Key Personnel Resumes

Plenary Group

MATT GIRARD | PROJECT EXECUTIVE

As Project Executive, Matt will be responsible for the overall leadership of the PWKP team throughout all phases of the Project. During the RFP phase, Matt will be the primary point of contact with PennDOT and, working closely with leadership from all team members, will lead the team's development of the technical and financial proposals. During delivery, Matt will have overall accountability to PennDOT for the performance of the team and will work closely with all team members to ensure satisfaction of all obligations under the public-private transportation partnership agreement.

RELEVANCE TO PROJECT

✓ 20 years design-build experience, and 10 years with P3's in the U.S. and Canada, $5 billion worth of P3 projects.

BACKGROUND & LICENSING

Education
M.S., Civil Engineering & CEM, Univ. of Colorado
B.S., Civil Engineering; University of Colorado

Years in Industry
25 (10 years of P3 experience)

Licensing
STS Construction Safety Trained Supervisor
DBIA Designated Design-Build Professional

REFERENCES

California Dept. of Transportation
Kome Ajise - Deputy Director, Planning/Modal Programs
1120 N Street, Sacramento CA 94273
916.654.5368 p | 916.654.5266 f
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Alberta Transportation
Tom Loo
Executive Director, Major Capital Projects
4999 98 Ave., Edmonton AB T6B 2X3
780.415.4876 p | 780.415.0475 f
tom.loo@gov.ab.ca

Colorado HPTE
Michael Cheroutes - Director
4201 E. Arkansas Ave., Denver, CO 80222
303.757.9607 p | 303.757.9656 f
michael.cheroutes@dot.state.co.us

Presidio Parkway, CA

- Total Project Value: $350 million | Owner: Caltrans/SFCTA
- Role: Development Lead | Dates Worked on Project: 2011 - 2012

Presidio Parkway will replace Doyle Drive, the aging approach to the Golden Gate Bridge used by 120,000 vehicles each day. Originally built in 1936, the roadway was structurally and seismically deficient. As California's first P3 project, Matt was responsible for coordinating the Joint Venture's approach. This included leading all DBJV efforts during the proposal phase on all innovation & ATC efforts, coordinating the design pre-bid and ensuring constructability, representing the DBJV on the life-cycle task force team, and lead rep of DBJV in all contract matters on both the P3 agreements as well as the design subcontract, and all commercial interaction with Owner.

Northwest Anthony Henday Drive, Edmonton, AB

- Construction Value: $995 million | Owner: Alberta Transportation
- Role: Development Lead | Dates Worked on Project: 2008 - 2009

The North Edmonton Ring Road, also called Northwest Anthony Henday Drive, is a 13-mile section of highway with nine interchanges, four flyovers, and two crossings over railways and 29 bridges. Matt led all Design-Build Joint Venture (DBJV) efforts during the proposal phase on all innovation & ATC efforts, coordinating the design prebid and ensuring constructability, representing the DBJV on the life-cycle task force team, and lead representative of DBJV in all contract matters on both the P3 agreements as well as the design subcontract, and all commercial interaction with Owner.

Calgary Ring Road, Calgary, AB

- Construction Value: $424 million | Owner: Alberta Transportation
- Role: Development Lead | Dates Worked on Project: 2007 - 2009

The northeast portion of the Calgary Ring Road, also called Northeast Stoney Trail (NEST), was procured as a P3. For this project, the Developer was responsible for constructing the northeast section of the ring road, including 23 bridge structures and six interchanges. Matt served as development lead for the DBJV, as well as Project Manager during the first six months of construction. This included leading all DBJV efforts during the proposal phase on all innovation & ATC efforts, coordinating the design pre-bid and ensuring constructability, representing the DBJV on the life-cycle task force team, and lead rep of DBJV in all contract matters on both the P3 agreements as well as the design subcontract, and all commercial interaction with Owner.

WALSH Walsh Investors, L.L.C.

GREG CIAMBRONE | PROJECT MANAGER

Greg will serve as the Project Manager, and will be primarily responsible for supervising, coordinating, and implementing the technical activities of the Project. He will have visibility and authority over all design, construction, and maintenance activities via direct and constant collaboration with the Construction Joint Venture, the Lead Engineer, the Lead Maintenance Contractor, and all other Major Non-Equity Members of the PWKP team. The ultimate charge of his role is to ensure that the Project is procured on schedule, within budgetary constraints, and built and maintained at the level of quality and safety required by the PPA.

RELEVANCE TO PROJECT

✓ 20 years experience in design-build-lease and 6 years of P3's in U.S. and Canada
✓ Heavy-civil knowledge with experience as developer, financier, and concessionaire

BACKGROUND & LICENSING

Education
M.B.A., DePaul University
B.S., Finance, University of Notre Dame

Years with Walsh Investors
16

Years in Industry
27 (6 years of P3 experience)

REFERENCES

Indiana Finance Authority
Jim Stark
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100 N. Senate Ave., Indianapolis, IN 46204
317.232.0694 p | N/A f
jstark@indot.IN.gov

Goldman Sachs & Co.
Hadley Peer Marshall
Vice President
200 West St., 7th Flr New York, NY 10282
212.902.0535 p | 917.977.3268 f
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U.S. Department of Justice - FBI
Ron Rivera
Project Manager
20 North 8th St., Philadelphia, PA 19107
202.436.8062 p | 202.436.8081 f
Ronald.Rivera@ic.fbi.gov

Ohio River Bridge East End Crossing Project, IN/KY

- Construction Value: $763million | Owner: Indiana Finance Authority
- Role: Deputy Project Mgr., Board of Mgrs. | Dates Worked on Project: 2011 - Present

As the Deputy Finance Manager and member of the WVB East End Partners, LLC (Concession Company) Board of Managers, Greg represents Walsh's interests on this Design-Build-Finance-Operate-Maintain (P3) project. The project includes 8 miles of new construction connecting I-265 in Southern Indiana and I-265 in Northern Kentucky. The project includes a new six-lane cable stayed bridge crossing the Ohio River with a main span of 1,200 feet, a 1,680 foot tunnel on the Kentucky side of the river, new and reconstructed interchanges, and 19 standard bridge structures.

I-4/Lee Roy Selmon Crosstown Expressway Connector, FL

- Construction Value: $414 million | Owner: Florida Department of Transportation
- Role: Finance Specialist | Dates Worked on Project: 2010 - 2012

P3 project to bid, build, and finance the I-4/ Lee Roy Selmon Crosstown Expressway Interchange Connector. The new roadway will provide exclusive truck lanes for direct access to the Port of Tampa and remove heavy truck traffic from local roads. The financing requirements for the project were a challenge given the extended GAP financing period that resulted from FDOT's set availability payment schedule based on funding authorization in FDOT's 10-year work plan. Greg was instrumental in the team's success by creating a financing solution that supported an accelerated construction schedule while leading the charge in reducing financing costs by structuring interest rate protection that allowed the team to benefit from the falling interest rate environment over the last 12 months. After running a full funding competition, the project was ultimately financed through a bank solution.

Federal Bureau of Investigation Field Office, VA

- Construction Value: $45 million | Owner: U.S. General Services Administration
- Role: Principal-in-charge | Dates Worked on Project: 2012 - Present

P3 project to design, build, finance, and maintain a 144,000 square foot office building that will be leased on a 20-year term to the U.S. General Services Administration for the tenancy of the Federal Bureau of Investigations. Greg managed all aspects of development while also demonstrating his ability to arrange competitive financing.

RELEVANCE TO PROJECT

- ✓Worked on over $220 million of PennDOT projects located in five different districts.

BACKGROUND & LICENSING

Education
B.S., Civil/Environmental Engineering, Lafayette College

Years with Walsh Construction
8

Years in Industry
12

Licensing
Professional Engineer: Pennsylvania

REFERENCES

Ohio Department of Transportation
Dave Lastovka - Cleveland Innerbelt Corridor Project Manager
5500 Transportation Blvd.,
Garfield Heights, OH 44125
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Pennsylvania Dept. of Transportation
Larry Maricondi
Assistant Construction Manager
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724.439.7286 p | 724.425.3012 f
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Massachusetts Dept. of Transportation
Ernie Monroe - Resident Engineer
58 Macy St., Unit 2B, Amesbury, MA 01913
781.853.8174 p | 781.646.5115 f
ernie.monroe@state.ma.us

SCOTT BENJAMIN, PE | DEPUTY PROJECT MANAGER - CONSTRUCTION

As Deputy Project Manager - Construction, Scott will be ultimately responsible for the success of the Construction Joint Venture (CJV). He will oversee all aspects of design and construction including project buyout, subcontractor selection, establishment of safety protocols, management of CJV personnel, achievement of DBE and minority goals, and coordination with public information managers. Scott will have the authority to adjust resource levels as necessary to maintain the project schedule. He will maintain a direct line of communication with and be responsible for addressing any concerns of the PennDOT Project Manager during the construction phase.

Whittier Bridge Replacement Project, MA

- Construction Value: $292 million | Owner: Massachusetts Dept. of Transportation
- Role: Design-Build Coordinator | Dates Worked on Project: 2013 - 2013

The design-build project featured two 480 foot long steel tied arch spans. The new bridges contain nearly 10,000 tons of structural steel. Scott was responsible for management of the design submittal and approval process, performed constructability reviews of bridge design components, and worked with the owner and its representative to facilitate approval of the Release for Construction drawing packages. Scott also led the process of environmental permit amendments with various agencies such as MassDEP, USACOE, USCG, and local conservation commissions and harbormasters.

Cleveland Innerbelt Bridge Project CCG1, OH

- Construction Value: $287 million | Owner: Ohio Department of Transportation
- Role: Design-Build Coordinator | Dates Worked on Project: 2010 - 2011

Construction of a new five lane westbound bridge structure, as well as work on 18 secondary bridges, nine retaining walls, and two miles of roadway reconstruction. Scott's responsibilities on this design-build project included scheduling, cost control, submittals, managing review and approval process through independent quality firm and ODOT, obtaining necessary permits, utility relocation and coordination, and construction engineering. Scott worked extensively with the lead design firm, HNTB, and the Independent Quality Firm, HDR, during development and approval of the project design.

Harrisburg US 15/PA 581 Improvements Phase 1, PA

- Construction Value: $58 million | Owner: Pennsylvania Dept. of Transportation
- Role: Project Manager | Dates Worked on Project: 2008 - 2009

This design-bid-build project featured a new diamond interchange and complete bridge replacement on SR15 over Lower Allen Drive and an additional travel lane on SR15. Work on PA 581 included widening of an existing 1,300 foot viaduct bridge and installation of five new underground stormwater management facilities. As Project Manager, Scott oversaw the entire project including submittals, schedules, safety, owner relation and coordination managing subcontractors, and cost management.

RELEVANCE TO PROJECT

- ✓Over 8 years of experience in financing of and investment in infrastructure P3 projects
- ✓Sector experience includes large Availability Payment projects with values in excess of $1B
- ✓Experience in the same role for a multi-asset P3 project across the Province of Ontario

BACKGROUND & LICENSING

Education
2 years admission Commerce and Mathematics (Hons), McMaster University, prior to early law school Law Degree, Osgoode Hall (York University) Master of Business Administration, Tuck School of Business (Dartmouth College) in NH

Years with Plenary
6

Years in Industry
15

REFERENCES

Transaction Finance
Martin Lavoie
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777 Bay Street, 9th Floor
Toronto, ON M5G 2C8
416.325.8826 p | 416.325.4646 f
martin.lavoie@
infrastructureontario.ca

BRIAN BUDDEN | PROJECT FINANCE LEAD

As Project Finance Lead, Brian will work with Walsh Investors to structure and implement the Project financing. He will manage the negotiation of key commercial and finance documents with team members and PennDOT. Brian will lead the project debt funding competition with potential debt funders and will be responsible for ensuring that the chosen financial structure will deliver optimal value for money to PennDOT.

Humber River Hospital, Toronto, Ontario, Canada

- Construction Value: $1.1 billion | Owner: Humber River Hospital
- Role: Project Director and Finance Lead | Dates Worked on Project: 2011 - Present

The new Humber River Hospital, at approximately 1.7 million square feet and $975 million capital cost, will be one of Canada's largest regional acute care hospitals, serving a catchment area of more than 850,000 people in the northwest Greater Toronto Area. Brian led the Plenary Health consortium through the proposal phase, commercial and financial negotiations, and closing, under availability DBFM. He currently sits on the consortium Board of Directors.

CSEC Long-Term Accommodation Project, Ottawa, Ontario, Canada

- Construction Value: $1.13 billion | Owner: Defence Construction Canada
- Role: Project Director and Finance Lead | Dates Worked on Project: 2011 - 2014

This federal Project involved the design, financing, construction and subsequent operation, maintenance and lifecycle of an approximately 775,000 square foot facility plus ancillary operations over a 42-month construction period, with $867 million capital cost. The CSEC Long-Term Accommodation Project was the first PPP project procured by the federal government in its new PPP program and enjoyed the support of PPP Canada. Brian led the Plenary Health consortium through the proposal phase, commercial and financial negotiations, and closing with respect to the new facility that will house Canada's national cryptologic agency, under availability DBFM. He currently sits on the consortium Board of Directors.

Drivers' Examination Services, Ontario, Canada

- Construction Value: $203 million | Owner: Ministry of Transportation
- Role: Project Director and Finance Lead | Dates Worked on Project: 2013 - 2013

This DBFM program delivered administration and testing services in the road user program, and collected fees for those services (together, "DES"). DES services are currently delivered at 95 testing centers by approximately 500 full-time equivalent staff. In exchange for the rights to DES, Plenary paid an upfront fee to the Ministry of Transportation and committed to further set monthly payments for the contract term. The contract is projected to generate roughly $800 million in shared revenues. Brian led the Plenary Properties consortium through the proposal phase, commercial and financial negotiations, and closing for the exclusive provision of drivers' exams and licensing services across approximately 100 centers in Ontario under the DBFM model.

GRANITE

JOE MCILHINNEY | CONSTRUCTION MANAGER

As Construction Manager, Joe will assist the Deputy Project Manager in the overall management of the execution of the design and construction of the Project. He will interface daily with the Regional Construction Section Managers and provide support with safety, quality, schedule, and logistics needs. Joe will be heavily involved with the Early Completion Bridges, ensuring that the Project commences in an orderly and efficient manner.

RELEVANCE TO PROJECT

- ✓ 33 years of experience in heavy/civil construction industry
- ✓ Extensive experience in field management, preconstruction and planning, design constructability, and scheduling
- ✓ Worked on large transportation design-build projects valued over $500M
- ✓ Managed several high value logistically complex transportation projects

BACKGROUND & LICENSING

Education
B.S., Civil Engineering, Villanova University

Years with Granite Construction
10 years

Years in Industry
33

REFERENCE

Port Authority of New York & New Jersey
James Starace
Deputy Chief Engineer
233 Park Ave., South New York, NY 10003
212.435.7449 p | N/A f
jstarace@panynj.gov

Queens Bored Tunnels & Structures, NY

- Construction Value: $775 million | Owner: Metropolitan Transit Authority Capital Construction
- Role: Project Director | Dates Worked on Project: 2009 - 2013

Construction of four soft ground transit tunnels using slurry shield technology. The JV team bored four 19.5 foot diameter tunnels lined with precast concrete segments, with a total length of 10,500 linear feet. The tunnels were excavated under the Sunnyside Yard in Queens, NY. Joe had overall onsite management responsibility for all aspects of integration between tunnel construction and civil/ structural work, as well as oversight of total construction effort to ensure that the project is constructed in accordance with design, budget and schedule.

JFK Airtrain Terminal & Jamaica Station Reconstruction, NY

- Construction Value: $400 million | Owner: Port Authority of New York and New Jersey
- Role: Project Manager | Dates Worked on Project: 2003 - 2005

Demolition and reconstruction of a 1913 Long Island Railroad (LIRR) station into intermodal transportation hub comprised of five 1,000-ft-long elevated platforms. The reconstructed facility includes a portal bridge & mezzanine structures to transit from the JFK Airtrain to connections with the LIRR, subway and private/public bus routes. The Westerly Bridge spanning the 5 LIRR platforms consists of a 130-ft-long steel structure. Original cost for the project is approximately $400M and all work within the limits of the station was conducted while maintaining LIRR and MTA rail operations.

Williamsburg Bridge, NY

- Construction Value: $45 million | Owner: New York State Department of Transportation
- Role: PM/Bridge Superintendent | Dates Worked on Project: 2001 - 2001

Demolition and reconstruction of a major 1,600 Linear Foot Twin Post Tensioned Segmented Girder Connector ramps from the Brooklyn-Queens Expressway to the Williamsburg Bridge. Twin curved pre-cast concrete box post-tensioned segmented girder structures were installed in two stages while maintaining traffic flow during the course of the project. Project received NYSDOT "2002 Partnering Award". As Project Manager, Joe was responsible for the management and oversight of all phases of project. As Bridge Superintendent, Joe was also responsible for maintaining the construction schedule to meet critical NYCDOT milestones during and after 9/11.

HDR

KENNETH WRIGHT, PE | LEAD DESIGN ENGINEER

Ken has experience in the design and management of major bridge and highway projects. His experience includes concrete and steel bridges from small overpass structures to major river crossings. Ken has extensive knowledge of structural concepts, substructures, river piers, superstructures, retaining walls, and bridge permitting. Ken has also managed conventional design projects, design-build projects, and construction services for contractors. Planning and conceptual design of economical bridge structures is a definitive strength of Ken's and he has taught seminars on economical bridge design as well as design of tall piers and curved girders.

RELEVANCE TO PROJECT

- ✓ Significant design-build project experience on high-profile, accelerated schedule projects
- ✓ Strong work experience with Walsh's Deputy Project Manager in charge of construction, Scott Benjamin.
- ✓ Extensive PennDOT design experience
- ✓ Has delivered numerous P/S concrete I-beam bridge designs for PennDOT using LRFD

BACKGROUND & LICENSING

Education
M.B.A., Baker College
B.S., Civil Engineering, Lehigh University

Years with HDR
32

Years in Industry
32

Licensing
Professional Engineer: Pennsylvania

REFERENCE

NYS Thruway Authority
David Capobianco
Project Manager
555 White Plains Rd., Tarrytown, NY 10591
914.524.5487 p | N/A f
david.capobianco@newnybridge.com

Tappan Zee Hudson River Crossing, NY

- Construction Value: $3.1 billion | Owner: New York State Thruway Authority
- Role: Design Manager | Dates Worked on Project: 2013 - Present

Design Manager for a $3.1 billion design-build project to replace an existing bridge over the Hudson River. HDR is responsible for overall design project management, overall quality control including peer review and independent design check process, detailed design elements including deep foundations, main span and approach span structures, highway elements including alignments, tolling and ITS, utilities and facility design. The bridges are designed with adequate strength and capacity provisions to accommodate various mass transit modes in the future.

Cleveland Innerbelt Bridge Project CCG1, OH

- Construction Value: $287 million | Owner: Ohio Department of Transportation
- Role: Independent Quality Manager | Dates Worked on Project: 2010 - 2011

Independent Design Quality Manager for the design-build team led by Walsh Construction. The centerpiece of this $287 million project is the new 3092' long I-90 curved steel delta girder bridge over the Cuyahoga River Valley with six lanes of bi-directional traffic. It also includes bridge deck replacement and rehabilitations of multiple bridges, reconstruction of ramps and surface roadways adjacent to the interstate, significant grading of the slope west of the Cuyahoga River and reconstruction of bulkhead walls along the river.

PENNDOT S.R. 6220, Section C11, PA

- Construction Value: $75 million | Owner: Pennsylvania Dept. of Transportation
- Role: Bridge Design Manager | Dates Worked on Project: 1997 - 2001

Managed 20 structures on a high-speed interchange (future I-99) bypassing Port Matilda for PennDOT District 2-0. Mixture of LRFD and LFD bridge designs. Project included 5 single span and two 3-span bridges using integral abutments; 4 pairs of multi-span prestressed I-beam bridges made continuous for live load; 3 culverts, 2 of which were very long under deep fills; a curved steel-girder bridge; and the rehabilitation of one small bridge along old S.R. 0322. Several key design details were new to PennDOT at that time: Use of large-diameter drilled shaft foundations; integral abutment bridges; use of LRFD design for the P/S I-beam bridges.

ARVIN DELGADO, EIT | MAINTENANCE MANAGER

As Maintenance Manager, Arvin will lead the planning, scheduling and execution of maintenance work in a manner that will allow meeting the performance requirements, and life cycle expectations for all Elements. Being involved with the design and construction team members during the development process, Arvin will be able to seamlessly transition into an active role of providing a maintenance perspective during the design-build phases of the Project. Arvin will provide O&M review and guidance for proposed changes during the design-build period. Durign the Maintenance Period, Arvin will develop and implement the Maintenance Management Plan; develop work plans, including life cycle, and schedules for maintenance work, assisted by the O&M Inspectors; monitor compliance with performance requirements, life cycle performance of Elements, and implement adjustments to maintenance practices as necessary to meet contractual obligations and Project goals.

NCDOT Interstate Maintenance, WBS Element, 42784; Charlotte, North Carolina

- Maintenance Value: $28 million | Owner: North Carolina Department of Transportation
- Role: Project Manager | Dates Worked on Project: 2010 - 2012

Lead the management of 135 miles of road infrastructure maintenance operations that include all assets within the right of way (bridges, pavement, signage, markings & markers, roadside and drainage). Supervised all administration, field engineering, procurement and contracting, short-term and long-term planning and scheduling for project delivery. Basic functions included: oversight of contractual performance compliance, accountable for management of Client relationships, guarantor of the implementation of safety culture, business processes, and project guiding plans, responsible for risk management, and Project cost to complete. As Project Manager., Arvin was responsible for management of operations services, and maintenance work of all transportation Elements within ROW, and served as the direct point of contact for the Client on this $5.6M per annum / 5 year project.

Florida's Turnpike Zone 2 Asset Maintenance Project; Orlando, Florida

- Maintenance Value: $27 million | Owner: Florida Turnpike Authority
- Role: Project Engineer | Dates Worked on Project: 2006 - 2010

Responsible for overseen field operations to maintain 145 miles of road infrastructure on the Florida Turnpike which included all assets within the right of way (bridges, pavement, signage, lighting, markings & markers, roadside, drainage and emergency incident response). Duties included: field engineering, procurement and contract administration, short-term and long-term planning and scheduling for project delivery, oversight of meeting contractual performance requirements and development, administration and management of subcontractors, including meeting DBE goal. Arvin oversaw the executed operations services, and maintenance work of all transportation Elements within ROW, and the planning and scheduling of maintenance work of this $3.8M per annum / 7 year project.

RELEVANCE TO PROJECT

- ✓8 years of experience in execution, management, and procurement of operations and maintenance projects
- ✓Planned maintenance programs for O&M Projects of in excess of $3M per annum
- ✓Developed operational and maintenance plans for P3 projects, including HTPE US 36 Managed Lanes Project and INDOT I-65 Section 5 Project

BACKGROUND & LICENSING

Education
Bachelor of Science, Civil Engineering

Years with Walsh Infrastructure Managment
1

Years in Industry
8

REFERENCES

North Carolina Dept. of Transportation
Mike Campbell
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12033 East Independence Blvd.,
Matthews, NC 28105
704.847.0378 p | 704.847.5678 f
mcampbell@ncdot.gov

MATT SEMERAD | QUALITY MANAGER

Matt will oversee all construction related quality efforts and will coordinate QA/QC of the individual subcontractors to ensure consistency of all works across the Project. Matt has extensive experience in all areas of bridge construction. He began his career as a laborer and has been steadily promoted to his current role of Quality Manager.

Moses Wheeler Bridge, CT

- Construction Value: $175 million | Owner: Connecticut Dept. of Transportation
- Role: Quality Control Manager | Dates Worked on Project: 2012 - 2013

The project involved the reconstruction of I-95 between the towns of Stratford and Milford, Connecticut. The three-stage project included modifications or replacement of several interstate highway bridges, which is 3,173 feet long and includes 39 piers. Matt created, executed, and implemented a project based quality control plan while creating and nurturing a quality culture within the project team. Matt facilitated the creation and implementation of workplans, re-work tracking and mitigation, staff education standards, and daily quality reporting for all field staff while interfacing with CTDOT representatives.

I-35W Street Anthony Falls Bridge, MN

- Construction Value: $234 million | Owner: Minnesota Dept. of Transportation
- Role: Utility Design Coordinator | Dates Worked on Project: 2007 - 2008

Project involved the fast track design and construction of a 1,200 foot long 10 lane bridge after the collapse of the original structure. Due to the sensitivities surrounding the project, the design and construction schedules were significantly condensed and required close coordination and extensive teaming between all members of the owner, design, and construction teams. Matt was responsible for design and execution of over 20 utility design packages, both public and private, from coordination between the engineer and DOT to managing and scheduling all subcontractors. Matt also oversaw quality control and environmental functions for each independent scope during design and construction. The project recieved 2009 AASHTO Construction Management Award.

Athabasca River Bridge, Ft. McMurray, AB

- Construction Value: $140 million | Owner: Alberta Infrastructure and Trans.
- Role: Project Engineer | Dates Worked on Project: 2008 - 2009

The project involved construction of a 108 foot wide, 1,548 foot long bridge, which was designed to accommodate heavy industrial traffic and rated at more than three times the capacity of comparable bridges. Structural steel utilized in the bridge is corrosion resistant and built to withstand extreme temperatures due to its remote location. Matt was responsible for the oversight and execution of all engineering duties associated with the structural aspect of the Athabasca River Bridge. Matt's duties included survey layout, internal construction drawings, subcontractor management, and QA/QC. Additionally, Matt served as liaison between the contractor and owner's independent QA/QC firm for all aspects of the work.

RELEVANCE TO PROJECT

- ✓Experience as Regional Quality Control Manager
- ✓Specializing in Army Corps of Engineers 3 phase control
- ✓Created, implemented, and enforced numerous project based proactive quality control plans and monitored success thereof via extensive statistical analysis
- ✓Executed and monitored project-based quality principles and regional standard operating procedures

BACKGROUND & LICENSING

Education
B.S., Construction Management, University of Minnesota

Years with Walsh Construction
2

Years in Industry
16

REFERENCE

Connecticut Dept. of Transportation
James Pelletier
Supervising Engineer, District 3A
424 Chapel St., New Haven, CT 06511
203.785.8082 p | N/A f
james.pelletier@ct.gov

DAN GALVIN | PUBLIC INFORMATION COORDINATOR

Dan brings 23 years of experience and a proven track record for positive public perception on all projects he has been involved in. He has served countless public information roles as the public communications point-of-contact for tightly scheduled, sometimes controversial projects. He will maintain continuous coordination with PennDOT to ensure effective resolution of any public information issues. He will engage and elicit feedback from local community leaders, and maintain open lines of communication with critical stakeholder groups, conducting outreach activities, and open houses.

RELEVANCE TO PROJECT

- ✓Experience implementing and managing public involvement and communication programs for large geographic areas that include disparate stakeholder groups and concerns.
- ✓Successfully managed public information programs for high visibility and controversial transportation infrastructure projects.
- ✓Experienced in planning and coordination with design and construction teams on large design-build projects.

BACKGROUND & LICENSING

Education
B.A., Broadcast Journalism, Arizona State University

Years with Walsh
1

Years in Industry
23

REFERENCES

Washington Dept. of Transportation
Brian Dobbins
Construction Manager
310 Maple Park Ave. SE
Olympia, WA 98504
206.770.3518 p | 360.705.6809 f
dobbinb@wsdot.wa.gov

SR 520 Eastside Transit HOV Design-Build, WA

- Construction Value: $340 million | Owner: Washington Dept. of Transportation
- Role: Public Information Manager | Dates Worked on Project: 2010 - 2012

This $340 million, design-build project included the reconstruction and widening of approximately three miles of SR 520. This high-profile, sometimes controversial project, was constructed in a politically active, environmentally sensitive area, requiring daily contact with the public and local government representatives. Dan was the project liaison to the traveling public, local businesses, nearby homeowners, and local governments, providing communities and stakeholders with up-to-date project information. He managed responses to all public inquiries, and kept local residents, commuters, and local officials informed about project progress through a quarterly newsletter, telephone hotline, project website, and live streaming video cameras that monitored construction progress.

New I-64 Design-Build, MO

- Construction Value: $420 million | Owner: Missouri Dept. of Transportation
- Role: Public Information Manager | Dates Worked on Project: 2006 - 2009

This project included the complete demolition and reconstruction of 10 miles of the main east-west interstate through the St. Louis metro area. Each of the project's two, five-mile sections were closed for one year at a time, causing public concern and considerable media attention. As the project spokesman, Dan regularly gave media updates and project tours to keep the public informed of progress and address construction related issues with nearby residents and the traveling public.

I-494 DB, MINNESOTA

- Construction Value: $140 million | Owner: Minnesota Dept. of Transportation
- Role: Public Information Manager | Dates Worked on Project: 2004 - 2006

This project reconstructed and widened approximately eight miles of I-494 and demolished and reconstructed 14 bridges. Work required sensitivity to residential concerns regarding noise and other construction impacts. Dan maintained close coordination with the community, provided a quarterly newsletter, updated the project website, and organized a telephone hotline. He set-up kiosks with informative project displays in shopping malls and other high traffic areas to engage in face-to-face contact with residents.

MARVIN L. JACKSON | DBE COORDINATOR

As the DBE Coordinator, Marvin will ensure that certified DBE firms are serving in commercially useful functions on this Project, in a capacity compliant to the 49 CFR Part 26. He will ensure the project specific DBE/Small Business participation plan is implemented and that PWKP's commitment to good faith efforts is met for the 7% DBE goal. Marvin will work directly with PennDOT, Department of Labor, FHWA and OIG to provide transparency and open communication on the status of DBE participation on the project. He will continue to engage and conduct outreach to the local DBE/Small Business community in both the design and construction phases of the Project.

RELEVANCE TO PROJECT

- ✓Met or exceeded DBE participation goals, including goals over 30%
- ✓Coordinated and facilitated project-specific DBE/Small Business outreach events
- ✓Coordinated DBE training with State and Federal agencies on age and hour, EEO, financial assistance, estimating, and payroll
- ✓Experience with commercially useful function (CUF) DBE relative to the 49 CFR Part 26 and Federal 16 Steps Compliance Manual

BACKGROUND & LICENSING

Education
B.S. Architectural Engineering; University of Oklahoma, Norman, OK

Years with Walsh
9

Years in Industry
16

REFERENCES

Kentucky Transportation Cabinet
Tyra Redus
Director of Civil Rights and Small Business Development
200 Mero Street; Frankfort, KY 40622
502.564.1257 p | N/A f
Tyra.Redus@ky.gov

Ohio River Bridge Downtown Crossing, Louisville, KY

- Construction Value: $860 million | Owner: Kentucky Transportation Cabinet
- Role: Assistant Project Manager (APM), DBE/Workforce Plan Manager | Dates Worked on Project: 2012 - Present

This project is a 2,000 linear foot bridge to connect downtown Louisville, KY to Southern Indiana, and includes the redesign and reconstruction of highways 65 in both states, as well as Highways 64 and 71 in Louisville. The DBE participation goal is 8.22%. Marvin is responsible for the development and implementation of the DBE participation plan, which includes a 15% Minority and 10% Female EEO Workforce Plan. Marvin's duties include monthly DBE reporting to the Owner, FHWA and Department of Labor. He is also responsible for project compliance to the 49 CFR Part 26 and the CUF of DBE contracted.

CMGC-3 (NW-2, NW-3 and NW-4) Dallas Area Rapid Transit Light Rail Expansion Project, Dallas, TX

- Construction Value: $480 million | Owner: Dallas Area Rapid Transit Authority
- Role: Controls Manager | Dates Worked on Project: 2010 – 2011

This project was a 13.6 mile extension of the Dallas Area Rapid Transit green line light rail system. Construction included five at-grade rail stations, four elevated rail station, and rail operations maintenance yard ($45M change order). Marvin was responsible for the project close-out, 7,000 pages of final as-built drawings, final maintenance and construction warranties. Marvin oversaw compliance to the Project's DBE participation goal of 39%, achieving 40% DBE participation.

CMGC-1 (SE-1, SE-2, NW-1B) Dallas Area Rapid Transit Light Rail Expansion Project, Dallas, TX

- Construction Value: $460 million | Owner: Dallas Area Rapid Transit Authority
- Role: Controls Manager | Dates Worked on Project: 2006 – 2011

CMGC-1 was a 12.2 mile extension of the Dallas Area Rapid Transit green line lightrail system that included nine at-grade rail stations, one elevated rail station, and 1.2 million square feet of bridge deck. Marvin managed the activities of a team of 11 Project Engineers, 130 sub-contractors that included 5,500 submittals, and 3,500 RFIs. Marvin led the team to exceed the DBE participation goal of 30% by achieving a 32% DBE participation.

RON ROGGE, PE | CONSTRUCTION QUALITY CONTROL MANAGER

RELEVANCE TO PROJECT

- ✓31 years in roles focused on the leading the development, maintenance, and audit of integrated project quality and environmental management systems
- ✓ISO 9002:1994 Quality Management System Lead Auditor; ISO 9001:2000 Quality Management System Lead Auditor
- ✓2 recent Design-Build Projects of similar size: Ohio River Bridge East End P3 ($978 million) & CTA Wilson Transfer ($153 million)

BACKGROUND & LICENSING

Education

M.B.A., Business Administration Computer Science, Webster University; PDD, Engineering Management (Masters Level), University of Missouri; B.S., Civil Engineering, University of Missouri

Years with Walsh

3

Years in Industry

33

REFERENCES

City of Chicago
William Trudeau
Quality Assurance Mgr
10510 West Zemke Boulevard
Chicago, IL 60666
773.462.7441 p | 773.462.8560 f
trudeau@omp-cm.com

Ron's recent experience includes over 18 years leading Quality Management Programs (QMPs) for heavy civil design-build projects such as the Ohio River Bridge East End Design Build Finance Operate Maintain Project and the CTA Wilson Transfer Station in Chicago, IL, as well as other design-builds in the power and building sectors. Ron will be responsible for overall development, management, and supervision of the Developer's construction quality programs. He will have the authority to make necessary improvements to work quality with stop work authority.

Ohio River Bridge East End Crossing Design Build Finance Operate Maintain, IN/KY

- Construction Value: $978 million | Owner: Indiana Dept. of Trans./Indiana Finance Authority
- Role: Construction Quality Manager | Dates Worked on Project: 2013 - Present

This project includes a new six-lane cable stay bridge with a main span of 1,200 feet; a 1,680-foot tunnel on the Kentucky side of the river; and 22 standard bridge structures. Ron's responsibilities included the development of policies and procedures, implementation, maintenance, and continual improvement of key components of the project's Integrated Management System including the quality assurance (QA) and quality control (QC) programs, the monitoring and acceptance of specified materials and equipment, enforcing quality QA/QC inspections and tests, related record and documentation activities, and ensuring compliance with quality standards and contract requirements. He also supervised onsite QC team members and managed construction QA staff and document control operations.

I-94 N/S Freeway, Kenosha, WI

- Construction Value: $64 million | Owner: Wisconsin Department of Transportation
- Role: Quality Assurance Manager | Dates Worked on Project: 2012 - 2013

The project is just over three miles long and included the reconstruction and widening of the entire mainline roadway and associated ramps on I-94. Included within the stretch of roadway where the removal and reconstruction of eight bridges along with the construction of two new bridges. As a Quality Assurance Manager, Ron was responsible for guiding and overseeing quality control activities involved in on-site inspection/ testing and documentation of compliance, ensuring compliance with quality specifications, and testing standards of the Wisconsin DOT team.

O'Hare Modernization Program, Chicago, IL

- Construction Value: $385 million | Owner: City of Chicago
- Role: Quality Assurance Manager | Dates Worked on Project: 2010 - 2012

The O'Hare Modernization Programs included construction of new and rehabilitated runways, taxiways and utilities comprising over 457,000 cubic yards of 18-inch full depth concrete pavement. As Walsh's Quality Assurance Manager, Ron provided quality program development and guidance for quality control activities and management/oversight of five quality control managers, 40 QC inspectors/testers, and field laboratory for conformance to the Project.

NAJI CHIDIAC, PE | CONSTRUCTION QUALITY ACCEPTANCE MANAGER

RELEVANCE TO PROJECT

- ✓22 years of experience with PennDOT, including position as District Structural Control Engineer
- ✓Conducted acceptance reviews on six design-build projects with structures
- ✓Managed quality acceptance activities for 600 structures in eight counties in central Pennsylvania

BACKGROUND & LICENSING

Education

M.S. in Engineering Sciences (Concentration in Structures)
B.S. in Structural Design and Building Construction Technology

Years with TRC

4

Years in Industry

26

REFERENCES

Pennsylvania Dept. of Transportation
Randall Staudt, P.E.
Assistant District Engineer for Construction
2140 Herr St., Harrisburg, PA 17103
717.787.5192 p | 717.772.0397 f
rastaudt@pa.gov

As the Construction Quality Acceptance Manager, Naji will manage the Independent Quality Acceptance Program and staff. He will review, approve or reject, examine, authorize, and confirm any and all program, procedures and methods as required by and contained in PA Publication 408. Naji will directly oversee and direct the Construction Quality Acceptance inspection and testing staff and ensure compliance with established inspection and testing programs, methods and procedures, and validate testing reports. He will work independently and report jointly to the Development Entity's management team and to PennDOT.

PennDOT District 8

- Roles Included: Structural Control Engineer | Dates Worked: 1988 - 2010

Naji has over 22 years of structure design, maintenance, and construction experience working for PennDOT. During his last eight years with District 8, he was responsible for the Independent QA for over 600 structures that were DB projects or Bid-Build projects. His duties included reviewing and approving all items for acceptance and approval by PennDOT for these projects. He assured that the field staff were using approved materials and performing all acceptance testing as required by the 408. Naji reviewed and approved any field changes during construction due to a design error or a quality error by the contractor. Naji's experience on the following projects directly translate to his proposed responsibilities for the Project:

US15/PA 581Improvements Section 006, Harrisburg, PA

- Portions Design-Build (Soundwalls)
- Construction Value: $58 million

SR 30, Section 011 Design-Build Elements, Lancaster, PA

- Construction Value: $89 million

I-83, Section 25 Deadman's Curve Relocation, York, PA

- Portions Design-Build
- Construction Value: $59 million

US 15/PA 581 Design-Build Elements, Cumberland County, PA

- Construction Value: $51 million

95 Express Lanes Design-Build, Prince William County, Virginia

- Construction Value: $1 billion | Owner: VDOT/Transurban
- Role: : Quality Acceptance Engineer for the Concessionaire | Dates Worked on Project: 2011 - 2014

This P3 project is designing and building approximately 29 miles of Express Lanes on I-95. The project has18 design-build Bridges that were to be built or repaired. Naji was responsible for an independent review of all the design plans from the design-build team during the design phase for the concessionaire. During the Construction Phase, he managed the construction quality independent acceptance and inspection staff of engineers and technicians the concessionaire used to monitor the contractor's design changes, quality assurance staff and construction activities. This role also includes working with the concessionaire to assure that all technical requirements are met during the Maintenance Period.

Plenary Group

RAJAN BAINS | FINANCIAL DIRECTOR

As Financial Director, Rajan will be responsible for directing and managing the finance and administration functions for the project, including financial reporting, budgeting, performance reporting, risk management, and capital planning. This will include ensuring compliance with key commercial and finance documents, both in respect of team member obligations and the obligations of PWKP. Rajan will also monitor the ongoing financial performance of PWKP during the construction and operating periods, specifically as it relates to deductions and incurrence of noncompliance points.

RELEVANCE TO PROJECT

- ✓ Over 10 years of experience in developing and managing the financial performance of P3 projects
- ✓ Sector experience includes large Availability Payment projects with values in excess of $1B
- ✓ Experience in the same role for a multi-asset P3 project across the Province of Ontario

BACKGROUND & LICENSING

Education
Honours Bachelor of Commerce degree, University of British Columbia

Years with Plenary
9

Years in Industry
25

REFERENCES

Humber River Hospital
Henry G. Hamilton II, VP
Global Trust Services, BNY Trust Company of Canada
320 Bay Street, 11th Floor
Toronto, ON M5H 4A6
416.933.8511 p | 416.360.1711 f
Henry.Hamilton@bnymellon.com

Humber River Hospital, Toronto, Ontario, Canada

- Construction Value: $1.1 billion | Owner: Humber River Hospital
- Role: Financial Director | Dates Worked on Project: 2011 - 2015

The new Humber River Hospital, at approximately $975 million capital cost, will be one of Canada's largest regional acute care hospitals, serving a catchment area of more than 850,000 people. Rajan directed and managed the complete finance and administration, including financial reporting, budgeting and performance reporting, risk management, financing and managing capital development. He set up accounting, reporting and back office systems, and formed an accounting and operations team. He oversaw project accountants, and managed the monthly consolidated financial statement preparation and review process, forecasts, variance analysis, and tax compliance and filings.

CSEC Long-Term Accommodation Project, Ottawa, Ontario, Canada

- Construction Value: $1.13 billion | Owner: Defence Construction Canada
- Role: Chief Financial Officer | Dates Worked on Project: 2011 - 2014

This Project involved the design, financing, construction and subsequent operation, maintenance and lifecycle. Rajan managed the complete finance and administration, including financial reporting, budgeting and performance reporting, risk management, financing and managing capital development. He set up accounting, reporting and back office systems, and formed an accounting and operations team. He oversaw project accountants, and managed the monthly consolidated financial statement preparation and review process, forecasts, variance analysis and tax compliance and filings.

Drivers' Examination Services, Ontario, Canada

- Construction Value: $203 million | Owner: Ministry of Transportation Role: Project Director and Finance Lead | Dates Worked on Project: 2013 - 2013

This DBFM delivered administration and testing services in the road user program, and collected fees for those services (together, "DES"). DES services are currently delivered at 95 testing centers. In exchange for the rights to DES, Plenary paid an upfront fee to the Ministry of Transportation and committed to monthly payments for the contract term. Rajan managed the complete finance and administration, including financial reporting, budgeting and performance reporting, risk management, financing and managing capital development.

WALSH

ABDOUL DIALLO | UTILITY MANAGER

As Utility Manager, Abdoul will coordinate utility installation, relocation and removal. He will ensure that all utility work is performed within the guidelines of the contract specifications and that activities are performed safely with the highest quality standards. He will continuously and proactively coordinate amongst PennDOT, subcontractors, and third party utility owners.

RELEVANCE TO PROJECT

- ✓ Managed complex utility coordination for all types of utilities while maintaining aggressive project schedules
- ✓ Managed the largest project in District 6-0 history, I-95 Reconstruction, with major utility installations and relocations
- ✓ Performed value engineering on the I-95 CP-2 Project with a quarter million dollar savings to PennDOT

BACKGROUND & LICENSING

Education
Master Candidate Transportation Engineering – Drexel University
BS Civil Engineering – University of Conakry, Guinea, West Africa

Years with Walsh
9

Years in Industry
17

REFERENCES

Pennsylvania Dept. of Transportation
Harold Windisch
Senior Assistant Construction Engineer (ACE)
7000 Geerdes Blvd, King of Prussia, PA 19406
610.205.6692 p | 610.205.6672 f
hwindisch@pa.gov

I-95 Reconstruction, Section CP-2, Philadelphia, PA

- Construction Value: $212 million | Owner: Pennsylvania Dept. of Transportation
- Role: Project Manager | Dates Worked on Project: 2012 - Present

The I-95 Section CP-2 Project is the largest project awarded in PA District 6-0 history. The project will rebuild 1.6 miles of I-95 by replacing seven bridges and widening another, widen roadway pavement with 12 foot lanes, build an on-ramp, upgrade four existing ramps, build 13 retaining walls, relocate a 93-inch waterman and 10.5-foot x 10.5-foot box sewer, install storm water drainage pipes and more than 5,000 feet of outfall storm pipe. As a Project Manager, Abdoul served as PennDOT's main point of contact. He coordinated overall project activities, managed staff, schedule, and subcontractors to meet project goals.

Central Corridor Light Rail Transit – Civil East, St. Paul, MN

- Construction Value: $200 million | Owner: Metropolitan Council
- Role: Assistant Project Manager | Dates Worked on Project: 2010 - 2012

This project involved the construction of 14 platform stations and nearly seven miles of light rail track, reinforcement of two bridges over I-94, relocation of over 50,000 feet of water main, sanitary and storm systems, street lighting, environmental remediation, installation of signal and track power duct banks, installation of traffic signals, catenary pole foundations, roadway pavement and sidewalks. Construction occurred in heavily populated areas where close coordination with nearby businesses was required. Abdoul managed the project schedule and construction changes, mostly due to utility conflicts. He directed and mentored project engineers and superintendents to meet 20 interim milestones. He worked directly with the Owner's representatives to resolve utility conflicts while coordinating underground utilities installation and relocation.

I-294 Rehabilitation – Southern Corridor, IL

- Construction Value: $100 million | Owner: Illinois Toll Highway Authority (ISTHA)
- Role: Assistant Project Manager | Dates Worked on Project: 2008 - 2009

This project reconstructed and widened nine bridges and roadway pavement, installed noise wall, ITS and landscaping, and replaced utilities. Multiple bridges required jacking beams in place to remove and replace bridge pedestals, fiber wrap and shotcrete concrete repairs, and 14,000 square feet of bridge deck grooving. As Assistant Project Manager, Abdoul was responsible for utilities removal, relocation, and installation - all of which required close coordination with the ISTHA Representative. He scheduled and managed the installation of 9.5 miles of highway lighting, managed the installation of box culverts as well as storm and sanitary sewer placement.

DAN DOMALIK, PE | DESIGN QUALITY CONTROL MANAGER

Dan will manage all aspects of the Quality Management Plan related to Design, Environmental, Right-Of-Way, Utilities, and Survey. His role will include developing QC processes for checking and reviewing work product. Dan will also train the project team in the Design QC processes and will audit the work for compliance to the program. As DQCM, he will certify design submittals for conformance to the quality program and project requirements. Dan will coordinate the Design QC Program with the Construction and Maintenance quality program and with PennDOT.

RELEVANCE TO PROJECT

- ✓19 years of experience in roles from Quality Manager to Quality Director
- ✓Created HDR's quality audit program and served as East Region Lead Quality Director
- ✓Served as HNTB's National Design-Build Quality Leader, developing program-level quality processes and managing QA/QC managers across the U.S.

BACKGROUND & LICENSING

Education
MBA, Tepper School of Business, Carnegie Mellon University
MS, Civil Engineering, The Pennsylvania State University
BS, Civil Engineering Technology, The University of Pittsburgh

Years with HDR
17

Years in Industry
19

REFERENCES

New York State Thruway Authority
David Capobianco
Design Compliance Engineer
555 White Plains Road, Suite 400, Tarrytown, NY 10591
914.524.5487 p | N/A f
David.Capobianco@newnybridge.com

OTIA-III State Bridge Delivery Program, OR

- Construction Value: $1.3 billion | Owner: Oregon Dept. of Transportation
- Role: Project Manager | Dates Worked on Project: 2004 – 2005

This statewide program repaired or replaced hundreds of aging highway bridges. Work included design, construction, utilities, right-of-way, permitting, and environmental compliance. Dan wrote, reviewed, and organized many of the processes and procedures for executing the work, including design review and oversight of consultants. Dan developed criteria and an evaluation tool to select consultants. He organized the program documents and facilitated their review by the project team.

Tappan Zee Hudson River Crossing, NY

- Construction Value: $3.1 billion | Owner: New York State Thruway Authority
- Role: Design Quality Control Manager | Dates Worked on Project: 2013 - Present

This was the largest transportation design-build project in the U.S. Dan was responsible for all design QC planning, activities, and results on the project. He developed and implemented a Design Quality Control Plan that specified the detailed checking and QC review processes to be followed for over 700 contractual design deliverables. Dan managed a team of four design QC auditors who evaluated compliance with the project quality requirements prior to certification of each package. Dan developed and conducted 30 training sessions for over 600 project team members to educate them about the project quality requirements. He wrote and responded to Corrective Action Requests as part of the project continuous improvement plan.

Arthur J. Ravenel Jr. Bridge Design-Build, Charleston, SC

- Construction Value: $700 million | Owner: South Carolina Dept. of Transportation
- Role: Design Review Manager | Dates Worked on Project: 2002 - 2003

This new cable-stayed bridge replaced two outdated and deteriorating truss bridges. At 2.5 miles long, it is the longest bridge of its type in the Western Hemisphere. Dan was responsible for managing design review and audits to monitor designer compliance with project standards, client standards and the QA/QC plan. Dan coordinated design reviews conducted by federal and state agencies and internal reviewers. He met with the project team to resolve reviewers' concerns and maintain compliance.

EDWARD E. BUFFINGTON, ASP, CHST | SAFETY MANAGER

Ed will oversee the successful implementation of PWKP's Safety Plan, including all health and safety procedures for personnel and the general public, as well as training, and emergency protocols. He will coordinate with all subcontractors' site specific safety guidelines and emergency protocols. Ed is currently the Area Safety Manager for Walsh's Northeast Region. In this role, he has implemented safety programs on complex bridge replacement projects with large, multi-firm teams to ensure compliance with federal, state, and corporate safety requirements.

RELEVANCE TO PROJECT

- ✓23 years of experience as a Safety Manager for heavy civil works projects, including bridge replacements
- ✓Successfully eliminated personal injury and property loss on large programs through implementation of comprehensive safety plans
- ✓Experienced in compliance with all Federal and Pennsylvania State safety requirements

BACKGROUND & LICENSING

Education
B.S. Occupational Health and Safety Management

Years with Walsh
9

Years in Industry
23

Licensing
ASP, CHST

REFERENCES

U.S. Army Corp of Engineers, Pittsburgh District
Kirk McWilliams
Supervisory Civil Engineer
2200 William S. Moorhead Federal Building, Plttsburgh, PA 15222
412.395.7100 p | 412.644.4093 f
kirk.a.mcwilliams@usace.army.mil

I-76 Allegheny River Bridge, PA

- Construction Value: $190 million | Owner: Pennsylvania Turnpike Commission
- Role: Safety Manager | Dates Worked on Project: 2007 - 2010

Construction of twin 2,350-foot long cast-in-place segmental bridges on I-76, including six retaining walls, reconstruction of approach roadways, and reconstruction of the ramps at Interchange 48. As Safety Manager, Ed implemented an orientation process and ongoing safety training sessions for all management personnel. The project was completed with an excellent safety performance. With over 785,000 direct Walsh man-hours, the project's recordable incident rate was 2.0. Furthermore, the project had no negative environmental impacts.

Blennerhassett Bridge, WV

- Construction Value: $120 million | Owner: West Virginia Dept. of Transportation
- Role: Area Safety Manager | Dates Worked on Project: 2005 - 2007

The Blennerhassett Bridge project consists of the construction of a 4,009-foot long by 100-foot wide bridge from West Virginia to Ohio over the Ohio River and Blennerhassett Island. The crossing of the main river channel is an 878-foot long span steel tied arch with inclined cable stays. This project includes over 30 million lbs. of structural steel members. As the Area Safety Manager, Ed evaluated adequate fall protection for structural steel erection, evaluated marine work to ensure compliance with U.S. Coast Guard and applicable federal standards, and conducted routine site compliance inspections.

State Braddock Dam, PA

- Construction Value: $125 million | Owner: U.S. Army Corps of Engineers
- Role: Senior Safety Supervisor | Dates Worked on Project: 2000 - 2005

Braddock Dam was constructed using an innovative "in the wet" technique. Its signature feature, the fabrication, assembly, and delivery of two football field-sized concrete segments, required floating the 11,000 and 9,500-ton pieces 27 miles upstream on the Ohio and Monongahela Rivers. These two segments formed the new Braddock Dam, which replaced a nearly 100-year old fixed crest dam. The project allowed the U.S. Army Corps of Engineers to replace the inefficient older locks upstream and completely eliminate the severly deteriorating dam and locks. Ed was responsible for the implementation of a Safety Plan that included loss control, safety training, site inspection, and employee training.

A.D. MARBLE & COMPANY
Environmental, Cultural & Engineering Services

STEPHEN WIEDEMER | ENVIRONMENTAL COMPLIANCE MANAGER

Stephen will manage the environmental studies and documents. He has the qualifications and experience in Pennsylvania to manage even specialized portions of the environmental documentations, aggressive schedules, and design-build projects to help PWKP mitigate schedule risk on environmental compliance. His NEPA experience includes Purpose and Needs Analyses, Alternative(s) Analyses, Reevaluation of approved NEPA documents, down-scoping of NEPA documents, secondary and cumulative impact studies, land use/planning and Section 4(f)/6(f) Evaluations. He developed one of the first Environmental Mitigation Tracking documents for PennDOT's South Portal of the Liberty Tunnel.

RELEVANCE TO PROJECT

- ✓ As former PennDOT District 12-0 Environmental Manager, administered all facets of design/environmental studies for the environmental phases
- ✓ Led environmental approvals for PennDOT 12-0 and assured that no projects missed the project delivery deadline
- ✓ Environmental Group Leader for the Pennsylvania High-Speed Maglev Project's Environmental Impact Statement

BACKGROUND & LICENSING

Education
B.S. - Pennsylvania State University

Years with A.D. Marble & Company
2

Years in Industry
27

REFERENCES

Pennsylvania Dept. of Transportation, District 10-0
Craig A. Chelednik, P.E.
Plans Engineer/Design Services Engineer
2550 Oakland Avenue, P.O. Box429
Indiana, PA 15701
724.357.2949 p | 724.357.1905 f
cchelednik@pa.gov

PA 980/ PA 0050, Intersection Improvement Project, Washington County, PA

- Construction Value: $150 million | Owner: Pennsylvania Dept. of Transportation, District 12-0
- Role: Environmental Project Manager | Dates Worked on Project: 2012 - 2014

This project involves hazardous waste issues, natural resources, and a Categorical Exclusion Evaluation/Programmatic Section 4(f) Evaluation. Steve is managing the environmental compliance portion, which includes preliminary design, final design and construction management.

U.S. Route 22, Section 491, Penn View Summit, Indiana County, PA

- Construction Value: $400 million | Owner: Pennsylvania Dept. of Transportation, District 10-0
- Role: Environmental Project Manager | Dates Worked on Project: 1995 - 1999

This portion of the reconstruction of U.S. Route 22 involved an Environmental Assessment, Section 4(f) evaluation and FONSI documentation. Steve oversaw the environmental studies necessary to proceed with design and construction. Specialized studies were completed for historic structures, endangered species, public recreation lands, and community coordination.

U.S. Route 22, Section B04, Environmental Assessment/FONSI, Westmoreland County, PA

- Construction Value: $350 million | Owner: Pennsylvania Dept. of Transportation, District 12-0
- Role: Environmental Project Manager | Dates Worked on Project: 1992 - 1998

This portion of the reconstruction of U.S. Route 22 involved an Environmental Assessment and FONSI documentation. Steve managed a staff of planners, biologists, geographic information system specialists, and civil engineers to achieve National Environmental Policy Act clearance for this roadway improvement project. He maintained mitigation tracking documents through design and construction. Steve managed the timely completion of the environmental documentation.

WALSH

JOHN WAUGH, PE | QUALITY ASSURANCE MANAGER

John will serve as the Quality Assurance Manager. Since 2003, he has been directly involved in six Design Build projects, and four significant bridge/highway projects. He recently led the effort in Walsh's Northeast Region participation in the Northeast Transportation Training and Certification Program, (NETTCP), and secured training and certification for all of Walsh's Quality Control personnel. He has actively participated in numerous training seminars with NETTCP, FHWA, and various DOT's. In his most recent assignments as QC Manager for the Memorial Bridge DB project and QC Administrator for the Whittier Bridge DB project, he successfully implemented NETTCP-based Quality Control programs that included Walsh's internal QA/QC policies, for both design and construction.

RELEVANCE TO PROJECT

- ✓ Supervised the pursuits of over $1 billion in heavy/highway design-build projects
- ✓ Design-Build Committee Member of Construction Industries of Massachusetts
- ✓ Drafted preliminary Quality Control and Project Management Plans for: Yawkey Station, Memorial Bridge, Spot Pond Covered Water Storage Facility, Whittier Bridge/I-95 Improvement
- ✓ Preparation of Traffic Impact Reports & Environmental Impact Reports

BACKGROUND & LICENSING

Education
B.S. in Civil Engineering, University of Massachusetts

Years with Walsh
20

Years in Industry
28

REFERENCES

New Hampshire Dept. of Transportation
Denis Switzer
Construction Engineer
P.O. Box 483 Concord, NH 03302
603.271.2571 p |
603.271.3461 f
DSwitzer@dot.state.nh.us

Whittier Bridge/I-95 Improvement Project Design-Build, Amesbury, MA

- Construction Value: $292 million | Owner: Massachusetts Dept. of Transportation
- Role: Quality Control Administrator | Dates Worked on Project: 2013 - 2014

The Whittier Bridge project entails Design-Build replacement of the John Greenleaf Whittier Bridge, along with a four mile widening of I-95 NB & SB and reconstruction of eight minor bridges. The bridge structure is twin, 1400' spans, including 480' network tied arch main spans. John was responsible for oversight of design and construction QA/QC, the creation and implementation of a project-specific Quality Management Plan, (QMP), review of all project documentation, field and laboratory testing and the oversight of QA/QC staff, and third party testing agencies.

Memorial Bridge Design-Build Replacement Project, Portsmouth, NH

- Construction Value: $81 million | Owner: New Hampshire Dept. of Transportation
- Role: Construction Quality Control Manager | Dates Worked on Project: 2012- 2013

Design-Build construction of a new vertical lift bridge. The project includes the demolition of the existing bridge, rebuilding and strengthen the existing main piers, construction of three truss sections which span 300 feet each. As Construction Quality Control Manager, John was responsible for creating and implementing work plans for major work activities, the implementation of a QMP, coordinated with Owner acceptance and Independent Assurance personnel, directed field and laboratory testing, issued Non-Conformance reports and performed employee quality training.

Yawkey Station Design-Build Project, Boston, MA

- Construction Value: $11 million | Owner: Massachusetts Bay Transportation Authority
- Role: Project Manager | Dates Worked on Project: 2010 - 2011

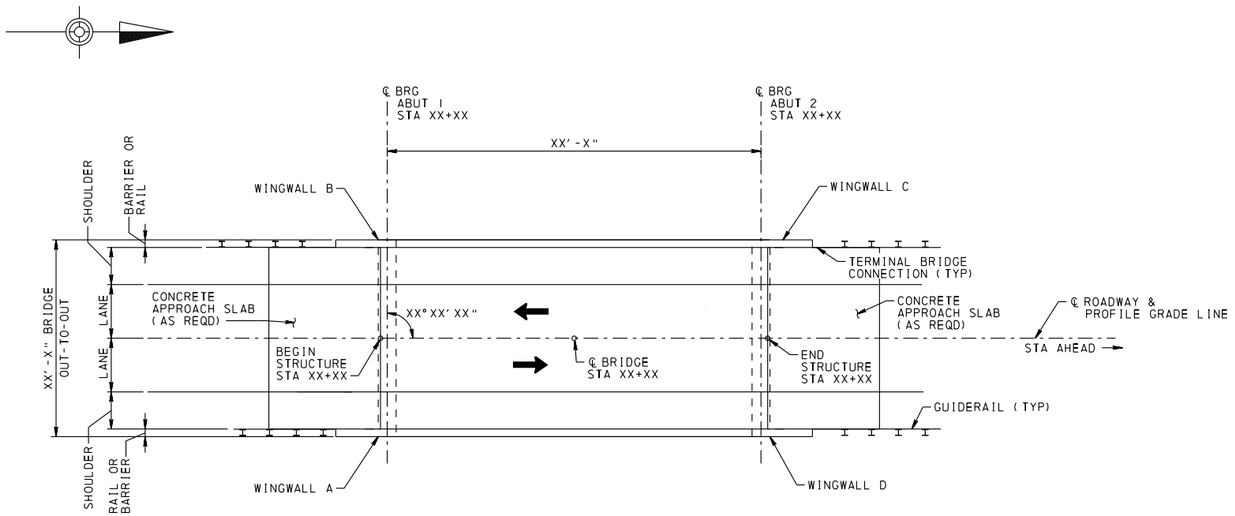
Design-Build construction of new commuter rail station. Project included relocation of 1200 l.f. of track, installation of inbound & outbound platforms and foundations, installation of four elevators, utilities, sitework, Oversaw project through proposal and estimating phase. As Project Manager, John was responsible for all project design and construction, safety and quality. He prepared and secured approval of Quality, Safety and Project Management Programs. Oversaw subcontracts, material procurement and work plan preparation for major activities.

Drawings, Graphs, and Data

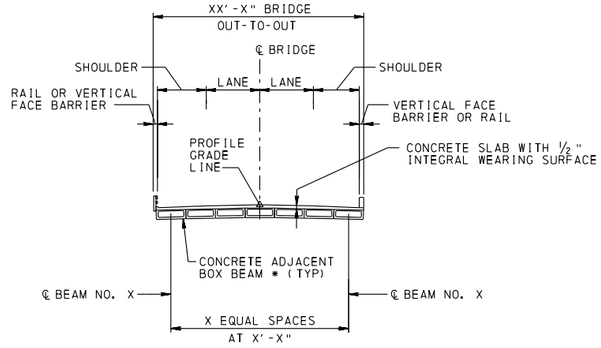
Drawings, Graphs, and Data

Replacement Bridge Structures

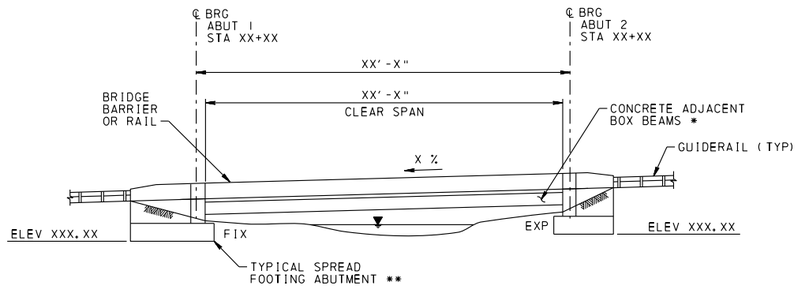
D-9002 CADD (02-90) REVISED (05-97)



PLAN



TYPICAL SECTION
(CONCRETE ADJACENT BOX BEAM)



ELEVATION

* SPREAD BOX BEAMS, STEEL ROLLED SECTIONS, PLATE GIRDERS, CONCRETE I-BEAMS AND PA BULB TEE BEAMS SIMILAR

** SPREAD FOOTING ABUTMENT SHOWN, OTHER FOUNDATION TYPES SIMILAR

15 0 15 30 FEET

Mark	Description	By	Chk'd.	App'd.	Date
	REVISIONS				

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. 1111
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
CONCRETE ADJACENT BOX BEAMS ON SPREAD FOOTING ABUTMENTS
GENERAL PLAN & ELEVATION

RECOMMENDED _____

SHEET 1 OF 8

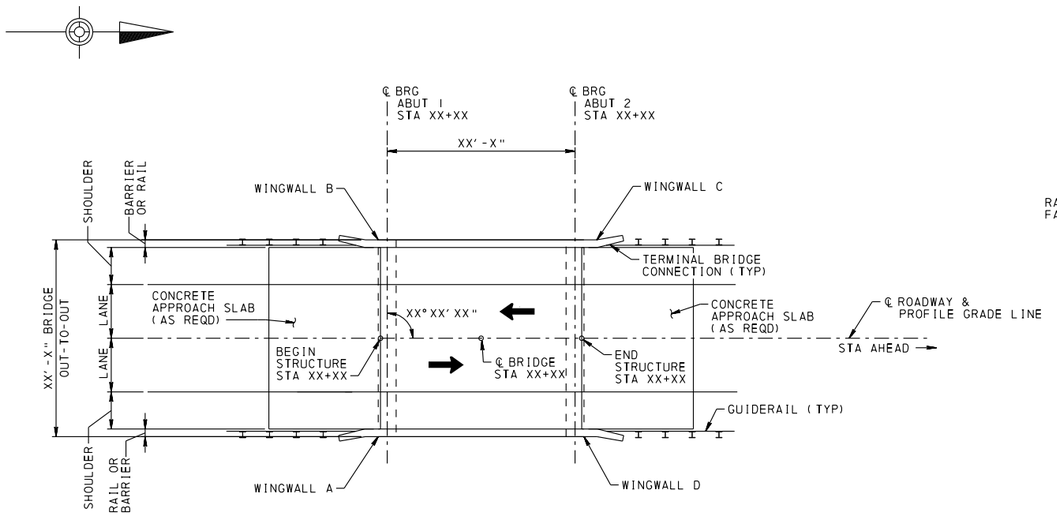
S-XXXXX

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

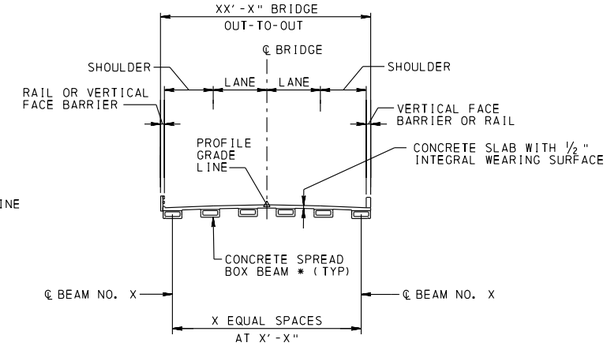
DES: MJP | DWG: SWM | CKD: JAF

USER:SMCILL | PLOT DRIVER:PennDOT PDF Mono.p1cfg | PLOT DATE:09-15-2014 21:04:44 PM
PATH:3540671000000023239?\13.00.CAD\13.02.Contract Files\Sheet Files\23.Structure\B BRIDGES\BRADD\Pittsburgh BRADD runs\Example Plans
FILE:Adjacent Box Beams.dgn | MODEL:Default

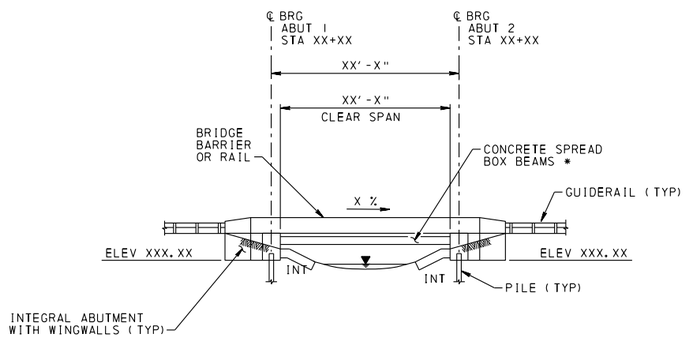
D-9002 CADD (02-90) REVISED (05-97)



PLAN



TYPICAL SECTION
(CONCRETE SPREAD BOX BEAM)



ELEVATION

* STEEL ROLLED SECTIONS, PLATE GIRDERS, ADJACENT BOX BEAMS, CONCRETE I-BEAMS AND PA BULB TEE BEAMS SIMILAR

15 0 15 30 FEET

Mark	Description	By	Chk'd.	App'd.	Date
	REVISIONS				

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. 1111
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
SPREAD BOX BEAMS ON INTEGRAL ABUTMENTS
GENERAL PLAN & ELEVATION

RECOMMENDED _____

SHEET 2 OF 8

S-XXXXX

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

DES: MJP | DWG: SWM | CKD: JAF

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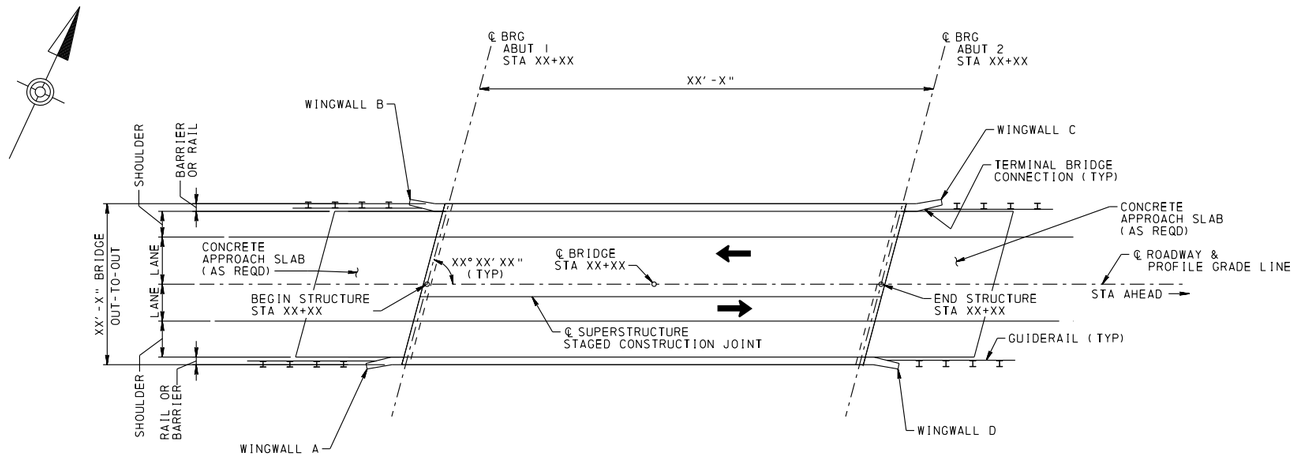
D-9002 CADD (02-90) REVISED (05-97)



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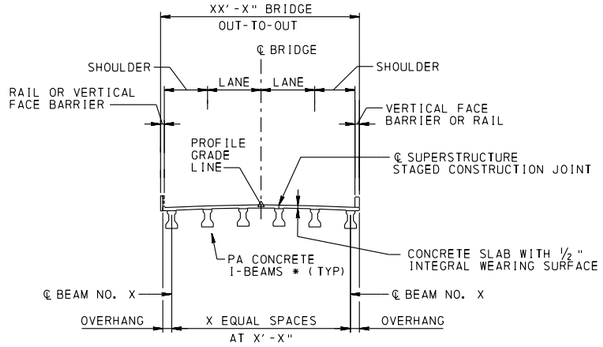
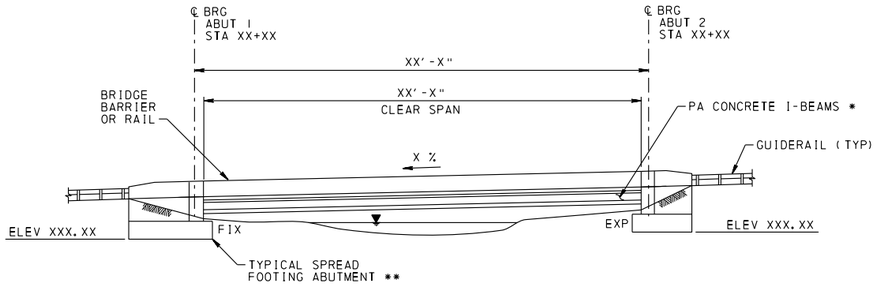


TYPICAL SECTION
(CONCRETE I-BEAM)



ELEVATION

* ADJACENT BOX BEAMS, SPREAD BOX BEAMS, STEEL ROLLED SECTIONS, PLATE GIRDERS, AND PA BULB TEE BEAMS SIMILAR

** SPREAD FOOTING ABUTMENT SHOWN, OTHER FOUNDATION TYPES SIMILAR

15 0 15 30 FEET

Mark	Description	By	Chk'd.	App'd.	Date
	REVISIONS				

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. 1111
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
CONCRETE I-BEAMS ON SPREAD FOOTING ABUTMENTS
GENERAL PLAN & ELEVATION

RECOMMENDED _____

SHEET 3 OF 8

S-XXXXX

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

DES: MJP | DWG: SWM | CKD: JAF

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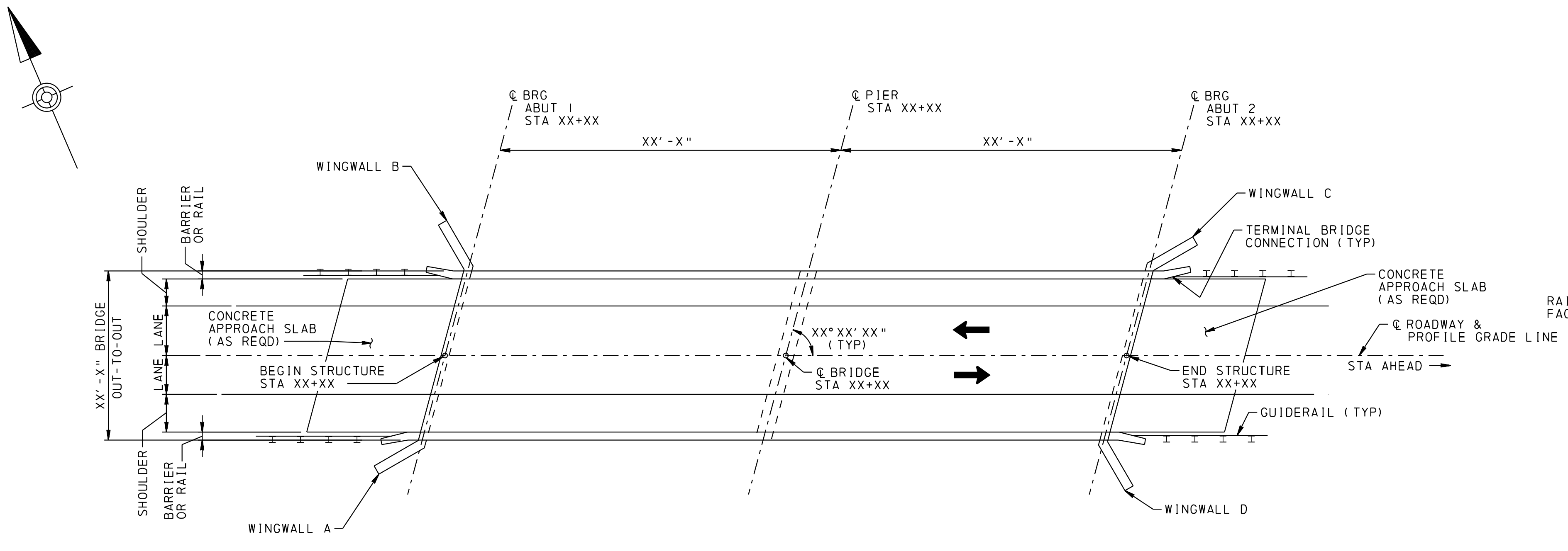

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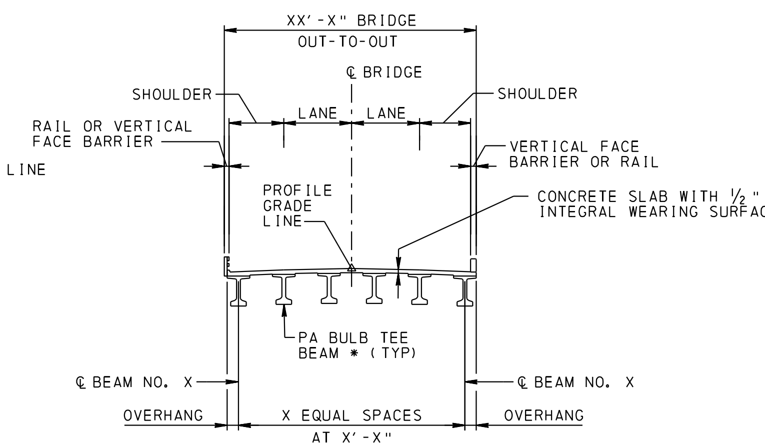
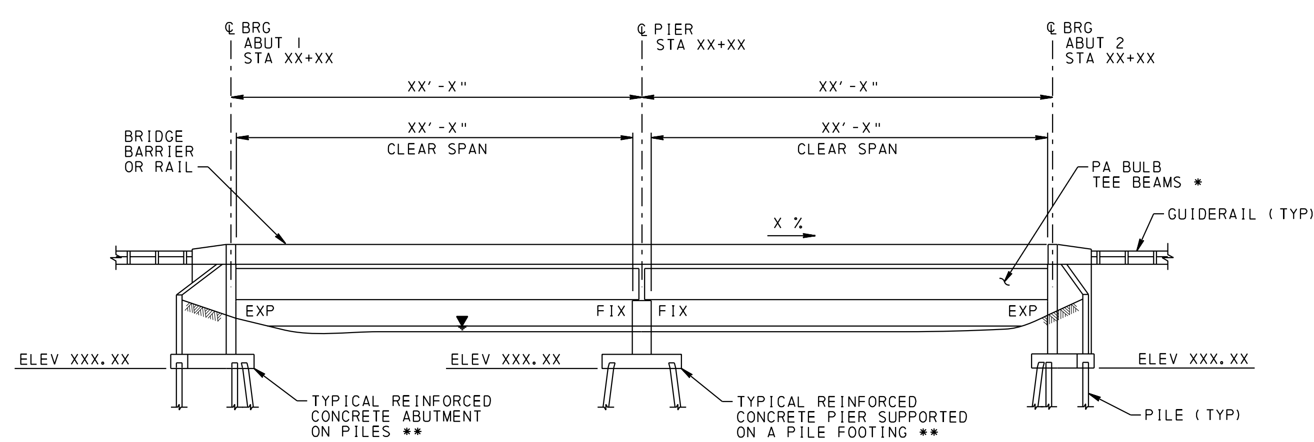


TYPICAL SECTION
(PA BULB TEE)



ELEVATION

* STEEL ROLLED SECTIONS OR PLATE GIRDERS, SPREAD BOX BEAMS, ADJACENT BOX BEAMS, AND CONCRETE I-BEAMS SIMILAR

** REINFORCED CONCRETE SUBSTRUCTURES ON PILES SHOWN, OTHER FOUNDATION TYPES SIMILAR

15 0 15 30 FEET

Mark	Description	By	Chk'd.	App'd.	Date

REVISIONS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. IIII
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
PA BULB TEE BEAMS ON PILE SUPPORTED FOUNDATIONS
GENERAL PLAN & ELEVATION

RECOMMENDED ____________________

SHEET 4 OF 8

S-XXXXX

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

DES: MJP | DWG: SWM | CKD: JAF

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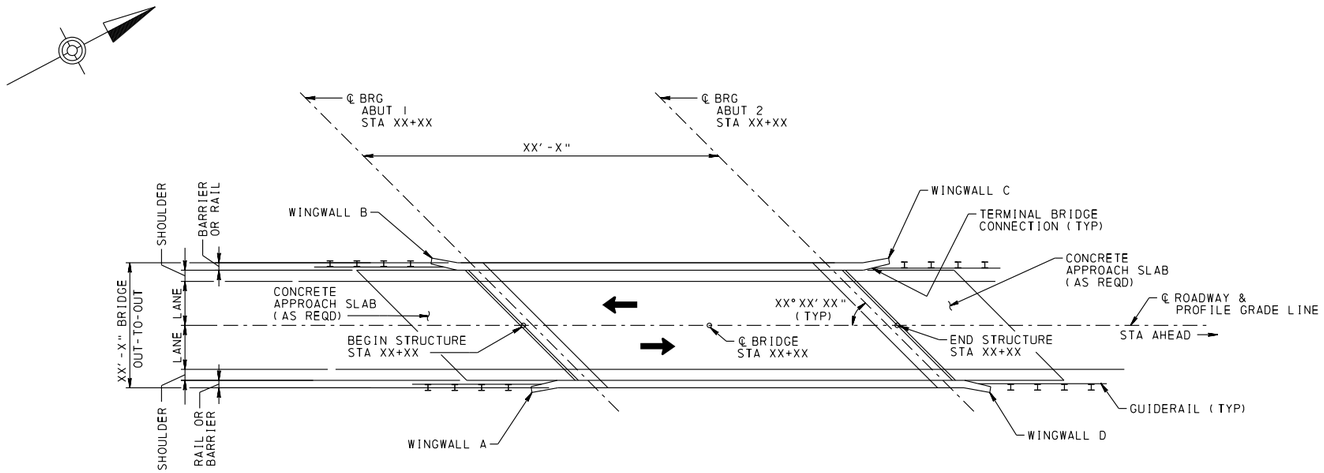

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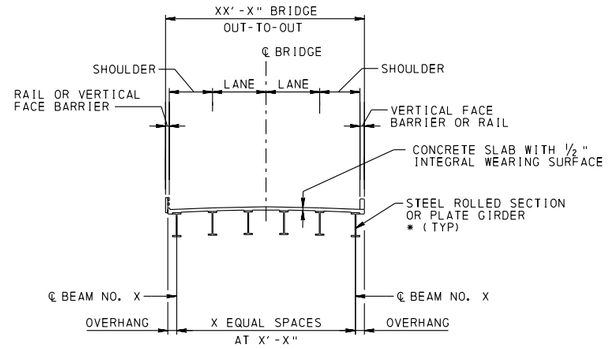
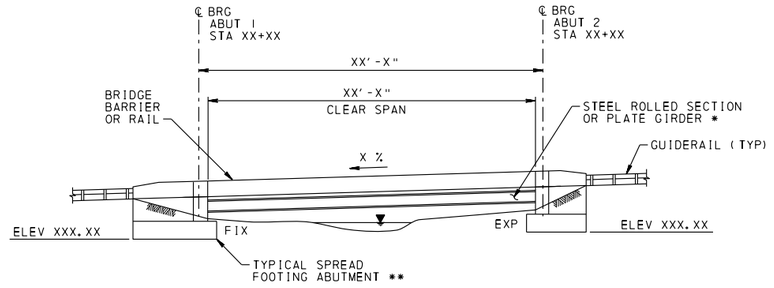


TYPICAL SECTION
(STEEL ROLLED SECTION OR PLATE GIRDER)



ELEVATION

* ADJACENT BOX BEAMS, SPREAD BOX BEAMS, CONCRETE I-BEAMS, AND PA BULB TEE BEAMS SIMILAR

** SPREAD FOOTING ABUTMENT SHOWN, OTHER FOUNDATION TYPES SIMILAR

Mark	Description	By	Chk'd.	App'd.	Date
	REVISIONS				

15 0 15 30 FEET

DES: MJP | DWG: SWM | CKD: JAF

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. 1111
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
STEEL ROLLED SECTION ON SPREAD FOOTING ABUTMENT
GENERAL PLAN & ELEVATION

RECOMMENDED _____

SHEET 5 OF 8

S-XXXXX

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

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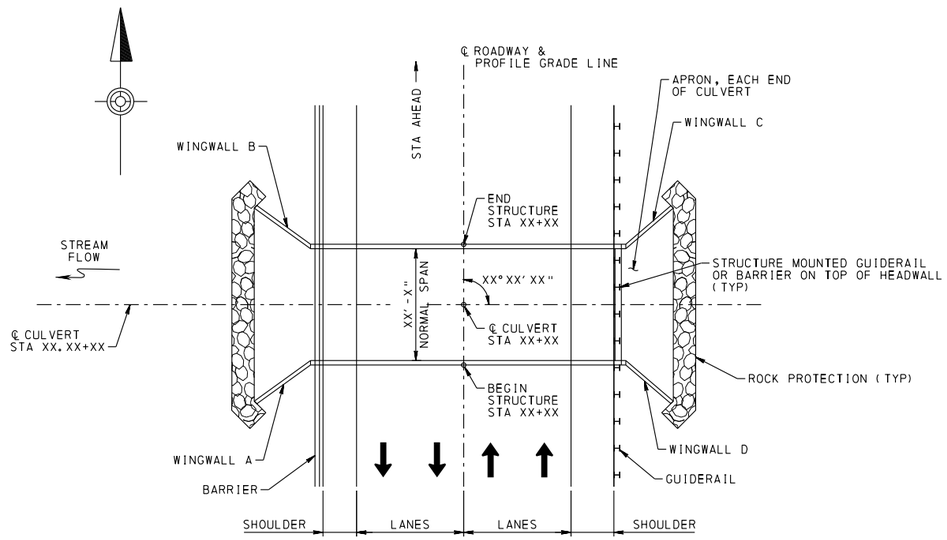
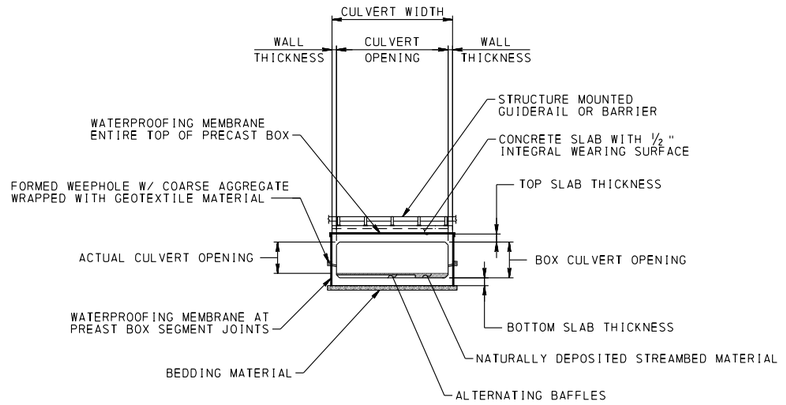
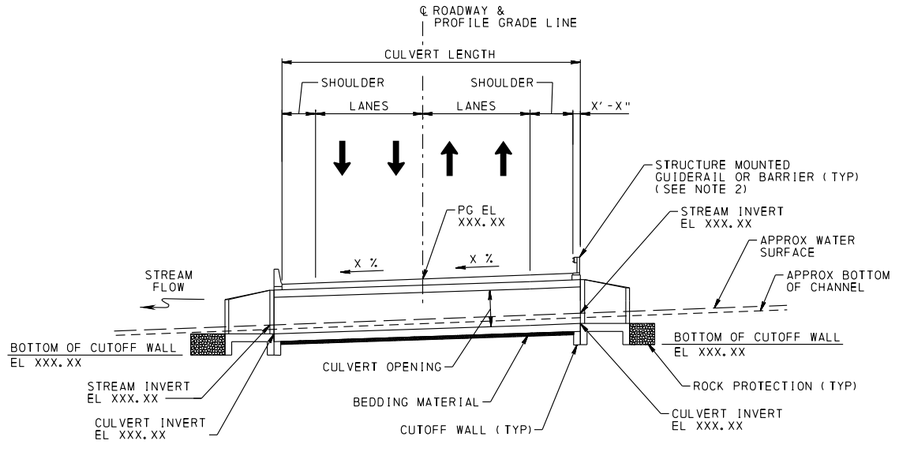
D-9002 CADD (02-90) REVISED (05-97)



PLAN



TYPICAL SECTION



SECTION THROUGH ℄ CULVERT

(LOOKING AHEAD STATION)

NOTES:

1. FOR STAGED CONSTRUCTION SEQUENCE, SEE SHEET 7 OF 8.
2. FOR DEEPER FILL SECTIONS, GUIDERAIL POST MAY BE DRIVEN INTO THE GROUND OR BARRIER MOUNTED ON A FOUNDATION.

Mark	Description	By	Chk'd.	App'd.	Date
	REVISIONS				

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. 1111
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
REINFORCED CONCRETE BOX CULVERT
GENERAL PLAN & ELEVATION

RECOMMENDED _____

SHEET 6 OF 8

S-XXXXX

15 0 15 30 FEET

DES: MJP | DWG: ACE | CKD: JAF

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

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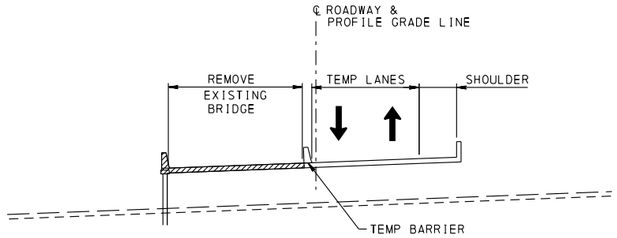
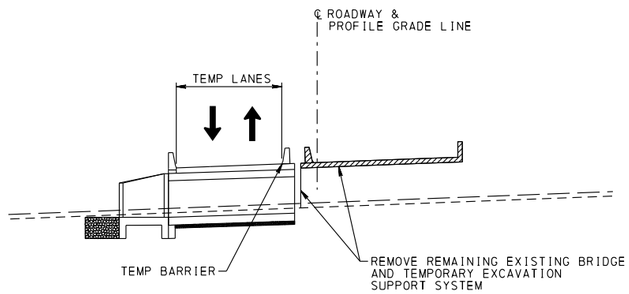


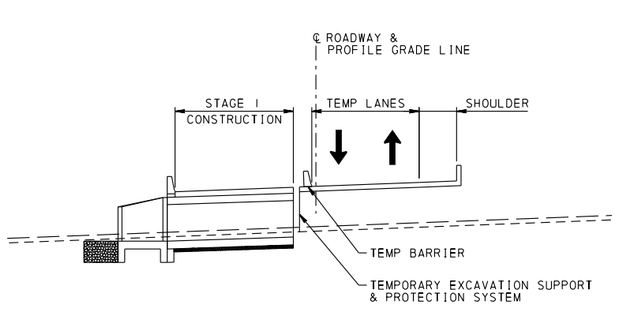
STAGE 1A CONSTRUCTION SECTION

(LOOKING AHEAD STATION)



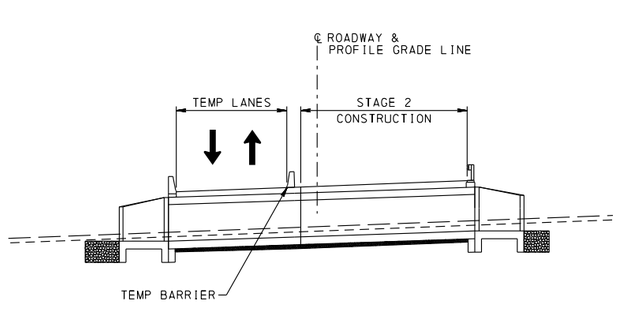
STAGE 2A CONSTRUCTION SECTION

(LOOKING AHEAD STATION)



STAGE 1B CONSTRUCTION SECTION

(LOOKING AHEAD STATION)



STAGE 2B CONSTRUCTION SECTION

(LOOKING AHEAD STATION)

NOTES:

1. WORK THIS SHEET WITH SHEET 6 OF 8.
2. STAGING FOR CULVERTS SHOWN, BRIDGE STAGED CONSTRUCTION SIMILAR.

Mark	Description	By	Chk'd.	App'd.	Date
REVISIONS					

15 0 15 30 FEET

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. 1111
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
REINFORCED CONCRETE BOX CULVERT
CULVERT STAGED CONSTRUCTION

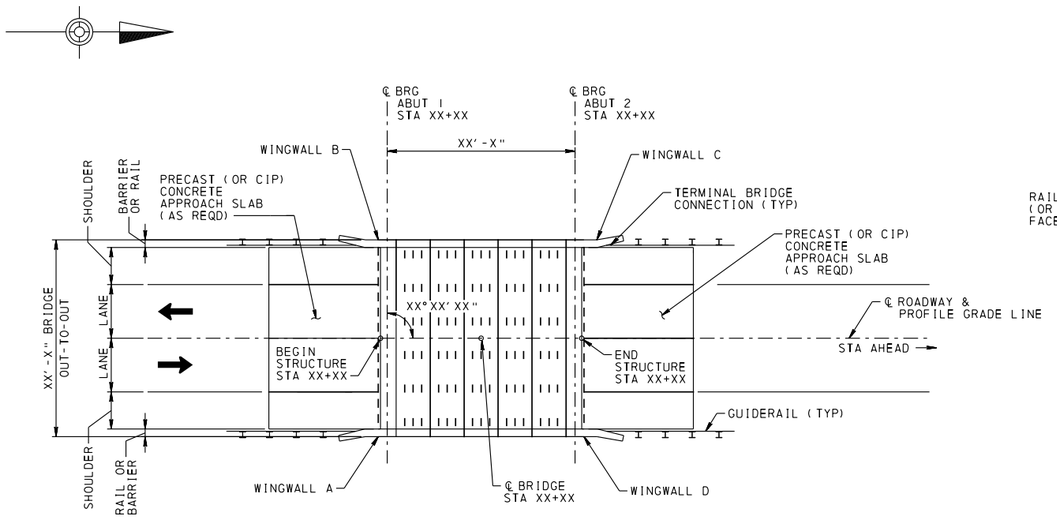
RECOMMENDED _____

SHEET 7 OF 8

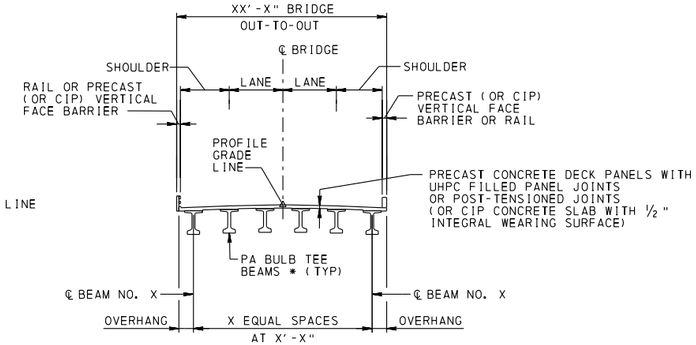
S-XXXXX

DES: MJP | DWG: ACE | CKD: JAF

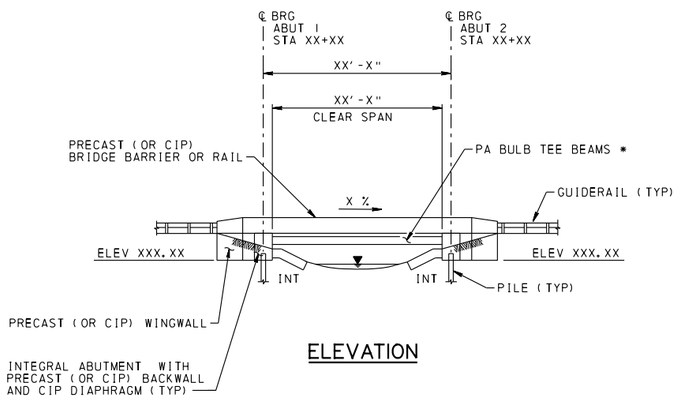
D-9002 CADD (02-90) REVISED (05-97)



PLAN



TYPICAL SECTION
(PA BULB TEE BEAM)



ELEVATION

* STEEL ROLLED SECTIONS, PLATE GIRDERS, ADJACENT BOX BEAMS, CONCRETE I-BEAMS AND SPREAD BOX BEAMS SIMILAR

15 0 15 30 FEET

Mark	Description	By	Chk'd.	App'd.	Date
	REVISIONS				

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

XXXXXXXXXX COUNTY
S.R. 0000 SECTION A00
SEG. 0000 OFF. 1111
S.R. 0000 STA. 000+00.00
RAPID BRIDGE REPLACEMENT PROJECT
PRECAST MEMBER OPTIONS
GENERAL PLAN & ELEVATION

RECOMMENDED _____

SHEET 8 OF 8

S-XXXXX

DES: MJP | DWG: SWM | CKD: JAF

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

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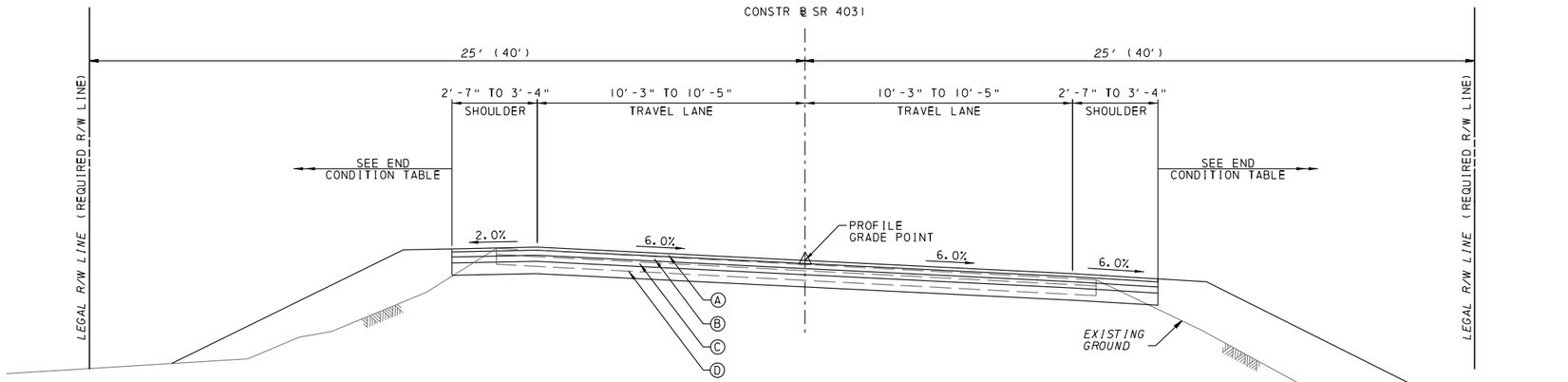
FILE:[PRECAST] Integral Abut-Simple Span.dgn | MODEL:Default

Roadway Elements

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	BEDFORD	4031	02B	1 OF 7
KIMMEL TOWNSHIP				

REVISION NUMBER	REVISIONS	DATE	BY



TYPICAL FULL DEPTH SUPERELEVATED SECTION

SR 4031
STA 106+73.45 TO STA 106+83.45
APPROACH SLAB STA 106+83.45 TO STA 107+08.45 NOT SHOWN
BRIDGE STA 107+08.45 TO STA 107+69.45 NOT SHOWN
APPROACH SLAB STA 107+69.45 TO STA 107+94.45 NOT SHOWN
STA 107+94.45 TO STA 108+04.45

END CONDITION TABLE				
			LEFT	RIGHT
STATION	TO	STATION		
105+50.00		107+08.45	DETAIL A	
105+50.00		106+17.00		DETAIL B
106+17.00		107+08.45		DETAIL A
107+69.45		108+54.00	DETAIL A	
107+69.45		108+66.00		DETAIL A
108+54.00		109+15.00	DETAIL B	
108+66.00		109+15.00		DETAIL B

SEE SHEETS 5 AND 6 FOR DETAILS

PAVEMENT DESIGN:

Ⓐ SUPERPAVE ASPHALT MIXTURE DESIGN, HMA WEARING COURSE, PG 64-22, < 0.3 MILLION ESALS, 9.5 MM MIX, 1½" DEPTH, SRL-G

OR

WARM MIX ASPHALT (WMA) WEARING COURSE, PG 64-22, < 0.3 MILLION ESALS, 9.5 MM MIX, 1½" DEPTH, SRL-G

Ⓑ SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BINDER COURSE, PG 64-22, < 0.3 MILLION ESALS, 19.0 MM MIX, 2½" DEPTH

OR

WARM MIX ASPHALT (WMA) BINDER COURSE, PG 64-22, < 0.3 MILLION ESALS, 19.0 MM MIX, 2½" DEPTH

Ⓒ SUPERPAVE ASPHALT MIXTURE DESIGN, HMA BASE COURSE, PG 64-22, < 0.3 MILLION ESALS, 25.0 MM MIX, 3" TO 15" DEPTH

OR

WARM MIX ASPHALT (WMA) BASE COURSE, PG 64-22, < 0.3 MILLION ESALS, 25.0 MM MIX, 3" TO 15" DEPTH

Ⓓ SUBBASE 6" TO 8" DEPTH (NO. 2A)

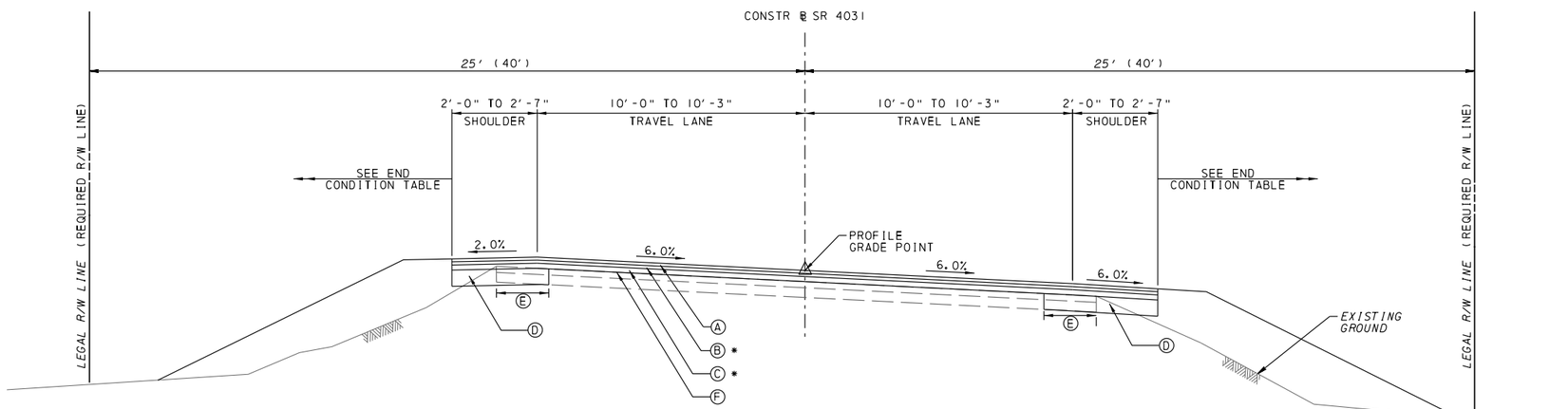
Ⓔ RETAIN EXISTING PAVEMENT WITHIN LIMITS OF EXISTING SHOULDER IF EXISTING SHOULDER AND TRAVEL LANE PAVEMENT MATCH.

Ⓕ BITUMINOUS TACK COAT

TRAFFIC DATA

CURRENT A.D.T. - 1136 (2015)
DESIGN YEAR A.D.T. - 1178 (2035)
D.H.V. - 124
D - 55%
T - 6%

ESAL - XX



TYPICAL OVERLAY SUPERELEVATED SECTION

SR 4031
STA 105+50.00 TO STA 106+73.45
STA 108+04.45 TO STA 109+15.00

NOTES

* IF REQUIRED BASED ON PROFILE ADJUSTMENT

DETAILS SHOWN IN THIS PLAN SET REFLECT THE MAJORITY OF CONDITIONS TO BE ENCOUNTERED.

SUPERELEVATION IS ROTATED ABOUT THE CENTERLINE OF PAVEMENT.

SEEDING & SOIL SUPPLEMENTS
-FORMULA C AND MULCHING (SLOPES STEEPER THAN 3:1)

SEEDING & SOIL SUPPLEMENTS
-FORMULA B AND MULCHING ON 4" OF TOPSOIL (SLOPES 3:1 AND FLATTER)

SEEDING & SOIL SUPPLEMENTS
-FORMULA W AND MULCHING (FOR STREAM BANKS)

** SHOULDER WIDTH LESS THAN 2' SHALL BE SLOPED WITH TRAVEL LANE PAVEMENT

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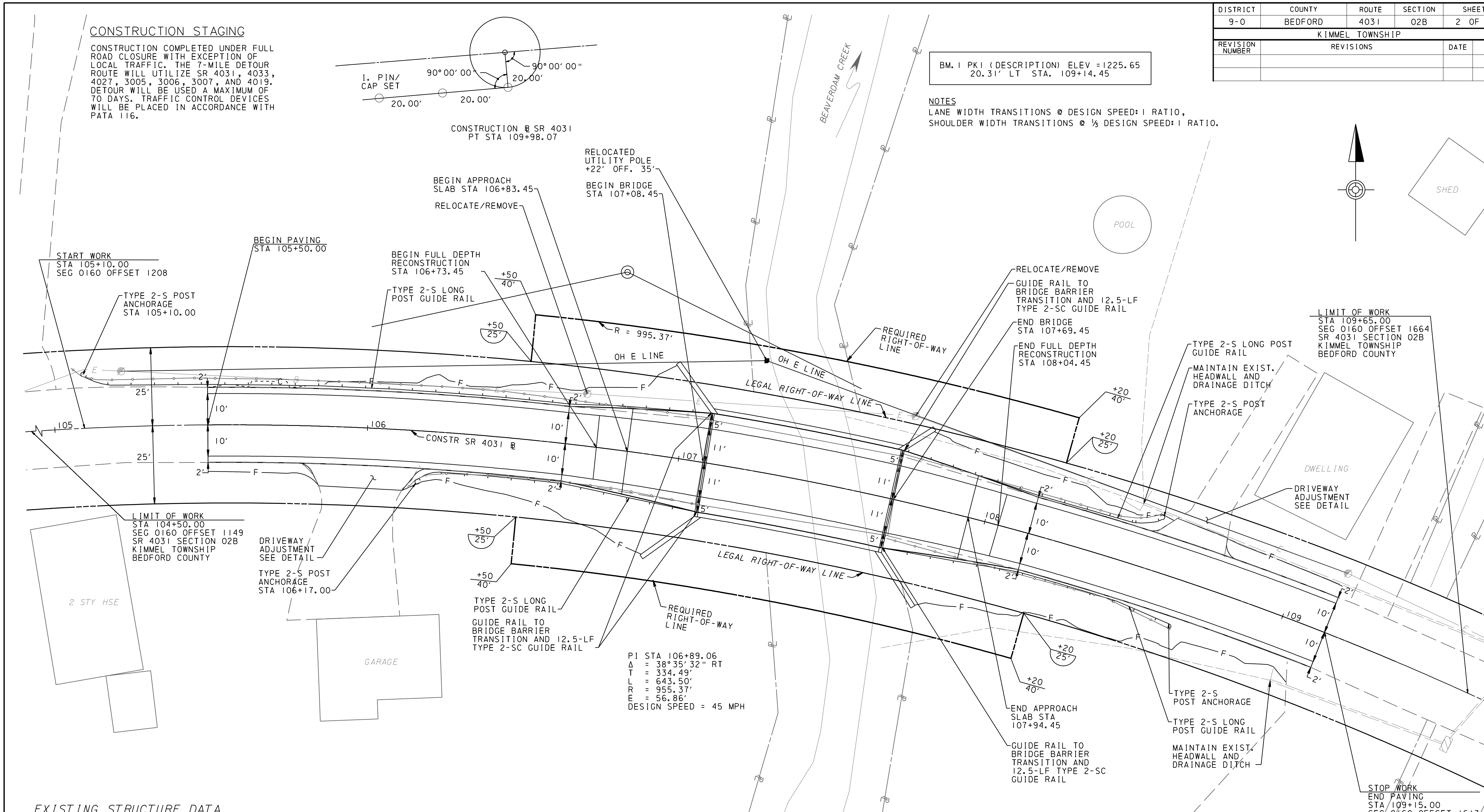
DES: SWE | DWG: DMY | CKD: WG

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	BEDFORD	4031	02B	2 OF 7

KIMMEL TOWNSHIP

REVISION NUMBER	REVISIONS	DATE	BY



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EXISTING STRUCTURE DATA

STA 107+38.45
TYPE - SINGLE SPAN ROLLED STEEL I-BEAM BRIDGE
SPAN - 61′-0″
UNDER CLEAR - 12′-0″
CLEAR RDWY WIDTH - 24′-00″

PROPOSED STRUCTURE DATA

S.R. 4031 OVER BEAVER DAM ROAD
STA 107+38.45
TYPE - SINGLE SPAN ADJACENT BOX BEAM

SPAN - 61′-0″
UNDER CLEAR - 12′-0″
SKEW - 90°
ROADWAY WIDTH - 32′-0″
STRUCTURE S-45489
RECOMMENDED

HYDRAULIC DATA

DRAINAGE AREA= 5.7 SQ MI
DESIGN FLOOD: 10 YEARS
MAGNITUDE= 500 CFS
FREQUENCY= 10 YEARS
VELOCITY= 3.5 FPS
PERT. W.S. ELEV.= 1212.50

100 YR. FLOOD RISK ASSESSMENT:
MAGNITUDE= 3000 CFS
VELOCITY= 4 FPS
W.S. ELEV.= 1216.50

FLOOD OF RECORD
MAGNITUDE= N/A
VELOCITY= N/A
FREQUENCY= N/A YEARS
W.S. ELEV.= N/A

SR 4031 DESIGN DESIGNATION

		TRAFFIC DATA	
FUNCTIONAL CLASSIFICATION	- MINOR COLLECTOR	CURRENT A.D.T.	- 1,134 (2014)
ROADWAY TYPOLOGY	- NEIGHBORHOOD COLLECTOR, RURAL	DESIGN YEAR A.D.T.	- 1,178 (2034)
		D.H.V.	- 115
DESIGN SPEED	- 45 MPH	D	- 55
PAVEMENT WIDTH	- 22′-0″ (2 - 11′ LANES)	T	- 9%
SHOULDER WIDTH	- 5′-0″		

SCALE 0 15 30 FEET

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

DES: SWE | DWG: DMY | CKD: WG | FOR PROFILE, SEE SHEET 3 | SURVEY BOOK NO

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	BEDFORD	4031	02B	3 OF 7
KIMMEL TOWNSHIP				

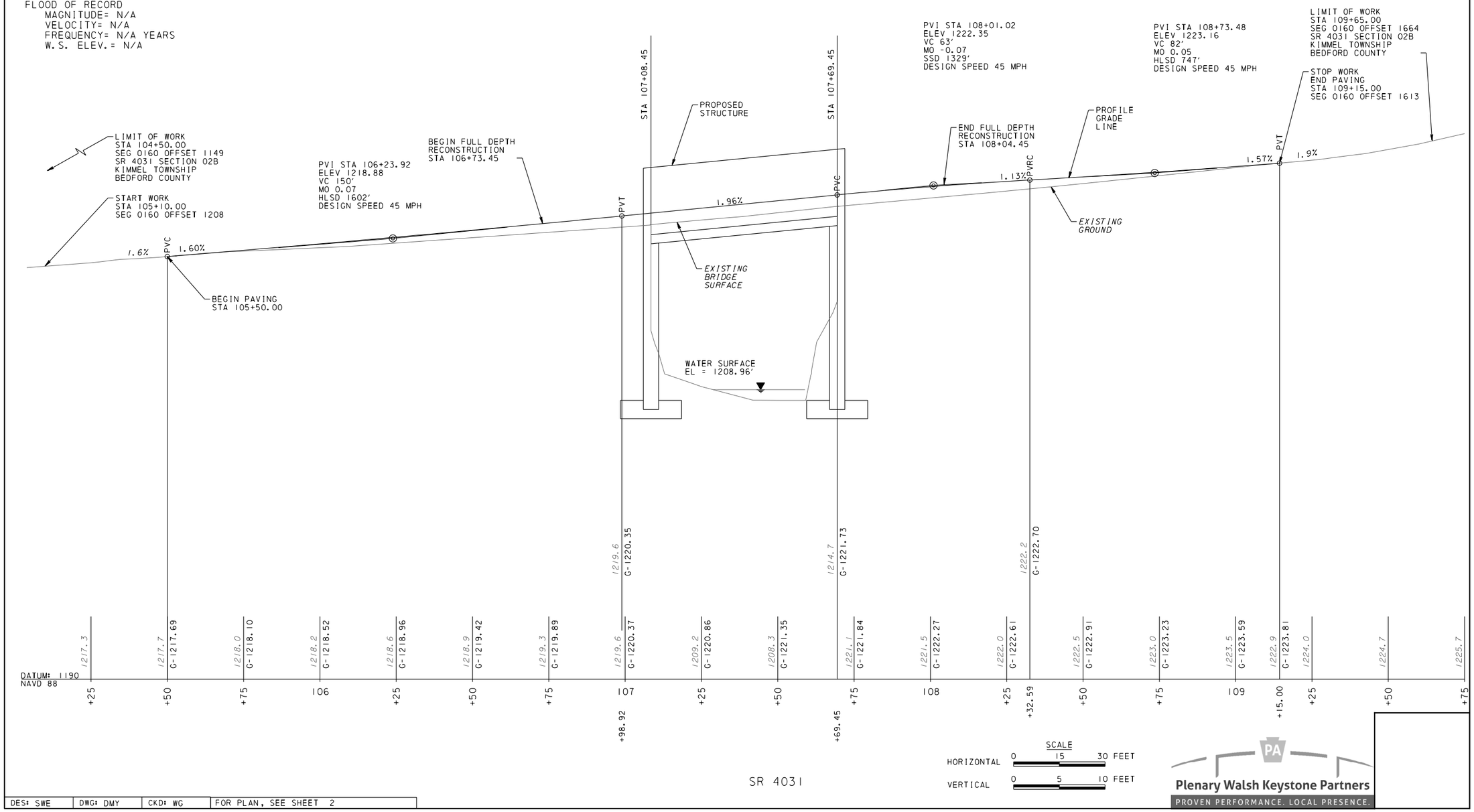
REVISION NUMBER	REVISIONS	DATE	BY

HYDRAULIC DATA

DRAINAGE AREA= 5.7 SQ MI
DESIGN FLOOD: 10 YEARS
MAGNITUDE= 500 CFS
FREQUENCY= 10 YEARS
VELOCITY= 3.5 FPS
PERT. W.S. ELEV.= 1212.50

100 YR. FLOOD RISK ASSESSMENT:
MAGNITUDE= 3000 CFS
VELOCITY= 4 FPS
W.S. ELEV.= 1216.50

FLOOD OF RECORD
MAGNITUDE= N/A
VELOCITY= N/A
FREQUENCY= N/A YEARS
W.S. ELEV.= N/A



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DES: SWE | DWG: DMY | CKD: WG | FOR PLAN, SEE SHEET 2

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	BEDFORD	4031	02B	4 OF 7
KIMMEL TOWNSHIP				

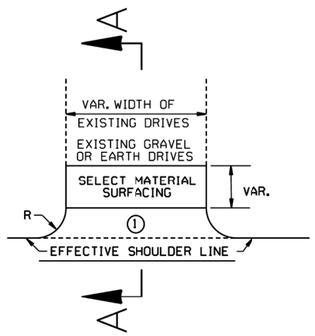
REVISION NUMBER	REVISIONS	DATE	BY
.			
.			

SUMMARY OF PROJECT COORDINATES

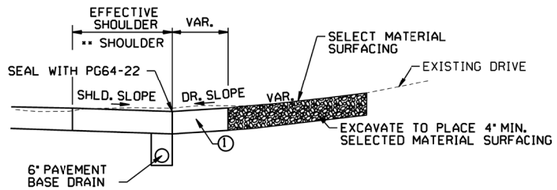
BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM SOUTH (NAD 83)

ROUTE	STATION	POINT	COORDINATES		BEARING
			NORTH (Y)	EAST (X)	
CONSTR BASELINE SR 4031	100+00.00	POT	338,250.5565	1,761,713.3616	
	103+54.57	PC	338,324.7610	1,762,060.0772	N 77°55'11" E
	106+89.06	PI	338,394.7641	1,762,387.1624	N 77°55'11" E
	109+98.07	PT	338,245.4523	1,762,686.4801	S 63°29'17" E
	112+19.66	POT	338,146.5380	1,762,884.7684	S 63°29'17" E

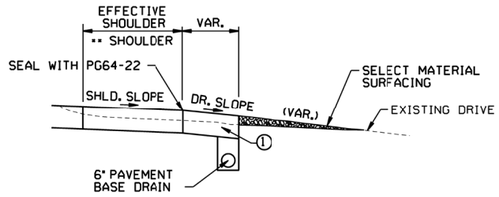
NOTE: FOUR (4) PLACE COORDINATES ARE USED FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY A PRECISION BEYOND TWO (2) DECIMAL PLACES.



ROADWAY PLAN



CUT SECTION



FILL SECTION

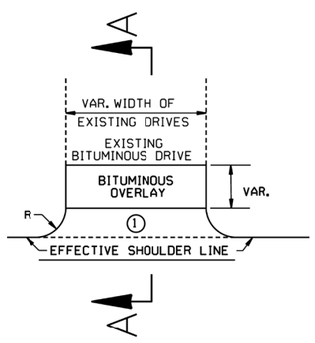
PROFILE OF EXISTING DRIVES
TREATMENT FOR EXISTING GRAVEL AND EARTH DRIVES

(1) MATCH SHOULDER PAVEMENT

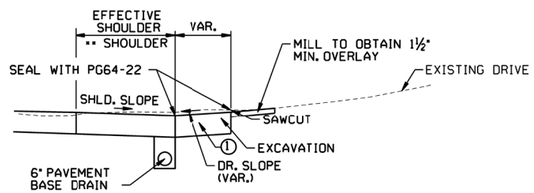
(2) MATCH EXISTING

NOTES:
SEE THE PENNSYLVANIA CODE CHAPTER 441, ACCESS TO AND OCCUPANCY OF HIGHWAYS BY DRIVEWAYS AND LOCAL ROADS, FOR ADDITIONAL INFORMATION.

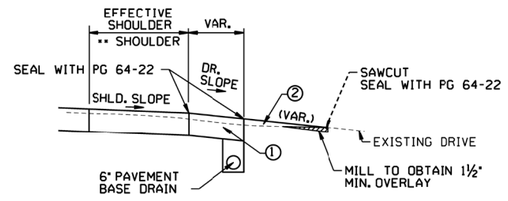
•• SEE SHEET 1 FOR ROADWAY SHOULDER



ROADWAY PLAN



CUT SECTION



FILL SECTION

PROFILE OF EXISTING DRIVES
TREATMENT FOR EXISTING BITUMINOUS DRIVES

DES: SWE | DWG: DMY | CKD: SWE

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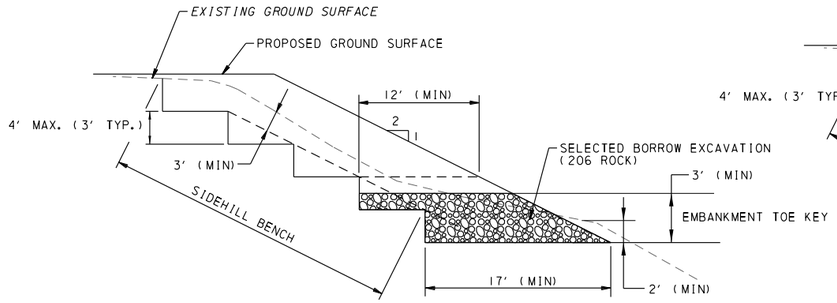
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	BEDFORD	4031	02B	5 OF 7
KIMMEL TOWNSHIP				

REVISION NUMBER	REVISIONS	DATE	BY

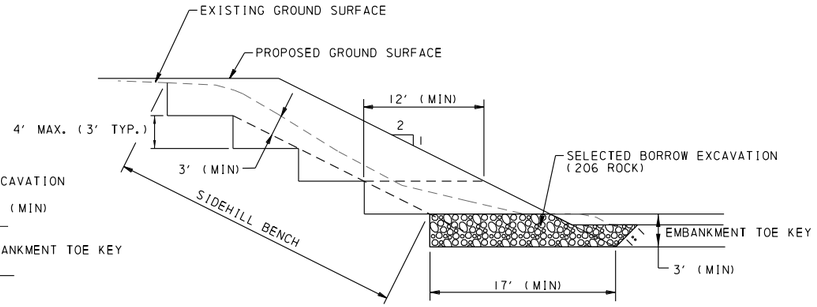


TYPE 1 WIDENED EMBANKMENT DETAIL

(TO BE USED FOR SLIVER FILL CONDITIONS)

NOTES:

1. FOR NEW EMBANKMENTS OF SOIL, GRANULAR MATERIAL OR SHALE (PUB. 408M), FILL BENCHES MAY BE CUT FROM BOTTOM UP DURING PLACEMENT OF EMBANKMENTS. IN THAT CASE, SUITABLE MATERIAL FROM BENCHES SHOULD BE BLENDED WITH THE NEW FILL FOR COMPACTION.

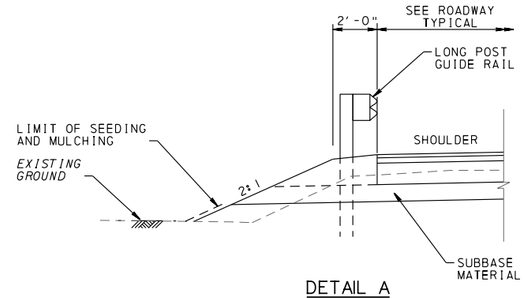


TYPE 2 WIDENED EMBANKMENT DETAIL

(FOR FULL HEIGHT EMBANKMENTS)

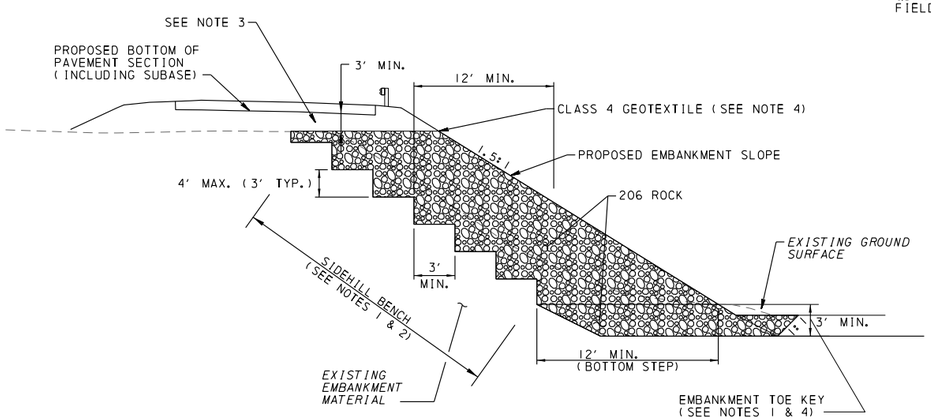
NOTES:

1. FOR NEW EMBANKMENTS OF SOIL, GRANULAR MATERIAL OR SHALE (PUB. 408M), FILL BENCHES MAY BE CUT FROM BOTTOM UP DURING PLACEMENT OF EMBANKMENTS. IN THAT CASE, SUITABLE MATERIAL FROM BENCHES SHOULD BE BLENDED WITH THE NEW FILL FOR COMPACTION.
2. AREAS OF UNDERCUT AT EMBANKMENT TOE ARE IN ADDITION TO FILL BENCH EXCAVATION SHOWN IN DETAIL.
3. FOR BENCHES CUT FOR THE BOTTOM UP, MAXIMUM CUT HEIGHT IS 4 FT (NOMINAL OR TRIM EXISTING SLOPE ABOVE BENCH TO MAINTAIN STABILITY.
4. FILL BENCH CONFIGURATIONS AND NOMINAL SLOPES SHOWN ON THE CROSS SECTIONS ARE FOR ESTIMATES OF QUANTITIES. ACTUAL QUANTITIES AND CONFIGURATIONS WILL BE DETERMINED BASED ON FIELD CONDITIONS.



DETAIL A
2:1 FILL SLOPE WITH GUIDE RAIL

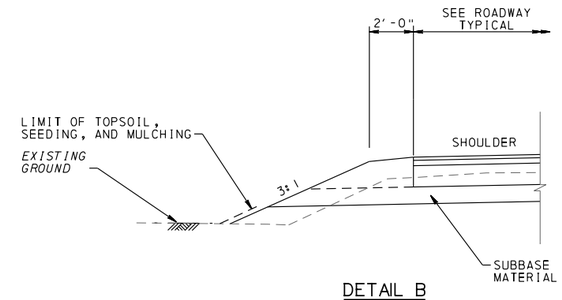
NOT TO SCALE



TYPE 1 STEEPENED EMBANKMENT DETAIL

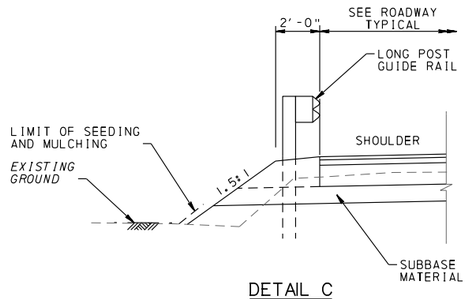
NOTES:

1. COORDINATE STEEPENED EMBANKMENT CONSTRUCTION WITH TYPICAL EMBANKMENT TOE KEY CONSTRUCTION AND TYPICAL SIDEHILL BENCH CONSTRUCTION AS SHOWN OR AS DIRECTED.
2. FOR NEW EMBANKMENTS CONSTRUCTED OF ROCK EMBANKMENT (206 ROCK), EXCAVATE MAXIMUM 1V:1H BACKSLOPE PRIOR TO ANY ROCK BACKFILL PLACEMENT. THEN CUT SIDEHILL BENCHES AS ROCK BACKFILL IS PLACED.
3. PLACE THE TOP 3 FEET OF NEW EMBANKMENT IN LIFTS NOT EXCEEDING 8 INCHES AND AT 100% COMPACTION PER PUBLICATION 408, SECTION 206. DO NOT PLACE MATERIAL THAT WILL IMPEDE GUIDE RAIL INSTALLATION.
4. IF DIRECTED, PLACE CLASS 4 GEOTEXTILE BETWEEN NEW EMBANKMENT AND ALONG THE BASE OF THE TOE BENCH EXCAVATIONS, TO PROVIDE SEPARATION BETWEEN NEW EMBANKMENT, IN-SITU SUBGRADE MATERIALS, AND NEW ROCK FILL. PLACE ONLY WHEN DIRECTED.



DETAIL B
3:1 FILL SLOPE WITHOUT GUIDE RAIL

NOT TO SCALE



DETAIL C
1.5:1 FILL SLOPE WITH GUIDE RAIL

NOT TO SCALE

USER: swills | PLOT DRIVER: PennDOT.PDF.Mono.pltcfg | PLOT DATE: 09-19-2014 21:59:32 PM
PSFN: | | MODEL: Default
FILE: 4031-BEAVER-RD-DET01.dgn

DES: SWE | DWG: DMY | CKD: SWE

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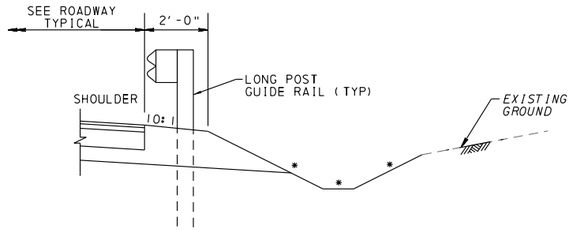
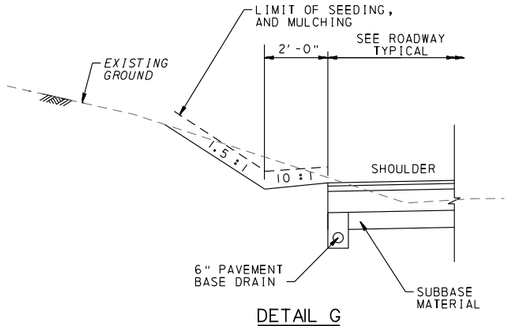
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	BEDFORD	4031	02B	6 OF 7
KIMMEL TOWNSHIP				

REVISION NUMBER	REVISIONS	DATE	BY



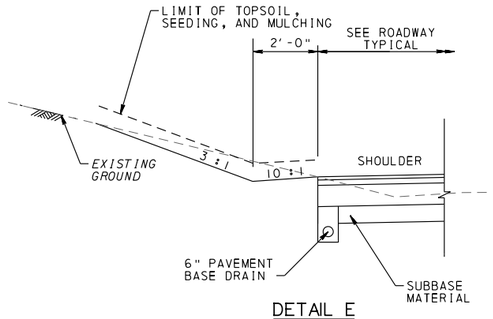
DETAIL D
DITCH DETAIL

NOT TO SCALE



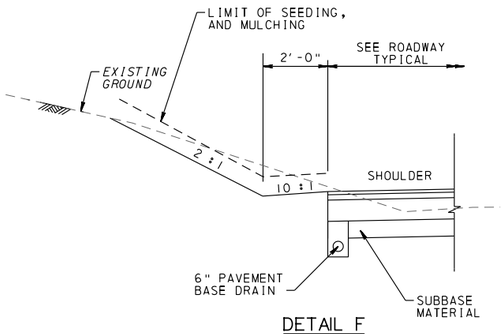
DETAIL G
1.5:1 CUT SLOPE

NOT TO SCALE



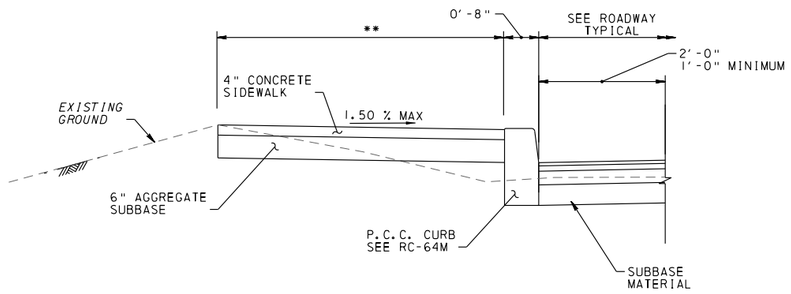
DETAIL E
3:1 CUT SLOPE

NOT TO SCALE



DETAIL F
2:1 CUT SLOPE

NOT TO SCALE



DETAIL H
CURB AND SIDEWALK CONDITION

SEE RC-67M FOR DETAILS

NOT TO SCALE

* DITCH DIMENSIONS TO BE DETERMINED BY DRAINAGE COMPUTATIONS

** MATCH EXISTING WIDTH 5'-0" MINIMUM

USER: sellis | PLOT DRIVER: PennDOT.PDF_Mono.pltcfg | PLOT DATE: 09-19-2014 3:00:02 PM
PATH: | MODEL: Default
FILE: 4031-BEAVER-RD-DET02.dgn

DES: SWE | DWG: DMY | CKD: SWE

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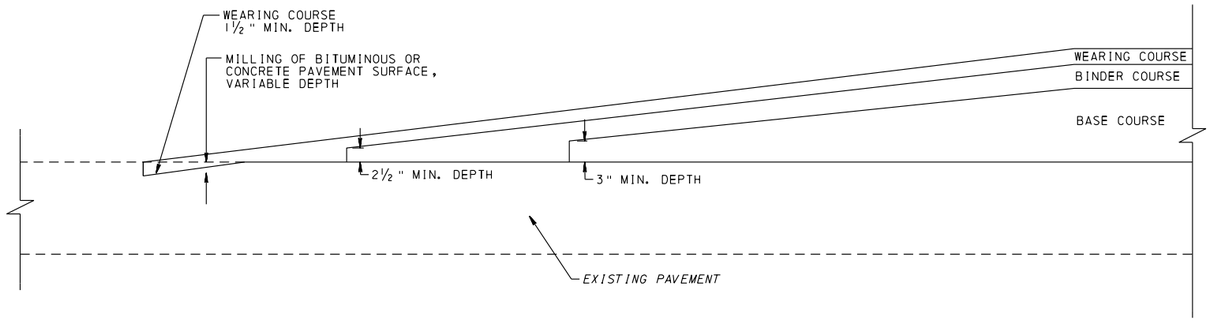
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	BEDFORD	4031	02B	7 OF 7
KIMMEL TOWNSHIP				

REVISION NUMBER	REVISIONS	DATE	BY

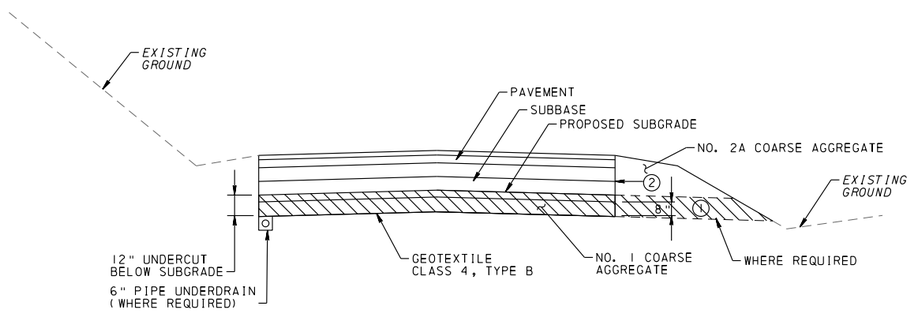


OVERLAY TRANSITION WITH PAVING NOTCH
ON CONCRETE AND BITUMINOUS PAVEMENTS

MINIMUM APPROACH LENGTHS FOR PROFILE ADJUSTMENTS (FT)

ELEV.	DESIGN SPEED (MPH)								
(IN.)	25	30	35	40	45	50	55	60	65
0	0	0	0	0	0	0	0	0	0
3	23	25	28	31	36	42	50	63	83
6	45	50	56	63	71	83	100	125	167
9	68	75	83	94	107	125	150	188	250
12	91	100	111	125	143	167	200	250	333
15	98	119	140	165	188	213	240	268	296
18	107	130	153	180	205	233	263	294	325
21	116	140	166	195	222	251	284	317	350
24	124	150	177	208	237	269	303	339	375

[BASED ON UNIFORM GRADIENT]

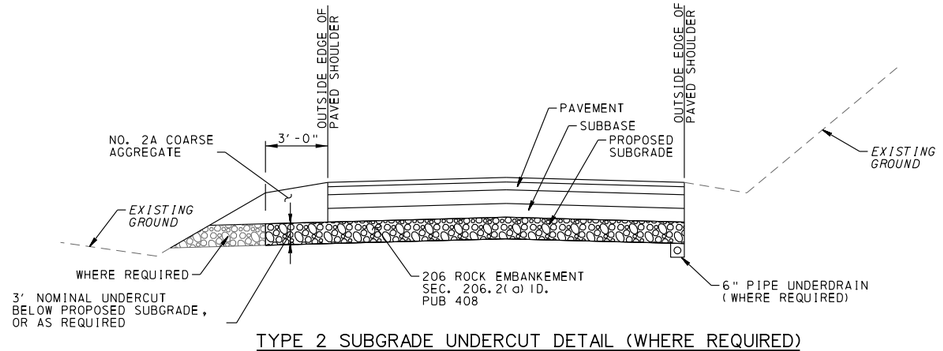


TYPE 1 SUBGRADE UNDERCUT DETAIL (WHERE REQUIRED)

NOT TO SCALE

NOTES:

1. COMPACTION AT POINTS (1) & (2).
2. A MINIMUM OF 8" OF NO. 1 COARSE AGGREGATE MUST BE IN PLACE OVER THE GEOTEXTILE BEFORE EQUIPMENT CAN BE PERMITTED TO PASS OVER IT.
3. REFERENCE POINT FOR UNDERCUTTING IS SUBGRADE ELEVATION. APPLY UNDERCUTTING TREATMENT AT LOCATIONS SPECIFIED AND AS DIRECTED BY THE ENGINEER. PLACE TYPE B CLASS 4 GEOTEXTILE WHERE REQUIRED.
4. UNDERDRAIN AND OUTLET PIPE TO BE INSTALLED WHERE REQUIRED.



TYPE 2 SUBGRADE UNDERCUT DETAIL (WHERE REQUIRED)

NOT TO SCALE

NOTES:

1. CLASS 4 GEOTEXTILE TYPE B MODIFIED MAY BE USED, AS DIRECTED BY THE ENGINEER, FOR SEPARATION PURPOSES, BETWEEN THE SUBBASE MATERIAL AND 206 ROCK.
2. AT LEAST 4 INCHES OF SUBBASE MATERIAL SHOULD BE IN PLACE ON GEOTEXTILE BEFORE PERMITTING COMPACTION EQUIPMENT TO PASS OVER IT.
3. UNDERDRAIN AND OUTLET PIPE TO BE INSTALLED WHERE REQUIRED.
4. UNDERCUT WHERE REQUIRED.

USER: sellis | PLOT DRIVER: PennDOT.PDF.Mono.pltcfg | PLOT DATE: 09-19-2014 3:00:29 PM
PATH: FILE: 4031-BEAVER-RD-DET03.dgn | MODEL: Default

DES: SWE | DWG: DMY | CKD: SWE

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Preliminary Context Sensitive Design and Aesthetics Master Plan

Preliminary Context Sensitive Design and Aesthetics Master Plan

CONTEXT SENSITIVE DESIGN AND AESTHETICS MASTER PLAN

Plenary Walsh Keystone Partners

PROVEN PERFORMANCE. LOCAL PRESENCE.

BRIDGE AESTHETIC LEVELS

Base

Base level of aesthetics will be applied to all bridges to be replaced as part of the Rapid Bridge Replacement Program.

The base aesthetic will incorporate the following bridge elements:

- Vertical Concrete Barriers
- Stamps

Nominal 1

Nominal 1 level aesthetics will build upon the base level. The elements to receive aesthetic treatments for this level will be based on views of the direct approach to the bridge and views as crossing the bridge.

The elements to be included for aesthetic treatment for this level will include the elements listed in the base level and any of the following based on site specific local context:

- Galvanized Steel Open Rail Bridge Barrier
- Stamps

Nominal 2

Nominal 2 level aesthetics will build upon the "base" level in a way that increases the aesthetic treatments to the outside of the bridge based on the view corridor.

The elements to be included for aesthetic treatment for this level will include the elements listed in the base level and any of the following based on site specific local context:

- Galvanized Steel Open Rail Bridge Barrier
- Abutment wall finishes
- Wing wall layout and finishes
- Stamps

Combined Nominal 1 and 2

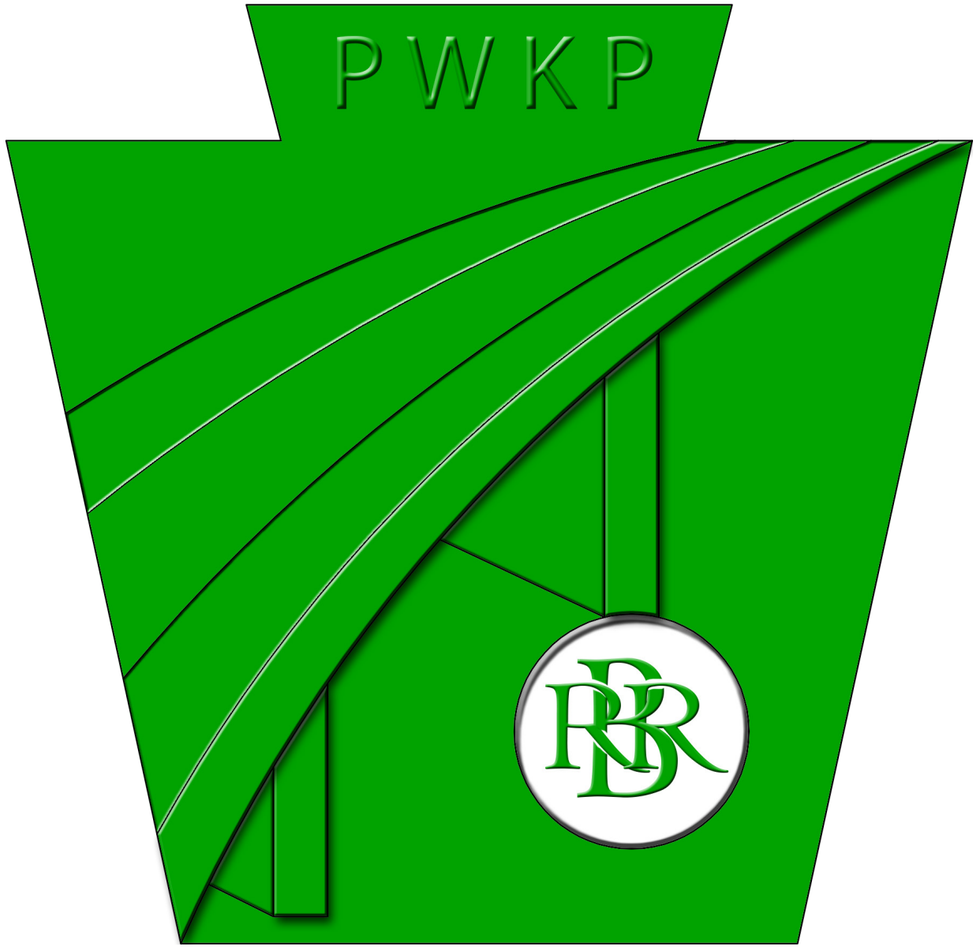
Combined Nominal 1 & 2 level bridges will build upon the "base" level to increase aesthetic treatments from both the outside and on the bridge. This level will combine aesthetic treatment elements from both Nominal 1 and Nominal 2 in a way that compliments the local context and is considerate of the view corridor to and from the bridge.

The elements to be included for aesthetic treatment for this level will include the elements listed in the base level and any of the elements listed in Nominal 1 or Nominal 2 based on site specific local context.

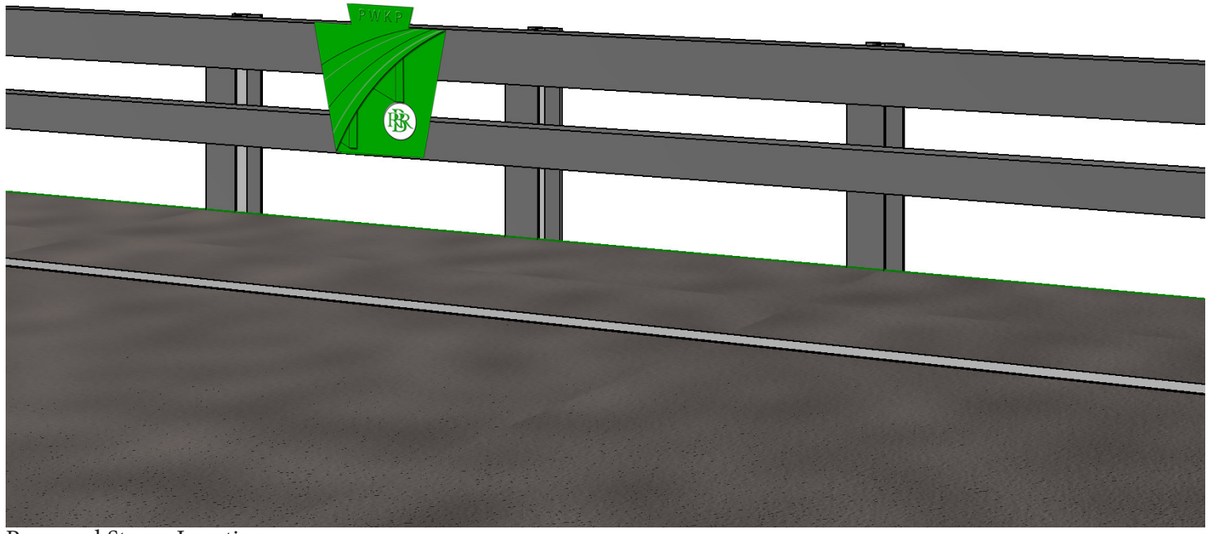
Enhanced

Enhanced level bridges shall receive a comprehensive aesthetic treatment that incorporates all elements of the bridge based on the view corridor and local context. While enhanced bridges shall be designed in a way that they are recognizable as part of this project, some of the individual bridge elements may differ from the standard elements that are used on the other levels based on the local contextual requirements of the specific bridge.

STAMP DESIGN



Proposed metal plaque design



Proposed Stamp Location

The “stamp” design will incorporate the Keystone shape and a variation to the standard PennDOT logo. The roadway of the PennDOT logo will be modified to resemble a bridge, with the “RBR” located inside the “dot” arranged similarly to the “PRR” of the Pennsylvania Railroad. The “stamp” will incorporate the PennDOT green to provide a contrast to the bridge colors so that the “stamp” is easily visible on the bridges.

The “stamp” will be made of cast metal with a factory applied color finish. The stamp will utilize embossing to create a 3-dimensionality that will provide subtle distinctions between the background and the bridge. The letters will also be embossed within the “dot”.

The signs will be mounted to the barrier or pedestrian railing at the mid-span of each bridge. The location of the stamps will be consistent throughout the project to help create a brand for the replacement bridges that is easily identifiable.

AESTHETIC LEVEL BASE

Optional Open Rail Barrier

Base Bridge Rendering

AESTHETIC LEVEL NOMINAL 1

Nominal 1 Bridge Rendering

AESTHETIC LEVEL NOMINAL 2

Nominal 2 Bridge Rendering

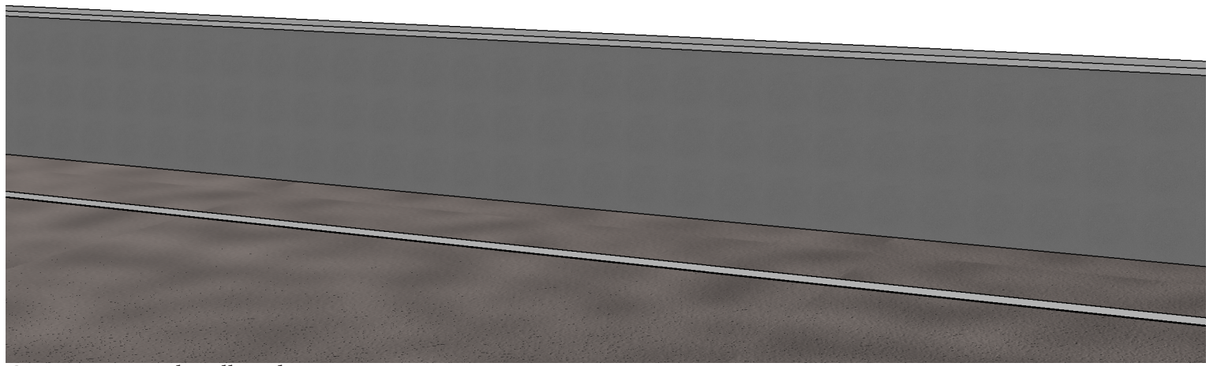
AESTHETIC LEVEL COMBINED NOMINAL 1 AND 2

Combined Nominal 1 and 2 Bridge Rendering

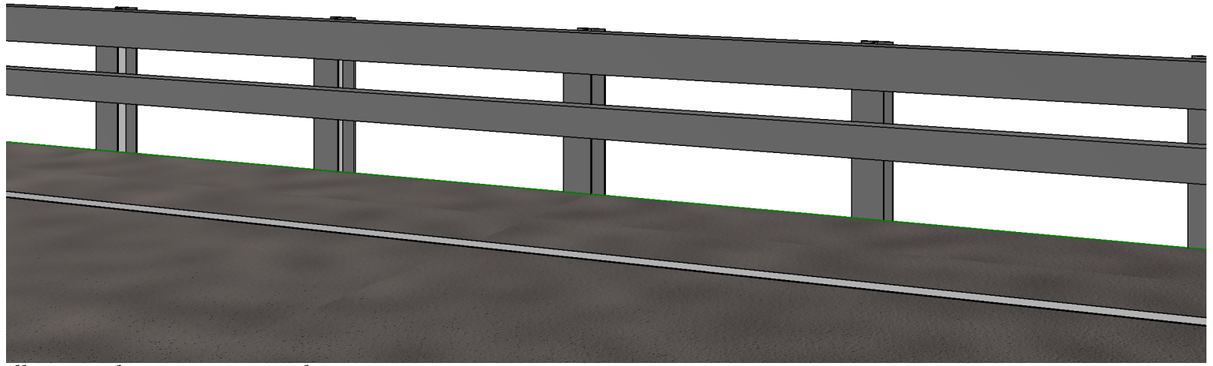
AESTHETIC LEVEL ENHANCED

Enhanced Bridge Rendering

BARRIERS



Concrete Vertical Wall Bridge Barrier

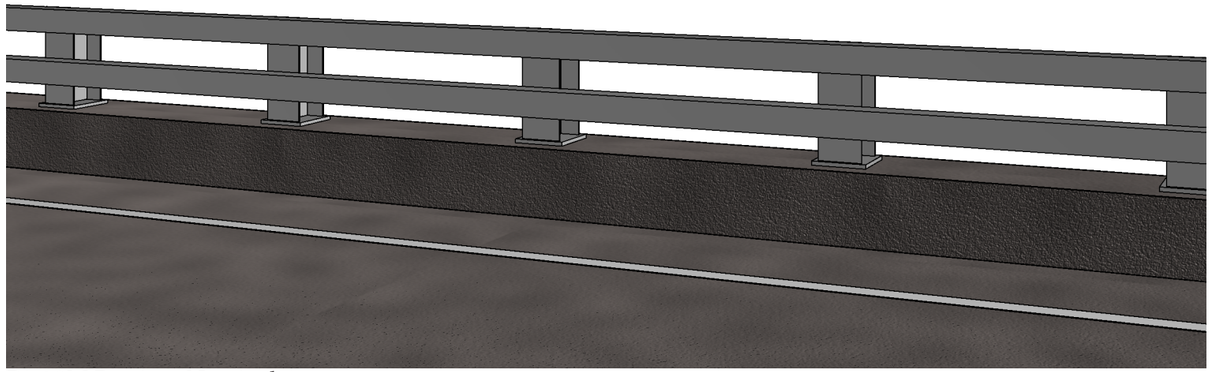


Illinois Rail Barrier - Nominal

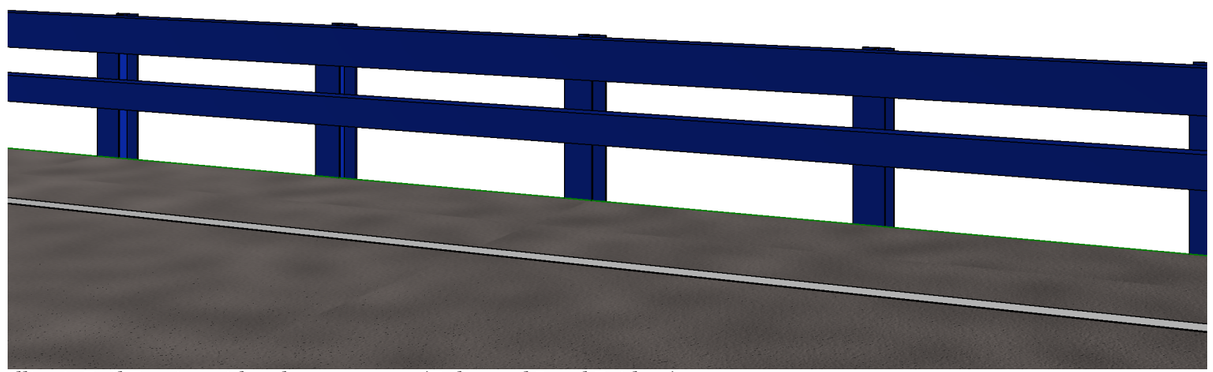
Replacement Bridges will use consistent barrier types, that in conjunction with the "stamp" will create a statewide unified aesthetic. Base level bridges will incorporate the Concrete Vertical Wall Bridge Barrier, which will maintain the clean lines of the bridge, both from the traveled and viewed contexts (see image above). Unlike the typical Jersey Barrier, the Vertical Wall Barrier maintains a vertical face on the interior of the bridge, which creates a clean line with the roadway, as well as a clean edge for pedestrians and bikers crossing the bridge.

All aesthetic level Replacement Bridges will utilize an open rail style barrier, to provide a lightness and openness to the bridges. The open rail barriers used will be either the Illinois SM Rail Barrier (top right) or the PA 10M Barrier (middle right). These barriers have been selected to maintain the clean horizontal lines of the Base Level Bridges that are established with the Vertical Wall Barrier, while providing the enhanced aesthetic of opening up the views to and from the bridge. The openness of the barriers allows the bridge to maintain a connectivity to the local context by allowing for glimpses of views out from the bridge as it is being crossed. This will help users of the bridge identify with the feature being crossed, which will emphasize the purpose of the bridge.

For all of the Nominal Level bridges, these barriers will incorporate the standard rail color with a standard uncolored finish. Enhanced Level Replacement Bridges, where there is not an existing aesthetic railing or sidewalk, will receive the open rail barrier with a color treatment as shown in the bottom right image.



PA 10M Barrier - Nominal



Illinois Rail Barrier with color treatment (Enhanced Level Bridges)

SIDEWALKS, PEDESTRIAN RAILINGS AND INTERMEDIATE BARRIERS

Sidewalks - Decorative scoring patterns

Standard Pedestrian Railing - Aluminum Picket Style

Sidewalks will be included on bridges where there is an existing sidewalk or on Replacement Bridges where sidewalks have been identified as a required feature for the new bridge. Typically the sidewalk will be designed as the standard concrete sidewalk, with a concrete color consistent with the rest of the bridge. This will be the case for all sidewalks included on base level bridges.

For Nominal and Enhanced level bridges, the sidewalk finish and scoring patterns will be reviewed against the local context of the bridge to determine if any aesthetic enhancements are warranted. Where a bridge sidewalk will tie into the existing local roadway sidewalk, the bridge sidewalk will be finished to compliment or match the existing sidewalk. For bridges that have existing sidewalks with unique patterns or colors, these will be compared against the local context and design of the Replacement Bridge to determine the final finish to be used for each sidewalk.

The use of decorative scoring patterns are the primary aesthetic treatments that may be applied to sidewalks where they are determined to be justified based on the local context. How these treatments are applied will vary from sidewalk to sidewalk in ensure they relate to the local context. However the implementation of these will also be coordinated with the rest of the bridge elements to maintain the overall aesthetic of established for the project.

For bridges that require an intermediate barrier between the roadway and the sidewalk, the intermediate barrier will be a typical curb mounted low, open rail barrier consistent with the appearance of the PA 10M barriers. The intermediate barrier will be treated to match the color of the pedestrian railing on the outside of the bridge.

Where pedestrian railings are required, a standard picket (or “spoke”) style railing will be used. The use of a picket style railing compliments the open barriers with the strong horizontal lines of the top and bottom rails, while providing and interesting contract through the vertical pickets. The combination of the picket railing with the open barriers work well with one another to provide the required levels of safety while still maintaining the openness and visibility that will be the signature of the Replacement Bridges.

The finishes on the railings will be coordinated with the finishes of the barriers. This will create a sense of continuity within the design that all of the components are being implemented from the same palette of materials and colors.

For bridges where there is an existing railing on or near the bridge, the use of the standard picket railing will be reviewed on a case-by-case basis to make sure it works with the local context. Any modifications to the standard picket railing will be carefully thought out to make sure the revised railing is sensitive to the local context without detracting from the unified aesthetic developed for the project.

ABUTMENTS AND WINGWALLS

Typical wing wall and abutment finish

Upgraded wing wall and abutment finish - joint pattern

Abutment walls and wing walls will be common components of the Replacement Bridges. The aesthetic concept for these components will be to incorporate them in a way that is consistent with the simple and clean lines of the bridge super structure.

The base finish for these substructure elements will be smooth finished concrete to match the finish of the bridge super structure. The shape and design of these elements will be coordinated with the specific site to provide clean lines that are integrated into the surrounding site, similar to the wing walls as shown in the above image.

For Nominal 2, Combined Nominal 1 and 2, and Enhanced Level bridges, the abutments and wing walls will receive aesthetic treatments consisting of a unique scoring pattern that will promote the brand for the Replacement Bridges under this project. The scoring pattern will consist of horizontal lines, similar to the above image to emphasize the horizontal nature of the bridge without distracting from the clean lines of the structure. The exact pattern will be determined by the specific site context to ensure proper proportions and context sensitivity.

Replacement Bridges located in or adjacent to historic districts may employ a different pattern based on the historic district requirements and local context. The patterns used on the wing walls and abutments for these bridges will be coordinated with the local context to ensure they are integrated with the historic local context.

SIGNING AND LIGHTING

Bridge Lighting

Bridge lighting will be included for Replacement Bridges where lighting is present on the existing bridge and where lighting is required in accordance with PennDOT design standards. The use of standard street lighting or aesthetically enhanced lighting will be determined by the type of lighting on the existing bridge, and the aesthetic level of the bridge.

Where lighting exists on Enhanced level bridges, new bridge lighting will be provided. The exact light poles will be based on the existing lighting and local context. In addition to the site, the light poles will be coordinated with the other bridge elements to ensure a cohesive aesthetic of the bridge.

Typically the aesthetic lighting will consist of aesthetic lighting at the corners of the bridge on concrete pylons as shown in the image to the left.

Signs on the bridges should be kept to a minimum. Where signs need to be located on the bridge, they will be coordinated with the bridge aesthetics.

For signs mounted on the outside of the bridge, the signs will be sized so they fit within the lines of the bridge. The top of the sign should not extend above the top of the barrier or railing and the bottom of the sign should not extend below the bottom of the superstructure.

Signs that need to be visible from the bridge deck should be mounted off the bridge where possible. Where signs cannot be located off of the bridge, the sign structures will be designed to be simple structures with clean lines, using as few members as possible.

LANDSCAPING AND HARDSCAPING

Gravel slope at wing walls

Gravel slopes with landscaping

Landscaping and hardscaping at bridges will be kept to a minimum to minimize maintenance at the bridges. Landscaping and hardscaping will be most commonly used for the bridge slopes along the sides of the abutments or wing walls. Where the bridges are at intersections, or interchanges, they may receive some landscaping or hardscaping treatment that is consistent with the existing treatment and the local context.

Hardscaping will only be employed as a design solution in urban areas where the use of harder materials is warranted. Examples of hardscaping may include the use of concrete slopes or custom pavers; but these will only be used when softer solutions are deemed inappropriate.

Landscaping will employ vegetation and materials that require minimal maintenance. Gravel will be used in place of grass or other vegetation unless there is local context or existing conditions that require the use of vegetation. The gravel will be a standard stone color with variations of dark and light gray similar to the gravel used in the above images.

The exact design of the landscaping and hardscaping at Nominal and Enhanced level bridges will be designed to be site specific. The standard treatments will be used where appropriate, but context sensitive variations may be added based on the existing conditions and local context. This variation could include the use of colored gravel to coordinate with the local color palette of the surrounding site.

All vegetation selected for use on this project will be species native to Pennsylvania and common to the local environment on the specific bridge.

Utilities

UTILITIES01

Early Completion Bridges - 2015	88	EACH
Remaining Bridges - 2016 through 2018	470	EACH
	558	EACH

PHASED - 2015 ECB's	39	EACH
PHASED - REMAINING BRIDGES	159	EACH
PHASED - TOTAL	198	EACH

OVER ROADWAY	10	EACH
OVER RAILROAD REQUIRING FLAGMEN	4	EACH
OVER ABANDONED RAILROAD	1	EACH
OVER WATERWAYS	543	EACH
STRUCTURE ATTACHED		
TOTAL BRIDGES AS OF 06/18/14	558	EACH
~~R - REMOVED FROM PROPOSAL BY PADOT~~	-5	EACH
A - ADDED TO PROPOSAL BY PADOT	4	EACH
ADJACENT RAILROAD REQUIRING FLAGMEN	6	EACH

Early Completion (Y / N)	Bridge Key	BMS #	District	County	PennDOT Existing Bridge Length (LF)	JV additional lengthing of Bridge (LF)	JV New Proposed Bridge Length (LF)	PennDOT Existing Bridge Width (LF)	PennDOT Proposed Bridge Width Curb to Curb (LF)	JV additional width for parapet & buffer (LF)	JV New Proposed Bridge Width Curb to Curb (LF)	JV RAILROAD No. of Railroad flagmen	JV Duration of RR flagmen (SHFT)	JV Total Railroad flagmen (HOURS)	JV Due Diligence Test Pits (EACH)	PennDOT No. of Relocate Underground Water (EACH)	JV No. of Relocate Underground Water (EACH)	JV Diameter Underground Water (INCH)	JV Total Relocate Underground Water (LF)	PennDOT No. of Relocate Underground Sanitary (EACH)	JV No. of Relocate Underground Sanitary (EACH)	JV Diameter Underground Sanitary (INCH)	JV Total Relocate Underground Sanitary (LF)	PennDOT No. of Relocate Underground Gas (EACH)	JV No. of Relocate Underground Gas (EACH)	JV Diameter Underground Gas (INCH)	JV Total Relocate Underground Gas (LF)	PennDOT No. of Relocate Underground Oil (EACH)	JV No. of Relocate Underground Oil (EACH)	JV Diameter Underground Oil (INCH)	JV Total Relocate Underground Oil (LF)	PennDOT No. of Relocate Underground Fiber Optic (EACH)	JV No. of Relocate Underground Fiber Optic (EACH)	JV Diameter Underground Fiber Optic (INCH)	JV Total Relocate Underground Fiber Optic (LF)
Y	6104	08018704000000	03	Bradford	33	20	53	25.5	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	6164	08036700101794	03	Bradford	33	20	53	25.7	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	6193	08046700100052	03	Bradford	86	20	106	33.5	52	24	76	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	6203	8046702700000	03	Bradford	25	20	45	26.6	32	24	56	0	0	0	2		0		0		0		0		0		0		0		0		1		45	
Y	6216	805140200863	03	Bradford	98	20	118	24.4	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	6224	08070601701340	03	Bradford	67	20	87	26.0	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	6227	08070602601160	03	Bradford	43	20	63	26.2	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	12555	19025402500486	03	Columbia	20	20	40	33.0	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	12592	19048703700177	03	Columbia	33	20	53	25.8	34	24	58	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	12738	19403101120000	03	Columbia	43	20	63	17.9	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	24566	41004403440880	03	Lycoming	88	20	108	24.5	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	24850	41200200320000	03	Lycoming	41	20	61	18.0	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	24928	41205000120000	03	Lycoming	56	20	76	16.4	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	28389	47100600500000	03	Montour	41	20	61	26.2	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	31966	56008705202440	03	Sullivan	68	20	88	33.0	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	32843	58024903220000	03	Tioga	51	20	71	26.1	33	24	57	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	33080	58300103901413	03	Tioga	58	20	78	24.5	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	33083	58300500400000	03	Tioga	48	20	68	23.6	24	24	48	0	0	0	2				0														0			
Y	33180	58401702800000	03	Tioga	43	20	63	26.3	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	33478	59100300200000	03	Union	80	20	100	20.2	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	33543	59300202000501	03	Union	56	20	76	22.1	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	29947	51100700301853	04	Pike	38	20	58	29.8	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	32307	57026703200000	04	Susquehanna	22	20	42	25.4	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	32401	57100700500000	04	Susquehanna	45	20	65	28.0	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	32478	57200800203639	04	Susquehanna	48	20	68	31.0	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	35624	63101801602046	04	Wayne	24	20	44	18.3	22	24	46	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	35654	63200700301844	04	Wayne	40	20	60	24.5	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	35765	63300601600000	04	Wayne	40	20	60	24.0	22	24	46	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	35802	63403302600090	04	Wayne	32	20	52	33.0	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	37192	65100100500000	04	Wyoming	36	20	56	29.0	26	24	50	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	37222	65200100500596	04	Wyoming	30	20	50	27.6	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	8994	13020902602676	05	Carbon	21	20	41	43.7	40	24	64	0	0	0	4		0		0		0		0		1		50		0		0		0		0	
Y	26795	45020903110000	05	Monroe	124	20	144	54.0	52	24	76	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	26811	45031401101750	05	Monroe	57	20	77	33.9	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	26832	45039000300932	05	Monroe	53	20	73	40.0	40	24	64	0	0	0	2		1		50		0		0		0		0		0		0		0		0	
Y	26887	45061105100000	05	Monroe	70	20	90	71.7	68	24	92	0	0	0	4		0		0		0		0		1		60		0		0		0		0	
Y	26888	45071500201751	05	Monroe	70	20	90	24.8	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	26901	45090300200000	05	Monroe	21	20	41	31.0	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	26904	45094000701313	05	Monroe	27	20	47	59.3	40	24	64	0	0	0	2		0		0		0		0		1		60		0		0		0		0	
Y	26907	45094001400882	05	Monroe	62	20	82	43.3	40	24	64	0	0	0	2		0		0		0		0		0		0		0		0		0		0	
Y	26914	45094003900000	05	Monroe	53	20	73	42.0	40	24	64	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	26924	45100400300941	05	Monroe	63	20	83	30.5	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	26962	45200900101729	05	Monroe	119	20	139	33.7	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	27011	45300900220000	05	Monroe	42	20	62	26.1	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	27017	45301100300000	05	Monroe	30	20	50	25.8	26	24	50	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	27042	45302301202040	05	Monroe	139	20	159	43.0	40	24	64	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	27055	45400300702976	05	Monroe	53	20	73	26.8	30	24	54	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	27059	45400600200000	05	Monroe	77	20	97	30.3	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	30678	53033902000276	05	Schuylkill	100	20	120	24.0	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	30679	53033902400902	05	Schuylkill	88	20	108	25.0	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	30680	53033902401098	05	Schuylkill	15	20	35	34.8	32	24	56	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	30730	53092400702725	05	Schuylkill	213	20	233	69.7	70	24	94	0	0	0	4		0		1		233		0		0		0		0		0		0		0	
Y	30832	53401600100000	05	Schuylkill	76	20	96	26.0	28	24	52	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	30856	53403600300000	05	Schuylkill	24	20	44	20.7	22	24	46	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	30862	53403900200000	05	Schuylkill	28	20	48	18.2	22	24	46	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	3097	03083901001927	10	Armstrong	47	20	67	40.0	34	24	58	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	3160	03103900600000	10	Armstrong	31	20	51	25.0	38	24	62	0	0	0	2		0		0		0		0		0		0		0		0		0		0	
Y	3282	03301300602401	10	Armstrong	74	20	94	26.6	24	24	48	0	0	0	2		0		0		0		0		0		0		0		0		0		0	
Y	3293	03301702501033	10	Armstrong	83	20	103	26.3	32	24	56	0	0	0	4		0		0		0		0		1		50		0		0		0		0	
Y	7834	10006800200616	10	Butler	37	20	57	41.0	24	24	48	0	0	0	3		0		0		0		0		0		0		0		0		0		0	
Y	7935	10035603000333	10	Butler	24	20	44	34.0	24	24	48	0	0	0	2		0		0		0		0		1		50		0		0		0		0	
Y	8025	10200700101196	10	Butler	33	20	53	34.0	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	8073	10301200500000	10	Butler	30	20	50	20.8	26	24	50	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	505	02000804101108	11	Allegheny	24	20	44	70.0	58	24	82	0	0	0	4		0		1		80		0		0		0		0		0		0		0	
Y	1339	02091003000000	11	Allegheny	52	20	72	33.0	30	24	54	0	0	0	2		0		0		0		0		1		40		0		0		0		0	
Y	1400	02101100102295	11	Allegheny	21	20	41	25.8	30	24	54	0	0	0	4	1	0	0	1	1	82	1	0		0	0	0	0	0	0	0	0	0	0	0	
Y	1405	02101300202226	11	Allegheny	38	20	58	28.0	30	24	54	0	0	0	4	1	1	50	0	0	0	1	1		50	0	0	0	0	0	0	0	0	0	0	
Y	1406	02101300300428	11	Allegheny	29	20	49	28.0	30	24	54	0	0	0	4	1	1	50	1	0	0	0	1		50	0	0	0	0	0	0	0	0	0	0	
Y	42177	02101300400000	11	Allegheny	11	20	31	34.5	30	24	54	0	0	0	4	1	0	0	1	0	0	0	1		50	0	0	0	0	0	0	0	0	0	0	
Y	1435	02101600801980	11	Allegheny	37	20	57	26.5	26	24	50	0	0	0	2	1	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0	0	
Y	1455	02102801801751	11	Allegheny	34	20	54	35.0	30	24	54	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	
Y	1471	02103400501321	11	Allegheny	74	20	94	34.5	28	24	52	0	0	0	0	1	0	0	28	0	0	1	0		0	0	0	0	0	0	0	0	0	0	0	
Y	1481	02200101300130	11	Allegheny	79	20	99	29.0	28	24	52	1	45	450	0		0		0		0		0		0		0		0		0		0		0	
Y	1567	02204600800256	11	Allegheny	48	20	68	39.4	32	24	56	0	0	0	2		0		0		0		0		0	0	0		0		0		0		0	
Y	1600	02206500402452	11	Allegheny	65	20	85	29.0	32	24	56	1	20	200	2	0	0	0	1	1	50	0	0		0	0	0	0	0	0	0	0	0	0	0	
Y	1671	02211800203544	11	Allegheny	52	20	72	32.0	32	24	56	0	0	0	2		0		0	1	0		0		0		0		0		0		0		0	
Y	1715	02301400302259	11	Allegheny	47	20	67	22.0	24	24	48	0	0	0	0	1	0		0		0		0		0		0		0		0		0		0	
Y	1950	02401700500880	11	Allegheny	41	20	61	25.5	26	24	50	0	0	0	6	1	1	61	0	0	0	1	1		61	0	0	0	0	0	0	0	0	0	0	
Y	36002	64005600501506	12	Westmoreland	47	20	67	27	80	24	104	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	36168	64025900700000	12	Westmoreland	33	20	53	25.0	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	36207	64036601720000	12	Westmoreland	50	20	70	43.0	38	24	62	0	0	0	2		0		0		0		0		0		0		0		0		0		0	
Y	36228	64038102400504	12	Westmoreland	37	20	57	20.2	26	24	50	0	0	0	2		0		0		0		0		0		0		0		0		0		0	
Y	36230	64038103000000	12	Westmoreland	30	20	50	20.7	24	24	48	0	0	0	2		0		0		0		0		1		50		0		0		0		0	
Y	36251	64071103000565	12	Westmoreland	68	20	88	34.0	34	24	58	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	36387	64101700400238	12	Westmoreland	56	20	76	31.5	24	24	48	0	0	0	0	1	0	76		0	0		0		0		0		0		0		0		0	
Y	36431	64103400500000	12	Westmoreland	44	20	64	24.2	24	24	48	0	0	0	0		0		0		0		0		0		0		0		0		0		0	
Y	36482	64201300201727	12	Westmoreland	30	20	50	26.7	30	24	54	0	0	0	4		0		0		0		0		0		0		0		0		0		0	
Y	36750	64405300120000	12	Westmoreland	33	20	53	32.0	30	24	54	0	0	0	2		0		0		0		0		0		0		0		0		0		0	
--	17209	27066601100240	01	Forest	37	20	57	28	24	24	48	0	0	0	0	0	0		0	0			0		0	0			0	0			0			
--	25833	43017304703518	01	Mercer	28	20	48	40.8	38	24	62	0	0	0	2	0		0	0			1	0		0	0			0	0			0			
--	13084	20028501000629	01	Crawford	38	20	58	43.0	40	24	64	0	0	0	0	0		0	0			0			0	0			0	0		1			58	
--	13122	20040801800428	01	Crawford	65	20	85	26.0	28	24	52	0	0	0	2	0		0	0			0	0	1	4	85	0			0	0			0			
--	8831	12012000400000	02	Cameron	21	20	41	41.6	42	24	66	0	0	0	0	0		0	0			0				0	0			0	0			0			
--	13027	20088601600750	01	Crawford	72	20	92	43.0	28	24	52	0	0	0	2	0		0	0			0				0	0			0	0		1			92	
--	9577	14100200801726	02	Centre	29	20	49	26.5	28	24	52	0	0	0	0	0		0	0			0				0	0			0	0			0			
--	25213	42000605100562	02	McKean	34	20	54	43.0	40	24	64	0	0	0	0	0		0	0			0				0	0			0	0			0			
--	17195	27006201302194	01	Forest	25	20	45	35.1	40	24	64	0	0	0	4	0		0	1	1	24	109	1	1	3	45	0			0	0			0			

					PennDOT	JV	JV	JV	PennDOT	JV	JV	JV	JV	JV	JV	JV	JV	JV										CONFLICT TOTALS			
Early Completion (Y / N)	Bridge Key	BMS #	District	County	No. of Relocate Underground Electric (EACH)	No. of Relocate Underground Electric (EACH)	Diameter Underground Electric (INCH)	Total Relocate Underground Electric (LF)	No. of Relocate Underground Unspecified (EACH)	No. of Relocate Underground Unspecified (EACH)	Diameter Underground Unspecified (INCH)	Total Relocate Underground Unspecified (LF)	Structure Attached Relocate Utility ype - i.e. waterlin	Structure Attached Temporary Support (Y = 1, N = 0)	Structure Attached Temporary Support Required	Structure Attached Relocate Utility (LF)	No. of Relocate Aerial (Y = 1, N = 0)	Total Relocate Aerial (LF)	No. of Relocate Aerial Electric (EACH)	Relocate Permanent Aerial Electric (LF)	Relocate Permanent Aerial Telephone (EACH)	Relocate Permanent Aerial Telephone (LF)	Relocate Permanent Aerial TV (EACH)	Relocate Permanent Aerial TV (LF)	Relocate Permanent Aerial Fiber Optic (EACH)	Relocate Permanent Aerial Fiber Optic (LF)	No. of Relocate Aerial Pole (EACH)	CL of Bridge to ROW offset (FEET)	Near Bridge Extremity to Pole/Line offset (FEET)	End of Abutment to Pole/Line Distance (FEET)	Bridge Total Underground Conflicts (Includes Attachments) (EACH)	Bridge Total Aerial Pole Conflicts (EACH)	Underground & Poles Grand Total Conflicts (EACH)
Y	6104	08018704000000	03	Bradford		0		0		0		0	None	0	None	0	1	800	1	400	1	400					2	25.00, 30.00					
Y	6164	08036700101794	03	Bradford		0		0		0		0	None	0	None	0	1	1,200	1	400	1	400	1	400			2	25.00					
Y	6193	08046700100052	03	Bradford		0		0		0		0	None	0	None	0	0	0		0		0					0						
Y	6203	8046702700000	03	Bradford		0		0		0		0	None	0	None	0	0	0		0		0					0						
Y	6216	8051402000863	03	Bradford		0		0		0		0	None	0	None	0	0	0		0		0					0	25.00					
Y	6224	08070601701340	03	Bradford		0		0		0		0	None	0	None	0	0	0		0		0					0	25.00					
Y	6227	08070602601160	03	Bradford		0		0		0		0	None	0	None	0	0	0		0		0					0	25.00, 35.00					
Y	12555	19025402500486	03	Columbia		0		0		0		0	None	0	None	0	1	3,600	3	1,200	3	1,200	3	1,200			2	25.00					
Y	12592	19048703700177	03	Columbia		0		0		0		0	None	0	None	0	0	0	0	0	0	0	0	0			0	20.00					
Y	12738	19403101120000	03	Columbia		0		0		0		0	None	0	None	0	1	800	1	400	1	400	0	0			2	16.50					
Y	24566	41004403440880	03	Lycoming		0		0		0		0	None	0	None	0	1	2,400	3	1,200		0	3	1,200			2	40.00		13.00			
Y	24850	41200200320000	03	Lycoming		0		0		0		0	None	0	None	0	0	0		0		0					0			22.00			
Y	24928	41205000120000	03	Lycoming		0		0		0		0	None	0	None	0	0	0		0		0					0	16.50					
Y	28389	47100600500000	03	Montour		0		0		0		0	None	0	None	0	0	0		0		0					0	25.00		50.00			
Y	31966	5600870520244 0	03	Sullivan		0		0		0		0	None	0	None	0	1	800	1	400	1	400					4	40.00					
Y	32843	58024903220000	03	Tioga		0		0		0		0	None	0	None	0	0	0		0		0					0	40.00					
Y	33080	58300103901413	03	Tioga		0		0		0		0	None	0	None	0	1	800	1	400	1	400					2	25.00	5.00	2.00			
Y	33083	58300500400000	03	Tioga				0				0	None	0	None	0		0		0		0					0	25.00					
Y	33180	58401702800000	03	Tioga	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			3	25.00		3.00			
Y	33478	59100300200000	03	Union	0			0	0			0	None	0	None	0	0	0		0		0					0	20.00					
Y	33543	59300202000501	03	Union	0			0	0			0	None	0	None	0	1	1,600	2	800	1	400	1	400			2	16.50					
Y	29947	51100700301853	04	Pike	0			0	0			0	None	0	None	0	1	800	1	400	1	400					4	25.00	10.00				
Y	32307	57026703200000	04	Susquehanna	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	32401	57100700500000	04	Susquehanna	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	32478	57200800203639	04	Susquehanna	0			0	0			0	None	0	None	0	1	800	1	400	1	400					2						
Y	35624	63101801602046	04	Wayne	0			0	0			0	None	0	None	0	0	0		0		0					0	25.00					
Y	35654	63200700301844	04	Wayne	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	35765	63300601600000	04	Wayne	0			0	0			0	None	0	None	0	0	0		0		0					0	25.00					
Y	35802	63403302600090	04	Wayne	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	37192	65100100500000	04	Wyoming	0			0	0			0	None	0	None	0	0	0		0		0					0	25.00					
Y	37222	65200100500596	04	Wyoming	0			0	0			0	None	0	None	0	0	0		0		0					0	25.00					
Y	8994	13020902602676	05	Carbon	0			0	0			0	6" Gas	1	Yes	41	0	0		0		0					0						
Y	26795	45020903110000	05	Monroe	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	26811	45031401101750	05	Monroe	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	26832	45039000300932	05	Monroe	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	26887	45061105100000	05	Monroe	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	26888	45071500201751	05	Monroe	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	26901	45090300200000	05	Monroe	0			0	0			0	None	0	None	0	1	2,800	3	1,200	3	1,200	1	400			2						
Y	26904	45094000701313	05	Monroe	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	26907	45094001400882	05	Monroe	0			0	0			0	nduit in parapet	0	None	0	1	2,800	1	400	3	1,200	3	1,200			2						
Y	26914	45094003900000	05	Monroe	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	26924	45100400300941	05	Monroe	0			0	0			0	None	0	None	0	1	800	1	400	1	400					2						
Y	26962	45200900101729	05	Monroe	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	27011	45300900220000	05	Monroe	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	27017	45301100300000	05	Monroe	0			0	0			0	None	0	None	0	1	600	1	200	1	200	1	200			1						
Y	27042	45302301202040	05	Monroe	0			0	0			0	None	0	None	0	1	2,000	1	400	2	800	2	800			2						
Y	27055	45400300702976	05	Monroe	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	27059	45400600200000	05	Monroe	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			0						
Y	30678	53033902000276	05	Schuylkill	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			1						
Y	30679	53033902400902	05	Schuylkill	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	30680	53033902401098	05	Schuylkill	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	30730	53092400702725	05	Schuylkill	0			0	0			0	None	0	None	0	1	1,800	1	600	1	600	1	600			2						
Y	30832	53401600100000	05	Schuylkill	0			0	0			0	None	0	None	0	1	800	1	400	1	400					2						
Y	30856	53403600300000	05	Schuylkill	0			0	0			0	None	0	None	0	1	400		0	1	400					2						
Y	30862	53403900200000	05	Schuylkill	0			0	0			0	None	0	None	0	1	800	1	400	1	400					2						
Y	3097	03083901001927	10	Armstrong	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	3160	03103900600000	10	Armstrong	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	3282	03301300602401	10	Armstrong	0			0	0			0	None	0	None	0	1	800	1	400	1	400					2						
Y	3293	03301702501033	10	Armstrong	0			0	0			0	4" Gas	1	Yes	103	1	1,200	1	400	1	400	1	400			2						
Y	7834	10006800200616	10	Butler	0			0	0			0	None	0	None	0	1	1,600	2	800	1	400	1	400			2						
Y	7935	10035603000333	10	Butler	0			0	0			0	None	0	None	0	1	1,600	2	800	1	400	1	400			2						
Y	8025	10200700101196	10	Butler	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	8073	10301200500000	10	Butler	0			0	0			0	None	0	None	0	0	0		0		0					0						
Y	505	02000804101108	11	Allegheny	0			0	0			0	None	0	None	0	1	3,600	2	1,200	2	1,200	2	1,200			2						
Y	1339	02091003000000	11	Allegheny	0			0	0			0	Gas	1	Yes	72	1	3,600	2	1,200	2	1,200	2	1,200			2						
Y	1400	02101100102295	11	Allegheny	0	0		0	0	0		0	None	0	None	0	1	2,000	1	400	2	800	2	800			2	16.50					
Y	1405	02101300202226	11	Allegheny	0	0		0	0	0		0	6" Water, 4" Gas	1	Yes	116	1	2,000	1	400	2	800	2	800			2						
Y	1406	02101300300428	11	Allegheny	0	0		0	0	0		0	8" Gas (asbestos	1	Yes	98	1	1,600	2	800	1	400	1	400			2	25.00					
Y	42177	02101300400000	11	Allegheny	0	0		0	0	0		0	s (asbestos wrap	1	Yes	31	1	1,600	2	800	1	400	1	400			2	16.50					
Y	1435	02101600801980	11	Allegheny	0	0		0	0	0		0	None	0	None	0	1	1,200	1	400	1	400	1	400			2	16.50					
Y	1455	02102801801751	11	Allegheny	0	0		0	1	0		0	None	0	None	0	1	1,200	1	400	1	400	1	400			2						
Y	1471	02103400501321	11	Allegheny	0	0		0	0	0		0	None	0	None	0	1	2,400	2	800	2	800	2	800			3						
Y	1481	02200101300130	11	Allegheny		0		0		0		0	None	0	None	0	1	2,000	1	400	2	800	2	800			2						
Y	1567	02204600800256	11	Allegheny		0		0		0		0	None	0	None	0	0	0		0		0					0						
Y	1600	02206500402452	11	Allegheny	0	0		0	0	0		0	None	0	None	0	1	1,200	1	400	1	400	1	400			2	25.00					
Y	1671	02211800203544	11	Allegheny		0		0		0		0	s (asbestos wrap	1	Yes	72	1	2,000	2	800	2	800	1	400			2						
Y	1715	02301400302259	11	Allegheny		0		0		0		0	None	0	None	0	1	800	1	400	1	400					2						
Y	1950	02401700500880	11	Allegheny	0	0		0	0	0		0	None	0	None	0	1	2,400	2	800	2	800	2	800			2						
Y	36002	64005600501506	12	Westmoreland		0		0		0		0	None	0	None	0	0	0		0		0					0						
Y	36168	64025900700000	12	Westmoreland		0		0		0		0	None	0	None	0	0	0		0		0					0						
Y	36207	64036601720000	12	Westmoreland		0		0		0		0	None	0	None	0	1	2,000	1	400	2	800	1	400	1	400	2						
Y	36228	64038102400504	12	Westmoreland		0		0		0		0	None	0	None	0	1	1,200	1	400	1	400	1	400	0		2						
Y	36230	64038103000000	12	Westmoreland		0		0		0		0	8" Gas	1	Yes	50	1	1,200	1	400	1	400	1	400			2						
Y	36251	64071103000565	12	Westmoreland		0		0		0		0	None	0	None	0	1	1,600	1	400	2	800	1	400			2						
Y	36387	64101700400238	12	Westmoreland		0		0		0		0	None	0	None	0	1	1,600	2	800	1	400	1	400			4	25.00					
Y	36431	64103400500000	12	Westmoreland		0		0		0		0	None	0	None	0	0	0		0		0					0						
Y	36482	64201300201727	12	Westmoreland		1		50		1		50	onduit, 6" Unkn	1	Yes	100	1	1,600	1	400	2	800	1	400			2						
Y	36750	64405300120000	12	Westmoreland		0		0		0		0	8" Gas	1	Yes	53	1	1,600	1	400	2	800	1	400			2						
--	17209	27066601100240	01	Forest	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	25833	43017304703518	01	Mercer	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	13084	20028501000629	01	Crawford	0			0	0			0	None	0	None	0	1	3,600	6	3,600	0	0	0	0	0	0	2	25.00	8.00	2.00	1.00	2.00	3.00
--	13122	20040801800428	01	Crawford	0			0	0			0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1			10.00	1.00	1.00	2.00
--	8831	12012000400000	02	Cameron	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			30.00	0.00	0.00	0.00
--	13027	20088601600750	01	Crawford	0			0	0			0	None	0	None	0	1	3,000	2	1,200	2	1,200	1	600	0	0	2			12.00	1.00	2.00	3.00
--	9577	14100200801726	02	Centre	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	25.00		100.00	0.00	0.00	0.00
--	25213	42000605100562	02	McKean	0			0	0			0	None	0	None	0	1	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	17195	27006201302194	01	Forest	0			0	0			0	erse (adjacent) u	0	None	0	1	8,400	9	5,400	4	2,400	1	600	0	0	2				2.00	2.00	4.00

Early Completion (Y / N)	Bridge Key	BMS #	District	County	Existing Bridge Length (LF)	additional lengthing of Bridge (LF)	Proposed Bridge Length (LF)	Existing Bridge Width (LF)	Proposed Bridge Width Curb to Curb (LF)	additional width for parapet & buffer (LF)	New Proposed Bridge Width Curb to Curb (LF)	No. of Railroad flagmen	Duration of RR flagmen (SHFT)	Total Railroad flagmen (HOURS)	Diligence Test Pits (EACH)	Relocate Underground Water (EACH)	Relocate Underground Water (EACH)	Diameter Underground Water (INCH)	Relocate Underground Water (LF)	Relocate Underground Sanitary (EACH)	Relocate Underground Sanitary (EACH)	Diameter Underground Sanitary (INCH)	Relocate Underground Sanitary (LF)	Relocate Underground Gas (EACH)	Relocate Underground Gas (EACH)	Diameter Underground Gas (INCH)	Relocate Underground Gas (LF)	Relocate Underground Oil (EACH)	Relocate Underground Oil (EACH)	Diameter Underground Oil (INCH)	Relocate Underground Oil (LF)	Relocate Underground Fiber Optic (EACH)	Relocate Underground Fiber Optic (EACH)	Diameter Underground Fiber Optic (INCH)	Relocate Underground Fiber Optic (LF)
--	25297	42015500200000	02	McKean	73	20	93	41.1	38	24	62	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	12486	19004402401397	03	Columbia	22	20	42	33.3	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	24938	41206101702204	03	Lycoming	46	20	66	26.0	26	24	50	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	31981	56015401501564	03	Tioga	26	20	46	25.8	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	24493	40800500201030	04	Luzerne	77	20	97	35.5	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	35810	63403703303161	04	Wayne	33	20	53	21.0	27	24	51	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	33765	60042702200000	01	Venango	39	20	59	26.0	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0		1	59
--	37172	65029201500354	04	Wyoming	23	20	43	27.5	26	24	50	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	28493	48003300200000	05	Northampton	216	20	236	56.5	56	24	80	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	28494	48003300210000	05	Northampton	216	20	236	56.5	56	24	80	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	28606	48051202101582	05	Northampton	80	20	100	26.2	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	10599	15400800402407	06	Chester	22	20	42	24.0	22	24	46	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	34056	6101270090238 1	01	Warren	29	20	49	37.0	33	24	57	0	0	0	4	0			0	0	1		49	0	0		0	0			0	0			0
--	34077	61095701700981	01	Warren	72	20	92	39.3	28	24	52	0	0	0	4	0			0	0			0	0	1		92	0			0	0		1	52
--	34169	61301000600428	01	Warren	51	20	71	33.0	26	24	50	0	0	0	4	0			0	0			0	0			0	0			0	0		1	71
--	98	01011601100000	08	Adams	36	20	56	26.2	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	229	01200600400591	08	Adams	75	20	95	27.6	28	24	52	1	45	450	2	0			0	0			0	0	0		0	0			0	0			0
--	9360	14014403400099	02	Centre	32	20	52	44.0	44	24	68	0	0	0	8	1	1		52	0	1		68	1	1		52	0			0	0		1	156
--	319	01301301000061	08	Adams	30	20	50	13.8	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	14578	22400400202505	08	Dauphin	68	20	88	26.9	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	17407	28023302000092	08	Franklin	47	20	67	37.4	32	24	56	0	0	0	0	0			0	0	0		0	0	0		0	0	0		0	0			0
--	9431	14304001301062	02	Centre	39	20	59	50.0	50	24	74	0	0	0	4	1	1		59	1	1		59	0			0	0			0	0			0
--	17408	28027400200000	08	Franklin	38	20	58	26.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21403	36101900500000	08	Lancaster	39	20	59	17.8	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	9778	14400200702338	02	Centre	46	20	66	25.0	28	24	52	0	0	0	6	1	1		66	1	1		52	0	1		52	0			0	0			0
--	21482	36105300200000	08	Lancaster	41	20	61	19.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0	0		0
--	21533	36201000560000	08	Lancaster	55	20	75	24.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21601	36300400200000	08	Lancaster	35	20	55	25.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	11399	17021904201459	02	Clearfield	50	20	70	41.7	38	24	62	0	0	0	4	0			0	0	1		70	0			0	0			0	0		1	70
--	21662	36303201100000	08	Lancaster	85	20	105	28.0	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	11404	17021904700185	02	Clearfield	73	20	93	41.7	42	24	66	0	0	0	2	0			0	0			0	0			0	0			0	0		1	93
--	22812	38402000800000	08	Lebanon	25	20	45	66.2	66	24	90	0	0	0	2	0	0		0	0			0	0			0	0			0	0			0
--	11461	17025503200000	02	Clearfield	53	20	73	36.0	32	24	56	0	0	0	4	1	1		73	0			0	1			73	0			0	0			0
--	29468	50001707600000	08	Perry	30	20	50	33.3	34	24	58	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	11698	17200703101047	02	Clearfield	27	20	47	25.9	28	24	52	0	0	0	6	1	1		47	1	1		47	1	1		47	0			0	0			0
--	11807	17300902501042	02	Clearfield	52	20	72	24.0	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	29565	50085002201839	08	Perry	88	20	108	26.4	28	24	52	0	0	0	2	0			0	0	0		0	0			0	0			0	0			0
--	12239	18047700300000	02	Clinton	43	20	63	25.0	32	24	56	0	0	0	6	1			63	1			63	0			0	0			0	0			0
--	15531	24012002801546	02	Elk	23	20	43	44.0	42	24	66	0	0	0	6	1	1		66	1	1		66	1	1		43	0			0	0			0
--	37878	66304500800853	08	York	43	20	63	25.6	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	15560	24021904900000	02	Elk	63	20	83	52.3	40	24	64	0	0	0	8	1			0	1	0		0	1	2		332	0			0	0			0
--	19992	34003507200000	02	Juniata	34	20	54	34.0	34	24	58	0	0	0	2	0			0	1	1		54	0			0	0			0	0			0
--	37890	66305100200000	08	York	34	20	54	20.0	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37976	66401200602478	08	York	60	20	80	24.6	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	20118	34100400300549	02	Juniata	22	20	42	27.4	28	24	52	0	0	0	4	0	1		42	0	1		42	0			0	0			0	0			0
--	4010	05005600901305	09	Bedford	47	20	67	39.8	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	4177	05101200400000	09	Bedford	230	20	250	19.6	26	24	50	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	4196	05102000500880	09	Bedford	38	20	58	28.3	28	24	52	0	0	0					0				0				0				0	0			0
--	25216	42000605800309	02	McKean	45	20	65	42.5	40	24	64	0	0	0	2	0			0	0			0	0	1		65	0			0	0			0
--	25243	42004600600000	02	McKean	30	20	50	26.8	32	24	56	0	0	0	2	0			0	0			0	0	1		50	0			0	0			0
--	4386	05403101601407	09	Bedford	61	20	81	25.0	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	17853	29065504501203	09	Fulton	23	20	43	24.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	25308	42015501900182	02	McKean	45	20	65	41.6	40	24	64	0	0	0	2	0			0	0			0	1	1	8	64	0			0	0			0
--	25313	42015502701162	02	McKean	33	20	53	36.0	40	24	64	0	0	0	2	0			0	0			0	0	1		53	0			0	0			0
--	18576	31002202300000	09	Huntingdon	62	20	82	65.0	62	24	86	0	0	0					0				0				0				0				0
--	25418	42034604101617	02	McKean	51	20	71	37.0	40	24	64	0	0	0	6	0	1		71	0			0	1	1		71	1	1		71	0			0
--	25420	42034604201811	02	McKean	51	20	71	36.5	40	24	64	0	0	0	4	0			0	0	1		71	0	1		64	0			0	0			0
--	25459	42064602900000	02	McKean	32	20	52	33.3	32	24	56	0	0	0	4	0	1		52	0			0	1	1		52	0			0	0			0
--	25461	42077001300784	02	McKean	32	20	52	25.8	32	24	56	0	0	0	6	1	1		52	1	1		52	0	1		52	0			0	0			0
--	25462	42077001400000	02	McKean	34	20	54	26.0	32	24	56	0	0	0	6	0	1		54	0			0	1	1		54	1			54	0			0
--	25489	42101500100472	02	McKean	33	20	53	31.0	32	24	56	0	0	0	2	0			0	0			0	1	1		56	0			0	0			0
--	25495	42200100100806	02	McKean	33	20	53	26.2	26	24	50	0	0	0	4	0			0	0	1		50	0			50	0			0	0	1		50
--	18773	31100800400000	09	Huntingdon	69	20	89	20.1	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	25535	42401100102339	02	McKean	23	20	43	24.0	24	24	48	0	0	0	2	0			0	0	1		43	0			0	0			0	0			0
--	18785	31101900600000	09	Huntingdon	57	20	77	27.0	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	31528	55100700300000	09	Somerset	47	20	67	23.7	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	26472	44100200800896	02	Mifflin	97	20	117	18.2	28	24	52	0	0	0	6	1	1		117	1	1		117	0	1		117	0			0	0			0
--	26477	44100201200618	02	Mifflin	66	20	86	18.2	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	31651	55202600300000	09	Somerset	28	20	48	18.7	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	30090	52000602300000	02	Potter	28	20	48	45.0	44	24	68	0	0	0	6	1	1		48	0	1		48	1	1		48	0			0	0			0
--	30144	52004402700000	02	Potter	36	20	56	26.0	30	24	54	0	0	0	6	0	1		56	0			0	1	1		56	1	1		56	0			0
--	30156	52004081019 25	02	Potter	22	20	42	32.9	34	24	58	0	0	0	2	0			58	0			0	1	1		42	0	1		42	0			0
--	3294	03301702801869	10	Armstrong	369	20	389	48.0	30	24	54	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	30166	52004410100000	02	Potter	22	20	42	34.0	34	24	58	0	0	0	2	0			0	0			0	0	1		42	0			0	0			0
--	30190	52004904300530	02	Potter	26	20	46	30.5	34	24	58	0	0	0	4	0			0	0	1		46	0	1		46	0			0	0			0
--	8016	10102500100211	10	Butler	65	20	85	33.0	28	24	52	0	0	0					0				0				0				0	0			0
--	8061	10300400300433	10	Butler	83	20	103	19.0	28	24	52	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	8104	10302700500194	10	Butler	72	20	92	35.6	44	24	68	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	8113	10400201302768	10	Butler	140	20	160	31.0	30	24	54	1	60	600					0				0				0				0				0
--	6074	08001403400602	03	Bradford	32	20	52	43.0	34	24	58	0	0	0	6	0	1		52	1	1		52	1	1		52	0			0	0			0
--	8334	10800505000898	10	Butler	145	20	165	35.3	32	24	56	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	11042	16200900100000	10	Clarion	202	20	222	24.5	26	24	50	0	0	0	2				0				0				0				0	0			0
--	11088	16401500301431	10	Clarion	45	20	65	36.4	30	24	54	0	0	0	2				0				0				0				0	0			0
--	19183	32055302000620	10	Indiana	40	20	60	33.5	30	24	54	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	19200	32095403700000	10	Indiana	42	20	62	26.6	24	24	48	0	0	0	2				0				0	1	0		0				0	0			0
--	19392	32401000100530	10	Indiana	119	20	139	33.5	28	24	52	0	0	0	2				0				0				0				0	0			0
--	1373	02100103601567	11	Allegheny	44	20	64	50.0	40	24	64	0	0	0	4	1	1		60	1	0		0	0	1		60	0	0		0	0	0		0
--	1496	02200800100053	11	Allegheny	28	20	48	23.0	28	24	52	0	0	0	0				0				0				0				0	0			0
--	1559	02204500300840	11	Allegheny	123	20	143	62.6	52	24	76	1	120	1,200	2		1		50		0		0		0		0		0		0	0			0
--	1626	02207501900000	11	Allegheny	32	20	52	26.0	34	24	58	0	0	0	2				0				0	0	1		0				0	0			0
--	1974	02403200902202	11	Allegheny	13	20	33	28.0	28	24	52	0	0	0	0				0				0				0				0	0			0
--	1976	02403600701676	11	Allegheny	19	20	39	32.6	32	24	56	0	0	0	0				0				0				0				0	0			0
--	1980	02403601303135	11	Allegheny	17	20	37	35.0	32	24	56	0	0	0	2				0				0	1			0				0	0			0
--	1982	02403601400961	11	Allegheny	18	20	38	32.0	32	24	56	0	0	0	0				0				0				0				0	0			0
--	1397	02101100101018	11	Allegheny	36	20	56	28.0	30	24	54	0	0	0	2	0	0		0	0	0		0	1	1		50	0	0		0	0	0		0
--	3602	04016805001748	11	Beaver	23	20	43	22.0	30	24	54	0	0	0	0				0				0				0				0	0			0
--	3693	04300500800933	11	Beaver	19	20	39	28.0	38	24	62	0	0	0			0		0				0				0				0	0			0
--	29174	49102700400616	03	Northumberland	27	20	47	32.9	24	24	48	0	0	0	2	0			0	0	1		47	0			0	0			0	0			0
--	3717	04302500701409	11	Beaver	44	20	64	26.5	30	24	54	0	0	0	0				0				0				0				0	0			0
--	3747	04401201000519	11	Beaver	52	20	72	26.0	30	24	54	0	0	0	0	0			0				0				0				0	0			0
--	3750	04401201500926	11	Beaver	60	20	80	36.7	32	24	56	0	0	0	0	0			0				0				0				0	0			0
--	22265	37020801000000	11	Lawrence	12	20	32	31.0	28	24	52	0	0	0	0	0			0				0				0				0	0			0
--	31169	54102300401962	03	Snyder	24	20	44	39.5	38	24	62	0	0	0	12	0	1		44	0			0	1			44	0			0	0	1		62
--	22358	37095601200542	11	Lawrence	130	20	150	38.5	28	24	52	0	0	0	0	0			0				0				0				0	0			0
--	22374	37100900603315	11	Lawrence	65	20	85	18.2	22	24	46	0	0	0	0	0			0				0				0				0	0			0
--	22378	37101200700000	11	Lawrence	67	20	87	27.5	24	24	48	0	0	0	0	0			0				0				0				0	0			0
--	22416	37201200103494	11	Lawrence	10	20	30	24.0	28	24	52	0	0	0	0	0			0				0				0				0	0			0
--	22439	37300300800000	11	Lawrence	25	20	45	25.0	22	24	46	0	0	0	0	0			0				0				0				0	0			0
--	22455	37301500201288	11	Lawrence	28	20	48	27.0	30	24	54	0	0	0					0				0				0				0	0			0

Early Completion (Y / N)	Bridge Key	BMS #	District	County	Relocate Underground Electric (EACH)	Relocate Underground Electric (EACH)	Diameter Underground Electric (INCH)	Relocate Underground Electric (LF)	Relocate Underground Unspecified (EACH)	Relocate Underground Unspecified (EACH)	Diameter Underground Unspecified (INCH)	Relocate Underground Unspecified (LF)	Attached Relocate Utility ype - i.e. waterlin	Attached Temporary Support (Y = 1, N = 0)	Attached Temporary Support Required	Attached Relocate Utility (LF)	Relocate Aerial (Y = 1, N = 0)	Relocate Aerial (LF)	Relocate Aerial Electric (EACH)	Permanent Aerial Electric (LF)	Permanent Aerial Telephone (EACH)	Permanent Aerial Telephone (LF)	Permanent Aerial TV (EACH)	Permanent Aerial TV (LF)	Permanent Aerial Fiber Optic (EACH)	Permanent Aerial Fiber Optic (LF)	Relocate Aerial Pole (EACH)	to ROW offset (FEET)	Extremity to Pole/Line offset (FEET)	Abutment to Pole/Line Distance (FEET)	Conflicts (Includes Attachments) (EACH)	Bridge Total Aerial Pole Conflicts (EACH)	& Poles Grand Total Conflicts (EACH)
--	25297	42015500200000	02	McKean	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			25.00	0.00	0.00	0.00
--	12486	19004402401397	03	Columbia	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			18.00	0.00	0.00	0.00
--	24938	41206101702204	03	Lycoming	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			18.00	0.00	0.00	0.00
--	31981	56015401501564	03	Tioga	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	40.00			0.00	0.00	0.00
--	24493	40800500201030	04	Luzerne	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	35810	63403703303161	04	Wayne	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	25.00		20.00	0.00	0.00	0.00
--	33765	60042702200000	01	Venango	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	37172	65029201500354	04	Wyoming	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	25.00		15.00	0.00	0.00	0.00
--	28493	48003300200000	05	Northampton	0	0		0	0			0	duit in parapet f	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	28494	48003300210000	05	Northampton	0	0		0	0			0	duit in parapet f	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	28606	48051202101582	05	Northampton	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			10.00	0.00	0.00	0.00
--	10599	15400800402407	06	Chester	0			0	0			0	5" Unknown	1	Yes	42	0	0	0	0	0	0	0	0	0	0	0	UNKNOWN			1.00	0.00	1.00
--	34056	61012700902381	01	Warren	0			0	0			0	3" Unknown	1	Yes	49	1	4,800	4	3,200	1	800	1	800	0	0	3			7.00	2.00	3.00	5.00
--	34077	61095701700981	01	Warren	0			0	0			0	None	0	None	0	1	1,200	0	0	2	800	1	400	0	0	1				2.00	1.00	3.00
--	34169	61301000600428	01	Warren	0	1		71	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				2.00	0.00	2.00
--	98	01011601100000	08	Adams	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			20.00	0.00	0.00	0.00
--	229	01200600400591	08	Adams	0			0	0			0	10" Gas	1	Yes	95	0	0	0	0	0	0	0	0	0	0	0			18.00	1.00	0.00	1.00
--	9360	14014403400099	02	Centre	0			0	0			0	None	0	None	0	1	4,800	2	1,200	4	2,400	1	600	1	600	2			5.00	4.00	2.00	6.00
--	319	01301301000061	08	Adams	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			15.00	0.00	0.00	0.00
--	14578	22400400202505	08	Dauphin	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			18.00	0.00	0.00	0.00
--	17407	28023302000092	08	Franklin	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			30.00	0.00	0.00	0.00
--	9431	14304001301062	02	Centre	0			0	0			0	None	0	None	0	1	10,200	8	4,800	3	1,800	5	3,000	1	600	2				2.00	2.00	4.00
--	17408	28027400200000	08	Franklin	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			30.00	0.00	0.00	0.00
--	21403	36101900500000	08	Lancaster	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	9778	14400200702338	02	Centre	0			0	0			0	None	0	None	0	1	3,200	3	1,200	4	1,600	1	400	0	0	1			8.00	3.00	1.00	4.00
--	21482	36105300200000	08	Lancaster	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	21533	36201000560000	08	Lancaster	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	21601	36300400200000	08	Lancaster	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	11399	17021904201459	02	Clearfield	0			0	0			0	None	0	None	0	1	800	0	0	1	400	1	400	0	0	1	40.00	2.00		1.00	1.00	2.00
--	21662	36303201100000	08	Lancaster	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			25.00	0.00	0.00	0.00
--	11404	17021904700185	02	Clearfield	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	40.00		25.00	1.00	0.00	1.00
--	22812	38402000800000	08	Lebanon	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			20.00	0.00	0.00	0.00
--	11461	17025503200000	02	Clearfield	0			0	0			0	None	0	None	0	1	6,600	6	3,600	4	2,400	1	600	0	0	2				1.00	2.00	3.00
--	29468	50001707600000	08	Perry	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	11698	17200703101047	02	Clearfield	0			0	0			0	None	0	None	0	1	7,200	6	4,800	1	800	2	1,600	0	0	3	30.00	8.00	8.00	3.00	3.00	6.00
--	11807	17300902501042	02	Clearfield	0	1		52	0			0	None	0	None	0	1	400	1	400	0	0	0	0	0	0	1	25.00	8.00	8.00	1.00	1.00	2.00
--	29565	50085002201839	08	Perry	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			75.00	0.00	0.00	0.00
--	12239	18047700300000	02	Clinton	1	1		63	0			0	None	0	None	0	1	4,800	5	2,000	4	1,600	3	1,200	0	0	1	UNKNOW			1.00	1.00	2.00
--	15531	24012002801546	02	Elk	0			0	0			0	None	0	None	0	1	7,800	5	3,000	5	3,000	3	1,800	0	0	2			0.00	3.00	2.00	5.00
--	37878	66304500800853	08	York	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			15.00	0.00	0.00	0.00
--	15560	24021904900000	02	Elk	0			0	0			0	" Water, 10" Sew	1	Yes	166	1	2,400	3	1,200	1	400	1	400	1	400	1			10.00	3.00	1.00	4.00
--	19992	34003507200000	02	Juniata	0			0	0			0	None	0	None	0	1	2,400	0	0	3	1,800	1	600	0	0	2	30.00	3.00		1.00	2.00	3.00
--	37890	66305100200000	08	York	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	37976	66401200602478	08	York	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	20118	34100400300549	02	Juniata	0			0	1	0		0	None	0	None	0	1	5,400	4	2,400	3	1,800	2	1,200	0	0	2			4.00	2.00	2.00	4.00
--	4010	05005600901305	09	Bedford	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	4177	05101200400000	09	Bedford	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	4196	05102000500880	09	Bedford				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	20.00			0.00	0.00	0.00
--	25216	42000605800309	02	McKean	0			0	0			0	None	0	None	0	1	13,200	7	8,400	2	2,400	1	1,200	1	1,200	5			8.00	1.00	5.00	6.00
--	25243	42004600600000	02	McKean	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	4386	05403101601407	09	Bedford	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	17853	29065504501203	09	Fulton	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	25308	42015501900182	02	McKean	0			0	0			0	None	0	None	0	1	1,200	0	0	2	800	0	0	1	400	1				1.00	1.00	2.00
--	25313	42015502701162	02	McKean	0			0	0			0	None	0	None	0	1	11,000	7	7,000	2	2,000	1	1,000	1	1,000	4			0.00	1.00	4.00	5.00
--	18576	31002202300000	09	Huntingdon				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	60.00			0.00	0.00	0.00
--	25418	42034604101617	02	McKean	0			0	0			0	None	0	None	0	1	8,000	4	3,200	1	800	2	1,600	3	2,400	3				3.00	3.00	6.00
--	25420	42034604201811	02	McKean	0			0	0			0	None	0	None	0	1	8,000	4	3,200	2	1,600	4	3,200	0	0	3			10.00	2.00	3.00	5.00
--	25459	42064602900000	02	McKean	0			0	0			0	None	0	None	0	1	3,200	6	2,400	1	400	1	400	0	0	1				2.00	1.00	3.00
--	25461	42077001300784	02	McKean	0			0	0			0	None	0	None	0	1	2,800	4	1,600	2	800	1	400	0	0	1	25.00	15.00	15.00	3.00	1.00	4.00
--	25462	42077001400000	02	McKean	0			0	0			0	None	0	None	0	1	400	1	400	0	0	0	0	0	0	1			40.00	2.00	1.00	3.00
--	25489	42101500100472	02	McKean	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			40.00	1.00	0.00	1.00
--	25495	42200100100806	02	McKean	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				2.00	0.00	2.00
--	18773	31100800400000	09	Huntingdon	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	25535	42401100102339	02	McKean	0			0	0			0	None	0	None	0	1	4,400	8	3,200	2	800	1	400	0	0	1			6.00	1.00	1.00	2.00
--	18785	31101900600000	09	Huntingdon	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	31528	55100700300000	09	Somerset	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	26472	44100200800896	02	Mifflin	0			0	0			0	None	0	None	0	1	3,200	1	800	2	1,600	1	800	0	0	3				3.00	3.00	6.00
--	26477	44100201200618	02	Mifflin	0			0	1	1		86	None	0	None	0	1	4,800	0	0	3	2,400	3	2,400	0	0	3				1.00	3.00	4.00
--	31651	55202600300000	09	Somerset	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	30.00			0.00	0.00	0.00
--	30090	52000602300000	02	Potter	0			0	0			0	None	0	None	0	1	3,600	5	2,000	3	1,200	1	400	0	0	1				3.00	1.00	4.00
--	30144	52004402700000	02	Potter	0			0	0			0	None	0	None	0	1	2,000	4	1,600	1	400	0	0	0	0	1				3.00	1.00	4.00
--	30156	52004408101925	02	Potter	0			0	0			0	None	0	None	0	1	1,200	1	400	1	400	1	400	0	0	1				2.00	1.00	3.00
--	3294	03301702801869	10	Armstrong	0	0		0	0	0		0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	30166	52004410100000	02	Potter	0			0	0			0	None	0	None	0	1	4,200	4	2,400	2	1,200	1	600	0	0	2			6.00	1.00	2.00	3.00
--	30190	52004904300530	02	Potter	0			0	0			0	None	0	None	0	1	4,800	4	2,400	3	1,800	1	600	0	0	2			8.00	2.00	2.00	4.00
--	8016	10102500100211	10	Butler				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	8061	10300400300433	10	Butler	0	0		0	0	0		0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	8104	10302700500194	10	Butler	0	0		0	0	0		0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	8113	10400201302768	10	Butler				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	6074	08001403400602	03	Bradford	0			0	0			0	None	0	None	0	1	11,400	13	7,800	4	2,400	2	1,200	0	0	2	25.00		1.00	3.00	2.00	5.00
--	8334	10800505000898	10	Butler	0	0		0	0	0		0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	11042	16200900100000	10	Clarion				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	11088	16401500301431	10	Clarion				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	19183	32055302000620	10	Indiana	0	0		0	0	0		0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	19200	32095403700000	10	Indiana				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	19392	32401000100530	10	Indiana				0	1			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	1373	02100103601567	11	Allegheny	0	0		0	0	0		0	2" Water, 12" Ga	1	Yes	128	1	8,400	6	3,600	4	2,400	4	2,400	0		4	23.50			3.00	4.00	7.00
--	1496	02200800100053	11	Allegheny				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	1559	02204500300840	11	Allegheny		0		0		0		0	line (asbestos wr	1	Yes	143	1	1,600	1	400	2	800	1	400	0		2				2.00	2.00	4.00
--	1626	02207501900000	11	Allegheny				0				0	6" Gas	1	Yes	52		0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	1974	02403200902202	11	Allegheny				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	1976	02403600701676	11	Allegheny				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	1980	02403601303135	11	Allegheny				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	1982	02403601400961	11	Allegheny				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	1397	02101100101018	11	Allegheny	0	0		0	0	0		0	8" EQT Gas	1	Yes	56	1	3,200	2	800	3	1,200	3	1,200			2						
--	3602	04016805001748	11	Beaver				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	3693	04300500800933	11	Beaver				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	29174	49102700400616	03	Northumberland	0			0	0			0	None	0	None	0	1	3,000	2	1,200	1	600	2	1,200	0	0	2	16.50		8.00	1.00	2.00	3.00
--	3717	04302500701409	11	Beaver				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	3747	04401201000519	11	Beaver				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	3750	04401201500926	11	Beaver				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	22265	37020801000000	11	Lawrence				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	31169	54102300401962	03	Snyder	0	1		62	0			0	14" Sewer (both	1	Yes	88	1	8,000	6	4,800	3	2,400	1	800	0	0	3	25.00		0.00	4.00	3.00	7.00
--	22358	37095601200542	11	Lawrence				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	22374	37100900603315	11	Lawrence				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	22378	37101200700000	11	Lawrence				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	22416	37201200103494	11	Lawrence				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	22439	37300300800000	11	Lawrence				0				0	None	0	None	0		0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	22455	37301500201288	11	Lawrence				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00

					PennDOT	JV	JV	PennDOT	PennDOT	JV	JV	JV	JV	JV	JV	PennDOT	JV	JV	JV	PennDOT	JV	JV	JV	PennDOT	JV	JV	JV	PennDOT	JV	JV	JV
												RAILROAD			Due	No. of	No. of		Total	No. of	No. of		Total	No. of	No. of		Total	No. of	No. of		Total
Early Completion (Y / N)	Bridge Key	BMS #	District	County	Existing Bridge Length (LF)	additional lengthing of Bridge (LF)	New Proposed Bridge Length (LF)	Existing Bridge Width (LF)	Proposed Bridge Width Curb to Curb (LF)	additional width for parapet & buffer (LF)	New Proposed Bridge Width Curb to Curb (LF)	No. of Railroad flagmen	Duration of RR flagmen (SHFT)	Total Railroad flagmen (HOURS)	Diligence Test Pits (EACH)	Relocate Underground Water (EACH)	Relocate Underground Water (EACH)	Diameter Underground Water (INCH)	Relocate Underground Water (LF)	Relocate Underground Sanitary (EACH)	Relocate Underground Sanitary (EACH)	Diameter Underground Sanitary (INCH)	Relocate Underground Sanitary (LF)	Relocate Underground Gas (EACH)	Relocate Underground Gas (EACH)	Diameter Underground Gas (INCH)	Relocate Underground (LF)	Relocate Underground Oil (EACH)	Relocate Underground Oil (EACH)	Diameter Underground Oil (INCH)	Relocate Underground Oil (LF)	Relocate Underground Fiber Optic (EACH)	Relocate Underground Fiber Optic (EACH)	Diameter Underground Fiber Optic (INCH)	Relocate Underground Fiber Optic (LF)
--	16713	26100100200639	12	Fayette	39	20	59	15.7	22	24	46	0	0	0					0				0				0				0				0
--	16757	26103100601336	12	Fayette	38	20	58	25.7	24	24	48	0	0	0					0				0				0				0				0
--	16758	26103100700299	12	Fayette	35	20	55	22.3	24	24	48	1	45	450					0				0				0				0				0
--	17052	26404400201593	12	Fayette	46	20	66	26.8	26	24	50	0	0	0					0				0				0				0				0
--	18351	30300600100674	12	Greene	45	20	65	14.0	22	24	46	0	0	0					0				0				0				0				0
--	34879	62200700200048	12	Washington	26	20	46	24.0	24	24	48	0	0	0					0				0				0				0				0
--	34977	62203400500000	12	Washington	25	20	45	22.3	22	24	46	0	0	0					0				0				0				0				0
--	34996	62203700403160	12	Washington	22	20	42	25.0	24	24	48	0	0	0					0				0				0				0				0
--	35227	62406100401960	12	Washington	40	20	60	15.0	22	24	46	0	0	0					0				0				0				0				0
--	36248	64071102601107	12	Westmoreland	88	20	108	36.0	34	24	58	0	0	0	2				0				0				0				0				0
--	36365	64100400200165	12	Westmoreland	31	20	51	15.1	22	24	46	0	0	0					0				0				0				0				0
--	16920	26301301601348	12	Fayette	31	20	51	24.0				0	0	0					0				0				0				0				0
--	16923	26301301701416	12	Fayette	45	20	65	26.3				0	0	0	2				0				0				0				0				0
--	16930	26301301901171	12	Fayette	52	20	72	16.8				0	0	0					0				0				0				0				0
--	3955	05003001100000	09	Bedford	50	20	70	43.1	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	1365	02100102101194	11	Allegheny	40	20	60	48.0	36	24	60	0	0	0					0				0				0				0				0
--	16373	25401100800860	01	Erie	63	20	83	33.0	34	24	58	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	17207	27066600700000	01	Forest	65	20	85	27.0	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37163	65026700100659	04	Wyoming	23	20	43	31.0	26	24	50	0	0	0	2	0	1		43	0	1		43	0			0	0			0	0			0
--	26008	43302001700000	01	Mercer	23	20	43	16.5	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	4900	06062501301318	05	Berks	38	20	58	25.0	30	24	54	0	0	0	0	0			0	0	1		58	0			0	0			0	0			0
--	33957	61000603900000	01	Warren	32	20	52	39.5	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	9679	14201300100000	02	Centre	59	20	79	14.1	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	9790	14400600100000	02	Centre	160	20	180	28.0	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	5147	06300900701675	05	Berks	37	20	57	26.0	30	24	54	0	0	0	2	0	1		57	0	1		57	0	1		57	0	1		57	0			0
--	11245	17005306400000	02	Clearfield	24	20	44	42.7	44	24	68	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	23144	39022202103224	05	Lehigh	85	20	105	63.0	54	24	78	0	0	0	0	0	1		183	0	0		0	0			0	0			0	0			0
--	23228	39100400202044	05	Lehigh	44	20	64	41.4	32	24	56	0	0	0	6	0	0		0	0	1		56	0	0		0	0			0	0			0
--	23330	39204900302189	05	Lehigh	93	20	113	25.8	32	24	56	0	0	0	4	0	1		226	0	1		56	0	0		0	0			0	0			0
--	23136	39622200303519	05	Lehigh	71	20	91	45.0	41	24	65	0	0	0	4	0			0	0	1		65	0	0		0	0			0	0			0
--	11403	17021904602606	02	Clearfield	32	20	52	41.1	42	24	66	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	11454	17025502200000	02	Clearfield	45	20	65	33.2	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	25281	42005904500000	02	McKean	22	20	42	39.3	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	25314	4201550290238	02	McKean	50	20	70	35.7	40	24	64	0	0	0	0	0			0	0			0	0	0		0	0			0	0			0
--	25500	42200200320000	02	McKean	51	20	71	35.8	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0	0		0
--	28361	47025400200000	03	Montour	66	20	86	27.5	36	24	60	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29311	49402600100165	03	Northumberland	37	20	57	20.4	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	32931	58054902602539	03	Tioga	25	20	45	26.4	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	6348	8105900700582	03	Bradford	43	20	63	16.4	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	31948	56008701100148	03	Sullivan	59	20	79	25.8	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	6191	08041403800000	03	Bradford	22	20	42	35.1	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	27605	46201300320000	06	Montgomery	38	20	58	48.5	36	24	60	0	0	0	0	0	1		0	0	0		0	0	1	4	58	0			0	0			0
--	27643	46202700500209	06	Montgomery	46	20	66	26.0	32	24	56	0	0	0	2	0			0	0	1		66	0			0	0			0	0			0
--	27757	46304400500389	06	Montgomery	20	20	40	34.6	26	24	50	0	0	0	2	0	1		40	0			0	0			0	0			0	0			0
--	33788	60201301000000	01	Venango	132	20	152	26.7	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	47	01003003000000	08	Adams	98	20	118	46.8	48	24	72	0	0	0	2	0			0	0			0	0	1		118	0			0	0			0
--	71	01003402200745	08	Adams	50	20	70	26.0	40	24	64	0	0	0	4	0			0	0	1		70	0	1		70	0			0	0			0
--	34001	61002705203359	01	Warren	31	20	51	26.0	32	24	56	0	0	0	0	0			0	0			0	0	0		0	0			0	0			0
--	87	01009701000240	08	Adams	50	20	70	41.3	40	24	64	0	0	0	2	0			0	0			0	0	1		70	0			0	0			0
--	20137	34200601501696	02	Juniata	26	20	46	26.1	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	128	01019402401689	08	Adams	29	20	49	28.4	40	24	64	0	0	0	4	0	1		49	0	1		64	0	0		0	0			0	0			0
--	28387	47100600100570	03	Montour	40	20	60	19.1	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29178	49200100200000	03	Northumberland	23	20	43	26.3	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	32822	58004901400434	03	Tioga	42	20	62	47.5	38	24	62	0	0	0	1	0			0	0			0	1			62	0			0	0			0
--	33209	58403501300426	03	Tioga	64	20	84	27.3	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	32327	57037400502476	04	Susquehanna	110	20	130	28.0	30	24	54	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	32378	57085800500000	04	Susquehanna	52	20	72	37.5	32	24	56	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	32647	57400201300000	04	Susquehanna	30	20	50	30.3	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	28660	48100400601655	05	Northampton	46	20	66	26.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	364	01400601202897	08	Adams	66	20	86	26.0	28	24	52	0	0	0	2	0			0	0			0	0	1		86	0			0	0			0
--	381	01401100101013	08	Adams	43	20	63	27.2	28	24	52	0	0	0	2	0			0	0			0	0	1		115	0			0	0			0
--	13564	21001105202844	08	Cumberland	46	20	66	75.5	74	24	98	0	0	0	2	0	0		0	0	0		0	0	0		0	0			0	0			0
--	198	01101601101587	08	Adams	79	20	99	26.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13961	21400800302148	08	Cumberland	27	20	47	24.3	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21446	36103501500846	08	Lancaster	27	20	47	18.1	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21514	36200200602329	08	Lancaster	34	20	54	27.3	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	31343	55003104200000	09	Somerset	50	20	70	40.0	40	24	64	0	0	0					0				0				0				0				0
--	7925	10030800801195	10	Butler	34	20	54	33.4	30	24	54	0	0	0					0				0				0				0				0
--	19807	33400100700000	10	Jefferson	64	20	84	25.1	24	24	48	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	16922	26301301700955	12	Fayette	43	20	63	26.3	24	24	48	0	0	0					0				0				0				0				0
--	34907	62201500200805	12	Washington	52	20	72	20.8	26	24	50	1	20	200					0				0				0				0				0
--	35103	62400300701841	12	Washington	37	20	57	15.5	22	24	46	0	0	0					0				0				0				0				0
--	35171	62402300200000	12	Washington	28	20	48	13.5	24	24	48	0	0	0					0				0				0				0				0
--	35201	62403900701840	12	Washington	34	20	54	18.7	24	24	48	0	0	0					0				0				0				0				0
--	25858	43031801500622	01	Mercer	59	20	79	35.0	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	6136	08022001301099	03	Bradford	72	20	92	26.0	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	24748	41041400100417	03	Lycoming	36	20	56	26.2	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	17592	28400801900060	08	Franklin	64	20	84	27.4	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0	1		84
--	29303	49402000301775	03	Northumberland	55	20	75	26.7	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29306	49402200101591	03	Northumberland	23	20	43	26.4	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	32437	57101801302350	04	Susquehanna	40	20	60	26.2	24	24	48	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	35471	63019106701296	04	Wayne	28	20	48	26.0	30	24	54	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	4957	06100800300000	05	Berks	27	20	47	27.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	28672	48101500801677	05	Northampton	46	20	66	30.5	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21251	36037204240000	08	Lancaster	87	20	107	36.0	24	24	48	0	0	0	2	0			0	0	1		107	0			0	0			0	0			0
--	21277	36046202200000	08	Lancaster	44	20	64	52.3	52	24	76	0	0	0	6	0	1		64	0	1		64	0			0	0			0	0	1		0
--	185	01101400501701	08	Adams	43	20	63	25.7	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13735	21023300900266	08	Cumberland	21	20	41	25.6	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13946	21301900100000	08	Cumberland	50	20	70	18.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	14481	22201200100356	08	Dauphin	96	20	116	29.7	32	24	56	1	45	450	2	0			0	0	0		0	0			0	0			0	0	0		0
--	17471	28099706500000	08	Franklin	67	20	87	32.6	38	24	62	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	17593	28400802301142	08	Franklin	74	20	94	30.2	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21439	36103400200000	08	Lancaster	32	20	52	27.2	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21518	36200500300000	08	Lancaster	37	20	57	26.2	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21558	36202000100000	08	Lancaster	36	20	56	23.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29451	50001701101051	08	Perry	42	20	62	27.1	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29605	50101502002360	08	Perry	49	20	69	44.3	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37921	66307100100000	08	York	33	20	53	26.3	28	24	52	0	0	0	0	0	0		0	0			0	0			0	0			0	0			0
--	18784	31101900100185	09	Huntingdon	114	20	134	25.0	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	16910	26301100900000	12	Fayette	28	20	48	26.0	24	24	48	0	0	0					0				0				0				0				0
--	18222	30101400803315	12	Greene	68	20	88	16.0	22	24	46	0	0	0					0				0				0				0				0
--	35090	62303700801515	12	Washington	39	20	59	17.0	22	24	46	0	0	0					0				0				0				0				0
--	33956	61000603502233	01	Warren	21	20	41	39.0	40	24	64	0	0	0	0	0			0	0			0	0	0		0	0			0	0			0
--	33982	61000608200000	01	Warren	44	20	64	42.0	40	24	64	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	26468	44065502201820	02	Mifflin	22	20	42	42.0	40	24	64	0	0	0	0	0	0		0	0			0	0			0	0			0	0			0
--	30191	52004904400406	02	Potter	20	20	40	32.3	34	24	58	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	30233	52044900501401	02	Potter	20	20	40	26.3	34	24	58	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	30348	52200201302331	02	Potter	100	20	120	27.0	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	32153	57001104601461	04	Susquehanna	54	20	74	49.0	46	24	70	0	0	0	2	0			0	0			0	0			0	0			0	0			0

Early Completion (Y / N)	Bridge Key	BMS #	District	County	Relocate Underground Electric (EACH)	Relocate Underground Electric (EACH)	Diameter Underground Electric (INCH)	Relocate Underground Electric (LF)	Relocate Underground Unspecified (EACH)	Relocate Underground Unspecified (EACH)	Diameter Underground Unspecified (INCH)	Relocate Underground Unspecified (LF)	Attached Relocate Utility type - i.e. waterlir	Attached Temporary Support (Y = 1, N = 0)	Attached Temporary Support Required	Attached Relocate Utility (LF)	Relocate Aerial (Y = 1, N = 0)	Relocate Aerial (LF)	Relocate Aerial Electric (EACH)	Permanent Aerial Electric (LF)	Permanent Aerial Telephone (EACH)	Permanent Aerial Telephone (LF)	Permanent Aerial TV (EACH)	Permanent Aerial TV (LF)	Permanent Aerial Fiber Optic (EACH)	Permanent Aerial Fiber Optic (LF)	Relocate Aerial Pole (EACH)	to ROW offset (FEET)	Extremity to Pole/Line offset (FEET)	Abutment to Pole/Line Distance (FEET)	Conflicts (Includes Attachments) (EACH)	Bridge Total Aerial Pole Conflicts (EACH)	& Poles Grand Total Conflicts (EACH)
--	16713	26100100200639	12	Fayette				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	16757	26103100601336	12	Fayette				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	16758	26103100700299	12	Fayette				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	17052	26404400201593	12	Fayette				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	18351	30300600100674	12	Greene				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	34879	62200700200048	12	Washington				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	34977	62203400500000	12	Washington				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	34996	62203700403160	12	Washington				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	35227	62406100401960	12	Washington				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	36248	64071102601107	12	Westmoreland				0				0	12" Unknown	1	Yes	108	0	0	0	0	0	0	0	0	0	0	0	30.00			1.00	0.00	1.00
--	36365	64100400200165	12	Westmoreland				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	16920	26301301601348	12	Fayette				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	16923	26301301701416	12	Fayette				0				0	3" Gas	1	Yes	65	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	16930	26301301901171	12	Fayette				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	3955	05003001100000	09	Bedford	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	50.00, 40.00			0.00	0.00	0.00
--	1365	02100102101194	11	Allegheny				0				0	None	0	None	0	1	400	1	400	0	0	0	0	0	0	1				0.00	1.00	1.00
--	16373	2540110080860	01	Erie	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	17207	27066600700000	01	Forest	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	37163	65026700100659	04	Wyoming	0			0	0			0	None	0	None	0	1	4,800	4	2,400	2	1,200	1	600	1	600	2	25.00		6.00	2.00	2.00	4.00
--	26008	43302001700000	01	Mercer	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			25.00	0.00	0.00	0.00
--	4900	06062501301318	05	Berks	0			0	0			0	None	0	None	0	1	1,200	0	0	1	400	2	800	0	0	1			6.00	1.00	1.00	2.00
--	33957	61000603900000	01	Warren	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	9679	14201300100000	02	Centre	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	9790	14400600100000	02	Centre	0			0	0			0	5" Water	1	Yes	180	0	0	0	0	0	0	0	0	0	0	0	25.00		15.00	1.00	1.00	1.00
--	5147	06300900701675	05	Berks	0			0	0			0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1			6.00	4.00	1.00	5.00
--	11245	17005306400000	02	Clearfield	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	40.00		100.00	0.00	0.00	0.00
--	23144	39022202103224	05	Lehigh	0			0	0			0	None	0	None	0	1	400	1	400	0	0	0	0	0	0	1				1.00	1.00	2.00
--	23228	39100400202044	05	Lehigh	0			0	0			0	8" Gas, 8" Water	1	Yes	128	1	16,000	8	8,000	4	4,000	1	1,000	3	3,000	4			3.00	2.00	4.00	6.00
--	23330	39204900302189	05	Lehigh	0			0	0			0	8" Gas	1	Yes	113	0	0	0	0	0	0	0	0	0	0	0			15.00	3.00	0.00	3.00
--	23136	39622200303519	05	Lehigh	0			0	0			0	12" Gas	1	Yes	91	1	5,600	4	3,200	2	1,600	0	0	1	800	3			10.00	2.00	3.00	5.00
--	11403	17021904602606	02	Clearfield	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	40.00		75.00	0.00	0.00	0.00
--	11454	17025502200000	02	Clearfield	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	25281	42005904500000	02	McKean	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	25314	42015502900238	02	McKean	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0			50.00	0.00	0.00	0.00
--	25500	42200200320000	02	McKean	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				0.00	0.00	0.00
--	28361	47025400200000	03	Montour	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	40.00		140.00	0.00	0.00	0.00
--	29311	49402600100165	03	Northumberland	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	16.50		48.00	0.00	0.00	0.00
--	32931	58054902602539	03	Tioga	0			0	0			0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0	25.00			0.00	0.00	0.00
--	6348	8105900700582	03	Bradford	0			0	0			0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1	25.00		0.00	0.00	1.00	1.00
--	31948	56008701100148	03	Sullivan	0			0	0			0	None	0	None	0	1	400	1	400	0	0	0	0	0	0	1	40.00		0.00	0.00	1.00	1.00
--	6191	08041403800000	03	Bradford	0			0	0			0	None	0	None	0	1	0	0	0	0	0	0	0	0	0	1	30.00			0.00	1.00	1.00
--	27605	46201300320000	06	Montgomery	0			0	0			0	None	0	None	0	1	12,800	8	6,400	4	3,200	1	800	3	2,400	3			5.00	2.00	3.00	5.00
--	27643	46202700500209	06	Montgomery	0			0	0			0	None	0	None	0	1	6,400	4	3,200	2	1,600	1	800	1	800	3				1.00	3.00	4.00
--	27757	46304400500389	06	Montgomery	0			0	0			0	None	0	None	0	1	400	1	400	0	0	0	0	0	0	1				1.00	1.00	2.00
--	33788	60201301000000	01	Venango	0			0	0			0	None	0	None	0	1	1,600	4	1,600	0	0	0	0	0	0	1				0.00	1.00	1.00
--	47	01003003000000	08	Adams	0			0	0			0	None	0	None	0	1	9,600	8	6,400	2	1,600	1	800	1	800	3			1.00	1.00	3.00	4.00
--	71	01003402200745	08	Adams	0			0	0			0	None	0	None	0	1	13,600	12	9,600	1	800	2	1,600	2	1,600	3			4.00	2.00	3.00	5.00
--	34001	61002705203359	01	Warren	0			0	0			0	None	0	None	0	1	3,200	8	3,200	0	0	0	0	0	0	1			6.00	0.00	1.00	1.00
--	87	01009701000240	08	Adams	0			0	0			0	None	0	None	0	1	7,200	8	4,800	2	1,200	1	600	1	600	2			4.00	1.00	2.00	3.00
--	20137	34200601501696	02	Juniata	0			0	0			0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1			0.00	0.00	1.00	1.00
--	128	01019402401689	08	Adams	0			0	0			0	None	0	None	0	1	4,200	4	2,400	2	1,200	1	600	0	0	2			8.00	2.00	2.00	4.00
--	28387	47100600100570	03	Montour	0			0	0			0	None	0	None	0	1	800	0	0	2	800	0	0	0	0	1	25.00		15.00	0.00	1.00	1.00
--	29178	49200100200000	03	Northumberland	0			0	0			0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1	25.00			0.00	1.00	1.00
--	32822	58004901400434	03	Tioga	0			0	0			0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1	25.00			0.00	1.00	1.00
--	33209	58403501300426	03	Tioga	0			0	0			0	None	0	None	0	1	1,600	0	0	4	1,600	0	0	0	0	1	30.00		15.00	0.00	1.00	1.00
--	32327	57037400502476	04	Susquehanna	0			0	0			0	None	0	None	0	1	1,200	0	0	3	1,200	0	0	0	0	1				0.00	1.00	1.00
--	32378	57085800500000	04	Susquehanna	0			0	0			0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1			6.00	0.00	1.00	1.00
--	32647	57400201300000	04	Susquehanna	0			0	0			0	None	0	None	0	1	800	0	0	2	800	0	0	0	0	1			6.00	0.00	1.00	1.00
--	28660	48100400601655	05	Northampton	0			0	0			0	None	0	None	0	1	1,200	0	0	3	1,200	0	0	0	0	1			10.00	0.00	1.00	1.00
--	364	01400601202897	08	Adams	0			0	0			0	None	0	None	0	1	2,400	3	1,800	1	600	0	0	0	0	2			2.00	1.00	2.00	3.00
--	381	01401100101013	08	Adams	0			0	0			0	None	0	None	0	1	2,400	2	1,200	2	1,200	0	0	0	0	2			10.00	1.00	2.00	3.00
--	13564	21001105202844	08	Cumberland	0	1		66	0			0	6" Gas (insulatec	1	Yes	66	1	7,200	6	3,600	4	2,400	1	600	1	600	2			3.00	2.00	2.00	4.00
--	198	01101601101587	08	Adams	0			0	0			0	None	0	None	0	1	1,600	4	1,600	0	0	0	0	0	0	1			10.00	0.00	1.00	1.00
--	13961	21400800302148	08	Cumberland	0			0	0			0	None	0	None	0	1	400	1	400	0	0	0	0	0	0	1			8.00	0.00	1.00	1.00
--	21446	36103501500846	08	Lancaster	0			0	0			0	None	0	None	0	1	800	0	0	2	800	0	0	0	0	1	UNKNOWN			0.00	1.00	1.00
--	21514	36200200602329	08	Lancaster	0			0	0			0	None	0	None	0	1	1,200	0	0	3	1,200	0	0	0	0	1				0.00	1.00	1.00
--	31343	55003104200000	09	Somerset				0				0	None	0	None	0	1	1,200	3	1,200	0	0	0	0	0	0	1	28.00, 32.00			0.00	1.00	1.00
--	7925	10030800801195	10	Butler				0				0	None	0	None	0	1	800	0	0	2	800	0	0	0	0	1				0.00	1.00	1.00
--	19807	33400100700000	10	Jefferson	0	0		0	0	0		0	None	0	None	0	1	800	2	800	0	0	0	0	0	0	1				0.00	1.00	1.00
--	16922	26301301700955	12	Fayette				0				0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1				0.00	1.00	1.00
--	34907	62201500200805	12	Washington				0				0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1				0.00	1.00	1.00
--	35103	62400300701841	12	Washington				0				0	None	0	None	0	1	800	0	0	2	800	0	0	0	0	1				0.00	1.00	1.00
--	35171	62402300200000	12	Washington				0				0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1				0.00	1.00	1.00
--	35201	62403900701840	12	Washington				0				0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1				0.00	1.00	1.00
--	25858	4303180150062	01	Mercer	0			0	0			0	None	0	None	0	1	1,600	0	0	2	800	2	800	0	0	1			13.00	0.00	1.00	1.00
--	6136	08022001301099	03	Bradford	0			0	0			0	None	0	None	0	1	1,200	0	0	2	800	1	400	0	0	1	25.00			0.00	1.00	1.00
--	24748	41041400100417	03	Lycoming	0			0	0			0	None	0	None	0	1	800	1	400	1	400	0	0	0	0	1	25.00		12.00	0.00	1.00	1.00
--	17592	28400801900060	08	Franklin	0			0	0			0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2			6.00	1.00	2.00	3.00
--	29303	49402000301775	03	Northumberland	0			0	0			0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1	16.50		7.00	0.00	1.00	1.00
--	29306	49402200101591	03	Northumberland	0			0	0			0	None	0	None	0	1	1,600	3	1,200	1	400	0	0	0	0	1			10.00	0.00	1.00	1.00
--	32437	57101801302350	04	Susquehanna	0			0	0			0	None	0	None	0	1	3,200	4	1,600	4	1,600	0	0	0	0	1			6.00	0.00	1.00	1.00
--	35471	63019106701296	04	Wayne	0			0	0			0	None	0	None	0	1	2,400	4	1,600	2	800	0	0	0	0	1	25.00		6.00	0.00	1.00	1.00
--	4957	06100800300000	05	Berks	0			0	0			0	None	0	None	0	1	3,600	4	1,600	5	2,000	0	0	0	0	1			0.00	0.00	1.00	1.00
--	28672	48101500801677	05	Northampton	0			0	0			0	None	0	None	0	1	2,400	2	800	4	1,600	0	0	0	0	1			6.00	0.00	1.00	1.00
--	21251	36037204240000	08	Lancaster	0			0	0			0	None	0	None	0	1	3,000	2	1,200	3	1,800	0	0	0	0	2				1.00	2.00	3.00
--	21277	36046202200000	08	Lancaster	0			0	0			0	12" Fiber Optic.	1	Yes	192	1	7,200	3	2,400	3	2,400	2	1,600	1	800	3			5.00	4.00	3.00	7.00
--	185	01101400501701	08	Adams	0			0	0			0	None	0	None	0	1	2,400	4	1,600	2	800	0	0	0	0	1			8.00	0.00	1.00	1.00
--	13735	21023300900266	08	Cumberland	0			0	0			0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1	16.50		3.00	0.00	1.00	1.00
--	13946	21301900100000	08	Cumberland	0			0	0			0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1			0.00	0.00	1.00	1.00
--	14481	22201200100356	08	Dauphin	0			0	0			0	None	0	None	0	1	3,600	4	1,600	5	2,000	0	0	0	0	1				0.00	1.00	1.00
--	17471	28099706500000	08	Franklin	0			0	0			0	None	0	None	0	1	2,000	3	1,200	2	800	0	0	0	0	1	35.00	10.00	10.00	0.00	1.00	1.00
--	17593	28400802301142	08	Franklin	0			0	0			0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1			8.00	0.00	1.00	1.00
--	21439	36103400200000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,600	3	1,200	0	0	1	400	0	0	1				0.00	1.00	1.00
--	21518	36200500300000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1				0.00	1.00	1.00
--	21558	36202000100000	08	Lancaster	0			0	0			0	None	0	None	0	1	800	0	0	1	400	1	400	0	0	1				0.00	1.00	1.00
--	29451	50001701101051	08	Perry	0			0	0			0	None	0	None	0	1	1,600	2	800	2	800	0	0	0	0	1			9.00	0.00	1.00	1.00
--	29605	50101502002360	08	Perry	0			0	0			0	None	0	None	0	1	2,000	0	0	2	800	3	1,200	0	0	1			1.00	0.00	1.00	1.00
--	37921	66307100100000	08	York	0			0	0			0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1			12.00	0.00	1.00	1.00
--	18784	31101900100185	09	Huntingdon	0			0	0			0	None	0	None	0	1	800	0	0	1	400	1	400	0	0	1	30.00			0.00	1.00	1.00
--	16910	26301100900000	12	Fayette				0				0	None	0	None	0	1	800	0	0	1	400	1	400	0	0	1				0.00	1.00	1.00
--	18222	30101400803315	12	Greene				0				0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1				0.00	1.00	1.00
--	35090	62303700801515	12	Washington				0				0	None	0	None	0	1	800	1	400	1	400	0	0	0	0	1				0.00	1.00	1.00
--	33956	61000603502233	01	Warren	0			0	0			0	None	0	None	0	1	4,400	8	3,200	1	400	2	800	0	0	1			8.00	0.00	1.00	1.00
--	33982	61000608200000	01	Warren	0			0	0			0	12" Gas	1	Yes	64	1	4,000	4	1,600	2	800	4	1,600	0	0	1			8.00	1.00	1.00	2.00
--	26468	44055502201820	02	Mifflin	0			0	0			0	None	0	None	0	1	2,800	4	1,600	2	800	1	400	0	0	1			3.25	0.00	1.00	1.00
--	30191	52004904400406	02	Potter	0			0	0			0	None	0	None	0	1	3,200	4	1,600	3	1,200	1	400	0	0	1			3.00	0.00	1.00	1.00
--	30233	52044900501401	02	Potter	0			0	0			0	None	0	None	0	1	3,600	4	1,600	3	1,200	2	800	0	0	1			10.00	0.00	1.00	1.00
--	30348	52200201302331	02	Potter	0			0	0			0	None	0	None	0	1	2,800	4	1,600	2	800	1	400	0	0	1			4.00	0.00	1.00	1.00
--	32153	57001104601461	04	Susquehanna	0			0	0			0	None	0	None	0	1	3,600	4	1,600	2	800	3	1,200	0	0	1	25.00	5.00	6.00	0.00	1.00	1.00

Early Completion (Y / N)	Bridge Key	BMS #	District	County	Existing Bridge Length (LF)	additional lengthing of Bridge (LF)	Proposed Bridge Length (LF)	Existing Bridge Width (LF)	Proposed Bridge Width Curb to Curb (LF)	additional width for parapet & buffer (LF)	New Proposed Bridge Width Curb to Curb (LF)	No. of Railroad flagmen	Duration of RR flagmen (SHFT)	Total Railroad flagmen (HOURS)	Diligence Test Pits (EACH)	Relocate Underground Water (EACH)	Relocate Underground Water (EACH)	Diameter Underground Water (INCH)	Relocate Underground Water (LF)	Relocate Underground Sanitary (EACH)	Relocate Underground Sanitary (EACH)	Diameter Underground Sanitary (INCH)	Relocate Underground Sanitary (LF)	Relocate Underground Gas (EACH)	Relocate Underground Gas (EACH)	Diameter Underground Gas (INCH)	Relocate Underground Gas (LF)	Relocate Underground Oil (EACH)	Relocate Underground Oil (EACH)	Diameter Underground Oil (INCH)	Relocate Underground Oil (LF)	Relocate Underground Fiber Optic (EACH)	Relocate Underground Fiber Optic (EACH)	Diameter Underground Fiber Optic (INCH)	Relocate Underground Fiber Optic (LF)
--	21292	36062501302573	08	Lancaster	54	20	74	34.5	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21637	36301702401388	08	Lancaster	39	20	59	26.0	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29426	50001100300893	08	Perry	30	20	50	42	52	24	76	0	0	0	2	0			0	0	1		76	0			0	0			0	0			0
--	5763	07300500100050	09	Blair	62	20	82	25.8	26	24	50	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	31471	55052300801065	09	Somerset	11	20	31	25.0	28	24	52	0	0	0					0				0				0				0				0
--	16782	26104300200093	12	Fayette	82	20	102	25.0	26	24	50	0	0	0	2				0				0				0				0				0
--	16868	26201500300000	12	Fayette	30	20	50	25.0	24	24	48	0	0	0					0				0				0				0				0
--	34985	62203600500000	12	Washington	50	20	70	23.0	24	24	48	0	0	0					0				0				0				0				0
--	9576	14100200501555	02	Centre	29	20	49	23.4	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21237	36034003700000	08	Lancaster	91	20	111	32.8	34	24	58	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29673	50301700100000	08	Perry	30	20	50	24.4	24	24	48	0	0	0	2	0			0	0			0	0			0	0			0	0	1		50
--	12902	20000608400273	01	Crawford	11	20	31	30	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37488	66012401400000	08	York	43	20	63	25.8	40	24	64	0	0	0	2	0	1		0	0			0	0			0	0			0	0			0
--	11390	17021902800000	02	Clearfield	34	20	54	43.0	44	24	68	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	11658		02	Clearfield	26	20	46	24.9	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	20106	34100200200000	02	Juniata	106	20	126	24.2	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	24603	41011801700622	03	Lycoming	33	20	53	34	37	24	61	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37641	66092100900000	08	York	29	20	49	27.5	40	24	64	0	0	0	8	0	1		49	0	1		49	0	1		49	0			0	0	1		49
--	37725	66202800800249	08	York	34	20	54	42.6	26	24	50	0	0	0	2	0	1		50	0			0	0			0	0			0	0			0
--	32244	57010601220638	04	Susquehanna	114	20	134	29.0	40	24	64	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	27868	46404200341011	06	Montgomery	131	20	151	31.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	160	01039400600526	08	Adams	154	20	174	25.2	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21409	36102100420000	08	Lancaster	137	20	157	22.9	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37946	66400102102301	08	York	98	20	118	26.0	40	24	64	0	0	0	2	0			0	0	1		64	0			0	0			0	0			0
--	21474	36104800500000	08	Lancaster	38	20	58	26.2	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21545	36201500400000	08	Lancaster	96	20	116	24.6	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37590	66042504600314	08	York	48	20	68	25.7	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37607	66061601000255	08	York	58	20	78	26.1	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	38007	66403300403136	08	York	122	20	142	19.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	17813	29048400101102	09	Fulton	118	20	138	25.9	24	24	48	0	0	0					0				0				0				0				0
--	17850	29065503900454	09	Fulton	31	20	51	24.4	28	24	52	0	0	0					0				0				0				0				0
--	17873	29100100100266	09	Fulton	37	20	57	28.0	28	24	52	0	0	0					0				0				0				0				0
--	31608	55201301000000	09	Somerset	39	20	59	14.0	24	24	48	0	0	0					0				0				0				0				0
--	1881	02310800100174	11	Allegheny	16	20	36	26.1	30	24	54	0	0	0	0				0				0				0				0				0
--	16673	26038100801000	12	Fayette	37	20	57	25.0	26	24	50	0	0	0					0				0				0				0				0
--	12879	20000604100000	01	Crawford	23	20	43	69.5	71	24	95	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13367	20401100200000	01	Crawford	26	20	46	24.5	26	24	50	0	0	0	2	0			0	1			46	0			0	0			0	0			0
--	17208	27066600900000	01	Forest	30	20	50	25.5	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	9434	14304001500701	02	Centre	45	20	65	45.0	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	32507	57202100501583	04	Susquehanna	210	20	230	33.5	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	5883	07403100301171	09	Blair	21	20	41	30.0	30	24	54	0	0	0	7	1	1		41	1	1		41	1	1		41	0			0	0			0
--	35675	63401401300733	04	Wayne	49	20	69	24.3	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	4946	06100400100619	05	Berks	56	20	76	23.2	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	9104	13401000501489	05	Carbon	34	20	54	26.2	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	15002	23042000701072	06	Delaware	30	20	50	30.2	32	24	56	0	0	0	4	0	0		0	0	0		0	0			0	0			0	0			0
--	135	01023401202343	08	Adams	50	20	70	26.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13824	21099702601555	08	Cumberland	67	20	87	25.9	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	14441	22101800101692	08	Dauphin	26	20	46	20.0	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21326	36077204500174	08	Lancaster	37	20	57	30.5	40	24	64	0	0	0	0	0			0	0	0		0	0			0	0			0	0			0
--	21417	36102500801639	08	Lancaster	68	20	88	20.2	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21454	36103702100000	08	Lancaster	35	20	55	23.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21459	36103900500000	08	Lancaster	30	20	50	21.7	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21487	36105500202673	08	Lancaster	35	20	55	26.0	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21559	36202000200000	08	Lancaster	32	20	52	18.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21595	36204500700000	08	Lancaster	62	20	82	20.2	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29518	50007401900530	08	Perry	28	20	48	27.7	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29566	50085002501777	08	Perry	52	20	72	23.0	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0	0		0
--	29651	50300600100014	08	Perry	35	20	55	15.0	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29693	50400701001472	08	Perry	45	20	65	27.7	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37491	66012402502532	08	York	84	20	104	26.0	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37726	66202900902536	08	York	34	20	54	27.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	38023	66405100300581	08	York	43	20	63	25.3	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	5699	07101302400000	09	Blair	36	20	56	33.0	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	5702	07101302500908	09	Blair	52	20	72	32.9	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	8425	11016002200000	09	Cambria	37	20	57	28.1	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	17826	29052201401573	09	Fulton	50	20	70	33.3	30	24	54	0	0	0					0				0				0				0				0
--	17827	29052201600330	09	Fulton	30	20	50	26.0	30	24	54	0	0	0					0				0				0				0				0
--	17828	29052201601370	09	Fulton	79	20	99	26.1	30	24	54	0	0	0					0				0				0				0				0
--	18601	31002604900654	09	Huntingdon	67	20	87	33.0	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	31532	55100701800000	09	Somerset	23	20	43	20.0	28	24	52	0	0	0					0				0				0				0				0
--	18703	31065505400533	09	Huntingdon	67	20	87	32.9	32	24	56	0	0	0					0				0				0				0				0
--	31758	55401900700000	09	Somerset	55	20	75	31.5	30	24	54	0	0	0					0				0				0				0				0
--	10996	16086100620656	10	Clarion	50	20	70	37.8	38	24	62	0	0	0	2				0				0				0				0				0
--	19737	33300302500000	10	Jefferson	48	20	68	22.0	24	24	48	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	3755	04401900500000	11	Beaver	30	20	50	20.5	26	24	50	0	0	0	0				0				0				0				0				0
--	2992	03006600600000	10	Armstrong	51	20	71	37.6	26	24	50	0	0	0	2		1		71		1		71				0				0				0
--	16827	26105501401377	12	Fayette	23	20	43	29.5	26	24	50	0	0	0					0				0				0				0				0
--	3176	03200500500000	10	Armstrong	44	20	64	24.0	40	24	64	0	0	0	2				0				0	1	1		64				0				0
--	3232	03204701200000	10	Armstrong	34	20	54	19.7	38	24	62	0	0	0	2		1		54				0				0				0				0
--	3245	03205700100245	10	Armstrong	47	20	67	23.7	32	24	56	0	0	0	2		1		67				0				0				0				0
--	3278	03300900800000	10	Armstrong	40	20	60	28.0	40	24	64	0	0	0	2		1		60		1		64		1		60				0				0
--	34980	62203600101601	12	Washington	58	20	78	24.0	24	24	48	0	0	0	2				0				0				0				0				0
--	35178	62402700100687	12	Washington	29	20	49	21.5	24	24	48	0	0	0					0				0				0				0				0
--	12163	18015000701624	02	Clinton	30	20	50	34.0	34	24	58	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	20147	34200701400000	02	Juniata	27	20	47	26.3	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	26469	44065502300022	02	Mifflin	10	20	30	44.7	40	24	64	0	0	0	0	0	0		0	0			0	0			0	0			0	0			0
--	30162	52004095000000	02	Potter	36	20	56	34.0	34	24	58	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	6476	08401302501496	03	Bradford	25	20	45	25.5	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	24881	41201501720000	03	Lycoming	32	20	52	20.0	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	10975	16032201801102	10	Clarion	50	20	70	41.6	38	24	62	0	0	0	2				0				0				0				0		1		70
--	32365	57070602700000	04	Susquehanna	32	20	52	37.5	36	24	60	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	35508	63029601800000	04	Wayne	22	20	42	26.0	33	24	57	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	7262	09203701900000	06	Bucks	21	20	41	62.5	64	24	88	0	0	0	2	0			0	0	0		0	0			0	0			0	0			0
--	13616	21003400700827	08	Cumberland	40	20	60	28.0	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13741	21023303801454	08	Cumberland	223	20	243	24.4	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	20976	36002300301231	08	Lancaster	107	20	127	26.8	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21238	36034003801674	08	Lancaster	29	20	49	32.6	36	24	60	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21415	36102402100000	08	Lancaster	42	20	62	22.7	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	19320	32300701200000	10	Indiana	37	20	57	26.0	24	24	48	0	0	0	3				0				0	3	1		48				0				0
--	21536	36201200320000	08	Lancaster	27	20	47	25.7	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	37608	66061601001014	08	York	39	20	59	26.5	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	3954	05003001000907	09	Bedford	16	20	36	32.4	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	4122	05086901201328	09	Bedford	76	20	96	24.1	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	4174	05101100400000	09	Bedford	35	20	55	18.2	24	24	48	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	8580	11102601101804	09	Cambria	71	20	91	26.0	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	659	02003001202263	11	Allegheny	38	20	58	42.0	30	24	54	0	0	0	2		1		58				0	1	1		58				0				0
--	664	02003001901870	11	Allegheny	22	20	42	75.0	66	24	90	0	0	0	2	1	1		42		1		42	1	1		42				0		1		42
--	709	02005100802710	11	Allegheny	33	20	53	73.0	76	24	100	0	0	0	4				0				0	1	1		53				0				0
--	954	02013600500000	11	Allegheny	11	20	31	40.0	30	24	54	0	0	0	2				0				0	1	1	4"	31				0				0

Early Completion (Y / N)	Bridge Key	BMS #	District	County	Relocate Underground Electric (EACH)	Relocate Underground Electric (EACH)	Diameter Underground Electric (INCH)	Relocate Underground Electric (LF)	Relocate Underground Unspecified (EACH)	Relocate Underground Unspecified (EACH)	Diameter Underground Unspecified (INCH)	Relocate Underground Unspecified (LF)	Attached Relocate Utility	Attached Temporary Support (Y = 1, N = 0)	Attached Temporary Support Required	Attached Relocate Utility (LF)	Relocate Aerial (Y = 1, N = 0)	Relocate Aerial (LF)	Relocate Aerial Electric (EACH)	Permanent Aerial Electric (LF)	Permanent Aerial Telephone (EACH)	Permanent Aerial Telephone (LF)	Permanent Aerial TV (EACH)	Permanent Aerial TV (LF)	Permanent Aerial Fiber Optic (EACH)	Permanent Aerial Fiber Optic (LF)	Relocate Aerial Pole (EACH)	to ROW offset (FEET)	Extremity to Pole/Line offset (FEET)	Abutment to Pole/Line Distance (FEET)	Conflicts (Includes Attachments) (EACH)	Bridge Total Aerial Pole Conflicts (EACH)	& Poles Grand Total Conflicts (EACH)
--	21292	36062501302573	08	Lancaster	0			0	0			0	None	0	None	0	1	2,800	4	1,600	2	800	1	400	0	0	1				0.00	1.00	1.00
--	21637	36301702401388	08	Lancaster	0			0	0			0	None	0	None	0	1	2,800	4	1,600	2	800	1	400	0	0	1			5.00	0.00	1.00	1.00
--	29426	50001100300893	08	Perry	0			0	0			0	None	0	None	0	1	4,800	3	2,400	2	1,600	1	800	0	0	3			8.00	1.00	3.00	4.00
--	5763	07300500100050	09	Blair	0			0	0			0	None	0	None	0	1	2,800	3	1,200	2	800	2	800	0	0	1	30.00			0.00	1.00	1.00
--	31471	55052300801065	09	Somerset				0				0	None	0	None	0	1	4,800	4	1,600	4	1,600	4	1,600	0	0	1	30.00			0.00	1.00	1.00
--	16782	26104300200093	12	Fayette				0				0	4 - 4" Conduit	1	Yes	408	1	2,000	3	1,200	1	400	1	400	0	0	1				1.00	1.00	2.00
--	16868	26201500300000	12	Fayette				0				0	None	0	None	0	1	1,200	1	400	1	400	1	400	0	0	1				0.00	1.00	1.00
--	34985	62203600500000	12	Washington				0				0	None	0	None	0	1	2,400	2	800	2	800	2	800	0	0	1	40.00			0.00	1.00	1.00
--	9576	14100200501555	02	Centre	0			0	0			0	None	0	None	0	1	2,000	2	800	1	400	1	400	1	400	1	25.00	5.00	5.00	0.00	1.00	1.00
--	21237	36034003700000	08	Lancaster	0			0	0			0	None	0	None	0	1	2,000	2	800	1	400	1	400	1	400	1				0.00	1.00	1.00
--	29673	5030170010000	08	Perry	0			0	0			0	None	0	None	0	1	2,400	3	1,200	3	1,200	0	0	0	0	1			20.00	1.00	1.00	2.00
--	12902	20000608400273	01	Crawford	0			0	0			0	None	0	None	0	1	1,200	0	0	2	1,200	0	0	0	0	2	35.00	12.00	12.00	0.00	2.00	2.00
--	37488	66012401400000	08	York	0			0	0			0	6" Water	1	Yes	63	1	4,200	4	2,400	2	1,200	1	600	0	0	2				2.00	2.00	4.00
--	11390	17021902800000	02	Clearfield	0			0	0			0	None	0	None	0	1	2,400	4	2,400	0	0	0	0	0	0	2	40.00	12.00	12.00	0.00	2.00	2.00
--	11658		02	Clearfield	0			0	0			0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2	25.00			0.00	0.00	2.00	2.00
--	20106	34100200200000	02	Juniata	0			0	0			0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2	20.00	7.50	0.00	0.00	2.00	2.00
--	24603	41011801700622	03	Lycoming	0			0	0			0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2				0.00	0.00	2.00	2.00
--	37641	66092100900000	08	York	0			0	0			0	None	0	None	0	1	2,800	4	1,600	2	800	1	400	0	0	1			7.00	4.00	1.00	5.00
--	37725	66202800800249	08	York	0			0	0			0	None	0	None	0	1	4,000	4	1,600	4	1,600	1	400	1	400	1			10.00	1.00	1.00	2.00
--	32244	57010601220638	04	Susquehanna	0			0	0			0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2				0.00	2.00	2.00
--	27868	46404200341011	06	Montgomery	0			0	0			0	None	0	None	0	1	1,800	3	1,800	0	0	0	0	0	0	2			6.00	0.00	2.00	2.00
--	160	01039400600526	08	Adams	0			0	0			0	None	0	None	0	1	2,400	0	0	4	2,400	0	0	0	0	2			6.00	0.00	2.00	2.00
--	21409	36102100420000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,200	2	1,200	0	0	0	0	0	0	2				0.00	2.00	2.00
--	37946	66400102102301	08	York	0			0	0			0	None	0	None	0	1	1,200	0	0	2	800	1	400	0	0	1			1.00	1.00	1.00	2.00
--	21474	36104800500000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,200	0	0	2	1,200	0	0	0	0	2				0.00	2.00	2.00
--	21545	36201500400000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,200	0	0	2	1,200	0	0	0	0	2				0.00	2.00	2.00
--	37590	66042504600314	08	York	0			0	0			0	None	0	None	0	1	1,200	0	0	2	1,200	0	0	0	0	2	30.00	6.00	4.00	0.00	2.00	2.00
--	37607	66061601000255	08	York	0			0	0			0	None	0	None	0	1	1,200	0	0	2	1,200	0	0	0	0	2	25.00	2.00	2.00	0.00	2.00	2.00
--	38007	66403300403136	08	York	0			0	0			0	None	0	None	0	1	1,800	0	0	3	1,800	0	0	0	0	2			5.00	0.00	2.00	2.00
--	17813	29048400101102	09	Fulton				0				0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2	24.00, 34.00			0.00	2.00	2.00
--	17850	29065503900454	09	Fulton				0				0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2	20.00			0.00	2.00	2.00
--	17873	29100100100266	09	Fulton				0				0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2	16.50			0.00	2.00	2.00
--	31608	55201301000000	09	Somerset				0				0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2	16.50			0.00	2.00	2.00
--	1881	02310800100174	11	Allegheny				0				0	None	0	None	0	1	1,200	2	1,200	0	0	0	0	0	0	2				0.00	2.00	2.00
--	16673	26038100801000	12	Fayette				0				0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2				0.00	2.00	2.00
--	12879	20000604100000	01	Crawford	0			0	0			0	None	0	None	0	1	3,000	0	0	3	1,800	2	1,200	0	0	2	50.00	12.00	12.00	0.00	2.00	2.00
--	13367	20401100200000	01	Crawford	0			0	0			0	None	0	None	0	1	2,400	0	0	3	1,800	1	600	0	0	2			8.00	0.00	2.00	2.00
--	17208	27066600900000	01	Forest	0			0	0			0	None	0	None	0	1	4,200	4	2,400	3	1,800	0	0	0	0	2				0.00	2.00	2.00
--	9434	14304001500701	02	Centre	0			0	0			0	None	0	None	0	1	7,200	4	2,400	8	4,800	0	0	0	0	2				0.00	2.00	2.00
--	32507	57202100501583	04	Susquehanna	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2	25.00			0.00	2.00	2.00
--	5883	07403100301171	09	Blair	1			0	0			0	None	0	None	0	1	4,200	4	2,400	1	600	2	1,200	0	0	2	25.00			3.00	2.00	5.00
--	35675	63401401300733	04	Wayne	0			0	0			0	None	0	None	0	1	2,400	2	1,200	2	1,200	0	0	0	0	2	25.00			0.00	2.00	2.00
--	4946	06100400100619	05	Berks	0			0	0			0	None	0	None	0	1	2,400	0	0	2	1,200	2	1,200	0	0	2			6.00	0.00	2.00	2.00
--	9104	13401000501489	05	Carbon	0			0	0			0	None	0	None	0	1	2,400	2	1,200	2	1,200	0	0	0	0	2			2.00	0.00	2.00	2.00
--	15002	23042000701072	06	Delaware	0			0	0			0	" Water, 8" Sewe	1	Yes	100	1	3,000	4	2,400	1	600	0	0	0	0	2				1.00	2.00	3.00
--	135	01023401202343	08	Adams	0			0	0			0	None	0	None	0	1	3,600	4	2,400	2	1,200	0	0	0	0	2			3.00	0.00	2.00	2.00
--	13824	21099702601555	08	Cumberland	0			0	0			0	None	0	None	0	1	7,800	9	5,400	4	2,400	0	0	0	0	2			8.00	0.00	2.00	2.00
--	14441	22101800101692	08	Dauphin	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2			5.00	0.00	2.00	2.00
--	21326	36077204500174	08	Lancaster	0			0	0			0	None	0	None	0	1	4,200	4	2,400	3	1,800	0	0	0	0	2				0.00	2.00	2.00
--	21417	36102500801639	08	Lancaster	0			0	0			0	None	0	None	0	1	3,000	4	2,400	1	600	0	0	0	0	2				0.00	2.00	2.00
--	21454	36103702100000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2	16.50	6.00		0.00	2.00	2.00
--	21459	36103900500000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2	16.50	5.00		0.00	2.00	2.00
--	21487	36105500202673	08	Lancaster	0			0	0			0	None	0	None	0	1	3,600	4	2,400	2	1,200	0	0	0	0	2				0.00	2.00	2.00
--	21559	36202000200000	08	Lancaster	0			0	0			0	None	0	None	0	1	4,200	4	2,400	3	1,800	0	0	0	0	2				0.00	2.00	2.00
--	21595	36204500700000	08	Lancaster	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2				0.00	2.00	2.00
--	29518	50007401900530	08	Perry	0			0	0			0	None	0	None	0	1	3,000	3	1,800	2	1,200	0	0	0	0	2			4.00	0.00	2.00	2.00
--	29566	50085002501777	08	Perry	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2			4.00	0.00	2.00	2.00
--	29651	50300600100014	08	Perry	0			0	0			0	None	0	None	0	1	2,400	2	1,200	2	1,200	0	0	0	0	2			15.00	0.00	2.00	2.00
--	29693	50400701001472	08	Perry	0			0	0			0	None	0	None	0	1	1,800	0	0	2	1,200	1	600	0	0	2			6.00	0.00	2.00	2.00
--	37491	66012402502532	08	York	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2	40.00	8.00		0.00	2.00	2.00
--	37726	66022900902536	08	York	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2				0.00	2.00	2.00
--	38023	66405100300581	08	York	0			0	0			0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2			15.00	0.00	2.00	2.00
--	5699	07101302400000	09	Blair	0			0	0			0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2	30.00			0.00	2.00	2.00
--	5702	07101302500908	09	Blair	0			0	0			0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2	30.00			0.00	2.00	2.00
--	8425	11016002200000	09	Cambria	0			0	0			0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2	30.00			0.00	2.00	2.00
--	17826	29052201401573	09	Fulton				0				0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2	45.00, 40.00			0.00	2.00	2.00
--	17827	29052201600330	09	Fulton				0				0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2	35.00, 40.00			0.00	2.00	2.00
--	17828	29052201601370	09	Fulton				0				0	None	0	None	0	1	1,800	0	0	2	1,200	1	600	0	0	2	40.00			0.00	2.00	2.00
--	18601	31002604900654	09	Huntingdon	0			0	0			0	None	0	None	0	1	1,800	0	0	2	1,200	1	600	0	0	2	40.00, 30.00			0.00	2.00	2.00
--	31532	55100701800000	09	Somerset				0		1		43	None	0	None	0	1	4,800	4	3,200	1	800	1	800	0	0	3	16.50			1.00	3.00	4.00
--	18703	31065505400533	09	Huntingdon				0				0	None	0	None	0	1	1,800	0	0	1	600	2	1,200	0	0	2	16.50			0.00	2.00	2.00
--	31758	55401900700000	09	Somerset				0				0	None	0	None	0	1	2,400	3	1,800	1	600	0	0	0	0	2	20.00	24.00		0.00	2.00	2.00
--	10996	16086100620656	10	Clarion				0				0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2				0.00	2.00	2.00
--	19737	33300302500000	10	Jefferson	0	0		0	0	0		0	None	0	None	0	1	1,200	1	600	1	600	0	0	0	0	2				0.00	2.00	2.00
--	3755	04401900500000	11	Beaver				0				0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2				0.00	2.00	2.00
--	2992	03006600600000	10	Armstrong				0				0	None	0	None	0	1	5,400	4	2,400	3	1,800	2	1,200	0	0	2				2.00	2.00	4.00
--	16827	26105501401377	12	Fayette				0				0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2				0.00	2.00	2.00
--	3176	03200500500000	10	Armstrong				0				0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2	25.00			1.00	2.00	3.00
--	3232	03204701200000	10	Armstrong				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	3245	03205700100245	10	Armstrong				0				0	None	0	None	0	1	3,000	2	1,200	2	1,200	1	600	0	0	2				1.00	2.00	3.00
--	3278	03300900800000	10	Armstrong				0				0	None	0	None	0	1	3,600	2	1,200	2	1,200	2	1,200	0	0	2				3.00	2.00	5.00
--	34980	62203600101601	12	Washington				0				0	2" Equitable Gas	1	Yes	78	1	2,400	0	0	2	1,200	2	1,200	0	0	2				1.00	2.00	3.00
--	35178	62402700100687	12	Washington				0				0	None	0	None	0	1	1,800	2	1,200	1	600	0	0	0	0	2				0.00	2.00	2.00
--	12163	18015000701624	02	Clinton	0			0	0			0	None	0	None	0	1	4,200	2	1,200	1	600	4	2,400	0	0	2	25.00	10.00	10.00	0.00	2.00	2.00
--	20147	34200701400000	02	Juniata	0			0	0			0	None	0	None	0	1	3,600	3	1,800	2	1,200	1	600	0	0	2				0.00	2.00	2.00
--	26469	44065502300022	02	Mifflin	0			0	0			0	None	0	None	0	1	4,200	4	2,400	2	1,200	1	600	0	0	2				0.00	2.00	2.00
--	30162	52004409500000	02	Potter	0			0	0			0	None	0	None	0	1	4,200	3	1,800	3	1,800	1	600	0	0	2				0.00	2.00	2.00
--	6476	08401302501496	03	Bradford	0			0	0			0	None	0	None	0	1	4,800	6	3,600	1	600	1	600	0	0	2	25.00		15.00	0.00	2.00	2.00
--	24881	41201501720000	03	Lycoming	0			0	0			0	None	0	None	0	1	1,800	1	600	1	600	1	600	0	0	2	16.50		7.00	0.00	2.00	2.00
--	10975	16032201801102	10	Clarion				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	32365	57070602700000	04	Susquehanna	0			0	0			0	None	0	None	0	1	3,600	4	2,400	1	600	1	600	0	0	2			10.00	0.00	2.00	2.00
--	35508	63029601800000	04	Wayne	0			0	0			0	None	0	None	0	1	4,200	4	2,400	1	600	2	1,200	0	0	2	25.00			0.00	2.00	2.00
--	7262	09203701900000	06	Bucks	0			0	0			0	4" Sewer	1	Yes	41	1	6,600	7	4,200	2	1,200	2	1,200	0	0	2			5.00	1.00	2.00	3.00
--	13616	21003400700827	08	Cumberland	0			0	0			0	None	0	None	0	1	4,800	4	2,400	3	1,800	1	600	0	0	2			8.00	0.00	2.00	2.00
--	13741	21023303801454	08	Cumberland	0			0	0			0	None	0	None	0	1	2,400	0	0	2	1,200	1	600	1	600	2			8.00	0.00	2.00	2.00
--	20976	36002300301231	08	Lancaster	0			0	0			0	None	0	None	0	1	2,400	2	1,200	1	600	1	600	0	0	2				0.00	2.00	2.00
--	21238	36034003801674	08	Lancaster	0			0	0			0	None	0	None	0	1	3,000	2	1,200	2	1,200	1	600	0	0	2				0.00	2.00	2.00
--	21415	36102402100000	08	Lancaster	0			0	0			0	None	0	None	0	1	4,200	5	3,000	1	600	1	600	0	0	2				0.00	2.00	2.00
--	19320	32300701200000	10	Indiana				0				0	None	0	None	0	1	3,600	4	2,400	1	600	1	600	0	0	2				1.00	2.00	3.00
--	21536	36201200320000	08	Lancaster	0			0	0			0	None	0	None	0	1	2,400	0	0	2	1,200	1	600	1	600	2				0.00	2.00	2.00
--	37608	66061601001014	08	York	0			0	0			0	None	0	None	0	1	3,000	2	1,200	2	1,200	1	600	0	0	2	30.00	4.00	4.00	0.00	2.00	2.00
--	3954	05003001000907	09	Bedford	0			0	0			0	None	0	None	0	1	2,400	0	0	2	1,200	2	1,200	0	0	2	25.00			0.00	2.00	2.00
--	4122	05086901201328	09	Bedford	0			0	0			0	None	0	None	0	1	4,200	4	2,400	2	1,200	1	600	0	0	2	30.00			0.00	2.00	2.00
--	4174	05101100400000	09	Bedford	0			0	0			0	None	0	None	0	1	3,600	3	1,800	2	1,200	1	600	0	0	2	30.00			0.00	2.00	2.00
--	8580	11102601101804	09	Cambria	0			0	0			0	None	0	None	0	1	3,000	3	1,800	1	600	1	600	0	0	2	30.00			0.00	2.00	2.00
--	659	02003001202263	11	Allegheny				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				2.00	0.00	2.00
--	664	02003001901870	11	Allegheny				0				0	None	0	None	0	1	9,600	6	4,800	2	1,600	2	1,600	2	1,600	3				4.00	3.00	7.00
--	709	02005100802710	11	Allegheny				0				0	2" Conduit	1	Yes	53	1	1,200	1	400	1	400	1	400	0	0	1				2.00	1.00	3.00
--	954	02013600500000	11	Allegheny				0				0	None	0	None	0	1	2,800	3	1,200	2	800	2	800	0	0	1				1.00	1.00	2.00

Early Completion (Y / N)	Bridge Key	BMS #	District	County	Existing Bridge Length (LF)	additional lengthing of Bridge (LF)	Proposed Bridge Length (LF)	Existing Bridge Width (LF)	Proposed Bridge Width Curb to Curb (LF)	additional width for parapet & buffer (LF)	New Proposed Bridge Width Curb to Curb (LF)	No. of Railroad flagmen	Duration of RR flagmen (SHFT)	Total Railroad flagmen (HOURS)	Diligence Test Pits (EACH)	Relocate Underground Water (EACH)	Relocate Underground Water (EACH)	Diameter Underground Water (INCH)	Relocate Underground Water (LF)	Relocate Underground Sanitary (EACH)	Relocate Underground Sanitary (EACH)	Diameter Underground Sanitary (INCH)	Relocate Underground Sanitary (LF)	Relocate Underground Gas (EACH)	Relocate Underground Gas (EACH)	Diameter Underground Gas (INCH)	Relocate Underground Gas (LF)	Relocate Underground Oil (EACH)	Relocate Underground Oil (EACH)	Diameter Underground Oil (INCH)	Relocate Underground Oil (LF)	Relocate Underground Fiber Optic (EACH)	Relocate Underground Fiber Optic (EACH)	Diameter Underground Fiber Optic (INCH)	Relocate Underground Fiber Optic (LF)
--	961	02013601202172	11	Allegheny	14	20	34	26.0	30	24	54	0	0	0	2	1	1		54				0				0				0				0
--	1334	02091002400485	11	Allegheny	35	20	55	26.8	30	24	54	0	0	0	2				0				0	1	1		55				0				0
--	1346	02097800300000	11	Allegheny	18	20	38	31.5	28	24	52	0	0	0	4	1	1		38				0	1	1		38				0				0
--	18603	31002605100972	09	Huntingdon	30	20	50	33.8	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	1372	02100103502537	11	Allegheny	18	20	38	48.0	36	24	60	0	0	0	2		1	12	38				0				0				0				0
--	1390	02100600402405	11	Allegheny	14	20	34	45.0	30	24	54	0	0	0	2				0				0	1	1		34				0				0
--	1404	02101200602013	11	Allegheny	13	20	33	21.0	24	24	48	0	0	0	2				0				0	1	1		33				0				0
--	1424	02101500702617	11	Allegheny	15	20	35	22.5	28	24	52	0	0	0	6				0				0	1	1		35				0				0
--	1479	02200100800335	11	Allegheny	19	20	39	26.7	28	24	52	0	0	0	6		1		91				0		1		39				0				0
--	18742	31091301901896	09	Huntingdon	33	20	53	29.4	32	24	56	0	0	0					0				0				0				0				0
--	1498	02201000102238	11	Allegheny	18	20	38	29.6	28	24	52	0	0	0	4		2	6" & 16"	76		1		38	2			0				0				0
--	1519	02201701301248	11	Allegheny	21	20	41	33.0	28	24	52	0	0	0	2				0				0	1	1		41				0				0
--	1520	02201701400112	11	Allegheny	30	20	50	38.0	28	24	52	0	0	0	4				0		1		52	1	1		50				0				0
--	1523	02201800400721	11	Allegheny	21	20	41	28.0	28	24	52	0	0	0	4		1		41		1		41	1			0				0				0
--	1527	02202200102622	11	Allegheny	21	20	41	28.0	28	24	52	0	0	0	4		1		41				0	1	1	4" - 6"	41				0				0
--	1562	02204600401678	11	Allegheny	22	20	42	39.0	32	24	56	1	20	200	4	1	1		42				0	1			0				0				0
--	1568	02204600801088	11	Allegheny	19	20	39	40.0	30	24	54	0	0	0	2	1	1		39				0		1	8" - 12"	39				0				0
--	1620	02207500900000	11	Allegheny	11	20	31	34.6	30	24	54	0	0	0	2		1		31		1		31	1	1	3" - 6"	31				0				0
--	18881	31400900200000	09	Huntingdon	107	20	127	25.0	24	24	48	0	0	0					0				0				0				0				0
--	1704	02300800420000	11	Allegheny	31	20	51	27.8	28	24	52	0	0	0	4	1	1		0				0	2	2		102				0				0
--	1727	02301800260000	11	Allegheny	25	20	45	26.0	24	24	48	0	0	0	2		1		45				0				0				0				0
--	1733	02302100300941	11	Allegheny	27	20	47	26.0	26	24	50	0	0	0	2		1		47				0				0				0				0
--	1776	02304801200000	11	Allegheny	16	20	36	26.6	26	24	50	0	0	0	4	1	1		36		1		36	1			0				0				0
--	1859	02309800500762	11	Allegheny	25	20	45	29.0	30	24	54	0	0	0	2	1	1		45		1		45				0				0				0
--	1860	02309800601125	11	Allegheny	27	20	47	27.5	30	24	54	0	0	0	4	1	1		47				0		1		47	1			0				0
--	41517	55003003702626	09	Somerset	11	20	31	26.0	40	24	64	0	0	0					0				0				0				0				0
--	1882	02310800301395	11	Allegheny	18	20	38	26.0	30	24	54	0	0	0	2				0				0	1	1		38				0				0
--	31469	55052300301840	09	Somerset	42	20	62	34.0	28	24	52	0	0	0					0				0				0				0				0
--	31521	55100400101850	09	Somerset	63	20	83	40.0	32	24	56	0	0	0					0				0				0				0				0
--	31588	55200500300000	09	Somerset	27	20	47	24.1	24	24	48	0	0	0					0				0				0				0				0
--	31630	55201800600000	09	Somerset	61	20	81	24.2	24	24	48	0	0	0					0				0				0				0				0
--	3599	04016803300983	11	Beaver	28	20	48	43.0	34	24	58	0	0	0	0		1		48				0				0				0				0
--	8071	10301000600000	10	Butler	84	20	104	24.0	24	24	48	0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	3647	04100500202450	11	Beaver	10	20	30	27.5	32	24	56	0	0	0			1		30				0		1		30				0				0
--	3654	04101400700193	11	Beaver	171	20	191	40.0	30	24	54	0	0	0			1		191				0				0				0				0
--	10997	16086100421587	10	Clarion	27	20	47	41.8	38	24	62	0	0	0	2				0				0		0		0				0				0
--	3695	04300900600000	11	Beaver	26	20	46	29.5	32	24	56	0	0	0	2				0				0	1	1	6"-8"	46				0				0
--	19087	32028601500520	10	Indiana	69	20	89	43.0	40	24	64	0	0	0	2				0				0				0				0				0
--	19699	33200300700000	10	Jefferson	127	20	147	33.2	32	24	56	1	20	200	4				0				0				0				0				0
--	19708	33200802100200	10	Jefferson	74	20	94	29.5	30	24	54	1	20	200	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	3723	04302700460000	11	Beaver	39	20	59	32.0	30	24	54	0	0	0	0				0				0				0				0				0
--	3749	04401201100256	11	Beaver	64	20	84	36.7	30	24	54	0	0	0	0				0				0				0				0				0
--	22281	37022401100412	11	Lawrence	11	20	31	42.0	38	24	62	0	0	0	0				0				0				0				0				0
--	22359	37095601501187	11	Lawrence	92	20	112	26.0	28	24	52	0	0	0	0				0				0				0				0				0
--	3769	04403400200000	11	Beaver	22	20	42	14.0	22	24	46	0	0	0	2				0				0				0				0				0
--	22262	37020800700000	11	Lawrence	32	20	52	37.5	28	24	52	0	0	0	2				0		1		52				0				0				0
--	22379	37101200900000	11	Lawrence	31	20	51	27.5	24	24	48	0	0	0	0				0				0				0				0				0
--	22269	37020802201379	11	Lawrence	18	20	38	42.0	34	24	58	0	0	0	2	0			0				0	1	1		38				0				0
--	22277	37022400601429	11	Lawrence	15	20	35	43.6	40	24	64	0	0	0	0				0		2	16"+	35				0				0				0
--	16725	26100700300000	12	Fayette	41	20	61	35.0	28	24	52	0	0	0					0				0				0				0				0
--	16736	26101800100206	12	Fayette	33	20	53	24.0	26	24	50	0	0	0					0				0				0				0				0
--	16752	26103100100053	12	Fayette	65	20	85	28.3	30	24	54	0	0	0					0				0				0				0				0
--	22362	37095601900000	11	Lawrence	11	20	31	24.2	28	24	52	0	0	0	0				0				0				0				0				0
--	22369	37100501501309	11	Lawrence	132	20	152	26.5	26	24	50	0	0	0	2				0		1	1	152				0				0				0
--	35982	64003103302148	12	Westmoreland	48	20	68	44.0	42	24	66	0	0	0					0				0				0				0				0
--	9265	14004507902031	02	Centre	49	20	69	46.6	38	24	62	0	0	0	6	0			0	0			0	1	0		0	0			0	1	0		0
--	10497	15304401300000	06	Chester	33	20	53	19.5	26	24	50	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13896	21203100100000	08	Cumberland	139	20	159	29.8	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13897	21203100100187	08	Cumberland	55	20	75					0	0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0
--	22433	37300100300259	11	Lawrence	123	20	143	48.4	32	24	56	0	0	0	2				0				0		1		56				0				0
--	32308	57026703202704	04	Susquehanna	63	20	83	26.0	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	22441	37300400600000	11	Lawrence	25	20	45	26.5	22	24	46	0	0	0	0				0				0				0				0				0
--	4953	06100601100107	05	Berks	125	20	145	33.5	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	16651	26016603900000	12	Fayette	42	20	62	30.3	30	24	54	0	0	0				1	62				0		1		62				0				0
--	26785	45020900401748	05	Monroe	50	20	70	43.0	38	24	62	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	362	01400500101339	08	Adams	43	20	63	31.4	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	16720	26100300320000	12	Fayette	39	20	59	14.0	22	24	46	0	0	0				1	59				0				0				0				0
--	31470	55052300701200	09	Somerset	38	20	58	26.0	28	24	52	0	0	0					0				0				0				0				0
--	11049	16200902200128	10	Clarion	45	20	65	27.6	24	24	48	0	0	0	2				0				0				0				0				0
--	19550	33003601701535	10	Jefferson	67	20	87	35.5	32	24	56	0	0	0	6				0				0				0				0				0
--	13128	20040805201643	01	Crawford	78	20	98	43.0	30	24	54	0	0	0	2	0			0	0			0	0	0		0	0			0	0			0
--	9451	14304003701668	02	Centre	35	20	55	36.0	36	24	60	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	26595	44401300500000	02	Mifflin	33	20	53	26.8	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	16789	26105000101121	12	Fayette	39	20	59	24.2	28	24	52	0	0	0				1	59				0				0				0				0
--	16794	26105002101302	12	Fayette	27	20	47	27.0	26	24	50	0	0	0				1	47				0				0				0				0
--	16806	26105103000845	12	Fayette	21	20	41	27.0	26	24	50	0	0	0				1	41				0				0				0				0
--	24511	41001500702198	03	Lycoming	45	20	65	56.2	54	24	78	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	16840	26105801300142	12	Fayette	63	20	83	24.3	30	24	54	0	0	0				1	83				0				0				0				0
--	16841	26105801300864	12	Fayette	45	20	65	26.0	30	24	54	0	0	0				1	65				0				0				0				0
--	24591	41008700600000	03	Lycoming	23	20	43	35.7	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	5709	07101303601234	09	Blair	56	20	76	26.0	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	3722	04302700400000	11	Beaver	40	20	60	32.2	30	24	54	0	0	0	2				0				0				0				0				0
--	16928	26301301900753	12	Fayette	44	20	64	26.2	24	24	48	0	0	0				1	48				0				0				0				0
--	22396	37200100802619	11	Lawrence	24	20	44	20.0	22	24	46	0	0	0	0				0				0				0				0				0
--	18013	30001802400670	12	Greene	40	20	60	26.2	30	24	54	0	0	0					0				0		1		114				0				0
--	18044	30001805800146	12	Greene	44	20	64	26.0	30	24	54	0	0	0					0				0				0				0		1		54
--	18154	30018800300000	12	Greene	28	20	48	33.7	32	24	56	0	0	0	2			1	48		1		48		1		48				0		1		48
--	18164	30018801800000	12	Greene	35	20	55	28.3	30	24	54	0	0	0				1	55				0		1		54				0				0
--	18214	30101101500501	12	Greene	151	20	171	29.5	31	24	55	0	0	0	2				0		1		171				0				0				0
--	36493	64202100601976	12	Westmoreland	97	20	117	31.5	27	24	51	0	0	0					0				0				0				0				0
--	18261	30200303301330	12	Greene	133	20	153	23.7	26	24	50	1	20	200	2				0		1		203				0				0				0
--	18279	30201103700000	12	Greene	28	20	48	26.3	26	24	50	0	0	0				1	48				0				0				0				0
--	18287	30201600701702	12	Greene	129	20	149	24.1	28	24	52	0	0	0				1	149				0		1		149				0				0
--	18315	30202600100590	12	Greene	39	20	59	37.0	36	24	60	0	0	0	2			1	59				0				0				0				0
--	18317	30202600501285	12	Greene	24	20	44	38.5	36	24	60	0	0	0				1	44				0				0				0				0
--	15535	24021900201858	02	Elk	27	20	47	41.5	38	24	62	0	0	0	4	1	0		0	0			0	1	0		0	0			0	0			0
--	18403	30301300900000	12	Greene	26	20	46	28.3	26	24	50	0	0	0				1	0				0				0				0		1		46
--	34335	62001900400000	12	Washington	103	20	123	27.3	30	24	54	0	0	0				1	123				0				0				0				0
--	34417	62005003300000	12	Washington	66	20	86	32.5	30	24	54	0	0	0				1	86				0		1		86				0				0
--	34609	62008804902545	12	Washington	76	20	96	39.6	30	24	54	0	0	0	2		1	1	96		1		96				0				0		1		96
--	34623	62008807600000	12	Washington	65	20	85	24.3	40	24	64	0	0	0				1	85				0				0				0		1		85
--	34650	62022100802172	12	Washington	72	20	92	26.0	28	24	52	0	0	0					0				0		1		52				0				0
--	34673	62023104300092	12	Washington	61	20	81	18.3	24	24	48	0	0	0					0				0				0				0				0
--	34692	62048100500000	12	Washington	44	20	64	26.0	30	24	54	0	0	0					0				0		1		64				0				0
--	34702	62048102400990	12	Washington	50	20	70	23.2	30	24	54	0	0	0					0				0		1		70				0				0
--	34847	62104900520000	12	Washington	27	20	47	22.8	28	24	52	1	20	200					0				0				0				0				0
--	27513	46066302700894	06	Montgomery	52	20	72	29	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	34901	62201102800165	12	Washington	60	20	80	22.3	26	24	50	0	0	0					0				0		1		80				0				0
--	20820	35401900200731	04	Lackawanna	293	20	313	33.5	29	24	53	0	0	0	4	0			0	0			0	0			0	0			0	0			0

Early Completion (Y / N)	Bridge Key	BMS #	District	County	Relocate Underground Electric (EACH)	Relocate Underground Electric (EACH)	Diameter Underground Electric (INCH)	Relocate Underground Electric (LF)	Relocate Underground Unspecified (EACH)	Relocate Underground Unspecified (EACH)	Diameter Underground Unspecified (INCH)	Relocate Underground Unspecified (LF)	Attached Relocate Utility	Attached Temporary Support (Y = 1, N = 0)	Attached Temporary Support Required	Attached Relocate Utility (LF)	Relocate Aerial (Y = 1, N = 0)	Relocate Aerial (LF)	Relocate Aerial Electric (EACH)	Permanent Aerial Electric (LF)	Permanent Aerial Telephone (EACH)	Permanent Aerial Telephone (LF)	Permanent Aerial TV (EACH)	Permanent Aerial TV (LF)	Permanent Aerial Fiber Optic (EACH)	Permanent Aerial Fiber Optic (LF)	Relocate Aerial Pole (EACH)	to ROW offset (FEET)	Extremity to Pole/Line offset (FEET)	Abutment to Pole/Line Distance (FEET)	Conflicts (Includes Attachments) (EACH)	Bridge Total Aerial Pole Conflicts (EACH)	& Poles Grand Total Conflicts (EACH)
--	961	02013601202172	11	Allegheny				0				0	None	0	None	0	1	5,600	2	1,600	3	2,400	2	1,600	0	0	3				1.00	3.00	4.00
--	1334	02091002400485	11	Allegheny				0	1			0	None	0	None	0	1	13,000	6	6,000	4	4,000	2	2,000	1	1,000	4				1.00	4.00	5.00
--	1346	02097800300000	11	Allegheny				0	1			0	None	0	None	0	1	6,000	5	3,000	2	1,200	3	1,800	0	0	2				2.00	2.00	4.00
--	18603	31002605100972	09	Huntingdon	0			0	0			0	None	0	None	0	1	4,200	4	2,400	2	1,200	1	600	0	0	2	30.00			0.00	2.00	2.00
--	1372	02100103502537	11	Allegheny				0				0	12" Unknown	1	Yes	38	1	16,000	6	6,000	6	6,000	4	4,000	0	0	4				2.00	4.00	6.00
--	1390	02100600402405	11	Allegheny				0				0	None	0	None	0	1	10,800	6	3,600	6	3,600	6	3,600	0	0	2				1.00	2.00	3.00
--	1404	02101200602013	11	Allegheny				0				0	None	0	None	0	1	4,800	3	1,800	3	1,800	2	1,200	0	0	2				1.00	2.00	3.00
--	1424	02101500702617	11	Allegheny				0	1			0	nduit, 4" Gas, 8"	1	Yes	105		0	0	0	0	0	0	0	0	0	0				2.00	0.00	2.00
--	1479	02200100800335	11	Allegheny				0	1			0	None	0	None	0	1	4,800	3	1,800	3	1,800	2	1,200	0	0	2				2.00	2.00	4.00
--	18742	31091301901896	09	Huntingdon				0				0	None	0	None	0	1	7,200	7	4,200	3	1,800	2	1,200	0	0	2	16.50			0.00	2.00	2.00
--	1498	02201000102238	11	Allegheny				0				0	None	0	None	0	1	4,800	2	1,200	3	1,800	3	1,800	0	0	2				3.00	2.00	5.00
--	1519	02201701301248	11	Allegheny				0				0	None	0	None	0	1	8,000	3	2,400	4	3,200	3	2,400	0	0	3				1.00	3.00	4.00
--	1520	02201701400112	11	Allegheny				0				0	12" Water	1	Yes	50		0	0	0	0	0	0	0	0	0	0				3.00	0.00	3.00
--	1523	02201800400721	11	Allegheny				0				0	4" Gas	1	Yes	41		0	0	0	0	0	0	0	0	0	0				3.00	0.00	3.00
--	1527	02202200102622	11	Allegheny				0	1			0	12" Gas	1	Yes	41	1	1,600	3	1,200	1	400	0	0	0	0	1				3.00	1.00	4.00
--	1562	02204600401678	11	Allegheny				0				0	None	0	None	0	1	6,400	2	1,600	3	2,400	3	2,400	0	0	3				1.00	3.00	4.00
--	1568	02204600801088	11	Allegheny				0				0	12" Gas	1	Yes	39	1	2,000	3	1,200	1	400	1	400	0	0	1				3.00	1.00	4.00
--	1620	02207500900000	11	Allegheny				0				0	8" Gas	1	Tes	31	1	5,400	3	1,800	3	1,800	3	1,800	0	0	2				4.00	2.00	6.00
--	18881	31400900200000	09	Huntingdon				0				0	None	0	None	0	1	4,200	3	1,800	2	1,200	2	1,200	0	0	2	25.00			0.00	2.00	2.00
--	1704	02300800420000	11	Allegheny				0				0	None	0	None	0	1	1,200	1	400	1	400	1	400	0	0	1				3.00	1.00	4.00
--	1727	02301800260000	11	Allegheny				0				0	None	0	None	0	1	3,000	2	1,200	2	1,200	1	600	0	0	2	25.00			1.00	2.00	3.00
--	1733	02302100300941	11	Allegheny				0				0	None	0	None	0	1	3,000	3	1,800	1	600	1	600	0	0	2				1.00	2.00	3.00
--	1776	02304801200000	11	Allegheny		1		36	1			0	2" Gas	1	Yes	36	1	1,800	1	600	1	600	1	600	0	0	2				4.00	2.00	6.00
--	1859	02309800500762	11	Allegheny				0				0	None	0	None	0	1	2,400	3	1,800	1	600	0	0	0	0	2				2.00	2.00	4.00
--	1860	02309800601125	11	Allegheny				0				0	None	0	None	0	1	2,400	3	1,800	1	600	0	0	0	0	2				2.00	2.00	4.00
--	41517	55003003702626	09	Somerset				0				0	None	0	None	0	1	3,600	4	2,400	1	600	1	600	0	0	2	25.00			0.00	2.00	2.00
--	1882	02310800301395	11	Allegheny				0				0	None	0	None	0	1	6,000	6	3,600	2	1,200	2	1,200	0	0	2				1.00	2.00	3.00
--	31469	55052300301840	09	Somerset				0				0	None	0	None	0	1	7,800	5	3,000	5	3,000	3	1,800	0	0	2	30.00	10.00		0.00	2.00	2.00
--	31521	55100400101850	09	Somerset				0				0	None	0	None	0	1	4,200	4	2,400	2	1,200	1	600	0	0	2	29.00			0.00	2.00	2.00
--	31588	55200500300000	09	Somerset				0				0	None	0	None	0	1	4,200	5	3,000	1	600	1	600	0	0	2	16.50			0.00	2.00	2.00
--	31630	55201800600000	09	Somerset				0				0	None	0	None	0	1	3,600	4	2,400	1	600	1	600	0	0	2	18.25, 25.00			0.00	2.00	2.00
--	3599	04016803300983	11	Beaver				0				0	None	0	None	0	1	6,000	3	3,000	2	2,000	1	1,000	0	0	4				1.00	4.00	5.00
--	8071	10301000600000	10	Butler	0	0		0	0	0		0	None	0	None	0	1	4,200	2	1,200	3	1,800	2	1,200	0	0	2				0.00	2.00	2.00
--	3647	04100500202450	11	Beaver				0				0	None	0	None	0	1	3,600	2	1,200	2	1,200	2	1,200	0	0	2				2.00	2.00	4.00
--	3654	04101400700193	11	Beaver				0				0	None	0	None	0	1	2,400	2	1,200	1	600	1	600	0	0	2				1.00	2.00	3.00
--	10997	16086100421587	10	Clarion				0				0	None	0	None	0	1	3,600	4	2,400	1	600	1	600	0	0	2				0.00	2.00	2.00
--	3695	04300900600000	11	Beaver				0				0	None	0	None	0	1	3,600	4	2,400	1	600	1	600	0	0	2				1.00	2.00	3.00
--	19087	32028601500520	10	Indiana				0				0	None	0	None	0	1	3,600	4	2,400	1	600	1	600	0	0	2				0.00	2.00	2.00
--	19699	33200300700000	10	Jefferson				0				0	6" Unknown	1	Yes	147	1	3,000	2	1,200	2	1,200	1	600	0	0	2				1.00	2.00	3.00
--	19708	33200802100200	10	Jefferson	0	0		0	0	0		0	None	0	None	0	1	6,000	6	3,600	2	1,200	2	1,200	0	0	2				0.00	2.00	2.00
--	3723	04302700460000	11	Beaver				0				0	None	0	None	0	1	4,800	6	3,600	1	600	1	600	0	0	2				0.00	2.00	2.00
--	3749	04401201100256	11	Beaver				0				0	None	0	None	0	1	3,000	2	1,200	1	600	2	1,200	0	0	2				0.00	2.00	2.00
--	22281	37022401100412	11	Lawrence				0				0	None	0	None	0	1	5,400	4	2,400	2	1,200	3	1,800	0	0	2				0.00	2.00	2.00
--	22359	37095601501187	11	Lawrence				0				0	None	0	None	0	1	2,400	2	1,200	1	600	1	600	0	0	2				0.00	2.00	2.00
--	3769	04403400200000	11	Beaver				0	1	1		42	None	0	None	0	1	1,600	1	400	1	400	2	800	0	0	1				1.00	1.00	2.00
--	22262	37020800700000	11	Lawrence		1		52	1			0	None	0	None	0	1	1,200	1	600	1	600	0	0	0	0	2				2.00	2.00	4.00
--	22379	37101200900000	11	Lawrence				0				0	None	0	None	0	1	2,400	2	1,200	1	600	1	600	0	0	2				0.00	2.00	2.00
--	22269	37020802201379	11	Lawrence				0				0	None	0	None	0	1	4,800	3	1,800	2	1,200	3	1,800	0	0	2				1.00	2.00	3.00
--	22277	37022400601429	11	Lawrence				0				0	None	0	None	0	1	2,400	0	0	2	1,200	2	1,200	0	0	2				2.00	2.00	4.00
--	16725	26100700300000	12	Fayette				0				0	None	0	None	0	1	6,000	4	2,400	3	1,800	3	1,800	0	0	2				0.00	2.00	2.00
--	16736	26101800100206	12	Fayette				0				0	None	0	None	0	1	3,600	3	1,800	2	1,200	1	600	0	0	2				0.00	2.00	2.00
--	16752	26103100100053	12	Fayette				0				0	None	0	None	0	1	2,400	2	1,200	1	600	1	600	0	0	2				0.00	2.00	2.00
--	22362	37095601900000	11	Lawrence				0		1	4"	52	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	22369	37100501501309	11	Lawrence				0				0	None	0	None	0	1	3,200	1	800	2	1,600	1	800	0	0	3				1.00	3.00	4.00
--	35982	64003103302148	12	Westmoreland				0				0	None	0	None	0	1	5,400	3	1,800	3	1,800	3	1,800	0	0	2				0.00	2.00	2.00
--	9265	14004507902031	02	Centre	1	0		0	0			0	None	0	None	0	1	3,000	2	1,200	1	600	1	600	1	600	2	25.00	10.00		0.00	2.00	2.00
--	10497	15304401300000	06	Chester	0			0	0			0	None	0	None	0	1	7,200	3	1,800	5	3,000	3	1,800	1	600	2				0.00	2.00	2.00
--	13896	21203100100000	08	Cumberland	0			0	0			0	None	0	None	0	1	4,200	3	1,800	2	1,200	1	600	1	600	2			9.00	0.00	2.00	2.00
--	13897	21203100100187	08	Cumberland	0	0		0	0	0		0	None	0	None	0	1	4,200	3	1,800	2	1,200	1	600	1	600	2		8.00	9.00	0.00	2.00	2.00
--	22433	37300100300259	11	Lawrence				0				0	8" Water	1	Yes	143	0	0	0	0	0	0	0	0	0	0	0				2.00	0.00	2.00
--	32308	57026703202704	04	Susquehanna	0			0	0			0	None	0	None	0	1	5,600	4	3,200	3	2,400	0	0	0	0	3			6.00	0.00	3.00	3.00
--	22441	37300400600000	11	Lawrence				0		1	2"	46	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	4953	06100601100107	05	Berks	0			0	0			0	None	0	None	0	1	4,000	4	3,200	1	800	0	0	0	0	3			0.00	0.00	3.00	3.00
--	16651	26016603900000	12	Fayette				0				0	None	0	None	0	1	5,400	5	3,000	2	1,200	2	1,200	0	0	2				2.00	2.00	4.00
--	26785	45020900401748	05	Monroe	0			0	0			0	None	0	None	0	1	10,400	6	4,800	7	5,600	0	0	0	0	3			3.00	0.00	3.00	3.00
--	362	01400500101339	08	Adams	0			0	0			0	None	0	None	0	1	4,000	4	3,200	1	800	0	0	0	0	3			5.00	0.00	3.00	3.00
--	16720	26100300320000	12	Fayette				0				0	None	0	None	0	1	1,600	2	800	1	400	1	400	0	0	1				1.00	1.00	2.00
--	31470	55052300701200	09	Somerset				0				0	None	0	None	0	1	4,800	5	4,000	1	800	0	0	0	0	3	30.00			0.00	3.00	3.00
--	11049	16200902200128	10	Clarion				0				0	None	0	None	0	1	2,400	2	1,600	1	800	0	0	0	0	3				0.00	3.00	3.00
--	19550	33003601701535	10	Jefferson	1			0				0	nduit bank, 8" Ur	1	Yes	435	1	6,400	2	1,600	6	4,800	0	0	0	0	3				1.00	3.00	4.00
--	13128	20040805201643	01	Crawford	0			0	0			0	4" Gas	1	Yes	98	1	8,800	4	3,200	5	4,000	2	1,600	0	0	3				1.00	3.00	4.00
--	9451	14304003701668	02	Centre	0			0	0			0	None	0	None	0	1	8,800	5	4,000	3	2,400	3	2,400	0	0	3			3.00	0.00	3.00	3.00
--	26595	44401300500000	02	Mifflin	0			0	0			0	None	0	None	0	1	3,200	2	1,600	1	800	1	800	0	0	3				0.00	3.00	3.00
--	16789	26105000101121	12	Fayette				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	16794	26105002101302	12	Fayette				0				0	None	0	None	0	1	1,200	0	0	1	600	1	600	0	0	2				1.00	2.00	3.00
--	16806	26105103000845	12	Fayette				0				0	None	0	None	0	1	1,600	2	800	1	400	1	400	0	0	1				1.00	1.00	2.00
--	24511	41001500702198	03	Lycoming	0			0	0			0	None	0	None	0	1	6,400	4	3,200	2	1,600	2	1,600	0	0	3	50.00		14.00	0.00	3.00	3.00
--	16840	26105801300142	12	Fayette				0				0	None	0	None	0	1	2,400	1	600	1	600	2	1,200	0	0	2				1.00	2.00	3.00
--	16841	26105801300864	12	Fayette				0				0	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1				1.00	1.00	2.00
--	24591	41008700600000	03	Lycoming	0			0	0			0	None	0	None	0	1	8,000	4	3,200	4	3,200	2	1,600	0	0	3	35.00		10.00	0.00	3.00	3.00
--	5709	07101303601234	09	Blair	0			0	0			0	None	0	None	0	1	6,400	3	2,400	3	2,400	2	1,600	0	0	3	30.00			0.00	3.00	3.00
--	3722	04302700400000	11	Beaver				0	1			0	None	0	None	0	1	8,000	7	5,600	2	1,600	1	800	0	0	3				0.00	3.00	3.00
--	16928	26301301900753	12	Fayette				0				0	None	0	None	0	1	1,200	1	400	1	400	1	400	0	0	1				1.00	1.00	2.00
--	22396	37200100802619	11	Lawrence				0				0	None	0	None	0	1	3,200	2	1,600	1	800	1	800	0	0	3				0.00	3.00	3.00
--	18013	30001802400670	12	Greene				0				0	None	0	None	0	1	4,800	2	1,600	2	1,600	2	1,600	0	0	3				1.00	3.00	4.00
--	18044	30001805800146	12	Greene				0				0	None	0	None	0	1	400	0	0	1	400	0	0	0	0	1				1.00	1.00	2.00
--	18154	30018800300000	12	Greene				0				0	Water, 2" Unkno	1	Yes	96	1	1,200	0	0	1	600	1	600	0	0	2				5.00	2.00	7.00
--	18164	30018801800000	12	Greene				0				0	None	0	None	0	1	4,800	2	1,200	3	1,800	3	1,800	0	0	2				2.00	2.00	4.00
--	18214	30101101500501	12	Greene				0				0	6" Gas	1	Yes	171	1	4,200	4	2,400	2	1,200	1	600	0	0	2				2.00	2.00	4.00
--	36493	64202100601976	12	Westmoreland				0				0	None	0	None	0	1	7,200	3	2,400	3	2,400	3	2,400	0	0	3				0.00	3.00	3.00
--	18261	30200303301330	12	Greene				0				0	3" Gas	1	Yes	153	1	1,200	2	1,200	0	0	0	0	0	0	2				2.00	2.00	4.00
--	18279	30201103700000	12	Greene				0				0	None	0	None	0	1	1,200	0	0	2	800	1	400	0	0	1				1.00	1.00	2.00
--	18287	30201600701702	12	Greene				0				0	None	0	None	0	1	800	0	0	1	400	1	400	0	0	1				2.00	1.00	3.00
--	18315	30202600100590	12	Greene				0				0	3" Gas	1	Yes	59	1	6,400	3	2,400	2	1,600	3	2,400	0	0	3				2.00	3.00	5.00
--	18317	30202600501285	12	Greene				0				0	None	0	None	0	1	2,800	3	1,200	2	800	2	800	0	0	1				1.00	1.00	2.00
--	15535	24021900201858	02	Elk	0			0	0			0	None	0	None	0	1	10,400	6	4,800	2	1,600	3	2,400	2	1,600	3	30.00	10.00		0.00	3.00	3.00
--	18403	30301300900000	12	Greene				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	34335	62001900400000	12	Washington				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	34417	62005003300000	12	Washington				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				2.00	0.00	2.00
--	34609	62008804902545	12	Washington		1		96				0	8" Gas	1	Yes	96	1	8,800	6	4,800	1	800	3	2,400	1	800	3				5.00	3.00	8.00
--	34623	62008807600000	12	Washington				0				0	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2				2.00	2.00	4.00
--	34650	62022100802172	12	Washington				0		1		92	None	0	None	0	1	1,200	2	800	1	400	0	0	0	0	1				2.00	1.00	3.00
--	34673	62023104300092	12	Washington				0		1		156	None	0	None	0	1	600	0	0	1	600	0	0	0	0	2				1.00	2.00	3.00
--	34692	62048100500000	12	Washington				0				0	None	0	None	0	1	2,400	2	1,200	1	600	1	600	0	0	2				1.00	2.00	3.00
--	34702	62048102400990	12	Washington				0				0	None	0	None	0	1	1,600	3	1,200	1	400	0	0	0	0	1				1.00	1.00	2.00
--	34847	62104900520000	12	Washington				0		1		47	None	0	None	0	1	3,200	3	2,400	1	800	0	0	0	0	3				1.00	3.00	4.00
--	27513	46066302700894	06	Montgomery	0			0	0			0	None	0	None	0	1	4,000	2	1,600	1	800	1	800	1	800	3				0.00	3.00	3.00
--	34901	62201102800165	12	Washington				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				1.00	0.00	1.00
--	20820	35401900200731	04	Lackawanna	0			0	0			0	20" sewer line	1	Yes	313	1	5,000	4	4,000	1	1,000	0	0	0	0	4				1.00	4.00	5.00

					PennDOT	JV	JV	PennDOT	PennDOT	JV	JV	JV	JV	JV	JV	PennDOT	JV	JV		PennDOT	JV	JV	JV	PennDOT	JV	JV	JV	PennDOT	JV	JV	JV
Early Completion (Y / N)	Bridge Key	BMS #	District	County	Existing Bridge Length (LF)	additional lengthing of Bridge (LF)	New Proposed Bridge Length (LF)	Existing Bridge Width (LF)	Proposed Bridge Width Curb to Curb (LF)	additional width for parapet & buffer (LF)	New Proposed Bridge Width Curb to Curb (LF)	RAILROAD No. of Railroad flagmen	Duration of RR flagmen (SHFT)	Total Railroad flagmen (HOURS)	Due Diligence Test Pits (EACH)	No. of Relocate Underground Water (EACH)	No. of Relocate Underground Water (EACH)	Diameter Underground Water (INCH)	Total Relocate Underground Water (LF)	No. of Relocate Underground Sanitary (EACH)	No. of Relocate Underground Sanitary (EACH)	Diameter Underground Sanitary (INCH)	Total Relocate Underground Sanitary (LF)	No. of Relocate Underground Gas (EACH)	No. of Relocate Underground Gas (EACH)	Diameter Underground Gas (INCH)	Total Relocate Underground Gas (LF)	No. of Relocate Underground Oil (EACH)	No. of Relocate Underground Oil (EACH)	Diameter Underground Oil (INCH)	Total Relocate Underground Oil (LF)	No. of Relocate Underground Fiber Optic (EACH)	No. of Relocate Underground Fiber Optic (EACH)	Diameter Underground Fiber Optic (INCH)	Total Relocate Underground Fiber Optic (LF)
--	34946	62202300800032	12	Washington	29	20	49	24.2	24	24	48	0	0	0			1		48				0		1		49				0				0
--	34949	62202301100756	12	Washington	94	20	114	27.0	26	24	50	0	0	0			1		114				0				0				0				0
--	148	01023403100000	08	Adams	79	20	99	32.8	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	13948	21400100200000	08	Cumberland	40	20	60	20.8	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	20021	34007502501504	02	Juniata	34	20	54	26.3	32	24	56	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	30435	52402600220000	02	Potter	68	20	88	25.0	28	24	52	0	0	0	4	0			0	0			0	0			0	1			88	0			0
--	24751	41041400800000	03	Lycoming	23	20	43	25.7	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	33469	59100101101961	03	Union	35	20	55	24.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	33470	59100101102058	03	Union	32	20	52	25.5	28	24	52	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	29982	51200600100953	04	Pike	28	20	48	23.7	28	24	52	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	75	01003402700000	08	Adams	26	20	46	25.9	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	21196	36032201500954	08	Lancaster	35	20	55	45.0	40	24	64	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	4044	05009602600000	09	Bedford	54	20	74	25.8	30	24	54	0	0	0	0	0			0	0			0	0			0	0			0	0			0
--	36130	64013602502924	12	Westmoreland	24	20	44	26.5	30	24	54	0	0	0	2		1		44				0				0				0				0
--	8424	11016002000862	09	Cambria	26	20	46	31.4	32	24	56	0	0	0					0				0				0				0				0
--	36331	64098201701219	12	Westmoreland	43	20	63	26.5	28	24	52	0	0	0			1		63		1		63				0				0				0
--	17832	29052202901545	09	Fulton	75	20	95	26.0	30	24	54	0	0	0					0				0				0				0				0
--	36389	64101700600042	12	Westmoreland	23	20	43	27.0	24	24	48	0	0	0			1		43				0				0				0				0
--	36481	64201201301481	12	Westmoreland	24	20	44	26.4	26	24	50	0	0	0			1		44				0				0				0				0
--	45123	55003003602574	09	Somerset	12	20	32	26.0	40	24	64	0	0	0					0				0				0				0				0
--	36684	64400700200691	12	Westmoreland	28	20	48	33.5	32	24	56	0	0	0			1		48		1		48				0				0				0
--	37037	64801105100448	12	Westmoreland	22	20	42	43.6	40	24	64	0	0	0			1		42		1		42	1			42				0				0
--	3169	03200101402192	10	Armstrong	116	20	136	31.2	28	24	52	0	0	0	2				0				0				0				0				0
--	23795	40011501200000	04	Luzerne	27	20	47	40.0	36	24	60	0	0	0	2	0			0	0			0	0			0	0			0	0			0
--	21043	36003004802322	08	Lancaster	67	20	87	56.8	52	24	76	0	0	0	0	0			0	0			0	0			0	0			0	0			0
~~R~~	~~12745~~	~~19403600120000~~	~~03~~	~~Columbia~~	~~0~~	~~0~~	~~0~~	0	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~
~~R~~	~~37033~~	~~45301500201644~~	~~05~~	~~Monroe~~	~~0~~	~~0~~	~~0~~	0	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~
~~R~~	~~42278~~	~~48003301200000~~	~~05~~	~~Northampton~~	~~0~~	~~0~~	~~0~~	0	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~
~~R~~	~~42446~~	~~48003301210000~~	~~05~~	~~Northampton~~	~~0~~	~~0~~	~~0~~	0	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~
~~R~~	~~41065~~	~~03013000430000~~	~~11~~	~~Allegheny~~	~~0~~	~~0~~	~~0~~	0	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~
~~R~~	~~41066~~	~~03013000420165~~	~~11~~	~~Allegheny~~	~~0~~	~~0~~	~~0~~	0	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~

					PennDOT	JV	JV	JV	PennDOT	JV	JV	JV	JV	JV	JV	JV	JV	JV										CONFLICT TOTALS		
					No. of	No. of		Total	No. of	No. of		Total	Structure	Structure	Structure	Structure	No. of	Total	No. of	Relocate	Relocate	Relocate	Relocate	Relocate	Relocate	Relocate	Relocate	No. of	CL of Bridge	Near Bridge	End of	Bridge Total Underground		
Early Completion (Y / N)	Bridge Key	BMS #	District	County	Relocate Underground Electric (EACH)	Relocate Underground Electric (EACH)	Diameter Underground Electric (INCH)	Relocate Underground Electric (LF)	Relocate Underground Unspecified (EACH)	Relocate Underground Unspecified (EACH)	Diameter Underground Unspecified (INCH)	Relocate Underground Unspecified (LF)	Attached Relocate Utility ype - i.e. waterlir	Attached Temporary Support (Y = 1, N = 0)	Attached Temporary Support Required	Attached Relocate Utility (LF)	Relocate Aerial (Y = 1, N = 0)	Relocate Aerial (LF)	Relocate Aerial Electric (EACH)	Permanent Aerial Electric (LF)	Permanent Aerial Telephone (EACH)	Permanent Aerial Telephone (LF)	Permanent Aerial TV (EACH)	Permanent Aerial TV (LF)	Permanent Aerial Fiber Optic (EACH)	Permanent Aerial Fiber Optic (LF)	Relocate Aerial Pole (EACH)	to ROW offset (FEET)	Extremity to Pole/Line offset (FEET)	Abutment to Pole/Line Distance (FEET)	Conflicts (Includes Attachments) (EACH)	Bridge Total Aerial Pole Conflicts (EACH)	Underground & Poles Grand Total Conflicts (EACH)
--	34946	62202300800032	12	Washington				0				0	None	0	None	0	1	6,600	3	1,800	4	2,400	4	2,400	0	0	2				2.00	2.00	4.00
--	34949	62202301100756	12	Washington				0				0	None	0	None	0	1	4,800	5	3,000	2	1,200	1	600	0	0	2				1.00	2.00	3.00
--	148	01023403100000	08	Adams	0			0	0			0	None	0	None	0	1	7,000	4	4,000	3	3,000	0	0	0	0	4			6.00	0.00	4.00	4.00
--	13948	21400100200000	08	Cumberland	0			0	0			0	None	0	None	0	1	4,000	2	2,000	2	2,000	0	0	0	0	4			3.00	0.00	4.00	4.00
--	20021	34007502501504	02	Juniata	0			0	0			0	None	0	None	0	1	8,000	5	5,000	2	2,000	1	1,000	0	0	4	25.00	6.00	2.00	0.00	4.00	4.00
--	30435	52402600220000	02	Potter	0			0	0			0	4" Gas	1	Yes	88	1	11,000	7	7,000	3	3,000	1	1,000	0	0	4			15.00	1.00	4.00	5.00
--	24751	41041400800000	03	Lycoming	0			0	0			0	None	0	None	0	1	8,000	4	4,000	3	3,000	1	1,000	0	0	4	25.00	10.00	10.00	0.00	4.00	4.00
--	33469	59100101101961	03	Union	0			0	0			0	None	0	None	0	1	5,000	3	3,000	1	1,000	1	1,000	0	0	4	25.00		0.00	0.00	4.00	4.00
--	33470	59100101102058	03	Union	0			0	0			0	None	0	None	0	1	4,000	1	1,000	2	2,000	1	1,000	0	0	4	25.00		7.00	0.00	4.00	4.00
--	29982	51200600100953	04	Pike	0			0	0			0	None	0	None	0	1	7,000	4	4,000	1	1,000	2	2,000	0	0	4	25.00	10.00		0.00	4.00	4.00
--	75	01003402700000	08	Adams	0			0	0			0	None	0	None	0	1	8,000	4	4,000	2	2,000	2	2,000	0	0	4			6.00	0.00	4.00	4.00
--	21196	36032201500954	08	Lancaster	0			0	0			0	None	0	None	0	1	8,000	4	4,000	3	3,000	1	1,000	0	0	4				0.00	4.00	4.00
--	4044	05009602600000	09	Bedford	0			0	0			0	None	0	None	0	1	3,000	1	1,000	1	1,000	0	0	1	1,000	4	30.00			0.00	4.00	4.00
--	36130	64013602502924	12	Westmoreland				0				0	onsol Energy Gas	1	Yes	44	1	4,200	3	1,800	2	1,200	2	1,200	0	0	2				2.00	2.00	4.00
--	8424	11016002000862	09	Cambria				0				0	None	0	None	0	1	6,000	2	2,000	2	2,000	2	2,000	0	0	4	20.00			0.00	4.00	4.00
--	36331	64098201701219	12	Westmoreland				0				0	None	0	None	0	1	1,200	1	400	1	400	1	400	0	0	1				2.00	1.00	3.00
--	17832	29052202901545	09	Fulton				0				0	None	0	None	0	1	6,000	4	4,000	1	1,000	1	1,000	0	0	4	30.00, 27.50			0.00	4.00	4.00
--	36389	64101700600042	12	Westmoreland				0				0	None	0	None	0	1	1,600	2	800	1	400	1	400	0	0	1				1.00	1.00	2.00
--	36481	64201201301481	12	Westmoreland				0				0	None	0	None	0	1	3,600	3	1,800	2	1,200	1	600	0	0	2				1.00	2.00	3.00
--	45123	55003003602574	09	Somerset				0				0	None	0	None	0	1	5,000	3	3,000	1	1,000	1	1,000	0	0	4	25.00			0.00	4.00	4.00
--	36684	64400700200691	12	Westmoreland				0				0	None	0	None	0	1	2,800	3	1,200	2	800	2	800	0	0	1				2.00	1.00	3.00
--	37037	64801105100448	12	Westmoreland				0				0	None	0	None	0	0	0	0	0	0	0	0	0	0	0	0				3.00	0.00	3.00
--	3169	03200101402192	10	Armstrong				0				0	None	0	None	0	1	4,000	1	1,000	2	2,000	1	1,000	0	0	4				0.00	4.00	4.00
--	23795	40011501200000	04	Luzerne	0			0	0			0	None	0	None	0	1	12,000	5	5,000	4	4,000	1	1,000	2	2,000	4	50.00		4.00	0.00	4.00	4.00
--	21043	36003004802322	08	Lancaster	0			0	0			0	None	0	None	0	1	14,000	5	5,000	4	4,000	4	4,000	1	1,000	4				0.00	4.00	4.00
~~R~~	~~12745~~	~~10403600130000~~	~~03~~	~~Columbia~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~			~~0.00~~	~~0.00~~	~~0.00~~
~~R~~	~~37023~~	~~45301500301644~~	~~05~~	~~Monroe~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~			~~0.00~~	~~0.00~~	~~0.00~~
~~R~~	~~42378~~	~~48003301200000~~	~~05~~	~~Northampton~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~			~~0.00~~	~~0.00~~	~~0.00~~
~~R~~	~~42446~~	~~48003301210000~~	~~05~~	~~Northampton~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~			~~0.00~~	~~0.00~~	~~0.00~~
~~R~~	~~41065~~	~~03013000430000~~	~~11~~	~~Allegheny~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~			~~0.00~~	~~0.00~~	~~0.00~~
~~R~~	~~41066~~	~~03013000430165~~	~~11~~	~~Allegheny~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~N/A~~	~~0~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~N/A~~			~~0.00~~	~~0.00~~	~~0.00~~

Preliminary Project Baseline Schedule

Preliminary Project Baseline Schedule

PRELIMINARY PROJECT BASELINE SCHEDULE SECTION ORGANIZATION

PROPOSED EXECUTION OF THE WORK FOR THE TERM

PWKP's plan to execute the large quantity of bridges on the project was developed through many meetings of the Scheduling TWG. The TWG analyzed the contract requirements which included permitting requirements, ROW requirements, utility requirements, design requirements, milestones, and payment structure. PWKP established a preconstruction schedule to incorporate all activities required prior to NTP3 at each bridge site.

The TWG analyzed the project restrictions including:

- Spring stocked trout in-stream work restriction
- Fall wild trout in-stream work restriction
- School in session detour restriction
- Maximum allowable detour duration per Attachment 10-1 and as defined in the PPA
- Construction season per Attachment 10-1
- Staged construction requirement per Attachment 10-1
- Mandatory traffic control and other mandatory project special conditions per Attachment 10-1
- T&E species construction restrictions
- Permitting time constraints for REBs
- Presence of existing utilities and needs for relocation
- Availability payment mechanism

PWKP performed a thorough analysis of the ECBs, to determine how many of these bridges could feasibly be completed in 2015. The preliminary baseline schedule indicates 58 ECBs starting and completing in 2015 as a reasonable goal. The balance of the ECBs are scheduled to be constructed in 2016. PWKP considered the following situations when determining which bridges to move to 2016:

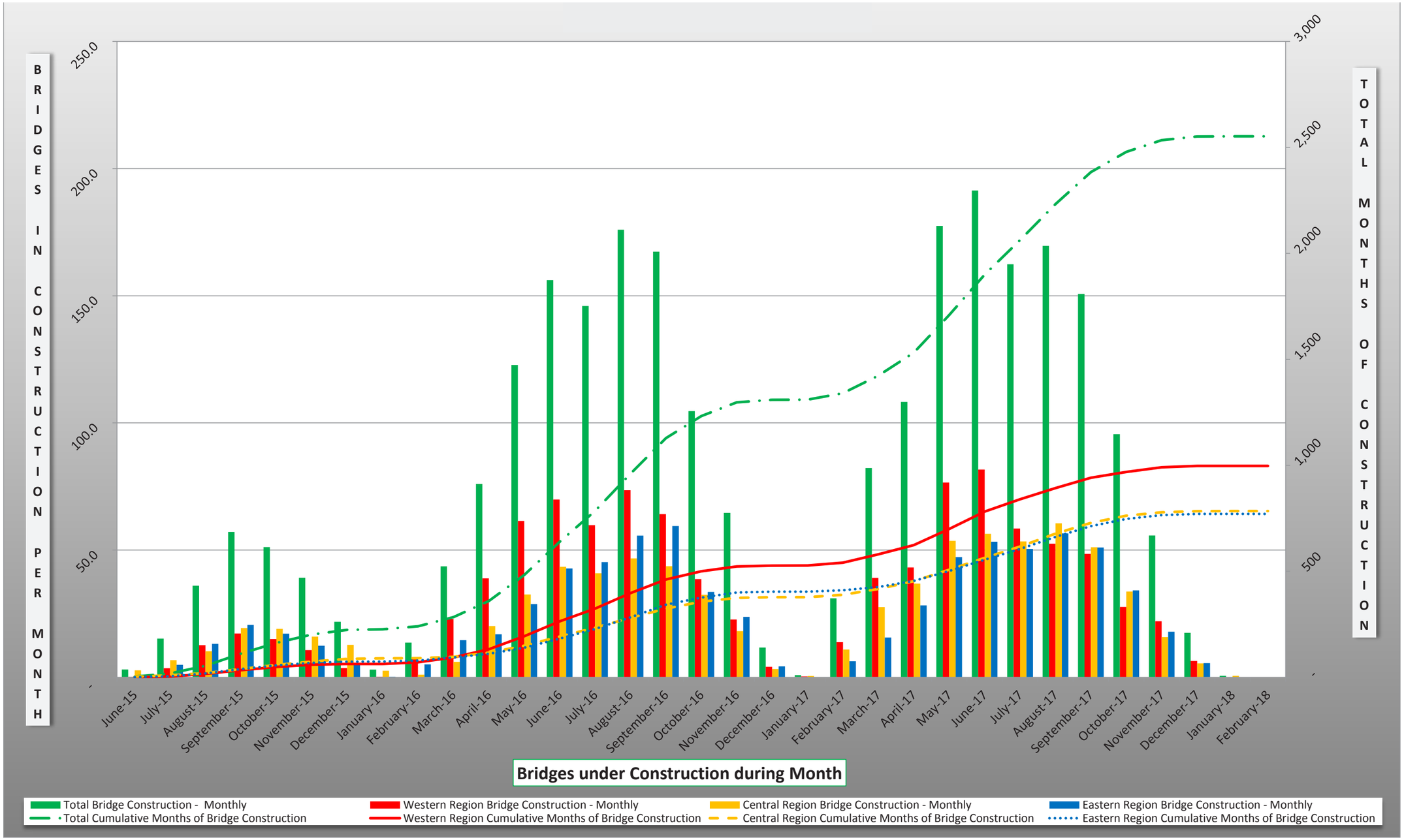
- 20 ECBs are required to be built under staged construction. The multiple stages will require more construction time, pushing the scheduled end date of these bridges into December 2015. Performing superstructure concrete, asphalt paving, and line painting activities during cold weather is a risk that PWKP takes very seriously, both from a quality standpoint and a material availability standpoint. Technical Provision Section 16.3.2.1(a) does not permit a winter shutdown, which would be more than 14 days of inactivity at a bridge site. PWKP will endeavor to accelerate preconstruction activities for staged ECBs remaining in the 2015 schedule, including design, along with moderately accelerating the construction schedule to facilitate completion of the staged ECBs prior to December. Each of these bridges was analyzed separately and PWKP has scheduled start of construction in 2016 for any bridges with an apparent high risk of going into the cold weather months in 2015.
- 19 ECBs must be completed while school is in recess, which ends on or about August 16, 2015. PWKP will endeavor to accelerate preconstruction activities for school summer recess bridges remaining in the 2015 schedule, including design, along with accelerating the construction schedule to facilitate completion of the school summer recess ECBs by August 16, 2015. PWKP has a thorough understanding of the ramifications of not completing one of these bridges before school begins in August, which includes the table of unavailability values in Technical Provision Attachment 10-1. Therefore, each bridge was analyzed separately, and the start of construction was scheduled for school summer recess in 2016 for any bridges with an apparent high risk of not completing in time in 2015.
- In several locations, multiple specific ECBs can not be under traffic restriction at the same time, limiting the possibility of completing all bridges in 2015. For example, Bridges #1405, #1406, and #42177 are all in close proximity on SR 1013 in Allegheny County. Constructing these three bridges consecutively in the limited available timeframe in 2015 was not feasible. In locations like this, PWKP has moved one or more of the bridges to 2016.

In order to maximize the effectiveness of the Project and exceed one of PennDOT's goals, PWKP prioritized weight restriction posted bridges. Weight posted REBs were identified and placed, as much as possible, into the 2016 construction schedule. Years 2016 and 2017 were determined to be essentially identical in terms of contract restrictions, so the quantity of bridges was set approximately the same in the schedule for each of these two seasons, with a slightly heavier workload in 2017. The project substantial completion deadline is August 30, 2018, so longer duration bridges and a high quantity of bridges would not be possible in the 2018 construction season. PWKP decided not to utilize the 2018 construction season and schedule the project to achieve substantial completion of all bridges by December 31, 2017. A detailed analysis of available subcontractor capacity was assembled, with research of the last ten years with consideration for the increase in upcoming PennDOT work. PWKP, with input from its exclusive and participating subcontractors, is comfortable that there is sufficient subcontracting capacity for the construction of the project to be completed by the end of 2017.

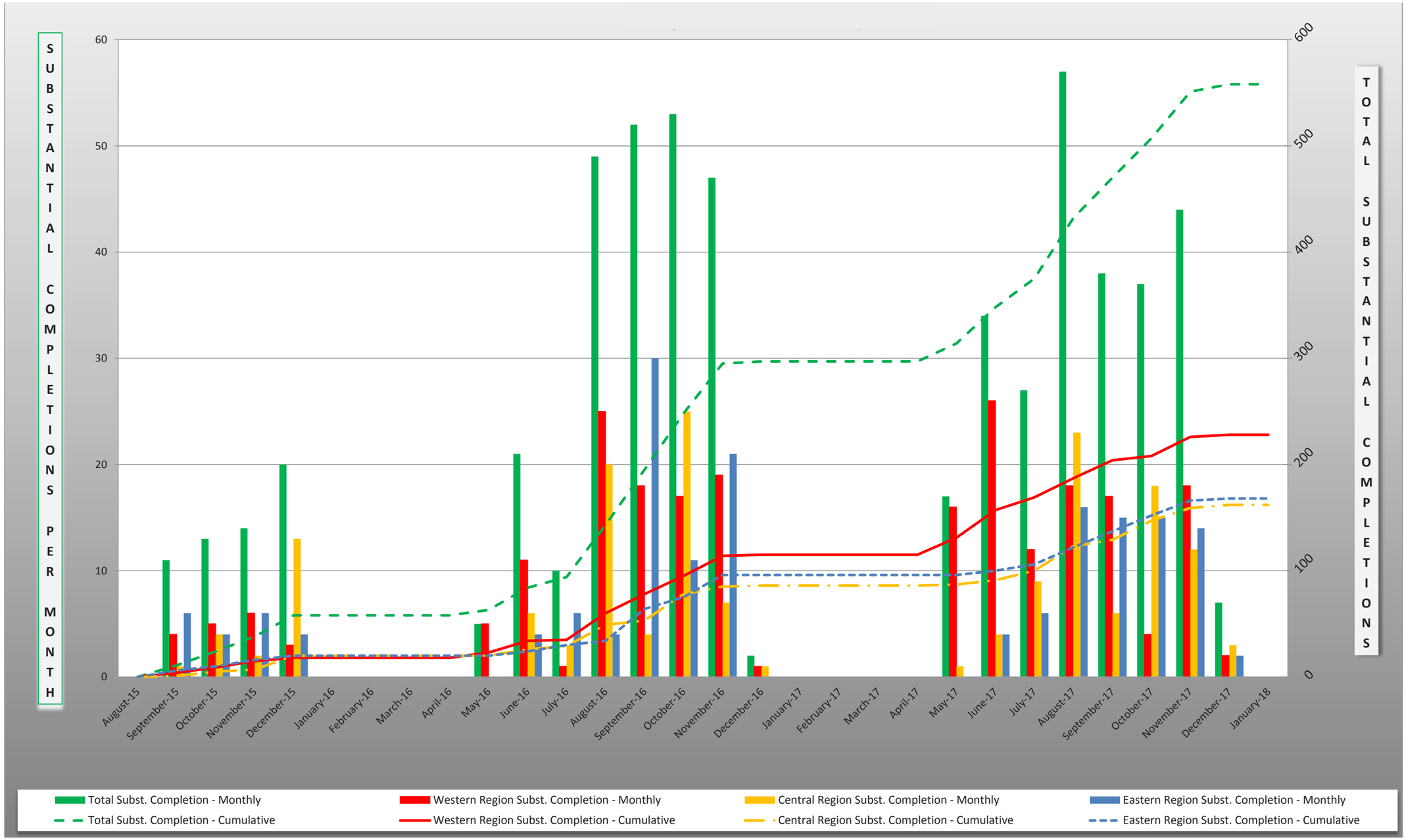
In the 2015, 2016, and 2017 construction seasons, and in each part of those years, the schedule has leveled the quantity of bridges closely within each of the three construction regions. This plan will ensure that by maintaining a consistent workload, no region is overloaded at any one time, and each region is fully utilizing its allocated resources. Since the total quantity of bridges in the West region is higher, a larger management force and proportionately more resources will be available there. Notably, though the West region has more bridges, and a higher percentage of bridges planned to utilize box culverts, which require less resources to design and construct than a bridge. The West region also has more subcontractor capacity than the Central or East regions, giving PWKP confidence that the quantity of bridges allocated for the West region can be completed by December 31, 2017.

Each bridge replacement will have a 25 year maintenance term. The baseline schedule will indicate the substantial completion date of construction for each bridge, and the hand back date 25 years later after the maintenance term is complete. Unanticipated maintenance work is not shown on the baseline schedule.

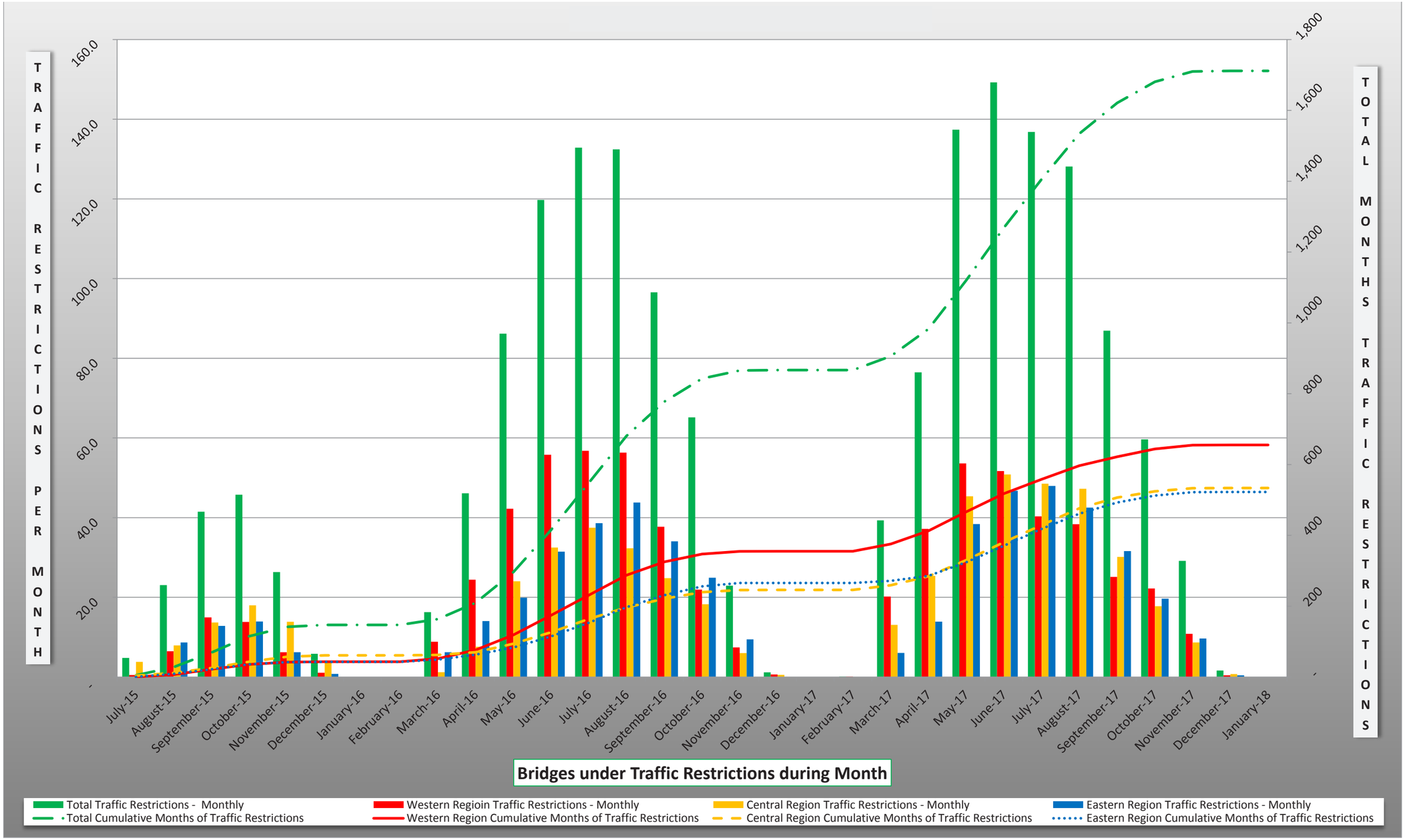
BRIDGES UNDER CONSTRUCTION BY MONTH



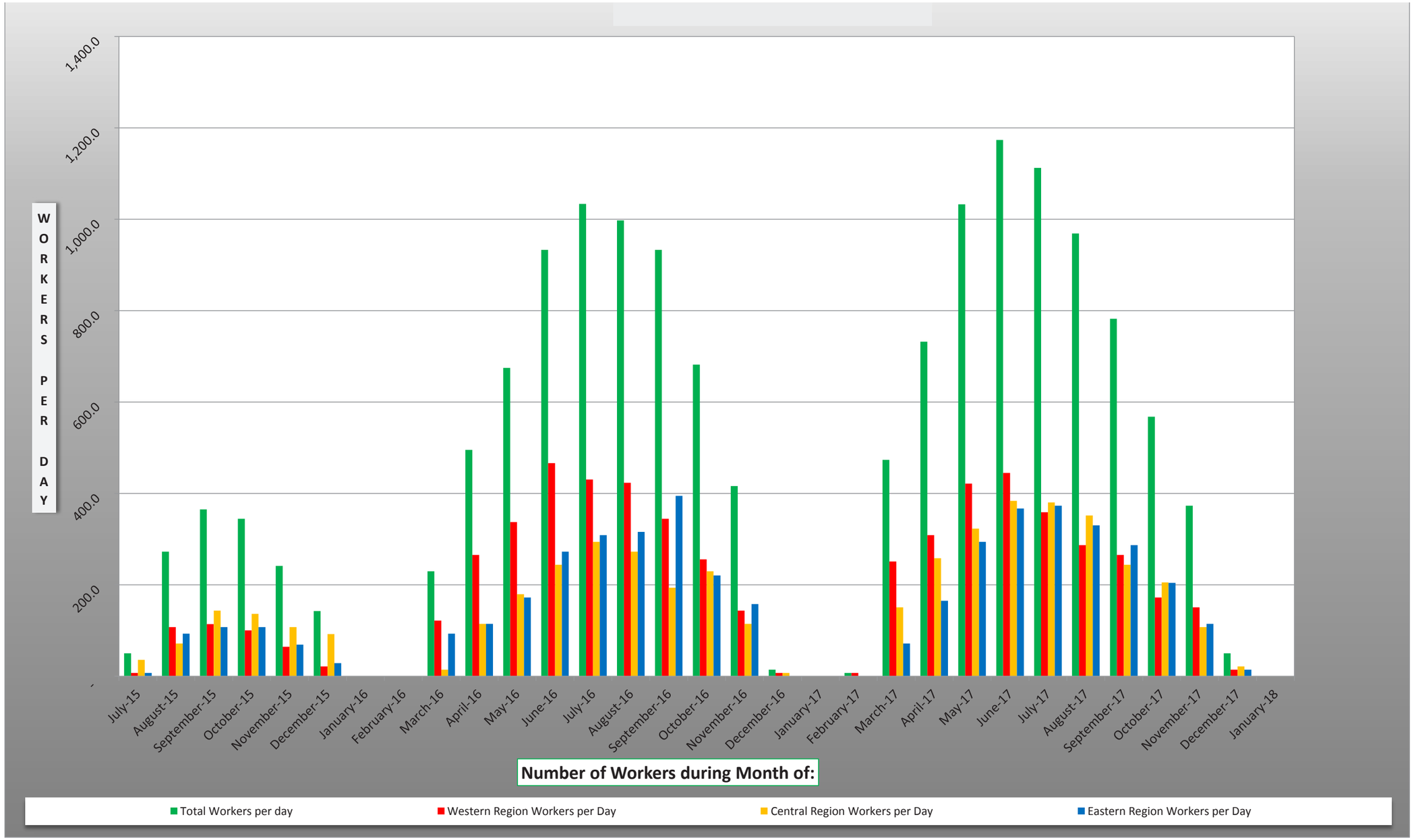
SUBSTANTIAL BRIDGE COMPLETIONS BY MONTH



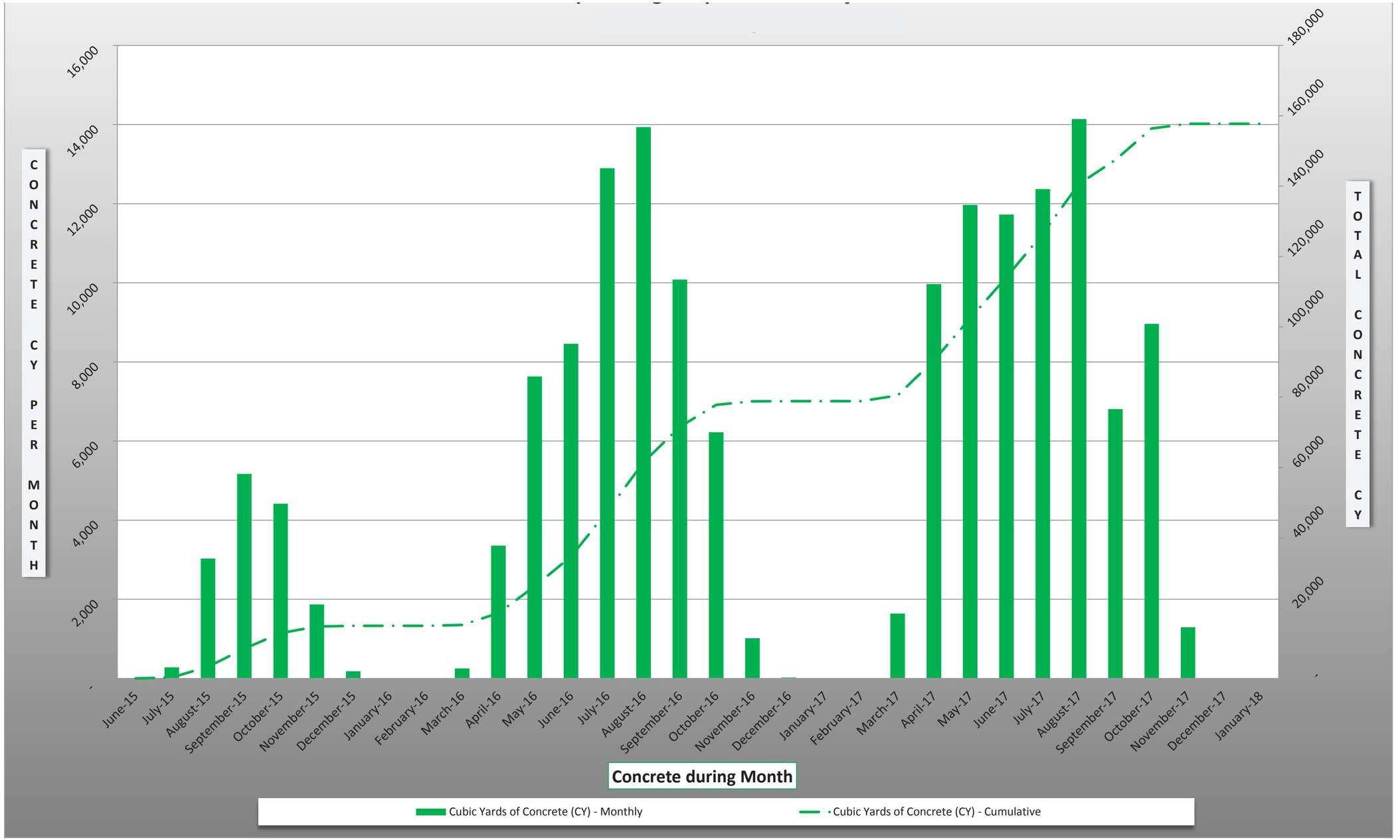
BRIDGES UNDER TRAFFIC RESTRICTIONS



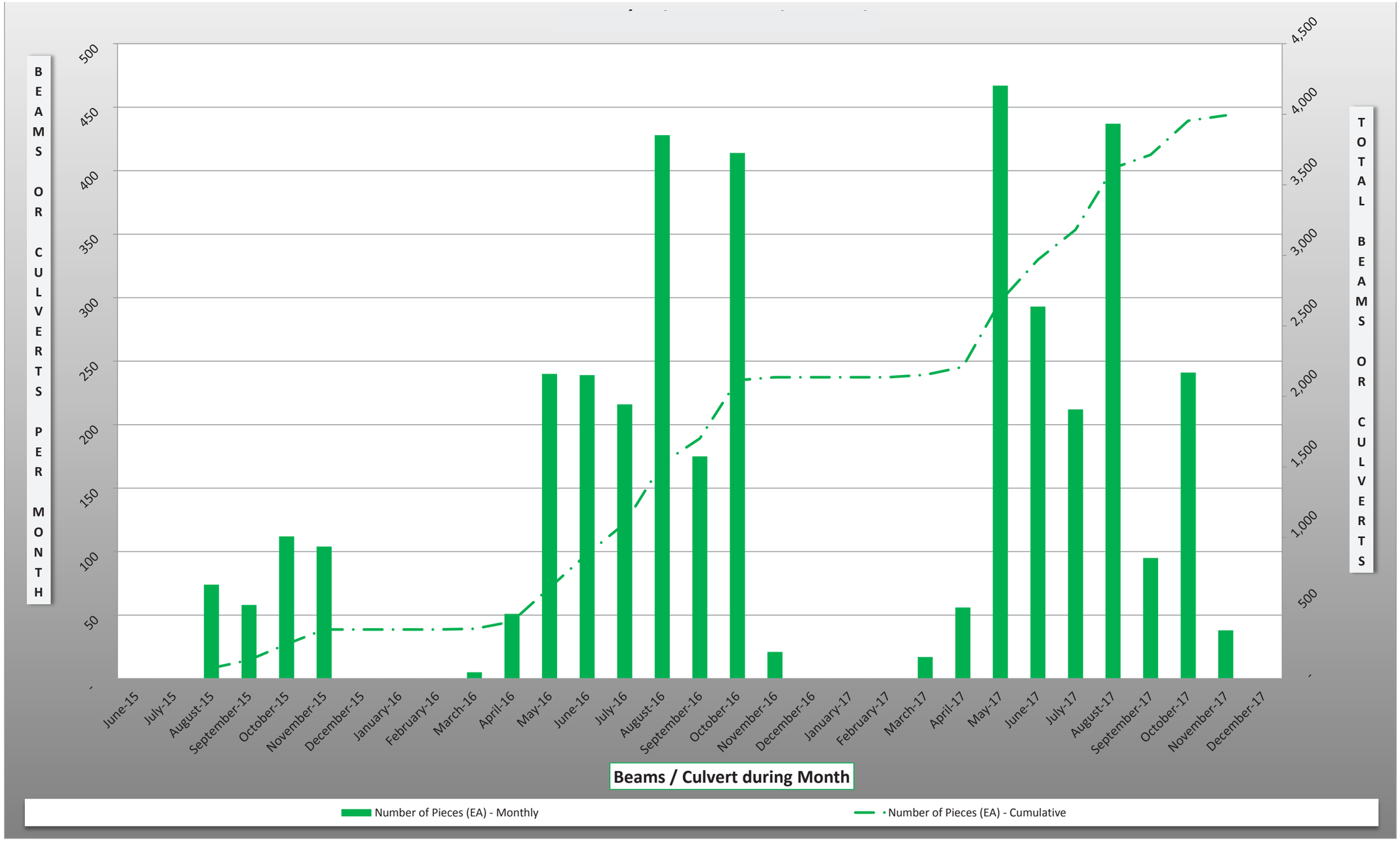
WORKERS EMPLOYED BY MONTH



CUBIC YARDS OF CONCRETE BY MONTH

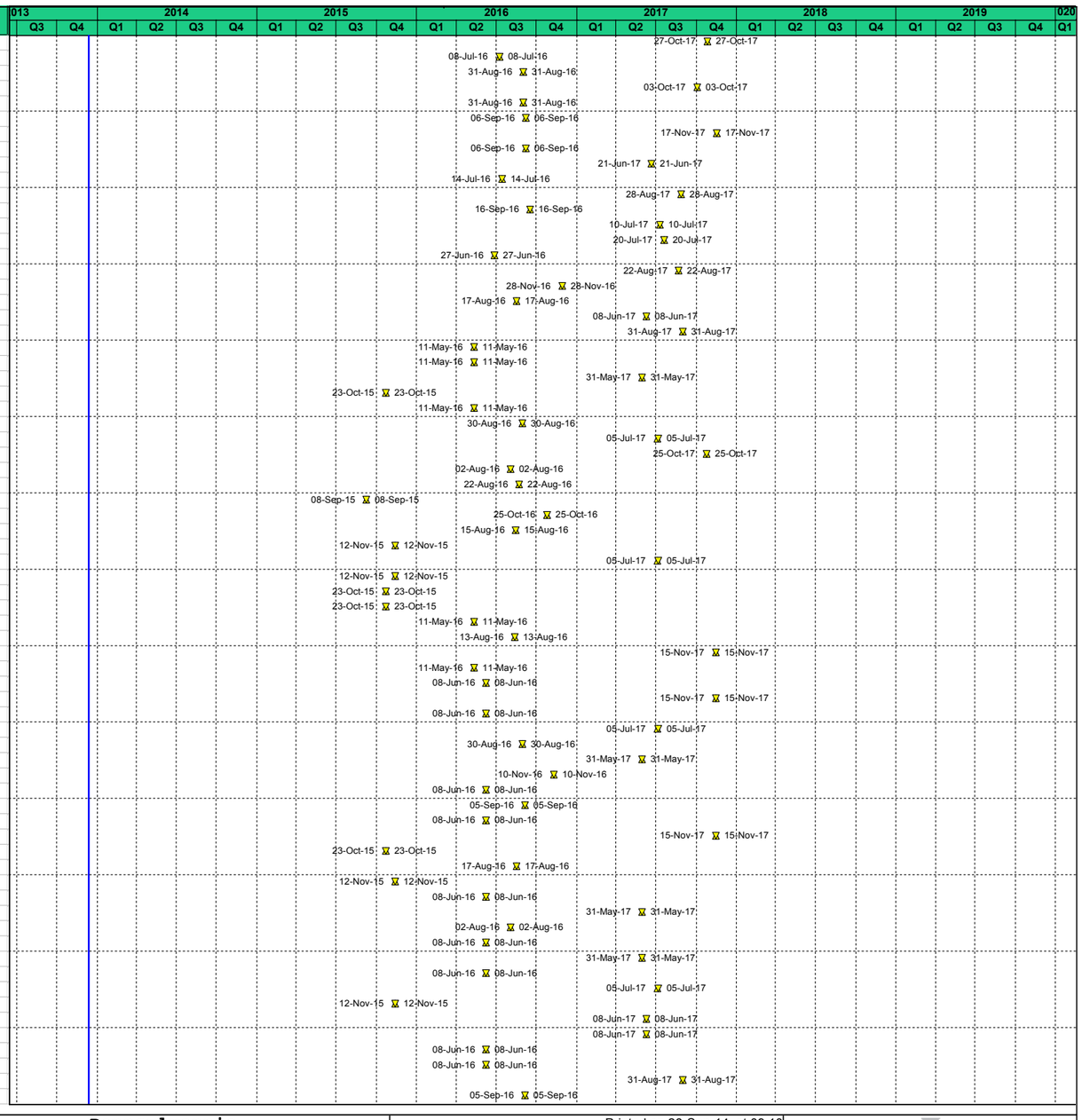


BEAM/CULVERT PIECES BY MONTH



SCHEDULE OF SUBSTANTIAL COMPLETIONS BY BRIDGE

Activity ID	Activity Name	Original Duration	Start	Finish
00047-LE-160	Substantial Completion - Bridge 00047	0	27-Oct-17	27-Oct-17
00071-LE-160	Substantial Completion - Bridge 00071	0	08-Jul-16	08-Jul-16
00075-LE-160	Substantial Completion - Bridge 00075	0	31-Aug-16	31-Aug-16
00087-LE-160	Substantial Completion - Bridge 00087	0	03-Oct-17	03-Oct-17
00098-LE-160	Substantial Completion - Bridge 00098	0	31-Aug-16	31-Aug-16
00128-LE-160	Substantial Completion - Bridge 00128	0	06-Sep-16	06-Sep-16
00135-LE-160	Substantial Completion - Bridge 00135	0	17-Nov-17	17-Nov-17
00148-LE-160	Substantial Completion - Bridge 00148	0	06-Sep-16	06-Sep-16
00160-LE-160	Substantial Completion - Bridge 00160	0	21-Jun-17	21-Jun-17
00185-LE-160	Substantial Completion - Bridge 00185	0	14-Jul-16	14-Jul-16
00198-LE-160	Substantial Completion - Bridge 00198	0	28-Aug-17	28-Aug-17
00229-LE-160	Substantial Completion - Bridge 00229	0	16-Sep-16	16-Sep-16
00319-LE-160	Substantial Completion - Bridge 00319	0	10-Jul-17	10-Jul-17
00362-LE-160	Substantial Completion - Bridge 00362	0	20-Jul-17	20-Jul-17
00364-LE-160	Substantial Completion - Bridge 00364	0	27-Jun-16	27-Jun-16
00381-LE-160	Substantial Completion - Bridge 00381	0	22-Aug-17	22-Aug-17
00505-LE-160	Substantial Completion - Bridge 00505	0	28-Nov-16	28-Nov-16
00659-LE-160	Substantial Completion - Bridge 00659	0	17-Aug-16	17-Aug-16
00664-LE-160	Substantial Completion - Bridge 00664	0	08-Jun-17	08-Jun-17
00709-LE-160	Substantial Completion - Bridge 00709	0	31-Aug-17	31-Aug-17
00954-LE-160	Substantial Completion - Bridge 00954	0	11-May-16	11-May-16
00961-LE-160	Substantial Completion - Bridge 00961	0	11-May-16	11-May-16
01334-LE-160	Substantial Completion - Bridge 01334	0	31-May-17	31-May-17
01339-LE-160	Substantial Completion - Bridge 01339	0	23-Oct-15	23-Oct-15
01346-LE-160	Substantial Completion - Bridge 01346	0	11-May-16	11-May-16
01365-LE-160	Substantial Completion - Bridge 01365	0	30-Aug-16	30-Aug-16
01372-LE-160	Substantial Completion - Bridge 01372	0	05-Jul-17	05-Jul-17
01373-LE-160	Substantial Completion - Bridge 01373	0	25-Oct-17	25-Oct-17
01390-LE-160	Substantial Completion - Bridge 01390	0	02-Aug-16	02-Aug-16
01397-LE-160	Substantial Completion - Bridge 01397	0	22-Aug-16	22-Aug-16
01400-LE-160	Substantial Completion - Bridge 01400	0	08-Sep-15	08-Sep-15
01404-LE-160	Substantial Completion - Bridge 01404	0	25-Oct-16	25-Oct-16
01405-LE-160	Substantial Completion - Bridge 01405	0	15-Aug-16	15-Aug-16
01406-LE-160	Substantial Completion - Bridge 01406	0	12-Nov-15	12-Nov-15
01424-LE-160	Substantial Completion - Bridge 01424	0	05-Jul-17	05-Jul-17
01435-LE-160	Substantial Completion - Bridge 01435	0	12-Nov-15	12-Nov-15
01455-LE-160	Substantial Completion - Bridge 01455	0	23-Oct-15	23-Oct-15
01471-LE-160	Substantial Completion - Bridge 01471	0	23-Oct-15	23-Oct-15
01479-LE-160	Substantial Completion - Bridge 01479	0	11-May-16	11-May-16
01481-LE-160	Substantial Completion - Bridge 01481	0	13-Aug-16	13-Aug-16
01496-LE-160	Substantial Completion - Bridge 01496	0	15-Nov-17	15-Nov-17
01498-LE-160	Substantial Completion - Bridge 01498	0	11-May-16	11-May-16
01519-LE-160	Substantial Completion - Bridge 01519	0	08-Jun-16	08-Jun-16
01520-LE-160	Substantial Completion - Bridge 01520	0	15-Nov-17	15-Nov-17
01523-LE-160	Substantial Completion - Bridge 01523	0	08-Jun-16	08-Jun-16
01527-LE-160	Substantial Completion - Bridge 01527	0	05-Jul-17	05-Jul-17
01559-LE-160	Substantial Completion - Bridge 01559	0	30-Aug-16	30-Aug-16
01562-LE-160	Substantial Completion - Bridge 01562	0	31-May-17	31-May-17
01567-LE-160	Substantial Completion - Bridge 01567	0	10-Nov-16	10-Nov-16
01568-LE-160	Substantial Completion - Bridge 01568	0	08-Jun-16	08-Jun-16
01600-LE-160	Substantial Completion - Bridge 01600	0	05-Sep-16	05-Sep-16
01620-LE-160	Substantial Completion - Bridge 01620	0	08-Jun-16	08-Jun-16
01626-LE-160	Substantial Completion - Bridge 01626	0	15-Nov-17	15-Nov-17
01671-LE-160	Substantial Completion - Bridge 01671	0	23-Oct-15	23-Oct-15
01704-LE-160	Substantial Completion - Bridge 01704	0	17-Aug-16	17-Aug-16
01715-LE-160	Substantial Completion - Bridge 01715	0	12-Nov-15	12-Nov-15
01727-LE-160	Substantial Completion - Bridge 01727	0	08-Jun-16	08-Jun-16
01733-LE-160	Substantial Completion - Bridge 01733	0	31-May-17	31-May-17
01776-LE-160	Substantial Completion - Bridge 01776	0	02-Aug-16	02-Aug-16
01859-LE-160	Substantial Completion - Bridge 01859	0	08-Jun-16	08-Jun-16
01860-LE-160	Substantial Completion - Bridge 01860	0	31-May-17	31-May-17
01881-LE-160	Substantial Completion - Bridge 01881	0	08-Jun-16	08-Jun-16
01882-LE-160	Substantial Completion - Bridge 01882	0	05-Jul-17	05-Jul-17
01950-LE-160	Substantial Completion - Bridge 01950	0	12-Nov-15	12-Nov-15
01974-LE-160	Substantial Completion - Bridge 01974	0	08-Jun-17	08-Jun-17
01976-LE-160	Substantial Completion - Bridge 01976	0	08-Jun-17	08-Jun-17
01980-LE-160	Substantial Completion - Bridge 01980	0	08-Jun-16	08-Jun-16
01982-LE-160	Substantial Completion - Bridge 01982	0	08-Jun-16	08-Jun-16
02992-LE-160	Substantial Completion - Bridge 02992	0	31-Aug-17	31-Aug-17
03097-LE-160	Substantial Completion - Bridge 03097	0	05-Sep-16	05-Sep-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

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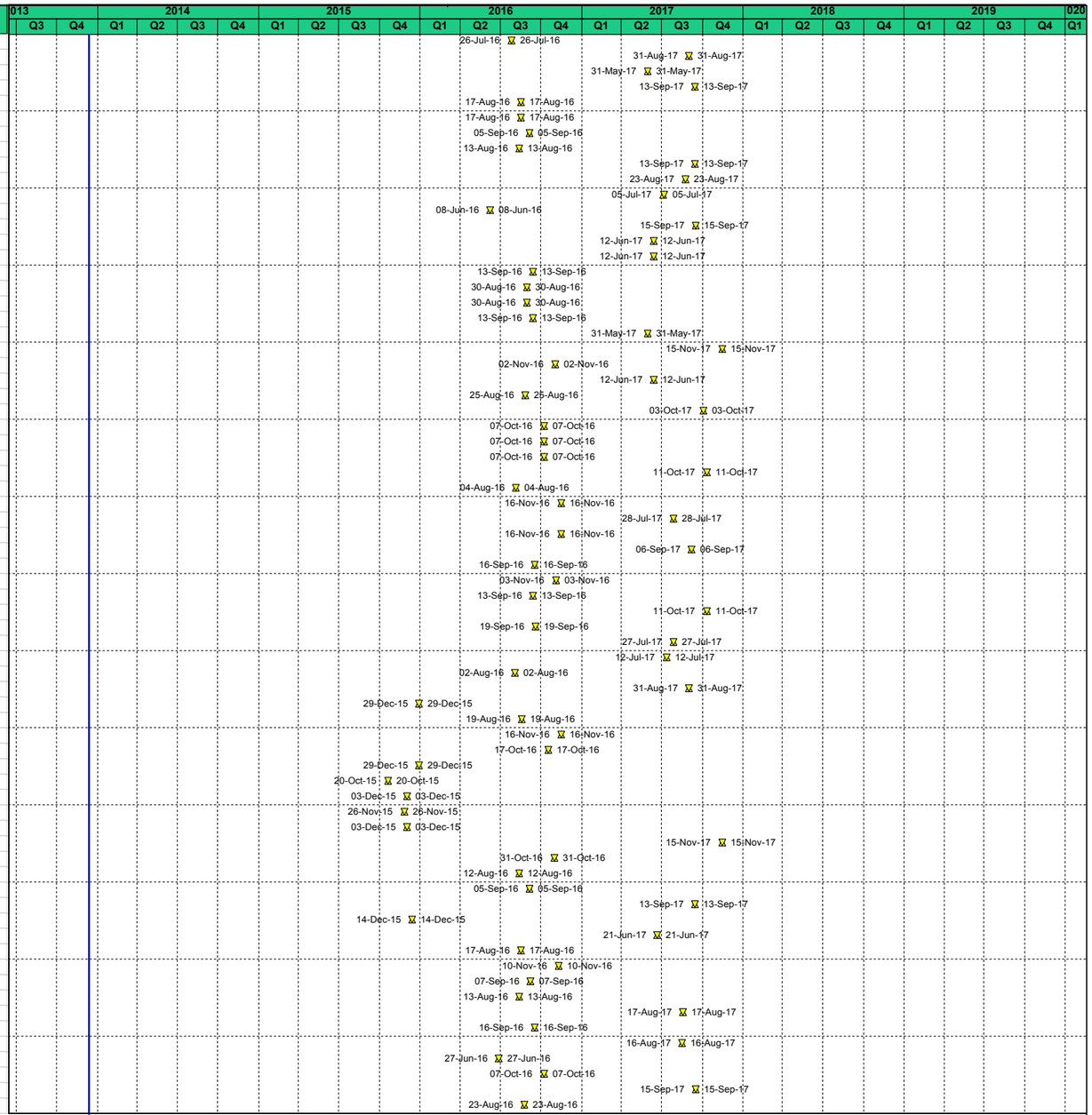
Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
03160-LE-160	Substantial Completion - Bridge 03160	0	26-Jul-16	26-Jul-16
03169-LE-160	Substantial Completion - Bridge 03169	0	31-Aug-17	31-Aug-17
03176-LE-160	Substantial Completion - Bridge 03176	0	31-May-17	31-May-17
03232-LE-160	Substantial Completion - Bridge 03232	0	13-Sep-17	13-Sep-17
03245-LE-160	Substantial Completion - Bridge 03245	0	17-Aug-16	17-Aug-16
03278-LE-160	Substantial Completion - Bridge 03278	0	17-Aug-16	17-Aug-16
03282-LE-160	Substantial Completion - Bridge 03282	0	05-Sep-16	05-Sep-16
03293-LE-160	Substantial Completion - Bridge 03293	0	13-Aug-16	13-Aug-16
03294-LE-160	Substantial Completion - Bridge 03294	0	13-Sep-17	13-Sep-17
03599-LE-160	Substantial Completion - Bridge 03599	0	23-Aug-17	23-Aug-17
03602-LE-160	Substantial Completion - Bridge 03602	0	05-Jul-17	05-Jul-17
03647-LE-160	Substantial Completion - Bridge 03647	0	08-Jun-16	08-Jun-16
03654-LE-160	Substantial Completion - Bridge 03654	0	15-Sep-17	15-Sep-17
03693-LE-160	Substantial Completion - Bridge 03693	0	12-Jun-17	12-Jun-17
03695-LE-160	Substantial Completion - Bridge 03695	0	12-Jun-17	12-Jun-17
03717-LE-160	Substantial Completion - Bridge 03717	0	13-Sep-16	13-Sep-16
03722-LE-160	Substantial Completion - Bridge 03722	0	30-Aug-16	30-Aug-16
03723-LE-160	Substantial Completion - Bridge 03723	0	30-Aug-16	30-Aug-16
03747-LE-160	Substantial Completion - Bridge 03747	0	13-Sep-16	13-Sep-16
03749-LE-160	Substantial Completion - Bridge 03749	0	31-May-17	31-May-17
03750-LE-160	Substantial Completion - Bridge 03750	0	15-Nov-17	15-Nov-17
03755-LE-160	Substantial Completion - Bridge 03755	0	02-Nov-16	02-Nov-16
03769-LE-160	Substantial Completion - Bridge 03769	0	12-Jun-17	12-Jun-17
03954-LE-160	Substantial Completion - Bridge 03954	0	25-Aug-16	25-Aug-16
03955-LE-160	Substantial Completion - Bridge 03955	0	03-Oct-17	03-Oct-17
04010-LE-160	Substantial Completion - Bridge 04010	0	07-Oct-16	07-Oct-16
04044-LE-160	Substantial Completion - Bridge 04044	0	07-Oct-16	07-Oct-16
04122-LE-160	Substantial Completion - Bridge 04122	0	07-Oct-16	07-Oct-16
04174-LE-160	Substantial Completion - Bridge 04174	0	11-Oct-17	11-Oct-17
04177-LE-160	Substantial Completion - Bridge 04177	0	04-Aug-16	04-Aug-16
04196-LE-160	Substantial Completion - Bridge 04196	0	16-Nov-16	16-Nov-16
04386-LE-160	Substantial Completion - Bridge 04386	0	28-Jul-17	28-Jul-17
04900-LE-160	Substantial Completion - Bridge 04900	0	16-Nov-16	16-Nov-16
04946-LE-160	Substantial Completion - Bridge 04946	0	06-Sep-17	06-Sep-17
04953-LE-160	Substantial Completion - Bridge 04953	0	16-Sep-16	16-Sep-16
04957-LE-160	Substantial Completion - Bridge 04957	0	03-Nov-16	03-Nov-16
05147-LE-160	Substantial Completion - Bridge 05147	0	13-Sep-16	13-Sep-16
05699-LE-160	Substantial Completion - Bridge 05699	0	11-Oct-17	11-Oct-17
05702-LE-160	Substantial Completion - Bridge 05702	0	19-Sep-16	19-Sep-16
05709-LE-160	Substantial Completion - Bridge 05709	0	27-Jul-17	27-Jul-17
05763-LE-160	Substantial Completion - Bridge 05763	0	12-Jul-17	12-Jul-17
05883-LE-160	Substantial Completion - Bridge 05883	0	02-Aug-16	02-Aug-16
06074-LE-160	Substantial Completion - Bridge 06074	0	31-Aug-17	31-Aug-17
06104-LE-160	Substantial Completion - Bridge 06074	0	29-Dec-15	29-Dec-15
06136-LE-160	Substantial Completion - Bridge 06136	0	19-Aug-16	19-Aug-16
06164-LE-160	Substantial Completion - Bridge 06164	0	16-Nov-16	16-Nov-16
06191-LE-160	Substantial Completion - Bridge 06191	0	17-Oct-16	17-Oct-16
06193-LE-160	Substantial Completion - Bridge 06193	0	29-Dec-15	29-Dec-15
06203-LE-160	Substantial Completion - Bridge 06203	0	20-Oct-15	20-Oct-15
06216-LE-160	Substantial Completion - Bridge 06216	0	03-Dec-15	03-Dec-15
06224-LE-160	Substantial Completion - Bridge 06224	0	26-Nov-15	26-Nov-15
06227-LE-160	Substantial Completion - Bridge 06227	0	03-Dec-15	03-Dec-15
06348-LE-160	Substantial Completion - Bridge 06348	0	15-Nov-17	15-Nov-17
06476-LE-160	Substantial Completion - Bridge 06476	0	31-Oct-16	31-Oct-16
07262-LE-160	Substantial Completion - Bridge 07262	0	12-Aug-16	12-Aug-16
07834-LE-160	Substantial Completion - Bridge 07834	0	05-Sep-16	05-Sep-16
07925-LE-160	Substantial Completion - Bridge 07925	0	13-Sep-17	13-Sep-17
07935-LE-160	Substantial Completion - Bridge 07935	0	14-Dec-15	14-Dec-15
08016-LE-160	Substantial Completion - Bridge 08016	0	21-Jun-17	21-Jun-17
08025-LE-160	Substantial Completion - Bridge 08025	0	17-Aug-16	17-Aug-16
08061-LE-160	Substantial Completion - Bridge 08061	0	10-Nov-16	10-Nov-16
08071-LE-160	Substantial Completion - Bridge 08071	0	07-Sep-16	07-Sep-16
08073-LE-160	Substantial Completion - Bridge 08073	0	13-Aug-16	13-Aug-16
08104-LE-160	Substantial Completion - Bridge 08104	0	17-Aug-17	17-Aug-17
08113-LE-160	Substantial Completion - Bridge 08113	0	16-Sep-16	16-Sep-16
08334-LE-160	Substantial Completion - Bridge 08334	0	16-Aug-17	16-Aug-17
08424-LE-160	Substantial Completion - Bridge 08424	0	27-Jun-16	27-Jun-16
08425-LE-160	Substantial Completion - Bridge 08425	0	07-Oct-16	07-Oct-16
08580-LE-160	Substantial Completion - Bridge 08580	0	15-Sep-17	15-Sep-17
08831-LE-160	Substantial Completion - Bridge 08831	0	23-Aug-16	23-Aug-16



Remaining Level of Effort
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Pennsylvannia

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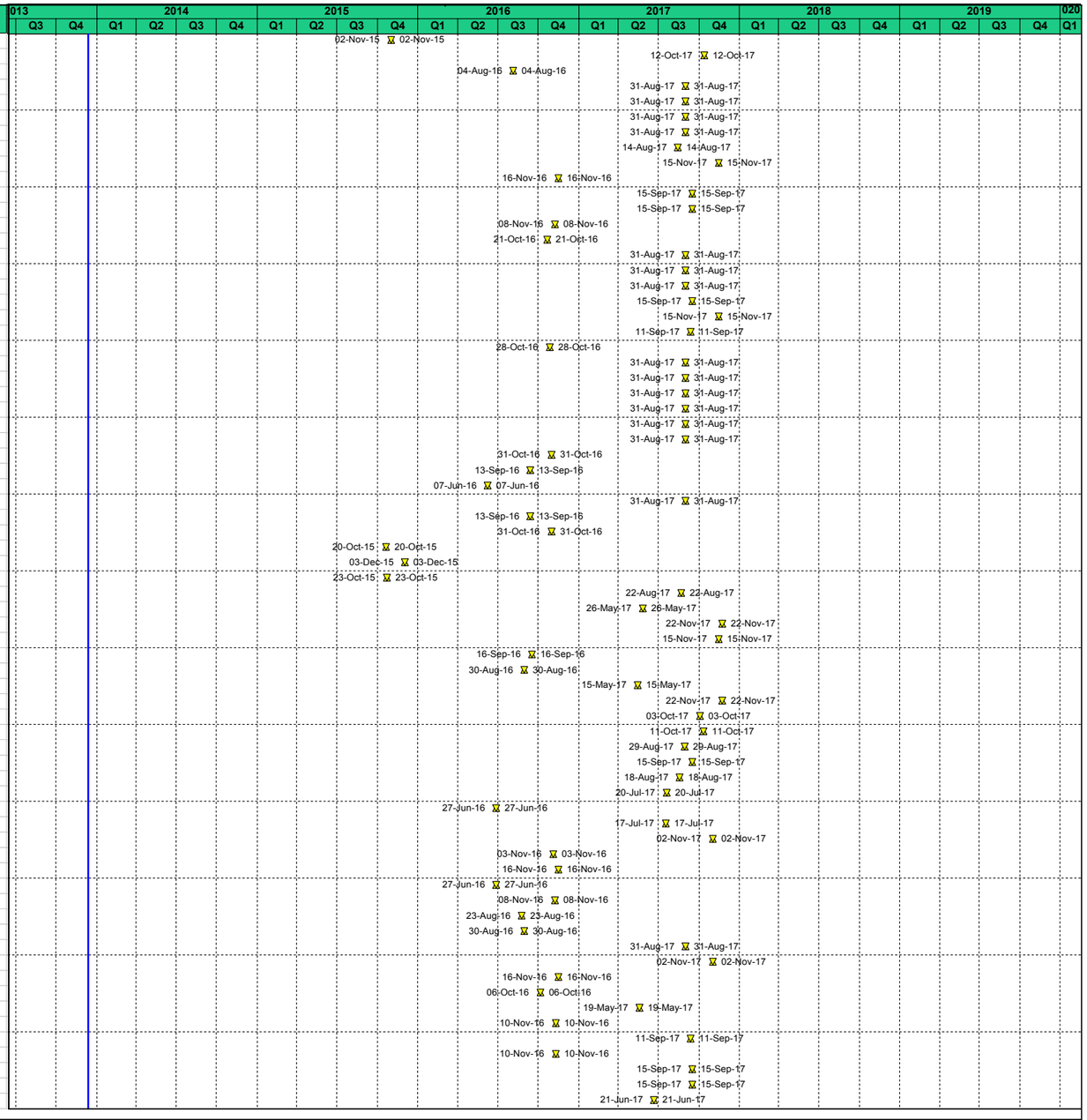
Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
08994-LE-160	Substantial Completion - Bridge 08994	0	02-Nov-15	02-Nov-15
09104-LE-160	Substantial Completion - Bridge 09104	0	12-Oct-17	12-Oct-17
09265-LE-160	Substantial Completion - Bridge 09265	0	04-Aug-16	04-Aug-16
09360-LE-160	Substantial Completion - Bridge 09360	0	31-Aug-17	31-Aug-17
09431-LE-160	Substantial Completion - Bridge 09431	0	31-Aug-17	31-Aug-17
09434-LE-160	Substantial Completion - Bridge 09434	0	31-Aug-17	31-Aug-17
09451-LE-160	Substantial Completion - Bridge 09451	0	31-Aug-17	31-Aug-17
09576-LE-160	Substantial Completion - Bridge 09576	0	14-Aug-17	14-Aug-17
09577-LE-160	Substantial Completion - Bridge 09577	0	15-Nov-17	15-Nov-17
09679-LE-160	Substantial Completion - Bridge 09679	0	16-Nov-16	16-Nov-16
09778-LE-160	Substantial Completion - Bridge 09778	0	15-Sep-17	15-Sep-17
09790-LE-160	Substantial Completion - Bridge 09790	0	15-Sep-17	15-Sep-17
10497-LE-160	Substantial Completion - Bridge 10497	0	08-Nov-16	08-Nov-16
10599-LE-160	Substantial Completion - Bridge 10599	0	21-Oct-16	21-Oct-16
10975-LE-160	Substantial Completion - Bridge 10975	0	31-Aug-17	31-Aug-17
10996-LE-160	Substantial Completion - Bridge 10996	0	31-Aug-17	31-Aug-17
10997-LE-160	Substantial Completion - Bridge 10997	0	31-Aug-17	31-Aug-17
11042-LE-160	Substantial Completion - Bridge 11042	0	15-Sep-17	15-Sep-17
11049-LE-160	Substantial Completion - Bridge 11049	0	15-Nov-17	15-Nov-17
11088-LE-160	Substantial Completion - Bridge 11088	0	11-Sep-17	11-Sep-17
11245-LE-160	Substantial Completion - Bridge 11245	0	28-Oct-16	28-Oct-16
11390-LE-160	Substantial Completion - Bridge 11390	0	31-Aug-17	31-Aug-17
11399-LE-160	Substantial Completion - Bridge 11399	0	31-Aug-17	31-Aug-17
11403-LE-160	Substantial Completion - Bridge 11403	0	31-Aug-17	31-Aug-17
11404-LE-160	Substantial Completion - Bridge 11404	0	31-Aug-17	31-Aug-17
11454-LE-160	Substantial Completion - Bridge 11454	0	31-Aug-17	31-Aug-17
11461-LE-160	Substantial Completion - Bridge 11461	0	31-Aug-17	31-Aug-17
11658-LE-160	Substantial Completion - Bridge 11658	0	31-Oct-16	31-Oct-16
11698-LE-160	Substantial Completion - Bridge 11698	0	13-Sep-16	13-Sep-16
11807-LE-160	Substantial Completion - Bridge 11807	0	07-Jun-16	07-Jun-16
12163-LE-160	Substantial Completion - Bridge 12163	0	31-Aug-17	31-Aug-17
12239-LE-160	Substantial Completion - Bridge 12239	0	13-Sep-16	13-Sep-16
12486-LE-160	Substantial Completion - Bridge 12486	0	31-Oct-16	31-Oct-16
12555-LE-160	Substantial Completion - Bridge 12555	0	20-Oct-15	20-Oct-15
12592-LE-160	Substantial Completion - Bridge 12592	0	03-Dec-15	03-Dec-15
12738-LE-160	Substantial Completion - Bridge 12738	0	23-Oct-15	23-Oct-15
12879-LE-160	Substantial Completion - 12879	0	22-Aug-17	22-Aug-17
12902-LE-160	Substantial Completion - Bridge 12902	0	26-May-17	26-May-17
13027-LE-160	Substantial Completion - Bridge 13027	0	22-Nov-17	22-Nov-17
13084-LE-160	Substantial Completion - Bridge 13084	0	15-Nov-17	15-Nov-17
13122-LE-160	Substantial Completion - Bridge 13122	0	16-Sep-16	16-Sep-16
13128-LE-160	Substantial Completion - Bridge 13128	0	30-Aug-16	30-Aug-16
13367-LE-160	Substantial Completion - Bridge 13367	0	15-May-17	15-May-17
13564-LE-160	Substantial Completion - Bridge 13564	0	22-Nov-17	22-Nov-17
13616-LE-160	Substantial Completion - Bridge 13616	0	03-Oct-17	03-Oct-17
13735-LE-160	Substantial Completion - Bridge 13735	0	11-Oct-17	11-Oct-17
13741-LE-160	Substantial Completion - Bridge 13741	0	29-Aug-17	29-Aug-17
13824-LE-160	Substantial Completion - Bridge 13824	0	15-Sep-17	15-Sep-17
13896-LE-160	Substantial Completion - Bridge 13896	0	18-Aug-17	18-Aug-17
13897-LE-160	Substantial Completion - Bridge 13897	0	20-Jul-17	20-Jul-17
13946-LE-160	Substantial Completion - Bridge 13946	0	27-Jun-16	27-Jun-16
13948-LE-160	Substantial Completion - Bridge 13948	0	17-Jul-17	17-Jul-17
13961-LE-160	Substantial Completion - Bridge 13961	0	02-Nov-17	02-Nov-17
14441-LE-160	Substantial Completion - Bridge 14441	0	03-Nov-16	03-Nov-16
14481-LE-160	Substantial Completion - Bridge 14481	0	16-Nov-16	16-Nov-16
14578-LE-160	Substantial Completion - Bridge 14578	0	27-Jun-16	27-Jun-16
15002-LE-160	Substantial Completion - Bridge 15002	0	08-Nov-16	08-Nov-16
15531-LE-160	Substantial Completion - 15531	0	23-Aug-16	23-Aug-16
15535-LE-160	Substantial Completion - Bridge 15535	0	30-Aug-16	30-Aug-16
15560-LE-160	Substantial Completion - Bridge 15560	0	31-Aug-17	31-Aug-17
16373-LE-160	Substantial Completion - Bridge 16373	0	02-Nov-17	02-Nov-17
16651-LE-160	Substantial Completion - Bridge 16651	0	16-Nov-16	16-Nov-16
16673-LE-160	Substantial Completion - Bridge 16673	0	06-Oct-16	06-Oct-16
16713-LE-160	Substantial Completion - Bridge 16713	0	19-May-17	19-May-17
16720-LE-160	Substantial Completion - Bridge 16720	0	10-Nov-16	10-Nov-16
16725-LE-160	Substantial Completion - Bridge 16725	0	11-Sep-17	11-Sep-17
16736-LE-160	Substantial Completion - Bridge 16739	0	10-Nov-16	10-Nov-16
16752-LE-160	Substantial Completion - Bridge 16752	0	15-Sep-17	15-Sep-17
16757-LE-160	Substantial Completion - Bridge 16757	0	15-Sep-17	15-Sep-17
16758-LE-160	Substantial Completion - Bridge 16758	0	21-Jun-17	21-Jun-17



Remaining Level of Effort
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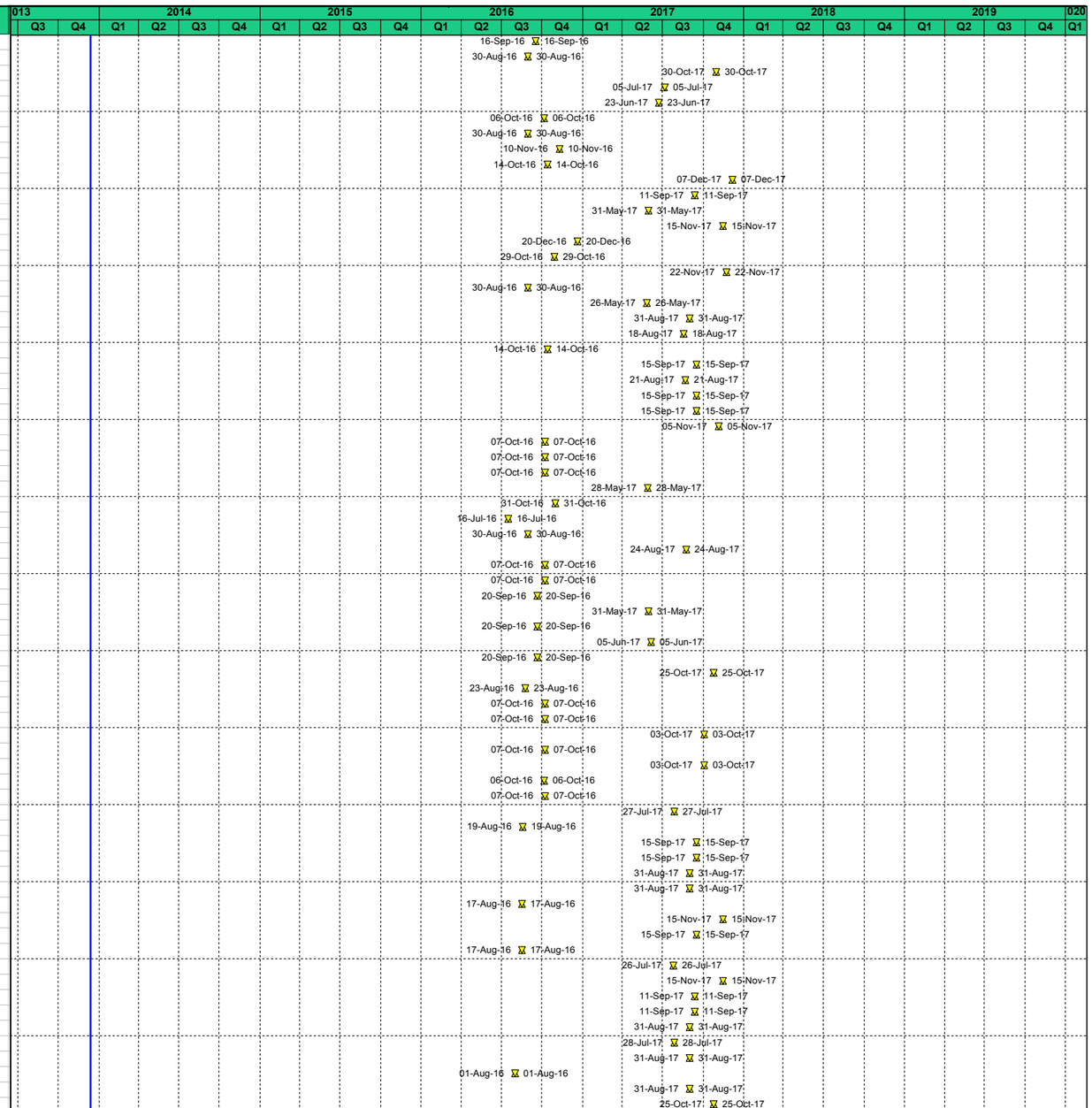
Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
16782-LE-160	Substantial Completion - Bridge 16782	0	16-Sep-16	16-Sep-16
16789-LE-160	Substantial Completion - Bridge 16789	0	30-Aug-16	30-Aug-16
16794-LE-160	Substantial Completion - Bridge 16794	0	30-Oct-17	30-Oct-17
16806-LE-160	Substantial Completion - Bridge 16806	0	05-Jul-17	05-Jul-17
16827-LE-160	Substantial Completion - Bridge 16827	0	23-Jun-17	23-Jun-17
16840-LE-160	Substantial Completion - Bridge 16840	0	06-Oct-16	06-Oct-16
16841-LE-160	Substantial Completion - Bridge 16841	0	30-Aug-16	30-Aug-16
16868-LE-160	Substantial Completion - Bridge 16868	0	10-Nov-16	10-Nov-16
16910-LE-160	Substantial Completion - Bridge 16910	0	14-Oct-16	14-Oct-16
16920-LE-160	Substantial Completion - Bridge 16920	0	07-Dec-17	07-Dec-17
16922-LE-160	Substantial Completion - Bridge 16922	0	11-Sep-17	11-Sep-17
16923-LE-160	Substantial Completion - Bridge 16923	0	31-May-17	31-May-17
16928-LE-160	Substantial Completion - Bridge 16928	0	15-Nov-17	15-Nov-17
16930-LE-160	Substantial Completion - Bridge 16930	0	20-Dec-16	20-Dec-16
17052-LE-160	Substantial Completion - Bridge 17052	0	29-Oct-16	29-Oct-16
17195-LE-160	Substantial Completion - Bridge 17195	0	22-Nov-17	22-Nov-17
17207-LE-160	Substantial Completion - Bridge 17207	0	30-Aug-16	30-Aug-16
17208-LE-160	Substantial Completion - Bridge 17208	0	26-May-17	26-May-17
17209-LE-160	Substantial Completion - Bridge 17209	0	31-Aug-17	31-Aug-17
17407-LE-160	Substantial Completion - Bridge 17407	0	18-Aug-17	18-Aug-17
17408-LE-160	Substantial Completion - Bridge 17408	0	14-Oct-16	14-Oct-16
17471-LE-160	Substantial Completion - Bridge 17471	0	15-Sep-17	15-Sep-17
17592-LE-160	Substantial Completion - Bridge 17592	0	21-Aug-17	21-Aug-17
17593-LE-160	Substantial Completion - Bridge 17593	0	15-Sep-17	15-Sep-17
17813-LE-160	Substantial Completion - Bridge 17813	0	15-Sep-17	15-Sep-17
17826-LE-160	Substantial Completion - Bridge 17826	0	05-Nov-17	05-Nov-17
17827-LE-160	Substantial Completion - Bridge 17827	0	07-Oct-16	07-Oct-16
17828-LE-160	Substantial Completion - Bridge 17828	0	07-Oct-16	07-Oct-16
17832-LE-160	Substantial Completion - Bridge 17832	0	07-Oct-16	07-Oct-16
17850-LE-160	Substantial Completion - Bridge 17850	0	28-May-17	28-May-17
17853-LE-160	Substantial Completion - Bridge 17853	0	31-Oct-16	31-Oct-16
17873-LE-160	Substantial Completion - Bridge 17873	0	16-Jul-16	16-Jul-16
18013-LE-160	Substantial Completion - Bridge 18013	0	30-Aug-16	30-Aug-16
18044-LE-160	Substantial Completion - Bridge 18044	0	24-Aug-17	24-Aug-17
18154-LE-160	Substantial Completion - Bridge 18154	0	07-Oct-16	07-Oct-16
18164-LE-160	Substantial Completion - Bridge 18164	0	07-Oct-16	07-Oct-16
18214-LE-160	Substantial Completion - Bridge 18214	0	20-Sep-16	20-Sep-16
18222-LE-160	Substantial Completion - Bridge 18222	0	31-May-17	31-May-17
18261-LE-160	Substantial Completion - Bridge 18261	0	20-Sep-16	20-Sep-16
18279-LE-160	Substantial Completion - Bridge 18279	0	05-Jun-17	05-Jun-17
18287-LE-160	Substantial Completion - Bridge 18287	0	20-Sep-16	20-Sep-16
18315-LE-160	Substantial Completion - Bridge 18315	0	25-Oct-17	25-Oct-17
18317-LE-160	Substantial Completion - Bridge 18317	0	23-Aug-16	23-Aug-16
18351-LE-160	Substantial Completion - Bridge 18351	0	07-Oct-16	07-Oct-16
18403-LE-160	Substantial Completion - Bridge 18403	0	07-Oct-16	07-Oct-16
18576-LE-160	Substantial Completion - Bridge 18576	0	03-Oct-17	03-Oct-17
18601-LE-160	Substantial Completion - Bridge 18601	0	07-Oct-16	07-Oct-16
18603-LE-160	Substantial Completion - Bridge 18603	0	03-Oct-17	03-Oct-17
18703-LE-160	Substantial Completion - Bridge 18703	0	06-Oct-16	06-Oct-16
18742-LE-160	Substantial Completion - Bridge 18742	0	07-Oct-16	07-Oct-16
18773-LE-160	Substantial Completion - Bridge 18773	0	27-Jul-17	27-Jul-17
18784-LE-160	Substantial Completion - Bridge 18784	0	19-Aug-16	19-Aug-16
18785-LE-160	Substantial Completion - Bridge 18785	0	15-Sep-17	15-Sep-17
18881-LE-160	Substantial Completion - Bridge 18881	0	15-Sep-17	15-Sep-17
19087-LE-160	Substantial Completion - Bridge 19087	0	31-Aug-17	31-Aug-17
19183-LE-160	Substantial Completion - Bridge 19183	0	31-Aug-17	31-Aug-17
19200-LE-160	Substantial Completion - Bridge 19200	0	17-Aug-16	17-Aug-16
19320-LE-160	Substantial Completion - Bridge 19320	0	15-Nov-17	15-Nov-17
19392-LE-160	Substantial Completion - Bridge 19392	0	15-Sep-17	15-Sep-17
19550-LE-160	Substantial Completion - Bridge 19550	0	17-Aug-16	17-Aug-16
19699-LE-160	Substantial Completion - Bridge 19699	0	26-Jul-17	26-Jul-17
19708-LE-160	Substantial Completion - Bridge 19708	0	15-Nov-17	15-Nov-17
19737-LE-160	Substantial Completion - Bridge 19737	0	11-Sep-17	11-Sep-17
19807-LE-160	Substantial Completion - Bridge 19807	0	11-Sep-17	11-Sep-17
19992-LE-160	Substantial Completion - Bridge 19992	0	31-Aug-17	31-Aug-17
20021-LE-160	Substantial Completion - Bridge 20021	0	28-Jul-17	28-Jul-17
20106-LE-160	Substantial Completion - Bridge 20106	0	31-Aug-17	31-Aug-17
20118-LE-160	Substantial Completion - Bridge 20118	0	01-Aug-16	01-Aug-16
20137-LE-160	Substantial Completion - 20137	0	31-Aug-17	31-Aug-17
20147-LE-160	Substantial Completion - Bridge 20147	0	25-Oct-17	25-Oct-17



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Pennsylvania

Rapid Bridge Replacement Project

PBS-1

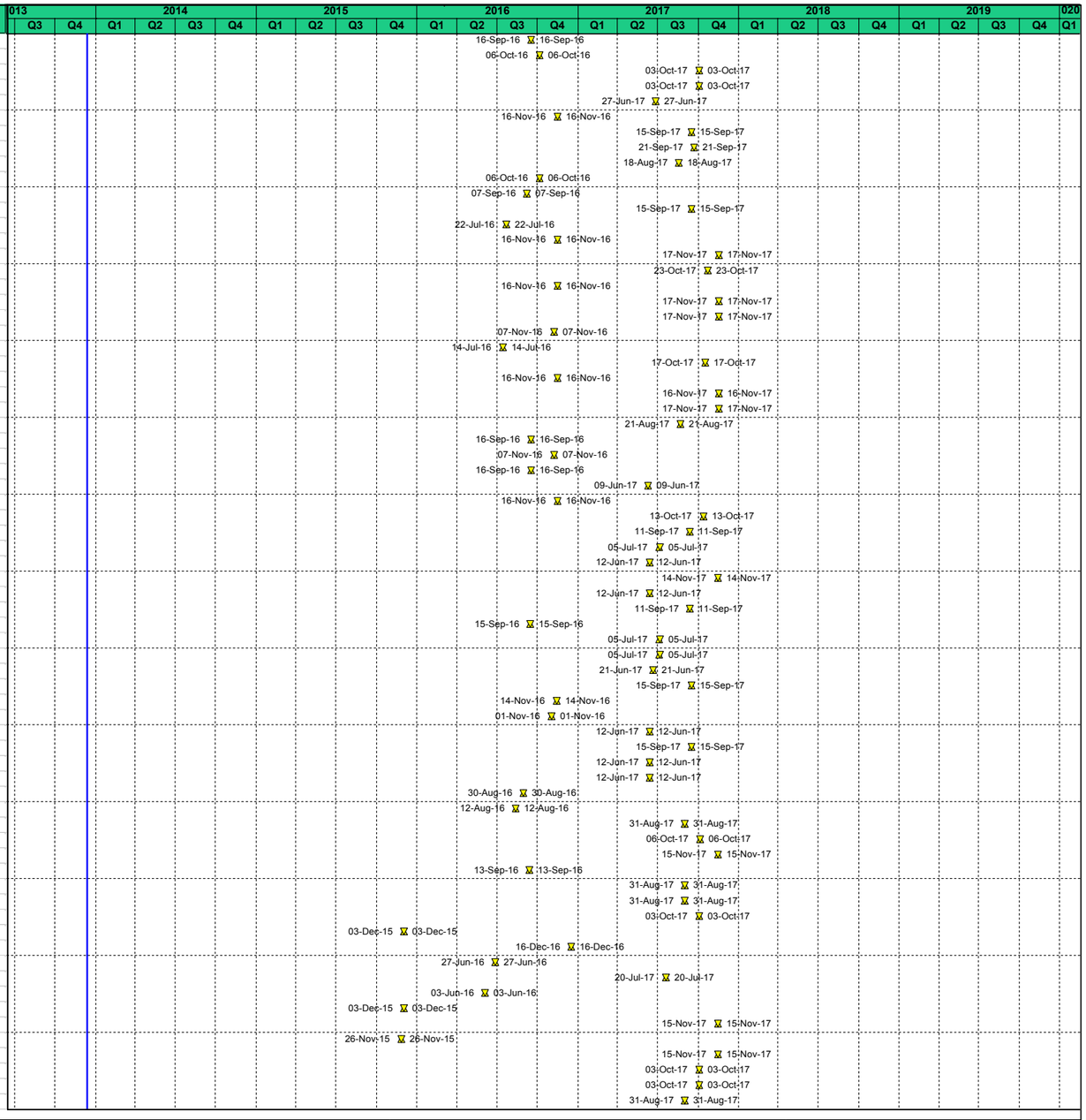
Printed on 26-Sep-14 at 09:10

Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
20820-LE-160	Substantial Completion - Bridge 20820	0	16-Sep-16	16-Sep-16
20976-LE-160	Substantial Completion - Bridge 20976	0	06-Oct-16	06-Oct-16
21043-LE-160	Substantial Completion - Bridge 21043	0	03-Oct-17	03-Oct-17
21196-LE-160	Substantial Completion - Bridge 21196	0	03-Oct-17	03-Oct-17
21237-LE-160	Substantial Completion - Bridge 21237	0	27-Jun-17	27-Jun-17
21238-LE-160	Substantial Completion - Bridge 21238	0	16-Nov-16	16-Nov-16
21251-LE-160	Substantial Completion - Bridge 21251	0	15-Sep-17	15-Sep-17
21277-LE-160	Substantial Completion - Bridge 21277	0	21-Sep-17	21-Sep-17
21292-LE-160	Substantial Completion - Bridge 21292	0	18-Aug-17	18-Aug-17
21326-LE-160	Substantial Completion - Bridge 21326	0	06-Oct-16	06-Oct-16
21403-LE-160	Substantial Completion - Bridge 21403	0	07-Sep-16	07-Sep-16
21409-LE-160	Substantial Completion - Bridge 21409	0	15-Sep-17	15-Sep-17
21415-LE-160	Substantial Completion - Bridge 21415	0	22-Jul-16	22-Jul-16
21417-LE-160	Substantial Completion - Bridge 21417	0	16-Nov-16	16-Nov-16
21439-LE-160	Substantial Completion - Bridge 21439	0	17-Nov-17	17-Nov-17
21446-LE-160	Substantial Completion - Bridge 21446	0	23-Oct-17	23-Oct-17
21454-LE-160	Substantial Completion - Bridge 21454	0	16-Nov-16	16-Nov-16
21459-LE-160	Substantial Completion - Bridge 21459	0	17-Nov-17	17-Nov-17
21474-LE-160	Substantial Completion - Bridge 21474	0	17-Nov-17	17-Nov-17
21482-LE-160	Substantial Completion - Bridge 21482	0	07-Nov-16	07-Nov-16
21487-LE-160	Substantial Completion - Bridge 21487	0	14-Jul-16	14-Jul-16
21514-LE-160	Substantial Completion - Bridge 21514	0	17-Oct-17	17-Oct-17
21518-LE-160	Substantial Completion - Bridge 21518	0	16-Nov-16	16-Nov-16
21533-LE-160	Substantial Completion - Bridge 21533	0	16-Nov-17	16-Nov-17
21536-LE-160	Substantial Completion - Bridge 21536	0	17-Nov-17	17-Nov-17
21545-LE-160	Substantial Completion - Bridge 21545	0	21-Aug-17	21-Aug-17
21558-LE-160	Substantial Completion - Bridge 21558	0	16-Sep-16	16-Sep-16
21559-LE-160	Substantial Completion - Bridge 21559	0	07-Nov-16	07-Nov-16
21595-LE-160	Substantial Completion - Bridge 21595	0	16-Sep-16	16-Sep-16
21601-LE-160	Substantial Completion - Bridge 21601	0	09-Jun-17	09-Jun-17
21637-LE-160	Substantial Completion - Bridge 21637	0	16-Nov-16	16-Nov-16
21662-LE-160	Substantial Completion - Bridge 21662	0	13-Oct-17	13-Oct-17
22262-LE-160	Substantial Completion - Bridge 22262	0	11-Sep-17	11-Sep-17
22265-LE-160	Substantial Completion - Bridge 22265	0	05-Jul-17	05-Jul-17
22269-LE-160	Substantial Completion - Bridge 22269	0	12-Jun-17	12-Jun-17
22277-LE-160	Substantial Completion - Bridge 22277	0	14-Nov-17	14-Nov-17
22281-LE-160	Substantial Completion - Bridge 22281	0	12-Jun-17	12-Jun-17
22358-LE-160	Substantial Completion - Bridge 22358	0	11-Sep-17	11-Sep-17
22359-LE-160	Substantial Completion - Bridge 22359	0	15-Sep-16	15-Sep-16
22362-LE-160	Substantial Completion - Bridge 22362	0	05-Jul-17	05-Jul-17
22369-LE-160	Substantial Completion - Bridge 22369	0	05-Jul-17	05-Jul-17
22374-LE-160	Substantial Completion - Bridge 22374	0	21-Jun-17	21-Jun-17
22378-LE-160	Substantial Completion - Bridge 22378	0	15-Sep-17	15-Sep-17
22379-LE-160	Substantial Completion - Bridge 22379	0	14-Nov-16	14-Nov-16
22396-LE-160	Substantial Completion - Bridge 22396	0	01-Nov-16	01-Nov-16
22416-LE-160	Substantial Completion - Bridge 22416	0	12-Jun-17	12-Jun-17
22433-LE-160	Substantial Completion - Bridge 22433	0	15-Sep-17	15-Sep-17
22439-LE-160	Substantial Completion - Bridge 22439	0	12-Jun-17	12-Jun-17
22441-LE-160	Substantial Completion - Bridge 22441	0	12-Jun-17	12-Jun-17
22455-LE-160	Substantial Completion - Bridge 22455	0	30-Aug-16	30-Aug-16
22812-LE-160	Substantial Completion - Bridge 22812	0	12-Aug-16	12-Aug-16
23136-LE-160	Substantial Completion - Bridge 23136	0	31-Aug-17	31-Aug-17
23144-LE-160	Substantial Completion - Bridge 23144	0	06-Oct-17	06-Oct-17
23228-LE-160	Substantial Completion - Bridge 23228	0	15-Nov-17	15-Nov-17
23330-LE-160	Substantial Completion - Bridge 23330	0	13-Sep-16	13-Sep-16
23795-LE-160	Substantial Completion - Bridge 23795	0	31-Aug-17	31-Aug-17
24493-LE-160	Substantial Completion - Bridge 24493	0	31-Aug-17	31-Aug-17
24511-LE-160	Substantial Completion - Bridge 24511	0	03-Oct-17	03-Oct-17
24566-LE-160	Substantial Completion - Bridge 24566	0	03-Dec-15	03-Dec-15
24591-LE-160	Substantial Completion - 24591	0	16-Dec-16	16-Dec-16
24603-LE-160	Substantial Completion - Bridge 24603	0	27-Jun-16	27-Jun-16
24748-LE-160	Substantial Completion - Bridge 24748	0	20-Jul-17	20-Jul-17
24751-LE-160	Substantial Completion - Bridge 24751	0	03-Jun-16	03-Jun-16
24850-LE-160	Substantial Completion - Bridge 24850	0	03-Dec-15	03-Dec-15
24881-LE-160	Substantial Completion - Bridge 24881	0	15-Nov-17	15-Nov-17
24928-LE-160	Substantial Completion - Bridge 24928	0	26-Nov-15	26-Nov-15
24938-LE-160	Substantial Completion - Bridge 24938	0	15-Nov-17	15-Nov-17
25213-LE-160	Substantial Completion - Bridge 25213	0	03-Oct-17	03-Oct-17
25216-LE-160	Substantial Completion - Bridge 25216	0	03-Oct-17	03-Oct-17
25243-LE-160	Substantial Completion - Bridge 25243	0	31-Aug-17	31-Aug-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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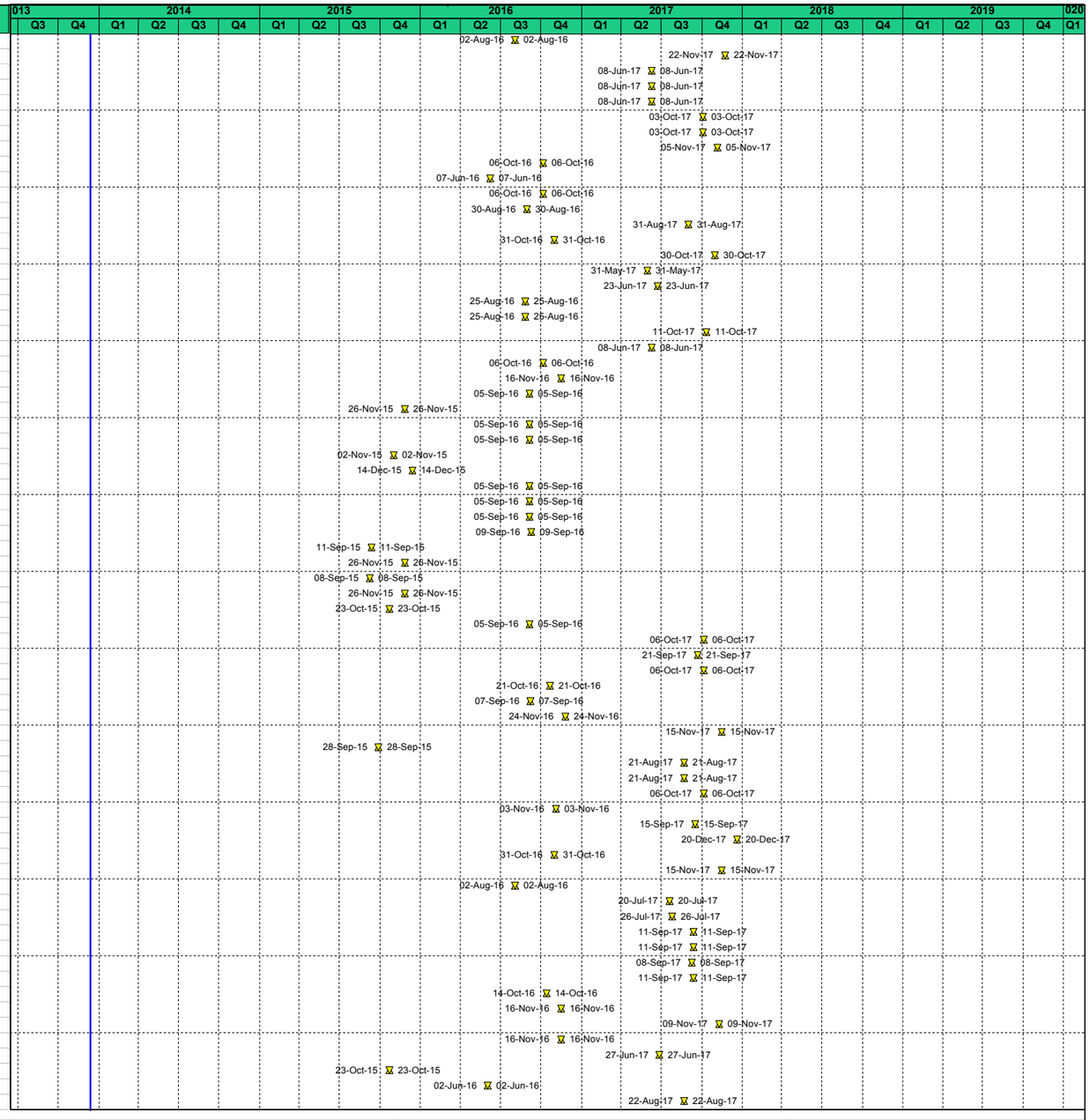
Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
25281-LE-160	Substantial Completion - Bridge 25281	0	02-Aug-16	02-Aug-16
25297-LE-160	Substantial Completion - Bridge 25297	0	22-Nov-17	22-Nov-17
25308-LE-160	Substantial Completion - Bridge 25308	0	08-Jun-17	08-Jun-17
25313-LE-160	Substantial Completion - Bridge 25313	0	08-Jun-17	08-Jun-17
25314-LE-160	Substantial Completion - Bridge 25314	0	08-Jun-17	08-Jun-17
25418-LE-160	Substantial Completion - Bridge 25418	0	03-Oct-17	03-Oct-17
25420-LE-160	Substantial Completion - Bridge 25420	0	03-Oct-17	03-Oct-17
25459-LE-160	Substantial Completion - Bridge 25459	0	05-Nov-17	05-Nov-17
25461-LE-160	Substantial Completion - Bridge 25461	0	06-Oct-16	06-Oct-16
25462-LE-160	Substantial Completion - Bridge 25462	0	07-Jun-16	07-Jun-16
25489-LE-160	Substantial Completion - Bridge 25489	0	06-Oct-16	06-Oct-16
25495-LE-160	Substantial Completion - Bridge 25495	0	30-Aug-16	30-Aug-16
25500-LE-160	Substantial Completion - Bridge 25500	0	31-Aug-17	31-Aug-17
25535-LE-160	Substantial Completion - Bridge 25535	0	31-Oct-16	31-Oct-16
25833-LE-160	Substantial Completion - Bridge 25833	0	30-Oct-17	30-Oct-17
25858-LE-160	Substantial Completion - Bridge 25858	0	31-May-17	31-May-17
26008-LE-160	Substantial Completion - Bridge 26008	0	23-Jun-17	23-Jun-17
26468-LE-160	Substantial Completion - Bridge 26468	0	25-Aug-16	25-Aug-16
26469-LE-160	Substantial Completion - Bridge 26469	0	25-Aug-16	25-Aug-16
26472-LE-160	Substantial Completion - Bridge 26472	0	11-Oct-17	11-Oct-17
26477-LE-160	Substantial Completion - Bridge 26477	0	08-Jun-17	08-Jun-17
26595-LE-160	Substantial Completion - Bridge 26595	0	06-Oct-16	06-Oct-16
26785-LE-160	Substantial Completion - Bridge 26785	0	16-Nov-16	16-Nov-16
26795-LE-160	Substantial Completion - Bridge 26795	0	05-Sep-16	05-Sep-16
26811-LE-160	Substantial Completion - Bridge 26811	0	26-Nov-15	26-Nov-15
26832-LE-160	Substantial Completion - Bridge 26832	0	05-Sep-16	05-Sep-16
26887-LE-160	Substantial Completion - Bridge 26887	0	05-Sep-16	05-Sep-16
26888-LE-160	Substantial Completion - Bridge 26888	0	02-Nov-15	02-Nov-15
26901-LE-160	Substantial Completion - Bridge 26901	0	14-Dec-15	14-Dec-15
26904-LE-160	Substantial Completion - Bridge 26904	0	05-Sep-16	05-Sep-16
26907-LE-160	Substantial Completion - Bridge 26907	0	05-Sep-16	05-Sep-16
26914-LE-160	Substantial Completion - Bridge 26914	0	05-Sep-16	05-Sep-16
26924-LE-160	Substantial Completion - Bridge 26924	0	09-Sep-16	09-Sep-16
26962-LE-160	Substantial Completion - Bridge 26962	0	11-Sep-15	11-Sep-15
27011-LE-160	Substantial Completion - Bridge 27011	0	26-Nov-15	26-Nov-15
27017-LE-160	Substantial Completion - 27017	0	08-Sep-15	08-Sep-15
27042-LE-160	Substantial Completion - Bridge 27042	0	26-Nov-15	26-Nov-15
27055-LE-160	Substantial Completion - Bridge 27055	0	23-Oct-15	23-Oct-15
27059-LE-160	Substantial Completion - Bridge 27059	0	05-Sep-16	05-Sep-16
27513-LE-160	Substantial Completion - Bridge 27513	0	06-Oct-17	06-Oct-17
27605-LE-160	Substantial Completion - Bridge 27605	0	21-Sep-17	21-Sep-17
27643-LE-160	Substantial Completion - Bridge 27643	0	06-Oct-17	06-Oct-17
27757-LE-160	Substantial Completion - Bridge 27757	0	21-Oct-16	21-Oct-16
27868-LE-160	Substantial Completion - Bridge 27868	0	07-Sep-16	07-Sep-16
28361-LE-160	Substantial Completion - Bridge 28361	0	24-Nov-16	24-Nov-16
28387-LE-160	Substantial Completion - Bridge 28387	0	15-Nov-17	15-Nov-17
28389-LE-160	Substantial Completion - Bridge 28389	0	28-Sep-15	28-Sep-15
28493-LE-160	Substantial Completion - Bridge 28493	0	21-Aug-17	21-Aug-17
28494-LE-160	Substantial Completion - Bridge 28494	0	21-Aug-17	21-Aug-17
28606-LE-160	Substantial Completion - Bridge 28606	0	06-Oct-17	06-Oct-17
28660-LE-160	Substantial Completion - Bridge 28660	0	03-Nov-16	03-Nov-16
28672-LE-160	Substantial Completion - Bridge 28672	0	15-Sep-17	15-Sep-17
29174-LE-160	Substantial Completion - 29174	0	20-Dec-17	20-Dec-17
29178-LE-160	Substantial Completion - Bridge 29178	0	31-Oct-16	31-Oct-16
29303-LE-160	Substantial Completion - Bridge 29303	0	15-Nov-17	15-Nov-17
29306-LE-160	Substantial Completion - Bridge 29306	0	02-Aug-16	02-Aug-16
29311-LE-160	Substantial Completion - Bridge 29311	0	20-Jul-17	20-Jul-17
29426-LE-160	Substantial Completion - Bridge 29426	0	26-Jul-17	26-Jul-17
29451-LE-160	Substantial Completion - Bridge 29451	0	11-Sep-17	11-Sep-17
29468-LE-160	Substantial Completion - Bridge 29468	0	11-Sep-17	11-Sep-17
29518-LE-160	Substantial Completion - Bridge 29518	0	08-Sep-17	08-Sep-17
29565-LE-160	Substantial Completion - Bridge 29565	0	11-Sep-17	11-Sep-17
29566-LE-160	Substantial Completion - Bridge 29566	0	14-Oct-16	14-Oct-16
29605-LE-160	Substantial Completion - Bridge 29605	0	16-Nov-16	16-Nov-16
29651-LE-160	Substantial Completion - Bridge 29651	0	09-Nov-17	09-Nov-17
29673-LE-160	Substantial Completion - Bridge 29673	0	16-Nov-16	16-Nov-16
29693-LE-160	Substantial Completion - Bridge 29693	0	27-Jun-17	27-Jun-17
29947-LE-160	Substantial Completion - Bridge 29947	0	23-Oct-15	23-Oct-15
29982-LE-160	Substantial Completion - Bridge 29982	0	02-Jun-16	02-Jun-16
30090-LE-160	Substantial Completion - Bridge 30090	0	22-Aug-17	22-Aug-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
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Summary

Pennsylvannia

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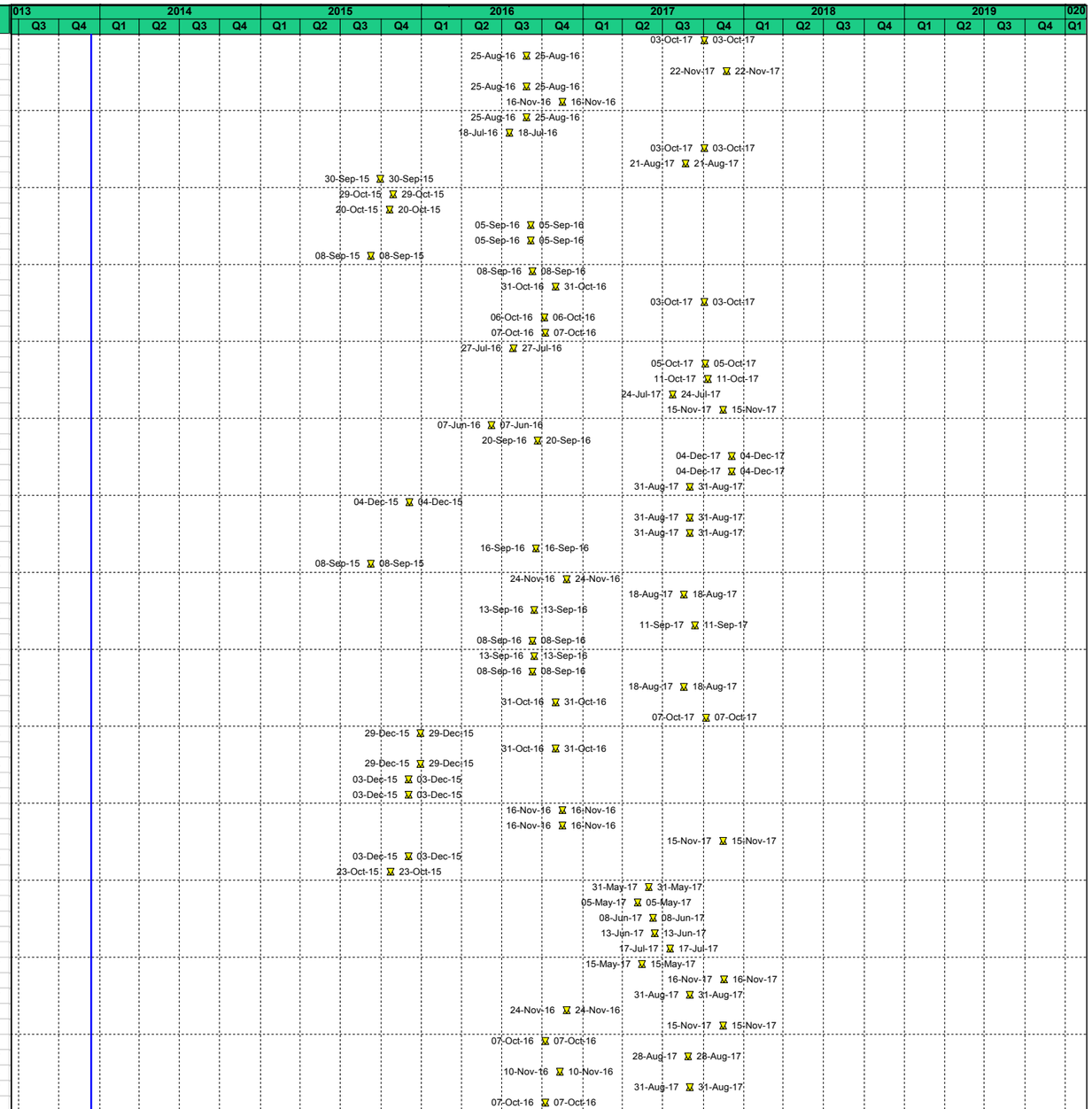
Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
30144-LE-160	Substantial Completion - Bridge 30144	0	03-Oct-17	03-Oct-17
30156-LE-160	Substantial Completion - Bridge 30156	0	25-Aug-16	25-Aug-16
30162-LE-160	Substantial Completion - Bridge 30162	0	22-Nov-17	22-Nov-17
30166-LE-160	Substantial Completion - Bridge 30166	0	25-Aug-16	25-Aug-16
30190-LE-160	Substantial Completion - Bridge 30190	0	16-Nov-16	16-Nov-16
30191-LE-160	Substantial Completion - Bridge 30191	0	25-Aug-16	25-Aug-16
30233-LE-160	Substantial Completion - Bridge 30233	0	18-Jul-16	18-Jul-16
30348-LE-160	Substantial Completion - Bridge 30348	0	03-Oct-17	03-Oct-17
30435-LE-160	Substantial Completion - Bridge 30435	0	21-Aug-17	21-Aug-17
30678-LE-160	Substantial Completion - Bridge 30678	0	30-Sep-15	30-Sep-15
30679-LE-160	Substantial Completion - Bridge 30679	0	29-Oct-15	29-Oct-15
30680-LE-160	Substantial Completion - Bridge 30680	0	20-Oct-15	20-Oct-15
30730-LE-160	Substantial Completion - Bridge 30730	0	05-Sep-16	05-Sep-16
30832-LE-160	Substantial Completion - Bridge 30832	0	05-Sep-16	05-Sep-16
30856-LE-160	Substantial Completion - 30856	0	08-Sep-15	08-Sep-15
30862-LE-160	Substantial Completion - Bridge 30862	0	08-Sep-16	08-Sep-16
31169-LE-160	Substantial Completion - Bridge 31169	0	31-Oct-16	31-Oct-16
31343-LE-160	Substantial Completion - Bridge 31343	0	03-Oct-17	03-Oct-17
31469-LE-160	Substantial Completion - Bridge 31469	0	06-Oct-16	06-Oct-16
31470-LE-160	Substantial Completion - Bridge 31470	0	07-Oct-16	07-Oct-16
31471-LE-160	Substantial Completion - Bridge 31471	0	27-Jul-16	27-Jul-16
31521-LE-160	Substantial Completion - Bridge 31521	0	05-Oct-17	05-Oct-17
31528-LE-160	Substantial Completion - Bridge 31528	0	11-Oct-17	11-Oct-17
31532-LE-160	Substantial Completion - Bridge 31532	0	24-Jul-17	24-Jul-17
31588-LE-160	Substantial Completion - Bridge 31588	0	15-Nov-17	15-Nov-17
31608-LE-160	Substantial Completion - Bridge 31608	0	07-Jun-16	07-Jun-16
31630-LE-160	Substantial Completion - Bridge 31630	0	20-Sep-16	20-Sep-16
31651-LE-160	Substantial Completion - Bridge 31651	0	04-Dec-17	04-Dec-17
31758-LE-160	Substantial Completion - Bridge 31758	0	04-Dec-17	04-Dec-17
31948-LE-160	Substantial Completion - Bridge 31948	0	31-Aug-17	31-Aug-17
31966-LE-160	Substantial Completion - Bridge 31966	0	04-Dec-15	04-Dec-15
31981-LE-160	Substantial Completion - Bridge 31981	0	31-Aug-17	31-Aug-17
32153-LE-160	Substantial Completion - Bridge 32153	0	31-Aug-17	31-Aug-17
32244-LE-160	Substantial Completion - Bridge 32244	0	16-Sep-16	16-Sep-16
32307-LE-160	Substantial Completion - Bridge 32307	0	08-Sep-15	08-Sep-15
32308-LE-160	Substantial Completion - Bridge 32308	0	24-Nov-16	24-Nov-16
32327-LE-160	Substantial Completion - Bridge 32327	0	18-Aug-17	18-Aug-17
32365-LE-160	Substantial Completion - Bridge 32365	0	13-Sep-16	13-Sep-16
32378-LE-160	Substantial Completion - Bridge 32378	0	11-Sep-17	11-Sep-17
32401-LE-160	Substantial Completion - Bridge 32401	0	08-Sep-16	08-Sep-16
32437-LE-160	Substantial Completion - Bridge 32437	0	13-Sep-16	13-Sep-16
32478-LE-160	Substantial Completion - Bridge 32478	0	08-Sep-16	08-Sep-16
32507-LE-160	Substantial Completion - Bridge 32507	0	18-Aug-17	18-Aug-17
32647-LE-160	Substantial Completion - Bridge 32647	0	31-Oct-16	31-Oct-16
32822-LE-160	Substantial Completion - Bridge 32822	0	07-Oct-17	07-Oct-17
32843-LE-160	Substantial Completion - Bridge 32843	0	29-Dec-15	29-Dec-15
32931-LE-160	Substantial Completion - Bridge 32931	0	31-Oct-16	31-Oct-16
33080-LE-160	Substantial Completion - Bridge 33080	0	29-Dec-15	29-Dec-15
33083-LE-160	Substantial Completion - Bridge 33083	0	03-Dec-15	03-Dec-15
33180-LE-160	Substantial Completion - Bridge 33180	0	03-Dec-15	03-Dec-15
33209-LE-160	Substantial Completion - Bridge 33209	0	16-Nov-16	16-Nov-16
33469-LE-160	Substantial Completion - Bridge 33469	0	16-Nov-16	16-Nov-16
33470-LE-160	Substantial Completion - Bridge 33470	0	15-Nov-17	15-Nov-17
33478-LE-160	Substantial Completion - Bridge 33478	0	03-Dec-15	03-Dec-15
33543-LE-160	Substantial Completion - Bridge 33543	0	23-Oct-15	23-Oct-15
33765-LE-160	Substantial Completion - Bridge 33765	0	31-May-17	31-May-17
33788-LE-160	Substantial Completion - 33788	0	05-May-17	05-May-17
33956-LE-160	Substantial Completion - Bridge 33956	0	08-Jun-17	08-Jun-17
33957-LE-160	Substantial Completion - Bridge 33957	0	13-Jun-17	13-Jun-17
33982-LE-160	Substantial Completion - Bridge 33982	0	17-Jul-17	17-Jul-17
34001-LE-160	Substantial Completion - Bridge 34001	0	15-May-17	15-May-17
34056-LE-160	Substantial Completion - Bridge 34056	0	16-Nov-17	16-Nov-17
34077-LE-160	Substantial Completion - Bridge 34077	0	31-Aug-17	31-Aug-17
34169-LE-160	Substantial Completion - Bridge 34169	0	24-Nov-16	24-Nov-16
34335-LE-160	Substantial Completion - Bridge 34335	0	15-Nov-17	15-Nov-17
34417-LE-160	Substantial Completion - Bridge 34417	0	07-Oct-16	07-Oct-16
34609-LE-160	Substantial Completion - Bridge 34609	0	28-Aug-17	28-Aug-17
34623-LE-160	Substantial Completion - Bridge 34623	0	10-Nov-16	10-Nov-16
34650-LE-160	Substantial Completion - Bridge 34650	0	31-Aug-17	31-Aug-17
34673-LE-160	Substantial Completion - Bridge 34673	0	07-Oct-16	07-Oct-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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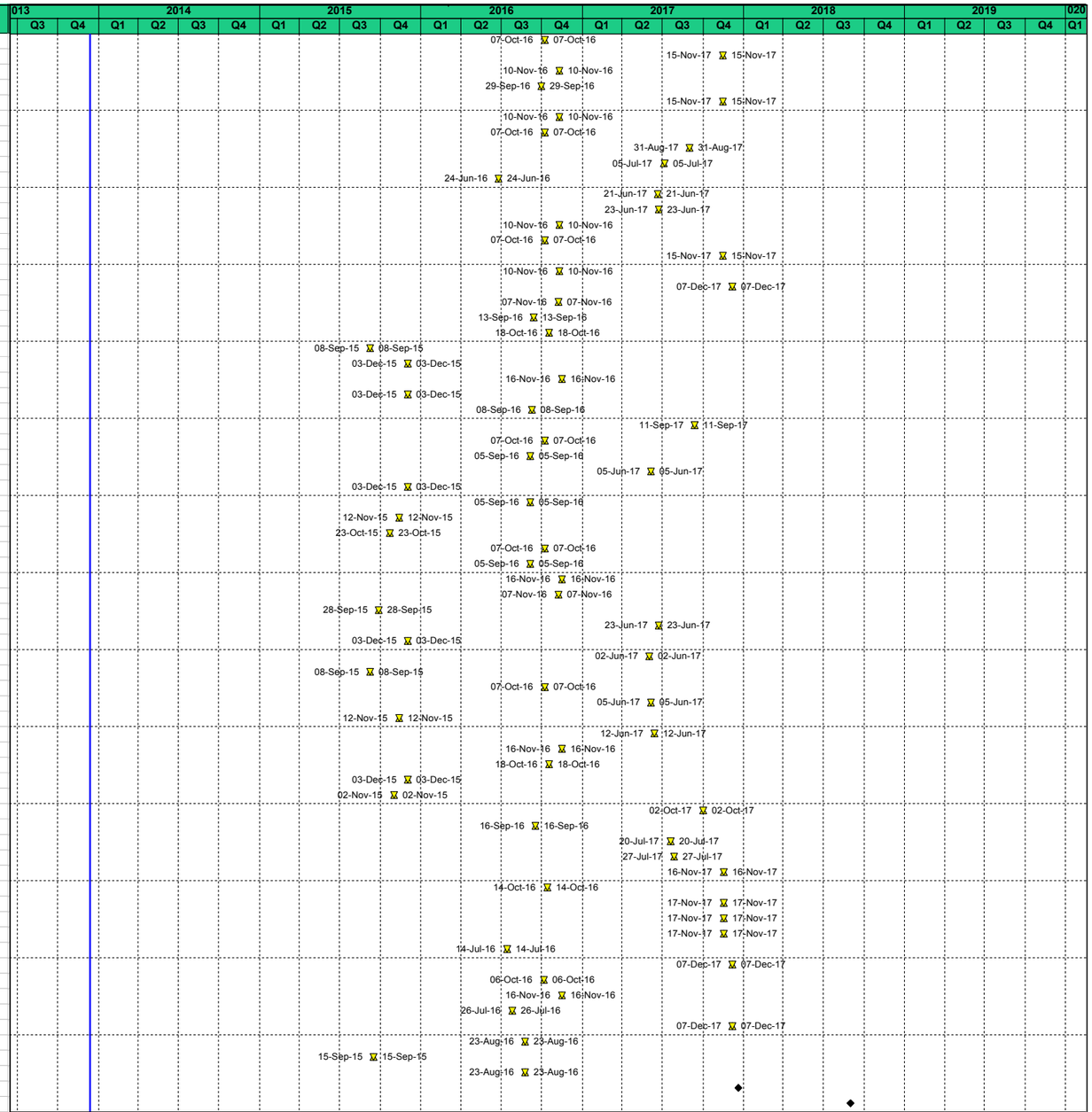
Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
34692-LE-160	Substantial Completion - Bridge 34692	0	07-Oct-16	07-Oct-16
34702-LE-160	Substantial Completion - Bridge 34702	0	15-Nov-17	15-Nov-17
34847-LE-160	Substantial Completion - Bridge 34847	0	10-Nov-16	10-Nov-16
34879-LE-160	Substantial Completion - Bridge 34879	0	29-Sep-16	29-Sep-16
34901-LE-160	Substantial Completion - Bridge 34901	0	15-Nov-17	15-Nov-17
34907-LE-160	Substantial Completion - Bridge 34907	0	10-Nov-16	10-Nov-16
34946-LE-160	Substantial Completion - Bridge 34946	0	07-Oct-16	07-Oct-16
34949-LE-160	Substantial Completion - Bridge 34949	0	31-Aug-17	31-Aug-17
34977-LE-160	Substantial Completion - Bridge 34977	0	05-Jul-17	05-Jul-17
34980-LE-160	Substantial Completion - Bridge 34980	0	24-Jun-16	24-Jun-16
34985-LE-160	Substantial Completion - Bridge 34985	0	21-Jun-17	21-Jun-17
34996-LE-160	Substantial Completion - Bridge 34996	0	23-Jun-17	23-Jun-17
35090-LE-160	Substantial Completion - Bridge 35090	0	10-Nov-16	10-Nov-16
35103-LE-160	Substantial Completion - Bridge 35103	0	07-Oct-16	07-Oct-16
35171-LE-160	Substantial Completion - Bridge 35171	0	15-Nov-17	15-Nov-17
35178-LE-160	Substantial Completion - Bridge 35178	0	10-Nov-16	10-Nov-16
35201-LE-160	Substantial Completion - Bridge 35201	0	07-Dec-17	07-Dec-17
35227-LE-160	Substantial Completion - Bridge 35227	0	07-Nov-16	07-Nov-16
35471-LE-160	Substantial Completion - Bridge 35471	0	13-Sep-16	13-Sep-16
35508-LE-160	Substantial Completion - Bridge 35508	0	18-Oct-16	18-Oct-16
35624-LE-160	Substantial Completion - Bridge 35624	0	08-Sep-15	08-Sep-15
35654-LE-160	Substantial Completion - Bridge 35654	0	03-Dec-15	03-Dec-15
35675-LE-160	Substantial Completion - Bridge 35675	0	16-Nov-16	16-Nov-16
35765-LE-160	Substantial Completion - Bridge 35765	0	03-Dec-15	03-Dec-15
35802-LE-160	Substantial Completion - Bridge 35802	0	08-Sep-16	08-Sep-16
35810-LE-160	Substantial Completion - Bridge 35810	0	11-Sep-17	11-Sep-17
35982-LE-160	Substantial Completion - Bridge 35982	0	07-Oct-16	07-Oct-16
36002-LE-160	Substantial Completion - Bridge 36002	0	05-Sep-16	05-Sep-16
36130-LE-160	Substantial Completion - Bridge 36130	0	05-Jun-17	05-Jun-17
36168-LE-160	Substantial Completion - Bridge 36168	0	03-Dec-15	03-Dec-15
36207-LE-160	Substantial Completion - Bridge 36207	0	05-Sep-16	05-Sep-16
36228-LE-160	Substantial Completion - Bridge 36228	0	12-Nov-15	12-Nov-15
36230-LE-160	Substantial Completion - Bridge 36230	0	23-Oct-15	23-Oct-15
36248-LE-160	Substantial Completion - Bridge 36248	0	07-Oct-16	07-Oct-16
36251-LE-160	Substantial Completion - Bridge 36251	0	05-Sep-16	05-Sep-16
36331-LE-160	Substantial Completion - Bridge 36331	0	16-Nov-16	16-Nov-16
36365-LE-160	Substantial Completion - Bridge 36365	0	07-Nov-16	07-Nov-16
36387-LE-160	Substantial Completion - Bridge 36387	0	28-Sep-15	28-Sep-15
36389-LE-160	Substantial Completion - Bridge 36389	0	23-Jun-17	23-Jun-17
36431-LE-160	Substantial Completion - Bridge 36431	0	03-Dec-15	03-Dec-15
36481-LE-160	Substantial Completion - Bridge 36481	0	02-Jun-17	02-Jun-17
36482-LE-160	Substantial Completion - Bridge 36482	0	08-Sep-15	08-Sep-15
36493-LE-160	Substantial Completion - Bridge 36493	0	07-Oct-16	07-Oct-16
36684-LE-160	Substantial Completion - Bridge 36684	0	05-Jun-17	05-Jun-17
36750-LE-160	Substantial Completion - Bridge 36750	0	12-Nov-15	12-Nov-15
37037-LE-160	Substantial Completion - Bridge 37037	0	12-Jun-17	12-Jun-17
37163-LE-160	Substantial Completion - Bridge 37163	0	16-Nov-16	16-Nov-16
37172-LE-160	Substantial Completion - Bridge 37172	0	18-Oct-16	18-Oct-16
37192-LE-160	Substantial Completion - Bridge 37192	0	03-Dec-15	03-Dec-15
37222-LE-160	Substantial Completion - 37222	0	02-Nov-15	02-Nov-15
37488-LE-160	Substantial Completion - Bridge 37488	0	02-Oct-17	02-Oct-17
37491-LE-160	Substantial Completion - Bridge 37491	0	16-Sep-16	16-Sep-16
37590-LE-160	Substantial Completion - Bridge 37590	0	20-Jul-17	20-Jul-17
37607-LE-160	Substantial Completion - Bridge 37607	0	27-Jul-17	27-Jul-17
37608-LE-160	Substantial Completion - Bridge 37608	0	16-Nov-17	16-Nov-17
37641-LE-160	Substantial Completion - Bridge 37641	0	14-Oct-16	14-Oct-16
37725-LE-160	Substantial Completion - Bridge 37725	0	17-Nov-17	17-Nov-17
37726-LE-160	Substantial Completion - Bridge 37726	0	17-Nov-17	17-Nov-17
37878-LE-160	Substantial Completion - Bridge 37878	0	17-Nov-17	17-Nov-17
37890-LE-160	Substantial Completion - Bridge 37890	0	14-Jul-16	14-Jul-16
37921-LE-160	Substantial Completion - Bridge 37921	0	07-Dec-17	07-Dec-17
37946-LE-160	Substantial Completion - Bridge 37946	0	06-Oct-16	06-Oct-16
37976-LE-160	Substantial Completion - Bridge 37976	0	16-Nov-16	16-Nov-16
38007-LE-160	Substantial Completion - Bridge 38007	0	26-Jul-16	26-Jul-16
38023-LE-160	Substantial Completion - Bridge 38023	0	07-Dec-17	07-Dec-17
41517-LE-160	Substantial Completion - Bridge 41517	0	23-Aug-16	23-Aug-16
42177-LE-160	Substantial Completion - Bridge 42177	0	15-Sep-15	15-Sep-15
45123-LE-160	Substantial Completion - Bridge 45123	0	23-Aug-16	23-Aug-16
RBR-CM-1110	Anticipated Substantial Completion (All Bridges)	0		20-Dec-17*
RBR-CM-1120	Required Substantial Completion (All Bridges)	0		31-Aug-18*



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

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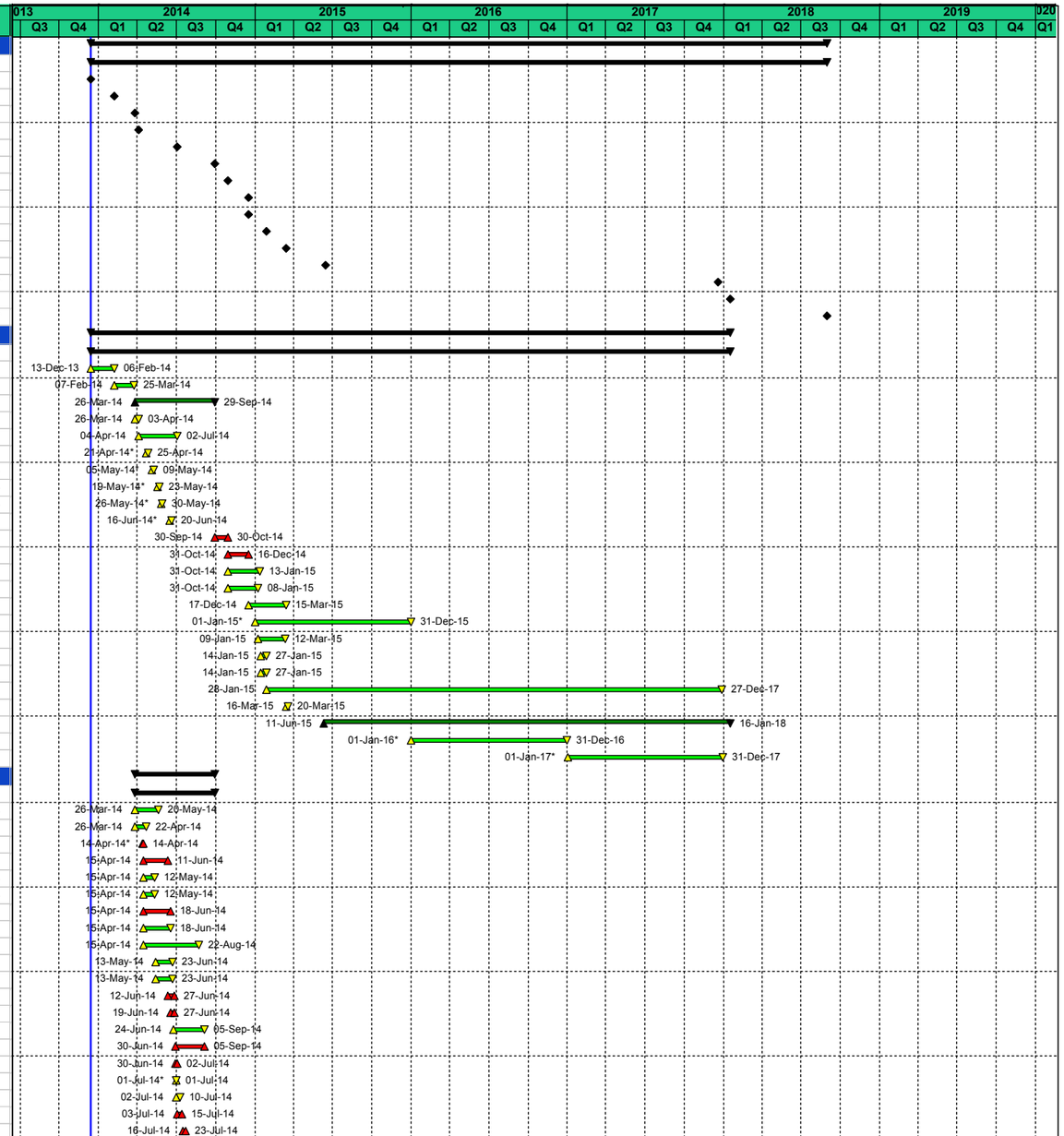
Master Schedule - Proposal - Substantial

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

SUMMARY PRELIMINARY PROJECT BASELINE SCHEDULE

Activity ID	Activity Name	Original Duration	Start	Finish
Milestones		1731	13-Dec-13 A	31-Aug-18
Milestones		1731	13-Dec-13 A	31-Aug-18
RBR-CM-1000	Issue Request for Qualifications - Solicitation 3513R08	0	13-Dec-13 A	
RBR-CM-1010	Submit Qualification Package - Plenary Walsh Keystone Partners	0		06-Feb-14
RBR-CM-1020	Issue Short List of Qualified Applicants - Penn DOT	0	26-Mar-14	
RBR-CM-1030	Issue Draft RFP to Short List of Qualified Applicants - Penn DOT	0	04-Apr-14	
RBR-CM-1040	Issue Draft-Final RFP to Short List of Qualified Applicants - Penn DOT	0	03-Jul-14	
RBR-CM-1050	Submit Proposal Package - Plenary Walsh Keystone Partners	0		29-Sep-14
RBR-CM-1060	Anticipated Award of Contract - Penn DOT	0	31-Oct-14	
RBR-CM-1070	Required Commercial Closing - Penn DOT and Plenary Walsh Keystone Partners	0		16-Dec-14
RBR-CM-1080	Anticipated Issuance of NTP1 Preliminary Work (Administrative / Planning / ROW) - Penn DOT	0	17-Dec-14	
RBR-CM-1090	Anticipated Issuance of NTP2 Interim Work (Design) - Penn DOT	0	28-Jan-15	
RBR-CM-1100	Anticipated Financial Closing - Penn DOT and Plenary Walsh Keystone Partners	0		15-Mar-15
RBR-CM-1105	Required Construction Commencement Deadline	0	15-Jun-15*	
RBR-CM-1110	Anticipated Substantial Completion (All Bridges)	0		20-Dec-17*
RBR-CM-1130	Anticipated Final Completion (All Bridges)	0		17-Jan-18
RBR-CM-1120	Required Substantial Completion (All Bridges)	0		31-Aug-18*
Administrative Items		1042	13-Dec-13	16-Jan-18
Administrative Items		1042	13-Dec-13	16-Jan-18
RBR-AD-1000	Develop Qualification Packages - Solicitation 3513R08	56	13-Dec-13	06-Feb-14
RBR-AD-1010	Review Qualification Packages / Determine Short List of Applicants - Penn DOT	47	07-Feb-14	25-Mar-14
RBR-AD-1090	Develop Proposal Package - Plenary Walsh Keystone Partners	188	26-Mar-14	29-Sep-14
RBR-AD-1020	Prepare Draft RFP for Short List of Qualified Applicants - Penn DOT	9	26-Mar-14	03-Apr-14
RBR-AD-1030	Prepare Final RFP for Short List of Qualified Applicants - Penn DOT	90	04-Apr-14	02-Jul-14
RBR-AD-1040	One-on-One Meeting - Draft RFP Documents	5	21-Apr-14*	25-Apr-14
RBR-AD-1050	One-on-One Meeting - Draft Technical Provisions	5	05-May-14*	09-May-14
RBR-AD-1060	One-on-One Meeting - Final Technical Provisions	5	19-May-14*	23-May-14
RBR-AD-1070	One-on-One Meeting - Commercial Issues	5	26-May-14*	30-May-14
RBR-AD-1080	One-on-One Meeting - Final RFP Documents	5	16-Jun-14*	20-Jun-14
RBR-AD-1100	Evaluate Proposal Packages - Penn DOT	31	30-Sep-14	30-Oct-14
RBR-AD-1110	Finalize Funding and Prepare Closing Documents	47	31-Oct-14	16-Dec-14
RBR-AD-1120	Develop and Submit Management Plans - PWKP	75	31-Oct-14	13-Jan-15
RBR-AD-1180	Regional Office Set-up (2 Locations)	50	31-Oct-14	08-Jan-15
RBR-AD-1130	Complete Items Necessary to Achieve Financial Close	89	17-Dec-14	15-Mar-15
RBR-AD-1210	Corporate Management Support - 2015	365	01-Jan-15*	31-Dec-15
RBR-AD-1190	Regional Office Set-up (1 Permanent / 1 Temporary)	45	09-Jan-15	12-Mar-15
RBR-AD-1140	Review and Approve Project Management Plan	14	14-Jan-15	27-Jan-15
RBR-AD-1150	Review and Approve Quality Management Plan (Design & Construction)	14	14-Jan-15	27-Jan-15
RBR-AD-1160	Safety / Quality / Project Management / Supervision	1065	28-Jan-15	27-Dec-17
RBR-AD-1200	Pre-Finacial Close Work / Regional Office Set-up Complete	5	16-Mar-15	20-Mar-15
RBR-AD-1170	Bridge Construction (All Bridges)	951	11-Jun-15	16-Jan-18
RBR-AD-1220	Corporate Management Support - 2016	366	01-Jan-16*	31-Dec-16
RBR-AD-1230	Corporate Management Support - 2017	365	01-Jan-17*	31-Dec-17
Proposal Development		134	26-Mar-14	29-Sep-14
Proposal Development		134	26-Mar-14	29-Sep-14
RBR-PA-1010	Develop Bid Schedule	40	26-Mar-14	20-May-14
RBR-PA-1020	Complete Site Visits to Bridges	20	26-Mar-14	22-Apr-14
RBR-PA-1000	Proposal Kick-off Meeting - Plenary Walsh Keystone Partners	1	14-Apr-14*	14-Apr-14
RBR-PA-1125	Task Force Sessions	42	15-Apr-14	11-Jun-14
RBR-PA-1030	Initial Greensheet Developed	20	15-Apr-14	12-May-14
RBR-PA-1040	Initial Completion Schedule and S-Curve Developed	20	15-Apr-14	12-May-14
RBR-PA-1050	Initial TS&L Developed	47	15-Apr-14	18-Jun-14
RBR-PA-1060	Initial Delivery Strategy Developed	47	15-Apr-14	18-Jun-14
RBR-PA-1120	Design Completion (Quantities Set)	94	15-Apr-14	22-Aug-14
RBR-PA-1070	Second Greensheet Developed	30	13-May-14	23-Jun-14
RBR-PA-1080	Preliminary Completion Schedule and S-Curve Developed	30	13-May-14	23-Jun-14
RBR-PA-1180	Develop First / Pink Draft of Proposal	12	12-Jun-14	27-Jun-14
RBR-PA-1090	Preliminary OM&R Pricing Developed	7	19-Jun-14	27-Jun-14
RBR-PA-1140	Near Final Pricing and Bridge Schedule Developed	54	24-Jun-14	05-Sep-14
RBR-PA-1130	OM&R Pre-Final Pricing Developed	50	30-Jun-14	05-Sep-14
RBR-PA-1190	Pink Team Review of Proposal	3	30-Jun-14	02-Jul-14
RBR-PA-1100	Rating Agencies and Lenders Commence Deligence	1	01-Jul-14*	01-Jul-14
RBR-PA-1110	Preliminary Lenders' Technical Advisor Report	7	02-Jul-14	10-Jul-14
RBR-PA-1200	Develop Second / Orange Draft of Proposal	9	03-Jul-14	15-Jul-14
RBR-PA-1210	Orange Team Review of Proposal	6	16-Jul-14	23-Jul-14



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

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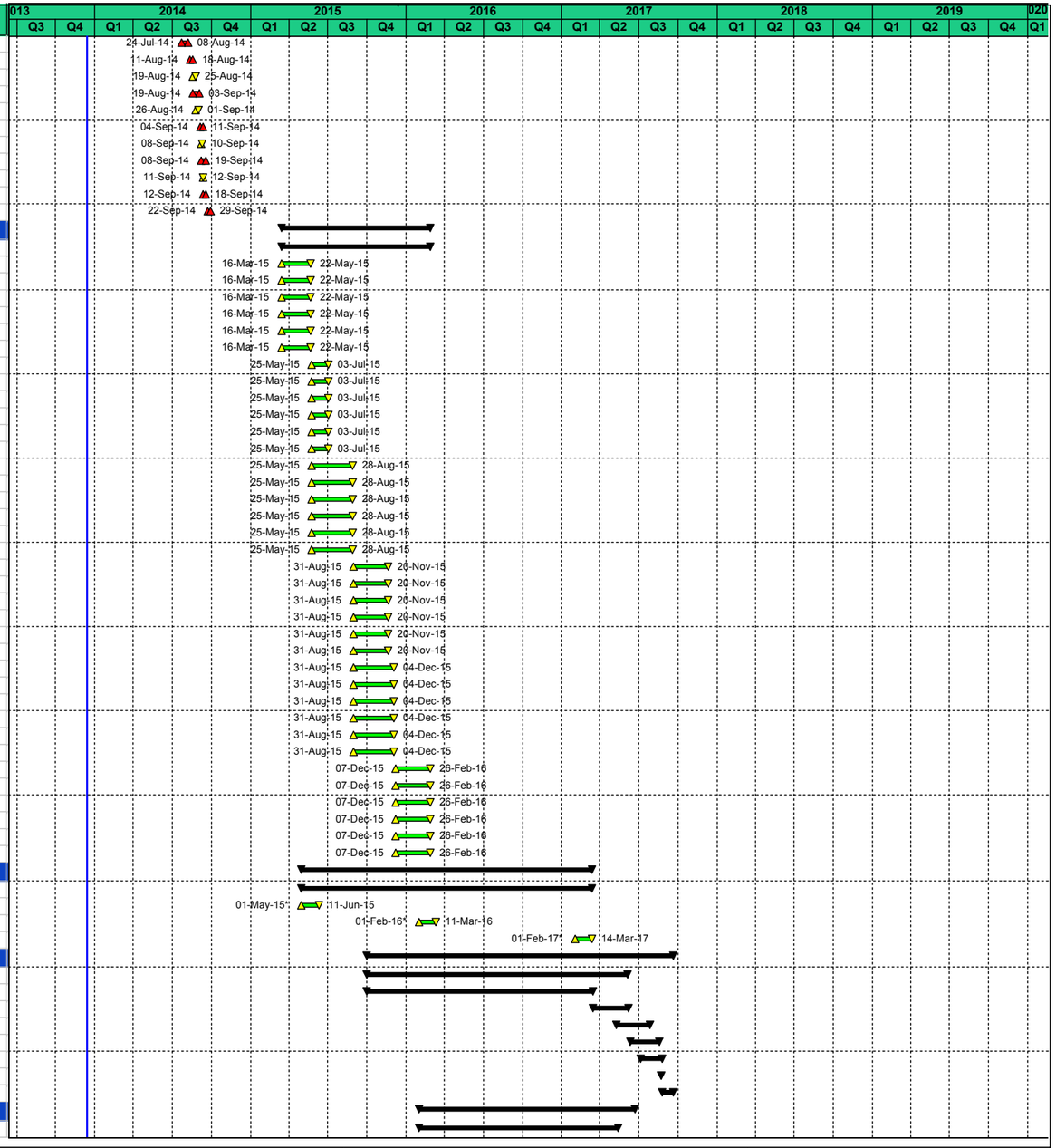
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
RBR-PA-1220	Develop Third / Red Draft of Proposal	12	24-Jul-14	08-Aug-14
RBR-PA-1230	Red Team Review of Proposal	6	11-Aug-14	18-Aug-14
RBR-PA-1260	Review Pricing - Walsh	5	19-Aug-14	25-Aug-14
RBR-PA-1240	Develop Final / Gold Draft of Proposal	12	19-Aug-14	03-Sep-14
RBR-PA-1270	Review Pricing - Walsh / Granite	5	26-Aug-14	01-Sep-14
RBR-PA-1250	Gold Team Review of Proposal	6	04-Sep-14	11-Sep-14
RBR-PA-1150	Final Draft Lenders' Technical Advisor Report Issued	3	08-Sep-14	10-Sep-14
RBR-PA-1170	OM&R Final Pricing Developed	10	08-Sep-14	19-Sep-14
RBR-PA-1160	Executive Strategic Review	2	11-Sep-14	12-Sep-14
RBR-PA-1280	Submit Final Pricing and Schedule to Plenary for Funding Review	5	12-Sep-14	18-Sep-14
RBR-PA-1290	Funding Review and Prepare Final Proposal for Submission	6	22-Sep-14	29-Sep-14
Pre-Purchased Materials		250	16-Mar-15	26-Feb-16
Pre-purchased Materials		250	16-Mar-15	26-Feb-16
2015-PP-100	Submit / Review / Approve Submittals for Piling - 2015 Construction Season Bridges	50	16-Mar-15	22-May-15
2015-PP-140	Submit / Review / Approve Submittals for Pre-Cast Abutments - 2015 Construction Season Bridges	50	16-Mar-15	22-May-15
2015-PP-120	Submit / Review / Approve Submittals for Rebar - 2015 Construction Season Bridges	50	16-Mar-15	22-May-15
2015-PP-160	Submit / Review / Approve Submittals for Beams - 2015 Construction Season Bridges	50	16-Mar-15	22-May-15
2015-PP-180	Submit / Review / Approve Submittals for SIP Decking - 2015 Construction Season - Bridges	50	16-Mar-15	22-May-15
2015-PP-200	Submit / Review / Approve Submittals for Pre-Cast Decks - 2015 Construction Season - Bridges	50	16-Mar-15	22-May-15
2015-PP-110	Fabricate and Deliver Materials for Piling - 2015 Construction Season Bridges	30	25-May-15	03-Jul-15
2015-PP-150	Fabricate and Deliver Materials for Pre-Cast Abutments - 2015 Construction Season Bridges	30	25-May-15	03-Jul-15
2015-PP-130	Fabricate and Deliver Materials for Rebar - 2015 Construction Season Bridges	30	25-May-15	03-Jul-15
2015-PP-170	Fabricate and Deliver Materials for Beams - 2015 Construction Season Bridges	30	25-May-15	03-Jul-15
2015-PP-190	Fabricate and Deliver Materials for SIP Decking - 2015 Construction Season Bridges	30	25-May-15	03-Jul-15
2015-PP-210	Fabricate and Deliver Materials for Pre-cast Decks - 2015 Construction Season Bridges	30	25-May-15	03-Jul-15
2016-PP-100	Submit / Review / Approve Submittals for Piling - 2016 Construction Season Bridges	70	25-May-15	28-Aug-15
2016-PP-140	Submit / Review / Approve Submittals for Pre-Cast Abutments - 2016 Construction Season Bridges	70	25-May-15	28-Aug-15
2016-PP-120	Submit / Review / Approve Submittals for Rebar - 2016 Construction Season Bridges	70	25-May-15	28-Aug-15
2016-PP-160	Submit / Review / Approve Submittals for Beams - 2016 Construction Season Bridges	70	25-May-15	28-Aug-15
2016-PP-180	Submit / Review / Approve Submittals for SIP Decking - 2016 Construction Season Bridges	70	25-May-15	28-Aug-15
2016-PP-200	Submit / Review / Approve Submittals for Pre-Cast Decks - 2016 Construction Season Bridges	70	25-May-15	28-Aug-15
2016-PP-110	Fabricate and Deliver Materials for Piling - 2016 Construction Season Bridges	60	31-Aug-15	20-Nov-15
2016-PP-150	Fabricate and Deliver Materials for Pre-Cast Abutments - 2016 Construction Season Bridges	60	31-Aug-15	20-Nov-15
2016-PP-130	Fabricate and Deliver Materials for Rebar - 2016 Construction Season Bridges	60	31-Aug-15	20-Nov-15
2016-PP-170	Fabricate and Deliver Materials for Beams - 2016 Construction Season Bridges	60	31-Aug-15	20-Nov-15
2016-PP-190	Fabricate and Deliver Materials for SIP Decking - 2016 Construction Season Bridges	60	31-Aug-15	20-Nov-15
2016-PP-210	Fabricate and Deliver Materials for Pre-cast Decks - 2016 Construction Season Bridges	60	31-Aug-15	20-Nov-15
2017-PP-100	Submit / Review / Approve Submittals for Piling - 2017 Construction Season Bridges	70	31-Aug-15	04-Dec-15
2017-PP-140	Submit / Review / Approve Submittals for Pre-Cast Abutments - 2017 Construction Season Bridges	70	31-Aug-15	04-Dec-15
2017-PP-120	Submit / Review / Approve Submittals for Rebar - 2017 Construction Season Bridges	70	31-Aug-15	04-Dec-15
2017-PP-160	Submit / Review / Approve Submittals for Beams - 2017 Construction Season Bridges	70	31-Aug-15	04-Dec-15
2017-PP-180	Submit / Review / Approve Submittals for SIP Decking - 2017 Construction Season Bridges	70	31-Aug-15	04-Dec-15
2017-PP-200	Submit / Review / Approve Submittals for Pre-Cast Decks - 2017 Construction Season Bridges	70	31-Aug-15	04-Dec-15
2017-PP-110	Fabricate and Deliver Materials for Piling - 2017 Construction Season Bridges	60	07-Dec-15	26-Feb-16
2017-PP-150	Fabricate and Deliver Materials for Pre-Cast Abutments - 2017 Construction Season Bridges	60	07-Dec-15	26-Feb-16
2017-PP-130	Fabricate and Deliver Materials for Rebar - 2017 Construction Season Bridges	60	07-Dec-15	26-Feb-16
2017-PP-170	Fabricate and Deliver Materials for Beams - 2017 Construction Season Bridges	60	07-Dec-15	26-Feb-16
2017-PP-190	Fabricate and Deliver Materials for SIP Decking - 2017 Construction Season Bridges	60	07-Dec-15	26-Feb-16
2017-PP-210	Fabricate and Deliver Materials for Pre-cast Decks - 2017 Construction Season Bridges	60	07-Dec-15	26-Feb-16
Mobilize Major Equipment and Formwork		488	01-May-15	14-Mar-17
MPT, Demolition, Excavation, Piling		488	01-May-15	14-Mar-17
2015-MOB-100	Mobilize Major Equipment and Formwork - 2015 Construction Season	30	01-May-15*	11-Jun-15
2016-MOB-100	Mobilize Major Equipment and Formwork - 2016 Construction Season	30	01-Feb-16*	11-Mar-16
2017-MOB-100	Mobilize Major Equipment and Formwork - 2017 Construction Season	30	01-Feb-17*	14-Mar-17
Bridge 12879 - SR 6		504	01-Oct-15	21-Sep-17
ROW / Permits / Utilities		428	01-Oct-15	05-Jun-17
Design, Bid, and Award		380	01-Oct-15	16-Mar-17
Submittals and Fabrication		60	16-Mar-17	07-Jun-17
MPT, Demolition, Excavation, Piling		51	10-May-17	27-Jul-17
Culvert		44	12-Jun-17	17-Aug-17
Roadway		36	05-Jul-17	25-Aug-17
Substanatial Completion		0	22-Aug-17	22-Aug-17
Final Completion Items		16	25-Aug-17	21-Sep-17
Bridge 12902		356	01-Feb-16	21-Jun-17
ROW / Permits / Utilities		329	01-Feb-16	13-May-17



Remaining Level of Effort
Actual Level of Effort
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Pennsylvannia

Rapid Bridge Replacement Project

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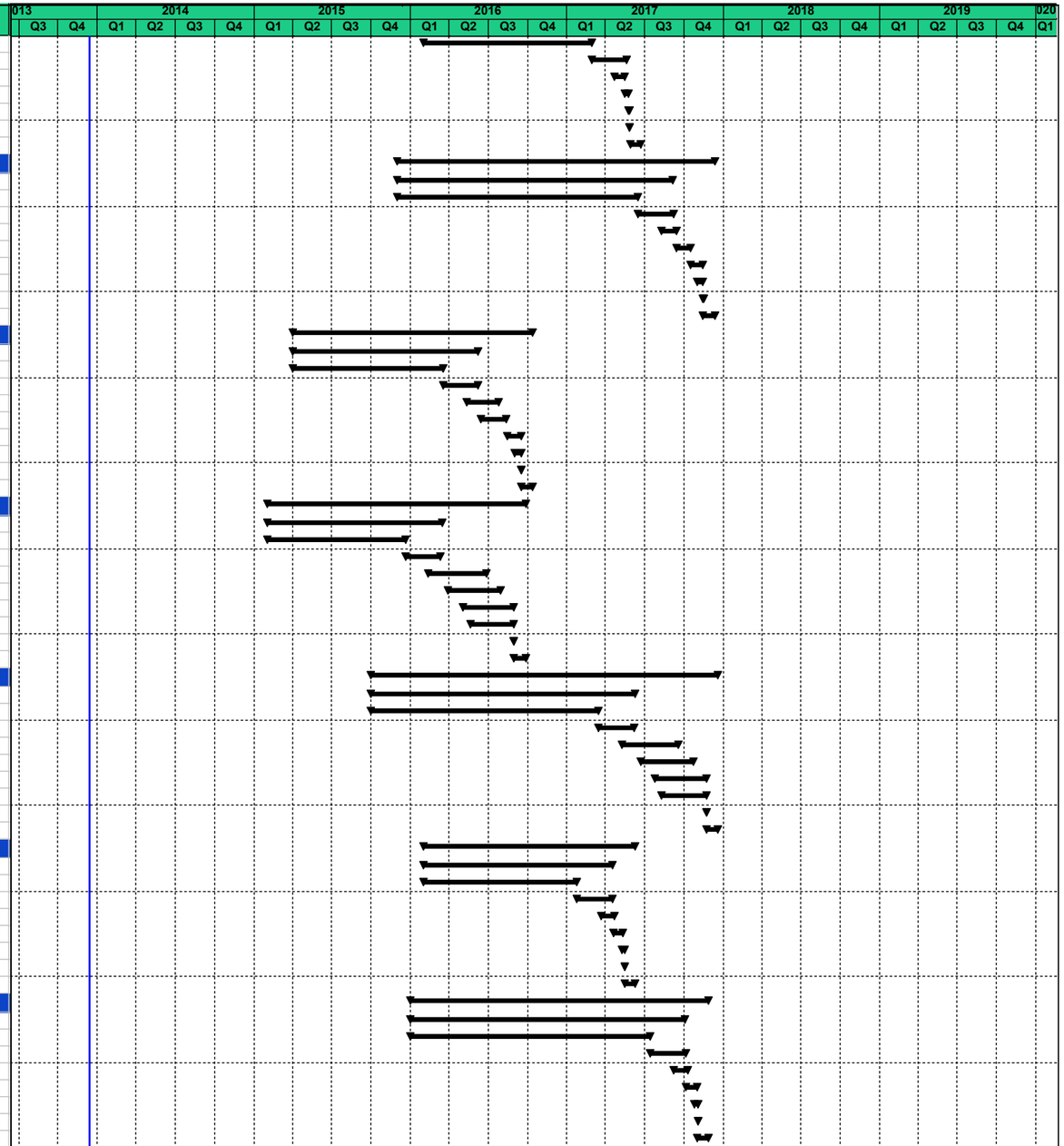
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	17	21-Apr-17	16-May-17
	Culvert	8	16-May-17	24-May-17
	Roadway	3	25-May-17	27-May-17
	Substanatial Completion	0	26-May-17	26-May-17
	Final Completion Items	16	30-May-17	21-Jun-17
Bridge 13084 - SR 285		519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 13122 - SR 408		393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
Bridge 13128 - SR 408		422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
Bridge 13027 - SR 886		567	01-Oct-15	20-Dec-17
	ROW / Permits / Utilties	431	01-Oct-15	08-Jun-17
	Design, Bid, and Award	380	01-Oct-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	85	10-May-17	18-Sep-17
	Substructure	80	21-Jun-17	23-Oct-17
	Superstructure	85	25-Jul-17	22-Nov-17
	Roadway	73	10-Aug-17	22-Nov-17
	Substanatial Completion	0	22-Nov-17	22-Nov-17
	Final Completion Items	16	22-Nov-17	20-Dec-17
Bridge 13367 - SR 4011		347	01-Feb-16	08-Jun-17
	ROW / Permits / Utilties	310	01-Feb-16	17-Apr-17
	Design, Bid, and Award	257	01-Feb-16	25-Jan-17
	Submittals and Fabrication	60	25-Jan-17	18-Apr-17
	MPT, Demolition, Excavation, Piling	20	21-Mar-17	21-Apr-17
	Superstructure	15	20-Apr-17	12-May-17
	Roadway	5	08-May-17	15-May-17
	Substanatial Completion	0	15-May-17	15-May-17
	Final Completion Items	17	15-May-17	08-Jun-17
Bridge 16373 - SR 4011		487	01-Jan-16	28-Nov-17
	ROW / Permits / Utilties	448	01-Jan-16	03-Oct-17
	Design, Bid, and Award	400	01-Jan-16	14-Jul-17
	Submittals and Fabrication	60	14-Jul-17	05-Oct-17
	MPT, Demolition, Excavation, Piling	20	07-Sep-17	09-Oct-17
	Superstructure	15	06-Oct-17	31-Oct-17
	Roadway	5	26-Oct-17	02-Nov-17
	Substanatial Completion	0	02-Nov-17	02-Nov-17
	Final Completion Items	16	01-Nov-17	28-Nov-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

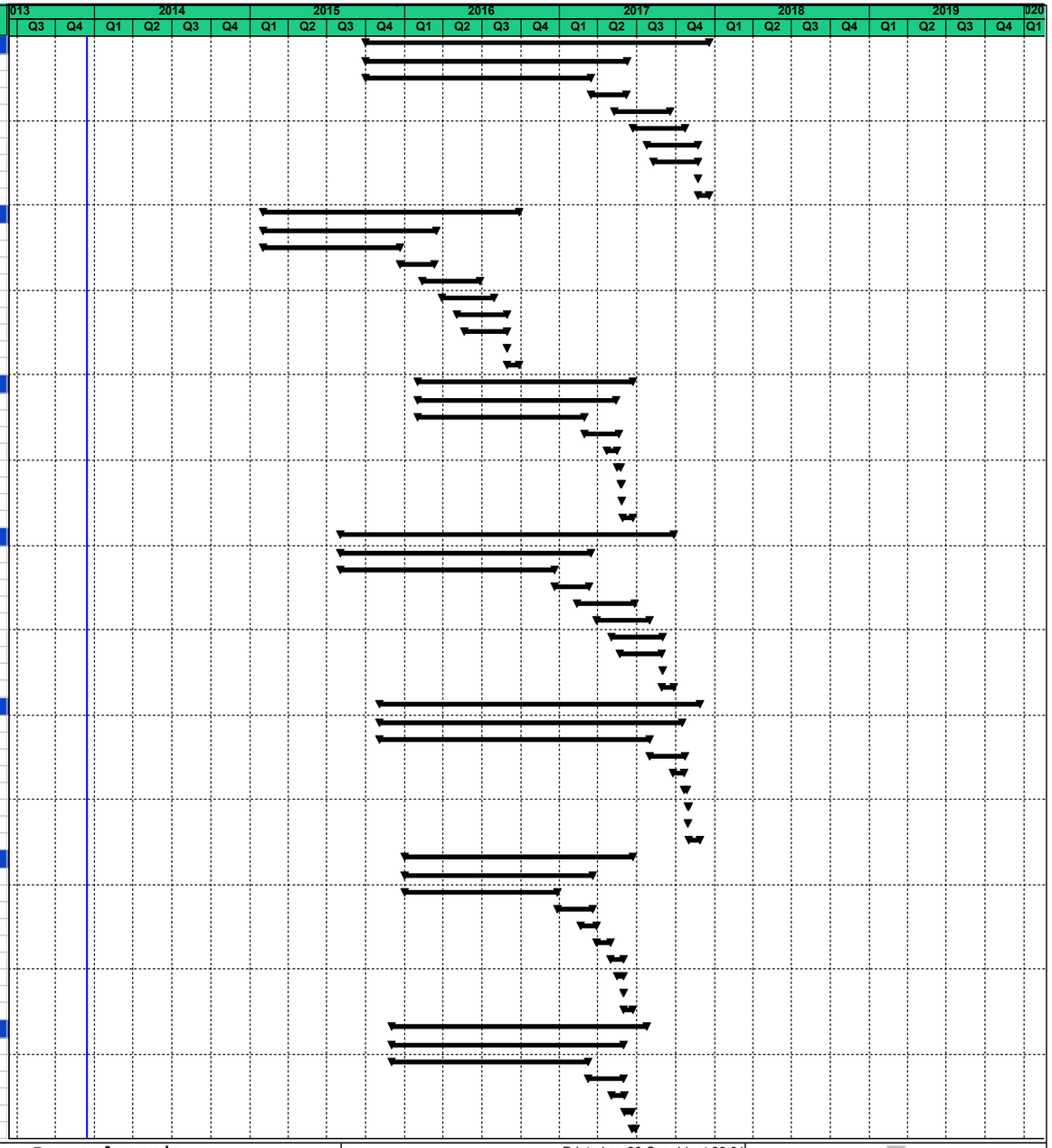
Printed on 26-Sep-14 at 09:01

Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
Bridge 17195 - SR 62		567	01-Oct-15	20-Dec-17
ROW / Permits / Utilties		431	01-Oct-15	08-Jun-17
Design, Bid, and Award		380	01-Oct-15	16-Mar-17
Submittals and Fabrication		60	16-Mar-17	07-Jun-17
MPT, Demolition, Excavation, Piling		85	10-May-17	18-Sep-17
Substructure		80	21-Jun-17	23-Oct-17
Superstructure		85	25-Jul-17	22-Nov-17
Roadway		73	10-Aug-17	22-Nov-17
Substanatial Completion		0	22-Nov-17	22-Nov-17
Final Completion Items		16	22-Nov-17	20-Dec-17
Bridge 17207 - SR 666		422	02-Feb-15	26-Sep-16
ROW / Permits / Utilties		287	02-Feb-15	16-Mar-16
Design, Bid, and Award		230	02-Feb-15	21-Dec-15
Submittals and Fabrication		60	21-Dec-15	11-Mar-16
MPT, Demolition, Excavation, Piling		85	12-Feb-16	27-Jun-16
Substructure		80	29-Mar-16	29-Jul-16
Superstructure		84	02-May-16	30-Aug-16
Roadway		70	20-May-16	30-Aug-16
Substanatial Completion		0	30-Aug-16	30-Aug-16
Final Completion Items		16	30-Aug-16	26-Sep-16
Bridge 17208 - SR 666		356	01-Feb-16	21-Jun-17
ROW / Permits / Utilties		329	01-Feb-16	13-May-17
Design, Bid, and Award		280	01-Feb-16	27-Feb-17
Submittals and Fabrication		60	27-Feb-17	19-May-17
MPT, Demolition, Excavation, Piling		17	21-Apr-17	16-May-17
Culvert		8	16-May-17	24-May-17
Roadway		3	25-May-17	27-May-17
Substanatial Completion		0	26-May-17	26-May-17
Final Completion Items		16	30-May-17	21-Jun-17
Bridge 17209		549	03-Aug-15	26-Sep-17
ROW / Permits / Utilties		414	03-Aug-15	16-Mar-17
Design, Bid, and Award		360	03-Aug-15	19-Dec-16
Submittals and Fabrication		60	19-Dec-16	10-Mar-17
MPT, Demolition, Excavation, Piling		85	10-Feb-17	27-Jun-17
Substructure		80	29-Mar-17	31-Jul-17
Superstructure		85	02-May-17	31-Aug-17
Roadway		70	22-May-17	30-Aug-17
Substanatial Completion		0	31-Aug-17	31-Aug-17
Final Completion Items		16	30-Aug-17	26-Sep-17
Bridge 25833 - SR 173		528	02-Nov-15	27-Nov-17
ROW / Permits / Utilties		500	02-Nov-15	17-Oct-17
Design, Bid, and Award		456	02-Nov-15	01-Aug-17
Submittals and Fabrication		60	01-Aug-17	23-Oct-17
MPT, Demolition, Excavation, Piling		19	25-Sep-17	20-Oct-17
Culvert		8	20-Oct-17	28-Oct-17
Roadway		3	29-Oct-17	31-Oct-17
Substanatial Completion		0	30-Oct-17	30-Oct-17
Final Completion Items		16	31-Oct-17	27-Nov-17
Bridge 25858 - SR 318		378	01-Jan-16	23-Jun-17
ROW / Permits / Utilties		310	01-Jan-16	20-Mar-17
Design, Bid, and Award		257	01-Jan-16	27-Dec-16
Submittals and Fabrication		60	27-Dec-16	20-Mar-17
MPT, Demolition, Excavation, Piling		21	20-Feb-17	28-Mar-17
Substructure		22	28-Mar-17	01-May-17
Superstructure		20	01-May-17	30-May-17
Roadway		10	16-May-17	31-May-17
Substanatial Completion		0	31-May-17	31-May-17
Final Completion Items		17	30-May-17	23-Jun-17
Bridge 26008 - SR 3020		420	01-Dec-15	24-Jul-17
ROW / Permits / Utilties		382	01-Dec-15	30-May-17
Design, Bid, and Award		332	01-Dec-15	09-Mar-17
Submittals and Fabrication		60	09-Mar-17	31-May-17
MPT, Demolition, Excavation, Piling		19	03-May-17	02-Jun-17
Culvert		11	02-Jun-17	20-Jun-17
Roadway		6	20-Jun-17	28-Jun-17



Remaining Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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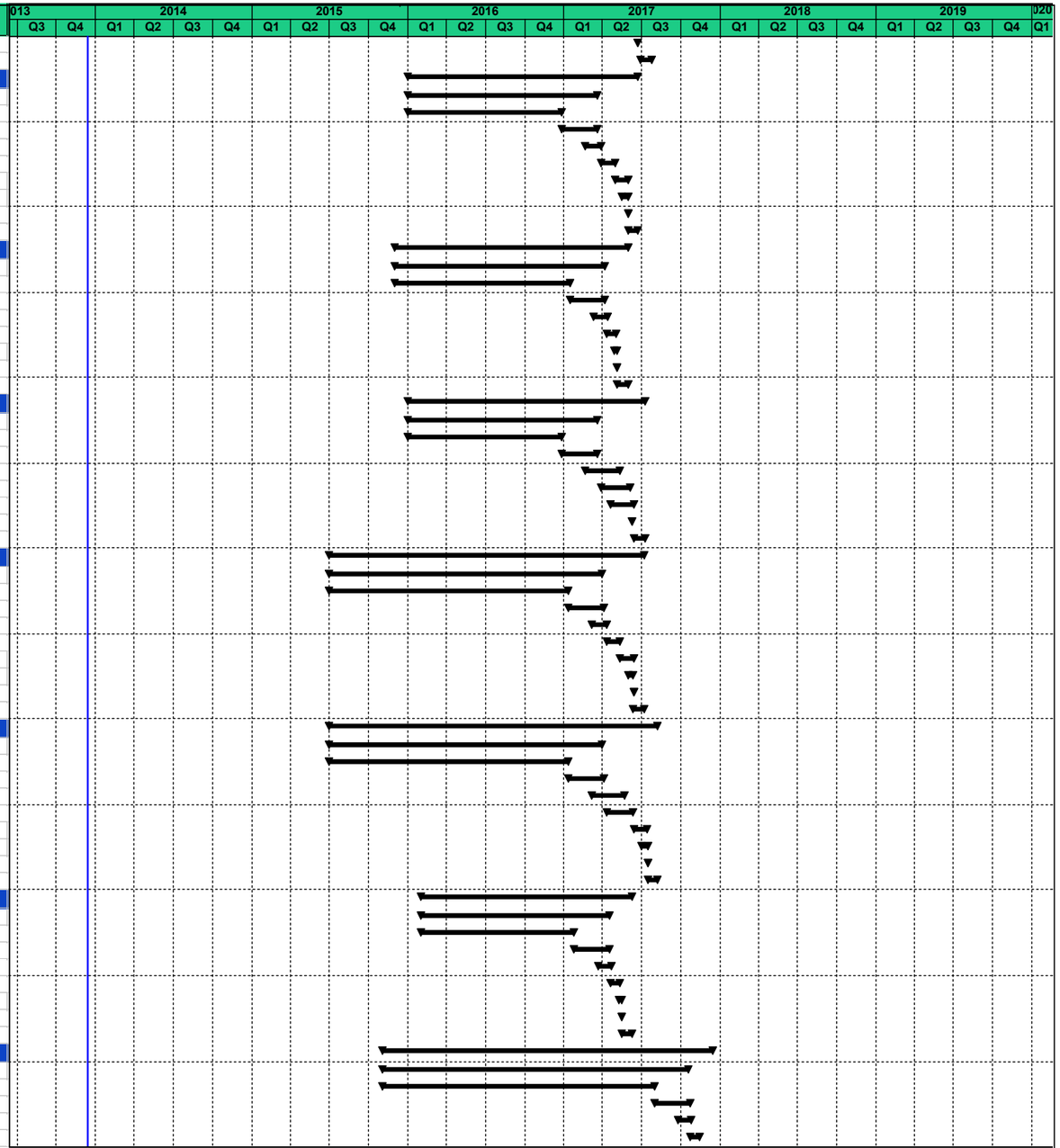
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	23-Jun-17	23-Jun-17
	Final Completion Items	16	28-Jun-17	24-Jul-17
	Bridge 33765 - SR 427	378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
	Bridge 33788 - SR 2013	383	01-Dec-15	31-May-17
	ROW / Permits / Utilties	345	01-Dec-15	06-Apr-17
	Design, Bid, and Award	294	01-Dec-15	16-Jan-17
	Submittals and Fabrication	60	16-Jan-17	07-Apr-17
	MPT, Demolition, Excavation, Piling	20	10-Mar-17	13-Apr-17
	Superstructure	15	11-Apr-17	03-May-17
	Roadway	5	28-Apr-17	05-May-17
	Substanatial Completion	0	05-May-17	05-May-17
	Final Completion Items	16	04-May-17	31-May-17
	Bridge 33956 - SR 6	388	01-Jan-16	10-Jul-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	51	20-Feb-17	12-May-17
	Culvert	44	28-Mar-17	05-Jun-17
	Roadway	36	19-Apr-17	13-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	13-Jun-17	10-Jul-17
	Bridge 33957 - SR 6	515	01-Jul-15	07-Jul-17
	ROW / Permits / Utilties	447	01-Jul-15	31-Mar-17
	Design, Bid, and Award	399	01-Jul-15	10-Jan-17
	Submittals and Fabrication	60	10-Jan-17	03-Apr-17
	MPT, Demolition, Excavation, Piling	21	06-Mar-17	10-Apr-17
	Substructure	22	10-Apr-17	12-May-17
	Superstructure	21	12-May-17	13-Jun-17
	Roadway	9	30-May-17	12-Jun-17
	Substanatial Completion	0	13-Jun-17	13-Jun-17
	Final Completion Items	16	12-Jun-17	07-Jul-17
	Bridge 33982 - SR 6	537	01-Jul-15	08-Aug-17
	ROW / Permits / Utilties	447	01-Jul-15	31-Mar-17
	Design, Bid, and Award	399	01-Jul-15	10-Jan-17
	Submittals and Fabrication	60	10-Jan-17	03-Apr-17
	MPT, Demolition, Excavation, Piling	48	06-Mar-17	22-May-17
	Substructure	41	10-Apr-17	12-Jun-17
	Superstructure	22	13-Jun-17	14-Jul-17
	Roadway	10	30-Jun-17	17-Jul-17
	Substanatial Completion	0	17-Jul-17	17-Jul-17
	Final Completion Items	16	17-Jul-17	08-Aug-17
	Bridge 34001 - SR 27	347	01-Feb-16	08-Jun-17
	ROW / Permits / Utilties	310	01-Feb-16	17-Apr-17
	Design, Bid, and Award	257	01-Feb-16	25-Jan-17
	Submittals and Fabrication	60	25-Jan-17	18-Apr-17
	MPT, Demolition, Excavation, Piling	20	21-Mar-17	21-Apr-17
	Superstructure	15	20-Apr-17	12-May-17
	Roadway	5	08-May-17	15-May-17
	Substanatial Completion	0	15-May-17	15-May-17
	Final Completion Items	17	15-May-17	08-Jun-17
	Bridge 34056 - SR 127	541	02-Nov-15	14-Dec-17
	ROW / Permits / Utilties	502	02-Nov-15	19-Oct-17
	Design, Bid, and Award	456	02-Nov-15	01-Aug-17
	Submittals and Fabrication	60	01-Aug-17	23-Oct-17
	MPT, Demolition, Excavation, Piling	20	25-Sep-17	25-Oct-17
	Superstructure	15	24-Oct-17	14-Nov-17



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Master Schedule - Proposal - Bridge Sum

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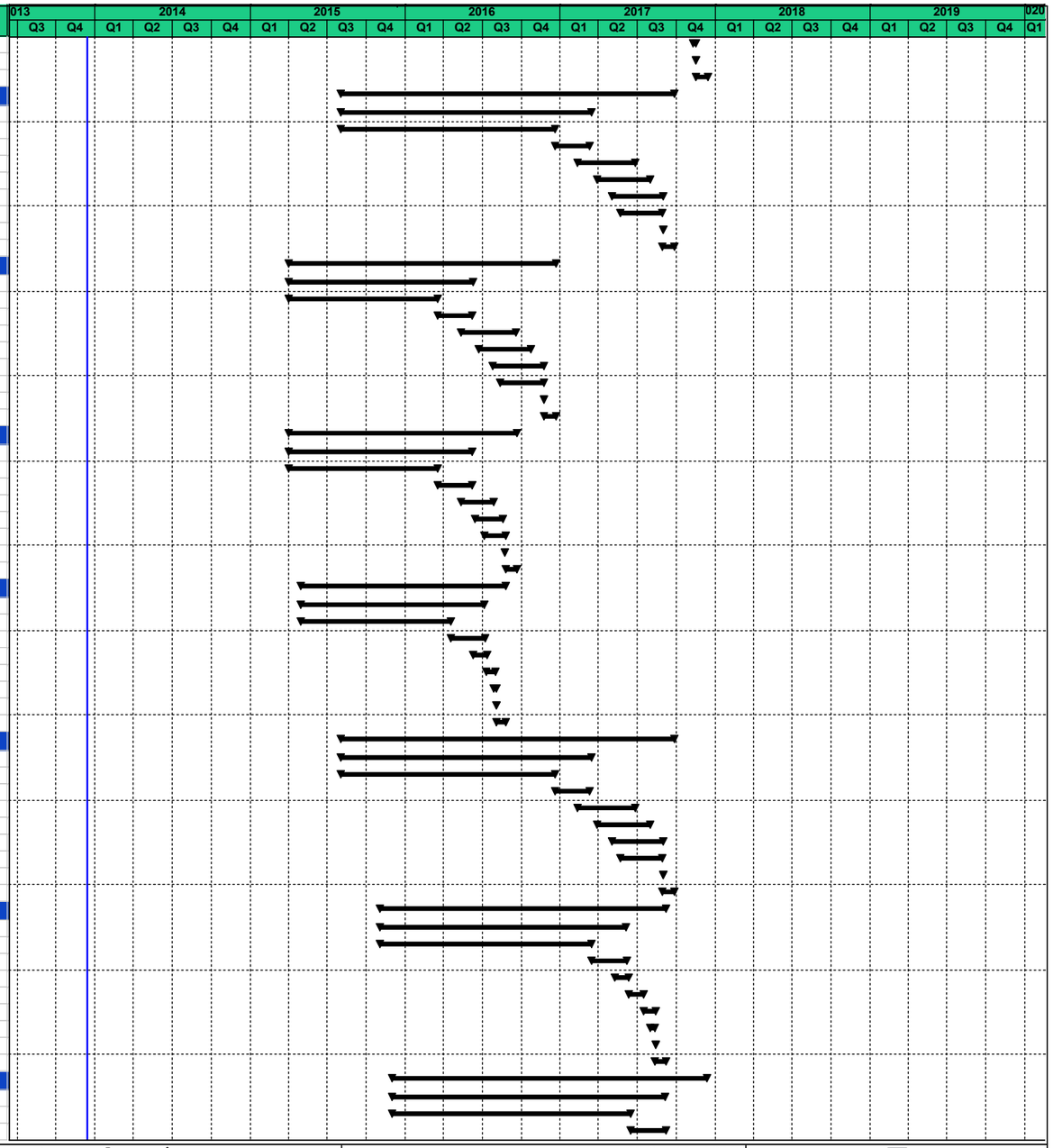
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	5	09-Nov-17	16-Nov-17
	Substanatial Completion	0	16-Nov-17	16-Nov-17
	Final Completion Items	16	16-Nov-17	14-Dec-17
	Bridge 34077 - SR 957	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 34169 - SR 3010	441	01-Apr-15	21-Dec-16
	ROW / Permits / Utilties	305	01-Apr-15	09-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	85	11-May-16	19-Sep-16
	Substructure	80	22-Jun-16	24-Oct-16
	Superstructure	85	26-Jul-16	24-Nov-16
	Roadway	73	11-Aug-16	23-Nov-16
	Substanatial Completion	0	24-Nov-16	24-Nov-16
	Final Completion Items	16	23-Nov-16	21-Dec-16
	Bridge 8831 - SR 120	377	01-Apr-15	21-Sep-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	51	11-May-16	28-Jul-16
	Culvert	44	13-Jun-16	18-Aug-16
	Roadway	36	05-Jul-16	26-Aug-16
	Substanatial Completion	0	23-Aug-16	23-Aug-16
	Final Completion Items	16	26-Aug-16	21-Sep-16
	Bridge 9265 - SR 45	338	01-May-15	26-Aug-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	20	10-Jun-16	12-Jul-16
	Superstructure	15	11-Jul-16	02-Aug-16
	Roadway	5	28-Jul-16	04-Aug-16
	Substanatial Completion	0	04-Aug-16	04-Aug-16
	Final Completion Items	16	03-Aug-16	26-Aug-16
	Bridge 9360 - SR 144	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 9576 - SR 1002	471	02-Nov-15	06-Sep-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	21	10-May-17	12-Jun-17
	Substructure	22	12-Jun-17	17-Jul-17
	Superstructure	20	17-Jul-17	14-Aug-17
	Roadway	9	31-Jul-17	11-Aug-17
	Substanatial Completion	0	14-Aug-17	14-Aug-17
	Final Completion Items	16	11-Aug-17	06-Sep-17
	Bridge 9577 - SR 1002	519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17



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Master Schedule - Proposal - Bridge Sum

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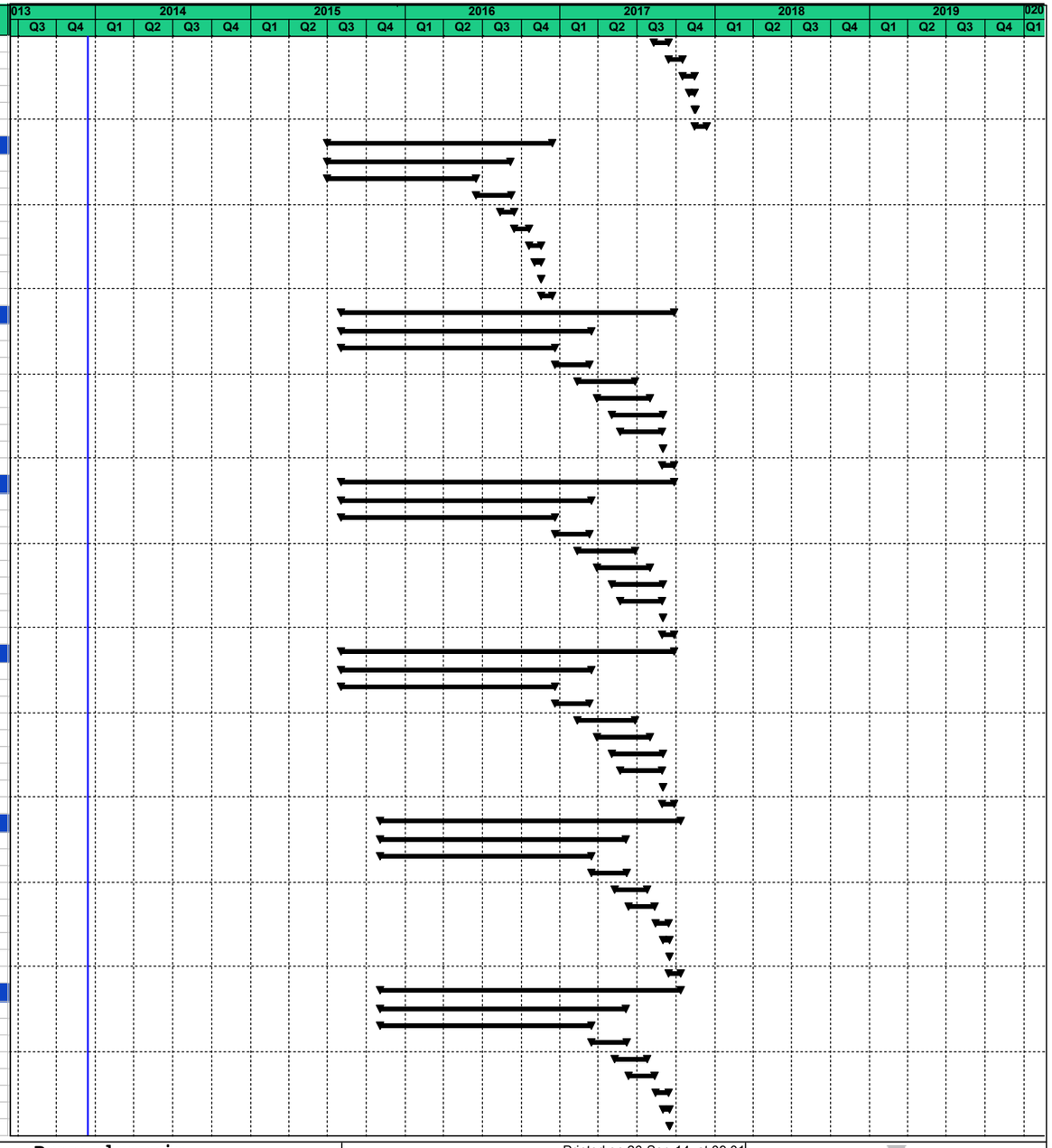
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 9679 - ON TSR 508		371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 9431 - SR 220		549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 9434 - SR 220		549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 9451 - SR 3040		549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 9778 - SR 4002		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
Bridge 9790 - ON TSR 958		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17



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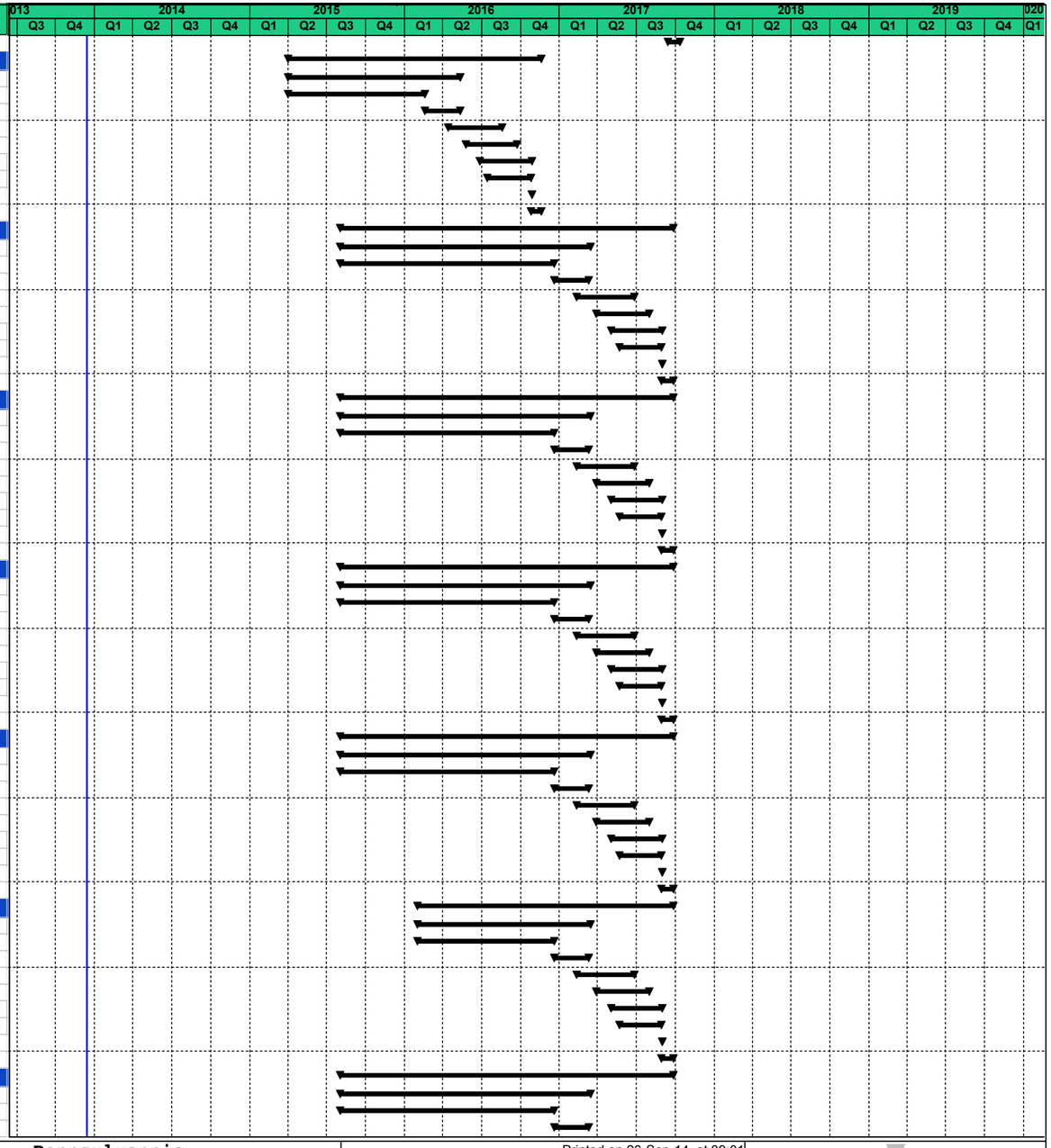
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 11245 - SR 53	419	01-Apr-15	18-Nov-16
	ROW / Permits / Utilties	285	01-Apr-15	11-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	85	14-Apr-16	19-Aug-16
	Substructure	80	24-May-16	23-Sep-16
	Superstructure	86	27-Jun-16	27-Oct-16
	Roadway	73	14-Jul-16	26-Oct-16
	Substanatial Completion	0	28-Oct-16	28-Oct-16
	Final Completion Items	16	26-Oct-16	18-Nov-16
	Bridge 11390 - SR 219	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 11399 - SR 219	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 11403 - SR 219	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Brdige 11404 - SR 219	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 11454 - SR 255	423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 11461 - SR 255	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

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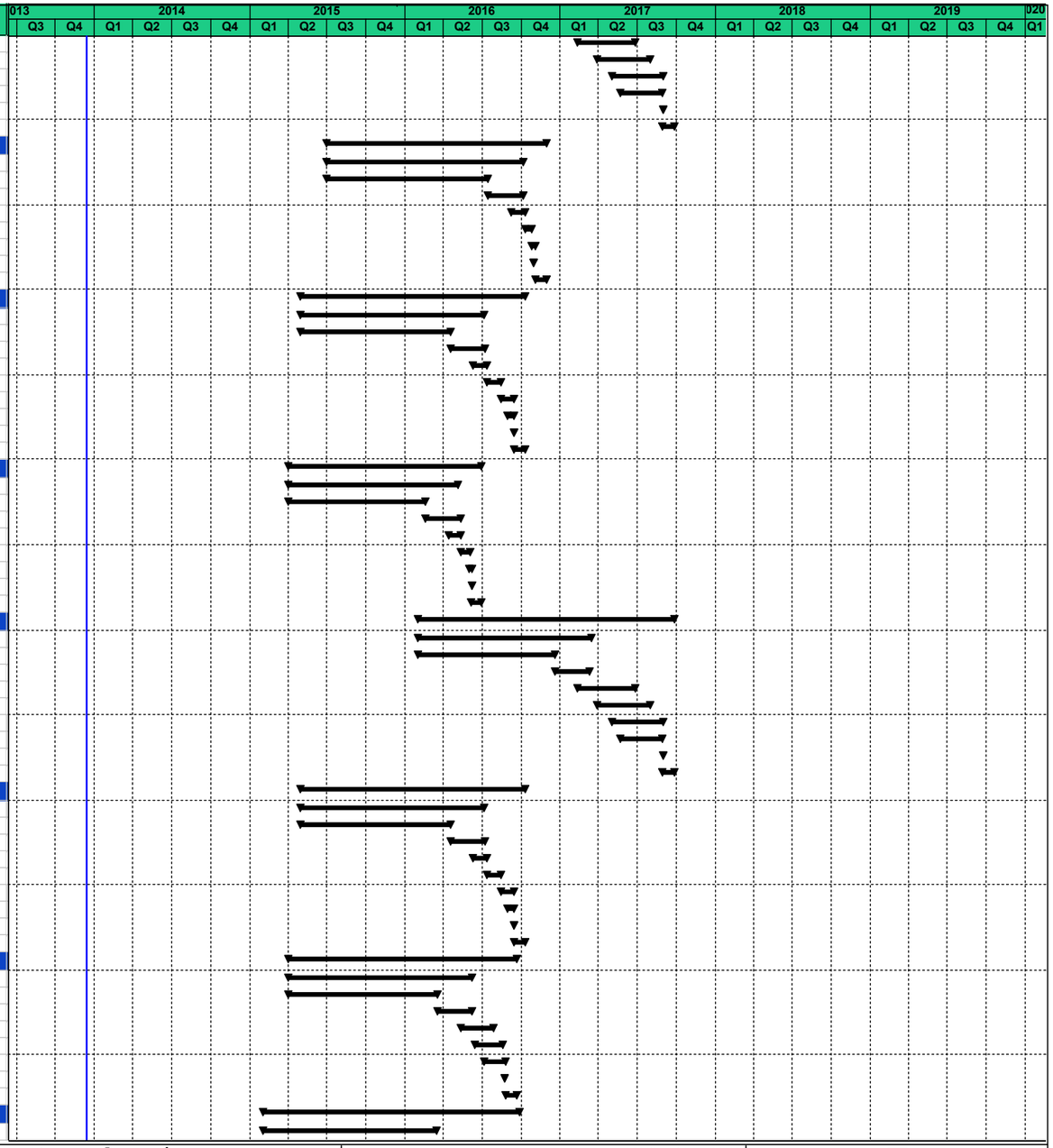
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 11658 - SR 1009		362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
Bridge 11698 - SR 2007		368	01-May-15	10-Oct-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	21	10-Jun-16	13-Jul-16
	Substructure	22	13-Jul-16	15-Aug-16
	Superstructure	20	15-Aug-16	13-Sep-16
	Roadway	9	30-Aug-16	13-Sep-16
	Substanatial Completion	0	13-Sep-16	13-Sep-16
	Final Completion Items	16	13-Sep-16	10-Oct-16
Bridge 11807 - SR 3009		319	01-Apr-15	29-Jun-16
	ROW / Permits / Utilties	281	01-Apr-15	05-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	20	14-Apr-16	12-May-16
	Superstructure	15	11-May-16	03-Jun-16
	Roadway	4	31-May-16	06-Jun-16
	Substanatial Completion	0	07-Jun-16	07-Jun-16
	Final Completion Items	17	06-Jun-16	29-Jun-16
Bridge 12163 - SR 150		423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 12239 - SR 477		368	01-May-15	10-Oct-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	21	10-Jun-16	13-Jul-16
	Substructure	22	13-Jul-16	15-Aug-16
	Superstructure	20	15-Aug-16	13-Sep-16
	Roadway	9	30-Aug-16	13-Sep-16
	Substanatial Completion	0	13-Sep-16	13-Sep-16
	Final Completion Items	16	13-Sep-16	10-Oct-16
Bridge 15531 - SR 120		377	01-Apr-15	21-Sep-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	51	11-May-16	28-Jul-16
	Culvert	44	13-Jun-16	18-Aug-16
	Roadway	36	05-Jul-16	26-Aug-16
	Substanatial Completion	0	23-Aug-16	23-Aug-16
	Final Completion Items	16	26-Aug-16	21-Sep-16
Bridge 15535 - SR 219		422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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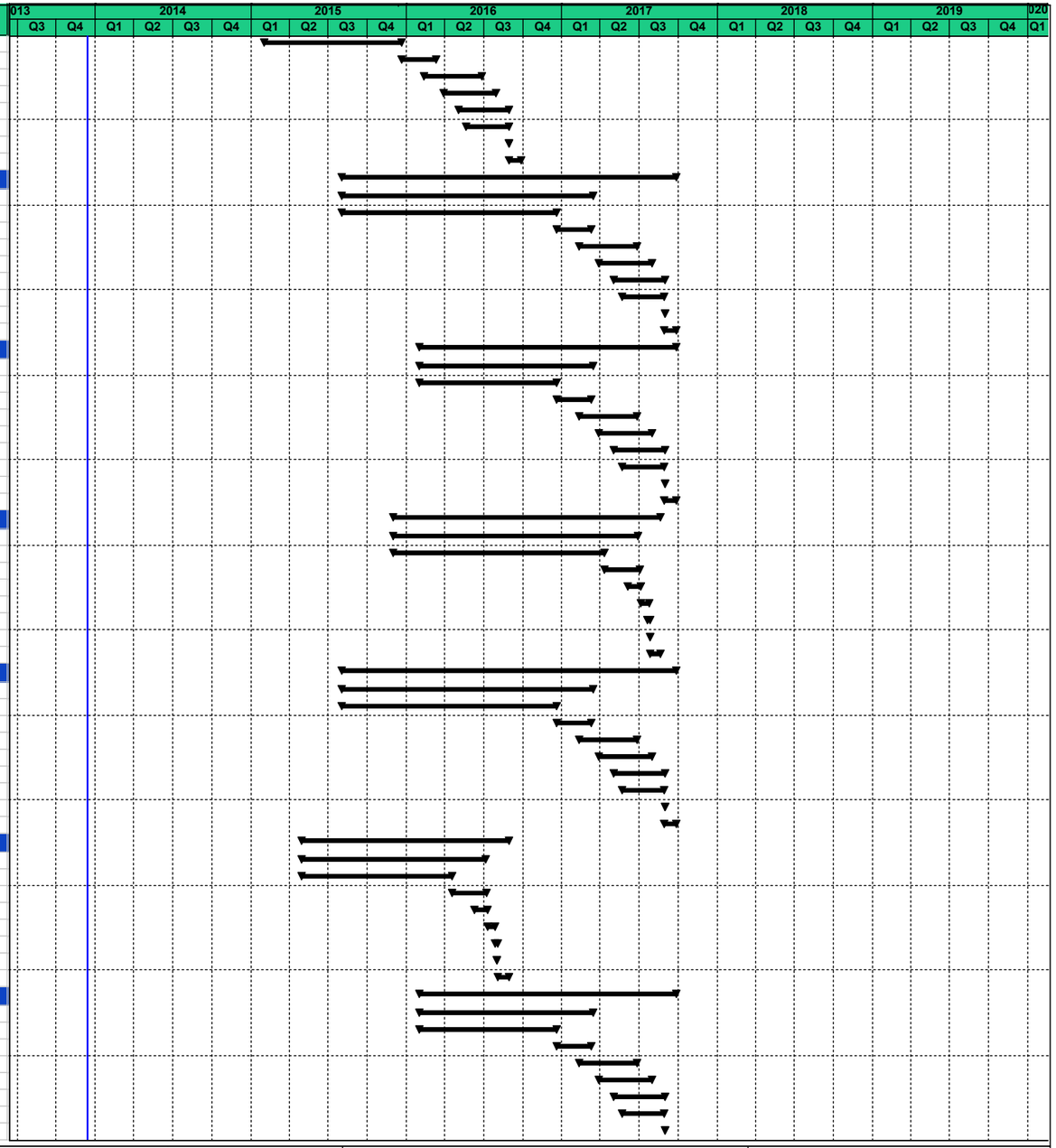
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 15560 - SR 219	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 19992 - SR 35	423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 20021 - SR 75	440	01-Dec-15	21-Aug-17
	ROW / Permits / Utilties	403	01-Dec-15	28-Jun-17
	Design, Bid, and Award	355	01-Dec-15	11-Apr-17
	Submittals and Fabrication	60	11-Apr-17	03-Jul-17
	MPT, Demolition, Excavation, Piling	20	05-Jun-17	06-Jul-17
	Superstructure	15	05-Jul-17	26-Jul-17
	Roadway	5	21-Jul-17	28-Jul-17
	Substanatial Completion	0	28-Jul-17	28-Jul-17
	Final Completion Items	16	27-Jul-17	21-Aug-17
	Bridge 20106 - SR 1002	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 20118 - SR 1004	339	01-May-15	29-Aug-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	19	10-Jun-16	11-Jul-16
	Culvert	11	11-Jul-16	27-Jul-16
	Roadway	6	27-Jul-16	04-Aug-16
	Substanatial Completion	0	01-Aug-16	01-Aug-16
	Final Completion Items	16	04-Aug-16	29-Aug-16
	Bridge 20137 - SR 2006	423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
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Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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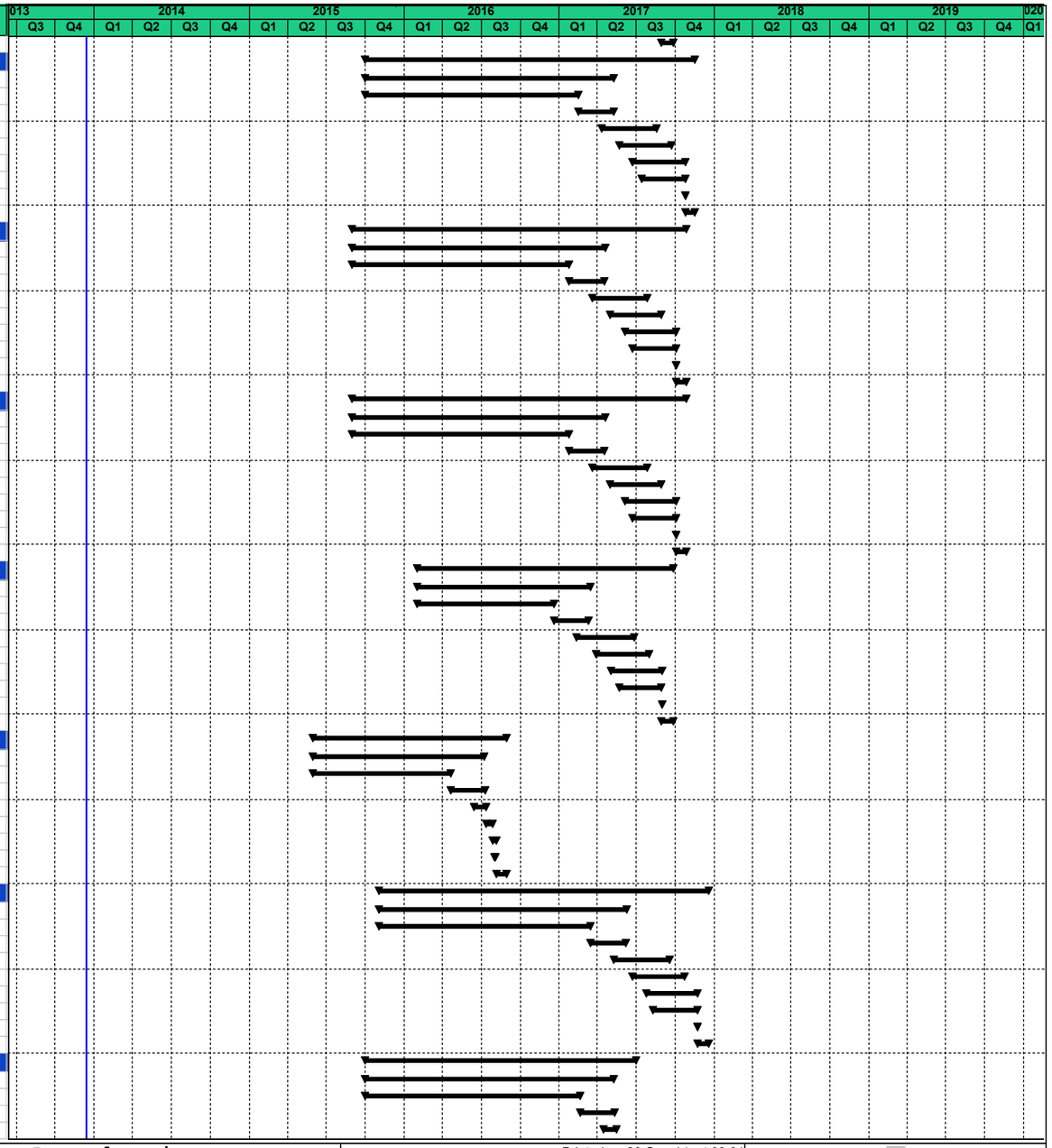
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 20147 - SR 2007	545	01-Oct-15	17-Nov-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	358	01-Oct-15	14-Feb-17
	Submittals and Fabrication	60	14-Feb-17	08-May-17
	MPT, Demolition, Excavation, Piling	86	10-Apr-17	18-Aug-17
	Substructure	81	22-May-17	22-Sep-17
	Superstructure	86	23-Jun-17	25-Oct-17
	Roadway	73	13-Jul-17	25-Oct-17
	Substanatial Completion	0	25-Oct-17	25-Oct-17
	Final Completion Items	16	25-Oct-17	17-Nov-17
	Bridge 25213 - SR 6	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 25216 - SR 6	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 25243 - SR 46	423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 25281 - SR 59	320	01-Jun-15	30-Aug-16
	ROW / Permits / Utilties	282	01-Jun-15	07-Jul-16
	Design, Bid, and Award	231	01-Jun-15	19-Apr-16
	Submittals and Fabrication	60	19-Apr-16	11-Jul-16
	MPT, Demolition, Excavation, Piling	19	13-Jun-16	12-Jul-16
	Culvert	11	12-Jul-16	28-Jul-16
	Roadway	6	28-Jul-16	05-Aug-16
	Substanatial Completion	0	02-Aug-16	02-Aug-16
	Final Completion Items	16	05-Aug-16	30-Aug-16
	Bridge 25297 - SR 155	545	02-Nov-15	20-Dec-17
	ROW / Permits / Utilties	409	02-Nov-15	08-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	85	10-May-17	18-Sep-17
	Substructure	80	21-Jun-17	23-Oct-17
	Superstructure	85	25-Jul-17	22-Nov-17
	Roadway	73	10-Aug-17	22-Nov-17
	Substanatial Completion	0	22-Nov-17	22-Nov-17
	Final Completion Items	16	22-Nov-17	20-Dec-17
	Bridge 25308 - SR 155	447	01-Oct-15	30-Jun-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	20	14-Apr-17	15-May-17



Remaining Level of Effort
Actual Level of Effort
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Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

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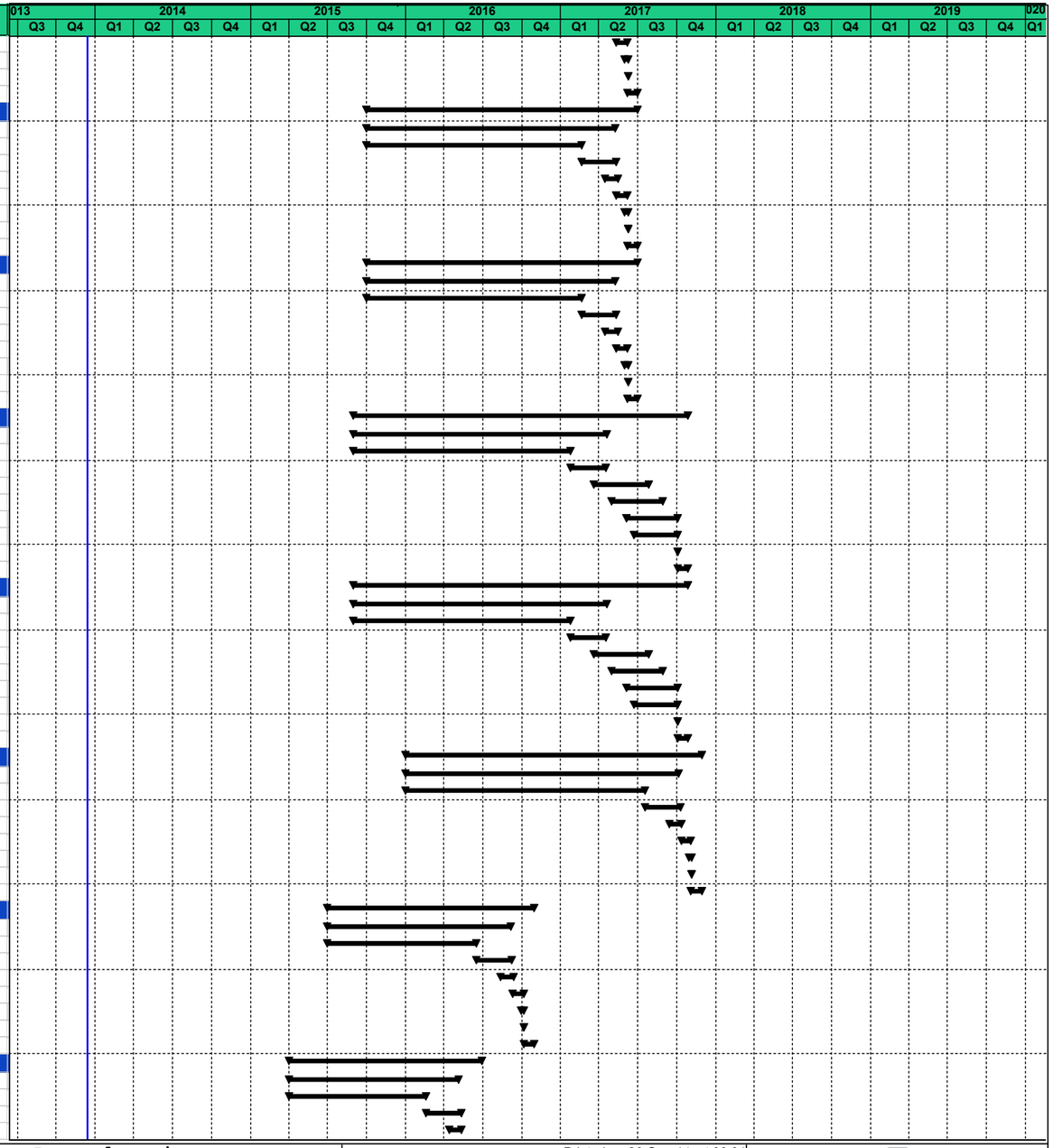
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Superstructure	15	12-May-17	06-Jun-17
	Roadway	5	01-Jun-17	08-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	07-Jun-17	30-Jun-17
	Bridge 25313 - SR 155	447	01-Oct-15	30-Jun-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	20	14-Apr-17	15-May-17
	Superstructure	15	12-May-17	06-Jun-17
	Roadway	5	01-Jun-17	08-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	07-Jun-17	30-Jun-17
	Bridge 25314 - SR 155	447	01-Oct-15	30-Jun-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	20	14-Apr-17	15-May-17
	Superstructure	15	12-May-17	06-Jun-17
	Roadway	5	01-Jun-17	08-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	07-Jun-17	30-Jun-17
	Bridge 25418 - SR 346	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 25420 - SR 346	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 25459 - SR 646	489	01-Jan-16	30-Nov-17
	ROW / Permits / Utilties	450	01-Jan-16	05-Oct-17
	Design, Bid, and Award	403	01-Jan-16	19-Jul-17
	Submittals and Fabrication	60	19-Jul-17	10-Oct-17
	MPT, Demolition, Excavation, Piling	20	13-Sep-17	12-Oct-17
	Superstructure	15	11-Oct-17	02-Nov-17
	Roadway	4	30-Oct-17	04-Nov-17
	Substanatial Completion	0	05-Nov-17	05-Nov-17
	Final Completion Items	16	03-Nov-17	30-Nov-17
	Bridge 25461 - SR 770	341	01-Jul-15	31-Oct-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	20	11-Aug-16	12-Sep-16
	Superstructure	15	09-Sep-16	05-Oct-16
	Roadway	5	29-Sep-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	16	06-Oct-16	31-Oct-16
	Bridge 25462 - SR 770	319	01-Apr-15	29-Jun-16
	ROW / Permits / Utilties	281	01-Apr-15	05-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	20	14-Apr-16	12-May-16



Remaining Level of Effort
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Master Schedule - Proposal - Bridge Sum

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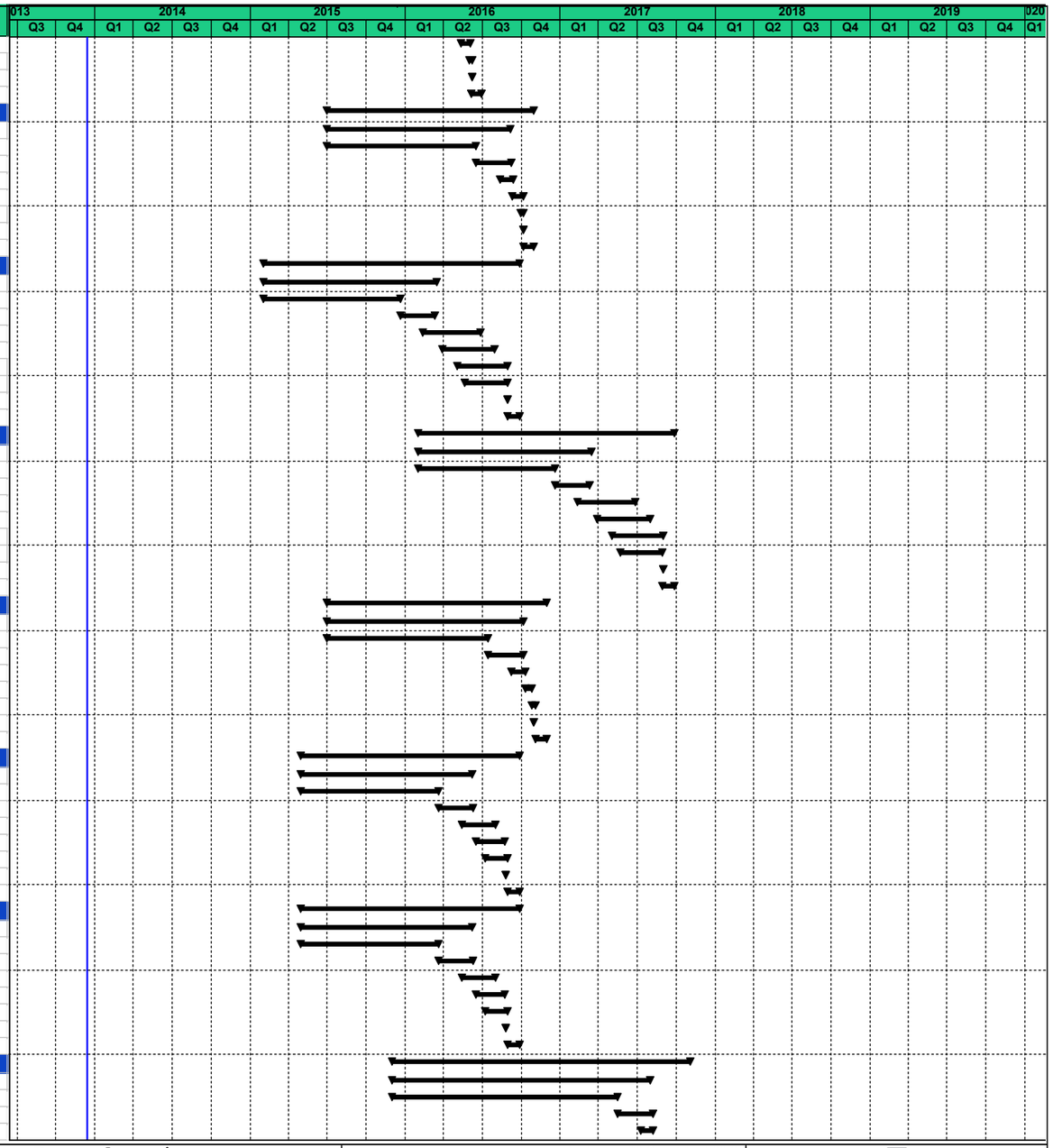
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Superstructure	15	11-May-16	03-Jun-16
	Roadway	4	31-May-16	06-Jun-16
	Substanatial Completion	0	07-Jun-16	07-Jun-16
	Final Completion Items	17	06-Jun-16	29-Jun-16
Bridge 25489 - SR 1015		341	01-Jul-15	31-Oct-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	20	11-Aug-16	12-Sep-16
	Superstructure	15	09-Sep-16	05-Oct-16
	Roadway	5	29-Sep-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	16	06-Oct-16	31-Oct-16
Bridge 25495 - SR 2001		422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
Bridge 25500 - SR 2002		423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 25535 - SR 4011		362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
Bridge 26468 - SR 655		358	01-May-15	26-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	51	13-May-16	01-Aug-16
	Culvert	44	16-Jun-16	22-Aug-16
	Roadway	36	07-Jul-16	30-Aug-16
	Substanatial Completion	0	25-Aug-16	25-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
Bridge 26469		358	01-May-15	26-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	51	13-May-16	01-Aug-16
	Culvert	44	16-Jun-16	22-Aug-16
	Roadway	36	07-Jul-16	30-Aug-16
	Substanatial Completion	0	25-Aug-16	25-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
Bridge 26472		493	01-Dec-15	03-Nov-17
	ROW / Permits / Utilties	426	01-Dec-15	01-Aug-17
	Design, Bid, and Award	380	01-Dec-15	16-May-17
	Submittals and Fabrication	60	16-May-17	07-Aug-17
	MPT, Demolition, Excavation, Piling	21	10-Jul-17	08-Aug-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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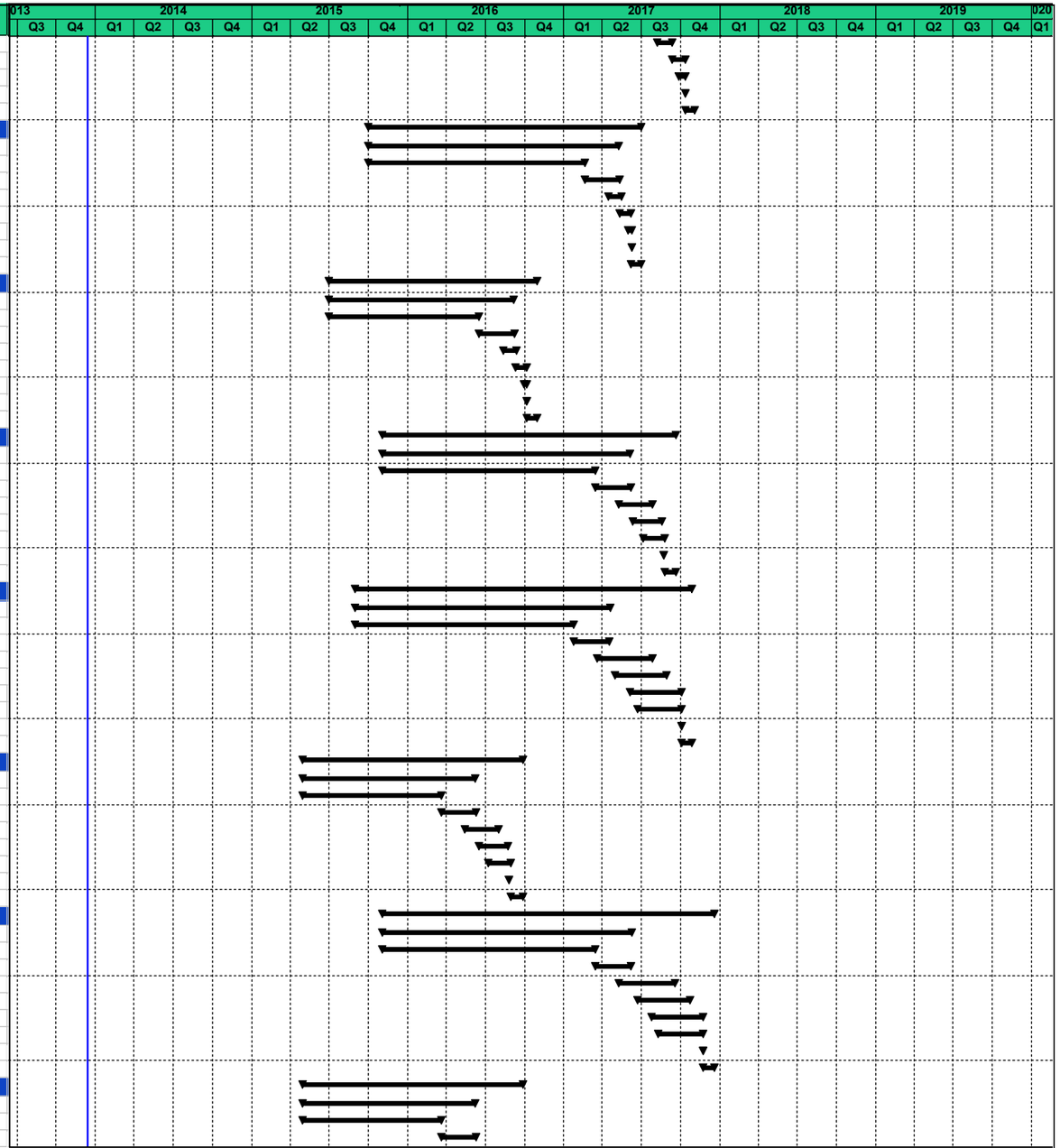
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substructure	22	08-Aug-17	11-Sep-17
	Superstructure	22	11-Sep-17	11-Oct-17
	Roadway	10	27-Sep-17	11-Oct-17
	Substanatial Completion	0	11-Oct-17	11-Oct-17
	Final Completion Items	16	11-Oct-17	03-Nov-17
	Bridge 26477 - SR 1002	447	01-Oct-15	30-Jun-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	20	14-Apr-17	15-May-17
	Superstructure	15	12-May-17	06-Jun-17
	Roadway	5	01-Jun-17	08-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	07-Jun-17	30-Jun-17
	Bridge 26595 - SR 4013	341	01-Jul-15	31-Oct-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	20	11-Aug-16	12-Sep-16
	Superstructure	15	09-Sep-16	05-Oct-16
	Roadway	5	29-Sep-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	16	06-Oct-16	31-Oct-16
	Bridge 30090 - SR 6	482	02-Nov-15	21-Sep-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	51	10-May-17	27-Jul-17
	Culvert	44	12-Jun-17	17-Aug-17
	Roadway	36	05-Jul-17	25-Aug-17
	Substanatial Completion	0	22-Aug-17	22-Aug-17
	Final Completion Items	16	25-Aug-17	21-Sep-17
	Bridge 30144 - SR 44	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 30156 - SR 44	358	01-May-15	26-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	51	13-May-16	01-Aug-16
	Culvert	44	16-Jun-16	22-Aug-16
	Roadway	36	07-Jul-16	30-Aug-16
	Substanatial Completion	0	25-Aug-16	25-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 30162 - SR 44	545	02-Nov-15	20-Dec-17
	ROW / Permits / Utilties	409	02-Nov-15	08-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	85	10-May-17	18-Sep-17
	Substructure	80	21-Jun-17	23-Oct-17
	Superstructure	85	25-Jul-17	22-Nov-17
	Roadway	73	10-Aug-17	22-Nov-17
	Substanatial Completion	0	22-Nov-17	22-Nov-17
	Final Completion Items	16	22-Nov-17	20-Dec-17
	Bridge 30166 - SR 44	358	01-May-15	26-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
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Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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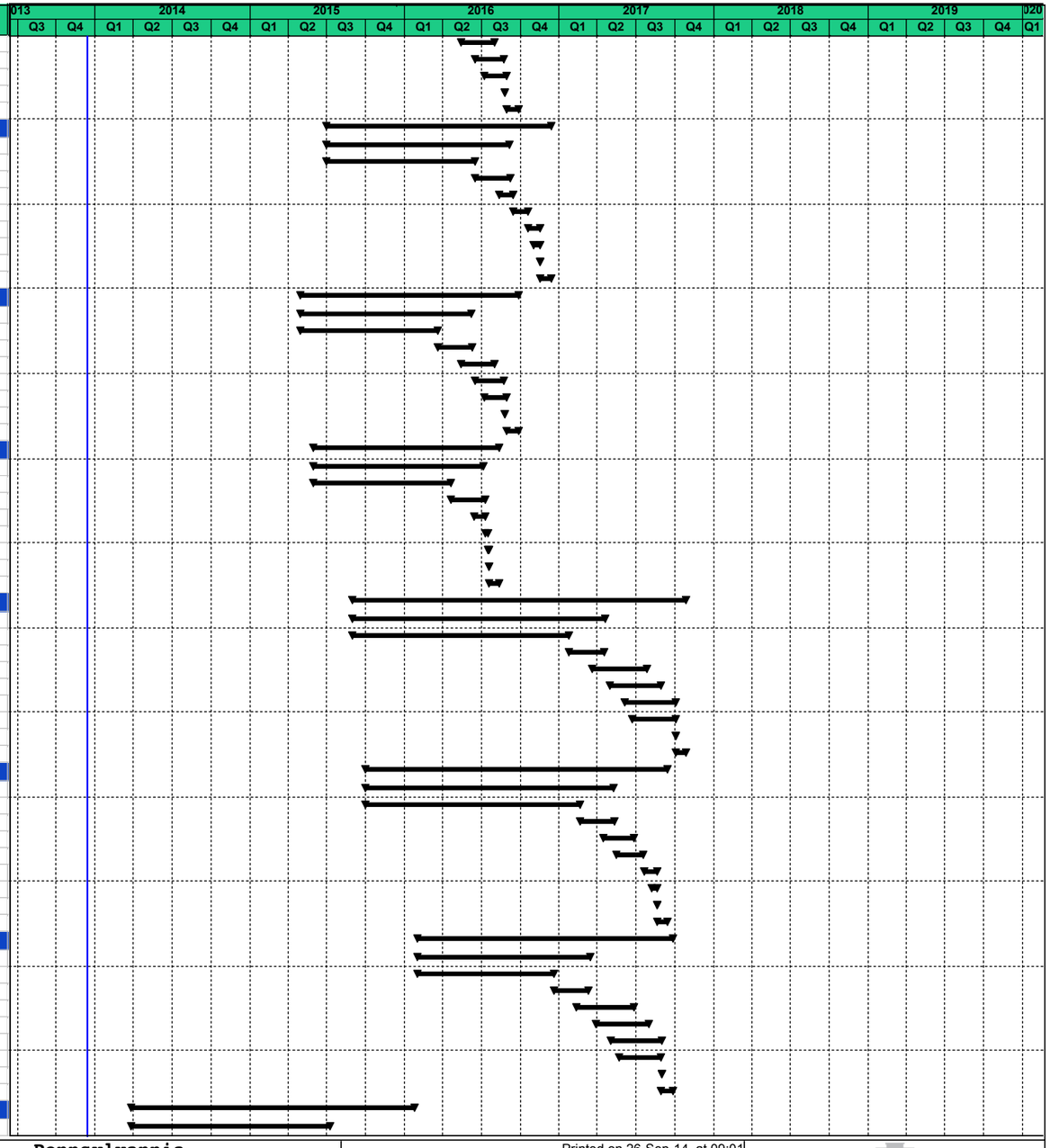
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	51	13-May-16	01-Aug-16
	Culvert	44	16-Jun-16	22-Aug-16
	Roadway	36	07-Jul-16	30-Aug-16
	Substanatial Completion	0	25-Aug-16	25-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 30190 - SR 49	371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 30191 - SR 49	358	01-May-15	26-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	51	13-May-16	01-Aug-16
	Culvert	44	16-Jun-16	22-Aug-16
	Roadway	36	07-Jul-16	30-Aug-16
	Substanatial Completion	0	25-Aug-16	25-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 30233 - SR 449	307	01-Jun-15	11-Aug-16
	ROW / Permits / Utilties	281	01-Jun-15	06-Jul-16
	Design, Bid, and Award	231	01-Jun-15	19-Apr-16
	Submittals and Fabrication	60	19-Apr-16	11-Jul-16
	MPT, Demolition, Excavation, Piling	18	13-Jun-16	09-Jul-16
	Culvert	7	09-Jul-16	16-Jul-16
	Roadway	3	17-Jul-16	19-Jul-16
	Substanatial Completion	0	18-Jul-16	18-Jul-16
	Final Completion Items	16	19-Jul-16	11-Aug-16
	Bridge 30348 - SR 2002	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 30435 - ON TSR 404	499	01-Oct-15	14-Sep-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	48	14-Apr-17	27-Jun-17
	Substructure	41	16-May-17	19-Jul-17
	Superstructure	22	20-Jul-17	21-Aug-17
	Roadway	10	07-Aug-17	21-Aug-17
	Substanatial Completion	0	21-Aug-17	21-Aug-17
	Final Completion Items	16	21-Aug-17	14-Sep-17
	Bridge 6074 - SR 14	423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 6104 - SR 0187	468	26-Mar-14	26-Jan-16
	ROW / Permits / Utilties	329	26-Mar-14	09-Jul-15



Remaining Level of Effort
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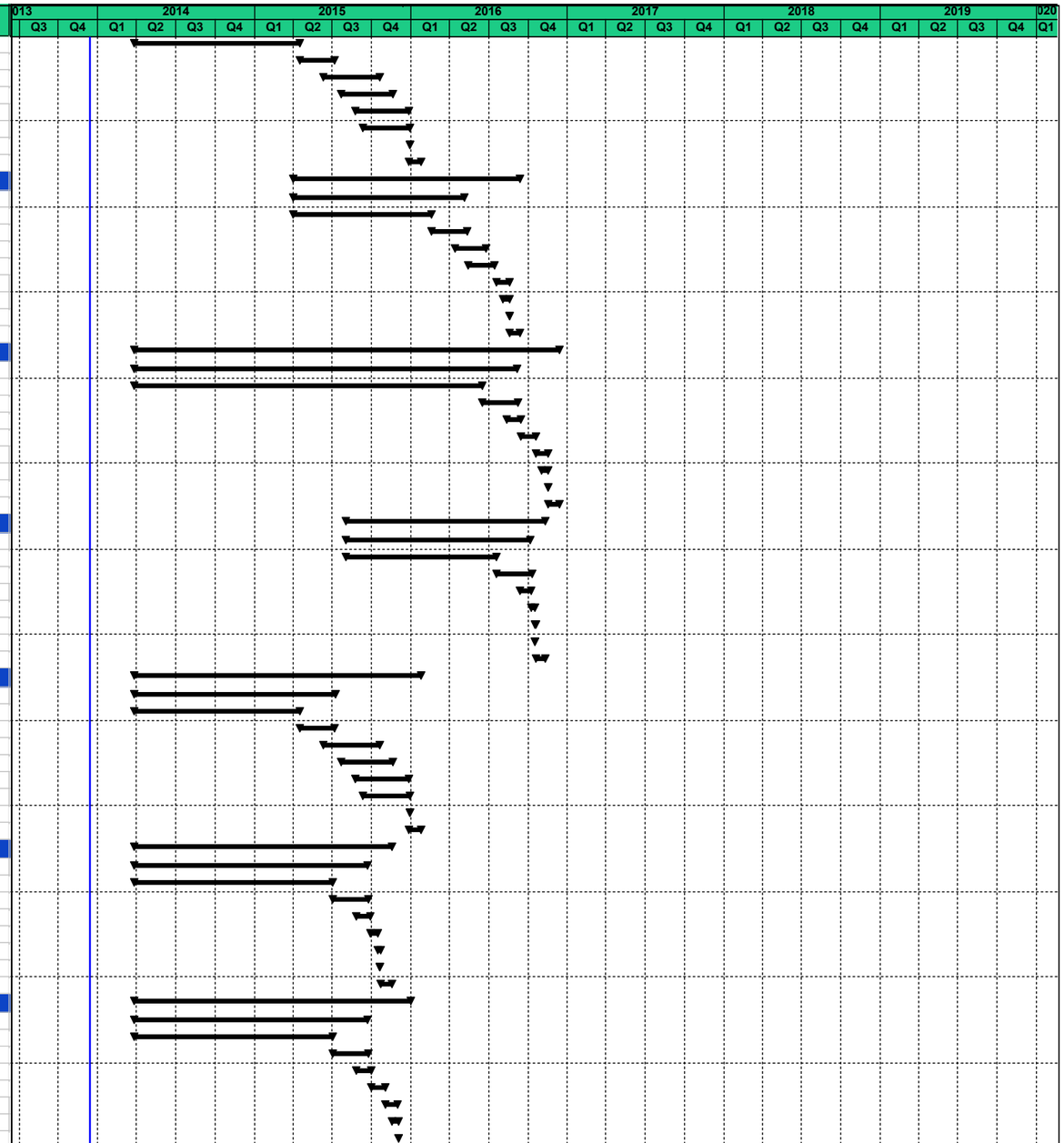
Plenary Walsh Keystone Partners

PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Design, Bid, and Award	276	26-Mar-14	16-Apr-15
	Submittals and Fabrication	60	16-Apr-15	08-Jul-15
	MPT, Demolition, Excavation, Piling	85	10-Jun-15	20-Oct-15
	Substructure	80	22-Jul-15	20-Nov-15
	Superstructure	87	24-Aug-15	28-Dec-15
	Roadway	76	10-Sep-15	29-Dec-15
	Substanatial Completion	0	29-Dec-15	29-Dec-15
	Final Completion Items	18	28-Dec-15	26-Jan-16
	Bridge 6136 - SR 0220	370	01-Apr-15	12-Sep-16
	ROW / Permits / Utilties	281	01-Apr-15	05-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	48	14-Apr-16	24-Jun-16
	Substructure	41	13-May-16	15-Jul-16
	Superstructure	23	18-Jul-16	18-Aug-16
	Roadway	10	04-Aug-16	18-Aug-16
	Substanatial Completion	0	19-Aug-16	19-Aug-16
	Final Completion Items	16	18-Aug-16	12-Sep-16
	Bridge 6164 - SR 0367	694	26-Mar-14	13-Dec-16
	ROW / Permits / Utilties	625	26-Mar-14	06-Sep-16
	Design, Bid, and Award	582	26-Mar-14	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 6191 - SR 414	328	03-Aug-15	11-Nov-16
	ROW / Permits / Utilties	302	03-Aug-15	06-Oct-16
	Design, Bid, and Award	251	03-Aug-15	19-Jul-16
	Submittals and Fabrication	60	19-Jul-16	10-Oct-16
	MPT, Demolition, Excavation, Piling	19	12-Sep-16	09-Oct-16
	Culvert	7	09-Oct-16	16-Oct-16
	Roadway	3	16-Oct-16	19-Oct-16
	Substanatial Completion	0	17-Oct-16	17-Oct-16
	Final Completion Items	16	19-Oct-16	11-Nov-16
	Bridge 6193 - SR 467	468	26-Mar-14	26-Jan-16
	ROW / Permits / Utilties	329	26-Mar-14	09-Jul-15
	Design, Bid, and Award	276	26-Mar-14	16-Apr-15
	Submittals and Fabrication	60	16-Apr-15	08-Jul-15
	MPT, Demolition, Excavation, Piling	85	10-Jun-15	20-Oct-15
	Substructure	80	22-Jul-15	20-Nov-15
	Superstructure	87	24-Aug-15	28-Dec-15
	Roadway	76	10-Sep-15	29-Dec-15
	Substanatial Completion	0	29-Dec-15	29-Dec-15
	Final Completion Items	18	28-Dec-15	26-Jan-16
	Bridge 6203 - SR 467	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	19	27-Aug-15	28-Sep-15
	Culvert	11	28-Sep-15	15-Oct-15
	Roadway	6	15-Oct-15	23-Oct-15
	Substanatial Completion	0	20-Oct-15	20-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 6216 - SR 0514	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15



Remaining Level of Effort
Actual Level of Effort
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Pennsylvania

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Master Schedule - Proposal - Bridge Sum

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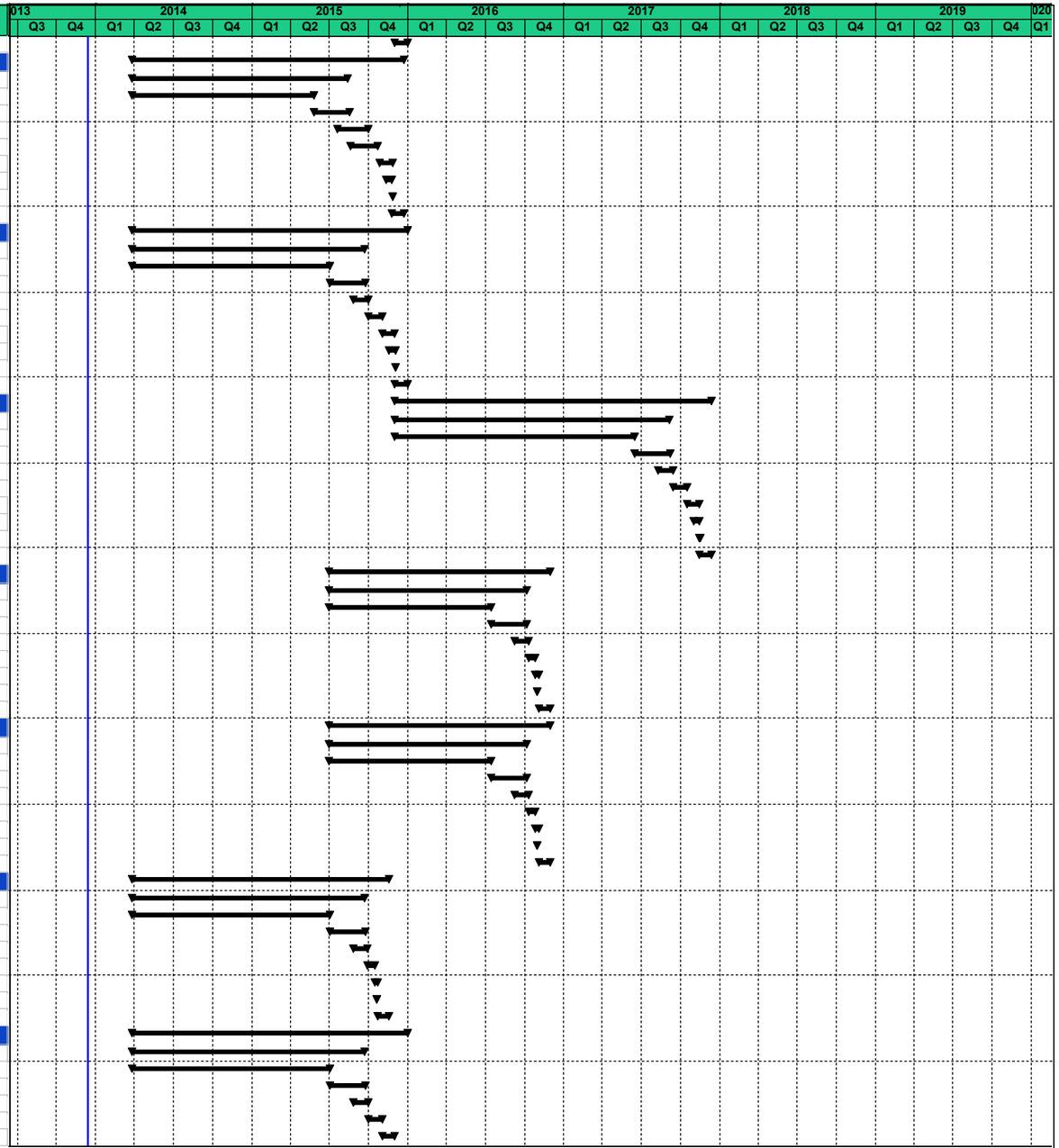
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 6224 - SR 0706	446	26-Mar-14	23-Dec-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	48	21-Jul-15	01-Oct-15
	Substructure	41	20-Aug-15	23-Oct-15
	Superstructure	22	26-Oct-15	26-Nov-15
	Roadway	9	12-Nov-15	25-Nov-15
	Substanatial Completion	0	26-Nov-15	26-Nov-15
	Final Completion Items	16	25-Nov-15	23-Dec-15
	Bridge 6227 - SR 0706	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 6348 - SR 1059	519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 6476 - SR 4013	362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
	Bridge 12486 - White Hall Road	362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
	Bridge 12555 - SR 254	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	19	27-Aug-15	28-Sep-15
	Culvert	11	28-Sep-15	15-Oct-15
	Roadway	6	15-Oct-15	23-Oct-15
	Substanatial Completion	0	20-Oct-15	20-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 12592 - SR 487	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15



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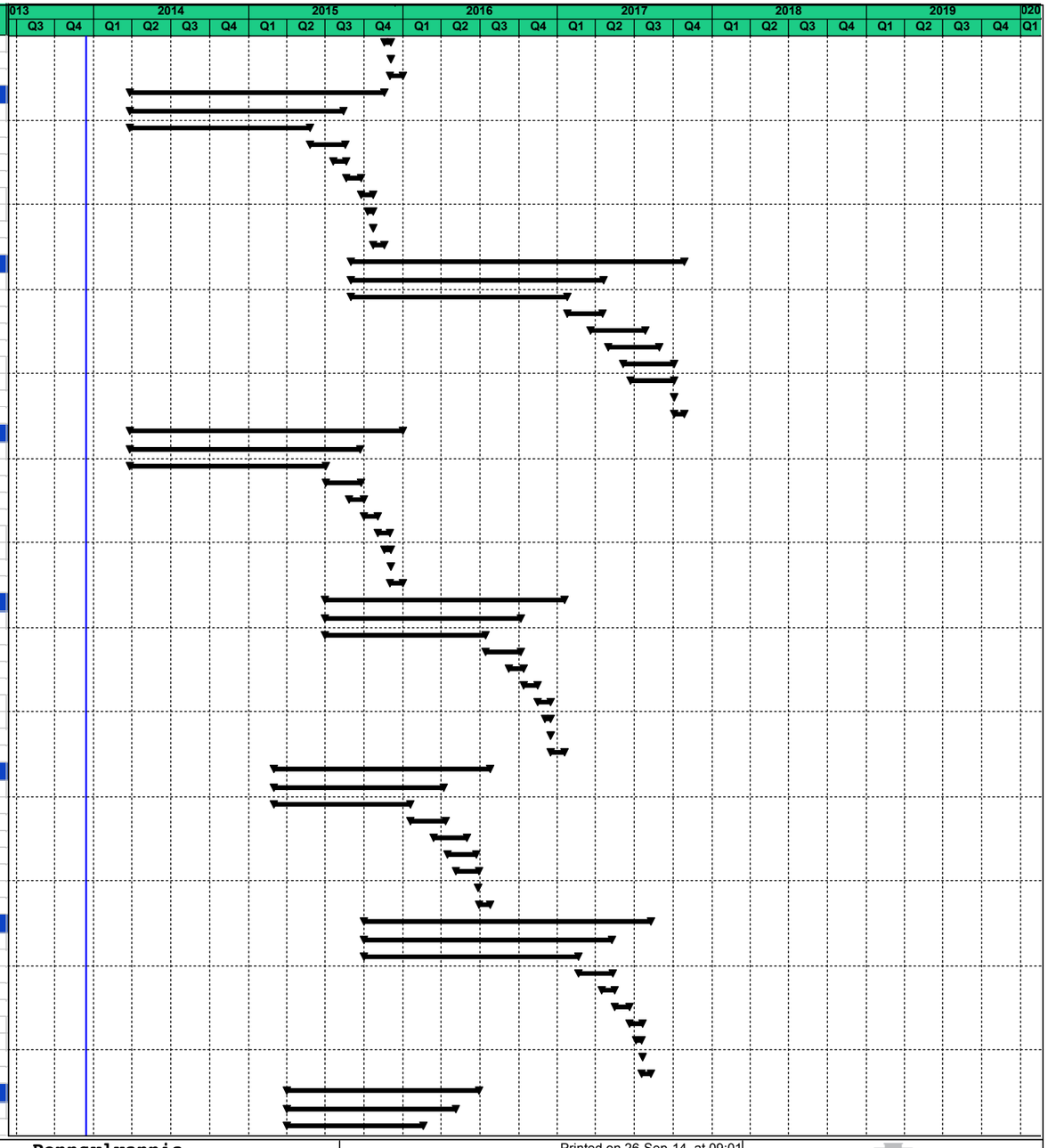
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 12738 - SR 4031	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 24511 - SR 0015	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 24566 - SR 44	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 24591 - SR 0087	393	01-Jul-15	16-Jan-17
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	21	08-Sep-16	13-Oct-16
	Substructure	22	13-Oct-16	15-Nov-16
	Superstructure	21	15-Nov-16	15-Dec-16
	Roadway	11	01-Dec-16	16-Dec-16
	Substanatial Completion	0	16-Dec-16	16-Dec-16
	Final Completion Items	17	16-Dec-16	16-Jan-17
	Bridge 24603 - SR 118 / TWP.RD.INTERS.	359	02-Mar-15	26-Jul-16
	ROW / Permits / Utilties	283	02-Mar-15	07-Apr-16
	Design, Bid, and Award	231	02-Mar-15	19-Jan-16
	Submittals and Fabrication	60	19-Jan-16	11-Apr-16
	MPT, Demolition, Excavation, Piling	51	14-Mar-16	01-Jun-16
	Culvert	44	15-Apr-16	22-Jun-16
	Roadway	36	05-May-16	30-Jun-16
	Substanatial Completion	0	27-Jun-16	27-Jun-16
	Final Completion Items	16	30-Jun-16	26-Jul-16
	Bridge 24748 - SR 414	475	01-Oct-15	10-Aug-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	21	14-Apr-17	16-May-17
	Substructure	22	16-May-17	20-Jun-17
	Superstructure	21	20-Jun-17	20-Jul-17
	Roadway	9	06-Jul-17	19-Jul-17
	Substanatial Completion	0	20-Jul-17	20-Jul-17
	Final Completion Items	16	19-Jul-17	10-Aug-17
	Bridge 24751 - SR 414	320	01-Apr-15	30-Jun-16
	ROW / Permits / Utilties	281	01-Apr-15	05-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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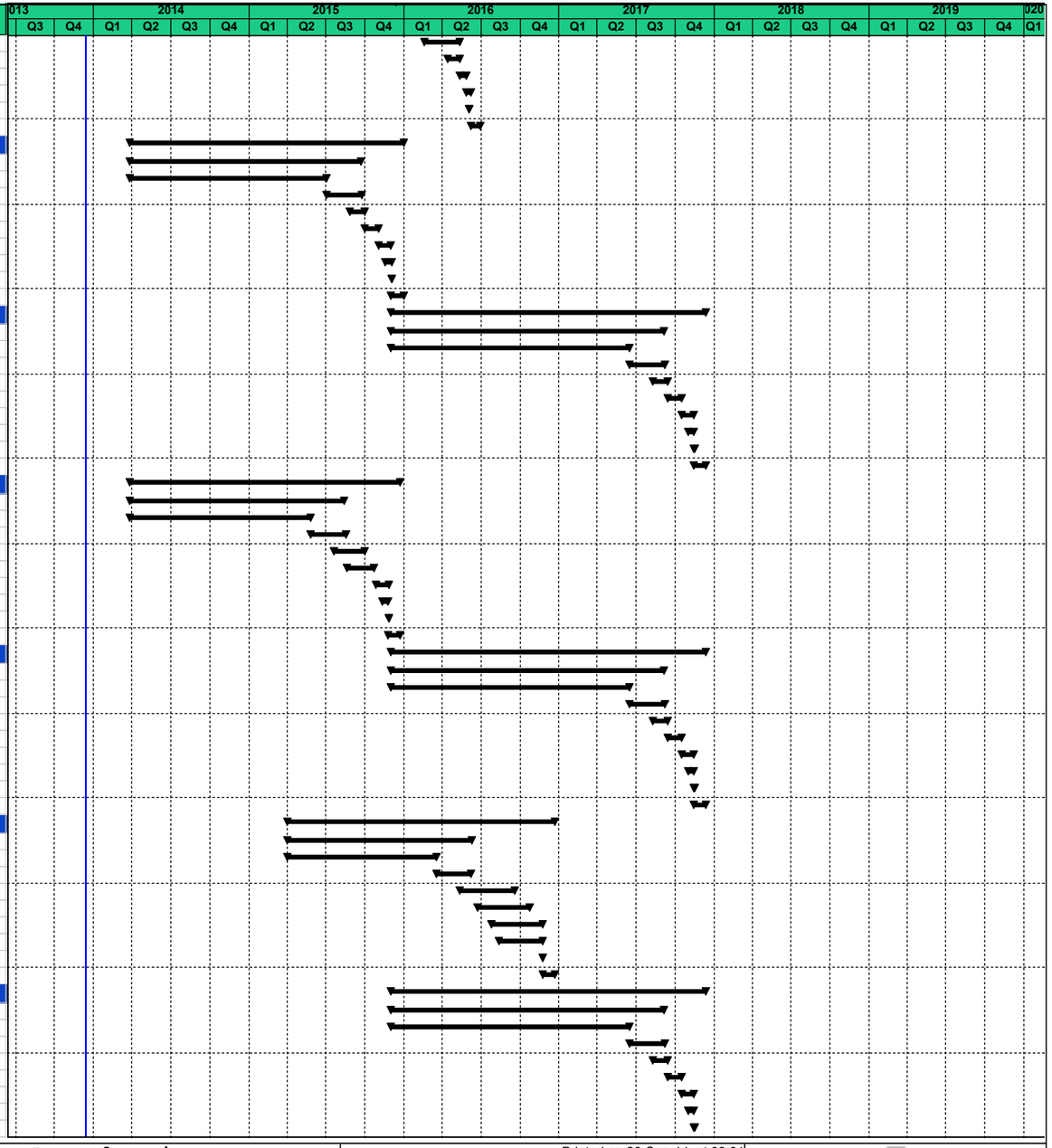
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	19	14-Apr-16	11-May-16
	Culvert	11	11-May-16	27-May-16
	Roadway	6	27-May-16	07-Jun-16
	Substanatial Completion	0	03-Jun-16	03-Jun-16
	Final Completion Items	16	07-Jun-16	30-Jun-16
Bridge 24850 - SR 2002		451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
Bridge 24881 - SR 2015		519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 24928 - SR 2050		446	26-Mar-14	23-Dec-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	48	21-Jul-15	01-Oct-15
	Substructure	41	20-Aug-15	23-Oct-15
	Superstructure	22	26-Oct-15	26-Nov-15
	Roadway	9	12-Nov-15	25-Nov-15
	Substanatial Completion	0	26-Nov-15	26-Nov-15
	Final Completion Items	16	25-Nov-15	23-Dec-15
Bridge 24938 - SR 2061		519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 28361 - SR 254		441	01-Apr-15	21-Dec-16
	ROW / Permits / Utilties	305	01-Apr-15	09-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	85	11-May-16	19-Sep-16
	Substructure	80	22-Jun-16	24-Oct-16
	Superstructure	85	26-Jul-16	24-Nov-16
	Roadway	73	11-Aug-16	23-Nov-16
	Substanatial Completion	0	24-Nov-16	24-Nov-16
	Final Completion Items	16	23-Nov-16	21-Dec-16
Bridge 28387 - SR 1006		519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
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Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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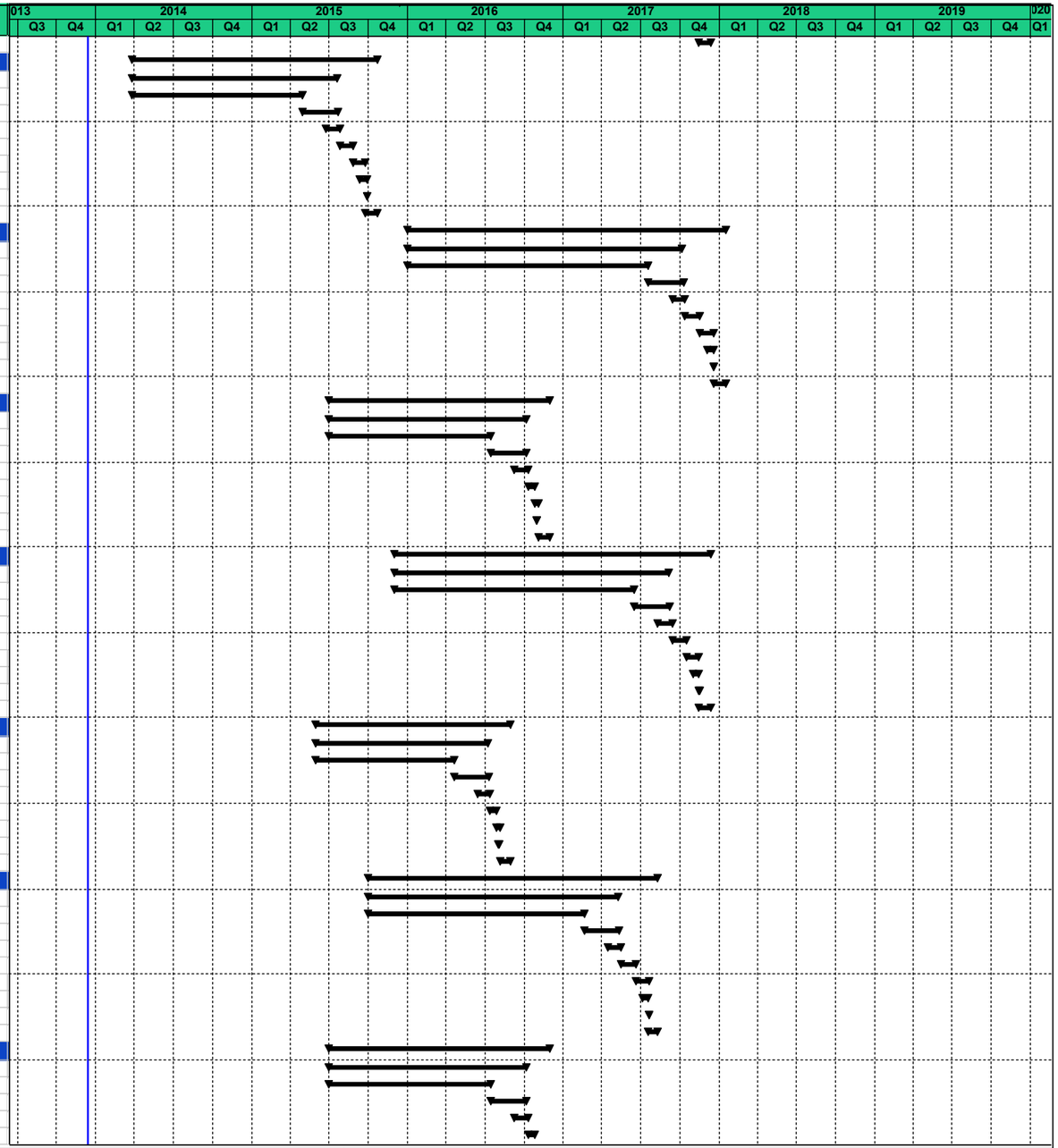
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 28389 - SR 1006		403	26-Mar-14	22-Oct-15
	ROW / Permits / Utilties	336	26-Mar-14	20-Jul-15
	Design, Bid, and Award	286	26-Mar-14	30-Apr-15
	Submittals and Fabrication	60	30-Apr-15	22-Jul-15
	MPT, Demolition, Excavation, Piling	21	24-Jun-15	27-Jul-15
	Substructure	22	27-Jul-15	27-Aug-15
	Superstructure	20	27-Aug-15	25-Sep-15
	Roadway	11	11-Sep-15	28-Sep-15
	Substanatial Completion	0	28-Sep-15	28-Sep-15
	Final Completion Items	17	25-Sep-15	22-Oct-15
Bridge 29174 - SR 1027		520	01-Jan-16	16-Jan-18
	ROW / Permits / Utilties	450	01-Jan-16	05-Oct-17
	Design, Bid, and Award	403	01-Jan-16	19-Jul-17
	Submittals and Fabrication	60	19-Jul-17	10-Oct-17
	MPT, Demolition, Excavation, Piling	21	13-Sep-17	13-Oct-17
	Substructure	22	13-Oct-17	16-Nov-17
	Superstructure	21	16-Nov-17	18-Dec-17
	Roadway	11	04-Dec-17	19-Dec-17
	Substanatial Completion	0	20-Dec-17	20-Dec-17
	Final Completion Items	17	18-Dec-17	16-Jan-18
Bridge 29178 - SR 2001		362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
Bridge 29303 - SR 4020		519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 29306 - SR 4022		320	01-Jun-15	30-Aug-16
	ROW / Permits / Utilties	282	01-Jun-15	07-Jul-16
	Design, Bid, and Award	231	01-Jun-15	19-Apr-16
	Submittals and Fabrication	60	19-Apr-16	11-Jul-16
	MPT, Demolition, Excavation, Piling	19	13-Jun-16	12-Jul-16
	Culvert	11	12-Jul-16	28-Jul-16
	Roadway	6	28-Jul-16	05-Aug-16
	Substanatial Completion	0	02-Aug-16	02-Aug-16
	Final Completion Items	16	05-Aug-16	30-Aug-16
Bridge 29311 - SR 4026		475	01-Oct-15	10-Aug-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	21	14-Apr-17	16-May-17
	Substructure	22	16-May-17	20-Jun-17
	Superstructure	21	20-Jun-17	20-Jul-17
	Roadway	9	06-Jul-17	19-Jul-17
	Substanatial Completion	0	20-Jul-17	20-Jul-17
	Final Completion Items	16	19-Jul-17	10-Aug-17
Bridge 31169 - OLD TRAIL		362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
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Summary

Pennsylvania

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Master Schedule - Proposal - Bridge Sum

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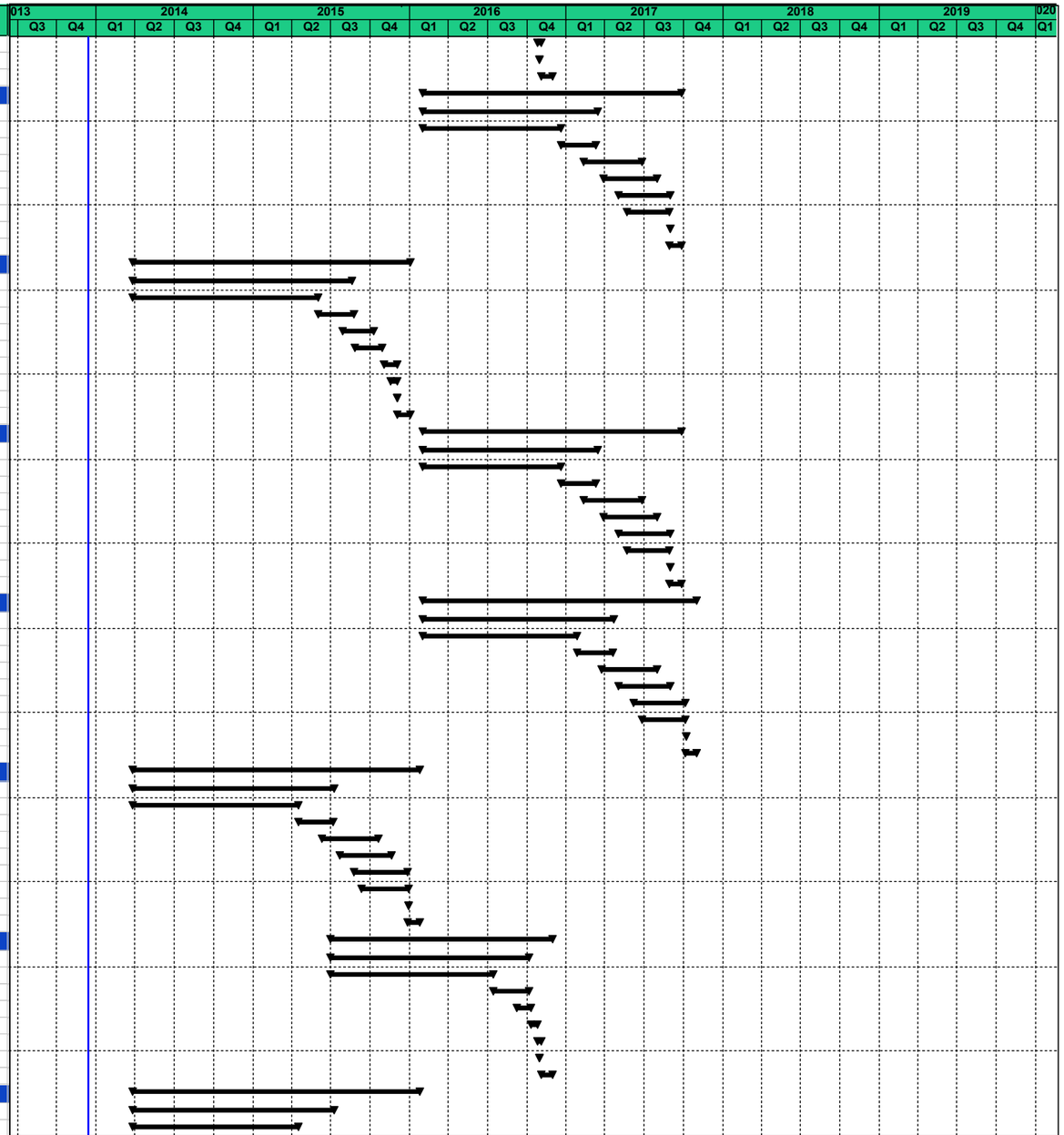
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
	Bridge 31948 - SR 87	423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 31966 - SR 87	452	26-Mar-14	04-Jan-16
	ROW / Permits / Utilties	359	26-Mar-14	20-Aug-15
	Design, Bid, and Award	310	26-Mar-14	03-Jun-15
	Submittals and Fabrication	60	03-Jun-15	25-Aug-15
	MPT, Demolition, Excavation, Piling	48	28-Jul-15	09-Oct-15
	Substructure	41	27-Aug-15	30-Oct-15
	Superstructure	22	02-Nov-15	03-Dec-15
	Roadway	10	19-Nov-15	04-Dec-15
	Substanatial Completion	0	04-Dec-15	04-Dec-15
	Final Completion Items	17	03-Dec-15	04-Jan-16
	Bridge 31981 - SR 154	423	01-Feb-16	26-Sep-17
	ROW / Permits / Utilties	288	01-Feb-16	16-Mar-17
	Design, Bid, and Award	230	01-Feb-16	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 32822 - SR 49	448	01-Feb-16	31-Oct-17
	ROW / Permits / Utilties	314	01-Feb-16	21-Apr-17
	Design, Bid, and Award	259	01-Feb-16	27-Jan-17
	Submittals and Fabrication	60	27-Jan-17	20-Apr-17
	MPT, Demolition, Excavation, Piling	85	24-Mar-17	01-Aug-17
	Substructure	80	03-May-17	01-Sep-17
	Superstructure	85	07-Jun-17	06-Oct-17
	Roadway	71	26-Jun-17	05-Oct-17
	Substanatial Completion	0	07-Oct-17	07-Oct-17
	Final Completion Items	16	05-Oct-17	31-Oct-17
	Bridge 32843 - SR 249	468	26-Mar-14	26-Jan-16
	ROW / Permits / Utilties	329	26-Mar-14	09-Jul-15
	Design, Bid, and Award	276	26-Mar-14	16-Apr-15
	Submittals and Fabrication	60	16-Apr-15	08-Jul-15
	MPT, Demolition, Excavation, Piling	85	10-Jun-15	20-Oct-15
	Substructure	80	22-Jul-15	20-Nov-15
	Superstructure	87	24-Aug-15	28-Dec-15
	Roadway	76	10-Sep-15	29-Dec-15
	Substanatial Completion	0	29-Dec-15	29-Dec-15
	Final Completion Items	18	28-Dec-15	26-Jan-16
	Bridge 32931 - SR 549	362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
	Bridge 33080	468	26-Mar-14	26-Jan-16
	ROW / Permits / Utilties	329	26-Mar-14	09-Jul-15
	Design, Bid, and Award	276	26-Mar-14	16-Apr-15



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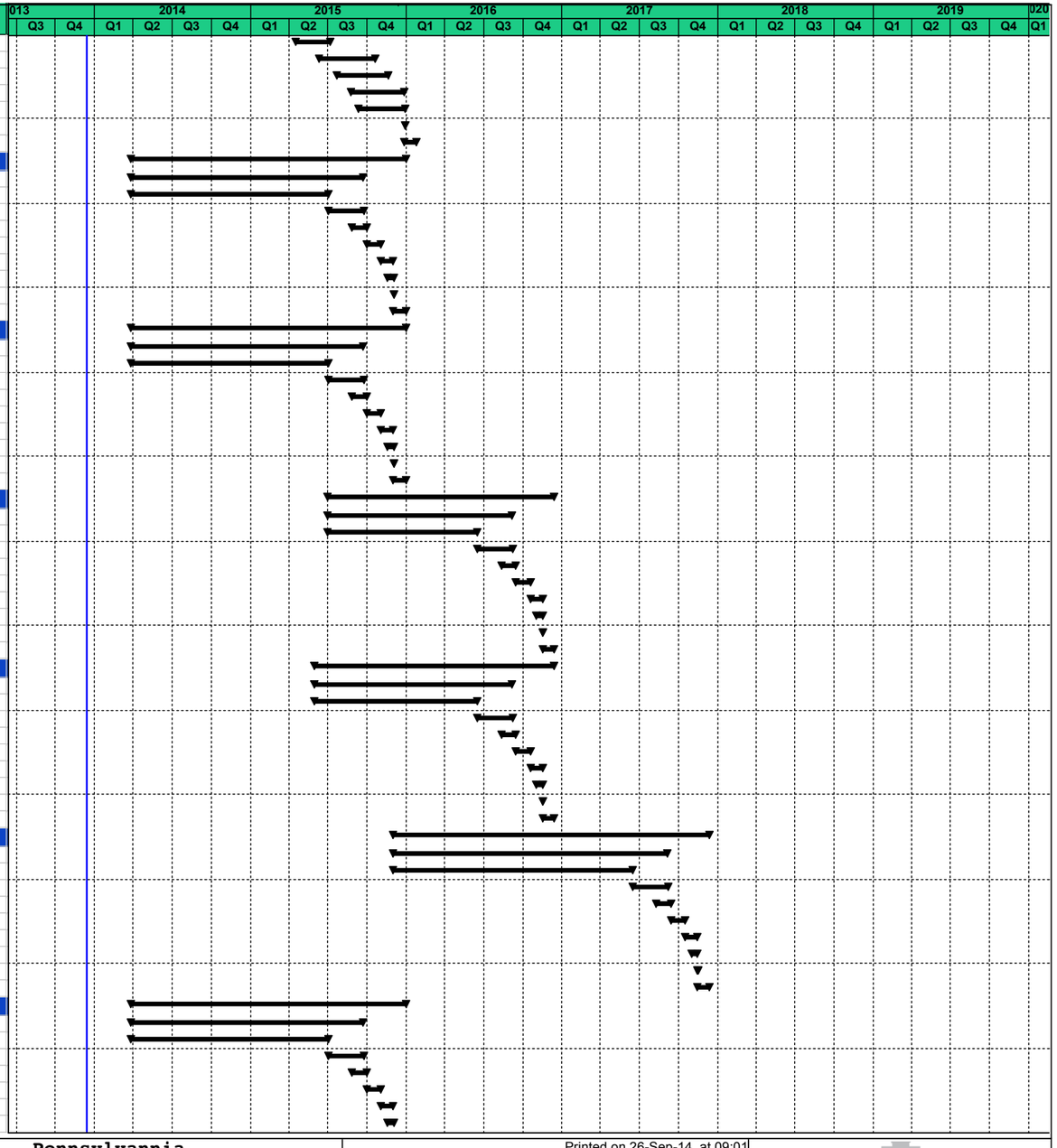
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	16-Apr-15	08-Jul-15
	MPT, Demolition, Excavation, Piling	85	10-Jun-15	20-Oct-15
	Substructure	80	22-Jul-15	20-Nov-15
	Superstructure	87	24-Aug-15	28-Dec-15
	Roadway	76	10-Sep-15	29-Dec-15
	Substanatial Completion	0	29-Dec-15	29-Dec-15
	Final Completion Items	18	28-Dec-15	26-Jan-16
	Bridge 33083	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 33180 - SR 4017	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 33209 - SR 4035	371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 33469 - SR 1001	393	01-Jun-15	13-Dec-16
	ROW / Permits / Utilties	324	01-Jun-15	06-Sep-16
	Design, Bid, and Award	274	01-Jun-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 33470 - SR 1001	519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 33478 - SR 1003	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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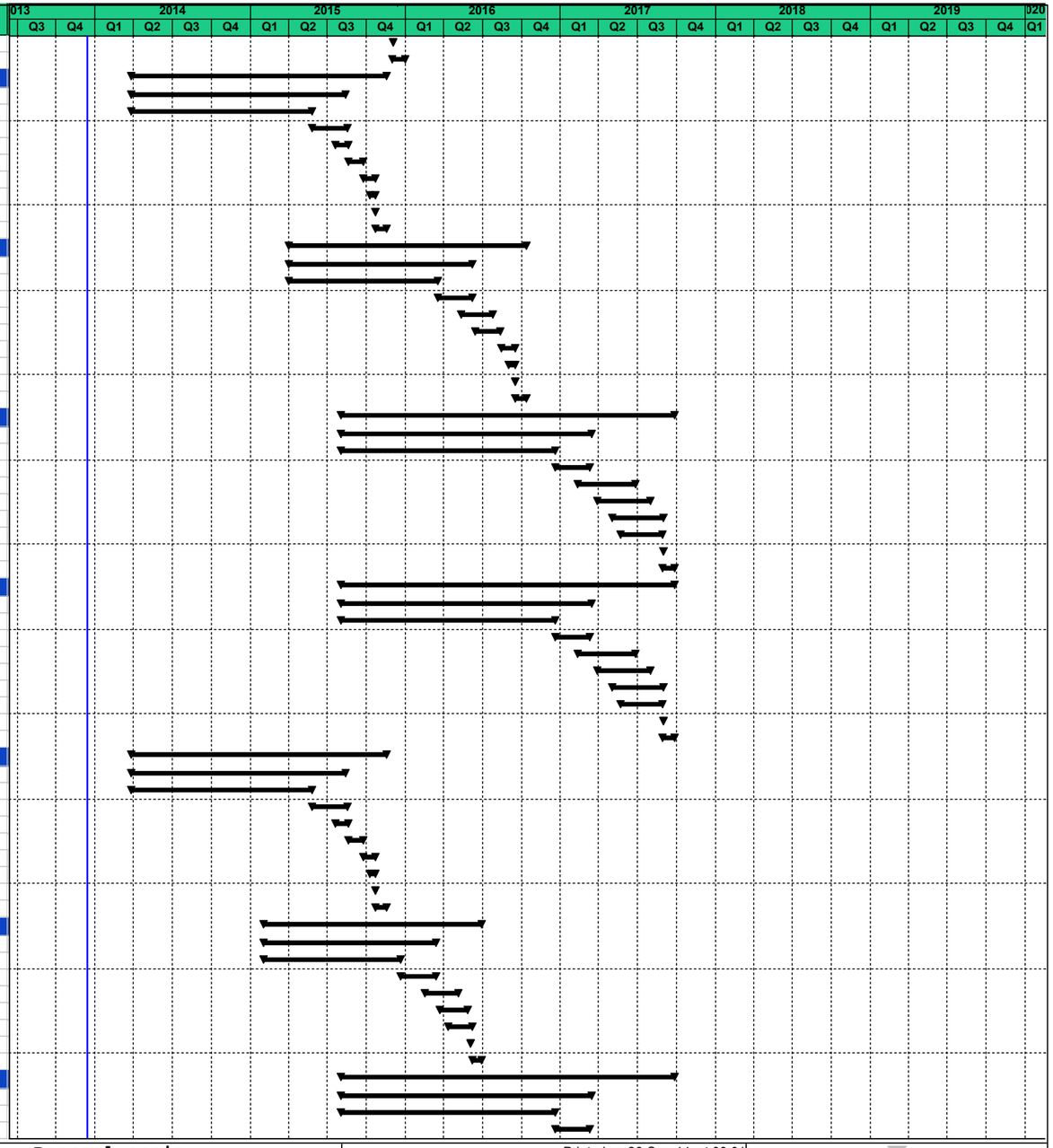
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 33543 - SR 3002	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 20820 - SR 4019	393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
	Bridge 23795 - SR 0115	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 24493 - SR 8005	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 29947 - SR 1007	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 29982 - SR 2006	362	02-Feb-15	30-Jun-16
	ROW / Permits / Utilties	285	02-Feb-15	14-Mar-16
	Design, Bid, and Award	231	02-Feb-15	22-Dec-15
	Submittals and Fabrication	60	22-Dec-15	14-Mar-16
	MPT, Demolition, Excavation, Piling	51	15-Feb-16	05-May-16
	Culvert	44	22-Mar-16	27-May-16
	Roadway	36	12-Apr-16	07-Jun-16
	Substanatial Completion	0	02-Jun-16	02-Jun-16
	Final Completion Items	16	07-Jun-16	30-Jun-16
	Bridge 32153 - SR 0011	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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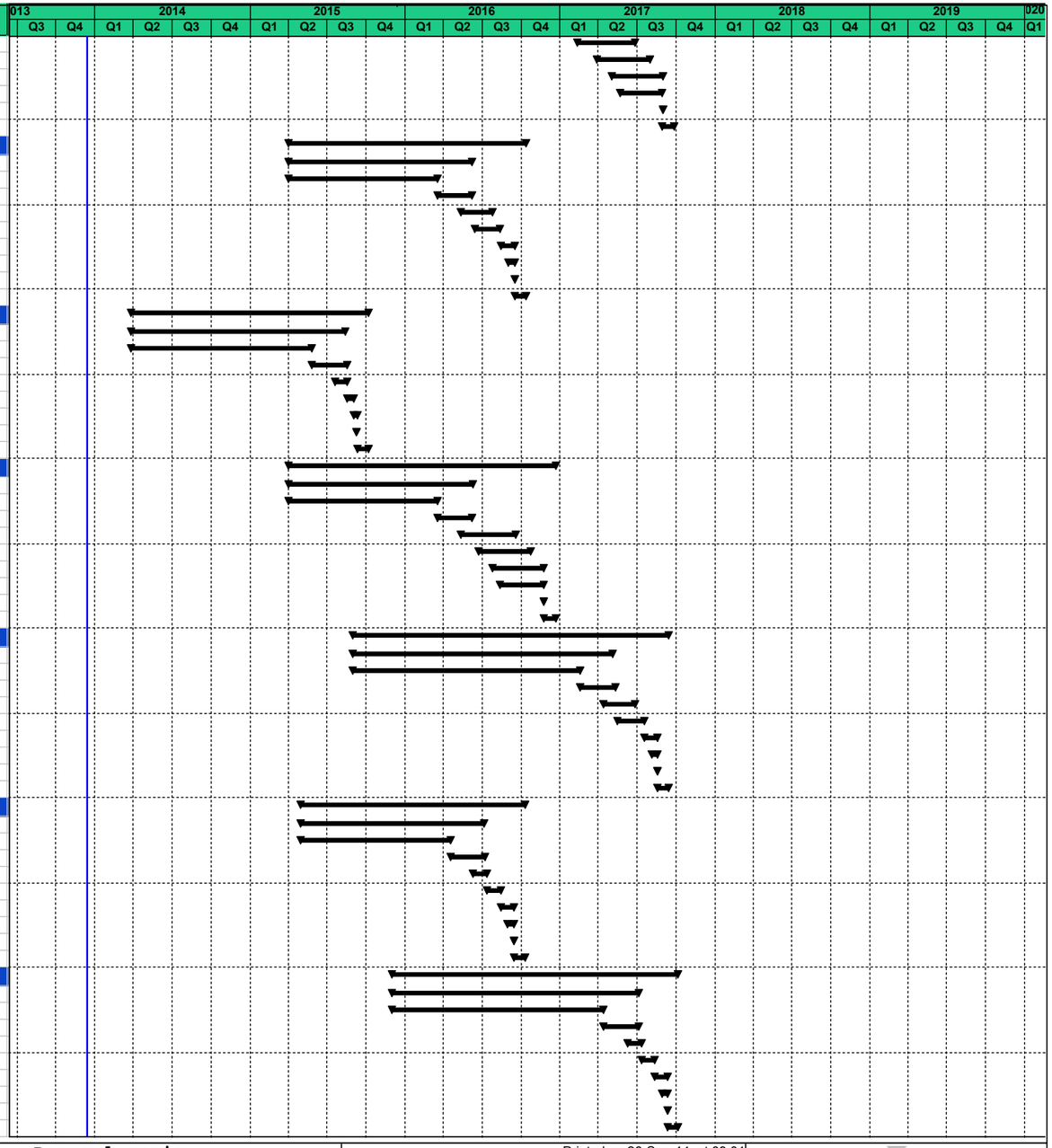
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 32244 - SR 0106	393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
	Bridge 32307 - SR 0267	393	26-Mar-14	08-Oct-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	19	21-Jul-15	18-Aug-15
	Culvert	11	18-Aug-15	02-Sep-15
	Roadway	6	02-Sep-15	11-Sep-15
	Substanatial Completion	0	08-Sep-15	08-Sep-15
	Final Completion Items	16	11-Sep-15	08-Oct-15
	Bridge 32308 - SR 0267	441	01-Apr-15	21-Dec-16
	ROW / Permits / Utilties	305	01-Apr-15	09-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	85	11-May-16	19-Sep-16
	Substructure	80	22-Jun-16	24-Oct-16
	Superstructure	85	26-Jul-16	24-Nov-16
	Roadway	73	11-Aug-16	23-Nov-16
	Substanatial Completion	0	24-Nov-16	24-Nov-16
	Final Completion Items	16	23-Nov-16	21-Dec-16
	Bridge 32327 - SR 0374	519	01-Sep-15	13-Sep-17
	ROW / Permits / Utilties	429	01-Sep-15	05-May-17
	Design, Bid, and Award	383	01-Sep-15	17-Feb-17
	Submittals and Fabrication	60	17-Feb-17	11-May-17
	MPT, Demolition, Excavation, Piling	48	13-Apr-17	26-Jun-17
	Substructure	41	15-May-17	18-Jul-17
	Superstructure	22	19-Jul-17	18-Aug-17
	Roadway	10	04-Aug-17	18-Aug-17
	Substanatial Completion	0	18-Aug-17	18-Aug-17
	Final Completion Items	16	18-Aug-17	13-Sep-17
	Bridge 32365 - SR 0706	368	01-May-15	10-Oct-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	21	10-Jun-16	13-Jul-16
	Substructure	22	13-Jul-16	15-Aug-16
	Superstructure	20	15-Aug-16	13-Sep-16
	Roadway	9	30-Aug-16	13-Sep-16
	Substanatial Completion	0	13-Sep-16	13-Sep-16
	Final Completion Items	16	13-Sep-16	10-Oct-16
	Bridge 32378 - SR 0858	472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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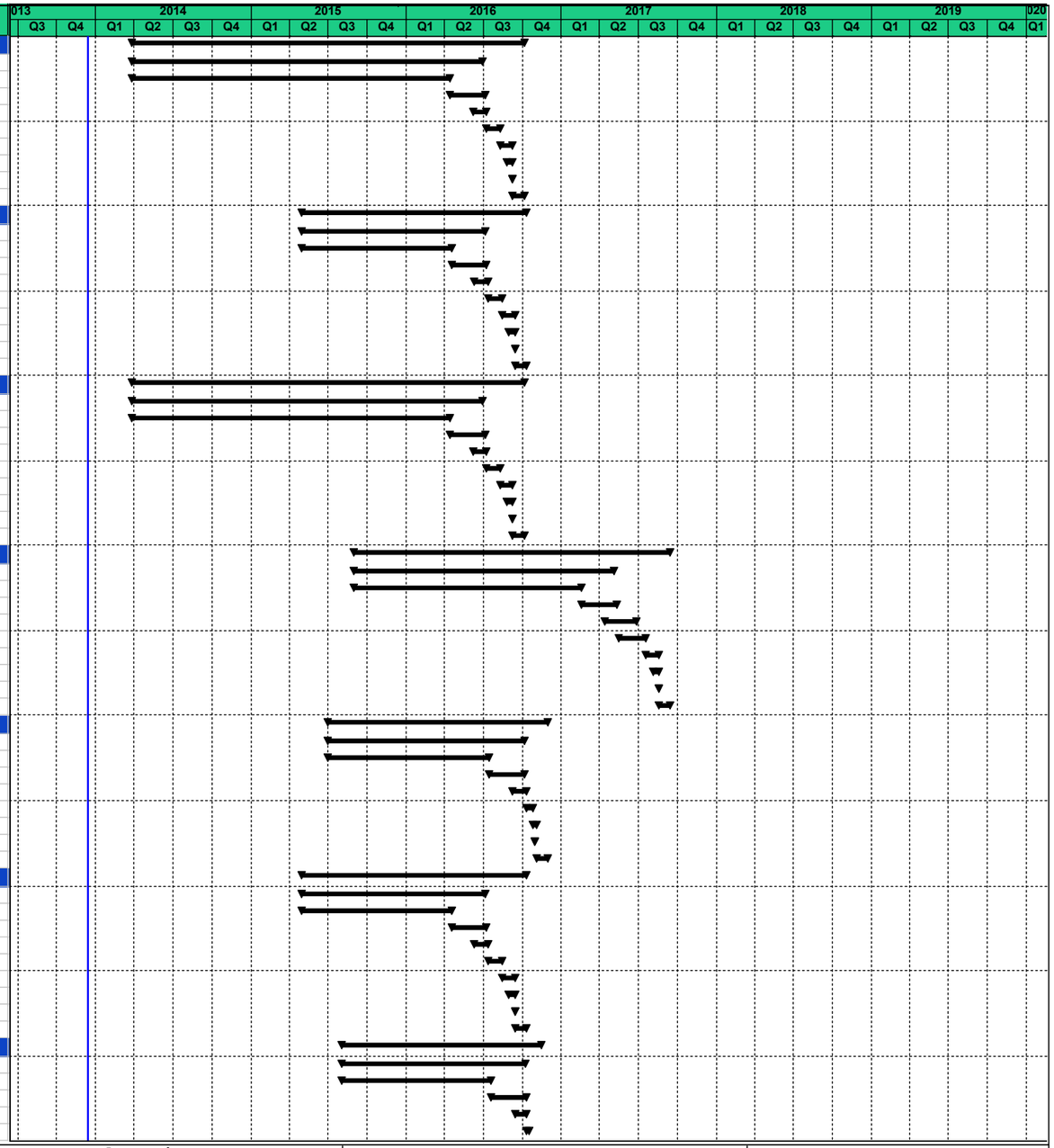
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
Bridge 32401 - SR 1007		646	26-Mar-14	05-Oct-16
ROW / Permits / Utilties		579	26-Mar-14	30-Jun-16
Design, Bid, and Award		535	26-Mar-14	13-Apr-16
Submittals and Fabrication		60	13-Apr-16	05-Jul-16
MPT, Demolition, Excavation, Piling		21	07-Jun-16	08-Jul-16
Substructure		22	08-Jul-16	10-Aug-16
Superstructure		20	10-Aug-16	08-Sep-16
Roadway		9	25-Aug-16	08-Sep-16
Substanatial Completion		0	08-Sep-16	08-Sep-16
Final Completion Items		16	08-Sep-16	05-Oct-16
Bridge 32437 - SR 1018		368	01-May-15	10-Oct-16
ROW / Permits / Utilties		301	01-May-15	06-Jul-16
Design, Bid, and Award		251	01-May-15	18-Apr-16
Submittals and Fabrication		60	18-Apr-16	08-Jul-16
MPT, Demolition, Excavation, Piling		21	10-Jun-16	13-Jul-16
Substructure		22	13-Jul-16	15-Aug-16
Superstructure		20	15-Aug-16	13-Sep-16
Roadway		9	30-Aug-16	13-Sep-16
Substanatial Completion		0	13-Sep-16	13-Sep-16
Final Completion Items		16	13-Sep-16	10-Oct-16
Bridge 32478 - SR 2008		646	26-Mar-14	05-Oct-16
ROW / Permits / Utilties		579	26-Mar-14	30-Jun-16
Design, Bid, and Award		535	26-Mar-14	13-Apr-16
Submittals and Fabrication		60	13-Apr-16	05-Jul-16
MPT, Demolition, Excavation, Piling		21	07-Jun-16	08-Jul-16
Substructure		22	08-Jul-16	10-Aug-16
Superstructure		20	10-Aug-16	08-Sep-16
Roadway		9	25-Aug-16	08-Sep-16
Substanatial Completion		0	08-Sep-16	08-Sep-16
Final Completion Items		16	08-Sep-16	05-Oct-16
Bridge 32507 - SR 2021		519	01-Sep-15	13-Sep-17
ROW / Permits / Utilties		429	01-Sep-15	05-May-17
Design, Bid, and Award		383	01-Sep-15	17-Feb-17
Submittals and Fabrication		60	17-Feb-17	11-May-17
MPT, Demolition, Excavation, Piling		48	13-Apr-17	26-Jun-17
Substructure		41	15-May-17	18-Jul-17
Superstructure		22	19-Jul-17	18-Aug-17
Roadway		10	04-Aug-17	18-Aug-17
Substanatial Completion		0	18-Aug-17	18-Aug-17
Final Completion Items		16	18-Aug-17	13-Sep-17
Bridge 32647 - SR 4002		362	01-Jul-15	30-Nov-16
ROW / Permits / Utilties		323	01-Jul-15	05-Oct-16
Design, Bid, and Award		272	01-Jul-15	15-Jul-16
Submittals and Fabrication		60	15-Jul-16	06-Oct-16
MPT, Demolition, Excavation, Piling		19	08-Sep-16	10-Oct-16
Culvert		11	10-Oct-16	26-Oct-16
Roadway		6	26-Oct-16	03-Nov-16
Substanatial Completion		0	31-Oct-16	31-Oct-16
Final Completion Items		16	03-Nov-16	30-Nov-16
Bridge 35471 - SR 0191		368	01-May-15	10-Oct-16
ROW / Permits / Utilties		301	01-May-15	06-Jul-16
Design, Bid, and Award		251	01-May-15	18-Apr-16
Submittals and Fabrication		60	18-Apr-16	08-Jul-16
MPT, Demolition, Excavation, Piling		21	10-Jun-16	13-Jul-16
Substructure		22	13-Jul-16	15-Aug-16
Superstructure		20	15-Aug-16	13-Sep-16
Roadway		9	30-Aug-16	13-Sep-16
Substanatial Completion		0	13-Sep-16	13-Sep-16
Final Completion Items		16	13-Sep-16	10-Oct-16
Bridge 35508 - TR 296		329	03-Aug-15	14-Nov-16
ROW / Permits / Utilties		303	03-Aug-15	07-Oct-16
Design, Bid, and Award		252	03-Aug-15	20-Jul-16
Submittals and Fabrication		60	20-Jul-16	11-Oct-16
MPT, Demolition, Excavation, Piling		19	13-Sep-16	10-Oct-16
Culvert		7	10-Oct-16	17-Oct-16



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Master Schedule - Proposal - Bridge Sum

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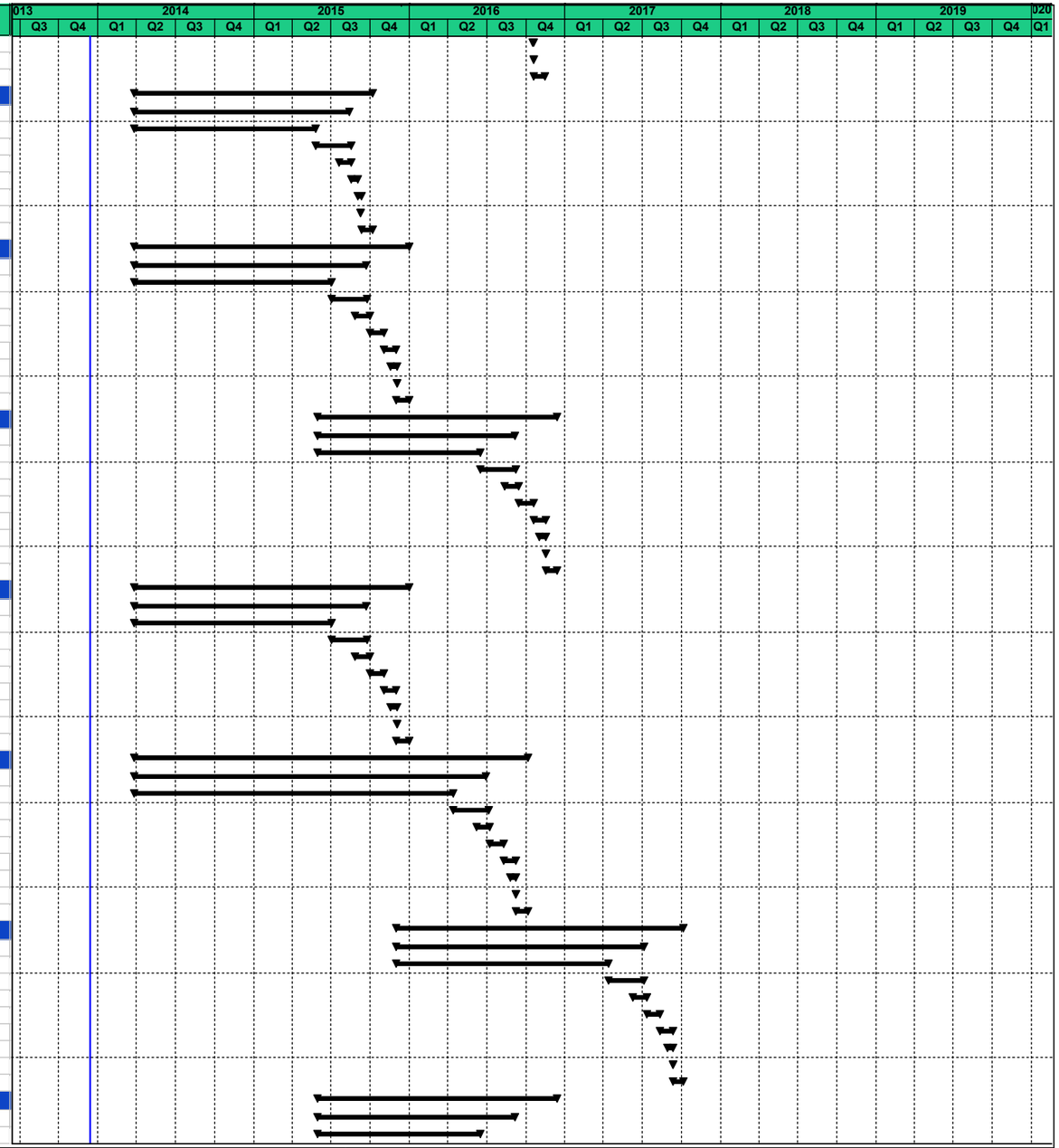
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	3	17-Oct-16	20-Oct-16
	Substanatial Completion	0	18-Oct-16	18-Oct-16
	Final Completion Items	16	20-Oct-16	14-Nov-16
	Bridge 35624 - SR 1018	393	26-Mar-14	08-Oct-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	19	21-Jul-15	18-Aug-15
	Culvert	11	18-Aug-15	02-Sep-15
	Roadway	6	02-Sep-15	11-Sep-15
	Substanatial Completion	0	08-Sep-15	08-Sep-15
	Final Completion Items	16	11-Sep-15	08-Oct-15
	Bridge 35654 - SR 2007	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 35675 - SR 3006	393	01-Jun-15	13-Dec-16
	ROW / Permits / Utilties	324	01-Jun-15	06-Sep-16
	Design, Bid, and Award	274	01-Jun-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 35765 - SR 4014	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 35802 - SR 4033	646	26-Mar-14	05-Oct-16
	ROW / Permits / Utilties	579	26-Mar-14	30-Jun-16
	Design, Bid, and Award	535	26-Mar-14	13-Apr-16
	Submittals and Fabrication	60	13-Apr-16	05-Jul-16
	MPT, Demolition, Excavation, Piling	21	07-Jun-16	08-Jul-16
	Substructure	22	08-Jul-16	10-Aug-16
	Superstructure	20	10-Aug-16	08-Sep-16
	Roadway	9	25-Aug-16	08-Sep-16
	Substanatial Completion	0	08-Sep-16	08-Sep-16
	Final Completion Items	16	08-Sep-16	05-Oct-16
	Bridge 35810 - SR 4037	472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
	Bridge 37163 - SR 0267	393	01-Jun-15	13-Dec-16
	ROW / Permits / Utilties	324	01-Jun-15	06-Sep-16
	Design, Bid, and Award	274	01-Jun-15	17-Jun-16



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Pennsylvania

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Master Schedule - Proposal - Bridge Sum

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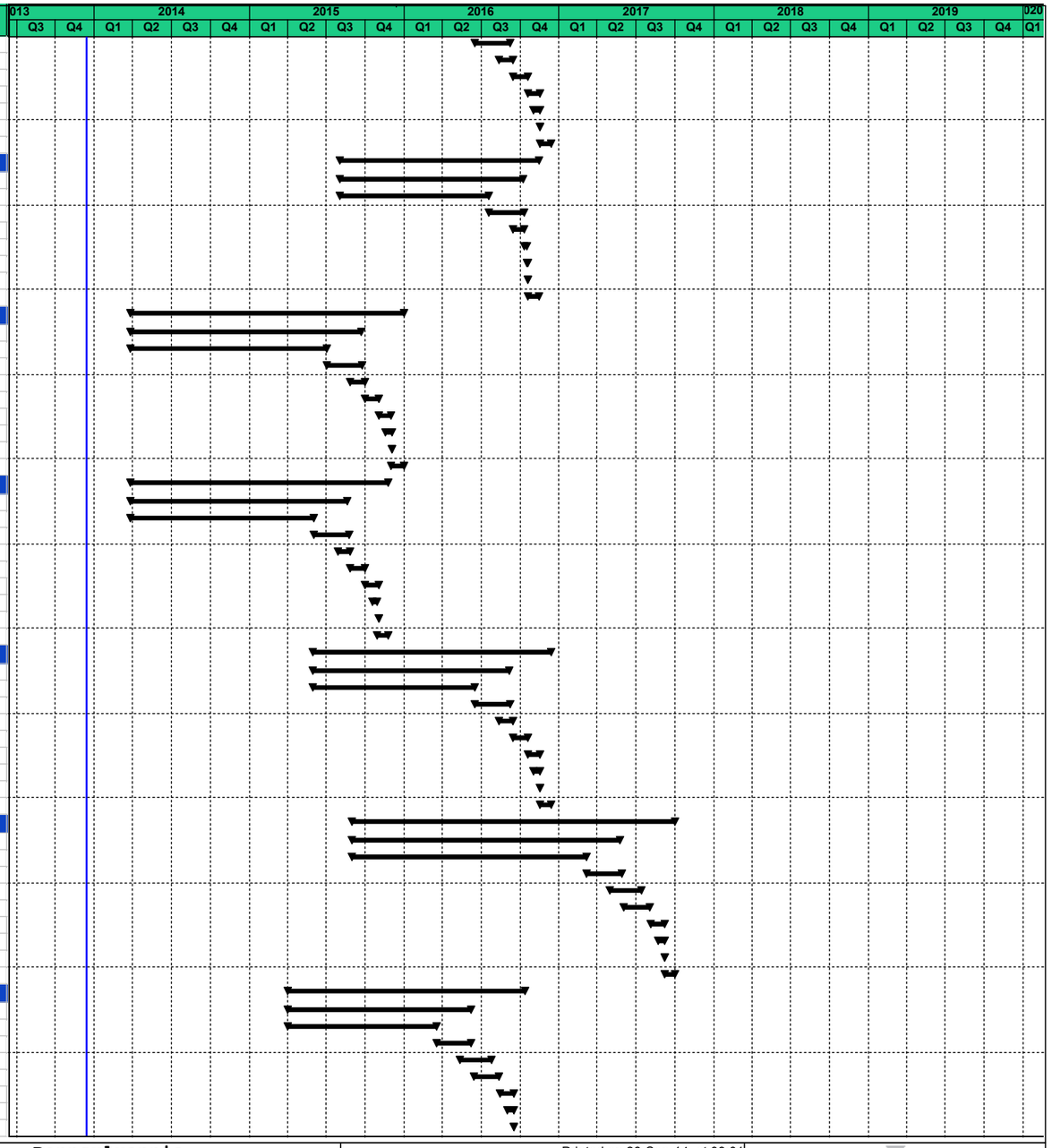
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 37172 - SR 0292		329	03-Aug-15	14-Nov-16
	ROW / Permits / Utilties	303	03-Aug-15	07-Oct-16
	Design, Bid, and Award	252	03-Aug-15	20-Jul-16
	Submittals and Fabrication	60	20-Jul-16	11-Oct-16
	MPT, Demolition, Excavation, Piling	19	13-Sep-16	10-Oct-16
	Culvert	7	10-Oct-16	17-Oct-16
	Roadway	3	17-Oct-16	20-Oct-16
	Substanatial Completion	0	18-Oct-16	18-Oct-16
	Final Completion Items	16	20-Oct-16	14-Nov-16
Bridge 37192 - SR 1001		451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
Bridge 37222 - SR 2001		426	26-Mar-14	24-Nov-15
	ROW / Permits / Utilties	359	26-Mar-14	20-Aug-15
	Design, Bid, and Award	310	26-Mar-14	03-Jun-15
	Submittals and Fabrication	60	03-Jun-15	25-Aug-15
	MPT, Demolition, Excavation, Piling	21	28-Jul-15	27-Aug-15
	Substructure	22	27-Aug-15	01-Oct-15
	Superstructure	22	01-Oct-15	02-Nov-15
	Roadway	9	19-Oct-15	30-Oct-15
	Substanatial Completion	0	02-Nov-15	02-Nov-15
	Final Completion Items	16	30-Oct-15	24-Nov-15
Bridge 4900 - LR518		393	01-Jun-15	13-Dec-16
	ROW / Permits / Utilties	324	01-Jun-15	06-Sep-16
	Design, Bid, and Award	274	01-Jun-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 4946 - SR 1004		532	01-Sep-15	02-Oct-17
	ROW / Permits / Utilties	443	01-Sep-15	25-May-17
	Design, Bid, and Award	395	01-Sep-15	07-Mar-17
	Submittals and Fabrication	60	07-Mar-17	29-May-17
	MPT, Demolition, Excavation, Piling	48	01-May-17	14-Jul-17
	Substructure	41	02-Jun-17	03-Aug-17
	Superstructure	22	04-Aug-17	06-Sep-17
	Roadway	9	23-Aug-17	06-Sep-17
	Substanatial Completion	0	06-Sep-17	06-Sep-17
	Final Completion Items	16	06-Sep-17	02-Oct-17
Bridge 4953 - SR 1006		393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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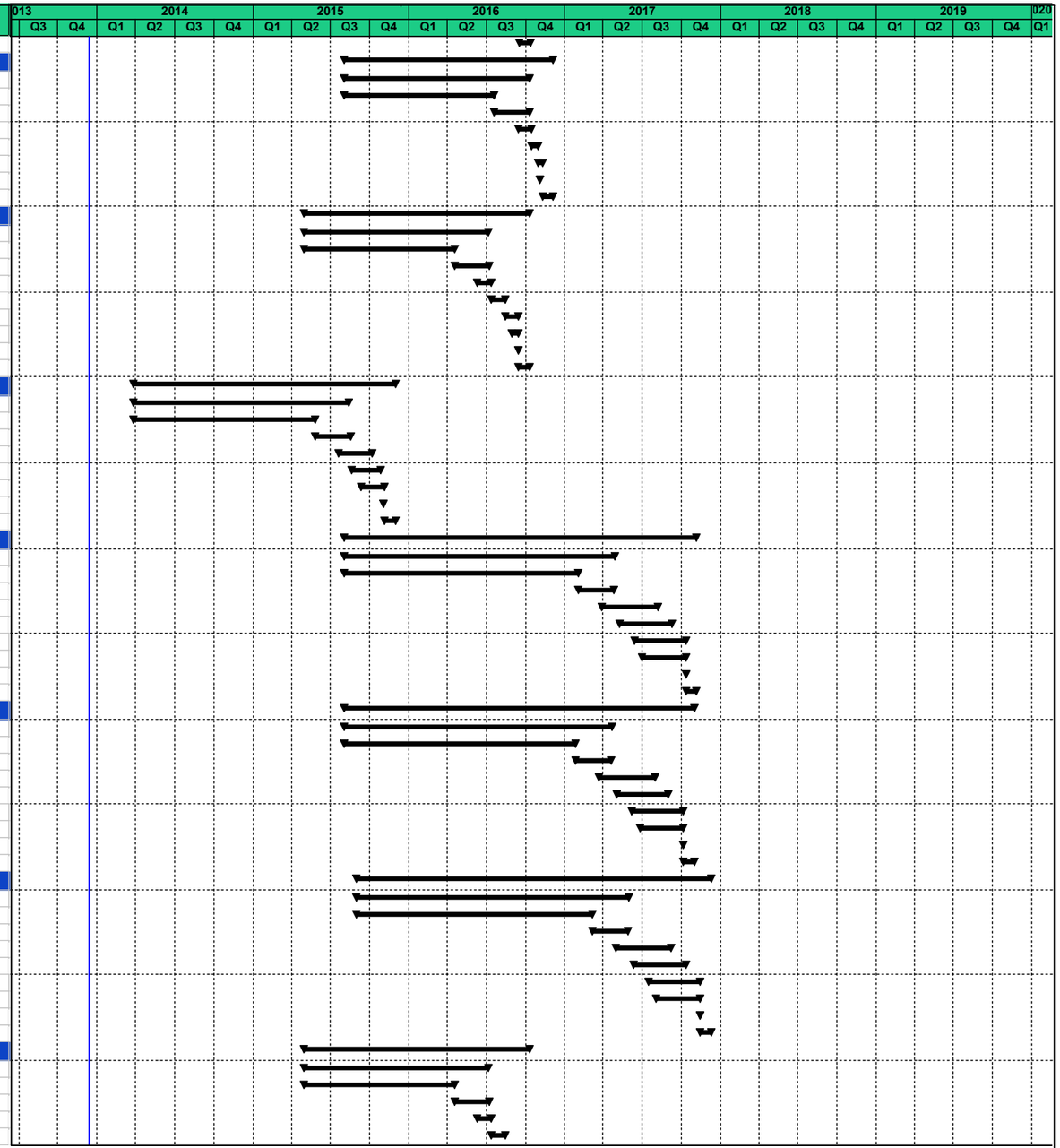
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	17	15-Sep-16	13-Oct-16
	Bridge 4957 - SR 1008	343	03-Aug-15	05-Dec-16
	ROW / Permits / Utilties	304	03-Aug-15	10-Oct-16
	Design, Bid, and Award	252	03-Aug-15	20-Jul-16
	Submittals and Fabrication	60	20-Jul-16	11-Oct-16
	MPT, Demolition, Excavation, Piling	19	13-Sep-16	14-Oct-16
	Culvert	11	14-Oct-16	31-Oct-16
	Roadway	6	31-Oct-16	09-Nov-16
	Substanatial Completion	0	03-Nov-16	03-Nov-16
	Final Completion Items	16	09-Nov-16	05-Dec-16
	Bridge 5147 - SR 3009	368	01-May-15	10-Oct-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	21	10-Jun-16	13-Jul-16
	Substructure	22	13-Jul-16	15-Aug-16
	Superstructure	20	15-Aug-16	13-Sep-16
	Roadway	9	30-Aug-16	13-Sep-16
	Substanatial Completion	0	13-Sep-16	13-Sep-16
	Final Completion Items	16	13-Sep-16	10-Oct-16
	Bridge 8994 - US 209	431	26-Mar-14	02-Dec-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	51	21-Jul-15	07-Oct-15
	Culvert	44	20-Aug-15	28-Oct-15
	Roadway	36	10-Sep-15	05-Nov-15
	Substanatial Completion	0	02-Nov-15	02-Nov-15
	Final Completion Items	16	05-Nov-15	02-Dec-15
	Bridge 9104 - SR 4010	578	03-Aug-15	06-Nov-17
	ROW / Permits / Utilties	444	03-Aug-15	27-Apr-17
	Design, Bid, and Award	393	03-Aug-15	02-Feb-17
	Submittals and Fabrication	60	02-Feb-17	26-Apr-17
	MPT, Demolition, Excavation, Piling	85	29-Mar-17	07-Aug-17
	Substructure	80	10-May-17	08-Sep-17
	Superstructure	85	13-Jun-17	12-Oct-17
	Roadway	72	30-Jun-17	12-Oct-17
	Substanatial Completion	0	12-Oct-17	12-Oct-17
	Final Completion Items	16	12-Oct-17	06-Nov-17
	Bridge 23144 - US 222	574	03-Aug-15	31-Oct-17
	ROW / Permits / Utilties	440	03-Aug-15	21-Apr-17
	Design, Bid, and Award	388	03-Aug-15	26-Jan-17
	Submittals and Fabrication	60	26-Jan-17	19-Apr-17
	MPT, Demolition, Excavation, Piling	85	22-Mar-17	01-Aug-17
	Substructure	80	03-May-17	01-Sep-17
	Superstructure	85	07-Jun-17	06-Oct-17
	Roadway	71	26-Jun-17	05-Oct-17
	Substanatial Completion	0	06-Oct-17	06-Oct-17
	Final Completion Items	16	05-Oct-17	31-Oct-17
	Bridge 23228 - LR 39032	581	01-Sep-15	11-Dec-17
	ROW / Permits / Utilties	446	01-Sep-15	31-May-17
	Design, Bid, and Award	395	01-Sep-15	07-Mar-17
	Submittals and Fabrication	60	07-Mar-17	29-May-17
	MPT, Demolition, Excavation, Piling	85	01-May-17	07-Sep-17
	Substructure	80	12-Jun-17	12-Oct-17
	Superstructure	85	17-Jul-17	14-Nov-17
	Roadway	72	02-Aug-17	13-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	11-Dec-17
	Bridge 23330 - SR 2049	368	01-May-15	10-Oct-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	21	10-Jun-16	13-Jul-16
	Substructure	22	13-Jul-16	15-Aug-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
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Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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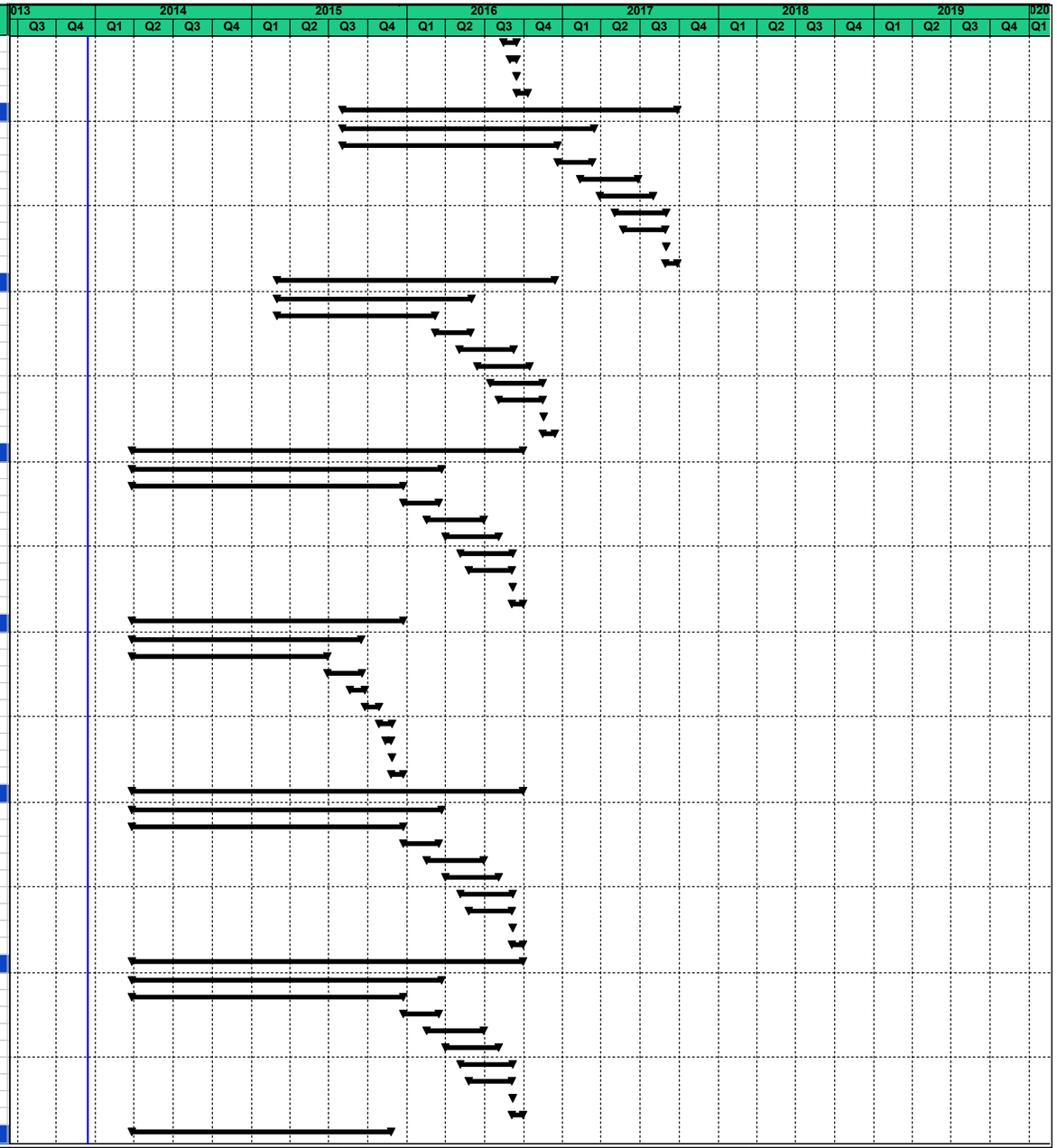
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Superstructure	20	15-Aug-16	13-Sep-16
	Roadway	9	30-Aug-16	13-Sep-16
	Substanatial Completion	0	13-Sep-16	13-Sep-16
	Final Completion Items	16	13-Sep-16	10-Oct-16
	Bridge 23136 - US 222	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 26785 - SR 209	456	02-Mar-15	12-Dec-16
	ROW / Permits / Utilties	321	02-Mar-15	01-Jun-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	85	02-May-16	08-Sep-16
	Substructure	80	13-Jun-16	14-Oct-16
	Superstructure	86	15-Jul-16	15-Nov-16
	Roadway	73	03-Aug-16	15-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	15-Nov-16	12-Dec-16
	Bridge 26795 - SR 209	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 26811 - PA 314	446	26-Mar-14	23-Dec-15
	ROW / Permits / Utilties	376	26-Mar-14	15-Sep-15
	Design, Bid, and Award	328	26-Mar-14	29-Jun-15
	Submittals and Fabrication	60	29-Jun-15	18-Sep-15
	MPT, Demolition, Excavation, Piling	21	21-Aug-15	23-Sep-15
	Substructure	22	23-Sep-15	28-Oct-15
	Superstructure	20	28-Oct-15	26-Nov-15
	Roadway	9	12-Nov-15	25-Nov-15
	Substanatial Completion	0	26-Nov-15	26-Nov-15
	Final Completion Items	16	25-Nov-15	23-Dec-15
	Bridge 26832 - SR 390	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 26887 - SR 611	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 26888 - SR 715	426	26-Mar-14	24-Nov-15



Remaining Level of Effort
Actual Level of Effort
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Pennsylvannia

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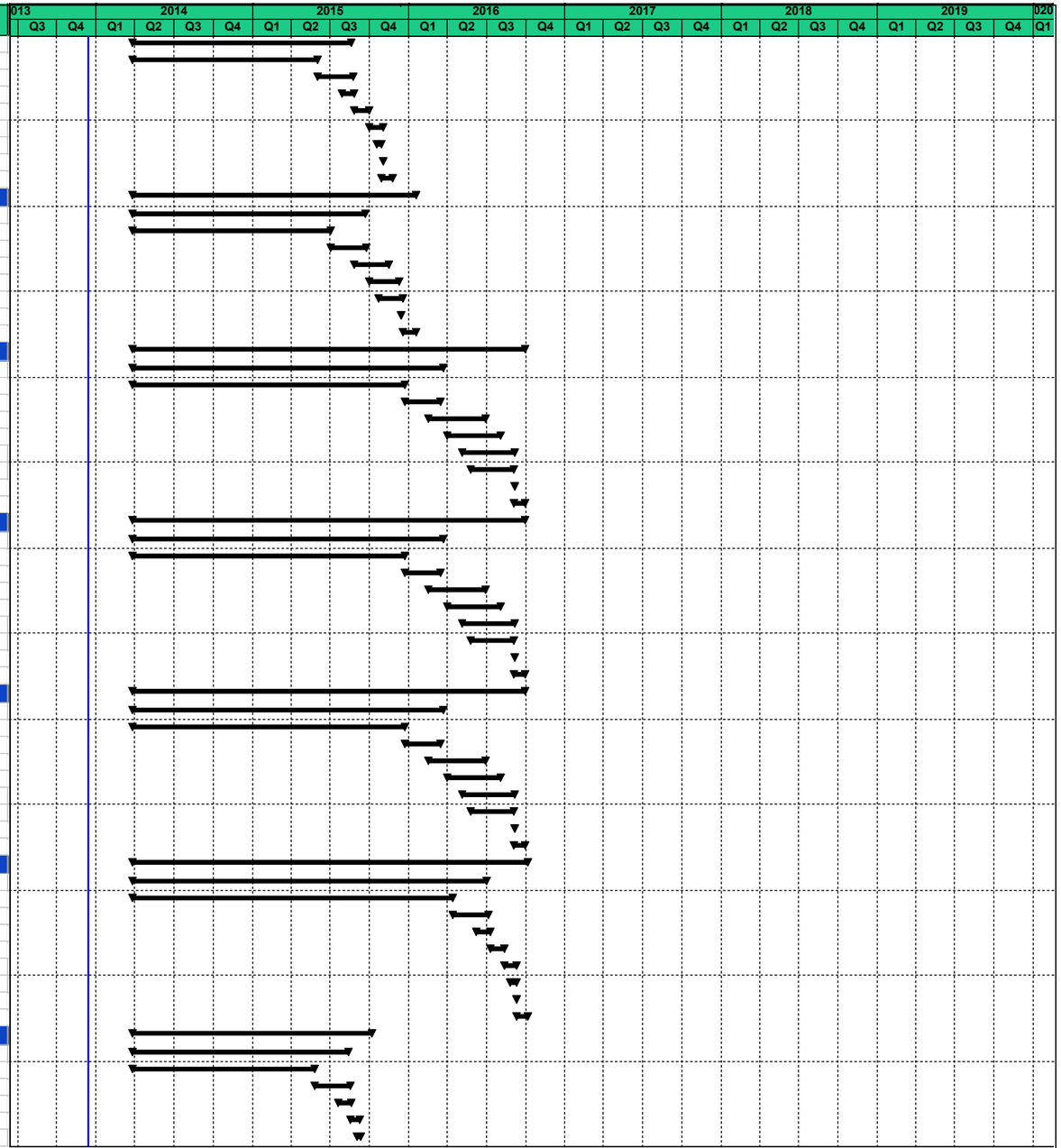
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	359	26-Mar-14	20-Aug-15
	Design, Bid, and Award	310	26-Mar-14	03-Jun-15
	Submittals and Fabrication	60	03-Jun-15	25-Aug-15
	MPT, Demolition, Excavation, Piling	21	28-Jul-15	27-Aug-15
	Substructure	22	27-Aug-15	01-Oct-15
	Superstructure	22	01-Oct-15	02-Nov-15
	Roadway	9	19-Oct-15	30-Oct-15
	Substanatial Completion	0	02-Nov-15	02-Nov-15
	Final Completion Items	16	30-Oct-15	24-Nov-15
	Bridge 26901 - SR 903	462	26-Mar-14	18-Jan-16
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	51	27-Aug-15	16-Nov-15
	Culvert	44	30-Sep-15	09-Dec-15
	Roadway	36	22-Oct-15	18-Dec-15
	Substanatial Completion	0	14-Dec-15	14-Dec-15
	Final Completion Items	16	18-Dec-15	18-Jan-16
	Bridge 26904 - SR 940	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 26907 - SR 940	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 26914 - SR 940	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 26924 - SR 1004	647	26-Mar-14	06-Oct-16
	ROW / Permits / Utilties	580	26-Mar-14	01-Jul-16
	Design, Bid, and Award	536	26-Mar-14	14-Apr-16
	Submittals and Fabrication	60	14-Apr-16	06-Jul-16
	MPT, Demolition, Excavation, Piling	21	08-Jun-16	11-Jul-16
	Substructure	22	11-Jul-16	11-Aug-16
	Superstructure	20	11-Aug-16	09-Sep-16
	Roadway	9	26-Aug-16	09-Sep-16
	Substanatial Completion	0	09-Sep-16	09-Sep-16
	Final Completion Items	16	09-Sep-16	06-Oct-16
	Bridge 26962 - SR 2009	392	26-Mar-14	07-Oct-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	20	21-Jul-15	19-Aug-15
	Superstructure	15	18-Aug-15	09-Sep-15
	Roadway	5	03-Sep-15	11-Sep-15



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Actual Level of Effort
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Pennsylvannia

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Master Schedule - Proposal - Bridge Sum

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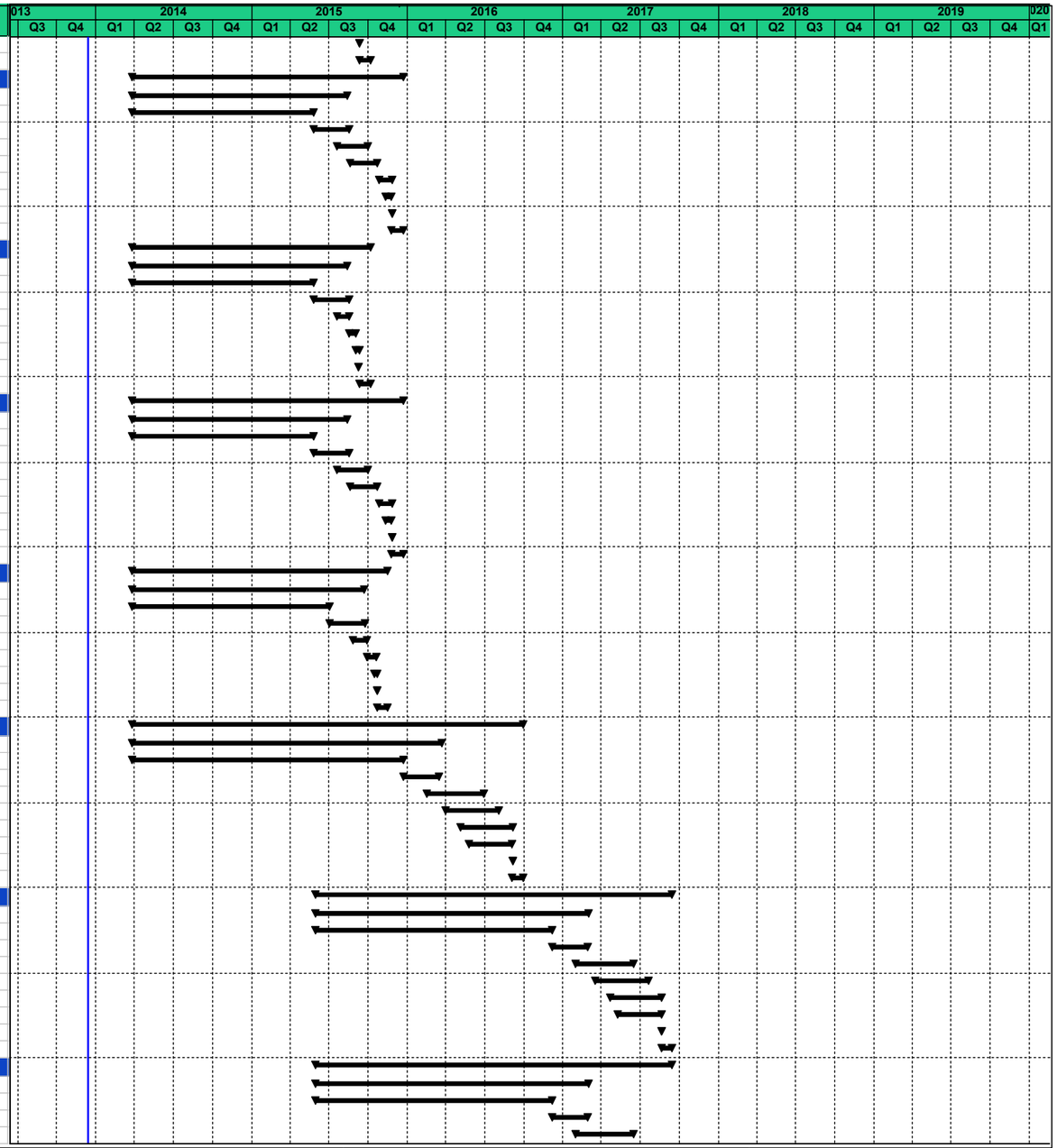
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	11-Sep-15	11-Sep-15
	Final Completion Items	16	10-Sep-15	07-Oct-15
Bridge 27011 - SR 3009		446	26-Mar-14	23-Dec-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	48	21-Jul-15	01-Oct-15
	Substructure	41	20-Aug-15	23-Oct-15
	Superstructure	22	26-Oct-15	26-Nov-15
	Roadway	9	12-Nov-15	25-Nov-15
	Substanatial Completion	0	26-Nov-15	26-Nov-15
	Final Completion Items	16	25-Nov-15	23-Dec-15
Bridge 27017 - SR 3011		393	26-Mar-14	08-Oct-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	19	21-Jul-15	18-Aug-15
	Culvert	11	18-Aug-15	02-Sep-15
	Roadway	6	02-Sep-15	11-Sep-15
	Substanatial Completion	0	08-Sep-15	08-Sep-15
	Final Completion Items	16	11-Sep-15	08-Oct-15
Bridge 27042 - SR 3023		446	26-Mar-14	23-Dec-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	48	21-Jul-15	01-Oct-15
	Substructure	41	20-Aug-15	23-Oct-15
	Superstructure	22	26-Oct-15	26-Nov-15
	Roadway	9	12-Nov-15	25-Nov-15
	Substanatial Completion	0	26-Nov-15	26-Nov-15
	Final Completion Items	16	25-Nov-15	23-Dec-15
Bridge 27055 - SR 4003		420	26-Mar-14	16-Nov-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	20	27-Aug-15	29-Sep-15
	Superstructure	15	28-Sep-15	21-Oct-15
	Roadway	5	16-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	22-Oct-15	16-Nov-15
Bridge 27059 - SR 4006		642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
Bridge 28493 - SR 33		585	01-Jun-15	14-Sep-17
	ROW / Permits / Utilties	449	01-Jun-15	03-Mar-17
	Design, Bid, and Award	397	01-Jun-15	07-Dec-16
	Submittals and Fabrication	60	07-Dec-16	28-Feb-17
	MPT, Demolition, Excavation, Piling	85	31-Jan-17	16-Jun-17
	Substructure	80	17-Mar-17	20-Jul-17
	Superstructure	84	21-Apr-17	21-Aug-17
	Roadway	71	10-May-17	21-Aug-17
	Substanatial Completion	0	21-Aug-17	21-Aug-17
	Final Completion Items	16	21-Aug-17	14-Sep-17
Bridge 28494 - SR 33		585	01-Jun-15	14-Sep-17
	ROW / Permits / Utilties	449	01-Jun-15	03-Mar-17
	Design, Bid, and Award	397	01-Jun-15	07-Dec-16
	Submittals and Fabrication	60	07-Dec-16	28-Feb-17
	MPT, Demolition, Excavation, Piling	85	31-Jan-17	16-Jun-17



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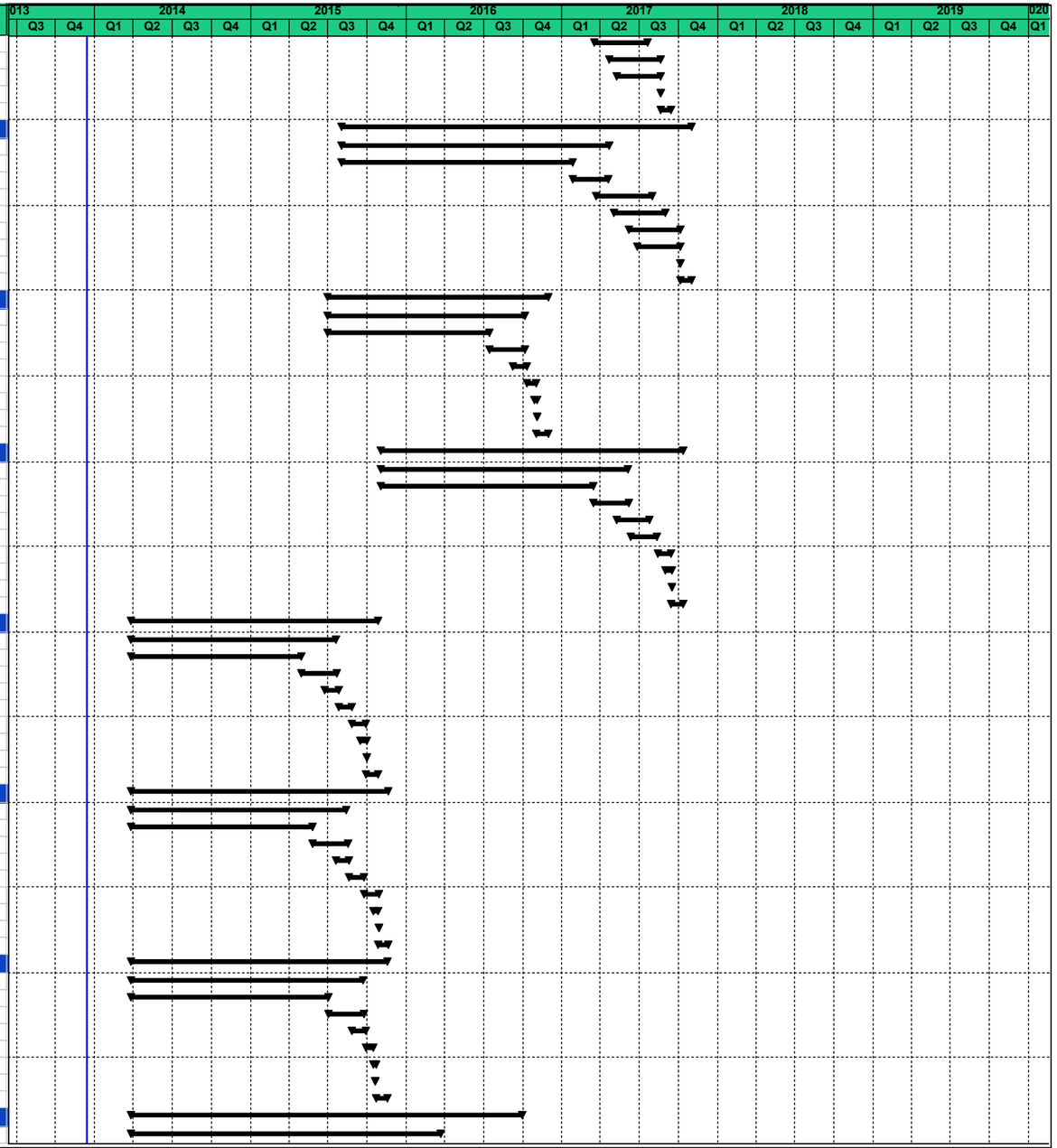
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substructure	80	17-Mar-17	20-Jul-17
	Superstructure	84	21-Apr-17	21-Aug-17
	Roadway	71	10-May-17	21-Aug-17
	Substanatial Completion	0	21-Aug-17	21-Aug-17
	Final Completion Items	16	21-Aug-17	14-Sep-17
Bridge 28606 - SR 512		574	03-Aug-15	31-Oct-17
	ROW / Permits / Utilties	440	03-Aug-15	21-Apr-17
	Design, Bid, and Award	388	03-Aug-15	26-Jan-17
	Submittals and Fabrication	60	26-Jan-17	19-Apr-17
	MPT, Demolition, Excavation, Piling	85	22-Mar-17	01-Aug-17
	Substructure	80	03-May-17	01-Sep-17
	Superstructure	85	07-Jun-17	06-Oct-17
	Roadway	71	26-Jun-17	05-Oct-17
	Substanatial Completion	0	06-Oct-17	06-Oct-17
	Final Completion Items	16	05-Oct-17	31-Oct-17
Bridge 28660 - SR 1004		361	01-Jul-15	29-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	20	08-Sep-16	11-Oct-16
	Superstructure	15	10-Oct-16	01-Nov-16
	Roadway	5	27-Oct-16	03-Nov-16
	Substanatial Completion	0	03-Nov-16	03-Nov-16
	Final Completion Items	16	02-Nov-16	29-Nov-16
Bridge 28672 - SR 1015		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
Bridge 30678 - PA 339		405	26-Mar-14	26-Oct-15
	ROW / Permits / Utilties	336	26-Mar-14	20-Jul-15
	Design, Bid, and Award	286	26-Mar-14	30-Apr-15
	Submittals and Fabrication	60	30-Apr-15	22-Jul-15
	MPT, Demolition, Excavation, Piling	21	24-Jun-15	27-Jul-15
	Substructure	22	27-Jul-15	27-Aug-15
	Superstructure	22	27-Aug-15	29-Sep-15
	Roadway	11	15-Sep-15	30-Sep-15
	Substanatial Completion	0	30-Sep-15	30-Sep-15
	Final Completion Items	17	29-Sep-15	26-Oct-15
Bridge 30679 - PA 339		424	26-Mar-14	20-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	22	21-Jul-15	21-Aug-15
	Substructure	22	21-Aug-15	25-Sep-15
	Superstructure	24	25-Sep-15	29-Oct-15
	Roadway	9	15-Oct-15	28-Oct-15
	Substanatial Completion	0	29-Oct-15	29-Oct-15
	Final Completion Items	16	28-Oct-15	20-Nov-15
Bridge 30680 - SR 339		421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	19	27-Aug-15	28-Sep-15
	Culvert	11	28-Sep-15	15-Oct-15
	Roadway	6	15-Oct-15	23-Oct-15
	Substanatial Completion	0	20-Oct-15	20-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
Bridge 30730 - PA 924		642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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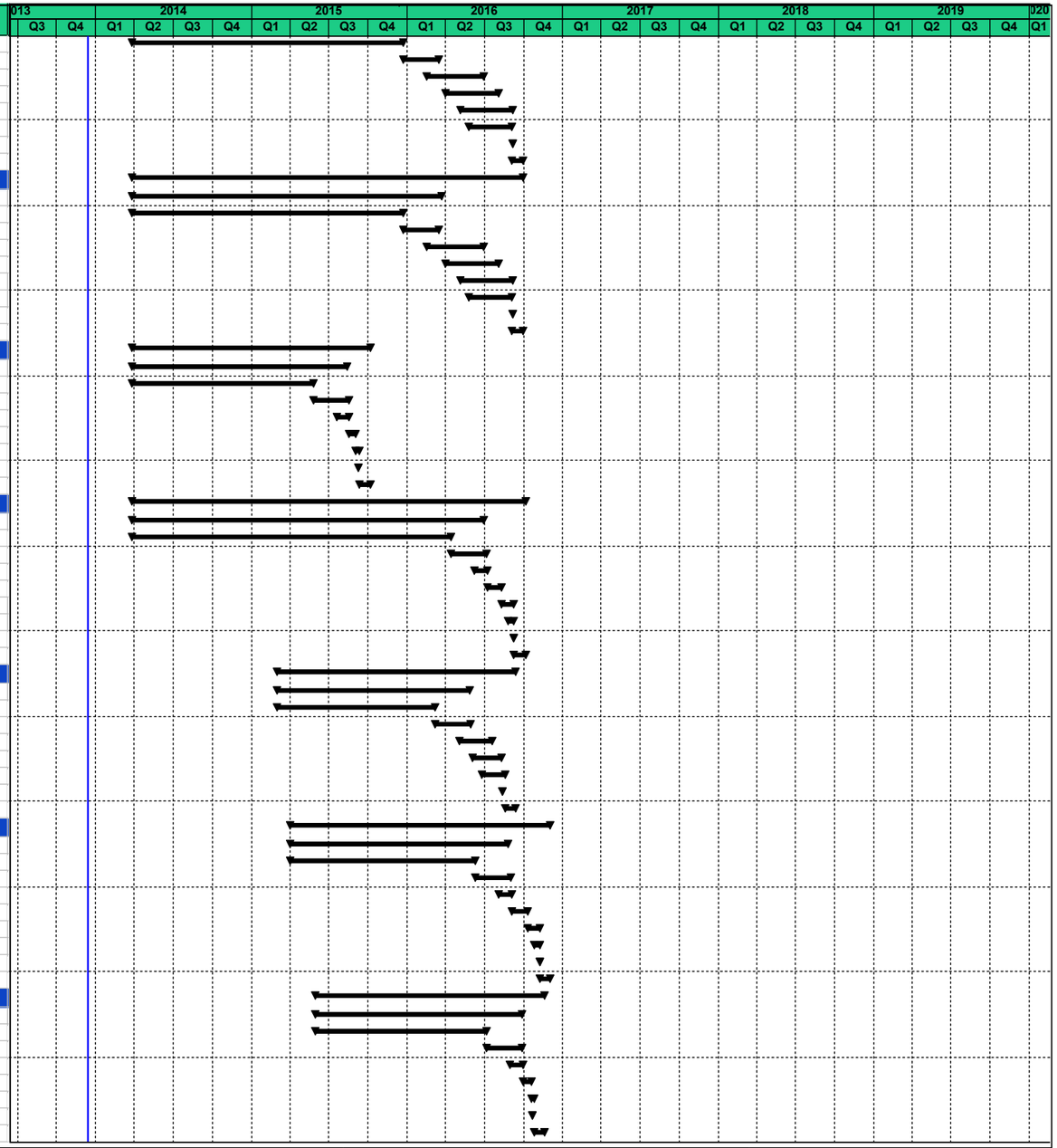
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 30832 - SR 4016	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 30856 - SR 4036	393	26-Mar-14	08-Oct-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	19	21-Jul-15	18-Aug-15
	Culvert	11	18-Aug-15	02-Sep-15
	Roadway	6	02-Sep-15	11-Sep-15
	Substanatial Completion	0	08-Sep-15	08-Sep-15
	Final Completion Items	16	11-Sep-15	08-Oct-15
	Bridge 30862 - SR 4039	646	26-Mar-14	05-Oct-16
	ROW / Permits / Utilties	579	26-Mar-14	30-Jun-16
	Design, Bid, and Award	535	26-Mar-14	13-Apr-16
	Submittals and Fabrication	60	13-Apr-16	05-Jul-16
	MPT, Demolition, Excavation, Piling	21	07-Jun-16	08-Jul-16
	Substructure	22	08-Jul-16	10-Aug-16
	Superstructure	20	10-Aug-16	08-Sep-16
	Roadway	9	25-Aug-16	08-Sep-16
	Substanatial Completion	0	08-Sep-16	08-Sep-16
	Final Completion Items	16	08-Sep-16	05-Oct-16
	Bridge 7262 - Lincoln Highway	392	02-Mar-15	12-Sep-16
	ROW / Permits / Utilties	318	02-Mar-15	26-May-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	51	02-May-16	19-Jul-16
	Culvert	44	03-Jun-16	09-Aug-16
	Roadway	36	24-Jun-16	18-Aug-16
	Substanatial Completion	0	12-Aug-16	12-Aug-16
	Final Completion Items	16	18-Aug-16	12-Sep-16
	Bridge 10497 - Ewing Road	428	01-Apr-15	02-Dec-16
	ROW / Permits / Utilties	360	01-Apr-15	26-Aug-16
	Design, Bid, and Award	311	01-Apr-15	09-Jun-16
	Submittals and Fabrication	60	09-Jun-16	31-Aug-16
	MPT, Demolition, Excavation, Piling	21	03-Aug-16	02-Sep-16
	Substructure	22	02-Sep-16	10-Oct-16
	Superstructure	21	10-Oct-16	08-Nov-16
	Roadway	9	25-Oct-16	07-Nov-16
	Substanatial Completion	0	08-Nov-16	08-Nov-16
	Final Completion Items	16	07-Nov-16	02-Dec-16
	Bridge 10599 - Indian Run Drive	377	01-Jun-15	18-Nov-16
	ROW / Permits / Utilties	338	01-Jun-15	26-Sep-16
	Design, Bid, and Award	287	01-Jun-15	06-Jul-16
	Submittals and Fabrication	60	06-Jul-16	27-Sep-16
	MPT, Demolition, Excavation, Piling	19	30-Aug-16	29-Sep-16
	Culvert	11	29-Sep-16	18-Oct-16
	Roadway	6	18-Oct-16	26-Oct-16
	Substanatial Completion	0	21-Oct-16	21-Oct-16
	Final Completion Items	16	26-Oct-16	18-Nov-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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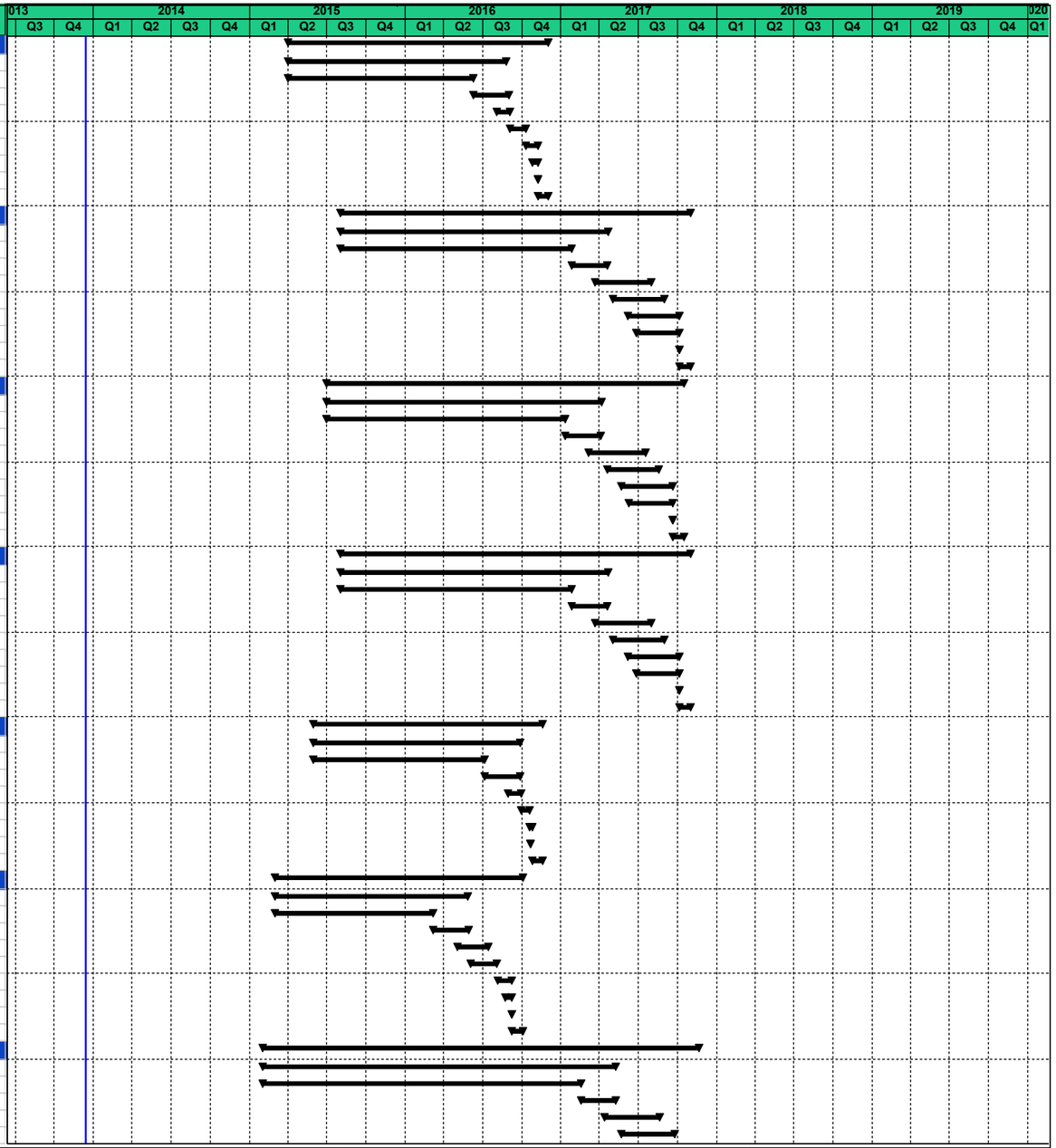
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
Bridge 15002 - Kedron Avenue		428	01-Apr-15	02-Dec-16
	ROW / Permits / Utilties	360	01-Apr-15	26-Aug-16
	Design, Bid, and Award	311	01-Apr-15	09-Jun-16
	Submittals and Fabrication	60	09-Jun-16	31-Aug-16
	MPT, Demolition, Excavation, Piling	21	03-Aug-16	02-Sep-16
	Substructure	22	02-Sep-16	10-Oct-16
	Superstructure	21	10-Oct-16	08-Nov-16
	Roadway	9	25-Oct-16	07-Nov-16
	Substanatial Completion	0	08-Nov-16	08-Nov-16
	Final Completion Items	16	07-Nov-16	02-Dec-16
Bridge 27513		574	03-Aug-15	31-Oct-17
	ROW / Permits / Utilties	440	03-Aug-15	21-Apr-17
	Design, Bid, and Award	388	03-Aug-15	26-Jan-17
	Submittals and Fabrication	60	26-Jan-17	19-Apr-17
	MPT, Demolition, Excavation, Piling	85	22-Mar-17	01-Aug-17
	Substructure	80	03-May-17	01-Sep-17
	Superstructure	85	07-Jun-17	06-Oct-17
	Roadway	71	26-Jun-17	05-Oct-17
	Substanatial Completion	0	06-Oct-17	06-Oct-17
	Final Completion Items	16	05-Oct-17	31-Oct-17
Bridge 27605 - Philmont Avenue		585	01-Jul-15	16-Oct-17
	ROW / Permits / Utilties	451	01-Jul-15	06-Apr-17
	Design, Bid, and Award	399	01-Jul-15	10-Jan-17
	Submittals and Fabrication	60	10-Jan-17	03-Apr-17
	MPT, Demolition, Excavation, Piling	85	06-Mar-17	18-Jul-17
	Substructure	80	19-Apr-17	18-Aug-17
	Superstructure	83	23-May-17	20-Sep-17
	Roadway	72	09-Jun-17	21-Sep-17
	Substanatial Completion	0	21-Sep-17	21-Sep-17
	Final Completion Items	17	21-Sep-17	16-Oct-17
Bridge 27643 - Pennsylvania Avenue		574	03-Aug-15	31-Oct-17
	ROW / Permits / Utilties	440	03-Aug-15	21-Apr-17
	Design, Bid, and Award	388	03-Aug-15	26-Jan-17
	Submittals and Fabrication	60	26-Jan-17	19-Apr-17
	MPT, Demolition, Excavation, Piling	85	22-Mar-17	01-Aug-17
	Substructure	80	03-May-17	01-Sep-17
	Superstructure	85	07-Jun-17	06-Oct-17
	Roadway	71	26-Jun-17	05-Oct-17
	Substanatial Completion	0	06-Oct-17	06-Oct-17
	Final Completion Items	16	05-Oct-17	31-Oct-17
Bridge 27757 - Wynnwood Road		377	01-Jun-15	18-Nov-16
	ROW / Permits / Utilties	338	01-Jun-15	26-Sep-16
	Design, Bid, and Award	287	01-Jun-15	06-Jul-16
	Submittals and Fabrication	60	06-Jul-16	27-Sep-16
	MPT, Demolition, Excavation, Piling	19	30-Aug-16	29-Sep-16
	Culvert	11	29-Sep-16	18-Oct-16
	Roadway	6	18-Oct-16	26-Oct-16
	Substanatial Completion	0	21-Oct-16	21-Oct-16
	Final Completion Items	16	26-Oct-16	18-Nov-16
Bridge 27868 - Grosstown Road		407	02-Mar-15	03-Oct-16
	ROW / Permits / Utilties	318	02-Mar-15	26-May-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	48	02-May-16	14-Jul-16
	Substructure	41	03-Jun-16	04-Aug-16
	Superstructure	22	05-Aug-16	07-Sep-16
	Roadway	9	24-Aug-16	07-Sep-16
	Substanatial Completion	0	07-Sep-16	07-Sep-16
	Final Completion Items	16	07-Sep-16	03-Oct-16
Bridge 47 - SR 0030		716	02-Feb-15	20-Nov-17
	ROW / Permits / Utilties	581	02-Feb-15	10-May-17
	Design, Bid, and Award	533	02-Feb-15	16-Feb-17
	Submittals and Fabrication	60	16-Feb-17	10-May-17
	MPT, Demolition, Excavation, Piling	86	13-Apr-17	21-Aug-17
	Substructure	81	23-May-17	25-Sep-17



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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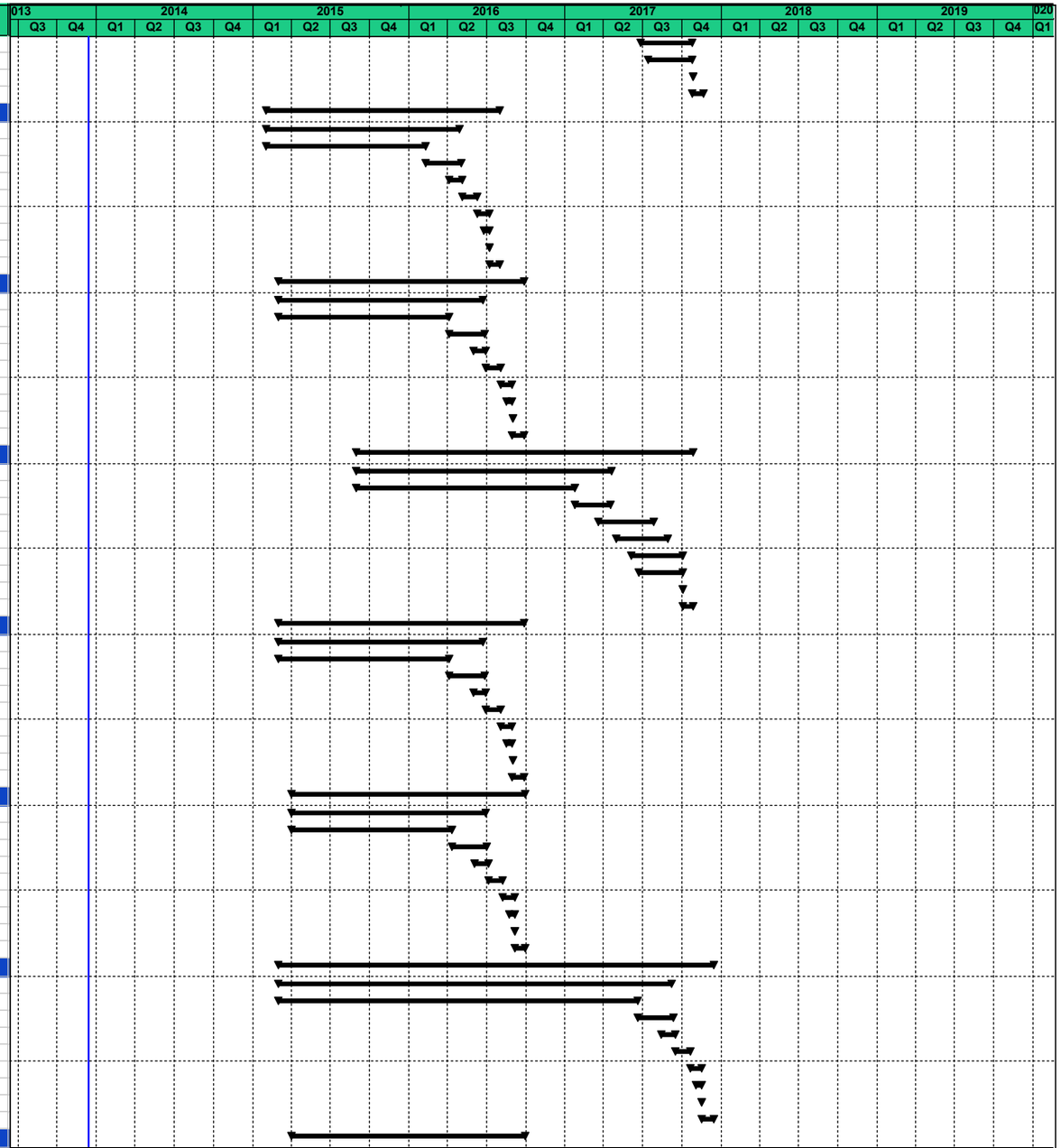
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Superstructure	86	26-Jun-17	26-Oct-17
	Roadway	73	14-Jul-17	26-Oct-17
	Substanatial Completion	0	27-Oct-17	27-Oct-17
	Final Completion Items	16	26-Oct-17	20-Nov-17
	Bridge 71 - SR 0034	384	02-Feb-15	02-Aug-16
	ROW / Permits / Utilties	318	02-Feb-15	28-Apr-16
	Design, Bid, and Award	266	02-Feb-15	09-Feb-16
	Submittals and Fabrication	60	09-Feb-16	02-May-16
	MPT, Demolition, Excavation, Piling	21	04-Apr-16	05-May-16
	Substructure	22	05-May-16	09-Jun-16
	Superstructure	20	09-Jun-16	08-Jul-16
	Roadway	9	24-Jun-16	08-Jul-16
	Substanatial Completion	0	08-Jul-16	08-Jul-16
	Final Completion Items	16	08-Jul-16	02-Aug-16
	Bridge 75 - SR 0034	402	02-Mar-15	26-Sep-16
	ROW / Permits / Utilties	336	02-Mar-15	22-Jun-16
	Design, Bid, and Award	286	02-Mar-15	05-Apr-16
	Submittals and Fabrication	60	05-Apr-16	27-Jun-16
	MPT, Demolition, Excavation, Piling	21	31-May-16	29-Jun-16
	Substructure	22	29-Jun-16	02-Aug-16
	Superstructure	20	02-Aug-16	30-Aug-16
	Roadway	10	16-Aug-16	30-Aug-16
	Substanatial Completion	0	31-Aug-16	31-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 87 - SR 0097	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 98 - SR 0116	402	02-Mar-15	26-Sep-16
	ROW / Permits / Utilties	336	02-Mar-15	22-Jun-16
	Design, Bid, and Award	286	02-Mar-15	05-Apr-16
	Submittals and Fabrication	60	05-Apr-16	27-Jun-16
	MPT, Demolition, Excavation, Piling	21	31-May-16	29-Jun-16
	Substructure	22	29-Jun-16	02-Aug-16
	Superstructure	20	02-Aug-16	30-Aug-16
	Roadway	10	16-Aug-16	30-Aug-16
	Substanatial Completion	0	31-Aug-16	31-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 128 - SR 0194	384	01-Apr-15	30-Sep-16
	ROW / Permits / Utilties	318	01-Apr-15	28-Jun-16
	Design, Bid, and Award	268	01-Apr-15	11-Apr-16
	Submittals and Fabrication	60	11-Apr-16	01-Jul-16
	MPT, Demolition, Excavation, Piling	21	03-Jun-16	06-Jul-16
	Substructure	22	06-Jul-16	08-Aug-16
	Superstructure	20	08-Aug-16	06-Sep-16
	Roadway	9	23-Aug-16	06-Sep-16
	Substanatial Completion	0	06-Sep-16	06-Sep-16
	Final Completion Items	16	06-Sep-16	30-Sep-16
	Bridge 135 - SR 0234	714	02-Mar-15	15-Dec-17
	ROW / Permits / Utilties	644	02-Mar-15	07-Sep-17
	Design, Bid, and Award	601	02-Mar-15	20-Jun-17
	Submittals and Fabrication	60	20-Jun-17	11-Sep-17
	MPT, Demolition, Excavation, Piling	21	14-Aug-17	15-Sep-17
	Substructure	22	15-Sep-17	20-Oct-17
	Superstructure	20	20-Oct-17	17-Nov-17
	Roadway	10	03-Nov-17	17-Nov-17
	Substanatial Completion	0	17-Nov-17	17-Nov-17
	Final Completion Items	16	17-Nov-17	15-Dec-17
	Bridge 148 - SR 0234	384	01-Apr-15	30-Sep-16



Remaining Level of Effort
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Rapid Bridge Replacement Project

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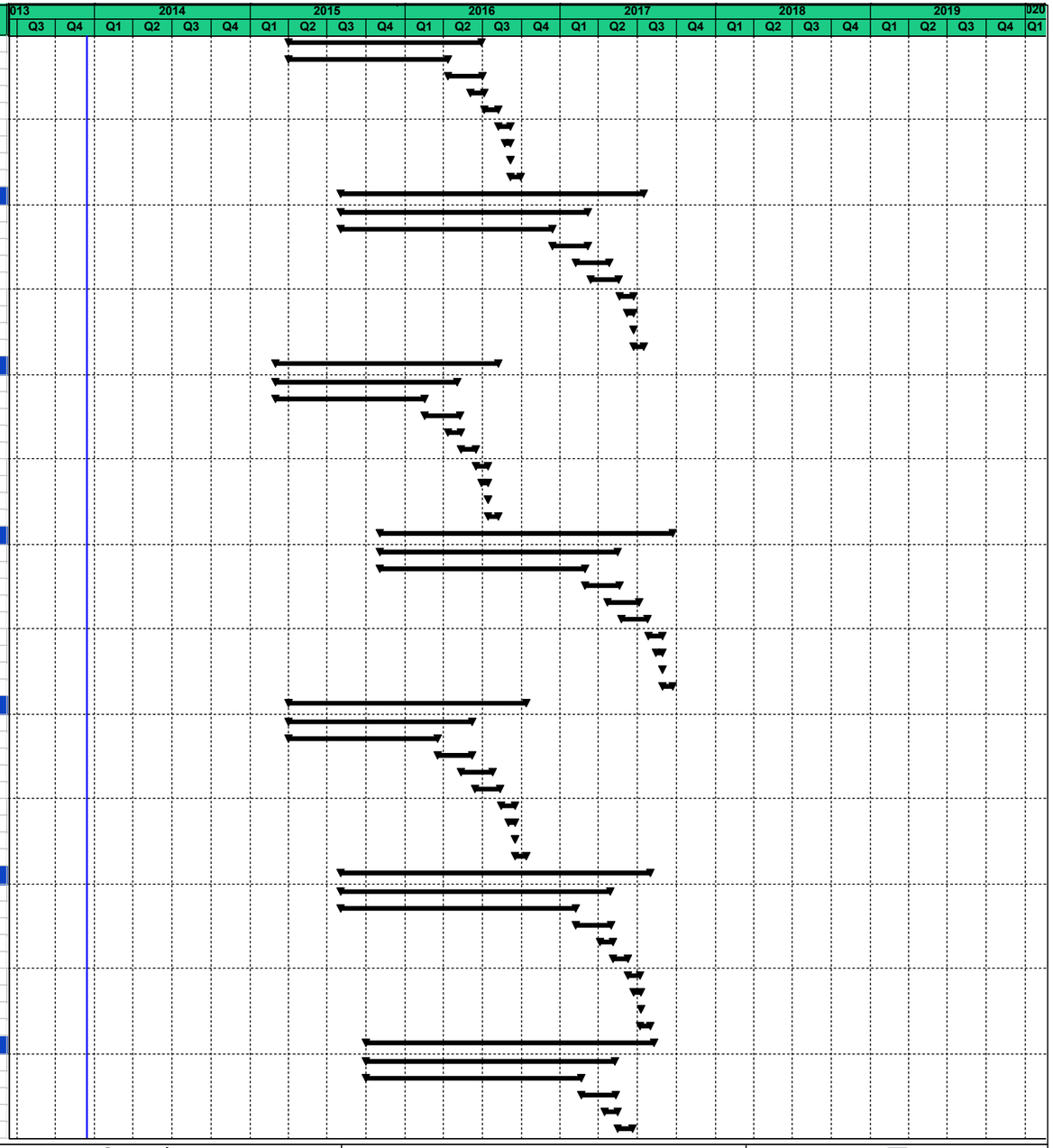
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	318	01-Apr-15	28-Jun-16
	Design, Bid, and Award	268	01-Apr-15	11-Apr-16
	Submittals and Fabrication	60	11-Apr-16	01-Jul-16
	MPT, Demolition, Excavation, Piling	21	03-Jun-16	06-Jul-16
	Substructure	22	06-Jul-16	08-Aug-16
	Superstructure	20	08-Aug-16	06-Sep-16
	Roadway	9	23-Aug-16	06-Sep-16
	Substanatial Completion	0	06-Sep-16	06-Sep-16
	Final Completion Items	16	06-Sep-16	30-Sep-16
	Bridge 160 - SR 0394	499	03-Aug-15	17-Jul-17
	ROW / Permits / Utilties	406	03-Aug-15	06-Mar-17
	Design, Bid, and Award	356	03-Aug-15	13-Dec-16
	Submittals and Fabrication	60	13-Dec-16	06-Mar-17
	MPT, Demolition, Excavation, Piling	48	06-Feb-17	26-Apr-17
	Substructure	41	14-Mar-17	18-May-17
	Superstructure	22	19-May-17	21-Jun-17
	Roadway	10	07-Jun-17	21-Jun-17
	Substanatial Completion	0	21-Jun-17	21-Jun-17
	Final Completion Items	16	21-Jun-17	17-Jul-17
	Bridge 185 - SR 1014	368	02-Mar-15	08-Aug-16
	ROW / Permits / Utilties	302	02-Mar-15	04-May-16
	Design, Bid, and Award	251	02-Mar-15	16-Feb-16
	Submittals and Fabrication	60	16-Feb-16	09-May-16
	MPT, Demolition, Excavation, Piling	21	11-Apr-16	12-May-16
	Substructure	22	12-May-16	16-Jun-16
	Superstructure	19	16-Jun-16	14-Jul-16
	Roadway	9	30-Jun-16	14-Jul-16
	Substanatial Completion	0	14-Jul-16	14-Jul-16
	Final Completion Items	16	14-Jul-16	08-Aug-16
	Bridge 198 - SR 1016	483	02-Nov-15	22-Sep-17
	ROW / Permits / Utilties	393	02-Nov-15	16-May-17
	Design, Bid, and Award	345	02-Nov-15	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	48	21-Apr-17	06-Jul-17
	Substructure	41	24-May-17	26-Jul-17
	Superstructure	22	27-Jul-17	28-Aug-17
	Roadway	10	14-Aug-17	28-Aug-17
	Substanatial Completion	0	28-Aug-17	28-Aug-17
	Final Completion Items	16	28-Aug-17	22-Sep-17
	Bridge 229 - SR 2006	393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
	Bridge 319 - SR 3013	510	03-Aug-15	01-Aug-17
	ROW / Permits / Utilties	444	03-Aug-15	27-Apr-17
	Design, Bid, and Award	396	03-Aug-15	07-Feb-17
	Submittals and Fabrication	60	07-Feb-17	01-May-17
	MPT, Demolition, Excavation, Piling	21	03-Apr-17	04-May-17
	Substructure	22	04-May-17	08-Jun-17
	Superstructure	20	08-Jun-17	07-Jul-17
	Roadway	10	23-Jun-17	10-Jul-17
	Substanatial Completion	0	10-Jul-17	10-Jul-17
	Final Completion Items	17	07-Jul-17	01-Aug-17
	Bridge 362 - SR 4005	475	01-Oct-15	10-Aug-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	21	14-Apr-17	16-May-17
	Substructure	22	16-May-17	20-Jun-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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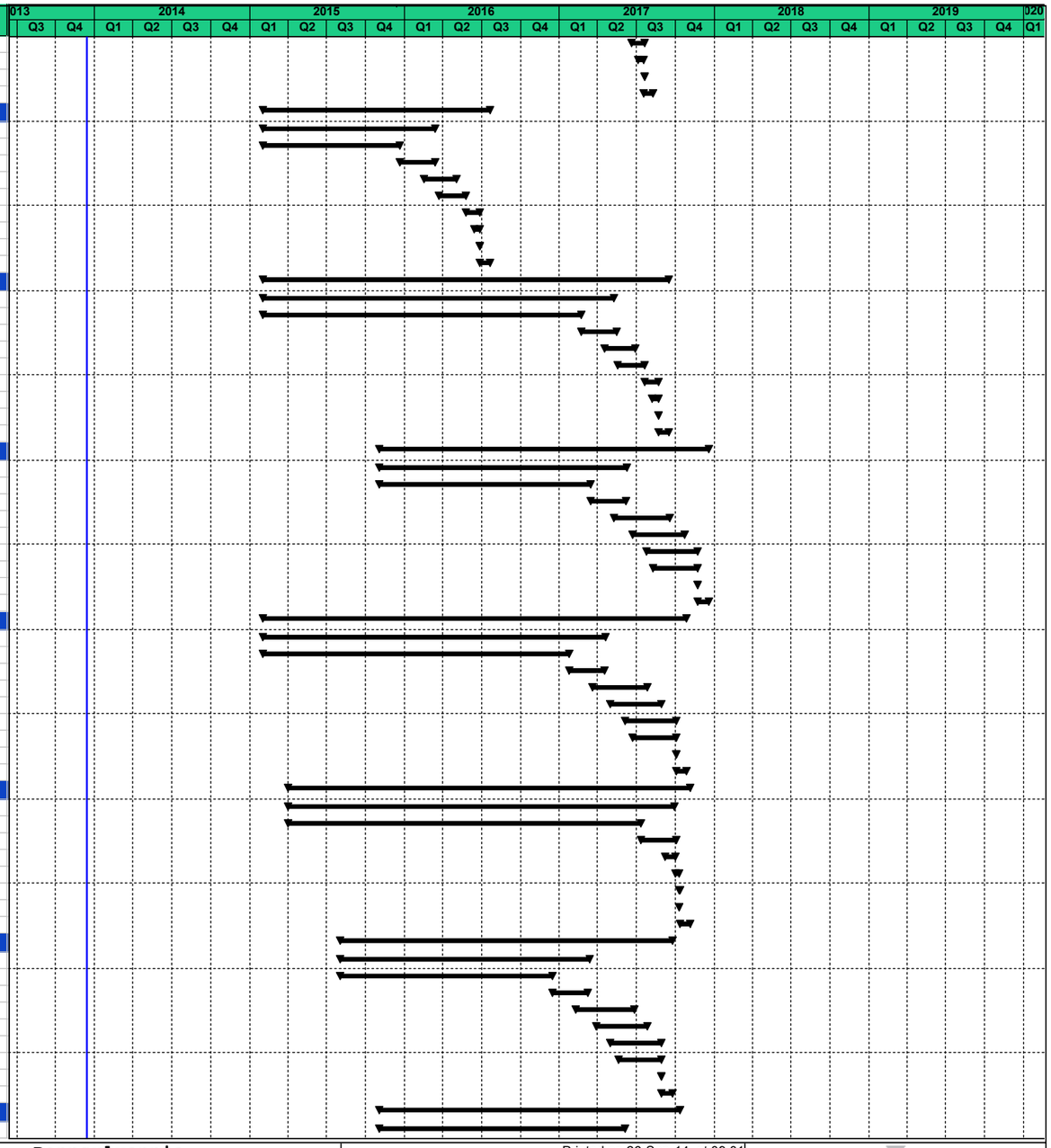
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Superstructure	21	20-Jun-17	20-Jul-17
	Roadway	9	06-Jul-17	19-Jul-17
	Substanatial Completion	0	20-Jul-17	20-Jul-17
	Final Completion Items	16	19-Jul-17	10-Aug-17
	Bridge 364 - SR 4006	376	02-Feb-15	21-Jul-16
	ROW / Permits / Utilties	285	02-Feb-15	14-Mar-16
	Design, Bid, and Award	231	02-Feb-15	22-Dec-15
	Submittals and Fabrication	60	22-Dec-15	14-Mar-16
	MPT, Demolition, Excavation, Piling	48	15-Feb-16	02-May-16
	Substructure	41	22-Mar-16	24-May-16
	Superstructure	22	25-May-16	27-Jun-16
	Roadway	10	13-Jun-16	27-Jun-16
	Substanatial Completion	0	27-Jun-16	27-Jun-16
	Final Completion Items	16	27-Jun-16	21-Jul-16
	Bridge 381 - SR 4011	670	02-Feb-15	15-Sep-17
	ROW / Permits / Utilties	581	02-Feb-15	10-May-17
	Design, Bid, and Award	536	02-Feb-15	21-Feb-17
	Submittals and Fabrication	60	21-Feb-17	15-May-17
	MPT, Demolition, Excavation, Piling	48	17-Apr-17	28-Jun-17
	Substructure	41	18-May-17	20-Jul-17
	Superstructure	22	21-Jul-17	22-Aug-17
	Roadway	10	08-Aug-17	22-Aug-17
	Substanatial Completion	0	22-Aug-17	22-Aug-17
	Final Completion Items	16	22-Aug-17	15-Sep-17
	Bridge 13564 - SR 0011	545	02-Nov-15	20-Dec-17
	ROW / Permits / Utilties	409	02-Nov-15	08-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	85	10-May-17	18-Sep-17
	Substructure	80	21-Jun-17	23-Oct-17
	Superstructure	85	25-Jul-17	22-Nov-17
	Roadway	73	10-Aug-17	22-Nov-17
	Substanatial Completion	0	22-Nov-17	22-Nov-17
	Final Completion Items	16	22-Nov-17	20-Dec-17
	Bridge 13616 - SR 0034	700	02-Feb-15	27-Oct-17
	ROW / Permits / Utilties	566	02-Feb-15	19-Apr-17
	Design, Bid, and Award	516	02-Feb-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 13735 - SR 0233	664	01-Apr-15	06-Nov-17
	ROW / Permits / Utilties	638	01-Apr-15	29-Sep-17
	Design, Bid, and Award	596	01-Apr-15	13-Jul-17
	Submittals and Fabrication	60	13-Jul-17	04-Oct-17
	MPT, Demolition, Excavation, Piling	18	06-Sep-17	02-Oct-17
	Culvert	7	02-Oct-17	09-Oct-17
	Roadway	3	10-Oct-17	12-Oct-17
	Substanatial Completion	0	11-Oct-17	11-Oct-17
	Final Completion Items	16	12-Oct-17	06-Nov-17
	Bridge 13741 - SR 0233	548	03-Aug-15	25-Sep-17
	ROW / Permits / Utilties	412	03-Aug-15	14-Mar-17
	Design, Bid, and Award	359	03-Aug-15	16-Dec-16
	Submittals and Fabrication	60	16-Dec-16	09-Mar-17
	MPT, Demolition, Excavation, Piling	85	09-Feb-17	26-Jun-17
	Substructure	80	28-Mar-17	28-Jul-17
	Superstructure	84	01-May-17	29-Aug-17
	Roadway	70	19-May-17	29-Aug-17
	Substanatial Completion	0	29-Aug-17	29-Aug-17
	Final Completion Items	16	29-Aug-17	25-Sep-17
	Bridge 13824 - SR 0997	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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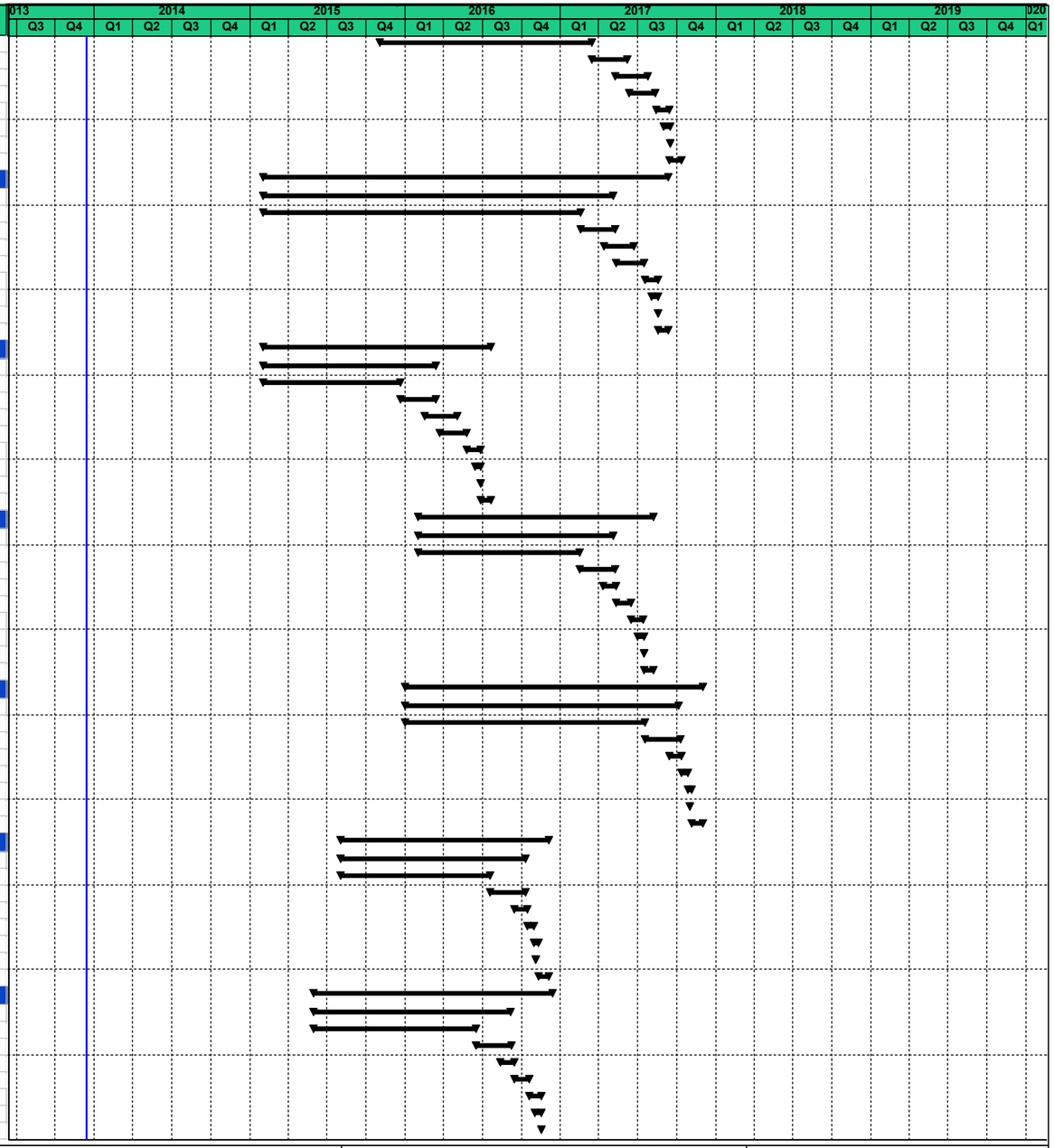
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 13896 - 2031 Spanglers Mil	666	02-Feb-15	11-Sep-17
	ROW / Permits / Utilities	577	02-Feb-15	04-May-17
	Design, Bid, and Award	533	02-Feb-15	16-Feb-17
	Submittals and Fabrication	60	16-Feb-17	10-May-17
	MPT, Demolition, Excavation, Piling	48	13-Apr-17	23-Jun-17
	Substructure	41	12-May-17	17-Jul-17
	Superstructure	22	18-Jul-17	17-Aug-17
	Roadway	10	03-Aug-17	17-Aug-17
	Substanatial Completion	0	18-Aug-17	18-Aug-17
	Final Completion Items	16	17-Aug-17	11-Sep-17
	Bridge 13946 - SR 3019	376	02-Feb-15	21-Jul-16
	ROW / Permits / Utilties	285	02-Feb-15	14-Mar-16
	Design, Bid, and Award	231	02-Feb-15	22-Dec-15
	Submittals and Fabrication	60	22-Dec-15	14-Mar-16
	MPT, Demolition, Excavation, Piling	48	15-Feb-16	02-May-16
	Substructure	41	22-Mar-16	24-May-16
	Superstructure	22	25-May-16	27-Jun-16
	Roadway	10	13-Jun-16	27-Jun-16
	Substanatial Completion	0	27-Jun-16	27-Jun-16
	Final Completion Items	16	27-Jun-16	21-Jul-16
	Bridge 13948 - SR 4001	389	01-Feb-16	08-Aug-17
	ROW / Permits / Utilties	323	01-Feb-16	04-May-17
	Design, Bid, and Award	272	01-Feb-16	15-Feb-17
	Submittals and Fabrication	60	15-Feb-17	09-May-17
	MPT, Demolition, Excavation, Piling	21	11-Apr-17	12-May-17
	Substructure	22	12-May-17	16-Jun-17
	Superstructure	19	16-Jun-17	14-Jul-17
	Roadway	10	30-Jun-17	17-Jul-17
	Substanatial Completion	0	17-Jul-17	17-Jul-17
	Final Completion Items	16	17-Jul-17	08-Aug-17
	Bridge 13961 - SR 4008	490	01-Jan-16	01-Dec-17
	ROW / Permits / Utilties	450	01-Jan-16	05-Oct-17
	Design, Bid, and Award	403	01-Jan-16	19-Jul-17
	Submittals and Fabrication	60	19-Jul-17	10-Oct-17
	MPT, Demolition, Excavation, Piling	19	13-Sep-17	11-Oct-17
	Culvert	11	11-Oct-17	27-Oct-17
	Roadway	6	27-Oct-17	06-Nov-17
	Substanatial Completion	0	02-Nov-17	02-Nov-17
	Final Completion Items	16	06-Nov-17	01-Dec-17
	Bridge 14441 - SR 1018	343	03-Aug-15	05-Dec-16
	ROW / Permits / Utilties	304	03-Aug-15	10-Oct-16
	Design, Bid, and Award	252	03-Aug-15	20-Jul-16
	Submittals and Fabrication	60	20-Jul-16	11-Oct-16
	MPT, Demolition, Excavation, Piling	19	13-Sep-16	14-Oct-16
	Culvert	11	14-Oct-16	31-Oct-16
	Roadway	6	31-Oct-16	09-Nov-16
	Substanatial Completion	0	03-Nov-16	03-Nov-16
	Final Completion Items	16	09-Nov-16	05-Dec-16
	Bridge 14481 - SR 2012	393	01-Jun-15	13-Dec-16
	ROW / Permits / Utilties	324	01-Jun-15	06-Sep-16
	Design, Bid, and Award	274	01-Jun-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16



Remaining Level of Effort
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Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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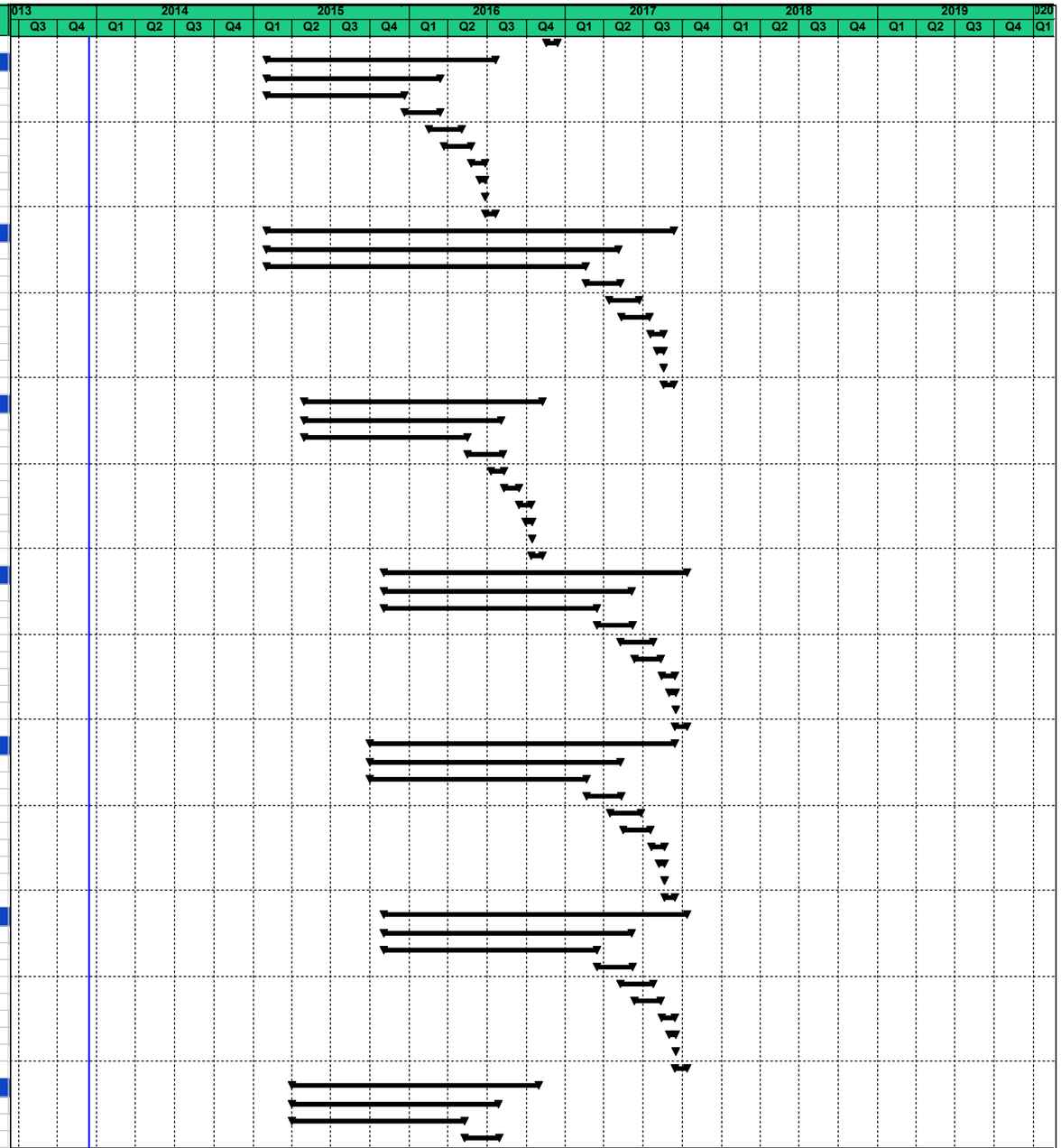
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 14578 - SR 4004	376	02-Feb-15	21-Jul-16
	ROW / Permits / Utilties	285	02-Feb-15	14-Mar-16
	Design, Bid, and Award	231	02-Feb-15	22-Dec-15
	Submittals and Fabrication	60	22-Dec-15	14-Mar-16
	MPT, Demolition, Excavation, Piling	48	15-Feb-16	02-May-16
	Substructure	41	22-Mar-16	24-May-16
	Superstructure	22	25-May-16	27-Jun-16
	Roadway	10	13-Jun-16	27-Jun-16
	Substanatial Completion	0	27-Jun-16	27-Jun-16
	Final Completion Items	16	27-Jun-16	21-Jul-16
	Bridge 17407 - SR 0233	666	02-Feb-15	11-Sep-17
	ROW / Permits / Utilties	577	02-Feb-15	04-May-17
	Design, Bid, and Award	533	02-Feb-15	16-Feb-17
	Submittals and Fabrication	60	16-Feb-17	10-May-17
	MPT, Demolition, Excavation, Piling	48	13-Apr-17	23-Jun-17
	Substructure	41	12-May-17	17-Jul-17
	Superstructure	22	18-Jul-17	17-Aug-17
	Roadway	10	03-Aug-17	17-Aug-17
	Substanatial Completion	0	18-Aug-17	18-Aug-17
	Final Completion Items	16	17-Aug-17	11-Sep-17
	Bridge 17408 - SR 0274	388	01-May-15	07-Nov-16
	ROW / Permits / Utilties	321	01-May-15	03-Aug-16
	Design, Bid, and Award	272	01-May-15	17-May-16
	Submittals and Fabrication	60	17-May-16	08-Aug-16
	MPT, Demolition, Excavation, Piling	21	11-Jul-16	10-Aug-16
	Substructure	22	10-Aug-16	13-Sep-16
	Superstructure	22	13-Sep-16	13-Oct-16
	Roadway	11	29-Sep-16	14-Oct-16
	Substanatial Completion	0	14-Oct-16	14-Oct-16
	Final Completion Items	17	13-Oct-16	07-Nov-16
	Bridge 17471 - SR 0997	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 17592 - SR 4008	499	01-Oct-15	14-Sep-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	48	14-Apr-17	27-Jun-17
	Substructure	41	16-May-17	19-Jul-17
	Superstructure	22	20-Jul-17	21-Aug-17
	Roadway	10	07-Aug-17	21-Aug-17
	Substanatial Completion	0	21-Aug-17	21-Aug-17
	Final Completion Items	16	21-Aug-17	14-Sep-17
	Bridge 17593 - SR 4008	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 20976 - SR 0023	405	01-Apr-15	31-Oct-16
	ROW / Permits / Utilties	338	01-Apr-15	27-Jul-16
	Design, Bid, and Award	288	01-Apr-15	09-May-16
	Submittals and Fabrication	60	09-May-16	29-Jul-16



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Pennsylvannia

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Master Schedule - Proposal - Bridge Sum

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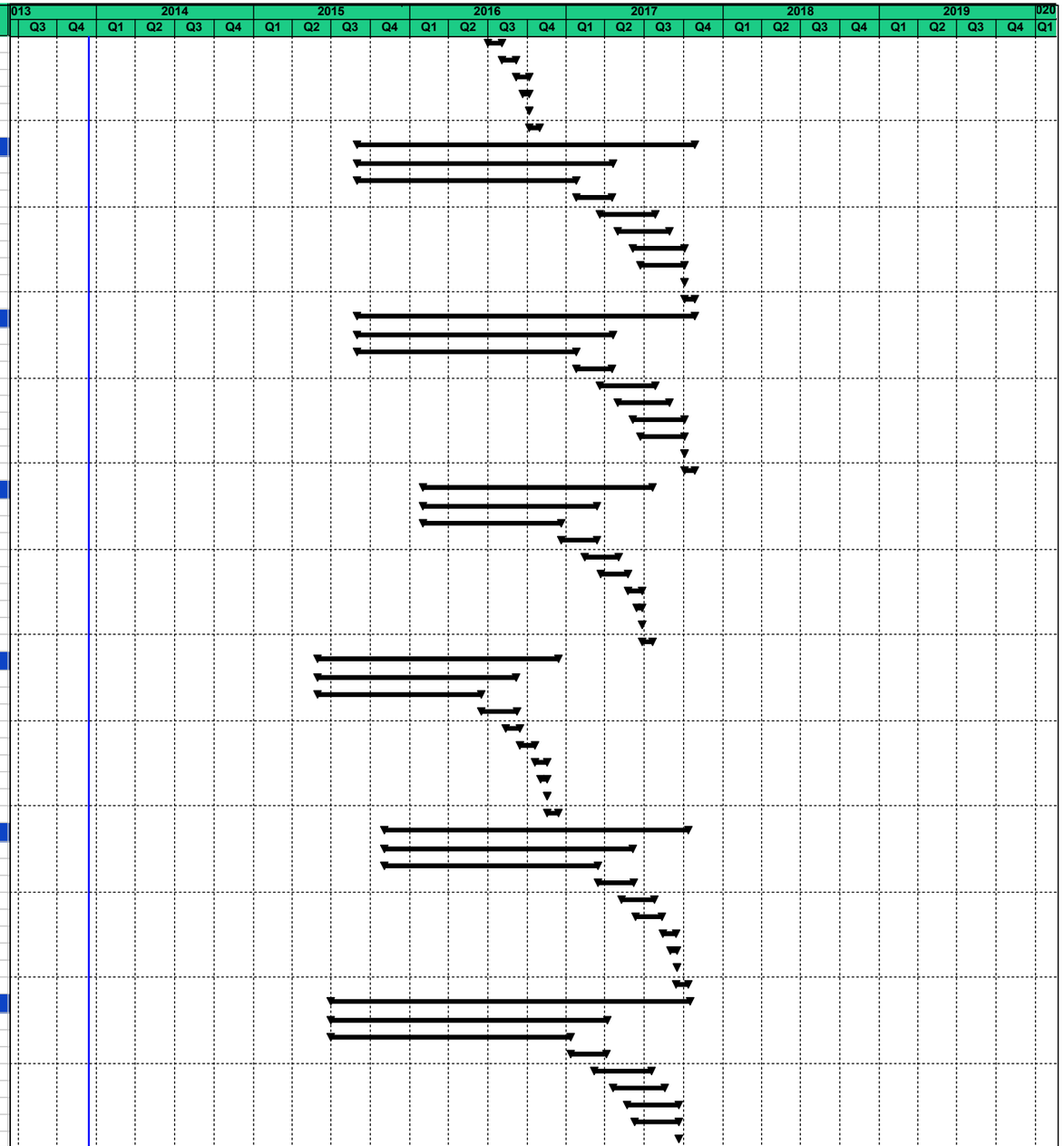
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	21	01-Jul-16	03-Aug-16
	Substructure	22	03-Aug-16	06-Sep-16
	Superstructure	21	06-Sep-16	05-Oct-16
	Roadway	11	21-Sep-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	17	05-Oct-16	31-Oct-16
Bridge 21043 - SR 0030		551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
Bridge 21196 - SR 0322		551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
Bridge 21237 - SR 0340		377	01-Feb-16	21-Jul-17
	ROW / Permits / Utilties	285	01-Feb-16	13-Mar-17
	Design, Bid, and Award	231	01-Feb-16	20-Dec-16
	Submittals and Fabrication	60	20-Dec-16	13-Mar-17
	MPT, Demolition, Excavation, Piling	48	13-Feb-17	02-May-17
	Substructure	41	21-Mar-17	24-May-17
	Superstructure	22	25-May-17	27-Jun-17
	Roadway	10	13-Jun-17	27-Jun-17
	Substanatial Completion	0	27-Jun-17	27-Jun-17
	Final Completion Items	16	27-Jun-17	21-Jul-17
Bridge 21238 - SR 0340		393	01-Jun-15	13-Dec-16
	ROW / Permits / Utilties	324	01-Jun-15	06-Sep-16
	Design, Bid, and Award	274	01-Jun-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 21251 - PA 372		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
Bridge 21277 - 462 Columbia Ave		585	01-Jul-15	16-Oct-17
	ROW / Permits / Utilties	451	01-Jul-15	06-Apr-17
	Design, Bid, and Award	399	01-Jul-15	10-Jan-17
	Submittals and Fabrication	60	10-Jan-17	03-Apr-17
	MPT, Demolition, Excavation, Piling	85	06-Mar-17	18-Jul-17
	Substructure	80	19-Apr-17	18-Aug-17
	Superstructure	83	23-May-17	20-Sep-17
	Roadway	72	09-Jun-17	21-Sep-17
	Substanatial Completion	0	21-Sep-17	21-Sep-17



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Master Schedule - Proposal - Bridge Sum

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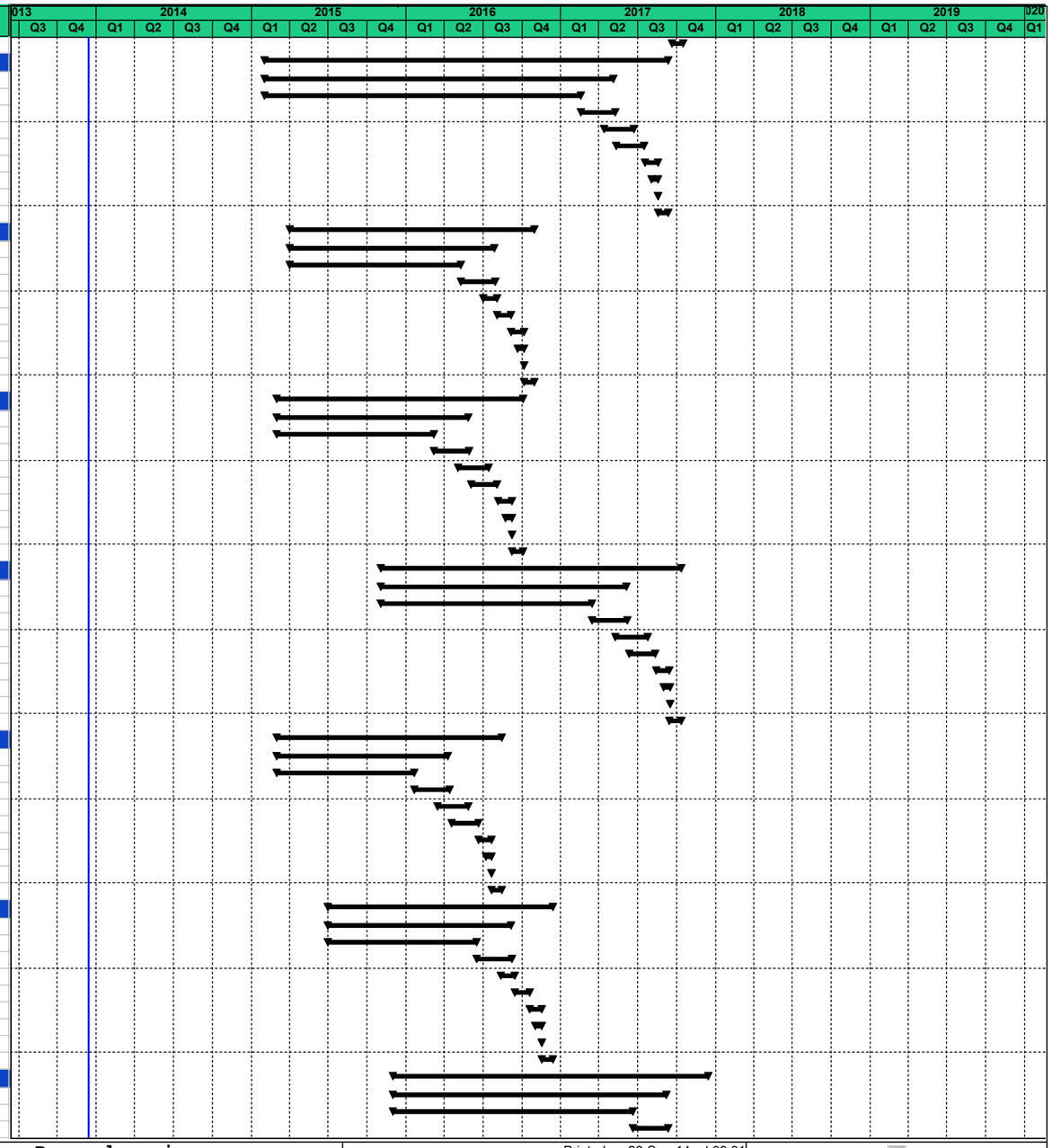
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	17	21-Sep-17	16-Oct-17
Bridge 21292 - SR 0625		666	02-Feb-15	11-Sep-17
	ROW / Permits / Utilties	577	02-Feb-15	04-May-17
	Design, Bid, and Award	533	02-Feb-15	16-Feb-17
	Submittals and Fabrication	60	16-Feb-17	10-May-17
	MPT, Demolition, Excavation, Piling	48	13-Apr-17	23-Jun-17
	Substructure	41	12-May-17	17-Jul-17
	Superstructure	22	18-Jul-17	17-Aug-17
	Roadway	10	03-Aug-17	17-Aug-17
	Substanatial Completion	0	18-Aug-17	18-Aug-17
	Final Completion Items	16	17-Aug-17	11-Sep-17
Bridge 21326 - SR 0772		405	01-Apr-15	31-Oct-16
	ROW / Permits / Utilties	338	01-Apr-15	27-Jul-16
	Design, Bid, and Award	288	01-Apr-15	09-May-16
	Submittals and Fabrication	60	09-May-16	29-Jul-16
	MPT, Demolition, Excavation, Piling	21	01-Jul-16	03-Aug-16
	Substructure	22	03-Aug-16	06-Sep-16
	Superstructure	21	06-Sep-16	05-Oct-16
	Roadway	11	21-Sep-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	17	05-Oct-16	31-Oct-16
Bridge 21403 - Shirktown Road		407	02-Mar-15	03-Oct-16
	ROW / Permits / Utilties	318	02-Mar-15	26-May-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	48	02-May-16	14-Jul-16
	Substructure	41	03-Jun-16	04-Aug-16
	Superstructure	22	05-Aug-16	07-Sep-16
	Roadway	9	24-Aug-16	07-Sep-16
	Substanatial Completion	0	07-Sep-16	07-Sep-16
	Final Completion Items	16	07-Sep-16	03-Oct-16
Bridge 21409 - SR 1021		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
Bridge 21415 - SR 1024		372	03-Mar-15	15-Aug-16
	ROW / Permits / Utilties	283	03-Mar-15	08-Apr-16
	Design, Bid, and Award	231	03-Mar-15	20-Jan-16
	Submittals and Fabrication	60	20-Jan-16	12-Apr-16
	MPT, Demolition, Excavation, Piling	48	15-Mar-16	27-May-16
	Substructure	41	18-Apr-16	20-Jun-16
	Superstructure	22	21-Jun-16	22-Jul-16
	Roadway	10	08-Jul-16	22-Jul-16
	Substanatial Completion	0	22-Jul-16	22-Jul-16
	Final Completion Items	16	22-Jul-16	15-Aug-16
Bridge 21417 - N Farmersville Road		371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 21439 - SR 1034		522	01-Dec-15	15-Dec-17
	ROW / Permits / Utilties	452	01-Dec-15	07-Sep-17
	Design, Bid, and Award	405	01-Dec-15	20-Jun-17
	Submittals and Fabrication	60	20-Jun-17	11-Sep-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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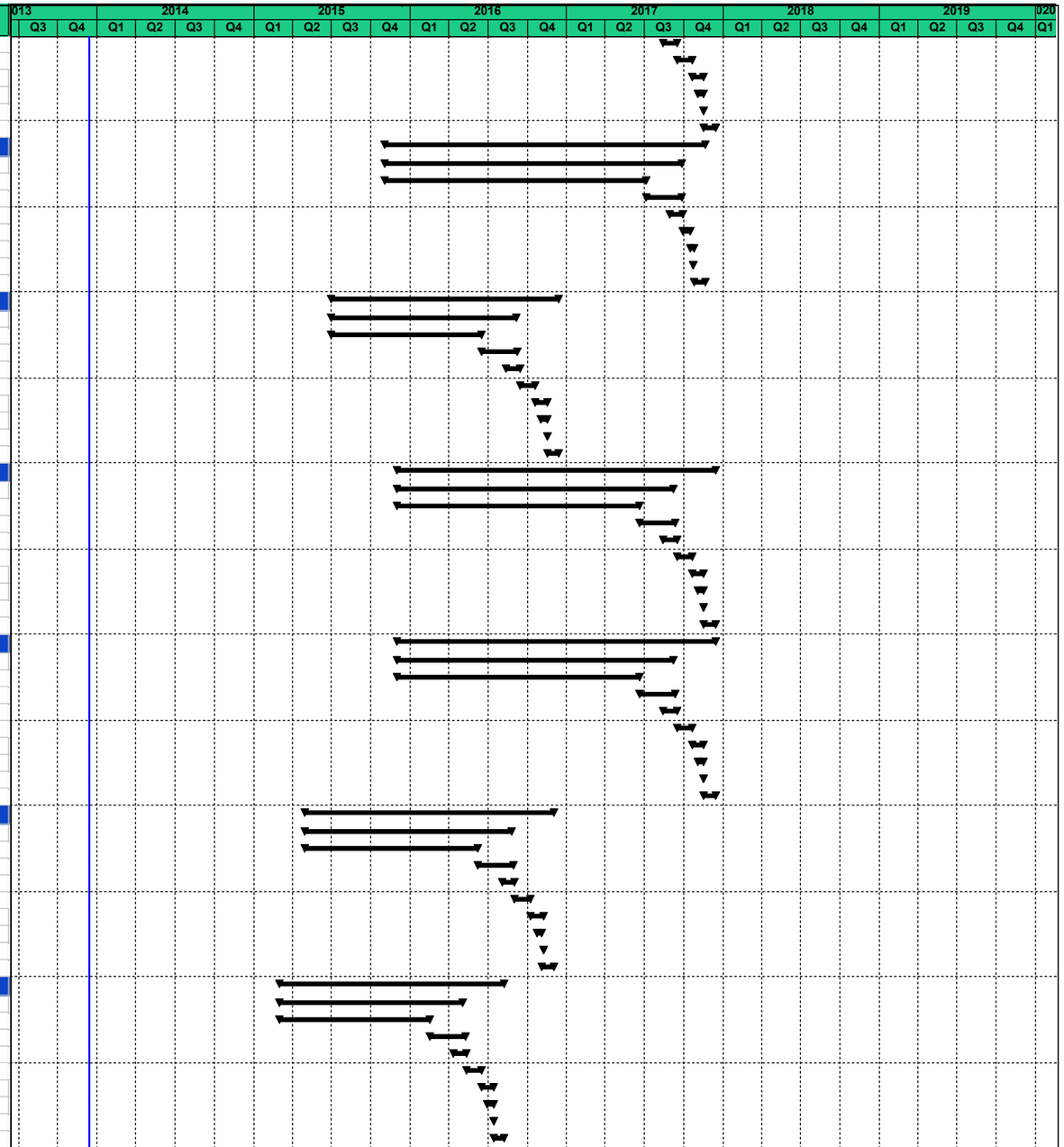
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	21	14-Aug-17	15-Sep-17
	Substructure	22	15-Sep-17	20-Oct-17
	Superstructure	20	20-Oct-17	17-Nov-17
	Roadway	10	03-Nov-17	17-Nov-17
	Substanatial Completion	0	17-Nov-17	17-Nov-17
	Final Completion Items	16	17-Nov-17	15-Dec-17
	Bridge 21446 - SR 1035	524	02-Nov-15	20-Nov-17
	ROW / Permits / Utilties	485	02-Nov-15	26-Sep-17
	Design, Bid, and Award	438	02-Nov-15	06-Jul-17
	Submittals and Fabrication	60	06-Jul-17	27-Sep-17
	MPT, Demolition, Excavation, Piling	19	30-Aug-17	29-Sep-17
	Culvert	11	29-Sep-17	17-Oct-17
	Roadway	6	17-Oct-17	26-Oct-17
	Substanatial Completion	0	23-Oct-17	23-Oct-17
	Final Completion Items	16	26-Oct-17	20-Nov-17
	Bridge 21454 - SR 1037	371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 21459 - SR 1039	522	01-Dec-15	15-Dec-17
	ROW / Permits / Utilties	452	01-Dec-15	07-Sep-17
	Design, Bid, and Award	405	01-Dec-15	20-Jun-17
	Submittals and Fabrication	60	20-Jun-17	11-Sep-17
	MPT, Demolition, Excavation, Piling	21	14-Aug-17	15-Sep-17
	Substructure	22	15-Sep-17	20-Oct-17
	Superstructure	20	20-Oct-17	17-Nov-17
	Roadway	10	03-Nov-17	17-Nov-17
	Substanatial Completion	0	17-Nov-17	17-Nov-17
	Final Completion Items	16	17-Nov-17	15-Dec-17
	Bridge 21474 - SR 1048	522	01-Dec-15	15-Dec-17
	ROW / Permits / Utilties	452	01-Dec-15	07-Sep-17
	Design, Bid, and Award	405	01-Dec-15	20-Jun-17
	Submittals and Fabrication	60	20-Jun-17	11-Sep-17
	MPT, Demolition, Excavation, Piling	21	14-Aug-17	15-Sep-17
	Substructure	22	15-Sep-17	20-Oct-17
	Superstructure	20	20-Oct-17	17-Nov-17
	Roadway	10	03-Nov-17	17-Nov-17
	Substanatial Completion	0	17-Nov-17	17-Nov-17
	Final Completion Items	16	17-Nov-17	15-Dec-17
	Bridge 21482 - SR 1053	405	01-May-15	01-Dec-16
	ROW / Permits / Utilties	337	01-May-15	25-Aug-16
	Design, Bid, and Award	288	01-May-15	08-Jun-16
	Submittals and Fabrication	60	08-Jun-16	30-Aug-16
	MPT, Demolition, Excavation, Piling	21	02-Aug-16	01-Sep-16
	Substructure	22	01-Sep-16	07-Oct-16
	Superstructure	21	07-Oct-16	07-Nov-16
	Roadway	9	24-Oct-16	04-Nov-16
	Substanatial Completion	0	07-Nov-16	07-Nov-16
	Final Completion Items	16	04-Nov-16	01-Dec-16
	Bridge 21487 - SR 1055	368	02-Mar-15	08-Aug-16
	ROW / Permits / Utilties	302	02-Mar-15	04-May-16
	Design, Bid, and Award	251	02-Mar-15	16-Feb-16
	Submittals and Fabrication	60	16-Feb-16	09-May-16
	MPT, Demolition, Excavation, Piling	21	11-Apr-16	12-May-16
	Substructure	22	12-May-16	16-Jun-16
	Superstructure	19	16-Jun-16	14-Jul-16
	Roadway	9	30-Jun-16	14-Jul-16
	Substanatial Completion	0	14-Jul-16	14-Jul-16
	Final Completion Items	16	14-Jul-16	08-Aug-16



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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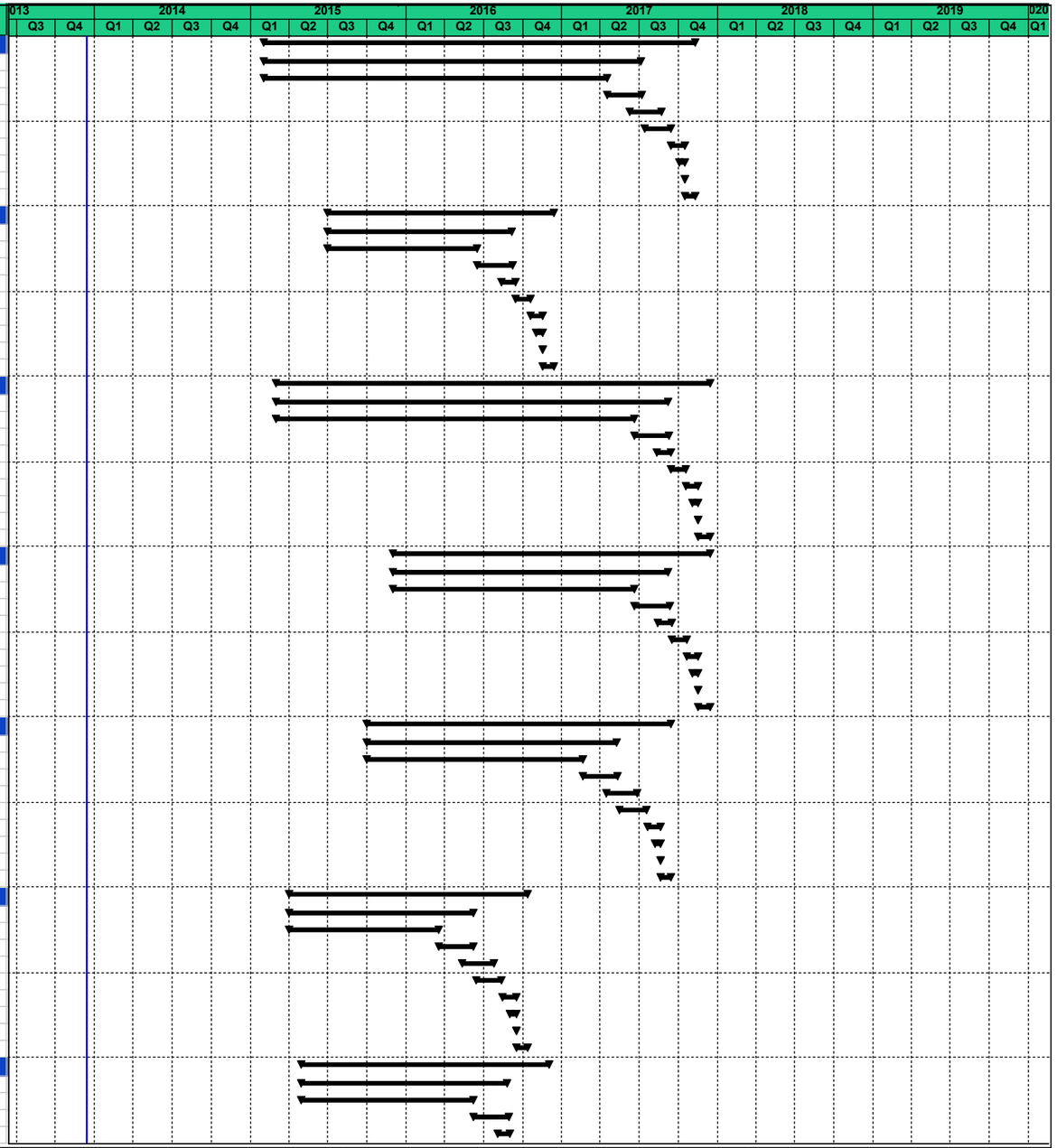
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
Bridge 21514 - Twp Road		709	02-Feb-15	09-Nov-17
ROW / Permits / Utilties		620	02-Feb-15	06-Jul-17
Design, Bid, and Award		575	02-Feb-15	17-Apr-17
Submittals and Fabrication		60	17-Apr-17	07-Jul-17
MPT, Demolition, Excavation, Piling		48	09-Jun-17	22-Aug-17
Substructure		41	13-Jul-17	13-Sep-17
Superstructure		23	14-Sep-17	17-Oct-17
Roadway		10	03-Oct-17	17-Oct-17
Substanatial Completion		0	17-Oct-17	17-Oct-17
Final Completion Items		16	17-Oct-17	09-Nov-17
Bridge 21518 - SR 2005		371	01-Jul-15	13-Dec-16
ROW / Permits / Utilties		302	01-Jul-15	06-Sep-16
Design, Bid, and Award		252	01-Jul-15	17-Jun-16
Submittals and Fabrication		60	17-Jun-16	08-Sep-16
MPT, Demolition, Excavation, Piling		21	11-Aug-16	13-Sep-16
Substructure		22	13-Sep-16	19-Oct-16
Superstructure		20	19-Oct-16	16-Nov-16
Roadway		10	02-Nov-16	16-Nov-16
Substanatial Completion		0	16-Nov-16	16-Nov-16
Final Completion Items		16	16-Nov-16	13-Dec-16
Bridge 21533 - SR 2010		713	02-Mar-15	14-Dec-17
ROW / Permits / Utilties		643	02-Mar-15	06-Sep-17
Design, Bid, and Award		600	02-Mar-15	19-Jun-17
Submittals and Fabrication		60	19-Jun-17	08-Sep-17
MPT, Demolition, Excavation, Piling		21	11-Aug-17	14-Sep-17
Substructure		22	14-Sep-17	19-Oct-17
Superstructure		20	19-Oct-17	16-Nov-17
Roadway		10	02-Nov-17	16-Nov-17
Substanatial Completion		0	16-Nov-17	16-Nov-17
Final Completion Items		16	16-Nov-17	14-Dec-17
Bridge 21536 - SR 2012		522	01-Dec-15	15-Dec-17
ROW / Permits / Utilties		452	01-Dec-15	07-Sep-17
Design, Bid, and Award		405	01-Dec-15	20-Jun-17
Submittals and Fabrication		60	20-Jun-17	11-Sep-17
MPT, Demolition, Excavation, Piling		21	14-Aug-17	15-Sep-17
Substructure		22	15-Sep-17	20-Oct-17
Superstructure		20	20-Oct-17	17-Nov-17
Roadway		10	03-Nov-17	17-Nov-17
Substanatial Completion		0	17-Nov-17	17-Nov-17
Final Completion Items		16	17-Nov-17	15-Dec-17
Bridge 21545 - SR 2015		499	01-Oct-15	14-Sep-17
ROW / Permits / Utilties		409	01-Oct-15	08-May-17
Design, Bid, and Award		362	01-Oct-15	20-Feb-17
Submittals and Fabrication		60	20-Feb-17	12-May-17
MPT, Demolition, Excavation, Piling		48	14-Apr-17	27-Jun-17
Substructure		41	16-May-17	19-Jul-17
Superstructure		22	20-Jul-17	21-Aug-17
Roadway		10	07-Aug-17	21-Aug-17
Substanatial Completion		0	21-Aug-17	21-Aug-17
Final Completion Items		16	21-Aug-17	14-Sep-17
Bridge 21558 - SR 2020		393	01-Apr-15	13-Oct-16
ROW / Permits / Utilties		302	01-Apr-15	06-Jun-16
Design, Bid, and Award		251	01-Apr-15	17-Mar-16
Submittals and Fabrication		60	17-Mar-16	08-Jun-16
MPT, Demolition, Excavation, Piling		48	11-May-16	25-Jul-16
Substructure		41	13-Jun-16	12-Aug-16
Superstructure		22	15-Aug-16	15-Sep-16
Roadway		10	01-Sep-16	16-Sep-16
Substanatial Completion		0	16-Sep-16	16-Sep-16
Final Completion Items		17	15-Sep-16	13-Oct-16
Bridge 21559 - SR 2020		405	01-May-15	01-Dec-16
ROW / Permits / Utilties		337	01-May-15	25-Aug-16
Design, Bid, and Award		288	01-May-15	08-Jun-16
Submittals and Fabrication		60	08-Jun-16	30-Aug-16
MPT, Demolition, Excavation, Piling		21	02-Aug-16	01-Sep-16



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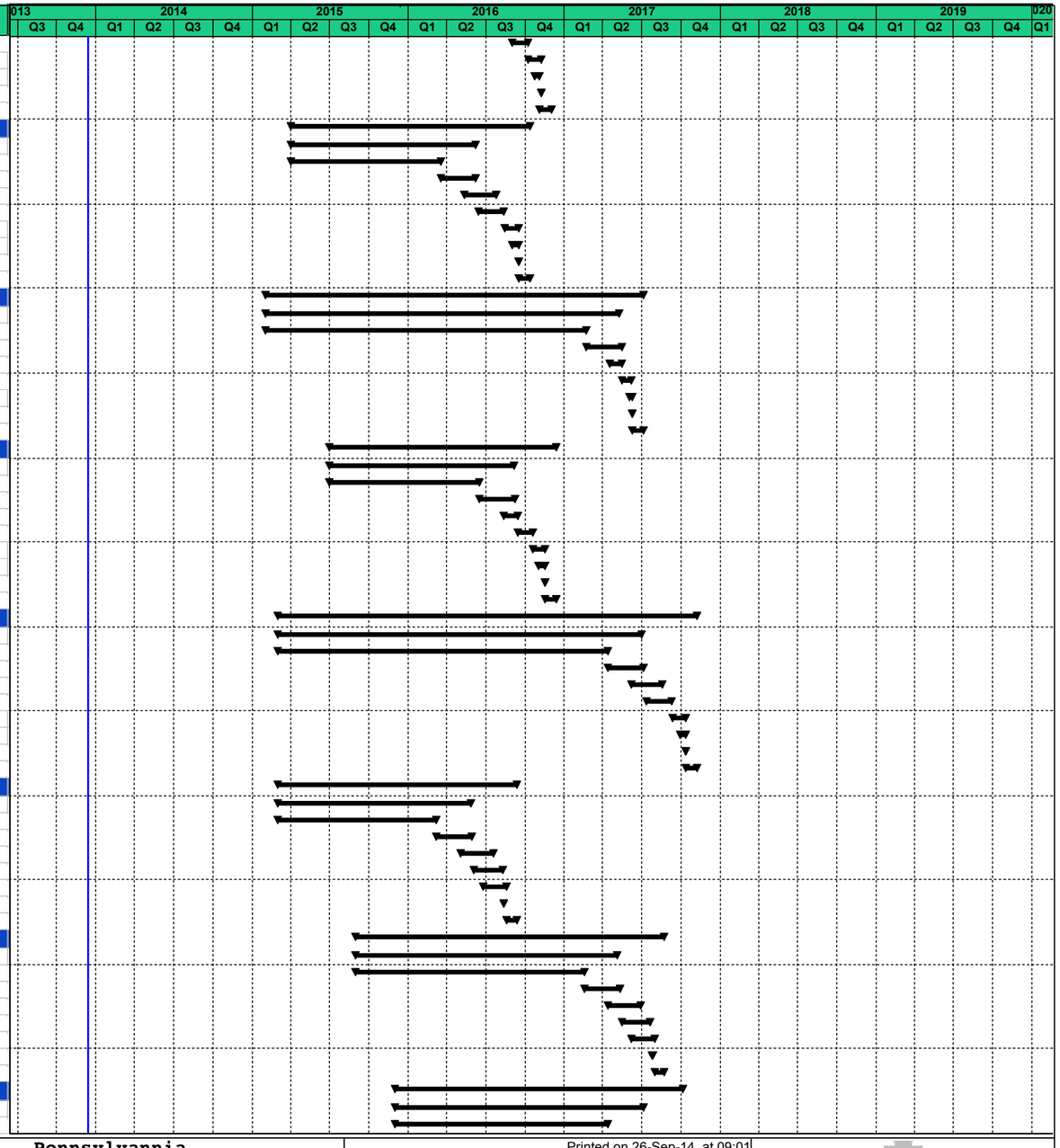
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substructure	22	01-Sep-16	07-Oct-16
	Superstructure	21	07-Oct-16	07-Nov-16
	Roadway	9	24-Oct-16	04-Nov-16
	Substanatial Completion	0	07-Nov-16	07-Nov-16
	Final Completion Items	16	04-Nov-16	01-Dec-16
Bridge 21595 - 2045 Monterrey Road		393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
Bridge 21601 - SR 3004		619	02-Feb-15	05-Jul-17
	ROW / Permits / Utilties	581	02-Feb-15	10-May-17
	Design, Bid, and Award	536	02-Feb-15	21-Feb-17
	Submittals and Fabrication	60	21-Feb-17	15-May-17
	MPT, Demolition, Excavation, Piling	20	17-Apr-17	16-May-17
	Superstructure	15	15-May-17	07-Jun-17
	Roadway	5	02-Jun-17	09-Jun-17
	Substanatial Completion	0	09-Jun-17	09-Jun-17
	Final Completion Items	16	08-Jun-17	05-Jul-17
Bridge 21637 - SR 3017		371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 21662 - 3032 Le Tort Road		687	02-Mar-15	07-Nov-17
	ROW / Permits / Utilties	597	02-Mar-15	30-Jun-17
	Design, Bid, and Award	553	02-Mar-15	13-Apr-17
	Submittals and Fabrication	60	13-Apr-17	05-Jul-17
	MPT, Demolition, Excavation, Piling	48	07-Jun-17	18-Aug-17
	Substructure	41	11-Jul-17	08-Sep-17
	Superstructure	24	11-Sep-17	13-Oct-17
	Roadway	10	29-Sep-17	13-Oct-17
	Substanatial Completion	0	13-Oct-17	13-Oct-17
	Final Completion Items	16	13-Oct-17	07-Nov-17
Bridge 22812 - SR 4020		392	02-Mar-15	12-Sep-16
	ROW / Permits / Utilties	318	02-Mar-15	26-May-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	51	02-May-16	19-Jul-16
	Culvert	44	03-Jun-16	09-Aug-16
	Roadway	36	24-Jun-16	18-Aug-16
	Substanatial Completion	0	12-Aug-16	12-Aug-16
	Final Completion Items	16	18-Aug-16	12-Sep-16
Bridge 29426 - US 11 & 15		505	01-Sep-15	23-Aug-17
	ROW / Permits / Utilties	429	01-Sep-15	05-May-17
	Design, Bid, and Award	383	01-Sep-15	17-Feb-17
	Submittals and Fabrication	60	17-Feb-17	11-May-17
	MPT, Demolition, Excavation, Piling	51	13-Apr-17	29-Jun-17
	Culvert	44	15-May-17	21-Jul-17
	Roadway	36	06-Jun-17	31-Jul-17
	Substanatial Completion	0	26-Jul-17	26-Jul-17
	Final Completion Items	16	31-Jul-17	23-Aug-17
Bridge 29451 - SR 0017		472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17



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Plenary Walsh Keystone Partners
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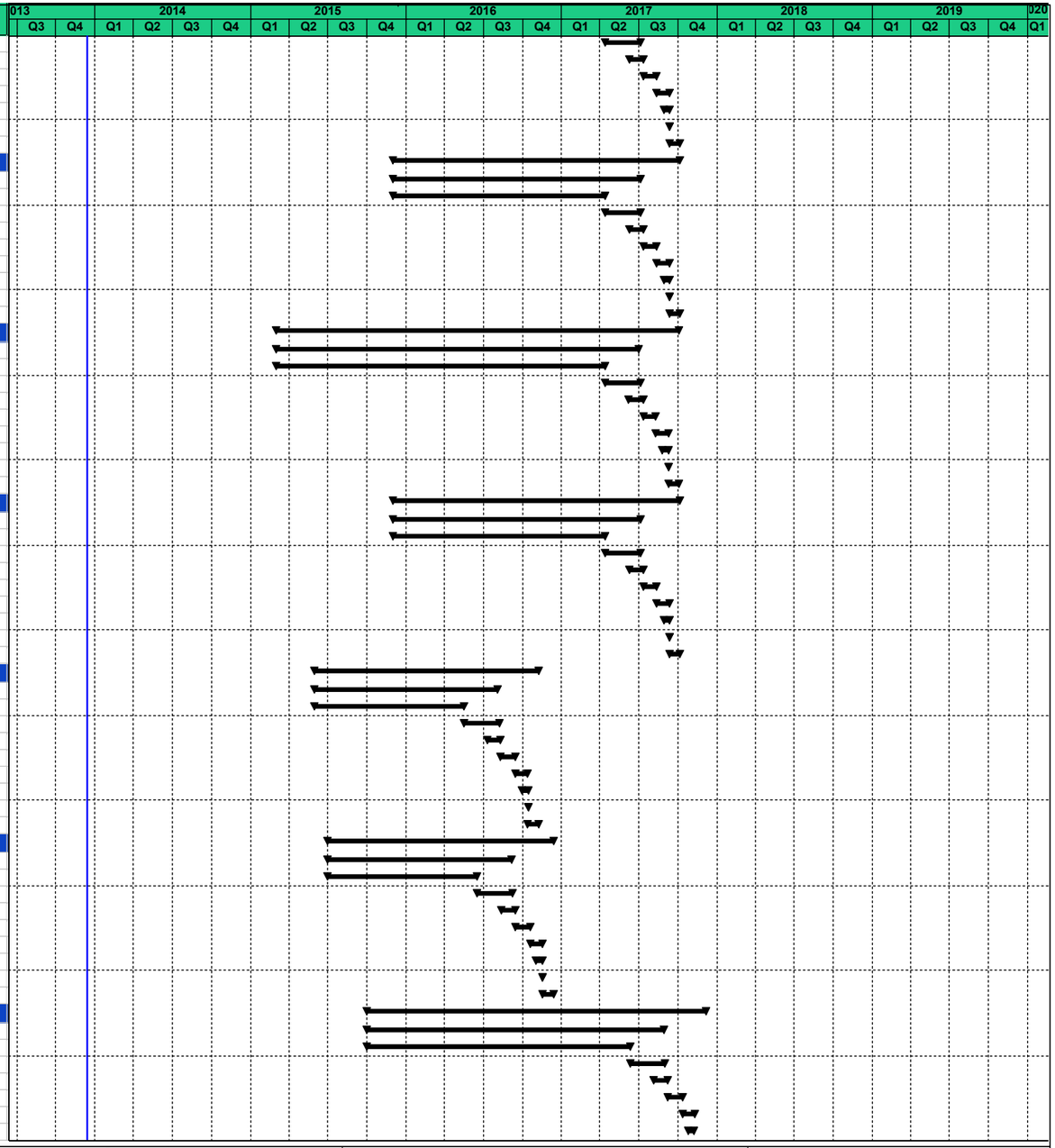
Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
	Bridge 29468 - SR 0017	472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
	Bridge 29518 - SR 0074	663	02-Mar-15	04-Oct-17
	ROW / Permits / Utilties	597	02-Mar-15	30-Jun-17
	Design, Bid, and Award	553	02-Mar-15	13-Apr-17
	Submittals and Fabrication	60	13-Apr-17	05-Jul-17
	MPT, Demolition, Excavation, Piling	21	07-Jun-17	11-Jul-17
	Substructure	22	11-Jul-17	10-Aug-17
	Superstructure	20	10-Aug-17	08-Sep-17
	Roadway	9	25-Aug-17	08-Sep-17
	Substanatial Completion	0	08-Sep-17	08-Sep-17
	Final Completion Items	16	08-Sep-17	04-Oct-17
	Bridge 29565 - SR 0850	472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
	Bridge 29566 - SR 0850	368	01-Jun-15	07-Nov-16
	ROW / Permits / Utilties	301	01-Jun-15	03-Aug-16
	Design, Bid, and Award	251	01-Jun-15	17-May-16
	Submittals and Fabrication	60	17-May-16	08-Aug-16
	MPT, Demolition, Excavation, Piling	21	11-Jul-16	10-Aug-16
	Substructure	22	10-Aug-16	13-Sep-16
	Superstructure	22	13-Sep-16	13-Oct-16
	Roadway	11	29-Sep-16	14-Oct-16
	Substanatial Completion	0	14-Oct-16	14-Oct-16
	Final Completion Items	17	13-Oct-16	07-Nov-16
	Bridge 29605 - W. Juniata Parkway	371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
	Bridge 29651 - SR 3006	557	01-Oct-15	06-Dec-17
	ROW / Permits / Utilties	488	01-Oct-15	29-Aug-17
	Design, Bid, and Award	442	01-Oct-15	12-Jun-17
	Submittals and Fabrication	60	12-Jun-17	01-Sep-17
	MPT, Demolition, Excavation, Piling	21	04-Aug-17	06-Sep-17
	Substructure	22	06-Sep-17	11-Oct-17
	Superstructure	21	11-Oct-17	09-Nov-17
	Roadway	9	26-Oct-17	08-Nov-17



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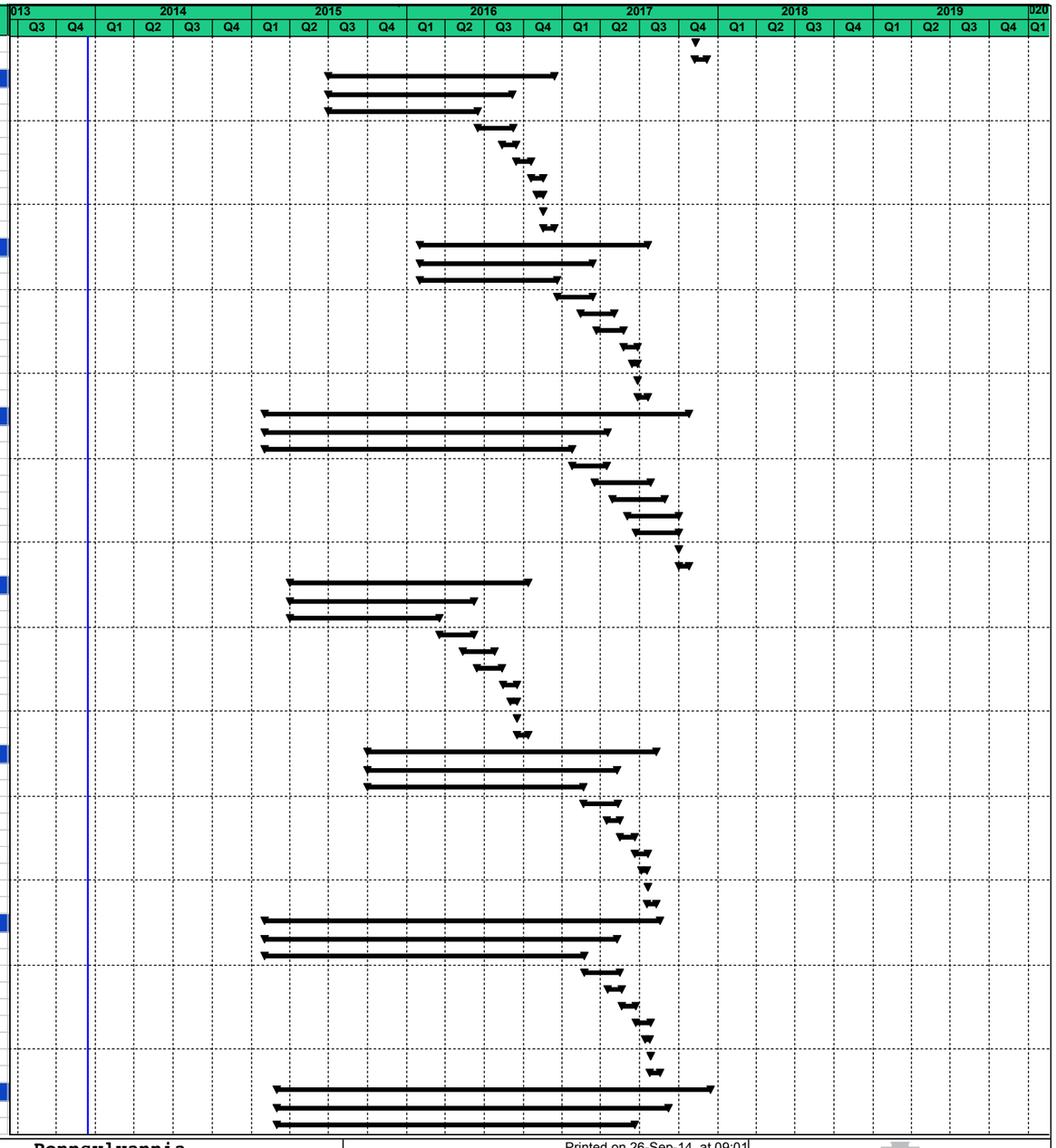
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	09-Nov-17	09-Nov-17
	Final Completion Items	16	08-Nov-17	06-Dec-17
Bridge 29673 - SR 3017		371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 29693 - Creek Road		377	01-Feb-16	21-Jul-17
	ROW / Permits / Utilties	285	01-Feb-16	13-Mar-17
	Design, Bid, and Award	231	01-Feb-16	20-Dec-16
	Submittals and Fabrication	60	20-Dec-16	13-Mar-17
	MPT, Demolition, Excavation, Piling	48	13-Feb-17	02-May-17
	Substructure	41	21-Mar-17	24-May-17
	Superstructure	22	25-May-17	27-Jun-17
	Roadway	10	13-Jun-17	27-Jun-17
	Substanatial Completion	0	27-Jun-17	27-Jun-17
	Final Completion Items	16	27-Jun-17	21-Jul-17
Bridge 37488 - SR 0124		699	02-Feb-15	26-Oct-17
	ROW / Permits / Utilties	565	02-Feb-15	18-Apr-17
	Design, Bid, and Award	515	02-Feb-15	23-Jan-17
	Submittals and Fabrication	60	23-Jan-17	14-Apr-17
	MPT, Demolition, Excavation, Piling	85	17-Mar-17	27-Jul-17
	Substructure	80	28-Apr-17	29-Aug-17
	Superstructure	84	02-Jun-17	02-Oct-17
	Roadway	71	21-Jun-17	02-Oct-17
	Substanatial Completion	0	02-Oct-17	02-Oct-17
	Final Completion Items	16	02-Oct-17	26-Oct-17
Bridge 37491 - SR 0124		393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
Bridge 37590 - SR 0425		475	01-Oct-15	10-Aug-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	21	14-Apr-17	16-May-17
	Substructure	22	16-May-17	20-Jun-17
	Superstructure	21	20-Jun-17	20-Jul-17
	Roadway	9	06-Jul-17	19-Jul-17
	Substanatial Completion	0	20-Jul-17	20-Jul-17
	Final Completion Items	16	19-Jul-17	10-Aug-17
Bridge 37607 - SR 0616		651	02-Feb-15	18-Aug-17
	ROW / Permits / Utilties	581	02-Feb-15	10-May-17
	Design, Bid, and Award	536	02-Feb-15	21-Feb-17
	Submittals and Fabrication	60	21-Feb-17	15-May-17
	MPT, Demolition, Excavation, Piling	22	17-Apr-17	19-May-17
	Substructure	22	19-May-17	22-Jun-17
	Superstructure	24	22-Jun-17	27-Jul-17
	Roadway	9	13-Jul-17	26-Jul-17
	Substanatial Completion	0	27-Jul-17	27-Jul-17
	Final Completion Items	16	26-Jul-17	18-Aug-17
Bridge 37608 - Seven Valleys Road		713	02-Mar-15	14-Dec-17
	ROW / Permits / Utilties	643	02-Mar-15	06-Sep-17
	Design, Bid, and Award	600	02-Mar-15	19-Jun-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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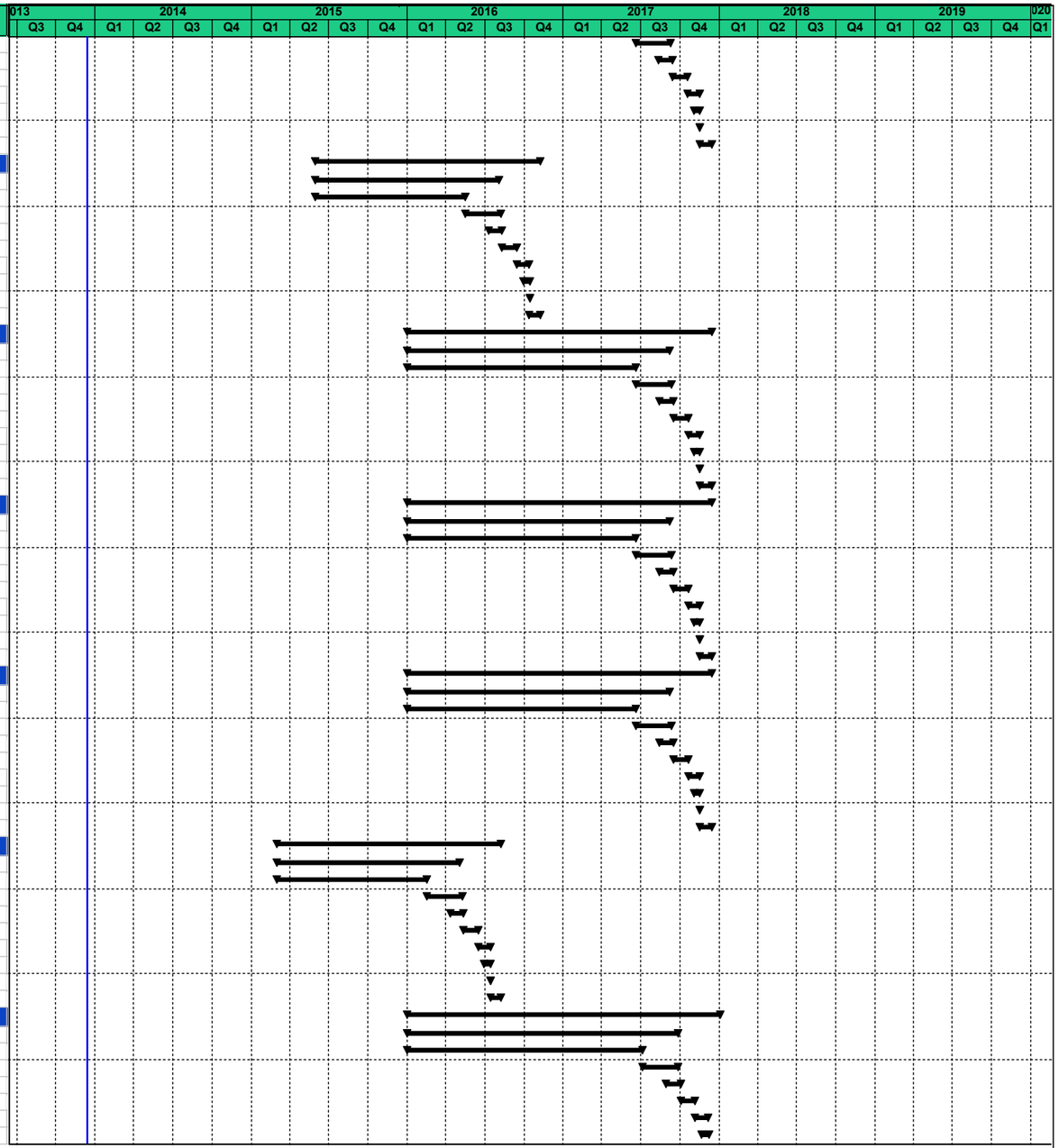
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	19-Jun-17	08-Sep-17
	MPT, Demolition, Excavation, Piling	21	11-Aug-17	14-Sep-17
	Substructure	22	14-Sep-17	19-Oct-17
	Superstructure	20	19-Oct-17	16-Nov-17
	Roadway	10	02-Nov-17	16-Nov-17
	Substanatial Completion	0	16-Nov-17	16-Nov-17
	Final Completion Items	16	16-Nov-17	14-Dec-17
	Bridge 37641 - SR 0921	368	01-Jun-15	07-Nov-16
	ROW / Permits / Utilties	301	01-Jun-15	03-Aug-16
	Design, Bid, and Award	251	01-Jun-15	17-May-16
	Submittals and Fabrication	60	17-May-16	08-Aug-16
	MPT, Demolition, Excavation, Piling	21	11-Jul-16	10-Aug-16
	Substructure	22	10-Aug-16	13-Sep-16
	Superstructure	22	13-Sep-16	13-Oct-16
	Roadway	11	29-Sep-16	14-Oct-16
	Substanatial Completion	0	14-Oct-16	14-Oct-16
	Final Completion Items	17	13-Oct-16	07-Nov-16
	Bridge 37725 - SR 2028	500	01-Jan-16	15-Dec-17
	ROW / Permits / Utilties	430	01-Jan-16	07-Sep-17
	Design, Bid, and Award	382	01-Jan-16	20-Jun-17
	Submittals and Fabrication	60	20-Jun-17	11-Sep-17
	MPT, Demolition, Excavation, Piling	21	14-Aug-17	15-Sep-17
	Substructure	22	15-Sep-17	20-Oct-17
	Superstructure	20	20-Oct-17	17-Nov-17
	Roadway	10	03-Nov-17	17-Nov-17
	Substanatial Completion	0	17-Nov-17	17-Nov-17
	Final Completion Items	16	17-Nov-17	15-Dec-17
	Bridge 37726 - SR 2029	500	01-Jan-16	15-Dec-17
	ROW / Permits / Utilties	430	01-Jan-16	07-Sep-17
	Design, Bid, and Award	382	01-Jan-16	20-Jun-17
	Submittals and Fabrication	60	20-Jun-17	11-Sep-17
	MPT, Demolition, Excavation, Piling	21	14-Aug-17	15-Sep-17
	Substructure	22	15-Sep-17	20-Oct-17
	Superstructure	20	20-Oct-17	17-Nov-17
	Roadway	10	03-Nov-17	17-Nov-17
	Substanatial Completion	0	17-Nov-17	17-Nov-17
	Final Completion Items	16	17-Nov-17	15-Dec-17
	Bridge 37878 - SR 3045	500	01-Jan-16	15-Dec-17
	ROW / Permits / Utilties	430	01-Jan-16	07-Sep-17
	Design, Bid, and Award	382	01-Jan-16	20-Jun-17
	Submittals and Fabrication	60	20-Jun-17	11-Sep-17
	MPT, Demolition, Excavation, Piling	21	14-Aug-17	15-Sep-17
	Substructure	22	15-Sep-17	20-Oct-17
	Superstructure	20	20-Oct-17	17-Nov-17
	Roadway	10	03-Nov-17	17-Nov-17
	Substanatial Completion	0	17-Nov-17	17-Nov-17
	Final Completion Items	16	17-Nov-17	15-Dec-17
	Bridge 37890 - SR 3051	368	02-Mar-15	08-Aug-16
	ROW / Permits / Utilties	302	02-Mar-15	04-May-16
	Design, Bid, and Award	251	02-Mar-15	16-Feb-16
	Submittals and Fabrication	60	16-Feb-16	09-May-16
	MPT, Demolition, Excavation, Piling	21	11-Apr-16	12-May-16
	Substructure	22	12-May-16	16-Jun-16
	Superstructure	19	16-Jun-16	14-Jul-16
	Roadway	9	30-Jun-16	14-Jul-16
	Substanatial Completion	0	14-Jul-16	14-Jul-16
	Final Completion Items	16	14-Jul-16	08-Aug-16
	Bridge 37921 - SR 3071	512	01-Jan-16	04-Jan-18
	ROW / Permits / Utilties	443	01-Jan-16	26-Sep-17
	Design, Bid, and Award	394	01-Jan-16	06-Jul-17
	Submittals and Fabrication	60	06-Jul-17	27-Sep-17
	MPT, Demolition, Excavation, Piling	21	30-Aug-17	03-Oct-17
	Substructure	22	03-Oct-17	06-Nov-17
	Superstructure	21	06-Nov-17	06-Dec-17
	Roadway	11	21-Nov-17	07-Dec-17



Remaining Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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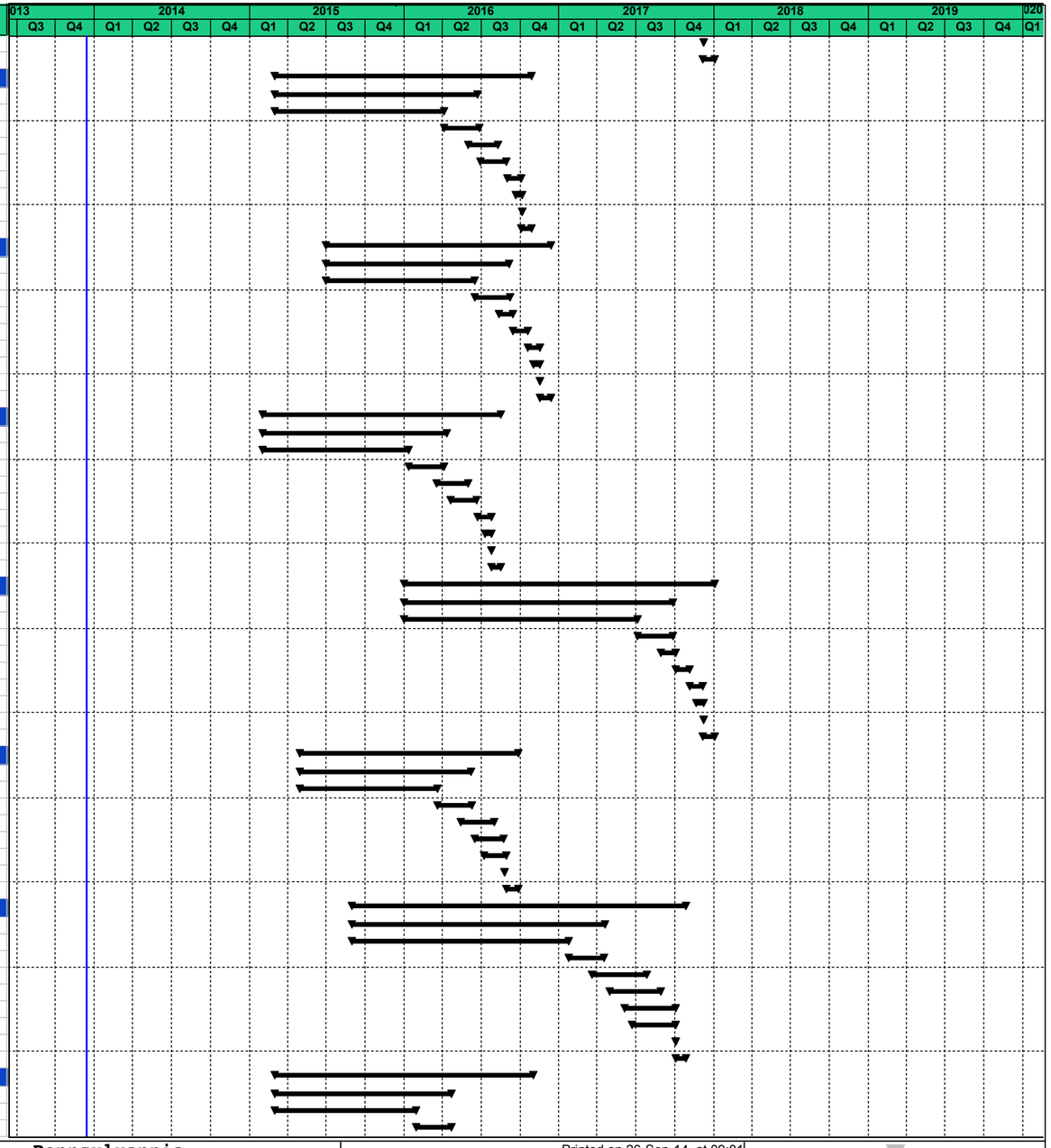
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	07-Dec-17	07-Dec-17
	Final Completion Items	17	06-Dec-17	04-Jan-18
Bridge 37946 - SR 4001		426	02-Mar-15	28-Oct-16
	ROW / Permits / Utilties	336	02-Mar-15	22-Jun-16
	Design, Bid, and Award	286	02-Mar-15	05-Apr-16
	Submittals and Fabrication	60	05-Apr-16	27-Jun-16
	MPT, Demolition, Excavation, Piling	48	31-May-16	09-Aug-16
	Substructure	41	29-Jun-16	30-Aug-16
	Superstructure	23	31-Aug-16	04-Oct-16
	Roadway	11	20-Sep-16	05-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	17	05-Oct-16	28-Oct-16
Bridge 37976 - SR 4012		371	01-Jul-15	13-Dec-16
	ROW / Permits / Utilties	302	01-Jul-15	06-Sep-16
	Design, Bid, and Award	252	01-Jul-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 38007 - SR 4033		394	02-Feb-15	16-Aug-16
	ROW / Permits / Utilties	305	02-Feb-15	11-Apr-16
	Design, Bid, and Award	246	02-Feb-15	12-Jan-16
	Submittals and Fabrication	60	12-Jan-16	04-Apr-16
	MPT, Demolition, Excavation, Piling	48	18-Mar-16	31-May-16
	Substructure	41	19-Apr-16	21-Jun-16
	Superstructure	22	22-Jun-16	25-Jul-16
	Roadway	10	11-Jul-16	25-Jul-16
	Substanatial Completion	0	26-Jul-16	26-Jul-16
	Final Completion Items	16	25-Jul-16	16-Aug-16
Bridge 38023 - Big Mount Road		512	01-Jan-16	04-Jan-18
	ROW / Permits / Utilties	443	01-Jan-16	26-Sep-17
	Design, Bid, and Award	394	01-Jan-16	06-Jul-17
	Submittals and Fabrication	60	06-Jul-17	27-Sep-17
	MPT, Demolition, Excavation, Piling	21	30-Aug-17	03-Oct-17
	Substructure	22	03-Oct-17	06-Nov-17
	Superstructure	21	06-Nov-17	06-Dec-17
	Roadway	11	21-Nov-17	07-Dec-17
	Substanatial Completion	0	07-Dec-17	07-Dec-17
	Final Completion Items	17	06-Dec-17	04-Jan-18
Bridge 3954 - US 30		358	01-May-15	26-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	51	13-May-16	01-Aug-16
	Culvert	44	16-Jun-16	22-Aug-16
	Roadway	36	07-Jul-16	30-Aug-16
	Substanatial Completion	0	25-Aug-16	25-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
Bridge 3955 - US 30		551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
Bridge 4010 - PA 56		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16



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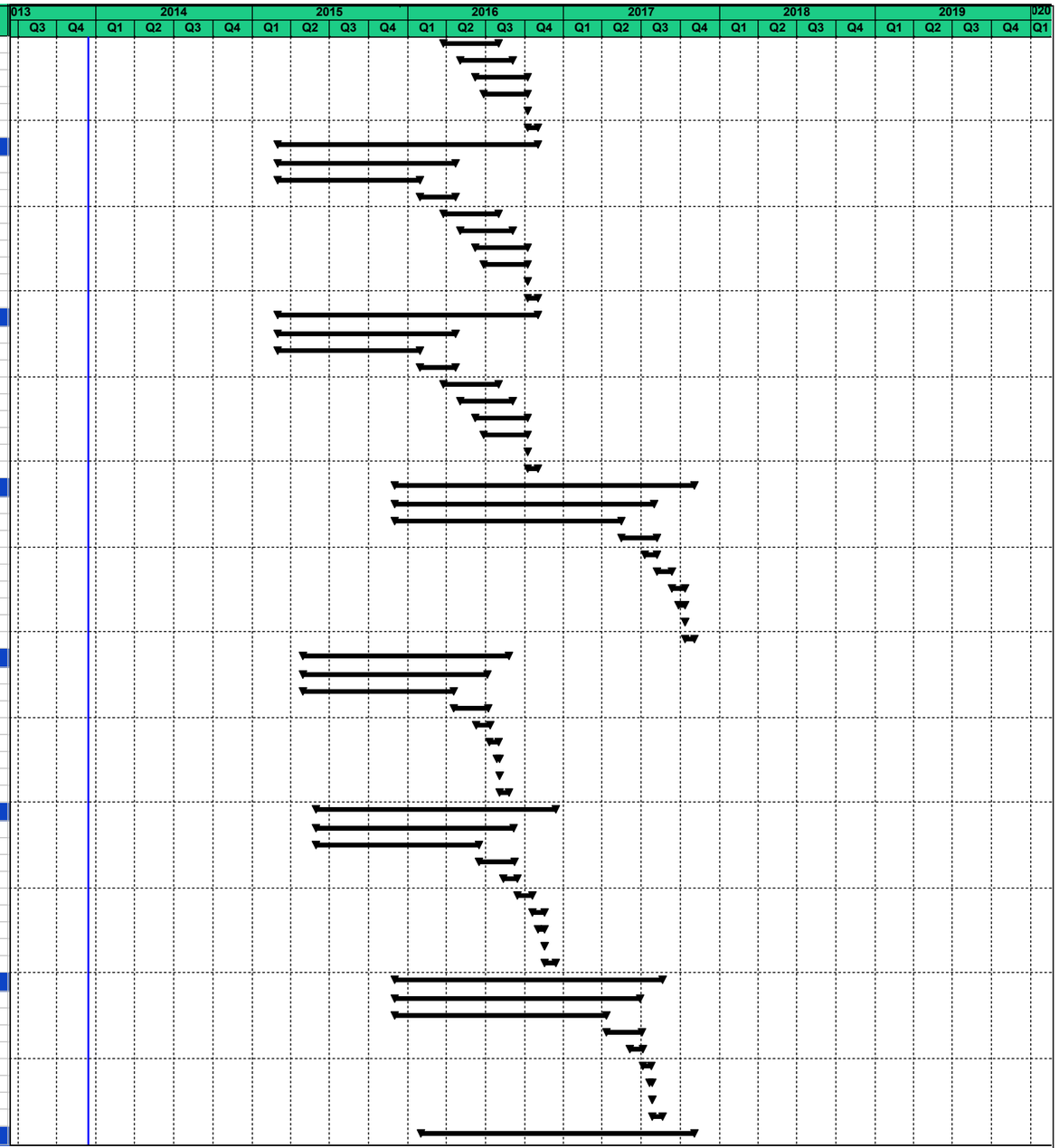
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 4044 - PA 96		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 4122 - PA 869		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 4174 - SR 1011		493	01-Dec-15	03-Nov-17
	ROW / Permits / Utilties	426	01-Dec-15	01-Aug-17
	Design, Bid, and Award	380	01-Dec-15	16-May-17
	Submittals and Fabrication	60	16-May-17	07-Aug-17
	MPT, Demolition, Excavation, Piling	21	10-Jul-17	08-Aug-17
	Substructure	22	08-Aug-17	11-Sep-17
	Superstructure	22	11-Sep-17	11-Oct-17
	Roadway	10	27-Sep-17	11-Oct-17
	Substanatial Completion	0	11-Oct-17	11-Oct-17
	Final Completion Items	16	11-Oct-17	03-Nov-17
Bridge 4177 - SR 1012		338	01-May-15	26-Aug-16
	ROW / Permits / Utilties	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	20	10-Jun-16	12-Jul-16
	Superstructure	15	11-Jul-16	02-Aug-16
	Roadway	5	28-Jul-16	04-Aug-16
	Substanatial Completion	0	04-Aug-16	04-Aug-16
	Final Completion Items	16	03-Aug-16	26-Aug-16
Bridge 4196 - SR 1020		393	01-Jun-15	13-Dec-16
	ROW / Permits / Utilties	324	01-Jun-15	06-Sep-16
	Design, Bid, and Award	274	01-Jun-15	17-Jun-16
	Submittals and Fabrication	60	17-Jun-16	08-Sep-16
	MPT, Demolition, Excavation, Piling	21	11-Aug-16	13-Sep-16
	Substructure	22	13-Sep-16	19-Oct-16
	Superstructure	20	19-Oct-16	16-Nov-16
	Roadway	10	02-Nov-16	16-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	16-Nov-16	13-Dec-16
Bridge 4386 - SR 4031		440	01-Dec-15	21-Aug-17
	ROW / Permits / Utilties	403	01-Dec-15	28-Jun-17
	Design, Bid, and Award	355	01-Dec-15	11-Apr-17
	Submittals and Fabrication	60	11-Apr-17	03-Jul-17
	MPT, Demolition, Excavation, Piling	20	05-Jun-17	06-Jul-17
	Superstructure	15	05-Jul-17	26-Jul-17
	Roadway	5	21-Jul-17	28-Jul-17
	Substanatial Completion	0	28-Jul-17	28-Jul-17
	Final Completion Items	16	27-Jul-17	21-Aug-17
Bridge 5699 - SR 1013		451	01-Feb-16	03-Nov-17



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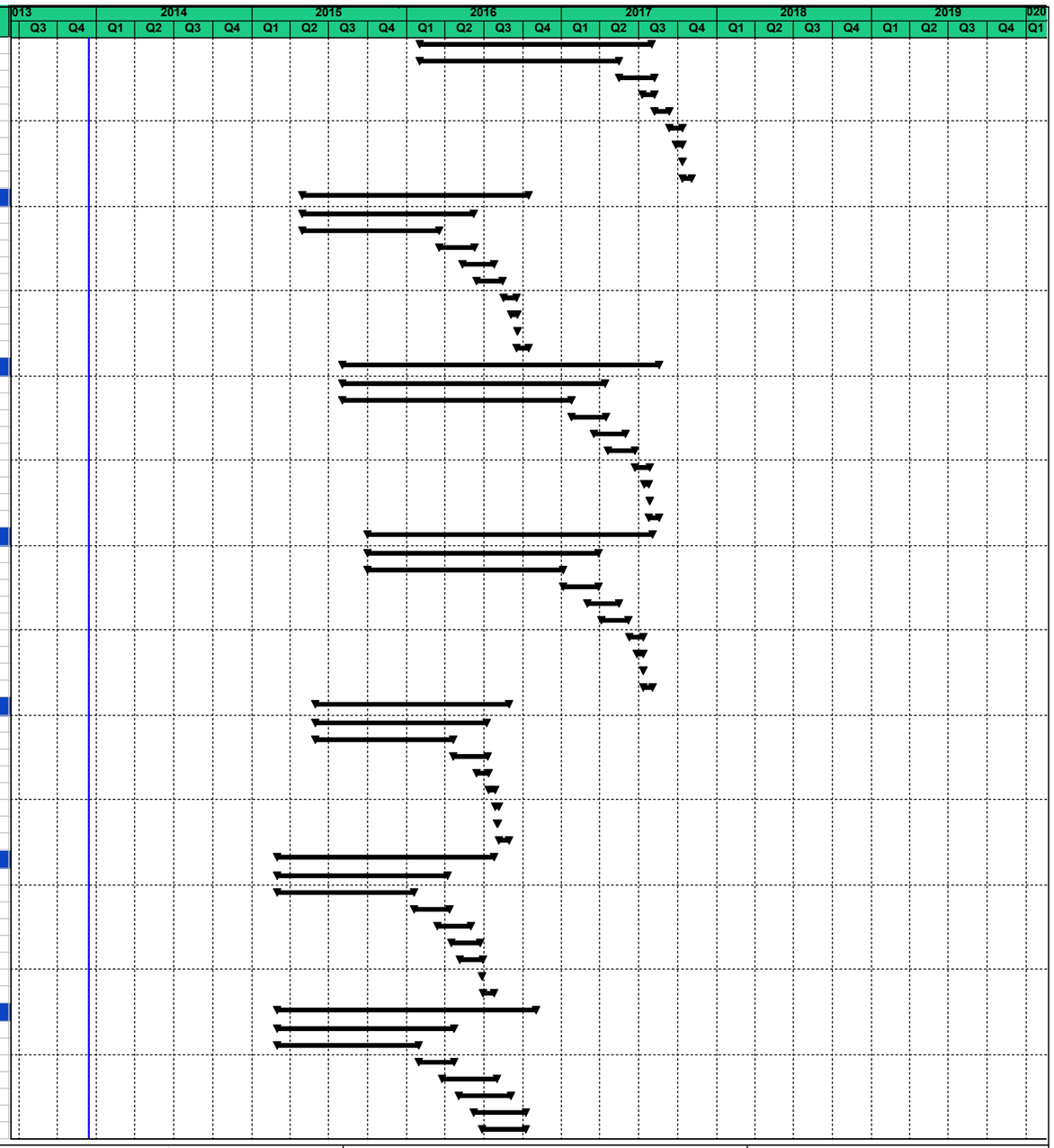
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	384	01-Feb-16	01-Aug-17
	Design, Bid, and Award	336	01-Feb-16	16-May-17
	Submittals and Fabrication	60	16-May-17	07-Aug-17
	MPT, Demolition, Excavation, Piling	21	10-Jul-17	08-Aug-17
	Substructure	22	08-Aug-17	11-Sep-17
	Superstructure	22	11-Sep-17	11-Oct-17
	Roadway	10	27-Sep-17	11-Oct-17
	Substanatial Completion	0	11-Oct-17	11-Oct-17
	Final Completion Items	16	11-Oct-17	03-Nov-17
Bridge 5702 - SR 1013		372	01-May-15	14-Oct-16
	ROW / Permits / Utilties	281	01-May-15	07-Jun-16
	Design, Bid, and Award	230	01-May-15	18-Mar-16
	Submittals and Fabrication	60	18-Mar-16	09-Jun-16
	MPT, Demolition, Excavation, Piling	48	12-May-16	26-Jul-16
	Substructure	41	14-Jun-16	15-Aug-16
	Superstructure	22	16-Aug-16	16-Sep-16
	Roadway	10	02-Sep-16	19-Sep-16
	Substanatial Completion	0	19-Sep-16	19-Sep-16
	Final Completion Items	17	16-Sep-16	14-Oct-16
Bridge 5709 - SR 1013		523	03-Aug-15	18-Aug-17
	ROW / Permits / Utilties	434	03-Aug-15	13-Apr-17
	Design, Bid, and Award	385	03-Aug-15	23-Jan-17
	Submittals and Fabrication	60	23-Jan-17	14-Apr-17
	MPT, Demolition, Excavation, Piling	48	17-Mar-17	01-Jun-17
	Substructure	41	20-Apr-17	22-Jun-17
	Superstructure	23	23-Jun-17	27-Jul-17
	Roadway	9	13-Jul-17	26-Jul-17
	Substanatial Completion	0	27-Jul-17	27-Jul-17
	Final Completion Items	16	26-Jul-17	18-Aug-17
Bridge 5763 - SR 3005		470	01-Oct-15	03-Aug-17
	ROW / Permits / Utilties	380	01-Oct-15	28-Mar-17
	Design, Bid, and Award	330	01-Oct-15	05-Jan-17
	Submittals and Fabrication	60	05-Jan-17	29-Mar-17
	MPT, Demolition, Excavation, Piling	48	01-Mar-17	16-May-17
	Substructure	41	05-Apr-17	07-Jun-17
	Superstructure	22	08-Jun-17	11-Jul-17
	Roadway	10	27-Jun-17	12-Jul-17
	Substanatial Completion	0	12-Jul-17	12-Jul-17
	Final Completion Items	16	12-Jul-17	03-Aug-17
Bridge 5883 - SR 4031		320	01-Jun-15	30-Aug-16
	ROW / Permits / Utilties	282	01-Jun-15	07-Jul-16
	Design, Bid, and Award	231	01-Jun-15	19-Apr-16
	Submittals and Fabrication	60	19-Apr-16	11-Jul-16
	MPT, Demolition, Excavation, Piling	19	13-Jun-16	12-Jul-16
	Culvert	11	12-Jul-16	28-Jul-16
	Roadway	6	28-Jul-16	05-Aug-16
	Substanatial Completion	0	02-Aug-16	02-Aug-16
	Final Completion Items	16	05-Aug-16	30-Aug-16
Bridge 8424 - PA 160		359	02-Mar-15	26-Jul-16
	ROW / Permits / Utilties	283	02-Mar-15	07-Apr-16
	Design, Bid, and Award	231	02-Mar-15	19-Jan-16
	Submittals and Fabrication	60	19-Jan-16	11-Apr-16
	MPT, Demolition, Excavation, Piling	51	14-Mar-16	01-Jun-16
	Culvert	44	15-Apr-16	22-Jun-16
	Roadway	36	05-May-16	30-Jun-16
	Substanatial Completion	0	27-Jun-16	27-Jun-16
	Final Completion Items	16	30-Jun-16	26-Jul-16
Bridge 8425 - PA 160		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16



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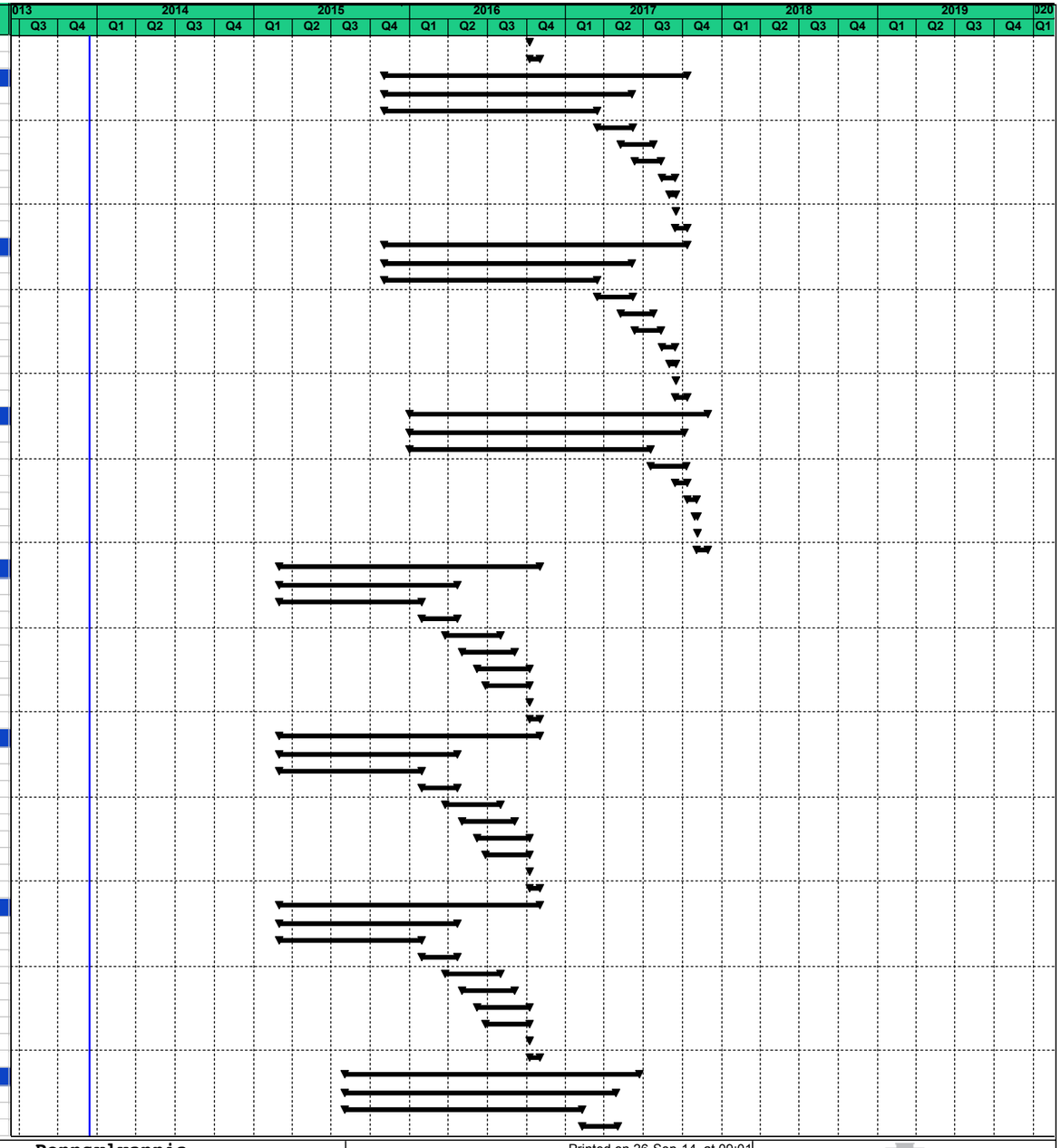
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 8580 - SR 1026	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilities	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 17813 - PA 484	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 17826 - US 522	489	01-Jan-16	30-Nov-17
	ROW / Permits / Utilties	450	01-Jan-16	05-Oct-17
	Design, Bid, and Award	403	01-Jan-16	19-Jul-17
	Submittals and Fabrication	60	19-Jul-17	10-Oct-17
	MPT, Demolition, Excavation, Piling	20	13-Sep-17	12-Oct-17
	Superstructure	15	11-Oct-17	02-Nov-17
	Roadway	4	30-Oct-17	04-Nov-17
	Substanatial Completion	0	05-Nov-17	05-Nov-17
	Final Completion Items	16	03-Nov-17	30-Nov-17
	Bridge 17827 - US 522	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 17828 - US 522	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 17832 - US 522	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 17850 - PA 655	482	03-Aug-15	21-Jun-17
	ROW / Permits / Utilties	444	03-Aug-15	27-Apr-17
	Design, Bid, and Award	397	03-Aug-15	08-Feb-17
	Submittals and Fabrication	60	08-Feb-17	02-May-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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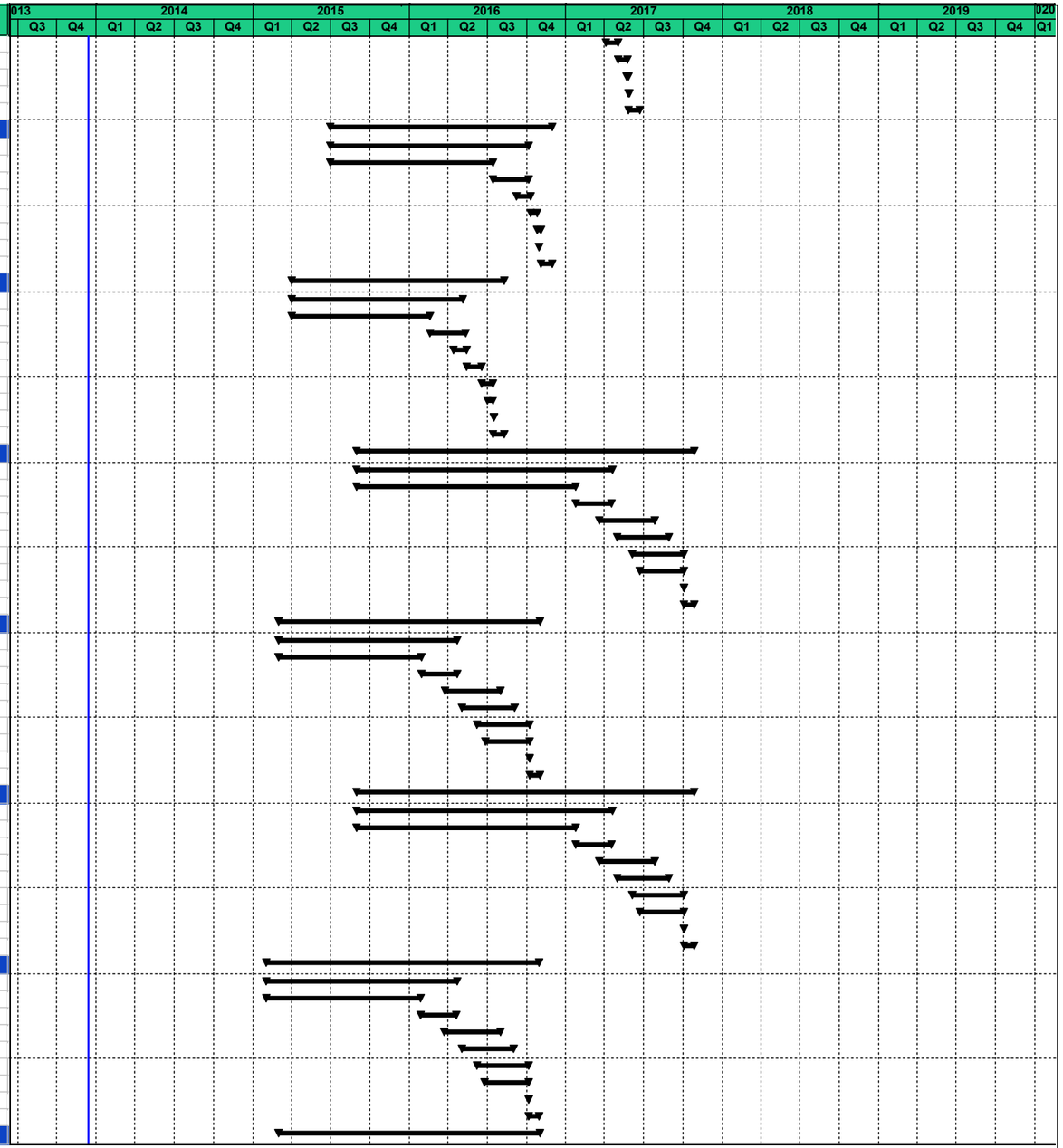
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	20	05-Apr-17	03-May-17
	Superstructure	15	02-May-17	25-May-17
	Roadway	4	22-May-17	27-May-17
	Substanatial Completion	0	28-May-17	28-May-17
	Final Completion Items	16	26-May-17	21-Jun-17
	Bridge 17853 - PA 655	362	01-Jul-15	30-Nov-16
	ROW / Permits / Utilties	323	01-Jul-15	05-Oct-16
	Design, Bid, and Award	272	01-Jul-15	15-Jul-16
	Submittals and Fabrication	60	15-Jul-16	06-Oct-16
	MPT, Demolition, Excavation, Piling	19	08-Sep-16	10-Oct-16
	Culvert	11	10-Oct-16	26-Oct-16
	Roadway	6	26-Oct-16	03-Nov-16
	Substanatial Completion	0	31-Oct-16	31-Oct-16
	Final Completion Items	16	03-Nov-16	30-Nov-16
	Bridge 17873 - SR 1001	347	01-Apr-15	09-Aug-16
	ROW / Permits / Utilties	281	01-Apr-15	05-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	21	14-Apr-16	13-May-16
	Substructure	22	13-May-16	17-Jun-16
	Superstructure	19	17-Jun-16	15-Jul-16
	Roadway	9	01-Jul-16	15-Jul-16
	Substanatial Completion	0	16-Jul-16	16-Jul-16
	Final Completion Items	16	15-Jul-16	09-Aug-16
	Bridge 18576 - US 22	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 18601 - PA 26	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 18603 - PA 26	551	01-Sep-15	27-Oct-17
	ROW / Permits / Utilties	417	01-Sep-15	19-Apr-17
	Design, Bid, and Award	365	01-Sep-15	24-Jan-17
	Submittals and Fabrication	60	24-Jan-17	17-Apr-17
	MPT, Demolition, Excavation, Piling	85	20-Mar-17	28-Jul-17
	Substructure	80	01-May-17	30-Aug-17
	Superstructure	84	05-Jun-17	03-Oct-17
	Roadway	71	22-Jun-17	03-Oct-17
	Substanatial Completion	0	03-Oct-17	03-Oct-17
	Final Completion Items	16	03-Oct-17	27-Oct-17
	Bridge 18703 - PA 655	447	02-Feb-15	31-Oct-16
	ROW / Permits / Utilties	313	02-Feb-15	21-Apr-16
	Design, Bid, and Award	258	02-Feb-15	28-Jan-16
	Submittals and Fabrication	60	28-Jan-16	20-Apr-16
	MPT, Demolition, Excavation, Piling	85	23-Mar-16	01-Aug-16
	Substructure	80	03-May-16	01-Sep-16
	Superstructure	84	07-Jun-16	05-Oct-16
	Roadway	72	24-Jun-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	17	05-Oct-16	31-Oct-16
	Bridge 18742 - PA 913	428	02-Mar-15	01-Nov-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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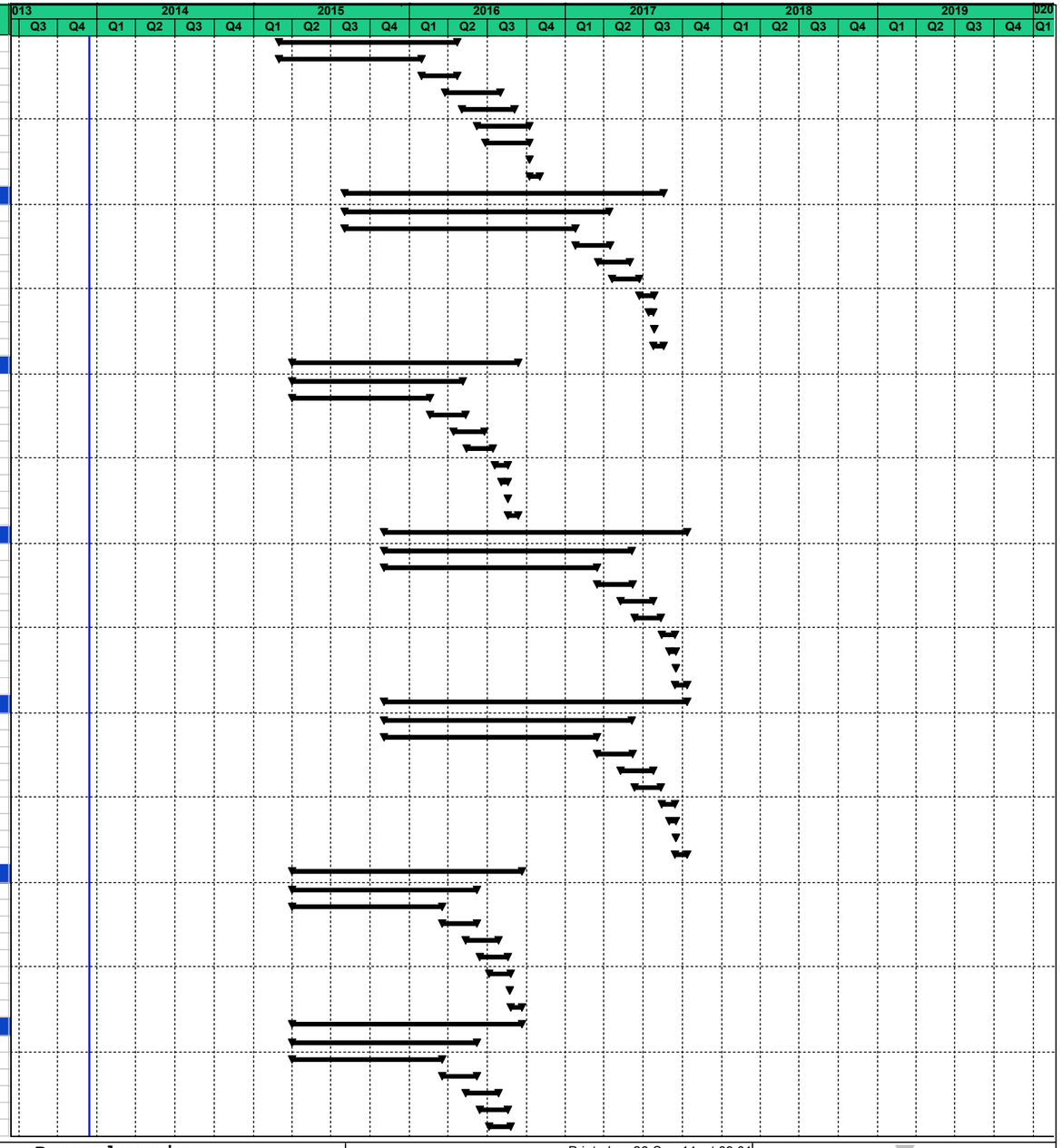
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 18773 - SR 1008		523	03-Aug-15	18-Aug-17
	ROW / Permits / Utilties	434	03-Aug-15	13-Apr-17
	Design, Bid, and Award	385	03-Aug-15	23-Jan-17
	Submittals and Fabrication	60	23-Jan-17	14-Apr-17
	MPT, Demolition, Excavation, Piling	48	17-Mar-17	01-Jun-17
	Substructure	41	20-Apr-17	22-Jun-17
	Superstructure	23	23-Jun-17	27-Jul-17
	Roadway	9	13-Jul-17	26-Jul-17
	Substanatial Completion	0	27-Jul-17	27-Jul-17
	Final Completion Items	16	26-Jul-17	18-Aug-17
Bridge 18784 - SR 1019		370	01-Apr-15	12-Sep-16
	ROW / Permits / Utilties	281	01-Apr-15	05-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	48	14-Apr-16	24-Jun-16
	Substructure	41	13-May-16	15-Jul-16
	Superstructure	23	18-Jul-16	18-Aug-16
	Roadway	10	04-Aug-16	18-Aug-16
	Substanatial Completion	0	19-Aug-16	19-Aug-16
	Final Completion Items	16	18-Aug-16	12-Sep-16
Bridge 18785 - SR 1019		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
Bridge 18881 - SR 4009		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
Bridge 45123		377	01-Apr-15	21-Sep-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	51	11-May-16	28-Jul-16
	Culvert	44	13-Jun-16	18-Aug-16
	Roadway	36	05-Jul-16	26-Aug-16
	Substanatial Completion	0	23-Aug-16	23-Aug-16
	Final Completion Items	16	26-Aug-16	21-Sep-16
Bridge 41517		377	01-Apr-15	21-Sep-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	51	11-May-16	28-Jul-16
	Culvert	44	13-Jun-16	18-Aug-16
	Roadway	36	05-Jul-16	26-Aug-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

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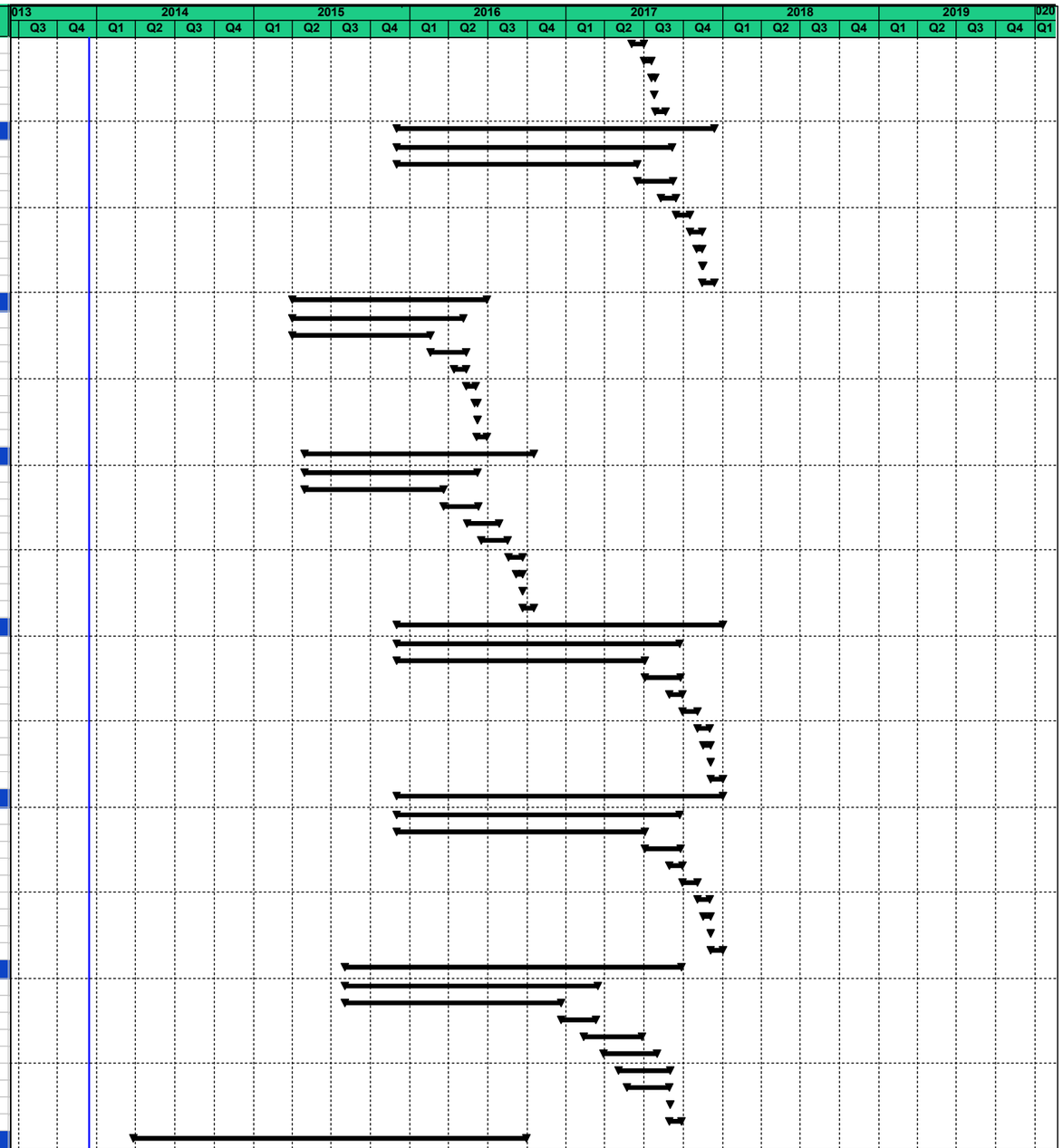
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	19	02-Jun-17	30-Jun-17
	Culvert	11	30-Jun-17	19-Jul-17
	Roadway	6	19-Jul-17	27-Jul-17
	Substanatial Completion	0	24-Jul-17	24-Jul-17
	Final Completion Items	16	27-Jul-17	21-Aug-17
Bridge 31588 - SR 2005		519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 31608 - SR 2013		319	01-Apr-15	29-Jun-16
	ROW / Permits / Utilties	281	01-Apr-15	05-May-16
	Design, Bid, and Award	231	01-Apr-15	18-Feb-16
	Submittals and Fabrication	60	18-Feb-16	11-May-16
	MPT, Demolition, Excavation, Piling	20	14-Apr-16	12-May-16
	Superstructure	15	11-May-16	03-Jun-16
	Roadway	4	31-May-16	06-Jun-16
	Substanatial Completion	0	07-Jun-16	07-Jun-16
	Final Completion Items	17	06-Jun-16	29-Jun-16
Bridge 31630 - SR 2018		373	01-May-15	17-Oct-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	48	13-May-16	27-Jul-16
	Substructure	41	16-Jun-16	16-Aug-16
	Superstructure	22	18-Aug-16	20-Sep-16
	Roadway	10	06-Sep-16	20-Sep-16
	Substanatial Completion	0	20-Sep-16	20-Sep-16
	Final Completion Items	16	20-Sep-16	17-Oct-16
Bridge 31651 - SR 2026		532	01-Dec-15	02-Jan-18
	ROW / Permits / Utilties	463	01-Dec-15	22-Sep-17
	Design, Bid, and Award	415	01-Dec-15	04-Jul-17
	Submittals and Fabrication	60	04-Jul-17	25-Sep-17
	MPT, Demolition, Excavation, Piling	21	28-Aug-17	29-Sep-17
	Substructure	22	29-Sep-17	02-Nov-17
	Superstructure	20	02-Nov-17	01-Dec-17
	Roadway	10	17-Nov-17	04-Dec-17
	Substanatial Completion	0	04-Dec-17	04-Dec-17
	Final Completion Items	16	04-Dec-17	02-Jan-18
Bridge 31758 - SR 4019		532	01-Dec-15	02-Jan-18
	ROW / Permits / Utilties	463	01-Dec-15	22-Sep-17
	Design, Bid, and Award	415	01-Dec-15	04-Jul-17
	Submittals and Fabrication	60	04-Jul-17	25-Sep-17
	MPT, Demolition, Excavation, Piling	21	28-Aug-17	29-Sep-17
	Substructure	22	29-Sep-17	02-Nov-17
	Superstructure	20	02-Nov-17	01-Dec-17
	Roadway	10	17-Nov-17	04-Dec-17
	Substanatial Completion	0	04-Dec-17	04-Dec-17
	Final Completion Items	16	04-Dec-17	02-Jan-18
Bridge 2992 - SR 0066		549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 3097 - SR 0839		642	26-Mar-14	29-Sep-16



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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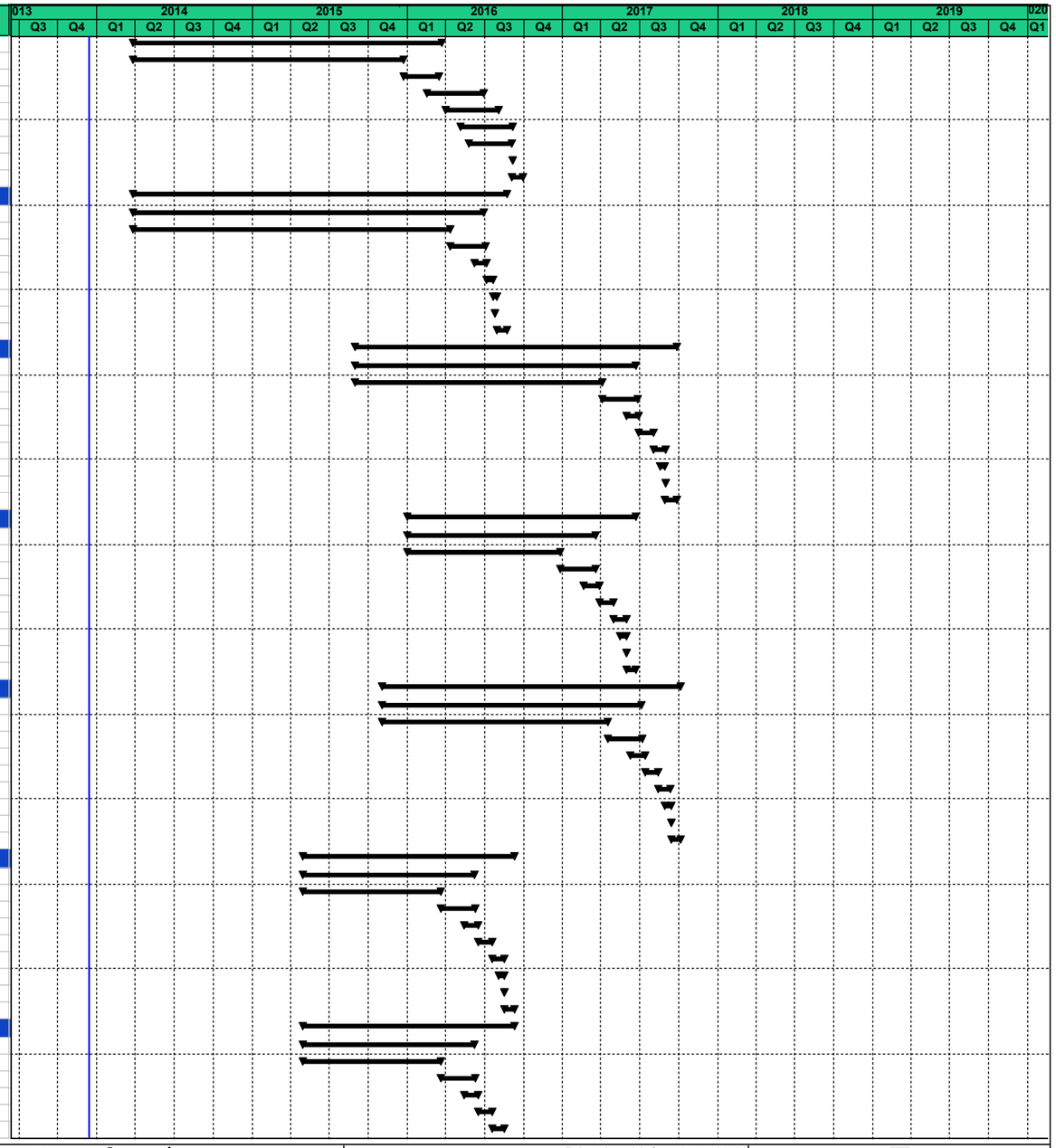
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
Bridge 3160 - SR 1039		616	26-Mar-14	23-Aug-16
	ROW / Permits / Utilties	578	26-Mar-14	29-Jun-16
	Design, Bid, and Award	534	26-Mar-14	12-Apr-16
	Submittals and Fabrication	60	12-Apr-16	04-Jul-16
	MPT, Demolition, Excavation, Piling	19	06-Jun-16	05-Jul-16
	Culvert	11	05-Jul-16	21-Jul-16
	Roadway	6	21-Jul-16	29-Jul-16
	Substanatial Completion	0	26-Jul-16	26-Jul-16
	Final Completion Items	16	29-Jul-16	23-Aug-16
Bridge 3169 - SR 2001		528	01-Sep-15	26-Sep-17
	ROW / Permits / Utilties	462	01-Sep-15	22-Jun-17
	Design, Bid, and Award	416	01-Sep-15	05-Apr-17
	Submittals and Fabrication	60	05-Apr-17	27-Jun-17
	MPT, Demolition, Excavation, Piling	21	30-May-17	29-Jun-17
	Substructure	22	29-Jun-17	02-Aug-17
	Superstructure	21	02-Aug-17	31-Aug-17
	Roadway	9	17-Aug-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 3176 - SR 2005		378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
Bridge 3232 - SR 2047		493	02-Nov-15	06-Oct-17
	ROW / Permits / Utilties	428	02-Nov-15	06-Jul-17
	Design, Bid, and Award	380	02-Nov-15	17-Apr-17
	Submittals and Fabrication	60	17-Apr-17	07-Jul-17
	MPT, Demolition, Excavation, Piling	21	09-Jun-17	13-Jul-17
	Substructure	22	13-Jul-17	14-Aug-17
	Superstructure	20	14-Aug-17	12-Sep-17
	Roadway	10	29-Aug-17	13-Sep-17
	Substanatial Completion	0	13-Sep-17	13-Sep-17
	Final Completion Items	17	13-Sep-17	06-Oct-17
Bridge 3245 - SR 2057		347	01-May-15	09-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	21	13-May-16	16-Jun-16
	Substructure	22	16-Jun-16	19-Jul-16
	Superstructure	21	19-Jul-16	17-Aug-16
	Roadway	9	03-Aug-16	16-Aug-16
	Substanatial Completion	0	17-Aug-16	17-Aug-16
	Final Completion Items	16	16-Aug-16	09-Sep-16
Bridge 3278 - SR 3009		347	01-May-15	09-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	21	13-May-16	16-Jun-16
	Substructure	22	16-Jun-16	19-Jul-16
	Superstructure	21	19-Jul-16	17-Aug-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

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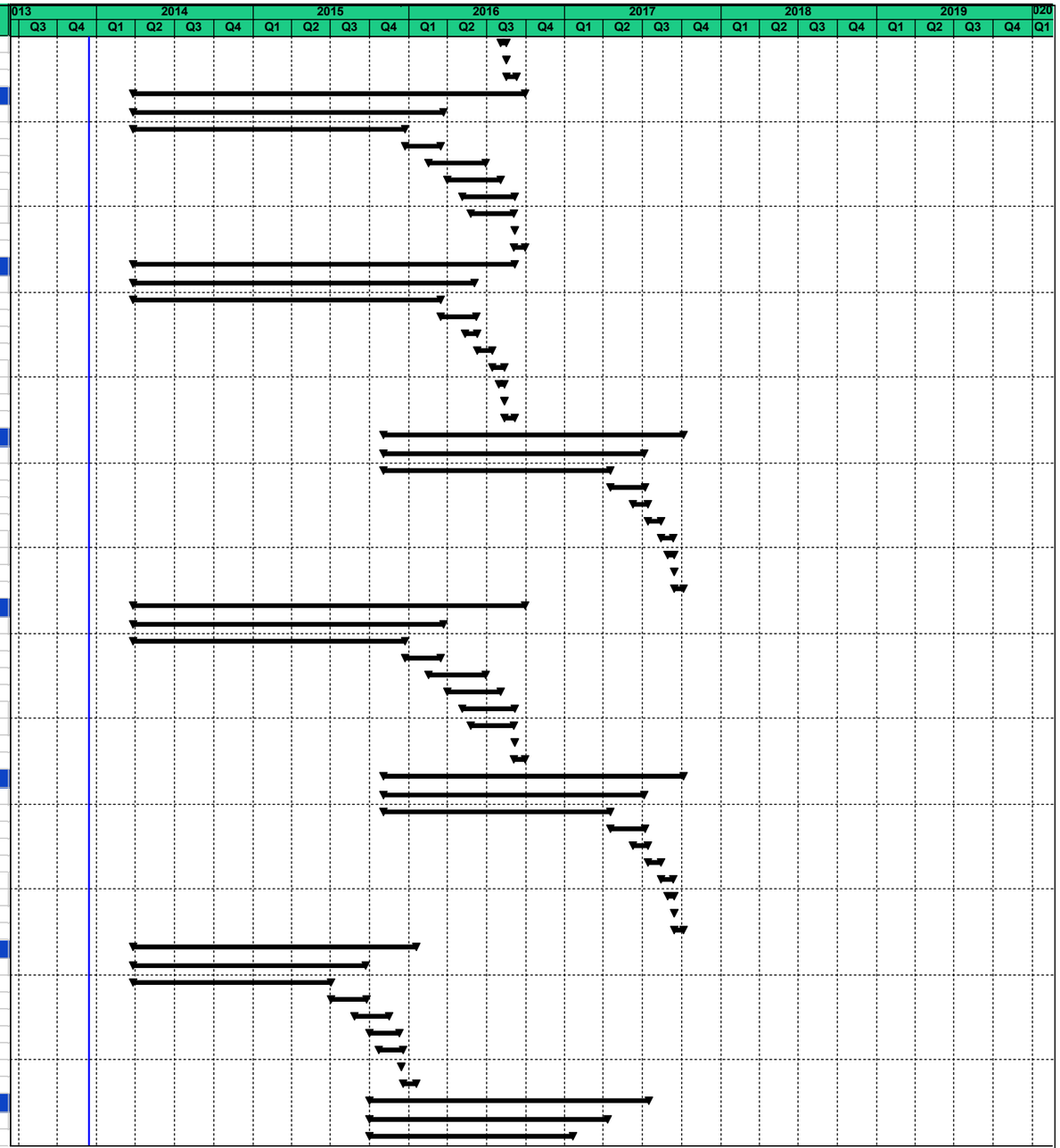
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	9	03-Aug-16	16-Aug-16
	Substanatial Completion	0	17-Aug-16	17-Aug-16
	Final Completion Items	16	16-Aug-16	09-Sep-16
	Bridge 3282 - SR 3013	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 3293 - SR 3017	625	26-Mar-14	06-Sep-16
	ROW / Permits / Utilties	560	26-Mar-14	03-Jun-16
	Design, Bid, and Award	515	26-Mar-14	16-Mar-16
	Submittals and Fabrication	60	16-Mar-16	07-Jun-16
	MPT, Demolition, Excavation, Piling	21	11-May-16	10-Jun-16
	Substructure	22	10-Jun-16	14-Jul-16
	Superstructure	21	14-Jul-16	12-Aug-16
	Roadway	9	29-Jul-16	11-Aug-16
	Substanatial Completion	0	13-Aug-16	13-Aug-16
	Final Completion Items	16	11-Aug-16	06-Sep-16
	Bridge 3294 - SR 3017	493	02-Nov-15	06-Oct-17
	ROW / Permits / Utilties	428	02-Nov-15	06-Jul-17
	Design, Bid, and Award	380	02-Nov-15	17-Apr-17
	Submittals and Fabrication	60	17-Apr-17	07-Jul-17
	MPT, Demolition, Excavation, Piling	21	09-Jun-17	13-Jul-17
	Substructure	22	13-Jul-17	14-Aug-17
	Superstructure	20	14-Aug-17	12-Sep-17
	Roadway	10	29-Aug-17	13-Sep-17
	Substanatial Completion	0	13-Sep-17	13-Sep-17
	Final Completion Items	17	13-Sep-17	06-Oct-17
	Bridge 7834 - SR 0068	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 7925 - SR 0308	493	02-Nov-15	06-Oct-17
	ROW / Permits / Utilties	428	02-Nov-15	06-Jul-17
	Design, Bid, and Award	380	02-Nov-15	17-Apr-17
	Submittals and Fabrication	60	17-Apr-17	07-Jul-17
	MPT, Demolition, Excavation, Piling	21	09-Jun-17	13-Jul-17
	Substructure	22	13-Jul-17	14-Aug-17
	Superstructure	20	14-Aug-17	12-Sep-17
	Roadway	10	29-Aug-17	13-Sep-17
	Substanatial Completion	0	13-Sep-17	13-Sep-17
	Final Completion Items	17	13-Sep-17	06-Oct-17
	Bridge 7935 - SR 0356	462	26-Mar-14	18-Jan-16
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	51	27-Aug-15	16-Nov-15
	Culvert	44	30-Sep-15	09-Dec-15
	Roadway	36	22-Oct-15	18-Dec-15
	Substanatial Completion	0	14-Dec-15	14-Dec-15
	Final Completion Items	16	18-Dec-15	18-Jan-16
	Bridge 8016 - SR 1025	457	01-Oct-15	17-Jul-17
	ROW / Permits / Utilties	390	01-Oct-15	11-Apr-17
	Design, Bid, and Award	341	01-Oct-15	20-Jan-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
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Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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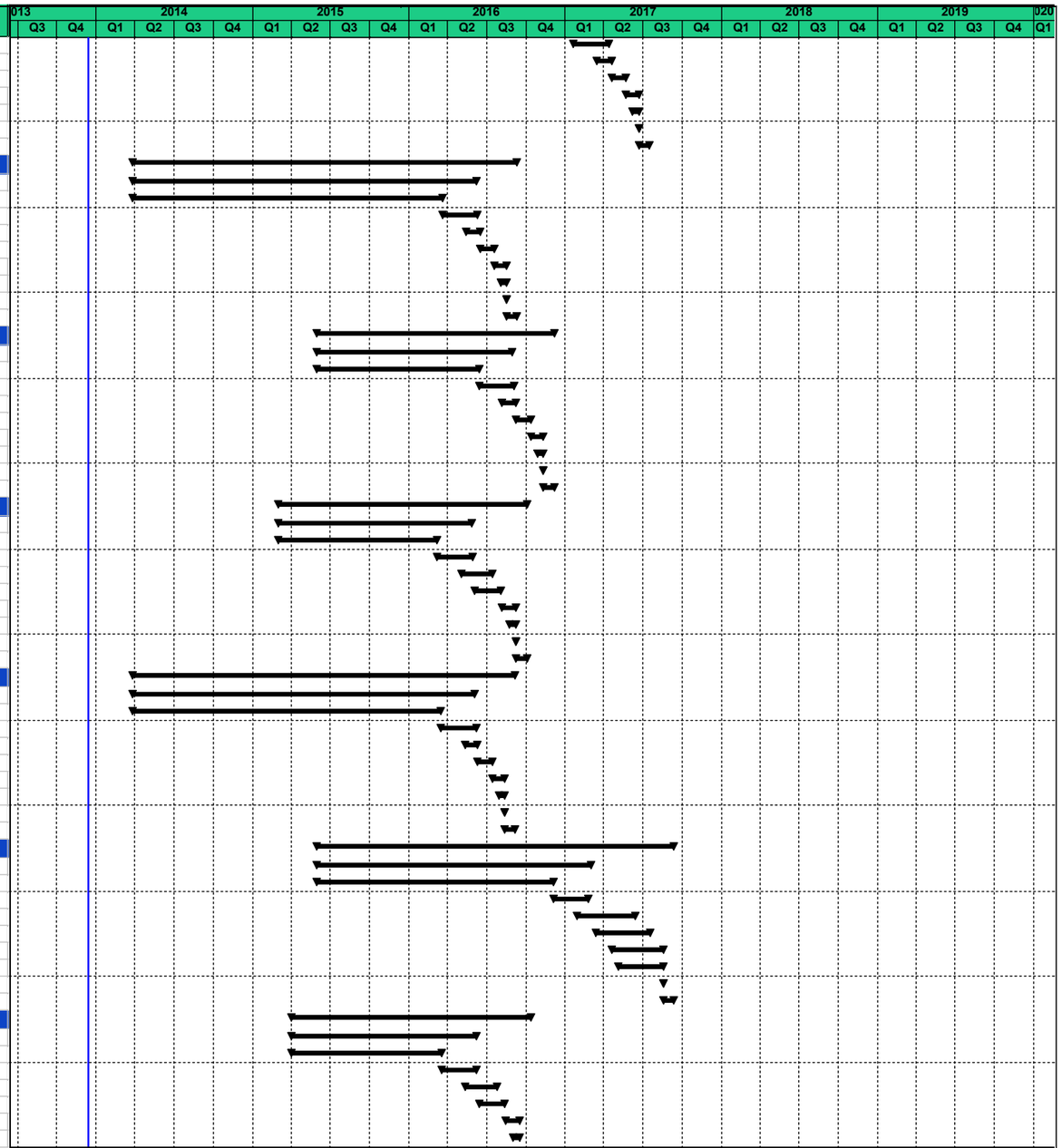
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	20-Jan-17	13-Apr-17
	MPT, Demolition, Excavation, Piling	21	16-Mar-17	19-Apr-17
	Substructure	22	19-Apr-17	23-May-17
	Superstructure	20	23-May-17	21-Jun-17
	Roadway	10	07-Jun-17	21-Jun-17
	Substanatial Completion	0	21-Jun-17	21-Jun-17
	Final Completion Items	16	21-Jun-17	17-Jul-17
Bridge 8025 - SR 2007		628	26-Mar-14	09-Sep-16
	ROW / Permits / Utilties	563	26-Mar-14	08-Jun-16
	Design, Bid, and Award	518	26-Mar-14	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	21	13-May-16	16-Jun-16
	Substructure	22	16-Jun-16	19-Jul-16
	Superstructure	21	19-Jul-16	17-Aug-16
	Roadway	9	03-Aug-16	16-Aug-16
	Substanatial Completion	0	17-Aug-16	17-Aug-16
	Final Completion Items	16	16-Aug-16	09-Sep-16
Bridge 8061 - SR 3004		388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
Bridge 8071 - SR 3010		407	02-Mar-15	03-Oct-16
	ROW / Permits / Utilties	318	02-Mar-15	26-May-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	48	02-May-16	14-Jul-16
	Substructure	41	03-Jun-16	04-Aug-16
	Superstructure	22	05-Aug-16	07-Sep-16
	Roadway	9	24-Aug-16	07-Sep-16
	Substanatial Completion	0	07-Sep-16	07-Sep-16
	Final Completion Items	16	07-Sep-16	03-Oct-16
Bridge 8073 - SR 3012		625	26-Mar-14	06-Sep-16
	ROW / Permits / Utilties	560	26-Mar-14	03-Jun-16
	Design, Bid, and Award	515	26-Mar-14	16-Mar-16
	Submittals and Fabrication	60	16-Mar-16	07-Jun-16
	MPT, Demolition, Excavation, Piling	21	11-May-16	10-Jun-16
	Substructure	22	10-Jun-16	14-Jul-16
	Superstructure	21	14-Jul-16	12-Aug-16
	Roadway	9	29-Jul-16	11-Aug-16
	Substanatial Completion	0	13-Aug-16	13-Aug-16
	Final Completion Items	16	11-Aug-16	06-Sep-16
Bridge 8104 - SR 3027		582	01-Jun-15	11-Sep-17
	ROW / Permits / Utilties	447	01-Jun-15	01-Mar-17
	Design, Bid, and Award	395	01-Jun-15	05-Dec-16
	Submittals and Fabrication	60	05-Dec-16	24-Feb-17
	MPT, Demolition, Excavation, Piling	85	27-Jan-17	13-Jun-17
	Substructure	80	14-Mar-17	18-Jul-17
	Superstructure	84	19-Apr-17	17-Aug-17
	Roadway	72	05-May-17	17-Aug-17
	Substanatial Completion	0	17-Aug-17	17-Aug-17
	Final Completion Items	16	17-Aug-17	11-Sep-17
Bridge 8113 - SR 4002		393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16



Remaining Level of Effort
Actual Level of Effort
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Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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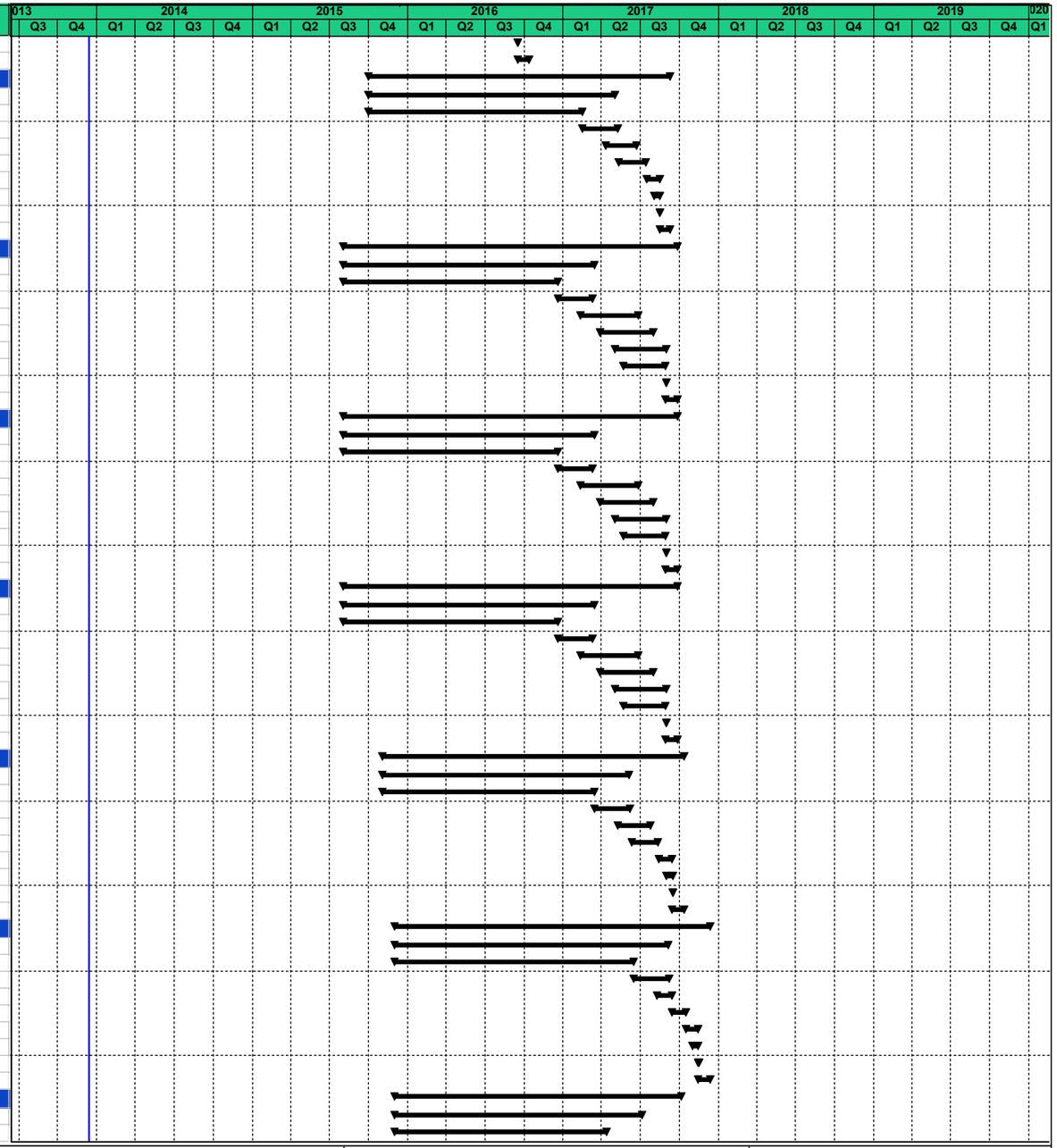
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
	Bridge 8334 - SR 8005	495	01-Oct-15	08-Sep-17
	ROW / Permits / Utilties	406	01-Oct-15	03-May-17
	Design, Bid, and Award	358	01-Oct-15	14-Feb-17
	Submittals and Fabrication	60	14-Feb-17	08-May-17
	MPT, Demolition, Excavation, Piling	48	10-Apr-17	22-Jun-17
	Substructure	41	11-May-17	14-Jul-17
	Superstructure	22	17-Jul-17	16-Aug-17
	Roadway	9	02-Aug-17	15-Aug-17
	Substanatial Completion	0	16-Aug-17	16-Aug-17
	Final Completion Items	16	15-Aug-17	08-Sep-17
	Bridge 10975 - SR 0322	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 10997 - SR 0861	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 10996 - SR 0861	549	03-Aug-15	26-Sep-17
	ROW / Permits / Utilties	414	03-Aug-15	16-Mar-17
	Design, Bid, and Award	360	03-Aug-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 11042 - SR 2009	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 11049 - SR 2009	519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 11088 - SR 4015	472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17



Remaining Level of Effort
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Pennsylvania

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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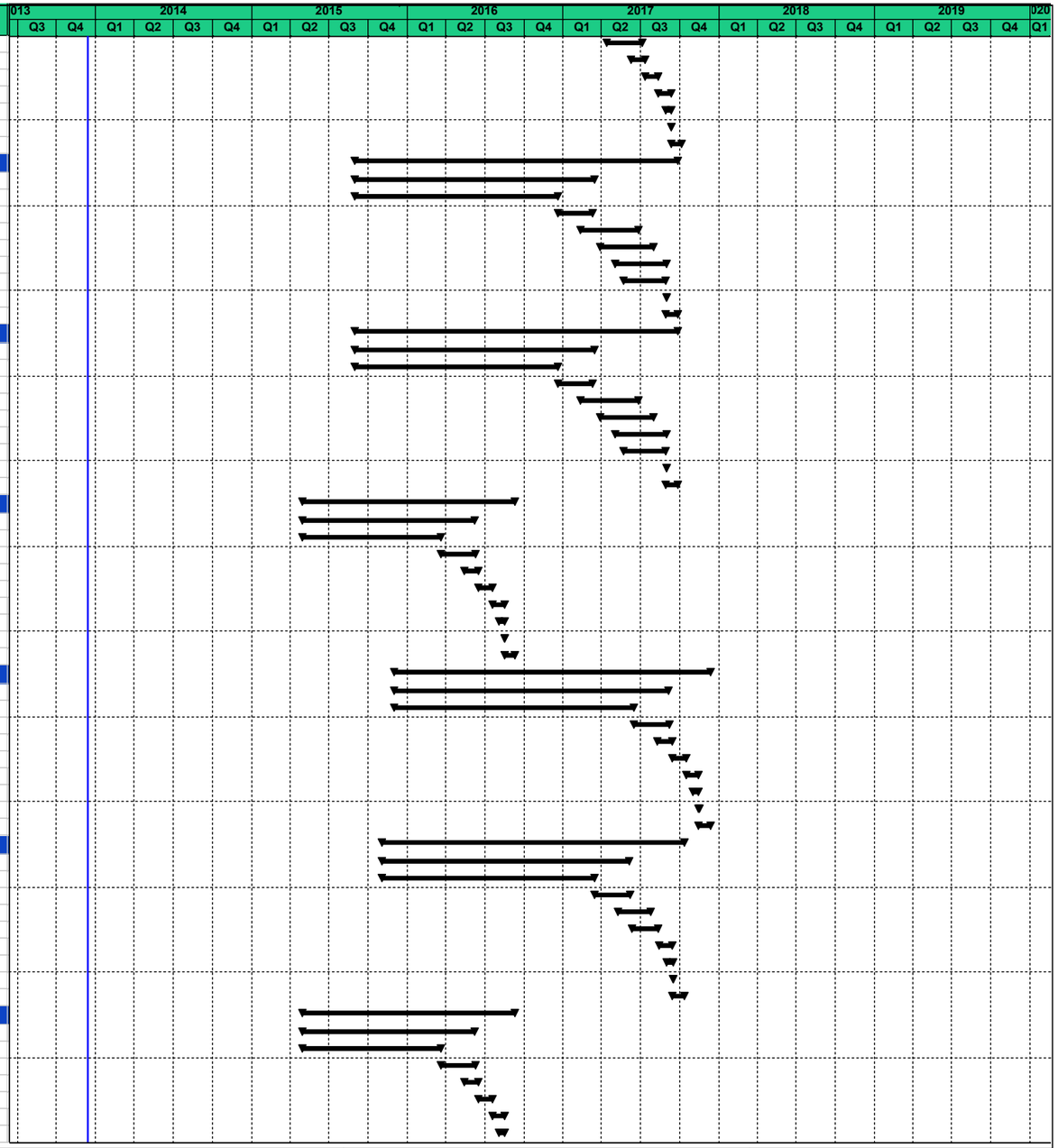
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
	Bridge 19087 - SR 0286	528	01-Sep-15	26-Sep-17
	ROW / Permits / Utilties	393	01-Sep-15	16-Mar-17
	Design, Bid, and Award	339	01-Sep-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 19183 - SR 0553	528	01-Sep-15	26-Sep-17
	ROW / Permits / Utilties	393	01-Sep-15	16-Mar-17
	Design, Bid, and Award	339	01-Sep-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 19200 - SR 0954	347	01-May-15	09-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	21	13-May-16	16-Jun-16
	Substructure	22	16-Jun-16	19-Jul-16
	Superstructure	21	19-Jul-16	17-Aug-16
	Roadway	9	03-Aug-16	16-Aug-16
	Substanatial Completion	0	17-Aug-16	17-Aug-16
	Final Completion Items	16	16-Aug-16	09-Sep-16
	Bridge 19320 - SR 3007	519	01-Dec-15	12-Dec-17
	ROW / Permits / Utilties	450	01-Dec-15	05-Sep-17
	Design, Bid, and Award	403	01-Dec-15	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 19392 - SR 4010	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 19550 - SR 0036	347	01-May-15	09-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	21	13-May-16	16-Jun-16
	Substructure	22	16-Jun-16	19-Jul-16
	Superstructure	21	19-Jul-16	17-Aug-16
	Roadway	9	03-Aug-16	16-Aug-16



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Master Schedule - Proposal - Bridge Sum

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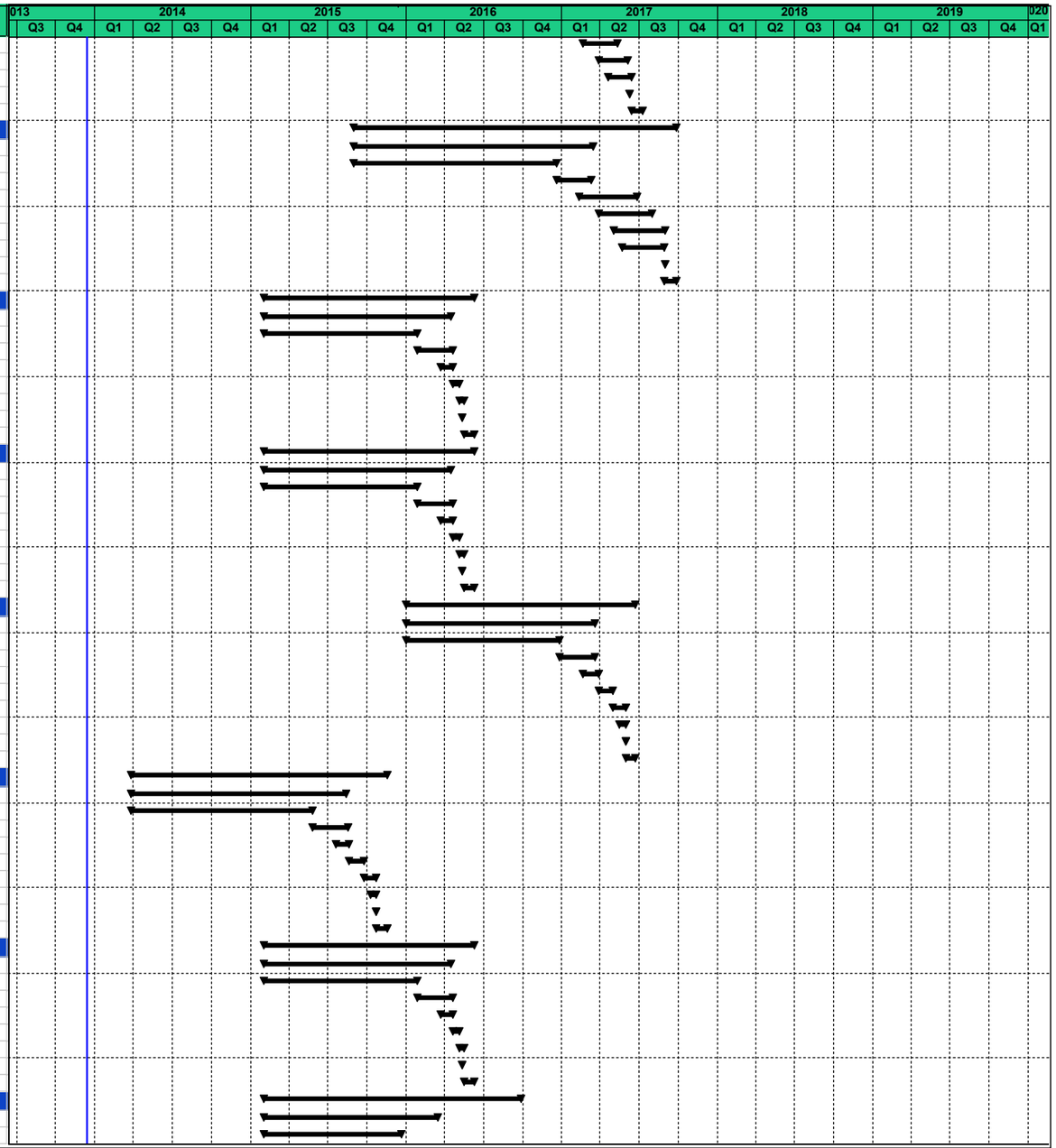
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	51	20-Feb-17	12-May-17
	Culvert	44	28-Mar-17	05-Jun-17
	Roadway	36	19-Apr-17	13-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	13-Jun-17	10-Jul-17
	Bridge 709 - SR 0051	528	01-Sep-15	26-Sep-17
	ROW / Permits / Utilties	393	01-Sep-15	16-Mar-17
	Design, Bid, and Award	339	01-Sep-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 954 - Monongahela Road	347	02-Feb-15	09-Jun-16
	ROW / Permits / Utilties	309	02-Feb-15	15-Apr-16
	Design, Bid, and Award	257	02-Feb-15	27-Jan-16
	Submittals and Fabrication	60	27-Jan-16	19-Apr-16
	MPT, Demolition, Excavation, Piling	19	22-Mar-16	20-Apr-16
	Culvert	11	20-Apr-16	05-May-16
	Roadway	6	05-May-16	16-May-16
	Substanatial Completion	0	11-May-16	11-May-16
	Final Completion Items	16	16-May-16	09-Jun-16
	Bridge 961 - West Newton Road	347	02-Feb-15	09-Jun-16
	ROW / Permits / Utilties	309	02-Feb-15	15-Apr-16
	Design, Bid, and Award	257	02-Feb-15	27-Jan-16
	Submittals and Fabrication	60	27-Jan-16	19-Apr-16
	MPT, Demolition, Excavation, Piling	19	22-Mar-16	20-Apr-16
	Culvert	11	20-Apr-16	05-May-16
	Roadway	6	05-May-16	16-May-16
	Substanatial Completion	0	11-May-16	11-May-16
	Final Completion Items	16	16-May-16	09-Jun-16
	Bridge 1334 - Gibsonia Road	378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
	Bridge 1339 - Gibsonia Road	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 1346 - Millers Run Road	347	02-Feb-15	09-Jun-16
	ROW / Permits / Utilties	309	02-Feb-15	15-Apr-16
	Design, Bid, and Award	257	02-Feb-15	27-Jan-16
	Submittals and Fabrication	60	27-Jan-16	19-Apr-16
	MPT, Demolition, Excavation, Piling	19	22-Mar-16	20-Apr-16
	Culvert	11	20-Apr-16	05-May-16
	Roadway	6	05-May-16	16-May-16
	Substanatial Completion	0	11-May-16	11-May-16
	Final Completion Items	16	16-May-16	09-Jun-16
	Bridge 1365 - Freeport Road	422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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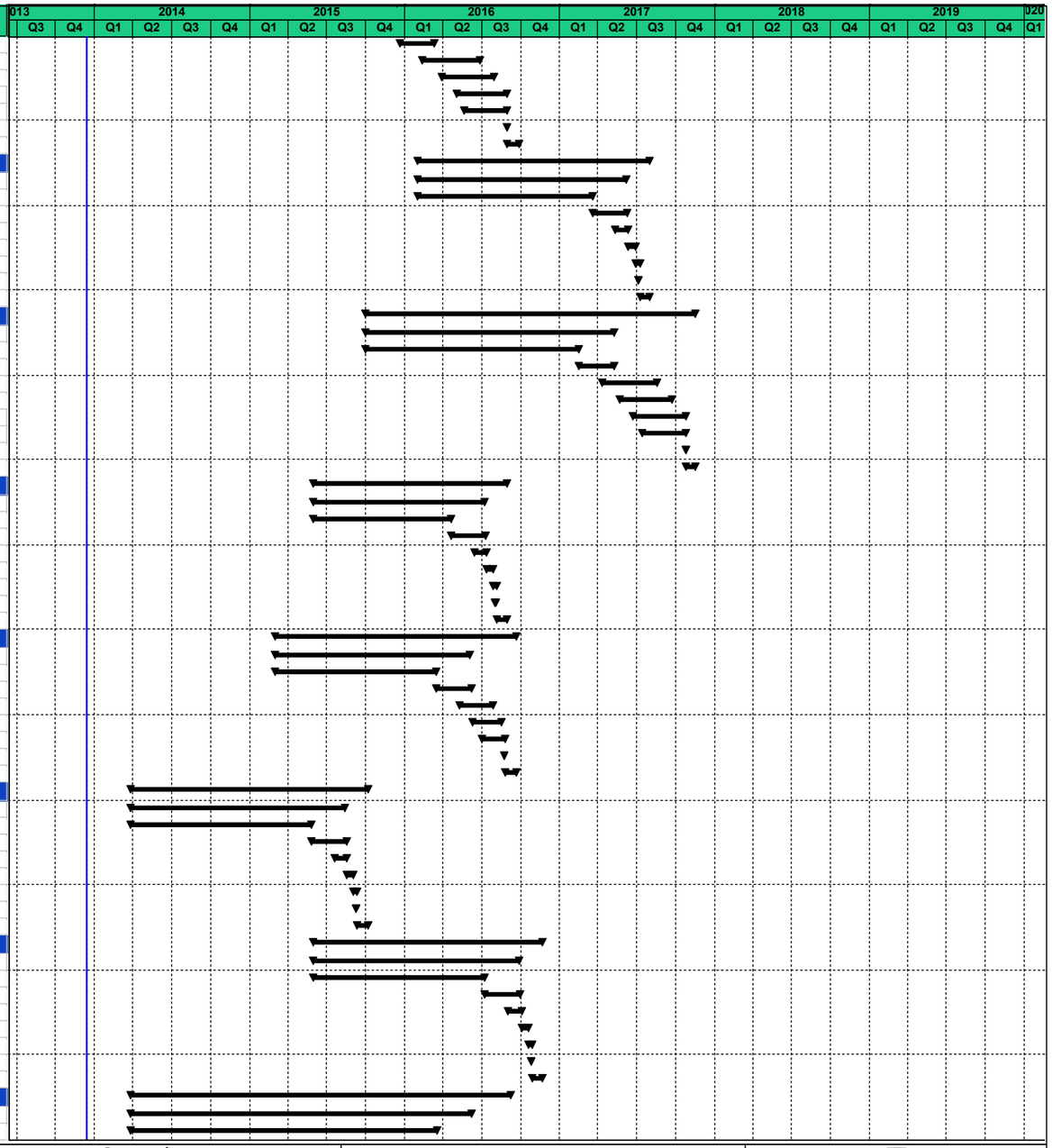
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 1372 - Freeport Road	384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
	Bridge 1373 - Freeport Road	545	01-Oct-15	17-Nov-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	358	01-Oct-15	14-Feb-17
	Submittals and Fabrication	60	14-Feb-17	08-May-17
	MPT, Demolition, Excavation, Piling	86	10-Apr-17	18-Aug-17
	Substructure	81	22-May-17	22-Sep-17
	Superstructure	86	23-Jun-17	25-Oct-17
	Roadway	73	13-Jul-17	25-Oct-17
	Substanatial Completion	0	25-Oct-17	25-Oct-17
	Final Completion Items	16	25-Oct-17	17-Nov-17
	Bridge 1390 - Saxonburg Blvd	320	01-Jun-15	30-Aug-16
	ROW / Permits / Utilties	282	01-Jun-15	07-Jul-16
	Design, Bid, and Award	231	01-Jun-15	19-Apr-16
	Submittals and Fabrication	60	19-Apr-16	11-Jul-16
	MPT, Demolition, Excavation, Piling	19	13-Jun-16	12-Jul-16
	Culvert	11	12-Jul-16	28-Jul-16
	Roadway	6	28-Jul-16	05-Aug-16
	Substanatial Completion	0	02-Aug-16	02-Aug-16
	Final Completion Items	16	05-Aug-16	30-Aug-16
	Bridge 1397 - Guys Run Road	397	03-Mar-15	20-Sep-16
	ROW / Permits / Utilties	322	03-Mar-15	03-Jun-16
	Design, Bid, and Award	270	03-Mar-15	15-Mar-16
	Submittals and Fabrication	60	15-Mar-16	06-Jun-16
	MPT, Demolition, Excavation, Piling	51	09-May-16	27-Jul-16
	Culvert	44	10-Jun-16	16-Aug-16
	Roadway	36	01-Jul-16	25-Aug-16
	Substanatial Completion	0	22-Aug-16	22-Aug-16
	Final Completion Items	16	25-Aug-16	20-Sep-16
	Bridge 1400 - Guys Run Road	393	26-Mar-14	08-Oct-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	19	21-Jul-15	18-Aug-15
	Culvert	11	18-Aug-15	02-Sep-15
	Roadway	6	02-Sep-15	11-Sep-15
	Substanatial Completion	0	08-Sep-15	08-Sep-15
	Final Completion Items	16	11-Sep-15	08-Oct-15
	Bridge 1404 - Church Lane	379	01-Jun-15	22-Nov-16
	ROW / Permits / Utilties	340	01-Jun-15	28-Sep-16
	Design, Bid, and Award	289	01-Jun-15	08-Jul-16
	Submittals and Fabrication	60	08-Jul-16	29-Sep-16
	MPT, Demolition, Excavation, Piling	19	01-Sep-16	03-Oct-16
	Culvert	11	03-Oct-16	20-Oct-16
	Roadway	6	20-Oct-16	28-Oct-16
	Substanatial Completion	0	25-Oct-16	25-Oct-16
	Final Completion Items	16	28-Oct-16	22-Nov-16
	Bridge 1405 - Saxonburg Blvd	626	26-Mar-14	07-Sep-16
	ROW / Permits / Utilties	561	26-Mar-14	06-Jun-16
	Design, Bid, and Award	516	26-Mar-14	17-Mar-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
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Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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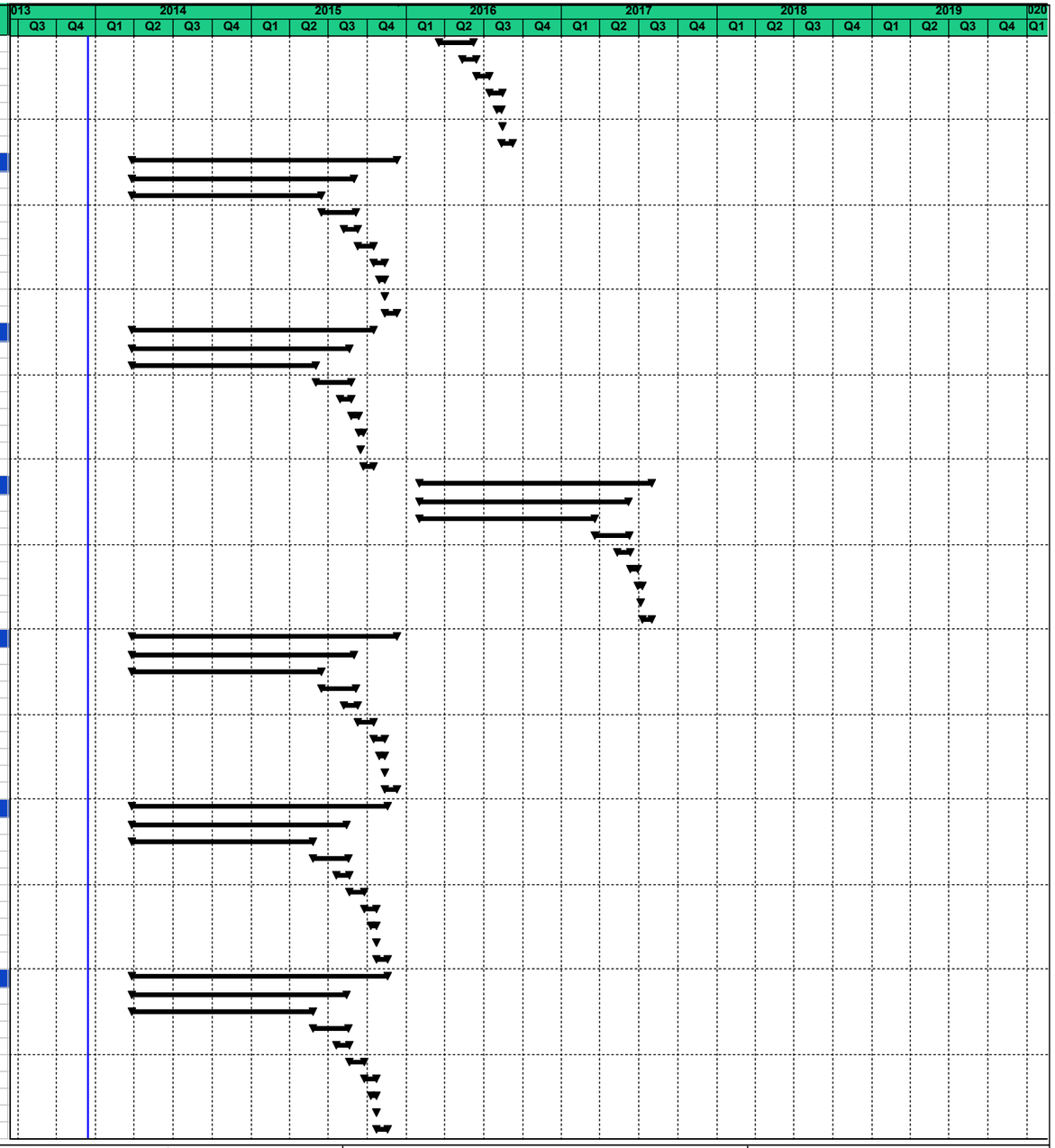
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	21	11-May-16	13-Jun-16
	Substructure	22	13-Jun-16	15-Jul-16
	Superstructure	21	15-Jul-16	15-Aug-16
	Roadway	9	01-Aug-16	12-Aug-16
	Substanatial Completion	0	15-Aug-16	15-Aug-16
	Final Completion Items	16	12-Aug-16	07-Sep-16
	Bridge 1406 - Saxonburg Blvd	436	26-Mar-14	09-Dec-15
	ROW / Permits / Utilties	367	26-Mar-14	01-Sep-15
	Design, Bid, and Award	318	26-Mar-14	15-Jun-15
	Submittals and Fabrication	60	15-Jun-15	04-Sep-15
	MPT, Demolition, Excavation, Piling	21	07-Aug-15	09-Sep-15
	Substructure	22	09-Sep-15	15-Oct-15
	Superstructure	20	15-Oct-15	12-Nov-15
	Roadway	10	29-Oct-15	12-Nov-15
	Substanatial Completion	0	12-Nov-15	12-Nov-15
	Final Completion Items	16	12-Nov-15	09-Dec-15
	Bridge 42177 - Saxonburg Blvd	399	26-Mar-14	16-Oct-15
	ROW / Permits / Utilties	359	26-Mar-14	20-Aug-15
	Design, Bid, and Award	310	26-Mar-14	03-Jun-15
	Submittals and Fabrication	60	03-Jun-15	25-Aug-15
	MPT, Demolition, Excavation, Piling	19	28-Jul-15	25-Aug-15
	Culvert	11	25-Aug-15	10-Sep-15
	Roadway	6	10-Sep-15	21-Sep-15
	Substanatial Completion	0	15-Sep-15	15-Sep-15
	Final Completion Items	16	21-Sep-15	16-Oct-15
	Bridge 1424 - Little Deer Creek Road	384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
	Bridge 1435 - Lafever Hill Road	436	26-Mar-14	09-Dec-15
	ROW / Permits / Utilties	367	26-Mar-14	01-Sep-15
	Design, Bid, and Award	318	26-Mar-14	15-Jun-15
	Submittals and Fabrication	60	15-Jun-15	04-Sep-15
	MPT, Demolition, Excavation, Piling	21	07-Aug-15	09-Sep-15
	Substructure	22	09-Sep-15	15-Oct-15
	Superstructure	20	15-Oct-15	12-Nov-15
	Roadway	10	29-Oct-15	12-Nov-15
	Substanatial Completion	0	12-Nov-15	12-Nov-15
	Final Completion Items	16	12-Nov-15	09-Dec-15
	Bridge 1455 - Bakerstown Road	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 1471 - Bull Creek Road	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15



Remaining Level of Effort
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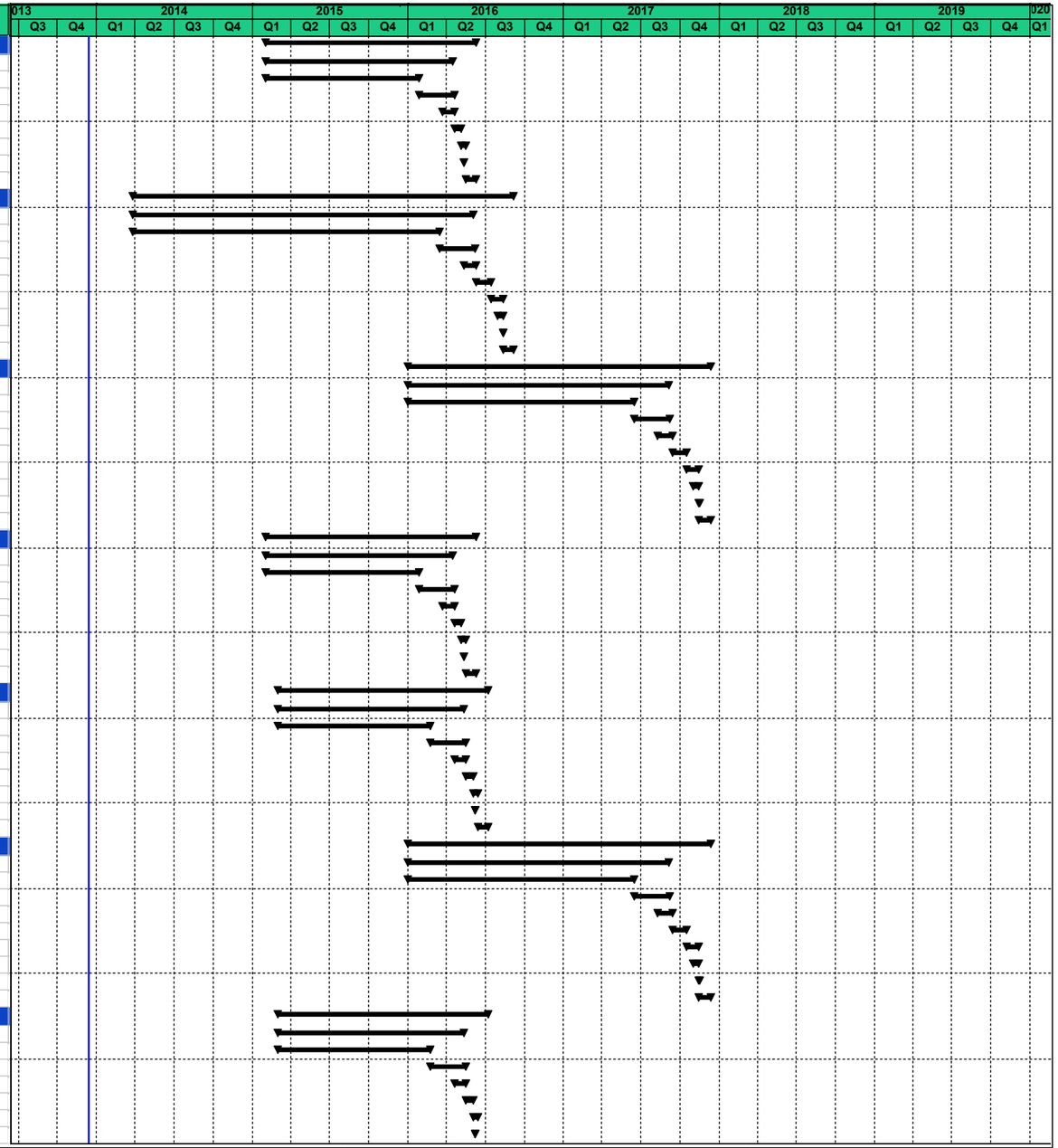
Activity ID	Activity Name	Original Duration	Start	Finish
Bridge 1479 - Monongahela Road		347	02-Feb-15	09-Jun-16
	ROW / Permits / Utilties	309	02-Feb-15	15-Apr-16
	Design, Bid, and Award	257	02-Feb-15	27-Jan-16
	Submittals and Fabrication	60	27-Jan-16	19-Apr-16
	MPT, Demolition, Excavation, Piling	19	22-Mar-16	20-Apr-16
	Culvert	11	20-Apr-16	05-May-16
	Roadway	6	05-May-16	16-May-16
	Substanatial Completion	0	11-May-16	11-May-16
	Final Completion Items	16	16-May-16	09-Jun-16
Bridge 1481 - Monongahela Road		625	26-Mar-14	06-Sep-16
	ROW / Permits / Utilties	560	26-Mar-14	03-Jun-16
	Design, Bid, and Award	515	26-Mar-14	16-Mar-16
	Submittals and Fabrication	60	16-Mar-16	07-Jun-16
	MPT, Demolition, Excavation, Piling	21	11-May-16	10-Jun-16
	Substructure	22	10-Jun-16	14-Jul-16
	Superstructure	21	14-Jul-16	12-Aug-16
	Roadway	9	29-Jul-16	11-Aug-16
	Substanatial Completion	0	13-Aug-16	13-Aug-16
	Final Completion Items	16	11-Aug-16	06-Sep-16
Bridge 1496 - Mill Hill Road		497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 1498 - Lovedale Road		347	02-Feb-15	09-Jun-16
	ROW / Permits / Utilties	309	02-Feb-15	15-Apr-16
	Design, Bid, and Award	257	02-Feb-15	27-Jan-16
	Submittals and Fabrication	60	27-Jan-16	19-Apr-16
	MPT, Demolition, Excavation, Piling	19	22-Mar-16	20-Apr-16
	Culvert	11	20-Apr-16	05-May-16
	Roadway	6	05-May-16	16-May-16
	Substanatial Completion	0	11-May-16	11-May-16
	Final Completion Items	16	16-May-16	09-Jun-16
Bridge 1519 - Industry Road		346	02-Mar-15	07-Jul-16
	ROW / Permits / Utilties	308	02-Mar-15	12-May-16
	Design, Bid, and Award	257	02-Mar-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
Bridge 1520 - Buena Vista Road		497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 1523 - West Smithfield Road		346	02-Mar-15	07-Jul-16
	ROW / Permits / Utilties	308	02-Mar-15	12-May-16
	Design, Bid, and Award	257	02-Mar-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16



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Pennsylvannia

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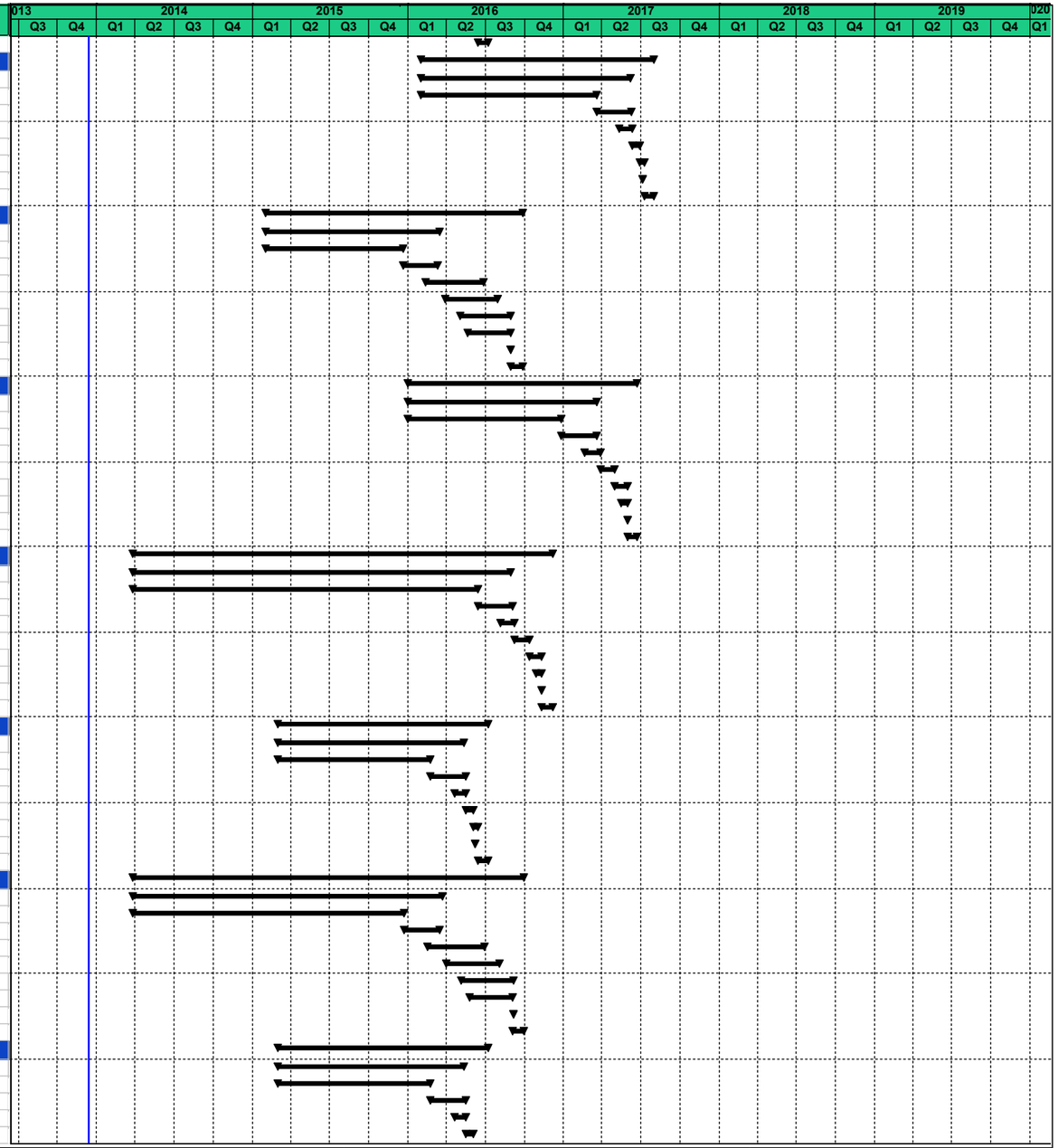
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	16	13-Jun-16	07-Jul-16
	Bridge 1527 - Stewartsville H Road	384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
	Bridge 1559 - Mckeesport Blvd	422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 1562 - Streets Run Road	378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
	Bridge 1567 - Streets Run Road	689	26-Mar-14	06-Dec-16
	ROW / Permits / Utilties	621	26-Mar-14	30-Aug-16
	Design, Bid, and Award	578	26-Mar-14	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 1568 - Streets Run Road	346	02-Mar-15	07-Jul-16
	ROW / Permits / Utilties	308	02-Mar-15	12-May-16
	Design, Bid, and Award	257	02-Mar-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
	Bridge 1600 - Thompson Run Road	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 1620 - New Texas Road	346	02-Mar-15	07-Jul-16
	ROW / Permits / Utilties	308	02-Mar-15	12-May-16
	Design, Bid, and Award	257	02-Mar-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16



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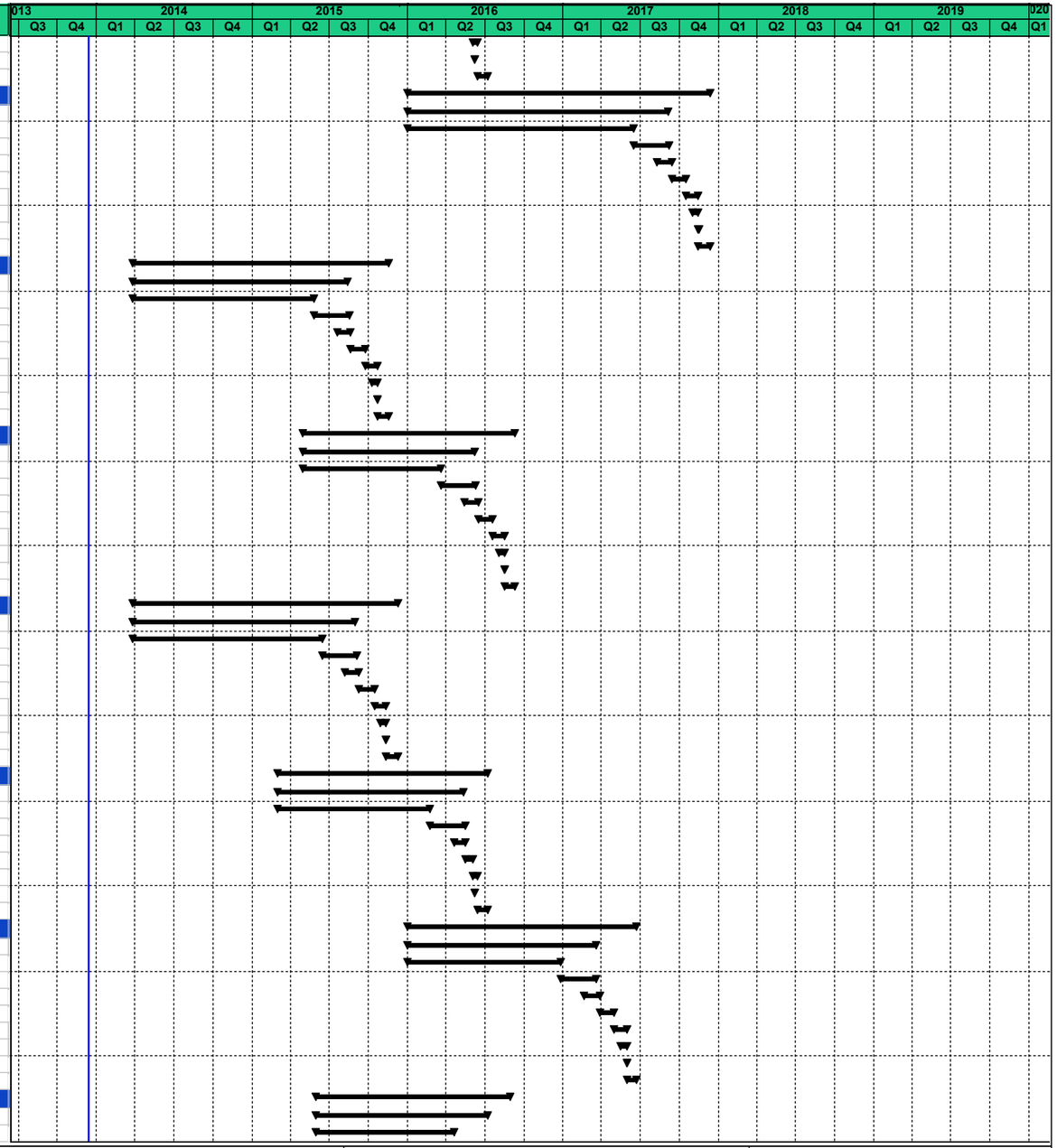
Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
	Bridge 1626 - Logan Ferry Road	497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 1671 - Center Street	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 1704 - Morrow Road	347	01-May-15	09-Sep-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	21	13-May-16	16-Jun-16
	Substructure	22	16-Jun-16	19-Jul-16
	Superstructure	21	19-Jul-16	17-Aug-16
	Roadway	9	03-Aug-16	16-Aug-16
	Substanatial Completion	0	17-Aug-16	17-Aug-16
	Final Completion Items	16	16-Aug-16	09-Sep-16
	Bridge 1715 - Piney Fork Road	436	26-Mar-14	09-Dec-15
	ROW / Permits / Utilties	367	26-Mar-14	01-Sep-15
	Design, Bid, and Award	318	26-Mar-14	15-Jun-15
	Submittals and Fabrication	60	15-Jun-15	04-Sep-15
	MPT, Demolition, Excavation, Piling	21	07-Aug-15	09-Sep-15
	Substructure	22	09-Sep-15	15-Oct-15
	Superstructure	20	15-Oct-15	12-Nov-15
	Roadway	10	29-Oct-15	12-Nov-15
	Substanatial Completion	0	12-Nov-15	12-Nov-15
	Final Completion Items	16	12-Nov-15	09-Dec-15
	Bridge 1727 - Scheinback Road	346	02-Mar-15	07-Jul-16
	ROW / Permits / Utilties	308	02-Mar-15	12-May-16
	Design, Bid, and Award	257	02-Mar-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
	Bridge 1733 - Walton Road	378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
	Bridge 1776 - Noblestown Road	320	01-Jun-15	30-Aug-16
	ROW / Permits / Utilties	282	01-Jun-15	07-Jul-16
	Design, Bid, and Award	231	01-Jun-15	19-Apr-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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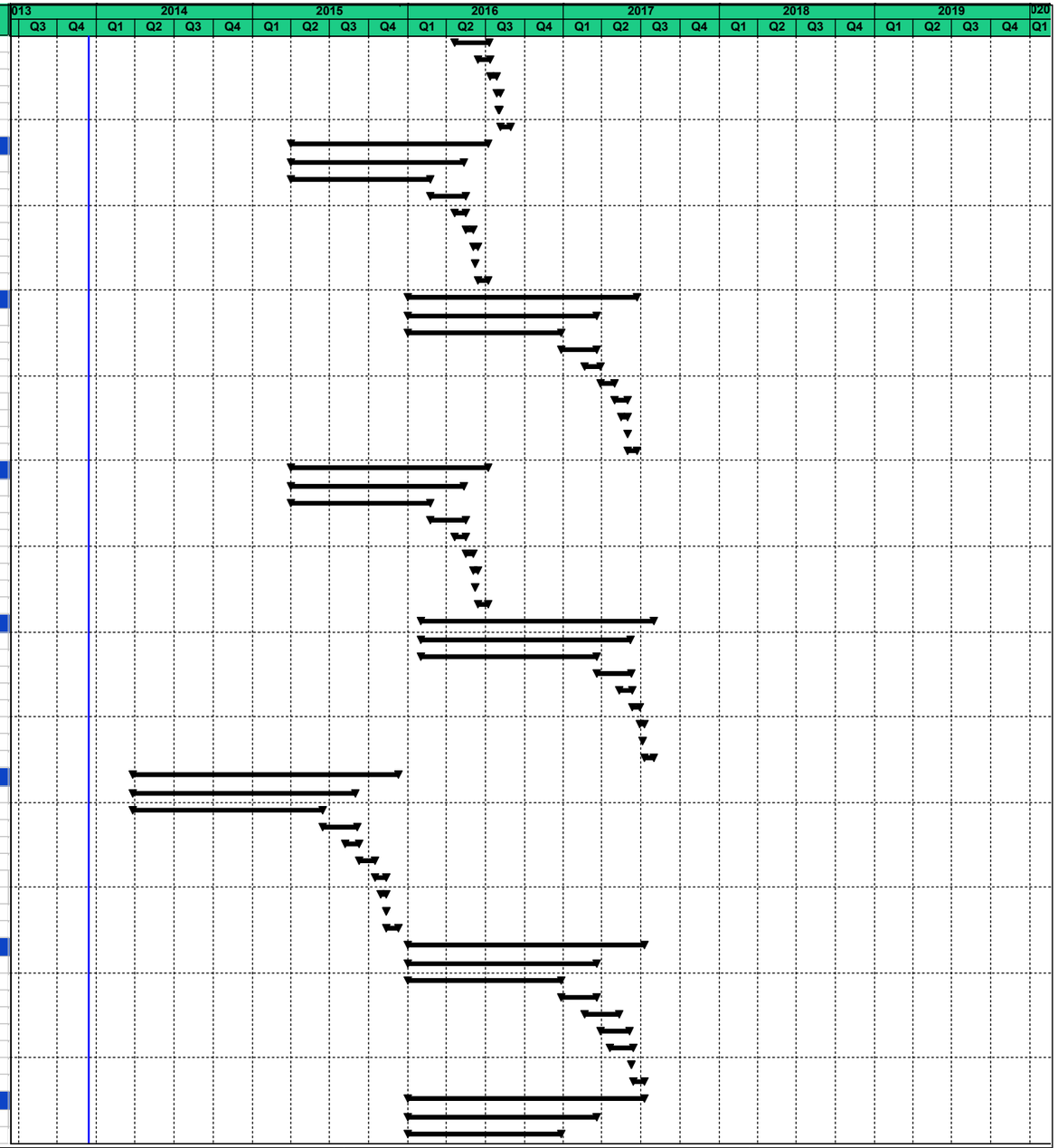
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	19-Apr-16	11-Jul-16
	MPT, Demolition, Excavation, Piling	19	13-Jun-16	12-Jul-16
	Culvert	11	12-Jul-16	28-Jul-16
	Roadway	6	28-Jul-16	05-Aug-16
	Substanatial Completion	0	02-Aug-16	02-Aug-16
	Final Completion Items	16	05-Aug-16	30-Aug-16
Bridge 1859 - Glass Run Road		324	01-Apr-15	07-Jul-16
	ROW / Permits / Utilties	286	01-Apr-15	12-May-16
	Design, Bid, and Award	235	01-Apr-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
Bridge 1860 - Glass Run Road		378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
Bridge 1881 - North Branch Road		324	01-Apr-15	07-Jul-16
	ROW / Permits / Utilties	286	01-Apr-15	12-May-16
	Design, Bid, and Award	235	01-Apr-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
Bridge 1882 - North Branch Road		384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
Bridge 1950 - Pine Creek Road		436	26-Mar-14	09-Dec-15
	ROW / Permits / Utilties	367	26-Mar-14	01-Sep-15
	Design, Bid, and Award	318	26-Mar-14	15-Jun-15
	Submittals and Fabrication	60	15-Jun-15	04-Sep-15
	MPT, Demolition, Excavation, Piling	21	07-Aug-15	09-Sep-15
	Substructure	22	09-Sep-15	15-Oct-15
	Superstructure	20	15-Oct-15	12-Nov-15
	Roadway	10	29-Oct-15	12-Nov-15
	Substanatial Completion	0	12-Nov-15	12-Nov-15
	Final Completion Items	16	12-Nov-15	09-Dec-15
Bridge 1974 - Fern Hollow Road		388	01-Jan-16	10-Jul-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	51	20-Feb-17	12-May-17
	Culvert	44	28-Mar-17	05-Jun-17
	Roadway	36	19-Apr-17	13-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	13-Jun-17	10-Jul-17
Bridge 1976 - Big Sewickley Creek Road		388	01-Jan-16	10-Jul-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
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Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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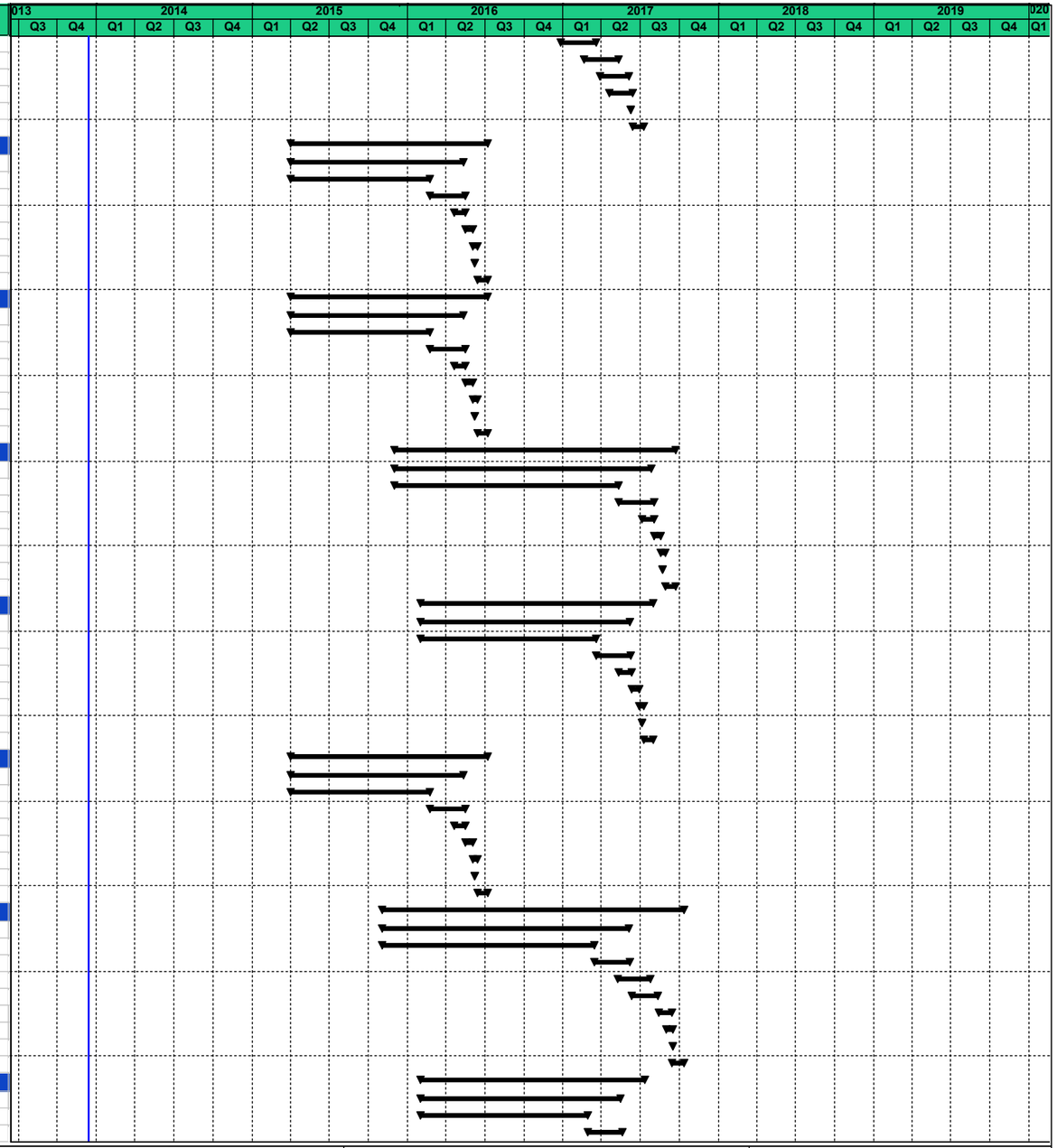
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	51	20-Feb-17	12-May-17
	Culvert	44	28-Mar-17	05-Jun-17
	Roadway	36	19-Apr-17	13-Jun-17
	Substanatial Completion	0	08-Jun-17	08-Jun-17
	Final Completion Items	16	13-Jun-17	10-Jul-17
	Bridge 1980 - Big Sewickley Creek Road	324	01-Apr-15	07-Jul-16
	ROW / Permits / Utilties	286	01-Apr-15	12-May-16
	Design, Bid, and Award	235	01-Apr-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
	Bridge 1982 - Big Sewickley Creek Road	324	01-Apr-15	07-Jul-16
	ROW / Permits / Utilties	286	01-Apr-15	12-May-16
	Design, Bid, and Award	235	01-Apr-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
	Bridge 3599 - Fairview Road	463	01-Dec-15	22-Sep-17
	ROW / Permits / Utilties	424	01-Dec-15	28-Jul-17
	Design, Bid, and Award	378	01-Dec-15	12-May-17
	Submittals and Fabrication	60	12-May-17	03-Aug-17
	MPT, Demolition, Excavation, Piling	19	06-Jul-17	02-Aug-17
	Culvert	11	02-Aug-17	18-Aug-17
	Roadway	6	18-Aug-17	28-Aug-17
	Substanatial Completion	0	23-Aug-17	23-Aug-17
	Final Completion Items	16	28-Aug-17	22-Sep-17
	Bridge 3602 - Tuscarawas Road	384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
	Bridge 3647 - Chapel Drive	324	01-Apr-15	07-Jul-16
	ROW / Permits / Utilties	286	01-Apr-15	12-May-16
	Design, Bid, and Award	235	01-Apr-15	24-Feb-16
	Submittals and Fabrication	60	24-Feb-16	17-May-16
	MPT, Demolition, Excavation, Piling	19	19-Apr-16	17-May-16
	Culvert	11	17-May-16	03-Jun-16
	Roadway	6	03-Jun-16	13-Jun-16
	Substanatial Completion	0	08-Jun-16	08-Jun-16
	Final Completion Items	16	13-Jun-16	07-Jul-16
	Bridge 3654 - Wise's Grove Road	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 3693 - Chapel Road	370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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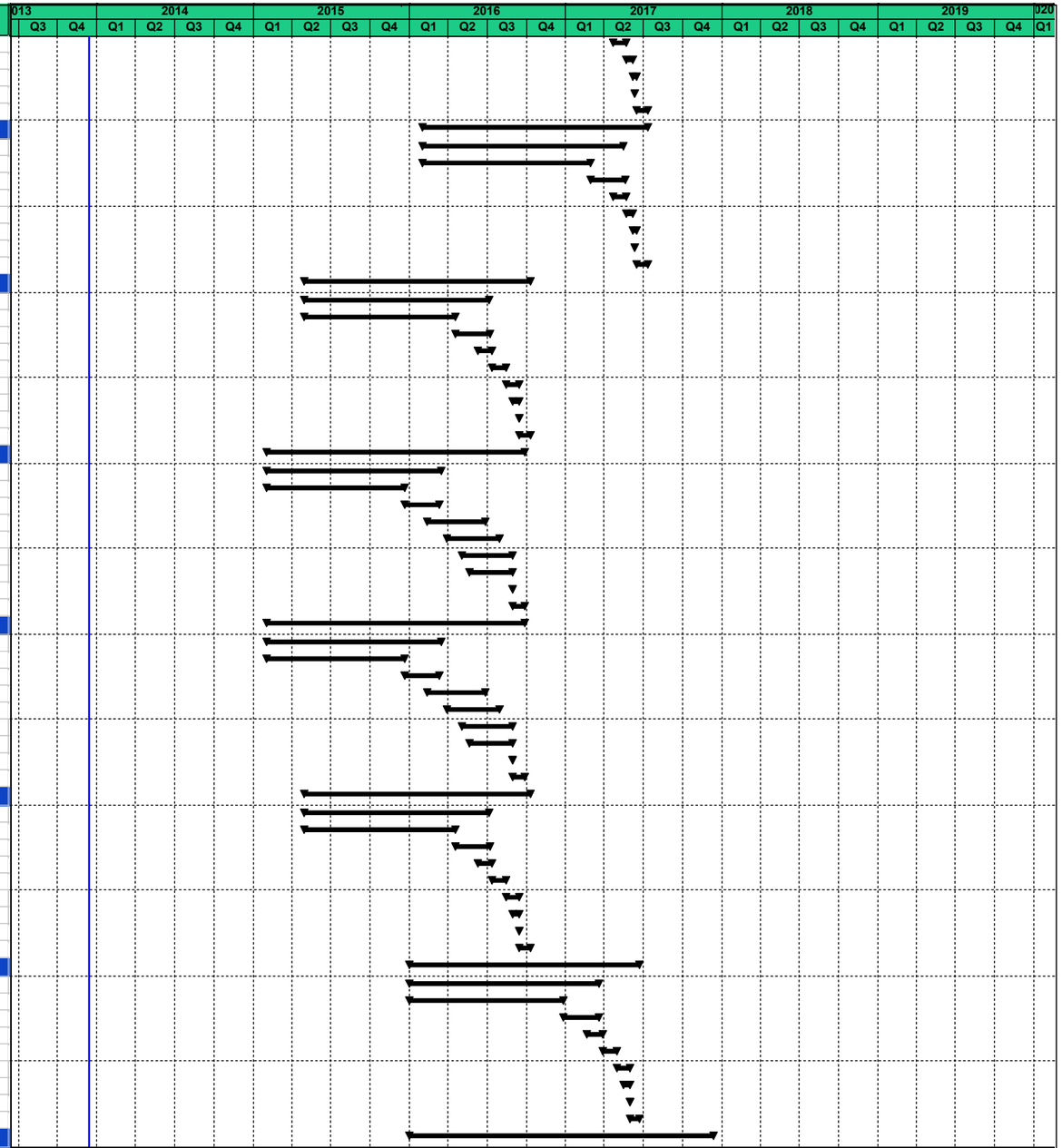
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
	Bridge 3695 - Kane Road	370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilities	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
	Bridge 3717 - Bocktown Cork Road	368	01-May-15	10-Oct-16
	ROW / Permits / Utilities	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	21	10-Jun-16	13-Jul-16
	Substructure	22	13-Jul-16	15-Aug-16
	Superstructure	20	15-Aug-16	13-Sep-16
	Roadway	9	30-Aug-16	13-Sep-16
	Substanatial Completion	0	13-Sep-16	13-Sep-16
	Final Completion Items	16	13-Sep-16	10-Oct-16
	Bridge 3722 - Georgetown Road	422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilities	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 3723 - Georgetown Road	422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilities	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 3747 - Brady Run Road	368	01-May-15	10-Oct-16
	ROW / Permits / Utilities	301	01-May-15	06-Jul-16
	Design, Bid, and Award	251	01-May-15	18-Apr-16
	Submittals and Fabrication	60	18-Apr-16	08-Jul-16
	MPT, Demolition, Excavation, Piling	21	10-Jun-16	13-Jul-16
	Substructure	22	13-Jul-16	15-Aug-16
	Superstructure	20	15-Aug-16	13-Sep-16
	Roadway	9	30-Aug-16	13-Sep-16
	Substanatial Completion	0	13-Sep-16	13-Sep-16
	Final Completion Items	16	13-Sep-16	10-Oct-16
	Bridge 3749 - Brady Run Road	378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilities	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
	Bridge 3750 - Brady Run Road	497	01-Jan-16	12-Dec-17



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Master Schedule - Proposal - Bridge Sum

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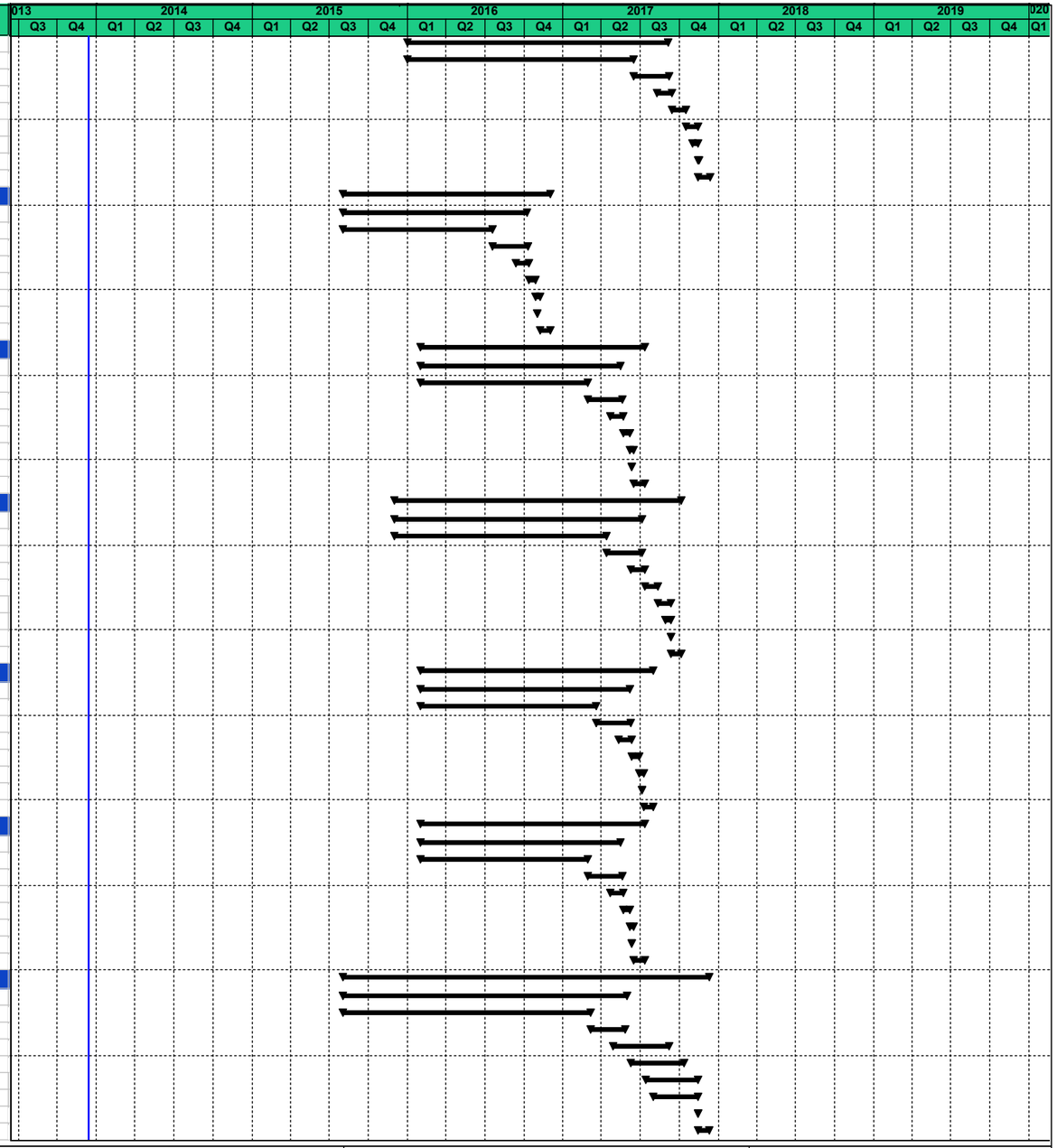
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 3755 - Park Road	342	03-Aug-15	02-Dec-16
	ROW / Permits / Utilties	303	03-Aug-15	07-Oct-16
	Design, Bid, and Award	251	03-Aug-15	19-Jul-16
	Submittals and Fabrication	60	19-Jul-16	10-Oct-16
	MPT, Demolition, Excavation, Piling	19	12-Sep-16	13-Oct-16
	Culvert	11	13-Oct-16	28-Oct-16
	Roadway	6	28-Oct-16	07-Nov-16
	Substanatial Completion	0	02-Nov-16	02-Nov-16
	Final Completion Items	16	07-Nov-16	02-Dec-16
	Bridge 3769 - Westwood Road	370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
	Bridge 22262 - Pulaski Road	472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
	Bridge 22265 - Pulaski Road	384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
	Bridge 22269 - Pulaski Road	370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
	Bridge 22277 - Youngstown Pola Road	602	03-Aug-15	11-Dec-17
	ROW / Permits / Utilties	466	03-Aug-15	30-May-17
	Design, Bid, and Award	415	03-Aug-15	06-Mar-17
	Submittals and Fabrication	60	06-Mar-17	26-May-17
	MPT, Demolition, Excavation, Piling	86	28-Apr-17	07-Sep-17
	Substructure	81	09-Jun-17	12-Oct-17
	Superstructure	86	14-Jul-17	14-Nov-17
	Roadway	73	01-Aug-17	13-Nov-17
	Substanatial Completion	0	14-Nov-17	14-Nov-17
	Final Completion Items	16	13-Nov-17	11-Dec-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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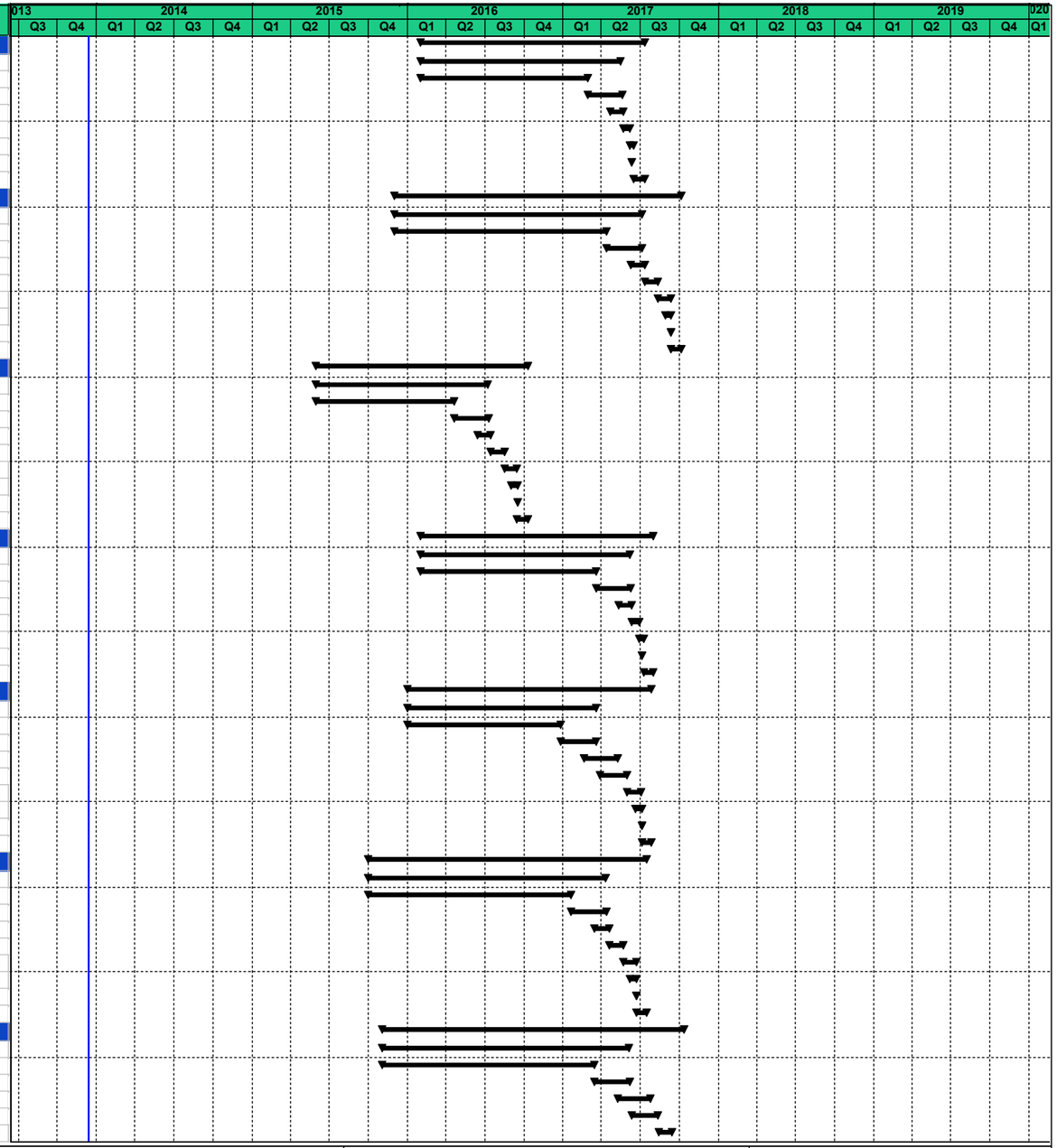
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
Bridge 22281 - Youngstown Pola Road		370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
Bridge 22358 - Neshannock Fallls Road		472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
Bridge 22359 - Neshannock Falls Road		349	01-Jun-15	11-Oct-16
	ROW / Permits / Utilties	282	01-Jun-15	07-Jul-16
	Design, Bid, and Award	231	01-Jun-15	19-Apr-16
	Submittals and Fabrication	60	19-Apr-16	11-Jul-16
	MPT, Demolition, Excavation, Piling	21	13-Jun-16	14-Jul-16
	Substructure	22	14-Jul-16	16-Aug-16
	Superstructure	20	16-Aug-16	14-Sep-16
	Roadway	10	31-Aug-16	15-Sep-16
	Substanatial Completion	0	15-Sep-16	15-Sep-16
	Final Completion Items	17	15-Sep-16	11-Oct-16
Bridge 22362 - Neshannock Falls Road		384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
Bridge 22369 - Highland Avenue		401	01-Jan-16	27-Jul-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	48	20-Feb-17	08-May-17
	Substructure	41	28-Mar-17	31-May-17
	Superstructure	22	01-Jun-17	04-Jul-17
	Roadway	10	20-Jun-17	05-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	17	05-Jul-17	27-Jul-17
Bridge 22374 - Neshannock Falls Road		457	01-Oct-15	17-Jul-17
	ROW / Permits / Utilties	390	01-Oct-15	11-Apr-17
	Design, Bid, and Award	341	01-Oct-15	20-Jan-17
	Submittals and Fabrication	60	20-Jan-17	13-Apr-17
	MPT, Demolition, Excavation, Piling	21	16-Mar-17	19-Apr-17
	Substructure	22	19-Apr-17	23-May-17
	Superstructure	20	23-May-17	21-Jun-17
	Roadway	10	07-Jun-17	21-Jun-17
	Substanatial Completion	0	21-Jun-17	21-Jun-17
	Final Completion Items	16	21-Jun-17	17-Jul-17
Bridge 22378 - Frew Mill Road		496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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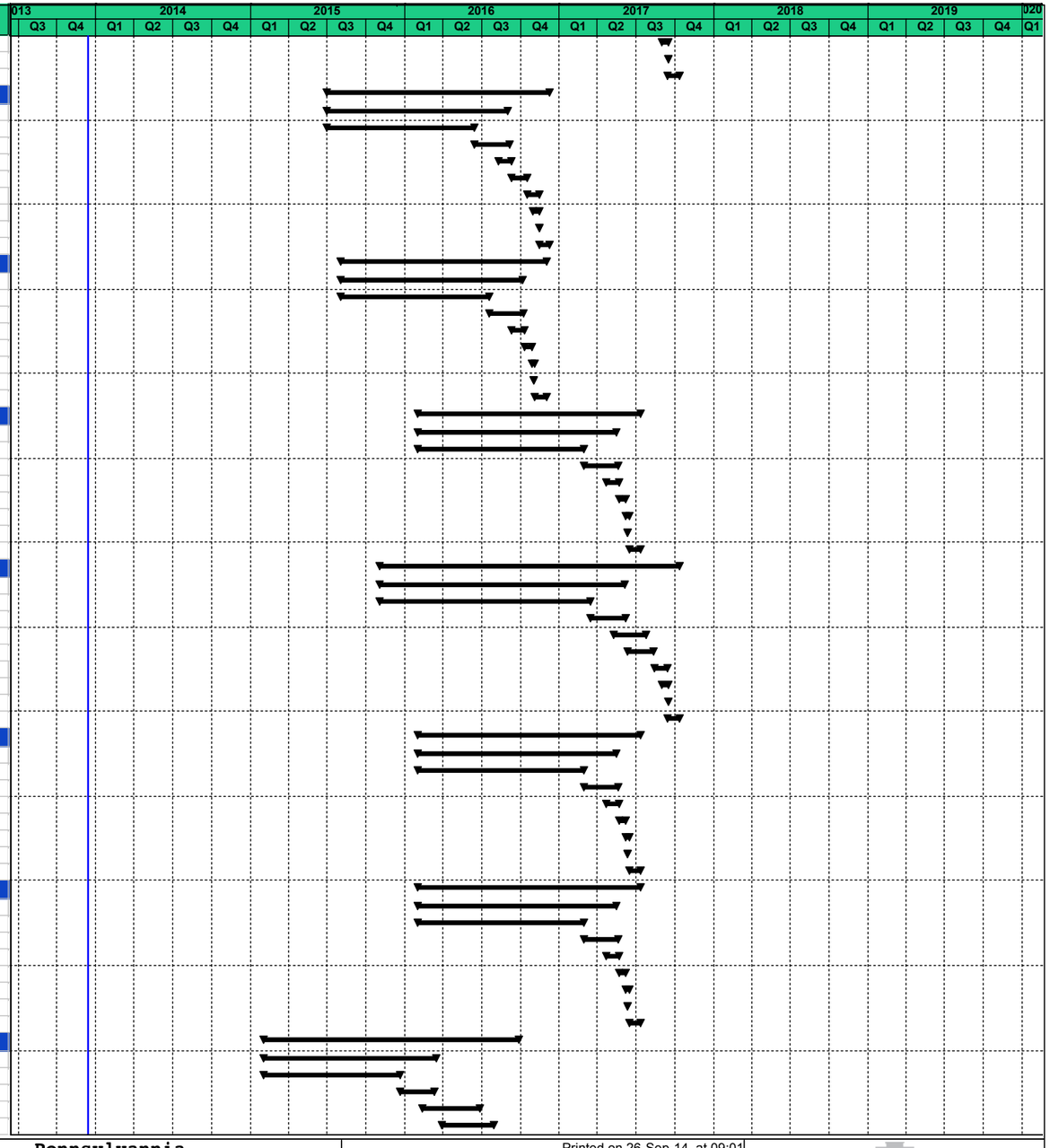
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 22379 - Frew Mill Road	369	01-Jul-15	09-Dec-16
	ROW / Permits / Utilties	300	01-Jul-15	01-Sep-16
	Design, Bid, and Award	250	01-Jul-15	15-Jun-16
	Submittals and Fabrication	60	15-Jun-16	06-Sep-16
	MPT, Demolition, Excavation, Piling	21	09-Aug-16	09-Sep-16
	Substructure	22	09-Sep-16	17-Oct-16
	Superstructure	20	17-Oct-16	14-Nov-16
	Roadway	10	31-Oct-16	14-Nov-16
	Substanatial Completion	0	14-Nov-16	14-Nov-16
	Final Completion Items	16	14-Nov-16	09-Dec-16
	Bridge 22396 - Savannah Road	341	03-Aug-15	01-Dec-16
	ROW / Permits / Utilties	302	03-Aug-15	06-Oct-16
	Design, Bid, and Award	250	03-Aug-15	18-Jul-16
	Submittals and Fabrication	60	18-Jul-16	07-Oct-16
	MPT, Demolition, Excavation, Piling	19	09-Sep-16	11-Oct-16
	Culvert	11	11-Oct-16	27-Oct-16
	Roadway	6	27-Oct-16	04-Nov-16
	Substanatial Completion	0	01-Nov-16	01-Nov-16
	Final Completion Items	16	04-Nov-16	01-Dec-16
	Bridge 22416	370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
	Bridge 22433 - South Main Street	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 22439 - State Line Road	370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
	Bridge 22441 - Petersburg Road	370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
	Bridge 22455 - Moravia Street	422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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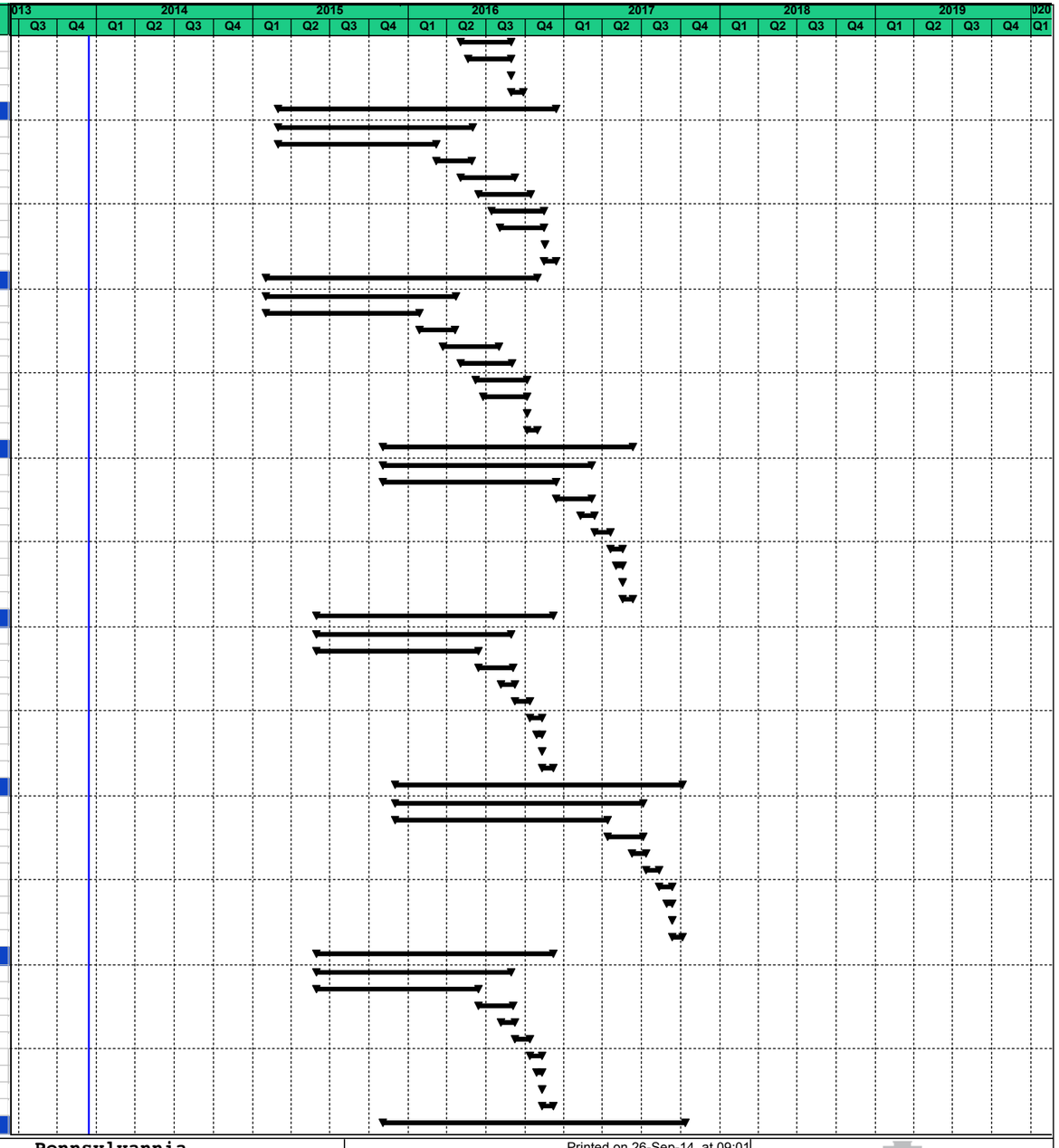
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 16651 - SR 0166	456	02-Mar-15	12-Dec-16
	ROW / Permits / Utilties	321	02-Mar-15	01-Jun-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	85	02-May-16	08-Sep-16
	Substructure	80	13-Jun-16	14-Oct-16
	Superstructure	86	15-Jul-16	15-Nov-16
	Roadway	73	03-Aug-16	15-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	15-Nov-16	12-Dec-16
	Bridge 16673 - SR 0381	447	02-Feb-15	31-Oct-16
	ROW / Permits / Utilties	313	02-Feb-15	21-Apr-16
	Design, Bid, and Award	258	02-Feb-15	28-Jan-16
	Submittals and Fabrication	60	28-Jan-16	20-Apr-16
	MPT, Demolition, Excavation, Piling	85	23-Mar-16	01-Aug-16
	Substructure	80	03-May-16	01-Sep-16
	Superstructure	84	07-Jun-16	05-Oct-16
	Roadway	72	24-Jun-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	17	05-Oct-16	31-Oct-16
	Bridge 16713 - SR 1001	411	02-Nov-15	12-Jun-17
	ROW / Permits / Utilties	342	02-Nov-15	06-Mar-17
	Design, Bid, and Award	292	02-Nov-15	14-Dec-16
	Submittals and Fabrication	60	14-Dec-16	07-Mar-17
	MPT, Demolition, Excavation, Piling	21	08-Feb-17	14-Mar-17
	Substructure	22	14-Mar-17	19-Apr-17
	Superstructure	20	19-Apr-17	17-May-17
	Roadway	11	03-May-17	18-May-17
	Substanatial Completion	0	19-May-17	19-May-17
	Final Completion Items	17	18-May-17	12-Jun-17
	Bridge 16720 - SR 1003	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 16725 - SR 1007	472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
	Bridge 16736 - SR 1018	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 16752 - SR 1031	496	02-Nov-15	11-Oct-17



Remaining Level of Effort
Actual Level of Effort
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Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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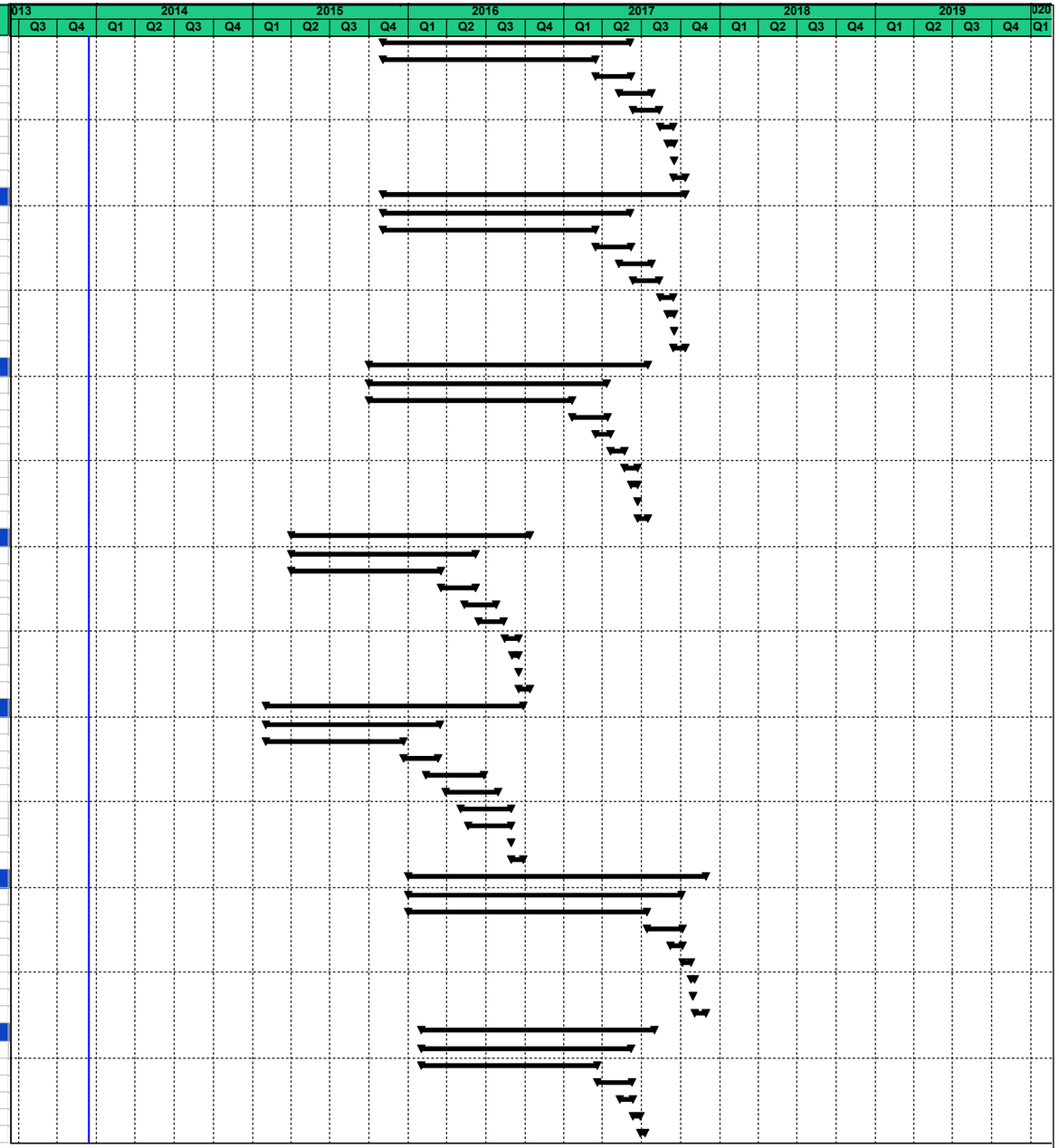
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 16757 - SR 1031	496	02-Nov-15	11-Oct-17
	ROW / Permits / Utilties	406	02-Nov-15	05-Jun-17
	Design, Bid, and Award	358	02-Nov-15	16-Mar-17
	Submittals and Fabrication	60	16-Mar-17	07-Jun-17
	MPT, Demolition, Excavation, Piling	48	10-May-17	24-Jul-17
	Substructure	41	12-Jun-17	11-Aug-17
	Superstructure	22	14-Aug-17	14-Sep-17
	Roadway	10	31-Aug-17	15-Sep-17
	Substanatial Completion	0	15-Sep-17	15-Sep-17
	Final Completion Items	17	14-Sep-17	11-Oct-17
	Bridge 16758 - SR 1031	457	01-Oct-15	17-Jul-17
	ROW / Permits / Utilties	390	01-Oct-15	11-Apr-17
	Design, Bid, and Award	341	01-Oct-15	20-Jan-17
	Submittals and Fabrication	60	20-Jan-17	13-Apr-17
	MPT, Demolition, Excavation, Piling	21	16-Mar-17	19-Apr-17
	Substructure	22	19-Apr-17	23-May-17
	Superstructure	20	23-May-17	21-Jun-17
	Roadway	10	07-Jun-17	21-Jun-17
	Substanatial Completion	0	21-Jun-17	21-Jun-17
	Final Completion Items	16	21-Jun-17	17-Jul-17
	Bridge 16782 - SR 1043	393	01-Apr-15	13-Oct-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	48	11-May-16	25-Jul-16
	Substructure	41	13-Jun-16	12-Aug-16
	Superstructure	22	15-Aug-16	15-Sep-16
	Roadway	10	01-Sep-16	16-Sep-16
	Substanatial Completion	0	16-Sep-16	16-Sep-16
	Final Completion Items	17	15-Sep-16	13-Oct-16
	Bridge 16789 - SR 1050	422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
	Bridge 16789 - SR 1050	488	01-Jan-16	29-Nov-17
	ROW / Permits / Utilties	448	01-Jan-16	03-Oct-17
	Design, Bid, and Award	400	01-Jan-16	14-Jul-17
	Submittals and Fabrication	60	14-Jul-17	05-Oct-17
	MPT, Demolition, Excavation, Piling	19	07-Sep-17	06-Oct-17
	Culvert	11	06-Oct-17	25-Oct-17
	Roadway	6	25-Oct-17	02-Nov-17
	Substanatial Completion	0	30-Oct-17	30-Oct-17
	Final Completion Items	16	02-Nov-17	29-Nov-17
	Bridge 16806 - SR 1051	384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17



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Pennsylvannia

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Master Schedule - Proposal - Bridge Sum

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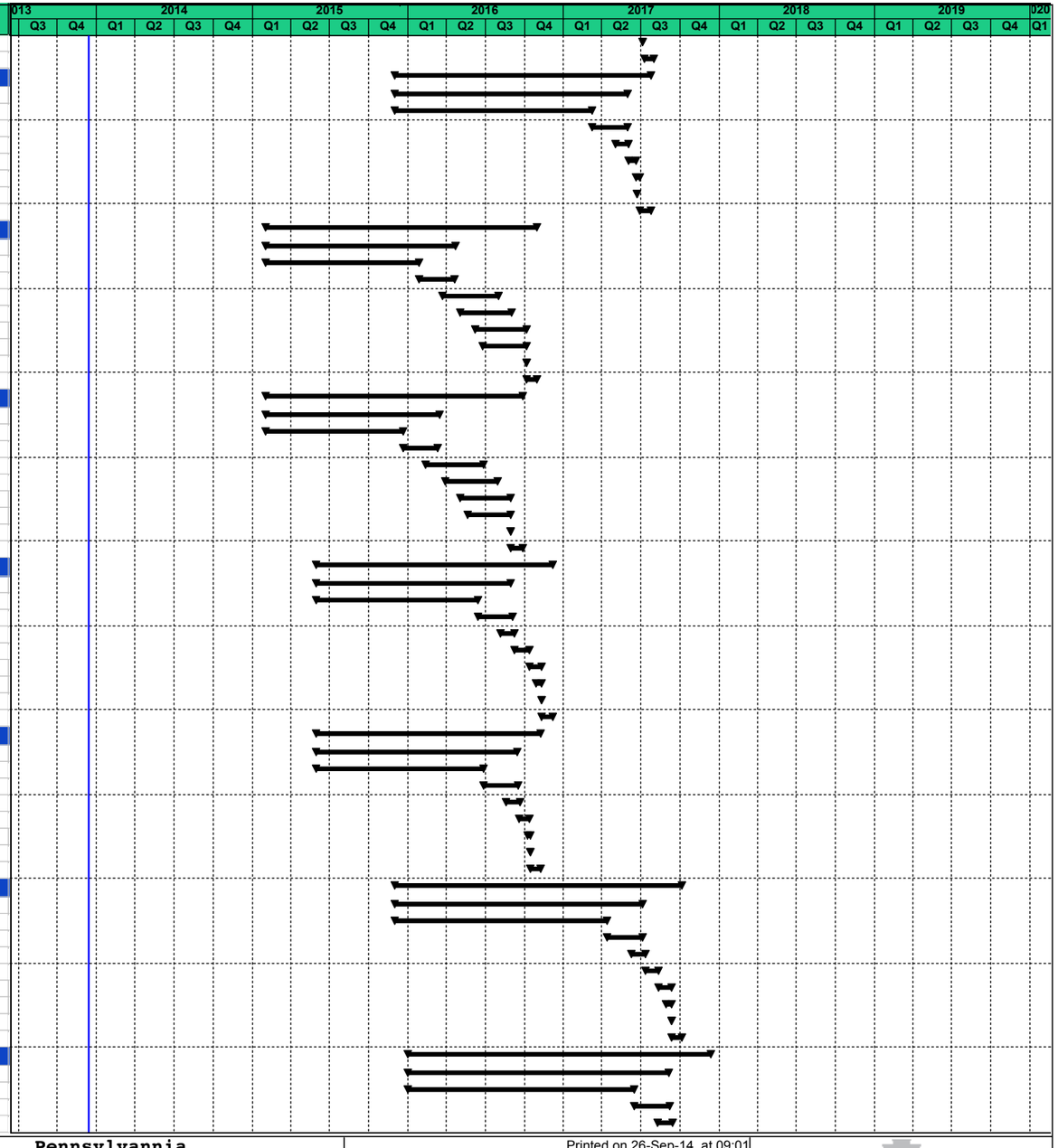
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
Bridge 16827 - SR 1055		420	01-Dec-15	24-Jul-17
	ROW / Permits / Utilities	382	01-Dec-15	30-May-17
	Design, Bid, and Award	332	01-Dec-15	09-Mar-17
	Submittals and Fabrication	60	09-Mar-17	31-May-17
	MPT, Demolition, Excavation, Piling	19	03-May-17	02-Jun-17
	Culvert	11	02-Jun-17	20-Jun-17
	Roadway	6	20-Jun-17	28-Jun-17
	Substanatial Completion	0	23-Jun-17	23-Jun-17
	Final Completion Items	16	28-Jun-17	24-Jul-17
Bridge 16840 - SR 1058		447	02-Feb-15	31-Oct-16
	ROW / Permits / Utilities	313	02-Feb-15	21-Apr-16
	Design, Bid, and Award	258	02-Feb-15	28-Jan-16
	Submittals and Fabrication	60	28-Jan-16	20-Apr-16
	MPT, Demolition, Excavation, Piling	85	23-Mar-16	01-Aug-16
	Substructure	80	03-May-16	01-Sep-16
	Superstructure	84	07-Jun-16	05-Oct-16
	Roadway	72	24-Jun-16	06-Oct-16
	Substanatial Completion	0	06-Oct-16	06-Oct-16
	Final Completion Items	17	05-Oct-16	31-Oct-16
Bridge 16841 - SR 1058		422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
Bridge 16868 - SR 2015		388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
Bridge 16910 - SR 3011		368	01-Jun-15	07-Nov-16
	ROW / Permits / Utilties	329	01-Jun-15	13-Sep-16
	Design, Bid, and Award	280	01-Jun-15	27-Jun-16
	Submittals and Fabrication	60	27-Jun-16	16-Sep-16
	MPT, Demolition, Excavation, Piling	20	19-Aug-16	20-Sep-16
	Superstructure	15	19-Sep-16	13-Oct-16
	Roadway	5	07-Oct-16	14-Oct-16
	Substanatial Completion	0	14-Oct-16	14-Oct-16
	Final Completion Items	16	14-Oct-16	07-Nov-16
Bridge 16922 - SR 3013		472	01-Dec-15	05-Oct-17
	ROW / Permits / Utilties	407	01-Dec-15	05-Jul-17
	Design, Bid, and Award	358	01-Dec-15	14-Apr-17
	Submittals and Fabrication	60	14-Apr-17	06-Jul-17
	MPT, Demolition, Excavation, Piling	21	08-Jun-17	12-Jul-17
	Substructure	22	12-Jul-17	11-Aug-17
	Superstructure	20	11-Aug-17	11-Sep-17
	Roadway	9	28-Aug-17	11-Sep-17
	Substanatial Completion	0	11-Sep-17	11-Sep-17
	Final Completion Items	16	11-Sep-17	05-Oct-17
Bridge 16928 - SR 3013		497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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Master Schedule - Proposal - Bridge Sum

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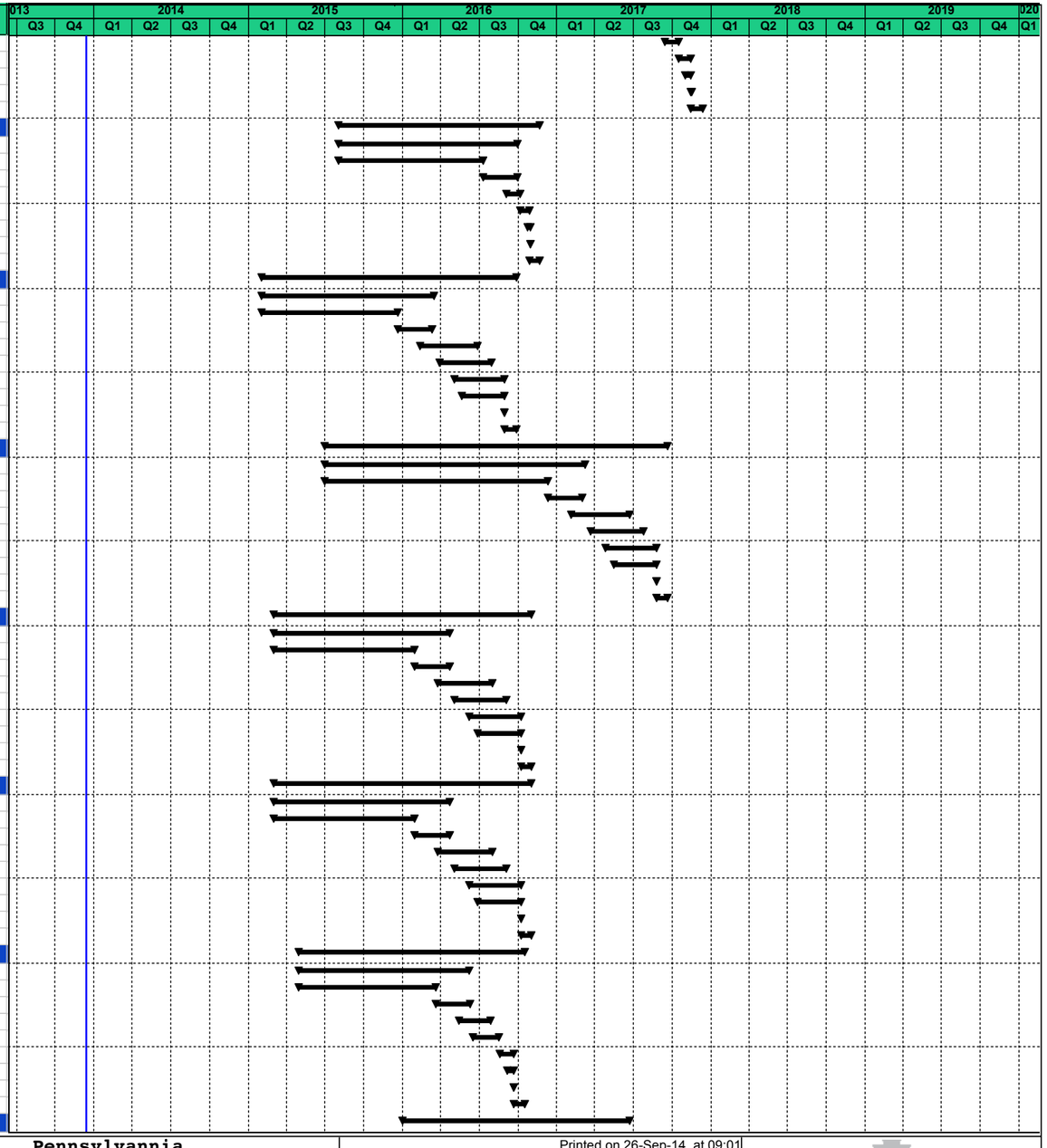
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
Bridge 17052 - SR 4044		335	03-Aug-15	22-Nov-16
	ROW / Permits / Utilties	297	03-Aug-15	29-Sep-16
	Design, Bid, and Award	245	03-Aug-15	11-Jul-16
	Submittals and Fabrication	60	11-Jul-16	30-Sep-16
	MPT, Demolition, Excavation, Piling	20	02-Sep-16	06-Oct-16
	Superstructure	15	05-Oct-16	27-Oct-16
	Roadway	4	24-Oct-16	29-Oct-16
	Substanatial Completion	0	29-Oct-16	29-Oct-16
	Final Completion Items	16	28-Oct-16	22-Nov-16
Bridge 18013 - SR 0018		422	02-Feb-15	26-Sep-16
	ROW / Permits / Utilties	287	02-Feb-15	16-Mar-16
	Design, Bid, and Award	230	02-Feb-15	21-Dec-15
	Submittals and Fabrication	60	21-Dec-15	11-Mar-16
	MPT, Demolition, Excavation, Piling	85	12-Feb-16	27-Jun-16
	Substructure	80	29-Mar-16	29-Jul-16
	Superstructure	84	02-May-16	30-Aug-16
	Roadway	70	20-May-16	30-Aug-16
	Substanatial Completion	0	30-Aug-16	30-Aug-16
	Final Completion Items	16	30-Aug-16	26-Sep-16
Bridge 18044 - SR 0018		566	01-Jul-15	19-Sep-17
	ROW / Permits / Utilties	431	01-Jul-15	09-Mar-17
	Design, Bid, and Award	378	01-Jul-15	12-Dec-16
	Submittals and Fabrication	60	12-Dec-16	03-Mar-17
	MPT, Demolition, Excavation, Piling	85	03-Feb-17	21-Jun-17
	Substructure	80	22-Mar-17	25-Jul-17
	Superstructure	84	26-Apr-17	24-Aug-17
	Roadway	71	15-May-17	24-Aug-17
	Substanatial Completion	0	24-Aug-17	24-Aug-17
	Final Completion Items	16	24-Aug-17	19-Sep-17
Bridge 18154 - SR 0188		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 18164 - SR 0188		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 18214 - SR 1011		373	01-May-15	17-Oct-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	48	13-May-16	27-Jul-16
	Substructure	41	16-Jun-16	16-Aug-16
	Superstructure	22	18-Aug-16	20-Sep-16
	Roadway	10	06-Sep-16	20-Sep-16
	Substanatial Completion	0	20-Sep-16	20-Sep-16
	Final Completion Items	16	20-Sep-16	17-Oct-16
Bridge 18222 - SR 1014		378	01-Jan-16	23-Jun-17



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvania

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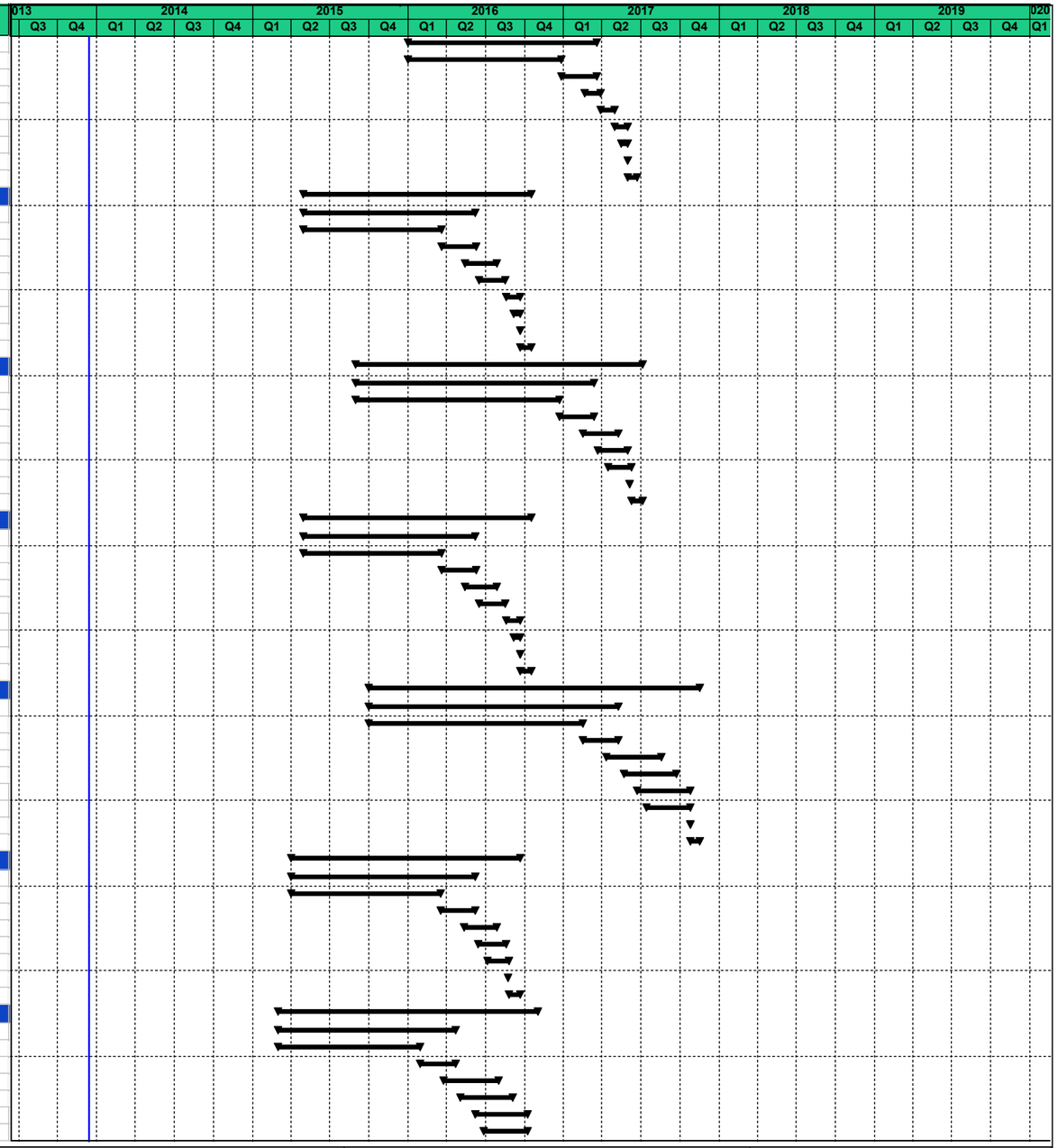
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
	Bridge 18261 - SR 2003	373	01-May-15	17-Oct-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	48	13-May-16	27-Jul-16
	Substructure	41	16-Jun-16	16-Aug-16
	Superstructure	22	18-Aug-16	20-Sep-16
	Roadway	10	06-Sep-16	20-Sep-16
	Substanatial Completion	0	20-Sep-16	20-Sep-16
	Final Completion Items	16	20-Sep-16	17-Oct-16
	Bridge 18279 - SR 2011	470	01-Sep-15	05-Jul-17
	ROW / Permits / Utilties	391	01-Sep-15	14-Mar-17
	Design, Bid, and Award	341	01-Sep-15	21-Dec-16
	Submittals and Fabrication	60	21-Dec-16	14-Mar-17
	MPT, Demolition, Excavation, Piling	51	14-Feb-17	08-May-17
	Culvert	44	22-Mar-17	31-May-17
	Roadway	36	14-Apr-17	08-Jun-17
	Substanatial Completion	0	05-Jun-17	05-Jun-17
	Final Completion Items	16	08-Jun-17	05-Jul-17
	Bridge 18287 - SR 2016	373	01-May-15	17-Oct-16
	ROW / Permits / Utilties	282	01-May-15	08-Jun-16
	Design, Bid, and Award	231	01-May-15	21-Mar-16
	Submittals and Fabrication	60	21-Mar-16	10-Jun-16
	MPT, Demolition, Excavation, Piling	48	13-May-16	27-Jul-16
	Substructure	41	16-Jun-16	16-Aug-16
	Superstructure	22	18-Aug-16	20-Sep-16
	Roadway	10	06-Sep-16	20-Sep-16
	Substanatial Completion	0	20-Sep-16	20-Sep-16
	Final Completion Items	16	20-Sep-16	17-Oct-16
	Bridge 18315 - SR 2026	545	01-Oct-15	17-Nov-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	358	01-Oct-15	14-Feb-17
	Submittals and Fabrication	60	14-Feb-17	08-May-17
	MPT, Demolition, Excavation, Piling	86	10-Apr-17	18-Aug-17
	Substructure	81	22-May-17	22-Sep-17
	Superstructure	86	23-Jun-17	25-Oct-17
	Roadway	73	13-Jul-17	25-Oct-17
	Substanatial Completion	0	25-Oct-17	25-Oct-17
	Final Completion Items	16	25-Oct-17	17-Nov-17
	Bridge 18317 - SR 2026	377	01-Apr-15	21-Sep-16
	ROW / Permits / Utilties	302	01-Apr-15	06-Jun-16
	Design, Bid, and Award	251	01-Apr-15	17-Mar-16
	Submittals and Fabrication	60	17-Mar-16	08-Jun-16
	MPT, Demolition, Excavation, Piling	51	11-May-16	28-Jul-16
	Culvert	44	13-Jun-16	18-Aug-16
	Roadway	36	05-Jul-16	26-Aug-16
	Substanatial Completion	0	23-Aug-16	23-Aug-16
	Final Completion Items	16	26-Aug-16	21-Sep-16
	Bridge 18351 - SR 3006	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16



Remaining Level of Effort
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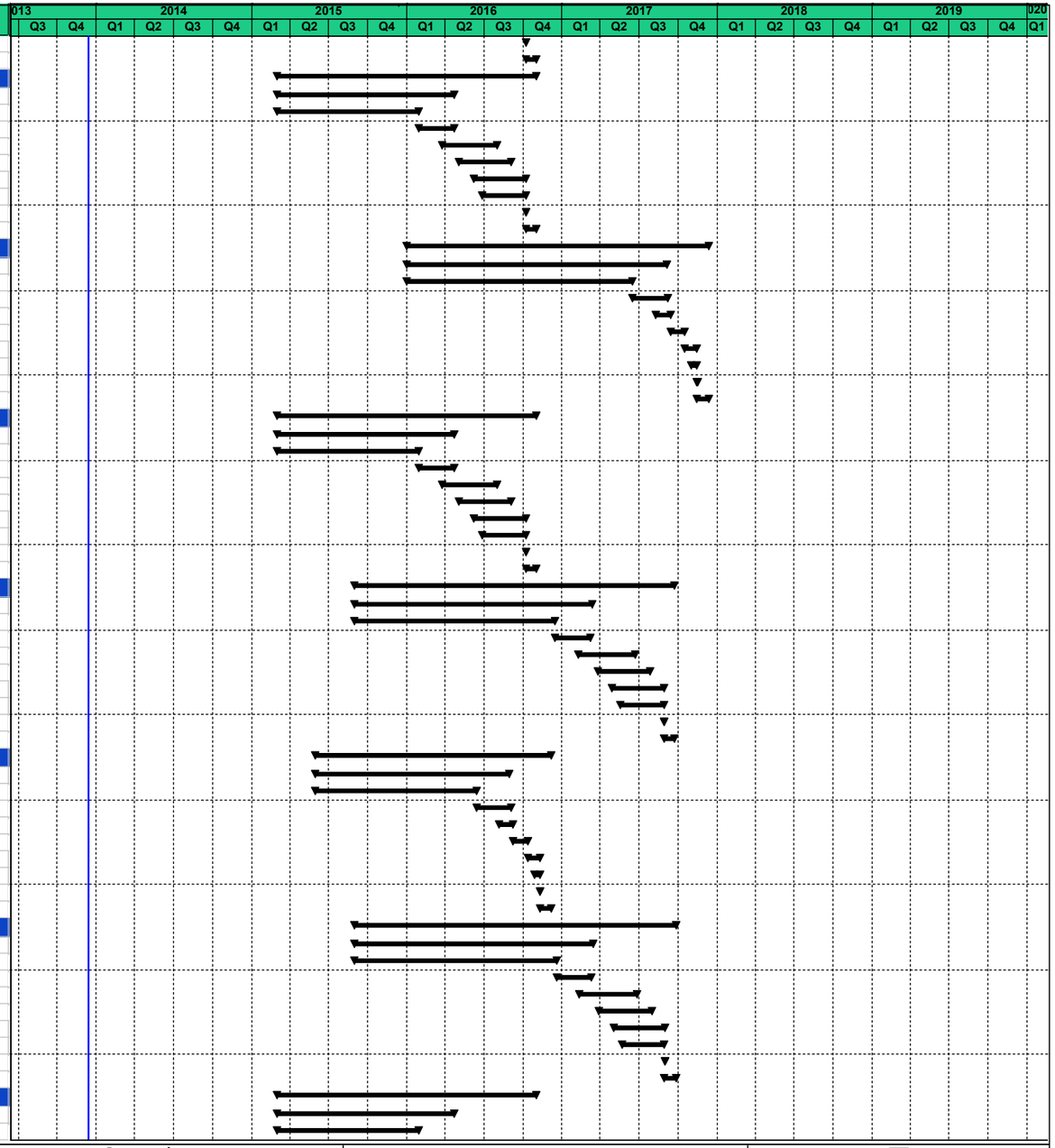
Activity ID	Activity Name	Original Duration	Start	Finish
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 18403 - SR 3013	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 34335 - SR 0019	497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 34417 - SR 0050	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 34609 - SR 0088	526	01-Sep-15	22-Sep-17
	ROW / Permits / Utilties	390	01-Sep-15	13-Mar-17
	Design, Bid, and Award	337	01-Sep-15	15-Dec-16
	Submittals and Fabrication	60	15-Dec-16	08-Mar-17
	MPT, Demolition, Excavation, Piling	85	08-Feb-17	23-Jun-17
	Substructure	80	27-Mar-17	27-Jul-17
	Superstructure	84	28-Apr-17	28-Aug-17
	Roadway	70	18-May-17	28-Aug-17
	Substanatial Completion	0	28-Aug-17	28-Aug-17
	Final Completion Items	16	28-Aug-17	22-Sep-17
	Bridge 34623 - SR 0088	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 34650 - SR 0221	528	01-Sep-15	26-Sep-17
	ROW / Permits / Utilties	393	01-Sep-15	16-Mar-17
	Design, Bid, and Award	339	01-Sep-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
	Bridge 34673 - SR 0231	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16



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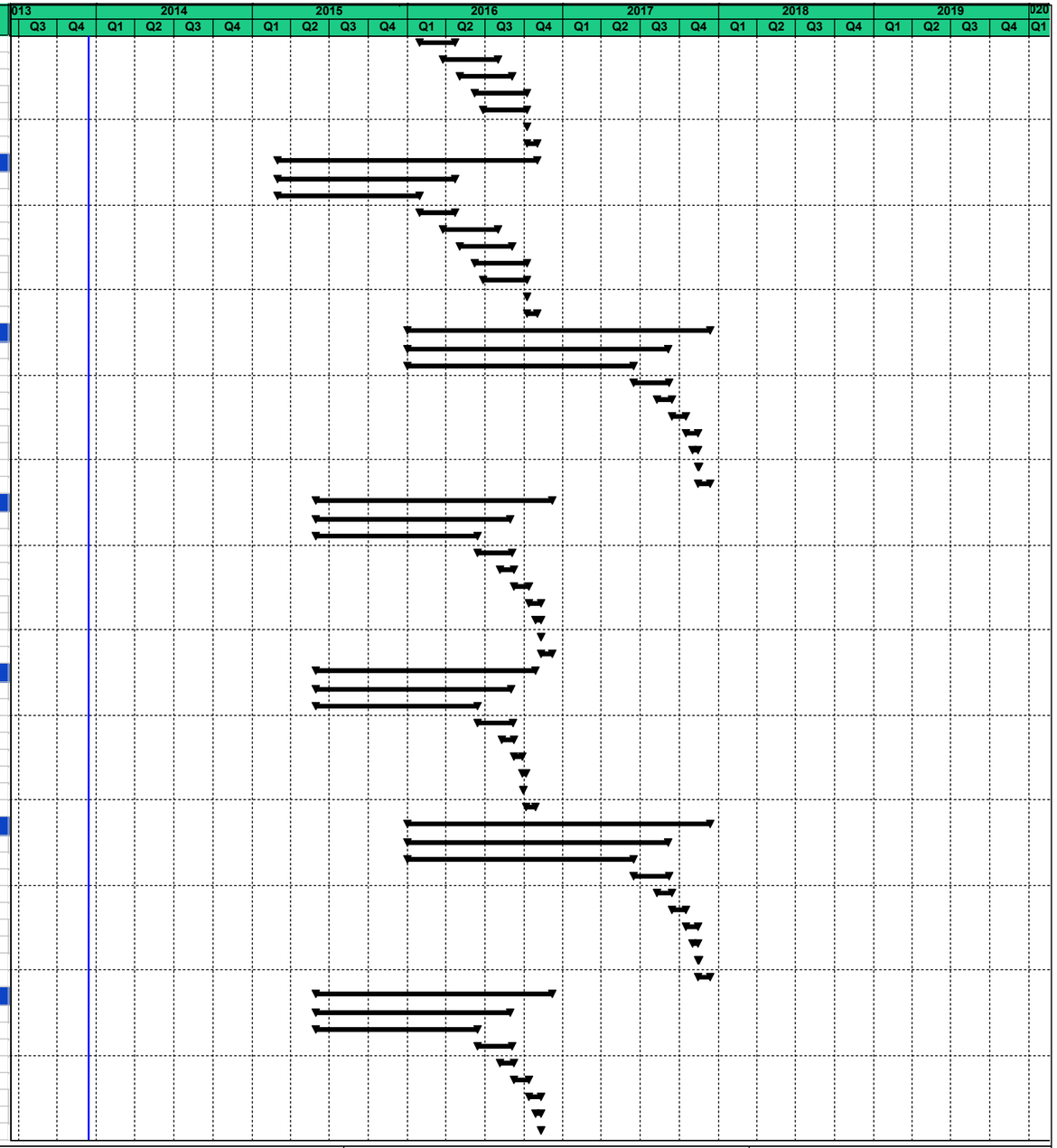
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 34692 - SR 0481	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 34702 - SR 0481	497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 34847 - SR 1049	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 34879 - SR 2007	362	01-Jun-15	28-Oct-16
	ROW / Permits / Utilties	322	01-Jun-15	01-Sep-16
	Design, Bid, and Award	272	01-Jun-15	15-Jun-16
	Submittals and Fabrication	60	15-Jun-16	06-Sep-16
	MPT, Demolition, Excavation, Piling	19	09-Aug-16	07-Sep-16
	Culvert	11	07-Sep-16	26-Sep-16
	Roadway	6	26-Sep-16	05-Oct-16
	Substanatial Completion	0	29-Sep-16	29-Sep-16
	Final Completion Items	16	05-Oct-16	28-Oct-16
	Bridge 34901 - SR 2011	497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 34907 - SR 2015	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16



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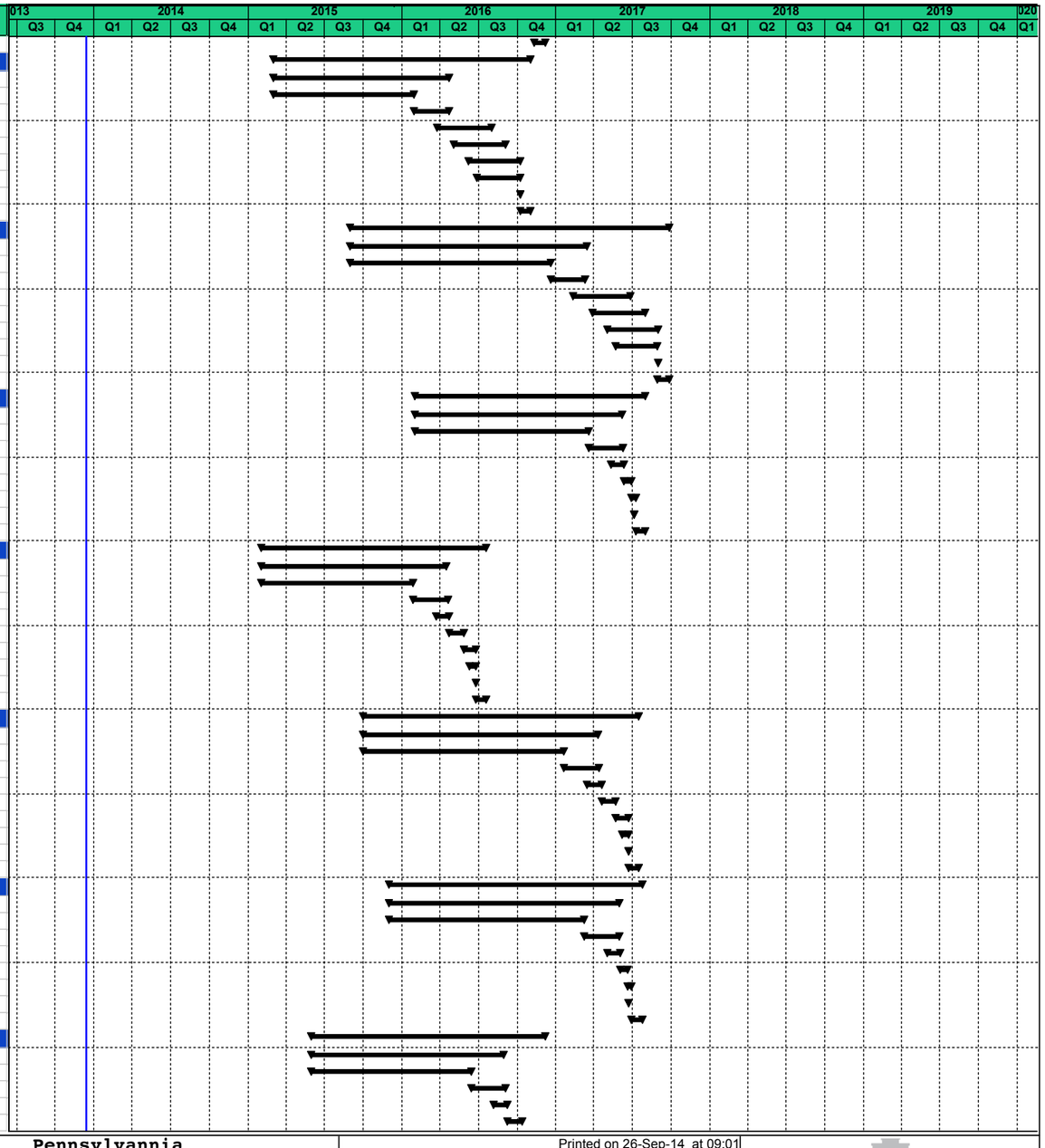
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	16	10-Nov-16	06-Dec-16
Bridge 34946 - SR 2023		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 34949 - SR 2023		528	01-Sep-15	26-Sep-17
	ROW / Permits / Utilties	393	01-Sep-15	16-Mar-17
	Design, Bid, and Award	339	01-Sep-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 34977 - SR 2034		384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
Bridge 34980 - SR 2036		374	02-Feb-15	19-Jul-16
	ROW / Permits / Utilties	309	02-Feb-15	15-Apr-16
	Design, Bid, and Award	257	02-Feb-15	27-Jan-16
	Submittals and Fabrication	60	27-Jan-16	19-Apr-16
	MPT, Demolition, Excavation, Piling	21	22-Mar-16	22-Apr-16
	Substructure	22	22-Apr-16	26-May-16
	Superstructure	20	26-May-16	24-Jun-16
	Roadway	10	10-Jun-16	24-Jun-16
	Substanatial Completion	0	24-Jun-16	24-Jun-16
	Final Completion Items	16	24-Jun-16	19-Jul-16
Bridge 34985 - SR 2036		457	01-Oct-15	17-Jul-17
	ROW / Permits / Utilties	390	01-Oct-15	11-Apr-17
	Design, Bid, and Award	341	01-Oct-15	20-Jan-17
	Submittals and Fabrication	60	20-Jan-17	13-Apr-17
	MPT, Demolition, Excavation, Piling	21	16-Mar-17	19-Apr-17
	Substructure	22	19-Apr-17	23-May-17
	Superstructure	20	23-May-17	21-Jun-17
	Roadway	10	07-Jun-17	21-Jun-17
	Substanatial Completion	0	21-Jun-17	21-Jun-17
	Final Completion Items	16	21-Jun-17	17-Jul-17
Bridge 34996 - SR 2037		420	01-Dec-15	24-Jul-17
	ROW / Permits / Utilties	382	01-Dec-15	30-May-17
	Design, Bid, and Award	332	01-Dec-15	09-Mar-17
	Submittals and Fabrication	60	09-Mar-17	31-May-17
	MPT, Demolition, Excavation, Piling	19	03-May-17	02-Jun-17
	Culvert	11	02-Jun-17	20-Jun-17
	Roadway	6	20-Jun-17	28-Jun-17
	Substanatial Completion	0	23-Jun-17	23-Jun-17
	Final Completion Items	16	28-Jun-17	24-Jul-17
Bridge 35090 - SR 3037		388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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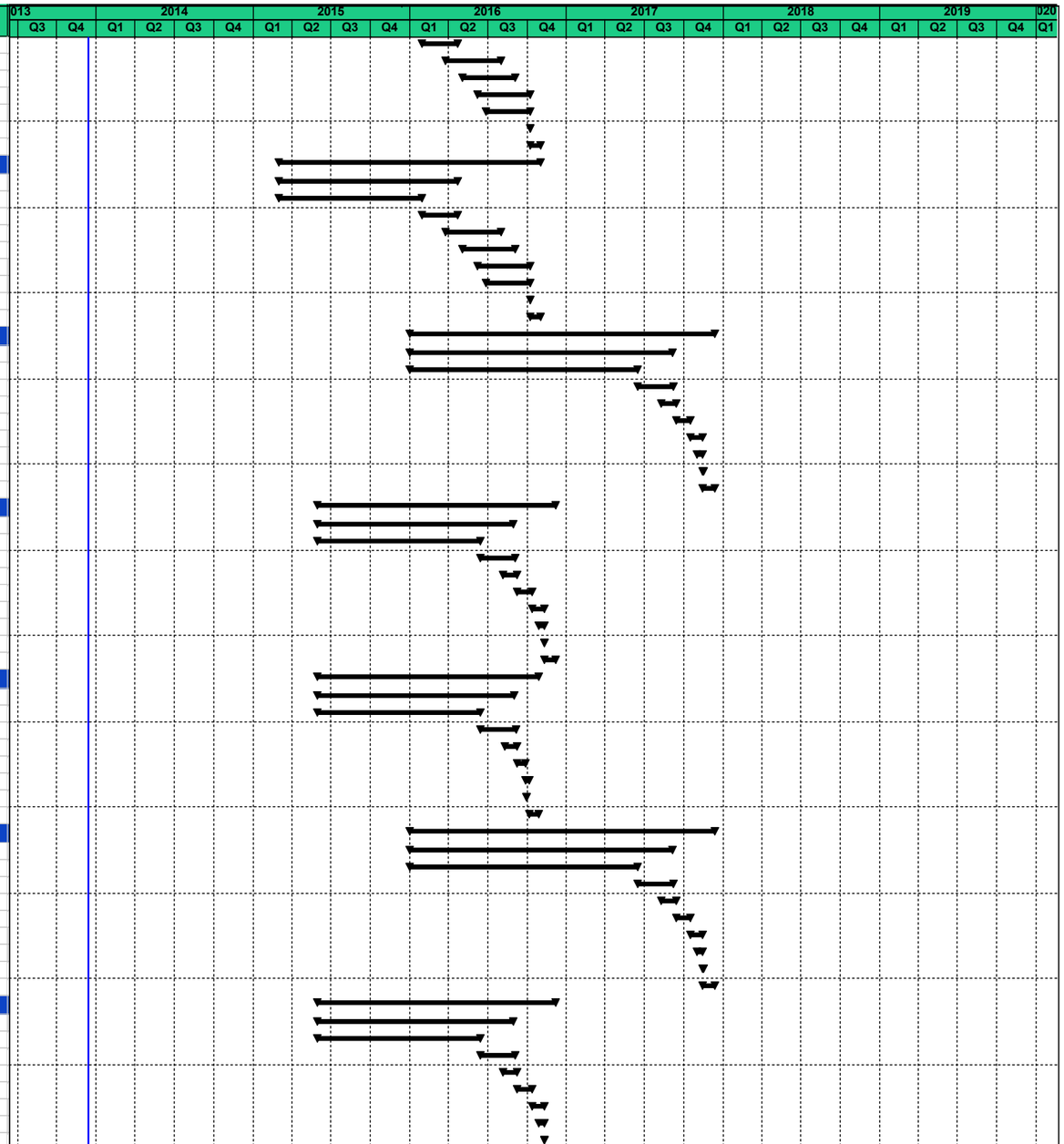
Plenary Walsh Keystone Partners

PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 34692 - SR 0481	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 34702 - SR 0481	497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 34847 - SR 1049	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 34879 - SR 2007	362	01-Jun-15	28-Oct-16
	ROW / Permits / Utilties	322	01-Jun-15	01-Sep-16
	Design, Bid, and Award	272	01-Jun-15	15-Jun-16
	Submittals and Fabrication	60	15-Jun-16	06-Sep-16
	MPT, Demolition, Excavation, Piling	19	09-Aug-16	07-Sep-16
	Culvert	11	07-Sep-16	26-Sep-16
	Roadway	6	26-Sep-16	05-Oct-16
	Substanatial Completion	0	29-Sep-16	29-Sep-16
	Final Completion Items	16	05-Oct-16	28-Oct-16
	Bridge 34901 - SR 2011	497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 34907 - SR 2015	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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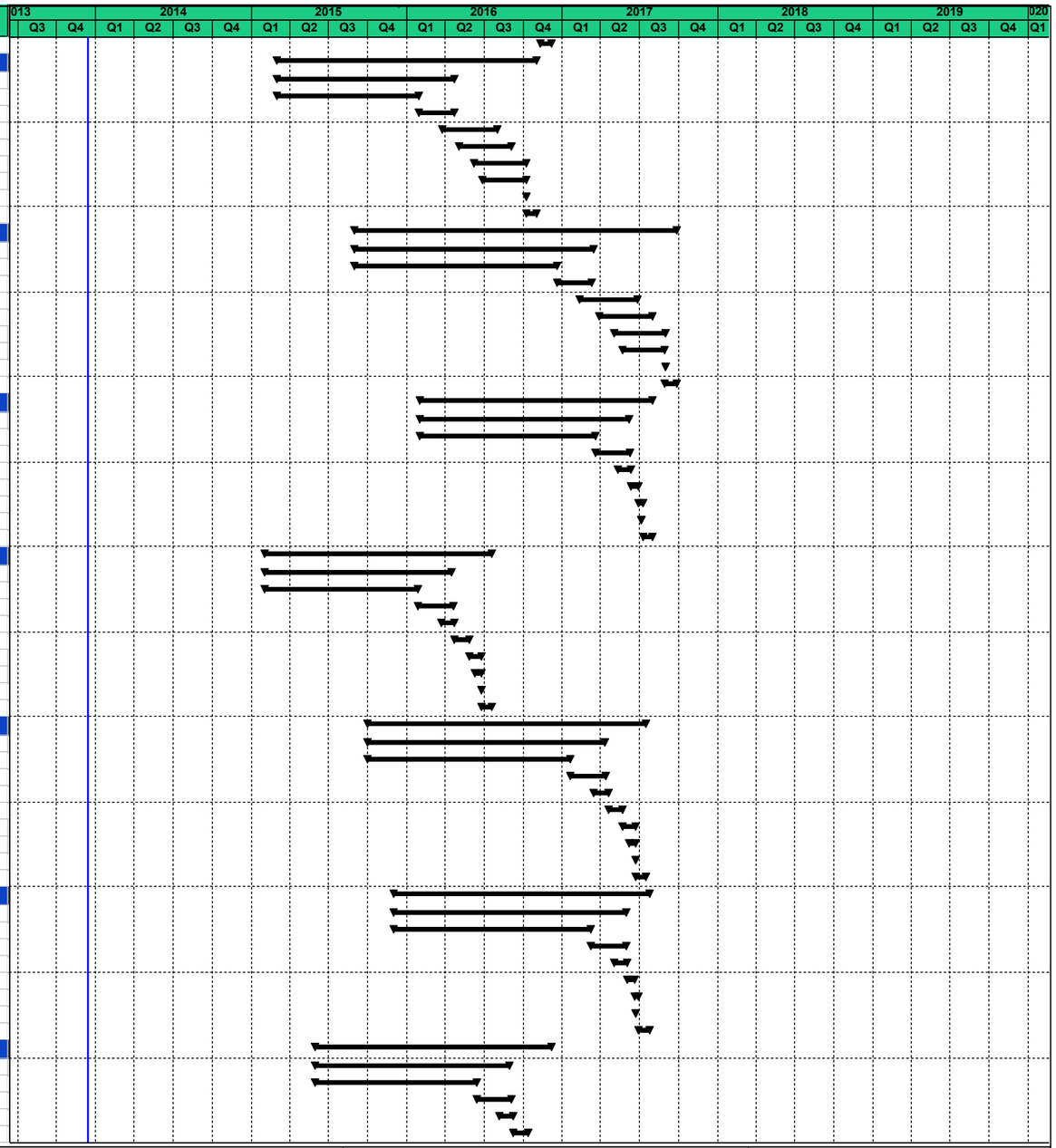
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Final Completion Items	16	10-Nov-16	06-Dec-16
Bridge 34946 - SR 2023		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 34949 - SR 2023		528	01-Sep-15	26-Sep-17
	ROW / Permits / Utilties	393	01-Sep-15	16-Mar-17
	Design, Bid, and Award	339	01-Sep-15	19-Dec-16
	Submittals and Fabrication	60	19-Dec-16	10-Mar-17
	MPT, Demolition, Excavation, Piling	85	10-Feb-17	27-Jun-17
	Substructure	80	29-Mar-17	31-Jul-17
	Superstructure	85	02-May-17	31-Aug-17
	Roadway	70	22-May-17	30-Aug-17
	Substanatial Completion	0	31-Aug-17	31-Aug-17
	Final Completion Items	16	30-Aug-17	26-Sep-17
Bridge 34977 - SR 2034		384	01-Feb-16	01-Aug-17
	ROW / Permits / Utilties	346	01-Feb-16	07-Jun-17
	Design, Bid, and Award	295	01-Feb-16	20-Mar-17
	Submittals and Fabrication	60	20-Mar-17	09-Jun-17
	MPT, Demolition, Excavation, Piling	19	12-May-17	12-Jun-17
	Culvert	11	12-Jun-17	28-Jun-17
	Roadway	6	28-Jun-17	10-Jul-17
	Substanatial Completion	0	05-Jul-17	05-Jul-17
	Final Completion Items	16	10-Jul-17	01-Aug-17
Bridge 34980 - SR 2036		374	02-Feb-15	19-Jul-16
	ROW / Permits / Utilties	309	02-Feb-15	15-Apr-16
	Design, Bid, and Award	257	02-Feb-15	27-Jan-16
	Submittals and Fabrication	60	27-Jan-16	19-Apr-16
	MPT, Demolition, Excavation, Piling	21	22-Mar-16	22-Apr-16
	Substructure	22	22-Apr-16	26-May-16
	Superstructure	20	26-May-16	24-Jun-16
	Roadway	10	10-Jun-16	24-Jun-16
	Substanatial Completion	0	24-Jun-16	24-Jun-16
	Final Completion Items	16	24-Jun-16	19-Jul-16
Bridge 34985 - SR 2036		457	01-Oct-15	17-Jul-17
	ROW / Permits / Utilties	390	01-Oct-15	11-Apr-17
	Design, Bid, and Award	341	01-Oct-15	20-Jan-17
	Submittals and Fabrication	60	20-Jan-17	13-Apr-17
	MPT, Demolition, Excavation, Piling	21	16-Mar-17	19-Apr-17
	Substructure	22	19-Apr-17	23-May-17
	Superstructure	20	23-May-17	21-Jun-17
	Roadway	10	07-Jun-17	21-Jun-17
	Substanatial Completion	0	21-Jun-17	21-Jun-17
	Final Completion Items	16	21-Jun-17	17-Jul-17
Bridge 34996 - SR 2037		420	01-Dec-15	24-Jul-17
	ROW / Permits / Utilties	382	01-Dec-15	30-May-17
	Design, Bid, and Award	332	01-Dec-15	09-Mar-17
	Submittals and Fabrication	60	09-Mar-17	31-May-17
	MPT, Demolition, Excavation, Piling	19	03-May-17	02-Jun-17
	Culvert	11	02-Jun-17	20-Jun-17
	Roadway	6	20-Jun-17	28-Jun-17
	Substanatial Completion	0	23-Jun-17	23-Jun-17
	Final Completion Items	16	28-Jun-17	24-Jul-17
Bridge 35090 - SR 3037		388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
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Summary

Pennsylvania

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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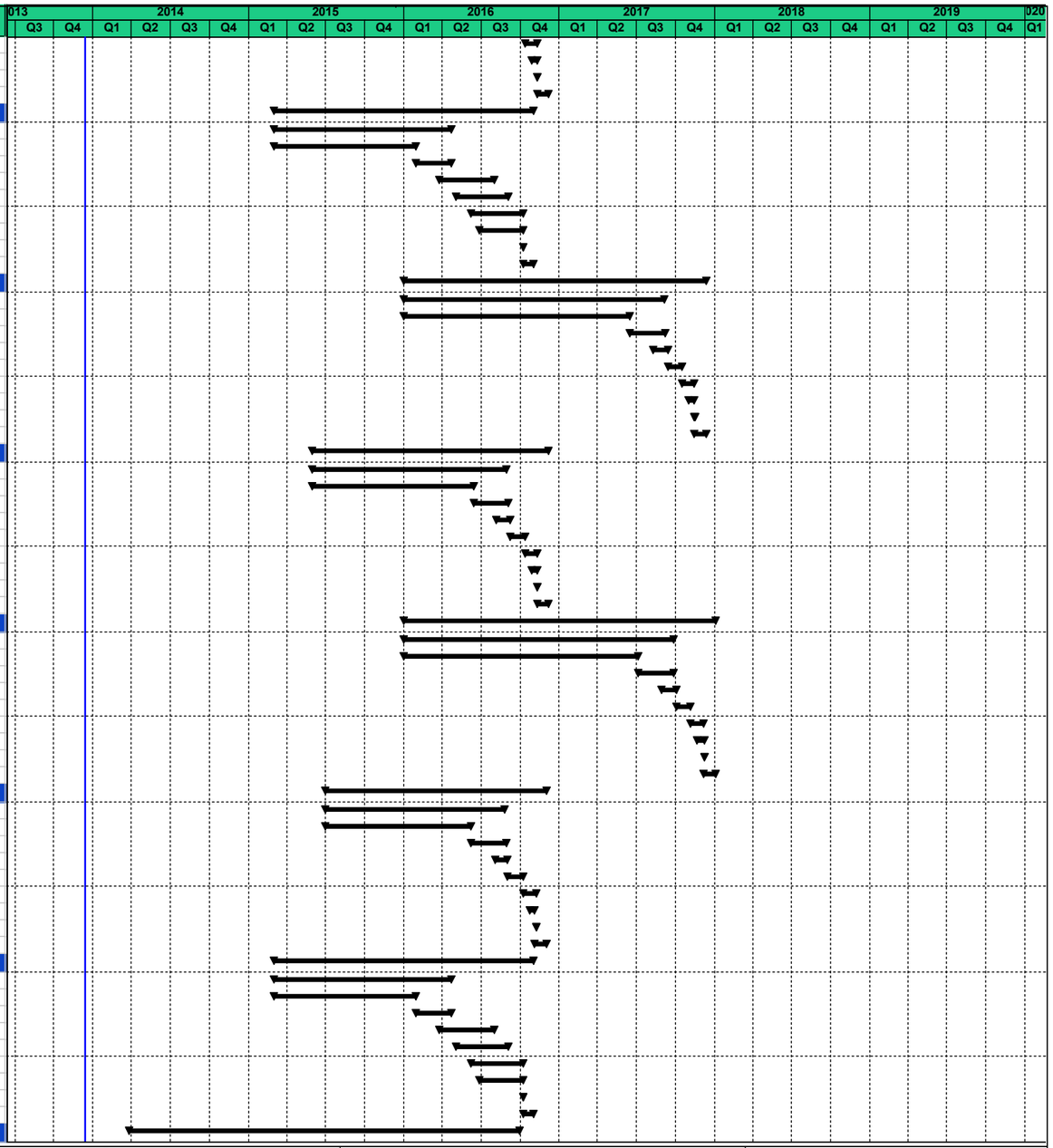
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 35103 - SR 4003	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Birdge 35171 - SR 4023	497	01-Jan-16	12-Dec-17
	ROW / Permits / Utilties	428	01-Jan-16	05-Sep-17
	Design, Bid, and Award	380	01-Jan-16	16-Jun-17
	Submittals and Fabrication	60	16-Jun-17	07-Sep-17
	MPT, Demolition, Excavation, Piling	21	10-Aug-17	13-Sep-17
	Substructure	22	13-Sep-17	17-Oct-17
	Superstructure	21	17-Oct-17	15-Nov-17
	Roadway	9	01-Nov-17	14-Nov-17
	Substanatial Completion	0	15-Nov-17	15-Nov-17
	Final Completion Items	16	14-Nov-17	12-Dec-17
	Bridge 35178 - SR 4027	388	01-Jun-15	06-Dec-16
	ROW / Permits / Utilties	320	01-Jun-15	30-Aug-16
	Design, Bid, and Award	270	01-Jun-15	13-Jun-16
	Submittals and Fabrication	60	13-Jun-16	02-Sep-16
	MPT, Demolition, Excavation, Piling	21	05-Aug-16	07-Sep-16
	Substructure	22	07-Sep-16	13-Oct-16
	Superstructure	20	13-Oct-16	10-Nov-16
	Roadway	10	27-Oct-16	10-Nov-16
	Substanatial Completion	0	10-Nov-16	10-Nov-16
	Final Completion Items	16	10-Nov-16	06-Dec-16
	Bridge 35201 - SR 4039	512	01-Jan-16	04-Jan-18
	ROW / Permits / Utilties	443	01-Jan-16	26-Sep-17
	Design, Bid, and Award	394	01-Jan-16	06-Jul-17
	Submittals and Fabrication	60	06-Jul-17	27-Sep-17
	MPT, Demolition, Excavation, Piling	21	30-Aug-17	03-Oct-17
	Substructure	22	03-Oct-17	06-Nov-17
	Superstructure	21	06-Nov-17	06-Dec-17
	Roadway	11	21-Nov-17	07-Dec-17
	Substanatial Completion	0	07-Dec-17	07-Dec-17
	Final Completion Items	17	06-Dec-17	04-Jan-18
	Bridge 35227 - SR 4061	363	01-Jul-15	01-Dec-16
	ROW / Permits / Utilties	295	01-Jul-15	25-Aug-16
	Design, Bid, and Award	245	01-Jul-15	08-Jun-16
	Submittals and Fabrication	60	08-Jun-16	30-Aug-16
	MPT, Demolition, Excavation, Piling	21	02-Aug-16	01-Sep-16
	Substructure	22	01-Sep-16	07-Oct-16
	Superstructure	21	07-Oct-16	07-Nov-16
	Roadway	9	24-Oct-16	04-Nov-16
	Substanatial Completion	0	07-Nov-16	07-Nov-16
	Final Completion Items	16	04-Nov-16	01-Dec-16
	Bridge 35982 - SR 0031	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 36002 - SR 0056	642	26-Mar-14	29-Sep-16



Remaining Level of Effort
Actual Level of Effort
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Summary

Pennsylvannia

Rapid Bridge Replacement Project

PBS-1

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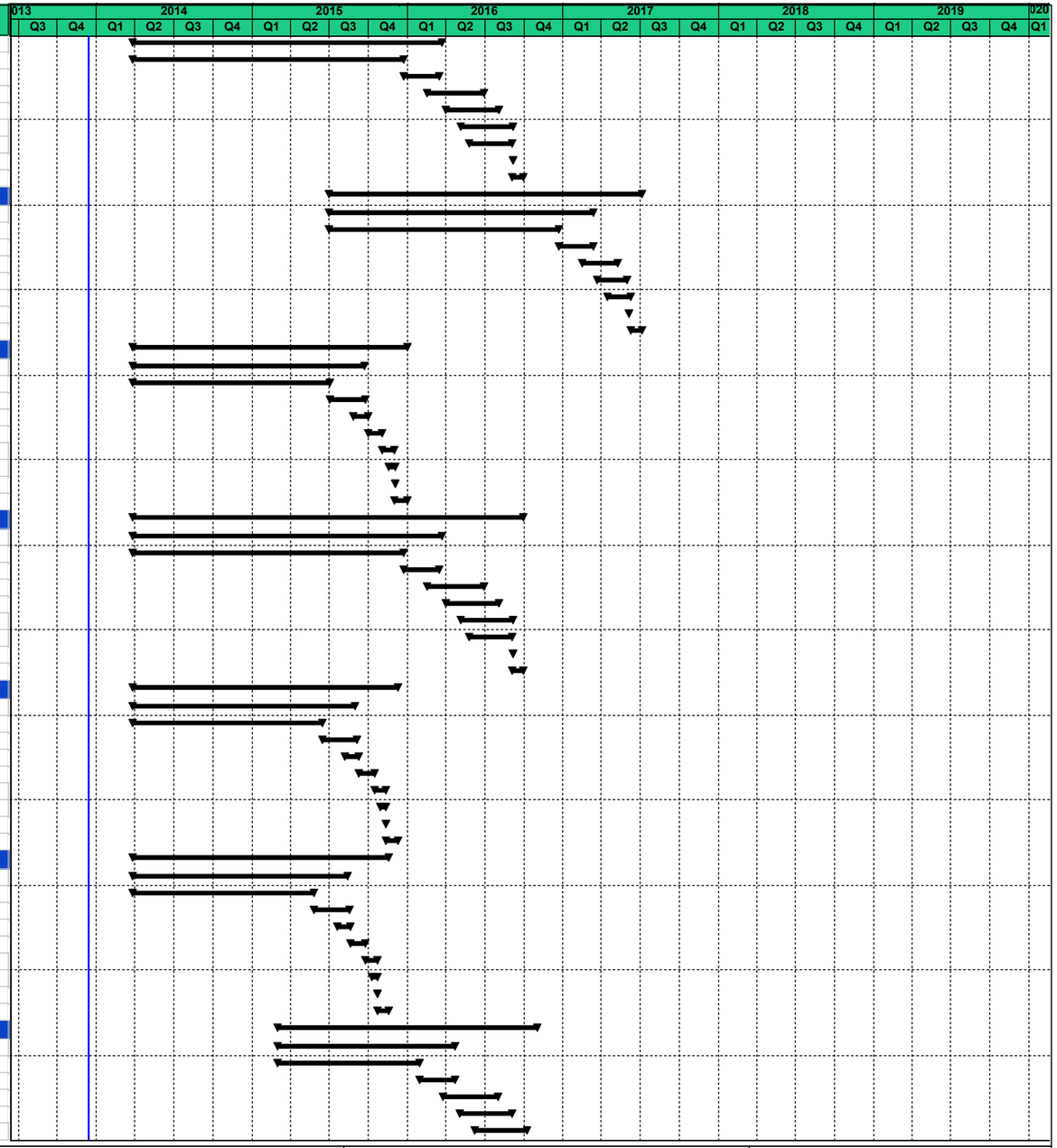
Master Schedule - Proposal - Bridge Sum

Data Date 13-Dec-13

Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 36130 - SR 0136	513	01-Jul-15	05-Jul-17
	ROW / Permits / Utilties	434	01-Jul-15	14-Mar-17
	Design, Bid, and Award	385	01-Jul-15	21-Dec-16
	Submittals and Fabrication	60	21-Dec-16	14-Mar-17
	MPT, Demolition, Excavation, Piling	51	14-Feb-17	08-May-17
	Culvert	44	22-Mar-17	31-May-17
	Roadway	36	14-Apr-17	08-Jun-17
	Substanatial Completion	0	05-Jun-17	05-Jun-17
	Final Completion Items	16	08-Jun-17	05-Jul-17
	Bridge 36168 - SR 0259	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 36207 - SR 0366	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 36228 - SR 0381	436	26-Mar-14	09-Dec-15
	ROW / Permits / Utilties	367	26-Mar-14	01-Sep-15
	Design, Bid, and Award	318	26-Mar-14	15-Jun-15
	Submittals and Fabrication	60	15-Jun-15	04-Sep-15
	MPT, Demolition, Excavation, Piling	21	07-Aug-15	09-Sep-15
	Substructure	22	09-Sep-15	15-Oct-15
	Superstructure	20	15-Oct-15	12-Nov-15
	Roadway	10	29-Oct-15	12-Nov-15
	Substanatial Completion	0	12-Nov-15	12-Nov-15
	Final Completion Items	16	12-Nov-15	09-Dec-15
	Bridge 36230 - SR 0381	421	26-Mar-14	17-Nov-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	21	21-Jul-15	20-Aug-15
	Substructure	22	20-Aug-15	23-Sep-15
	Superstructure	22	23-Sep-15	23-Oct-15
	Roadway	10	09-Oct-15	23-Oct-15
	Substanatial Completion	0	23-Oct-15	23-Oct-15
	Final Completion Items	16	23-Oct-15	17-Nov-15
	Bridge 36248 - SR 0711	428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Pennsylvania

Rapid Bridge Replacement Project

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Master Schedule - Proposal - Bridge Sum

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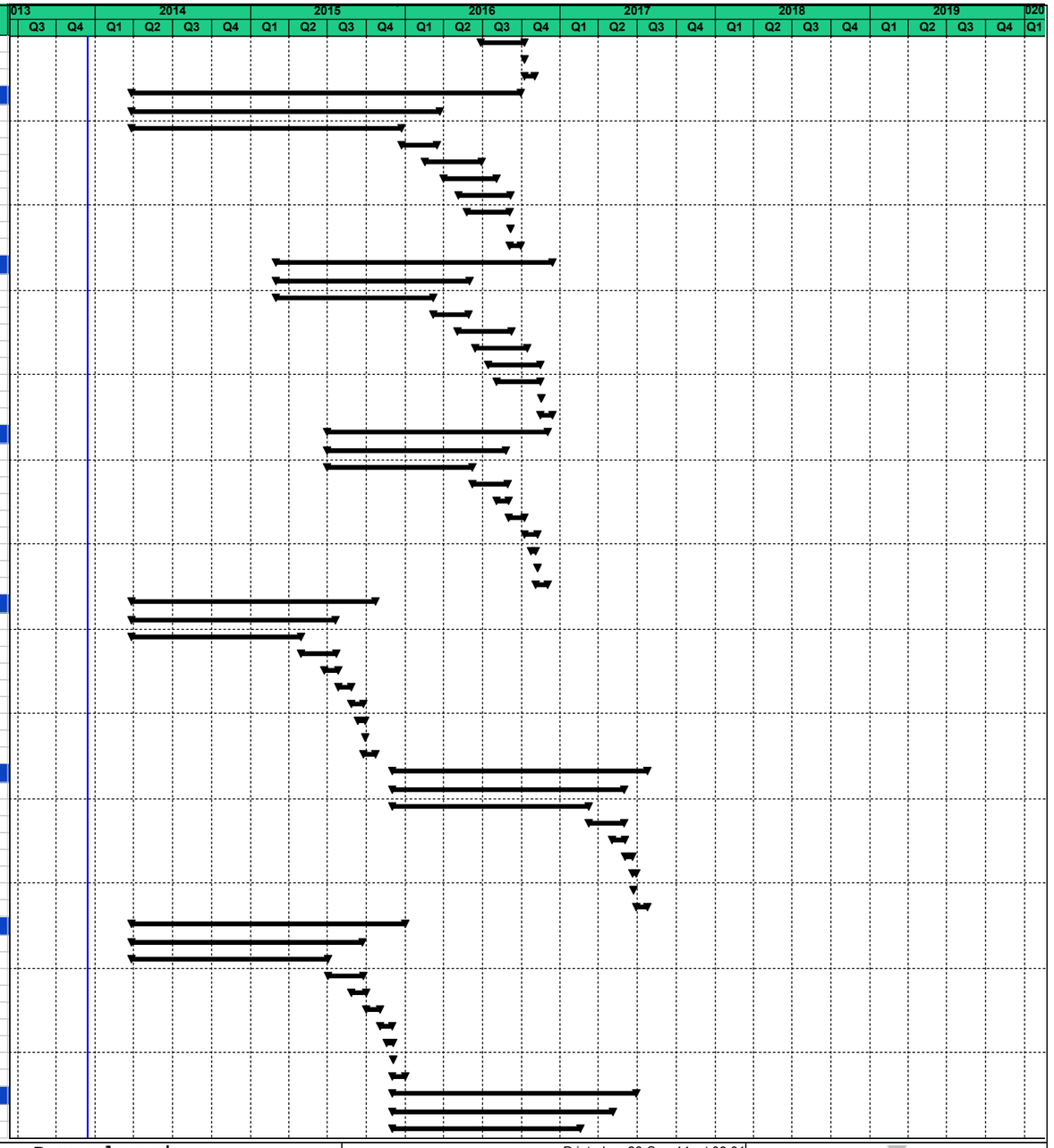
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
	Bridge 36251 - SR 0711	642	26-Mar-14	29-Sep-16
	ROW / Permits / Utilties	508	26-Mar-14	22-Mar-16
	Design, Bid, and Award	456	26-Mar-14	24-Dec-15
	Submittals and Fabrication	60	24-Dec-15	16-Mar-16
	MPT, Demolition, Excavation, Piling	85	17-Feb-16	30-Jun-16
	Substructure	80	01-Apr-16	03-Aug-16
	Superstructure	84	05-May-16	05-Sep-16
	Roadway	70	25-May-16	02-Sep-16
	Substanatial Completion	0	05-Sep-16	05-Sep-16
	Final Completion Items	16	02-Sep-16	29-Sep-16
	Bridge 36331 - SR 0982	456	02-Mar-15	12-Dec-16
	ROW / Permits / Utilties	321	02-Mar-15	01-Jun-16
	Design, Bid, and Award	266	02-Mar-15	08-Mar-16
	Submittals and Fabrication	60	08-Mar-16	30-May-16
	MPT, Demolition, Excavation, Piling	85	02-May-16	08-Sep-16
	Substructure	80	13-Jun-16	14-Oct-16
	Superstructure	86	15-Jul-16	15-Nov-16
	Roadway	73	03-Aug-16	15-Nov-16
	Substanatial Completion	0	16-Nov-16	16-Nov-16
	Final Completion Items	16	15-Nov-16	12-Dec-16
	Bridge 36365 - SR 1004	363	01-Jul-15	01-Dec-16
	ROW / Permits / Utilties	295	01-Jul-15	25-Aug-16
	Design, Bid, and Award	245	01-Jul-15	08-Jun-16
	Submittals and Fabrication	60	08-Jun-16	30-Aug-16
	MPT, Demolition, Excavation, Piling	21	02-Aug-16	01-Sep-16
	Substructure	22	01-Sep-16	07-Oct-16
	Superstructure	21	07-Oct-16	07-Nov-16
	Roadway	9	24-Oct-16	04-Nov-16
	Substanatial Completion	0	07-Nov-16	07-Nov-16
	Final Completion Items	16	04-Nov-16	01-Dec-16
	Bridge 36387 - SR 1017	403	26-Mar-14	22-Oct-15
	ROW / Permits / Utilties	336	26-Mar-14	20-Jul-15
	Design, Bid, and Award	286	26-Mar-14	30-Apr-15
	Submittals and Fabrication	60	30-Apr-15	22-Jul-15
	MPT, Demolition, Excavation, Piling	21	24-Jun-15	27-Jul-15
	Substructure	22	27-Jul-15	27-Aug-15
	Superstructure	20	27-Aug-15	25-Sep-15
	Roadway	11	11-Sep-15	28-Sep-15
	Substanatial Completion	0	28-Sep-15	28-Sep-15
	Final Completion Items	17	25-Sep-15	22-Oct-15
	Bridge 36389 - SR 1017	420	01-Dec-15	24-Jul-17
	ROW / Permits / Utilties	382	01-Dec-15	30-May-17
	Design, Bid, and Award	332	01-Dec-15	09-Mar-17
	Submittals and Fabrication	60	09-Mar-17	31-May-17
	MPT, Demolition, Excavation, Piling	19	03-May-17	02-Jun-17
	Culvert	11	02-Jun-17	20-Jun-17
	Roadway	6	20-Jun-17	28-Jun-17
	Substanatial Completion	0	23-Jun-17	23-Jun-17
	Final Completion Items	16	28-Jun-17	24-Jul-17
	Bridge 36431 - SR 1034	451	26-Mar-14	31-Dec-15
	ROW / Permits / Utilties	381	26-Mar-14	22-Sep-15
	Design, Bid, and Award	332	26-Mar-14	03-Jul-15
	Submittals and Fabrication	60	03-Jul-15	24-Sep-15
	MPT, Demolition, Excavation, Piling	21	27-Aug-15	30-Sep-15
	Substructure	22	30-Sep-15	03-Nov-15
	Superstructure	20	03-Nov-15	02-Dec-15
	Roadway	10	18-Nov-15	03-Dec-15
	Substanatial Completion	0	03-Dec-15	03-Dec-15
	Final Completion Items	17	02-Dec-15	31-Dec-15
	Bridge 36481 - SR 2012	404	01-Dec-15	29-Jun-17
	ROW / Permits / Utilties	365	01-Dec-15	04-May-17
	Design, Bid, and Award	317	01-Dec-15	16-Feb-17



Remaining Level of Effort
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Pennsylvannia

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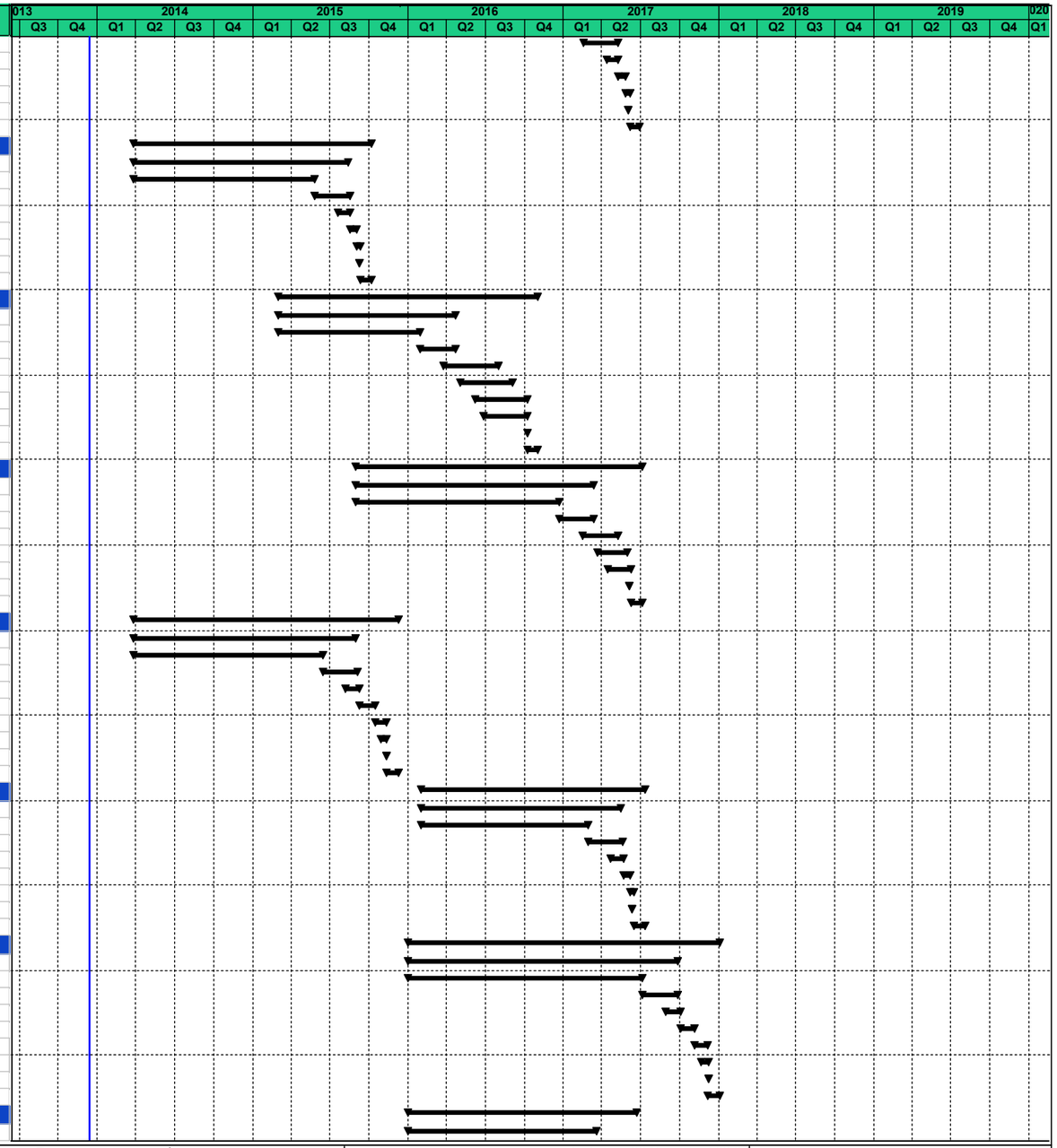
Plenary Walsh Keystone Partners
PROVEN PERFORMANCE. LOCAL PRESENCE.

Activity ID	Activity Name	Original Duration	Start	Finish
	Submittals and Fabrication	60	16-Feb-17	10-May-17
	MPT, Demolition, Excavation, Piling	19	13-Apr-17	10-May-17
	Culvert	11	10-May-17	26-May-17
	Roadway	6	26-May-17	06-Jun-17
	Substanatial Completion	0	02-Jun-17	02-Jun-17
	Final Completion Items	16	06-Jun-17	29-Jun-17
Bridge 36482 - SR 2013		393	26-Mar-14	08-Oct-15
	ROW / Permits / Utilties	354	26-Mar-14	13-Aug-15
	Design, Bid, and Award	305	26-Mar-14	27-May-15
	Submittals and Fabrication	60	27-May-15	18-Aug-15
	MPT, Demolition, Excavation, Piling	19	21-Jul-15	18-Aug-15
	Culvert	11	18-Aug-15	02-Sep-15
	Roadway	6	02-Sep-15	11-Sep-15
	Substanatial Completion	0	08-Sep-15	08-Sep-15
	Final Completion Items	16	11-Sep-15	08-Oct-15
Bridge 36493 - SR 2021		428	02-Mar-15	01-Nov-16
	ROW / Permits / Utilties	294	02-Mar-15	22-Apr-16
	Design, Bid, and Award	239	02-Mar-15	29-Jan-16
	Submittals and Fabrication	60	29-Jan-16	21-Apr-16
	MPT, Demolition, Excavation, Piling	85	24-Mar-16	02-Aug-16
	Substructure	80	04-May-16	02-Sep-16
	Superstructure	85	08-Jun-16	07-Oct-16
	Roadway	72	27-Jun-16	07-Oct-16
	Substanatial Completion	0	07-Oct-16	07-Oct-16
	Final Completion Items	16	07-Oct-16	01-Nov-16
Bridge 36684 - SR 4007		470	01-Sep-15	05-Jul-17
	ROW / Permits / Utilties	391	01-Sep-15	14-Mar-17
	Design, Bid, and Award	341	01-Sep-15	21-Dec-16
	Submittals and Fabrication	60	21-Dec-16	14-Mar-17
	MPT, Demolition, Excavation, Piling	51	14-Feb-17	08-May-17
	Culvert	44	22-Mar-17	31-May-17
	Roadway	36	14-Apr-17	08-Jun-17
	Substanatial Completion	0	05-Jun-17	05-Jun-17
	Final Completion Items	16	08-Jun-17	05-Jul-17
Bridge 36750 - SR 4053		436	26-Mar-14	09-Dec-15
	ROW / Permits / Utilties	367	26-Mar-14	01-Sep-15
	Design, Bid, and Award	318	26-Mar-14	15-Jun-15
	Submittals and Fabrication	60	15-Jun-15	04-Sep-15
	MPT, Demolition, Excavation, Piling	21	07-Aug-15	09-Sep-15
	Substructure	22	09-Sep-15	15-Oct-15
	Superstructure	20	15-Oct-15	12-Nov-15
	Roadway	10	29-Oct-15	12-Nov-15
	Substanatial Completion	0	12-Nov-15	12-Nov-15
	Final Completion Items	16	12-Nov-15	09-Dec-15
Bridge 37037 - SR 8011		370	01-Feb-16	12-Jul-17
	ROW / Permits / Utilties	331	01-Feb-16	16-May-17
	Design, Bid, and Award	280	01-Feb-16	27-Feb-17
	Submittals and Fabrication	60	27-Feb-17	19-May-17
	MPT, Demolition, Excavation, Piling	19	21-Apr-17	22-May-17
	Culvert	11	22-May-17	07-Jun-17
	Roadway	6	07-Jun-17	16-Jun-17
	Substanatial Completion	0	12-Jun-17	12-Jun-17
	Final Completion Items	16	16-Jun-17	12-Jul-17
Bridge 16920 -		512	01-Jan-16	04-Jan-18
	ROW / Permits / Utilties	443	01-Jan-16	26-Sep-17
	Design, Bid, and Award	394	01-Jan-16	06-Jul-17
	Submittals and Fabrication	60	06-Jul-17	27-Sep-17
	MPT, Demolition, Excavation, Piling	21	30-Aug-17	03-Oct-17
	Substructure	22	03-Oct-17	06-Nov-17
	Superstructure	21	06-Nov-17	06-Dec-17
	Roadway	11	21-Nov-17	07-Dec-17
	Substanatial Completion	0	07-Dec-17	07-Dec-17
	Final Completion Items	17	06-Dec-17	04-Jan-18
Bridge 16923 -		378	01-Jan-16	23-Jun-17
	ROW / Permits / Utilties	310	01-Jan-16	20-Mar-17



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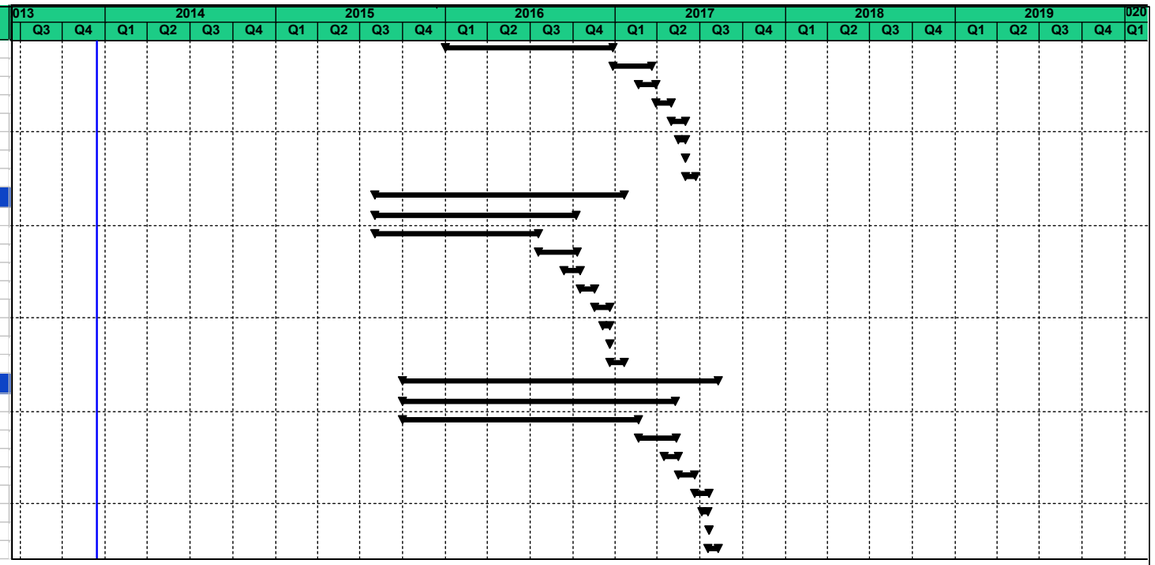
Activity ID	Activity Name	Original Duration	Start	Finish
	Design, Bid, and Award	257	01-Jan-16	27-Dec-16
	Submittals and Fabrication	60	27-Dec-16	20-Mar-17
	MPT, Demolition, Excavation, Piling	21	20-Feb-17	28-Mar-17
	Substructure	22	28-Mar-17	01-May-17
	Superstructure	20	01-May-17	30-May-17
	Roadway	10	16-May-17	31-May-17
	Substanatial Completion	0	31-May-17	31-May-17
	Final Completion Items	17	30-May-17	23-Jun-17
	Bridge 16930 -	374	03-Aug-15	19-Jan-17
	ROW / Permits / Utilties	303	03-Aug-15	07-Oct-16
	Design, Bid, and Award	251	03-Aug-15	19-Jul-16
	Submittals and Fabrication	60	19-Jul-16	10-Oct-16
	MPT, Demolition, Excavation, Piling	21	12-Sep-16	17-Oct-16
	Substructure	22	17-Oct-16	17-Nov-16
	Superstructure	21	17-Nov-16	19-Dec-16
	Roadway	11	05-Dec-16	20-Dec-16
	Substanatial Completion	0	20-Dec-16	20-Dec-16
	Final Completion Items	17	19-Dec-16	19-Jan-17
	Bridge 13897 -	475	01-Oct-15	10-Aug-17
	ROW / Permits / Utilties	409	01-Oct-15	08-May-17
	Design, Bid, and Award	362	01-Oct-15	20-Feb-17
	Submittals and Fabrication	60	20-Feb-17	12-May-17
	MPT, Demolition, Excavation, Piling	21	14-Apr-17	16-May-17
	Substructure	22	16-May-17	20-Jun-17
	Superstructure	21	20-Jun-17	20-Jul-17
	Roadway	9	06-Jul-17	19-Jul-17
	Substanatial Completion	0	20-Jul-17	20-Jul-17
	Final Completion Items	16	19-Jul-17	10-Aug-17



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Proven, Local, Safety and Quality-Driven

delivering

PENNSYLVANIA BRIDGES
Expedited, Sustainable, High-Quality,
and Cost-Effective