

Original



I-66 Eastbound Widening Inside the Beltway
DESIGN - BUILD



Price Proposal
November 2017

Led by:



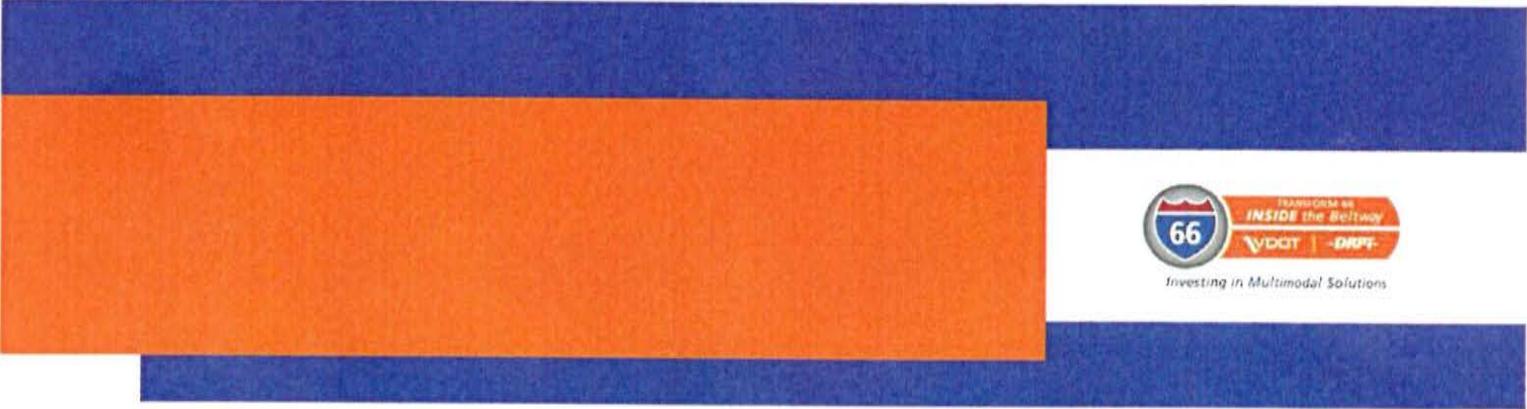
In association with:



State Project No. 0066-96A-417, P101, R201, C501 | FHWA Project No. NHPP-066-1(365)
Contract ID No. C00108424DB92

Section 4.0.1.2

Price Proposal Checklist



ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: I-66 Eastbound Widening Inside the Beltway
Contract ID Number: C00108424DB92**

➤ **Contents of Price Proposal:**

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Attachment 4.8.1)**
 - Schedule of Items itemized in accordance with Part 1, Section 4.8.2, including material quantities and costs of each proposed work package**
 - Proposed Monthly Payment Schedule showing the anticipated schedule on which funds will be required and associated value of work in accordance with Part 1, Section 4.8.3**
 - Price Adjustment Information and Forms for Fuel and Asphalt, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
 - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
 - Sworn Statement Forms (C-104, C-105, Attachments 4.8.6(a) and 4.8.6(b))**
 - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
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ATTACHMENT 3.6**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFP NO. C00108424DB92
 PROJECT NO.: NHPP-066-1(356)

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFP – April 7, 2017
(Date)
2. Cover letter of Addendum #1- June 1, 2017
(Date)
3. Cover letter of Addendum #2- July 11, 2017
(Date)
4. Cover letter of Addendum #3- August 21, 2017
(Date)
5. Cover letter of Addendum #4- September 6, 2017
(Date)

 11/01/17
 SIGNATURE DATE

GREGORY M ANDRIEW PRESIDENT & C.O.O
 PRINTED NAME TITLE

Section 4.8.1

Price Proposal Form



Price Proposal
November 2017

WAGMAN
General Construction | Heavy Civil | Geotechnical

JMT

VOLKERT

FMC FORT MYER
CONSTRUCTION

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;

A. Base Scope

Design Services, LS	\$ 13,995,000. ⁰⁰
Construction Services (exclude QA/QC), LS	\$ 67,574,135. ³⁰
Quality Assurance (QA) (Construction), LS	\$ 2,985,750. ⁰⁰
Quality Control (QC) (Construction), LS	\$ 5,489,600. ⁰⁰
All Other Costs, LS	\$ 7,942,050. ⁰⁰
Base Scope – Subtotal	\$ 97,986,535. ³⁰

B. Option 1

Design Services, LS	\$ 475,868. ¹⁰
Construction Services (exclude QA/QC), LS	\$ 8,389,796. ⁶⁰
Quality Assurance (QA) (Construction), LS	\$ 242,000. ⁰⁰
Quality Control (QC) (Construction), LS	\$ 517,000. ⁰⁰
All Other Costs, LS	\$ 108,800. ⁰⁰
Option 1 – Subtotal	\$ 9,733,464. ⁷⁰

Total Proposal Price (Base Scope Subtotal + Option 1 Subtotal); (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 AND SEVEN MILLION, SEVEN HUNDRED AND TWENTY THOUSAND DOLLARS AND NO/100'S (\$ 107,720,000.⁰⁰)

Signature:  Date: 11/01/17
Gregory M. Andricos, President/COO

Design-Builder: Wagman Heavy Civil, Inc.

Vendor No.: W002

**CERTIFICATE OF SECRETARY
OF
WAGMAN HEAVY CIVIL, INC.**

The Undersigned, being the Secretary of Wagman Heavy Civil, Inc., hereby certifies that the following Resolutions were adopted by unanimous consent of the Board of Directors on June 27, 2017 and that said Resolutions have not been amended, altered or revoked and that they remain in full force and effect:

RESOLVED, that the following individuals be hereby elected to serve in the offices set forth opposite their names, until the next regularly scheduled election of officers:

Chairman of the Board	Richard E. Wagman
Chief Executive Officer	Michael B. Glezer
President/COO	Gregory M. Andricos
Sr. Vice President	Todd E. Becker
Vice President – Design-Build/Major Pursuits, Mid-Atlantic	Anthony W. Bednarik
Vice President – Design-Build/Major Pursuits, Virginia Operations	David W. Lyle
Vice President/General Manager, Virginia Operations	Glen K. Mays
Vice President – Geotechnical Construction Services	Edward R. Laczynski
Sr. Vice President	Joseph G. Wagman
Sr. Vice President – CFO/Treasurer	John R. Coppage, IV
Sr. Vice President – Human Resources	William C. McCrudden
Vice President/General Counsel/Secretary	W. Edwin Jackson
Assistant Secretaries	Lisa W. Glezer
	Wanda S. Turner
	Jeanie P. Jones

FURTHER RESOLVED, that Richard E. Wagman, Michael B. Glezer, Gregory M. Andricos, Todd E. Becker, Anthony W. Bednarik, David W. Lyle, Glen K. Mays, and Edward R. Laczynski are each individually authorized and empowered to execute, acknowledge and deliver such documents, instructions and papers and perform such acts as may be legally, properly and reasonably required or necessary for the purpose of procuring and executing any bids, bid bonds and contracts on behalf of Wagman Heavy Civil, Inc.

Date: October 27, 2017

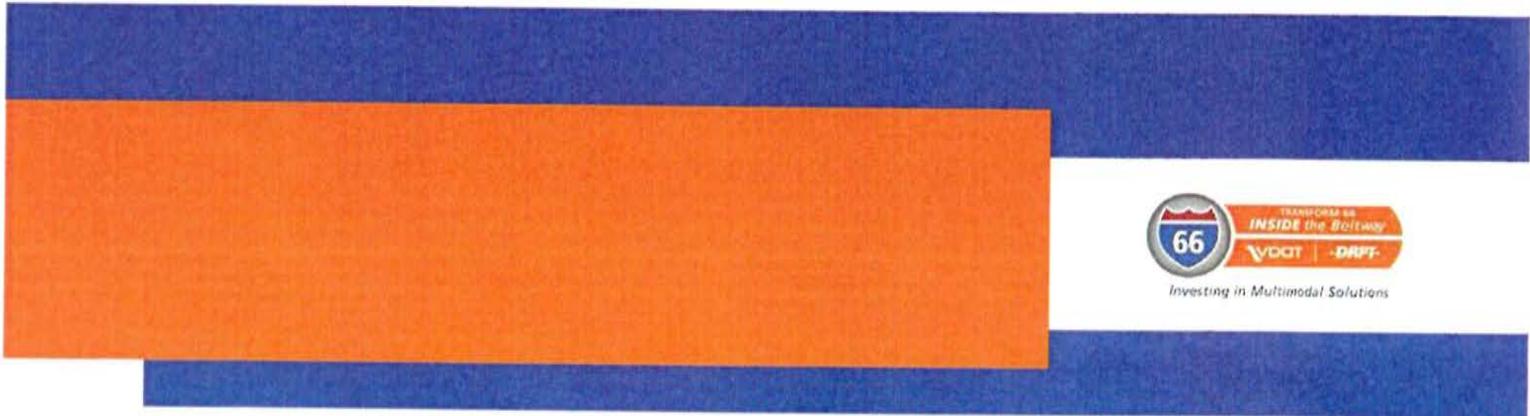


W. Edwin Jackson, Secretary



Section 4.8.2(a)

Schedule of Items (Base Scope)



Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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

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

Date: 1-Nov-17

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
	***HEADER - BASE BID				
	***HEADER - DESIGN SERVICES				
00104	DESIGN BUILD - DESIGN & ENGINEERING		1.00	LS	7,950,000.00
00104	DESIGN BUILD - GEOTECHNICAL INVESTIGATIONS		1.00	LS	560,000.00
00104	DESIGN BUILD - NOISE ANALYSIS		1.00	LS	565,000.00
00104	DESIGN BUILD - NOISE BARRIER FOUNDATION DESIGN		1.00	LS	160,000.00
00104	DESIGNBUILD - DESIGN MANAGEMENT		1.00	LS	1,325,000.00
00104	DESIGN BUILD - SCOPE VALIDATION		1.00	LS	340,000.00
00104	DESIGN BUILD - CONSTRUCTIBILITY REVIEW		1.00	LS	275,000.00
00104	DESIGN BUILD - DESIGN SERVICES DURING CONSTRUCTION		1.00	LS	475,000.00
00104	DESIGN BUILD - PERMITS		1.00	LS	75,000.00
00104	DESIGN BUILD - COMPENSATORY MITIGATION		1.00	LS	460,000.00
00104	DESIGN BUILD - RIGHT OF WAY		1.00	LS	760,000.00
00104	DESIGN BUILD - UTILITY RELOCATION DESIGN		1.00	LS	275,000.00
00104	DESIGN BUILD - TRANSPORTATION MANAGEMENT PLAN		1.00	LS	375,000.00
00104	DESIGN BUILD - PUBLIC OUTREACH		1.00	LS	400,000.00
	***HEADER - CONSTRUCTION QUALITY				
25593	CONSTRUCTION QC		1.00	LS	5,489,600.00
25593	CONSTRUCTION QA		1.00	LS	2,985,750.00
	***HEADER - GENERAL CONDITIONS				
00104	PARTNERING		1.00	LS	40,000.00
00100	MOBILIZATION		1.00	LS	5,350,000.00
85011	NS BONDS		1.00	LS	770,000.00
85011	NS INSURANCE		1.00	LS	581,100.00
25505	FIELD OFFICE TY. 1		1.00	LS	215,000.00
00101	CONSTRUCTION SURVEYING		1.00	LS	785,950.00
00106	VIBRATION MONITORING		1.00	LS	200,000.00
	***HEADER - UTILITY RELOCATIONS				
49013	NS UTILITIES - RELOCATION COORDINATION		1.00	LS	395,000.00
49013	NS UTILITIES - TEST PITTING		1.00	LS	175,000.00
49013	NS UTILITIES - RELOCATE VDOT POWER & COMM		1.00	LS	975,000.00
49013	NS UTILITIES - RELOCATE CCTV / VEHICLE DETECTORS		1.00	LS	40,000.00
49013	NS UTILITIES - AT&T COMM		1.00	LS	225,000.00
49013	NS UTILITIES - RELOCATE DOMINION POWER		1.00	LS	125,000.00
	***HEADER - CLEARING / EXCAVATION / PVMT REMOVAL				
00110	CLEARING		1.00	LS	975,000.00
00120	REGULAR EXCAVATION	F	32,956.00	CY	1,911,448.00
00128	EXTRA EXCAVATION	F	5,595.00	CY	615,450.00
	***HEADER - DRAINAGE / SWM / UDRRAIN				
00588	UNDERDRAIN UD-4		39,650.00	LF	475,800.00
00700	POST INSTALLATION INSPECTION		39,650.00	LF	79,300.00

Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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Date: 1-Nov-17

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00104	NS - EX. CONDITION PIPE ASSESSMENT		1.00	LS	35,000.00
01152	15" CONC. PIPE		2,374.00	LF	332,360.00
01182	18" CONC. PIPE		2,276.00	LF	341,400.00
01242	24" CONC. PIPE		19.00	LF	6,935.00
02089	15" PIPE REPAIR		2,004.00	LF	360,720.00
02089	18" PIPE REPAIR		2,060.00	LF	494,400.00
02089	24" PIPE REPAIR		1,717.00	LF	429,250.00
02089	30" PIPE REPAIR		434.00	LF	112,840.00
02089	36" PIPE REPAIR		1,256.00	LF	571,480.00
02089	36" X 48" PIPE REPAIR		95.00	LF	85,025.00
02089	42" PIPE REPAIR		106.00	LF	68,900.00
02089	48" PIPE REPAIR		378.00	LF	255,150.00
02089	60" PIPE REPAIR		508.00	LF	381,000.00
02089	72" PIPE REPAIR		752.00	LF	733,200.00
02110	NS FLUSH NEW STORM DRAIN		1.00	LS	115,000.00
00700	POST INSTALLATION INSPECTION		15,131.00	LF	34,044.75
07506	DROP INLET DI-5		6.00	EA	37,800.00
07508	DROP INLET DI-7		2.00	EA	13,200.00
08190	DROP INLET DI-10H		3.00	EA	17,700.00
08222	DROP INLET DI-10I		2.00	EA	11,800.00
08523	DROP INLET DI-14B		4.00	EA	26,800.00
08563	DROP INLET DI-14E		112.00	EA	672,000.00
08603	DROP INLET DI-14F		4.00	EA	25,600.00
09046	MH-1 OR MH-2		33.00	EA	95,700.00
09057	FRAME & COVER MH-1		33.00	EA	28,050.00
09185	PAVED DITCH, PG-2A		2,078.00	SY	155,850.00
27550	SWM-1		2.00	EA	54,500.00
02112	NS DRAINAGE - SWM BMP		3.00	EA	388,500.00
06151	15" ES-1		1.00	EA	950.00
09148	EROS. CONTR. STONE CL-A1 EC-1		66.00	TN	7,920.00
	***HEADER - SUBBSE / HMA / MILLING				
10011	HYDRAULIC CEMENT	F	2,152.00	TON	850,040.00
10020	CEM. STAB. AGGR BASE MATL TY I, NO. 21A	F	22,265.00	TON	1,447,225.00
10128	AGGR. BASE MATL. TY I, NO. 21B	F	2,934.00	TON	140,832.00
10251	NS AGGR.MATERIAL NO. 8 STONE	F	167.00	TON	15,865.00
16326	ASPH CONC TY. SM-4.75A	F, P	429.00	TON	96,525.00
16360	ASPH CONC TY. SM-12.5E (76-22 OR 64E)	F, P	15,498.00	TON	1,859,760.00
16365	ASPH CONC TY. IM-19.0A	F, P	15,303.00	TON	1,606,815.00
16390	ASPH CONC TY. BM-25.0A	F, P	25,130.00	TON	2,638,650.00
16522	FLEXIBLE PVMT PLANING 0"-2"		98,538.00	SY	788,304.00
16389	FLEX PVMT EDGE PLANING (MAINT) 6"D SHLDR REHAB		10,942.00	SY	164,130.00

Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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10643	NS ASPH. CONC. BM-25.0D SHLDR REHAB	F, P	2,728.00	TON	354,640.00
10608	NS ASPH. CONC. IM-19.0A SHLDR REHAB	F, P	1,314.00	TON	183,960.00
	***HEADER - CURB / WALK				
12020	CG-2 STD CURB		197.00	LF	5,122.00
13245	CONCRETE PAVEMENT, DECORATVIE WITH BANDS		8,515.00	SF	229,905.00
13245	PEDESTRIAN TRAIL DECORATIVE GRAVEL		8,892.00	SF	53,352.00
38920	NS CIP BENCHES		1.00	LS	25,000.00
	***HEADER - BARRIER WALL / GUARDRAIL / IMPACT ATT				
24600	REMOVE EX. BARRIER		12,732.00	LF	318,300.00
13485	MB-7A BARRIER WALL		141.00	LF	18,330.00
13462	MEDIAN BARRIER MB-7F		19,636.00	LF	3,534,480.00
13479	NS 54" BPPS-1 BARRIER		1,140.00	LF	501,600.00
13478	MEDIAN BARRIER MB-8A MODIFIED		725.00	LF	380,625.00
13477	MEDIAN BARRIER MB-12C		907.00	LF	317,450.00
24600	REMOVE EX. GUARDRAIL		5,500.00	LF	27,500.00
13280	GUARDRAIL GR-MGS1		2,936.00	LF	64,592.00
13286	GUARDRAIL TERMINAL GR-MGS2		2.00	EA	3,000.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		3.00	EA	6,300.00
13392	FIXED OBJ ATTACH. GR-FOA-2 TY. 1		5.00	EA	12,000.00
13393	FIXED OBJ ATTACH. GR-FOA-2 TY. 2		3.00	EA	7,200.00
13384	FIXED OBJ ATTACH. GR-FOA-1 TY. 1		1.00	EA	2,400.00
13288	GUARDRAIL HGHT TRANSITION GR-MGS4		10.00	EA	18,000.00
13401	NS SPECIAL DESIGN IMPACT ATTENUATOR		1.00	EA	19,500.00
	***HEADER - FENCE				
23600	NS FENCE		8,900.00	LF	169,100.00
23602	NS GATE		2.00	EA	4,900.00
	***HEADER - MAINTENANCE OF TRAFFIC				
24265	NS MAINTENANCE OF TRAFFIC		1.00	LS	1,500,000.00
24160	CONSTRUCTION SIGNS		5,364.00	SF	214,560.00
24272	TRUCK MOUNTED ATTENUATOR		12,944.00	HR	284,768.00
24278	GROUP 2 CHANNELIZING DEVICES		1.00	LS	49,650.00
24279	PORTABLE CHANGEABLE MESSAGE SIGN		65,520.00	HR	360,360.00
24281	ELECTRONIC ARROW		112,320.00	HR	224,640.00
24290	TRAFFIC BARRIER SER.CONC		48,243.00	LF	1,423,168.50
13710	NS IMPACT ATTENUATOR		34.00	EA	663,000.00
54240	TEMP STRIPING		1.00	LS	158,000.00
50006	ERAD. OF EXISTING PAVE MARKING		1.00	LS	64,000.00
54210	REM. EXIST RAISED PAVE MARKER		660.00	EA	11,880.00
	***HEADER - EROSION CONTROL				
27325	SOIL STABILIZATION MAT EC-3		11,319.00	SY	50,935.50
27318	SOIL STABILIZATION MAT EC-2		11,300.00	SY	39,550.00

Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
27410	CHECK DAM, ROCK		64.00	EA	34,560.00
27422	DEWATERING BASIN		20.00	EA	22,000.00
27430	SILTATION CONTROL EXCAVATION		300.00	CY	28,500.00
24265	NS MAINTENANCE OF E&S		1.00	LS	260,000.00
27451	INLET PROTECTION, TYPE A		264.00	EA	64,680.00
27461	INLET PROTECTION, TYPE B		1.00	EA	450.00
27462	INLET PROTECTION, TYPE C		1.00	EA	540.00
27505	TEMP. SILT FENCE		17,400.00	LF	65,250.00
27504	SUPER SILT FENCE		2,245.00	LF	26,940.00
85012	NS CONSTRUCTION ENTRANCE		66.00	EA	198,000.00
39004	NS SEED MIXTURE (TEMP SEED)		3,000.00	LB	24,000.00
	***HEADER - LANDSCAPING / SEEDING				
38950	NS LANDSCAPING		1.00	LS	1,495,000.00
27022	TOPSOIL CLASS B 2"		12.00	AC	234,000.00
27102	REGULAR SEED		3,000.00	LB	28,500.00
27103	OVER SEEDING		1,500.00	LB	14,250.00
27215	FERTILIZER (15-30-15)		8.00	TON	15,600.00
27250	LIME		54.00	TON	89,100.00
	***HEADER - SIGNALIZATION				
52000	NS SIGNALIZATION	P	1.00	LS	1,560,000.00
	***HEADER - LIGHTING				
59003	NS LIGHTING	P	1.00	LS	3,200,000.00
	***HEADER - ITS				
59060	NS ITS	P	1.00	LS	75,000.00
	***HEADER - SIGNAGE				
51952	NS SIGNAGE	P	1.00	LS	1,240,000.00
	***HEADER - STRIPING				
50003	STRIPING		1.00	LS	325,000.00
	***HEADER B675 I-66 EBL OVER WILLIAMSBURG BLVD				
60120	STRUCTURE EXCAVATION		506.00	CY	40,480.00
60210	TEMPORARY SHEET PILING		1,650.00	SF	123,750.00
60403	CONCRETE CLASS A3		68.00	CY	106,080.00
60404	CONCRETE CLASS A4		101.00	CY	158,570.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAB		66.00	CY	54,780.00
60452	REINF. STEEL BRIDGE APPR. SLAB		14,850.00	LB	17,820.00
60490	BRIDGE DECK GROOVING		429.00	SY	10,725.00
60500	EPOXY RESIN COATING		17.00	SY	2,210.00
61700	REINF. STEEL		5,340.00	LB	5,607.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		29,196.00	LB	151,819.20
68107	STR. STEEL PLATE GIRDER ASTM A709 GR 50		33,000.00	LB	130,350.00
62010	CONCRETE PARAPET		422.00	LF	145,590.00

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Date: 1-Nov-17

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
64005	SELECT MATL. TY 1 MIN. CBR-30		541.00	TON	24,345.00
64032	GEOCOMPOSITE DRAIN		20.00	SY	560.00
64030	POROUS BACKFILL		12.00	CY	1,380.00
64036	PIPE UNDER DRAIN 6"		22.00	LF	242.00
69740	CONCRETE SLAB SLOPE PROTECTION 4"		222.00	SY	39,960.00
68900	REM. PORT. OF EX. STR.		1.00	LS	165,000.00
64875	NS PILE (12" DIA. CONCRETE PILES) B675	P	1,560.00	LF	201,240.00
69500	CONCRETE SUBSTRUCTURE - SURFACE REPAIR		9.00	SY	8,550.00
62491	ELASTOMERIC EXPANSION DAM 0"-2"		144.00	LF	72,000.00
68166	ANCHOR BOLTS REPLACEMENT		3.00	EA	1,530.00
68170	CRACK REPAIR (DECK) TYPE A		21.00	LF	1,155.00
68172	CRACK REPAIRS TYPE B		137.00	LF	11,645.00
68312	H.E.S. PATCHING TYPE A		1.00	SY	1,400.00
68193	RESET EXISTING ROCKER EXPANSION BEARING		7.00	EA	40,600.00
68192	REPLACE BEARING		14.00	EA	231,000.00
68339	DECK SLAB CLOSURE		44.00	SY	61,600.00
68590	JACKING AND BLOCKING		14.00	EA	95,900.00
62201	WATERPROOFING		93.00	SY	3,720.00
62201	WATERPROOFING COATING		77.00	SY	2,926.00
	***HEADER B677 I-66 EBL OVER WESTMORELAND ST				
60120	STRUCTURE EXCAVATION		418.00	CY	33,440.00
60210	TEMPORARY SHEET PILING		1,173.00	SF	87,975.00
60403	CONCRETE CLASS A3		84.00	CY	131,040.00
60404	CONCRETE CLASS A4		1.00	LS	90,000.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAB		60.00	CY	49,800.00
60452	REINF. STEEL BRIDGE APPR. SLAB		13,500.00	LB	16,200.00
60490	BRIDGE DECK GROOVING		134.00	SY	6,700.00
60500	EPOXY RESIN COATING		23.00	SY	2,990.00
61700	REINF. STEEL		6,420.00	LB	6,741.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		25,406.00	LB	132,111.20
68107	STR. STEEL PLATE GIRDER ASTM A709 GR 50		40,000.00	LB	158,000.00
62010	CONCRETE PARAPET		307.00	LF	105,915.00
64005	SELECT MATL. TY 1 MIN. CBR-30		374.00	TON	16,830.00
64032	GEOCOMPOSITE DRAIN		26.00	SY	728.00
64030	POROUS BACKFILL		17.00	CY	1,955.00
64036	PIPE UNDER DRAIN 6"		28.00	LF	308.00
69740	CONCRETE SLAB SLOPE PROTECTION 4"		334.00	SY	60,120.00
68900	REM. PORT. OF EX. STR.		1.00	LS	90,000.00
64875	NS PILE (12" DIA. CONCRETE PILES) B677	P	980.00	LF	171,500.00
69500	CONCRETE SUBSTRUCTURE - SURFACE REPAIR		5.00	SY	4,750.00
62491	ELASTOMERIC EXPANSION DAM 0"-2"		190.00	LF	95,000.00

Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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

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Date: 1-Nov-17

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
68166	ANCHOR BOLTS REPLACEMENT		6.00	EA	3,120.00
68170	CRACK REPAIR (DECK) TYPE A		61.00	LF	3,355.00
68172	CRACK REPAIR (DECK) TYPE B		4.00	LF	340.00
68172	CRACK REPAIRS TYPE B		248.00	LF	22,320.00
68312	H.E.S. PATCHING TYPE A		1.00	SY	1,400.00
68193	RESET EXISTING ROCKER EXPANSION BEARING		4.00	EA	25,800.00
68192	REPLACE BEARING		14.00	EA	231,000.00
68339	DECK SLAB CLOSURE		71.00	SY	99,400.00
68590	JACKING AND BLOCKING		14.00	EA	95,900.00
62201	WATERPROOFING		127.00	SY	5,080.00
62201	WATERPROOFING COATING		95.00	SY	3,610.00
	***HEADER B678 I-66 EBL OVER N. SYCAMORE ST				
60120	STRUCTURE EXCAVATION		676.00	CY	54,080.00
60210	TEMPORARY SHEET PILING		3,316.00	SF	248,700.00
60403	CONCRETE CLASS A3		153.00	CY	238,680.00
60404	CONCRETE CLASS A4		1.00	LS	65,000.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAB		47.00	CY	39,010.00
60452	REINF. STEEL BRIDGE APPR. SLAB		10,500.00	LB	12,600.00
60490	BRIDGE DECK GROOVING		258.00	SY	6,450.00
60500	EPOXY RESIN COATING		22.00	SY	2,860.00
61700	REINF. STEEL		9,525.00	LB	10,001.25
61711	CORROSION RESISTANT REINF. STEEL CL.1		28,000.00	LB	145,600.00
68107	STR. STEEL PLATE GIRDER ASTM A709 GR 50		92,716.00	LB	366,228.20
62010	CONCRETE PARAPET		214.00	LF	73,830.00
64005	SELECT MATL. TY 1 MIN. CBR-30		928.00	TON	41,760.00
64032	GEOCOMPOSITE DRAIN		66.00	SY	1,848.00
64030	POROUS BACKFILL		45.00	CY	5,175.00
64036	PIPE UNDER DRAIN 6"		24.00	LF	264.00
85011	NS PEDESTRIAN SAFETY CANAPY		1.00	LS	30,000.00
68900	REM. PORT. OF EX. STR.		1.00	LS	85,000.00
85004	NS DRILLED SHAFT @ PIER		20.00	LF	36,000.00
64875	NS PILE (12" CONCRETE PILE) B678	P	512.00	LF	138,240.00
69500	CONCRETE SUBSTRUCTURE - SURFACE REPAIR		3.00	SY	2,850.00
62491	ELASTOMERIC EXPANSION DAM 0"-2"		121.00	LF	65,340.00
68312	H.E.S. PATCHING TYPE A		1.00	SY	1,400.00
68322	H.E.S. PATCHING TYPE B		1.00	SY	2,100.00
68340	EPOXY-MORTAR PATCHING		1.00	GAL	235.00
68170	CRACK REPAIR (DECK) TYPE A		993.00	LF	54,615.00
68172	CRACK REPAIR (DECK) TYPE B		151.00	LF	12,835.00
68172	CRACK REPAIR (SUBSTR) TYPE B		138.00	LF	11,040.00
68192	REPLACE BEARING		1.00	EA	8,500.00

Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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

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Date: 1-Nov-17

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
66740	CONCRETE BLOCK SLOPE PROTECTION		40.00	SY	18,400.00
15314	APPROACH SLAB REPAIR		3.00	SY	2,955.00
62201	WATERPROOFING		85.00	SY	3,400.00
62201	WATERPROOFING COATING		88.00	SY	3,344.00
	***HEADER B679 I-66 EBL OVER BON AIR PARK				
60120	STRUCTURE EXCAVATION		309.00	CY	55,620.00
60210	TEMPORARY SHEET PILING		2,900.00	SF	217,500.00
60403	CONCRETE CLASS A3		57.00	CY	88,920.00
60404	CONCRETE CLASS A4		1.00	LS	135,712.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAB		98.00	CY	81,340.00
60452	REINF. STEEL BRIDGE APPR. SLAB		21,780.00	LB	38,115.00
60490	BRIDGE DECK GROOVING		657.00	SY	16,425.00
60500	EPOXY RESIN COATING		14.00	SY	1,820.00
61700	REINF. STEEL		3,000.00	LB	3,150.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		38,336.00	LB	199,347.20
68107	STR. STEEL PLATE GIRDER ASTM A709 GR 50		13,500.00	LB	53,325.00
62010	CONCRETE PARAPET		246.00	LF	84,870.00
64005	SELECT MATL. TY 1 MIN. CBR-30		493.00	TON	22,185.00
64032	GEOCOMPOSITE DRAIN		27.00	SY	756.00
64030	POROUS BACKFILL		18.00	CY	2,070.00
64036	PIPE UNDER DRAIN 6"		10.00	LF	110.00
85011	NS PEDESTRIAN SAFETY CANAPY		1.00	LS	35,000.00
68900	REM. PORT. OF EX. STR.		1.00	LS	190,000.00
64875	NS PILE (12" DIA. CONCRETE PILES) B679	P	768.00	LF	161,280.00
69500	CONCRETE SUBSTRUCTURE - SURFACE REPAIR		1.00	SY	950.00
68170	CRACK REPAIR (DECK) TYPE A		90.00	LF	8,550.00
62201	WATERPROOFING		59.00	SY	2,360.00
62201	WATERPROOFING COATING		407.00	SY	15,466.00
	***HEADER B680 W & O.D. TRAIL OVER LEE HIGHWAY				
60120	STRUCTURE EXCAVATION		230.00	CY	32,200.00
60210	TEMPORARY SHEET PILING		1,020.00	SF	112,200.00
60403	CONCRETE CLASS A3		252.00	CY	393,120.00
60404	LIGHTWEIGHT CONCRETE		379.00	CY	435,850.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAB		47.00	CY	39,010.00
60452	REINF. STEEL BRIDGE APPR. SLAB		11,750.00	LB	14,100.00
61700	REINF. STEEL		3,900.00	LB	4,680.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		139,395.00	LB	724,854.00
68107	STR. STEEL PLATE GIRDER ASTM A709 GR 50		820,167.00	LB	2,050,417.50
62010	CONCRETE PARAPET		1,252.00	LF	131,460.00
64032	GEOCOMPOSITE DRAIN		34.00	SY	952.00
64030	POROUS BACKFILL		22.00	CY	2,530.00

Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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

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VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
67400	DECK DRAINAGE SYSTEM		1.00	LS	45,000.00
64036	PIPE UNDER DRAIN 6"		44.00	LF	484.00
64875	NS PILE (12" DIA. CONCRETE PILES) W&O.D.	P	3,878.00	LF	500,262.00
62021	NS RAILING V-SHAPED		1,254.00	LF	432,630.00
69835	EPOXY RESIN TYPE EP-3		53.00	SY	4,505.00
67260	NS BRIDGE LIGHTING		1.00	LS	65,000.00
62400	TOOTH EXPANSION JOINT, TOOTH THICKNESS 1.5"		44.00	LF	129,360.00
	***HEADER B681 BIKING & HIKING TRAIL OVER I-66				
60403	CONCRETE CLASS A3		21.00	CY	39,270.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		4,525.00	LB	23,530.00
68900	REM. PORT. OF EX. STR.		1.00	LS	98,000.00
85004	NS DRILLED SHAFT @ PIER		91.00	LF	65,065.00
	***HEADER B682 I-66 WBL OVER WILLIAMSBURG BLVD				
60404	CONCRETE CLASS A4		1.00	LS	56,045.00
60450	CONCRETECLASS A4 BRIDGE APP. SLAB		22.00	CY	18,260.00
60452	REINF. STEEL BRIDGE APP. SLAP		5,000.00	LB	6,000.00
60490	BRIDGE DECK GROOVING		160.00	SY	5,600.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		10,800.00	LB	56,160.00
62010	CONCRETE PARAPET		167.00	LF	57,615.00
68900	REM. PORT. OF EX. STR.		1.00	LS	115,000.00
	***HEADER B683 I-66 WBL OVER WESTMORELAND ST				
60404	CONCRETE CLASS A4		1.00	LS	66,000.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAP		19.00	CY	15,770.00
60452	REINF. STEEL BRIDGE APP. SLAB		4,167.00	LB	5,000.40
60490	BRIDGE DECK GROOVING		179.00	SY	5,370.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		12,600.00	LB	65,520.00
62010	CONCRETE PARAPET		227.00	LF	78,315.00
68900	REM. PORT. OF EX. STR.		1.00	LS	140,000.00
	***HEADER B684 I-66 WBL OVER BON AIR PARK				
60404	CONCRETE CLASS A4		1.00	LS	32,000.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAB		20.00	CY	16,600.00
40452	REINF. STEEL BRIDGE APP. SLAB		4,388.00	LB	5,265.60
60490	BRIDGE DECK GROOVING		67.00	SY	4,690.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		4,275.00	LB	22,230.00
62010	CONCRETE PARAPET		80.00	LF	27,600.00
68900	REM. PORT. OF EX. STR.		1.00	LS	42,000.00
	***HEADER RETAINING WALLS				
13570	NS WALL (MSE WALLS)		1.00	LS	495,000.00
13570	NS WALL (TOP DOWN)		9,988.00	SF	2,247,300.00
13570	NS WALL (RW3)		664.00	SF	182,600.00
13570	NS WALL (MOMENT SLAB)		1.00	LS	1,900,000.00

Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

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

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Date: 1-Nov-17

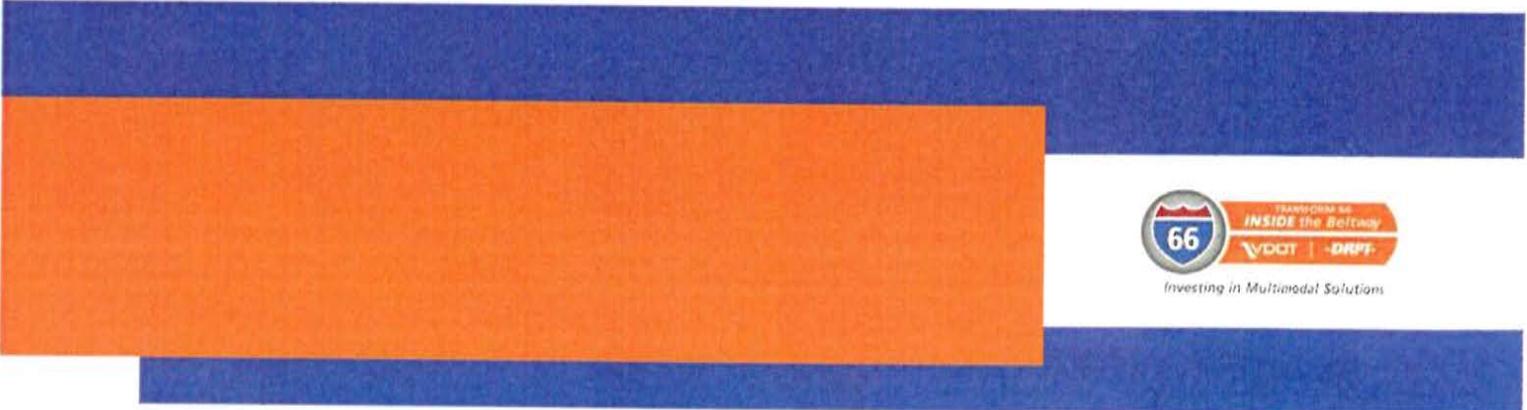
VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
	***HEADER NOISEWALLS				
13543	NS WALL (NOISE WALLS)		188,052.00	SF	7,898,184.00

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

Total	97,986,535.30
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Section 4.8.2(b)

Schedule of Items (Option 1)



Attachment 4.8.2

State Project 0066-96A-417, P101, R201, C501 & 0066-96A-493, P101, C501, B686

OPTION 1 SCHEDULE OF ITEMS (ver. 4-15-2014)

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Date: **1-Nov-17**

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
	***HEADER - OPTION 1 - I-66 EDA RAMP				
	***HEADER - DESIGN SERVICES, OPT #1				
00104	DESIGN SERVICES - OPTION #1		1.00	LS	475,868.10
	***HEADER - CONSTRUCTION QC, OPT #1				
25593	CONSTRUCTION QUALITY CONTROL		1.00	LS	517,000.00
25593	CONSTRUCTION QUALITY ASSURANCE, OPT #1		1.00	LS	242,000.00
	***HEADER - GENERAL CONDITIONS, OPT #1				
00101	CONSTRUCTION SURVEYING		1.00	LS	108,800.00
	***HEADER - UTILITY RELOCATIONS, OPT #1				
40012	ITS RELOCATION, OPT #1		1.00	LS	48,000.00
	VDOT COMM RELOCATION, OPT #1		1.00	LS	89,000.00
40012	VDOT POWER RELOCATION, OPT #1		1.00	LS	80,000.00
	***HEADER - CLEARING/EXC/PVMT REMOVAL, OPT #1				
00110	CLEARING, OPT #1		1.00	LS	140,000.00
00128	REGULAR EXCAVATION	F	11,169.00	CY	938,196.00
	***HEADER - DRAINAGE/SWM/UDRAIN, OPT #1				
00588	UNDERDRAIN UD-4		2,380.00	LF	26,180.00
00700	POST INSTALLATION INSPECTION		2,380.00	LF	4,760.00
01152	15" CONC. PIPE		70.00	LF	10,500.00
01242	24" CONC PIPE		150.00	LF	54,000.00
08500	DROP INLET DI-14A		2.00	EA	13,200.00
06240	24" ES-1		1.00	EA	1,100.00
09148	EROS. CONTR. STONE CL-A1 EC-1		120.00	TN	14,400.00
27550	SWM-1		1.00	EA	17,500.00
09046	MH-1 OR MH-2		1.00	EA	3,450.00
	***HEADER - SUBBASE/HMA/MILLING, OPT #1				
10011	HYDRAULIC CEMENT	F	6,227.00	SY	105,859.00
10020	CEM. STAB. AGGR. BASE MATL TY. 1, NO 21A	F	2,485.00	TON	161,525.00
16390	ASPH. CONC. TY. BM-25.0A	F, P	2,537.00	TON	266,385.00
16365	ASPH. CONC. TY. IM-19.0A	F, P	777.00	TON	81,585.00
16360	ASPH. CONC. TY. WM 12.5E (76-22 OR 64E)	F, P	9,663.00	TON	1,159,560.00
16522	FLEXIBLE PVMT PLANING 0"-2"		66,001.00	SY	528,008.00
	***HEADER - BARR WALL/GUARDRAIL/IMP ATTEN, OPT #1				
24600	REMOVE EX. BARRIER		584.00	LF	14,600.00
13485	MEDIAN BARRIER MB-7F		1,658.00	LF	315,020.00
13479	NS 54" BPPS-1 BARRIER		360.00	LF	158,400.00
24600	REMOVE EX. GUARDRAIL		920.00	LF	4,600.00
13280	GUARDRAIL GR-MGS1		1,088.00	LF	23,936.00
13287	GUARDRAIL END ANCH GR-MGS3		1.00	EA	2,100.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		1.00	EA	1,800.00
13605	STD. IMPACT ATTENUATOR TL-2		2.00	EA	39,000.00

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13604	STD. IMPACT ATTENUATOR TL-3		1.00	EA	15,000.00
13392	FIXED OBJECT ATTACH. GR-FOA-2, TY. 1		2.00	EA	4,800.00
13393	FIXED OBJECT ATTACH. GR-FOA-2, TY. 2		1.00	EA	2,400.00
	***HEADER - MOT, OPT #1				
24265	NS MAINTENANCE OF TRAFFIC		1.00	LS	150,000.00
24160	CONSTRUCTION SIGNS		2,088.00	SF	83,520.00
24272	TRUCK MOUNTED ATTENUATOR		2,200.00	HR	48,400.00
24278	GROUP 2 CHANNELIZING DEVICES		1.00	LS	23,000.00
24281	ELECTRONIC ARROW		3,168.00	HR	6,336.00
24290	TRAFFIC BARRIER SER.CONC		3,190.00	LF	94,105.00
13710	NS IMPACT ATTENUATOR		3.00	EA	58,500.00
54240	TEMP STRIPING		1.00	LS	14,500.00
50006	ERAD. OF EXISTING PAVE MARKING		1.00	LS	10,500.00
54210	REM. EXIST RAISED PAVE MARKER		187.00	EA	3,366.00
	***HEADER - EROSION CONTROL, OPT #1				
27325	SOIL STABILIZATION MAT EC-3		534.00	SY	2,403.00
24265	NS MAINTENANCE OF E&S		1.00	LS	42,000.00
27451	INLET PROTECTION, TYPE A		6.00	EA	1,470.00
27505	TEMPORARY SILT FENCE		3,000.00	LF	11,250.00
85012	NS CONSTRUCTION ENTRANCE		4.00	EA	12,000.00
39004	NS SEED MIXTURE (TEMP SEED)		500.00	LB	4,000.00
	***HEADER - LANDSCAPING/SEEDING, OPT #1				
38950	LANDSCAPING, OPT #1		1.00	LS	27,500.00
27022	TOPSOIL CLASS B 2"		2.00	AC	39,000.00
27102	REGULAR SEED		500.00	LB	4,750.00
27103	OVER SEED		250.00	LB	2,375.00
27215	FERTILIZER (15-30-15)		1.00	TN	1,950.00
27250	LIME		8.00	TN	13,200.00
	***HEADER - LIGHTING, OPT #1				
59003	LIGHTING, OPT #1	P	1.00	LS	121,150.00
	***HEADER - SIGNAGE, OPT #1				
51952	SIGNAGE, OPT #1	P	1.00	LS	1,151,688.00
	***HEADER - STRIPING, OPT #1				
50003	STRIPING, OPT #1		1.00	LS	32,000.00
	***HEADER B686 "OPT 1" I-66 EBL RAMP OVER RT. 7				
60120	STRUCTURE EXCAVATION		563.00	CY	45,040.00
60210	TEMPORARY SHEET PILING		1,622.00	SF	121,650.00
60403	CONCRETE CLASS A3		98.00	CY	152,880.00
60404	CONCRETE CLASS A4		1.00	LS	70,200.00
60450	CONCRETE CLASS A4 BRIDGE APP. SLAB		15.00	CY	12,450.00
60452	REINF. STEEL BRIDGE APPR. SLAB		3,333.00	LB	3,999.60

Attachment 4.8.2

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60490	BRIDGE DECK GROOVING		802.00	SY	20,050.00
60500	EPOXY RESIN COATING		19.00	SY	2,470.00
61700	REINF. STEEL		6,720.00	LB	7,056.00
61711	CORROSION RESISTANT REINF. STEEL CL.III		21,390.00	LB	111,228.00
68113	STR. STEEL ROLLED BEAM ASTM A709 GR 50		32,000.00	LB	126,400.00
62010	CONCRETE PARAPET		184.00	LF	63,480.00
64005	SELECT MATL. TY 1 MIN. CBR-30		441.00	TON	19,845.00
64032	GEOCOMPOSITE DRAIN		33.00	SY	924.00
64030	POROUS BACKFILL		22.00	CY	2,530.00
64036	PIPE UNDER DRAIN 6"		22.00	LF	242.00
69740	CONCRETE SLAB SLOPE PROTECTION 4"		106.00	SY	19,080.00
68900	REM. PORT. OF EX. STR.		1.00	LS	43,000.00
64875	NS PILE (12" DIA. CONCRETE PILES)	P	2,548.00	LF	318,500.00
69500	CONCRETE SUBSTRUCTURE - SURFACE REPAIR		4.00	SY	3,800.00
68172	CRACK REPAIRS TYPE B		9.00	LF	765.00
68312	H.E.S. PATCHING TYPE A		1.00	SY	1,400.00
68322	H.E.S. PATCHING TYPE B		1.00	SY	1,900.00
68339	DECK SLAB CLOSURE		15.00	SY	21,000.00
62201	WATERPROOFING		47.00	SY	1,880.00
62201	WATERPROOFING COATING		228.00	SY	8,664.00
68532	ADHESIVE BASED JOINT SEALER (CLASS I) - 2"		85.00	LF	6,375.00
68571	EXPANSION JOINT RECONSTRUCTION (HES)		61.00	LF	14,640.00
68313	TYPE A MILLING - 1/2"		601.00	SY	27,045.00
68644	TYPE A HYDRO-DEMOLITION 1-1/2"		601.00	SY	81,135.00
68616	PLACE LMC VES - 2"		601.00	SY	27,045.00
68619	FURNISH LMC VES - 2"		44.00	CY	32,560.00
	***HEADER - RETAINING WALLS, OPT #1				
13570	NS WALL (TOP DOWN) OPT #1		1,393.00	SF	612,920.00
	***HEADER - NOISEWALLS, OPT #1				
13543	NS WALL (NOISE WALLS)		2,948.00	SF	123,816.00

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

Total	9,733,464.70
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Section 4.8.3

Proposed Monthly Payment Schedule



**I-66 Eastbound Widening Inside the Beltway Design-Build Project
Base Scope**

Proposed Monthly Payment Schedule

2018		2019		2020		2021	
Month	Value	Month	Value	Month	Value	Month	Value
Jan-18	\$ 1,177,000.00	Jan-19	\$ 3,362,000.00	Jan-20	\$ 2,854,200.00	Jan-21	
Feb-18	\$ 1,527,000.00	Feb-19	\$ 3,362,000.00	Feb-20	\$ 2,854,200.00	Feb-21	
Mar-18	\$ 1,577,000.00	Mar-19	\$ 3,362,000.00	Mar-20	\$ 2,854,200.00	Mar-21	
Apr-18	\$ 1,377,000.00	Apr-19	\$ 3,362,000.00	Apr-20	\$ 2,854,200.00	Apr-21	
May-18	\$ 1,477,000.00	May-19	\$ 3,362,000.00	May-20	\$ 2,854,200.00	May-21	
Jun-18	\$ 3,752,000.00	Jun-19	\$ 3,362,000.00	Jun-20	\$ 2,854,200.00	Jun-21	
Jul-18	\$ 3,517,000.00	Jul-19	\$ 3,362,000.00	Jul-20	\$ 2,854,200.00	Jul-21	
Aug-18	\$ 3,355,935.30	Aug-19	\$ 4,289,200.00	Aug-20	\$ 2,854,200.00	Aug-21	
Sep-18	\$ 3,262,000.00	Sep-19	\$ 4,289,200.00	Sep-20	\$ 1,835,000.00	Sep-21	
Oct-18	\$ 3,262,000.00	Oct-19	\$ 2,854,200.00	Oct-20	\$ 1,835,000.00	Oct-21	
Nov-18	\$ 3,262,000.00	Nov-19	\$ 2,854,200.00	Nov-20		Nov-21	
Dec-18	\$ 3,262,000.00	Dec-19	\$ 2,854,200.00	Dec-20		Dec-21	
	\$ 30,807,935.30		\$ 40,675,000.00		\$ 26,503,600.00		\$ -

Total Payment Base Scope \$ 97,986,535.30

Option 1

Proposed Monthly Payment Schedule

2018		2019		2020		2021	
Month	Value	Month	Value	Month	Value	Month	Value
Jan-18		Jan-19		Jan-20		Jan-21	\$ 769,200.00
Feb-18		Feb-19		Feb-20		Feb-21	\$ 769,200.00
Mar-18		Mar-19		Mar-20		Mar-21	\$ 769,200.00
Apr-18		Apr-19		Apr-20		Apr-21	\$ 569,200.00
May-18		May-19		May-20		May-21	\$ 569,200.00
Jun-18		Jun-19		Jun-20		Jun-21	\$ 569,200.00
Jul-18		Jul-19		Jul-20		Jul-21	\$ 569,200.00
Aug-18		Aug-19		Aug-20		Aug-21	\$ 569,200.00
Sep-18		Sep-19		Sep-20	\$ 1,575,264.70	Sep-21	\$ 697,000.00
Oct-18		Oct-19		Oct-20	\$ 769,200.00	Oct-21	
Nov-18		Nov-19		Nov-20	\$ 769,200.00	Nov-21	
Dec-18		Dec-19		Dec-20	\$ 769,200.00	Dec-21	
	\$ -		\$ -		\$ 3,882,864.70		\$ 5,850,600.00

Total Payment Option 1 \$ 9,733,464.70

Total Payment Bas Scope & Option 1 \$ 107,720,000.00

Section 4.8.4

Price Adjustment Forms



EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT

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

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

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

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

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

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

Where: A = Asphalt Adjustment Dollar Amount
Q = Quantity of Asphalt Material put in place during the month
%AC = % of Asphalt Cement in the Asphalt Material as specified in the Job Mix Formula
IC = Numeric Dollar Difference, either positive or negative, between the Base Index and Current Index

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

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

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

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

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

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

Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22 or PG 70-28, will be based on the indexes for PG 64-22. The quantity of asphalt cement for asphalt concrete pavement to which adjustment will be applied will be the quantity based on the percent of asphalt cement shown on the appropriate approved job mix formula.

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

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

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

VIRGINIA DEPARTMENT OF TRANSPORTATION
**MASTER LISTING OF
ASPHALT MATERIAL ITEMS ELIGIBLE FOR PRICE ADJUSTMENT**
(10-27-09)

ITEM	DESCRIPTION	UNITS	SPECIFICATION
10062	Asphalt-Stab. Open-Graded Material	Ton	313
10416	Liquid Asphalt	Gal	311 312
10420	Blotted Seal Coat Ty. B	Sy	ATTD
10422	Blotted Seal Coat Ty. C	Sy	ATTD
10423	Blotted Seal Coat Ty. C-1	Sy	ATTD
10424	Blotted Seal Coat Ty. D	Sy	ATTD
10598	Ns Asphalt Concrete	Ton	315
10606	Asphalt Concrete Ty. SM-9.5	Ton	315
10607	Asphalt Concrete Ty. SM-12.5A	Ton	315
10608	Asphalt Concrete Ty. SM-12.5D	Ton	315
10609	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
10610	Asphalt Concrete Ty. IM-19.0A	Ton	315
10611	Asphalt Concrete Ty. IM-19.0D	Ton	315
10612	Asphalt Conc. Base Cr. Ty. BM-25.0	Ton	315
10613	Asphalt Concrete Ty. BM-37.5	Ton	315
10635	Asphalt Concrete Ty. SM-9.5A	Ton	315
10636	Asphalt Concrete Ty. SM-9.5D	Ton	315
10637	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
10639	Asphalt Concrete Ty. SM-19.0	Ton	315
10642	Asphalt Concrete Ty. BM-25.0A	Ton	315
10643	Asphalt Concrete Ty. BM-25.0D	Ton	315
10650	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	317
10651	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	317
10652	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	317
10653	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	317
10654	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	317
10655	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	317
10701	Liquid Asphalt Coating	Sy	ATTD
12505	Asphalt Concrete Curb Backup Material	Ton	315
13240	Asphalt Concrete Sidewalk	Ton	504
16110	Emul. Asph. Slurry Seal Type A	Sy	ATTD
16120	Emul. Asph. Slurry Seal Type B	Sy	ATTD
16130	Emul. Asph. Slurry Seal Type C	Sy	ATTD
16144	Latex Mod. Emul. Treat. Type B	Ton	ATTD
16145	Latex Mod. Emul. Treat. Type C	Ton	ATTD
16146	Latex Mod. Emul. Treat. Rutfilling	Ton	ATTD
16161	Modified Single Seal	Sy	ATTD
16162	Modified Double Seal	Sy	ATTD
16249	Nontracking Tack Coat	Gal.	ATTD
16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD

16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal.	ATTD.
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD
16256	Liquid Asphalt Matl. RC-800	Gal	ATTD
16257	Ns Liquid Asphalt Matl.	Gal	ATTD
16260	Liquid Asphalt Matl. CRS-2L	Gal	ATTD
16325	NS Asphalt Concrete	Ton	N/A
16330	Asphalt Concrete Ty. SM-9.0A	Ton	315
16335	Asphalt Concrete Ty. SM-9.5A	Ton	315
16337	Asph. Conc. Ty. SM-9.5ASL (Spot Level)	Ton	315
16340	Asphalt Concrete Ty. SM-9.5D	Ton	315
16342	Asph. Conc. Ty. SM-9.5DSL (Spot Level)	Ton	315
16345	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
16350	Asphalt Concrete Ty. SM-12.5A	Ton	315
16352	Asph. Con. Ty. SM-12.5ASL (Spot Level)	Ton	315
16355	Asphalt Concrete Ty. SM-12.5D	Ton	315
16357	Asph. Con. Ty. SM-12.5DSL (Spot Level)	Ton	315
16360	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
16373	Asphalt Concrete Ty. IM-19.0A (T)	Ton	315
16374	Asphalt Concrete Ty. IM-19.0D (T)	Ton	315
16377	Asphalt Concrete Ty. BM-37.5	Ton	315
16379	Asphalt Concrete Ty. IM-19.0T	Ton	315
16390	Asphalt Concrete Ty. BM-25.0A	Ton	315
16392	Asphalt Concrete Ty. BM-25.0D	Ton	315
16395	Asphalt Concrete Ty. BM-25.0A (T)	Ton	315
16397	Asphalt Concrete Ty. BM-25.0D (T)	Ton	315
16400	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	ATTD
16490	Hot Mix Asphalt Treatment	Ton	ATTD
16500	Surf.Preparation & Restoration Type I	Ton	ATTD
16502	Surf.Preparation & Restoration Type li	Ton	ATTD
16504	Surf.Preparation & Restoration Type lii	Ton	ATTD
67201	NS Asphalt Concrete Overlay	Ton	315
67210	NS Asphalt Concrete	Ton	315
68240	NS Asphalt Concrete	Ton	315

Exhibit 6.3(b)

Form C-16a
August 9, 2013

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

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

PROJECT NUMBER: 0066-96A-417,P101,R201,C501 and 0066-96A-493, P101, C501

DISTRICT: Northern Virginia District

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 \$ 522.⁸⁶ 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: 11/01/17

SIGNATURE: 

Gregory M. Andicos, President / COO

Wagman Heavy Civil, Inc.

(Firm or Corporation)

W002

(Vendor No.)

**EXHIBIT 6.3 (c)
ADJUSTMENT FOR FUEL
VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
OPTIONAL ADJUSTMENT FOR FUEL
DESIGN-BUILD PROJECTS**

June 30, 2011
(Revised) November 5, 2012

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

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

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

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in within the Schedule of Values those pay items and the associated quantities it chooses to have fuel adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for fuel adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Schedule of Values will automatically not be considered for adjustment.

The monthly index price to be used in the administration of this provision will be calculated by the Department from the Diesel fuel prices published by the U. S. Department of Energy, Energy Information Administration on highway diesel prices, for the Lower Atlantic region. The monthly index price will be the price for diesel fuel calculated by averaging each of the weekly posted prices for that particular month.

For the purposes of this provision, the base index price will be calculated using the data from the month preceding the receipt of bids. The base index price will be posted by the Department at the beginning of the month for all bids received during that month.

The current index price will be posted by the Department and will be calculated using the data from the month preceding the particular estimate being vouchered for payment.

The current monthly quantity for eligible items of work selected by the Design-Builder for fuel adjustment in its work packages will be multiplied by the appropriate fuel factor to determine the gallons of fuel to be cost adjusted. The amount of adjustment per gallon will be the net difference between the current index price and the base index price. Computation for adjustment will be made as follows:

$$S = (E - B) QF$$

Where; S = Monetary amount of the adjustment (plus or minus)
B = Base index price
E = Current index price

Q = Quantity of individual units of work
F = Appropriate fuel factor

Adjustments will not be made for work performed beyond the original contract time limit unless the original time limit has been changed by an executed Work Order.

If new pay items are added to this contract by Work Order and they are listed in the Department's master listing of eligible items, the Work Order must indicate which of these individual items will be fuel adjusted; otherwise, those items will not be fuel adjusted. If applicable, designating which new pay items will be added for fuel adjustment must be determined during development of the Work Order and clearly shown on the Work Order form. The Base Index price on any new eligible pay items added by Work Order will be the Base Index price posted for the month in which bids were received for that particular project. The Current Index price for any new eligible pay items added by Work Order will be the Index price posted for the month preceding the estimate on which the Work Order is paid.

When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

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

Any amounts resulting from fuel adjustment will not be included in the total cost of work for determination of progress or for extension of contract time.

I elect to use this provision

I elect not to use this provision

Date: 10/30/17

Signature: 
Gregory M. Andricos, President/COO

Design-builder: Wagman Heavy Civil, Inc.

Vendor No.: W002

Section 4.8.5

Proposal Guaranty Form



Price Proposal
November 2017

WAGMAN
General Contractor | Heavy Civil | Geotechnical

JMT

VÖLKERT

FORT MYER
CONSTRUCTION

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Wagman Heavy Civil, Inc. As principal, and Western Surety 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.

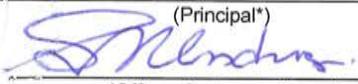
SIGNED, sealed and dated this 23rd Day of October, 20 17

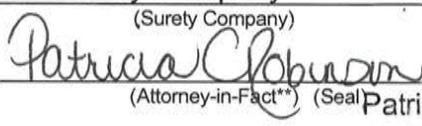
WHEREAS, the above said principal is herewith submitting its proposal for: I-66 Eastbound Widening Inside the Beltway PROJECT NUMBER: C00108424DB92, I-66 EBW(0066-96A-417, P101, R201, C501), UPC 108424, I-66 EDA (0066-96A-493, P101,C501,B686), UPC 110629, NHPP-066-1(356)

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.

Wagman Heavy Civil, Inc.

Western Surety Company

(Principal*)
By: 
(Officer, Partner or Owner) (Seal)
Gregory M. Andricos, President/coo
(Principal*)

(Surety Company)
By: 
(Attorney-in-Fact**) (Seal) Patricia C. Robinson
(Address)

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

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

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

By: _____
(Address)

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

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

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

**Attach copy of Power of Attorney

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

James R Gould, Joseph G Buyakowski, Alson O Wolcott Jr, Robert N Striewig Jr, Eugene M Fritz, Patricia C Robinson, Kathy R Reisinger, Donald R Wert, Anthony S Phillips, Kristen D Shive, Individually

of Mechanicsburg, PA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 1st day of August, 2017.



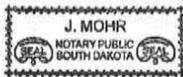
WESTERN SURETY COMPANY

Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 1st day of August, 2017, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
June 23, 2021



J. Mohr
J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 23rd day of October, 2017.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

**CERTIFICATE OF SECRETARY
OF
WAGMAN HEAVY CIVIL, INC.**

The Undersigned, being the Secretary of Wagman Heavy Civil, Inc., hereby certifies that the following Resolutions were adopted by unanimous consent of the Board of Directors on June 27, 2017 and that said Resolutions have not been amended, altered or revoked and that they remain in full force and effect:

RESOLVED, that the following individuals be hereby elected to serve in the offices set forth opposite their names, until the next regularly scheduled election of officers:

Chairman of the Board	Richard E. Wagman
Chief Executive Officer	Michael B. Glezer
President/COO	Gregory M. Andricos
Sr. Vice President	Todd E. Becker
Vice President – Design-Build/Major Pursuits, Mid-Atlantic	Anthony W. Bednarik
Vice President – Design-Build/Major Pursuits, Virginia Operations	David W. Lyle
Vice President/General Manager, Virginia Operations	Glen K. Mays
Vice President – Geotechnical Construction Services	Edward R. Laczynski
Sr. Vice President	Joseph G. Wagman
Sr. Vice President – CFO/Treasurer	John R. Coppage, IV
Sr. Vice President – Human Resources	William C. McCrudden
Vice President/General Counsel/Secretary	W. Edwin Jackson
Assistant Secretaries	Lisa W. Glezer
	Wanda S. Turner
	Jeanie P. Jones

FURTHER RESOLVED, that Richard E. Wagman, Michael B. Glezer, Gregory M. Andricos, Todd E. Becker, Anthony W. Bednarik, David W. Lyle, Glen K. Mays, and Edward R. Laczynski are each individually authorized and empowered to execute, acknowledge and deliver such documents, instructions and papers and perform such acts as may be legally, properly and reasonably required or necessary for the purpose of procuring and executing any bids, bid bonds and contracts on behalf of Wagman Heavy Civil, Inc.

Date: October 27, 2017



W. Edwin Jackson, Secretary



Section 4.8.6

Sworn Statement Forms



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: I-66 Eastbound Widening Inside the Beltway

FHWA: NHPP-066-1(356)

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.

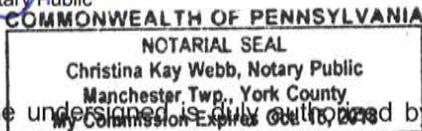
AFFIDAVIT

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 York, PA , this 30TH day of October , 20 17
County (City), STATE
Wagman Heavy Civil, Inc. By: [Signature] PRESIDENT & C.O.O.
(Name of Firm) (Signature) Title (print)
STATE of Pennsylvania COUNTY (CITY) of York

To-wit:
I Christina Kay Webb , a Notary Public in and for the State and
County(City) aforesaid, hereby certify that this day Gregory M. Andricas
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 30TH day of October , 20 17
[Signature] My Commission expires October 15, 2018
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: I-66 Eastbound Widening Inside the Beltway

FHWA: NHPP-006-1(356)

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>620 Moorefield Park, Ste 120, Richmond VA</u>
<u>HCCA</u>	<u>9251 Industrial Ct, Ste 201, Manassas, VA</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 York, Pennsylvania, this 30TH day of October, 20 17
County (City), STATE

Wagman Heavy Civil, Inc. By: [Signature] PRESIDENT P.C.O.O
(Name of Firm) (Signature) Title (print)

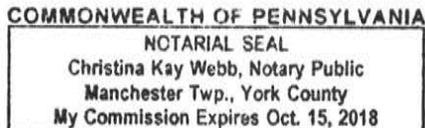
STATE of Pennsylvania COUNTY (CITY) of York

To-wit:

I Christina Kay Webb, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Gregory M. Andricos 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 30th day of October, 20 17
My Commission expires October 15, 2018

[Signature]
Notary Public



WAGMAN

General Construction | Heavy Civil | Geotechnical



VOLKERT

FMC FORT MYER
CONSTRUCTION



Price Proposal

November 2017