

# APPENDIX A

# PROJECT IDENTIFICATION

# FORMS

**PIF - Control Number: 03 114 B0031W 16.00**

**General Info**

Requestor Name: Greg Meredith

Status: Active

Requestor Title: District 3 Chief Engineer

Mode: Highways

Requested By Date: 10/20/2011 12:00:00 AM

Type: Reconstruction

Form Completed By: Amy Scott

ADD: BARREN RIVER

Title / Organization: MPO Coordinator

MPO: Bowling Green

Form Completed Date: 10/31/2011 12:00:00 AM

Urban Area: Rural

District: 3

Parent Control No:

County: Warren

RSE Unique No: 114-US-0031W -000

Prefix: US

State System:

Route No: 31

Route Type: B

BMP

EMP

SPRS

14.6690

17.37

State Primary  
(Other)

17.37

27.5560

State Primary  
(Other)

Suffix: W

Functional System:

BMP: 16.559

EMP: 18.085

BMP	EMP	FC
14.6690	17.37	Urban Principal Arterial
17.37	20.9040	Urban Minor Arterial Street

Length: 1.526

Existing Studies: No

Purpose Statement: Reconstruct US 31W from Old Porter Pike (MP 16.559) to KY 957 (MP 18.085) including the reconstruction of the interchange with KY 446.

Regional Goal: Safety, Mobility, Connection, and Economic Stewardship

Last Updated By: charlie.spalding

Last Updated Date: 10/22/2014 9:17:00 AM

Highway Network:

Non NHS:	True	NHS:	True	NN:	True	Scenic Way:	True
Coal Haul:	False	Bike:	False	Forest:	False	Strahnet:	False
Ext Weight:	False	ADHS:	False				

**ROW**

Average Width:

Source:

HIS:	False	Plans:	False	Microfilm:	False
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Other: False

Current Primary Use:

Industrial: False

Commercial: False

Residential: False

Farmland: False

Other: False

Project may require additional R/W: False

Possible Number of Relocations:

Homes:

Businesses:

Comments:

### Utilities

Existing Utilities:

Electrical: False

Gas: False

Telephone: False

Cable: False

Sewer: False

Water: False

ITS: False

None: False

Other: False

Project may require Utility Relocations: False

Comments:

### Economic Impact

Planning / Zoning Reg exist in Community: False

Project may affect established Business, Commercial, or Industrial districts: False

Economic impacts on regional / local economy: False

Development: False

Tax Revenues: False

Emp Opportunity: False

Retail Sales: False

Other: False

Comments:

Direct access to major points of interest: False

Nat'l / St Parks: False

Monuments: False

Amusement Parks: False

Historic Sites: False

US Public Land: False

Other: False

Comments:

Direct access to major traffic generators: False

Shopping Centers: False

Schools: False

Industries: False

Military Installations: False

Other: False

Comments:

### Multimodal

This Project is a Candidate for:

Bicycle Paths: False

Sidewalks: False

Shared-Use Paths: False

Park / Ride Lots: False

N/A False

Project Improves Direct Access to:

Airports: False

Railways: False

Riverports: False

Trucking Routes: False

N/A False

Type of Public Transportation Available:

Fixed Routes: False

Demand Response: False

Comments:

### **Social Impact**

This Project May affect:

Neighborhood / Community Cohesion: False

Travel Patterns (vehicular, commuter, bicycle, pedestrian): False

Household relocations: False

Elderly, disabled, nondrivers, minorities, low-income persons: False

No adverse effects to neighborhoods apparent: False

Comments:

### **Environmental Impact**

Environmental Impact:

Blue Line Streams: False

Wetlands: False

Floodplain: False

Wildlife Managed Areas: False

Historic Properties: False

Cemeteries: False

Schools: False

Churches: False

Endangered Species: False

Public Land / Park: False

Noise Impact: False

Arch. Sites: False

NR Properties: False

Potential NR Properties: False

Other:

Potential Contaminated  
Sites:

Gas Stations: False

Landfills: False

Auto Repair: False

Junkyards: False

Other:

Comments:

### Air Quality

Maintenance or Nonattainment Area: False

Ozone: False

PM: False

Adds through Lane Capacity: False

Congestion Management Plan: False

Project is included in TIP/STIP: False

Comments:

### Cost Estimate

PIF #: 03 114 B0031W 16.00

Revision #: 0

BMP: 16.559

EMP: 18.085

Last Updated By: jeff.moore

Last Updated Date: 3/12/2013 2:04:45 PM

Estimate Class: Requires Further Study

Per Mile: False

Terrain:	BMP	EMP	Terrain
	16.1210	17.37	Flat
	17.37	18.8650	Rolling

Detailed Estimate with Calculations Attached: False

Estimate Assumptions: Scope is largely unknown. \*Recommend conducting a scoping study with Planning Phase first. The need is to reduce congestion along Louisville Road (US31W) and enhance safety by reducing crashes caused by access issues. The biggest unknown involves t

**Planning:**

SCH YEAR	SCH FUND	PLAN YEAR	ITEMNO
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**Design:**

SCH YEAR	SCH FUND	PLAN YEAR	ITEMNO
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**Right of Way:**

SCH YEAR	SCH FUND	PLAN YEAR	ITEMNO
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**Utilities:**



SCH YEAR	SCH FUND	PLAN YEAR	ITEMNO
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**Construction:**

SCH YEAR	SCH FUND	PLAN YEAR	ITEMNO
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**Original Estimate:**

Planning:	\$500,000.00
Design:	\$1,500,000.00
Right of Way:	\$5,000,000.00
Utilities:	\$7,500,000.00
Construction:	\$17,500,000.00
Total Cost:	\$32,000,000.00

Estimate Procedure Used:

Attachments:

Location Map: False      Photograph(s): False      Others: Sheet showing Cost Estimate: False

Comments:

**Highway ATT**

PIF #: 03 114 B0031W 16.00

BMP: 16.559

EMP: 18.085

Last Updated By: jeff.moore

Last Updated Date: 10/28/2014 9:47:52 AM

Needs Statement: US 31W is a major urban and regional connection in Bowling Green. Currently the interchange with KY 446 and several signalized intersections and access points along this section of US 31W from Old Porter Pike (MP 16.559) to KY 957 (MP 18.085) creates safety and mobility issues. This project would address those issues.

### Adequacy Rating Range

	From:	To:		
Adequacy Rating:	86.25	90.70		
CRF:	0.4920	0.7550		
IRI:	46	89		
V/SF:	0.35	0.60		
ADT:	( YR - 2013 ) - 20196	( YR - 2013 ) - 28275		
% Trucks (Single):	2.3830	3.3060		
% Trucks (Combination):	1.1230	4.4940		
Speed Limit:	45	55		
ProjectedADT (HDO)/Year:	Coming Soon	% Growth:	Coming Soon	ProjectedADT: Coming Soon

### Miscellaneous Roadway Conditions

Access Control:	BMP	EMP	Type
	16.2320	28.7930	None

Proposed Access Control: Partial

Lane Width:	BMP	EMP	WIDTH	LANES
	17.8960	20.6870	11	4
	14.6690	17.8960	12	4

Proposed Lane Width: 12

Proposed Lanes: 4

MedianType:	BMP	EMP	WIDTH	TYPE
	14.8610	16.8710	24	Depressed
	16.8710	17.7640	20	Depressed
	17.7640	17.8050	6	Raised Mountable
	17.8050	17.8960	6	Flush
	17.8960	18.16	0	None

Proposed Median Type: Other Positive Barrier

Proposed Median Width: 0

Shoulders:

BMP	EMP	WIDTH	TYPE	X SECT
14.8610	17.7640	2	Paved w/ Bituminous Material	CL
14.8610	17.7640	2	Paved w/ Bituminous Material	NL
16.4720	28.7930	8	Combination	CR
16.4720	28.7930	8	Combination	NR
17.7640	17.8050	1	Curbed	CL
17.7640	17.8050	1	Curbed	NL
17.8050	17.8960	0	No Shoulders or Curbs Exist	CL
17.8050	17.8960	0	No Shoulders or Curbs Exist	NL

Proposed Shoulder Type: Curbed

Proposed Shoulder Width: 3

No. of Bridges: 2

Traffic Loop: Coming Soon

**Other Improvement Projects in Area:**

None: False

SYP: False

Resurface: False

Others: False

Comments:

**PIF Status**

Status History:

Status Type	Status Updated Date	Status Updated By
Pending	10/31/2011 11:16:10 AM	amy.scott
Active	11/3/2011 2:29:52 PM	shane.tucker
Active	11/3/2011 2:30:29 PM	shane.tucker
Active	11/9/2011 3:34:32 PM	amy.scott
Active	10/22/2014 9:17:00 AM	charlie.spalding

### Ranking

Rank Type	Year	Priority	Rank	Tier Rank	Overall	Updated By	Updated Date
DISTRICT	2013	MEDIUM	10	3	17	deneatra.henderson	6/24/2013 10:22:36 AM
REGIONAL	2013	HIGH	3	3	10	amy.scott	9/12/2013 10:52:00 AM
LOCAL	2013	HIGH	4	3	11	amy.scott	9/12/2013 10:52:25 AM