



I-64 Hampton Roads Express Lanes (HREL) Segment 1A

Contract ID No. C00117840DB112

Price Proposal



Electronic Submission

Date

September 15, 2022

Submitted by

Wagman-Fay SE JV
3290 N. Susquehanna Trail
York, PA 17406

Phone

717.764.8521

Fax

717.764.2799

www.wagman.com
www.shikunusa.com/faysoutheast

Joint Venture



General Construction | Heavy Civil | Geotechnical



**FAY SOUTHEAST
S&B USA CONSTRUCTION**

Lead Engineer



**WALLACE
MONTGOMERY**

ENGINEERS | PLANNERS | SURVEYORS | CONSTRUCTION MANAGERS

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: HREL Segment 1A
Contract ID Number: C00117841DB111**

➤ **Contents of Price Proposal:**

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Part 1, Attachment 4.8.1)**
 - Schedule of Items itemized in accordance with Part 1, Section 4.8.2, including material quantities and costs of each proposed work package**
 - Proposed Monthly Payment Schedule showing the anticipated schedule on which funds will be required and associated value of work in accordance with Part 1, Section 4.8.3**
 - Price Adjustment Information and Forms for Asphalt, Fuel and Steel, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3(a), 6.3(c), and 6.3(d))**
 - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
 - Sworn Statement Forms C-104 and C-105(Part 1, Attachments 4.8.6(a) and 4.8.6(b))**
-

ATTACHMENT 3.76

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFP NO. C00117840DB112
PROJECT NO.: 0064-122-470

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.76, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

- 1. Cover letter of RFP – April 28, 2022
(Date)
- 2. Cover letter of Addendum #1- May 27, 2022
(Date)
- 3. Cover letter of Addendum #2- June 17, 2022
(Date)
- 4. Cover letter of Addendum #3- July 13, 2022
(Date)
- 5. Cover letter of Addendum #4- August 2, 2022
(Date)

 09/15/2022
SIGNATURE DATE

GREGORY M. ANDRIANS, PE PRESIDENT/COO
PRINTED NAME TITLE
WAGMAN HEAVY CIVIL, INC.
MANAGING PARTNER OF JOINT VENTURE
POA for JV



4.7.1

Cost Breakdown Summary

ATTACHMENT 4.7.1

PRICE PROPOSAL FORM


4.8.1 Offeror shall specify the pricing information for the items below, the dollar amount shall be in whole numbers:

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ <u>14,315,000.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>148,973,783.00</u>
Quality Assurance (QA) (Construction), LS	\$ <u>5,248,000.00</u>
Quality Control (QC) (Construction), LS	\$ <u>5,215,000.00</u>

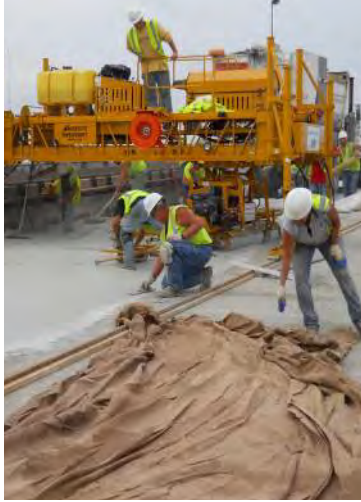
Proposal Price; (Specify the Total Lump Sum price in both numbers and words, this price shall **equal** to the total sum of the items listed above)

Lump Sum (LS): One hundred seventy-three million seven hundred fifty-one
thousand seven hundred eighty-three dollars (\$ 173,751,783.00)

Signature:  Date: September 15, 2022

Design-Builder: Wagman-Fay SE a Joint Venture

Vendor No.: JV101



4.7.2

Schedule of Items

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00104	DESIGN BUILD - DESIGN & ENGINEERING		1	EA	\$ 12,750,000.00
00104	DESIGN BUILD - SCOPE VALIDATION		1	LS	\$ 800,000.00
00104	DESIGN BUILD - ROW ACQUISITION		1	LS	\$ 150,000.00
00104	DESIGN BUILD - PUBLIC RELATIONS		1	LS	\$ 315,000.00
00104	DESIGN BUILD - QUALITY ASSURANCE		1	LS	\$ 5,248,000.00
00104	DESIGN BUILD - QUALITY CONTROL		1	LS	\$ 5,215,000.00
00104	DESIGN BUILD - ENVIRONMENTAL COMPLIANCE MANAGER		1	LS	\$ 420,000.00
00104	DESIGN BUILD - UTILITY COORDINATION		1	LS	\$ 300,000.00
00104	DESIGN BUILD - UTILITY RELOCATION		1	LS	\$ 780,000.00
00104	UTILITY LOCATING (TEST PITS)		1	LS	\$ 125,000.00
00104	CONTRACTOR BOND & INSURANCE		1	LS	\$ 4,150,000.00
00100	MOBILIZATION		1	LS	\$ 7,600,000.00
00101	CONSTRUCTION SURVEYING (CONSTRUCTION)		1	LS	\$ 1,677,000.00
00104	NS ESCROW BID DOCUMENTS		1	LS	\$ 19,900.00
25505	FIELD OFFICE MOD TY.1		36	MO	\$ 364,500.00
25515	NS TOW TRUCK SERVICE		30	MO	\$ 1,800,000.00
25561	FORMAL PARTNERING		1	LS	\$ 15,000.00
25565	PROGRESS SCHEDULE BASELINE		1	LS	\$ 60,000.00
25567	PROGRESS SCHEDULE UPDATES		36	EA	\$ 108,000.00
00109	NS MONITORING INSTRUMENTATION AND MONITORING		1	EA	\$ 294,000.00
00110	CLEARING AND GRUBBING		1	LS	\$ 551,000.00
00120	REGULAR EXCAVATION	(F)	26923	CY	\$ 1,992,302.00
00128	UNDERCUT EXCAVATION	(F)	1762	CY	\$ 396,450.00
00150	EMBANKMENT	(F)	18205	CY	\$ 582,560.00
64050	NS TEMP. SUPPORT OF EXCAVATION		1	LS	\$ 2,409,500.00
09148	EROS.CONTR.STONE CL. A1 EC-1	(F)	1000	TON	\$ 218,000.00
09150	EROS. CONTR. STONE CL. 1, EC-1	(F)	50	TON	\$ 11,350.00
11070	SAWCUT ASPH CONC FULL DEPTH		64625	LF	\$ 323,125.00
13212	ROW MONUMENT, RM-2		10	EA	\$ 5,000.00
24100	ALLAYING DUST		30	MO	\$ 216,900.00
27023	TOPSOIL, CLASS B		6400	CY	\$ 883,200.00
27275	CONSTRUCTION ENTRANCE		26	EA	\$ 275,600.00
27345	TEMPORARY DIVERSION DIKE		120	LF	\$ 3,600.00
27415	CHECK DAM, ROCK TY. II		7	EA	\$ 7,490.00
27422	DEWATERING BASIN		20	EA	\$ 66,600.00
27422	NS TEMP SLOPE PIPE		600	LF	\$ 72,600.00
27430	SILTATION CONTROL EXCAVATION	(F)	500	CY	\$ 37,500.00
27440	NS - MOWING		9	EA	\$ 29,700.00
24350	NS - LITTER CLEANUP		12	EA	\$ 26,400.00
27470	NS E&S AND MISC LABOR CREW		30	MO	\$ 1,050,000.00
27530	TEMP SEDIMENT TRAP		2	EA	\$ 16,000.00
27545	STORM WATER MANAGEMENT BASIN EXCAVATION	(F)	16077	CY	\$ 787,773.00
27548	NS SWM - CONSTRUCTED WETLAND		24479	SF	\$ 73,437.00
27548	NS SWM - BIORETENTION POND		38369	SF	\$ 1,112,701.00
27548	NS SWM - DRY SWALES		700	LF	\$ 191,100.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00529	FLOWABLE BACKFILL		561	CY	\$ 216,546.00
00588	UNDERDRAIN UD-4		51235	LF	\$ 563,585.00
00590	COMB. UNDERDRAIN CD-1 OR 2		514	LF	\$ 19,018.00
00595	OUTLET PIPE		2000	LF	\$ 34,000.00
00596	ENDWALL EW-12		100	EA	\$ 77,600.00
01152	15" CONCRETE PIPE		4520	LF	\$ 827,160.00
01182	18" CONCRETE PIPE		5005	LF	\$ 1,001,000.00
01241	JACK & BORE 24" PIPE		2038	LF	\$ 2,730,920.00
01242	24" CONCRETE PIPE		5308	LF	\$ 1,263,304.00
01301	JACK & BORE 30" PIPE		300	LF	\$ 547,500.00
01302	30" CONCRETE PIPE		810	LF	\$ 247,050.00
01362	36" CONC. PIPE		185	LF	\$ 69,190.00
01602	60" CONCRETE PIPE		1650	LF	\$ 1,521,300.00
01722	72" CONCRETE PIPE		330	LF	\$ 356,400.00
01960	96" CONCRETE PIPE		700	LF	\$ 1,330,000.00
02112	60" UG DRAINAGE STRUCTURE		1	LS	\$ 175,000.00
02112	72" UG DRAINAGE STRUCTURE		1	LS	\$ 126,000.00
02112	96" UG DRAINAGE STRUCTURE		1	LS	\$ 160,000.00
00525	15" END WALL EW-1		34	EA	\$ 102,340.00
00525	18" END WALL EW-1		3	EA	\$ 9,960.00
00525	24" END WALL EW-1		10	EA	\$ 39,100.00
00525	36" END WALL EW-1		1	EA	\$ 5,210.00
06150	15" END SECTION ES-1 OR 2		6	EA	\$ 9,180.00
06180	18" END SECTION, ES-1 OR 2		3	EA	\$ 5,310.00
06240	24" END SECTION ES-1 OR 2		17	EA	\$ 35,870.00
06300	30" END SECTION ES-1 OR 2		4	EA	\$ 12,280.00
06745	DROP INLET DI-2A		11	EA	\$ 199,100.00
06747	DROP INLET DI-2B, L=4'		2	EA	\$ 37,200.00
06748	DROP INLET DI-2B, L=6'		54	EA	\$ 1,009,800.00
06749	DROP INLET DI-2B, L=8'		13	EA	\$ 244,400.00
06750	DROP INLET DI-2B, L=10'		9	EA	\$ 170,100.00
06753	DROP INLET DI-2B, L=16'		2	EA	\$ 38,400.00
06757	DROP INLET DI-2BB, L=6'		1	EA	\$ 19,400.00
06758	DROP INLET DI-2BB, L=8'		4	EA	\$ 78,000.00
06765	DROP INLET DI-2C, L=6'		1	EA	\$ 18,800.00
06766	DROP INLET DI-2C, L=8'		5	EA	\$ 94,500.00
06781	DROP INLET DI-2D		3	EA	\$ 80,700.00
06783	DROP INLET DI-2E, L=6'		6	EA	\$ 211,200.00
06784	DROP INLET DI-2E, L=8'		1	EA	\$ 35,300.00
06785	DROP INLET DI-2E, L=10'		1	EA	\$ 35,400.00
06818	DROP INLET DI-3B, L=6'		37	EA	\$ 691,900.00
06819	DROP INLET DI-3B, L=8'		1	EA	\$ 18,800.00
06820	DROP INLET DI-3B, L=10'		4	EA	\$ 75,600.00
06822	DROP INLET DI-3B, L=14'		2	EA	\$ 38,200.00
06827	DROP INLET DI-3BB, L=6'		4	EA	\$ 77,600.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
06828	DROP INLET DI-3BB, L=8'		7	EA	\$ 136,500.00
06836	DROP INLET DI-3C, L=8'		2	EA	\$ 37,800.00
07110	DROP INLET DI-4B, L=6'		1	EA	\$ 19,400.00
07206	DROP INLET DI-4C, L=8'		1	EA	\$ 19,500.00
07508	DROP INLET DI-7		18	EA	\$ 288,000.00
08188	DROP INLET DI-10H TY I, L = 6'		12	EA	\$ 217,200.00
08220	DROP INLET DI-10I TY I, L = 6'		2	EA	\$ 36,200.00
08221	DROP INLET DI-10I TY I, L = 8'		2	EA	\$ 39,600.00
08965	DROP INLET DI-13 TY. II		7	EA	\$ 84,700.00
08990	NS TRENCH DRAIN		4240	LF	\$ 1,335,600.00
09056	MANHOLE MH-1 OR 2		320	LF	\$ 691,200.00
09057	FRAME & COVER MH-1		40	EA	\$ 63,600.00
24502	NS REM EXIST PIPE END WALLS-ALL SIZES, TYPES		125	EA	\$ 187,500.00
27550	STORM WATER MANAGEMENT DRAINAGE OUTLET STR		5	EA	\$ 150,000.00
10013	CEM.STAB.AGGR.MATL.NO.21A	(F)	35963	TON	\$ 3,884,004.00
10062	ASPH-STAB. OPEN-GRADED MATERIAL	(F) (P)	8388	TON	\$ 1,073,664.00
10128	AGGR. BASE CR-6 (SWM PE-1)	(F)	1600	TON	\$ 144,000.00
10525	HIGH FRICTION SURFACE AGG COURSE		65074	SY	\$ 1,952,220.00
10608	ASPHALT CONCRETE TY. SM-12.5D	(F) (P)	3664	TON	\$ 461,664.00
10609	ASPHALT CONC TY. SM-12.5E	(F) (P)	206	TON	\$ 31,312.00
10611	ASPHALT CONC TY. IM-19.0D	(F) (P)	210	TON	\$ 24,360.00
10628	FLEXIBLE PAVEMENT PLANING 0"-2"	(F)	133488	SY	\$ 400,464.00
10642	ASPHALT CONC. TY. BM-25.0A	(F) (P)	5951	TON	\$ 624,855.00
10643	ASPHALT CONCRETE TY. BM-25.0D	(F) (P)	33466	TON	\$ 3,513,930.00
10653	STONE MATRIX ASP.SMA-12.5(76E-28)	(F) (P)	20759	TON	\$ 3,902,692.00
10655	STONE MATRIX ASP.SMA-19.0(76E-28)	(F) (P)	11708	TON	\$ 2,084,024.00
10700	RUMBLE STRIP, ASPHALT		6750	LF	\$ 11,475.00
11150	PAVEMENT CRACK SEALING		15000	LF	\$ 120,000.00
11150	PAVEMENT JOINT REPAIR		3500	LF	\$ 28,000.00
11150	CONCRETE PAVEMENT PATCHING		2000	SY	\$ 604,000.00
12030	STD. CURB CG-3		1450	LF	\$ 105,850.00
12322	ASPHALT CONC. CURB TY. MC-3B		12624	LF	\$ 239,856.00
12505	ASPHALT CONCRETE, CURB BACKUP MATERIAL	(P)	522	TON	\$ 123,192.00
12700	STD. COMB. CURB & GUTTER CG-7		300	LF	\$ 19,350.00
12720	NS CURB & GUTTER - NORFOLK C&G		800	LF	\$ 67,200.00
13108	CG-12 DETECTABLE WARNING SURFACE		5	SY	\$ 5,500.00
13220	HYDRAULIC CEMENT CONC. SIDEWALK 4"		237	SY	\$ 50,244.00
00525	HYDRAULIC CEMENT CONC. BRR CAP 4"		1205	SY	\$ 93,990.00
13460	MEDIAN BARRIER MB-7D		2150	LF	\$ 217,150.00
13461	MEDIAN BARRIER MB-7E		2612	LF	\$ 700,016.00
13462	MEDIAN BARRIER MB-7F		8100	LF	\$ 1,117,800.00
13476	MEDIAN BARRIER MB-12B		2810	LF	\$ 1,109,950.00
13485	MEDIAN BARRIER MB-8A, TY. I		3290	LF	\$ 565,880.00
24501	REMOVE EXISTING SF BARRIER		1300	LF	\$ 29,250.00
24501	REMOVE EXISTING DF BARRIER		3754	LF	\$ 86,342.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
16154	AGGR. NO. 78		1700	TON	\$ 176,800.00
21020	MEDIAN STRIP MS-1		73	SY	\$ 28,324.00
13495	TRAF. BARR. SER. CONC. SGL FC PAR.MB-10A		820	LF	\$ 114,800.00
13496	TRAF. BARR. SER. CONC. DBL FC PAR.MB-11A		1868	LF	\$ 233,500.00
13496	MB-11A RELOCATE		2832	LF	\$ 212,400.00
13604	IMPACT ATTEN.SER. TY. 1 TL-3, >=40 MPH		20	EA	\$ 234,000.00
13606	IA-2, IMPCT ATTN, TYPE 1 REDIRECTIVE (TL-2) 30 MPH		12	EA	\$ 132,000.00
24150	TYPE 3 BARRICADE 4'		38	EA	\$ 15,200.00
24160	CONSTRUCTION SIGNS		9122	SF	\$ 273,660.00
24265	NS MAINTENANCE OF TRAFFIC		1	LS	\$ 2,111,870.00
24282	FLAGGERS		1000	HR	\$ 65,000.00
24272	TRUCK MOUNTED ATTENUATOR		5	EA	\$ 475,000.00
24278	GROUP 2 CHANNELIZING DEVICES		629	EA	\$ 53,465.00
24279	PORT.CHANGEABLE MESS. SIGN		6	EA	\$ 201,000.00
24281	ELECTRONIC ARROW		9	EA	\$ 58,500.00
24288	NS WARNING LIGHT TY. B		83	EA	\$ 22,825.00
24290	TRAFFIC BARRIER SERVICE MB-7D PC		33240	LF	\$ 1,529,040.00
24293	TRAFFIC BARRIER SERVICE MB-7D PC RELOCATE		41400	LF	\$ 289,800.00
24330	INCIDENT MANAGEMENT PLAN		1	LS	\$ 725,000.00
24332	NS SIGNAL MODIFICATIONS		1	LS	\$ 15,000.00
51000	TEMPORARY SIGNAL		1	LS	\$ 42,000.00
13280	GR-MGS1		2110	LF	\$ 67,520.00
13282	GUARDRAIL GR-MGS1, 9' POSTS		25454	LF	\$ 967,252.00
13286	GUARDRAIL TERMINAL GR-MGS2		20	EA	\$ 70,400.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		19	EA	\$ 33,440.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		48	EA	\$ 52,800.00
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I		27	EA	\$ 83,160.00
13393	FIXED OBJECT ATTACH. GR-FOA-2 TY. II		21	EA	\$ 9,975.00
13394	FIXED OBJECT ATTACH. GR-FOA-5		3	EA	\$ 11,550.00
13400	GUARDRAIL REPAIRS		1	LS	\$ 35,000.00
13607	IMPACT ATTEN. STD. IA-1, TL-3>=40 MPH DES.SP.		6	EA	\$ 184,800.00
22643	FENCE FE-CL		2000	LF	\$ 70,000.00
22653	LINE BRACE UNIT FE-CL		2	EA	\$ 500.00
22663	CORNER BRACE UNIT FE-CL		8	EA	\$ 2,000.00
22908	GATE FE-G L=12'		5	EA	\$ 41,250.00
23600	NS FENCE - NAVY FENCE		2940	LF	\$ 441,000.00
23570	TEMP. SAFETY SECURITY FENCE 4'		3000	LF	\$ 49,500.00
24600	REMOVE EXISTING GUARDRAIL		34150	LF	\$ 102,450.00
27100	PERMANENT SEEDING		12.4	ACRE	\$ 44,268.00
27101	TEMPORARY SEEDING		37.2	ACRE	\$ 90,024.00
27215	FERTILIZER (15-30-15)		3	TON	\$ 2,934.00
27250	LIME		25	TON	\$ 14,375.00
27288	EROSION CONTROL MULCH		12.4	ACRE	\$ 20,708.00
27318	PROTECTIVE COVERING EC-2		10000	SY	\$ 12,000.00
27325	PROTECTIVE COVERING EC-3		10000	SY	\$ 23,000.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
27451	INLET PROTECTION , TYPE A		150	EA	\$ 51,750.00
27461	INLET PROTECTION, TYPE B		150	EA	\$ 51,750.00
39011	INLET PROTECTION , TYPE C		7	EA	\$ 2,415.00
27504	TEMP. SILT FENCE TYPE B		33500	LF	\$ 83,750.00
28811	MULCHING		1000	CY	\$ 69,000.00
28820	WATERING		34	MGAL	\$ 5,882.00
39001	NS 2 INCH CAL SHADE / CANOPY TREES		325	EA	\$ 82,875.00
39001	NS 7 FOOT HT EVERGREEN TREES		186	EA	\$ 61,380.00
39001	NS 2 INCH CAL FLOWERING / UNDERSTORY TREES		417	EA	\$ 106,335.00
38950	NS #SP4 VINES		1194	EA	\$ 16,716.00
38950	NS PLUGS		5386	EA	\$ 29,623.00
28552	NS NATIVE WET MEADOW SEED		8053	SY	\$ 16,106.00
54032	TY. B CL I PAVE LINE MARK 4"		10438	LF	\$ 5,219.00
54034	TY. B CL I PAVE LINE MARK 6"		486258	LF	\$ 486,258.00
54076	TY. B CL. VI PAVE MARK 6"		107450	LF	\$ 440,545.00
54078	TY. B CL. VI PAVE. LINE MARK. 12"		14200	LF	\$ 113,600.00
54080	TY. B CL VI CONTRAST 6"		90403	LF	\$ 542,418.00
54100	PAVE MESS MARK. "E-Z PASS" LOGO		5	EA	\$ 9,750.00
54101	PAVE MESS MARK. "ONLY"		5	EA	\$ 8,650.00
54105	ERADICATION OF EXIST. LINEAR PVMT MARKING		430658	LF	\$ 430,658.00
54106	ERADICATION OF EXIST. NONLINEAR PVMT MRKG		100	SF	\$ 300.00
54107	TUBULAR MARKERS		34	EA	\$ 2,941.00
54210	REM.EXIST.RAISED PAVE. MARKER		865	EA	\$ 12,975.00
54219	INLAID PAVEMENT MARKERS - ASPHALT		1206	EA	\$ 48,240.00
54220	INLAID PAVEMENT MARKERS - CONCRETE		365	EA	\$ 18,980.00
54312	TEMPORARY TURN ARROW		4	EA	\$ 916.00
54391	PVMT MESSAGE MARK. "ONLY", TY A		2	EA	\$ 458.00
54590	SYMB MRKG LANE REDUCTION ARROW TY B		4	EA	\$ 3,444.00
24503	NS REMOVE EXISTING ITS INFRASTRUCTURE		1	LS	\$ 80,000.00
24504	NS REMOVE EXISTING LIGHTING INFRASTRUCURE		1	LS	\$ 440,000.00
24503	NS REMOVE EXIST. GROUND MOUNTED SIGNS & SUPPORTS		1	LS	\$ 27,000.00
50108	SIGN PANEL (GROUND MOUNT)		2542	SF	\$ 111,848.00
50108	SIGN PANEL (OVERHEAD)		6243	SF	\$ 274,692.00
50108	MILE MARKER SIGNS, CROUND MOUNT		65	EA	\$ 32,825.00
50108	MILE MARKER SIGNS, BARRIER MOUNT		35	EA	\$ 20,160.00
50310	NS REMOVE EXISTING OVERHEAD SIGN STRUCTURE		1	EA	\$ 53,600.00
50380	NS SIGN STRUCTURE, OVERHEAD BUTTERFLY		1	EA	\$ 84,700.00
50381	NS SIGN STRUCTURE, OVERHEAD SPAN 60' - 100'		10	EA	\$ 1,670,000.00
50381	NS SIGN STRUCTURE, OVERHEAD SPAN 121' - 140'		3	EA	\$ 672,000.00
50381	NS SIGN STRUCTURE, OVERHEAD SPAN OVER 140'		2	EA	\$ 720,000.00
50382	NS SIGN STRUCTURE, OVERHEAD CANTILEVER UP TO 50'		6	EA	\$ 525,000.00
50404	VA SIGN POST, W4 X 13		126	LF	\$ 16,128.00
50419	VIA SIGN POST, W18X40		180	LF	\$ 51,660.00
50421	VIA SIGN POST, W21X44		81	LF	\$ 25,353.00
50434	SIGN POST STP-1, 2 1/2", 10 GAGE		56	LF	\$ 2,044.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
50436	SIGN POST STP-1, 2 1/2", 12 GAGE		84	LF	\$ 3,066.00
50486	CONCRETE FOUNDATION STP-1 TY. B		10	EA	\$ 14,700.00
50502	CONC.FOUND.SSP-VA 1'9"DIA.X4'6"DEPTH		4	EA	\$ 8,440.00
50568	CONC.FOUND.SSP-VI A 4'0" DIA.X12' DEPTH		9	EA	\$ 67,230.00
50572	CONC.FOUND.SSP-VA A 4'0" DIA.X13'6" DEPTH		3	EA	\$ 24,810.00
50575	CONC.FOUND.O/H SIGN STRUCTURE		870	CY	\$ 1,957,500.00
50348	NS RELOC.EXIST SIGN PANELS TO NEW OVERHEAD SIGN		1	EA	\$ 23,300.00
51170	ITS ELECTRICAL SERVICE		24	EA	\$ 156,240.00
55343	SE-6 ELECTRICAL SERVICE		10	EA	\$ 104,000.00
51198	PEDESTRIAN ACTUATION PA-2		4	EA	\$ 2,512.00
51210	PEDESTRIAN POLE PF-2, 10'		3	EA	\$ 4,050.00
51260	CONCRETE FOUNDATION (ITS POLES)		447	CY	\$ 1,005,750.00
51962	NS RELOCATE EXISTING DMS SIGN		3	EA	\$ 34,200.00
51962	NS RELOCATE EXISTING ITS INTRASTRUCTURE		1	EA	\$ 3,270.00
59050	NS RELOCATE EXISTING CCTV POLE & CAMERA		2	EA	\$ 18,700.00
52403	PEDESTRIAN SIGNAL HEAD SP-8		4	EA	\$ 3,444.00
55001	0 CONDUCTOR CABLE		2000	LF	\$ 21,000.00
55020	2 CONDUCTOR CABLE		51000	LF	\$ 382,500.00
55040	4 CONDUCTOR CABLE		8855	LF	\$ 33,649.00
55060	6 CONDUCTOR CABLE		13655	LF	\$ 51,889.00
55080	8 CONDUCTOR CABLE		2500	LF	\$ 6,250.00
55120	14 CONDUCTOR CABLE		2590	LF	\$ 2,849.00
55126	CONDUCTOR CABLE, NO. 8 EGC		1200	LF	\$ 1,800.00
55140	CONCRETE FOUNDATION LF-1 TY. A		62	EA	\$ 150,040.00
55160	LIGHTING POLE LP-1 40' MNTG HT, 15' ARM		82	EA	\$ 642,880.00
55385	ELECTRICAL SERVICE WORK PAD		10	EA	\$ 10,000.00
55505	NS LED LUMINAIRE (ON POLE)		111	EA	\$ 126,540.00
55505	NS LED LUMINAIRE (UNDERBRIDGE)		20	EA	\$ 17,620.00
55506	NS BRIDGE MOUNT JUNCTION BOX		28	EA	\$ 66,920.00
55581	JUNCTION BOX JB-R2		30	EA	\$ 114,300.00
55586	JUNCTION BOX JB-S1		62	EA	\$ 146,940.00
55588	JUNCTION BOX JB-S3		33	EA	\$ 106,920.00
55589	JUNCTION BOX JB-S4		20	EA	\$ 109,400.00
56014	ELECTRIC SERVICE GROUND ELECTRODE (10')		1	EA	\$ 165.00
56032	2" FRE CONDUIT (BRIDGE MOUNT)		1000	LF	\$ 50,500.00
56040	4" METAL CONDUIT		1000	LF	\$ 59,000.00
56051	BORED CONDUIT 3"		900	LF	\$ 40,500.00
56053	2" PVC CONDUIT		6600	LF	\$ 85,800.00
56054	3" PVC CONDUIT		10050	LF	\$ 130,650.00
56055	4" PVC CONDUIT		250	LF	\$ 10,375.00
56200	TRENCH EXCAVATION ECI-1		34900	LF	\$ 366,450.00
56205	TEST BORE		52	EA	\$ 258,440.00
57010	ITS CONTROLLER CABINET GROUND MOUNTED		22	EA	\$ 237,600.00
55385	CONCRETE MAINTENANCE PAD		22	EA	\$ 73,700.00
57011	ITS CONTROLLER CABINET POLE MOUNTED		2	EA	\$ 18,260.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
57025	GENERATOR ASSEMBLY		5	EA	\$ 520,000.00
57050	UNINTERRUPTIBLE POWER SUPPLY (ITS-CC)		13	EA	\$ 161,200.00
51995	UNINTERRUP. POWER SUPPLY BATTERY PACK		6	EA	\$ 100,800.00
51997	UNINTERRUP. POWER SUPPLY - GENERATOR COMM		5	EA	\$ 271,000.00
57060	CCTV CAMERA (DIGITAL)		11	EA	\$ 89,540.00
57080	CCTV COMPOSITE CABLE		1150	LF	\$ 6,210.00
57092	MVDS POLE 45'		4	EA	\$ 46,000.00
57093	CCTV CAMERA POLE 60' W/LOWERING DEVICE		11	EA	\$ 445,500.00
57104	DYNAMIC MESSAGE SIGN TYPE 2A FULL COLOR		6	EA	\$ 690,000.00
59050	AUTOMATED TRAFFIC CONTROL GATES		9	EA	\$ 458,100.00
59050	GATE FOUNDATIONS		9	EA	\$ 42,570.00
57140	DMS COMMUNICATION CABLE		3300	LF	\$ 22,770.00
57150	DMS SUPPORT MATERIALS PACKAGE		6	EA	\$ 33,480.00
57160	MVDS DETECTOR		22	EA	\$ 442,200.00
57165	MVDS COMPOSITE CABLE		2200	LF	\$ 20,240.00
57201	FIBER OPTIC CABLE 48 STRAND		25650	LF	\$ 207,765.00
57202	FIBER OPTIC CABLE 96 STRAND		68375	LF	\$ 553,837.50
57203	FIBER OPTIC DROP CABLE 12 STRAND		14000	LF	\$ 113,400.00
57204	PRE-TERMINATED FIBER PATCH PANEL		24	EA	\$ 69,600.00
57210	UNDERGROUND SPLICE ENCLOSURE		31	EA	\$ 98,580.00
57220	MANAGED FIELD ETHERNET SWITCH (100 MBPS)		24	EA	\$ 83,280.00
57225	DISTRIBUTION SFP MODULE (100 MBPS) SHORT HAUL		48	EA	\$ 90,240.00
57351	BORED ITS CONDUIT HDPE 2"		7590	LF	\$ 246,675.00
57352	BORED ITS CONDUIT HDPE 3"		2000	LF	\$ 104,000.00
57361	ITS CONDUIT 2"		24305	LF	\$ 315,965.00
57370	ITS CONDUIT 3"		10760	LF	\$ 446,540.00
58000	ITS TOLL GANTRY		3	EA	\$ 291,000.00
58000	TOLL GANTRY FOUNDATION		120	CY	\$ 270,000.00
58000	TOLL EQUIPMENT CABINET CONCRETE PAD		60	CY	\$ 135,000.00
58000	GENERATOR ASSEMBLY CONCRETE PAD		100	CY	\$ 225,000.00
58000	LAYER 3 SWITCH		1	EA	\$ 12,300.00
59060	TEMPORARY ITS		1	LS	\$ 428,000.00
59004	TEMPORARY LIGHTING		1	LS	\$ 165,000.00
58000	LANE USE SIGNALS		5	EA	\$ 44,850.00
59050	NS ITS TESTING & INTEGRATION		1	EA	\$ 100,000.00
58000	NS MODIFY GATE ARM		3	EA	\$ 30,000.00
58000	NS REPLACE LOAD CENTER		3	EA	\$ 16,740.00
13752	REPLACE EXISTING NOISE BARRIER		6225	SF	\$ 653,625.00
13755	GRND. MOUNTED NOISE BARRIER		39905	SF	\$ 3,192,400.00
13543	MECHANICALLY STABILIZED EARTH WALLS (MSE)		10879	SF	\$ 4,405,995.00
13530	GRAVITY RW-3 RETAINING WALLS		1	LS	\$ 3,650,000.00
	***BRIDGE - I-64 EB OVER GRANBY STREET				
68172	CRACK REPAIR TYPE B		22	LF	\$ 1,100.00
69500	CONCRETE SUBSTR. SURFACE REPAIRS		10	SY	\$ 18,500.00
68600	CONCRETE SUPERSTR. SURFACE REPAIRS		1	SY	\$ 5,530.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
68472	RECOAT EXISTING STRUCTURE		1	LS	\$ 195,000.00
68490	DISPOSAL OF MATERIAL		1	LS	\$ 2,500.00
68474	ENVIRONMENTAL PROTECTION & HEALTH SAFETY		1	LS	\$ 20,000.00
68180	GALVANIC ANODES		40	EA	\$ 2,460.00
68200	ULTRASONIC IMPACT TREATMENT		82	LF	\$ 14,924.00
66921	REPAIR SLOPE PROTECTION		1	LS	\$ 24,800.00
68590	JACKING AND BLOCKING BEAMS		64	EA	\$ 256,000.00
68192	REPLACE BEARINGS		64	EA	\$ 353,280.00
60700	CLEAN & WASH ABUTMENTS & PIERS		1	LS	\$ 9,110.00
67900	DISMANTLE AND REMOVE PORTION OF EXISTING STRUCTU		1	LS	\$ 95,700.00
68317	TYPE A MILLING 1.5"		1402	SY	\$ 40,658.00
68642	TYPE A HYDRO-DEMOLITION 0.5"		1402	SY	\$ 102,346.00
68618	FURNISH & PLACE 2" LATEX MODIFIED CONC. OVERLAY		1402	SY	\$ 175,250.00
68339	DECK JOINT CLOSURE - PIERS		217	LF	\$ 288,610.00
68578	BACKWALL RECONSTRUCTION		139	LF	\$ 79,230.00
68520	VIRGINIA MICRO ABUTMENTS		143	LF	\$ 188,760.00
64011	STRUCTURE EXCAVATION		282	CY	\$ 139,872.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD.	(F)	109	CY	\$ 233,260.00
60450	CONC. CL. A4 BRIDGE APPR. SLAB	(F)	74	CY	\$ 80,660.00
60452	REINF. STEEL BRIDGE APPR. SLAB		16240	LB	\$ 68,208.00
68090	BRIDGE DECK GROOVING		1752	SY	\$ 12,264.00
61812	FABRICATED STRUCTURAL STEEL		1	LS	\$ 905,000.00
62024	BRIDGE PARAPET, BPB-4		284	LF	\$ 112,464.00
62024	MODIFIED BRIDGE PARAPET		13	LF	\$ 12,766.00
64032	GEOCOMPOSITE WALL DRAIN		41	SY	\$ 1,865.50
64036	PIPE UNDERDRAIN 6"		47	LF	\$ 611.00
68407	EPOXY RESIN COATING		25	SY	\$ 2,025.00
67260	BRIDGE CONDUIT SYSTEM		569	LF	\$ 29,872.50
64101	DYNAMIC PILE TEST		4	EA	\$ 6,000.00
64412	PRESTR. CONC. PILE 12" - PRODUCTION		835	LF	\$ 101,870.00
64808	PRESTR. CONC. TEST PILE 12"		140	LF	\$ 37,940.00
64875	PREBORE THROUGH EXISTING FILL		278	LF	\$ 33,082.00
64875	MICROPILES PRODUCTION		1531	LF	\$ 506,761.00
64875	MICROPILE MOB		3	EA	\$ 14,010.00
64875	MICROPILE TESTING		3	EA	\$ 98,400.00
65013	CONCRETE CLASS A3	(F)	150	CY	\$ 334,500.00
65200	REINF. STEEL		24850	LB	\$ 49,700.00
65211	CORROSION RESISTANT REINF. STEEL CL. I		28000	LB	\$ 229,600.00
66740	CONCRETE SLAB SLOPE PROTECTION		226	SY	\$ 63,506.00
67910	NS NBIS ACCESS		1	LS	\$ 7,130.00
60495	COVER DEPTH SURVEY		1778	SY	\$ 5,334.00
64050	SUPPORT OF EXCAVATION		336	SF	\$ 50,736.00
	***BRIDGE I-64 EB OVER I-564				
68172	CRACK REPAIR TYPE B		492	LF	\$ 12,300.00
69500	CONCRETE SUBSTRUCTURE SURFACE REPAIR		34	SY	\$ 46,240.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
68600	CONCRETE SUPERSTRUCTURE SURFACE REPAIR		2	SY	\$ 11,060.00
68330	TYPE C PATCHING		4	SY	\$ 11,600.00
68474	RECOAT EXISTING STRUCTURE		1	LS	\$ 475,000.00
68490	DISPOSAL OF MATERIAL		1	LS	\$ 5,500.00
68474	ENVIRONMENTAL PROTECTION & HEALTH SAFETY		1	LS	\$ 35,000.00
68201	STEEL BEAM REPAIR		38	EA	\$ 190,000.00
68180	SUPERSTRUCTURE EMBEDDED GALVANIC ANODES		16	EA	\$ 976.00
68200	ULTRASONIC IMPACT TREATMENT		5	LF	\$ 1,475.00
66921	REPAIR SLOPE PROTECTION		1	LS	\$ 22,300.00
68180	SUBSTRUCTURE EMBEDDED GALVANIC ANODES		136	EA	\$ 8,296.00
68590	JACKING & BLOCKING BEAM		40	EA	\$ 231,200.00
68192	REPLACE BEARINGS		40	EA	\$ 262,000.00
60700	CLEAN & WASH ABUTMENTS & PIERS		1	LS	\$ 11,400.00
67900	REMOVE PORTION OF EXISTING STRUCTURE		1	LS	\$ 179,000.00
68317	TYPE A MILLING		1638	SY	\$ 43,407.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		1638	SY	\$ 118,755.00
68618	FURNISH & PLACE LATEX MODIFIED CONCRETE 2"		1638	SY	\$ 196,560.00
68578	BACK WALL RECONSTRUCTION		156	LF	\$ 101,712.00
68520	VIRGINIA MICRO ABUTMENTS		167	LF	\$ 232,130.00
68573	EXPANSION JOINT RECONSTRUCTION (VERY HIGH EARLY		220	LF	\$ 268,400.00
64011	STRUCTURE EXCAVATION		995	CY	\$ 227,855.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD.	(F)	287	CY	\$ 479,290.00
60450	CONC. CL. A4 BRIDGE APPR. SLAB	(F)	54	CY	\$ 66,960.00
60452	REINF. STEEL BRIDGE APPR. SLAB		15720	LB	\$ 66,024.00
68090	BRIDGE DECK GROOVING		2620	SY	\$ 18,340.00
61812	FABRICATED STRUCTURAL STEEL		1	LS	\$ 2,110,000.00
62024	BRIDGE PARAPET, BPB-4		433	LF	\$ 180,561.00
64015	SELECT BACKFILL		310	CY	\$ 51,460.00
64032	GEOCOMPOSITE WALL DRAIN		99	SY	\$ 4,158.00
64036	PIPE UNDERDRAIN 6"		106	LF	\$ 1,325.00
68407	EPOXY RESIN COATING		118	SY	\$ 6,785.00
67260	BRIDGE CONDUIT SYSTEM		866	LF	\$ 45,898.00
67260	BRIDGE MOUNTED CONDUIT SYSTEM		405	LF	\$ 162,000.00
64101	DYNAMIC PILE TEST		2	EA	\$ 3,000.00
64412	PRESTR. CONC. PILE 12" - PRODUCTION		972	LF	\$ 94,770.00
64808	PRESTR. CONC. TEST PILE 12"		97	LF	\$ 20,176.00
64824	PREBORE THROUGH EXISTING FILL		285	LF	\$ 26,932.50
64875	MICROPILES PRODUCTION		5878	LF	\$ 1,839,814.00
64875	MICROPILE MOB		4	EA	\$ 18,680.00
64875	MICROPILE TESTING		4	EA	\$ 142,000.00
65013	CONCRETE CLASS A3	(F)	468	CY	\$ 748,800.00
65200	REINF. STEEL		66715	LB	\$ 133,430.00
65211	CORROSION RESISTANT REINF. STEEL CL. I		79100	LB	\$ 522,060.00
66740	CONCRETE SLAB SLOPE PROTECTION		577	SY	\$ 141,942.00
67910	NS NBIS ACCESS		4	DAY	\$ 22,400.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
60495	COVER DEPTH SURVEY		2503	SY	\$ 7,509.00
64050	SUPPORT OF EXCAVATION		3874	SF	\$ 623,714.00
65708	BRIDGE PIER PROTECTION		509	LF	\$ 585,350.00
	***BRIDGE I-64 EB OVER LITTLE CREEK RD				
68172	CRACK REPAIR TYPE B		72	LF	\$ 3,204.00
69500	CONCRETE SUBSTRUCTURE SURFACE REPAIR		24	SY	\$ 40,320.00
68474	RECOAT EXISTING STRUCTURE		1	LS	\$ 205,000.00
68490	DISPOSAL OF MATERIAL		1	LS	\$ 3,000.00
68474	ENVIRONMENTAL PROTECTION & HEALTH SAFETY		1	LS	\$ 20,000.00
68198	GRIND MINOR DEFECT		1	EA	\$ 2,000.00
68200	ULTRASONIC IMPACT TREATMENT		122	LF	\$ 20,130.00
66921	REPAIR SLOPE PROTECTION		1	LS	\$ 21,700.00
68180	SUBSTRUCTURE EMBEDDED GALVANIC ANODES		96	EA	\$ 10,080.00
68590	JACKING & BLOCKING BEAM		80	EA	\$ 331,200.00
68192	REPLACE BEARINGS		80	EA	\$ 408,800.00
60700	CLEAN & WASH ABUTMENTS & PIERS		1	LS	\$ 9,110.00
67900	REMOVE PORTION OF EXISTING STRUCTURE		1	LS	\$ 80,000.00
68317	TYPE A MILLING		1364	SY	\$ 38,874.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		1364	SY	\$ 99,572.00
68618	FURNISH & PLACE LATEX MODIFIED CONCRETE 2"		1364	SY	\$ 160,952.00
68339	DECK JOINT CLOSURE - PIERS		200	LF	\$ 282,000.00
68578	BACK WALL RECONSTRUCTION		137	LF	\$ 79,871.00
68520	VIRGINIA MICRO ABUTMENTS		133	LF	\$ 183,540.00
64011	STRUCTURE EXCAVATION		187	CY	\$ 31,416.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD.	(F)	76	CY	\$ 188,480.00
60450	CONC. CL. A4 BRIDGE APPR. SLAB	(F)	57	CY	\$ 64,410.00
60452	REINF. STEEL BRIDGE APPR. SLAB		9600	LB	\$ 40,320.00
68090	BRIDGE DECK GROOVING		1618	SY	\$ 11,326.00
61812	FABRICATED STRUCTURAL STEEL		1	LS	\$ 860,000.00
62024	BRIDGE PARAPET, BPB-4		240	LF	\$ 109,920.00
64032	GEOCOMPOSITE WALL DRAIN		14	SY	\$ 924.00
64036	PIPE UNDERDRAIN 6"		32	LF	\$ 512.00
68407	EPOXY RESIN COATING		16	SY	\$ 1,472.00
67260	BRIDGE CONDUIT SYSTEM		452	LF	\$ 23,504.00
64101	DYNAMIC PILE TEST		4	EA	\$ 6,000.00
64412	PRESTR. CONC. PILE 12" - PRODUCTION		960	LF	\$ 106,560.00
64808	PRESTR. CONC. TEST PILE 12"		192	LF	\$ 40,320.00
64824	PREBORE THROUGH EXISTING FILL		157	LF	\$ 33,127.00
64875	MICROPILE PRODUCTION		1352	LF	\$ 440,752.00
64875	MICROPILE MOB		3	EA	\$ 14,010.00
64875	MICROPILE TESTING		3	EA	\$ 112,800.00
65013	CONCRETE CLASS A3	(F)	86	CY	\$ 232,200.00
65200	REINF. STEEL		14400	LB	\$ 28,800.00
65211	CORROSION RESISTANT REINF. STEEL CL. I		19000	LB	\$ 136,800.00
66740	CONCRETE SLAB SLOPE PROTECTION		159	SY	\$ 39,750.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
67910	NS NBIS ACCESS		4	DAY	\$ 7,120.00
60495	COVER DEPTH SURVEY		1597	SY	\$ 4,791.00
64050	SUPPORT OF EXCAVATION		1108	SF	\$ 236,004.00
	***BRIDGE I-64 EB OVER TIDEWATER DR				
68172	CRACK REPAIR TYPE B		293	LF	\$ 6,885.50
69500	CONCRETE SUBSTRUCTURE SURFACE REPAIR		36	SY	\$ 64,800.00
68600	CONCRETE SUPERSTRUCTURE SURFACE REPAIR		1	SY	\$ 5,530.00
68330	TYPE C PATCHING		1	SY	\$ 2,900.00
68474	RECOAT EXISTING STRUCTURE		1	LS	\$ 255,000.00
68490	DISPOSAL OF MATERIAL		1	LS	\$ 2,500.00
68474	ENVIRONMENTAL PROTECTION & HEALTH SAFETY		1	LS	\$ 25,000.00
68198	GRIND MINOR DEFECT		2	EA	\$ 4,000.00
68201	STEEL BEAM REPAIR		14	EA	\$ 70,000.00
68200	ULTRASONIC IMPACT TREATMENT		54	LF	\$ 9,558.00
66921	REPAIR SLOPE PROTECTION		1	LS	\$ 16,300.00
68180	SUBSTRUCTURE EMBEDDED GALVANIC ANODES		290	EA	\$ 17,835.00
68180	SUPERSTRUCTURE EMBEDDED GALVANIC ANODES		12	EA	\$ 732.00
68590	JACKING & BLOCKING BEAM		72	EA	\$ 254,880.00
68192	REPLACE BEARINGS		72	EA	\$ 390,240.00
60700	CLEAN & WASH ABUTMENTS & PIERS		1	LS	\$ 8,570.00
67900	REMOVE PORTION OF EXISTING STRUCTURE		1	LS	\$ 97,500.00
68317	TYPE A MILLING		1442	SY	\$ 46,865.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		1442	SY	\$ 107,429.00
68618	FURNISH & PLACE LATEX MODIFIED CONCRETE 2"		1442	SY	\$ 197,554.00
68339	DECK JOINT CLOSURE - PIERS		232	LF	\$ 287,680.00
68578	BACK WALL RECONSTRUCTION		150	LF	\$ 84,000.00
68520	VIRGINIA MICRO ABUTMENTS		154	LF	\$ 175,560.00
64011	STRUCTURE EXCAVATION		194	CY	\$ 96,612.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD.	(F)	102	CY	\$ 230,520.00
60450	CONC. CL. A4 BRIDGE APPR. SLAB	(F)	85	CY	\$ 96,050.00
60452	REINF. STEEL BRIDGE APPR. SLAB		19150	LB	\$ 80,430.00
68090	BRIDGE DECK GROOVING		1746	SY	\$ 19,206.00
61812	FABRICATED STRUCTURAL STEEL		1	LS	\$ 855,000.00
67400	DECK DRAINAGE SYSTEM		1	LS	\$ 71,200.00
62024	BRIDGE PARAPET, BPB-4		325	LF	\$ 131,625.00
64015	SELECT BACKFILL		139	CY	\$ 23,630.00
64032	GEOCOMPOSITE WALL DRAIN		20	SY	\$ 930.00
64036	PIPE UNDERDRAIN 6"		34	LF	\$ 527.00
68407	EPOXY RESIN COATING		18	SY	\$ 1,098.00
67260	BRIDGE CONDUIT SYSTEM		554	LF	\$ 29,085.00
64101	DYNAMIC PILE TEST		4	EA	\$ 6,000.00
64412	PRESTR. CONC. PILE 12" - PRODUCTION		895	LF	\$ 101,135.00
64808	PRESTR. CONC. TEST PILE 12"		179	LF	\$ 39,738.00
64875	PREBORE THROUGH EXISTING FILL		182	LF	\$ 33,124.00
64875	MICROPILE PRODUCTION		1770	LF	\$ 554,010.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
64875	MICROPILE MOB		3	EA	\$ 14,010.00
64875	MICROPILE TESTING		3	EA	\$ 100,500.00
65013	CONCRETE CLASS A3	(F)	111	CY	\$ 267,510.00
65200	REINF. STEEL		14185	LB	\$ 28,370.00
65211	CORROSION RESISTANT REINF.STEEL CL. I		22800	LB	\$ 161,880.00
66740	CONCRETE SLAB SLOPE PROTECTION		195	SY	\$ 56,160.00
67910	NS NBIS ACCESS		4	DAY	\$ 7,120.00
60495	COVER DEPTH SURVEY		1726	SY	\$ 5,178.00
64050	SUPPORT OF EXCAVATION		260	SF	\$ 42,900.00
	***BRIDGE I-64 WB OVER TIDEWATER DR				
68172	CRACK REPAIR TYPE B		348	LF	\$ 9,744.00
69500	CONCRETE SUBSTRUCTURE SURFACE REPAIR		18	SY	\$ 32,400.00
68600	CONCRETE SUPERSTRUCTURE SURFACE REPAIR		1	SY	\$ 5,000.00
68330	TYPE C PATCHING		5	SY	\$ 14,500.00
68474	RECOAT EXISTING STRUCTURE		1	LS	\$ 305,000.00
68490	DISPOSAL OF MATERIAL		1	LS	\$ 3,500.00
68474	ENVIRONMENTAL PROTECTION & HEALTH SAFETY		1	LS	\$ 30,000.00
68198	GRIND MINOR DEFECT		12	EA	\$ 24,000.00
68201	STEEL BEAM REPAIR		3	EA	\$ 15,000.00
68200	ULTRASONIC IMPACT TREATMENT		54	LF	\$ 9,558.00
66921	REPAIR SLOPE PROTECTION		1	LS	\$ 19,000.00
68180	SUBSTRUCTURE EMBEDDED GALVANIC ANODES		142	EA	\$ 14,910.00
68180	SUPERSTRUCTURE EMBEDDED GALVANIC ANODES		38	EA	\$ 3,990.00
68590	JACKING & BLOCKING BEAM		96	EA	\$ 335,040.00
68192	REPLACE BEARINGS		96	EA	\$ 495,360.00
60700	CLEAN & WASH ABUTMENTS & PIERS		1	LS	\$ 7,690.00
67900	REMOVE PORTION OF EXISTING STRUCTURE		1	LS	\$ 95,000.00
68317	TYPE A MILLING		1710	SY	\$ 52,155.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		1710	SY	\$ 125,685.00
68618	FURNISH & PLACE LATEX MODIFIED CONCRETE 2"		1710	SY	\$ 229,140.00
68339	DECK JOINT CLOSURE - PIERS		308	LF	\$ 403,480.00
68578	BACK WALL RECONSTRUCTION		203	LF	\$ 103,936.00
68520	VIRGINIA MICRO ABUTMENTS		204	LF	\$ 242,760.00
64011	STRUCTURE EXCAVATION		150	CY	\$ 74,250.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD.	(F)	49	CY	\$ 160,720.00
60450	CONC. CL. A4 BRIDGE APPR. SLAB	(F)	105	CY	\$ 110,250.00
60452	REINF. STEEL BRIDGE APPR. SLAB		23520	LB	\$ 98,784.00
68090	BRIDGE DECK GROOVING		1846	SY	\$ 19,383.00
61812	FABRICATED STRUCTURAL STEEL		1	LS	\$ 750,000.00
62024	BRIDGE PARAPET, BPB-4		273	LF	\$ 105,924.00
64015	SELECT BACKFILL		66	CY	\$ 11,352.00
64032	GEOCOMPOSITE WALL DRAIN		9	SY	\$ 504.00
64036	PIPE UNDERDRAIN 6"		18	LF	\$ 270.00
68407	EPOXY RESIN COATING		10	SY	\$ 970.00
67260	BRIDGE CONDUIT SYSTEM		546	LF	\$ 28,665.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

Attachment 4.7.2
State Project 0064-122-470

SCHEDULE OF ITEMS (ver. 4-15-2014)

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 9/15/2022

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
64101	DYNAMIC PILE TEST		4	EA	\$ 6,000.00
64412	PRESTR. CONC. PILE 12" - PRODUCTION		493	LF	\$ 53,244.00
64808	PRESTR. CONC. TEST PILE 12"		164	LF	\$ 39,196.00
64875	PREBORE THROUGH EXISTING FILL		134	LF	\$ 33,098.00
64875	MICROPILE PRODUCTION		1012	LF	\$ 311,696.00
64875	MICROPILE MOB		3	EA	\$ 14,010.00
64875	MICROPILE TESTING		3	EA	\$ 88,800.00
65013	CONCRETE CLASS A3	(F)	73	CY	\$ 183,230.00
65200	REINF. STEEL		8735	LB	\$ 17,470.00
65211	CORROSION RESISTANT REINF.STEEL CL. I		11520	LB	\$ 115,200.00
66740	CONCRETE SLAB SLOPE PROTECTION		142	SY	\$ 35,500.00
67910	NS NBIS ACCESS		4	DAY	\$ 7,120.00
60495	COVER DEPTH SURVEY		1834	SY	\$ 5,502.00
64050	SUPPORT OF EXCAVATION		260	SF	\$ 43,420.00
	***BRIDGE I-64 WB OVER GRANBY ST				
68590	JACKING & BLOCKING BEAM		48	EA	\$ 207,840.00
68192	REPLACE BEARINGS		48	EA	\$ 289,920.00
68317	TYPE A MILLING		1235	SY	\$ 37,050.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		1235	SY	\$ 90,772.50
68618	FURNISH & PLACE LATEX MODIFIED CONCRETE 2"		1235	SY	\$ 163,020.00
68339	DECK JOINT CLOSURE - PIERS		195	LF	\$ 273,000.00
68578	BACK WALL RECONSTRUCTION		133	LF	\$ 182,210.00
68520	VIRGINIA MICRO ABUTMENTS		133	LF	\$ 164,920.00
68090	BRIDGE DECK GROOVING		1235	SY	\$ 8,645.00
	***BRIDGE I-64 HOV OVER I-564 & LITTLE CREEK RD				
68590	JACKING & BLOCKING BEAM		28	EA	\$ 98,560.00
68192	REPLACE BEARINGS		28	EA	\$ 199,360.00
68317	TYPE A MILLING		2914	SY	\$ 78,678.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		2914	SY	\$ 209,808.00
68618	FURNISH & PLACE LATEX MODIFIED CONCRETE 2"		2914	SY	\$ 399,218.00
68573	EXPANSION JOINT RECONSTRUCTION (VERY HIGH EARLY		37	LF	\$ 242,720.00
68578	BACK WALL RECONSTRUCTION		68	LF	\$ 87,040.00
68520	VIRGINIA MICRO ABUTMENTS		68	LF	\$ 83,640.00
68090	BRIDGE DECK GROOVING		2914	SY	\$ 20,398.00
62055	NS BRIDGE MEDIAN BARRIER		860	LF	\$ 317,340.00
	***BRIDGE I-64 WB OVER LITTLE CREEK RD				
68590	JACKING & BLOCKING BEAM		108	EA	\$ 363,960.00
68192	REPLACE BEARINGS		108	EA	\$ 583,200.00
68317	TYPE A MILLING		1828	SY	\$ 50,270.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		1828	SY	\$ 131,616.00
68618	FURNISH & PLACE LATEX MODIFIED CONCRETE 2"		1828	SY	\$ 221,188.00
68339	DECK JOINT CLOSURE - PIERS		352	LF	\$ 432,960.00
68578	BACK WALL RECONSTRUCTION		88	LF	\$ 122,320.00
68520	VIRGINIA MICRO ABUTMENTS		88	LF	\$ 113,520.00
68090	BRIDGE DECK GROOVING		1828	SY	\$ 12,796.00

¹ Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).



4.7.3

Proposed Monthly Payment Schedule

**I-64 HAMPTON ROADS EXPRESS LANES (HREL) SEGMENT 1A
A DESIGN-BUILD PROJECT**

**CITY OF NORFOLK, VA
STATE PROJECT NO.: 0064-122-470,P101,R201,C501
CONTRACT ID NO.: C00117840DB112**

**WAGMAN-FAY SE A JOINT VENTURE
PROPOSED MONTHLY PAYMENT SCHEDULE 4.7.3**

Month	Projected Monthly Total	Projected Cumulative Total	Month	Projected Monthly Total	Projected Cumulative Total
Nov-2022	\$6,091,760.00	\$6,091,760.00	Feb-2025	\$2,580,691.90	\$128,814,465.63
Dec-2022	\$1,999,820.00	\$8,091,580.00	Mar-2025	\$3,662,742.88	\$132,477,208.51
Jan-2023	\$1,220,370.00	\$9,311,950.00	Apr-2025	\$6,663,312.45	\$139,140,520.96
Feb-2023	\$1,017,474.00	\$10,329,424.00	May-2025	\$5,350,552.68	\$144,491,073.63
Mar-2023	\$1,000,374.00	\$11,329,798.00	Jun-2025	\$5,170,668.30	\$149,661,741.93
Apr-2023	\$919,294.00	\$12,249,092.00	Jul-2025	\$4,301,245.75	\$153,962,987.69
May-2023	\$4,704,319.00	\$16,953,411.00	Aug-2025	\$4,176,909.66	\$158,139,897.35
Jun-2023	\$5,173,494.00	\$22,126,905.00	Sep-2025	\$4,754,486.68	\$162,894,384.03
Jul-2023	\$1,383,860.68	\$23,510,765.68	Oct-2025	\$5,266,321.40	\$168,160,705.43
Aug-2023	\$3,756,112.21	\$27,266,877.89	Nov-2025	\$4,189,994.38	\$172,350,699.81
Sep-2023	\$4,074,836.87	\$31,341,714.76	Dec-2025	\$1,401,083.20	\$173,751,783.00
Oct-2023	\$5,010,785.68	\$36,352,500.44			
Nov-2023	\$4,924,466.66	\$41,276,967.10			
Dec-2023	\$4,109,755.67	\$45,386,722.77			
Jan-2024	\$2,300,597.57	\$47,687,320.34			
Feb-2024	\$2,540,002.32	\$50,227,322.66			
Mar-2024	\$8,252,550.61	\$58,479,873.27			
Apr-2024	\$9,133,396.73	\$67,613,270.00			
May-2024	\$6,922,940.63	\$74,536,210.63			
Jun-2024	\$8,929,412.59	\$83,465,623.21			
Jul-2024	\$6,467,312.84	\$89,932,936.05			
Aug-2024	\$8,808,049.12	\$98,740,985.17			
Sep-2024	\$6,567,536.45	\$105,308,521.62			
Oct-2024	\$6,530,079.32	\$111,838,600.94			
Nov-2024	\$4,955,249.60	\$116,793,850.54			
Dec-2024	\$4,997,254.63	\$121,791,105.17			
Jan-2025	\$4,442,668.56	\$126,233,773.73			

Total: \$173,751,783.00



4.7.4

Price Adjustment Forms

**EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT**

**SPECIAL PROVISION FOR
ASPHALT MATERIAL PRICE ADJUSTMENT for DESIGN-BUILD PROJECTS**

June 26, 2018

All asphalt material listed in the attached "Asphalt Material Items Eligible for Price Adjustment" will be adjusted in accordance with the provisions as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract. Any item added through a Work Order which contains asphalt material will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

Each month, the Department will publish an average state-wide PG 64S-22 f.o.b. price per ton and an average PG 64E-22 f.o.b. price per ton developed from the average terminal prices provided to the Department from suppliers of asphalt cement to contractors doing work in Virginia. The Department will collect terminal prices from approximately 12 terminals each month. These prices will be received once each month from suppliers on or about the last weekday of the month. The high and low prices will be eliminated and the remaining values averaged to establish the average statewide price for the following month. That monthly state-wide average price will be posted on the Construction Division website on or about the first weekday of the following month. In the event the average prices were to change 10 percent or more of the Base Index during the middle of the month, the Design Builder can submit a letter to the Department and the supplier that provides evidence of the difference in price. Upon receipt of the letter consideration will be given to extend additional adjustments as deemed necessary.

This monthly statewide average price will be the Base Index for all contracts on which Price Proposals are received during the calendar month of its posting and will be the Current Index for all asphalt placed during the calendar month of its posting. In the event an index changes radically from the apparent trend, as determined by the Engineer, the Department may establish an index which is determined to best reflect the trend.

The amount of adjustment applied will be based on the difference between the Price Proposal/Contract Base Index and the Current Index for the applicable calendar month during which the work is performed. Calculations must be done for each type of Asphalt Material put in place each month, whether the Current Index is higher or lower than the Base Index. The calculation for the adjustment shall be shown as follows:

$$A = Q \times \%AC \times IC$$

Where: A = Asphalt Adjustment Dollar Amount

Q = Quantity of Asphalt Material put in place during the month

%AC = % of Asphalt Cement in the Asphalt Material as specified in the Job Mix Formula

IC = Numeric Dollar Difference, either positive or negative, between the Base Index and Current Index

Example Calculation for Negative Price Adjustment (Credit back to VDOT):

7,500 Tons of SM-12.5A put in place during the month (Q), Job Mix is 6.1% Asphalt Cement for SM-12.5A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$500/Ton, Difference of - \$15.00/Ton (IC)

$$7,500 \text{ Tons SM-12.5A} \times 6.1\% \times -\$15.00/\text{Ton} = -\$6,862.50 \text{ Adjustment Amount}$$

Example Calculation for Positive Price Adjustment (Paid to the Design-Builder):

10,000 Tons of BM-25.0A put in place during the month (Q), Job Mix is 5.2% Asphalt Cement for BM-25.0A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$560/Ton, Difference of + \$45.00/Ton (IC)

$$10,000 \text{ Tons BM-25.0A} \times 5.2\% \times \$45.00/\text{Ton} = +\$23,400.00 \text{ Adjustment Amount}$$

Adjustment of any asphalt material other than PG 64S-22 and PG 64E-22 will be based on the indexes for PG 64S-22. The quantity of asphalt cement for asphalt concrete pavement to which adjustment will be applied will be the quantity based on the percent of asphalt cement shown on the appropriate approved job mix formula.

The quantity of asphalt emulsion for surface treatments to which adjustment will be applied will be the quantity based on 65 percent residual asphalt.

Price adjustment will be shown as a separate entry on the monthly application of payment for work packages completed; however, such adjustment will not be included in the total cost of the work for progress determination or for extension of contract time. Items the Design-Builder claims in its application of payment for asphalt adjustments must include supporting calculations certified by the Quality Assurance Manager (QAM). These calculations shall be completed relative to the calendar month under which the work was performed and shall be submitted for either positive or negative adjustment.

Any apparent attempt to unbalance bids in favor of items subject to price adjustment or failure to submit required cost and price data as noted hereinbefore may result in rejection of items for asphalt adjustment.

VIRGINIA DEPARTMENT OF TRANSPORTATION
**MASTER LISTING OF
ASPHALT MATERIAL ITEMS ELIGIBLE FOR PRICE ADJUSTMENT**

ITEM	DESCRIPTION	UNITS	SPECIFICATION
10062	Asphalt-Stab. Open-Graded Material	Ton	313
10416	Liquid Asphalt	Gal	311 312
10417	Tack Coat	Gal	310
10420	Blotted Seal Coat Ty. B	Sy	ATTD
10422	Blotted Seal Coat Ty. C	Sy	ATTD
10423	Blotted Seal Coat Ty. C-1	Sy	ATTD
10424	Blotted Seal Coat Ty. D	Sy	ATTD
10598	NS Asphalt Concrete	Ton	315
10603	Asphalt Concrete Ty. SM-19.0A	Ton	315
10604	Asphalt Concrete Ty. SM-19.0D	Ton	315
10605	Asphalt Concrete Ty. SM-19.0E (64E)	Ton	315
10606	Asphalt Concrete Ty. SM-9.5	Ton	315
10607	Asphalt Concrete Ty. SM-12.5A	Ton	315
10608	Asphalt Concrete Ty. SM-12.5D	Ton	315
10609	Asphalt Concrete Ty. SM-12.5E (64E-22)	Ton	315
10610	Asphalt Concrete Ty. IM-19.0A	Ton	315
10611	Asphalt Concrete Ty. IM-19.0D	Ton	315
10612	Asphalt Conc. Base Cr. Ty. BM-25.0	Ton	315
10614	Asphalt Concrete Ty. IM-19.0E (64E)	Ton	315
10613	Asphalt Concrete Ty. BM-37.5	Ton	315
10635	Asphalt Concrete Ty. SM-9.5A	Ton	315
10636	Asphalt Concrete Ty. SM-9.5D	Ton	315
10637	Asphalt Concrete Ty. SM-9.5E (64E-22)	Ton	315
10639	Asphalt Concrete Ty. SM-19.0	Ton	315
10642	Asphalt Concrete Ty. BM-25.0A	Ton	315
10643	Asphalt Concrete Ty. BM-25.0D	Ton	315
10650	Stone Matrix Asphalt SMA-9.5(64H-22)	Ton	317
10651	Stone Matrix Asphalt SMA-9.5(64E-22)	Ton	317
10652	Stone Matrix Asphalt SMA-12.5(64H-22)	Ton	317
10653	Stone Matrix Asphalt SMA-12.5(64E-22)	Ton	317
10654	Stone Matrix Asphalt SMA-19.0(64H-22)	Ton	317
10655	Stone Matrix Asphalt SMA-19.0(64E-22)	Ton	317
10701	Liquid Asphalt Coating	Sy	ATTD
12505	Asphalt Concrete Curb Backup Material	Ton	315
13240	Asphalt Concrete Sidewalk	Ton	504
16110	Emul. Asph. Slurry Seal Type A	Sy	ATTD
16120	Emul. Asph. Slurry Seal Type B	Sy	ATTD
16130	Emul. Asph. Slurry Seal Type C	Sy	ATTD
16144	Latex Mod. Emul. Treat. Type B	Ton	ATTD
16145	Latex Mod. Emul. Treat. Type C	Ton	ATTD

16146	Latex Mod. Emul. Treat. Rutfilling	Ton	ATTD
16161	Modified Single Seal	Sy	ATTD
16162	Modified Double Seal	Sy	ATTD
16249	Nontracking Tack Coat	Gal	ATTD
16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD
16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal	ATTD
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD
16256	Liquid Asphalt Matl. RC-800	Gal	ATTD
16257	Ns Liquid Asphalt Matl.	Gal	ATTD
16260	Liquid Asphalt Matl. CRS-2L	Gal	ATTD
16325	NS Asphalt Concrete	Ton	N/A
16326	Asphalt Concrete Ty. SM-4.75A	Ton	315
16327	Asphalt Concrete Ty. SM-4.75D	Ton	315
16328	Asphalt Concrete Ty. SM-4.75E	Ton	315
16330	Asphalt Concrete Ty. SM-9.0A	Ton	315
16335	Asphalt Concrete Ty. SM-9.5A	Ton	315
16337	Asph. Conc. Ty. SM-9.5ASL (Spot Level)	Ton	315
16340	Asphalt Concrete Ty. SM-9.5D	Ton	315
16342	Asph. Conc. Ty. SM-9.5DSL (Spot Level)	Ton	315
16345	Asphalt Concrete Ty. SM-9.5E (64E-22)	Ton	315
16350	Asphalt Concrete Ty. SM-12.5A	Ton	315
16352	Asph. Con. Ty. SM-12.5ASL (Spot Level)	Ton	315
16355	Asphalt Concrete Ty. SM-12.5D	Ton	315
16357	Asph. Con. Ty. SM-12.5DSL (Spot Level)	Ton	315
16360	Asphalt Concrete Ty. SM-12.5E (64E-22)	Ton	315
16364	Asphalt Concrete Ty. SM-19.0E (64E)		
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
16371	Asphalt Concrete Ty. IM-19.0E (64E)		
16373	Asphalt Concrete Ty. IM-19.0A (T)	Ton	315
16374	Asphalt Concrete Ty. IM-19.0D (T)	Ton	315
16377	Asphalt Concrete Ty. BM-37.5	Ton	315
16379	Asphalt Concrete Ty. IM-19.0T	Ton	315
16390	Asphalt Concrete Ty. BM-25.0A	Ton	315
16392	Asphalt Concrete Ty. BM-25.0D	Ton	315
16395	Asphalt Concrete Ty. BM-25.0A (T)	Ton	315
16397	Asphalt Concrete Ty. BM-25.0D (T)	Ton	315
16400	Stone Matrix Asphalt SMA-9.5(64H-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(64E-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(64H-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(64E-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(64H-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(64E-22)	Ton	ATTD
16490	Hot Mix Asphalt Treatment	Ton	ATTD
16500	Surf.Preparation & Restoration Type I	Ton	ATTD

16502	Surf.Preparation & Restoration Type II	Ton	ATTD
16504	Surf.Preparation & Restoration Type III	Ton	ATTD
67201	NS Asphalt Concrete Overlay	Ton	315
67210	NS Asphalt Concrete	Ton	315
68240	NS Asphalt Concrete	Ton	315

**EXHIBIT 6.3 (c)
ADJUSTMENT FOR FUEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
OPTIONAL ADJUSTMENT FOR FUEL
DESIGN-BUILD PROJECTS**

June 26, 2018

In the event the Design-Builder elects to seek adjustment for fuel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract.

The Design-Builder shall submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in fuel used on specific items of work identified in this provision. The optional fuel item listing eligible for fuel adjustment is provided by the Department at this website: <http://www.virginiadot.org/business/const/resource.asp>. The listing on the web site also includes the corresponding fuel factor for each item. The fuel usage factor for each item is considered inclusive of all fuel usage.

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in the Schedule of Items those pay items and the associated quantities it chooses to have fuel adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for fuel adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Schedule of Items shall not be considered for adjustment.

The monthly index price to be used in the administration of this provision will be calculated by the Department from the Diesel fuel prices published by the U. S. Department of Energy, Energy Information Administration on highway diesel prices, for the Lower Atlantic region. The monthly index price will be the price for diesel fuel calculated by averaging each of the weekly posted prices for that particular month.

For the purposes of this provision, the base index price will be calculated using the data from the month preceding the receipt of bids. The base index price will be posted by the Department at the beginning of the month for all bids received during that month.

The current index price will be posted by the Department and will be calculated using the data from the month preceding the particular estimate being vouchered for payment.

The current monthly quantity for eligible items of work selected by the Design-Builder for fuel adjustment in its work packages will be multiplied by the appropriate fuel factor to determine the gallons of fuel to be cost adjusted. The amount of adjustment per gallon will be the net difference between the current index price and the base index price. Computation for adjustment will be made as follows:

$$S = (E - B) QF$$

Where; S = Monetary amount of the adjustment (plus or minus)

B = Base index price

E = Current index price

Q = Quantity of individual units of work

F = Appropriate fuel factor

Adjustments will not be made for work performed beyond the original contract time limit unless the original time limit has been changed by an executed Work Order.

If new pay items are added to this contract by Work Order and they are listed in the Department's master listing of eligible items, the Work Order must indicate which of these individual items will be fuel adjusted; otherwise, those items will not be fuel adjusted. If applicable, designating which new pay items will be added for fuel adjustment must be determined during development of the Work Order and clearly shown on the Work Order form. The Base Index price on any new eligible pay items added by Work Order will be the Base Index price posted for the month in which bids were received for that particular project. The Current Index price for any new eligible pay items added by Work Order will be the Index price posted for the month preceding the estimate on which the Work Order is paid.

When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce, eliminate or renegotiate the price for remaining portions of affected items of work.

Any amounts resulting from fuel adjustment will not be included in the total cost of work for determination of progress or for extension of contract time.

I elect to use this provision

I elect not to use this provision

Date: September 15, 2022

Signature: 
Gregory M. Andricos, President & COO

Design-builder: Wagman-Fay SE a Joint Venture

Vendor No.: JV101

EXHIBIT 6.3(d)
ADJUSTMENT FOR STEEL
VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
PRICE ADJUSTMENT FOR STEEL
DESIGN-BUILD PROJECTS

June 6, 2018

In the event the Design-Builder elects to seek adjustment for steel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. If new pay items which involve steel are established by Work Order, they will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in steel used on specific items of work identified in the Price Proposal/contract in accordance with this provision. Provided at the end of this provision is a master listing of standard bid items the Department has determined are eligible for steel price adjustment. Only items on this listing will be eligible for steel price adjustment. Generally, non-standard pay items will not be eligible for steel price adjustment unless such steel items are project-specific modifications of items normally eligible and the quantities present on the project constitute major items of the work. Inventoried materials from the listing of eligible items are specifically excluded for consideration. This provision also does not allow for price adjustment for embedded steel where the steel item is a component of the finished bid item and there is no separate or distinct payment for the steel item or for steel used for pre-tensioned or post-tensioned precast components where furnishing steel is included in the unit price of the finished bid item. This includes items such as (but not limited to) drop inlets, median barriers, sound barrier walls, bridge railing and parapets, are not eligible for consideration under this provision.

The requirements of this provision shall apply only to material cost changes that occur between the date of the opening of the Price Proposal and the date the material is shipped to the fabricator. To be eligible for this price adjustment, Design-Builder is required to fill out the accompanying Form for Price Adjustment for Eligible Steel Items on Design-Build Projects and submit the same with its Price Proposal for the Project. By signing the Form and submitting it with its Price Proposal Design-Builder declares its intention to participate in the price adjustment in its contract with the Department. For the purposes of this provision, the prices listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build projects are fixed for cost and adjustment calculations regardless of quantities incorporated into final design. Further, in order for steel items to be eligible for adjustment, once shipped to the fabricator, the items shall be specifically stored, labeled, or tagged, recognizable by color marking, and identifiable by project for inspection and audit verification immediately upon arrival at the fabricator.

Design-Builder shall upon request furnish documentation supporting the price per pound for eligible steel items as shown on the Form for Price Adjustment for Eligible Steel Items on Design-Build Projects furnished with its Price Proposal. Design-Builder must use the format as shown with this Form; no other format for presenting this information will be permitted. Design-Builder shall certify that all items of documentation are original and were used in the computation of the price per pound amount for the represented eligible pay items for the month the Price Proposal was opened. This documentation shall support the base line material price ("Base Price") of the steel item only. Base price per pound shall not include the following cost components: fabrication, shipping, storage, handling, and erection.

Failure to submit all documentation required or requested supporting the per pound prices on eligible steel items will result in Design-Builder being ineligible for a price adjustment of any or all steel items.

Price adjustment of each qualifying item will only be considered if there is an increase or decrease in the cost of eligible steel materials in excess of 10 percent up to a maximum of 60 percent from the Base Price

when compared with the latest published price index ("Price Index") in effect at the time material is shipped to the fabricator.

The Price Index the Department is using is based on The U.S. Department of Labor, Bureau of Labor Statistics, Producers Price Index (PPI) which measures the average price change over time of the specific steel eligible item from the perspective of the seller of goods. The Master List table provided at the end of this provision indicates the Producers Price Index (PPI) steel category index items and the corresponding I.D. numbers to which VDOT items will be compared. **Please note:** The Producers Price Index (PPI) is subject to revision 4 months after original publication, therefore, price adjustments and payments will not be made until the index numbers are finalized.

Items under consideration for price adjustment will be compared to the steel category index items and the corresponding I.D. numbers shown in the table attached to the end of this provision.

The price adjustment will be determined by computing the percentage of change in index value beyond 10 percent above or below the index on the date of opening of Design-Builder's Price Proposal to the index value on the date the steel material is shipped to the fabricator (Please see included sample examples). Weights and date of shipment must be documented by a bill of lading provided to the Department. The final price adjustment dollar value will be determined by multiplying this percent increase or decrease in the index (after 10%) by the represented quantity of steel shipped, by the Base Price per pound subject to the limitations herein.

Price increase/decrease will be computed as follows:

$$A = B \times P \times Q$$

- Where;
- A = Steel price adjustment in lump sum dollars
 - B = Average weighted price of steel submitted in Design-Builder's Price Proposal for project in price per pound as listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build Project
 - P = Adjusted percentage change in PPI average from shipping date to date of opening of Price Proposal minus 10% (0.10) threshold
 - Q = Total quantity of steel in pounds shipped to fabricator for specific project

This price adjustment is capped at 60 percent. This means the maximum "P" value for increase or decrease that can be used in the above equation is 50% (60%-10% threshold).

Calculations for price adjustment shall be shown separate from the monthly progress payment for work packages and will not be included in the total cost of work for determination of progress or for extension of contract time.

Upon Department review and due process consideration for redress by Design-Builder, any apparent evidence to unbalance the price supplied by Design-Builder in favor of items subject to price adjustment will result in ineligibility for Department participation under this provision.

FORM FOR PRICE ADJUSTMENT FOR ELIGIBLE STEEL ITEMS ON DESIGN-BUILD PROJECTS
Must be supplied with Price Proposal for Department Participation

(All prices to be supported by project-specific quotes)

DATE FOR RECEIPT OF PRICE PROPOSAL _____

Note: All prices (costs) are to include any surcharges on materials quoted. Vendors must include this surcharge with their cost. All prices (costs) are F.O.B. from the originating mill.

Item Number	Item Description	Quantity	Unit	Unit Price	Supplier	Date of Quote
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

We/I, the undersigned, understand that by supplying prices for the steel items listed above and signing this form we are declaring our desire to apply the Special Provision For Price Adjustment for Steel Design-Build Projects to this Price Proposal and contract. The terms and conditions for participation are as stated in the Special Provision For Price Adjustment for Steel Design-Build Projects.

Wagman-Fay SE a Joint Venture

Design-Builder

September 15, 2022

Date

Sample Calculation of a Price Adjustment (increase)

Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound.

*free on board

Adjusted** BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 139.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 161.1

Adjustment formula is as follows:

$$A = B \times P \times Q$$

- Where:
- A = Steel price adjustment in lump sum dollars
 - B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
 - P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
 - Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (161.1 - 139.6) / 139.6 - 0.10 = 0.054$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.054 \times 450,000$$

$$A = \$6,842.88 \text{ pay adjustment to Design-Builder}$$

Sample Calculation of a Price Adjustment (decrease)

Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design-Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound. *free on board

Adjusted BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 156.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 136.3

Adjustment formula is as follows:

$$A = B \times P \times Q$$

- Where;
- A = Steel price adjustment in lump sum dollars
 - B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
 - P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
 - Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (156.6 - 136.3)/156.6 - 0.10 = 0.030$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.030 \times 450,000$$

$$A = \$3,801.60 \text{ credit to Department}$$

MASTER LISTING

STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

June 8, 2018

BLS Series I. D.

ITEM NUMBER	ITEM DESCRIPTION	UNITS	Number WPU used in \$ adjust.
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
13545	REINF. STEEL	LB	101704
14502	REINFORCING STEEL	LB	101704
45522	4" STEEL ENCASE. PIPE	LF	101706
45532	6" STEEL ENCASE. PIPE	LF	101706
45562	16" STEEL ENCASE. PIPE	LF	101706
45572	18" STEEL ENCASE. PIPE	LF	101706
45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASUREMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
60452	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
61700	REINF. STEEL	LB	101704
61704	CORROSION RESISTANT REINF. STEEL	LB	101704
61750	STRUCT. STEEL HIGH STRG. PLT. GIRDERS	LB	avg. 1017 & 101
61811	STR. STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61812	STR. STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61813	STR. STEEL PLATE GIRDER ASTM A709 GRADEHPS50W	LB	avg. 1017 & 101
61814	STR. STEEL PLATE GIRDER ASTM A709 GRADEHPS70W	LB	avg. 1017 & 101
61820	STR. STEEL ROLLED BEAM ASTM A709 GRADE 36	LB	avg. 1017 & 101
61821	STR. STEEL ROLLED BEAM ASTM A709 GRADE50	LB	avg. 1017 & 101
61822	STR. STEEL ROLLED BEAM ASTM A709 GRADE50W	LB	avg. 1017 & 101
61990	STEEL GRID FLOOR	SF	avg. 1017 & 101
64110	STEEL PILES 10"	LF	avg. 1017 & 101
64112	STEEL PILES 12"	LF	avg. 1017 & 101
64114	STEEL PILES 14"	LF	avg. 1017 & 101
64768	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101
64778	DRIVING TEST FOR 14" STEEL PILE	LF	avg. 1017 & 101
65200	REINF. STEEL	LB	101704
65204	CORROSION RESISTANT REINF. STEEL	LB	101704
68100	REINF. STEEL	LB	101704
68104	CORROSION RESISTANT REINF. STEEL	LB	101704
68107	STR. STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
68108	STR. STEEL PLATE GIRDER ASTM A709 GR50W	LB	avg. 1017 & 101
68109	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS50W	LB	avg. 1017 & 101
68110	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS70W	LB	avg. 1017 & 101
68112	STR. STEEL ROLLED BEAM ASTM A709 GR.36	LB	avg. 1017 & 101
68113	STR. STEEL ROLLED BEAM ASTM A709 GR.50	LB	avg. 1017 & 101
68114	STR. STEEL ROLLED BEAM ASTM A709 GR. 50W	LB	avg. 1017 & 101
68115	STRUCT. STEEL	LB	avg. 1017 & 101
68270	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
69060	SHEET PILES, STEEL	SF	avg. 1017 & 101

69100	REINF. STEEL	LB	101704
69104	CORROSION RESISTANT REINF. STEEL	LB	101704
69110	STEEL PILES 10"	LF	avg. 1017 & 101
69112	STEEL PILE 12"	LF	avg. 1017 & 101
69113	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101

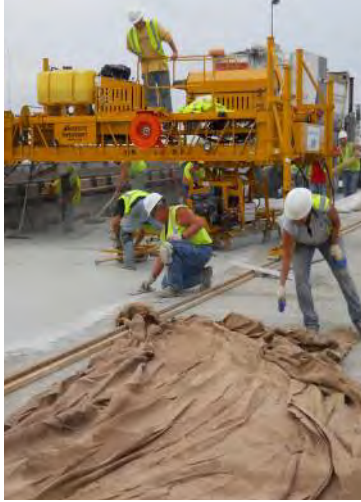
I elect to use this provision
 I elect not to use this provision

Date: September 15, 2022

Signature: 
Gregory M. Andricos, President & COO

Design-Builder: Wagman-Fay SE a Joint Venture

Vendor No.: JV101



4.7.5

Proposal Guaranty

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Wagman-Fay SE a Joint Venture As principal, and Continental Casualty Company Surety, are held and firmly bound unto the Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly by these presents.

SIGNED, sealed and dated this 23rd Day of August, 20 22

WHEREAS, the above said principal is herewith submitting its proposal for: I-64 Hampton Roads Express Lanes (HREL) Segment
PROJECT NUMBER: Contract ID Number:C00117840DB112,State Project No.:0064-122-470,Federal Project No.:NHPP-064-3(520)

I-64 Hampton Roads Express Lanes (HREL) Segment 1A From:0.150 miles East of Patrol Road To: 0.673 miles East of Tidewater Drive, City of Norfolk, VA

NOW, THEREFORE, the condition of the above obligee is such, that if the aforesaid principal shall be awarded the contract upon said proposal and shall within the time specified in the Specifications after the notice of such award enter into a contract and give bond for the faithful performance of the contract, then this obligation shall be null and void; otherwise to remain in full force and effect and the principal and surety will pay unto the obligee the difference in money between the amount of the bid of the said principal and the amount for which the obligee may legally contract with another party to perform the said work if the latter amount be in excess of the former; but in no event shall the liability exceed the penal sum hereof.

Wagman-Fay SE a Joint Venture
(Principal*)
By: [Signature]
(Officer, Partner or Owner) (Seal)

Continental Casualty Company
(Surety Company)
By: Patricia C. Robinson
(Attorney-in-Fact**) (Seal) Patricia C. Robinson

Wagman Heavy Civil, Inc.
(Principal*)
By: [Signature]
(Officer, Partner or Owner) (Seal)

151 N. Franklin St., Chicago, IL 60606
(Address)
By: _____
(Surety Company)

Fay Southeast Inc.
(Principal*)
By: [Signature] Vice President
(Officer, Partner or Owner) (Seal)

(Attorney-in-Fact**) (Seal)
By: _____
(Address)

*Note: if the principal is a joint venture, each party thereof must be named and execution made by same hereon. If there is more than one surety to the bid bond, each surety must be named and execution shall be made by same hereon.

Electronic Bid Only: In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid bond as shown above.

Electronic Bid Bond ID# _____ Company/Bidder Name _____ Signature and Title _____

**Attach copy of Power of Attorney

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Alson O Wolcott Jr, Robert N Striewig Jr, Eugene M Fritz, Kristen D Pedrick, Patricia C Robinson, , Individually

of Mechanicsburg, PA, their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 30th day of June, 2021.

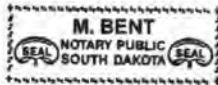


Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflatt Vice President

State of South Dakota, County of Minnehaha, ss:

On this 30th day of June, 2021, before me personally came Paul T. Bruflatt to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.



My Commission Expires March 2, 2026

M. Bent Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 23rd day of August, 2022.



Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

D. Johnson Assistant Secretary

Form F6853-4/2012

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National Fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012.

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective. "

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers") to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

WAGMAN-FAY SE a Joint Venture

POWER OF ATTORNEY

Wagman Heavy Civil, Inc., and FAY Southeast Inc., which together comprise the joint venture known as "Wagman-FAY SE a Joint Venture" (the "Joint Venture"), on behalf of the Joint Venture hereby constitute and appoint:

MICHAEL B. GLEZER, GREGORY M. ANDRICOS, ANTHONY W. BEDNARIK, TODD E. BECKER, JOHN GREENE, and/or KEVIN RIHN

each as its true and lawful attorney-in-fact in connection with the following project and contracts related thereto:

I-64 HAMPTON ROADS EXPRESS LANES (HREL)
SEGMENT 1A
CONTRACT ID NO. C00117840DB112
FOR THE VIRGINIA DEPARTMENT OF TRANSPORTATION

Mr. Glezer, Mr. Andricos, Mr. Bednarik, Mr. Becker, Mr. Greene, and Mr. Rihn are each hereby individually authorized on behalf of the Joint Venture to execute and deliver any documents, instructions, and papers and to perform such acts as may be legally, properly, and reasonably required or necessary for the purpose of obligating the Joint Venture to bid/proposal documents, bonds, contracts, and other legal obligations in connection with the project.

Each party executing below does so on its own individual behalf and on behalf of the Joint Venture as a member thereof.

This Power of Attorney is effective this 1st day of June, 2022.

//Two (2) Signature Pages Follow//

WAGMAN HEAVY CIVIL, INC.


By: 
Michael B. Glezer, Chief Executive Officer

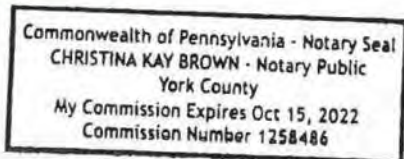
STATE OF: Pennsylvania
COUNTY OF: York

ACKNOWLEDGMENT

On June 7, 2020 before me, Christina Kay Brown, Notary Public, personally appeared Michael B. Glezer, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity to execute instruments on behalf of the entity indicated and that his/her signature constituted execution thereof by the entity indicated.

WITNESS my hand and official seal.


Signature of Notary



FAY SOUTHEAST INC.

By: [Signature]
VINCENT J. ACRI, CORPORATE SECRETARY

STATE OF: Pennsylvania
COUNTY OF: Allegheny

ACKNOWLEDGMENT

On June 15, 2022 before me, Irene Martin, Notary Public, personally appeared Vince J. Acri, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity to execute instruments on behalf of the entity indicated and that his/her signature constituted execution thereof by the entity indicated.

WITNESS my hand and official seal.
[Signature]
Signature of Notary

Commonwealth of Pennsylvania - Notary Seal
Irene Martin, Notary Public
Beaver County
My commission expires June 6, 2025
Commission number 1313303
Member, Pennsylvania Association of Notaries

**CERTIFICATE OF SECRETARY
OF
WAGMAN HEAVY CIVIL, INC.**

The Undersigned, being the Secretary of Wagman Heavy Civil, Inc., hereby certifies that the following Resolutions have been previously adopted by unanimous consent of the Board of Directors:

RESOLVED, that the following individuals be hereby elected to serve in the offices set forth opposite their names, until the next regularly scheduled election of officers:

Chairman of the Board	Richard E. Wagman
Chief Executive Officer	Michael B. Glezer
President/COO	Gregory M. Andricos
Sr. Vice President	Todd E. Becker
Vice President – Design-Build/Major Pursuits, Mid-Atlantic	Anthony W. Bednarik
Vice President/General Manager, Virginia Operations	Glen K. Mays
Vice President – Geotechnical Construction Services	Edward R. Laczynski
Sr. Vice President	Joseph G. Wagman
Sr. Vice President	Lisa W. Glezer
Sr. Vice President – CFO/Treasurer	John R. Coppage, IV
Vice President/General Counsel/Secretary	Kevin J. McKeon
Assistant Secretary	Jeanie P. Jones

FURTHER RESOLVED, that Richard E. Wagman, Michael B. Glezer, Gregory M. Andricos, Todd E. Becker, Anthony W. Bednarik, Glen K. Mays, and Edward R. Laczynski are each individually authorized and empowered to execute, acknowledge, and deliver such documents, instructions, and papers, and to perform such acts as may be legally, properly, or reasonably required or necessary for the purpose of procuring and executing any bids, bonds, or contracts on behalf of Wagman Heavy Civil, Inc.

Date: June 8, 2022



Kevin J. McKeon, Secretary

CERTIFICATE OF THE SECRETARY

I, Cory Neider, Secretary of Infrastructure and Industrial Constructors Southeast Inc., a Virginia Corporation, hereby certify that, after having been first duly signed on behalf of Infrastructure and Industrial Constructors Southeast Inc. was duly approved and adopted by written consent of the Board of Directors of Infrastructure and Industrial Constructors Southeast Inc.

RESOLVED, that the following persons are hereby authorized to execute bid documents, contracts and documents associated with contracts on behalf of the Infrastructure and Industrial Constructors Southeast Inc.:

Name	Office/Title
Michael Dishaw	President
David Thornton	Senior Vice President
John Greene	Treasurer
Cory Neider	Secretary
Doug Harris	Operations Director
Cory Butz	Operations Director
Paul Johnson	Operations Director
Kevin Rihn	Vice President of Finance
Clint Filges	Vice President - Equipment

Witnessed my hand and seal of Infrastructure and Industrial Constructors Southeast Inc., this 9th day of April 2020.

Cory Neider, Corporate Secretary



**INFRASTRUCTURE AND INDUSTRIAL CONSTRUCTORS SOUTHEAST, INC.
CONSENT IN LIEU OF SPECIAL MEETING
OF THE BOARD OF DIRECTORS**

March 11, 2021

The undersigned, being all of the members of the Board of Directors (the "Board") of Infrastructure and Industrial Constructors Southeast, Inc., a Virginia corporation (the "Company"), hereby take the following actions and adopt the following resolutions:

RESOLVED, that the following persons are hereby removed from the office set forth opposite his name, effective as of the date hereof:

Michael F. Dishaw	President
John Greene	Treasurer
Alan Gemmell	Secretary

FURTHER RESOLVED, that the following persons are hereby elected to serve as officers of the Company in the capacity set forth opposite their respective names, to hold such office until their successor shall be duly elected and qualified or until their earlier death, resignation, or removal:

Durant Walters	President
John Greene	Vice President
Kevin Rihn	Treasurer
Vincent Acri	Secretary

FURTHER RESOLVED, that any and all actions taken by the officers of the Company in connection with and in furtherance of the matters referred to in any of the foregoing resolutions are hereby ratified, confirmed, approved, and adopted in all respects.

FURTHER RESOLVED, that these resolutions may be executed in counterparts, each of which constitutes an original, and all of which, taken together, constitute one and the same original, and facsimile signatures on these resolutions shall be deemed to constitute original signatures.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Consent in Lieu of Special Meeting of the Board of Directors of Infrastructure and Industrial Constructors Southeast, Inc. as of the date first set forth above.

BOARD:



Michael F Dishaw, President

John Greene, Vice President

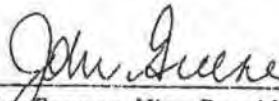


Alan Gemmell, Secretary

IN WITNESS WHEREOF, the undersigned has executed this Consent in Lieu of Special Meeting of the Board of Directors of Infrastructure and Industrial Constructors Southeast, Inc. as of the date first set forth above.

BOARD:

Michael F Dishaw, President



John Greene, Vice President

Alan Gemmell, Secretary

Commonwealth of Virginia



State Corporation Commission

I Certify the Following from the Records of the Commission:

The foregoing are true and correct copies of business entity documents on file in the Office of the Clerk of the Commission related to FAY Southeast Inc., a Virginia corporation.

Nothing more is hereby certified.



Signed and Sealed at Richmond on this Date:

March 19, 2021

A handwritten signature in cursive script, appearing to read "Bernard J. Logan".

Bernard J. Logan, Clerk of the Commission

COMMONWEALTH OF VIRGINIA
STATE CORPORATION COMMISSION

AT RICHMOND, MARCH 17, 2021

The State Corporation Commission has found the articles of amendment submitted on behalf of

FAY Southeast Inc.

(formerly known as INFRASTRUCTURE AND INDUSTRIAL
CONSTRUCTORS SOUTHEAST, INC.)

to comply with the requirements of law, and confirms payment of all required fees. Therefore, it is ORDERED that this

CERTIFICATE OF AMENDMENT

be issued and admitted to record with the articles of amendment in the Office of the Clerk of the Commission, effective March 17, 2021.

STATE CORPORATION COMMISSION

By

A handwritten signature in black ink that reads "Angela Navarro". The signature is written in a cursive style with a long horizontal stroke at the end.

Angela L. Navarro
Commissioner



4.7.6

Sworn Statement Forms

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PROJECT: 0064-122-470

FHWA: NHPP-064-3(520)

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. **THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES. A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.**

STATEMENT. In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

AFFIDAVIT

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at York County, Pennsylvania this 15th day of September, 20 22
County (City), STATE

Wagman-Fay SE a Joint Venture By: [Signature] President & COO
(Name of Firm) (Signature) Title (print)

STATE of Pennsylvania COUNTY (CITY) of York

To-wit: Christina Kay Brown, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Gregory M. Andrias

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

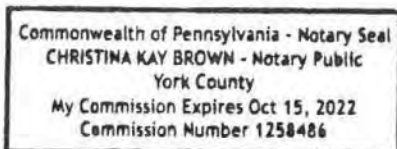
Subscribed and sworn to before me this 15th day of September, 20 22
My Commission expires 10/15/2022
[Signature]
Notary Public

OR
UNSWORN DECLARATION

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at _____ this _____ day of _____, 20 _____
County (City), STATE

By: _____
(Name of Firm) (Signature) Title (print)



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PROJECT: 0064-122-470

FHWA: NHPP-064-3(520)

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. **THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES. A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.**

STATEMENT. In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

AFFIDAVIT

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at York County, Pennsylvania, this 15th day of September, 20 22
County (City), STATE

Wagman Heavy Civil, Inc. By: [Signature] President & COO
(Name of Firm) (Signature) Title (print)

STATE of Pennsylvania COUNTY (CITY) of York

I Christina Kay Brown To-wit: _____, a Notary Public in and for the State and
County(City) aforesaid, hereby certify that this day Gregory M. Andricos

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 15th day of September, 20 22
My Commission expires 10/15/2022

[Signature]
Notary Public

OR
UNSWORN DECLARATION

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at _____, this _____ day of _____, 20 _____
County (City), STATE

By: _____
(Name of Firm) (Signature) Title (print)

Commonwealth of Pennsylvania - Notary Seal
CHRISTINA KAY BROWN - Notary Public
York County
My Commission Expires Oct 15, 2022
Commission Number 1258486

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PROJECT: 0064-122-470

FHWA: NHPP-064-3(520)

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. **THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES. A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.**

STATEMENT. In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

AFFIDAVIT

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at York, Pennsylvania, this 9th day of September, 20 22
County (City), STATE

Fay Southeast, Inc. (Name of Firm) By: John Greene (Signature) SR. VICE PRESIDENT Title (print)

STATE of Pennsylvania COUNTY (CITY) of York

To-wit: I Christina Kay Brown, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day John Greene

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

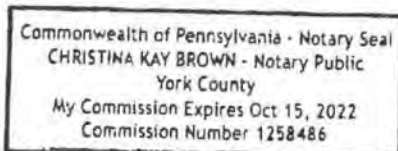
Subscribed and sworn to before me this 9th day of September, 20 22
My Commission expires 10/15/2022
[Signature]
Notary Public

OR
UNSWORN DECLARATION

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at _____, this _____ day of _____, 20 _____
County (City), STATE

By: _____ Title (print)
(Name of Firm) (Signature)



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT: 0064-122-470

FHWA: NHPP-064-3(520)

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

NAME	Location of Principal Office
N/A	
_____	_____
_____	_____
_____	_____

2. I (we) have , have not , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have , have not , filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

ORDER NO.:
CONTRACT ID. NO.:

Form C-105
page 2

3. The bidder certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above; and
 - (d) Where the bidders is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at York County, Pennsylvania, this 15th day of September, 2022

Wagman-Fay SE a Joint Venture By: [Signature] President & COO
(Name of Firm) (Signature) Title (print)

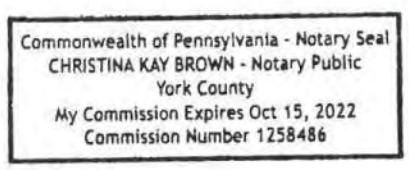
STATE of Pennsylvania COUNTY (CITY) of York County

To-wit: I Christina Kay Brown a Notary Public in and for the State and

County(City) aforesaid, hereby certify that this day Gregory M. Andricos personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 15th day of September, 2022
My Commission expires 10/15/2022

Notary Public



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT

PROJECT: 0064-122-470

FHWA: NHPP-064-3(520)

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

NAME	Location of Principal Office
<u>VTCA</u>	<u>620 Moorefield Park Drive, Richmond, VA 23236</u>
<u>HCCA</u>	<u>9251 Industrial Ct., 201, Manassas, VA 20109</u>

2. I (we) have , have not , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have , have not , filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

ORDER NO.:
CONTRACT ID. NO.:

Form C-108
page 2

3. The bidder certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above; and
 - (d) Where the bidders is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at York County, Pennsylvania this 15th day of September, 2022

Wagman Heavy Civil, Inc. By: [Signature] President & COO
(Name of Firm) (Signature) Title (print)

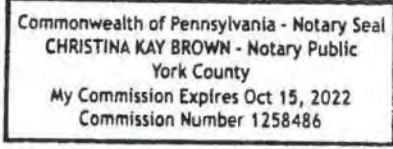
STATE of Pennsylvania COUNTY (CITY) of York County

To-wit: I Christina Kay Brown, a Notary Public in and for the State and

County(City) aforesaid, hereby certify that this day Gregory M. Andricos personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 15th day of September, 2022

[Signature] My Commission expires 10/15/2022
Notary Public



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT

PROJECT: 0064-122-470

FHWA: NHPP-064-3(520)

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

NAME	Location of Principal Office
VTCA	620 Moorefield Park Drive, Richmond, VA 23236
_____	_____
_____	_____

2. I (we) have , have not , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have , have not , filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

ORDER NO.:
CONTRACT ID. NO.:

Form C-105
page 2

3. The bidder certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above; and
 - (d) Where the bidders is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at York, Pennsylvania, this 9th day of September, 20 22
County (City), STATE

Fay Southeast, Inc.
(Name of Firm)

By: John Greene SR VICE PRESIDENT
(Signature) Title (print)

STATE of Pennsylvania

COUNTY (CITY) of York

To-wit: Christina Kay Brown, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day John Greene

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 9th day of September, 20 22
My Commission expires 9/15/2022

[Signature]
Notary Public

