

Estimate FRA-33-2900

Estimated Cost:\$2,068,638.53

Contingency: 20.00%

Estimated Total: \$2,482,366.24

Total Replacement 3-Span Concrete Slab Bridge; Spans are 28'-0", 35'-0", 28'-0"

Base Date: 04/14/25

Spec Year: 23

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type:

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: FRANKLIN

Latitude of Midpoint: 0

Longitude of Midpoint: 0

District: 06

Federal/State Project Number:

Prepared by Ed White on 08/11/25

Checked by Meet Shah on 08/11/25

<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 0006: Structure Over 20 Foot Spn (FRA-33-2900)

0036	202E11203	1.000	LS	\$60,000.00000	\$60,000.00
PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLA N					
0037	202E22900	268.000	SY	\$38.47066	\$10,310.14
APPROACH SLAB REMOVED					
0038	503E11101	1.000	LS	\$30,000.00000	\$30,000.00
COFFERDAMS AND EXCAVATION BRACING					
0039	503E21300	1.000	LS	\$30,000.00000	\$30,000.00
UNCLASSIFIED EXCAVATION					
0040	505E11100	1.000	LS	\$10,000.00000	\$10,000.00
PILE DRIVING EQUIPMENT MOBILIZATION					
0041	507E00500	1,200.000	FT	\$12.12954	\$14,555.45
12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
0042	507E00550	1,400.000	FT	\$55.54593	\$77,764.30
12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
0043	507E00600	1,440.000	FT	\$18.26533	\$26,302.08
14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
0044	507E00650	1,620.000	FT	\$80.63878	\$130,634.82
14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
0045	509E10000	80,562.000	LB	\$1.60659	\$129,430.10
EPOXY COATED STEEL REINFORCEMENT					
0046	511E32212	692.000	CY	\$1,204.54857	\$833,547.61
CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN					
0047	511E34450	56.000	CY	\$840.67748	\$47,077.94
CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)					
0048	511E42512	56.000	CY	\$1,814.71462	\$101,624.02
CLASS QC1 CONCRETE WITH QC/QA, PIER CAP					
0049	511E43512	164.000	CY	\$1,061.28607	\$174,050.92
CLASS QC1 CONCRETE, ABUTMENT					
0050	512E10100	495.000	SY	\$27.88812	\$13,804.62
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN					
0051	512E33000	96.000	SY	\$32.64285	\$3,133.71

Line #	Item Number	Quantity	Units	Unit Price	Extension
Description					
Supplemental Description					
TYPE 2 WATERPROOFING					
0052	516E13200	80.000	SF	\$8.32568	\$666.05
1/2" PREFORMED EXPANSION JOINT FILLER					
0053	516E13600	84.000	SF	\$9.26540	\$778.29
1" PREFORMED EXPANSION JOINT FILLER					
0054	516E25000	347.000	SF	\$15.89064	\$5,514.05
NYLON REINFORCED NEOPRENE SHEETING					
0056	518E21200	128.000	CY	\$122.05671	\$15,623.26
POROUS BACKFILL WITH GEOTEXTILE FABRIC					
0058	518E40000	288.000	FT	\$10.38167	\$2,989.92
6" PERFORATED CORRUGATED PLASTIC PIPE					
0059	518E40010	24.000	FT	\$26.29182	\$631.00
6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIAL S					
0060	526E25001	710.000	SY	\$360.00000	\$255,600.00
6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIAL S					
0061	526E90031	278.000	FT	\$225.00000	\$62,550.00
TYPE C INSTALLATION, AS PER PLAN					
0062	601E32200	278.000	CY	\$115.28866	\$32,050.25
ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC					

Total for Group 0006:\$2,068,638.53