

TURN RESTRICTIONS ENGINEERING AND TRAFFIC STUDY

A - LOCATION INFORMATION

COUNTY		MUNICIPALITY
MAJOR STREET INFORMATION		
SR#	TOWNSHIP ROAD #	STREET NAME
STATION	LOCATION	
MINOR STREET INFORMATION		
SR#	TOWNSHIP ROAD #	STREET NAME
SEGMENT/OFFSET	LOCATION	

B - REFERENCE INFORMATION

REFERENCE Chapter 212	SECTION(S) 212.111
REFERENCE MUTCD	SECTION(S) 2B.19
REFERENCE Vehicle Code Title 75 Pa. C.S.	SECTION(S) §3331, 3332 and 6109(a)(7)(9)(13)

C - STUDY ELEMENTS

FROM PUB 212 APPENDIX:

- | | | |
|--|---|--------------------------------------|
| <input type="checkbox"/> Crash Analysis (1) | <input type="checkbox"/> Sight Distance (16) | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Capacity Analysis (6) | <input type="checkbox"/> Speed Data (17) | _____ |
| <input type="checkbox"/> Pedestrian Volumes (12) | <input type="checkbox"/> Traffic Volumes (20) | |

D - ATTACHMENTS LISTING

Check those that apply and attach to this form in the order listed below:

- | | | |
|---|--|---|
| <input type="checkbox"/> 1. 10-Day Response Letter | <input type="checkbox"/> 7. Crash Extract | <input type="checkbox"/> 13. Traffic/Pedestrian Volumes |
| <input type="checkbox"/> 2. Letter or Memo Requesting Study | <input type="checkbox"/> 8. Crash Rate | <input type="checkbox"/> 14. STAMPP Identification Data |
| <input type="checkbox"/> 3. Location Map | <input type="checkbox"/> 9. Collision Diagram Plot | <input type="checkbox"/> 15. Speed Limit |
| <input type="checkbox"/> 4. Straight Line Diagram | <input type="checkbox"/> 10. Speed Study | <input type="checkbox"/> 16. Traffic Signal Permit Plan |
| <input type="checkbox"/> 5. Photographs | <input type="checkbox"/> 11. Warrant Analysis | <input type="checkbox"/> 17. Other _____ |
| <input type="checkbox"/> 6. Field View Drawing or Condition Diagram | <input type="checkbox"/> 12. Multi-Way Stop or Truck Restriction Worksheet | _____ |

Confidential - Traffic Engineering and Safety Study

This document is the property of the Commonwealth of Pennsylvania, Department of Transportation. The data and information contained herein are part of a traffic engineering and safety study. This safety study is only provided to those official agencies or persons who have responsibility in the highway transportation system and may only be used by such agencies or persons for traffic safety related planning or research. The document and information are confidential pursuant to 75 Pa. C.S.3754 and 23 U.S.C. 409 and may not be published, reproduced, released or discussed without the written permission of the Pennsylvania Department of Transportation.

E - SITE OBSERVATION CHECKLIST

Operational Checklist:

1. Do obstructions block a driver's view of pedestrians or approaching vehicles? YES NO N/A
2. Do drivers respond correctly to signals, signs, or other traffic control devices? YES NO N/A
3. Is there evidence of crashes (*skid marks, property damage, tree/bush damage, broken glass/vehicle parts, etc.*)? YES NO N/A
4. Are there violations of parking or other traffic regulations? YES NO N/A
5. Do drivers appear confused about routes, street names, or other guidance information? YES NO N/A
6. Have you observed the location during peak hours for volume, crashes, and traffic operations? YES NO N/A
7. Are there traffic flow deficiencies or traffic conflict patterns associated with turning movements? YES NO N/A
8. Are there significant delays and/or congestion? YES NO N/A
9. Are there vehicle/pedestrians conflicts? YES NO N/A
10. Are there other traffic flow deficiencies or traffic conflict patterns? YES NO N/A

Physical Checklist:

1. Can sight obstructions be removed or lessened? YES NO N/A
2. Do the street alignments or widths adequately accommodate the type of traffic using the roadway? YES NO N/A
3. Are curb radii adequate for turning vehicles? YES NO N/A
4. Are pedestrian crosswalks properly located? YES NO N/A
5. Are signs adequate as to usefulness, message, size, conformity, and placement? YES NO N/A
6. Are traffic signals adequate as to placement, visibility, glare, conformity, number of signal heads, and timing? .. YES NO N/A
7. Are pavement markings adequate as to their conformance to standards and location? YES NO N/A
8. Is channelization (islands or pavement markings) adequate for reducing conflict areas, separating traffic flows, and defining movements? YES NO N/A
9. Does the existing legal parking layout affect sight distance for through or turning vehicles? YES NO N/A
10. Is the pavement condition free of potholes, washboard, slick surface, etc.? YES NO N/A

F - STUDY AND DATA SHEETS

DATE DATA COLLECTED	PERSON CONDUCTING STUDY	TITLE
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TURN RESTRICTIONS

1. Posted speed limit _____ MPH
2. Have there been 10 or more crashes during any 12 month period in the last three years attributed to turning movements? YES NO
3. Have there been 5 or more crashes during any 12 month period in the last three years attributed to turning movements? . YES NO
4. Are turning vehicles causing unreasonable delays? YES NO
5. Are turning or straight-through movements delaying vehicles through a progressive signal system? YES NO
6. Are turning vehicles creating potential crashes for through vehicles? YES NO
7. Is there a significant conflict between turning vehicles and pedestrian movements? YES NO
8. Is there adequate corner sight distance to safely execute movements? YES NO
9. Is there adequate sight distance for turning vehicles on potential through vehicles? YES NO
10. Is the turning movement frequently being made by through traffic onto a residential street to avoid downstream congestion? YES NO

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G - REMARKS

H - ENGINEERING JUDGEMENT

I - APPROVALS

Reviewed and Approved by Signature	Name/Title	Date
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