

Package Document

Related Packages: [6678 \(Scoping - Approved 04/03/12\)](#)

Funding

Federal Funding? Yes

Federal Oversight? Yes

[Federal Oversight Agreement \(June 2007\)](#)

Type

Is this project being documented as an emergency project? Yes No

Phase: Evaluation

Classification: Categorical Exclusion (Class II)

CE Level: 2

CE Action: 01 02 03 04 05 06 07
 08 09 10 11 12 13 Other [List](#)

Projects

PDOT Project Manager: Susan Williams

Federal Project Number: X045-248-L01E

MPMS Projects

Lead?	Status/Title	District/County	SR/Sec	Description
<input checked="" type="checkbox"/> 75917	Active / NTier Interstate 4R	04 / Susquehanna	0081 / 511	Bridge replacement on I-81 over Susq. Street, Susq. River, Trowbridge Creek in New Milford Boro., Great Bend Boro., New Milford Twp., Great Bend Twp., SR 1029 over I-81, reconstruction on SR 171, SR 8011(Ramps A,B,C, D), Susq. County.

*The last time MPMS data was added or refreshed was on Thursday, 08 March 2018 08:43 AM.

Project Funding & Fiscal Constraint

MPMS	FD \$	ROW \$	UTL \$	CON \$	TIP	L RTP Date
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75917

5,492,990

2,575,000

515,000

60,000,000

FFY 2017 Interstate TIP

2,500,000

2,575,000

618,000

62,000,000

FFY 2019 Interstate TIP

Remarks: The project is fully funded on both the current and future TYP.

For federally funded projects where the construction phase (and if needed, ROW and/or utilities phases) is not programmed on the current TIP, remarks provide a detailed reference to the current LRTP identifying full funding for the project.

"LRTP Date" is the date of the last adopted Long Range Transportation Plan.

Refer to Supplement to January 28, 2008 "Transportation Planning Requirements and Their Relationship to NEPA Process Completion"

Editors

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All District 04 Users

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Package was submitted on Thursday, 08 March 2018 08:44 AM by Amy M Lolli/PennDOT

Table with 3 columns: Email Notify, Reviewed By, Date/Time. Rows include Gregory P Augustine/PennDOT, Susan E Hazelton/PennDOT, and Eastern Region.

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Wed, 03/21/18 03:36 PM

CEES Package Number: 14723

Categorical Exclusion Evaluation

MPMS: 75917

Project: NTier Interstate 4R



SR/Section: 0081 / 511

County: Susquehanna

District: 04

CE Level: 2

CE Action: 01, 03

Created: 04/05/12 by Justin J Marchegiani

Submitted: 05/16/12 by Amy M Lolli

Approved: 03/21/18 by Jonathan Crum

CE Evaluation Part A
General Project Identification & Description

Project Identification

Part A Prepared By: Susan Williams
Amy Lolli
Geoff Gribble

Originating Office: District 04 **Date:** 02/13/08

Federal Project Number: X045-248-L01E

Township/Municipality: New Milford Township, New Milford Borough, Great Bend Township, Great Bend Borough

Local Name: NTier Interstate 4R

Limits of Work (Segment/Offset)

Construction Stations

Start:	End:	Start:	End:
2234/0896 (N)	2320/3954(N)@NY	1974+68.00 (N)	2454+00.00 (N)
2235/0743 (S)	2321/3979(S)@NY	1973+38.00 (S)	2458+57.00 (S)

Total Length: 98,325.6 (NB+SB) ft

Program: 90 - NHPP **Funding:** federal 90 state 10 local 0
10 - 581

Have context sensitive solutions and/or smart transportation strategies been integrated into the project? Yes No

Remarks

Smart transportation strategies have been included in this project.
Advisory signing, updated pavement markings and safety appurtenances have been incorporated into the design of this project including roadway geometry/sight distance improvements.

Date of First Federal Authorization for Preliminary Engineering: 06/01/2009

Date of Federal Authorization Time Extension(s) for Preliminary Engineering (if applicable):

Project Description

Include narrative to describe the general project scope of work.

Attach Location Map(s) and Design Plan (only overview and sheets showing limits of work).

The project is located in New Milford Township/Borough and Great Bend Township/Borough, Susquehanna County, Pennsylvania. This SR 0081 corridor is the primary route for north-south traffic serving a mix of both commuter and through traffic.

The SR 0081 Sec 511 project begins at Mile Marker 223.84, just north of the New Milford Interchange, extends through Exit 230 at Great Bend, and ends at the New York State Border at Mile Marker 232.7. The northbound limits run from Segment 2234 Offset 0422 to Segment 2320 Offset 3954. The southbound limits run from Segment 2235 Offset 0488 to Segment 2321 Offset 3979. The northern limit on both sides would be extended a bit due to MPT.

The Design Year (2045) average daily traffic is expected to be 54,987 vehicles per day with 41% truck traffic. SR 0081 is a divided four-lane, interstate roadway within a rural setting. The terrain is classified as rolling. The majority of the project length has a bifurcated median with a width varying from 60 feet to 120 feet. The posted speed limit is 65 mph.

The reconstruction activities along the interstate, both northbound and southbound, will include the following:

- Entire replacement of the pavement structure
- Replacement of five dual structures and one overpass structure
- Full replacement of the drainage network
- Full replacement of guiderail and barrier
- Full replacement of signing
- Construction along cross streets: Susquehanna Street, SR 0171, and SR 1029 (Randolph Road)
- Varying degrees of rehabilitation work for deteriorated concrete at three box culverts

Project Purpose and Need

Include narrative to describe the project need.

Project Purpose:

To address the pavement, structural, drainage, and ramp length deficiencies, providing a safe and efficient corridor.

Project Need:

The underlying pavement structure is nearly sixty years old.

All structures exceed the allowable limits for Chloride Ion content in reinforced concrete.

The interchange ramps exhibit short acceleration and deceleration lengths and do not meet today's standards.

The age of the storm system has exceeded its shelf life.

Project Setting and Distinct Project Features

Provide narrative to adequately describe the project setting (terrain, locale, land use, presence of bicycle/pedestrian or other unique facilities, etc.) and support the evaluation. Any additional information not otherwise covered by this form that is necessary to clearly understand project circumstances should also be included in this section. Narrative should be appropriate for the complexity of the CEE and project circumstances with the length and content varying accordingly.

Rolling terrain located in a rural area.

How many right-of-way parcels must be acquired for this project? 30

Describe extent and locations of acquisitions.

There will be 30 parcels impacted by the project for a total of 6.40 Acres.

There will be 3.22 Acres acquired for Limited Access Right-of-Way, involving 15 Parcels.

There will be 1.23 Acres acquired for Permanent Slope Easement, involving 18 Parcels.

There will be 0.029 Acres acquired for Permanent Drainage Easement, involving 1 Parcel.

There will be 1.4008 Acres acquired for Temporary Construction Easement, which will involve 4 Parcels.

There will be 0.5797 Acres acquired for Permanent Aerial Easement, which will involve 1 Parcel.

Describe the involvement with utilities with this project.

Generally, minimal to utility impacts with project.

There will be involvement at Susquehanna Street Bridge including aerial utilities.

There will be involvement at SR 81 Bridge over SR 171 including aerial utilities and sanitary sewer.

There will be involvement at SR 1029 (Randolph Road) Bridge over SR 81 including aerial utilities.

There will be involvement at two locations crossing over SR 81 including aerial utilities.

Describe the involvement with any railroad (active or inactive) including all rail lines, crossings, bridges, or signals.

Bridges 57-0081-2304-0904 & 57-0081-2305-0920 are over Central New York Railroad, who leases from Norfolk Southern.

Proposed work includes full replacement of both structures.

Coordination with the RR and RR Flagger will be needed for both removal of existing and installation of the new structures.

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

1. [Location Map - SR 81 Sec 511 7.pdf](#) (339KB / 0.3MB)
2. [SR 81 Section 511 New Milford-Hallstead.pdf](#) (4367KB / 4.3MB)
3. [SR 81 SEC 511 Susquehanna River Bridge CAUSEWAY.pdf](#) (2043KB / 2MB)
4. [09- I-81 LARGE AERIAL OVERALL 250 A-\(30x66\).pdf](#) (4218KB / 4.1MB)
5. [10- I-81 LARGE AERIAL OVERALL 250 B-\(30x68\).pdf](#) (4506KB / 4.4MB)
6. [11-I-81 LARGE AERIAL OVERALL 250 C-\(30x66\).pdf](#) (3934KB / 3.8MB)
7. [SR 81-511 Summary of Structure Info \(BMS\).pdf](#) (85KB / 0.1MB)

CE Evaluation Part A
Engineering Information

Design Criteria

Roadway Description: SR 81: Segment 2234 and Offset 0896 to Segment 2320 and Offset 3954

Functional Classification: Freeways/Expressways/Interstates Urban Rural

Current ADT: 27,168 (2017)

Design Year No-Build / Build ADT, as well as Current / Future Build LOS, is only necessary when PM2.5 hot spot analysis is required.

If PM2.5 hot spot analysis is not needed (see exempt project list in Air Quality Handbook, Pub #321), "N/A" can be entered for these values.

Design Year No-Build ADT: 54,987 (2045)

Current LOS: N/A

Design Year Build ADT: 54,897 (2045)

Future Build LOS: N/A

DHV: 0

Truck %: 41

D (Directional Distribution) %: 55

Design Speed: 70 mi/h

Posted Speed: 65 mi/h

Pavement Width: 24 ft

Shoulder Width: 12-14' Outside; 8' Inside ft

Clear Zone: 30 ft

Median Width: Varies ft

Design Exception Required? Yes No

If "Yes", explain.

A design exception will be required for two separate elements relating to emergency median crossovers. One design element requires a design exception due to the slightly narrow median width is the reason the crossover cannot be installed per DM-2 Standard.

The other design element requires a design exception due to the one crossover at the NY state does not meet the distance requirement for speed change taper and dual spacing crossover at a state line. A separate report has been reviewed and approved.

Typology: Regional Arterial – Rural

Topography: Level Rolling Mountainous

Traffic Control Measures

The following traffic control measures will be implemented:

- Temporary Bridge(s)
- Temporary Roadway
- Detour
- Ramp Closure
- Other (specify)
- None

Other Description: Phased construction with temp cross overs. Temp Signals for SR 1029 (Randolph Rd)

If any of the above traffic control measures will be implemented, indicate the following conditions.

- Provisions for access by local traffic will be made and so posted. True False
- Through-traffic dependent business will not be adversely affected. True False
- There will be no interference with any local special event or festival. True False
- There will be no substantial environmental consequences associated with the traffic control measure(s). True False
- There is no substantial controversy associated with the traffic control measure(s). True False
- There are no substantial impacts to bicycle or pedestrian routes. True False
- An alternate, ADA compliant bicycle/pedestrian access route is available. True False

If the answer to any of the above questions was "False", please explain.

Detours should be clearly shown on the map and described, including provisions for pedestrians, bicycles, disabled and the elderly.

Approximate length of planned detour: 6.5 Miles Detour Map

Make the selection that best describes the planned detour:

- Detour will use local roads with no improvements.
- Detour will involve improvements to local roads with no resulting impacts on safety or the environment.
- Detour will involve improvements to local roads and will impact safety and/or the environment.
- Detour will use only state owned roads.

Describe impacts

One detour is anticipated, for the Susquehanna Street Bridge Replacement.
Susquehanna Street is a Borough Street.
The Detour will utilize routes US Route 11, PA Route 492, SR 1012 (East Lake Road), Foote Road, and Camp Road.

Estimated Costs

Engineering: \$ 11,458,937 Right-of-Way: \$ 1,000,000 Construction: \$ 159,000,000 Utilities: \$ 100,000

Additional Information

Remarks, Footnotes, Supplemental Data

See Public Meeting Display (Detour) attached to the Public Involvement Section

Attachments

1. [09-SR 81-511 Susq Street Detour Map \(22x34\).pdf](#) (449KB / 0.4MB)

CE Evaluation Part A

Roadway

No roadways included with this project

Roadway Description

Full Reconstruction Project SR 0081, Section 511 Northbound - Segment 2234, Offset 0896 to Segment 2320, Offset 3954

	Existing	Proposed
Number of Lanes:	2	2
Pavement Width:	24 ft	24 ft
Shoulder Width:	8-10 ft Outsd; 8 ft insd ft	12-14 ft Outsd; 8 ft Insd ft
Median Width:	Varies ft	Varies ft
Sidewalk Width:	(N/A) ft	(N/A) ft
Clear Zone:	Varies ft	30 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Roadway

No roadways included with this project

Roadway Description

Full Reconstruction Project SR 0081, Section 511 Southbound - Segment 2235, Offset 0735 to Segment 2321, Offset 3979

	Existing	Proposed
Number of Lanes:	2	2
Lane Width:	24 ft	24 ft
Shoulder Width:	8-10 ft Outsd; 8 ft Insd ft	12-14 ft Outsd; 8 ft Insd ft
Median Width:	Varies ft	Varies ft
Sidewalk Width:	N/A ft	N/A ft
Bicycle Lane Width:	N/A ft	N/A ft
Clear Zone Width:	Varies ft	30 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A Structure

No structures included with this project

BMS Number: 57-0081-2240-2600

BRKEY: 32205

Description: (provide name of waterway or facility structure crosses)

Northbound: SR 81 over SUSQUEHANNA STREET

Full Replacement - Single Span

	Existing	Proposed
Structure Type:	Concrete T-Beam	Precast Concrete Arch on CIP RC Ftg & Ped Walls
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	42'-7" ft	N/A (Arch) ft
Lane Width:	12 ft	12 ft
Shoulder Width:	11 Rt; 7 Lt ft	8 ft LT; 12 ft RT ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	46 ft	32 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	16 ft	16'-6" ft
Lateral Clearance:	N/A ft	N/A ft
Structure Length:	36-9" ft	180 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2245-0000

BRKEY: 32206

Description: (provide name of waterway or facility structure crosses)

Southbound: SR 81 over SUSQUEHANNA STREET

Full Replacement - Single Span

Existing

Proposed

Structure Type:

Concrete T-Beam

Precast Concrete Arch on CIP RF Ftg with
Ped Walls

Weight Restrictions: None ton

None ton

Height Restrictions: None ft

None ft

Curb to Curb Width: 42-7" ft

N/A (Arch) ft

Lane Width: 12 ft

12 ft

Shoulder Width: 11Rt; 7 Lt ft

8 ft LT; 12 ft Rt ft

Sidewalk Width: N/A ft

N/A ft

Total Bridge Width*: 46 ft

32 ft

***Total Bridge Width is measured from outside of barrier to outside of barrier,
which should include sidewalks, when present.**

Under Clearance: 16 ft

16.5 ft

Lateral Clearance: N/A ft

N/A ft

Structure Length: 36-9" ft

180 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2304-0904

BRKEY: 32212

Description: (provide name of waterway or facility structure crosses)

Northbound: SR 81 over Central New York Railroad

Full Replacement - Single Span

	Existing	Proposed
Structure Type:	P/S Concrete Adj Box Beams	Precast Concrete Arch on CIP RF Ftg with Ped Walls
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	48 ft	N/A (Arch) ft
Lane Width:	12 ft	12 ft
Shoulder Width:	5 Lt; 7 Rt ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	51-6" ft	48 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	23-11" ft	23'-2" ft
Lateral Clearance:	18.3 ft	16.0 ft
Structure Length:	136 ft	150 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2305-0920

BRKEY: 32214

Description: (provide name of waterway or facility structure crosses)

Southbound: SR 81 over Central New York Railroad

Full Replacement - Single Span

	Existing	Proposed
Structure Type:	Steel I-Beam	Precast Concrete Arch on CIP RF Ftg with Ped Walls
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	42 ft	N/A (Arch) ft
Lane Width:	12 ft	12 ft
Shoulder Width:	7 Lt; 11 Rt ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	45-6" ft	48 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	23'-8" ft	23'-2" ft
Lateral Clearance:	18 ft	16.33 ft
Structure Length:	136-1" ft	150 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2300-1054

BRKEY: 32209

Description: (provide name of waterway or facility structure crosses)

Northbound: SR 81 over SR 1010 & SUSQUEHANNA RIVER

Full Replacement - 4-Span

	Existing	Proposed
Structure Type:	Riveted Steel I-Beam Stringer	P/S Concrete Bulb-Tee Beams on Stub Abut
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	34 ft	56 ft
Lane Width:	12 ft	12 ft
Shoulder Width:	5 ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	37.5 ft	59.33 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	15-4" ft	17.75 ft
Lateral Clearance:	N/A ft	N/A ft
Structure Length:	669.5 ft	710 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2304-0000

BRKEY: 32211

Description: (provide name of waterway or facility structure crosses)

Northbound: SR 81 over SR 0171 - at EXIT 230 Interchange

Full Replacement - Single Span

	Existing	Proposed
Structure Type:	3-Span P/S Concrete Spread & Adj Box Beams	P/S Concrete Bulb Tee Beams on Full Height Abut
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	41 ft	44 ft
Lane Width:	12 ft	12 ft
Shoulder Width:	6-6" Lt; 10-6" Rt ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	45.5 ft	47.33 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	14-9" ft	17.5 ft
Lateral Clearance:	6.2 ft	14.5 ft
Structure Length:	135-1" ft	87 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2314-0961

BRKEY: 32215

Description: (provide name of waterway or facility structure crosses)

Northbound: SR 81 over Trowbridge Creek

Full Replacement - Single Span

	Existing	Proposed
Structure Type:	P/S Concrete Adj Box Beam	P/S Conc Bulb Tee Beams on Integral Abut
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	42-6" ft	44 ft
Lane Width:	12 ft	12 ft
Shoulder Width:	6-3" Lt; 10-3" Rt ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	46 ft	47.33 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	7.3 ft	7.6 ft
Lateral Clearance:	N/A ft	N/A ft
Structure Length:	79.5 ft	109 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2305-0000

BRKEY: 32213

Description: (provide name of waterway or facility structure crosses)

Southbound: SR 81 over SR 0171 at EXIT 230 Interchange

Full Replacement - Single Span

	Existing	Proposed
Structure Type:	P/S Concrete Spread Box Beam	P/S Concrete Bulb Tee Beams on Full Height Abut
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	41 ft	44 ft
Lane Width:	12 ft	12 ft
Shoulder Width:	6-6" Lt; 10-6" Rt ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	45-6" ft	47.33 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	14-9" ft	17.5 ft
Lateral Clearance:	6.25 ft	14.5 ft
Structure Length:	135-1" ft	82 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2301-1035

BRKEY: 32210

Description: (provide name of waterway or facility structure crosses)

Southbound: SR 81 over SR 1010 & SUSQUEHANNA RIVER

Full Replacement - 4-Span

	Existing	Proposed
Structure Type:	Riveted Steel I-Beam	P/S concrete Bulb Tee Beams on Stub Abut
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	34 ft	56 ft
Lane Width:	12 ft	12 ft
Shoulder Width:	5 ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	37-6" ft	59.33 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	15.33 ft	17.75 ft
Lateral Clearance:	N/A ft	NA ft
Structure Length:	669-6" ft	710 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Under Clearance measurements were taken with respect to Harmony Road.

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-0081-2315-0890

BRKEY: 32216

Description: (provide name of waterway or facility structure crosses)

Southbound: SR 81 over Trowbridge Creek

Full Replacement - Single Span

	Existing	Proposed
Structure Type:	P/S Concrete Spread Box Beam	P/S Conc Bulb Tee Beams on Integral Abut
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	42-6" ft	Varies 56 to 56.33 ft
Lane Width:	12 ft	12 ft
Shoulder Width:	9-9" Rt; 8-8" Lt ft	8 Lt; 12 Rt ft
Sidewalk Width:	N/A ft	N/A ft
Total Bridge Width*:	46 ft	Varies 56.33 to 59.75 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	7.8 to 9 ft	8.8 ft
Lateral Clearance:	N/A ft	N/A ft
Sufficiency Rating:	97	
Structure Length:	81 ft	104 ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number: 57-1029-0010-1051

BRKEY: 32453

Description: (provide name of waterway or facility structure crosses)

SR 1029 (Randolph Road) over SR 81

Full Replacement - 2-Span

	Existing	Proposed
Structure Type:	Steel I-Beam	P/S Conc Bulb Tee Beams on Full Height Abut
Weight Restrictions:	None ton	None ton
Height Restrictions:	None ft	None ft
Curb to Curb Width:	28 ft	35.0 ft
Lane Width:	10.0 ft	10.0 ft
Shoulder Width:	4.0 ft	7'-6" ft
Sidewalk Width:	5.0 ft	N/A ft
Total Bridge Width*:	37.0 ft	38.33 ft
	*Total Bridge Width is measured from outside of barrier to outside of barrier, which should include sidewalks, when present.	
Under Clearance:	16.33 ft	16.56 ft
Lateral Clearance:	N/A ft	N/A ft
Sufficiency Rating:	94	
Structure Length:	194 ft	152'-7" ft

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part B, Section A-1
Environmental Evaluation Subject Areas (Aquatic Resources)

Federal Project Number: X045-248-L01E

1. AQUATIC RESOURCES

	PRESENCE	IMPACTS²
STREAMS, RIVERS & WATERCOURSES¹	<input type="radio"/> Not Present <input checked="" type="radio"/> Present	
Intermittent (streams only)	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Perennial	<input type="radio"/> Not Present <input checked="" type="radio"/> Present	<input type="radio"/> No <input checked="" type="radio"/> Yes
Wild trout streams	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Stocked trout streams	<input type="radio"/> Not Present <input checked="" type="radio"/> Present	<input type="radio"/> No <input checked="" type="radio"/> Yes

Identify all streams and their classifications per Chapter 93 of 25 PA Code (e.g. CWF, WWF, HQ, EV)

Smith Creek - HQ-CWF-MF - not wild, --- TROUT STOCKED
Salt Lick Creek - HQ-CWF-MF - not wild, --- TROUT STOCKED
Susquehanna River - WWF-MF, not wild, not stocked
Trowbridge Creek - CWF-MF, not wild, not stocked

Linear feet of Streams permanently impacted: 0

Describe Any Permanent Impacts

None.

Describe Any Temporary Impacts

Temporary impacts anticipated to the streams are:

Smith Creek - 270 Linear Feet
Salt Lick Creek - 60 Linear Feet
Trowbridge Creek - 240 Linear Feet

Is mitigation incorporated? No Yes

Project Specific Restoration/Enhancement: *linear feet*

Advanced Compensation/Banking: *linear feet*

Other:

Mitigation Remarks

The project will have an in Stream restricted period for STOCKED TROUT.
TROUT STOCKED in stream work restriction from March 1 to June 15 on any calendar year.

Remarks

PRESENCE

IMPACTS²

FEDERAL WILD & SCENIC RIVERS & STREAMS¹

Not Present Present

No Yes

Remarks

None

PRESENCE

IMPACTS²

STATE SCENIC RIVERS & STREAMS¹

Not Present Present

No Yes

Remarks

None

PRESENCE

IMPACTS²

NAVIGABLE WATERWAYS¹

Not Present Present

Coast Guard Navigable

Not Present Present

No Yes

PFBC Water Trail

Not Present Present

No Yes

Recreational Boating Waterway

Not Present Present

No Yes

Documentation³

PFBC Aids to Navigation Plan

Coast Guard Coordination

Describe Any Permanent and Temporary Impacts

Susquehanna River - There are only Temporary Impacts anticipated due to the installation of a temporary causeway to accommodate pier construction.

An ATON Plan will be incorporated into the bid package.

Temporary impacts anticipated to the river are: 610 Linear Feet.

Due to the tidally-influenced navigable waterway, USCG coordination will be conducted during Final Design.

Is mitigation incorporated?

No Yes

Remarks

None

PRESENCE

IMPACTS²

OTHER SURFACE WATERS¹

Not Present Present

Remarks

None

PRESENCE

IMPACTS²

GROUNDWATER RESOURCES¹

Not Present Present

State, County, Municipal or
Local Public Supply Wells

Not Present Present

No Yes

Residential Well

Not Present Present

No Yes

Well Head Protection Area

Not Present Present

No Yes

Springs, Seeps

Not Present Present

No Yes

Potable Water Source

Not Present Present

No Yes

Sole Source and/or
Exceptional Value Aquifers

Not Present Present

No Yes

Describe Any Permanent and Temporary Impacts

None.

Is mitigation incorporated?

No Yes

Remarks

None.

PRESENCE

IMPACTS²

WETLANDS¹

Not Present Present

Open Water

Not Present Present

No Yes

Vegetated

Emergent

Not Present Present

No Yes

Scrub Shrub

Not Present Present

No Yes

Forested

Not Present Present

No Yes

Exceptional Value

Not Present Present

No Yes

Documentation³

Data Forms

Wetland Identification and Delineation Report

- Conceptual Mitigation Plan
- 404 (b)(1) Alternative Analysis
- Jurisdictional Determination
- Functional Assessment Analysis

Methodology

Refer to methodology listed on page 1 of the Final Wetland ID and Delineation Report (dated Nov. 2014).

Number of Wetlands permanently impacted: 36

Acreage of Wetlands permanently impacted: .27

Describe Any Permanent Impacts

The permanent impacts result from the construction of the following:

Rock aprons, rock chutes, headwalls, swale re-grading, single face concrete barrier & fill slopes.

Describe Any Temporary Impacts

None.

Is mitigation incorporated? No Yes

Project Specific Replacement/Construction: .27 acres

Banking: acres

Bank to be Debited:

Restoration: acres

Preservation: acres

In-Lieu Fee: whole dollars

Other:

Mitigation Remarks

At this time, the plan is to construct a mitigation site at the NW Quadrant of the Exit 230 Interchange infield.

Executive Order 11990 Compliance

Compliance requires the determination that there is no practicable alternative to the proposed construction in wetlands and the proposed action includes all practicable measures to minimize harm to wetlands which may result from such use.

Options/design modifications were investigated to avoid impacts to wetlands: Yes No N/A

There are no practicable alternatives to construction within the wetlands: Yes No N/A

Alternative chosen (proposed project) includes all practicable measures to minimize harm to wetlands: Yes No N/A

If the answer to any of the above three questions is No, provide an explanation in the Remarks Section below.

Remarks

None.

PRESENCE

IMPACTS²

COASTAL ZONE¹

Not Present Present

No Yes

Remarks

None.

PRESENCE

IMPACTS²

FLOODPLAINS¹

Not Present Present

No Yes

No significant floodplain encroachment would occur.

If, after consultation with FHWA, it is concluded that there will be significant floodplain encroachment, a floodplain finding is required, and an EIS or EA will need to be prepared because a CEE is not an appropriate level of NEPA documentation. Significant floodplain encroachment is defined in DM-1B.

Describe Any Permanent and Temporary Impacts

Susquehanna River - no permanent impacts anticipated, only temporary impacts due to installation of E&S Measures.
Trowbridge Creek - no permanent impacts anticipated, only temporary impacts due to installation of E&S Measures.

Is mitigation incorporated? No Yes

Remarks

None.

SOIL EROSION & SEDIMENTATION¹

Are there activities that could cause erosion or sedimentation and would require E&S Controls? Yes No N/A

Documentation³

- Coordination w/County Conservation District
- E&S Control Plan
- NPDES Stormwater Construction Permit

Is mitigation incorporated?

No Yes

Remarks

All earth disturbed during construction will be stabilized at the completion of the project.
Any TCE areas will be restored to original or better condition upon project completion.

- 1 If the resource is not present, do not complete the remainder of this subject area.**
 - 2 If the resource is present but no impacts are anticipated, describe in Remarks why there will be no impact. If there will be no impact because avoidance/mitigation measures will be included, describe those in the mitigation text box provided.**
 - 3 Unless required as an attachment, documentation for subject areas should be maintained in the project's Technical Support Data and does not need to be submitted with the CEE.**
-

Additional Information

Remarks, Footnotes, Supplemental Data

None.

Attachments

1. [USGS Map 1of2.pdf](#) (710KB / 0.7MB)
2. [USGS Map 2of2.pdf](#) (326KB / 0.3MB)
3. [SR 81-511 Wetland Impacts Tabulation.pdf](#) (100KB / 0.1MB)

CE Evaluation Part B, Section A-2
Environmental Evaluation Subject Areas (Land)

2. LAND

	PRESENCE	IMPACTS²
AGRICULTURAL RESOURCES¹	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	
Productive Agricultural Land	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Agricultural Security Areas	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Prime Agricultural Land	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Agricultural Conservation Easements	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Farmland Enrolled in Preferential Tax Assessments	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Agricultural Zoning	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Soil Capability Classes I, II, III, IV	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Prime or Unique Soil	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Statewide or Locally Important Soils	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes

Documentation³

- Farmland Assessment Report
- ALCAB Approval
- Agricultural Land Preservation Policy Conformance Statement
- Form AD-1006 - Farmland Conversion Impact Rating
- Coordination with County Tax Assessor

Describe Any Permanent and Temporary Impacts

Is mitigation incorporated? No Yes

Describe Mitigation

Remarks

Farmlands adjacent to interstate, however they are outside the project footprint. No impacts anticipated.

	PRESENCE	IMPACTS²
VEGETATION¹	<input type="radio"/> Not Present <input checked="" type="radio"/> Present	
Landscaped	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Agricultural	<input type="radio"/> Not Present <input checked="" type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Forest Land	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Rangeland	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes

Other (describe in remarks)

Not Present Present

No Yes

Describe Any Permanent and Temporary Impacts

No impacts.

Invasive Non-Native Plants are Present

Mitigation:

Are measures being taken to minimize movement of invasive plant parts (roots, tubers, seeds)? Yes No

Will native plants be used in project landscaping or mitigation? Yes No **If Yes, explain in Describe Mitigation.**

Other? Yes No **If Yes, explain in Describe Mitigation.**

Describe Mitigation

None.

Remarks

N/A

PRESENCE

IMPACTS²

GEOLOGIC RESOURCES¹

Not Present Present

DCNR Heritage Geology Site

Not Present Present

No Yes

Other (describe in remarks)

Not Present Present

No Yes

Describe Any Permanent and Temporary Impacts

Is mitigation incorporated? No Yes

Describe Mitigation

Remarks

N/A

PRESENCE

IMPACTS²

PARKS & RECREATION FACILITIES¹

Not Present Present

National

Not Present Present

No Yes

State

Not Present Present

No Yes

Local Not Present Present
Other (describe in remarks) Not Present Present

No Yes
 No Yes

If any Impacts are "Yes", a Section 4(f) Evaluation may be needed.

Were any of the impacted properties acquired through the use of Land and Water Conservation or Project 70 funds? Yes No

Documentation³

- Section 6(f) Documentation
- Coordination with NPS/DCNR (LWCF)
- Coordination with PA General Assembly/DCNR (Project 70)

Describe Any Permanent and Temporary Impacts

Is mitigation incorporated? No Yes

Describe Mitigation

Remarks

N/A

	PRESENCE	IMPACTS²
FOREST & GAMELANDS¹	<input type="radio"/> Not Present <input checked="" type="radio"/> Present	
National Forests	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
State Forests	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
State Gamelands	<input type="radio"/> Not Present <input checked="" type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes

If any Impacts are "Yes", a Section 4(f) Evaluation may be needed.

Acreage of National/State Forests permanently impacted:

Number of State Gamelands permanently impacted:

Acreage of State Gamelands permanently impacted:

Describe Any Permanent and Temporary Impacts

SGL 35 present - No temporary or permanent impacts are anticipated.

Is mitigation incorporated? No Yes

State Gameland Project Specific Replacement: *acres*

State Gameland Banking: *acres*

State Gameland Bank to be Debited:

State Gameland Other:

State Gameland Mitigation Remarks

National/State Forest Mitigation Remarks

Remarks

State Game Lands number 35 is present along the north bound travel lane. No impacts are anticipated.

	PRESENCE	IMPACTS²
WILDERNESS, NATURAL & WILD AREAS¹	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	
Federal Wilderness Areas	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Federal Natural or Wild Areas	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
State Natural or Wild Areas	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes
Private Natural Areas	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes

If any Impacts are "Yes", a Section 4(f) Evaluation may be needed.

Describe Any Permanent and Temporary Impacts

Is mitigation incorporated? No Yes

Describe Mitigation

Remarks

N/A

	PRESENCE	IMPACTS²
NATIONAL NATURAL LANDMARKS¹	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	<input checked="" type="radio"/> No <input type="radio"/> Yes

Documentation³

National Park Service Coordination Letter

Describe Any Permanent and Temporary Impacts

Is mitigation incorporated? No Yes

Describe Mitigation

Remarks

N/A

PRESENCE

IMPACTS²

HAZARDOUS OR RESIDUAL WASTE SITES¹

Not Present Present

No Yes

Documentation³

- Phase I
- Phase II
- Phase III
- Other
- No Documentation Required

Describe Any Permanent and Temporary Impacts

Is remediation/mitigation incorporated? No Yes Unknown at this time

Describe Remediation/Mitigation

Remarks

Gas stations present at Great Bend Exit, however outside project footprint. No impacts are anticipated to either facility. No further studies required.

- 1 If the resource is not present, do not complete the remainder of this subject area.**
- 2 If the resource is present but no impacts are anticipated, describe in Remarks why there will be no impact. If there will be no impact because avoidance/mitigation measures will be included, describe those in the mitigation text box provided.**
- 3 Unless required as an attachment, documentation for subject areas should be maintained in the project's Technical Support Data and does not need to be submitted with the CEE.**

Additional Information

Remarks, Footnotes, Supplemental Data

N/A

Attachments

CE Evaluation Part B, Section A-3
Environmental Evaluation Subject Areas (Wildlife)

3. WILDLIFE

	PRESENCE	IMPACTS²
WILDLIFE & HABITAT¹	<input checked="" type="radio"/> Not Present <input type="radio"/> Present	
Remarks		

	PRESENCE	IMPACTS²
THREATENED & ENDANGERED PLANTS & ANIMALS¹	<input type="radio"/> Not Present <input checked="" type="radio"/> Present <input type="radio"/> No Coordination Needed	<input type="checkbox"/> No Potential Impacts <input type="checkbox"/> Potential Impacts with Avoidance Measures <input checked="" type="checkbox"/> Potential Impacts with Conservation Measures <input type="checkbox"/> Potential Impacts

Reviews, concurrences and approvals for Threatened and Endangered Species searches/coordination are time sensitive. If the coordination is greater than two years old, a new coordination effort will be required with the commenting/review agency(s).

Documentation

PNDI ER Receipt

Agency Documentation

- PFBC Correspondence
- PGC Correspondence
- DCNR Correspondence
- USFWS Correspondence

Describe Avoidance Measures to be Implemented

Describe Planned Conservation Measures to be Implemented

PNDI attached. Conservation Measure with PA Fish and Boat Commission for --- ELKTOE Mussel Species --- PA Fish Commission wanted to be kept updated about schedule for project with respect to construction of new bridge over Susquehanna River. They wanted to have ability to schedule if possible a mussel relocation project. Remove and relocate mussels that would be impacted by bridge / causeway construction in Susquehanna River.

Describe Other Mitigation

Remarks

Coordinate project design with PA Fish and Boat Commission with respect to work in Susquehanna River.

-
- 1 If the resource is not present, do not complete the remainder of this subject area.
 - 2 If the resource is present but no impacts are anticipated, describe in Remarks why there will be no impact. If there will be no impact because avoidance/mitigation measures will be included, describe those in the mitigation text box provided.
 - 3 Unless required as an attachment, documentation for subject areas should be maintained in the project's Technical Support Data and does not need to be submitted with the CEE.
-

Additional Information

Remarks, Footnotes, Supplemental Data

N/A

Attachments

1. [project_receipt_i_81_sec_511_bridges_633336_FINAL_1-signed.pdf](#) (1190KB / 1.2MB)
2. [project_receipt_i_81_reconstruction_proje_627606_FINAL_1-signed.pdf](#) (1342KB / 1.3MB)

CE Evaluation Part B, Section A-4
Environmental Evaluation Subject Areas (Cultural Resources)

4. CULTURAL RESOURCES

Were Cultural Resource Professionals (CRPs) needed for project scoping? Yes No

CRP Scoping Field View Date: 04/01/08

CRP Architectural Historian in Attendance: Kris Thompson

CRP Archaeologist in Attendance: Kevin Mock

Was a Project Early Notification / Scoping Results Form completed? Yes No

For projects exempted from further Section 106 review under Appendix C of the Statewide Section 106 Programmatic Agreement, determine whether eligible resources are present for application of Section 4(f).

Is the project exempted from review by the District Designee or CRP as per Appendix C of the Statewide Section 106 Programmatic Agreement? Yes No

Is the project exempted from review by the District Designee or CRP as per Stipulation III of the Emergency Relief Projects Programmatic Agreement (2005)? Yes No

	<u>PRESENCE</u>				<u>LEVEL OF EFFECTS</u>		
	Not Present	Potentially Eligible Resource Present	Eligible Resource Present	Listed Resource Present	No Historic Properties Affected	No Adverse Effect	Adverse Effect
CULTURAL RESOURCES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Archaeology</u>							
Pre-Contact:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact Native American:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Historic:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Above-Ground Historic Properties</u>							
Structure/Building:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
District:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Documentation

Conclusion of Section 106 consultation must be documented in the following ways:

For projects having an adverse effect, one of the following:

- Executed Memorandum of Agreement (MOA)
- Executed Letter of Agreement (LOA)

For projects *not having a known adverse effect*, one from *each* column:

Above-Ground Historic Properties

- Above-Ground Historic Properties Field Assessment and Finding
- Above-Ground Historic Properties Finding Letter
- Section 106 (Above-Ground Historic Properties) Effect Concurrence Letter
- TE Project Field Assessment and Finding Checklist

Archaeology

- Archaeology Field Assessment and Finding
- Archaeology Finding Letter
- Section 106 (Archaeology) Effect Concurrence Letter
- TE Project Field Assessment and Finding Checklist
- Deferred Archaeological Testing Form
- Project Specific Programmatic Agreement

Supplemental documentation should be completed as warranted:

- Historic Structures Survey / Determination of Eligibility Report
- Phase Ia Archaeological Sensitivity Report
- Geomorphological Survey Report
- Archaeological Disturbance Report
- Archaeology Identification (Phase I) Report
- Archaeology Negative Survey Form
- Archaeology Evaluation (Phase II) Report
- Combined Archaeology Identification/Evaluation Report
- Determination of Effects Report
- (Bridge) Feasibility Report
- Other **(describe in remarks)**

Include Section 106 Public Involvement in Part B, Section C, Public Involvement.

Describe Any Permanent and Temporary Impacts

Are mitigation and/or standard treatments required? No Yes

Describe Mitigation / Standard Treatments

no construction vehicles or staging of equipment on Property 42: 'Deborah L. K. Guy and Robert Guy' Property without prior coordination with the District Archaeologist. If we are replacing the ROW fence, then we should have some commitment that the fence would have to be replaced from within the existing ROW.

Remarks

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

1. [Susquehanna-75917-PHMC final report comments.pdf](#) (483KB / 0.5MB)

CE Evaluation Part B, Section A-5
Environmental Evaluation Subject Areas (Section 4(f) Resources)

5. SECTION 4(f) RESOURCES

PRESENCE

USE¹

SECTION 4(f) RESOURCES

Not Present Present

No Yes

Remarks

- 1 If the resource is present but no use is anticipated, describe in Remarks why there will be no use. If there will be no use because avoidance/mitigation measures will be included, describe those in the mitigation text box provided.
 - 2 Unless required as an attachment, documentation for subject areas should be maintained in the project's Technical Support Data and does not need to be submitted with the CEE.
-

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

6. AIR QUALITY AND NOISE

AIR QUALITY

Is the project exempt from regional ozone conformity analysis and a CO, PM10 & PM2.5 Hot-Spot analysis? Yes No

See exempt project list in Air Quality Handbook, Pub #321.

If Yes, the system skips the next few questions.

Mobile Source Air Toxics (MSATs)

Is the project exempt from an analysis for MSATs based on Pub #321? Yes No

See Air Quality Handbook, Pub #321, for exemptions.

If Yes, the system skips the remainder of this section.

Air Quality Remarks

NOISE

1. Is the project a:

Reference PennDOT Pub #24 for additional information on Type I, II and III Projects.

A. Type I Project? Yes No

B. Type II Project? Yes No

C. Type III Project? **If Yes, the system skips questions 2 and 3.** Yes No

- The project meets the criteria for a Type III project established in 23 CFR 772. Therefore, the project requires no analysis for highway traffic noise impacts. Type III projects do not involve added capacity, construction of new through lanes or auxiliary lanes, changes in the horizontal or vertical alignment of the roadway or exposure of noise sensitive land uses to a new or existing highway noise source. PennDOT acknowledges that a noise analysis is required if changes to the proposed project result in reclassification to a Type I project.

Noise Remarks

No increase in noise levels are expected due to project.

Additional Information

Remarks, Footnotes, Supplemental Data

None.

Attachments

1. [SR 81-511 FHWA Type III noise project determination_2017-09-18.pdf](#) (453KB / 0.4MB)

CE Evaluation Part B, Section A-7
Environmental Evaluation Subject Areas (Socioeconomic Areas)

Where mitigation is incorporated for socioeconomic impacts, the mitigation commitment(s) should be documented on the Part B, Section E page.

REGIONAL & COMMUNITY GROWTH

Will the project induce impacts (positive and negative) on planned growth, land use, or development patterns for the area? Yes No

If Yes, explain.

N/A

Is the project consistent with planned growth? Yes No

Basis of this determination:

Maintains transportation system

Will the project induce secondary growth? Yes No

If Yes, explain.

N/A

PUBLIC FACILITIES & SERVICES

Will the project induce negative impacts on health and educational facilities; public utilities; fire, police and emergency services; civil defense; religious institutions; or public transportation? Yes No

If Yes, explain.

N/A

Does the project incorporate bicycle or pedestrian facilities into the overall design or operations (including construction)? Yes No

Explain. (Complete a bicycle/pedestrian checklist if applicable for this project.)

Maintains existing use in limited access ROW.

Will the project have a positive impact to the public facilities and services listed above? Yes No

If Yes, explain.

Maintains a safe transportation system.

COMMUNITY COHESION

Will the project induce impacts to community cohesion?

Yes No

If Yes, explain.

Will the project induce impacts to the local tax base or property values?

Yes No

If Yes, explain.

ENVIRONMENTAL JUSTICE

Will the project induce disproportionately high and adverse impacts to minority, low income, or special groups?

Yes No

If Yes, explain.

DISPLACEMENT OF PEOPLE, BUSINESSES or FARMS

Will the project require the relocation of people, businesses or farms?

Yes No

If Yes, indicate number: _____ Residential _____ Commercial _____ Farms

If there are displacements, analyze the availability of replacement facilities.

Conceptual Stage Survey Report

Will the project induce impacts to economic activity, including employment gains and losses?

Yes No

If Yes, explain.

MAINTENANCE AND OPERATING COSTS OF THE PROJECT AND RELATED FACILITIES

Will the project induce increases of operating or maintenance costs?

Yes No

If Yes, is the cost justified? Please explain:

PUBLIC CONTROVERSY ON ENVIRONMENTAL GROUNDS

Will the project involve substantial controversy concerning social, cultural, or natural resource impacts?

Yes No

If Yes, explain.

AESTHETIC AND OTHER VALUES

Will the project be visually intrusive to the surrounding environment?

Yes No

If Yes, explain.

Will the project include "multiple use" opportunities? ¹

Yes No

If Yes, explain.

Will the project involve "joint development" activities? ²

Yes No

If Yes, explain.

1 Examples of "multiple use" may include historical monuments, parking areas, bikeways, pedestrian paths, and other shared-use facilities on highway right-of-way.

2 "Joint development" involves compatible development in conjunction with the highway. Examples could include construction of highway facilities such as highways, turning lanes, interchanges, or lane widening in conjunction with planned residential, shopping, commercial, or industrial facilities.

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part B, Section B
Consistency Determinations

If the project is not consistent with established guidelines or will be made consistent through agreed upon mitigation, describe mitigation measures.

- DEP Coastal Zone Management Plan:** Not Applicable Consistent Not Consistent
- DCNR/NPS Wild and Scenic River Management Plan:** Not Applicable Consistent Not Consistent
- FEMA Flood Map:** Not Applicable Consistent Not Consistent
- Other (describe in Remarks):** Not Applicable Consistent Not Consistent

Remarks

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part B, Section C
Public Involvement

Document all public involvement efforts, including but not limited to, meetings, intent to enter letters, and displays. Indicate number of events when applicable. Include in the project technical file: notification of public involvement activities, and the resolution to relevant issues or concerns raised during public involvement.

	#	Comments
<input type="checkbox"/> Plans Display		
<input type="checkbox"/> Public Officials Meetings		
<input checked="" type="checkbox"/> Public Meetings	1	A plans display was held on July 20, 2017. Refer to materials attached.
<input type="checkbox"/> Public Hearing		
<input type="checkbox"/> Special Purpose Meetings (specify)		
<input checked="" type="checkbox"/> Section 106 Public Involvement / Consulting Parties (specify)		Coordination with Pennsylvania Archaeology Council and the Guy family.
<input checked="" type="checkbox"/> Section 106 Tribal Consultation (specify Tribe(s) contacted and Tribal response)		Coordination and notification via Project PATH and mail was conducted for Tribal notification. The Delaware Tribe responded and requested to be consulting party. The Delaware Nation responded to our notification and declined to be a consulting party. Additional notified Tribes included Absentee Shawnee Tribe of Oklahoma, Eastern Shawnee Tribe of Oklahoma, Onondaga Nation, Seneca-Cayuga Tribe of Oklahoma, Shawnee Tribe and Tuscarora Nation. No response was received from these notifications.
<input type="checkbox"/> Environmental Justice Community Involvement (if applicable)		
<input checked="" type="checkbox"/> Other information dissemination activities (specify)		Municipal Officials Response Forms sent on 1/8/2010 to New Milford Borough, New Milford Township, Great Bend Borough and Great Bend Township.

Remarks

Great Bend Township only responded to the Municipal Officials Response Form (please see attached).

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

1. [SR0081 Sec511- GBT Municipal Officials Form.PDF](#) (771KB / 0.8MB)
2. [SR 81-511 Public Meeting Open House Sign In Sheet.pdf](#) (198KB / 0.2MB)
3. [SR 81-511 Min2017-07-20gwg Public Mtg.pdf](#) (191KB / 0.2MB)
4. [SR 81-511 Public Meeting Questionnaire Responses.pdf](#) (1385KB / 1.4MB)

CE Evaluation Part B, Section D
Permits Checklist

Check all permits required for permanent and temporary actions.

No Permits Required

Army Corps of Engineers Section 404 and/or Section 10 Permit

Individual Nationwide PASPGP

DEP Waterway Encroachment (105) Permit

Standard Small Project General Other

DEP 401 Water Quality Certification

Coast Guard Permit

NPDES Permit

General Individual Exempt

Other Permits

Other Permits Information

Coast Guard: Due to the tidally-influenced navigable waterway, USCG coordination will be conducted during Final Design.

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part B, Section E
Resources To Be Avoided and Mitigation Measures

The mitigation measures summarized in this section should be incorporated into the project's design documents. In order to track and transfer mitigation commitments through the project development process, **Environmental Commitments & Mitigation Tracking System (ECMTS)** documentation should be prepared and submitted to the appropriate channels, including the Contract Management Unit, as the project moves through Final Design and Construction. Mitigation is automatically completed for the resource specific areas in this document. Non-resourced specific mitigation should be added to this page for documentation purposes.

Mitigation measures are **COMMITMENTS** of both the Department and FHWA and are agreed to and approved by the District Executive for Level 1 CEEs and by the Division Administrator of FHWA for Level 2 CEEs.

Impacts and mitigation commitments are based on Preliminary Design and may change as the project moves through Final Design and Construction. Final design information and final mitigation commitments are included in the ECMTS documentation.

1. Specific Permanent Impacts

Streams (B:A-1): 0 *linear feet*

Wetlands (B:A-1): .27 *acres*

State Gamelands (B:A-2): *acres*

2. Specific Mitigation Commitments

STREAMS (B:A-1)

Project Specific Restoration/Enhancement: *linear feet*

Advanced Compensation/Banking: *linear feet*

Other:

Mitigation Remarks: The project will have an in Stream restricted period for STOCKED TROUT. TROUT STOCKED in stream work restriction from March 1 to June 15 on any calendar year.

WETLANDS (B:A-1)

Project Specific Replacement/Construction: .27 *acres*

Banking: *acres*

Bank to be Debited:

Restoration: *acres*

Preservation: *acres*

In-Lieu Fee: *whole dollars*

Other:

Mitigation Remarks: At this time, the plan is to construct a mitigation site at the NW Quadrant of the Exit 230 Interchange infield.

STATE GAMELANDS (B:A-2)

Project Specific Replacement: *acres*

Banking: *acres*

Bank to be Debited:

Other:

Mitigation Remarks:

3. Other Mitigation Commitments

RESOURCE SPECIFIC

Vegetation (B:A-2)

None.

Threatened & Endangered Plants & Animals - Planned Conservation Measures (B:A-3)

PNDI attached. Conservation Measure with PA Fish and Boat Commission for --- ELKTOE Mussel Species --- PA Fish Commission wanted to be kept updated about schedule for project with respect to construction of new bridge over Susquehanna River. They wanted to have ability to schedule if possible a mussel relocation project. Remove and relocate mussels that would be impacted by bridge / causeway construction in Susquehanna River.

Cultural Resources (B:A-4)

no construction vehicles or staging of equipment on Property 42: 'Deborah L. K. Guy and Robert Guy' Property without prior coordination with the District Archaeologist. If we are replacing the ROW fence, then we should have some commitment that the fence would have to be replaced from within the existing ROW.

NON-RESOURCE SPECIFIC

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

CE Evaluation Part B, Section F
Scoping Field View

Date of Scoping Field View: 04/01/08

Attendee List (Name, Organization)

Amy Lolli, 4-0 Environmental Unit
Cris Thompson, 4-0 Environmental Unit
Kevin Mock, 4-0 Environmental Unit
Lisa Benack, Archeologist consultant
Justin Marchigiani, 4-0 Liaison
Brian Sanders, BOD, HQAD
Ira Beckerman, BOD, EQAD
Greg Augustine, 4-0 Environmental Unit
Susan William, 4-0 Environmental Unit
April Hannon, 4-0 Enhancement
Matt Hammel, 4-0 Environmental Unit
Ross Mantione, FHWA
Kevin Atkins, 4-0 Liaison
Greg Wilson, 4-0 Bridge Unit

Anticipated NEPA Documentation

As supported by the information available at the time of scoping, this project appears to qualify for a Level 2 Categorical Exclusion in accordance with 23 CFR Part 771.117(d), Item Number 01, 03.

Remarks **Provide a brief description of NEPA documentation requirements agreed to at the field view.**

Level 1b CEE item no. 1 & 3

Scoping Field View Documentation Concurrences

Print this page, gather signatures, scan and attach to this document.

County: Susquehanna **SR/Sec:** 0081/511 **MPMS:** 75917 **Project:** NTier Interstate 4R

District Environmental Manager Date

District Project Manager Date

Asst. District Executive - Design Date

BOD Project Dev. Engineer Date

Authorized FHWA Representative Date

Authorized FHWA Representative Date

Additional Information

Remarks, Footnotes, Supplemental Data

Signature sheet attached.

Attachments

1. [Signatures MPMS 75917.pdf](#) (364KB / 0.4MB)

CE Evaluation Part C
CEE Approval Processing

Section B - Level 2 CEE Approval

As supported by the attached Categorical Exclusion Evaluation, this project qualifies for a Level 2 Categorical Exclusion in accordance with 23 CFR 771.117(d), Item Number 01, 03. Furthermore, the project will not result in any of the four circumstances cited in 23 CFR 771.117(b).

County: Susquehanna **SR/Sec:** 0081/511 **MPMS:** 75917 **Project:** NTier Interstate 4R

Prepared By: Sue Williams
Title: Assistant Liaison Engineer **Date:** 08/10/16

Approved By: Jonathan Crum
Title: Federal Highway Administration **Date:** 03/21/18

The following individuals concurred with the statement above.

District Environmental Manager: Gregory P Augustine **Date:** 03/09/18

Assistant District Executive for Design: Susan E Hazelton **Date:** 03/20/18

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments