

ORIGINAL



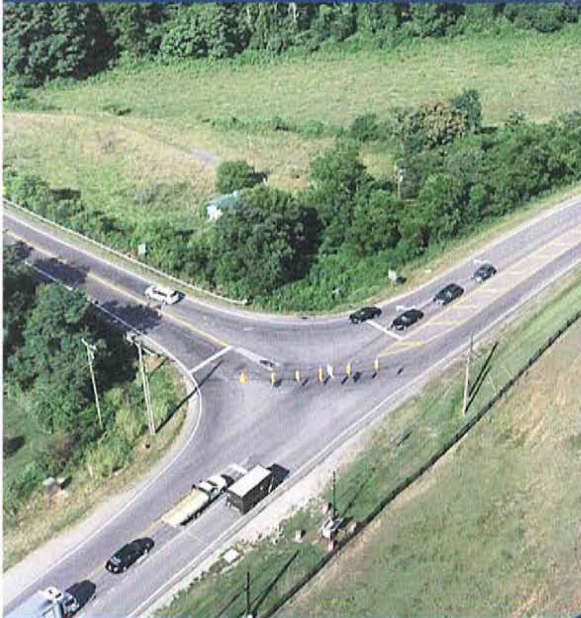
Albemarle County, Virginia

PRICE PROPOSAL

June 21, 2019

ALBEMARLE INTERSECTION BUNDLING

A DESIGN-BUILD PROJECT



UPC (State Project Nos.; Federal Project Nos.)

UPC 111814 (0250-002-956, P101, R201, C501; NHPP-002-7(051));

UPC 111727 (0029-002-959, P101, C501; HSIP-5104(269));

UPC 111813 (0029-002-955, P101, R201, C501; NHPP-002-7(050));

UPC 111730 (0250-002-954, P101, R201, C501; HSIP-002-7(049));

UPC 111733 (0020-002-953, P101, R201, C501; STP-5104(267));

UPC 109397 (9999-002-941, P101, R201, C501)

Contract ID Number: C00111814DB103

SUBMITTED BY



DESIGN-BUILD PRICE PROPOSAL CHECKLIST

Project Name: ALBEMARLE INTERSECTION BUNDLING
Contract ID Number: C00111814DB103

➤ Contents of Price Proposal:

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Attachment 4.7.1)
 - Schedule of Items itemized in accordance with Part 1, Section 4.7.2, 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 4.7.3
 - 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)
 - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications
 - Sworn Statement Forms (C-104, C-105, Attachments 4.7.6(a) and 4.7.6(b))
 - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file
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ATTACHMENT 3.7

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFP NO. C00111814DB103
 UPC 111814 (0250-002-956, P101, R201, C501; NHPP-002-7(051));
 UPC 111727 (0029-002-959, P101, C501; HSIP-5104(269));
 UPC 111813 (0029-002-955, P101, R201, C501; NHPP-002-7(050));
 UPC 111730 (0250-002-954, P101, R201, C501; HSIP-002-7(049));
 PROJECT NO.: UPC 111733 (0020-002-953, P101, R201, C501; STP-5104(267));
UPC 109397 (9999-002-941, 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 3.6, 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 – November 27, 2018
(Date)
2. Cover letter of Addendum #1- February 7, 2019
(Date)
3. Cover letter of Addendum #2- March 19, 2019
(Date)
4. Cover letter of Addendum #3- April 10, 2019
(Date)
5. Cover letter of Addendum #4- May 3, 2019
(Date)
6. Cover letter of Revised Price Proposal Submittal Requirements- June 14, 2019
(Date)



 SIGNATURE

6/21/19

 DATE

Michael A. Colbert

 PRINTED NAME

Chief Estimator

 TITLE

4.7.1

Cost Breakdown Summary

ATTACHMENT 4.7.1

PRICE PROPOSAL FORM

5.2 Price Proposal Evaluation Factors

5.2.1 Price Proposals will be scored in accordance with the Design-Build Procurement Manual, dated April 2017 as follows:

.1 Each Offeror's Price Proposal for the Base Scope, Option 1, Option 2, Option 3, Option 4 and Option 5 will be combined together to develop the Total Proposal Price.

.2 The Offeror submitting the lowest Total Proposal Price for the Base Scope, Option 1, Option 2, Option 3, Option 4 and Option 5 will be awarded the maximum number of points, seventy (70).

.3 The next-lowest Price Proposal will be awarded points based on the product of: (a) the ratio of the lowest Price Proposal divided by the next-lowest Price Proposal; and (b) seventy (70) points (i.e., the points awarded for the lowest Price Proposal), with such product rounded to the nearest one hundredth of a point.

.4 The process will continue for each of the remaining Price Proposals, with points being awarded based on the product of: (a) the ratio of the lowest Price Proposal divided by the respective Offeror's Price Proposal; and (b) seventy (70) points (i.e., the points awarded for the lowest Price Proposal), with such product rounded to the nearest one hundredth of a point.

5.2.2 VDOT will open and read the Price Proposals publicly on the date and time set forth in Part 1, Section 2.3.1.

Base Scope and Option Description

Base scope includes revisions to Part 2 as released in the Draft Part 2 document to be incorporated in final contract.

The following items are Options to the overall project:

- Option 1 is the removal of all landscaping requirements as defined in RFP Part 2, Section 2.8 Landscaping
- Option 2 is removing the milling and overlay on the eastbound U.S. 250 from Rt. 250 EB Const. B.L. Station 530+00 to Station 537+25 on the UPC 111814 – I-64 Exit 124 Interchange Improvements element. Proposed paved shoulder in this area will still be constructed with this option.
- Option 3 is allowing 4' shoulder behind the curb and gutter on the Ramp B turn lane and transition to ramp for the UPC 111814 – I-64 Exit 124 Interchange

Improvements element (Rt. 250 EB Const. B.L. Sta 510+00 +/- to Ramp B Station 200+00 +/-)

- Option 4 is removal of the lighting requirements for the UPC 111730 – U.S. Route 250 and Route 151 Roundabout element of the project
- Option 5 is Economy of Scale assuming all six elements will be included in the award.

4.78.1 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	\$ 4,005,000.00
Construction Services (exclude QA/QC), LS	\$ 27,931,375.00
Quality Assurance (QA) (Construction), LS	\$ 2,436,000.00
Quality Control (QC) (Construction), LS	\$ 1,914,000.00
<u>All Other Costs, LS</u>	<u>\$ -0.00 -</u>

Base Scope – Subtotal \$ 36,286,375.00

B. Option 1 \$ (325,000.00)

C. Option 2 \$ (35,000.00)

D. Option 3 \$ (25,000.00)

E. Option 4 \$ (90,000.00)

F. Option 5 \$ (200,000.00)

Options resulting in cost reduction / negative values should be shown in parenthesis.

Total Proposal Price (Base Scope Subtotal + Option 1 + Option 2 + Option 3 + Option 4 + Option 5-); (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): THIRTY FIVE MILLION, SIX HUNDRED ELEVEN THOUSAND,

THREE HUNDRED SEVENTY FIVE AND NO/100 (\$ 35,611,375.00)

Design-Builder acknowledges and expressly waives its right to protest revisions to the Price Proposal submittal process originally advertised in the RFP. This process, related to the revised Price Proposal submittal requirements, was discussed during the proprietary meetings held with each Offeror on June 6, 2019.

Signature:  Date: 6/19/2019

Design-Builder: Branch Civil, Inc.

Vendor No.: B319

4.7.2

Schedule of Items

Attachment 4.7.2
ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C00111814DB103

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: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
	PROJECT WIDE COSTS				
00100	MOBILIZATION		1	LS	\$ 1,000,000.00
25593	QA/QC		1	LS	\$ 1,150,000.00
	NS PROJECT MANAGEMENT		1	LS	\$ 7,770,000.00
	NS PUBLIC RELATIONS		1	LS	\$ 80,000.00
25565	BASELINE SCHEDULE		1	LS	\$ 50,000.00
25567	SCHEDULE UPDATES		37	EA	\$ 92,500.00
	NS BONDS AND INSURANCE		1	LS	\$ 650,000.00
	UPC 109397 RIO MILLS RD				
	DESIGN		1	LS	\$ 525,000.00
	QA/QC		1	LS	\$ 175,000.00
	NS PUBLIC RELATIONS		1	LS	\$ 15,000.00
00110	CLEARING		4	AC	\$ 35,700.00
00120	REGULAR EXCAVATION	F	18,200	CY	\$ 309,400.00
00588	UNDERDRAIN UD-4		1,700	LF	\$ 28,900.00
00591	CROSSDRAIN CD-2		35	LF	\$ 525.00
00595	OUTLET PIPE		140	LF	\$ 2,590.00
00596	ENDWALL EW-12		6	EA	\$ 6,060.00
01150	15" PIPE		281	LF	\$ 14,893.00
01180	18" PIPE		122	LF	\$ 7,442.00
01240	24" PIPE		268	LF	\$ 20,502.00
06151	15" END SECTION ES-1		1	EA	\$ 930.00
06241	24" END SECTION ES-1		3	EA	\$ 3,690.00
06819	DROP INLET DI-3B, L=8'		3	EA	\$ 15,120.00
06837	DROP INLET DI-3C, L=10'		2	EA	\$ 10,680.00
07510	DROP INLET DI-7A		2	EA	\$ 13,940.00
07512	DROP INLET DI-7B		2	EA	\$ 18,060.00
09150	EROS. CONTR. STONE CL. 1, EC-1	F	10	TON	\$ 705.00
10128	AGGR. BASE MATL TY. I NO. 21B	F	2410	TON	\$ 67,480.00
10607	ASPH. CONC. SM-12.5A	F,P	430	TON	\$ 40,850.00
10635	ASPH. CONC. SM-9.5A	F,P	120	TON	\$ 22,800.00
10643	ASPH. CONC. BM-25.0A	F,P	1154	TON	\$ 98,090.00
12022	RADIAL CURB CG-2		160	LF	\$ 4,480.00
12600	STD. COMB CURB & GUTTER CG-6		1920	LF	\$ 58,560.00
13220	STD 4" SIDEWALK		62	SY	\$ 4,154.00
13108	CG-12 DETECTABLE TILES		66	SF	\$ 3,729.00
13120	NS CG-12 RAMP CURBS		65	LF	\$ 1,690.00
13212	R/W MONUMENT RM-2		19	EA	\$ 3,249.00
14260	CRUSHER RUN AGGR. NO 25 OR 26	F	240	TON	\$ 6,600.00
24265	NS MAINTENANCE OF TRAFFIC		1	LS	\$ 35,000.00
24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	F	892	SY	\$ 8,474.00
24420	DEMOLITION OF PAVEMENT (RIGID)	F	76	SY	\$ 684.00
11070	NS SAW-CUT ASPH CONC		20	LF	\$ 150.00
27505	TEMP. SILT FENCE TYPE A		1000	LF	\$ 3,250.00

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ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C00111814DB103

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

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Date: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
27345	TEMP DIVERSION DIKE		1500	LF	\$ 4,125.00
	NS CONSTRUCTION ENTRANCE		1	EA	\$ 5,100.00
27451	INLET PROTECTION , TYPE A		4	EA	\$ 792.00
27461	INLET PROTECTION , TYPE B		5	EA	\$ 870.00
	NS TEMPORARY SEED AND MULCH		20,000	SY	\$ 7,000.00
	NS PERMANENT SEED AND MULCH		14000	SY	\$ 5,600.00
27545	SWM EXCAVATION	F	9640	CY	\$ 159,060.00
27550	STORM WATER MAN.DRAI.STR. SWM-1		10	LF	\$ 132,000.00
54032	4" YELLOW TYPE B CLASS 1		2850	LF	\$ 4,275.00
54042	24" WHITE STOP BAR TYPE B CLASS 1		15	LF	\$ 420.00
50900	NS TRAFFIC SIGNS		1	LS	\$ 16,400.00
40012	NS UTILITY RELOCATIONS		1	LS	\$ 7,000.00
38950	NS LANDSCAPING		1	LS	\$ 45,000.00
28501	NS WETLAND MITIGATION		1	LS	\$ 30,000.00
00101	CONSTRUCTION SURVEY		1	LS	\$ 26,000.00
	UPC 111727 I64 EXIT 118				
	DESIGN		1	LS	\$ 380,000.00
	QA/QC		1	LS	\$ 370,000.00
	NS PUBLIC RELATIONS		1	LS	\$ 17,000.00
00110	CLEARING AND GRUBBING		0.25	ACRE	\$ 4,250.00
00120	REGULAR EXCAVATION	F	5960	CY	\$ 169,860.00
00136	BORROW EXCAVATION	F	5204	CY	\$ 52,040.00
00529	FLOWABLE BACKFILL		16	CY	\$ 6,448.00
00588	UNDERDRAIN UD-4		2284	LF	\$ 38,828.00
00591	CROSSDRAIN CD-2		36	LF	\$ 720.00
00595	OUTLET PIPE		200	LF	\$ 3,700.00
00596	ENDWALL EW-12		5	EA	\$ 5,050.00
01152	15" CONC. PIPE		30	LF	\$ 1,635.00
01156	STORM SEWER PIPE 15"		454	LF	\$ 24,743.00
01240	24" PIPE		57	LF	\$ 4,360.50
02112	NS DRAINAGE UNDERDRAIN CLEANOUT		2	EA	\$ 786.00
06150	15" END SECTION ES-1 OR 2		1	EA	\$ 930.00
06151	15" END SECTION ES-1		1	EA	\$ 930.00
06240	24" END SECTION ES-1 OR 2		2	EA	\$ 2,460.00
07510	DROP INLET DI-7A		1	EA	\$ 6,970.00
08263	DROP INLET DI-10K TY. II,L=10'		2	EA	\$ 15,500.00
	NS ADJUST EXISTING STORM MH		1	LS	\$ 114,200.00
0'9149	EROS.CONTR.STONE CL. A1 EC-1	F	4	SY	\$ 328.00
09151	EROS.CONTR.STONE CL. I, EC-1	F	4	SY	\$ 282.00
09185	PAVED DITCH PG-2A		171	SY	\$ 26,163.00
10128	AGGR. BASE MATL. TY. I NO. 21B	F	3,044	TON	\$ 91,320.00
14260	AGGR. MATL. NO. 25 OR 26	F	42	TON	\$ 1,323.00
10609	ASPHALT CONCRETE .TY. SM-12.5E	F,P	680	TON	\$ 81,600.00

Attachment 4.7.2
ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C00111814DB103

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: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
10611	ASPHALT CONCRETE TY. IM-19.0D	F,P	720	TON	\$ 86,400.00
10628	FLEXIBLE PAVE.PLANING 0"-2"	F	2,450	SY	\$ 12,250.00
10629	FLEXIBLE PAVE. PLANING ABOVE 2"-4"	F	592	SY	\$ 6,512.00
10643	ASPHALT CONCRETE TY. BM-25.0D	F,P	2,224	TON	\$ 217,952.00
11070	NS SAW-CUT ASPH CONC		3,360	LF	\$ 25,200.00
13280	GUARDRAIL GR-MGS1		100	LF	\$ 2,300.00
13286	GUARDRAIL TERMINAL GR-MGS2		3	EA	\$ 10,410.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		2	EA	\$ 2,320.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		4	EA	\$ 3,700.00
13390	FIXED OBJECT ATTACH. GR-FOA-4 TY. II		1	EA	\$ 3,700.00
13421	MEDIAN BARRIER MB-3		260	LF	\$ 14,820.00
13485	MEDIAN BARRIER MB-8A TYPE I		360	LF	\$ 73,080.00
13604	IMPACT ATTN. SER. TY. 1		1	EA	\$ 30,000.00
24265	NS MAINTENANCE OF TRAFFIC		1	LS	\$ 216,000.00
24430	DEMO. OF PAVEMENT (FLEXIBLE)	F	1740	SY	\$ 34,800.00
11070	NS SAW-CUT ASPH CONC		3700	LF	\$ 13,875.00
	NS DEMO. OF CONCRETE DITCH		153	SY	\$ 1,377.00
24600	REMOVE EXISTING GUARDRAIL		1230	LF	\$ 6,150.00
27451	INLET PROTECTION , TYPE A		3	EA	\$ 594.00
27461	INLET PROTECTION , TYPE B		4	EA	\$ 696.00
27461	CULVERT INLET PROTECTION		1	EA	\$ 174.00
27505	TEMP. SILT FENCE TYPE A		1000	LF	\$ 3,250.00
	NS CONSTRUCTION ENTRANCE		2	EA	\$ 10,200.00
	NS TEMPORARY SEED AND MULCH		7000	SY	\$ 2,450.00
	NS PERMANENT SEED AND MULCH		4000	SY	\$ 1,600.00
27545	SWM EXCAVATION	F	574	CY	\$ 15,498.00
27550	STORM WATER MAN.DRAIN.STR.SWM-1		4	LF	\$ 11,200.00
50036	FLEXIBLE POST DELINEATOR, SURFACE MOUNT		16	EA	\$ 2,096.00
54032	4" WHITE TYPE B CLASS 1		1	LF	\$ 1.50
54034	6" WHITE TYPE B CLASS 1		1	LF	\$ 2.50
54042	24" STOP BAR WHITE TYPE B CLASS 1		1	LF	\$ 28.00
54571	DIRECTIONAL ARROW		12	EA	\$ 5,952.00
54217	SNOW PLOWABLE RAISED PAVEMENT MARKINGS		20	EA	\$ 910.00
16300	RUMBLE STRIPS		300	LF	\$ 5,100.00
16301	LIQUID ASPHALT COATING		33	SY	\$ 561.00
50900	SIGNING (OVERHEAD AND GROUND MOUNT)		1	LS	\$ 98,000.00
52000	SIGNAL		1	LS	\$ 265,000.00
28501	NS WETLANDS MITIGATION		1	LS	\$ 14,000.00
00101	CONSTRUCTION SURVEY		1.00	LS	\$ 26,000.00
	UPC 111730 Rt 250/151 ROUNDABOUT				
	DESIGN		1	LS	\$ 700,000.00
	QA/QC		1	LS	\$ 660,000.00
	NS PUBLIC RELATIONS		1	LS	\$ 35,000.00

Attachment 4.7.2
ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C0011814DB103

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: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00110	CLEARING AND GRUBBING		0.5	ACRE	\$ 8,500.00
00120	REGULAR EXCAVATION	F	10259	CY	\$ 164,144.00
00136	BORROW EXCAVATION	F	9954	CY	\$ 144,333.00
00523	NS PRECAST BOX CULVERT (QUAD 12'x6')		98	LF	\$ 970,200.00
00588	UNDERDRAIN UD-4		1550	LF	\$ 26,350.00
00595	OUTLET PIPE		70	LF	\$ 1,260.00
00596	ENDWALL EW-12		2	EA	\$ 2,020.00
01150	15" PIPE		328	LF	\$ 17,712.00
01180	18" PIPE		294	LF	\$ 17,934.00
01240	24" PIPE		78	LF	\$ 5,967.00
01360	30" PIPE		143	LF	\$ 19,019.00
06151	15" END SECTION ES-1		1	EA	\$ 930.00
06241	24" END SECTION ES-1		1	EA	\$ 1,230.00
06301	30" END SECTION ES-1		2	EA	\$ 3,500.00
06817	DROP INLET DI-3B, L= 4'		1	EA	\$ 4,490.00
06819	DROP INLET DI-3B, L= 8'		9	EA	\$ 45,360.00
06837	DROP INLET DI-3C, L=10'		7	EA	\$ 37,380.00
07508	DROP INLET DI-7		2	EA	\$ 9,800.00
07510	DROP INLET DI-7A		1	EA	\$ 6,970.00
	NS ADJUST EXISTING STORM		1	LS	\$ 18,600.00
09150	EROS. CONTR. STONE CL. 1, EC-1	F	452	TON	\$ 31,866.00
10128	AGGR. BASE MATL TY. I NO. 21B	F	2812	TON	\$ 88,578.00
10603	ASPH. CONC. IM-19.0A	F,P	1134	TON	\$ 124,740.00
10628	FLEXIBLE PAVE. PLANING 0"-2"	F	2740	SY	\$ 13,700.00
10635	ASPH. CONC. SM-9.5A	F,P	24	TON	\$ 4,800.00
10637	ASPH. CONC. SM-9.5E	F,P	730	TON	\$ 94,900.00
10643	ASPH. CONC. BM-25.0A	F,P	1452	TON	\$ 142,296.00
12020	ST'D. CURB CG-2		250	LF	\$ 7,000.00
12032	MOD. CG-3		346	LF	\$ 10,207.00
12600	ST'D. COMB CURB & GUTTER CG-6		1560	LF	\$ 47,580.00
14260	CRUSHER RUN AGGR. NO 25 OR 26	F	66	TON	\$ 1,716.00
21020	MS-1		364	SY	\$ 55,692.00
	NS TRUCK APRON		4,560	SF	\$ 82,080.00
13570	NS RETAINING WALL		1,430	SF	\$ 121,550.00
13212	R/W MONUMENT RM-2		26	EA	\$ 4,446.00
13280	GUARDRAIL GR-MGS1		655	LF	\$ 15,065.00
13283	GUARDRAIL TERMINAL GR-MGS2		4	EA	\$ 13,880.00
24265	NS MAINTENANCE OF TRAFFIC		1	LS	\$ 450,000.00
	NS TEMPORARY SHORING		1,440	SF	\$ 93,600.00
	NS TEMPORARY WIRE WALL		7,000	SF	\$ 63,000.00
24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	F	5,075	SY	\$ 60,900.00
51911	NS SAW-CUT ASPH CONC		3,400	LF	\$ 12,750.00
27451	INLET PROTECTION, TYPE A		3	EA	\$ 594.00

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ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
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SCHEDULE OF ITEMS (ver. 4-15-2014)

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Date: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
27461	INLET PROTECTION , TYPE B		17	EA	\$ 2,958.00
27505	TEMP. SILT FENCE TYPE A		2,500	LF	\$ 8,125.00
27345	TEMP DIVERSION DIKE		1,000	LF	\$ 2,750.00
	NS CONSTRUCTION ENTRANCE		3	EA	\$ 13,800.00
	NS TEMPORARY SEED AND MULCH		16,000	SY	\$ 5,600.00
	NS PERMANENT SEED AND MULCH		10,000	SY	\$ 4,000.00
54032	4" WHITE TYPE B CLASS 1		2,300	LF	\$ 3,450.00
54032	4" YELLOW TYPE B CLASS 1		2,700	LF	\$ 4,050.00
54100	24" YEILD CHEVRONS TYPE B CLASS 1		45	LF	\$ 1,260.00
54100	DIRECTIONAL ARROW		10	EA	\$ 4,960.00
54217	SNOW PLOWABLE RAISED PAVEMENT MARKINGS		20	EA	\$ 910.00
50900	SIGNING (GROUND MOUNT)		1	LS	\$ 75,000.00
52000	NS TRAFFIC SIGNALIZATION - TEMPORARY		1	LS	\$ 155,000.00
59001	LIGHTING		1	LS	\$ 90,000.00
40012	UTILITY RELOCATION		1	LS	\$ 120,000.00
38950	LANDSCAPING		1	LS	\$ 180,000.00
28501	WETLAND MITIGATION		1	LS	\$ 28,000.00
00101	CONSTRUCTION SURVEY		1	LS	\$ 26,000.00
	UPC 111733 Rt 20/649 ROUNDABOUT				
	DESIGN		1	LS	\$ 700,000.00
	QA/QC		1	LS	\$ 765,000.00
	NS PUBLIC RELATIONS		1	LS	\$ 30,000.00
00110	CLEARING AND GRUBBING		1.6	ACRE	\$ 24,000.00
00120	REGULAR EXCAVATION	F	7090	CY	\$ 155,980.00
00136	BORROW EXCAVATION	F	2390	CY	\$ 23,900.00
00211	MINOR STR. EXCAV. PIPE CULVERT	F	310	CY	\$ 4,340.00
00525	CONCRETE CLASS A3 MISC.	F	11	CY	\$ 7,755.00
00529	FLOWABLE BACKFILL		45	CY	\$ 10,800.00
00588	UNDERDRAIN UD-4		2270	LF	\$ 38,590.00
00591	CROSSDRAIN CD-2		100	LF	\$ 1,500.00
00595	OUTLET PIPE		20	LF	\$ 370.00
00596	ENDWALL EW-12		2	EA	\$ 2,020.00
01152	15" CONC. PIPE		28	LF	\$ 1,680.00
01156	STORM SEWER PIPE 15"		297	LF	\$ 17,820.00
01186	STORM SEWER PIPE 18"		191	LF	\$ 13,370.00
01246	STORM SEWER PIPE 24"		75	LF	\$ 7,650.00
01480	48" PIPE		191	LF	\$ 45,267.00
06150	15" END SECTION ES-1 OR 2		3	EA	\$ 2,790.00
06151	15" END SECTION ES-1		1	EA	\$ 930.00
06180	18" END SECTION ES-1 OR 2		1	EA	\$ 1,070.00
06240	24" END SECTION ES-1 OR 2		2	EA	\$ 2,460.00
06745	DROP INLET DI-2A		1	EA	\$ 5,170.00
06748	DROP INLET DI-2B,L=6'		1	EA	\$ 5,890.00

Attachment 4.7.2
ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C00111814DB103

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: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
06815	DROP INLET DI-3A		5	EA	\$ 20,950.00
06817	DROP INLET DI-3B,L=4'		1	EA	\$ 4,490.00
06835	DROP INLET DI-3C,L=6'		1	EA	\$ 4,790.00
07506	DROP INLET DI-5		2	EA	\$ 10,500.00
09406	MANHOLE MH-1		8	LF	\$ 3,272.00
09057	FRAME & COVER MH-1		1	EA	\$ 585.00
	NS ADJUST EXISTING STORM		1	LS	\$ 7,950.00
09149	EROS.CONTR.STONE CL. A1 EC-1	F	6	SY	\$ 492.00
09153	EROS.CONTR.STONE CL. II, EC-1	F	27	SY	\$ 3,618.00
10128	AGGR. BASE MATL. TY. I NO. 21B	F	2740	TON	\$ 67,130.00
14260	AGGR. MATL. NO. 25 OR 26	F	40	TON	\$ 1,100.00
10610	ASPHALT CONCRETE TY. IM-19.0A	F,P	680	TON	\$ 64,600.00
10628	FLEXIBLE PAVE.PLANING 0"-2"	F	1,265	SY	\$ 6,325.00
10635	ASPHALT CONC.RETE TY. SM-9.5A	F,P	540	TON	\$ 51,840.00
10642	ASPHALT CONCRETE BASE COURSE TY. BM-25.0A	F,P	850	TON	\$ 80,750.00
10986	CONT. REINF. CONC. PAVE. 10"	F	398	SY	\$ 7,164.00
11070	NS SAW-CUT ASPH CONC		910	LF	\$ 3,185.00
12022	RADIAL CURB CG-2		190	LF	\$ 5,320.00
12035	NS RADIAL CURB MODIFIED CG-3		284	LF	\$ 7,526.00
12600	STD. COMB. CURB & GUTTER CG-6		1,130	LF	\$ 34,465.00
12940	ENTRANCE CG-9D		15	SY	\$ 2,295.00
13212	R/W MONUMENT RM-2		31	EA	\$ 4,650.00
13280	GUARDRAIL GR-MGS1		180	LF	\$ 4,140.00
13286	GUARDRAIL TERMINAL GR-MGS2		1	EA	\$ 347.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		1	EA	\$ 1,160.00
24265	NS MAINTENANCE OF TRAFFIC		1	LS	\$ 195,000.00
21020	MEDIAN STRIP MS-1		252	SY	\$ 38,556.00
24430	DEMO. OF PAVEMENT (FLEXIBLE)	F	4500	SY	\$ 49,500.00
27321	ROLLED EROSION CTRL PRODUCT EC-2 TYPE 4		1,000	SY	\$ 4,500.00
27410	CHECK DAM. ROCK TY. I		80	EA	\$ 28,320.00
27451	INLET PROTECTION , TYPE A		1	EA	\$ 198.00
27461	INLET PROTECTION , TYPE B		12	EA	\$ 2,088.00
27504	TEMP. SILT FENCE TYPE B		1035	LF	\$ 10,350.00
	NS CONSTRUCTION ENTRANCE		1	EA	\$ 5,100.00
	NS TEMPORARY SEED AND MULCH		15000	SY	\$ 5,250.00
	NS PERMANENT SEED AND MULCH		12500	SY	\$ 5,000.00
27545	SWM EXCAVATION	F	4120	CY	\$ 63,860.00
27550	STORM WATER MAN.DRAIN.STR.SWM-1		4	LF	\$ 11,640.00
54032	4" WHITE TYPE B CLASS 1		2200	LF	\$ 3,300.00
54032	4" YELLOW TYPE B CLASS 1		2400	LF	\$ 3,600.00
54100	24" YEILD CHEVRONS TYPE B CLASS 1		60	LF	\$ 1,680.00
54100	DIRECTIONAL ARROW		12	EA	\$ 5,952.00
50900	NS SIGNING		1	LS	\$ 45,000.00

Attachment 4.7.2
ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C00111814DB103

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

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Date: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
40012	UTILITY RELOCATION		1	LS	\$ 125,000.00
38950	NS LANDSCAPING		1	LS	\$ 100,000.00
28501	NS WETLAND MITIGATION		1	LS	\$ 55,000.00
00101	NS CONSTRUCTION SURVEY		1	LS	\$ 26,000.00
	UPC 111813 - US-29 NB/FONTAINE RAMP				
	DESIGN		1	LS	\$ 400,000.00
	QA/QC		1	LS	\$ 130,000.00
	NS PUBLIC RELATIONS		1	LS	\$ 9,000.00
00110	CLEARING AND GRUBBING		0.8	ACRE	\$ 13,600.00
00120	REGULAR EXCAVATION	F	4600	CY	\$ 128,800.00
00529	FLOWABLE BACKFILL	F	6	CY	\$ 1,440.00
00588	UNDERDRAIN UD-4		1,034	LF	\$ 17,578.00
00591	CROSSDRAIN CD-2		94	LF	\$ 1,410.00
00595	OUTLET PIPE		118	LF	\$ 2,124.00
00596	ENDWALL EW-12		5	EA	\$ 5,050.00
01156	STORM SEWER PIPE 15"		80	LF	\$ 4,920.00
02112	NS DRAINAGE 4" CLEANOUT		1	EA	\$ 373.00
06150	15" END SECTION ES-1 OR 2		1	EA	\$ 930.00
07506	DROP INLET DI-5		1	EA	\$ 5,230.00
09185	PAVED DITCH PG-2A		71	SY	\$ 12,212.00
10128	AGGR. BASE MATL. TY. I NO. 21B	F	2095	TON	\$ 51,327.50
10611	ASPHALT CONCRETE TY. IM-19.0D	F,P	400	TON	\$ 38,400.00
10628	FLEXIBLE PAVE.PLANING 0"-2"	F	3,650	SY	\$ 12,775.00
10636	ASPHALT CONC.RETE TY. SM-9.5D	F,P	490	TON	\$ 46,550.00
10642	ASPHALT CONCRETE BASE COURSE TY. BM-25.0A	F,P	654	TON	\$ 64,746.00
11070	NS SAW-CUT ASPH CONC		1600	LF	\$ 6,000.00
13280	GUARDRAIL GR-MGS1		140	LF	\$ 3,220.00
13282	GUARDRAIL GR-MGS1, 9' POST		180	LF	\$ 5,220.00
13286	GUARDRAIL TERMINAL GR-MGS2		1	EA	\$ 3,470.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		1	EA	\$ 1,160.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		2	EA	\$ 1,850.00
24265	NS MAINTENANCE OF TRAFFIC		1	LS	\$ 82,300.00
24430	DEMO. OF PAVEMENT (FLEXIBLE)	F	174	SY	\$ 5,220.00
24600	REMOVE EXISTING GUARDRAIL		440	LF	\$ 2,530.00
27321	ROLLED EROSION CTRL PRODUCT EC-2 TYPE 4		520	SY	\$ 2,340.00
27410	CHECK DAM, ROCK TY. I		3	EA	\$ 1,023.00
27451	INLET PROTECTION , TYPE A		2	EA	\$ 396.00
27504	TEMP. SILT FENCE TYPE B		1,100	LF	\$ 11,000.00
27422	TEMP SEDIMENT TRAP		1	EA	\$ 5,280.00
	NS CONSTRUCTION ENTRANCE		1	EA	\$ 5,100.00
	NS TEMPORARY SEED AND MULCH		5000	SY	\$ 1,750.00
	NS PERMANENT SEED AND MULCH		5000	SY	\$ 2,000.00
54032	4" WHITE TYPE B CLASS 1		750	LF	\$ 1,125.00

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ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C00111814DB103

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

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Date: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
54034	6" WHITE TYPE B CLASS 1		2,400	LF	\$ 6,000.00
54037	8" WHITE TYPE B CLASS 1		650	LF	\$ 2,437.50
54040	12" WHITE TYPE B CLASS 1		150	LF	\$ 1,800.00
54100	DIRECTIONAL ARROW		10	EA	\$ 4,960.00
54217	SNOW PLOWABLE RAISED PAVEMENT MARKINGS		10	EA	\$ 455.00
16300	RUMBLE STRIPS		400	LF	\$ 5,400.00
16301	LIQUID ASPHALT COATING		45	SY	\$ 765.00
50900	NS SIGNING (OVERHEAD)		1	LS	\$ 149,100.00
28501	NS WETLAND MITIGATION		1	LS	\$ 13,000.00
00101	NS CONSTRUCTION SURVEY		1	LS	\$ 17,400.00
	UPC 111814 - I-64/EXIT 124 INTERCHANGE				
	DESIGN		1	LS	\$ 1,300,000.00
	QA/QC		1	LS	\$ 1,100,000.00
	NS PUBLIC RELATIONS		1	LS	\$ 54,500.00
00110	CLEARING AND GRUBBING		8	ACRE	\$ 105,000.00
00120	REGULAR EXCAVATION	F	78,850	CY	\$ 1,971,250.00
00523	NS PRECAST BOX CULVERT SINGLE 6'x6'		176	LF	\$ 193,600.00
00574	EW-1 24" CONC. PIPE		1	EA	\$ 6,540.00
00588	UNDERDRAIN UD-4		13600	LF	\$ 231,200.00
00590	CROSSDRAIN CD-1		60	LF	\$ 900.00
00591	CROSSDRAIN CD-2		220	LF	\$ 3,300.00
00595	OUTLET PIPE		120	LF	\$ 2,220.00
00596	ENDWALL EW-12		8	EA	\$ 8,080.00
01150	15" PIPE		377	LF	\$ 20,358.00
01180	18" PIPE		1140	LF	\$ 73,530.00
01240	24" PIPE		1,715	LF	\$ 145,775.00
01300	30" PIPE		150	LF	\$ 16,950.00
01360	36" PIPE		509	LF	\$ 76,350.00
01420	42" PIPE		121	LF	\$ 23,595.00
01480	48" PIPE		60	LF	\$ 14,340.00
06820	DROP INLET DI-3B, L=10'		60	EA	\$ 253,800.00
06837	DROP INLET DI-3C, L=10'		4	EA	\$ 21,360.00
07506	DROP INLET DI-5		8	EA	\$ 41,840.00
07508	DROP INLET DI-7		2	EA	\$ 9,800.00
09046	MH-1 or 2		3	EA	\$ 11,580.00
09055	MH-2		1	EA	\$ 3,860.00
	NS ADJUST EXISTING STORM		1	LS	\$ 28,900.00
10128	AGGR. BASE MATL. TY. I NO. 21B	F	9,150	TON	\$ 224,175.00
10603	ASPH. CONC. IM-19.0A	F,P	1,635	TON	\$ 176,580.00
10609	ASPH. CONC. TY. SM-12.5E	F,P	5080	TON	\$ 558,800.00
10628	FLEXIBLE PAVE. PLANING 0"-2"	F	26,250	SY	\$ 105,000.00
10643	ASPH. CONC. BM-25.0A	F,P	4035	TON	\$ 423,675.00
12020	STD. CURB CG-2		914	LF	\$ 25,592.00

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Date: 6/21/2019

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12022	RADIAL CURB CG-2		1901	LF	\$ 57,030.00
12600	ST'D. COMB CURB & GUTTER CG-6		1673	LF	\$ 51,026.50
12610	RAD. COMB CURB & GUTTER CG-6		3,330.00	LF	\$ 101,565.00
12700	STD. COMB. CURB & GUTTER CG-7		550	LF	\$ 16,775.00
13282	GUARDRAIL GR-MGS1, 9' POST		815	LF	\$ 22,820.00
13283	GUARDRAIL TERMINAL GR-MGS2		3	EA	\$ 10,410.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		1	EA	\$ 1,160.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		2	EA	\$ 1,850.00
13607	IMPACT ATTEN. SER.		2	EA	\$ 62,400.00
21020	MEDIAN STRIP MS-1		60	SY	\$ 9,180.00
24265	NS MAINTENANCE OF TRAFFIC		1	LS	\$ 574,200.00
24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	F	3400	SY	\$ 49,300.00
27545	SWM EXCAVATION	F	7710	CY	\$ 169,620.00
27550	STORM WATER MAN.DRAIN.STR.SWM-1		1	EA	\$ 6,730.00
51911	NS SAW CUT FULL DEPTH		13400	LF	\$ 50,250.00
27321	ROLLED EROSION CTRL PRODUCT EC-2 TYPE 4		1000	SY	\$ 4,500.00
27410	CHECK DAM, ROCK TY. I		80	EA	\$ 28,320.00
27451	INLET PROTECTION , TYPE A		1	EA	\$ 198.00
27461	INLET PROTECTION , TYPE B		12	EA	\$ 2,088.00
27504	TEMP. SILT FENCE TYPE B		1200	LF	\$ 12,000.00
	NS CONSTRUCTION ENTRANCE		4	EA	\$ 20,400.00
	NS TEMPORARY SEED AND MULCH		39500	SY	\$ 13,825.00
	NS PERMANENT SEED AND MULCH		39500	SY	\$ 15,800.00
60403	EW-2 48"	F	1	EA	\$ 6,900.00
13570	RETAINING WALL @ 713+00		3300	SF	\$ 336,600.00
13570	RETAINING WALL @729+00		1000	SF	\$ 99,000.00
	NS BPPS PIER PROTECTION		478	LF	\$ 192,634.00
54032	4" WHITE TYPE B CLASS 1		8870	LF	\$ 13,305.00
54032	4" YELLOW TYPE B CLASS 1		10720	LF	\$ 16,080.00
54100	24" YEILD CHEVRONS TYPE B CLASS 1		600	LF	\$ 16,800.00
54042	24" STOP BAR WHITE TYPE B CLASS 1		180	LF	\$ 5,040.00
54100	DIRECTIONAL ARROW		69	EA	\$ 23,805.00
54217	SNOW PLOWABLE RAISED PAVEMENT MARKINGS		100	EA	\$ 4,550.00
50900	NS SIGNING (OVERHEAD)		1	LS	\$ 475,000.00
52000	NS SIGNAL		1	LS	\$ 875,000.00
59001	NS LIGHTING		1	LS	\$ 425,000.00
	NS ITS SYSTEM MODIFICATIONS		1	LS	\$ 20,000.00
28501	NS WETLAND MITIGATION		1	LS	\$ 80,000.00
40160	16" WATER MAIN		740	LF	\$ 129,500.00
00101	CONSTRUCTION SURVEY		1	LS	\$ 100,000.00
	BID OPTION 1-ELIMINATE LANDSCAPING				\$ (325,000.00)
	BID OPTION 2-REM. M&O EB RT250 STA. 530. TO 537.25				\$ (35,000.00)

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ALBEMARLE INTERSECTION BUNDLING DESIGN-BUILD PROJECT
Contract ID # C00111814DB103

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

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Date: 6/21/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
	BID OPTION 3-4' SHOLDER ON RAMP B				\$ (25,000.00)
	BID OPTION 4-REMOVE LIGHTING FOR UPC 111730 ROUND				\$ (90,000.00)
	BID OPTION 5-ECON OF SCALE FOR AWARD OF ALL 6 UPC				\$ (200,000.00)

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

4.7.3

Proposed Monthly Payment Schedule

Albemarle Intersection Bundling Design-Build Project

Contract ID # C00111814DB103

PROPOSED MONTHLY PAYMENT SCHEDULE

Period Ending (Month)	Projected Monthly Total:	Projected Cumulative Total:
August 2019	\$0	\$0
September 2019	\$564,103	\$564,103
October 2019	\$564,103	\$1,128,205
November 2019	\$564,103	\$1,692,308
December 2019	\$564,103	\$2,256,410
January 2020	\$564,103	\$2,820,513
February 2020	\$564,103	\$3,384,615
March 2020	\$863,588	\$4,248,203
April 2020	\$863,588	\$5,111,791
May 2020	\$1,150,191	\$6,261,982
June 2020	\$1,150,191	\$7,412,174
July 2020	\$1,150,191	\$8,562,365
August 2020	\$972,438	\$9,534,803
September 2020	\$1,176,605	\$10,711,408
October 2020	\$1,176,605	\$11,888,012
November 2020	\$1,242,438	\$13,130,450
December 2020	\$990,706	\$14,121,157
January 2021	\$990,706	\$15,111,863
February 2021	\$990,706	\$16,102,570
March 2021	\$1,098,631	\$17,201,201
April 2021	\$1,098,631	\$18,299,832
May 2021	\$1,098,631	\$19,398,463
June 2021	\$1,098,631	\$20,497,094
July 2021	\$1,098,631	\$21,595,725
August 2021	\$1,098,631	\$22,694,357
September 2021	\$1,098,631	\$23,792,988
October 2021	\$1,098,631	\$24,891,619
November 2021	\$919,004	\$25,810,623
December 2021	\$919,004	\$26,729,627
January 2022	\$919,004	\$27,648,631
February 2022	\$919,004	\$28,567,634
March 2022	\$919,004	\$29,486,638
April 2022	\$919,004	\$30,405,642
May 2022	\$919,004	\$31,324,646
June 2022	\$919,004	\$32,243,650
July 2022	\$919,004	\$33,162,653
August 2022	\$786,540	\$33,949,193
September 2022	\$786,540	\$34,735,733
October 2022	\$604,040	\$35,339,772
November 2022	\$271,603	\$35,611,375
		\$35,611,375

4.7.4

Price Adjustment Information and Forms for Asphalt, Fuel and Steel

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

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

November 27, 2018

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

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

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

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

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

Where: A = Asphalt Adjustment Dollar Amount

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ITEM	DESCRIPTION	UNITS	SPECIFICATION
10062	Asphalt-Stab. Open-Graded Material	Ton	313
10416	Liquid Asphalt	Gal	311 312
10417	Tack Coat	Gal	310
10420	Blotted Seal Coat Ty. B	Sy	ATTD
10422	Blotted Seal Coat Ty. C	Sy	ATTD
10423	Blotted Seal Coat Ty. C-1	Sy	ATTD
10424	Blotted Seal Coat Ty. D	Sy	ATTD
10598	NS Asphalt Concrete	Ton	315
10603	Asphalt Concrete Ty. SM-19.0A	Ton	315
10604	Asphalt Concrete Ty. SM-19.0D	Ton	315
10605	Asphalt Concrete Ty. SM-19.0E (64E)	Ton	315
10606	Asphalt Concrete Ty. SM-9.5	Ton	315
10607	Asphalt Concrete Ty. SM-12.5A	Ton	315
10608	Asphalt Concrete Ty. SM-12.5D	Ton	315
10609	Asphalt Concrete Ty. SM-12.5E (64E-22)	Ton	315
10610	Asphalt Concrete Ty. IM-19.0A	Ton	315
10611	Asphalt Concrete Ty. IM-19.0D	Ton	315
10612	Asphalt Conc. Base Cr. Ty. BM-25.0	Ton	315
10614	Asphalt Concrete Ty. IM-19.0E (64E)	Ton	315
10613	Asphalt Concrete Ty. BM-37.5	Ton	315
10635	Asphalt Concrete Ty. SM-9.5A	Ton	315
10636	Asphalt Concrete Ty. SM-9.5D	Ton	315
10637	Asphalt Concrete Ty. SM-9.5E (64E-22)	Ton	315
10639	Asphalt Concrete Ty. SM-19.0	Ton	315
10642	Asphalt Concrete Ty. BM-25.0A	Ton	315
10643	Asphalt Concrete Ty. BM-25.0D	Ton	315
10650	Stone Matrix Asphalt SMA-9.5(64H-22)	Ton	317
10651	Stone Matrix Asphalt SMA-9.5(64E-22)	Ton	317
10652	Stone Matrix Asphalt SMA-12.5(64H-22)	Ton	317
10653	Stone Matrix Asphalt SMA-12.5(64E-22)	Ton	317
10654	Stone Matrix Asphalt SMA-19.0(64H-22)	Ton	317
10655	Stone Matrix Asphalt SMA-19.0(64E-22)	Ton	317
10701	Liquid Asphalt Coating	Sy	ATTD
12505	Asphalt Concrete Curb Backup Material	Ton	315
13240	Asphalt Concrete Sidewalk	Ton	504
16110	Emul. Asph. Slurry Seal Type A	Sy	ATTD
16120	Emul. Asph. Slurry Seal Type B	Sy	ATTD
16130	Emul. Asph. Slurry Seal Type C	Sy	ATTD
16144	Latex Mod. Emul. Treat. Type B	Ton	ATTD
16145	Latex Mod. Emul. Treat. Type C	Ton	ATTD
16146	Latex Mod. Emul. Treat. Ruffilling	Ton	ATTD

16161	Modified Single Seal	Sy	ATTD
16162	Modified Double Seal	Sy	ATTD
16249	Nontracking Tack Coat	Gal.	ATTD
16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD
16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal.	ATTD.
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD
16256	Liquid Asphalt Matl. RC-800	Gal	ATTD
16257	Ns Liquid Asphalt Matl.	Gal	ATTD
16260	Liquid Asphalt Matl. CRS-2L	Gal	ATTD
16325	NS Asphalt Concrete	Ton	N/A
16326	Asphalt Concrete Ty. SM-4.75A	Ton	315
16327	Asphalt Concrete Ty. SM-4.75D	Ton	315
16328	Asphalt Concrete Ty. SM-4.75E	Ton	315
16330	Asphalt Concrete Ty. SM-9.0A	Ton	315
16335	Asphalt Concrete Ty. SM-9.5A	Ton	315
16337	Asph. Conc. Ty. SM-9.5ASL (Spot Level)	Ton	315
16340	Asphalt Concrete Ty. SM-9.5D	Ton	315
16342	Asph. Conc. Ty. SM-9.5DSL (Spot Level)	Ton	315
16345	Asphalt Concrete Ty. SM-9.5E (64E-22)	Ton	315
16350	Asphalt Concrete Ty. SM-12.5A	Ton	315
16352	Asph. Con. Ty. SM-12.5ASL (Spot Level)	Ton	315
16355	Asphalt Concrete Ty. SM-12.5D	Ton	315
16357	Asph. Con. Ty. SM-12.5DSL (Spot Level)	Ton	315
16360	Asphalt Concrete Ty. SM-12.5E (64E-22)	Ton	315
16364	Asphalt Concrete Ty. SM-19.0E (64E)		
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
16371	Asphalt Concrete Ty. IM-19.0E (64E)		
16373	Asphalt Concrete Ty. IM-19.0A (T)	Ton	315
16374	Asphalt Concrete Ty. IM-19.0D (T)	Ton	315
16377	Asphalt Concrete Ty. BM-37.5	Ton	315
16379	Asphalt Concrete Ty. IM-19.0T	Ton	315
16390	Asphalt Concrete Ty. BM-25.0A	Ton	315
16392	Asphalt Concrete Ty. BM-25.0D	Ton	315
16395	Asphalt Concrete Ty. BM-25.0A (T)	Ton	315
16397	Asphalt Concrete Ty. BM-25.0D (T)	Ton	315
16400	Stone Matrix Asphalt SMA-9.5(64H-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(64E-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(64H-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(64E-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(64H-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(64E-22)	Ton	ATTD
16490	Hot Mix Asphalt Treatment	Ton	ATTD
16500	Surf.Preparation & Restoration Type I	Ton	ATTD
16502	Surf.Preparation & Restoration Type II	Ton	ATTD

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

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

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

June 26, 2018

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

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

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in the Schedule of Values 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 Values 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: 6/19/2019

Signature: 

Design-builder: Branch Civil, Inc.

Vendor No.: B319

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

June 6, 2018

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

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

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

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

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

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

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

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

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

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

Price increase/decrease will be computed as follows:

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

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

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

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

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

Sample Calculation of a Price Adjustment (increase)

Project bid on April 28, 2004.

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

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

*free on board

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

Sample Calculation of a Price Adjustment (decrease)

Project bid on April 28, 2004.

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

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

*free on board

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

MASTER LISTING

STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

June 8, 2018

BLS Series I. D.


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

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

I elect to use this provision

I elect not to use this provision

Date: 6/19/2019

Signature: 

Design-Builder: Branch Civil, Inc.

Vendor No.: B319

4.7.5

Proposal Guaranty (C-24)

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Branch Civil, Inc. As principal, and Hartford Fire Insurance 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 21st Day of June, 2019

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

PROJECT NUMBER: C00111814DB103, 0250-002-956, 0029-002-959, 0029-002-955, 0250-002-954, 0020-002-953, 9999-002-941
Albemarle Intersection Bundling Design Build

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.

Branch Civil, Inc.

Hartford Fire Insurance Company

(Principal*)

(Surety Company)

By: [Signature]

By: [Signature]

(Officer, Partner or Owner) (Seal)

Theresa S. Stump (Attorney-in-Fact**) (Seal)

(Principal*)

(Address)

By: _____

By: _____

(Officer, Partner or Owner) (Seal)

(Surety Company)

(Principal*)

(Attorney-in-Fact**) (Seal)

By: _____

By: _____

(Officer, Partner or Owner) (Seal)

(Address)

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

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

Electronic Bid Bond ID# _____

Company/Bidder Name _____

Signature and Title _____

**Attach copy of Power of Attorney



POWER OF ATTORNEY

Direct Inquiries/Claims to:

THE HARTFORD
Bond T-12
One Hartford Plaza
Hartford, Connecticut 06155
Bond.Claims@thehartford.com

call: 888-266-3488 or fax: 860-757-5835)

KNOW ALL PERSONS BY THESE PRESENTS THAT:

Agency Code: SurePath

- Hartford Fire Insurance Company, a corporation duly organized under the laws of the State of Connecticut
- Hartford Casualty Insurance Company, a corporation duly organized under the laws of the State of Indiana
- Hartford Accident and Indemnity Company, a corporation duly organized under the laws of the State of Connecticut
- Hartford Underwriters Insurance Company, a corporation duly organized under the laws of the State of Connecticut
- Twin City Fire Insurance Company, a corporation duly organized under the laws of the State of Indiana
- Hartford Insurance Company of Illinois, a corporation duly organized under the laws of the State of Illinois
- Hartford Insurance Company of the Midwest, a corporation duly organized under the laws of the State of Indiana
- Hartford Insurance Company of the Southeast, a corporation duly organized under the laws of the State of Florida

having their home office in Hartford, Connecticut (hereinafter collectively referred to as the "Companies") do hereby make, constitute and appoint

Theresa S. Stump of Roanoke, VA

their true and lawful Attorney-in-Fact, to sign its name as surety(ies) only as delineated above by , and to execute, seal and acknowledge the following bond, undertaking, contract or written instrument:

Bond No. Bid Bond on behalf of Branch Civil, Inc. naming
Commonwealth of Virginia, Department of Transportation as Obligee in the amount of See Bond Form
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, and as authorized by a Resolution of the Board of Directors of the Companies on May 6, 2015 the Companies have caused these presents to be signed by its Senior Vice President and its corporate seals to be hereto affixed, duly attested by its Assistant Secretary. Further, pursuant to Resolution of the Board of Directors of the Companies, the Companies hereby unambiguously affirm that they are and will be bound by any mechanically applied signatures applied to this Power of Attorney.



John Gray, Assistant Secretary

M. Ross Fisher, Senior Vice President

STATE OF CONNECTICUT }
COUNTY OF HARTFORD } ss. Hartford

On this 11th day of January, 2016, before me personally came M. Ross Fisher, to me known, who being by me duly sworn, did depose and say: that he resides in the County of Hartford, State of Connecticut; that he is the Senior Vice President of the Companies, the corporations described in and which executed the above instrument; that he knows the seals of the said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed by authority of the Boards of Directors of said corporations and that he signed his name thereto by like authority.



Kathleen T. Maynard
Notary Public
My Commission Expires July 31, 2021

CERTIFICATE

I, the undersigned, Assistant Vice President 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 is still in full force effective as of June 21, 2019

Signed and sealed at the City of Hartford.



Kevin Heckman, Assistant Vice President

4.7.6

Sworn Statement Forms

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: ALBEMARLE INTERSECTION BUNDLING

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 Henrico, Virginia, this 19th day of June, 20 19
County (City), STATE

Branch Civil, Inc. By: [Signature] CHIEF ESTIMATOR
(Name of Firm) (Signature) Title (print)

STATE of Virginia COUNTY (CITY) of Henrico

To-wit:

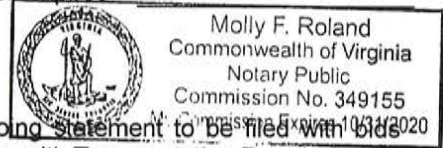
I Molly F. Roland, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Michael A. Colbert

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 19th day of June, 20 19

[Signature] My Commission expires 10/31/2020
Notary Public

**OR
UNSWORN DECLARATION**



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

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

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

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT

PROJECT: Albemarle Intersection Bundling

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>Richmond, VA</u>
<u>HRUHCA</u>	<u>Chesapeake, VA</u>
<u>Carolina AGC</u>	<u>Raleigh, NC</u>

2. I (we) have X, 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 X, 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.:

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 Henrico, Virginia, this 19th day of June, 20 19
County (City), STATE

Branch Civil, Inc.
(Name of Firm)

By: [Signature] CHIEF ESTIMATOR
(Signature) Title (print)

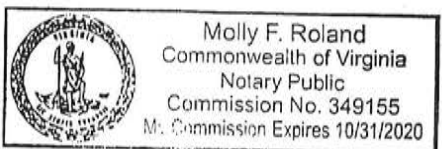
STATE of Virginia COUNTY (CITY) of Henrico

To-wit: I Molly F. Roland, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Michael A. Colbert

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 19th day of June, 20 19
[Signature] My Commission expires 10/31/2020

Notary Public





VDOT

BRANCH | **WRA**
CIVIL