



September 26, 2024
Trenton Franklin Road Bridge
BUT-CR81-2.71 (PID#117505)
Addendum #1

Note: All Questions shall be submitted in writing to David Quimby at quimbyd@bceo.org; Erich Ziegler at zieglere@bceo.org and Melissa Taylor at taylorm@bceo.org.

Change Item: 619E16010, Line# 21, Field Office, Type B, 5 MNTH.

Change Item: 202E23000, Line# 41, Pavement Removed, 243 SY.

Delete Item: 839E29000, Line# 3, Trench Drain, Type A With Standard Grate, 33 FT.

Add Item: 611E97011, Line# 86, Slotted Drain, 707.33, Type 2, APP, 41 LF.

Add Note: Slotted Drain APP – This price includes outlet pipe with a manufactured bend to outlet next to the headwall at 141+97.51, 26.6' Lt.

Add Note: LSM is a minimum of 3" over the box culvert per the attached drawing. Beyond 3" of cover contractor may use LSM or compacted granular embankment.

Remove Proposal Note: Item 614: "Maintenance of Traffic" C. The road closure shall be limited from March 31, 2025 to June 20, 2025 a total of 81 calendar days.

Add Proposal Note: Item 614: "Maintenance of Traffic" C. The road closure shall be limited from January 13, 2025 to June 20, 2025 a total of 81 calendar days.

Delete Sheet: P19/33 dated 2-2-24

Add Sheet: Revised sheet P19/33 dated 9-25-24

Add Attachment: LSM Detail Box Culvert

Add Attachment: Nationwide Permit 9-11-24

Updated Engineer's Estimate = \$1,139,617

Clarifications:

Q1: If the contractor elects to do the Cast-In-Place Option on the box culvert will a 3-sided culvert be allowed, or does it have to be a 4-sided culvert?

A1: Only 4-sided structure will be permitted.



Q2: Will office calculations be made available online?

A2: No.

Q3: Will existing structure plans be made available online?

A3: No. The county does not have existing structure plans.

Q4: Where does the trench drain shown on plan sheet 19 of 33 outlet? Does it connect to the 12" Conduit Type D?

A4: See plan revisions.

Q5: Type B Trench Drain is typically used for driveways. Should the trench drain be type B instead of type A?

A5: See plan revisions.

Q6: Is 1,444 square yards the correct quantity for pavement removed? It seems high

A6: Quantity has been revised to 243 SY.

Q7: On the waterline work on sheet 12 there calls out for a proposed 6" gate valve. There is no bid item for the valve. Is this to be included with the hydrant or will a pay item be added for the valve?

A7: Valve is included in the cost of the hydrant, see note on page 5.

Q8: Will LSM be required for any of the backfill on the box culvert and wing walls? I.E. the structure.

A8: See attached LSM detail.

Q9: Intermediate course in typical sections conflicts, is it type 1 or type 2?

A9: Type 2.

Q10: Does the construction sequence on page 23 of the drawings need to be followed verbatim? If so, there will be significant cost impacts on the project and excavation bracing may become a real issue.

A10: Bid per plan.

Q11: Does any excavation layback of the box culvert fall under the LSM backfill requirement? The note says any "object" within the road or drive.

A11: See attached LSM Detail.

Q12: Can the 81-day closure window be moved at all? BCEO has set the window for work essentially telling contractors when it must be done. Is there any flex to the closure dates?

A12: See revised note.



Q13: Is a TAF plan needed for work below the OHWM? Note in the drawings is that BCEO will obtain all necessary permitting but does not specify if a TAF is required.

A13: See attached Nationwide Permit.

Q14: Please clarify the difference between items 82/83 and 84/85. Is the only difference that 84/85 add the cost of LSM backfill?

A14: Yes.

Q15: Please confirm that all overhead utilities on the West side of the roadway will be clear by the time of construction start.

A15: Yes.

Attached Revised "Schedule Of Prices"

Please e-mail or call our office when you have received this Addendum.

taylor@m@bceo.org

Melissa Taylor; 513-785-4115



DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

September 11, 2024

Regulatory Division
South/Transportation Branch
LRH-2024-00595-GMR – Kemp Run
BUT-CR 81-2.71, PID 117505

Mr. Timothy Hill
Ohio Department of Transportation
1980 West Broad Street, Mail Stop 4170
Columbus, Ohio 43223

Dear Mr. Hill:

This letter is in response to your Pre-Construction Notification (PCN) received by this office on July 15, 2024, requesting a Department of the Army (DA) authorization to discharge dredged and/or fill material into waters of the United States (U.S.) to replace the existing County Road (CR) 81 Bridge over Kemp Run with a curved precast reinforced box culvert located in Madison Township, Butler County, Ohio. The proposal represents one (1) single and complete project. This PCN has been assigned the following file number: LRH-2024-00595-GMR – Kemp Run. Please include this file number on all future correspondence related to this proposed project.

The U.S. Army Corps of Engineers' (Corps) authority to regulate waters of the U.S. is based on the definitions and limits of jurisdiction contained in 33 CFR Part 328 and 33 CFR Part 329. Section 404 of the Clean Water Act (Section 404) requires that a DA permit be obtained prior to the discharge of dredged and/or fill material into waters of the U.S., including wetlands. Section 10 of the Rivers and Harbors Act of 1899 (Section 10) requires that a DA permit be obtained for any work in, on, over or under a navigable water.

The BUT-CR 81-2.71, PID 117505 project, as described in the submitted PCN, has been reviewed in accordance with Section 404 and Section 10. Based on your description of the proposed work, and other information available to us, the Corps has determined that the proposed project will include the discharge of dredged and/or fill material into aquatic resources that are subject to the requirements of Section 404.

As described in the PCN and the enclosed Table 1, you have requested a DA authorization for the permanent discharge of dredged and/or fill material into waters of the U.S. for one (1) single and complete project. The project will also include widening the roadway approach shoulders and guardrail upgrades.

Based on the provided information and your description of the proposed work, it has been determined the discharge of dredged and/or fill material into waters of the U.S. associated with the construction of the BUT-CR 81-2.71, PID 117505 project meets the criteria of Nationwide Permit (NWP) No. 14, *Linear Transportation Projects*, under the December 27, 2021, Federal Register (FR) Issuance and Reissuance of the NWPs (86 FR 73522). **The enclosed special conditions are hereby included as part of this permit and must be met to validate this authorization.**

Director's Authorization must be obtained from the Ohio Environmental Protection Agency (Ohio EPA) to validate this NWP-14 verification. No work in waters of the U.S. may commence until you receive the required Director's Authorization. The Ohio EPA may be contacted at:

Ohio EPA, Division of Surface Water
Lazarus Government Center
50 West Town Street, Suite 700
Columbus, Ohio 43215

Once you have successfully completed the Director's Authorization process, you must forward a copy of the Director's Authorization to this office. If the project remains unchanged, it is not necessary to contact this office for re-verification of your project. You may commence work. If your project is modified during the Ohio EPA's Director's Authorization process, you must contact this office to determine if the modified project is still authorized by the NWP-14 verification, or if a new PCN must be submitted.

This verification will remain valid until the expiration date of the NWP (March 14, 2026), unless the NWP authorization is modified, suspended, or revoked. The verification will remain valid if the NWP authorization is reissued without modification or the activity complies with any subsequent modification of the NWP authorization. Prior to the expiration date, it is not necessary to contact this office for re-verification of your project unless the plans for the proposed activity are modified. Furthermore, if you commence or under contract to commence the proposed activity before March 14, 2026, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP.

Please be aware this NWP authorization does not obviate the requirement to obtain other Federal, state or local authorizations required by law. A copy of the NWP and this verification letter must be supplied to your project engineer responsible for construction activities. A copy of the NWP and this verification letter should be kept at the site during construction.

Upon completion of the work, the enclosed certification must be signed and returned to this office. A copy of this letter has been provided to those on the enclosed Recipient List. If you have any questions concerning the above, please contact Peter Clingan of the Columbus Field Office by e-mail at peter.m.clingan@usace.army.mil.

Sincerely,

Teresa Spagna

Teresa Spagna
Chief, North Branch

Enclosures

Recipient List

cc w/ enclosures via e-mail:

Mr. James Glover
The Ohio Environmental Protection Agency
Division of Surface Water
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James.Glover@epa.ohio.gov

Ms. Adrienne Earley, M.S.
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Mr. Matthew Raymond
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Ms. Mary Rody
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mrody@ohiohistory.org

Ms. Miranda Fisher
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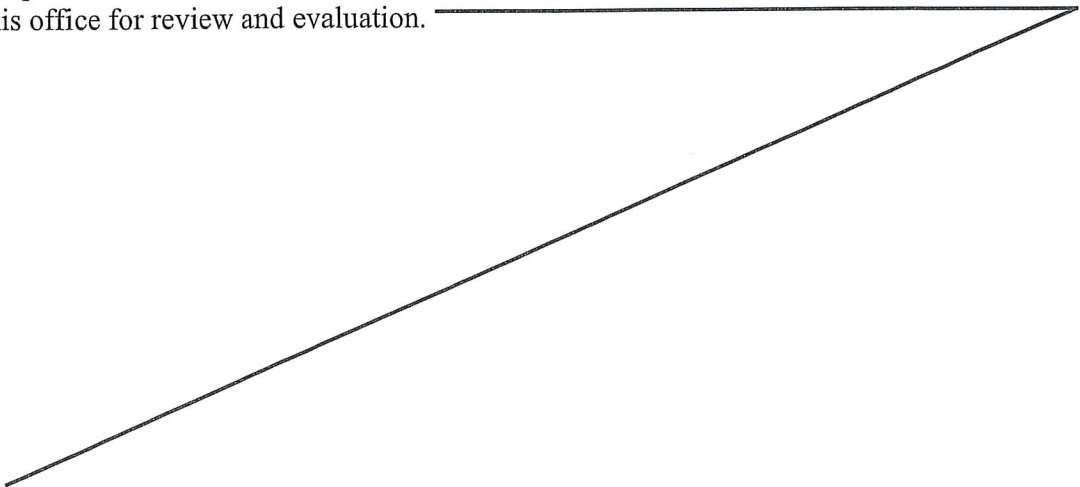
Mr. Mike Pettegrew
The Ohio Department of Natural Resources
Office of Real Estate & Land Management
2045 Morse Road, Building E-2
Columbus, Ohio 43229-6693
Mike.Pettegrew@dnr.ohio.gov

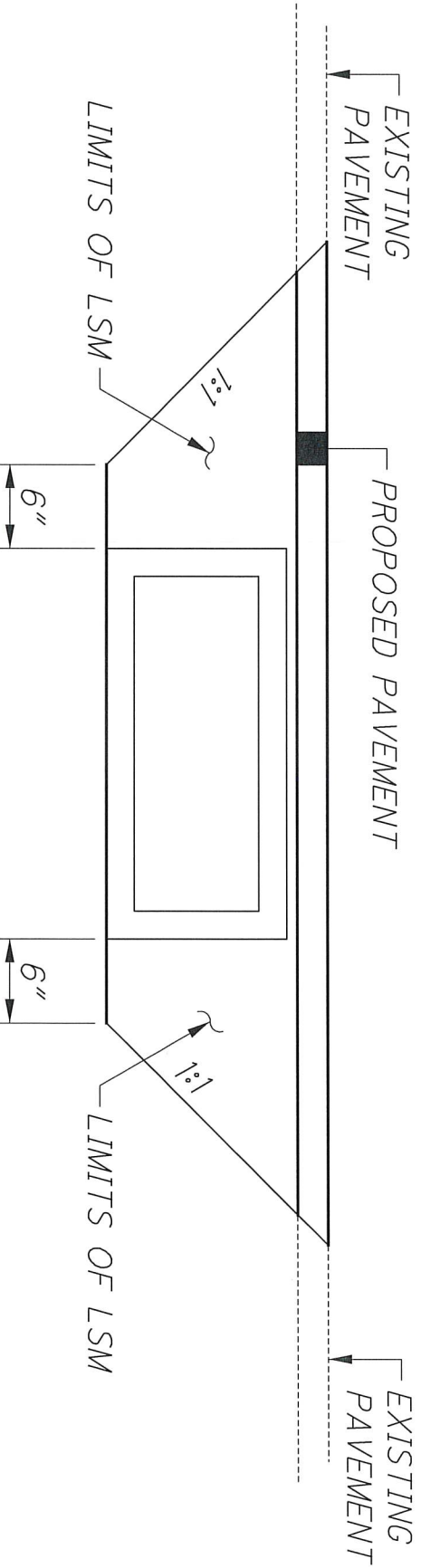
Ms. Kyla Maunz, PWS
The Ohio Department of Natural Resources
Office of Real Estate & Land Management
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Columbus, Ohio 43229
Kyla.Maunz@dnr.ohio.gov

Ms. Karen Hallberg, Ph.D.
The U.S. Fish and Wildlife Service
4625 Morse Road, Suite 104
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Karen_Hallberg@fws.gov

Ms. Lindsey M. Korfel
The U.S. Fish and Wildlife Service
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Lindsey_Korfel@fws.gov

SPECIAL CONDITIONS OF NWP 14 VERIFICATION ISSUED TO
THE OHIO DEPARTMENT OF TRANSPORTATION
LRH-2024-00595-GMR – Kemp Run
BUT-CR 81-2.71, PID 117505
Page 1 of 1

1. All work will be conducted in accordance with the submitted pre-construction notification (PCN) for the overall BUT-CR 81-2.71, PID 117505 project received in this office on July 15, 2024.
 2. The permittee's authorization under this verification is conditional upon their compliance with all of the mandatory terms and conditions of the Framework Programmatic Biological Opinion (PBO) on the Ohio Department of Transportation's Federal-Aid Highway Program for the Federally Endangered Indiana Bat (*Myotis sodalis*) and Federally Threatened Northern Long-eared Bat (*Myotis septentrionalis*), submitted to the Ohio Department of Transportation executed on February 29, 2016.
 3. As compensation for the permanent discharge of dredged and/or fill material into 98 linear feet of Kemp Run the permittee shall purchase a total of 147 linear feet of stream mitigation credit from the Great Miami Mitigation Bank. The permittee shall provide this office with proof of purchase agreement prior to the discharge of dredged and/or fill material into waters of the United States.
 4. Director's Authorization is required from the Ohio Environmental Protection Agency for this NWP-14 verification to be valid. No work in Kemp Run in association with the activity authorized under this NWP-14 verification may commence until the required Director's Authorization is obtained. All conditions attached to or contained within any Director's Authorization are hereby incorporated by reference as being special conditions of this NWP verification.
 5. If any changes in the location and/or plans, or impacts of the project becomes necessary, the permittee must submit written information concerning the proposed modification(s) to this office for review and evaluation. _____
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NOTE: LSM TO BE PLACED A MINIMUM OF 3 INCHES ABOVE THE BOX CULVERT.

ADDENDUM #1						
Contract TRENTON FRANKLIN ROAD BRIDGE, BUT-CR81-2.71 - Schedule of Prices						
Report Date: 9/26/2024						
Line	Number	Description	Unit	Quantity	Bid Unit Price	Bid Total
DRAINAGE						
1	602E20000	CONCRETE MASONRY	CY	0.4		
2	605E31100	AGGREGATE DRAINS	FT	159		
86	611E97011	SLOTTED DRAIN, TYPE 2, AS PER PLAN	FT	41		
					TOTAL: DRAINAGE	
EROSION CONTROL						
4	601E32010	ROCK CHANNEL PROTECTION, TYPE A WITH AGGREGATE FILTER	CY	242		
5	616E10000	WATER	MGAL	7.2		
6	659E00100	SOIL ANALYSIS TEST	EACH	2		
7	659E00300	TOPSOIL	CY	207		
8	659E10001	SEEDING AND MULCHING, AS PER PLAN	SY	1,862		
9	659E14000	REPAIR SEEDING AND MULCHING	SY	94		
10	659E15000	INTER-SEEDING	SY	94		
11	659E20000	COMMERCIAL FERTILIZER	TON	0.26		
12	659E31000	LIME	ACRE	0.39		
13	659E35000	WATER	MGAL	11		
14	670E00500	SLOPE EROSION PROTECTION	SY	142		
15	670E00720	DITCH EROSION PROTECTION MAT, TYPE B	SY	42		
16	832E15000	STORM WATER POLLUTION PREVENTION PLAN THIS ITEM INCLUDES ALL COSTS ASSOCIATED WITH THE DEVELOPEMENT, IMPLEMENTATION, INSPECTION AND THE REQUIRED DOCUMENTATION OF A STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED IN THIS CONTRACT. ALL OF THE SPECIFICATIONS AND REQUIREMENTS OF ODOT SUPPLEMENTAL SPECIFICIATION 832 SHALL APPLY.	LS	1		
17	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS	LS	1		
18	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	LS	1		
19	832E30000	EROSION CONTROL THIS ITEM IS FOR THE INSTALLATION OF STORM WATER BMPS AS DEFINED IN APPENDIX "F" OF ODOT SUPPLEMENTAL SPECIFICATION 832. THE CONTRACTOR SHALL ENTER \$1.00 IN THE UNIT PRICE COLUMN AND \$15,000.00 IN THE TOTAL COLUMN. IF THE CONTRACTOR NEGLECTS TO ENTER THE CORRECT FIGURE(S) THE CONTRACTOR'S BID WILL BE CORRECTED AND THE PROCESS FOR "MISTAKE IN BID" SHALL FOLLOW. NO WORK WILL BE RECOGNIZED OR PAID UNDER THIS ITEM UNLESS AGREED UPON AND APPROVED BY AN AUTHORIZED REPRESENTATIVE OF THE BUTLER COUNTY ENGINEER'S OFFICE.	EACH	15,000		
					TOTAL: EROSION CONTROL	
INCIDENTALS						
20	614E11000	MAINTAINING TRAFFIC	LS	1		
21	619E16010	FIELD OFFICE, TYPE B	MNTH	5		
22	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LS	1		

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Report Date: 9/26/2024						
Line	Number	Description	Unit	Quantity	Bid Unit Price	Bid Total
23	624E10000	MOBILIZATION	LS	1		
24	802E00001	PREMIUM ON INDUSTRIAL INSURANCE	LS	1		
25	802E00002	PREMIUM ON BID BOND	LS	1		
26	802E00003	CONTINGENCIES THE CONTRACTOR SHALL ENTER \$1.00 IN THE UNIT PRICE COLUMN AND \$80,000.00 IN THE TOTAL COLUMN. IF THE CONTRACTOR NEGLECTS TO ENTER THE CORRECT FIGURE(S), THE CONTRACTOR'S BID SHALL BE CORRECTED AND THE PROCESS FOR MISTAKE IN BID SHALL FOLLOW. THIS ITEM WILL BE USED IN THE EVENT THAT THERE ARE CHANGE ORDERS DURING THE CONTRACT. NO EXTRA WORK OR CHANGE ORDER WILL BE PAID OR RECOGNIZED UNLESS AGREED UPON IN WRITING BY AN AUTHORIZED REPRESENTATIVE OF THE BUTLER COUNTY ENGINEER. ANY ITEM OVER THE PLAN QUANTITY WILL NOT BE PAID UNLESS IT HAS BEEN APPROVED BY AN AUTHORIZED REPRESENTATIVE OF THE BUTLER COUNTY ENGINEER'S OFFICE.	EA	80,000		
					TOTAL: INCIDENTALS	
MAINTENANCE OF TRAFFIC						
27	614E12420	DETOUR SIGNING	LS	1		
					TOTAL: MAINTENANCE OF TRAFFIC	
PAVEMENT						
28	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.5" Min to 3" Max	SY	744		
29	301E56000	ASPHALT CONCRETE BASE, PG64-22, (449)	CY	151		
30	301E56000	ASPHALT CONCRETE BASE, PG64-22, (449) Variable	CY	13		
31	304E20000	AGGREGATE BASE	CY	247		
32	304E20000	AGGREGATE BASE Driveways	CY	12		
33	407E20000	NON-TRACKING TACK COAT	GAL	178		
34	407E20000	NON-TRACKING TACK COAT Driveways	GAL	5		
35	441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	CY	68		
36	441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 Driveways	CY	5		
37	441E70200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	CY	84		
38	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P Driveways	SY	64		
					TOTAL: PAVEMENT	
ROADWAY						
39	201E11000	CLEARING AND GRUBBING	LS	1		
40	201E21800	TREE REMOVED, 18"	EACH	1		
41	202E23000	PAVEMENT REMOVED	SY	243		
42	202E23000	PAVEMENT REMOVED Concrete	SY	43		
43	202E35100	PIPE REMOVED, 24" AND UNDER	FT	26		
44	202E38000	GUARDRAIL REMOVED	FT	188		

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Contract TRENTON FRANKLIN ROAD BRIDGE, BUT-CR81-2.71 - Schedule of Prices						
Report Date: 9/26/2024						
Line	Number	Description	Unit	Quantity	Bid Unit Price	Bid Total
45	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E	EACH	4		
46	203E10000	EXCAVATION	CY	655		
47	203E20000	EMBANKMENT	CY	811		
48	204E10000	SUBGRADE COMPACTION	SY	954		
49	606E15050	GUARDRAIL, TYPE MGS	FT	125		
50	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING	FT	50		
51	606E15251	GUARDRAIL, TYPE MGS QUARTER POST SPACING, AS PER PLAN	FT	75		
52	606E26050	ANCHOR ASSEMBLY, MGS TYPE B	EACH	1		
53	606E26150	ANCHOR ASSEMBLY, MGS TYPE E MASH 2016	EACH	3		
54	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	EACH	2		
55	623E40520	RIGHT-OF-WAY MONUMENT, TYPE B	EACH	1		
56	623E40900	MONUMENT, MISC.: Magnetic Spike	EACH	2		
57	690E50350	SPECIAL - MAILBOX REMOVED AND RESET	EACH	2		
					TOTAL: ROADWAY	
STRUCTURE OVER 20 FOOT SPAN						
58	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	LS	1		
59	503E11100	COFFERDAMS AND EXCAVATION BRACING	LS	1		
60	503E21300	UNCLASSIFIED EXCAVATION	LS	1		
61	509E10000	EPOXY COATED STEEL REINFORCEMENT	LB	14,223		
62	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING	CY	44		
63	511E46510	CLASS QC1 CONCRETE, FOOTING	CY	95		
64	511E46610	CLASS QC1 CONCRETE, HEADWALL	CY	5		
65	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	SY	140		
66	512E33001	TYPE 2 WATERPROOFING, AS PER PLAN	SY	326		
67	516E13600	1" PREFORMED EXPANSION JOINT FILLER	SF	66		
68	517E70001	RAILING (TWIN STEEL TUBE), AS PER PLAN	FT	42		
69	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC	CY	25		
70	601E11001	RIPRAP, TYPE D, AS PER PLAN	SY	65		
71	611E96451	16' X 8' CONDUIT, TYPE A, 706.05, AS PER PLAN	FT	73		
					TOTAL: STRUCTURE OVER 20 FOOT SPAN	
TRAFFIC CONTROL						
72	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST	FT	31		
73	630E80100	SIGN, FLAT SHEET	SF	33		

ADDENDUM #1						
Contract TRENTON FRANKLIN ROAD BRIDGE, BUT-CR81-2.71 - Schedule of Prices						
Report Date: 9/26/2024						
Line	Number	Description	Unit	Quantity	Bid Unit Price	Bid Total
74	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	EACH	8		
75	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	EACH	8		
76	642E00100	EDGE LINE, 4", TYPE 1	MILE	0.19		
77	642E00300	CENTER LINE, TYPE 1	MILE	0.1		
					TOTAL: TRAFFIC CONTROL	
WATER WORK						
78	638E00700	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL JOINTS AND FITTINGS	FT	2		
79	638E10201	6" FIRE HYDRANT, AS PER PLAN	EACH	1		
80	638E10480	FIRE HYDRANT REMOVED SPECIAL - WATER WORKS	EACH	2		
81	638E99000	Remove and Replace 12"x6" Anchor Tee Involving Shut Down	LS	1		
					TOTAL: WATER WORK	
					TOTAL: BASE BID	
ALTERNATE #1						
82	611E01200	6" CONDUIT, TYPE D	FT	7		
		12" CONDUIT, TYPE D				
83	611E04900	706-02 or 707.33	FT	115		
					TOTAL: ALTERNATE #1	
ALTERNATE #2						
Line	Number	Description	Unit	Quantity	Bid Unit Price	Bid Total
		6" CONDUIT, TYPE D, AS PER PLAN				
84	611E01201	Includes LSM Backfill	FT	7		
		12" CONDUIT, TYPE D, AS PER PLAN				
85	611E04901	706-02 or 707.33 Includes LSM Backfill	FT	115		
					TOTAL: ALTERNATE #2	
					TOTAL: BASE BID / ALTERNATE #1	
					TOTAL: BASE BID / ALTERNATE #2	