



**Editors**

**Names & Groups:** Camille Otto/PennDOT  
All District 01 Users

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**Reviewers**

LEVEL	NOTIFY	REVIEWED BY	DATE/TIME
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EM:

ADE:

DE:

HQAD: HQAD WEST

FHWA: TBD

**MPMS:** 1000

**Project Name:** WEST 6TH STREET BR

**SR:** 9900

**Section:**

**County:** Erie

**Prepared By:** Camille Otto

**Date:** 02/17/2006

## **WEST 6TH STREET BR**

**SR:** 9900    **Section:**

**County:** Erie    **State:** PA

**U.S. Department of Transportation**

**Federal Highway Administration**

**and**

**Pennsylvania Department of Transportation**

## **Environmental Assessment**

**Pursuant to 42 U.S.C. 4332(2)(c)**

**As Applicable: Executive Order 11990, Protection of Wetlands**

**Executive Order 11988, Floodplain Management**

**Executive Order 12898, Environmental Justice**

**49 U.S.C. Section 303(c)-Section 4(f)**

**Date the Division Administrator Approved**

**the Environmental Assessment: \_\_\_\_**

## EA Evaluation Steps 1 & 2

### Administrative Activities and Internal Scoping, and Agency Scoping and Public Involvement (Sections A - E)

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#### A. Project Identification

Originating Office: District 01 Date: 02/17/06  
County: Erie Township/Municipality: Erie City  
SR: 9900 Section: Project Name: WEST 6TH STREET BR

Limits of Work (Segment/Offset) Construction Stations  
Start: End: Start: End:

Total Length: m(ft)

Program: Funding: federal state local

Twelve-Year State Transportation Improvement Program Status:

MPMS Number: 1000

Federal Aid Project Number: 12345

Is a Congestion Management System Analysis Needed?

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#### B. Project Description

please include a brief narrative

CITY OF ERIE OVER BAYFRONT HIGHWAY & STREAM BRIDGE REPLACEMENT

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**C. Project Purpose and Need**

please include a brief narrative

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**D. Description of Project Area**

please include a brief narrative

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**E. Map of Project Area**

please attach a project area map

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**Additional Information**

Remarks, Footnotes, Supplemental Data

Attachments

## EA Evaluation Steps 1 & 2

### Administrative Activities and Internal Scoping, and Agency Scoping and Public Involvement (Section F)

#### F. Scoping Summary

	NOT PRESENT/PRESENT*	METHOD OF IDENTIFICATION
<b>NATURAL RESOURCES</b>		
Wetlands		
Streams, Rivers & Watercourses		
HQ/EV Streams/Watersheds		
Wild or Stocked Trout Streams		
Coastal Zones		
Groundwater Resources (i.e. wells, water supply)		
Floodplains/Floodways		
Navigable Waterways		
Other Surface Waters (i.e. lakes, ponds, reservoirs, etc.)		
National/State Wild & Scenic Rivers and Streams		
Threatened or Endangered Species		
Unique Geological Resources (i.e. sinkholes, caves, etc.)		
Wildlife & Habitat		
Sanctuaries/Refuges		
Agricultural Resources		
National Natural Landmarks		
State Game Lands, Forest or Parks		

Changed title to read, "Federal/State Wild & Scenic Rivers and Streams"

Added new row before T&E species that reads, "Invasive Non-Native Plants"

	NOT PRESENT/PRESENT*	METHOD OF IDENTIFICATION
<b>AIR, NOISE, AND VIBRATION</b>		
Sensitive Air Quality Receptors	#:	
Sensitive Noise Receptors	#:	
Sensitive Vibration Receptors	#:	
	NOT PRESENT/PRESENT*	METHOD OF IDENTIFICATION
<b>WASTE SITES</b>		
Known Waste Sites		
Potential Waste Sites		
Brownfield Sites		
	NOT PRESENT/PRESENT*	METHOD OF IDENTIFICATION
<b>COMMUNITY RESOURCES</b>		
Residences, Business or Farms		
Public Facilities and Services		
Visually Sensitive Areas		
Low-income or Minority Population Areas		
Major Utilities		
	NOT PRESENT/PRESENT*	METHOD OF IDENTIFICATION
<b>CULTURAL RESOURCES</b>		
National Historic Landmarks		
National Register Listed or Eligible Sites/Districts		
Potentially Eligible Sites/Districts		
Known Archaeological Sites		

High Probability Archaeological Areas		
	NOT PRESENT/PRESENT*	METHOD OF IDENTIFICATION
<b>SAFETY &amp; MOBILITY</b>		
Signalized Intersections		
Pedestrian Crosswalks/Overpasses		
Railroad Crossings		
Access Issues		
Mass Transit Facilities/Operations		
Hiking Trails/Scenic Walkways		
Bikeways		
	NOT PRESENT/PRESENT*	METHOD OF IDENTIFICATION
<b>SECTION 4(f) RESOURCES</b>		
Potential 4(f) Resources		

Changed title to read, "Railroad Facilities (lines, crossings, bridges, signals, etc.)"

\* Based on preliminary information obtained during engineering and environmental scoping, file research and agency correspondence.

**Additional Information**

Remarks, Footnotes, Supplemental Data

Attachments

**EA Evaluation Step 3**  
**Alternatives Development and Impact Analysis (Sections A - B)**

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**A. Design Criteria for Project**

**Functional Classification:**      Urban

**Current ADT:** 8,901 (2006)

**Design Year ADT:**

**DHV:**

**Truck%:** 3

**D (Directional Distribution)%:**

**Design Speed:**            (25) km/h (mi/h)

**Posted Speed:**            km/h (mi/h)

**Pavement Width:**        (40) m (ft)

**Shoulder Width:**         m (ft)

**Clear Zone:**                m (ft)

**Median Width:**          m (ft)

**Proposed Number of Lanes:**

**Added new questions that read:  
Design Exception Required (yes/no)?  
If "yes", explain.**

**Setting:**

**Topography:**

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**B. Alternatives Considered**

**Please list all alternatives considered and add an *Alternative description Form (Form 3B)* for each alternative considered.**

No-Build Alternative

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**Additional Information**

Remarks, Footnotes, Supplemental Data

Attachments

**EA Evaluation Step 3**  
**Alternatives Development and Impact Analysis**  
**Form 3B - Alternative Description Form**

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**Alternative:**

**Description**

**Meets Project Needs?**

Please attach maps (a map of alternative and a typical section). Use size and scale needed to clearly show the alternative.

**Conforms with Local and Regional Land Use Planning and Zoning?**

**Considered for Further Study?**

If not, please explain why.

**Estimated Costs**

Engineering: \$

Right-of-Way: \$

Construction: \$

**Alternative Description Form:    of**

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**Additional Information**

Remarks, Footnotes, Supplemental Data

**Attachments**



**EA Evaluation Step 3**  
**Alternatives Development and Impact Analysis (Section C)**

**C. Summary of Impacts**

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>NATURAL RESOURCES*</b>					
No. of Wetlands					
Wetland Area [hectares (acres)]					
EV Wetland [hectares (acres)]					
No. Stream Crossings					
HQ/EV Streams/Watersheds [hectares (acres)]					
No. of Wild or Stocked Trout Streams					
Coastal Zone Involvement					
Navigable Waterways					
Sensitive Aquifers					
No. of Public/Private Wells					
100-yr. Floodplains [hectares (acres)]					
100-yr. Floodways [hectares (acres)]					
Erosion-prone Areas Exposed [hectares (acres)]					
No. of Unique Geological Resources					
Threatened or Endangered Species					
Forestland [hectares (acres)]					
Rangeland [hectares (acres)]					
Sanctuaries/Refuges [hectares (acres)]					
Productive Agricultural Land [hectares (acres)]					
Prime Agricultural Land [hectares (acres)] - ALPP					
Farmland Soils - FPPA					
No. of Farm Operations Affected					
State Game Lands, Forest or Parks [hectares (acres)]					
No. of National Natural Landmarks					
No. of Natural and Wild Areas					

Added new row that reads, "Invasive Non-Native Plants", and requires a yes/no answer

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>COMMUNITY RESOURCES*</b>					
No. of Residential Structures/Units					
No. of Commercial Structures/Units					
No. of Community Facilities					
No. of Parks & Recreation Facilities					
Involves Public Controversy					
Impacts to Community Cohesion					
No. of Cemeteries					
Intrusions on Visually Sensitive Areas					
Impacts to Low-income or Minority Populations					
No. of Impacts to Major Utilities					
Impacts to Proposed Development Areas					
Conformance with Local and Regional Land Use Planning and Zoning					
Secondary and Cumulative Impacts					

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>CULTURAL RESOURCES*</b>					
No. of Eligible or Listed National Register Sites/Districts Adversely Affected					
No. of Known Archaeological Sites					
High Probability Archaeological Areas [hectares (acres)]					
No. of National Register Sites of State/National Significance					
No. of National Historic Landmarks					
No. of Archaeological Sites that Warrant Preservation in Place					

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>SAFETY AND MOBILITY*</b>					
Level of Service Achieved					
Projected Traffic Volumes (Design Year)					
No. of New Signalized Intersections or Interchanges					
No. of Pedestrian					

Crosswalks/Overpasses Affected					
No. of Railroad Crossings					
Opportunities for Multimodal Connectivity					
Negatively Affects Local Access					
Negatively Affects Regional Access					
No. of Hiking Trails/Scenic Walkways Affected					
No. of Bikeways Affected					

**Changed to read, "No. of Railroad Facilities Affected/Type"**

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>AIR, NOISE, AND VIBRATION</b>					
Air Quality**					
Conforms with MPO's SIP					
Noise***					
Potential Vibration Impacts					

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>WASTE SITES</b>					
No. of Waste Sites					
Area of Waste Sites [hectares (acres)]					
No. of Brownfield Sites					
Area of Brownfield Sites					

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>SECTIONS 4(f)*</b>					
No. of Section 4(f) Resources Used					

	No-Build Alternative	Alternative	Alternative	Alternative	Alternative
<b>COST</b>					
Estimated Construction Cost					

\* If impacts are listed, or "YES" is recorded, an Impact Form (Form 3C) must be completed for each resource affected.  
 \*\* Number of sensitive receptor sites which exceed state and/or federal guidelines for CO2 levels.  
 \*\*\* Number of sensitive receptor sites which exceed state and/or federal guidelines for noise abatement.

**Additional Information**

Remarks, Footnotes, Supplemental Data

## Attachments

**EA Evaluation Step 3**  
**Alternatives Development and Impact Analysis**  
**Form 3C - Impact Form**

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**Identification of Resource**

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**Methodology & Existing Conditions**

Please attach a graphic of resource to this form.

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**Impacts**

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**Minimization/Mitigation**

Resource Form:    of

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**Additional Information**

Remarks, Footnotes, Supplemental Data

## Attachments

**EA Evaluation Step 4**  
**Identification of Preferred Alternative and Mitigation (Sections A - B)**

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**A. Identification of Preferred Alternative**

Please include a brief narrative describing the basis for the identification of the preferred alternative.

**Preferred Alternative**

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**B. Summary of Mitigation for Preferred Alternative**

**Resource / Effect / Recommended Mitigation**

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**Additional Information**

**Remarks, Footnotes, Supplemental Data**

**Attachments**

**EA Evaluation Attachment A**  
**Preliminary Engineering Plans**

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**Additional Information**

Remarks, Footnotes, Supplemental Data

Attachments

**EA Evaluation Attachment B**  
**List of Coordination Activities**

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**Activity, Date, Purpose**

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**Additional Information**

**Remarks, Footnotes, Supplemental Data**

**Attachments**

**EA Evaluation Attachment C**  
**Agency Correspondence**

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Include copies of letters, meeting minutes, phone memos etc... as appropriate.

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**Additional Information**

Remarks, Footnotes, Supplemental Data

Attachments

**EA Evaluation Attachments D - F**  
**Permits Checklist, Consistency Determinations, and Supporting Documentation**

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**Attachment D - Permits Checklist**

No Permits Required

Army Corps of Engineers (404) Permit  
 Individual     Nationwide     Section 10     PASPGP - 2

DEP Waterway Encroachment (105) Permit  
 Individual     Small Project     General

DEP 401 Water Quality Certification

Biological Opinion/Incidental Take Permit

Coast Guard Permit

NPDES Permit

General     Individual     Exempt

Other Permits (specify below)

**Other Permits Information**

**Changed to read:**  
**Army Corps of Engineers (404) and/or Section 10 Permit**

**Individual                  Nationwide                  PASPGP**

**Changed "Individual" to "Standard" and added an "Other" category to the list of Chapter 105 permit types**

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**Attachment E - Consistency Determinations**

**Air Quality Conformity Statement:**

**DEP Coastal Zone Management Plan:**

**DCNR/NPS Wild and Scenic River Management Plan:**

**FEMA Flood Map Modification:**

**Other: (specify below)**

**Other Information / Not Consistent Mitigation Measures**

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**Corrected spelling**

**Attachment F - Supporting Documentation**

Check the appropriate box to indicate what supporting documentation is required for this EA. Supporting documentation is not limited to the items provided below. Additional documentation required must be noted. Unless otherwise noted, supporting documentation is to be included in the Technical Support Data for the project and will be made available for review upon request.

1. **Cultural Resource Documents\***

- Not Applicable
- PCRRF
- Section 106 Clearance Letter(s)
- Historic Structures Survey
- Phase I Archaeology Survey
- Phase II Archaeology Survey
- Determination of Eligibility Report
- Determination of Effect Report \*\*
  - No Effect
  - No Adverse Effect
  - Adverse Effect
- Recordation Report
- Memorandum of Agreement

\*All Section 106 clearance letters must be attached.

\*\*Effect Determination information does not need to be noted on this form until the Section 106 coordination is completed.

2. **Section 4(f) Evaluation (Attach if required for the project)**

Individual Programmatic, specify title:

3. **Wetlands Documents**

- Wetland Identification and Delineation Report
- Delineation and Field Survey
- Functional Assessment Analysis
  - WET 2.0
  - PAM HEP
  - Narrative Analysis
- Statewide Wetland Finding
  - Category A
  - Category B

Deleted

Individual Wetland Finding

404(b)(1) Alternate Analysis (Attach if required for the project)

Mitigation Plan

**4. Waste Site Documentation**

None Required

Phase I ESA     Phase II ESA     Phase III ESA

**5. Congestion Management Systems (CMS) & Major Investment Study (MIS) Documentation**

**CMS Analysis**

Required     Not Required

(If Required, include CMS Report, in Technical Support Data File)

MPO Coordination Letter(s)

**MIS Analysis**

Required     Not Required

(If Required, include CMS Report, in Technical Support Data File)

MPO Coordination Letter(s)

**6. Other Documents and Approval Letters**

Air Quality Quantitative Analysis

Air Quality Qualitative Analysis

Conceptual Stage Survey Report for Relocation Impacts (Attach if required for project)

DEP Erosion and Sedimentation Control Plan

Environmental Mitigation Plan

Floodplain Finding

Farmland Assessment Report/ALCAB Coordination

Form AD-1006 - Farmland Conversion Impact Rating Form (Attach if not in compliance)

Noise Quantitative Analysis

Noise Qualitative Analysis

PAM HEP

PNDI; USFW; PGC and PFBC coordinaton

Other (specify below)

**Other Information**

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**Additional Information**

**Remarks, Footnotes, Supplemental Data**

**Attachments**

**EA Evaluation Attachments G - I**  
**Technical Support Data Index, List of Preparers, References**

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**Attachment G - Technical Support Data Index**

(attach or incorporate index at this point)

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**Attachment H - List of Preparers (Name, Qualifications and Project Responsibility)**

(attach or incorporate list at this point)

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**Attachment I - References**

(attach or incorporate references at this point)

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**Additional Information**

Remarks, Footnotes, Supplemental Data

**Attachments**