

April 10, 2020

# I-95 Northbound Rappahannock River Crossing City of Fredericksburg and Stafford County, Virginia

## A Design-Build Project



## Price Proposal



From: 1.26 Miles South of Route 3  
To: 0.01 Miles South of Enon Road

State Project No.: 0095-111-270  
Federal Project No.: NHP-095-2(545)  
Contract ID Number: C00105510DB106



**ATTACHMENT 3.7****COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**RFP NO. C00105510DB106PROJECT NO.: 0095-111-270**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 3.7, 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 – September 19, 2019
2. Cover letter of RFP Addendum #1 – October 16, 2019
3. Cover letter of RFP Addendum #2 – November 8, 2019
4. Cover letter of RFP Addendum #3 – November 22, 2019
5. Cover letter of RFP Addendum #4 – December 20, 2019
6. Cover letter of RFP Addendum #5 – January 17, 2020
7. Cover letter of RFP Addendum #6 – February 6, 2020
8. Cover letter of RFP Addendum #7 – February 28, 2020
9. Cover letter of RFP Addendum #8 – March 4, 2020
10. Cover letter of RFP Addendum #9 – March 9, 2020
11. Cover letter of RFP Addendum #10 – March 12, 2020
12. Cover letter of RFP Addendum #11 – March 26, 2020
13. Cover letter of RFP Addendum #12 – April 02, 2020



SIGNATURE

04/10/20

DATE

Gregory M. Andricos

PRINTED NAME

President/COO

TITLE



**ATTACHMENT 4.0.1.2**

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: I-95 Northbound Rappahannock River Crossing  
Contract ID Number: C00105510DB106**

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➤ **Contents of Price Proposal:**

- Latest Attachment 3.7 Form C-78**
- Base Scope, Option #1, Option #2, and Option #3 Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Attachment 4.87.1)**
- Schedule of Items itemized for Base Scope, Option #1, Option #2, and Option #3 in accordance with Part 1, Section 4.87.2, including material quantities and costs of each proposed work package**
- Proposed Monthly Payment Schedule for Base Scope, Option #1, Option #2, and Option #3 showing the anticipated schedule on which funds will be required and associated value of work in accordance with Part 1, Section 4.87.3**
- Price Adjustment Information and Forms for Fuel and Asphalt, for Base Scope, Option #1, Option #2, and Option #3 including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
- Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications for the Base Scope, Option #1, Option #2, and Option #3**
- Sworn Statement Forms (C-104, C-105, Attachments 4.87.6(a) and 4.87.6(b))**
- CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**



## Section 4.7.1 Cost Breakdown Summary

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**ATTACHMENT 4.7.1**

**PRICE PROPOSAL FORM**

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

Price Proposal Cost Breakdown Summary;

A. Base Scope

Design Services, LS	\$ <u>10,842,150.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>79,382,597.87</u>
Quality Assurance (QA) (Construction), LS	\$ <u>4,068,400.00</u>
Quality Control (QC) (Construction), LS	\$ <u>5,167,200.00</u>
Base Scope - Subtotal	\$ <u>99,460,347.87</u>

B. Option #1

Design Services, LS	\$ <u>465,000.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>3,020,552.90</u>
Quality Assurance (QA) (Construction), LS	\$ <u>35,100.00</u>
Quality Control (QC) (Construction), LS	\$ <u>91,000.00</u>
Option #1 - Subtotal	\$ <u>3,611,652.90</u>

C. Option #2

Design Services, LS	\$ <u>435,000.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>3,390,543.00</u>
Quality Assurance (QA) (Construction), LS	\$ <u>110,000.00</u>
Quality Control (QC) (Construction), LS	\$ <u>120,000.00</u>
Option #2 - Subtotal	\$ <u>4,055,543.00</u>

D. Option #3

Design Services, LS	\$ 61,000.00
Construction Services (exclude QA/QC), LS	\$ 236,734.00
Quality Assurance (QA) (Construction), LS	\$ 8,500.00
Quality Control (QC) (Construction), LS	\$ 24,000.00
Option #2 - Subtotal	\$ 330,234.00

Total Proposal Price (Base Scope Subtotal + Option #1 Subtotal + Option #2 Subtotal + Option #3 Subtotal); (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 seven million four hundred fifty-seven thousand seven hundred seventy-seven dollars and seventy-seven cents (\$ 107,457,777.77 )

Signature:  Date: 09/10/20

GREGORY M. ANDERSON

Design-Builder: Wagman Heavy Civil, Inc.

Vendor No.: W002



# Section 4.7.2 Schedule of Items

**Attachment 4.7.2 (a)**  
**State Project 0095-111-270**

**I-95 Northbound Rappahannock River Crossing**  
**Base Scope 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: 4/10/2020

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
00100	MOBILIZATION		1	LS	\$ 5,400,000.00
00101	CONSTRUCTION SURVEYING (CONSTRUCTION)		1	LS	\$ 950,000.00
25505	FIELD OFFICE MOD TY.1		44	MO	\$ 396,000.00
85011	NS BONDS		1	LS	\$ 741,000.00
85011	ESCROW DOCUMENTS		1	LS	\$ 15,000.00
00104	DESIGN BUILD - DESIGN & ENGINEERING		1	LS	\$ 10,842,150.00
00104	DESIGN BUILD - ENVIRONMENTAL PERMITTING		1	LS	\$ 133,500.00
25596	DESIGN BUILD - SCOPE VALIDATION		1	LS	\$ 600,000.00
25593	DESIGN BUILD QC		1	LS	\$ 5,167,200.00
25593	DESIGN BUILD QA		1	LS	\$ 4,086,400.00
25596	DESIGN BUILD - UTILITIES		1	LS	\$ 895,800.00
25565	CPM SCHEDULING		1	LS	\$ 85,000.00
00110	CLEARING AND GRUBBING		1	LS	\$ 750,000.00
01120	REGULAR EXCAVATION	(F)	248091	CY	\$ 4,465,638.00
00140	BORROW EXCAVATION	(F)	10105	CY	\$ 242,520.00
00155	GEOTEXTILE EMBANKMENT STABILIZATION		4445	SY	\$ 31,115.00
10027	ACID-SULFATE MITIGATION		26.7	ACRE	\$ 72,090.00
00128	EXTRA EXCAVATION (UNDERCUT UNSUITABLE MATERIAL)	(F)	24222	CY	\$ 532,884.00
10027	NS SOIL DRYING/MANIPULATION	(F)	98931	SY	\$ 445,189.50
00360	POTOMAC FORMATION SLOPE REINFORCEMENT		650	LF	\$ 276,250.00
00580	UNDERDRAIN UD-1		1000	LF	\$ 20,000.00
00588	UNDERDRAIN UD-4		64339	LF	\$ 579,051.00
00598	MODIFIED UNDERDRAIN UD-4		8075	LF	\$ 80,750.00
00590	COMB. UNDERDRAIN CD-1 OR 2		1597	LF	\$ 55,895.00
00595	OUTLET PIPE		2376	LF	\$ 40,392.00
00596	ENDWALL EW-12		151	EA	\$ 83,050.00
00598	MOD. UD-4 CLEANOUTS		29	EA	\$ 58,000.00
00598	EXTEND/MODIFY EXISTING UNDERDRAIN		8500	LF	\$ 127,500.00
00525	CONCRETE CLASS A3 MISC.	(F)	12.5	CY	\$ 22,500.00
00529	FLOWABLE BACKFILL		19	CY	\$ 5,700.00
01150	15" PIPE		499	LF	\$ 59,880.00
01180	18" PIPE		3636	LF	\$ 527,220.00
01240	24" PIPE		4539	LF	\$ 748,935.00
01300	30" PIPE		1208	LF	\$ 217,440.00
01360	36" PIPE		24	LF	\$ 6,000.00
01420	42" PIPE		90	LF	\$ 23,850.00
01540	54" PIPE		4	LF	\$ 1,600.00
06150	15" END SECTION ES-1 OR 2		7	EA	\$ 10,500.00
06180	18" END SECTION ES-1 OR 2		2	EA	\$ 3,300.00
06240	24" END SECTION ES-1 OR 2		4	EA	\$ 7,200.00
06300	30" END SECTION ES-1 OR 2		1	EA	\$ 2,150.00
06360	36" END SECTION ES-1 OR 2		1	EA	\$ 3,300.00
06749	DROP INLET DI-2B, L=8'		2	EA	\$ 10,000.00
06820	DROP INLET DI-3B, L=10'		6	EA	\$ 42,000.00
06837	DROP INLET DI-3C, L=10'		2	EA	\$ 11,000.00

<sup>1</sup> 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 (a)**  
**State Project 0095-111-270**

**I-95 Northbound Rappahannock River Crossing**  
**Base Scope 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: 4/10/2020

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
07506	DROP INLET DI-5		32	EA	\$ 256,000.00
07508	DROP INLET DI-7		2	EA	\$ 16,000.00
08190	DROP INLET DI-10H TY I, L=10'		18	EA	\$ 261,000.00
08198	DROP INLET DI-10H TY. II, L=10'		7	EA	\$ 87,500.00
08271	DROP INLET DI-10I TY. I, L=16'		1	EA	\$ 12,500.00
08253	DRIOP INLET DI-10K TY I, L=10'		5	EA	\$ 57,500.00
08263	DROP INLET DI-10K TY. II, L=10'		10	EA	\$ 184,000.00
08273	DROP INLET DI-10K TY. III, L=10'		3	EA	\$ 30,600.00
08292	DROP INLET DI-10LTY. II, L=10'		1	EA	\$ 16,500.00
09056	MANHOLE MH-1 OR 2		95	LF	\$ 118,750.00
09057	FRAME & COVER MH-1		17	EA	\$ 13,600.00
09150	EROS. CONTR. STONE CL. 1, EC-1	(F)	1000	TON	\$ 85,000.00
09148	EROS.CONTR.STONE CL. A1 EC-1	(F)	64	TON	\$ 5,760.00
09185	PAVED DITCH PG-2A		5216	SY	\$ 521,600.00
00520	CULVERT REPAIRS		1	LS	\$ 68,000.00
02089	24" PIPE REPAIR		59	LF	\$ 32,450.00
02089	30" PIPE REPAIR		249	LF	\$ 136,950.00
02089	48" PIPE REPAIR		182	LF	\$ 150,150.00
10103	AGGR. MATL. NO. 25 OR 26	(F)	231	TON	\$ 15,015.00
10013	GEM.STAB.AGGR.MATL.NO.21A	(F)	60580	TON	\$ 2,180,880.00
10062	ASPH-STAB. OPEN-GRADED MATERIAL	(F) (P)	14751	TON	\$ 1,357,092.00
10128	AGGR. BASE MATL. TY. I NO. 21B	(F)	12333	TON	\$ 332,991.00
10251	NS AGGR. MATERIAL NO. 57 STONE		2963	CY	\$ 133,335.00
10611	ASPHALT CONC TY. IM-19.0D	(F) (P)	45616	TON	\$ 3,649,280.00
10642	ASPHALT CONC. BY. BM-25.0	(F) (P)	89903	TON	\$ 6,652,822.00
10609	ASPHALT CONC TY. SM-12.5E	(F) (P)	29596	TON	\$ 3,018,792.00
10628	FLEXIBLE PAVEMENT PLANING 0"-2"	(F)	84499	SY	\$ 422,495.00
11070	SAWCUT ASPH CONC FULL DEPTH		58972	LF	\$ 294,860.00
24410	DEMO. OF PAVEMENT	(F)	82069	SY	\$ 820,690.00
10700	RUMBLE STRIP, ASPHALT		69254	LF	\$ 69,254.00
10701	LIQ. ASPH. COATING (RUMBLE STRIP)		12825	SY	\$ 38,475.00
12322	ASPHALT CONCRETE CURB TY. MC-3B		3150	LF	\$ 63,000.00
12505	ASPH.CONC.CURB BACKUP MATL.	(P)	126	TON	\$ 21,420.00
13460	MEDIAN BARRIER MB-7D		357	LF	\$ 41,055.00
13461	MEDIAN BARRIER MB-7E		799	LF	\$ 287,640.00
13462	MEDIAN BARRIER MB-7F		8592	LF	\$ 1,159,920.00
13478	MEDIAN BARRIER MB-8A TRANSITION		61	LF	\$ 23,790.00
13485	MEDIAN BARRIER MB-8A, TY. I		296	LF	\$ 76,960.00
13486	MEDIAN BARRIER MB-8A, TY. II		3514	LF	\$ 966,350.00
13487	MEDIAN BARRIER MB-8A, TY. III		890	LF	\$ 295,480.00
13478	MOD. MB-7F WITH RETAINING WALL		1463	LF	\$ 790,020.00
13607	IMPACT ATTEN. (TL-3,>40 MPH)		3	EA	\$ 69,000.00
60125	BRIDGE PIER PROTECTION SYSTEM, BPPS-1		410	LF	\$ 182,450.00
21020	MEDIAN STRIP MS-1		3015	SY	\$ 310,545.00
12600	CURB & GUTTER, CG-6		1234	LF	\$ 56,764.00

<sup>1</sup> 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 (a)**  
**State Project 0095-111-270**

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Date: 4/10/2020

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
22643	FENCE FE-CL		11107	LF	\$ 233,247.00
22653	LINE BRACE UNIT FE-CL		15	EA	\$ 3,075.00
22663	CORNER BRACE UNIT FE-CL		42	EA	\$ 9,450.00
13480	CABLE BARRICADE CR-1		3	EA	\$ 3,750.00
13280	GUARDRAIL GR-MGS1		30226	LF	\$ 664,972.00
13282	GUARDRAIL GR-MGS1 9' POSTS		4849	LF	\$ 116,376.00
13286	GUARDRAIL TERMINAL GR-MGS2		23	EA	\$ 64,400.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		24	EA	\$ 28,800.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		16	EA	\$ 12,000.00
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I		15	EA	\$ 39,750.00
13393	FIXED OBJECT ATTACH. GR-FOA-2 TY. II		16	EA	\$ 8,800.00
00150	NOISE BARRIER C - EARTHEN BERM		19865	SF	\$ 297,975.00
13755	NOISE BARRIER C - CONCRETE BARRIER		4275	SF	\$ 299,250.00
13755	NOISE BARRIER FH - CONCRETE BARRIER		6466	SF	\$ 407,358.00
13570	RAMP C PILE-PANEL WALL		13719	SF	\$ 1,989,255.00
13543	MSE WALL ON NB GP LANES		3146	SF	\$ 330,330.00
13543	MSE WALL ON NB CD LANES		2081	SF	\$ 218,505.00
25002	HANDRAIL HR-1 TYPE I		2557	LF	\$ 383,550.00
00128	EXTRA EXCAVATION (UNDERCUT MSE)	(F)	250	CY	\$ 20,000.00
13611	IMPACT ATTENUATOR SER. TYPE I		44	EA	\$ 352,000.00
24152	TYPE III BARRICADE 8'		15	EA	\$ 4,125.00
24160	CONSTRUCTION SIGNS		2772	SF	\$ 74,844.00
24279	PORT.CHANGEABLE MESS. SIGN		46464	HR	\$ 116,160.00
24281	ELECTRONIC ARROW		15488	HR	\$ 23,232.00
24293	TRAFFIC BARRIER SERVICE MB-7D PC RELOCATE		17471	LF	\$ 209,652.00
24293	TRAFFIC BARRIER SERVICE MB-7D PC SLIDE RESET		19901	LF	\$ 79,604.00
24290	TRAF.BARR.SER.CONC.MB-7D PC		49946	LF	\$ 1,997,840.00
13496	TRAF. BARR. SER. CONC. DBL FC PAR.MB-11A		1652	LF	\$ 148,680.00
13496	MB-11A RELOCATE		1596	LF	\$ 36,708.00
24600	REMOVE EXISTING GUARDRAIL		19164	LF	\$ 57,492.00
27321	PROTECTIVE COVERING EC-2		17415	SY	\$ 34,830.00
27326	SOIL STAB. MAT EC-3 TYPE 1		628	SY	\$ 2,512.00
27101	TEMPORARY SEEDING		157	ACRE	\$ 392,500.00
27100	PERMANENT SEEDING		40	ACRE	\$ 160,000.00
27345	TEMPORARY DIVERSION DIKE		10580	LF	\$ 37,030.00
27410	CHECK DAM, ROCK TY. I		25	EA	\$ 10,000.00
27415	CHECK DAM(ROCK) TY. II		222	EA	\$ 66,600.00
27430	SILTATION CONTROL EXCAVATION	(F)	3000	CY	\$ 48,000.00
27460	INLET PROTECTION, TYPE A		46	EA	\$ 20,700.00
27461	INLET PROTECTION TYPE B		60	EA	\$ 18,000.00
27422	DEWATERING BASIN EC-8		25	EA	\$ 37,500.00
23560	SAFETY FENCE		1000	LF	\$ 6,000.00
27505	TEMP. SILT FENCE TYPE A		25000	LF	\$ 100,000.00
27504	TEMP. SILT FENCE TYPE B		5200	LF	\$ 36,400.00
27580	TEMP. SEDIMENT BASIN EXCAVATION	(F)	9200	CY	\$ 230,000.00

<sup>1</sup> 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 (a)**  
**State Project 0095-111-270**

**I-95 Northbound Rappahannock River Crossing**  
**Base Scope Schedule of Items (ver. 4-15-2014)**

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Date: 4/10/2020

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
26119	CLASS 1 RIPRAP	(F)	871	TON	\$ 78,390.00
00170	BIORETENTION FILTERS		4	EA	\$ 308,000.00
00170	WATER QUALITY GRASS SWALES		400	LF	\$ 60,000.00
51965	PERMANENT SIGNAGE		1	LS	\$ 3,075,000.00
51000	TEMPORARY SIGNAL		1	LS	\$ 73,000.00
51980	PERMANENT SIGNAL		1	LS	\$ 735,000.00
59060	ITS & LIGHTING		1	LS	\$ 1,500,500.00
54032	TY. B CL. I PAVE MARK 4"		13865	LF	\$ 10,398.75
54042	TY. B CL I PAVE MARK 24"		187	LF	\$ 1,402.50
54076	TY. B CL. VI PAVE MARK 6"		120608	LF	\$ 422,128.00
54080	TY. B CL VI CONTRAST 6"		6234	LF	\$ 36,157.20
54077	TY. B CL. VI PAVE MARK. 8"		4811	LF	\$ 21,649.50
54060	TY. B CL. VI PAVE MARK. 24"		1080	LF	\$ 13,500.00
54105	ERADICATION OF EXIST. LINEAR PVMT MARKING		133924	LF	\$ 87,050.60
54217	INLAID PAVEMENT MARKERS		1418	EA	\$ 53,884.00
54240	TEMP. PAVE MARK. 1-WAY		756	EA	\$ 7,560.00
54575	PVMT SYMB MRKG SGL TURN ARROW		22	EA	\$ 2,750.00
54400	PAVE MESS MARK "ONLY"		15	EA	\$ 6,750.00
54590	SYMB MRKG LANE REDUCTION ARROW TY B		8	EA	\$ 3,400.00
54424	CONSTR. PAVE MARK TY D ELONG ARROW		24	EA	\$ 5,760.00
54020	TEMP. PVMT MRKG, TY. A 6"		144869	LF	\$ 65,191.05
54024	TEMP. PVMT MRKG, TY. A 8"		3108	LF	\$ 2,952.60
54466	TYPE E TEMP. PVMT MRKG 8"		58629	LF	\$ 190,544.25
54512	TY. D, CL. II TEMP. PVMT MRKG 6"		43865	LF	\$ 109,662.50
54516	TY. D, CL. II TEMP. PVMT MRKG 8"		26930	LF	\$ 74,057.50
54524	TY D CL. II TEMP. PVMT MRKG 24"		193	LF	\$ 1,544.00
60409	CONC. CLASS A4 MOD. LOW SHRINKAGE	(F)	2338.5	CY	\$ 1,964,340.00
60450	CONC. CLASS A4 BRIDGE APPR. SLAB		128.6	CY	\$ 90,020.00
60452	REINF. STEEL BRIDGE APPR. SLAB		23200	LB	\$ 23,200.00
60490	BRIDGE DECK GROOVING		8005	SY	\$ 48,030.00
61812	STR. STEEL PLATE GIRDER ASTM A709 GRADE 50W		1	LS	\$ 5,021,448.92
61760	ERECTION OF STEEL GIRDERS		1	LS	\$ 1,178,000.00
61980	BEARING DEVICE		36	EA	\$ 234,000.00
60495	COVER DEPTH SURVEY		8005	SY	\$ 8,005.00
61713	CORROSION RESISTANT REINF. STEEL CL. III		664000	LB	\$ 1,759,600.00
65720	PARAPET CONCRETE PARAPET 42"		2402	LF	\$ 588,490.00
62400	TOOTH EXPANSION JOINT ASSEMBLY		127	LF	\$ 209,550.00
64015	SELECT BACKFILL (ABUTMENT ZONE)		5500	TON	\$ 192,500.00
64011	STRUCTURE EXCAVATION	(F)	3538	CY	\$ 300,730.00
64032	GEOCOMPOSITE WALL DRAIN		245	SY	\$ 3,675.00
64036	PIPE UNDERDRAIN 6"		200	LF	\$ 3,000.00
65013	CONCRETE CLASS A3	(F)	3633	CY	\$ 2,997,225.00
65200	REINF. STEEL		688200	LB	\$ 757,020.00
65211	CORROSION RESISTANT REINF. STEEL CL. I		29300	LB	\$ 61,530.00
62024	CONCRETE PARAPET 42"		102	LF	\$ 24,990.00

<sup>1</sup> 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 (b)**  
**State Project 0095-111-270**

**I-95 Northbound Rappahannock River Crossing**  
**Option #1 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: 4/10/2020

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
00104	DESIGN BUILD - DESIGN & ENGINEERING		1	LS	\$ 465,000.00
00104	DESIGN BUILD - ENVIRONMENTAL PERMITTING		1	LS	\$ 7,500.00
25593	DESIGN BUILD QC		1	LS	\$ 91,000.00
25593	DESIGN BUILD QA		1	LS	\$ 35,100.00
25596	DESIGN BUILD - UTILITIES		1	LS	\$ 24,000.00
00110	CLEARING AND GRUBBING		1	LS	\$ 92,000.00
01120	REGULAR EXCAVATION	(F)	22148	CY	\$ 398,664.00
00128	EXTRA EXCAVATION (UNDERCUT UNSUITABLE MATERIAL)	(F)	777	CY	\$ 17,094.00
00588	UNDERDRAIN UD-4		4612	LF	\$ 41,508.00
00595	OUTLET PIPE		213	LF	\$ 3,621.00
00596	ENDWALL EW-12		16	EA	\$ 8,800.00
00525	CONCRETE CLASS A3 MISC	(F)	2.5	CY	\$ 4,500.00
01150	15" PIPE		34	LF	\$ 4,080.00
01240	24" PIPE		7	LF	\$ 1,015.00
06240	24" END SECTION ES-1 OR 2		1	EA	\$ 1,800.00
09148	EROS.CONTR.STONE CL. A1 EC-1	(F)	16	TON	\$ 1,440.00
09185	PAVED DITCH PG-2A		137	SY	\$ 13,700.00
00520	CULVERT REPAIRS		1	LS	\$ 5,500.00
02089	24" PIPE REPAIR		147	LF	\$ 80,850.00
10013	CEM.STAB.AGGR.MATL.NO.21A	(F)	4680	TON	\$ 168,480.00
10062	ASPH-STAB. OPEN-GRADED MATERIAL	(F) (P)	1278	TON	\$ 117,576.00
10128	AGGR. BASE MATL. TY. I NO. 21B	(F)	802	TON	\$ 21,654.00
10611	ASPHALT CONC TY. IM-19.0D	(F) (P)	2712	TON	\$ 216,960.00
10642	ASPHALT CONC. BY. BM-25.0	(F) (P)	6882	TON	\$ 509,268.00
10609	ASPHALT CONC TY. SM-12.5E	(F) (P)	4575	TON	\$ 466,650.00
10628	FLEXIBLE PAVEMENT PLANING 0"-2"	(F)	24673	SY	\$ 123,365.00
11070	SAWCUT ASPH CONC FULL DEPTH		4563	LF	\$ 22,815.00
24410	DEMO. OF PAVEMENT	(F)	6172	SY	\$ 61,720.00
10700	RUMBLE STRIP, ASPHALT		11193	LF	\$ 11,193.00
10701	LIQ. ASPH. COATING (RUMBLE STRIP)		2073	SY	\$ 6,219.00
12322	ASPHALT CONCRETE CURB TY. MC-3B		100	LF	\$ 2,000.00
12505	ASPH.CONC.CURB BACKUP MATL.	(P)	4	TON	\$ 680.00
13280	GUARDRAIL GR-MGS1		1301	LF	\$ 28,622.00
13286	GUARDRAIL TERMINAL GR-MGS2		2	EA	\$ 5,600.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		3	EA	\$ 3,600.00
13611	IMPACT ATTENUATOR SER. TYPE I		1	EA	\$ 11,000.00
24160	CONSTRUCTION SIGNS		144	SF	\$ 3,888.00
24290	TRAF.BARR.SER.CONC.MB-7D PC		4851	LF	\$ 174,636.00
24600	REMOVE EXISTING GUARDRAIL		2047	LF	\$ 6,141.00
27321	PROTECTIVE COVERING EC-2		1880	SY	\$ 3,760.00
27101	TEMPORARY SEEDING		8	ACRE	\$ 20,000.00
27100	PERMANENT SEEDING		6	ACRE	\$ 24,000.00
27415	CHECK DAM(ROCK) TY. II		26	EA	\$ 7,800.00
27505	TEMP. SILT FENCE TYPE A		4000	LF	\$ 16,000.00
27504	TEMP. SILT FENCE TYPE B		534	LF	\$ 3,738.00

<sup>1</sup> 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 (c)**  
**State Project 0095-111-270**

**I-95 Northbound Rappahannock River Crossing**  
**Option #2 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: 4/10/2020

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
00104	DESIGN BUILD - DESIGN & ENGINEERING		1	LS	\$ 435,000.00
25593	DESIGN BUILD QC		1	LS	\$ 120,000.00
25593	DESIGN BUILD QA		1	LS	\$ 110,000.00
00588	UNDERDRAIN UD-4		1519	LF	\$ 13,671.00
00595	OUTLET PIPE		70	LF	\$ 1,190.00
00596	ENDWALL EW-12		6	EA	\$ 3,300.00
10013	CEM.STAB.AGGR.MATL.NO.21A	(F)	2730	TON	\$ 98,280.00
10062	ASPH-STAB. OPEN-GRADED MATERIAL	(F) (P)	744	TON	\$ 68,448.00
10611	ASPHALT CONC TY. IM-19.0D	(F) (P)	1363	TON	\$ 109,040.00
10642	ASPHALT CONC. BY. BM-25.0	(F) (P)	3678	TON	\$ 272,172.00
10628	FLEXIBLE PAVEMENT PLANING 0"-2"		-7535	SY	\$ (37,675.00)
11070	SAWCUT ASPH CONC FULL DEPTH		30	LF	\$ 150.00
24410	DEMO. OF PAVEMENT	(F)	7602	SY	\$ 76,020.00
51965	SIGNAGE		1	LS	\$ 10,000.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD.	(F)	357	CY	\$ 357,000.00
60450	CONCRETE CLASS A4 APPR. SLAB		153	CY	\$ 114,750.00
60452	REINF. STEEL BRIDGE APPR. SLAB		22800	LB	\$ 22,800.00
60490	BRIDGE DECK GROOVING		1235	SY	\$ 8,645.00
61209	PRESTRESSED CONC. BEAM, BULB-T 29" DEPTH +70'-80		1144	LF	\$ 348,920.00
61760	ERECTION OF PRESTRESSED CONCRETE BEAMS		1	LS	\$ 80,000.00
61980	BEARING DEVICE		16	EA	\$ 16,000.00
60495	COVER DEPTH SURVEY		1	LS	\$ 2,805.00
61713	CORROSION RESIST. REINFORCING STEEL, CLASS III		73780	LB	\$ 195,517.00
62024	CONCRETE PARAPET, 42"		395	LF	\$ 108,625.00
64015	SELECT BACKFILL (ABUTMENT ZONE)		1440	TON	\$ 50,400.00
64011	STRUCTURAL EXCAVATION	(F)	145	CY	\$ 18,125.00
62534	EPS MATERIAL		89	SY	\$ 9,345.00
62410	ADHESIVE BASED JOINT SEALER (CLASS I)		130	LF	\$ 10,400.00
64101	DYNAMIC TEST PILE		3	EA	\$ 4,500.00
64765	PILE POINTS FOR 12" STEEL PILE		44	EACH	\$ 3,300.00
64112	STEEL PILES 12"	(P)	2225	LF	\$ 155,750.00
64050	ABUTMENT A SOE		555	SF	\$ 83,250.00
64050	ABUTMENT B SOE		820	SF	\$ 123,000.00
65013	CONCRETE CLASS A3	(F)	138.6	CY	\$ 131,670.00
65200	REINFORCING STEEL		11700	LB	\$ 14,625.00
65211	CORROSION RESISTANT REINFORCING STEEL, CLASS I		20800	LB	\$ 44,720.00
13543	MSE WALL AT ABUTMENTS		4180	SF	\$ 564,300.00
67910	NBIS ACCESS, UNDER BRIDGE (B609 )		1	LS	\$ 1,500.00
67900	DISMANTLE AND REMOVE EXISTING STRUCTURE		1	LS	\$ 260,000.00
67350	STANDPIPE FIRE HYD & WATER SUPPLY		1	LS	\$ 25,000.00
00200	SETTLEMENT PLATE		6	EA	\$ 21,000.00

<sup>1</sup> 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...).





# Section 4.7.3 Proposed Monthly Payment Schedule

**I-95 NORTHBOUND RAPPAHANNOCK RIVER CROSSING  
A DESIGN-BUILD PROJECT**

**STATE PROJECT NO.: 0095-111-270  
FEDERAL PROJECT NO.: NHP-095-2(545)  
CONTRACT ID NO.: C00105510DB106**

**WAGMAN HEAVY CIVIL  
PROPOSED MONTHLY PAYMENT SCHEDULE 4.7.3: BASE BID**

<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>	<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>
May-2020	\$1,294,747.62	\$1,294,747.62	Jul-2022	\$4,120,783.97	\$67,110,355.07
Jun-2020	\$1,372,171.14	\$2,666,918.76	Aug-2022	\$3,800,236.63	\$70,910,591.70
Jul-2020	\$1,316,517.77	\$3,983,436.53	Sep-2022	\$2,718,301.94	\$73,628,893.64
Aug-2020	\$1,207,871.00	\$5,191,307.53	Oct-2022	\$3,411,573.43	\$77,040,467.08
Sep-2020	\$1,061,147.56	\$6,252,455.09	Nov-2022	\$2,525,103.99	\$79,565,571.07
Oct-2020	\$4,164,377.58	\$10,416,832.67	Dec-2022	\$2,086,054.84	\$81,651,625.91
Nov-2020	\$3,739,471.84	\$14,156,304.51	Jan-2023	\$1,148,648.54	\$82,800,274.45
Dec-2020	\$1,555,375.42	\$15,711,679.92	Feb-2023	\$1,442,919.87	\$84,243,194.32
Jan-2021	\$1,595,399.84	\$17,307,079.76	Mar-2023	\$1,713,994.45	\$85,957,188.77
Feb-2021	\$1,892,616.96	\$19,199,696.73	Apr-2023	\$1,799,612.52	\$87,756,801.29
Mar-2021	\$1,987,390.47	\$21,187,087.19	May-2023	\$990,041.90	\$88,746,843.20
Apr-2021	\$3,106,326.90	\$24,293,414.10	Jun-2023	\$1,033,060.27	\$89,779,903.46
May-2021	\$2,746,064.62	\$27,039,478.71	Jul-2023	\$1,156,503.98	\$90,936,407.44
Jun-2021	\$2,468,016.64	\$29,507,495.35	Aug-2023	\$841,058.01	\$91,777,465.45
Jul-2021	\$3,694,465.48	\$33,201,960.83	Sep-2023	\$827,338.17	\$92,604,803.62
Aug-2021	\$2,990,905.03	\$36,192,865.86	Oct-2023	\$1,159,129.02	\$93,763,932.64
Sep-2021	\$2,482,356.52	\$38,675,222.38	Nov-2023	\$991,881.48	\$94,755,814.12
Oct-2021	\$3,058,327.27	\$41,733,549.65	Dec-2023	\$1,038,636.38	\$95,794,450.49
Nov-2021	\$2,162,600.01	\$43,896,149.66	Jan-2024	\$603,408.76	\$96,397,859.26
Dec-2021	\$3,606,578.45	\$47,502,728.10	Feb-2024	\$603,408.76	\$97,001,268.02
Jan-2022	\$2,690,164.61	\$50,192,892.71	Mar-2024	\$1,090,701.41	\$98,091,969.43
Feb-2022	\$1,566,620.17	\$51,759,512.88	Apr-2024	\$874,131.94	\$98,966,101.37
Mar-2022	\$3,635,852.94	\$55,395,365.82	May-2024	\$494,246.50	\$99,460,347.87
Apr-2022	\$2,623,292.21	\$58,018,658.03			
May-2022	\$1,959,108.99	\$59,977,767.02			
Jun-2022	\$3,011,804.08	\$62,989,571.10			

**Total: \$99,460,347.87**



**I-95 NORTHBOUND RAPPAHANNOCK RIVER CROSSING  
A DESIGN-BUILD PROJECT**

**STATE PROJECT NO.: 0095-111-270  
FEDERAL PROJECT NO.: NHP-095-2(545)  
CONTRACT ID NO.: C00105510DB106**

**WAGMAN HEAVY CIVIL  
PROPOSED MONTHLY PAYMENT SCHEDULE 4.7.3: OPTION 1**

<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>	<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>
May-2020	\$23,105.90	\$23,105.90	Jul-2022	\$1,247,079.91	\$3,006,982.26
Jun-2020	\$51,078.49	\$74,184.39	Aug-2022	\$539,863.91	\$3,546,846.18
Jul-2020	\$48,692.20	\$122,876.58	Sep-2022	\$19,556.24	\$3,566,402.42
Aug-2020	\$44,032.54	\$166,909.12	Oct-2022	\$2,144.24	\$3,568,546.66
Sep-2020	\$37,739.84	\$204,648.96	Nov-2022	\$2,068.04	\$3,570,614.70
Oct-2020	\$38,402.61	\$243,051.57	Dec-2022	\$2,767.02	\$3,573,381.73
Nov-2020	\$17,294.80	\$260,346.37	Jan-2023	\$2,904.58	\$3,576,286.31
Dec-2020	\$26,053.59	\$286,399.96	Feb-2023	\$2,618.28	\$3,578,904.59
Jan-2021	\$26,427.41	\$312,827.38	Mar-2023	\$2,435.66	\$3,581,340.25
Feb-2021	\$14,867.03	\$327,694.41	Apr-2023	\$3,517.41	\$3,584,857.66
Mar-2021	\$20,637.02	\$348,331.43	May-2023	\$2,119.44	\$3,586,977.11
Apr-2021	\$16,190.54	\$364,521.97	Jun-2023	\$2,190.99	\$3,589,168.09
May-2021	\$15,558.36	\$380,080.33	Jul-2023	\$3,839.82	\$3,593,007.92
Jun-2021	\$8,918.84	\$388,999.18	Aug-2023	\$2,346.23	\$3,595,354.15
Jul-2021	\$10,670.94	\$399,670.11	Sep-2023	\$1,442.59	\$3,596,796.73
Aug-2021	\$4,775.24	\$404,445.36	Oct-2023	\$1,442.59	\$3,598,239.32
Sep-2021	\$5,985.67	\$410,431.03	Nov-2023	\$2,556.42	\$3,600,795.73
Oct-2021	\$6,087.93	\$416,518.96	Dec-2023	\$2,556.42	\$3,603,352.15
Nov-2021	\$235,034.26	\$651,553.22	Jan-2024	\$2,556.42	\$3,605,908.57
Dec-2021	\$21,796.17	\$673,349.39	Feb-2024	\$2,556.42	\$3,608,464.98
Jan-2022	\$60,786.41	\$734,135.80	Mar-2024	\$1,442.59	\$3,609,907.57
Feb-2022	\$187,990.41	\$922,126.22	Apr-2024	\$1,745.33	\$3,611,652.90
Mar-2022	\$198,987.41	\$1,121,113.63	May-2024	\$0.00	\$3,611,652.90
Apr-2022	\$155,925.01	\$1,277,038.64			
May-2022	\$124,348.29	\$1,401,386.93			
Jun-2022	\$358,515.41	\$1,759,902.35			

**Total: \$3,611,652.90**

**I-95 NORTHBOUND RAPPAHANNOCK RIVER CROSSING  
A DESIGN-BUILD PROJECT**

**STATE PROJECT NO.: 0095-111-270  
FEDERAL PROJECT NO.: NHP-095-2(545)  
CONTRACT ID NO.: C00105510DB106**

**WAGMAN HEAVY CIVIL  
PROPOSED MONTHLY PAYMENT SCHEDULE 4.7.3: OPTION 2**

<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>	<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>
May-2020	\$21,615.20	\$21,615.20	Jul-2022	\$2,036.00	\$737,547.00
Jun-2020	\$45,818.58	\$67,433.78	Aug-2022	\$2,036.00	\$739,583.00
Jul-2020	\$43,586.25	\$111,020.03	Sep-2022	\$157,561.44	\$897,144.43
Aug-2020	\$39,227.21	\$150,247.24	Oct-2022	\$246,792.69	\$1,143,937.12
Sep-2020	\$33,340.49	\$183,587.73	Nov-2022	\$525,291.40	\$1,669,228.52
Oct-2020	\$33,960.51	\$217,548.24	Dec-2022	\$474,980.04	\$2,144,208.55
Nov-2020	\$14,214.49	\$231,762.73	Jan-2023	\$212,869.97	\$2,357,078.53
Dec-2020	\$22,408.20	\$254,170.93	Feb-2023	\$166,390.14	\$2,523,468.66
Jan-2021	\$22,757.90	\$276,928.84	Mar-2023	\$644,894.05	\$3,168,362.72
Feb-2021	\$13,159.48	\$290,088.32	Apr-2023	\$160,329.51	\$3,328,692.23
Mar-2021	\$18,557.21	\$308,645.53	May-2023	\$521,491.96	\$3,850,184.19
Apr-2021	\$14,397.60	\$323,043.13	Jun-2023	\$159,324.63	\$4,009,508.83
May-2021	\$13,806.21	\$336,849.34	Jul-2023	\$28,592.09	\$4,038,100.92
Jun-2021	\$7,595.05	\$344,444.39	Aug-2023	\$2,194.86	\$4,040,295.78
Jul-2021	\$9,234.10	\$353,678.49	Sep-2023	\$1,349.52	\$4,041,645.29
Aug-2021	\$3,718.78	\$357,397.27	Oct-2023	\$1,349.52	\$4,042,994.81
Sep-2021	\$119,994.71	\$477,391.98	Nov-2023	\$2,391.49	\$4,045,386.30
Oct-2021	\$120,090.37	\$597,482.36	Dec-2023	\$2,391.49	\$4,047,777.78
Nov-2021	\$121,976.55	\$719,458.91	Jan-2024	\$2,391.49	\$4,050,169.27
Dec-2021	\$2,848.71	\$722,307.62	Feb-2024	\$2,391.49	\$4,052,560.75
Jan-2022	\$2,036.00	\$724,343.62	Mar-2024	\$1,349.52	\$4,053,910.27
Feb-2022	\$2,036.00	\$726,379.62	Apr-2024	\$1,632.73	\$4,055,543.00
Mar-2022	\$2,036.00	\$728,415.62	May-2024	\$0.00	\$4,055,543.00
Apr-2022	\$2,233.48	\$730,649.10			
May-2022	\$2,825.90	\$733,475.00			
Jun-2022	\$2,036.00	\$735,511.00			

**Total: \$4,055,543.00**

**I-95 NORTHBOUND RAPPAHANNOCK RIVER CROSSING  
A DESIGN-BUILD PROJECT**

**STATE PROJECT NO.: 0095-111-270  
FEDERAL PROJECT NO.: NHP-095-2(545)  
CONTRACT ID NO.: C00105510DB106**

**WAGMAN HEAVY CIVIL  
PROPOSED MONTHLY PAYMENT SCHEDULE 4.7.3: OPTION 3**

<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>	<b>Month</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>
May-2020	\$3,031.10	\$3,031.10	Jul-2022	\$285.51	\$56,597.12
Jun-2020	\$6,608.88	\$9,639.98	Aug-2022	\$285.51	\$56,882.63
Jul-2020	\$6,295.84	\$15,935.83	Sep-2022	\$281.29	\$57,163.92
Aug-2020	\$5,684.58	\$21,620.40	Oct-2022	\$281.29	\$57,445.20
Sep-2020	\$4,859.08	\$26,479.49	Nov-2022	\$271.29	\$57,716.49
Oct-2020	\$4,946.03	\$31,425.51	Dec-2022	\$362.99	\$58,079.48
Nov-2020	\$2,177.05	\$33,602.56	Jan-2023	\$381.03	\$58,460.51
Dec-2020	\$3,326.05	\$36,928.61	Feb-2023	\$343.47	\$58,803.99
Jan-2021	\$3,375.09	\$40,303.70	Mar-2023	\$319.52	\$59,123.50
Feb-2021	\$1,915.35	\$42,219.05	Apr-2023	\$461.42	\$59,584.93
Mar-2021	\$2,672.28	\$44,891.33	May-2023	\$22,424.03	\$82,008.96
Apr-2021	\$2,088.97	\$46,980.30	Jun-2023	\$91,242.42	\$173,251.38
May-2021	\$2,006.04	\$48,986.34	Jul-2023	\$154,536.72	\$327,788.10
Jun-2021	\$1,135.05	\$50,121.40	Aug-2023	\$307.79	\$328,095.88
Jul-2021	\$1,364.90	\$51,486.29	Sep-2023	\$189.24	\$328,285.13
Aug-2021	\$591.48	\$52,077.78	Oct-2023	\$189.24	\$328,474.37
Sep-2021	\$750.27	\$52,828.05	Nov-2023	\$335.36	\$328,809.73
Oct-2021	\$763.69	\$53,591.73	Dec-2023	\$335.36	\$329,145.08
Nov-2021	\$468.89	\$54,060.63	Jan-2024	\$335.36	\$329,480.44
Dec-2021	\$399.47	\$54,460.10	Feb-2024	\$335.36	\$329,815.80
Jan-2022	\$285.51	\$54,745.61	Mar-2024	\$189.24	\$330,005.04
Feb-2022	\$285.51	\$55,031.12	Apr-2024	\$228.96	\$330,234.00
Mar-2022	\$285.51	\$55,316.63	May-2024	\$0.00	\$330,234.00
Apr-2022	\$313.20	\$55,629.83			
May-2022	\$396.28	\$56,026.10			
Jun-2022	\$285.51	\$56,311.61			

**Total: \$330,234.00**



## Section 4.7.4 Price Adjustment Information and Forms

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

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

September 19, 2019

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)

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



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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

Request for Proposals  
Part 3  
Lump Sum Agreement  
September 19, 2019

I-95 Northbound Rappahannock River Crossing  
City of Fredericksburg, Stafford County, Virginia  
Project No. 0095-111-270  
Contract ID # C00105510DB106

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67210	NS Asphalt Concrete	Ton	315
68240	NS Asphalt Concrete	Ton	315

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**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: 04/10/20

Signature:   
GRAHAM M. ANDRIKO

Design-builder: Wagman Heavy Civil, Inc.

Vendor No.: W002

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**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

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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.





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**Sample Calculation of a Price Adjustment (increase)**

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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

$$B = \$0.2816$$

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

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

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

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

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**Sample Calculation of a Price Adjustment (decrease)**

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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

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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: 04/10/20

Signature:   
GREGORY M. ANDRIKO

Design-Builder: Wagman Heavy Civil, Inc.

Vendor No.: W002



## Section 4.7.5 Proposal Guaranty

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Wagman Heavy Civil, Inc. As principal, and Western Surety 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 10th Day of March, 20 20

WHEREAS, the above said principal is herewith submitting its proposal for:

PROJECT NUMBER: I-95 Northbound Rappahannock River Crossing  
State Project No.: 0095-111-270  
Federal Project No.: NHP-095-2(545) Contract ID Number: C00105510DB106

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 Heavy Civil, Inc.  
(Principal\*)

By: [Signature]  
(Officer, Partner or Owner) (Seal)

(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

Western Surety Company  
(Surety Company)

By: Patricia C. Robinson  
(Attorney-in-Fact\*\*) (Seal) Patricia C. Robinson

4550 Lena Drive, Mechanicsburg, PA 17055  
(Address)

By: \_\_\_\_\_  
(Surety Company)

(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



# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

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

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

### - In Unlimited Amounts -

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

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 16th day of January, 2020.

WESTERN SURETY COMPANY



*Paul T. Bruflat*

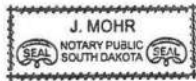
Paul T. Bruflat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 16th day of January, 2020, before me personally came Paul T. Bruflat, 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 the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



*J. Mohr*

J. Mohr, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation 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 corporation this 10th day of March, 2020.



WESTERN SURETY COMPANY

*L. Nelson*

L. Nelson, Assistant Secretary



**Authorizing By-Law**

**ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY**

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.



## Section 4.7.6 Sworn Statement Forms

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0095-111-270

FHWA: NHP-095-2(545)

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 Dinwiddie, VA, this 10th day of April, 20 20  
County (City), STATE  
Wagman Heavy Civil, Inc. (W002)  
(Name of Firm) By: [Signature] PRESIDENT & COO  
(Signature) Title (print)  
STATE of Virginia COUNTY (CITY) of Dinwiddie

To-wit:

I Jana Marie Willis, 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 10th day of April, 20 20  
[Signature] My Commission expires 10/31/2023  
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 Dinwiddie, Virginia, this \_\_\_ day of \_\_\_, 20 \_\_\_  
County (City), STATE  
By: \_\_\_\_\_  
(Name of Firm) (Signature) Title (print)



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT

PROJECT:

FHWA:

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 Pk Dr., 120, 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-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 Dinwiddie, VA, this 10 day of April, 20 20

County (City), STATE

Wagman Heavy Civil, Inc. (W002)

(Name of Firm)

By:

[Signature]

(Signature)

PRESIDENT & COO

Title (print)

STATE of Virginia

COUNTY (CITY) of Dinwiddie

To-wit:

I Jana Marie Willis, 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 10th day of April, 20 20

Notary Public

My Commission expires 10/31/2023







State Project No.: 0095-111-270  
Federal Project No.: NHP-095-2(545)  
Contract ID Number: C00105510DB106

November 14, 201