

PRICE PROPOSAL

INTERSTATE 64 CAPACITY IMPROVEMENTS – SEGMENT III

**FROM: 1.15 MILES WEST OF ROUTE 199
(LIGHTFOOT)
TO: 1.05 WEST OF ROUTE 199
(HUMELSINE PARKWAY)
YORK COUNTY, VIRGINIA**

**STATE PROJECT NO.: 0064-965-229, P-101, R-201, C-501,
B-638, B-639, B-640, B-641, B-642, B-643, D-609, D-610,
D611**

**FEDERAL PROJECT NO.: NHPP-064-3 (498)
CONTRACT ID NUMBER: C00106689DB97**



PREPARED FOR:



SUBMITTED BY:





October 24, 2017

Mr. Joseph A. Clarke, P.E.
Alternative Project Delivery Division
Virginia Department of Transportation
1401 East Broad Street
Annex Building, 8th Floor
Richmond, Virginia 23219

RE: I-64 Capacity Improvements – Segment III, York County, Virginia
State Project Nos.: 0064-965-229, P-101, R-201, C-501, B-638, B-639, B-640, B-641, B-642, B-643, D-609, D-610, D-611
Federal Project No.: NHPP-064-3 (498)
Contract ID Number: C00106689DB97

Dear Mr. Clarke,

The Lane Construction Corporation (LANE) is pleased to submit our Price Proposal for the above referenced Design-Build project with the Virginia Department of Transportation (VDOT). Our response contains all information requested in the RFP dated June 21, 2017 and Addenda 1, 2, 3 and 4.

The LANE Team appreciates the opportunity to propose on this critically important project. We look forward to partnering with VDOT to make the I-64 Capacity Improvements – Segment III project a landmark success for the citizens of Virginia.

Should you have any additional questions, I can be contacted by phone at (412) 445-0423 or e-mail at JPHavel@laneconstruct.com.

Respectfully,

A handwritten signature in blue ink, appearing to read "John P. Havel, Jr.", written in a cursive style.

John P. Havel, Jr. P.E.
Pursuit Manager
The Lane Construction Corporation

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: I-64 Capacity Improvements – Segment III
Contract ID Number: C00106689DB97**

➤ **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, Asphalt 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 4.8.6(a) and 4.8.6(b))**
 - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
-

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

RFP NO. C00106689DB97
 PROJECT NO.: 0064-965-229

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 June 21, 2017 – RFP
(Date)
2. Cover letter of RFP Addendum No. 1 – July 24, 2017
(Date)
3. Cover letter of RFP Addendum No. 2 – August 14, 2017
(Date)
4. Cover letter of RFP Addendum No. 3 – September 1, 2017
(Date)
5. Cover letter of RFP Addendum No. 4 – September 29, 2017
(Date)



SIGNATURE

October 24, 2017

DATE

John P. Havel, Jr.

PRINTED NAME

Pursuit Manager

TITLE

4.8.1 TOTAL PROPOSAL PRICE

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>14,927,124.81</u>
Construction Services (exclude QA/QC), LS	\$ <u>170,934,237.19</u>
Quality Assurance (QA) (Construction), LS	\$ <u>4,700,000.00</u>
Quality Control (QC) (Construction), LS	\$ <u>6,100,000.00</u>

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

Lump Sum (LS): One hundred ninety-six million six hundred sixty-one thousand three hundred sixty-two dollars and zero cents (\$196,661,362.00)

Signature:  Date: October 24, 2017

Design-Builder: The Lane Construction Corporation

Vendor No.: L002

4.8.2 SCHEDULE OF ITEMS

Attachment 4.8.2

State Project 0064-965-229, Contract ID C00106689DB97

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: 10/24/2017

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00100	MOBILIZATION		1	LS	\$ 9,825,000.00
00100	BOND & INSURANCE		1	LS	\$ 2,000,000.00
00101	CONSTRUCTION SURVEYING (CONSTR.)		1	LS	\$ 2,100,000.00
00104	DESIGN BUILD QA PROGRAM		1	LS	\$ 4,700,000.00
00104	DESIGN BUILD QC PROGRAM		1	LS	\$ 6,100,000.00
00104	DESIGN BUILD DESIGN SERVICES		1	LS	\$ 14,927,124.81
00104	PUBLIC RELATIONS		1	LS	\$ 220,000.00
00104	DESIGN BUILD ENVIRONMENTAL PERMITTING		1	LS	\$ 3,220,139.00
00104	DESIGN BUILD UTILITY RELOCATION		1	LS	\$ 75,000.00
29000*	LANDSCAPING REQUIREMENTS		1	LS	\$ 950,000.00
25561	FORMAL PARTNERING		1	LS	\$ 30,000.00
00109	UTILITY LOCATING (TEST PITS)		53	EA	\$ 26,500.00
00111	CLEARING AND GRUBBING		61	ACRE	\$ 762,500.00
00120	REGULAR EXCAVATION	FUEL	48498	CY	\$ 7,274,970.00
00150	EMBANKMENT	FUEL	216916	CY	\$ 650,748.00
00211	MINOR STR EXCAV PIPE CULVERT	FUEL	124	CY	\$ 6,200.00
00250*	UNDER CUT & REFILL		31056	CY	\$ 931,680.00
00525	CONCRETE CLASS A3 MISC	FUEL	588	CY	\$ 161,700.00
00588	UNDERDRAIN UD-4		172582	LF	\$ 1,725,820.00
00592	CROSSDRAIN CD-1		3600	LF	\$ 64,800.00
00592	CROSSDRAIN CD-2		1890	LF	\$ 34,020.00
00595	OUTLET PIPE		5525	LF	\$ 82,875.00
00596	EW-12		66	EA	\$ 39,600.00
00700	POST INSTALLATION INSPECTION		227922	LF	\$ 455,844.00
01156	STORM SEWER PIPE 15"		4333	LF	\$ 389,970.00
01186	STORM SEWER PIPE 18"		9567	LF	\$ 1,004,535.00
01241	JACKED & BORED 24" PIPE		2954	LF	\$ 2,806,300.00
01246	STORM SEWER PIPE 24"		15336	LF	\$ 1,993,680.00
01301	JACKED & BORED 30" PIPE		210	LF	\$ 205,800.00
01306	STORM SEWER PIPE 30"		4298	LF	\$ 752,150.00
01361	JACKED & BORED 36" PIPE		228	LF	\$ 273,600.00
01362	STORM SEWER PIPE 36"		4267	LF	\$ 896,070.00
01363	REPAIR EXISTING STORM PIPE DIFFERENT SIZES		1198	LF	\$ 557,070.00
01426	STORM SEWER PIPE 42"		906	LF	\$ 235,560.00
01481	JACKED & BORED 48" PIPE		232	LF	\$ 359,600.00
01486	STORM SEWER PIPE 48"		780	LF	\$ 261,300.00
01601	JACKED & BORED 60" PIPE		616	LF	\$ 1,355,200.00
01722	STORM SEWER PIPE 72"		52	LF	\$ 33,800.00
06150	15" END SECTION ES-1 OR 2		3	EA	\$ 2,850.00
06181	18" END SECTION ES-1		16	EA	\$ 22,400.00
06241	24" END SECTION ES-1		46	EA	\$ 82,800.00
06301	30" END SECTION ES-1		7	EA	\$ 15,400.00
06360	36" END SECTION ES-1		20	EA	\$ 58,000.00
06421	42" END SECTION ES-1		2	EA	\$ 7,000.00

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State Project 0064-965-229, Contract ID C00106689DB97

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

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06480	48" END SECTION ES-1		7	EA	\$ 31,500.00
06490	60" END SECTION ES-1		2	EA	\$ 14,000.00
02111*	CLEAN EXISTING STORM PIPES 24"-60"		24043	LF	\$ 120,215.00
02112*	ABANDON EXISTING STORM PIPES 24"-36"		3487	LF	\$ 174,350.00
02113*	DEMO EXISTING STORM PIPES 24"-60"		3639	LF	\$ 69,141.00
02114*	DEMO EXISTING STORM STRUCTURES		57	EA	\$ 37,050.00
00520*	REPAIR EXISTING BOX CULVERTS-SURFACE		95	SY	\$ 128,250.00
00521*	REPAIR EXISTING BOX CULVERTS-CRACKS BY EPOXY INJEC		7085	LF	\$ 318,825.00
07506	DI-5		105	EA	\$ 252,000.00
06750	DI-2B L=10'		56	EA	\$ 162,400.00
08190	DI-10H TY. I, L=10'		14	EA	\$ 106,400.00
08963*	DI-13 L=10'		6	EA	\$ 24,000.00
09056	MANHOLE MH-1 OR 2		238	VF	\$ 77,350.00
09057	FRAME & COVER MH-1		31	EA	\$ 9,610.00
09060*	PIPE TIE IN STORM DRAINAGE PIPE TO STR./PIPE		14	EA	\$ 49,000.00
09150	EROS. CONTR. STONE CL. I, EC-1	FUEL	1372	TON	\$ 116,620.00
14370	STREAM CONVEYANCE RESTORATION FOR ERODED OUTFALLS		5271	LF	\$ 1,080,555.00
09250	SLOPE DRAIN		20	EA	\$ 16,000.00
10035	NS CEMENT STAB. SUBGRADE		63893	CY	\$ 2,555,720.00
10027	NS FULL DEPTH RECLAMATION (FDR) 12"		228614	SY	\$ 2,286,140.00
10035	NS CEM TRTD CRUSH CONC OR RAP (MANIP. ON GRADE)		287271	TON	\$ 11,490,840.00
10062	ASPH.-STAB. OPEN-GRADED MATERIAL	FUEL & ASPHALT	57645	TON	\$ 5,476,275.00
10113	AGGR. BASE MATL. TY. I NO. 21B	FUEL	4982	TON	\$ 189,316.00
10608	ASPHALT CONCRETE SM-12.5A	FUEL & ASPHALT	28876	TON	\$ 2,454,460.00
10610	ASPHALT CONCRETE IM-19.0A	FUEL & ASPHALT	37462	TON	\$ 3,184,270.00
10653	STONE MATRIX ASPHALT SMA-12.5 (76-22)	FUEL & ASPHALT	41501	TON	\$ 4,980,120.00
10655	STONE MATRIX ASPHALT SMA-19.0 (76-22)	FUEL & ASPHALT	51876	TON	\$ 5,706,360.00
10660*	NS COLD CENTRAL PLANT RECYCLE MATL	FUEL & ASPHALT	173523	TON	\$ 8,329,104.00
68576	PAVEMENT SAWCUT FULL DEPTH BETWEEN PHASES & TIEINS		27696	LF	\$ 69,240.00
10628	FLEXIBLE PAVE. PLANING 0" - 2"	FUEL	842	SY	\$ 2,526.00
10700	RUMBLE STRIP, ASPHALT		174316	LF	\$ 87,158.00
10881*	NS EXPOSED AGGR. JOINTED REINF. CONC. PAVE. 8"	FUEL	900	SY	\$ 202,500.00
12322	ASPHALT CURB MC-3B	ASPHALT	12902	LF	\$ 270,942.00
12550*	MC-4	ASPHALT	43523	SY	\$ 652,845.00
09185	PAVED DITCH PG-2A		7500	SY	\$ 637,500.00
13210	R/W MONUMENT RM-1		62	EA	\$ 27,900.00
13280	GR-MGS1 (MIDWEST GUARDRAIL SYSTEM)		97735	LF	\$ 1,759,230.00
13286	GR-MGS2 (TANGENT END TERMINAL)		38	EA	\$ 136,800.00
13287	GR-MGS3 (TRAILING END ANCHOR)		33	EA	\$ 36,300.00
13288	GR-MGS4 (TRANSITION FROM MGS TO GR-2)		2	EA	\$ 1,700.00
13392	GR-FOA-2 TY. I (FIXED OBJECT ATTACHMENT, RUN-ON)		26	EA	\$ 62,400.00
13393	GR-FOA-2 TY. II (FIXED OBJECT ATTACHMENT, RUN-OFF)		18	EA	\$ 9,000.00
13460	MB-7D		4956	LF	\$ 669,060.00

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13461	MB-7F (CONCRETE MEDIAN BARRIER)		80	LF	\$ 8,800.00
13493*	BRIDGE PIER PROTECTION SYSTEM BPPS-1, 54"		1003	LF	\$ 361,080.00
13495	TRAF. BARR. SER. CONC. SGL FC PAR.MB-10A		2800	LF	\$ 126,000.00
13496	TRAF. BARR. SER. CONC. DBL FC PAR.MB-11A		2800	LF	\$ 109,200.00
13631*	IMPACT ATTEN. SERVICE		52	EA	\$ 312,000.00
13755	SOUND WALL - GROUND MOUNTED		89220	SF	\$ 4,014,900.00
13755	SOUND WALL - BRIDGE MOUNTED		6080	SF	\$ 577,600.00
22501	FENCE FE-W1		13821	LF	\$ 55,284.00
22541	LINE BRACE UNIT FE-W1		67	EA	\$ 9,380.00
22581	CORNER BRACE UNIT FE-W1		71	EA	\$ 12,425.00
22643	FENCE FE-CL		13926	LF	\$ 194,964.00
22653	LINE BRACE UNIT FE-CL		61	EA	\$ 11,285.00
22663	CORNER BRACE UNIT FE-CL		139	EA	\$ 28,495.00
22677	GATE FE-CL L-14'		14	EA	\$ 13,300.00
24100	ALLAYING DUST		1	MO	\$ 475,000.00
24152	TYPE III 3 BARRICADE 8'		8	EA	\$ 2,200.00
24160	CONSTRUCTION TEMPORARY SIGN		3072	SF	\$ 107,520.00
24290	TRAFFIC BARRIER SER. CONC. MB-7D PC		194220	LF	\$ 3,107,520.00
24278	GROUP 2 CHANNELIZING DEVICES		250	EA	\$ 18,750.00
24279	PORT.CHANGEABLE MESS. SIGN		2	EA	\$ 51,000.00
24360	NS SAFETY WRECKER SERVICE MEDIUM DUTY		35064	HR	\$ 736,344.00
57062*	PORTABLE CCTV CAMERA		4	EA	\$ 128,000.00
51000*	PORTABLE TEMPORARY TRAFFIC SIGNAL		2	EA	\$ 50,000.00
24370*	MOT CREW		1	LS	\$ 1,150,000.00
24201*	TEMP MOT PAVING	ASPHALT	43570	SY	\$ 1,655,660.00
24201*	TEMP MOT DRAINAGE		1500	LF	\$ 97,500.00
24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	FUEL	267894	SY	\$ 1,473,417.00
24420	DEMOLITION OF PAVEMENT (RIGID)	FUEL	118725	SY	\$ 712,350.00
24435*	DEMOLITION OF CURB,MEDIAN & FLAT WORKS		1	LS	\$ 26,000.00
24600	REMOVE EXISTING GUARDRAIL		40009	LF	\$ 100,022.50
25505	FIELD OFFICE TY. I		36	MO	\$ 270,000.00
25565	PROGRESS SCHEDULE BASELINE		1	LS	\$ 5,000.00
25567	PROGRESS SCHEDULE UPDATES		36	EA	\$ 22,500.00
27022	TOPSOIL CLASS A 2*		105	ACRE	\$ 1,785,000.00
27102	REGULAR SEED		14175	LB	\$ 212,625.00
27102*	CONSERVATION SEED OVERLAY		3150	LB	\$ 204,750.00
27103	OVERSEEDING		5250	LB	\$ 57,750.00
27215	FERTILIZER (15-30-15)		15.75	TON	\$ 44,100.00
27250	LIME		210	TON	\$ 57,750.00
27102*	TEMP SEEDING		105	AC	\$ 199,500.00
27321	PROTECTIVE COVERING EC-2		150091	SY	\$ 225,136.50
27327	SOIL STABILIZATION MAT EC-3 TYPE C		96800	SY	\$ 314,600.00
00010*	EROSION CONTROL MAINTENANCE CREW		36	MO	\$ 1,152,000.00

Attachment 4.8.2

State Project 0064-965-229, Contract ID C00106689DB97

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

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Date: 10/24/2017

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
27405*	CONSTRUCTION ENTRANCES		30	EA	\$ 150,000.00
27415	CHECK DAM (ROCK) TY.II		303	EA	\$ 90,900.00
27422	DEWATERING BASIN EC-8		100	EA	\$ 63,000.00
27430	SILTATION CONTROL EXCAVATION		500	CY	\$ 30,000.00
27451	INLET PROTECTION, TYPE A		124	EA	\$ 27,900.00
27461	INLET PROTECTION, TYPE B		30	EA	\$ 6,300.00
27505	TEMP. SILT FENCE		83680	LF	\$ 167,360.00
27507*	NS FENCE SUPER SILT FENCE		31346	LF	\$ 156,730.00
27525	TURBIDITY CURTAIN - PERVIOUS		1200	LF	\$ 37,200.00
27545	STORM WATER MANAGEMENT BASIN EXCAVATION	FUEL	115589	CY	\$ 1,849,424.00
27551	NS SWM DRAINAGE STR		143	VLF	\$ 101,530.00
27580	TEMP. SEDIMENT TRAP		38	EA	\$ 48,450.00
50108	SIGN PANEL (STP-1)		1284	SF	\$ 51,360.00
50108	LARGE SIGN PANEL (SSP-VA OR VIA GROUND MOUNTED)		2269	SF	\$ 102,105.00
50108	LARGE SIGN PANEL (OVERHEAD)		3284	SF	\$ 131,524.20
51962	NS RELOCATE SIGN PANEL TO NEW SIGN STRUCTURE (LARG		11	EA	\$ 17,600.00
51963	NS REMOVE AND DISPOSE EXISTING GM SIGN STRUCTURE		120	EA	\$ 60,000.00
51963	NS REMOVE AND DISPOSE EXIST CANTILEVER SIGN/STRUCT		4	EA	\$ 24,000.00
51963	NS REMOVE AND DISPOSE EXIST SPAN SIGN/STRUCTURE/FO		7	EA	\$ 91,000.00
23602	NS GATE REMOVE & RESET EMERGENCY GATE		5	EA	\$ 32,000.00
50432	SIGN POST STP-1 2 3/16" 10 GA		780	LF	\$ 19,500.00
50436	SIGN POST STP-1 2 1/2" 10 GA		1560	LF	\$ 57,720.00
50486	CONCRETE FOUNDATION STP-1, TY B		130	EA	\$ 110,500.00
50404	SIGN POST STEEL W4 X 13		108	LF	\$ 10,260.00
50406	SIGN POST STEEL W6 X 12		106	LF	\$ 10,600.00
50410	SIGN POST STEEL W10 X 12		46	LF	\$ 4,830.00
50412	SIGN POST STEEL W12 X 14		40	LF	\$ 4,400.00
50412	SIGN POST STEEL W12 X 16		79	LF	\$ 9,085.00
50413	SIGN POST STEEL W12 X 19		203	LF	\$ 24,360.00
50414	SIGN POST STEEL W14 X 22		47	LF	\$ 5,875.00
50415	SIGN POST STEEL W14 X 26		140	LF	\$ 18,200.00
50416	SIGN POST STEEL W16 X 31		201	LF	\$ 27,135.00
50418	SIGN POST STEEL W16 X 40		54	LF	\$ 7,560.00
50418	SIGN POST STEEL W18 X 35		81	LF	\$ 11,745.00
50418	SIGN POST STEEL W18 X 40		118	LF	\$ 17,700.00
50421	SIGN POST STEEL W21 X 44		83	LF	\$ 12,865.00
50502	CONC. FOUND SSP-VI A 1'-9"X4'-6"		8	EA	\$ 11,200.00
50504	CONC. FOUND SSP-V A 2'6" DIA. X 7'0" DEPTH		8	EA	\$ 15,200.00
50528	CONC. FOUND. SSP-VI A 3' DIA. X 7'DE		29	EA	\$ 69,600.00
50544	CONC. FOUND.SSP-VIA 3'-6"DIA X 9'-0"DE		3	EA	\$ 10,800.00
50558	CONC. FOUND. SSP-VIA 4'-0" X 9'-6"		14	EA	\$ 71,400.00
50568	CONC.FOUND. SSP-VIA 4'-0" X 12'-0"		7	EA	\$ 44,100.00
50575	CONC. FOUND. O/H SIGN STRUCTURE		415	CY	\$ 846,600.00

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50901*	O/H SIGN STRUCTURE-CANTILEVER 35'		1	EA	\$ 42,000.00
50902*	O/H SIGN STRUCTURE -CANTILEVER 45'		2	EA	\$ 110,000.00
50903*	O/H SIGN STRUCTURE CANTILEVER 50'		1	EA	\$ 65,000.00
50906*	O/H SIGN STRUCTURE SPAN 80'		3	EA	\$ 255,000.00
50907*	O/H SIGN STRUCTURE SPAN 85'		1	EA	\$ 92,000.00
50908	O/H SIGN STRUCTURE SPAN 90'		1	EA	\$ 94,000.00
50909	O/H SIGN STRUCTURE SPAN 95'		1	EA	\$ 100,000.00
50910*	O/H SIGN STRUCTURE SPAN 100'		2	EA	\$ 190,000.00
56205	TEST BORE OH SIGNS		20	EA	\$ 50,000.00
50910*	HURRICANE GATES RELOCATED		4	EA	\$ 14,000.00
50018	ROAD EDGE DEL. ED-3 TY. I D-1		219	EA	\$ 25,185.00
50019	ROAD EDGE DEL. ED-3 TY. I D-2		105	EA	\$ 12,600.00
54032	TY.B CL.I PAVE. LINE MARK. (THERMO)4" - TEMP		334000	LF	\$ 133,600.00
54034	TY.B CL.I PAVE. LINE MARK. (THERMO)6" - ASPH		200	LF	\$ 120.00
54042	TY.B CL.I PAVE. LINE MARK. (THERMO) 24" - ASPH		46	LF	\$ 690.00
54076	TY.B CL.VI PAVE. LINE MARK. 6"		248965	LF	\$ 871,377.50
54077	TY.B CL.VI PAVE. LINE MARK. 8"		7294	LF	\$ 36,470.00
54080	TYPE B CLASS VI CONTRAST PVMT MRKG 6"		7332	LF	\$ 51,324.00
54100	NS PAVT MRKG TY.B CL.VI PAVE. LINE MARK 24"		115	LF	\$ 1,840.00
54105	ERAD. OF EXIST.LINEAR PAVE.MARKING		241900	LF	\$ 120,950.00
54107	NS PVMT SYMB MRKG (LANE REDUCTION ARROW) TYB,CL VI		2	EA	\$ 4,000.00
54107	NS PVMT SYMB MRKG (SGL TURN ARROW) TYB, CL VI		6	EA	\$ 2,100.00
54217	SNOW PLOW. RAISED PAVE. MARKER ASPH. CONC.		3264	EA	\$ 114,240.00
54218	SNOW PLOW. RAISED PAVE. MARKER HYD. CONC.		58	EA	\$ 2,610.00
54240	TEMP. PAVE. MARKER 1 WAY		2245	EA	\$ 22,450.00
54512	TYPE D, CLASS II TEMP. PVMT MRKG 4"		10165	LF	\$ 15,247.50
59101*	POWER SERVICE DROPS DOMINION POWER		1	EA	\$ 25,000.00
51260	NS CONC. FOUNDATION CONC. FOUNDATION CAMERA POLE		20	CY	\$ 36,000.00
52147	CONCRETE FOUNDATION CF-3		3	EA	\$ 27,000.00
56205	TEST BORE ITS		2	EA	\$ 5,000.00
55000	00 CONDUCTOR CABLE		130950	EA	\$ 654,750.00
55587	JUNCTION BOX JB-S2		126	EA	\$ 315,000.00
55588	JUNCTION BOX JB-S3		80	EA	\$ 224,000.00
55589	JUNCTION BOX JB-S4		50	EA	\$ 170,000.00
56032/56034	METAL CONDUIT (UP TO 4")		6910	LF	\$ 380,050.00
57012	ITS CONTROLLER CABINET W/ SUNSHIELDS (GROUND MOUNT		3	EA	\$ 39,000.00
57013	ITS CONTROLLER CABINET W/ SUNSHIELDS (POLE MOUNTED		2	EA	\$ 19,000.00
57050	UNINTERRUPTIBLE POWER SUPPLY ITS-CC		2	EA	\$ 24,000.00
57060	CCTV CAMERA (DIGITAL)		2	EA	\$ 16,000.00
57071	DIGITAL VIDEO DECODER		2	EA	\$ 7,600.00
57080	NS CCTV COMPOSITE CABLE		200	LF	\$ 3,800.00
57093	CCTV CAMERA POLE (60') WITH LOWERING DEVICE		2	EA	\$ 58,000.00
57140	DMS COMMUNICATION CABLE		600	LF	\$ 6,600.00

Attachment 4.8.2
State Project 0064-965-229, Contract ID C00106689DB97

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: 10/24/2017

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
57143	RELOCATE EXISTING DMS SIGN		4	EA	\$ 35,200.00
57160	VDS DETECTOR		2	EA	\$ 26,000.00
57165	VDS COMPOSITE CABLE		150	LF	\$ 2,700.00
57200	FIBER OPTIC CABLE (24 STRAND)		99000	LF	\$ 396,000.00
57201	FIBER OPTIC CABLE (48 STRAND)		49500	LF	\$ 247,500.00
57202	FIBER OPTIC CABLE (96 STRAND)		200	LF	\$ 8,000.00
57203	FIBER OPTIC DROP CABLE (12 STRAND)		400	LF	\$ 6,400.00
57204	PRE-TERMINATED FIBER PATCH PANEL		2	EA	\$ 1,900.00
57210	UNDERGROUND SPLICE ENCLOSURE		47	EA	\$ 235,000.00
57215	FIBER DISTRIBUTION CENTER (96 COUNT)		4	EA	\$ 38,400.00
57220	MANAGED FIELD ETHERNET SWITCH (100 MBPS)		5	EA	\$ 20,000.00
57225	DISTRIBUTION SFP MODULE (100 MBPS, LC, AND SHORT		10	EA	\$ 5,500.00
57351	BORED ITS CONDUIT HDPE 2"		7200	LF	\$ 288,000.00
57353	BORED ITS CONDUIT HDPE 4"		200	LF	\$ 12,000.00
57360	ITS CONDUIT HDPE 1-1/4"		156600	LF	\$ 626,400.00
57361	ITS CONDUIT HDPE 2"		119200	LF	\$ 536,400.00
59050	NS COMMUNICATION EQUIP. F&I FLASHING BEACON		1	EA	\$ 2,700.00
59060	NS COMMUNICATION EQUIP. RELOCATE HAR ELECTRONIC CO		1	LS	\$ 8,200.00
59050	NS COMMUNICATION EQUIP. RELOCATE SOLAR POWER SYSTE		1	LS	\$ 4,700.00
59060	NS COMMUNICATION EQUIP. RELOCATE & RECONNECT LOOP		1	LS	\$ 26,000.00
59060	NS COMMUNICATION EQUIP.REACH THE BEACH SIGN CONTRO		1	LS	\$ 4,800.00
59060	NS COMMUNICATION EQUIP. REMOVE CCTV POLE AND FOUND		2	EA	\$ 10,200.00
59050	NS COMMUNICATION EQUIP. REMOVE ITS CABINET AND FOU		5	EA	\$ 2,000.00
59071	NS COMMUNICATION EQUIP. DMS POWER CABLE		600	LF	\$ 2,400.00
55385	ELECTRICAL SERVICE WORK PAD		2	EA	\$ 3,000.00
56200	TRENCH EXCAVATION ECI-1 ITS		49130	LF	\$ 537,973.50
27000	SEL TREE REMOVAL TRIM AND CLEAN		1	AC	\$ 13,000.00
50108	SIGN PANEL (OH MAST ARM LANE USE CONTROL OR TURN		50	SF	\$ 5,000.00
50108	SIGN PANEL (OH MAST ARM STREET NAME SIGN) & MOUNT		30	SF	\$ 2,250.00
51030	LOCAL CONTROLLER, TYPE A		1	EA	\$ 34,000.00
51170	ELECTRICAL SERVICE SE-5		1	EA	\$ 7,200.00
51184	TRAFFIC SIGNAL HEAD SECTION 12" LED (W/ RETROREFLE		21	EA	\$ 9,135.00
51238	CONCRETE FOUNDATION SIGNAL POLE PF-8		26	CY	\$ 52,000.00
51248	CONCRETE FOUNDATION CF-4		1	EA	\$ 5,400.00
51476	SIGNAL POLE MP-3, TYPE B1		1	EA	\$ 15,400.00
51478	SIGNAL POLE MP-3, TYPE C		1	EA	\$ 19,500.00
51486	MAST ARM 40'		1	EA	\$ 6,700.00
51489	MAST ARM 65'		1	EA	\$ 12,000.00
51490	MAST ARM 70'		1	EA	\$ 13,000.00
51523	EVP DETECTION SYSTEM 3-WAY		1	EA	\$ 12,000.00
51525	EVP DETECTOR CABLE		570	LF	\$ 1,710.00
51540	LOOP DETECTOR AMPLIFIER (DUAL CHANNEL)		6	EA	\$ 2,220.00
51598	8/3 CONDUCTOR CABLE		25	LF	\$ 125.00

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State Project 0064-965-229, Contract ID C00106689DB97

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

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Date: 10/24/2017

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
51607	14/7 CONDUCTOR CABLE		930	LF	\$ 2,790.00
51615	14/1 CONDUCTOR CABLE SHIELDED		3120	LF	\$ 12,480.00
51700	14/2 CONDUCTOR CABLE SHIELDED		4505	LF	\$ 13,515.00
51830	HANGER ASSEMBLY SM-3, ONE WAY		7	EA	\$ 3,500.00
51912	LOOP SAW CUT 3/8"		804	LF	\$ 20,100.00
51912	LOOP SAW CUT 1/2"		220	LF	\$ 4,840.00
51961	MODIFY SIGNAL (ROUTE 143 AND ROCHAMBEAU)		1	LS	\$ 5,100.00
51994	UNINTERRUPTIBLE POWER SUPPLY TYPE 2		1	EA	\$ 13,000.00
51995	UNINERRUPTIBLE POWER SUPPLE BATTERY PACK		1	EA	\$ 17,000.00
51997	UNINTERRUPTIBLE POWER SUPPLY CABINET DETACHED		1	EA	\$ 5,900.00
52002	NS ELECTRICAL UTILITY SERVICE CONNECTION FEE		1	EA	\$ 19,000.00
55126	CONDUCTOR CABLE, NO. 8 EGC		2135	LF	\$ 4,270.00
55385	ELECTRICAL SERVICE WORK PAD		1	EA	\$ 1,000.00
55587	JUNCTION BOX JB-S2		10	EA	\$ 27,000.00
55588	JUNCTION BOX JB-S3		1	EA	\$ 2,900.00
56014	ELECT. SER. GRD. ELECTRODE(10')		5	EA	\$ 1,250.00
56021	1" PVC CONDUIT		60	LF	\$ 1,740.00
56050	BORED CONDUIT 2"		360	LF	\$ 14,400.00
56051	BORED CONDUIT 3"		100	LF	\$ 5,200.00
56053	2" PVC CONDUIT		1290	LF	\$ 7,740.00
56054	3" PVC CONDUIT		255	LF	\$ 2,295.00
56200	TRENCH EXCAVATION ECI-1 SIGNALIZATION		1435	LF	\$ 37,310.00
56205	TEST BORE		2	EA	\$ 5,200.00
57204	PRE-TERMINATED FIBER PATCH PANEL		2	EA	\$ 1,900.00
57221	MANAGED FIELD ETHERNET SWITCH (GBPS)		2	EA	\$ 11,200.00
57227	DISTRIBUTION SFP MODULE (1GBPS, LC, AND SHORT HAUL		4	EA	\$ 3,000.00
60404	CONCRETE CLASS A4	FUEL	4104.51	CY	\$ 4,001,897.25
60450	CONC CL A4 BRIDGE APPR SLAB	FUEL	245.62	CY	\$ 196,496.00
60452	REINF. STEEL BRIDGE APPR. SLAB		38591	LB	\$ 77,182.00
60490	BRIDGE DECK GROOVING		13941.91	SY	\$ 48,796.69
61235	PRESTR CONC BEAM, BULB T, 53" DEPTH +90'-100'		99	EA	\$ 4,950,000.00
61236	PRESTR CONC BEAM, BULB T, 53" DEPTH +100'-110'		3	EA	\$ 153,000.00
61237	PRESTR CONC BEAM, BULB T, 53" DEPTH +110'-120'		1	EA	\$ 52,000.00
61234	PRESTR CONC BEAM, BULB T, 53" DEPTH +80'-90'		15	EA	\$ 720,000.00
61233	PRESTR CONC BEAM, BULB T, 53" DEPTH +70'-80'		2	EA	\$ 94,000.00
61713	CRR STEEL, CL III		606922	LB	\$ 3,034,610.00
62024	CONCRETE PARAPET, 42"		3965	LF	\$ 1,348,100.00
64011	STRUCTURE EXCAVATION	FUEL	6718	CY	\$ 335,900.00
69012	TEMPORARY SHEET PILING		3761		\$ 282,075.00
64015	SELECT BACKFILL		8320	TN	\$ 416,000.00
64032	GEOCOMPOSITE WALL DRAIN		153	SY	\$ 8,415.00
64036	PIPE UNDERDRAIN 6"		632	LF	\$ 8,848.00
64424	PRESTRESSED CONC PILES, 24"		16039	LF	\$ 3,608,775.00

Attachment 4.8.2

State Project 0064-965-229, Contract ID C00106689DB97

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

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Date: 10/24/2017

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
64867	PDA LOAD TEST FOR 24" PRESTR. CONC PILE		22	EA	\$ 83,600.00
64868	DRIVING TEST FOR 24" PRESTR. CONC PILE		1580	LF	\$ 410,800.00
65013	CONCRETE CLASS A3	FUEL	2026.81	CY	\$ 2,634,853.00
65200	REINFORCING STEEL		198397	LB	\$ 297,595.50
65211	CRR STEEL, CL I		85779	LB	\$ 300,226.50
662404	TOOTH EXPANSION JOINT ASSEMBLY 1 1/2"		276	LF	\$ 662,400.00
66750	CONC SLAB SLOPE PROTECTION 6"		500	SY	\$ 80,000.00
67900	DISMANTLE AND REMOVE EXIST STR		1	LS	\$ 1,900,000.00
67910	NS NBIS ACCESS, UNDERBRIDGE		15	DAY	\$ 34,500.00
11120	NS TRESTLE/BRIDGE ACCESS		1	LS	\$ 740,000.00
60404	CONCRETE CLASS A4	FUEL	412	CY	\$ 401,700.00
60450	CONC CL A4 BRIDGE APPR SLAB	FUEL	340	CY	\$ 170,000.00
60452	REINF. STEEL BRIDGE APPR. SLAB		59518	LB	\$ 89,277.00
60490	BRIDGE DECK GROOVING		1621	SY	\$ 9,726.00
61223	PRESTR CONC BEAM, BULB T, 45" DEPTH 70'-80'		12	EA	\$ 468,000.00
61713	CRR STEEL, CL III		90535	LB	\$ 362,140.00
62024	CONCRETE PARAPET, 42"		486	LF	\$ 131,220.00
64011	STRUCTURE EXCAVATION	FUEL	5296	CY	\$ 227,728.00
64015	SELECT BACKFILL		5967	TN	\$ 280,449.00
64020*	TEMPORARY WIRE WALL		1512	SF	\$ 37,800.00
64036	PIPE UNDERDRAIN 6"		360	LF	\$ 32,400.00
64112	STEEL PILES 12"		3600	LF	\$ 288,000.00
64767	LOAD TEST FOR 12" STEEL PILE		4	EA	\$ 7,200.00
64768	DRIVING TEST FOR 12" STEEL PILE		300	LF	\$ 37,500.00
65013	CONCRETE CLASS A3	FUEL	119	CY	\$ 108,885.00
65200	REINFORCING STEEL		17903	LB	\$ 25,064.20
66922	NS BRIDGE SUBSTR (MSE WALL)		11542	SF	\$ 1,096,490.00
13463*	MOMENT SLAB		47	CY	\$ 75,200.00
67900	DISMANTLE AND REMOVE EXIST STR		1	LS	\$ 440,000.00
60404	CONCRETE CLASS A4	FUEL	366.49	CY	\$ 1,136,119.00
62024	CONCRETE PARAPET, 42"		296	LF	\$ 88,800.00
62501*	BRICK FACING		1	LS	\$ 950,000.00
63001*	24" BORED STEEL CASING PIPE		218.5	LF	\$ 114,712.50
64011	STRUCTURE EXCAVATION	FUEL	3094	CY	\$ 201,110.00
64015	SELECT BACKFILL		12032	TN	\$ 661,760.00
64032	GEOCOMPOSITE WALL DRAIN		834.79	SY	\$ 12,521.85
64036	PIPE UNDERDRAIN 6"		250	LF	\$ 11,250.00
66921	NS BR SBSTR STND EXCAV 54" DIAMETER		2252.5	LF	\$ 2,703,000.00
66921	NS BR SBSTR 54" DIAMETER TEST SHAFT		116	LF	\$ 174,000.00
66924	NS BR SBSTR CROSS HOLE SONIC LOGGING/TIP		5	EA	\$ 7,500.00
66924	NS BR SBSTR 54" DIAM. LOAD TEST		1	EA	\$ 275,000.00
66921	NS BR SBSTR 12" DIAM MICROPILE		2900	LF	\$ 812,000.00
65013	CONCRETE CLASS A3	FUEL	1354.33	CY	\$ 1,354,330.00

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State Project 0064-965-229, Contract ID C00106689DB97

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Date: 10/24/2017

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
65200	REINFORCING STEEL		73294	LB	\$ 183,235.00
65211	CRR STEEL, CL I		145581	LB	\$ 436,743.00
67900	DISMANTLE AND REMOVE EXIST STR		1	LS	\$ 125,000.00
49013	VIBRATION CONTROL & MONITORING		1	LS	\$ 38,000.00
69012	TEMPORARY SUPPORT OF EXCAVATION		3094	SF	\$ 371,280.00
69902	NS BR. SUBSTR. MASONRY CLEAN/REPOINT/REPAIR		1	LS	\$ 1,410,000.00
68600	CONC SUPERSTRUCTURE SURF REPAIR		20	SY	\$ 22,000.00
68700*	SUPERSTRUCTURE CRACK REPAIR TY B (EPOXY INJ)		280	LF	\$ 56,000.00
69500	CONC SUBSTRUCTURE SURFACE REPAIR		20	SY	\$ 60,000.00
69600*	SUBSTRUCTURE CRACK REPAIR TY B (EPOXY INJ)		200	LF	\$ 30,000.00

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...).

4.8.3 PROPOSED MONTHLY PAYMENT SCHEDULE

The Lane Construction Corporation		I-64 Capacity Improvements - Segment III	
90 Fieldstone Court		Contract ID Number: C00106689DB97	
Cheshire, CT 06410		Proposed Monthly Payment Schedule	
Bid Date: October 24, 2017			
Month	Year	Monthly Draw	Cumulative Draw
November	2017	\$ -	\$ -
December	2017	\$ -	\$ -
January	2018	\$ 3,714,000	\$ 3,714,000
February	2018	\$ 4,887,000	\$ 8,601,000
March	2018	\$ 3,265,000	\$ 11,866,000
April	2018	\$ 1,618,000	\$ 13,484,000
May	2018	\$ 1,482,000	\$ 14,966,000
June	2018	\$ 8,363,000	\$ 23,329,000
July	2018	\$ 4,390,000	\$ 27,719,000
August	2018	\$ 10,232,000	\$ 37,951,000
September	2018	\$ 4,829,000	\$ 42,780,000
October	2018	\$ 2,914,000	\$ 45,694,000
November	2018	\$ 4,439,000	\$ 50,133,000
December	2018	\$ 5,085,000	\$ 55,218,000
January	2019	\$ 5,280,000	\$ 60,498,000
February	2019	\$ 4,925,000	\$ 65,423,000
March	2019	\$ 5,467,000	\$ 70,890,000
April	2019	\$ 5,464,000	\$ 76,354,000
May	2019	\$ 5,361,000	\$ 81,715,000
June	2019	\$ 5,250,000	\$ 86,965,000
July	2019	\$ 4,312,000	\$ 91,277,000
August	2019	\$ 4,151,000	\$ 95,428,000
September	2019	\$ 4,212,000	\$ 99,640,000
October	2019	\$ 3,172,000	\$ 102,812,000
November	2019	\$ 2,782,000	\$ 105,594,000
December	2019	\$ 2,599,000	\$ 108,193,000
January	2020	\$ 4,055,000	\$ 112,248,000
February	2020	\$ 5,352,000	\$ 117,600,000
March	2020	\$ 3,985,000	\$ 121,585,000
April	2020	\$ 3,733,000	\$ 125,318,000
May	2020	\$ 4,016,000	\$ 129,334,000
June	2020	\$ 5,066,000	\$ 134,400,000
July	2020	\$ 4,585,000	\$ 138,985,000
August	2020	\$ 4,585,000	\$ 143,570,000
September	2020	\$ 4,625,000	\$ 148,195,000
October	2020	\$ 3,708,000	\$ 151,903,000
November	2020	\$ 2,664,000	\$ 154,567,000
December	2020	\$ 3,448,000	\$ 158,015,000
January	2021	\$ 4,163,000	\$ 162,178,000
February	2021	\$ 4,068,000	\$ 166,246,000
March	2021	\$ 5,691,000	\$ 171,937,000
April	2021	\$ 5,691,000	\$ 177,628,000
May	2021	\$ 5,164,000	\$ 182,792,000

The Lane Construction Corporation		I-64 Capacity Improvements - Segment III	
90 Fieldstone Court		Contract ID Number: C00106689DB97	
Cheshire, CT 06410		Proposed Monthly Payment Schedule	
		Bid Date: October 24, 2017	
Month	Year	Monthly Draw	Cumulative Draw
June	2021	\$ 4,500,000	\$ 187,292,000
July	2021	\$ 4,011,000	\$ 191,303,000
August	2021	\$ 2,866,000	\$ 194,169,000
September	2021	\$ 2,492,362	\$ 196,661,362

4.8.4 PRICE ADJUSTMENT INFORMATION

EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT

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

August 9, 2013

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 64-22 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.

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

Exhibit 6.3(b)

Form C-16a
August 9, 2013

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
ASPHALT PRICE ADJUSTMENT (PG76-22 or PG 70-28)
DESIGN-BUILD PROJECTS**

INSTRUCTIONS - This form is to be completed and returned ONLY when asphalt concrete items containing PG 76-22 or PG 70-28 is being utilized on the project.

PROJECT NUMBER: C00106689DB97

DISTRICT: Hampton Roads

Bid Prices in this contract for items containing PG 76-22 or PG 70-28 asphalt cement were developed using an f.o.b.
price of \$ 522⁰⁰/₁₀₀ per IMPERIAL ton for PG 76-22 or PG 70-28. This quote is project specific.

Price quotes signed by each supplier from which the Design-Builder proposes to obtain PG 76-22 or PG 70-28 shall be maintained by the Design-Builder. These quotes shall be retained on site during the life of the Contract for review by the Engineer upon request.

DATE: October 24, 2017

SIGNATURE: _____



The Lane Construction Corporation

(Firm or Corporation)

L002

(Vendor No.)

**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: October 24, 2017

Signature: 

Design-builder: The Lane Construction Corporation

Vendor No.: L002

4.8.5 PROPOSAL GUARANTY

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE The Lane Construction Corporation As principal, and Liberty Mutual 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 18th Day of October, 20 17

WHEREAS, the above said principal is herewith submitting its proposal for: I-64 Capacity Improvements Segment III; PROJECT NUMBER: C00106689DB97 York County, VA

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

The Lane Construction Corporation
(Principal*)
By: Jay S. Cruickshank
(Officer, Partner or Owner) (Seal)
Jay S. Cruickshank
Executive Vice President
(Principal*) **General Counsel**

Liberty Mutual Insurance Company
(Surety Company)
By: Sandra Diaz
(Attorney-in-Fact**) (Seal)
Sandra Diaz, (Attorney-in-Fact)**
175 Berkeley Street, Boston, MA 02116
(Address)

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

By: _____
(Surety Company)

(Principal*)

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

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

By: _____
(Address)

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

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

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

**Attach copy of Power of Attorney

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7895600

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Vivian Carti; Cynthia Farrell; Debra A. Deming; Sandra Diaz; Peter Healy; Jennifer L. Jakaitis; Francesca Kazmierczak; Aklima Noorhassan; Edward Reilly; Frances Rodriguez; Nancy Schnee; Valorie Spates; Susan A. Welsh

all of the city of New York, state of NY each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 22nd day of September, 2017.



The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 22nd day of September, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 18th day of October, 2017.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



90 Fieldstone Court
 Cheshire, CT 06410-1212
 203-235-3351
 203-237-4280 Fax
www.laneconstruct.com

Resolution unanimously approved by the Board of Directors of The Lane Construction Corporation effective January 1, 2017:

VOTED: That effective January 1, 2017, rescinding all previous authorizations, the following be and hereby are authorized to sign proposals and bid bonds on behalf of this Corporation:

Robert E. Alger, President & Chief Executive Officer
Donald P. Dobbs, Executive Vice President Administration & Secretary
Mark J. Tomkalski, Executive Vice President & Chief Financial Officer
Kirk D Junco, Chief Operating Officer & Executive Vice President
David F. Benton, Executive Vice President Operational Services
Michael M. Cote, Executive Vice President & Chief Development Officer
Jay S. Cruickshank, Executive Vice President & General Counsel
Giuseppe Quarta, Executive Vice President
Dan A. Haynes, Vice President, Legal
Farid K. Hamad, Senior Vice President & Assistant Secretary
Joseph P. Lark, Senior Vice President & Assistant Secretary
David J. Rankin, Senior Vice President & Assistant Secretary
Mark A. Schiller, Senior Vice President & Assistant Secretary
Vincent J. Caiola, Vice President, Treasurer & Assistant Secretary
Thomas R. Larson, Vice President Engineering
Richard A. Bean, Senior District Manager
D. Kent Burris, Senior District Manager
Michael C. Cullik, Senior District Manager
George A. Hassfurter, Senior District Manager
Michael P. Holt, Senior District Manager
James O. Hughes, Senior District Manager
Rodney P. Lane, Senior District Manager
Dennis A. Luzier, Senior District Manager
Richard A. McDonough, Senior District Manager
Dennis B. O'Connor, Senior District Manager
Dyelan J. Phillips, Senior District Manager
Brian West, Senior District Manager
Louis S. D'Amico, General Manager NY Region
Dennis P. Bahls, District Manager
Paul K. Barry, District Manager
Kenneth P. Cates, District Manager
Chad M. Curran, District Manager
Christopher E. DuBois, District Manager
Gary F. Jerabek, District Manager
Kerry D. Kennedy, District Manager
Thomas C. Meador, District Manager
Jason P. McLear, District Manager
Kenneth K. Prince, District Manager
Brad A. Regner, District Manager
John F. Roddy, District Manager
James S. Seybert, District Manager
Jan A. Sherman, District Manager
Jeffrey P. Siddens, District Manager
David M. Horton, Assistant District Manager
Eric G. Ritchie, Assistant District Manager
Ryan C. Terry, Assistant District Manager
Matthew W. Wright, Assistant District Manager
David W. Grey, Senior National Pursuit Manager
Scott A. Leach, Director, Quality
Timothy R. Kessling, Chief Estimator
John F. Rauer, Jr., Senior Plant Manager
Thomas L. Barrack, Jr., Plant Manager
Timothy C. Gaddy, Plant Manager
Lonnie C. Minson, Operations Manager - Plants
Joseph J. Spring, Plant Manager

I hereby certify that the above is a true copy of the Resolution unanimously approved by the Board of Directors of The Lane Construction Corporation effective January 1, 2017, and that the above vote has not been rescinded and stands in full force and effect as of this date.


October 18, 2017
 Date


 Secretary, THE LANE CONSTRUCTION CORPORATION

State of Connecticut
 County of New Haven

October 18, 2017
 Date

Personally appeared before me, Donald P. Dobbs, Secretary, and made oath that the above is a true copy of the December 20, 2016 meeting minutes of the Board of Directors of The Lane Construction Corporation.


 Patricia A. Delekta, Notary Public
 My Commission Expires July 31, 2019

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: I-64 Capacity Improvements - Segment III

FHWA: NHPP-064-3 (498)

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

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

AFFIDAVIT

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

Signed at Fairfax, Virginia, this 24th day of October, 20 17

County (City), STATE

The Lane Construction Corporation
(Name of Firm)

By: [Signature] Senior District Manager
(Signature) Title (print)

STATE of Virginia COUNTY (CITY) of Fairfax

To-wit:

I Mary Shoemaker, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Richard McDonough

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 24th day of October, 20 17

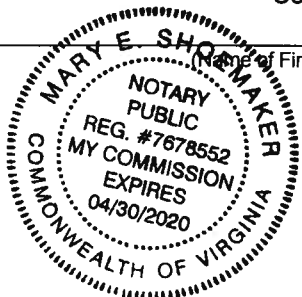
[Signature] My Commission expires 04/30/2020
Notary Public

**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 _____, 20 _____
County (City), STATE

By: _____
(Signature) Title (print)



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT:

FHWA:

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

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

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

NAME	Location of Principal Office
<u>VTCA</u>	<u>Richmond, VA</u>
<u>ARTBA</u>	<u>Washington, DC</u>
<u>AGC of America</u>	<u>Washington, DC</u>

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

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

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

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

(Continued)

ORDER NO.:
CONTRACT ID. NO.:

Form C-105
page 2

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

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

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

Signed at Fairfax, Virginia, this 24 day of October, 20 17
County (City), STATE

The Lane Construction Corporation By: [Signature] Senior District Manager
(Name of Firm) (Signature) Title (print)

STATE of Virginia COUNTY (CITY) of Fairfax

To-wit:

I Mary Shoemaker, a Notary Public in and for the State and
County(City) aforesaid, hereby certify that this day Richard McDonough

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 24th day of October, 20 17

[Signature]
Notary Public





14500 AVION PARKWAY
SUITE 200
CHANTILLY, VA 20151
703.222.5670

www.laneconstruct.com