

# PRICE PROPOSAL

Response to Request for Proposals

# I-64 HAMPTON ROADS EXPRESS LANES (HREL) SEGMENT 4C

City of Hampton, Virginia

State Project No.: 0064-114-374 P101, R201, C501  
Contract ID Number: C00117841DB111

June 16, 2022



Submitted By: Shirley-Branch Joint Venture



**Section 4.7**  
**1. Attachment 4.0.1.2**  
**Price Proposal Submittal Checklist**



ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: I-64 Hampton Roads Express Lanes (HREL) Segment 4C**  
**Contract ID Number: C00117841DB111**

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➤ Contents of Price Proposal:

- Acknowledgement of RFP, Revisions, and/or Addenda (Attachment 3.7 - Form C-78)**
  - 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))**
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**2. Attachment 3.6 - Form C-78-RFP  
(Acknowledgment of Receipt of RFP, Revisions,  
and/or Addenda)**



**ATTACHMENT 3.7**

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

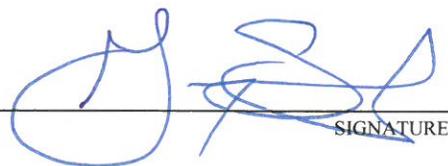
**RFP NO.** C00117841DB111  
**PROJECT NO.:** 0064-114-374 P101, R201, C501

**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 | <u>RFP – November 10, 2021</u><br>(Date)             |
| 2. | Cover letter of | <u>RFP Addendum #1 - December 17,2021</u><br>(Date)  |
| 3. | Cover letter of | <u>RFP Addendum #2 - January 25, 2022</u><br>(Date)  |
| 4. | Cover letter of | <u>RFP Addendum #3 – February 15, 2022</u><br>(Date) |
| 5. | Cover letter of | <u>RFP Addendum #4 – March 28, 2022</u><br>(Date)    |
| 6. | Cover letter of | <u>RFP Addendum #5 – April 15, 2022</u><br>(Date)    |
| 7. | Cover letter of | <u>RFP Addendum #6 – April 26, 2022</u><br>(Date)    |
| 8. | Cover letter of | <u>RFP Addendum #7 – May 16, 2022</u><br>(Date)      |

  
\_\_\_\_\_  
SIGNATURE

June 16, 2022  
DATE

Gregory S. Smith

PRINTED NAME

President and Manager

TITLE

**Section 4.7.1**  
**3. Attachment 4.7.1 Price Proposal Form**  
**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:

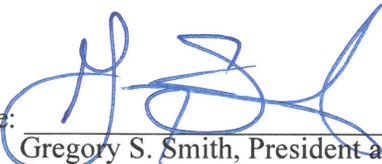
Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ <u>38,000,000.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>257,372,235.00</u>
Quality Assurance (QA) (Construction), LS	\$ <u>9,000,000.00</u>
Quality Control (QC) (Construction), LS	\$ <u>9,500,000.00</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)

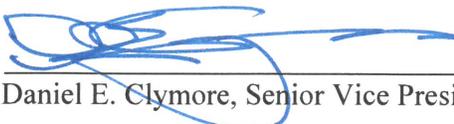
Lump Sum (LS): Three Hundred Thirteen Million Eight Hundred Seventy-Two Thousand

Two Hundred Thirty-Five Dollars and Zero Cents (\$ 313,872,235.00 )

Signature:  Date: June 16, 2022  
Gregory S. Smith, President and Manager

Design-Builder: Shirley-Branch Joint Venture

Vendor No.: JV099

Signature:  Date: June 16, 2022  
Daniel E. Clymore, Senior Vice President

Design-Builder: Shirley-Branch Joint Venture

Vendor No.: JV009

## **Section 4.7.2**

### **4. Attachment 4.7.2 Schedule of Items Form**



**Attachment 4.7.2**  
**State Project 0064-114-374, P101, R201, C501**

**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: 6/16/2022

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
00100	MOBILIZATION		1.00	LS	\$8,723,000.00
85130	HREL PROJECT SPECIFIC INSURANCE & BOND		1.00	LS	\$7,000,000.00
00180	TEST PITS AND POTHOLING		480.00	EA	\$288,000.00
00101	CONSTRUCTION SURVEYING (CONSTR.)		1.00	LS	\$2,400,000.00
00110	CLEARING AND GRUBBING		15.00	ACRE	\$2,250,000.00
00118	REGULAR EXCAVATION		26,055.00	CY	\$1,563,300.00
00118	UNDERCUT / REPLACE OR TREAT		3,975.00	CY	\$397,500.00
00529	FLOWABLE BACKFILL		302.00	CY	\$120,800.00
00588	UNDERDRAIN UD-4		40,848.00	LF	\$898,656.00
00591	COMB. UNDERDRAIN CD-2		2,117.00	LF	\$31,755.00
00595	OUTLET PIPE		2,680.00	LF	\$80,400.00
00596	ENDWALL EW-12		134.00	EA	\$167,500.00
00588	POST INSTALL VIDEO - UNDERDRAIN		45,645.00	LF	\$91,290.00
01120	12" RCP STORM SEWER PIPE		101.00	LF	\$18,180.00
01186	15" RCP STORM SEWER PIPE		9,369.00	LF	\$1,171,125.00
01246	18" RCP STORM SEWER PIPE		2,493.00	LF	\$373,950.00
01246	24" RCP STORM SEWER PIPE		3,641.00	LF	\$728,200.00
01241	JACKED & BORED 24" PIPE		480.00	LF	\$1,248,000.00
01306	30" RCP STORM SEWER PIPE		204.00	LF	\$89,760.00
01301	JACKED & BORED 30" PIPE		310.00	LF	\$930,000.00
01366	36" RCP STORM SEWER PIPE		362.00	LF	\$123,080.00
01361	JACKED & BORED 36" PIPE		140.00	LF	\$518,000.00
01421	JACKED & BORED 42" PIPE		148.00	LF	\$592,000.00
02110	CCTV STORM PIPE		17,248.00	LF	\$137,984.00
02093	TRENCH DRAIN		1,160.00	LF	\$371,200.00
08264	DI-10K TY. II L=12		6.00	EA	\$72,000.00
08270	DI-10K TY. III L=4		99.00	EA	\$990,000.00
08271	DI-10K TY. III L=6		9.00	EA	\$108,000.00
08274	DI-10K TY. III L=12		87.00	EA	\$1,044,000.00
08303	DI-10L TY. III L=12		12.00	EA	\$144,000.00
08962	DI-13 TY I		8.00	EA	\$96,000.00
06150	15" END SECTION		8.00	EA	\$12,000.00
06180	18" END SECTION		2.00	EA	\$3,600.00
06240	24" END SECTION		4.00	EA	\$8,000.00
06300	30" END SECTION		3.00	EA	\$10,200.00
06360	36" END SECTION		5.00	EA	\$22,500.00
06420	42" END SECTION		1.00	EA	\$6,000.00
09046	MANHOLE MH-1 OR 2		3.00	EA	\$42,000.00
09150	EROS.CONTR.STONE CL. I, EC-1		440.00	TON	\$52,800.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
10498	NS PAVEMENT SAWCUT 12-13.5 "		4,400.00	LF	\$8,800.00
10498	NS PAVEMENT SAWCUT 14-15"		35,000.00	LF	\$157,500.00
10062	OPEN GRADED DRAINAGE LATER (OGDL)		7,472.00	TON	\$1,120,800.00
10013	AGGREGATE BASE: CEMENT TREATED		23,630.00	TON	\$2,008,550.00
10650	ASPHALT SMA- 9.5	(P)	9,790.00	TON	\$2,447,500.00
10636	ASPHALT TY. SM-9.5D	(P)	3,241.00	TON	\$583,380.00
10655	ASPHALT SMA-19.0	(P)	15,304.00	TON	\$3,443,400.00
10655	ASPHALT SMA-19.0 BUILD-UP EXISTING I-64	(P)	4,500.00	TON	\$1,012,500.00
10610	ASPHALT TY. IM-19.0A	(P)	3,699.00	TON	\$406,890.00
10643	ASPHALT TY. BM-25.0D	(P)	30,485.00	TON	\$3,353,350.00
10628	FLEXIBLE PAVE.PLANING 0"-2"		76,505.00	SY	\$306,020.00
10700	RUMBLE STRIP, ASPHALT	(P)	18,553.00	LF	\$18,553.00
12322	ASPHALT CURB MC-3B	(P)	6,898.00	LF	\$138,098.00
12505	ASPHALT CURB BACKUP MATERIAL	(P)	285.00	TON	\$57,000.00
11184	ASPHALT JOINT/CRACK SEALING	(P)	5,000.00	LF	\$25,000.00
10608	ASPHALT MILL & OVERLAY AT UNDERPASS SM-12.5D	(P)	8,333.00	SY	\$208,325.00
16500	ASPHALT: HIGH FRICTION SURFACE TREATMENT	(P)	32,335.00	SY	\$1,778,425.00
13280	GUARDRAIL GR-MGS1		6,898.00	LF	\$275,920.00
13286	GUARDRAIL GR-MGS2		11.00	EA	\$44,000.00
13287	GUARDRAIL GR-MGS3		5.00	EA	\$10,000.00
13288	GUARDRAIL GR-MGS4		19.00	EA	\$24,700.00
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I		8.00	EA	\$32,000.00
13393	FIXED OBJECT ATTACH. GR-FOA-2 TY. II		8.00	EA	\$10,400.00
13394	FIXED OBJECT ATTACH. GR-FOA-5		4.00	EA	\$15,200.00
24600	RX & DISPOSE EXISTING GUARDRAIL		16,000.00	LF	\$64,000.00
13460	MEDIAN BARRIER MB-7D		10,969.00	LF	\$3,290,700.00
13462	MEDIAN BARRIER MB-7F		2,815.00	LF	\$506,700.00
13475	MEDIAN BARRIER MB-12A		1,791.00	LF	\$286,560.00
13476	MEDIAN BARRIER MB-12B		497.00	LF	\$173,950.00
13477	MEDIAN BARRIER MB-12C		3,368.00	LF	\$808,320.00
13492	MEDIAN BARRIER MB-13		5,855.00	LF	\$2,927,500.00
13543	54" BPPS-1A		132.00	LF	\$145,200.00
12030	CG-3		359.00	LF	\$17,232.00
12600	CG-6		1,965.00	LF	\$94,320.00
13752	STR. MOUNTED SOUND BARRIER WALL		46,726.00	SF	\$4,205,340.00
13755	SOUND BARRIER WALL GROUND MOUNT		162,153.00	SF	\$13,783,005.00
13815	RET.PANEL SOUND BARRIER WALL		20,921.00	SF	\$4,184,200.00
13539	VDOT RW-3 TYPE WALL		1,642.00	CY	\$2,873,500.00
68011	MOMENT SLAB FOR RETAINING WALL		2,928.00	LF	\$1,317,600.00
24602	REMOVE ROW FENCE		25,917.00	LF	\$259,170.00
22643	FE-CL GRND MNT		25,917.00	LF	\$647,925.00
24160	CONSTRUCTION SIGNS		1,488.00	SF	\$59,520.00
23560	TEMP. SAFETY FENCE 4'		11,009.00	LF	\$55,045.00
16493	NS SHOULDER STRENGTHENING - ASPHALT	(P)	21,467.00	SY	\$2,146,700.00
24282	TRAFFIC CONTROL & MAINT. CREWS		49.00	MON	\$3,185,000.00
13710	TEMP. IMPACT ATTENUATOR		23.00	EA	\$287,500.00
13710	RESET IMPACT ATTENUATOR		6.00	EA	\$27,000.00
13495	TRAFFIC BARRIER SER. CONC. (BRIDGE)		3,960.00	LF	\$554,400.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
13496	TRAFFIC BARRIER SER. CONC. MB-11A		25,574.00	LF	\$1,662,310.00
24350	NS TOW WRECKER SERVICE		1.00	LS	\$1,850,000.00
24360	SPECIAL MOT VEHICLE F350		1.00	LS	\$250,000.00
24278	MOT GROUP II DRUMS		500.00	EA	\$50,000.00
24272	MOT ATTENUATOR TRUCK		4.00	EA	\$680,000.00
24279	MOT VMS BOARDS		9.00	EA	\$216,000.00
24281	MOT ARROW BOARD		8.00	EA	\$72,000.00
54543	TY D CL. III - 6"		110,000.00	LF	\$751,300.00
54532	TEMP RAISED PVMT. MARKER		1,280.00	EA	\$57,600.00
54526	TY D CL. III - 6" CONTRAST		13,000.00	LF	\$104,000.00
54105	ERADICATE TEMP PAVEMARK		113,000.00	LF	\$113,000.00
10100	TEMP MOT #21B BASE STONE		2,000.00	TON	\$120,000.00
10505	TEMP MOT ASPHALT	(P)	4,200.00	TON	\$462,000.00
24420	DEMO. OF PAVEMENT (RIGID)		10,121.00	SY	\$242,904.00
24410	DEMO. OF PAVEMENT (RIGID)BREAK AND RECOMPACT		4,782.00	SY	\$71,730.00
24430	DEMO. OF PAVEMENT (FLEXIBLE)		54,400.00	SY	\$652,800.00
24801	NS REMOVE EXIST. DROP INLET ...		65.00	EA	\$107,250.00
24700	REMOVE STORM PIPE		1,645.00	LF	\$90,475.00
14120	DEMO & RX EXISTING CONCRETE BARRIER		16,171.00	LF	\$646,840.00
25505	FIELD OFFICE TY.1 MODIFIED		49.00	MO	\$367,500.00
25561	FORMAL PARTNERING		1.00	LS	\$60,000.00
25565	PROGRESS SCHEDULE BASELINE		1.00	LS	\$250,000.00
25567	PROGRESS SCHEDULE UPDATES		52.00	EA	\$104,000.00
27345	CHANNEL GRADING/DIVERSION DIKE		5,570.00	LF	\$33,420.00
26270	DRY RIPRAP CL.1		110.00	TON	\$16,500.00
27013	RESREAD TOPSOIL		2,917.00	CY	\$145,850.00
27002	SITE SEEDING RESTORATION		35,000.00	SY	\$140,000.00
27318	SOIL STAB. MAT EC-2		11,000.00	SY	\$66,000.00
27325	SOIL STAB. MAT EC-3		11,000.00	SY	\$154,000.00
27410	CHECK DAM, ROCK TY. I		46.00	EA	\$36,800.00
27415	CHECK DAM, ROCK TY. II		46.00	EA	\$36,800.00
27422	DEWATERING BASIN		6.00	EA	\$120,000.00
27430	SILTATION CONTROL MAINT.		1.00	LS	\$2,900,000.00
27440	MOWING		1.00	LS	\$20,000.00
38950	RIVER STREET PARK RESTORATION-GRADING		1.00	LS	\$200,000.00
27451	INLET PROTECTION		279.00	EA	\$251,100.00
27506	TEMP TREE PROTECTION		5,000.00	LF	\$25,000.00
27504	TEMP STD SILT FENCE		10,000.00	LF	\$50,000.00
27505	TEMP SUPER SILT FENCE		10,000.00	LF	\$100,000.00
27550	STORM WATER MAN.DRAIN.STR.SWM		1.00	EA	\$15,000.00
27420	TEMP. SEDIMENT TRAP		10.00	EA	\$110,000.00
50108	SIGN SCOPE		1.00	LS	\$9,500,000.00
55505	ELECTRICAL & LIGHTING SCOPE		1.00	LS	\$5,000,000.00
57010	ITS/TMS SCOPE		1.00	LS	\$14,000,000.00
54056	TY.B CL.VI PAVE. LINE MARK. 6"		127,100.00	LF	\$762,600.00
54077	TY.B CL.VI PAVE. LINE MARK. 8"		1,294.00	LF	\$10,352.00
54078	TY.B CL.VI PAVE. LINE MARK. 12"		5,200.00	LF	\$72,800.00
54060	TY.B CL.VI PAVE. LINE MARK. 24"		1,091.00	LF	\$27,275.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
54080	TY.B CL.VI PAVE.LINE MARK. 6" CONT		39,555.00	LF	\$276,885.00
54105	ERAD. OF EXIST.PAVE.MARKING		113,000.00	LF	\$113,000.00
54210	REM.EXIST.RAISED PAVE. MARKER		640.00	EA	\$25,600.00
54217	SNOW PLOW.RAISED PAVE.MARK.ASPH.CONC		944.00	EA	\$51,920.00
54218	SNOW PLOW.RAISED PAVE.MARK.HYD. CONC		150.00	EA	\$8,250.00
24286	TUBULAR MARKER		6,325.00	EA	\$790,625.00
54612	HOT DIAMOND MARKING		26.00	EA	\$36,400.00
	*****B659 I64 RIPRAP ROAD****				
60450	CONCRETE CLASS A4 APPROACH SLAB		144.00	CY	\$244,800.00
61711	CRR REINFORCING STEEL CL I		25,906.00	LB	\$155,436.00
61713	CRR REINFORCING STEEL CL III		21,060.00	LB	\$126,360.00
62537	DECK EXTENSION RETROFIT AT ABUTMENTS EBL + WBL		282.00	LF	\$423,000.00
61030	DECK JOINT CLOSURES AT PIERS EBL + WBL		282.00	LF	\$169,200.00
68314	TYPE A MILLING 1" DEPTH (ORIGINAL DECK) EBL +WBL		1,271.00	SY	\$57,195.00
68642	TYPE A HYDRO-DEMOLITION (ORIGINAL DECK+ EBL +WBL		1,271.00	SY	\$82,615.00
68648	TYPE B HYDRO-DEMOLITION (WIDEN) EBL + WBL		493.00	SY	\$197,200.00
67201	RIGID CONCRETE OVERLAY EBL +WBL		1,764.00	SY	\$441,000.00
68090	BRIDGE DECK GROOVING		1,764.00	SY	\$14,112.00
68192	REPLACE EXISTING BEARING ASSEMBLIES		72.00	EA	\$864,000.00
69822	BEARING SEAT REPAIR/CLEAN/WASH		72.00	EA	\$201,600.00
	*****B672 I64 KING ST)*****				
62537	DECK EXTENSION RETROFIT AT ABUTMENTS EBL + WBL		285.00	LF	\$427,500.00
61030	DECK JOINT CLOSURES AT PIERS EBL + WBL		285.00	LF	\$370,500.00
68314	TYPE A MILLING 1" DEPTH (ORIGINAL DECK) EBL +WBL		2,038.00	SY	\$91,710.00
68642	TYPE A HYDRO-DEMOLITION (ORIGINAL DECK+ EBL +WBL		2,038.00	SY	\$132,470.00
67201	RIGID CONCRETE OVERLAY EBL +WBL		2,038.00	SY	\$509,500.00
68192	REPLACE EXISTING BEARING ASSEMBLIES		96.00	EA	\$1,152,000.00
69822	BEARING SEAT REPAIR/CLEAN/WASH		96.00	EA	\$268,800.00
65013	CONCRETE CLASS A3		314.00	CY	\$1,256,000.00
65097	ELASTIC INCLUSION		31.00	SY	\$6,975.00
64038	DRILLED SHAFT - 60"		98.00	LF	\$343,000.00
61416	PS I-BEAM TYPE III (60'-65')		12.00	EA	\$300,000.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD		117.00	CY	\$351,000.00
62024	CONCRETE PARAPET, 42"		350.00	LF	\$70,000.00
68085	COVER DEPTH SURVEY		386.00	SY	\$3,860.00
61711	CRR REINFORCING STEEL CLASS I		70,337.00	LB	\$422,022.00
61713	CRR REINFORCING STEEL CLASS III		49,874.00	LB	\$299,244.00
64101	DYNAMIC PILE TEST		5.00	EA	\$16,000.00
64768	DRIVE TEST PILE - 12"		198.00	LF	\$138,600.00
64778	DRIVE TEST PILE - 14"		160.00	LF	\$112,000.00
64112	DRIVE PRODUCTION PILE 12" (21 EACH)		1,029.00	LF	\$236,670.00
64114	DRIVE PRODUCTION PILE 14" (25 EACH)		968.00	LF	\$222,640.00
64011	STRUCTURE EXCAVATION		683.00	CY	\$290,275.00
64015	SELECT BACKFILL (ABUTMENT ZONE)		320.00	CY	\$64,000.00
60450	CONCRETE CLASS A4 APPROACH SLAB		125.00	CY	\$187,500.00
68090	BRIDGE DECK GROOVING		2,424.00	SY	\$16,968.00
66740	CONCRETE SLOPE PROTECTION		302.00	SY	\$78,520.00
	*****HAMPTON RIVER BRIDGES****				

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
69614	HR-CONSTRUCTION ACCESS-TEMPORARY TRESTLE BRIDGE		1.00	LS	\$6,500,000.00
65013	CONCRETE CLASS A3		1,322.00	CY	\$1,983,000.00
66740	CONCRETE SLOPE SLAB PROTECTION 4"		250.00	SY	\$75,000.00
65211	CRR REINFORCING STEEL CLASS I		181,665.00	LB	\$726,660.00
66239	DRY RIP RAP CL II 38"		1,210.00	TON	\$217,800.00
64021	ELASTIC INCLUSION (ABUTMENTS)		325.00	SY	\$26,000.00
64032	GEOCOMPOSITE WALL DRAIN (BEHIND ABUTMENTS)		325.00	SY	\$26,000.00
64101	DYNAMIC PILE TEST		13.00	EA	\$104,000.00
64618	PRESTRESSED CONC CFRP STRAND PILES 12"		5,160.00	LF	\$928,800.00
64624	PRESTRESSED CONC CFRP STRAND PILES 24"		12,725.00	LF	\$5,217,250.00
64015	SELECT BACKFILL (ABUTMENT ZONE)		1,078.00	CY	\$118,580.00
64011	STRUCTURE EXCAVATION		2,750.00	CY	\$247,500.00
64045	TEMPORARY SHEET PILING		7,200.00	SF	\$252,000.00
60490	BRIDGE DECK GROOVING		10,248.00	SY	\$51,240.00
60450	CONCRETE CLASS A4 APPROACH SLAB		112.00	CY	\$179,200.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD		3,914.00	CY	\$4,696,800.00
62024	CONCRETE PARAPET, 42" SUPER		3,008.00	LF	\$1,052,800.00
61713	CRR REINFORCING STEEL CLASS III (INCL APPROACH SLA		894,170.00	LB	\$5,365,020.00
60495	COVER DEPTH SURVEY		10,248.00	SY	\$51,240.00
61247	PS BULB-T GIRDER 61"DEPTH 110-120'		56.00	EA	\$5,600,000.00
61256	PS BULB-T GIRDER 69"DEPTH 110-120'		32.00	EA	\$3,200,000.00
62400	TOOTH EXPANSION JOINT ASMBLY 1 1/2"		63.00	LF	\$11,025.00
62402	TOOTH EXPANSION JOINT ASMBLY 2"		63.00	LF	\$100,800.00
67280	COMMUNICATION LINES CONDUIT SYSTEM		1.00	LS	\$100,000.00
67400	DECK DRAINAGE SYSTEM		1.00	LS	\$75,000.00
67910	NBIS ACCESS UNDER BRIDGE (FOR INSPECTIONS)		25.00	DAY	\$45,000.00
67350	STANDPIPE SYSTEM WATER LINE (B OR VIRGINIA STR. NO		1.00	LS	\$1,200,000.00
	*****EB HAMPTON BRANCH)*****				
65013	CONCRETE CLASS A3		585.00	CY	\$1,111,500.00
66740	CONCRETE SLOPE SLAB PROTECTION 4"		503.00	SY	\$150,900.00
65211	CRR REINFORCING STEEL CLASS I		76,448.00	LB	\$229,344.00
66239	DRY RIP RAP CL II 38"		1,626.00	TON	\$292,680.00
64021	ELASTIC INCLUSION (ABUTMENTS)		145.00	SY	\$13,050.00
64032	GEOCOMPOSITE WALL DRAIN (BEHIND ABUTMENTS)		145.00	SY	\$13,050.00
64101	DYNAMIC PILE TEST		7.00	EA	\$84,000.00
64618	PRESTRESSED CONC CFRP STRAND PILES 12"		5,678.00	LF	\$965,260.00
64624	PRESTRESSED CONC CFRP STRAND PILES 24"		6,142.00	LF	\$2,518,220.00
64015	SELECT BACKFILL (ABUTMENT ZONE)		889.00	CY	\$88,900.00
64011	STRUCTURE EXCAVATION		3,537.00	CY	\$300,645.00
64045	TEMPORARY SHEET PILING		7,200.00	SF	\$252,000.00
60490	BRIDGE DECK GROOVING		5,948.00	SY	\$29,740.00
60450	CONCRETE CLASS A4 APPROACH SLAB		135.00	CY	\$229,500.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD		1,913.00	CY	\$2,295,600.00
62024	CONCRETE PARAPET, 42" SUPER		1,560.00	LF	\$702,000.00
61713	CRR REINFORCING STEEL CLASS III (INCL APPROACH SLA		447,678.00	LB	\$2,686,068.00
60495	COVER DEPTH SURVEY		5,948.00	SY	\$29,740.00
61247	PS BULB-T GIRDER 61"DEPTH 110-120'		42.00	EA	\$3,780,000.00
67280	COMMUNICATION LINES CONDUIT SYSTEM		1.00	LS	\$50,000.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
67910	NBIS ACCESS UNDER BRIDGE (FOR INSPECTIONS)		25.00	DAY	\$47,500.00
	*****WB HR BRIDGE WIDENING*****				
69030	CONCRETE CLASS A3		720.00	CY	\$1,944,000.00
69740	CONCRETE SLOPE SLAB PROTECTION 4"		309.00	SY	\$92,700.00
69100	CRR REINFORCING STEEL CLASS I		123,512.00	LB	\$555,804.00
69426	DYNAMIC PILE TEST		39.00	EA	\$140,400.00
69008	GEOCOMPOSITE WALL DRAIN (BEHIND ABUTMENTS)		240.00	SY	\$20,400.00
69010	PIPE UNDERDRAIN 6" (DECK EXT)		134.00	LF	\$11,390.00
69538	DRIVING TEST 24"		8.00	EA	\$560,000.00
69544	PRESTRESSED CONC CFRP STRAND PILES 12"		2,346.00	LF	\$527,850.00
64624	PRESTRESSED CONC CFRP STRAND PILES 24"		9,055.00	LF	\$4,301,125.00
69014	SELECT BACKFILL (ABUTMENT ZONE)		654.00	CY	\$85,020.00
69011	STRUCTURE EXCAVATION		942.00	CY	\$56,520.00
69012	TEMP SHEET PILE WB BRIDGE		900.00	SF	\$36,000.00
68578	BACKWALL RECONSTRUCTION		1.00	LS	\$60,000.00
68090	BRIDGE DECK GROOVING		16,275.00	SY	\$81,375.00
68265	CONCRETE CLASS A4 APPROACH SLAB		69.00	CY	\$89,700.00
68043	CONCRETE LOW SHRINKAGE CLASS A4 MOD		1,169.00	CY	\$2,688,700.00
68047	CONCRETE PARAPET, 42" SUPER		2,857.00	LF	\$1,285,650.00
68093	CRR REINFORCING STEEL CLASS III (INCL APPROACH SLA		286,355.00	LB	\$1,145,420.00
61334	PS I-BEAM TYPE III (60-65')		68.00	EA	\$3,026,000.00
61344	PS I-BEAM TYPE III (85-90')		4.00	EA	\$208,000.00
60495	COVER DEPTH SURVEY		2,568.00	SY	\$12,840.00
68490	DISPOSAL OF MATERIAL (FOR PAINTING)		1.00	LS	\$17,500.00
68474	ENVIRON PROTECTION, HEALTH & SAFETY (FOR PAINTING)		1.00	LS	\$7,000.00
68575	EXPANSION JOINT PREPARATION		440.00	LF	\$132,000.00
68572	EXPANSION JOINT RECONSTRUCTION		440.00	LF	\$352,000.00
68108	ASTM A709 GRADE 50W STEEL PLATE GIRDER		53,845.00	LB	\$969,210.00
67260	COMMUNICATION LINE CONDUIT SYSTEM		1.00	LS	\$180,000.00
67400	DECK DRAINAGE SYSTEM		1.00	LS	\$2,475,000.00
67902	STANDPIPE SYSTEM		1.00	LS	\$2,500,000.00
	*****WB REPAIRS UNIT COST*****				
68314	TYPE A MILLING 1"		16,275.00	SY	\$162,750.00
68642	TYPE A HYDRO-DEMOLITION 1/2"		16,275.00	SY	\$1,057,875.00
68605	FURNISH LATEX MODIFIED CONCRETE (1 1/4"-1 3/4") RE		301.00	CY	\$903,000.00
68607	PLACE LATEX MODIFIED CONCRETE OVERLAY		16,275.00	SY	\$1,627,500.00
68600	CONCRETE SUPERSTRUCTURE SURFACE REPAIR		134.00	SY	\$268,000.00
68320	PATCHING TYPE B		794.00	SY	\$218,350.00
68330	PATCHING TYPE C		318.00	SY	\$206,700.00
68172	CRACK REPAIR TYPE B (EPOXY INJECTION)		2,096.00	LF	\$272,480.00
68580	BEAM END REPAIR		36.00	EA	\$142,200.00
68455	PREPARE & SPOT COAT EXISTING STRUCTURE		100.00	SF	\$75,000.00
68550	ELASTOMERIC EXP DAM (0"-2") REPLACEMENT		125.00	LF	\$145,000.00
62537	DECK EXTENSION RETROFIT, ABUTMENTS		153.00	LF	\$42,840.00
61030	DECK JOINT CLOSURES - PIERS		389.00	LF	\$202,280.00
68192	REPLACE BEARINGS		532.00	EA	\$2,660,000.00
68590	JACKING AND BLOCKING BEAMS (BEARING REPLACEMENT)		39.00	EA	\$897,000.00
69500	CONCRETE SUBSTRUCTURE SURFACE REPAIR		90.00	SY	\$71,100.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
69815	RECONSTRUCT BRIDGE SEAT TYPE A		36.00	EA	\$190,800.00
69740	REPLACE CONCRETE SLOPE PROTECTION		50.00	SY	\$27,500.00
	*****B676 SETTLERS LANDING WB *****				
62537	DECK EXTENSION RETROFIT AT ABUTMENTS EBL + WBL		316.00	LF	\$474,000.00
61030	DECK JOINT CLOSURES AT PIERS EBL + WBL		474.00	LF	\$284,400.00
68571	REMOVE AND REPLACE JOINT SEAL BETWEEN EB AND WB		258.00	LF	\$7,740.00
68314	TYPE A MILLING 1" DEPTH (ORIGINAL DECK) EBL +WBL		3,019.00	SY	\$135,855.00
68642	TYPE A HYDRO-DEMOLITION (ORIGINAL DECK+ EBL +WBL		3,019.00	SY	\$196,235.00
67201	RIGID CONCRETE OVERLAY EBL +WBL		3,019.00	SY	\$754,750.00
68192	REPLACE EXISTING BEARING ASSEMBLIES		90.00	EA	\$1,080,000.00
69822	BEARING SEAT REPAIR/CLEAN/WASH		90.00	EA	\$270,000.00
65013	CONCRETE CLASS A3		45.00	CY	\$326,250.00
64021	ELASTIC INCLUSION		7.00	SY	\$1,400.00
64038	DRILLED SHAFT - 36"		92.00	LF	\$110,400.00
64038	DRILLED SHAFT - 48"		299.00	LF	\$598,000.00
61811	STRUCTURAL STEEL PLATE GIRDER		46,795.00	LB	\$2,105,775.00
68043	CONCRETE LOW SHRINKAGE CLASS A4 MOD		75.00	CY	\$285,000.00
62024	CONCRETE PARAPET, 42"		256.00	LF	\$30,720.00
60495	COVER DEPTH SURVEY		228.00	SY	\$2,280.00
65211	CRR REINFORCING STEEL CLASS I		36,977.00	LB	\$221,862.00
61713	CRR REINFORCING STEEL CLASS III		46,627.00	LB	\$279,762.00
64011	STRUCTURE EXCAVATION		83.00	CY	\$74,700.00
64015	SELECT BACKFILL (ABUTMENT ZONE)		110.00	CY	\$24,200.00
68265	CONCRETE CLASS A4 APPROACH SLAB		170.00	CY	\$238,000.00
68090	BRIDGE DECK GROOVING		3,247.00	SY	\$22,729.00
69740	CONCRETE SLOPE PROTECTION		103.00	SY	\$25,750.00
	*****DEMOLITION ITEMS*****				
70001	DEMO: SETTLERS LANDING		1.00	LS	\$250,000.00
70001	DEMO: KING STREET BRIDGE		1.00	LS	\$400,000.00
70001	DEMO: HAMPTON RIVER WBL		1.00	LS	\$2,250,000.00
70001	DEMO: HAMPTON RIVER EBL		1.00	LS	\$8,500,000.00
24500	DEMO: RETAINING & SOUND WALLS		1.00	LS	\$300,000.00
	*****BRIDGE REPAIR SCOPE*****				
68308	CONCRETE SUPERSTRUCTURE SURFACE REPAIR		43.00	SY	\$94,600.00
68320	TYPE B PATCHING		60.00	SY	\$84,000.00
68330	TYPE C PATCHING		20.00	SY	\$36,000.00
68172	CRACK REPAIR TYPE B (EPOXY INJECTION)		3,340.00	LF	\$83,500.00
68580	BEAM END REPAIR		69.00	EA	\$483,000.00
68600	CONCRETE SUBSTRUCTURE SURFACE REPAIR		138.00	SY	\$165,600.00
68192	RECONSTRUCT BRIDGE SEAT		25.00	EA	\$75,000.00
69900	REPLACE CONCRETE SLOPE PROTECTION		249.00	SY	\$74,700.00
69901	I64 OWEN ST UNDERPASS		1.00	LS	\$40,000.00
69903	I64 BRIGHTS CREEK REPAIRS		1.00	LS	\$250,000.00
40012	UTILITY RELOCATION		1.00	LS	\$3,250,000.00
70093	DESIGN BUILD RIGHT OF WAY		1.00	LS	\$450,000.00
25595	QA SERVICES		1.00	LS	\$9,000,000.00
25595	QC SERVICES		1.00	LS	\$9,500,000.00
28500	ENVIRONMENTAL & WETLAND MITIGATION		1.00	LS	\$550,000.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
25591	DESIGN BUILD ENGINEERING		1.00	LS	\$37,000,000.00
					<b>\$313,872,235.00</b>

<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**

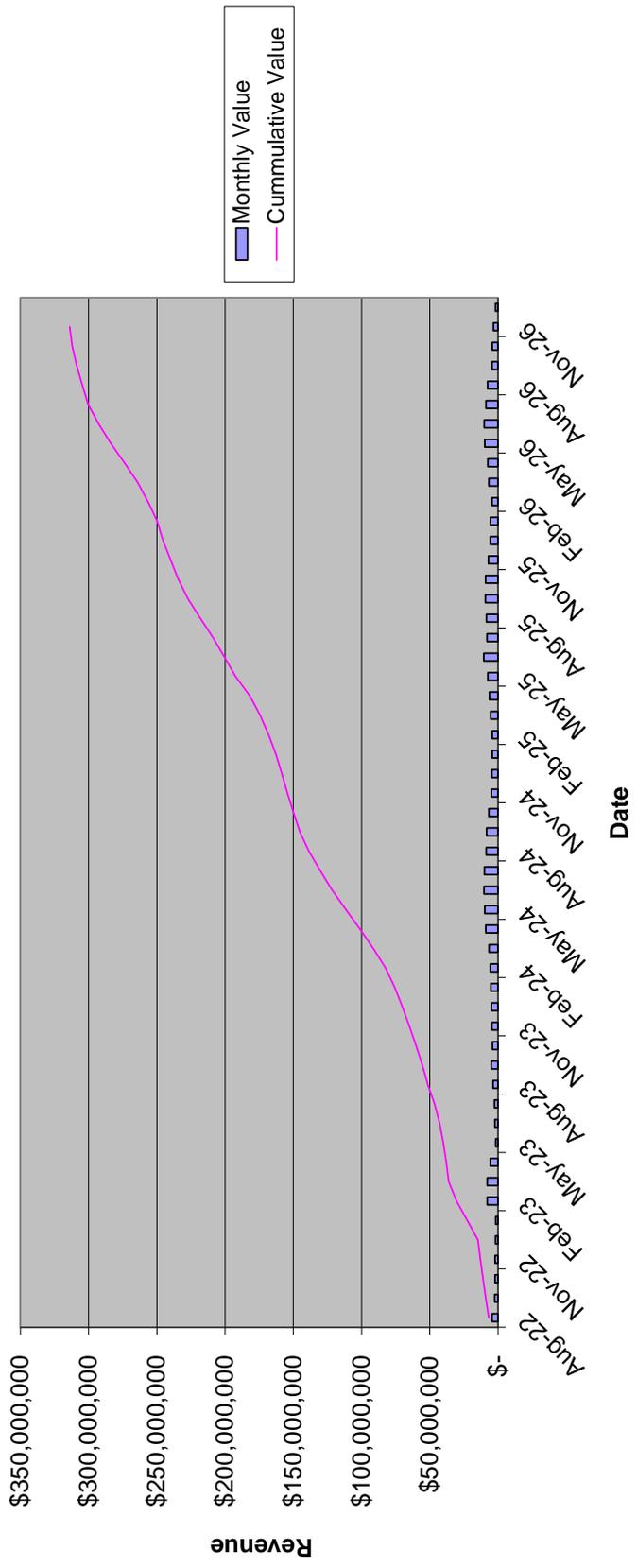
## **5. Proposed Monthly Payment Schedule**



### Monthly Payment Schedule

Period Ending (Month)	Projected Monthly Total:	Projected Cumulative Total:
August 2022	\$ 4,394,211	\$ 4,394,211
September 2022	\$ 2,385,429	\$ 6,779,640
October 2022	\$ 2,165,718	\$ 8,945,359
November 2022	\$ 2,102,944	\$ 11,048,303
December 2022	\$ 1,914,621	\$ 12,962,923
January 2023	\$ 1,726,297	\$ 14,689,221
February 2023	\$ 7,846,806	\$ 22,536,026
March 2023	\$ 7,878,193	\$ 30,414,220
April 2023	\$ 5,743,862	\$ 36,158,081
May 2023	\$ 1,757,685	\$ 37,915,766
June 2023	\$ 2,259,880	\$ 40,175,646
July 2023	\$ 2,573,752	\$ 42,749,398
August 2023	\$ 3,672,305	\$ 46,421,704
September 2023	\$ 5,021,956	\$ 51,443,659
October 2023	\$ 4,080,339	\$ 55,523,998
November 2023	\$ 4,551,147	\$ 60,075,146
December 2023	\$ 4,802,245	\$ 64,877,391
January 2024	\$ 5,241,666	\$ 70,119,057
February 2024	\$ 5,649,700	\$ 75,768,758
March 2024	\$ 6,622,704	\$ 82,391,462
April 2024	\$ 9,008,133	\$ 91,399,595
May 2024	\$ 9,730,039	\$ 101,129,634
June 2024	\$ 10,326,397	\$ 111,456,031
July 2024	\$ 10,043,912	\$ 121,499,942
August 2024	\$ 8,694,261	\$ 130,194,203
September 2024	\$ 8,286,227	\$ 138,480,430
October 2024	\$ 6,654,091	\$ 145,134,521
November 2024	\$ 4,739,471	\$ 149,873,992
December 2024	\$ 4,456,986	\$ 154,330,978
January 2025	\$ 4,174,501	\$ 158,505,479
February 2025	\$ 4,205,888	\$ 162,711,367
March 2025	\$ 5,367,215	\$ 168,078,582
April 2025	\$ 6,246,057	\$ 174,324,639
May 2025	\$ 7,532,934	\$ 181,857,573
June 2025	\$ 10,451,945	\$ 192,309,518
July 2025	\$ 8,066,516	\$ 200,376,035
August 2025	\$ 8,537,325	\$ 208,913,360
September 2025	\$ 9,290,618	\$ 218,203,978
October 2025	\$ 9,039,520	\$ 227,243,498
November 2025	\$ 6,967,964	\$ 234,211,462
December 2025	\$ 5,681,087	\$ 239,892,549
January 2026	\$ 5,555,539	\$ 245,448,088
February 2026	\$ 4,394,211	\$ 249,842,299
March 2026	\$ 6,685,479	\$ 256,527,778
April 2026	\$ 7,532,934	\$ 264,060,711
May 2026	\$ 9,667,265	\$ 273,727,976
June 2026	\$ 10,106,686	\$ 283,834,662
July 2026	\$ 8,757,035	\$ 292,591,697
August 2026	\$ 7,658,483	\$ 300,250,180
September 2026	\$ 4,362,824	\$ 304,613,004
October 2026	\$ 4,143,114	\$ 308,756,118
November 2026	\$ 3,264,271	\$ 312,020,389
December 2026	\$ 1,851,846	\$ 313,872,235
	<b>\$ 313,872,235.00</b>	

# Projected Revenue Curve



**Section 4.7.4**  
**6. Attachments 6.3 (a, c, d)**  
**Adjustments to Asphalt, Steel, and Fuel Prices**



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

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

November 10, 2021

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 Tons BM-25.0A x 5.2% x \$45.00/Ton = + \$23,400.00 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**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>SPECIFICATION</b>
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

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

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
OPTIONAL ADJUSTMENT FOR FUEL**

November 10, 2021

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.

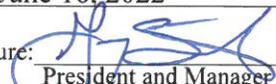
In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce,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

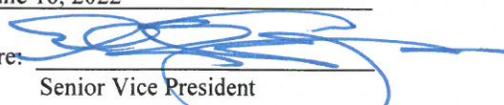
Date: June 16, 2022

Signature:   
President and Manager

Design-Builder: Shirley-Branch Joint Venture

Vendor No.: JV099

Date: June 16, 2022

Signature:   
Senior Vice President

Design-Builder: Shirley-Branch Joint Venture

Vendor No.: JV099

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

November 10, 2021

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.



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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.**

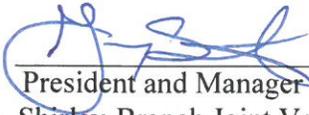
<b>ITEM NUMBER</b>	<b>ITEM DESCRIPTION</b>	<b>UNITS</b>	<b>Number WPU used in \$ adjust.</b>
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
13545	REINF. STEEL	LB	101704
14502	REINFORCING 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: June 16, 2022

Signature: 

President and Manager

Design-Builder: Shirley-Branch Joint Venture

Vendor No.: JV099

Date: June 16, 2022

Signature: 

Senior Vice President

Design-Builder: Shirley-Branch Joint Venture

Vendor No.: JV099

**Section 4.7.5**  
**7. Proposal Guaranty Form C-24**



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY**

KNOW ALL MEN BY THESE PRESENTS, THAT WE Shirley-Branch Joint Venture As principal, and Travelers Casualty and Surety Company of America 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 16th Day of June, 20 22

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

PROJECT NUMBER: Contract ID Number: C00117841DB111 - A DESIGN-BUILD PROJECT  
I-64 Hampton Roads Express Lanes (HREL) Segment 4C - From: 0.138 miles East of LaSalle Ave  
To: 0.500 miles East of Settlers Landing Road, City of Hampton, Virginia

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.

Shirley-Branch Joint Venture  
\_\_\_\_\_  
(Principal\*)  
By: [Signature]  
\_\_\_\_\_  
(Officer, Partner or Owner) (Seal)  
Gregory S. Smith, President & Manager

Travelers Casualty and Surety Company of America  
\_\_\_\_\_  
(Surety Company)  
By: [Signature]  
\_\_\_\_\_  
(Attorney-in-Fact\*\*) (Seal) Karen C. Bowling  
One Tower Square, Hartford, CT 06183  
\_\_\_\_\_  
(Address)  
Attorney-in-Fact

Shirley-Branch Joint Venture  
\_\_\_\_\_  
(Principal\*)  
By: [Signature]  
\_\_\_\_\_  
(Officer, Partner or Owner) (Seal)  
Daniel E. Clymore, Senior Vice President  
\_\_\_\_\_  
(Principal\*)

By: \_\_\_\_\_  
(Surety Company)  
\_\_\_\_\_  
(Attorney-in-Fact\*\*) (Seal)

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



**Travelers Casualty and Surety Company of America  
Travelers Casualty and Surety Company  
St. Paul Fire and Marine Insurance Company**

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:** That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Karen C Bowling** of **COLUMBIA, Maryland**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

**IN WITNESS WHEREOF**, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

City of Hartford ss.

By:   
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

**IN WITNESS WHEREOF**, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026



Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

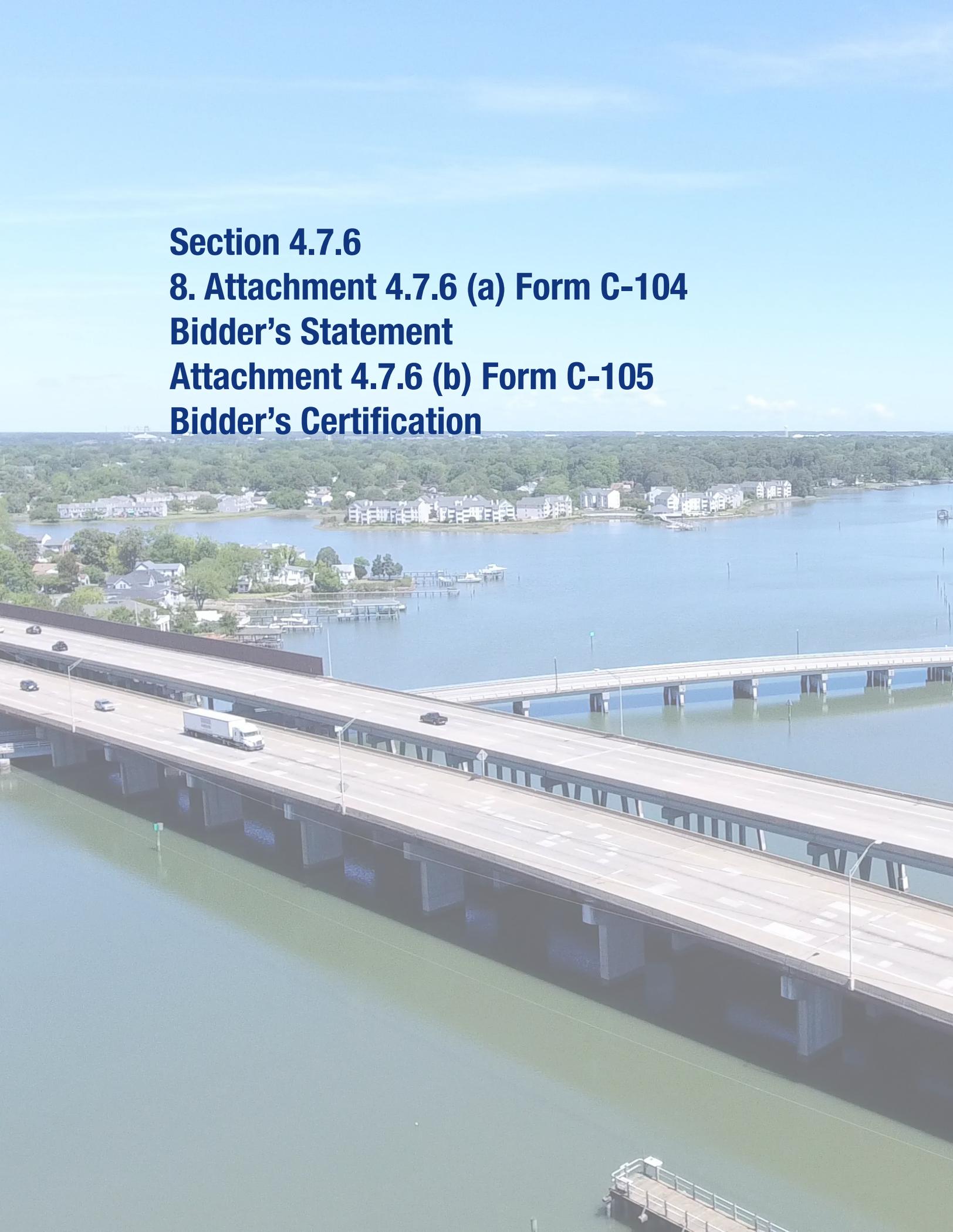
Dated this 16th day of June, 2022



Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.**

**Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**



**Section 4.7.6**

**8. Attachment 4.7.6 (a) Form C-104**

**Bidder's Statement**

**Attachment 4.7.6 (b) Form C-105**

**Bidder's Certification**

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0064-114-374 P101, R201, C501

FHWA:

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 Fairfax (Lorton), VA this 16th day of June, 20 22  
County (City), STATE  
Shirley Contracting Company, LLC By: [Signature] President and Manager  
(Name of Firm) (Signature) Senior Vice President  
STATE of Virginia COUNTY (CITY) of Fairfax (Lorton)  
To-wit:

I Heather Seich Spence, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Gregory S. Smith and Daniel E. Clymore

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 16th day of June, 20 22  
My Commission expires September 30, 2022



**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  
AFFIDAVIT**

PROJECT: 0064-114-374 P101, R201, C501

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
_____	_____
_____	_____
_____	_____

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 Fairfax (Lorton), VA this 16 day of June, 20 22  
County (City), STATE  
Shirley Contracting Company, LLC By: [Signature] President and Manager  
(Name of Firm) (Signature) Senior Vice President  
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To-wit:

I Heather Seich Spence, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Gregory S. Smith, Daniel E. Clymore 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 16th day of June, 20 22  
[Signature] My Commission expires September 30, 2022  
Notary Public

