

Design-Build Project for Route 29 Solutions Albemarle County, Virginia

State Project Nos.:

US 29 & Rio Road Grade Separated Intersection (0029-002-091)

US 29 Widening (0029-002-135)

Berkmar Drive Extension (9999-002-900)

Federal Project Nos.:

Design-Build Project for Route 29 Solutions: 5104(230)

Contract ID Number: C00077383DB80



Submitted to:



Submitted by:



In association with:



January 20, 2015

John Daoulas, PE
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, Virginia 23219

RE: Design-Build Project for Route 29 Solutions, Albemarle County, Virginia
State Project Nos.: US 29 Rio Road Grade Separated Intersection (0029-002-091),
US 29 Widening (0029-002-135), and Berkmar Drive Extension (9999-002-900)
Federal Project Nos.: Design-Build Project for Route 29 Solutions: 5104(230)
Contract ID Number: C00077383DB80

Dear Mr. Daoulas:

The LANE/Corman JV 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 October 2, 2014 and Addenda Nos. 1, 2, and 3. Our team's experience enables us to deliver the kind of high quality and technically-sound projects that VDOT has come to expect from us.

The LANE/Corman Team appreciates the opportunity to propose on this critically important project. We look forward to partnering with the Department to make the Route 29 Solutions project a landmark success for the citizens of Virginia.

Should you have any additional questions, I can be contacted by phone at (703) 222-5670 or e-mail at RAMcdonough@laneconstruct.com.

Respectfully submitted,



Richard A. McDonough
Senior National Pursuit Manager
The Lane Construction Corporation
Offeror's Point of Contact



Arthur C. Cox, III
Vice President
Corman Construction, Inc.



Section 4.8

Price Proposal

LANE

AND

 **CORMAN**
CONSTRUCTION

In association with:

RK&K

ATTACHMENT 3.6**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**CONTRACT ID NO.: C00077383DB80PROJECT NOS.: 0029-002-091, 0029-002-135, 9999-002-900**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 October 2, 2014 – RFP
(Date)
2. Cover letter of November 5, 2014 – RFP Addendum No. 1
(Date)
3. Cover letter of December 5, 2014 – RFP Addendum No. 2
(Date)
4. Cover letter of December 19, 2014 – RFP Addendum No. 3
(Date)



 SIGNATURE
January 20, 2015

DATE

Richard A. McDonough

PRINTED NAME

Sr. National Pursuits Manager

TITLE

ATTACHMENT 3.6**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**CONTRACT ID NO.: C00077383DB80PROJECT NOS.: 0029-002-091, 0029-002-135, 9999-002-900**ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA**

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(Date)
4. Cover letter of December 19, 2014 – RFP Addendum No. 3
(Date)



SIGNATURE

January 20, 2015

DATE

Arthur C. Cox III

PRINTED NAME

Vice President

TITLE

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: Design-Build Project for Route 29 Solutions
Contract ID Number: C00077383DB80**

➤ **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**
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Section 4.8.2

Schedule of Items

LANE AND

 **CORMAN**
CONSTRUCTION

In association with:

RK&K

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>13,700,000.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>96,546,000.00</u>
Quality Assurance (QA) (Construction), LS	\$ <u>3,000,000.00</u>
Quality Control (QC) (Construction), LS	\$ <u>3,500,000.00</u>

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

Lump Sum (LS): One Hundred Sixteen Million Seven Hundred
Forty Six Thousand Dollars (\$ 116,746,000.00)

Signature:  Date: January 20, 2015
The Lane Construction Corporation

Signature:  Date: January 20, 2015
Corman Construction, Inc.

Design-Builder: LANE/Corman JV

Vendor No.: JV067



Section 4.8.1

Price Proposal Form

LANE AND

 **CORMAN**
CONSTRUCTION

In association with:

RK&K

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
10000		PROJECT-WIDE COSTS	-		\$ -	\$ -		
10100	00104	PROJECT DESIGN	1	LS	\$ 13,700,000.00	\$ 13,700,000.00		
10200	25593	QUALITY CONTROL	1	LS	\$ 3,500,000.00	\$ 3,500,000.00		
10300	25595	QUALITY ASSURANCE	1	LS	\$ 3,000,000.00	\$ 3,000,000.00		
10400	00107	DRY UTILITY RELOCATION COSTS	1	LS	\$ -	\$ -		
10500	001071	Dry Utility Relocations - Rio Road Intersection	1	LS	\$ 3,200,000.00	\$ 3,200,000.00		
10600	001072	Dry Utility Relocations - Route 29 Widening	1	LS	\$ 4,500,000.00	\$ 4,500,000.00		
10700	001073	Dry Utility Relocations - Berkmar Drive	1	LS	\$ 225,000.00	\$ 225,000.00		
10800	00108	WET UTILITY RELOCATION COSTS	1	LS	\$ 5,500,000.00	\$ 5,500,000.00		
10900	00109	TEST PITS FOR UTILITY CONFLICTS	1	LS	\$ 90,000.00	\$ 90,000.00		
11000	28551	WETLAND MITIGATION CREDITS	1	LS	\$ 1,900,000.00	\$ 1,900,000.00		
11100	28553	ENVIRONMENTAL MONITORING	1	LS	\$ 12,000.00	\$ 12,000.00		
11120		LANDSCAPING REQUIREMENTS	1	LS	\$ 650,000.00	\$ 650,000.00		
11200	25505	CJV PROJECT OFFICE	1	LS	\$ 1,950,000.00	\$ 1,950,000.00		
11300	25508	VDOT FIELD OFFICE SP	1	LS	\$ 540,000.00	\$ 540,000.00		
11400	25561	FORMAL PARTNERING	1	LS	\$ 100,000.00	\$ 100,000.00		
11500	25565	PROGRESS SCHEDULE BASELINE	1	LS	\$ 20,000.00	\$ 20,000.00		
11600	00100	MOBILIZATION	1	LS	\$ 1,250,000.00	\$ 1,250,000.00		
11700	85130	PERFORMANCE AND PAYMENT BONDS	1	LS	\$ 1,100,000.00	\$ 1,100,000.00		
11750		INSURANCE	1	LS	\$ 3,100,000.00	\$ 3,100,000.00		
11800	00101	CONSTRUCTION SURVEYING (CONSTR.)	1	LS	\$ 750,000.00	\$ 750,000.00		
11900	24279	PORT.CHANGEABLE MESS. SIGN -REGIONAL	5	EA	\$ 19,000.00	\$ 95,000.00		
11950	25575	MEDIUM DUTY WRECKER	29	MO	\$ 3,500.00	\$ 101,500.00		
12000	51957	PORTABLE CCTV CAMERAS	12	EA	\$ 27,000.00	\$ 324,000.00		
20000		ROUTE 29 & RIO ROAD INTERSECTION	-		\$ -	\$ -		
20100	00110	CLEARING AND GRUBBING	1	LS	\$ 25,000.00	\$ 25,000.00		
20200	00120	REGULAR EXCAVATION	53,000	CY	\$ 18.00	\$ 954,000.00		Yes
20450	00580	UNDERDRAIN UD-1	2,585	LF	\$ 9.00	\$ 23,265.00		
20600	00588	UNDERDRAIN UD-4	4,519	LF	\$ 8.00	\$ 36,152.00		
20800	00591	COMB. UNDERDRAIN CD-2	202	LF	\$ 22.00	\$ 4,444.00		
20900	00595	OUTLET PIPE	96	LF	\$ 18.00	\$ 1,728.00		
21100	00700	POST INSTALLATION INSPECTION	5,962	LF	\$ 2.00	\$ 11,924.00		
21120	01122	12" CONC PIPE	36	LF	\$ 90.00	\$ 3,240.00		
21150	01152	15" CONC PIPE	863	LF	\$ 150.00	\$ 129,450.00		
21200	01182	18" CONC PIPE	2,141	LF	\$ 200.00	\$ 428,200.00		
21400	01242	24" CONC PIPE	1,403	LF	\$ 210.00	\$ 294,630.00		

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
21700	01362	36" CONC PIPE	1,427	LF	\$ 230.00	\$ 328,210.00		
21720	01422	42" CONC PIPE	92	LF	\$ 250.00	\$ 23,000.00		
22550	06815	DROP INLET, DI-3A	1	EA	\$ 4,200.00	\$ 4,200.00		
22600	06821	DROP INLET DI-3B	20	EA	\$ 5,200.00	\$ 104,000.00		
22620	06828	DROP INLET, DI-3BB	2	EA	\$ 6,800.00	\$ 13,600.00		
22650	06836	DROP INLET, DI-3C	2	EA	\$ 4,200.00	\$ 8,400.00		
22800	07506	DROP INLET DI-5	2	EA	\$ 4,700.00	\$ 9,400.00		
23000	08191	DROP INLET DI-10H (MB-7D)	13	EA	\$ 5,600.00	\$ 72,800.00		
23200	09056	MANHOLE MH-1 OR 2	300	VF	\$ 550.00	\$ 165,000.00		
23300	09057	MANHOLE MH-1 FRAME & COVER	37	EA	\$ 900.00	\$ 33,300.00		
23320		BMP #1	1	EA	\$ 300,000.00	\$ 300,000.00		
23330		BMP #2	1	EA	\$ 400,000.00	\$ 400,000.00		
23400	10128	AGGR. BASE MATL. TY. I NO. 21B	13,150	TON	\$ 20.00	\$ 263,000.00		Yes
23500	10610	ASPHALT CONCRETE TY. IM-19.0A	2,500	TON	\$ 80.00	\$ 200,000.00	Yes	Yes
23600	10628	FLEXIBLE PAVEMENT PLANING 0" -2"	32,687	SYI	\$ 3.50	\$ 114,404.50		Yes
23800	10608	ASPHALT CONCRETE TY. SM-12.5D	5,422	TON	\$ 98.00	\$ 531,356.00	Yes	Yes
23801	10608	ASPHALT CONCRETE TY. SM-12.5D Wedge & L	2,600	TON	\$ 105.00	\$ 273,000.00	Yes	Yes
23900	10642	ASPHALT CONCRETE TY.BM-25.0A	4,000	TON	\$ 78.00	\$ 312,000.00	Yes	Yes
24000	12030	STD. CURB CG-3	2,800	LF	\$ 18.00	\$ 50,400.00		
24100	12032	RADIAL CURB CG-3	400	LF	\$ 18.00	\$ 7,200.00		
24200	12700	STD. COMB. CURB & GUTTER CG-7	2,442	LF	\$ 20.00	\$ 48,840.00		
24300	12710	RAD. COMB. CURB & GUTTER CG-7	809	LF	\$ 20.00	\$ 16,180.00		
24400	13108	CG-12 DETECTABLE WARNING SURFACE	224	SY	\$ 350.00	\$ 78,400.00		
24500	13212	R/W MONUMENT RM-2	16	EA	\$ 25.00	\$ 400.00		
24600	13220	HYDR. CEMENT CONC. CLASS A3 SIDEWALK 4	1,910	SY	\$ 40.00	\$ 76,400.00		
25300	13540	RETAINING WALL CONC CLASS A3	425	CY	\$ 1,300.00	\$ 552,500.00		
25500	21020	MEDIAN STRIP MS-1	572	SY	\$ 80.00	\$ 45,760.00		
25600	21110	MEDIAN STRIP MS-1A	107	SY	\$ 125.00	\$ 13,375.00		
25800	13460	MB-7D BARRIER	1,465	LF	\$ 100.00	\$ 146,500.00		
25900	13465	MB-8A TYPE 1	80	LF	\$ 200.00	\$ 16,000.00		
25910	13466	MB-8A TYPE II	60	LF	\$ 225.00	\$ 13,500.00		
25920	13467	MB-8A TYPE III	60	LF	\$ 300.00	\$ 18,000.00		
26000	13462	MB-7F BARRIER	2,535	LF	\$ 110.00	\$ 278,850.00		
26050	13606	IMPACT ATTENUATOR (TL-2, 45 MPH MAX)	4	EA	\$ 25,000.00	\$ 100,000.00		
26100	24100	ALLAYING DUST	160	HR	\$ 65.00	\$ 10,400.00		
26200	24152	TYPE III BARRICADE 8'	16	EA	\$ 350.00	\$ 5,600.00		

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
26300	24160	CONSTRUCTION SIGNS	1,040	SF	\$ 18.00	\$ 18,720.00		
26400	24272	TRUCK MOUNTED ATTENUATOR	6,000	HR	\$ 18.00	\$ 108,000.00		
26500	24278	GROUP 2 CHANNELIZING DEVICES	400	EA	\$ 85.00	\$ 34,000.00		
26600	24279	PORT.CHANGEABLE MESS. SIGN	4	EA	\$ 25,000.00	\$ 100,000.00		
26700	24281	ELECTRONIC ARROW	6,000	HR	\$ 5.00	\$ 30,000.00		
26900	24283	POLICE PATROL	6,000	HR	\$ 80.00	\$ 480,000.00		
27000	24290	TRAFFIC BARRIER SER. CONC.	3,850	LF	\$ 45.00	\$ 173,250.00		
27020	10091	MOT - STONE 21A	19	TN	\$ 50.00	\$ 950.00		
27021	10644	MOT - ASPHALT BM-25.0	10	TN	\$ 225.00	\$ 2,250.00		
27022	10612	MOT - ASPHALT IM-19.0	6	TN	\$ 250.00	\$ 1,500.00		
27023	12507	MOT - ASPHALT CURB	250	LF	\$ 175.00	\$ 43,750.00		
27024	13241	MOT - ASPHALT SIDEWALK	25	TN	\$ 250.00	\$ 6,250.00		
27100	13605	IMPACT ATTEN SERV. TYPE 1A	3	EA	\$ 11,000.00	\$ 33,000.00		
27110	50009	MAINT OF TRAFFIC CREW	17	MO	\$ 45,000.00	\$ 765,000.00		
27200	24430	DEMO. OF PAVEMENT (FLEXIBLE)	25,350	SY	\$ 15.00	\$ 380,250.00		
27300	24801	NS REMOVE EXIST. DROP INLET ...	11	EA	\$ 700.00	\$ 7,700.00		
27400	24802	NS REMOVE EXIST. MANHOLE ...	21	EA	\$ 700.00	\$ 14,700.00		
27500	27012	TOPSOIL CLASS A 2"	1	ACRE	\$ 14,000.00	\$ 8,400.00		
27600	27101	TEMPORARY SEED	1	ACRE	\$ 6,000.00	\$ 6,000.00		
27700	27102	REGULAR SEED	522	LB	\$ 19.00	\$ 9,918.00		
27800	27103	OVERSEEDING	52	LB	\$ 4.00	\$ 208.00		
27900	27215	FERTILIZER(15-30-15)	2	TON	\$ 2,200.00	\$ 4,400.00		
28000	27250	LIME	8	TON	\$ 250.00	\$ 2,000.00		
28210	27405	STABILIZED CONSTRUCTION ENTRANCE	2	EA	\$ 3,000.00	\$ 6,000.00		
28500	27422	DEWATERING BASIN	2	EA	\$ 625.00	\$ 1,250.00		
28700	27451	INLET PROTECTION , TYPE A	16	EA	\$ 325.00	\$ 5,200.00		
28800	27461	INLET PROTECTION , TYPE B	55	EA	\$ 175.00	\$ 9,625.00		
28900	27505	TEMP. SILT FENCE	5,200	LF	\$ 2.00	\$ 10,400.00		
29100	50002	PERMANENT SIGNS	1	LS	\$ 1,000,000.00	\$ 1,000,000.00		
29200	51000	SIGNALIZATION	1	LS	\$ -	\$ -		
29300	51010	NEW SIGNALS - ROUTE 29 & RIO ROAD	1	LS	\$ 750,000.00	\$ 750,000.00		
29400	51020	TEMP SIGNALS - ROUTE 29 & RIO ROAD	1	LS	\$ 60,000.00	\$ 60,000.00		
29500	51030	NEW SIGNALS - RTE 29 & FASHION SQ/SHOPPI	1	LS	\$ 800,000.00	\$ 800,000.00		
29600	51040	REMOVE SIGNALS - ROUTE 29 & ALBEMARLE	1	LS	\$ 65,000.00	\$ 65,000.00		
29610	51050	NEW SIGNALS - RIO ROAD & BERKMAR DRIVE	1	LS	\$ 1,000,000.00	\$ 1,000,000.00		
29700	54075	TY.B CL.VI PAVE. LINE MARK. 4"	19,900	LF	\$ 3.50	\$ 69,650.00		

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
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Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
29850	54077	TY.B CL.VI PAVE. LINE MARK. 8"	4,300	LF	\$ 7.00	\$ 30,100.00		
29900	54078	TY.B CL.VI PAVE. LINE MARK. 12"	1,800	LF	\$ 10.00	\$ 18,000.00		
29950	54080	TY.B CL.VI PAVE. LINE MARK. 24"	1,250	LF	\$ 20.00	\$ 25,000.00		
30000	54079	TY.B CL.VI PAVE.LINE MARK.4"CONT	125	LF	\$ 10.00	\$ 1,250.00		
30200	54217	SNOW PLOW.RAISED PAVE.MARK. ASPH CON	300	EA	\$ 50.00	\$ 15,000.00		
30300	54300	PAVE.MESS.MARK.ELONG.ARROW SIN	38	EA	\$ 400.00	\$ 15,200.00		
30400	54400	PAVEMENT MESSAGE MARK. "ONLY"	15	EA	\$ 700.00	\$ 10,500.00		
30410	54105	ERAD. OF EXIST. PAVE. MARKING	8,112	LF	\$ 1.00	\$ 8,112.00		
30420	54403	NS PAVE. MESSAGE MARKING - CARD DIRECT	16	EA	\$ 700.00	\$ 11,200.00		
30430	54404	NS PAVE MESSAGE MARKING - ROUTE SHIELD	8	EA	\$ 2,500.00	\$ 20,000.00		
30500	54552	CONSTR.PAVE.MARK.(TY.F,CL.II)4"	29,100	LF	\$ 0.65	\$ 18,915.00		
30710	54240	TEMP. PAVE. MARKER 1 WAY	364	EA	\$ 13.00	\$ 4,732.00		
30800	55000	LIGHTING	1	LS	\$ -	\$ -		
30810	55010	PEDESTRIAN LIGHTING AT 29 & RIO RD	1	LS	\$ 65,000.00	\$ 65,000.00		
30820	55020	LIGHTING OF DEPRESSED ROADWAY RTE 29	1	LS	\$ 360,000.00	\$ 360,000.00		
30830	55030	UNDERBRIDGE LIGHTING AT RIO RD OVER RT	1	LS	\$ 725,000.00	\$ 725,000.00		
30840	55040	LIGHTING RTE. 29 LOCAL LANES	1	LS	\$ 175,000.00	\$ 175,000.00		
30900	60404	CONCRETE CLASS A4 SUPERSTRUCTURE	370	CY	\$ 725.00	\$ 268,250.00		Yes
31200	60490	BRIDGE DECK GROOVING	1,100	SY	\$ 3.50	\$ 3,850.00		
31300	61654	PREST.CONC. BOX BEAM 72'	48	EA	\$ 26,000.00	\$ 1,248,000.00		
31600	61701	CR RE.STEEL LOW CARBON\CHROMIUM	37,180	LB	\$ 2.40	\$ 89,232.00		
31700	61703	CR REINF. STEEL SOLID STAINLESS	131,175	LB	\$ 4.25	\$ 557,493.75		
31900	62043	RAILING, BR27C 3 RAILS	2,600	LF	\$ 460.00	\$ 1,196,000.00		
32000	62491	ELASTOMERIC EXPANS. DAM 0"-2"	216	LF	\$ 350.00	\$ 75,600.00		
32200	64005	SELECT MATL. TY. I MIN. CBR-30	500	TON	\$ 28.00	\$ 14,000.00		
32300	64011	STRUCTURE EXCAVATION	1,289	CY	\$ 175.00	\$ 225,575.00		
32400	64030	POROUS BACKFILL	100	CY	\$ 75.00	\$ 7,500.00		
32500	64036	PIPE UNDERDRAIN 6"	450	LF	\$ 18.00	\$ 8,100.00		
32600	64112	STEEL PILES	8,075	LF	\$ 225.00	\$ 1,816,875.00		
32700	64795	PILE POINT FOR 12" STEEL PILES	52	EA	\$ 135.00	\$ 7,020.00		
32800	64950	DRILLED SHAFTS	6,818	LF	\$ 275.00	\$ 1,874,950.00		
33100	65013	CONCRETE CLASS A3 SUBSTRUCTURE	1,241	CY	\$ 1,800.00	\$ 2,233,800.00		Yes
33200	65200	REINF. STEEL	158,250	LB	\$ 1.25	\$ 197,812.50		
50000		ROUTE 29 WIDENING	-		\$ -	\$ -		
50100	00110	CLEARING AND GRUBBING	1	LS	\$ 200,000.00	\$ 200,000.00		
50200	00120	REGULAR EXCAVATION	115,500	CY	\$ 24.00	\$ 2,772,000.00		Yes

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
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Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
50300	00515	TEMPORARY SHEETING - ROADWAY	1	LS	\$ 35,000.00	\$ 35,000.00		
50320	00212	MINOR STR EXCAV BOX CULV	2,813	CY	\$ 40.00	\$ 112,520.00		Yes
50330	00506	BEDDING BOX CULV #57	676	TON	\$ 40.00	\$ 27,040.00		
50350	00522	BOX CULVERT CONCRETE CLASS A4	259	CY	\$ 1,100.00	\$ 284,900.00		Yes
50400	00525	CONC CLASS A3 MISC	80	CY	\$ 1,600.00	\$ 128,000.00		
50420	00540	BOX CULVERT REINFORCING STEEL	21,100	LB	\$ 1.25	\$ 26,375.00		
50500	00585	UNDERDRAIN UD-2	9,785	LF	\$ 11.00	\$ 107,635.00		
50600	00588	UNDERDRAIN UD-4	19,560	LF	\$ 9.00	\$ 176,040.00		
50700	00590	COMB. UNDERDRAIN CD-1	357	LF	\$ 16.00	\$ 5,712.00		
50800	00591	COMB. UNDERDRAIN CD-2	480	LF	\$ 16.00	\$ 7,680.00		
50900	00595	OUTLET PIPE	270	LF	\$ 21.00	\$ 5,670.00		
51000	00596	ENDWALL EW-12	18	EA	\$ 700.00	\$ 12,600.00		
51100	00700	POST INSTALLATION INSPECTION	14,964	LF	\$ 2.50	\$ 37,410.00		
51120	01152	15" CONC PIPE	10,997	LF	\$ 70.00	\$ 769,790.00		
51200	01182	18" CONC PIPE	935	LF	\$ 75.00	\$ 70,125.00		
51400	01242	24" CONC PIPE	497	LF	\$ 95.00	\$ 47,215.00		
51600	01302	30" CONC PIPE	844	LF	\$ 500.00	\$ 422,000.00		
51720	01422	42" CONC PIPE	394	LF	\$ 1,100.00	\$ 433,400.00		
51900	01602	60" CONC PIPE	1,297	LF	\$ 2,800.00	\$ 3,631,600.00		
51950	06151	15" END SECTION ES-1	8	EA	\$ 1,200.00	\$ 9,600.00		
52000	06181	18" END SECTION ES-1	5	EA	\$ 1,400.00	\$ 7,000.00		
52100	06241	24" END SECTION ES-1	6	EA	\$ 1,500.00	\$ 9,000.00		
52200	06301	30" END SECTION ES-1	3	EA	\$ 1,600.00	\$ 4,800.00		
52310	06421	42" END SECTION ES-1	1	EA	\$ 3,000.00	\$ 3,000.00		
52400	06751	DROP INLET, DI-2B	4	EA	\$ 7,500.00	\$ 30,000.00		
52600	06821	DROP INLET DI-3B	67	EA	\$ 6,500.00	\$ 435,500.00		
52620	06838	DROP INLET DI-3C, L=12'	5	EA	\$ 6,500.00	\$ 32,500.00		
52810	07507	DROP INLET DI-5	9	EA	\$ 7,500.00	\$ 67,500.00		
53010	08400	DROP INLET DI-12	1	EA	\$ 9,500.00	\$ 9,500.00		
53120	27550	STORMWATER MANAGEMENT STR SWM-1	15	EA	\$ 25,000.00	\$ 375,000.00		
53200	09056	MANHOLE MH-1 OR 2	57	VF	\$ 600.00	\$ 34,200.00		
53300	09057	MANHOLE MH-1 FRAME & COVER	7	EA	\$ 1,100.00	\$ 7,700.00		
53400	10128	AGGR. BASE MATL. TY. I NO. 21B	44,925	TON	\$ 22.00	\$ 988,350.00		Yes
53500	10610	ASPHALT CONCRETE TY. IM-19.0A	11,300	TON	\$ 95.00	\$ 1,073,500.00	Yes	Yes
53501	10610	ASPHALT CONCRETE TY. IM-19.0A Wedge & Le	1,420	TON	\$ 100.00	\$ 142,000.00	Yes	Yes
53600	10628	FLEXIBLE PAVEMENT PLANING 0" -2"	34,000	SYI	\$ 3.50	\$ 119,000.00		Yes

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
53650	10635	ASPHALT CONCRETE TY. SM-9.5A	1,000	TON	\$ 100.00	\$ 100,000.00	Yes	Yes
53800	10608	ASPHALT CONCRETE TY. SM-12.5D	9,000	TON	\$ 103.00	\$ 927,000.00	Yes	Yes
53801	10608	ASPHALT CONCRETE TY. SM-12.5D Wedge & L	630	TON	\$ 108.00	\$ 68,040.00	Yes	Yes
53900	10642	ASPHALT CONCRETE TY.BM-25.0A	15,300	TON	\$ 90.00	\$ 1,377,000.00	Yes	Yes
53901	10642	ASPHALT CONCRETE BM-25.0A Wedge & Level	3,300	TON	\$ 95.00	\$ 313,500.00	Yes	Yes
53990	12020	STD. CURB CG-2	180	LF	\$ 18.00	\$ 3,240.00		
53991	12022	RADIAL CURB CG-2	30	LF	\$ 18.00	\$ 540.00		
54200	12700	STD. COMB. CURB & GUTTER CG-7	17,911	LF	\$ 20.00	\$ 358,220.00		
54300	12710	RAD. COMB. CURB & GUTTER CG-7	958	LF	\$ 20.00	\$ 19,160.00		
54400	13108	CG-12 DETECTABLE WARNING SURFACE	240	SY	\$ 425.00	\$ 102,000.00		
54500	13212	R/W MONUMENT RM-2	5	EA	\$ 25.00	\$ 125.00		
54600	13220	HYDR. CEMENT CONC. CLASS A3 SIDEWALK 4	1,220	SY	\$ 45.00	\$ 54,900.00		
54700	13315	GUARDRAIL TERMINAL GR-11	17	EA	\$ 1,600.00	\$ 27,200.00		
54800	13320	GUARDRAIL GR-2	4,535	LF	\$ 35.00	\$ 158,725.00		
55000	13345	ALT.BREAKAWAY CABLE TERM.(GR-9)	17	EA	\$ 4,000.00	\$ 68,000.00		
55300	13540	RETAINING WALL CONC CLASS A3	250	CY	\$ 1,200.00	\$ 300,000.00		
55600	21110	MEDIAN STRIP MS-1A	1,290	SY	\$ 125.00	\$ 161,250.00		
55700	21215	MEDIAN STRIP MS-2	7,400	LF	\$ 45.00	\$ 333,000.00		
56050	22643	FENCE FE-CL	4,335	LF	\$ 17.00	\$ 73,695.00		
56051	22581	CORNER BRACE UNIT FE-CL	43	EA	\$ 140.00	\$ 6,020.00		
56052	22676	GATE FE-CL L=12'	6	EA	\$ 1,000.00	\$ 6,000.00		
56100	24100	ALLAYING DUST	2,900	HR	\$ 65.00	\$ 188,500.00		
56200	24152	TYPE III BARRICADE 8'	11	EA	\$ 350.00	\$ 3,850.00		
56300	24160	CONSTRUCTION SIGNS	1,440	SF	\$ 18.00	\$ 25,920.00		
56400	24272	TRUCK MOUNTED ATTENUATOR	912	HR	\$ 18.00	\$ 16,416.00		
56500	24278	GROUP 2 CHANNELIZING DEVICES	175	EA	\$ 85.00	\$ 14,875.00		
56600	24279	PORT.CHANGEABLE MESS. SIGN	5	EA	\$ 25,000.00	\$ 125,000.00		
56700	24281	ELECTRONIC ARROW	912	HR	\$ 5.00	\$ 4,560.00		
56800	24282	FLAGGER SERVICE	120	HR	\$ 25.00	\$ 3,000.00		
56900	24283	POLICE PATROL	912	HR	\$ 85.00	\$ 77,520.00		
57000	24290	TRAFFIC BARRIER SER. CONC.	55,949	LF	\$ 30.00	\$ 1,678,470.00		
57030	13570	MOT - WIRE WALL	4,750	SF	\$ 28.00	\$ 133,000.00		
57100	13605	IMPACT ATTEN SERV. TYPE 1A	43	EA	\$ 5,000.00	\$ 215,000.00		
57110	50009	MAINT OF TRAFFIC CREW	6	MO	\$ 70,000.00	\$ 420,000.00		
57200	24430	DEMO. OF PAVEMENT (FLEXIBLE)	31,000	SY	\$ 13.00	\$ 403,000.00		
57300	24801	NS REMOVE EXIST. DROP INLET ...	1	EA	\$ 600.00	\$ 600.00		

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
57400	24802	NS REMOVE EXIST. MANHOLE ...	1	EA	\$ 600.00	\$ 600.00		
57500	27012	TOPSOIL CLASS A 2"	18	ACRE	\$ 5,300.00	\$ 95,930.00		
57600	27101	TEMPORARY SEED	28	ACRE	\$ 5,000.00	\$ 140,000.00		
57700	27102	REGULAR SEED	4,930	LB	\$ 18.00	\$ 88,740.00		
57800	27103	OVERSEEDING	493	LB	\$ 4.00	\$ 1,972.00		
57900	27215	FERTILIZER(15-30-15)	17	TON	\$ 2,200.00	\$ 37,400.00		
58000	27250	LIME	79	TON	\$ 250.00	\$ 19,750.00		
58200	27321	PROTECTIVE COVERING EC-2	3,705	SY	\$ 2.00	\$ 7,410.00		
58210	27405	STABILIZED CONSTRUCTION ENTRANCE	23	EA	\$ 3,000.00	\$ 69,000.00		
58300	27410	CHECK DAM, ROCK TY. I	22	EA	\$ 1,300.00	\$ 28,600.00		
58400	27415	CHECK DAM, ROCK TY. II	37	EA	\$ 340.00	\$ 12,580.00		
58500	27422	DEWATERING BASIN	10	EA	\$ 600.00	\$ 6,000.00		
58600	27430	SILTATION CONTROL EXCAVATION	675	CY	\$ 30.00	\$ 20,250.00		
58610	27432	TEMPORARY SEDIMENT TRAP	11	EA	\$ 800.00	\$ 8,800.00		
58620	27433	TEMPORARY DIVERSION DIKE	7,000	LF	\$ 5.00	\$ 35,000.00		
58700	27451	INLET PROTECTION , TYPE A	11	EA	\$ 325.00	\$ 3,575.00		
58800	27461	INLET PROTECTION , TYPE B	76	EA	\$ 175.00	\$ 13,300.00		
58900	27505	TEMP. SILT FENCE	28,300	LF	\$ 2.50	\$ 70,750.00		
59000	00010	E&S MAINTENANCE CREW	29	MO	\$ 22,000.00	\$ 638,000.00		
59100	50002	PERMANENT SIGNS	1	LS	\$ 450,000.00	\$ 450,000.00		
59200	51000	SIGNALIZATION	1	LS	\$ -	\$ -		
59300	51010	PED SIGNALS - ROUTE 29 & TOWNCENTER DR	1	LS	\$ 100,000.00	\$ 100,000.00		
59400	51020	NEW SIGNALS - RTE 29 & HOLLYMEADE DR	1	LS	\$ 475,000.00	\$ 475,000.00		
59500	51030	NEW SIGNALS - RTE 29 & ASHWOOD BLVD	1	LS	\$ 475,000.00	\$ 475,000.00		
59600	51040	TEMP SIGNALS - RTE 29 & ASHWOOD BLVD	1	LS	\$ 110,000.00	\$ 110,000.00		
59700	54075	TY.B CL.VI PAVE. LINE MARK. 4"	32,000	LF	\$ 3.50	\$ 112,000.00		
59900	54078	TY.B CL.VI PAVE. LINE MARK. 12"	1,250	LF	\$ 10.00	\$ 12,500.00		
59950	54080	TY.B CL.VI PAVE. LINE MARK. 24"	1,350	LF	\$ 20.00	\$ 27,000.00		
60200	54217	SNOW PLOW.RAISED PAVE.MARK. ASPH CON	550	EA	\$ 45.00	\$ 24,750.00		
60300	54300	PAVE.MESS.MARK.ELONG.ARROW SIN	32	EA	\$ 400.00	\$ 12,800.00		
60400	54400	PAVEMENT MESSAGE MARK. "ONLY"	11	EA	\$ 700.00	\$ 7,700.00		
60410	54105	ERAD. OF EXIST. PAVE. MARKING	70,000	LF	\$ 1.00	\$ 70,000.00		
60500	54552	CONSTR.PAVE.MARK.(TY.F,CL.II)4"	115,000	LF	\$ 0.75	\$ 86,250.00		
60710	54240	TEMP. PAVE. MARKER 1 WAY	1,493	EA	\$ 13.00	\$ 19,409.00		
60800	55100	LIGHTING AT SIGNALIZED INTERSECTIONS	2	EA	\$ 125,000.00	\$ 250,000.00		
80000		BERKMAR DRIVE EXTENSION	-		\$ -	\$ -		

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
80100	00110	CLEARING AND GRUBBING	1	LS	\$ 400,000.00	\$ 400,000.00		
80200	00120	REGULAR EXCAVATION	268,000	CY	\$ 14.00	\$ 3,752,000.00		Yes
80400	00525	CONC CLASS A3 MISC	132	CY	\$ 850.00	\$ 112,200.00		
80500	00585	UNDERDRAIN UD-3	4,725	LF	\$ 11.00	\$ 51,975.00		
80600	00588	UNDERDRAIN UD-4	13,784	LF	\$ 9.00	\$ 124,056.00		
80700	00590	COMB. UNDERDRAIN CD-1	423	LF	\$ 15.00	\$ 6,345.00		
80800	00591	COMB. UNDERDRAIN CD-2	180	LF	\$ 15.00	\$ 2,700.00		
80900	00595	OUTLET PIPE	272	LF	\$ 21.00	\$ 5,712.00		
81000	00596	ENDWALL EW-12	6	EA	\$ 675.00	\$ 4,050.00		
81100	00700	POST INSTALLATION INSPECTION	11,054	LF	\$ 2.50	\$ 27,635.00		
81150	01152	15" CONC PIPE	6,967	LF	\$ 65.00	\$ 452,855.00		
81200	01182	18" CONC PIPE	2,092	LF	\$ 75.00	\$ 156,900.00		
81400	01242	24" CONC PIPE	593	LF	\$ 90.00	\$ 53,370.00		
81700	01362	36" CONC PIPE	139	LF	\$ 250.00	\$ 34,750.00		
81900	01602	60" CONC PIPE	818	LF	\$ 525.00	\$ 429,450.00		
81950	01842	84" CONC PIPE	419	LF	\$ 1,000.00	\$ 419,000.00		
82000	06181	18" END SECTION ES-1	27	EA	\$ 1,300.00	\$ 35,100.00		
82310	06740	DROP INLET, DI-1	8	EA	\$ 5,500.00	\$ 44,000.00		
82600	06821	DROP INLET DI-3B	48	EA	\$ 5,700.00	\$ 273,600.00		
82610	06828	DROP INLET, DI-3BB	11	EA	\$ 8,000.00	\$ 88,000.00		
82615	06836	DROP INLET DI-3C, L=8'	8	EA	\$ 5,200.00	\$ 41,600.00		
82620	06844	DROP INLET, DI-3CC	1	EA	\$ 9,000.00	\$ 9,000.00		
82850	07510	DROP INLET DI-7A	2	EA	\$ 6,500.00	\$ 13,000.00		
83200	09056	MANHOLE MH-1 OR 2	189	VF	\$ 450.00	\$ 85,050.00		
83300	09057	MANHOLE MH-1 FRAME & COVER	14	EA	\$ 1,100.00	\$ 15,400.00		
83330	09150	EROS CONTR STONE CL. I, EC-1	1,736	TON	\$ 65.00	\$ 112,840.00		
83340	09152	EROS CONTR STONE CL. II, EC-1	3,500	TON	\$ 75.00	\$ 262,500.00		
83400	10128	AGGR. BASE MATL. TY. I NO. 21B	24,000	TON	\$ 23.00	\$ 552,000.00		Yes
83500	10610	ASPHALT CONCRETE TY. IM-19.0A	5,500	TON	\$ 92.00	\$ 506,000.00	Yes	Yes
83600	10628	FLEXIBLE PAVEMENT PLANING 0" -2"	2,717	SYI	\$ 3.50	\$ 9,509.50		Yes
83650	10635	ASPHALT CONCRETE TY. SM-9.5A	4,720	TON	\$ 98.00	\$ 462,560.00	Yes	Yes
83900	10642	ASPHALT CONCRETE TY. BM-25.0A	9,600	TON	\$ 89.00	\$ 854,400.00	Yes	Yes
83990	12020	STD. CURB CG-2	12,250	LF	\$ 18.00	\$ 220,500.00		
83991	12022	RADIAL CURB CG-2	369	LF	\$ 18.00	\$ 6,642.00		
84100	12032	RADIAL CURB CG-3	285	LF	\$ 18.00	\$ 5,130.00		
84150	12600	STD. COMB. CURB & GUTTER CG-6	11,920	LF	\$ 20.00	\$ 238,400.00		

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90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
84151	12610	RAD. COMB. CURB & GUTTER CG-6	970	LF	\$ 20.00	\$ 19,400.00		
84400	13108	CG-12 DETECTABLE WARNING SURFACE	107	SY	\$ 425.00	\$ 45,475.00		
84410	12945	CONCRETE TRUCK APRON	414	SY	\$ 90.00	\$ 37,260.00		
84500	13212	R/W MONUMENT RM-2	55	EA	\$ 25.00	\$ 1,375.00		
84600	13220	HYDR. CEMENT CONC. CLASS A3 SIDEWALK 4	6,900	SY	\$ 45.00	\$ 310,500.00		
84700	13315	GUARDRAIL TERMINAL GR-11	2	EA	\$ 1,500.00	\$ 3,000.00		
84800	13320	GUARDRAIL GR-2	226	LF	\$ 35.00	\$ 7,910.00		
85000	13345	ALT.BREAKAWAY CABLE TERM.(GR-9)	2	EA	\$ 4,000.00	\$ 8,000.00		
85100	13392	FIXED OBJECT ATTACH. GR-FOA-1 TY. I	4	EA	\$ 4,100.00	\$ 16,400.00		
86050	22643	FENCE FE-CL	4,194	LF	\$ 17.00	\$ 71,298.00		
86051	22581	CORNER BRACE UNIT FE-CL	51	EA	\$ 140.00	\$ 7,140.00		
86052	22676	GATE FE-CL L=12'	9	EA	\$ 1,000.00	\$ 9,000.00		
86100	24100	ALLAYING DUST	2,400	HR	\$ 70.00	\$ 168,000.00		
86200	24152	TYPE III BARRICADE 8'	4	EA	\$ 350.00	\$ 1,400.00		
86300	24160	CONSTRUCTION SIGNS	160	SF	\$ 17.00	\$ 2,720.00		
86500	24278	GROUP 2 CHANNELIZING DEVICES	40	EA	\$ 85.00	\$ 3,400.00		
86600	24279	PORT.CHANGEABLE MESS. SIGN	2	EA	\$ 25,000.00	\$ 50,000.00		
86800	24282	FLAGGER SERVICE	40	HR	\$ 25.00	\$ 1,000.00		
87200	24430	DEMO. OF PAVEMENT (FLEXIBLE)	880	SY	\$ 15.00	\$ 13,200.00		
87300	24801	NS REMOVE EXIST. DROP INLET ...	1	EA	\$ 650.00	\$ 650.00		
87400	24802	NS REMOVE EXIST. MANHOLE ...	1	EA	\$ 650.00	\$ 650.00		
87500	27012	TOPSOIL CLASS A 2"	23	ACRE	\$ 4,500.00	\$ 103,500.00		
87600	27101	TEMPORARY SEED	54	ACRE	\$ 3,500.00	\$ 189,000.00		
87700	27102	REGULAR SEED	5,820	LB	\$ 18.00	\$ 104,760.00		
87800	27103	OVERSEEDING	582	LB	\$ 4.00	\$ 2,328.00		
87900	27215	FERTILIZER(15-30-15)	21	TON	\$ 2,000.00	\$ 42,000.00		
88000	27250	LIME	93	TON	\$ 250.00	\$ 23,250.00		
88200	27321	PROTECTIVE COVERING EC-2	5,000	SY	\$ 2.00	\$ 10,000.00		
88210	27405	STABILIZED CONSTRUCTION ENTRANCE	4	EA	\$ 3,000.00	\$ 12,000.00		
88300	27410	CHECK DAM, ROCK TY. I	19	EA	\$ 1,200.00	\$ 22,800.00		
88400	27415	CHECK DAM, ROCK TY. II	37	EA	\$ 350.00	\$ 12,950.00		
88500	27422	DEWATERING BASIN	6	EA	\$ 650.00	\$ 3,900.00		
88600	27430	SILTATION CONTROL EXCAVATION	655	CY	\$ 30.00	\$ 19,650.00		
88610	27432	TEMPORARY SEDIMENT TRAP	14	EA	\$ 800.00	\$ 11,200.00		
88620	27433	TEMPORARY DIVERSION DIKE	11,920	LF	\$ 5.00	\$ 59,600.00		
88700	27451	INLET PROTECTION , TYPE A	2	EA	\$ 325.00	\$ 650.00		

Lane - Corman, Joint Venture			Route 29 Solutions		Project No. 0029-002-091 US 29 & Rio Road Intersection			
90 Fieldstone Court			Bid Date January 20, 2015			Project No. 0029-002-135 US 29 Widening		
Cheshire, CT 06410			Schedule of Values		Project No. 999-002-900 Berkmar Drive Extension			
Sequence No.	VDOT Bid Item No.	Description	Estimated Quantity	Units	Unit Price	Extended Amount	Adjustment Item	
							Asphalt	Fuel
88800	27461	INLET PROTECTION , TYPE B	71	EA	\$ 175.00	\$ 12,425.00		
88900	27505	TEMP. SILT FENCE	23,300	LF	\$ 4.00	\$ 93,200.00		
89100	50002	PERMANENT SIGNS	1	LS	\$ 200,000.00	\$ 200,000.00		
89700	54075	TY.B CL.VI PAVE. LINE MARK. 4"	36,990	LF	\$ 4.00	\$ 147,960.00		
89850	54077	TY.B CL.VI PAVE. LINE MARK. 8"	40	LF	\$ 7.00	\$ 280.00		
89900	54078	TY.B CL.VI PAVE. LINE MARK. 12"	180	LF	\$ 11.00	\$ 1,980.00		
89950	54082	TY.B CL.VI PAVE. LINE MARK. 24"	240	LF	\$ 22.00	\$ 5,280.00		
90000	54079	TY.B CL.VI PAVE.LINE MARK.4"CONT	3,000	LF	\$ 9.00	\$ 27,000.00		
90200	54217	SNOW PLOW. RAISED PAVE.MARK. ASPH CON	490	EA	\$ 45.00	\$ 22,050.00		
90300	54300	PAVE.MESS.MARK.ELONG.ARROW SIN	12	EA	\$ 525.00	\$ 6,300.00		
90900	60404	CONCRETE CLASS A4 SUPERSTRUCTURE	1,400	CY	\$ 780.00	\$ 1,092,000.00		Yes
91000	60450	CONC. CL. A4 BRIDGE APPR. SLAB	66	CY	\$ 500.00	\$ 33,000.00		Yes
91100	60452	REINF. STEEL BRIDGE APPR. SLAB	16,900	LB	\$ 2.40	\$ 40,560.00		
91200	60490	BRIDGE DECK GROOVING	3,608	SY	\$ 3.50	\$ 12,628.00		
91300	61770	STR. STEEL PLATE GIRDER MATERIAL	1	LS	\$ 3,864,234.55	\$ 3,864,234.55		
91400	61760	STR. STEEL PLATE GIRDER ERECT	2,231,804	LB	\$ 0.30	\$ 669,541.20		
91500	61701	CR RE.STEEL LOW CARBON/CHROMIUM	315,000	LB	\$ 2.40	\$ 756,000.00		
91800	62043	RAILING, BR27C 3 RAILS	2,241	LF	\$ 375.00	\$ 840,375.00		
91900	62491	TOOTH EXPANSION DAM	106	LF	\$ 2,600.00	\$ 275,600.00		
92100	64005	SELECT MATL. TY. I MIN. CBR-30	3,510	TON	\$ 28.00	\$ 98,280.00		
92200	64011	STRUCTURE EXCAVATION	2,200	CY	\$ 50.00	\$ 110,000.00		
92300	64030	POROUS BACKFILL	81	CY	\$ 70.00	\$ 5,670.00		
92400	64036	PIPE UNDERDRAIN 6"	266	LF	\$ 20.00	\$ 5,320.00		
92500	64112	STEEL PILES	1,186	LF	\$ 125.00	\$ 148,250.00		
92600	64795	PILE POINT FOR 12" STEEL PILES	33	EA	\$ 100.00	\$ 3,300.00		
92700	64950	DRILLED SHAFTS	171	LF	\$ 8,000.00	\$ 1,368,000.00		
92800	64955	DRILLED SHAFTS REINF STEEL	61,100	LB	\$ 1.25	\$ 76,375.00		
92850	13810	RETAINING STRUCTURE	4,749	SF	\$ 100.00	\$ 474,900.00		
93000	65013	CONCRETE CLASS A3 SUBSTRUCTURE	1,878	CY	\$ 640.00	\$ 1,201,920.00		Yes
93100	65200	REINF. STEEL	295,020	LB	\$ 1.25	\$ 368,775.00		
93200	67400	DECK DRAINAGE SYSTEM	1	LS	\$ 75,000.00	\$ 75,000.00		
		BID TOTAL				\$ 116,746,000.00		



Section 4.8.3

Proposed Monthly Payment Schedule

LANE AND

 **CORMAN**
CONSTRUCTION

In association with:

RK&K

The Lane Construction Corporation		Route 29 Solutions	
90 Fieldstone Court		Bid Date January 20, 2015	
Cheshire, CT 06410		Proposed Monthly Payment Schedule	
Month	Year	Monthly Draw	Cumulative Draw
March	2015	\$ 7,484,000	\$ 7,484,000
April	2015	\$ 2,014,000	\$ 9,498,000
May	2015	\$ 2,423,000	\$ 11,921,000
June	2015	\$ 3,037,000	\$ 14,958,000
July	2015	\$ 3,253,000	\$ 18,211,000
August	2015	\$ 3,235,000	\$ 21,446,000
September	2015	\$ 6,337,000	\$ 27,783,000
October	2015	\$ 5,740,000	\$ 33,523,000
November	2015	\$ 5,868,000	\$ 39,391,000
December	2015	\$ 2,696,000	\$ 42,087,000
January	2016	\$ 2,025,000	\$ 44,112,000
February	2016	\$ 2,377,000	\$ 46,489,000
March	2016	\$ 1,938,000	\$ 48,427,000
April	2016	\$ 3,333,000	\$ 51,760,000
May	2016	\$ 4,810,000	\$ 56,570,000
June	2016	\$ 5,930,000	\$ 62,500,000
July	2016	\$ 12,703,000	\$ 75,203,000
August	2016	\$ 4,853,000	\$ 80,056,000
September	2016	\$ 5,011,000	\$ 85,067,000
October	2016	\$ 4,694,000	\$ 89,761,000
November	2016	\$ 2,454,000	\$ 92,215,000
December	2016	\$ 571,000	\$ 92,786,000
January	2017	\$ 740,000	\$ 93,526,000
February	2017	\$ 1,072,000	\$ 94,598,000
March	2017	\$ 2,086,000	\$ 96,684,000
April	2017	\$ 2,072,000	\$ 98,756,000
May	2017	\$ 2,963,000	\$ 101,719,000
June	2017	\$ 4,339,000	\$ 106,058,000
July	2017	\$ 3,011,000	\$ 109,069,000
August	2017	\$ 3,066,000	\$ 112,135,000
September	2017	\$ 3,194,000	\$ 115,329,000
October	2017	\$ 1,300,000	\$ 116,629,000
November	2017	\$ 117,000	\$ 116,746,000



Section 4.8.4

Part 3, Section 6.3 Adjustments to Asphalt, Fuel and Steel Prices

LANE AND

 **CORMAN**
CONSTRUCTION

In association with:

RK&K

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. 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 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 NUMBERS: 0029-002-091; 0029-002-135; 9999-002-900

DISTRICT: Culpeper

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 \$ 573.⁵⁰ 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: January 20, 2015

Signature(s)



The Lane Construction Corporation
(Firm or Corporation)



Corman Construction, Inc.
(Firm or Corporation)

JV067 (LANE/Corman JV)
(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.virginia.gov/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: January 20, 2015

Signature: 
The Lane Construction Corporation

Signature: 
Corman Construction, Inc.

Design-builder: LANE/Corman JV

Vendor No.: JV067

**EXHIBIT 6.3(d)
ADJUSTMENT FOR STEEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
PRICE ADJUSTMENT FOR STEEL
DESIGN-BUILD PROJECTS**

June 30, 2011

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

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in steel used on specific items of work identified in the Price Proposal/contract in accordance with this provision. Provided at the end of this provision is a master listing of standard bid items the Department has determined are eligible for steel price adjustment. Inventoried materials from the listing of eligible items are specifically excluded for consideration. In addition, concrete items where reinforcing steel is normally included in the unit bid price for the item such as (but not limited to) drop inlets, median barriers, sound barrier walls, bridge railing and parapets, are not eligible for consideration under this provision.

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

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

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

Price adjustment of each qualifying item under consideration will be subject to the following condition:

There is an increase or decrease in the cost of eligible steel materials in excess of 10 percent up to a maximum of 60 percent from the Base Price when compared with the latest published price index ("Price Index") in effect at the time material is shipped to the fabricator.

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

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

Price increase/decrease will be computed as follows:

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

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

The need for application of the adjustments herein to extra work will be determined by the Engineer on an individual basis and, if appropriate, will be specified on the Work Order.

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

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

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

FORM FOR PRICE ADJUSTMENT FOR ELIGIBLE STEEL ITEMS ON DESIGN-BUILD PROJECTS
Must be supplied with Price Proposal for Department Participation

(All prices to be supported by project-specific quotes)

DATE FOR RECEIPT OF PRICE PROPOSAL January 20, 2015

Note: All prices (costs) are to include any surcharges on materials quoted. Vendors must include this surcharge with their cost. All prices (costs) are F.O.B. from the originating mill.

Item Number	Item Description	Quantity	Unit	Unit Price	Supplier	Date of Quote
61812 61812	STR STEEL 2. GR. A709 6RS0W	2,050,438	LB	0.51	WAL STEEL STR.	JAN 13, 2015

We/I, the undersigned, understand that by supplying prices for the steel items listed above and signing this form we are declaring our desire to apply the Special Provision For Steel Adjustment for Design-Build Projects to this Price Proposal and contract. The terms and conditions for participation are as stated in the Special Provision For Steel Adjustment for Design-Build Projects.

LANE/Corman JV
Design-Builder

January 20, 2015
Date

Sample Calculation of a Price Adjustment (Increase)

Project bid on April 28, 2004.

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

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

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

Sample Calculation of a Price Adjustment (decrease)

Project bid on April 28, 2004.

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

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

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

MASTER LISTING

STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

March 18, 2009

BLS Series I. D.

ITEM NUMBER	ITEM DESCRIPTION	UNITS	Number WPU used in \$ adjust.
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00542	EPOXY COATED REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
11181	PATCH.HYDR.CEM.CONC. PAVE.	SY	101704
13290	GUARDRAIL GR-8 (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13292	GUARDRAIL GR-8A (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13294	GUARDRAIL GR-8B (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13310	GUARDRAIL TERMINAL GR-6 (NCHRP 350)	LF	avg. 1017 & 101
13320	GUARDRAIL GR-2	LF	avg. 1017 & 101
13323	GUARDRAIL GR-2A	LF	avg. 1017 & 101
13331	RAD. GUARDRAIL GR-2	LF	avg. 1017 & 101
13333	RAD. GUARDRAIL GR-2A	LF	avg. 1017 & 101
13335	GUARDRAIL GR-3	LF	avg. 1017 & 101
13341	GUARDRAIL TER. GR-6(WEATHERING STEEL	LF	avg. 1017 & 101
13351	GUARDRAIL GR-8	LF	avg. 1017 & 101
13352	GUARDRAIL GR-8A	LF	avg. 1017 & 101
13353	GUARDRAIL GR-8B	LF	avg. 1017 & 101
13355	GUARDRAIL GR-10	LF	avg. 1017 & 101
13421	MEDIAN BARRIER MB-3	LF	avg. 1017 & 101
13450	MEDIAN BARRIER MB-5	LF	avg. 1017 & 101
13451	MEDIAN BARRIER MB-5A	LF	avg. 1017 & 101
13452	MEDIAN BARRIER MB-5B	LF	avg. 1017 & 101
13545	REINF. STEEL	LB	101704
14502	REINFORCING STEEL	LB	101704
15290	PATCH.CEM.CONC.PAVE.TY.CRCP-A	SY	101704
15302	PATCH.CEM.CONC.PAVE. TY. II	SY	101704
15305	PATCH.CEM.CONC.PAVE.TY. IV-A	SY	101704
17323	GUARDRAIL BEAM *	LF	avg. 1017 & 101
17325	RADIAL GUARDRAIL BEAM *	LF	avg. 1017 & 101
17327	RUB RAIL	LF	avg. 1017 & 101
17353	CABLE GR-3	LF	avg. 1017 & 101
17521	GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17523	RADIAL GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17525	RUB RAIL (WEATHERING STEEL)	LF	avg. 1017 & 101
22501	FENCE FE-W1	LF	avg. 1017 & 101
22643	FENCE FE-CL	LF	avg. 1017 & 101
22645	FENCE FE-CL VINYL COATED	LF	avg. 1017 & 101
23043	WATER GATE FE-4 TY.III	LF	avg. 1017 & 101
23501	FENCE FE-W1 (FABRIC ONLY)	LF	avg. 1017 & 101
45522	4" STEEL ENCASE. PIPE	LF	101706
45532	6" STEEL ENCASE. PIPE	LF	101706
45562	16" STEEL ENCASE. PIPE	LF	101706

45572	18" STEEL ENCASE. PIPE	LF	101706
45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASUREMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
50402	SIGN POST STEEL 3"	LF	101706
50404	SIGN POST STEEL 4"	LF	101706
50406	SIGN POST STEEL 6"	LF	101706
50410	SIGN POST STEEL 10"	LF	101706
50412	SIGN POST STEEL 12"	LF	101706
50414	SIGN POST STEEL 14"	LF	101706
50416	SIGN POST STEEL 16"	LF	101706
50418	SIGN POST STEEL 18"	LF	101706
51317	SIG. POLE MP-1 20' ONE ARM 30'	EA	101706
51319	SIG. POLE MP-1 20' ONE ARM 32'	EA	101706
51325	SIG. POLE MP-1 20' ONE ARM 38'	EA	101706
51327	SIG. POLE MP-1 20' ONE ARM 40'	EA	101706
51329	SIG. POLE MP-1 20' ONE ARM 42'	EA	101706
51331	SIG. POLE MP-1 20' ONE ARM 44'	EA	101706
51337	SIG. POLE MP-1 20' ONE ARM 50'	EA	101706
51339	SIG. POLE MP-1 20' ONE ARM 52'	EA	101706
51341	SIG. POLE MP-1 20' ONE ARM 54'	EA	101706
51344	SIG. POLE MP-1 20' ONE ARM 56'	EA	101706
51346	SIG. POLE MP-1 20' ONE ARM 58'	EA	101706
51347	SIG. POLE MP-1 20' ONE ARM 60'	EA	101706
51348	SIG. POLE MP-1 20' ONE ARM 62'	EA	101706
51368	SIG.POLE MP-1 20'TWO ARMS 36'& 42'	EA	101706
51400	SIG.POLE MP-1 CO.LU.ONE ARM 38	EA	101706
51402	SIG.POLE MP-1 CO.LU.ONE ARM 40	EA	101706
51408	SIG.POLE MP-1 CO.LU.ONE ARM 46	EA	101706
51412	SIG.POLE MP-1 CO.LU.ONE ARM 50	EA	101706
51414	SIG.POLE MP-1 CO.LU.ONE ARM 52	EA	101706
51416	SIG.POLE MP-1 CO.LU.ONE ARM 54	EA	101706
51418	SIG.POLE MP-1 CO.LU.ONE ARM 56	EA	101706
51420	SIG.POLE MP-1 CO.LU.ONE ARM 58	EA	101706
51422	SIG.POLE MP-1 CO.LU.ONE ARM 60	EA	101706
55162	LIGHTING POLE LP-1 30'-4'	EA	101706
55163	LIGHTING POLE LP-1 30'-6'	EA	101706
55166	LIGHTING POLE LP-1 30'-12'	EA	101706
55169	LIGHTING POLE LP-1 35'-6'	EA	101706
55171	LIGHTING POLE LP-1 35'-10'	EA	101706
55176	LIGHTING POLE LP-1 40'-8'	EA	101706
55185	LIGHTING POLE LP-2 TYPE A	EA	101706
55186	LIGHTING POLE LP-2 TYPE B	EA	101706
55187	LIGHTING POLE LP-2 TYPE C	EA	101706
55188	LIGHTING POLE LP-2 TYPE D	EA	101706
55189	LIGHTING POLE LP-2 TYPE E	EA	101706
55190	LIGHTING POLE LP-2 TYPE F	EA	101706
55192	LIGHTING POLE LP-2 TYPE H	EA	101706
60452	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
61700	REINF. STEEL	LB	101704
61704	CORROSION RESISTANT REINF. STEEL	LB	101704
61705	EPOXY COATED REINF. STEEL	LB	101704
61750	STRUCT.STEEL HIGH STRG.PLT.GIRDERS	LB	avg. 1017 & 101
61811	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61812	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61813	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS50W	LB	avg. 1017 & 101

61814	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS70W	LB	avg. 1017 & 101
61820	STR.STEEL ROLLED BEAM ASTM A709 GRADE 36	LB	avg. 1017 & 101
61821	STR.STEEL ROLLED BEAM ASTM A709 GRADE50	LB	avg. 1017 & 101
61822	STR.STEEL ROLLED BEAM ASTM A709 GRADE50W	LB	avg. 1017 & 101
61990	STEEL GRID FLOOR	SF	avg. 1017 & 101
64110	STEEL PILES 10"	LF	avg. 1017 & 101
64112	STEEL PILES 12"	LF	avg. 1017 & 101
64114	STEEL PILES 14"	LF	avg. 1017 & 101
64768	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101
64778	DRIVING TEST FOR 14" STEEL PILE	LF	avg. 1017 & 101
65200	REINF. STEEL	LB	101704
65204	CORROSION RESISTANT REINF. STEEL	LB	101704
65205	EPOXY COATED REINF. STEEL	LB	101704
67086	PED. FENCE 6'	LF	avg. 1017 & 101
67088	PED. FENCE 8'	LF	avg. 1017 & 101
67089	PED. FENCE 10'	LF	avg. 1017 & 101
68100	REINF. STEEL	LB	101704
68104	CORROSION RESISTANT REINF. STEEL	LB	101704
68105	EPOXY COATED REINF. STEEL	LB	101704
68107	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
68108	STR. STEEL PLATE GIRDER ASTM A709 GR50W	LB	avg. 1017 & 101
68109	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS50W	LB	avg. 1017 & 101
68110	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS70W	LB	avg. 1017 & 101
68112	STR.STEEL ROLLED BEAM ASTM A709 GR.36	LB	avg. 1017 & 101
68113	STR.STEEL ROLLED BEAM ASTM A709 GR.50	LB	avg. 1017 & 101
68114	STR.STEEL ROLLED BEAM ASTM A709 GR. 50W	LB	avg. 1017 & 101
68115	STRUCT. STEEL	LB	avg. 1017 & 101
68270	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
69060	SHEET PILES, STEEL	SF	avg. 1017 & 101
69100	REINF. STEEL	LB	101704
69104	CORROSION RESISTANT REINF. STEEL	LB	101704
69105	EPOXY COATED REINF. STEEL	LB	101704
69110	STEEL PILES 10"	LF	avg. 1017 & 101
69112	STEEL PILE 12"	LF	avg. 1017 & 101
69113	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101

I elect to use this provision

I elect not to use this provision

Date: January 20, 2015

Signature: 
 The Lane Construction Corporation

Signature: 
 Corman Construction, Inc.

Design-Builder: LANE/Corman JV

Vendor No.: JV067



Section 4.8.5

Price Proposal Guaranty

LANE

AND

 **CORMAN**
CONSTRUCTION

In association with.

RK&K

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Lane/Corman, JV As
principal, and Zurich American Insurance Company and Fidelity and Deposit Company of Maryland 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 7th Day of January, 20 15

WHEREAS, the above said principal is herewith submitting its proposal for: Route 29 Solutions (UPC 106136,
PROJECT NUMBER: C00077383DB80 106137, 106138, 77383)

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.

By: J. M. Ferrell
(Principal*)
(Officer, Partner or Owner) (Seal)

J. M. FERRELL
EXEC. VICE PRESIDENT
A. CFO

By: Theresan E. Rowedder
(Surety Company)
(Attorney-in-Fact**) (Seal)
Theresan E. Rowedder, Attorney-in-Fact
1400 American Lane, Schaumburg, IL 60196-1056
(Address)

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

By: Liberty Mutual Insurance Company
(Surety Company)
Theresan E. Rowedder
(Attorney-in-Fact**) (Seal)

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

By: 175 Berkeley Street, Boston, MA 02116
(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

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Kevin A. WHITE, Mark P. HERENDEEN, Jean CORREIA, Maria CHAVES, Theresan E. ROWEDDER, Bryan HUFT, Jeffrey HENDRICKS and Jane GILSON, all of Boston, Massachusetts, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 30th day of May, A.D. 2013.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By:

Eric D. Barnes

*Assistant Secretary
Eric D. Barnes*

Thomas O. McClellan

*Vice President
Thomas O. McClellan*

State of Maryland
City of Baltimore

On this 30th day of May, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Assistant Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

*Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2015*



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. 6261521

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations 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, Brian Driscoll; Bryan Huft; Jane Gilson; Jean Correia; Jeffrey Hendricks; Kevin A. White; Maria Chaves; Mark P. Herendeen; Theresan E. Rowedder

all of the city of Boston state of MA 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 11th day of September 2013.



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

By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

STATE OF WASHINGTON ss
COUNTY OF KING

On this 11th day of September, 2013, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, 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 Seattle, Washington, on the day and year first above written.



By: KD Riley
KD Riley, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, 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 Gregory W. Davenport, 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, David M. Carey, the undersigned, Assistant Secretary, of American Fire and Casualty Company, 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 7th day of JANUARY, 2015.



By: David M. Carey
David M. Carey, 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
 203-237-4260 Fax
www.laneconstruct.com

Resolution unanimously approved by the Board of Directors of The Lane Construction Corporation effective May 22, 2014:

VOTED: That effective May 22, 2014, rescinding all previous authorizations, the following be and hereby are authorized to sign proposals and bid bonds on behalf of this Corporation:

- R. E. Alger, President & Chief Executive Officer
- D. P. Dobbs, Executive Vice President Administration & Secretary
- J. M. Ferrell, Executive Vice President & Chief Financial Officer
- K. D. Junco, Chief Operating Officer & Executive Vice President
- D. F. Benton, Executive Vice President Operational Services
- M. M. Cote, Executive Vice President & Chief Development Officer
- J. S. Cruickshank, Executive Vice President & General Counsel
- V. J. Caiola, Vice President, Treasurer & Assistant Secretary
- A. M. Falsey, Tax Director, Assistant Treasurer & Assistant Secretary
- J. P. Lark, Senior Vice President & Assistant Secretary
- D. J. Rankin, Senior Vice President & Assistant Secretary
- M. A. Schiller, Senior Vice President & Assistant Secretary
- T. R. Larson, Assistant Vice President, Engineering
- M. J. Tomkalski, Assistant Vice President & Controller
- R. A. Bean, Senior District Manager
- M. R. Hindt, Senior District Manager
- J. O. Hughes, Senior District Manager
- D. A. Luzier, Senior District Manager
- J. G. Brown, District Manager
- M. C. Cuiilik, District Manager
- C. M. Curran, District Manager
- D. J. Eudy, District Manager
- G. A. Hassfurter, District Manager
- G. F. Jerabek, District Manager
- R. P. Lane, District Manager
- J. P. McLear, District Manager
- D. B. O'Connor, District Manager
- R. L. Portley, District Manager
- K. K. Prince, District Manager
- J. F. Roddy, District Manager
- W. H. Tomlinson, District Manager
- K. P. Cates, Assistant District Manager
- C. E. DuBois, Assistant District Manager
- J. E. Kristensen, Assistant District Manager
- D. J. Phillips, Assistant District Manager
- E. G. Ritchie, Assistant District Manager
- J. A. Sherman, Assistant District Manager
- D. W. Grey, Senior National Pursuit Manager
- R. A. McDonough, Senior National Pursuit Manager
- R. Burton, Senior Plant Manager
- J. F. Rauer, Jr., Senior Plant Manager
- R. W. Herzig, Plant Manager
- B. A. Regner, 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 May 22, 2014, and that the above vote has not been rescinded and stands in full force and effect as of this date.

January 12, 2015
 Date

THE LANE CONSTRUCTION CORPORATION

DP Dobbs
 Secretary

State of Connecticut
 County of New Haven

January 12, 2015
 Date

Personally appeared before me, Dorald P. Dobbs, Secretary, and made oath that the above is a true copy of the May 22, 2014 meeting minutes of the Board of Directors of The Lane Construction Corporation.

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



Section 4.8.6

*Sworn Statement Forms (C-104, C-105),
Attachments 4.8.6 (a) and 4.8.6 (b)*

LANE AND

CORMAN
CONSTRUCTION

In association with:
RK&K

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0029-002-091, 0029-002-135, 9999-002-900

FHWA: Design-Build Project for Route 29 Solutions: 5104(230)

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 County, this 20th day of January, 20 15
County (City), STATE

The Lane Construction Corporation
(Name of Firm)

By: [Signature] Sr. National Pursuits Manager
(Signature) Title (print)

STATE of Virginia

COUNTY (CITY) of Fairfax County

To-wit:

I Michael L. Howes, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Richard A. 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 20th day of January, 20 15

[Signature] My Commission expires 31 May 2016

Notary Public

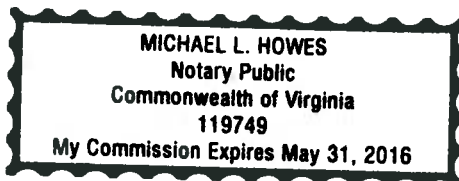
**OR
UNSWORN DECLARATION**

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

(Name of Firm)

By: _____
(Signature) Title (print)



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT: 0029-002-091, 0029-002-135, 9999-002-900

FHWA: Design-Build Project for Route 29 Solutions: 5104(230)

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 County, Virginia, this 20th day of January, 20 15

County (City), STATE

The Lane Construction Corporation
(Name of Firm)

By: *[Signature]* Sr. National Pursuits Manager
(Signature) Title (print)

STATE of Virginia

COUNTY (CITY) of Fairfax County

To-wit:

I Michael L. Howes, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Richard A. McDonough

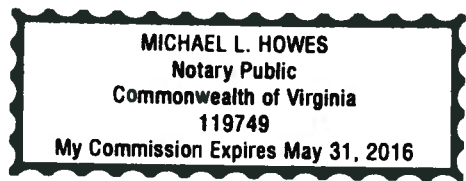
personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 20th day of January, 20 15

[Signature]

My Commission expires 31 May 2016

Notary Public



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0029-002-091, 0029-002-135, 9999-002-900

FHWA: Design-Build Project for Route 29 Solutions: 5104(230)

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 County, Virginia, this 20th day of January, 20 15

Corman Construction, Inc. County (City), STATE
(Name of Firm) By: [Signature] Vice President
(Signature) Title (print)

STATE of Maryland COUNTY (CITY) of Anne Arundel County

To-wit: Michael L. Howes, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Arthur C. Cox, III

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 20th day of January, 20 15
[Signature] My Commission expires 31 May 2016

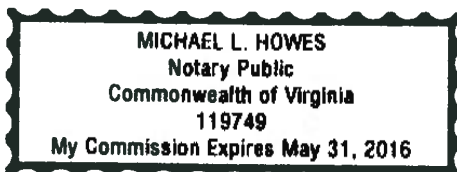
Notary Public

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



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT: 0029-002-091, 0029-002-135, 9999-002-900

FHWA: Design-Build Project for Route 29 Solutions: 5104(230)

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
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Signed at Fairfax County, Virginia, this 20~~th~~ day of January, 20 15

Corman Construction, Inc. County (City), STATE
(Name of Firm) By: *Alex* Vice President
(Signature) Title (print)

STATE of Maryland COUNTY (CITY) of Anne Arundel County

To-wit: Michael L. Howes, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Arthur C. Cox III

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 20th day of January, 20 15

[Signature] My Commission expires 31 May 2016
Notary Public

