

Ohio Department of Transportation
Office of Estimating
Project Plan Package Requirements



Date: **October 20, 2014**
To: Jeffrey M. Hisem, *Office of Estimating Administrator (644-6388)*
Attn: Debra Neal-Harris, *Office of Estimating Letting Planner (466-2731)*
From: **D5 Dave Ray/Dave Slatzer**
By: **Tracy A. Greenwald** **Phone Number: (740) 323-5107**
Subject: **Plan Package Submittal Form**

I. PROJECT IDENTIFIERS & GENERAL PROJECT INFORMATION

County-Route-Section (CRS): **GUE-70-17.30**
Project Identification Number (PID): **85549**
State Job Number (SJN): **457371**
Oversight: Full Federal (FOR)
 Federal / State (CAP)
Federal Accounting Number (FAN) or "Non-Federal": **E100 (021)**
List FAN Number or "Non-Federal" on Title Sheet

II. PROJECT CLASSIFICATION INFORMATION (CHECK ALL THAT APPLY)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Lock Down | <input type="checkbox"/> Facilities |
| <input type="checkbox"/> Resubmittal | <input type="checkbox"/> Emergency-Type A |
| <input type="checkbox"/> Late Submittal | <input type="checkbox"/> Emergency-Type B |
| <input type="checkbox"/> SPEDuP | <input type="checkbox"/> Emergency-Type C |
| <input type="checkbox"/> Reservoir | |

III. CONTRACTING PROCESS TYPE INFORMATION

- Design-Bid-Build
 Design-Build
 Prebid Meeting

For the Design-Build process, include the Design-Build Supplement Form.

IV. PROJECT MILESTONES & DURATION INFORMATION

Requested Letting Process: **12 Week Design-Bid-Build**
Requested Sale Date: **Thursday, January 15, 2015**
Construction Completion Date: **Wednesday, September 30, 2015**
Construction Duration (Days): **90**
DCA (or designee) Concurrence on: **October 15, 2014**

- Submission of Construction Duration Estimation Tool, Construction Duration Determination Tool, or Preliminary CPM Baseline Schedule to Determine Construction Completion Date (Attached)
- Conservative Schedule Aggressive Schedule Non-Applicable



V. PROJECT BUDGET & FUNDING INFORMATION

Design (C2) Estimate*: **\$1,050,000.00**

**The Design Estimate should be the same value reported in Ellis.*

VI. CONSTRUCTION PLAN INFORMATION

No. of Construction Plan Sheets (Including R/W): **50**

No. of Soils/Foundation Plan Sheets: **N/A**

- Full Size (22"x34")
- Half Size (11"x17")
- Simplified & SPEDuP (8.5"x11")

VII. REQUIRED PROJECT INFORMATION

- Sealed Construction Plans
- Design (C2) Estimate
- Excel General Summary
- STIP / TIP Approved
- Environmental Consultation Form*
- Ellis Plan Split Report
- LD-4 Estimating Form
- Proposal Note List
- Right of Way Certification*
- Utility Note List (4A Note)
- Non-Fed Funded Environmental Clearance
- GASB Asset Management Form

**Include two copies in scanned submittal. Scan in order listed from left to right.*

VIII. RAIL INFORMATION (REQUIRED IF PART OF PROJECT)

- Railroad Clause
- Railroad Agreement
- Railroad Detail Estimate

IX. DESIGN INFORMATION (REQUIRED IF PART OF PROJECT)

- Special Provisions*
- Design Exceptions
- Accident Analysis

**List on Construction Plan Title Sheet*

X. AGREEMENTS & COORDINATION INFORMATION (REQUIRED IF PART OF PROJECT)

- Preliminary Legislation
- Local Agreements
- Funding Max
- FAA Coordination
- Interstate Maintenance Agreement
- Park Board Resolution
- Local Right of Way Deposit
- Ohio EPA NOI



All information in this category must be in Ellis.

XI. ADDITIONAL PLAN INFORMATION (REQUIRED IF PART OF PROJECT)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Existing Plans | <input type="checkbox"/> Right-of Way Plans |
| <input type="checkbox"/> Foundation Investigation | <input type="checkbox"/> Soil Profiles |
| <input type="checkbox"/> Design Calculations | <input type="checkbox"/> CADD & GEOPAK Files (Path 3, 4, & 5 Projects) |

XII. MISCELLANEOUS INFORMATION (REQUIRED IF PART OF PROJECT)

- Warranty Items: 880 881 882 884
 885 886 892 1059

- Structural Plans Certified By: District B&N URS

XIII. EMERGENCY INFORMATION (REQUIRED IF THIS IS AN EMERGENCY PROJECT)

- | | |
|---|--|
| <input type="checkbox"/> Emergency Request Form | <input type="checkbox"/> Emergency Declaration |
| <input type="checkbox"/> Bidders List (Type B Only) | <input type="checkbox"/> FHWA Waiver |
| <input type="checkbox"/> Environmental Assessment | |

XIV. ADDITIONAL COMMENTS

[Click here to enter text.](#)

GUE-70-17.30

PID# 85549

Project Type: Bridge Repair
Project Cost: \$965,292
Road Type: Other
Location Type: Rural
Season Type: Summer

Estimated Contract Duration (calendar days): 273 *M.E.H.*
236

Estimated Contract Duration Range (calendar days):
151 - 322

Area Construction Engineer

Signature: Margaret E. Hatem

Date: 10-15-14

OHIO DEPARTMENT OF TRANSPORTATION
ESTIMATING INFORMATION

COUNTY: GUE ROUTE: 70 SECTION: 17.30

1. ITEM 201 - TREES AND STUMPS TO BE REMOVED AND DISPOSED BY:

Sizes	< 12 in.	18 in.	30 in.	48 in.	60 in.
No. of Trees	NA	NA	NA	NA	NA
No. of Stumps	NA	NA	NA	NA	NA

2. ITEM 202 - EXISTING PAVEMENT TO BE REMOVED AND DISPOSED OF:

Type	202/23500
Thickness (in.)	2" AVE.
Quantity (Yd ²)	143

3. ITEM 202 - EXISTING PIPE REMOVED:

Size and Type of Pipe	NA
Quantity (Ft.)	NA
Avg. Depth of Trench (Ft.)	NA

4. ITEM 202 - EXISTING STRUCTURES (OR PORTIONS OF) REMOVED AND DISPOSED OF:

Culvert or Structure No.	GUE-70-1730
Plain Concrete (Yd ³)	NA
Reinforced Concrete (Yd ³)	353 C.Y.
Stone Masonry (Yd ³)	NA
Structural Steel (lb)	NA
Timber Deck (in. thick & ft ²)	NA
Asphalt Surface (in. thick & ft ²)	NA
Other Aluminum Post and Railing	619 FT.

NOTE: The above information is for structures of any span and is not limited to the definition of a structure.

5. ITEM 203 - CLASSIFICATION OF ROADWAY EXCAVATION INTO:

(A) Earth	100	%	(B) Silt, Peat, Waterbearing Sand	%	(C) Shale (laminated, broken)	%
(D) Shale (firm, solid)		%	(E) Sandstone (laminated, broken)	%	(F) Sandstone (firm, solid)	%
(G) Limestone (broken, laminated)		%	(H) Limestone (firm, solid)	%	(I) Other:	%

**OHIO DEPARTMENT OF TRANSPORTATION
ESTIMATING INFORMATION**

LD-4
Rev. 04-13

6. ITEM 203 - BORROW AND EMBANKMENT:

Required (Yd³): NA _____ Average Haul (Miles) _____

7. AGGREGATE INFORMATION:

Size: 304E20000 _____
Avg. Haul: NA _____

8. ITEM 446 OR 448 - ASPHALT CONCRETE:

Item: 441E50000 441E50200 _____
Avg. Haul: NA _____

9. ITEM 502 - STRUCTURE FOR MAINTAINING TRAFFIC:

Description: NA _____
NOTE: Describe the structure; include estimated quantities (if not detailed in the plans).

10. ITEM 503 - UNCLASSIFIED EXCAVATION:

Structure No.: GUE-70-1730 _____
Required (Yd³): 5 C.Y. _____
NOTE: Provide a quantity when this item is bid as LUMP SUM.

11. ITEM 509 - REINFORCING STEEL:

Structure No. or Type: NA _____
Description of Item _____
(ie., Wall, Deck, etc.): _____
Required (lb.): _____
NOTE: Provide a quantity when this item is bid as LUMP SUM.

12. ITEM 511 - CONCRETE:

Type: 511E21526 511E34448 511E50210 _____
Avg. Haul: NA NA NA _____

**OHIO DEPARTMENT OF TRANSPORTATION
ESTIMATING INFORMATION**

LD-4
Rev. 04-13

13. ITEM 513 - STRUCTURAL STEEL:

Structure No. NA _____
 Pound _____

NOTE: Provide a quantity when this item is bid as LUMP SUM.

14. ITEM 514 - STEEL SURFACES TO BE PAINTED:

Structure No.: NA _____
 OZEU (Ft²): _____
 IZEU (lb): _____

NOTE: Provide a quantity when this item is bid as LUMP SUM.

15. ITEM 518 - POROUS BACKFILL:

Structure No.: NA _____
 Required (Yd³): _____

NOTE: Provide a quantity when this item is bid as LUMP SUM.

16. ITEM 611 - PIPE CULVERTS, SEWERS AND DRAINS:

Size and Type of Conduit: NA _____
 Avg. Depth (Ex. ground to flowline): _____
 Size and Type of Conduit: _____
 Avg. Depth (Ex. ground to flowline): _____

17. ITEM 611 - MANHOLES, CATCH BASINS, AND INLETS:

Type: NA _____
 Quantity: _____
 Avg. Depth: _____

18. ITEM 615 - ROADS AND PAVEMENTS FOR MAINTAINING TRAFFIC:

Excavation (Yd³): NA _____
 Embankment (Yd³): NA _____
 Guardrail (Ft.): NA _____
 Drainage (Ft.): NA _____
 Other: NA _____ Description: _____

OHIO DEPARTMENT OF TRANSPORTATION
ESTIMATING INFORMATION

19. ITEM SPECIAL - RETAINING WALL:

Wall Designation:	NA				
Wall Type:					
Leveling Pad Concrete, $f_c = 2500$ PSI (Yd ³):					
Select Granular Fill Material, CMS 304 or CMS 703.11, Type 2 (Yd ³):					
Embankment Material, CMS 203 (Yd ³):					
Porous Backfill with Filter Fabric, CMS 518 (Yd ³):					
6" Perforated Plastic Pipe, CMS 707.33 (Ft.):					
Excavation, CMS 503 (Yd ³):					
Pile Sleeves, CMS 707.33 or 707.42 (Ft.):					
Epoxy Urethane Sealer, CMS 512 (Yd ²):					

20. ITEM SPECIAL - CONCRETE COPING

ITEM SPECIAL - CONCRETE COPING, INCLUDING SLEEPER SLAB:

Wall Designation:	NA				
Class _____ Concrete, CMS 511 (Yd ³):					
Epoxy Urethane Sealer, CMS 512 (Yd ²):					
Epoxy Coated Reinforcing Steel, CMS 509 (lb):					

21. MISCELLANEOUS ITEMS:

Item:	202E98000	202E98100	202E98200	202E98200	513E95030
Unit:	LUMP	EACH	FEET	FEET	EACH
Qty.:	1	6	62	565	4

SUBMITTED BY: Tracy A. Greenwald

DATE: October 20, 2014

Estimate 85549

Estimated Cost:\$1,026,392.96

Contingency: 2.30%

Estimated Total: \$1,050,000.00

Structure 20 Foot Span and Over (Bridge No. GUE-70-17.30)
Plan Split Code: 01/BRO/BR

Base Date: 10/02/14

Spec Year: 13

Unit System: E

Work Type: BRIDGE REHABILITATION

Highway Type: 404 ON 301

Urban/Rural Type: RURAL CLASS

Season: SUMMER

County: GUERNSEY

Latitude of Midpoint: 400206

Longitude of Midpoint: -812604

District: 05

Federal/State Project Number: E100021/457371

Prepared by Chris Shonk on 10/02/14

Checked by Justin Reed on 10/02/14

Approved by Tracy Greenwald on 10/20/14

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0001: Roadway

0001	201E11000 CLEARING AND GRUBBING	1.000	LS	\$5,000.00000	\$5,000.00
0002	202E23500 WEARING COURSE REMOVED	143.000	SY	\$13.15078	\$1,880.56
0003	202E38000 GUARDRAIL REMOVED	320.000	FT	\$1.98787	\$636.12
0004	203E10000 EXCAVATION	38.000	CY	\$23.20978	\$881.97
0005	203E20000 EMBANKMENT	29.000	CY	\$23.01481	\$667.43
0006	204E10000 SUBGRADE COMPACTION	163.000	SY	\$3.17022	\$516.75
0007	209E72001 PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	3.300	STA	\$325.39476	\$1,073.80
0008	606E15050 GUARDRAIL, TYPE MGS	200.000	FT	\$25.00000	\$5,000.00
0009	606E25550 ANCHOR ASSEMBLY, MGS TYPE A	3.000	EACH	\$912.69242	\$2,738.08
0010	606E35002 MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	4.000	EACH	\$2,200.00000	\$8,800.00
0011	606E50000 SPECIAL - RESHAPING BERM	408.000	FT	\$1.54774	\$631.48

Total for Group 0001:\$27,826.19

Group 0002: Erosion Control

0012	616E10000 WATER	0.400	MGAL	\$26.96015	\$10.78
0013	659E00510 SEEDING AND MULCHING, CLASS 2	500.000	SY	\$4.00000	\$2,000.00
0014	659E20000 COMMERCIAL FERTILIZER	0.070	TON	\$500.00000	\$35.00
0015	659E31000 LIME	0.103	ACRE	\$200.00000	\$20.60
0016	659E35000	2.700	MGAL	\$1.43414	\$3.87

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

WATER

0017	832E30000	1,500.000	EACH	\$1.00000	\$1,500.00
EROSION CONTROL					

Total for Group 0002:\$3,570.25

Group 0003: Pavement

0018	254E01000	668.000	SY	\$8.93406	\$5,967.95
PAVEMENT PLANING, ASPHALT CONCRETE					

0019	255E20000	56.000	FT	\$3.50493	\$196.28
FULL DEPTH PAVEMENT SAWING					

0020	304E20000	27.000	CY	\$80.24907	\$2,166.72
AGGREGATE BASE					

0021	407E10000	62.000	GAL	\$2.70724	\$167.85
TACK COAT					

0022	407E14000	33.000	GAL	\$2.55209	\$84.22
TACK COAT FOR INTERMEDIATE COURSE					

0023	448E47020	30.000	CY	\$310.00000	\$9,300.00
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22					

0024	448E46020	40.000	CY	\$250.00000	\$10,000.00
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22					

0025	609E24510	26.000	FT	\$40.17505	\$1,044.55
CURB, TYPE 4-C					

0026	690E12050	31.000	SY	\$34.17485	\$1,059.42
SPECIAL - REINFORCED MESH FOR TRANSVERSE AND/OR LONGITUDINAL JOINTS AND CRACKS					

Total for Group 0003:\$29,986.99

Group 0004: Traffic Control

0027	621E54000	10.000	EACH	\$11.49572	\$114.96
RAISED PAVEMENT MARKER REMOVED					

0028	626E00100	14.000	EACH	\$7.13342	\$99.87
BARRIER REFLECTOR					

0029	630E03100	46.000	FT	\$9.99369	\$459.71
GROUND MOUNTED SUPPORT, NO. 3 POST					

0030	630E80100	12.000	SF	\$21.83496	\$262.02
SIGN, FLAT SHEET					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0031	630E80200	240.000	SF	\$17.24480	\$4,138.75
SIGN, GROUND MOUNTED EXTRUSHEET					
0032	630E82000	1.000	EACH	\$117.85056	\$117.85
SIGN BACKING ASSEMBLY					
0033	630E85100	7.000	EACH	\$44.98818	\$314.92
REMOVAL OF GROUND MOUNTED SIGN AND REERECTION					
0034	630E85400	1.000	EACH	\$129.90077	\$129.90
REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL					
0035	630E85600	1.000	EACH	\$244.91237	\$244.91
REMOVAL OF GROUND MOUNTED MAJOR SIGN AND REERECTION					
0036	644E00100	0.190	MILE	\$10,000.00000	\$1,900.00
EDGE LINE, 4"					
0037	644E00300	0.100	MILE	\$10,000.00000	\$1,000.00
CENTER LINE					
0038	644E00500	33.000	FT	\$15.00000	\$495.00
STOP LINE					

Total for Group 0004:\$9,277.89

Group 0005: Maintenance of Traffic

0039	614E11110	20.000	HOUR	\$62.26012	\$1,245.20
LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE					
0040	614E12421	1.000	LS	\$30,000.00000	\$30,000.00
DETOUR SIGNING, AS PER PLAN					
0041	614E13000	20.000	CY	\$177.17249	\$3,543.45
ASPHALT CONCRETE FOR MAINTAINING TRAFFIC					

Total for Group 0005:\$34,788.65

Group 0006: Structure 20 Foot Span and Over (Bridge No. GUE-70-17.30)

0042	202E11301	315.000	CY	\$244.86523	\$77,132.55
PORTIONS OF STRUCTURE REMOVED, AS PER PLAN <i>SUPERSTRUCTURE (CONCRETE)</i>					
0043	202E11301	38.000	CY	\$400.00000	\$15,200.00
PORTIONS OF STRUCTURE REMOVED, AS PER PLAN <i>SUBSTRUCTURE (CONCRETE)</i>					
0044	202E22900	146.000	SY	\$34.55155	\$5,044.53
APPROACH SLAB REMOVED					
0045	202E38500	619.000	FT	\$10.00000	\$6,190.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	BRIDGE RAILING REMOVED				
0046	202E98000	1.000	LS	\$4,212.04000	\$4,212.04
	REMOVAL MISC.: EXISTING END CROSSFRAMES				
0047	202E98100	6.000	EACH	\$168.80460	\$1,012.83
	REMOVAL MISC.: SCUPPERS WITH ATTACHMENTS				
0048	202E98200	62.000	FT	\$40.00000	\$2,480.00
	REMOVAL MISC.: EXPANSION JOINT				
0049	202E98200	565.000	FT	\$15.00000	\$8,475.00
	REMOVAL MISC.: STEEL BULB ANGLE GUTTER				
0050	503E11100	1.000	LS	\$2,500.00000	\$2,500.00
	COFFERDAMS AND EXCAVATION BRACING				
0051	503E21300	1.000	LS	\$7,500.00000	\$7,500.00
	UNCLASSIFIED EXCAVATION				
0052	509E10000	85,513.000	LB	\$1.04038	\$88,966.01
	EPOXY COATED REINFORCING STEEL				
0053	510E10000	216.000	EACH	\$16.90115	\$3,650.65
	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT				
0054	511E21526	268.000	CY	\$795.00000	\$213,060.00
	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE				
0055	511E34448	69.000	CY	\$525.00000	\$36,225.00
	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)				
0056	511E50210	37.000	CY	\$675.00000	\$24,975.00
	CLASS QC1 CONCRETE, SUBSTRUCTURE				
0057	512E10050	664.000	SY	\$6.00000	\$3,984.00
	SEALING OF CONCRETE SURFACES (NON-EPOXY)				
0058	513E10201	3,903.000	LB	\$12.00000	\$46,836.00
	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN				
0059	513E20000	2,128.000	EACH	\$3.60007	\$7,660.95
	WELDED STUD SHEAR CONNECTORS				
0060	513E95030	4.000	EACH	\$1,000.00000	\$4,000.00
	STRUCTURAL STEEL, MISC.: INTERMEDIATE CROSSFRAMES REMOVED AND REINSTALLED				
0061	514E00050	12,403.000	SF	\$8.98721	\$111,468.37
	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL				
0062	514E00056	12,403.000	SF	\$2.08686	\$25,883.32
	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT				

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0063	514E00060	12,403.000	SF	\$2.00000	\$24,806.00
FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT					
0064	514E00066	12,403.000	SF	\$2.00000	\$24,806.00
FIELD PAINTING STRUCTURAL STEEL, FINISH COAT					
0065	514E00504	50.000	MNHR	\$98.54046	\$4,927.02
GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL					
0066	514E10000	12.000	EACH	\$158.63330	\$1,903.60
FINAL INSPECTION REPAIR					
0067	516E10500	62.000	FT	\$500.00000	\$31,000.00
STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC COMPRESSION SEAL					
0068	516E31011	156.000	FT	\$11.07393	\$1,727.53
2" DEEP JOINT SEALER, AS PER PLAN					
0069	516E46701	16.000	EACH	\$402.18286	\$6,434.93
RESET BEARING, AS PER PLAN					
0070	516E47001	1.000	LS	\$10,000.00000	\$10,000.00
JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					
0071	518E12201	10.000	EACH	\$1,649.91396	\$16,499.14
SCUPPERS, INCLUDING SUPPORTS, AS PER PLAN					
0072	518E21200	30.000	CY	\$86.36612	\$2,590.98
POROUS BACKFILL WITH FILTER FABRIC					
0073	518E39800	80.000	FT	\$9.00000	\$720.00
4" PERFORATED CORRUGATED PLASTIC PIPE					
0074	518E39900	6.000	FT	\$15.00000	\$90.00
4" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
0075	519E11101	2.000	SF	\$250.00000	\$500.00
PATCHING CONCRETE STRUCTURE, AS PER PLAN					
0076	526E25001	157.000	SY	\$204.34099	\$32,081.54
REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN					
Total for Group 0006:					\$854,542.99

Group 0007: Incidentals

0077	614E11000	1.000	LS	\$15,000.00000	\$15,000.00
MAINTAINING TRAFFIC					
0078	619E16000	3.000	MNTH	\$1,800.00000	\$5,400.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	Description <i>Supplemental Description</i>				
	FIELD OFFICE, TYPE A				
0079	623E10000 CONSTRUCTION LAYOUT STAKES	1.000	LS	\$6,000.00000	\$6,000.00
0080	624E10000 MOBILIZATION	1.000	LS	\$40,000.00000	\$40,000.00

Total for Group 0007:\$66,400.00

FY 2015-2019 Business Plan Inflation Calculator:

[Not sure if you have the latest calculator? Click here.](#)

Last Modified: 7/25/2014

Today's Date:
October 15, 2014

Please Enter Values in the Yellow Areas Only:

Estimation Start Date:

Less than or Equal to Today's Date
(mm/dd/yyyy)

10/15/2014

Start Date:

Enter Construction Mid-Point Date:

(cannot exceed 06/01/2025)
(mm/dd/yyyy)

7/7/2015

Construction Mid-Point Date:

Present-Day Estimated Cost:

\$100.00

Estimated Dollar Amount:

Estimate Start Date to Construction Mid-Point Date:

9

Months

Inflation - Start to Mid-Point of Construction:

(compounded growth rate)

Inflated Dollar Amount:

Business Plan

2.3%

\$102.27

Estimator's Name: Chris Shonk

County - Route - Section: GUE-70-17.30

PID: 85549

Estimator's Notes:

Proposal Note Listing – 2013 CMS

District: 5	DATE: 10/20/14
CRS: GUE-70-17.30	BY: Tracy A. Greenwald
PID: 85549	EXT: (740) 323-5107

NO PROPOSAL NOTES REQUIRED FOR THIS PROJECT

REQUIRED	NUMBER	DATE	ITEM	DESCRIPTION
100 - GENERAL OR MISCELLANEOUS				
<input checked="" type="checkbox"/>	4A			UTILITIES
<input type="checkbox"/>	105	06/27/2012		CRITICAL PATH METHOD PROJECT SCHEDULE FOR SHORT DURATION PROJECTS
<input type="checkbox"/>	106	12/31/2012		ENVIRONMENTAL MITIGATION BAR CHART SCHEDULE
<input type="checkbox"/>	107	06/27/2012		CRITICAL PATH METHOD PROGRESS SCHEDULE
<input type="checkbox"/>	108	01/17/2014		DISPUTE REVIEW BOARD PROCESS
<input type="checkbox"/>	109	07/13/2013		DISPUTE RESOLUTION ADVISOR PROCESS
<input type="checkbox"/>	110	10/15/2011		ESCROW BID DOCUMENTS
<input type="checkbox"/>	111	07/20/2012		FACILITATED PARTNERING
<input type="checkbox"/>	116	04/17/2009		104.02 ADJUSTMENT EXCLUSION
<input type="checkbox"/>	117	04/19/2013		STEEL AND IRON PRODUCTS MADE IN THE UNITED STATES
<input type="checkbox"/>	120	10/19/2007		WORK DAY CONTRACT
<input checked="" type="checkbox"/>	121	10/19/2007		INCENTIVE/DISINCENTIVE CONTRACT
<input type="checkbox"/>	122	10/18/2013		QUICK COMPLETION INCENTIVE (QCI)
<input type="checkbox"/>	123	10/18/2013		LUMP SUM MINUS CONTRACT
<input type="checkbox"/>	124	10/18/2013		SPECIAL CLAUSES FOR CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO UNRESTRICTED TRAFFIC: A+B BIDDING
<input type="checkbox"/>	125	10/18/2013		A+B WITH MULTIPLE SECTIONS
<input type="checkbox"/>	126	12/31/2012		REVISIONS TO THE C&MS FOR DESIGN BUILD PROJECTS
<input checked="" type="checkbox"/>	127	10/19/2007		LANE VALUE CONTRACT
<input type="checkbox"/>	128	10/19/2007		UNAUTHORIZED LANE USE
<input type="checkbox"/>	129	10/18/2013		WINDOW CONTRACT
<input type="checkbox"/>	131	07/16/2010		EARLY COMPLETION SCHEDULES
<input type="checkbox"/>	136	12/31/2012		REVISIONS TO THE C&MS FOR VALUE BASED DESIGN BUILD PROJECTS
<input type="checkbox"/>				RAILROAD SPECIAL CLAUSES

Proposal Note Listing – 2013 CMS

400 – PAVEMENT				
<input type="checkbox"/>	415	10/21/2005		ASPHALT PAVEMENT LONGITUDINAL JOINT CONSTRUCTION
<input type="checkbox"/>	416	07/15/2005	301,402,403,404 412,446,448	DESIGN REQUIREMENTS FOR PLANT MIX PAVEMENTS (HEAVY)
<input checked="" type="checkbox"/>	417	07/15/2005	301,402,403,404 412,446,448	DESIGN REQUIREMENTS FOR PLANT MIX PAVEMENTS (MEDIUM)
<input type="checkbox"/>	418	07/15/2005	301,402,403,404 412,446,448	DESIGN REQUIREMENTS FOR PLANT MIX PAVEMENTS (LIGHT)
<input type="checkbox"/>	419	07/15/2005	301,402,403,404 412,446,448	DESIGN REQUIREMENTS FOR PLANT MIX PAVEMENTS (MULTIPLE TRAFFIC)
<input type="checkbox"/>	420	07/18/2014		SURFACE SMOOTHNESS REQUIREMENTS FOR PAVEMENTS
<input type="checkbox"/>	470	07/18/2014		THIN LIFT ASPHALT SURFACE SMOOTHNESS REQUIREMENTS
500 – STRUCTURES				
<input type="checkbox"/>	511	12/31/2012		ITEM SPECIAL - PATCHING CONCRETE BRIDGE DECK OVERLAY WITH MICRO-SILICA MODIFIED CONCRETE
<input type="checkbox"/>	512	12/31/2012		ITEM SPECIAL – PATCHING OF CONCRETE BRIDGE DECKS
<input type="checkbox"/>	520	04/15/2011		FUEL PRICE ADJUSTMENT
<input type="checkbox"/>	525	04/15/2011		STEEL PRICE ADJUSTMENT
<input type="checkbox"/>	527	04/15/2005	515	ITEM 515 - HIGH EARLY STRENGTH KEYWAY GROUT FOR PRESTRESSED/POST TENSIONED CONCRETE MEMBERS
<input type="checkbox"/>	530	04/15/2011		ASPHALT BINDER PRICE ADJUSTMENT FOR SINGLE YEAR PROJECTS
<input type="checkbox"/>	531	04/19/2002		ITEMS 511.11 ANTI-WASHOUT ADMIXTURE FOR UNDER WATER CONCRETING/GROUTING
<input type="checkbox"/>	535	04/15/2011		ASPHALT BINDER PRICE ADJUSTMENT FOR MULTI YEAR PROJECTS
<input type="checkbox"/>	540	07/19/2013		PORTLAND CEMENT PRICE ADJUSTMENT FOR MULTI-YEAR PROJECTS
<input checked="" type="checkbox"/>	555	04/18/2014		SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES
600 – ROADWAY, TRAFFIC CONTROL, LIGHTING & MOT INCIDENTALS				
<input type="checkbox"/>	621	04/16/1996		SIGNAL MAINTENANCE PERSONNEL REQUIREMENTS (632, 633)
<input type="checkbox"/>	651	04/17/2009		HERBICIDAL PRODUCT DATA
<input type="checkbox"/>	655	10/18/2013		VARIABLE WORK ZONE SPEED ZONE (VWZSZ) USING DIGITAL SPEED LIMIT SIGN (DSL) ASSEMBLIES
<input type="checkbox"/>	656	10/18/2013		VARIABLE WORK ZONE SPEED ZONE (VWZSZ) USING DIGITAL SPEED LIMIT SIGN (DSL) ASSEMBLIES WITH ALTERNATE WARNING SYSTEMS

OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 5 • 9600 JACKSONTOWN RD. • JACKSONTOWN, OHIO 43030 • (740) 323-4400

JOHN R. KASICH, GOVERNOR • JERRY WRAY, DIRECTOR • DAVE RAY, P.E., P.S., DISTRICT DEPUTY DIRECTOR

Certification of Right of Way Control Letter 1

October 16, 2014

Ms. Laura S. Leffler
Division Administrator
Federal Highway Administration
200 North High Street
Columbus, Ohio 43215

Re: C/R/S: GUE IR 70 17.30
PID: 85549
Federal Project Number: FAN E100021

Dear Ms. Leffler:

I certify that:

1. **STATUS OF THE REQUIRED RIGHT OF WAY:** The acquisition of right of way was not required. All work proposed is within the existing right of way.

2. **COMPLIANCE WITH RELOCATION ASSISTANCE PROGRAM REQUIREMENTS**

For this project, there were no displacements of individuals, personal property, residences, businesses, farms or not for profit organizations.

3. **STATUS OF REQUIRED UTILITY RELOCATIONS**

There are utilities within the construction limits of the project. The status of these arrangements for the completion of the work prior to or in coordination with the physical construction is shown on the Utility Note below.

Utility Note

PID 85549
Gue-IR-70-17.30
October15, 2014

Bidders are advised that the following utility facilities will not be clear from the construction area at the time of award of this contract. These utility facilities shall remain in place or be relocated within the construction limits of the project as set out below. All Station locations listed below are approximate unless otherwise stated.

Windstream Communications/Horizon fiber has existing aerial telephone/fiber facilities crossing IR-

70 along the existing bridge structure. The companies plan to directional bore interstate east of the current location to clear the project. The companies plan to be relocated by March 31, 2014.

Guernsey Muskingum Electric Company has existing aerial facilities within the project area that will remain in place and in service for the duration of the project.

GENERAL COMMENTS

The Contractor shall exercise caution when working in proximity to the relocated utility. Bidders are advised that the utility relocation plans are on file and may be reviewed at the District 5 Utility Office.

Sections 105.06 and 107.17 of the Department of Transportation Construction and Material specifications require, among other things, that the Contractor cooperate with all utilities located within the construction limits of this project, and take responsibility for the protection of the utility property and services.

4. STATUS OF RAILROAD OPERATING FACILITIES

None affected.

5. ENCROACHMENTS

There are no improvements or obstructions located within the limits of this project.

6. COMPLIANCE STATEMENT

All right of way acquisitions, if any, and all relocation activities, if any, have been done in compliance with 23 CFR 635.309(c)(1) and are also compliant to:

- 42 United States Code, Chapter 61 – The Uniform Act.
- All pertinent federal directives and regulations – to include 49 CFR Part 24.
- The current Real Estate Manual of the Ohio Department of Transportation which has been approved by FHWA.

Respectfully,



Laura Philabaum
Real Estate Administrator, District 5

OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 5 • 9600 JACKSONTOWN RD. • JACKSONTOWN, OHIO 43030 • (740) 323-4400

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Laura Philabaum
Real Estate Administrator, District 5

Ohio Department of Transportation

County GUE Route IR70 Section 17.30 PID 85549

ENVIRONMENTAL CONSULTATION FORM

Date of Plan Submission to Office of Project Coordination: October 20, 2014

Funding Source(s): federal state local private

Type of Environmental Document:

Exempt CE-1 CE-2 CE-3 CE-4 EA/FONSI EIS/ROD

Date of Environmental Approval: July 31, 2013

Environmental Reevaluation Screening:

Have changes taken place, such as development, controversy, regulatory changes, etc. that would cause impacts not previously included in the approved NEPA document? Yes X No

If Yes, what date was the NEPA Reevaluation approved? _____

If the type of approval was an EIS-ROD:

Most recent date of an FHWA authorization for the project (final design, r/w acquisition):

Has there been more than three years between federal approvals? Yes X No

If Yes, what date was the NEPA Reevaluation approved? _____

Has the funding been switched from 100% state and/or local, to now include federal participation?

 Yes X No

If so, does the current environmental document and approval cover all of the applicable federal regulatory requirements? X Yes No

Commitments:

Were any commitments made during the project development process? Yes X No

If Yes, the commitments and their disposition are listed beginning on Page 3.

Ohio Department of Transportation

County GUE Route IR70 Section 17.30 PID 85549

Permits:

Type of Permit	Required for this Project?		Obtained?		Approval by, and date	Incorporated Into the Construction Contract?	
	Yes	No	Yes	No		Yes	No
404 Nationwide		X					
404 individual		X					
401 WQC		X					
NPDES		X					

After reviewing the current status of this project, the Department considers that the NEPA document remains valid. In our review, we have confirmed that there have been no changes to the proposed action, including its scope or location, which would result in environmental impacts not considered in the NEPA document or reevaluation, and that there is no new information or circumstances relevant to environmental concerns, and bearing on the proposed action or its impacts, which would result in substantial environmental impact not considered in the NEPA document or the reevaluation.

Prepared by: Chris Yoder

Date: October 14, 2014

Approved by: 

Date: 10/14/14

File

Ohio Department of Transportation

County GUE **Route** IR70 **Section** 17.30 **PID** 85549

Commitments Made, and their Disposition

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Ohio Department of Transportation

County GUE Route IR70 Section 17.30 PID 85549


Permits:

Type of Permit	Required for this Project?		Obtained?		Approval by, and date	Incorporated Into the Construction Contract?	
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Prepared by: Chris Yoder

Date: October 14, 2014

Approved by: 

Date: 10/14/14

File

Ohio Department of Transportation

County GUE **Route** IR70 **Section** 17.30 **PID** 85549

Commitments Made, and their Disposition

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:

Commitment:

Disposition:



Ohio Department of Transportation Project Plan Splits Report

Username: DOT\jbrooscha

Date: 10/16/2014

Basic Project Information

Project Name: GUE IR 70 17.30 PID: 85549 Contract ID:
 Project Status: Candidate Responsible District: D5 Project Number /
 Project Type: Let Project Tracked: No Alt. Contract ID:
 PDP Classification: Minor Locale: GUE
 Project Description: Revised as per the PIP:Gue-70-17.30 Deck Replacement, Painting of Beams, Reset or Replace Rockers on Abutment, Replace Backwalls, New Parapet, New Expansion joint or modify to Integral Design, New Guardrail (tie into existing run), New Approach Slabs, and 100 Resurfacing estimated.
 Replace Deck on SFN# 3001741 carrying CR 73 over IR 70

Plan Splits (Not Locked*)

Split #	Part #	Category	Group	Responsible Entity	Description	Estimate Fund	Billing Fund Descr	Type	Plan Split Code	Associated Estimate
1	1	Bridge On System Eligible	Bridge	State	"01/BRO/BR/ " - District Preservation 4PF7(90% Federal) / 4PS7(10% State) - No CAP - Deck replacement on 3001741 GUE IR70 17.30 Intersect: I-70 Under Cr 73; BR Eligible for Rehabilitation: Length=283 SD/FO(1) SR=5.9 DSR=4	4PS7/0005	002 State Funds (S,O)	State	01/BRO/BR	\$1,123,500.00
Construction Contract										
1		CO CC 1 SFN 3001741		Bridge Rehabilitation - No Added Capacity		4PF7/0005	L010 INTERSTATE MAINTENANCE	Federal		\$945,000.00
Construction Engineering										
1		CENG 1 SFN 3001741		Construction Engineering		LABR	002 State Funds (S,O)	State		\$73,500.00
						LABR	L010 INTERSTATE MAINTENANCE	Federal		\$66,150.00

Total Associated Project Estimate: \$1,123,500.00
Total Unassociated Project Estimate: \$0.00

Certification

Joseph W. Benham

Signature

October 16, 2014

Date

505 Planning

Division/District

IMPORTANT: By signing and submitting this form, the signer certifies that the plan split and funding event priority contents of this report have been thoroughly reviewed and deemed accurate, and agrees that any future changes affecting the plan split/funding event information for this project shall not be made without coordination with the Division of Finance. The signer also acknowledges that billing funds shown in this report are subject to change based on the funding availability at time of expenditures, at the discretion of the Division of Finance.

* Plan split information for this project is not locked. Any changes affecting the plan split or funding event priorities for this project after certification and submittal of this report to Engineering must be made in coordination with the Division of Finance.

Asset Management Information

PID #: 85549 **District:** 5 **Cty/Rt/Sec:** Gue-IR 70-17.30

Project #: _____ **Award Date:** 1/26/2015

	C1	C2	C3	C4	C5	C6	C7	
	Capital	Maintenance			Addition	Replacement		
	%	%	%	Total	%	%	Total	
R1 Bridge	<u>100</u>	<u>100</u>	<u> </u>	<u>100</u>	<u> </u>	<u>100</u>	<u>100</u>	
R2 Pavement	<u> </u>	<u> </u>	<u> </u>	<u>0</u>	<u> </u>	<u> </u>	<u>0</u>	
R3 Other	<u> </u>	<u>XXXXX</u>	<u>XXXXX</u>	<u>XXXXX</u>	<u>XXXXX</u>	<u>XXXXX</u>	<u>XXXXX</u>	
Total	<u>100</u>	"Other" Description: _____						

	Priority	General	Total
	%	%	%
If Pavement	<u> </u>	<u> </u>	<u>0</u>

Date: 10/16/14 Prepared By: Joseph W. Broschart

Notes:

Form Explanation:

In column C1, indicate the % breakdown of the project between Bridge, Paving and Other

The %'s in column C1 for Bridge, Paving and Other must total 100%

In columns C2 and C3 indicate the % breakdown of the % in C1

Column C2 plus column C3 for row R1 must total 100%

Column C2 plus column C3 for row R2 must total 100%

Capital and maintenance % are not applicable for row R3 "Other"

Fill in %'s in columns C5 and C6 ONLY if there is a capital % in column C2

Column C5 plus column C6 for row R1 must total 100%

Column C5 plus column C6 for row R2 must total 100%

Use only whole numbers

Revised 11/24/04

DESIGN CRITERIA INFORMATION AND APPROVAL

PROJECT (C-R-S): GUE-70-17.30
PID NUMBER: 85549
STATE JOB NUMBER: 457371
FEDERAL PROJECT NUMBER: E100(021)
FUNCTIONAL CLASSIFICATION: RURAL Minor Collector

Current ADT (Year) - 580 (2015)
Trucks 24 Hour (B&C) - NA
Design Speed - 55 MPH
Current Construction Estimate - \$1,050,000.00
NHS: N

Design ADT (Year) - 800 (2035)
Posted Speed - 55 MPH
Divided Roadway: N

Year of Safety Analyst Map Checked – 2011

Thresholds Exceeded:

Segment: N

If No(N), fill out Table DC-1*; If Yes(Y), fill out Table DC-2

Intersection: N/A

If No(N), fill out Table DC-1*; If Yes(Y), fill out Table DC-2

Submitted by:

By:



Engineer of Record

Date:

2-7-14



Approved:

By:

District Planning and Engineering Administrator

Date:

*Table DC-1 does not require the signature of the District Planning and Engineering Administrator.

Table DC-1

PROJECT (C-R-S): GUE-70-17.30

PID: 85549

Type of Data	Existing	Standard	Proposed	Location
1. Lane Width				
2. Shoulder width				
3. Bridge widths				
4. Horizontal Alignment Degree of Curve	8°00'00"	6°00'00"	8°00'00"	Sta. 47+59.07 to Sta. 45+42.63
5. Vertical Alignment "K" Values	29.25	115	30.13	GUE-70-1730 Bridge
6. Grade %				
7. Stopping Sight Distance	75'	495'	300'	GUE-70-1730 Bridge
8. Pavement Cross Slope Cross Slope Breaks				
9. Superelevation Rate	0.073'/' & 0.014'/'	0.080 ft/ft	0.073'/' & 0.014'/'	Sta. 47+59.07 to Sta. 45+42.63
10. Lateral Clearance				
11. Vertical Clearance				
12. Structural Capacity				