

CE Evaluation Part A

General Project Identification & Description

Project Identification

Part A Prepared By: Mariah Hanson

Originating Office: District 01

Date: 12/04/03

Federal Project Number: to be det

Township/Municipality: Harborcreek Township

Local Name: Buffalo Rd U-Pass Beaut.

Limits of Work (Segment/Offset)

Start: 0766/0000
End: 0774/0000

Construction Stations

Start: 0766/0000
End: 0774/0000

Total Length: 388 (1274) m(ft)

Program: 375

Funding: federal 100

state 0

local 0

Are the estimated construction costs reflected on a current fiscally constrained transportation plan? Yes No

Remarks [Refer to guidelines for Coordinating Environmental Approvals and Fiscally Constrained Transportation Plans & Programs.](#)

Has the project been right-sized? Yes No

FHWA Request: Remove this question. It is now wrapped into the Smart Transportation question below.

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

Remarks

Date of First Federal Authorization for Preliminary Engineering:

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Engineering Information

Design Criteria for Project

Functional Classification: Minor Arterial Urban Rural

Current ADT: 9197

Design Year No-Build / Build ADT, as well as Current / Future Build LOS, is only necessary when PM2.5 analysis is required. If PM2.5 analysis is not needed (see the exempt project list in Air Quality Handbook, Pub #321), "N/A" can be entered for these values.

Design Year No-Build ADT:

Current LOS:

Design Year Build ADT:

Future Build LOS:

DHV: 50

Truck %: 4

FHWA Request: Change orange note to read "...when PM2.5 hot spot analysis is required. If PM2.5 hot spot analysis is not needed...."

FHWA stated there is a difference between hot spot and other PM2.5 analysis, and need to be specific here.

Design Speed: 56 (35) km/h (mi/h)

Posted Speed: 56 (35) km/h (mi/h)

Pavement Width: 6.7 (22) m (ft)

Shoulder Width: 1.2 (4) m (ft)

Clear Zone: NA m (ft)

Median Width: NA m (ft)

Design Exception Required? Yes No

If "Yes", explain.

Setting: Urban Suburban 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:

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



FHWA Request: Add a true/false sub-question after the bike/ped question asking whether an alternate, ADA compliant bicycle/ pedestrian access route is available. Show only if answer to primary bike/ped question is "False". Otherwise fill w/ N/A automatically.

If the answer to any of the above questions was "False", please explain.
Traffic will be maintained and pedestrian and bicycle traffic will be accounted for.

Detours should be clearly shown on map, attached and discussed, including provisions for pedestrians, bicycles, handicapped and the elderly.

Approximate length of planned detour: (ATTACH TO THE CEE)

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

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Roadway

No roadways included with this project

Roadway Description

Work will be adjacent to SR 20 in Harborcreek Township

	Existing	Proposed
Number of Lanes:	2	2
Pavement Width:	6.7 (22) m (ft)	6.7 (22) m (ft)
Shoulder Width:	1.2 (4) m (ft)	1.2 (4) m (ft)
Median Width:	0 (0) m (ft)	0 (0) m (ft)
Sidewalk Width:	1.2, 1200 (4) m, mm (ft) *	1.2, 1200, (4) m, mm (ft) *
Clear Zone:	0 (0) m (ft)	0 (0) m (ft)

Use mm when Americans with Disabilities Act (ADA) dimensions are being provided. Note metric unit that applies.

Additional Information

Remarks, Footnotes, Supple

FHWA Request: Remove this orange note, mm are done standard, therefore this note is not necessary. Do the same on the structures page.

Attachments

CE Evaluation Part A

Structure

No structures included with this project

BMS Number:

Description:

(provide name of waterway or facility structure crosses)

PennDOT ABP Request:
Add an input area for BR
Key: _____ here. Add
buttons to autofill.

	Existing	Proposed
Structure Type:		
Weight Restrictions:	tonne (ton)	tonne (ton)
Height Restrictions:	m (ft)	m (ft)
Curb to Curb Width:	mm (ft)*	mm (ft)*
Shoulder Width:	mm (ft)*	mm (ft)*
Under Clearance:	m (ft)	m (ft)
Lateral Clearance:	m (ft)	m (ft)
Structure Length:	m (ft)	m (ft)

FHWA Request: Remove
this orange note, mm are
done standard, therefore
this note is not necessary.

Use mm when Americans with Disabilities Act (ADA) dimensions are being provided.

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

State Gamelands

If any Impacts are "Yes", a Section 4(f) Evaluation is required.

PETS 4262: Add questions for "Number of SGL Impacted" and "Acreage of SGL Impacted". Move orange note from Remarks area up to these new questions to match format for wetlands and streams.

No Yes

Remarks

Ensure that state gameland impacts provided here are consistent with the impact acreage indicated on Part B Section E.

WILDERNESS, NATURAL & WILD AREAS¹

PRESENCE

Not Present Present

IMPACTS^{2,3}

Federal Wilderness Areas

Not Present Present

No Yes

Federal Natural or Wild Areas

Not Present Present

No Yes

State Natural or Wild Areas

Not Present Present

No Yes

Private Natural Areas

Not Present Present

No Yes

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

Remarks

NATIONAL NATURAL LANDMARKS¹

PRESENCE

Not Present Present

IMPACTS^{2,3}

No Yes

Documentation⁴

National Park Service Coordination Letter

Remarks

HAZARDOUS OR RESIDUAL WASTE SITES¹

PRESENCE

Not Present Present

IMPACTS^{2,3}

No Yes

Documentation⁴

Phase I

Phase II

Phase III

FHWA Request: Add new question at top of section regarding whether CRPs are needed at a SFV. If "yes", add the following questions:

CRP Scoping Field View Date: _____
 CRP Architectural Historian in Attendance: _____
 CRP Archaeologist in Attendance: _____

4. CULTURAL RESOURCES

For projects exempted from further Section 106 review under Stipulation C or eligible for Department delegated review under Stipulation D, determine whether eligible resources are present for application of Section 4 (f).

Is the project exempted from further review by application of Stipulation C of the "Programmatic Agreement among the FHWA, PennDOT, the PA SHPO and the ACHP Regarding Implementation of Minor Transportation Projects"? Yes No

If activity is exempted from review by application of Stipulation C, list the applicable Stipulation C subsection with the appropriate activity e.g. (C.1.a., C.2.d.), the name of the individual making the exemption, and the date it was made in the spaces below.

Stipulation C Activity:

Individual Making Exemption: _____
 Date of Exemption: _____

PennDOT Request: Change the term "individual" to "Environmental District Designee" because this isn't meant to be the CRP, and has been confusing to some authors.

PennDOT Request: Change question and associated orange note text to both read "...from review by the CRP by application...."

Is the project eligible for delegated review under Stipulation D of the "Programmatic Agreement among the FHWA, PennDOT, the PA SHPO and the ACHP Regarding Implementation of Minor Transportation Projects"? Yes No

If the project is delegated for expedited review under Stipulation D attach the Qualified Professionals Finding under Stipulation

PennDOT Request: Change the term "Qualified Professionals Finding" to "Cultural Resource Professionals Finding"

	PRESENCE				LEVEL OF EFFECTS		
	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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prehistoric Archaeology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Historic Archaeology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Historic Structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Historic District	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Historic Transportation Corridor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Documentation

One of the first five document types MUST be checked and attached to show that Section 106 coordination has been completed. Other types of documentation should be checked and attached when appropriate.

- Executed MOA / Programmatic Agreement (Project Specific)
- Stipulation D.2 or D.3 Submittal Form

CE Evaluation Part B, Section A-6
Environmental Evaluation Subject Areas (Air Quality and Noise)

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, skip the remainder of this section.

Is the project in an air quality nonattainment or maintenance area? Yes No

If No, skip Regional Conformity section and go to Project Level Impacts for CO.

If Yes, for what pollutant?

Ozone CO PM10 PM2.5

Refer to DEP's Bureau of Air Quality Attainment Status maps

Regional Conformity

Is the project exempt from a regional conformity air quality analysis? Yes No

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

If Yes, go to Project Level Impacts for CO and PM2.5/PM10 sections.

If No, was it included in the most recent regional conformity air quality analysis? Yes No

If Yes, go to Project Level Impacts for CO and PM2.5/PM10 sections.

If No, consult with District Air Quality Coordinator.

Project Level Impacts for Carbon Monoxide (CO)

Are there any sensitive receptors located within the project area? Yes No

Sensitive Receptors = Schools, Churches, Residences, Apartments, Hospitals, etc.

If No, skip the remainder of this section.

Based on similar projects in similar settings, will there be any negative air quality impacts? Yes No

If Yes, complete a Quantitative or Qualitative Analysis of air quality impacts.

Use currently approved Air Quality model.

Quantitative Analysis
 Qualitative Analysis

Project Level Impacts for Particulate Matter (PM2.5 or PM10)

Is the project of air quality concern? No - Based on PennDOT Screening Document
 No - Based on Interagency Consultation
 Yes - Based on Interagency Consultation

If Yes, has a Qualitative Hot-Spot Analysis been completed for the project?

FHWA Request: Add text at the end of the orange note indicating that the conclusion of the analysis should be provided in the air quality remarks section below, and the full analysis should be maintained in the project technical file.

○ Yes ○ No ○ N/A

○

Air Quality Remarks

If Yes, has the Qualitative Hot-Spot Analysis und

FHWA Request: Add a series of questions regarding Mobile Source Air Toxics (MSATs) here. The first question should ask if the project is exempt. 2 other checkboxes are provided if not exempt. Details are found in Chapter 5 of Pub #321, Air Quality Handbook.

○ Yes ○ No ○ N/A

NOISE

1. Is the project a:

Reference PennDOT Publication #24 for additional information on Type I, Type II and Other projects.

A. Type I Project?

○ Yes No

Indicate the applicable construction type:

Highway on new alignment

Through lanes that increase capacity

Significant change in the horizontal or vertical alignment

Other

Other description:

B. Type II Project?

○ Yes No

C. Other?

○ Yes ○ No

Other Description: TEA-21 landscaping project

If 1C is Yes, enter the type of project on the blank line above, answer question 2, skip question 3 and provide any additional comments in the Remarks section. The Remarks section should discuss the scope of work and how it relates to the existing and future noise environment, as well as the potential noise impacts. Potential types of projects that may be listed as "other" include but are not limited to rehabilitation of an existing highway, in place bridge replacement/rehabilitation, etc.)

2. A. Are sensitive receptors present?

Yes ○ No

If No, skip questions 2B and 3, and provide any additional comments in the Remarks section.

If Yes, how many noise sensitive receptors are within the project area?

8-12

If Yes, what type(s) of sensitive receptors are present?

Residences

B. What Land Use Activity Category is present in the project area as defined by PennDOT Publication #24? (Due to potential mixed land uses, there could be several categories.)

A B C D E

3. A. Do the predicted noise levels approach or exceed FHWA/PennDOT Noise Abatement Criteria for Yes No the Land Use Activity Category(s) identified in 2B?

B. Will there be a substantial increase of 10 dB(A) over existing level? Yes No

If both 3A and 3B are No, provide a qualitative (narrative) analysis in the Remarks section.

Qualitative Analysis

If 3A or 3B is Yes, attach the appropriate quantitative (screening or detailed) analysis as discussed in PennDOT Publication #24.

Quantitative Analysis

Noise Remarks

FHWA Request: Alter the 2nd orange note to read "If 3A or 3B are Yes, provide the conclusion of the quantitative analysis in the noise remarks below. The full quantitative analysis should be maintained in the project technical file".

Additional Information

Remarks, Footnotes, Supplemental Data

Attachments

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

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.

Is the project consistent with planned growth?

Yes No

Basis of this determination:

Project will enable the pedestrian movement and a positive gateway effect into the community.

Will the project induce secondary growth?

Yes No

If Yes, explain.

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.

Does the project incorporate bicycle or pedestrian facilities into the overall design or operations?

Yes No

Explain. (attach the bicycle/pedestrian checklist if completed for this project)

FHWA Request: Alter wording to read "...into the overall design or operations (including construction)?"

Will the project have a positive impact to the public facilities and services listed above?

If Yes, explain.

With the construction of a sidewalk, it will provide a positive impact for the pedestrian movement in the community.

COMMUNITY COHESION

Will the project induce impacts to community cohesion?

Yes No

CE Evaluation Part B, Section E

Resources To Be Avoided and Mitigation Measures

Specify and define mitigation measures that will become a part of the project. Resources which exist within the limits of work or are adjacent to the project that are to be avoided. Attach additional sheets if necessary. The mitigation measures should be included in the location of these resources. Attach additional sheets if necessary. The mitigation measures should be included in the project's design documents. In order to track and transfer mitigation commitments through the project development process, the Mitigation Memorandum in Appendix D of the CE Handbook must be prepared and submitted to the appropriate channels, including the Contract Management Unit, as the project moves through Final Design and Construction.

FHWA Request: Replace reference to the Mitigation Memorandum in Appendix D of the CE Handbook with the ECMTS tracking system.

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.

Impact and mitigation commitments are based on Preliminary Design and may change as the project moves through Final Design and Construction.

<p>Impacts</p>	<p>Wetlands: acres</p> <p>Streams: linear feet</p> <p>State Gamelands: acres</p> <p>Remarks:</p>	<p style="color: orange;">This data should be included in the CEE A-1 and A-2.</p>
<p>2. Specific Mitigation Commitments</p>	<p>Project:</p> <p>Wetlands Replacement/Construction: acres acres</p> <p>Wetlands Preservation: acres acres</p> <p>Stream Channel Restoration/Enhancement: linear feet linear feet</p> <p>State Gameland Replacement/Enhancement: acres acres</p> <p>Remarks:</p>	<div style="border: 1px solid blue; padding: 5px;"> <p style="color: blue;">FHWA Request: FHWA has a concern that the wording in the orange notes above do not stress enough that the info in the CEE is for tracking/reporting purposes, but that the ECMTS tracking report will have the official mitigation commitments.</p> <p style="color: blue;">Add a sentence at the end of the 2nd orange note that states "Final design information and final mitigation commitments are included in the ECMTS tracking tool."</p> </div>
<p>3. Other Mitigation Commitments</p>	<p>Remarks:</p>	<div style="border: 1px solid blue; padding: 5px;"> <p style="color: blue;">PETS 4260: Add a question for scopings asking if the mitigation information is available at this time, similar to what is asked on B:A-4. Alter so that no information on mitigation is required for scopings, just a yes/no to this new question.</p> </div>

1. Any change in scope of this project will require a re-evaluation of the environmental document.
2. A press release will be distributed to the local news media to inform the public of this project's construction schedule.

Additional Information

Remarks, Footnotes, Supplemental Data

To be determined.