



PRICE PROPOSAL

I-81 Bridge Replacment at Exit 114 *A Design-Build Project*

State Project No.: 0081-154-733, R201, C501, B601, B616

Federal Project No.: NHPP-081-2(992)

Contract ID Number: C00093074DB96

Submitted by:

Haymes Brothers, Inc.

In association with:

A. Morton Thomas and Associates, Inc.

APRIL 4, 2018



ATTACHMENT 3.6**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**


RFP NO. C00093074DB96
 PROJECT NO.: 0081-154-733

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 – October 23, 2017
(Date)
2. Cover letter of RFP Addendum No. 1 – February 6, 2018
(Date)
3. Cover letter of RFP Addendum No. 2 – March 30, 2018
(Date)



 SIGNATURE

4/4/18

 DATE

HENRY A. HAYMES

 PRINTED NAME

V.P. / SECY.

 TITLE

Design-Build Price Proposal Checklist

(Attachment 4.0.1.2)

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: I-81 Bridge Replacement at Exit 114
Contract ID Number: C00093074DB96**

➤ **Contents of Price Proposal:**

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (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 Fuel and Asphalt, 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 4.8.6(a) and 4.8.6(b))**
- CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**

HAYMES BROTHERS, INC. H 018

Cost Breakdown Summary

(Attachment 4.8.1)

ATTACHMENT 4.8.1

PRICE PROPOSAL FORM

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

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ <u>1,500,000⁰⁰</u>
Construction Services (exclude QA/QC), LS	\$ <u>17,683,587⁰⁸</u>
Quality Assurance (QA) (Construction), LS	\$ <u>1,300,000⁰⁰</u>
Quality Control (QC) (Construction), LS	\$ <u>850,000⁰⁰</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): TWENTY ONE MILLION THREE HUNDRED THIRTY THREE THOUSAND FIVE HUNDRED EIGHTY SEVEN +⁰⁸/100 (\$ 21,333,587⁰⁸)

Signature:  Date: 4/4/18
Design-Builder: HAYMES BROTHERS, INC.
Vendor No.: H 018

Schedule of Items

Attachment 4.8.2
State Project 0081-154-733
SCHEDULE OF ITEMS (ver. 4-15-2014)

Haymes Brothers, Inc.

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

Date: 4-Apr-18

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00100	MOBILIZATION		1	LS	\$ 800,000.00
00101	CONSTRUCTION SURVEYING (CONSTR.)		1	LS	\$ 250,000.00
NS	DESIGN SERVICES		1	EA	\$ 1,500,000.00
00110	CLEARING AND GRUBBING		1	LS	\$ 185,000.00
00120	REGULAR EXCAVATION	F	15000	CY	\$ 180,000.00
00140	BORROW EXCAVATION	F	35000	CY	\$ 175,000.00
00270	SELECT MATL. TY. I MIN. CBR-30	F	7100	TON	\$ 355,000.00
00505	BEDDING MATL.AGGR.NO. 25 OR 26	F	2000	TON	\$ 52,000.00
00525	CONCRETE CLASS A3 MISC.	F	32	CY	\$ 14,400.00
00529	FLOWABLE BACKFILL		10	CY	\$ 2,250.00
00580	UNDERDRAIN UD-4 ***		8000	LF	\$ 96,000.00
00591	COMBINATION UNDERDRAIN, CD-2		200	LF	\$ 4,000.00
00595	OUTLET PIPE		400	LF	\$ 6,800.00
00596	ENDWALL EW-12		10	EA	\$ 9,250.00
00700	POST INSTALLATION INSPECTION		3434	LF	\$ 22,321.00
01241	JACKED & BORED 24" PIPE		300	LF	\$ 163,500.00
01242	24" CONC. PIPE		760	LF	\$ 121,600.00
01247	INVERSION PIPE LINER 24"		702	LF	\$ 382,590.00
01182	18" CONC. PIPE		2380	LF	\$ 357,000.00
01307	INVERSION PIPE LINER 30"		72	LF	\$ 39,240.00
06180	18" END SECTION ES-1 OR 2		3	EA	\$ 20,400.00
06240	24" END SECTION ES-1 OR 2		13	EA	\$ 72,800.00
06748	DI-2B, L=6'		18	EA	\$ 100,800.00
06749	DI-2B, L=8'		1	EA	\$ 10,750.00
06750	DI-2B, L=10'		1	EA	\$ 10,750.00
07506	DROP INLET DI-5		3	EA	\$ 21,600.00
07508	DROP INLET DI-7		2	EA	\$ 16,400.00
09056	MANHOLE MH-1 OR 2		81	LF	\$ 105,300.00
09057	FRAME & COVER MH-1		7	EA	\$ 4,025.00
09148	EROS.CONTR.STONE CL. A1 EC-1	F	200	TON	\$ 10,000.00
09185	PAVED DITCH PG-2A		1200	SY	\$ 139,200.00
09250	SLOPE DRAIN		10	EA	\$ 2,500.00
10065	AGGR. MATL. NO. 1	F	600	TON	\$ 39,000.00
10128	AGGR. BASE MATL. TY. I NO. 21B	F	7500	TON	\$ 375,000.00
10611	ASPHALT CONCRETE TY. IM-19.0D	F,P	6000	TON	\$ 900,000.00
10628	FLEXIBLE PAVE.PLANING 0"-2"	F	6200	SY	\$ 27,900.00
10629	FLEXIBLE PAVE.PLANING ABOVE 2"-4"	F	31850	SY	\$ 318,500.00
10635	ASPHALT CONC.RETE TY. SM-9.5A	F,P	130	TON	\$ 24,700.00
10636	ASPHALT CONC.RETE TY. SM-9.5D	F,P	530	TON	\$ 71,020.00
10642	ASPHALT CONCRETE BASE COURSE TY. BM-25.0A	F,P	380	TON	\$ 47,500.00
10643	ASPHALT CONCRETE BASE COURSE TY. BM-25.0D	F,P	10600	TON	\$ 1,314,400.00
NS	STONE MATRIX ASP.SMA-12.5 (64E-22)	F,P	4500	TON	\$ 1,012,500.00
10700	RUMBLE STRIP, ASPHALT		16000	LF	\$ 22,400.00
10701	LIQ.ASPH.COATING (RUMBLE STRIP)	P	3600	SY	\$ 6,480.00
NS	ANCHOR SLAB (MODIFIED)		900	SY	\$ 279,000.00
11034	PREF.ELAST.JT.SEALE 3 1/2"		184.32	LF	\$ 18,432.00

Attachment 4.8.2
State Project 0081-154-733
SCHEDULE OF ITEMS (ver. 4-15-2014)

Haymes Brothers, Inc.

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

Date: 4-Apr-18

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
11070	NS SAW-CUT ASPH CONC		6000	LF	\$ 24,000.00
12030	STANDARD CURB, CG-3		1300	LF	\$ 39,000.00
12322	ASPHALT CONCRETE CURB TY. MC-3B		755	LF	\$ 22,650.00
13280	GUARDRAIL GR-MGS1		3500	LF	\$ 77,000.00
13282	GUARDRAIL GR-MGS1, 9' POST		3500	LF	\$ 92,750.00
13286	GUARDRAIL TERMINAL, GR-MGS2		5	EA	\$ 17,250.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		7	EA	\$ 7,350.00
13288	GUARDRAIL END ANCHORAGE GR-MGS4		4	EA	\$ 3,400.00
13392	FIXED OBJECT ATTACHMENT, GR-FOA-2, TYPE I		5	EA	\$ 12,750.00
13393	FIXED OBJECT ATTACHMENT, GR-FOA-2, TYPE II		5	EA	\$ 2,625.00
NS	MODIFIED MB-8A (42" HEIGHT, SINGLE FACE)		1300	LF	\$ 221,000.00
13530	RETAINING WALL RW-3		1400	CY	\$ 595,000.00
13565	RETAINING WALL EXCAVATION	F	578	CY	\$ 14,444.44
13611	IMPACT ATTENUATOR SER. TYPE I		6	EA	\$ 150,000.00
13612	IMPACT ATTENUATOR SER. TYPE II		3	EA	\$ 60,000.00
24100	ALLAYING DUST		100	HR	\$ 5,000.00
24152	TYPE III 3 BARRICADE 8'		20	EA	\$ 10,000.00
24160	TEMPORARY (CONSTRUCTION) SIGN		1200	SF	\$ 21,600.00
24260	CR. RUN AGGR. NO. 25 OR 26	F	500	TON	\$ 17,000.00
24272	TRUCK MOUNTED ATTENUATOR		1000	HR	\$ 40,000.00
24278	GROUP 2 CHANNELIZING DEVICES		73000	DAY	\$ 36,500.00
24279	PORT.CHANGEABLE MESS. SIGN		4800	HR	\$ 48,000.00
24281	ELECTRONIC ARROW BOARD		2000	HR	\$ 10,000.00
24282	FLAGGER SERVICE		800	HR	\$ 52,000.00
24283	POLICE PATROL		1000	TEC	\$ 60,000.00
24288	WARNING LIGHT TY. B		17500	DAY	\$ 52,500.00
24290	TRAFFIC BARRIER SER. CONC.MB-7D PC		7000	LF	\$ 252,000.00
24430	DEMO. OF PAVEMENT (FLEXIBLE)	F	12000	SY	\$ 42,000.00
24600	REMOVE EXISTING GUARDRAIL		10000	LF	\$ 25,000.00
24831	NS ADJUST EXIST. DROP INLET		1	EA	\$ 1,000.00
24840	NS RECONSTRUCT EXIST.		1	EA	\$ 2,500.00
25505	FIELD OFFICE TY.I		36	MO	\$ 122,400.00
25565	PROGRESS SCHEDULE BASELINE		1	LS	\$ 8,000.00
25567	PROGRESS SCHEDULE UPDATES		36	EA	\$ 43,200.00
25591	DESIGN BUILD PRELIMINARY ENG		1	EA	\$ 30,000.00
NS	DESIGN BUILD QA		1	EA	\$ 1,300,000.00
NS	DESIGN BUILD QC		1	EA	\$ 850,000.00
26117	DRY RIPRAP CL. AI	F	200	TON	\$ 15,000.00
26127	DRY RIPRAP CL. I 26"	F	100	TON	\$ 7,500.00
27101	TEMPORARY SEED		750	LB	\$ 10,500.00
27102	REGULAR SEED		750	LB	\$ 10,500.00
27103	OVERSEEDING		375	LB	\$ 5,250.00
27230	FERTILIZER (NITROGEN - N)		700	LB	\$ 700.00
27231	FERTILIZER (PHOSPHOROUS - P)		1400	LB	\$ 1,400.00
27232	FERTILIZER (POTASSIUM - K)		700	LB	\$ 700.00
27250	LIME		16	TON	\$ 5,120.00

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Date: 4-Apr-18

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
27318	ROLLED EROSION CTRL PRODUCT EC-2 TYPE 1		2000	SY	\$ 6,000.00
27410	CHECK DAM, ROCK TY. I		20	EA	\$ 5,000.00
27415	CHECK DAM(ROCK) TY. II		20	EA	\$ 8,000.00
27430	Siltation Control Excavation	F	100	CY	\$ 1,500.00
27451	INLET PROTECTION, TYPE A		20	EA	\$ 10,000.00
27461	INLET PROTECTION, TYPE B		20	EA	\$ 10,000.00
27504	TEMP. SILT FENCE TYPE B		1000	LF	\$ 8,000.00
27505	TEMP. SILT FENCE TYPE A		5000	LF	\$ 25,000.00
27580	TEMP. SEDIMENT BASIN EXCAVATION	F	100	CY	\$ 2,000.00
46009	NS UTILITIES		1	LS	\$ 25,000.00
50030	BARRIER DELINEATOR		100	EA	\$ 1,000.00
50108	SIGN PANEL		576	SF	\$ 20,168.16
50434	SIGN POST STP-1, 2-1/2", 10 GAUGE		400	LF	\$ 8,000.00
50490	CONCRETE FOUNDATION, STP-1 (along Route 8)		12	EA	\$ 6,000.00
50500	CONC. FOUND. SSP-VA (along I-81, single post signs)		24	EA	\$ 48,000.00
50558	CONC FOUND. SSP-VIA (along I-81, multiple post signs)		14	EA	\$ 70,000.00
50380	NS SIGN STRUCTURE, OVERHEAD (Modify existing upright)		1	EA	\$ 50,000.00
50575	CONC.FOUND.O/H SIGN STRUCTURE		10	CY	\$ 14,000.00
54032	TYPE B CLASS I PVMT LINE MRKG 4"		11500	LF	\$ 28,750.00
54037	TYPE B CLASS I PVMT LINE MRKG 8"		860	LF	\$ 4,300.00
54042	TYPE B CLASS I PAVE. LINE MARKING 24"		1100	LF	\$ 31,350.00
54076	TYPE B CLASS VI PVMT LINE MRKG 6"		19600	LF	\$ 88,200.00
54077	TYPE B CLASS VI PVMT LINE MRKG 8"		1400	LF	\$ 10,920.00
54080	TYPE B CLASS VI CONTRAST PVMT MRKG 6"		950	LF	\$ 6,650.00
54105	ERADICATION OF EXIST. LINEAR PVMT MARKING		7500	LF	\$ 13,500.00
54106	ERADICATION OF EXIST. NONLINEAR PVMT MRKG		150	SF	\$ 1,050.00
54217	SNOW PLOW-RAISED PAVE.MARK.ASPH.CONC		200	EA	\$ 12,000.00
54240	TEMP. PAVE. MARKER 1 WAY		80	EA	\$ 1,200.00
54428	TEMP. PVMT MRKG, TY. A, 4"		10000	LF	\$ 35,000.00
NS	TEMP. SIGNALS (TO REMAIN)		1	LS	\$ 500,000.00
NS	RELOCATE EXISTING CAMERA & POLE (with pole mounted cabinet)		1	LS	\$ 10,000.00
60120	STRUCTURE EXCAVATION		2000	CY	\$ 76,000.00
60210	TEMPORARY SHEET PILING		3000	SF	\$ 294,000.00
60403	CONCRETE CLASS A3	F	799.7	CY	\$ 659,752.50
60409	CONC. CLASS A4 MOD. LOW SHRINKAGE	F	428.9	CY	\$ 600,460.00
60450	CONC. CL. A4 BRIDGE APPR. SLAB		159	CY	\$ 135,150.00
60452	REINF. STEEL BRIDGE APPR. SLAB		28620	LB	\$ 100,170.00
60490	BRIDGE DECK GROOVING		1742.39	SY	\$ 13,939.12
61700	REINF. STEEL		50000	LB	\$ 60,000.00
61711	CORROSION RESISTANT REINF.STEEL CL. I		50000	LB	\$ 115,000.00
61713	CORROSION RESISTANT REINF.STEEL CL. III		107221	LB	\$ 402,078.75
62024	CONCRETE PARAPET 42"		582.32	LF	\$ 218,370.00
64015	SELECT BACKFILL (ABUTMENT ZONE)		7800	TON	\$ 265,200.00
64032	GEOCOMPOSITE WALL DRAIN		600	SY	\$ 8,400.00
64036	PIPE UNDERDRAIN 6"		380	LF	\$ 3,800.00

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...).

Proposed Monthly Payment Schedule

Section 4.8.3 Proposed Monthly Payment Schedule Haymes Brothers, Inc.
 I-81 Bridge Replacement at Exit 114 Contract ID: C00093074DB96
 VDOT Project No.: 0081-154-733, R201, C501, B601, B616 Fed. Project No.: NHPP-081-2(992)

Monthly Estimate Date	Design	Mobilization	QA	QC	Traffic Control	Roadway	Bridges	Misc.	Monthly Total	Cumulative Total
5/16/2018	\$ 30,000.00								\$ 30,000.00	\$ 30,000.00
6/11/2018	\$ 120,000.00							\$ 50,000.00	\$ 170,000.00	\$ 200,000.00
7/11/2018	\$ 110,000.00	\$ 400,000.00						\$ 100,000.00	\$ 610,000.00	\$ 810,000.00
8/11/2018	\$ 150,000.00	\$ 400,000.00			\$ 40,000.00			\$ 100,000.00	\$ 690,000.00	\$ 1,500,000.00
9/11/2018	\$ 150,000.00		\$ 24,140.00		\$ 40,000.00			\$ 100,000.00	\$ 314,140.00	\$ 1,814,140.00
10/11/2018	\$ 158,000.00		\$ 29,442.00		\$ 100,000.00		\$ 200,000.00	\$ 100,000.00	\$ 587,442.00	\$ 2,401,582.00
11/11/2018	\$ 147,700.00		\$ 51,406.00	\$ 20,000.00	\$ 100,000.00		\$ 225,000.00	\$ 100,000.00	\$ 644,106.00	\$ 3,045,688.00
12/11/2018	\$ 140,000.00		\$ 46,809.00	\$ 24,000.00	\$ 10,000.00	\$ 20,000.00	\$ 225,000.00	\$ 100,000.00	\$ 565,809.00	\$ 3,611,497.00
1/11/2019	\$ 125,000.00		\$ 47,851.00	\$ 26,000.00	\$ 10,000.00	\$ 20,000.00	\$ 225,000.00	\$ 100,000.00	\$ 553,851.00	\$ 4,165,348.00
2/11/2019	\$ 80,000.00		\$ 52,442.00	\$ 26,000.00	\$ 10,000.00	\$ 10,000.00	\$ 225,000.00	\$ 100,000.00	\$ 503,442.00	\$ 4,668,790.00
3/11/2019	\$ 100,000.00		\$ 48,200.00	\$ 26,000.00	\$ 10,000.00	\$ 50,000.00	\$ 200,000.00	\$ 100,000.00	\$ 534,200.00	\$ 5,202,990.00
4/11/2019	\$ 10,000.00		\$ 45,691.00	\$ 26,000.00	\$ 10,000.00	\$ 350,000.00	\$ 325,000.00	\$ 100,000.00	\$ 866,691.00	\$ 6,069,681.00
5/11/2019	\$ 10,000.00		\$ 47,570.00	\$ 26,000.00	\$ 10,000.00	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00	\$ 893,570.00	\$ 6,963,251.00
6/11/2019	\$ 10,000.00		\$ 47,570.00	\$ 26,000.00	\$ 10,000.00	\$ 200,000.00	\$ 250,000.00	\$ 100,000.00	\$ 643,570.00	\$ 7,606,821.00
7/11/2019	\$ 10,000.00		\$ 44,506.00	\$ 26,000.00	\$ 10,000.00	\$ 200,000.00	\$ 250,000.00	\$ 100,000.00	\$ 640,506.00	\$ 8,247,327.00
8/11/2019	\$ 10,000.00		\$ 47,570.00	\$ 26,000.00	\$ 50,000.00	\$ 600,000.00	\$ 250,000.00	\$ 100,000.00	\$ 1,083,570.00	\$ 9,330,897.00
9/11/2019	\$ 10,000.00		\$ 38,590.00	\$ 26,000.00	\$ 50,000.00	\$ 700,000.00	\$ 250,000.00	\$ 100,000.00	\$ 1,174,590.00	\$ 10,505,487.00
10/11/2019	\$ 10,000.00		\$ 39,496.00	\$ 26,000.00	\$ 10,000.00	\$ 350,000.00	\$ 250,000.00	\$ 100,000.00	\$ 785,496.00	\$ 11,290,983.00
11/11/2019	\$ 10,000.00		\$ 35,318.00	\$ 26,000.00	\$ 10,000.00	\$ 150,000.00	\$ 250,000.00	\$ 100,000.00	\$ 581,318.00	\$ 11,872,301.00
12/11/2019	\$ 7,000.00		\$ 31,380.00	\$ 26,000.00	\$ 10,000.00	\$ 25,000.00	\$ 200,000.00	\$ 100,000.00	\$ 399,380.00	\$ 12,271,681.00
1/11/2020	\$ 7,000.00		\$ 34,003.00	\$ 26,000.00	\$ 10,000.00	\$ 10,000.00	\$ 250,000.00	\$ 100,000.00	\$ 437,003.00	\$ 12,708,684.00
2/11/2020	\$ 7,000.00		\$ 34,988.00	\$ 26,000.00	\$ 10,000.00	\$ 10,000.00	\$ 250,000.00	\$ 100,000.00	\$ 437,988.00	\$ 13,146,672.00
3/11/2020	\$ 7,000.00		\$ 33,020.00	\$ 26,000.00	\$ 10,000.00	\$ 10,000.00	\$ 250,000.00	\$ 100,000.00	\$ 436,020.00	\$ 13,582,692.00
4/11/2020	\$ 7,000.00		\$ 35,135.00	\$ 26,000.00	\$ 10,000.00	\$ 25,000.00	\$ 250,000.00	\$ 100,000.00	\$ 453,135.00	\$ 14,035,827.00
5/11/2020	\$ 7,000.00		\$ 48,243.00	\$ 26,000.00	\$ 10,000.00	\$ 250,000.00	\$ 200,000.00	\$ 100,000.00	\$ 641,243.00	\$ 14,677,070.00
6/11/2020	\$ 7,000.00		\$ 45,086.00	\$ 26,000.00	\$ 20,000.00	\$ 400,000.00	\$ 250,000.00	\$ 100,000.00	\$ 848,086.00	\$ 15,525,156.00
7/11/2020	\$ 7,000.00		\$ 48,243.00	\$ 26,000.00	\$ 20,000.00	\$ 400,000.00	\$ 200,000.00	\$ 100,000.00	\$ 801,243.00	\$ 16,326,399.00
8/11/2020	\$ 7,000.00		\$ 47,096.00	\$ 26,000.00	\$ 20,000.00	\$ 300,000.00	\$ 250,000.00	\$ 100,000.00	\$ 750,096.00	\$ 17,076,495.00
9/11/2020	\$ 5,000.00		\$ 37,668.00	\$ 26,000.00	\$ 20,000.00	\$ 400,000.00	\$ 300,000.00	\$ 100,000.00	\$ 888,668.00	\$ 17,965,163.00
10/11/2020	\$ 5,000.00		\$ 37,668.00	\$ 26,000.00	\$ 20,000.00	\$ 400,000.00	\$ 200,000.00	\$ 100,000.00	\$ 788,668.00	\$ 18,753,831.00
11/11/2020	\$ 5,000.00		\$ 37,321.00	\$ 26,000.00	\$ 20,000.00	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00	\$ 588,321.00	\$ 19,342,152.00
12/11/2020	\$ 5,000.00		\$ 36,458.00	\$ 26,000.00	\$ 20,000.00	\$ 100,000.00	\$ 50,000.00	\$ 100,000.00	\$ 337,458.00	\$ 19,679,610.00
1/11/2021	\$ 5,000.00		\$ 22,265.00	\$ 26,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 248,265.00	\$ 19,927,875.00
2/11/2021	\$ 5,000.00		\$ 21,395.00	\$ 26,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 247,395.00	\$ 20,175,270.00
3/11/2021	\$ 5,000.00		\$ 21,395.00	\$ 26,000.00	\$ 20,000.00	\$ 50,000.00	\$ 20,000.00	\$ 75,000.00	\$ 217,395.00	\$ 20,392,665.00
4/11/2021	\$ 2,000.00		\$ 23,423.00	\$ 26,000.00	\$ 20,000.00	\$ 200,000.00	\$ 8,587.08	\$ 75,000.00	\$ 355,010.08	\$ 20,747,675.08
5/11/2021	\$ 2,000.00		\$ 23,423.00	\$ 26,000.00	\$ 20,000.00	\$ 200,000.00		\$ 50,000.00	\$ 321,423.00	\$ 21,069,098.08
6/11/2021	\$ 2,000.00		\$ 21,396.00	\$ 26,000.00	\$ 20,000.00	\$ 100,000.00		\$ 50,000.00	\$ 219,396.00	\$ 21,288,494.08
7/11/2021	\$ 5,300.00		\$ 13,793.00	\$ 26,000.00				\$ 50,000.00	\$ 45,093.00	\$ 21,333,587.08
	\$ 1,500,000.00		\$ 1,300,000.00	\$ 850,000.00	\$ 800,000.00	\$ 6,330,000.00	\$ 6,303,587.08	\$ 3,450,000.00	\$ 21,333,587.08	

Price Adjustment Information and Forms for Fuel & Asphalt

(Attachment 6.3)

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

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

October 23, 2017

All asphalt material listed in the attached "Master Listing of 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 Scheduling and Contracts 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 item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22 or PG 70-28, will be based on the indexes for PG 64-22. 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 must 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**
(10-27-09)

ITEM	DESCRIPTION	UNITS	SPECIFICATION
10062	Asphalt-Stab. Open-Graded Material	Ton	313
10416	Liquid Asphalt	Gal	311 312
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
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 (76-22)	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
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 (76-22)	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(70-22)	Ton	317
10651	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	317
10652	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	317
10653	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	317
10654	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	317
10655	Stone Matrix Asphalt SMA-19.0(76-22)	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
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 (76-22)	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 (76-22)	Ton	315
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
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(70-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(76-22)	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 30, 2011
(Revised) November 5, 2012

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 will 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. A master listing of standard items eligible for fuel adjustment is provided by the Department on its website at the following link <http://www.virginiadot.org/business/resources/masteroptionalfuelitems.pdf>. 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.

The amount of adjustment will be computed from the change in the indexes and the on-site fuel use as shown in the Department's master listing of eligible items.

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in within 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 will automatically 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: 4/4/18

Signature: [Handwritten Signature]

Design-builder: Haymes Brothers, Inc.

Vendor No.: H 018

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL FACTOR gal/unit	ITEM UNIT	FUEL FACTOR liters/unit	ITEM UNIT
00120	REGULAR EXCAVATION	0.290	CY	1.436	CU M
00128	EXTRA EXCAVATION	0.290	CY	1.436	CU M
00140	BORROW EXCAVATION	0.290	CY	1.436	CU M
00150	EMBANKMENT	0.290	CY	1.436	CU M
00211	MINOR STRUCTURE EXCAV. PIPE CULVERT	0.290	CY	1.436	CU M
00212	MINOR STRUCTURE EXCAV. BOX CULVERT	0.290	CY	1.436	CU M
00270	SELECT MATL. TY. I MIN. CBR-30	0.600	TON	2.500	MTON
00272	SELECT MATL. TY. I MIN. CBR-30	1.200	CY	5.940	CU M
00280	SELECT MATL. TY. II MIN. CBR-20	1.200	CY	5.940	CU M
00282	SELECT MATL. TY. II MIN. CBR-20	0.600	TON	2.500	MTON
00505	BEDDING MATL. AGGR. NO. 25 OR 26	0.400	TON	1.665	MTON
00522	CONCRETE CLASS A4 BOX CULVERT	1.892	CY	9.366	CU M
00525	CONCRETE CLASS A3 MISC.	1.892	CY	9.366	CU M
09150	EROSION CONTROL STONE CLASS I, EC-1	0.600	TON	2.500	MTON
10011	HYDRAULIC CEMENT	0.200	TON	0.833	MTON
10013	CEMENT STAB. AGGR. MATL. NO. 21A	0.600	TON	2.500	MTON
10017	CEM. STAB. AGGR. BASE MATL. TY. I NO. 21A	0.600	TON	2.500	MTON
10028	MANIPULATION 8"	0.120	SY	0.543	SQ M

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL FACTOR gal/unit	ITEM UNIT	FUEL FACTOR liters/unit	ITEM UNIT
10061	STAB. OPEN-GRADED MATERIAL	3.000	TON	12.491	MTON
10065	AGGR. MATL. NO. 1	0.600	TON	2.500	MTON
10113	AGGR. BASE MATL. TY. I NO. 21A OR 21B	0.600	TON	2.500	MTON
10121	AGGR. BASE MATL. TY. I NO. 21A OR 21B	0.600	TON	2.500	MTON
10123	AGGR. BASE MATL. TY. I NO. 21A	0.600	TON	2.500	MTON
10128	AGGR. BASE MATL. TY. I NO. 21B	0.600	TON	2.500	MTON
10416	LIQUID ASPHALT	0.016	GAL	0.016	LITER
10424	BLOTTED SEAL COAT TY. D	0.010	SY	0.045	SQ M
10468	COVER MATL. AGGR. NO. 68	0.600	TON	2.500	MTON
10478	COVER MATL. AGGR. NO. 78	0.600	TON	2.500	MTON
10480	COVER MATL. AGGR. NO. 8	0.600	TON	2.500	MTON
10598	NS ASPHALT CONCRETE	3.500	TON	14.600	MTON
10606	ASPHALT CONCRETE TY. SM-9.5	3.500	TON	14.600	MTON
10607	ASPHALT CONCRETE TY. SM-12.5A	3.500	TON	14.600	MTON
10608	ASPHALT CONCRETE TY. SM-12.5D	3.500	TON	14.600	MTON
10609	ASPHALT CONCRETE TY. SM-12.5E	3.500	TON	14.600	MTON
10610	ASPHALT CONCRETE TY. IM-19.0A	3.500	TON	14.600	MTON
10611	ASPHALT CONCRETE	3.500	TON	14.600	MTON

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL FACTOR gal/unit	ITEM UNIT	FUEL FACTOR liters/unit	ITEM UNIT
	TY. IM-19.0D				
10612	ASPHALT CONCRETE BASE COURSE TY. BM-25.0	3.500	TON	14.600	MTON
10613	ASPHALT CONCRETE TY. BM-37.5	3.500	TON	14.600	MTON
10628	FLEXIBLE PAVEMENT PLANING 0" - 2"	0.071	SY	N/A	
10629	FLEXIBLE PAVEMENT PLANING ABOVE 2" - 4"	0.160	SY	N/A	
10630	FLEXIBLE PAVEMENT PLANING	0.110	SY	0.498	SQ M
10635	ASPHALT CONCRETE TY. SM-9.5A	3.500	TON	14.600	MTON
10636	ASPHALT CONCRETE TY. SM-9.5D	3.500	TON	14.600	MTON
10637	ASPHALT CONCRETE TY. SM-9.5E	3.500	TON	14.600	MTON
10639	ASPHALT CONCRETE TY. SM-19.0	3.500	TON	N/A	
10642	ASPHALT CONCRETE TY. BM-25.0A	3.500	TON	14.600	MTON
10643	ASPHALT CONCRETE TY. BM-25.0D	3.500	TON	14.600	MTON
10650	STONE MATRIX ASPHALT SMA-9.5(70-22)	4.000	TON	16.680	MTON
10651	STONE MATRIX ASPHALT SMA-9.5(76-22)	4.000	TON	16.680	MTON
10652	STONE MATRIX ASPHALT SMA-12.5(70-22)	4.000	TON	16.680	MTON
10653	STONE MATRIX ASPHALT SMA-12.5(76-22)	4.000	TON	16.680	MTON
10654	STONE MATRIX ASPHALT SMA-19.0(70-22)	4.000	TON	16.680	MTON

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL FACTOR gal/unit	ITEM UNIT	FUEL FACTOR liters/unit	ITEM UNIT
10655	STONE MATRIX ASPHALT SMA-19.0(76-22)	4.000	TON	16.680	MTON
10771	PLAIN HYDRAULIC CEMENT CONC. PAVE. 7"	0.950	SY	4.301	SQ M
10781	PLAIN HYDRAULIC CEMENT CONC. PAVE. 8"	0.950	SY	4.301	SQ M
10791	PLAIN HYDRAULIC CEMENT CONC. PAVE. 9"	0.950	SY	4.301	SQ M
10881	REINF. HYDRAULIC CEM. CONC. PAVE. 8"	0.950	SY	4.301	SQ M
10891	REINF. HYDRAULIC CEM. CONC. PAVE. 9"	0.950	SY	4.301	SQ M
10981	CONT. REINF. HYDRAULIC CONC. PAVE. 8"	0.950	SY	4.301	SQ M
10982	CONT. REINF. HYDRAULIC CONC. PAVE. 9"	0.950	SY	4.301	SQ M
10986	CONT. REINF. CONC. PAVE. 10"	0.950	SY	4.301	SQ M
10987	CONT. REINF. CONC. PAVE. 11"	0.950	SY	4.301	SQ M
10988	CONT. REINF. CONC. PAVE. 12"	0.950	SY	4.301	SQ M
10989	CONT. REINF. CONC. PAVE. 13"	0.950	SY	4.301	SQ M
11160	PATCHING HYDRAULIC CEMENT CONC. PAVE. 6"	2.000	SY	9.054	SQ M
11170	PATCHING HYDRAULIC CEMENT CONC. PAVE. 7"	2.000	SY	9.054	SQ M
11180	PATCHING HYDRAULIC CEMENT CONC. PAVE. 8"	2.000	SY	9.054	SQ M
11181	PATCHING HYDRAULIC CEMENT CONC. PAVE.	2.000	SY	9.054	SQ M

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL	ITEM	FUEL	ITEM
		FACTOR	UNIT	FACTOR	UNIT
		gal/unit		liters/unit	
13565	RETAINING WALL EXCAVATION	0.290	CY	1.436	CU M
14260	CRUSHER RUN AGGREGATE NO. 25 OR 26	0.400	TON	1.665	MTON
15290	PATCHING CEM. CONC. PAVE. TY. CRCP-A	2.000	SY	9.054	SQ M
15301	PATCHING CEMENT CONC. PAVE., TYPE I	2.000	SY	9.054	SQ M
15302	PATCHING CEMENT CONC. PAVE., TYPE II	2.000	SY	9.054	SQ M
15303	PATCHING CEMENT CONC. PAVE., TYPE III-P	2.000	SY	9.054	SQ M
15304	PATCHING CEMENT CONC. PAVE., TYPE III-F	2.000	SY	9.054	SQ M
15305	PATCHING CEMENT CONC. PAVE., TYPE IV-A	2.000	SY	9.054	SQ M
15306	PATCHING CEMENT CONC. PAVE., TYPE IV-S	2.000	SY	9.054	SQ M
15307	PATCHING CEMENT CONC. PAVE.TY.IV(15'<L<40')	2.000	SY	N/A	
15308	PATCHING CEMENT CONC. PAVE. TY.IV (L>40')	2.000	SY	N/A	
15350	GRINDING CONCRETE PAVEMENT	0.200	SY	0.905	SQ M
16110	EMUL. ASPH. SLURRY SEAL TYPE A	0.010	SY	0.045	SQ M
16120	EMUL. ASPHALT SLURRY SEAL TYPE B	0.010	SY	0.045	SQ M
16130	EMUL. ASPHALT SLURRY SEAL TYPE C	0.010	SY	0.045	SQ M
16153	AGGR. NO. 8 P	0.006	SY	0.027	SQ M
16161	MODIFIED SINGLE SEAL	0.013	SY	0.590	SQ M

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL FACTOR gal/unit	ITEM UNIT	FUEL FACTOR liters/unit	ITEM UNIT
16162	MODIFIED DOUBLE SEAL	0.019	SY	0.860	SQ M
16242	AGGR. BASE MATL. TY. I OR II NO. 21A OR 21B	0.600	TON	2.500	MTON
16325	ASPHALT CONCRETE	3.500	TON	14.600	MTON
16330	ASPHALT CONCRETE TY. SM-9.0A	3.500	TON	N/A	
16335	ASPHALT CONCRETE TY. SM-9.5A	3.500	TON	N/A	
16340	ASPHALT CONCRETE TY. SM-9.5D	3.500	TON	N/A	
16342	ASPH. CONC. TY. SM-9.5DSL (SPOT LEVEL)	3.500	TON	N/A	
16345	ASPHALT CONCRETE TY. SM-9.5E	3.500	TON	N/A	
16350	ASPHALT CONCRETE TY. SM-12.5A	3.500	TON	N/A	
16352	ASPH. CON. TY. SM-12.5ASL(SPOT LEVEL)	3.500	TON	N/A	
16355	ASPHALT CONCRETE TY. SM-12.5D	3.500	TON	N/A	
16357	ASPH. CON. TY. SM-12.5DSL(SPOT LEVEL)	3.500	TON	N/A	
16360	ASPHALT CONCRETE TY. SM-12.5E	3.500	TON	N/A	
16361	ASPHALT CONCRETE TY. SM-19.0	3.500	TON	N/A	
16362	ASPHALT CONCRETE TY. SM-19.0A	3.500	TON	N/A	
16365	ASPHALT CONCRETE TY. IM-19.0A	3.500	TON	N/A	
16370	ASPHALT CONCRETE TY. IM-19.0D	3.500	TON	N/A	

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL FACTOR	ITEM UNIT	FUEL FACTOR	ITEM UNIT
		gal/unit		liters/unit	
16375	ASPHALT CONCRETE TY. BM-25.0	3.500	TON	N/A	
16376	ASPH. CONC. TY. BM-25.0T (TRENCHING)	3.500	TON	N/A	
16377	ASPHALT CONCRETE TY. BM-37.5	3.500	TON	N/A	
16386	FLEXIBLE PAVEMENT PLANING	0.110	SY	N/A	
16388	FLEXIBLE PAVEMENT PLANING	0.074	SY	N/A	
16390	ASPHALT CONCRETE TY. BM-25.0A	3.500	TON	14.600	MTON
16392	ASPHALT CONCRETE TY. BM-25.0D	3.500	TON	14.600	MTON
16400	STONE MATRIX ASPHALT SMA-9.5(70-22)	4.000	TON	16.680	MTON
16401	STONE MATRIX ASPHALT SMA-9.5(76-22)	4.000	TON	16.680	MTON
16402	STONE MATRIX ASPHALT SMA-12.5(70-22)	4.000	TON	16.680	MTON
16403	STONE MATRIX ASPHALT SMA-12.5(76-22)	4.000	TON	16.680	MTON
16404	STONE MATRIX ASPHALT SMA-19.0(70-22)	4.000	TON	16.680	MTON
16405	STONE MATRIX ASPHALT SMA-19.0(76-22)	4.000	TON	16.680	MTON
16515	NS FLEXIBLE PAVEMENT PLANING	0.160	SY	N/A	
16516	FLEXIBLE PAVEMENT TIE-IN PLANING 0" - 2"	0.071	SY	N/A	
16517	FLEXIBLE PAVEMENT TIE-IN PLANING 2" - 4"	0.160	SY	N/A	
16522	FLEXIBLE PAVEMENT	0.071	SY	N/A	

Optional Fuel Items Listing

ITEM NUMBER	ITEM DESCRIPTION	FUEL FACTOR gal/unit	ITEM UNIT	FUEL FACTOR liters/unit	ITEM UNIT
	PLANING 0" - 2"				
16523	FLEXIBLE PAVEMENT PLANING 2" - 4"	0.160	SY	N/A	
24260	CR. RUN AGGR. NO. 25 OR 26	0.600	TON	2.500	MTON
24410	DEMOLITION OF PAVEMENT	0.200	SY	0.905	SQ M
24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	0.200	SY	0.905	SQ M
26117	DRY RIPRAP CL. AI	0.400	TON	1.665	MTON
26119	DRY RIPRAP CL.I 18"	0.400	TON	1.665	MTON
26224	DRY RIPRAP CL.II 24"	0.530	SY	2.399	SQ M
26271	NS DRY RIPRAP	0.400	TON	1.665	MTON
27430	SILTATION CONTROL EXCAVATION	0.290	CY	1.436	CU M
27545	STORM WATER MANAGEMENT BASIN EXCAVATION	0.290	CY	1.436	CU M
60403	CONCRETE CLASS A3	1.892	CY	9.366	CU M
60404	CONCRETE CLASS A4	1.892	CY	9.366	CU M
64011	STRUCTURE EXCAVATION	0.290	CY	1.436	CU M
65013	CONCRETE CLASS A3	1.892	CY	9.366	CU M
65014	CONCRETE CLASS A4	1.892	CY	9.366	CU M
68040	CONCRETE CLASS A4	1.892	CY	9.366	CU M
69030	CONCRETE CLASS A3	1.892	CY	9.366	CU M
69040	CONCRETE CLASS A4	1.892	CY	9.366	CU M

Proposal Guaranty

(C-24)

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Haymes Brothers, 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 28th Day of March, 20 18

WHEREAS, the above said principal is herewith submitting its proposal for: I-81 Bridge Replacement at Exit 114
PROJECT NUMBER: 0081-154-733, R201, C501, B601, B602
Federal Project No.: NHPP-081-2(992)
Contract ID Number: C00093074DB96

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.

Haymes Brothers, Inc.

Hartford Fire Insurance Company

By: William J. Shelton
(Principal*)
(Officer, Partner or Owner) (Seal)

By: M. Stallard
(Surety Company)
(Attorney-in-Fact**) (Seal)

One Hartford Plaza
Hartford, CT 06155

(Principal*)
By: _____
(Officer, Partner or Owner) (Seal)

(Address)
By: _____
(Surety Company)

(Principal*)
By: _____
(Officer, Partner or Owner) (Seal)

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

*Note: If the principal is a joint venture, each party thereof must be named and execution made by same hereon. If there is more than one surety to the bid bond, each surety must be named and execution shall be made by same hereon.
Electronic Bid Only: In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid bond as shown above.

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

**Attach copy of Power of Attorney

POWER OF ATTORNEY

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 Name: CAPITAL INS & BONDING SERVICES CO
Agency Code: 14-732847

- 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, up to the amount of Unlimited :
Melissa Stallard of RICHMOND, Virginia

their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety(ies) only as delineated above by , and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments 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, 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 5th day of January, 2018, 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.



CERTIFICATE

Kathleen T. Maynard
Notary Public

My Commission Expires July 31, 2021

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 28th March, 2018
Signed and sealed at the City of Hartford.



Kevin Heckman, Assistant Vice President

Sworn Statement Forms

(C-104, C-105, Attachments 4.8.6(a) & 4.8.6(b))

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PROJECT: 0081-154-733

FHWA: NHPP-081-2(992)

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 Pittsylvania Co., VA, this 4 day of April, 20 18
County (City), STATE

Haymes Brothers, Inc.
(Name of Firm)

By: [Signature] V.P. / Secy
(Signature) Title (print)

STATE of Virginia

County (CITY) of Pittsylvania
To-wit:

I Leslie H. Dalton, a Notary Public in and for the State and County (City) aforesaid, hereby certify that this day Henry A. Haymes

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 4th day of April, 20 18

Leslie H. Dalton My Commission expires September 30, 2020
Notary Public

OR
UNSWORN DECLARATION

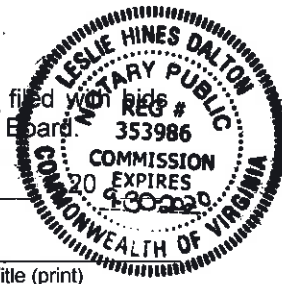
The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

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

(Name of Firm)

By: _____
(Signature)

Title (print)



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT

PROJECT: 0081-154-733

FHWA: NHPP-081-2(992)

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
None	
_____	_____
_____	_____
_____	_____

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 Pittsylvania Co. VA this 4 day of April, 20 18
County (City), STATE

Haymes Brothers, Inc.
(Name of Firm)

By: [Signature] V.P./Secy
(Signature) Title (print)

STATE of Virginia

County (CITY) of Pittsylvania

To-wit:

I Leslie H. Dalton, a Notary Public in and for the State and
County (City) aforesaid, hereby certify that this day Henry A. Haymes

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 4th day of April, 20 18

Leslie H. Dalton My Commission expires September 30, 2020
Notary Public



CD-ROM

(Containing the entire Price Proposal
in Adobe PDF file format)



EXITS 118A-B-C

11 460
Blacksburg
1 3/4 MILES

EXIT 114

8
Christiansburg
Floyd

PRICE PROPOSAL

I-81 Bridge Replacment at Exit 114 *A Design-Build Project*

State Project No.: 0081-154-733, R201, C501, B601, B616

Federal Project No.: NHPP-081-2(992)

Contract ID Number: C00093074DB96

Submitted by:

Haymes Brothers, Inc.

In association with:

A. Morton Thomas and Associates, Inc.

APRIL 4, 2018

