



Artist Rendering

Design-Build Project for

# Route 29 Solutions

## Albemarle County, Virginia

Contract ID No. C00077383DB80

**SKANSKA**



Price Proposal | January 20, 2015

**ATTACHMENT 4.0.1.2**

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

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

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➤ **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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4.8.1 - Price Proposal Form (Attachment 4.8.1)

**ATTACHMENT 4.8.1**

**PRICE PROPOSAL FORM**

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

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ <u>28,754,000.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>128,643,000.00</u>
Quality Assurance (QA) (Construction), LS	\$ <u>1,600,000.00</u>
Quality Control (QC) (Construction), LS	\$ <u>1,000,000.00</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 FIFTY NINE MILLION, NINE HUNDRED  
SEVENTY SEVEN THOUSAND DOLLARS AND NO CENTS (\$159,977,000.00)

Signature:  Date: 1/20/15

Design-Builder: Skanska-Branch A Joint Venture

Vendor No.: VS0000089760



4.8.2 - Schedule of Items Form (Attachment 4.8.2)

**Attachment 4.8.2**

**Design-Build Project for Route 29 Solutions, C00077383DB80**

**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.

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approx. Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
00001	Bonds and Insurance Premiums		1	LS	\$3,000,000
00002	Co-Located Office Expenses		1	LS	\$1,700,000
00003	Submit QA/QC Plan		1	LS	\$250,000
00004	Submit Project Management Plan		1	LS	\$300,000
00005	Submit Safety Plan		1	LS	\$250,000
00006	Submit Preliminary & Baseline Schedule		1	LS	\$400,000
00020	DESIGN SERVICES		1	LS	\$28,734,000
00062	QUALITY ASSURANCE (CONSTRUCTION)		1	LS	\$1,600,000
00064	QUALITY CONTROL (CONSTRUCTION)		1	LS	\$1,000,000
	<b>US 29 &amp; RIO RD GRADE SEPARATED INTERSECTION</b>		<b>1</b>	<b>LS</b>	
00100	GSI Mobilization		1	LS	\$3,499,000
00101	GSI Constr. Surveying		1	LS	\$764,000
	Demolition & Removals		1	LS	
24510	Demolish Concrete Ret. Walls		160	CY	\$33,025
14100	Remove Sidewalk & Entrances		2,869	SY	\$41,494
14120	Remove Comb. Curb & Gutter		6,725	LF	\$62,867
14440	Saw Cutting		7,720	LF	\$36,845
24430	Demolition Of Pavement (Flexible)		12,920	SY	\$164,536
16386	Flexible Pavement Planing		31,663	SY	\$163,305
50600	Remove Ty.I Signs		36	EA	\$6,337
24601	Remove Exist Guardrail		170	LF	\$263
24703	Remove Exist Storm Pipe		2,590	LF	\$441,142
24801	Remove Exist Drainage Structures		31	EA	\$318,857
00529	Flowable Backfill		230	CY	\$149,408
00529	Flowable Backfill (Utility)		30	CY	\$12,179
00111	Clearing & Grubbing		1	ACRE	\$23,127
	Utility Work		1	LS	
40003	1" Water Service Line		220	LF	\$15,629
41972	1" Water Meter and Box		15	EA	\$12,067
40010	4" Fire Service Line		4,220	LF	\$380,810
40061	6" DI Water Main		450	LF	\$83,957
40081	8" DI Water Main		828	LF	\$353,207
40181	18" DI Water Main		900	LF	\$573,329
40241	24" DI Water Main		974	LF	\$624,873



VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approx. Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
40408	18" Bend		16	EA	\$44,476
40412	24" Bend		9	EA	\$40,997
40424	18" Branch		5	EA	\$17,463
40428	24" Branch		4	EA	\$23,309
40442	18" Plug or Cap		3	EA	\$6,485
40446	24" Plug or Cap		1	EA	\$2,616
40466	24" Reducer		1	EA	\$3,523
41840	2" Air Release Valve & Box		1	EA	\$5,905
41006	6" Gate Valve & Box		8	EA	\$12,037
41008	8" Gate Valve & Box		4	EA	\$8,057
41020	18" Gate Valve & Box		3	EA	\$45,260
41104	Adjust Exist. Valve Box		20	EA	\$10,607
41429	24"X24" Tapping Sleeve Valve & Box		1	EA	\$75,087
41820	Fire Hydrant		7	EA	\$26,325
42765	Adjust Sanitary Manholes		17	EA	\$32,694
45004	4" Gas Main		550	LF	\$219,711
45006	6" Gas Main		1,660	LF	\$996,375
47100	Dominion VA Power		1	LS	\$1,001,400
47105	Comcast		1	LS	\$3,000
47110	Lumos		1	LS	\$4,500
47115	Century Link		1	LS	\$3,789,912
47120	Verizon Business (MCI)		1	LS	\$31,313
47125	Qwest Govt Service		1	LS	\$22,500
47130	CL Natl Network Service		1	LS	\$84,000
47135	Fiberlight		1	LS	\$170,475
	Environmental Work		1	LS	
27001	Seed & Fertilize		1	ACRE	\$3,175
27170	Temp Seeding		1	ACRE	\$2,222
27415	Check Dam, Rock Ty. II		10	EA	\$4,313
27505	Temp Silt Fence		3,000	LF	\$7,515
27580	Temp Sed Basin Exc		1,200	CY	\$8,010
27451	Inlet Protection, Type A		5	EA	\$695
27461	Inlet Protection, Type B		48	EA	\$7,494
27360	Construction Entrance		500	SY	\$38,318
	Earthwork		1	LS	
00120	Common Excavation		53,364	CY	\$1,362,268
27012	2" Topsoil - Grass Areas		1	ACRE	\$6,795
33231	Dwarf Redtwig Dogwood 30" Hgt		50	EA	\$4,500
34098	Blue Muffin Arrowwood 30" Hgt		54	EA	\$4,860
36162	Pee Wee Oakleaf Hydrangea 30" Hgt		54	EA	\$5,831
33180	Sixteen Candles Summersweet 30" Hgt		54	EA	\$4,536
35135	Merlot Sweetspire 30" Hgt		54	EA	\$6,480
36252	Knockout Rose 30" Hgt		50	EA	\$7,499
35283	Compact Inkberry 30" Hgt		54	EA	\$8,423
35433	Compact Pfitzer Juniper 30" Hgt		53	EA	\$5,088

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approx. Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
29615	Feather Reed Grass #1 Cont		90	EA	\$2,160
29625	Maiden Grass #1 Cont		80	EA	\$1,920
29635	Little Bluestem #1 Cont		90	EA	\$2,160
29645	Dwarf Fountain Grass #1 Cont		90	EA	\$2,160
29655	Creeping Lilyturf #1 Cont		90	EA	\$2,160
29665	Shenandoah Switchgrass #1 Cont		80	EA	\$1,920
30176	Serviceberry 7' Hgt		2	EA	\$1,080
29136	Flowering Dogwood 7' Hgt		2	EA	\$1,020
33698	Sweetbay Magnolia 7' Hgt		2	EA	\$1,020
29126	White Fringetree 7' Hgt		2	EA	\$1,200
29086	Eastern Redbud 7' Hgt		2	EA	\$840
28810	Mulch		150	CY	\$13,286
28816	Planting Soil		107	CY	\$10,363
28815	Bedding Soil		240	CY	\$7,625
28820	Landscape Watering		42	MO	\$25,657
28830	Precast Planters (Bridge)		1	LS	\$91,340
	Drainage		1	LS	
01182	18" Conc. Pipe (Replace Exist.)		26	LF	\$3,845
01242	24" Conc. Pipe (Replace Exist.)		34	LF	\$7,051
06785	Drop Inlet DI-2E,L=10' (Replace Exist.)		1	EA	\$11,871
01152	15" Conc. Pipe		617	LF	\$152,971
01182	18" Conc. Pipe		2,164	LF	\$497,691
01242	24" Conc. Pipe		1,117	LF	\$299,515
01302	30" Conc. Pipe		590	LF	\$196,752
01362	36" Conc. Pipe		105	LF	\$53,305
01722	72" Conc. Pipe		20	LF	\$51,668
02192	30" x 19" Elliptical Conc. Pipe		120	LF	\$40,348
00525	Concrete Class A3 Misc.		3	CY	\$6,401
06740	Drop Inlet DI-1		4	EA	\$21,733
01182	18" Conc. Pipe (Depressed RW)		1,968	LF	\$319,016
01242	24" Conc. Pipe (Depressed RW)		125	LF	\$27,388
06750	Drop Inlet DI-2B,L=10'		11	EA	\$108,975
06751	Drop Inlet DI-2B,L=12'		1	EA	\$17,720
06752	Drop Inlet DI-2B,L=14'		2	EA	\$26,414
06755	Drop Inlet DI-2B,L=20'		8	EA	\$79,025
06747	Drop Inlet DI-2B,L=4'		1	EA	\$11,719
06767	Drop Inlet DI-2C,L=10'		1	EA	\$13,271
06785	Drop Inlet DI-2E,L=10'		1	EA	\$14,801
06790	Drop Inlet DI-2E,L=20'		2	EA	\$36,076
06759	Drop Inlet DI-2BB,L=10'		1	EA	\$17,149
06825	Drop Inlet DI-3B,L=20'		2	EA	\$28,291
06837	Drop Inlet DI-3C,L=10'		1	EA	\$13,863
09056	Manhole MH-1 or 2		132	LF	\$120,858
09057	Frame & Cover MH-1		19	EA	\$20,420
06750	Drop Inlet DI-2B,L=10' (Depressed RW)		9	EA	\$76,644



VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
06751	Drop Inlet DI-2B,L=12' (Depressed RW)		1	EA	\$14,573
06752	Drop Inlet DI-2B,L=14' (Depressed RW)		2	EA	\$22,436
09056	Manhole MH-1 or 2 (Depressed RW)		21	LF	\$23,833
09057	Frame & Cover MH-1 (Depressed RW)		4	EA	\$8,237
09080	Structure Adjusts & Modifications		15	EA	\$26,357
00588	Underdrain UD-4		4,570	LF	\$51,066
00590	Comb. Underdrain CD-1		220	LF	\$11,118
15120	Underdrain UD-1 Mod.		1,640	LF	\$37,201
09100	NE Underground SWM Facility		1	LS	\$948,720
09101	NW Underground SWM Facility		1	LS	\$392,391
09102	SE Underground SWM Facility		1	LS	\$645,601
01721	Jack & Bore 72" RCP		180	LF	\$432,019
00700	Clean / Video Drain Systems		10,528	LF	\$41,533
	Subbase & Base Courses		1	LS	
00132	Subgrade Preparation		23,883	SY	\$64,842
10100	21B Aggbase		12,609	TON	\$278,596
10026	Subgrade Stabilization		11,060	SY	\$150,305
	Pavements		1	LS	
10608	Asphalt Concrete Ty. SM-12.5D	P	5,077	TON	\$741,225
10610	Asphalt Concrete Ty IM-19.0A	P	3,635	TON	\$585,327
10642	Asphalt Concrete Ty BM-25.0A	P	4,299	TON	\$647,091
12030	Std. Curb CG-3		1,900	LF	\$62,526
12032	Radial Curb CG-3		90	LF	\$2,562
12700	Std. Comb. Curb & Gutter CG-7		4,230	LF	\$157,687
13220	Hydr. Cement Conc. Sidewalk 4"		2,030	SY	\$157,177
21020	Median Strip MS-1A		105	SY	\$15,052
	Retaining Walls		1	LS	
64014	Install Ret. Wall Trench		2,680	LF	\$2,556,851
64016	Backfill Ret. Wall Trench		2,680	LF	\$935,588
64020	Drill Holes for Wall Piles		19,920	LF	\$5,726,913
64140	Set & Concrete W-Piles		7,200	CY	\$9,034,120
64040	Furnish & Drive Sheetpiles		36,700	SF	\$1,471,655
13850	Ret. Wall Precast Panels		22,000	SF	\$1,693,240
13720	Arch. Concrete Staining		65,800	SF	\$117,453
60404	Ret. Wall Cap Conc CL A4		1,990	CY	\$1,714,649
61700	Ret. Wall Cap SS Resteel		298,500	LB	\$1,668,620
13530	RW-1 NB Cut Wall (RW-3)		196	CY	\$260,998
13531	RW-2 NB Fill Wall (RW-3)		112	CY	\$225,133
13532	RW-3 SB Cut Wall (RW-3)		41	CY	\$106,328
13533	RW-4 SB Cut Wall (RW-3)		53	CY	\$153,515
13534	RW-5 SB Fill Wall (RW-3)		61	CY	\$121,720
	Structures - Rio Rd Bridge		1	LS	
65014	Abutment Conc CL A4		400	CY	\$625,302
61690	Prestr. Box Beams 4' x 35" x 70'+		71	EA	\$3,694,357
61010	Elastomeric Lamin. Bearing Pads		284	EA	\$27,383

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
60404	Deck Conc CL A4		811	CY	\$495,934
13220	Concrete Median Curb		567	SY	\$37,107
68092	Median Curb/Sidewalk Resteel - CR Class II		4,400	LB	\$71,676
62380	Saw & Seal 1" Joints		568	LF	\$15,702
62045	Railing, BR 27D-8-AT		274	LF	\$152,095
65211	Reinf. Steel CR Class I		60,000	LB	\$237,000
61712	Reinf. Steel CR Class II		101,375	LB	\$547,244
60490	Bridge Deck Grooving		2,041	SY	\$18,185
13722	Arch Concrete Staining		1,682	SF	\$3,002
	Maintenance of Traffic		1	LS	
24271	Truck Mounted Crash Cushion		800	HR	\$67,536
24273	Type III Barricade		12	EA	\$3,780
24297	Traf.Barr.Ser.Conc.Double Face		10,300	LF	\$419,468
13611	Impact Attenuator Service Type I		5	EA	\$102,259
24278	Group 1/ 2 Channelizing Devices		1,000	EA	\$50,295
24279	Portable Changeable Message Sign		18	EA	\$361,800
24281	Electronic Arrow		6	EA	\$35,776
50001	Construction Signs		122	EA	\$29,291
54483	Constr.Pave.Marking (Ty. B) 6"		36,600	LF	\$23,607
54485	Constr.Pave.Marking (Ty. B) 8"		4,250	LF	\$3,889
54489	Constr.Pave.Marking(Ty. B) 24"		200	LF	\$1,218
54497	Constr.P.M.Ty.B Symbol		50	EA	\$4,942
54499	Constr.P.M.Ty.B Message		2	EA	\$1,500
54105	Eradicate Exist Pav't Markings		9,800	LF	\$8,085
54210	Raised Pav't Markers		60	EA	\$3,799
24282	Lane Closure & Flagger		493	SHFT	\$2,213,148
24283	Police Patrol		1	LS	\$810,000
25020	Temp Detours/Crossover		1	LS	\$419,305
	Lighting, Signals, ITS		1	LS	
55167	30' Pole Twin 18' Arm w/ LED Lumin		2	EA	\$27,645
55158	22' Pole w/ Ped LED Lumin		15	EA	\$138,803
55520	LED Wall Pack		346	EA	\$976,406
55151	Ped Pole Base		15	EA	\$26,280
56008	Pull / Junction Box - Buried		22	EA	\$22,209
56009	Pull / Junction Box - Surf Mtd		8	EA	\$5,568
55344	Elec Service & Controls		1	EA	\$20,885
56030	2" Conduit - Buried		2,800	LF	\$24,234
56031	2" Conduit - Surf Mtd		350	LF	\$18,727
55020	2 Cond Cable		9,050	LF	\$51,585
55240	UPS For Tunnel Lights		1	LS	\$39,962
51327	40' Pole & Fndt 18' Arm w/LED Lumin		2	EA	\$154,855
51337	50' Pole & Fndt 18' Arm w/LED Lumin		2	EA	\$154,855
51347	60' Pole & Fndt 18' Arm w/LED Lumin		1	EA	\$77,428
51349	70' Pole & Fndt 18' Arm w/LED Lumin		1	EA	\$77,428
51351	75' Pole & Fndt 18' Arm w/LED Lumin		5	EA	\$417,138

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
51210	Ped 10' Signal Pole w/Fndt		9	EA	\$26,460
51460	Wood Strain Pole		6	EA	\$50,687
51772	Junction Box JB-S1		5	EA	\$6,038
51774	Junction Box JB-S2		51	EA	\$51,583
51776	Junction Box JB-S3		16	EA	\$19,320
51181	Traffic Signal Heads Complete		61	EA	\$152,569
51190	Pedestrian Signal Head		22	EA	\$43,824
51800	Pedestrian Push Button		22	EA	\$7,194
51504	Vehicle Detect Equip - Video		8	EA	\$35,088
51508	Vehicle Detect Equip - Camera		8	EA	\$49,944
51030	Controller Assembly w/Fndt		5	EA	\$303,865
51514	Emerg Vehicle Pre-Emption Sensor		17	EA	\$17,468
51518	Emerg Vehicle Pre-Emption Equip.		17	EA	\$76,726
51540	Loop Detector		101	EA	\$121,804
51541	Loop Assembly Complete		101	EA	\$56,055
51155	Patch Panel		5	EA	\$37,560
51170	Electrical Service SE-5 Complete		5	EA	\$24,533
51584	Conduit (2 - 3" + 1 - 2") - Buried		11,195	LF	\$333,801
51730	Span Wire 0.5"		701	LF	\$7,918
51716	Signal Cable (Per Intersection)		5	EA	\$29,685
51672	Fiber Optic Cable		2,500	LF	\$24,150
51678	Fiber Optic Drop		500	LF	\$4,118
51951	Signal Signs		28	EA	\$10,416
58010	Signal Pole w/Fndt, 25' Arm		2	EA	\$147,243
58020	Camera Pole w/Fndt		2	EA	\$59,214
58040	CCTV Camera		2	EA	\$30,039
58100	DMS Structure w/Fndt		4	EA	\$518,954
58130	DMS Sign Complete		4	EA	\$739,134
58200	Electrical Service Point		6	EA	\$115,307
58240	Controiller Cabinet w/Fndt		8	EA	\$489,968
58310	Traffic Signal Head		4	EA	\$10,650
58420	Fiber Optic Pull Box		25	EA	\$63,525
58430	Fiber Optic Splice Box		8	EA	\$28,308
58440	Fiber Drop Cable		80	LF	\$397
58450	Fiber Optic Cable - 96 Pair		5,000	LF	\$42,375
58620	2" Conduit - Buried		5,836	LF	\$34,141
58625	2" Conduit - HDD		1,000	LF	\$31,500
58700	UG Power Service (4c - #6 min)		600	LF	\$10,215
58720	2 Cond Cable		5,904	LF	\$33,653
51935	Remove Signal Equipment		1	LS	\$78,860
51950	Temp Traffic Signals		1	LS	\$67,865
57000	Temp Lighting		1	LS	\$35,235
	Barrier, Fencing, Guardrail		1	LS	
69700	Ret. Wall Parapet BR27D		1,800	LF	\$585,657
62045	Metal Rail BR27D-8-AT		1,800	LF	\$261,900

VDOT Item Code <sup>1</sup>		Fuel (F) or Price (P) Adjustment	Approx. Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
	Item Description				
13460	Median Barrier MB-7D		1,600	LF	\$198,072
13485	Med Barr MB-8A Type I		220	LF	\$81,035
13486	Med Barr MB-8A Type II		160	LF	\$71,933
13487	Med Barr MB-8A Type III		120	LF	\$62,908
13462	Shoulder Barrier MB-7F		2,400	LF	\$530,640
13600	Perm Attenuators		6	EA	\$140,254
	Signing & Pavement Markings		1	LS	
50470	Ovhd Sign Str. - 70' Span w/Fndts		1	EA	\$190,355
50475	Ovhd Sign Str. - 75' Span w/Fndts		1	EA	\$190,374
50590	Multi Post GM (<100 SF)		2	EA	\$27,411
50592	Multi Post GM (100 to 200 SF)		12	EA	\$274,112
50642	Sgl Post GM (<12 SF)		6	EA	\$13,706
50644	Sgl Post GM (12 to 20 SF)		15	EA	\$45,685
50646	Sgl Post GM (21 to 30 SF)		10	EA	\$38,071
50652	Sgl Post BM (<12 SF)		4	EA	\$9,137
50654	Sgl Post BM (12 to 20 SF)		4	EA	\$12,183
50102	Ovhd Str. Sign Panels		761	SF	\$46,356
54000	Perm Pavement Markings		1	LS	\$182,925
	US 29 WIDENING		1	LS	
00100	Widening Mobilization		1	LS	\$1,677,000
00101	Widening Constr. Surveying		1	LS	\$600,000
	Demolition & Removals		1	LS	
14120	Remove Comb. Curb & Gutter		5,352	LF	\$37,683
24430	Demolition Of Pavement (Flexible)		42,125	SY	\$307,653
16386	Flexible Pavement Planing		21,375	SY	\$116,515
50600	Remove Ty.I Signs		81	EA	\$10,931
13218	Remove/Replace Mailbox		9	EA	\$4,399
24601	Remove Exist Guardrail		5,815	LF	\$6,888
24602	Remove Exist Fence		4,250	LF	\$19,892
24703	Remove Exist Storm Pipe		676	LF	\$29,984
24801	Remove Exist. Drainage Structure		13	EA	\$33,890
00529	Flowable Backfill		175	CY	\$70,755
24550	Rem. Exist Paved Ditch		4,255	LF	\$25,934
00111	Clearing & Grubbing		16	ACRE	\$149,792
	Utility Work		1	LS	
40003	1" Water Service Line		60	LF	\$3,384
40061	6" DI Water Main		400	LF	\$46,984
40081	8" DI Water Main		120	LF	\$16,652
40121	12" DI Water Main		9,080	LF	\$988,962
41006	6" Gate Valve & Box		16	EA	\$21,044
41008	8" Gate Valve & Box		2	EA	\$3,276
41012	12" Gate Valve & Box		18	EA	\$48,368
41104	Adjust Exist. Valve Box		17	EA	\$8,988
41506	6" Check Valve		3	EA	\$1,484
41820	Fire Hydrant		13	EA	\$43,169

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approx. Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
41845	2" Air Release Valve & Manhole		4	EA	\$12,199
41850	Adjust Exist. Air Release Valve Box		4	EA	\$2,816
45004	4" Gas Main		20	LF	\$39,379
45006	6" Gas Main		8,850	LF	\$1,348,112
47100	Dominion VA Power		1	LS	\$30,443
47115	Century Link		1	LS	\$1,080,670
47120	Verizon Business (MCI)		1	LS	\$18,630
47125	Qwest Govt Service		1	LS	\$8,625
47130	CL Natl Network Service		1	LS	\$24,150
47135	Fiberlight		1	LS	\$114,598
	Environmental Work		1	LS	
26117	Rip Rap Class A1		560	TON	\$26,507
27001	Seed & Fertilize		18	ACRE	\$43,816
27170	Temp Seeding		15	ACRE	\$25,558
27321	Protective Covering EC-2		35,000	SY	\$82,915
27415	Check Dam, Rock Ty. II		280	EA	\$83,836
27500	Geotextile Fabric		1,000	SY	\$3,899
27505	Temp. Silt Fence		38,000	LF	\$72,979
27545	SWM Basin Excavation		36,228	CY	\$195,396
27580	Temp Sediment Basin Excav		3,000	CY	\$16,457
27451	Inlet Protection, Type A		26	EA	\$2,739
27461	Inlet Protection, Type B		114	EA	\$20,601
27360	Construction Entrance		2,400	SY	\$53,820
27337	Temp Diversion Channel Lining CL B		1,000	SY	\$53,004
27340	Temp Diversion Channel Excavation		500	CY	\$8,418
27422	Dewatering Basin		10	EA	\$4,612
27430	Erosion Controls Crew		24	MO	\$1,450,271
27440	Mowing		200	HR	\$13,800
	Earthwork		1	LS	
00120	Regular Excavation		51,353	CY	\$287,563
00124	Rock Excavation		8,270	CY	\$135,715
00150	Roadway Embankment		114,981	CY	\$968,739
60210	Temp Sheet Pile		2,000	SF	\$255,988
00180	Temp Wire Wall		7,200	SF	\$108,577
27016	Topsoil Class A, 2"		5,285	CY	\$77,552
30747	Pin Oak 2" Cal.		50	EA	\$19,570
30667	White Oak 2" Cal		40	EA	\$16,308
30767	Northern Red Oak 2" Cal		40	EA	\$16,308
30057	October Glory Red Maple 2" Cal		50	EA	\$18,524
30475	Fruitless Sweetgum 2" Cal		50	EA	\$21,201
30898	American Linden 2" Cal		40	EA	\$16,166
30436	Thornless Honeylocust 2" Cal		50	EA	\$21,050
30597	London Planetree 2" Cal		50	EA	\$21,050
30176	Serviceberry 7' Hgt		65	EA	\$27,314
29136	Flowering Dogwood 7' Hgt		60	EA	\$17,177

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
33698	Sweetbay Magnolia 7' Hgt		60	EA	\$17,177
30458	American Snowbell 7' Hgt		60	EA	\$30,312
29126	White Fringetree 7' Hgt		65	EA	\$21,891
29086	Eastern Redbud 7' Hgt		60	EA	\$14,146
32133	Eastern Redcedar 6' Hgt		33	EA	\$7,558
32263	Eastern White Pine 6' Hgt		33	EA	\$6,113
35392	Mary Nell Holly 6' Hgt		32	EA	\$13,472
34098	Blue Muffin Arrowwood 30" Hgt		120	EA	\$6,062
33180	Sixteen Candles Summersweet 30" Hgt		120	EA	\$5,658
35135	Merlot Sweetspire 30" Hgt		120	EA	\$8,083
35283	Compact Inkberry 30" Hgt		120	EA	\$10,509
33231	Dwarf Redtwig Dogwood 30" Hgt		120	EA	\$6,062
33831	Dwarf Fragrant Sumac 30" Hgt		120	EA	\$6,062
28810	Mulch		350	CY	\$10,063
28815	Bedding Soil		650	CY	\$15,832
28820	Landscape Watering		42	MO	\$122,942
	Drainage		1	LS	
01242	24" Conc. Pipe (Replace Exist.)		270	LF	\$35,627
01362	36" Pipe (Replace Exist.)		330	LF	\$51,627
07508	Drop Inlet DI-7 (Replace Exist.)		1	EA	\$10,321
09056	Manhole MH-1 or 2 (Replace Exist.)		10	LF	\$7,141
09057	Frame and Cover MH-1 (Replace Exist.)		1	EA	\$587
00525	Concrete Class A3 Misc. (Replace Exist.)		66	CY	\$77,196
00211	Minor Structure Excav. Pipe Culvert		500	CY	\$34,747
00506	Bedding Matl.Aggr.No. 57		210	TON	\$5,709
01152	15" Conc. Pipe		4,175	LF	\$283,418
01182	18" Conc. Pipe		11,258	LF	\$1,022,012
01242	24" Conc. Pipe		960	LF	\$128,208
01272	27" Conc. Pipe		286	LF	\$44,237
01362	36" Conc. Pipe		407	LF	\$89,398
01542	54" Conc. Pipe		72	LF	\$24,255
01602	60" Conc. Pipe		130	LF	\$76,389
00525	Concrete Class A3 Misc.		70	CY	\$40,419
06150	15" End Section ES-1 Or 2 *		5	EA	\$7,530
06180	18" End Section ES-1 Or 2		32	EA	\$49,791
06240	24" End Section ES-1 Or 2 *		4	EA	\$6,728
06270	27" End Section ES-1 Or 2		1	EA	\$1,979
06360	36" End Section ES-1 Or 2 *		4	EA	\$12,261
26119	Rip Rap Class 1		369	TON	\$10,405
00596	Endwall EW-12		4	EA	\$13,754
06740	Drop Inlet DI-1		34	EA	\$159,196
06741	Drop Inlet DI-1A		3	EA	\$23,908
06750	Drop Inlet DI-2B,L=10'		3	EA	\$19,014
06752	Drop Inlet DI-2B,L=14'		1	EA	\$6,626
06753	Drop Inlet DI-2B,L=16'		3	EA	\$19,906



VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approx. Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
06754	Drop Inlet DI-2B,L=18'		3	EA	\$19,210
06755	Drop Inlet DI-2B,L=20'		2	EA	\$15,339
06767	Drop Inlet DI-2C,L=10'		1	EA	\$7,528
06770	Drop Inlet DI-2C,L=16'		1	EA	\$6,856
06819	Drop Inlet DI-3B,L=8'		1	EA	\$5,768
06820	Drop Inlet DI-3B,L=10'		6	EA	\$35,034
06821	Drop Inlet DI-3B,L=12'		5	EA	\$32,604
06822	Drop Inlet DI-3B,L=14'		4	EA	\$26,242
06823	Drop Inlet DI-3B,L=16'		8	EA	\$54,006
06824	Drop Inlet DI-3B,L=18'		9	EA	\$65,096
06825	Drop Inlet DI-3B,L=20'		45	EA	\$327,887
06830	Drop Inlet DI-3BB,L=12'		1	EA	\$8,363
06831	Drop Inlet DI-3BB,L=14'		1	EA	\$8,656
06832	Drop Inlet DI-3BB,L=16'		1	EA	\$9,631
06834	Drop Inlet DI-3BB,L=20'		3	EA	\$29,632
06837	Drop Inlet DI-3C,L=10'		2	EA	\$13,150
06838	Drop Inlet DI-3C,L=12'		2	EA	\$13,040
06842	Drop Inlet DI-3C,L=20'		1	EA	\$8,889
09056	Manhole MH-1 or 2		205	LF	\$135,401
09057	Frame & Cover MH-1		23	EA	\$49,645
09056	SWM Riser 48" Dia		35	LF	\$43,195
27551	Filtrera		4	EA	\$144,990
09080	Structure Adjusts & Modifications		6	EA	\$6,549
00588	Underdrain UD-4		38,000	LF	\$273,125
00590	Comb. Underdrain CD-1		150	LF	\$5,282
00591	Comb. Underdrain CD-2		150	LF	\$5,282
00595	Outlet Pipe		500	LF	\$18,366
00596	Endwall EW-12		3	EA	\$7,904
01181	Jack and Bore 18" Pipe		193	LF	\$110,345
01241	Jack and Bore 24" Pipe		150	LF	\$57,125
01301	Jack and Bore 30" Pipe		210	LF	\$73,443
01421	Jack and Bore 42" Pipe		355	LF	\$487,618
01541	Jack and Bore 54" Pipe		200	LF	\$300,893
01601	Jack and Bore 60" Pipe		410	LF	\$691,988
00700	Clean / Video Drain Systems		19,500	LF	\$58,978
01242	Temp Drainage Pipe		600	LF	\$78,294
06740	Temp Drainage Structures		10	EA	\$48,343
00760	Remove Temp Drainage		1	LS	\$27,381
	Subbase & Base Courses		1	LS	
00132	Subgrade Preparation		149,216	SY	\$202,486
10100	Aggregate Base		53,942	TON	\$873,429
	Pavements		1	LS	
10635	Asphalt Conc Ty SM-9.5A	P	1,612	TON	\$181,331
10608	Asphalt Conc Ty SM-12.5D	P	10,428	TON	\$909,743
10610	Asphalt Conc Ty IM-19.0A	P	16,988	TON	\$1,588,917

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
10642	Asphalt Conc Ty BM-25.0A	P	22,275	TON	\$2,023,283
12030	Std. Curb CG-3		18,658	LF	\$340,473
12032	Radial Curb CG-3		132	LF	\$2,904
12700	Std. Comb. Curb & Gutter CG-7		17,069	LF	\$328,039
12710	Rad. Comb. Curb & Gutter CG-7		1,620	LF	\$25,211
13108	Handicap Ramp CG-12		135	SY	\$44,712
13220	Hydr. Cement Conc. Sidewalk 4"		1,210	SY	\$52,757
21110	Median Strip MS-1A		1,650	SY	\$162,748
	Retaining Walls		1	LS	
13530	RW-1 NB Cut Wall (RW-3)		64	CY	\$63,381
13512	RW-2 NB Fill Wall (T-Wall)		3,493	SF	\$296,451
13531	RW-3 NB Cut Wall (RW-3)		345	CY	\$293,694
13513	RW-4 NB Fill Wall (T-Wall)		7,100	SF	\$654,506
13514	RW-7 NB Fill Wall (T-Wall)		6,155	SF	\$524,923
13515	RW-8 SB Fill Wall (T-Wall)		3,482	SF	\$297,319
13552	RW-9 SB Cut Wall (P&L)		272	LF	\$439,034
13553	RW-10 SB Cut Wall (P&L)		592	LF	\$786,270
13516	RW-11 SB Fill Wall (T-Wall)		2,262	SF	\$197,751
13533	RW-12 SB Cut Wall (RW-3)		82	CY	\$77,550
13534	RW-13 SB Cut Wall (RW-3)		69	CY	\$97,701
13535	RW-14 SB Cut Wall (RW-3)		354	CY	\$282,360
13536	RW-15 SB Cut Wall (RW-3)		54	CY	\$50,513
13537	RW-17 SB Cut Wall (RW-3)		406	CY	\$368,529
13517	RW-19 SB Fill Wall (T-Wall)		6,115	SF	\$504,494
13538	RW-20 SB Cut Wall (RW-3)		69	CY	\$66,479
	Maintenance of Traffic		1	LS	
24271	Truck Mounted Crash Cushion		400	HR	\$55,761
24273	Type III Barricade		20	EA	\$4,830
24297	Traf.Barr.Ser.Conc.Double Face		31,100	LF	\$775,743
13611	Impact Attenuator Service Type I		24	EA	\$349,787
24278	Group 2 Channelizing Devices		300	EA	\$20,072
24279	Portable Changeable Message Sign		7	EA	\$107,870
24281	Electronic Arrow		2	EA	\$9,143
50001	Construction Signs		72	EA	\$13,253
54483	Constr.Pave.Marking (Ty. B) 6"		95,200	LF	\$47,076
54485	Constr.Pave.Marking (Ty. B) 8"		7,060	LF	\$4,953
54489	Constr.Pave.Marking(Ty. B) 24"		170	LF	\$794
54497	Constr. PM Ty B Symbol		36	EA	\$2,728
54499	Constr. PM Ty B Message		16	EA	\$9,200
54105	Eradicate Exist.Pav't Markings		49,000	LF	\$30,993
54210	Raised Pave. Marker		150	EA	\$5,439
24282	Flagger Service		1,000	HR	\$34,121
15430	MOT Crews		1	LS	\$444,317
24283	Police Patrol		1	LS	\$27,945
25020	Temp Detours/Widening		1	LS	\$449,490

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
	Lighting, Signals, ITS		1	LS	
51347	60' Pole & Fndt 18' Arm w/LED Lumin		2	EA	\$142,096
51351	75' Pole & Fndt 18' Arm w/LED Lumin		2	EA	\$142,096
51353	40/50' Pole & Fndt 18' Arm w/LED Lumin		1	EA	\$71,048
51210	Ped 10' Signal Pole w/Fndt		1	EA	\$2,254
51772	Junction Box JB-S1		1	EA	\$889
51774	Junction Box JB-S2		26	EA	\$23,113
51776	Junction Box JB-S3		2	EA	\$1,778
51181	Traffic Signal Heads Complete		23	EA	\$46,817
51190	Pedestrian Signal Head		4	EA	\$5,290
51800	Pedestrian Push Button		4	EA	\$1,003
51030	Controller Assembly w/Fndt		2	EA	\$125,263
51514	Emerg Vehicle Pre-Emption Sensor		6	EA	\$4,727
51518	Emerg Vehicle Pre-Emption Equip.		6	EA	\$23,467
51540	Loop Detector		58	EA	\$62,365
51541	Loop Assembly Complete		58	EA	\$24,679
51155	Patch Panel		2	EA	\$11,518
51170	Electrical Service SE-5 Complete		2	EA	\$11,226
51584	Conduit (2 - 3" + 1 - 2") - Buried		2,972	LF	\$102,876
51588	Conduit (2 - 3" + 1 - 2") - HDD		3,453	LF	\$47,612
51716	Signal Cable (Per Intersection)		2	EA	\$9,103
51672	Fiber Optic Cable		1,000	LF	\$7,441
51678	Fiber Optic Drop		200	LF	\$1,265
51951	Signal Signs		8	EA	\$2,870
51935	Remove Signal Equipment		1	LS	\$21,809
51950	Temp Traffic Signals		1	LS	\$104,052
	Barrier, Fencing, Guardrail		1	LS	
22643	Fence FE-CL		5,520	LF	\$96,934
13320	Guardrail GR-2		4,000	LF	\$118,680
13378	Guardrail Terminal GR-9		14	EA	\$59,818
13380	Guardrail Terminal GR-11		14	EA	\$16,345
	Signing & Pavement Markings		1	LS	
50590	Multi Post GM (<100 SF)		10	EA	\$93,401
50592	Multi Post GM (100 to 200 SF)		5	EA	\$87,563
50642	Sgl Post GM (<12 SF)		15	EA	\$26,269
50644	Sgl Post GM (12 to 20 SF)		28	EA	\$65,381
50646	Sgl Post GM (21 to 30 SF)		23	EA	\$67,132
54000	Pavement Markings		1	LS	\$166,104
	BERKMAR DRIVE EXTENSION		1	LS	
00100	Berkmar Mobilization		1	LS	\$1,051,000
00101	Berkmar Constr. Surveying		1	LS	\$400,000
	Demolition & Removals		1	LS	
14100	Removal Of Sidewalk And Entrance		443	SY	\$3,752
14120	Removal Of Comb. Curb And Gutter		1,200	LF	\$4,104
24430	Demolition Of Pavement (Flexible)		1,600	SY	\$8,736

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
24703	Remove Exist Storm Pipe		350	LF	\$13,640
24801	Remove Exist Drainage Structure		4	EA	\$13,636
00111	Clearing & Grubbing		38	ACRE	\$244,887
	Utility Work		1	LS	
40101	10" DI Water Main		40	LF	\$5,202
41010	10" Gate Valve & Box		1	EA	\$1,931
41104	Adjust Exist Valve Box		2	EA	\$919
41816	2" Blow-Off Valve & Manhole		1	EA	\$1,069
42080	8" San. Sewer Pipe		300	LF	\$20,436
42755	Sanitary Sewer Manhole		3	EA	\$10,936
42812	Bypass Pumping		1	LS	\$5,246
47100	Dominion VA Power		1	LS	\$110,688
	Environmental Work		1	LS	
26117	Rip Rap Class A1		1,300	TON	\$55,212
27001	Seed & Fertilize		18	ACRE	\$38,101
27170	Temp Seeding		10	ACRE	\$14,816
27321	Protective Covering EC-2		3,450	SY	\$5,072
27325	Soil Stab Mat EC-3 Ty A		6,350	SY	\$25,146
27410	Check Dam, Rock Ty. I		80	EA	\$74,648
27415	Rock Check Dam Ty II		66	EA	\$16,124
27505	Temp. Silt Fence		28,580	LF	\$42,013
27545	SWM Basin Excavation		48,775	CY	\$197,051
27461	Inlet Protection, Type B		117	EA	\$15,609
27360	Construction Entrance		500	SY	\$20,380
27337	Temp Diversion Channel Lining Ty B		3,260	SY	\$156,904
27340	Temp Diversion Channel Excavation		5,055	CY	\$62,884
27422	Dewatering Basin		10	EA	\$4,773
27430	Erosion Controls Crew		15	MO	\$294,584
27350	Temp Diversion Berm		10,000	LF	\$16,100
27440	Mowing		100	HR	\$6,000
09250	Slope Drain		12	EA	\$19,783
	Earthwork		1	LS	
00120	Regular Excavation		322,400	CY	\$1,285,336
00124	Rock Excavation		6,233	CY	\$77,788
00150	Roadway Embankment		250,000	CY	\$420,000
27016	Topsoil Class A, 2"		7,500	CY	\$49,950
30747	Pin Oak 2" Cal		54	EA	\$18,978
30667	White Oak 2" Cal		52	EA	\$19,036
30767	Northern Red Oak 2" Cal		52	EA	\$19,036
30057	October Glory Red Maple 2" Cal		54	EA	\$17,397
30475	Fruitless Sweetgum 2" Cal		54	EA	\$19,910
30898	American Linden 2" Cal		54	EA	\$18,978
30436	Thornless Honeylocust 2" Cal		52	EA	\$19,036
30597	London Planetree 2" Cal		54	EA	\$19,768
30176	Serviceberry 7' Hgt		71	EA	\$25,943

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
29136	Flowering Dogwood 7' Hgt		71	EA	\$17,675
33698	Sweetbay Magnolia 7' Hgt		71	EA	\$17,675
33498	Witch Hazel 7' Hgt		71	EA	\$20,137
29126	White Fringetree 7' Hgt		71	EA	\$28,399
29086	Eastern Redbud 7' Hgt		71	EA	\$19,879
32133	Eastern Redcedar 6' Hgt		71	EA	\$14,140
32263	Eastern White Pine 6' Hgt		71	EA	\$11,436
35392	Mary Nell Holly 6' Hgt		71	EA	\$25,171
28810	Mulch		250	CY	\$6,250
28815	Bedding Soil		480	CY	\$10,166
28820	Landscape Watering		42	MO	\$120,805
	Drainage		1	LS	
00211	Minor Str. Exc. Pipe Culvert		1,200	CY	\$15,720
00506	Bedding Matl.Aggr.No. 57		1,600	TON	\$24,064
01152	15" Conc. Pipe		4,500	LF	\$221,670
01182	18" Conc. Pipe		12,351	LF	\$875,192
01242	24" Conc. Pipe		742	LF	\$65,162
01302	30" Conc. Pipe		197	LF	\$24,322
01362	36" Conc. Pipe		219	LF	\$37,909
01482	48" Conc. Pipe		161	LF	\$33,647
01602	60" Conc. Pipe		1,136	LF	\$325,509
00525	Concrete Class A3 Misc.		183	CY	\$125,670
06180	18" End Section ES-1 Or 2		16	EA	\$15,976
06240	24" End Section ES-1 Or 2 *		2	EA	\$3,059
06300	30" End Section ES-1 Or 2		1	EA	\$1,952
06360	36" End Section ES-1 Or 2		4	EA	\$10,432
06740	Drop Inlet DI-1		6	EA	\$25,932
06741	Drop Inlet DI-1A		1	EA	\$7,481
06818	Drop Inlet DI-3B,L=6'		7	EA	\$32,447
06819	Drop Inlet DI-3B,L=8'		31	EA	\$155,230
06820	Drop Inlet DI-3B,L=10'		22	EA	\$107,399
06821	Drop Inlet DI-3B,L=12'		16	EA	\$83,453
06822	Drop Inlet DI-3B,L=14'		15	EA	\$82,942
06823	Drop Inlet DI-3B,L=16'		2	EA	\$12,368
06825	Drop Inlet DI-3B,L=20'		10	EA	\$69,299
06836	Drop Inlet DI-3C,L=8'		3	EA	\$15,077
06837	Drop Inlet DI-3C,L=10'		2	EA	\$10,562
06838	Drop Inlet DI-3C,L=12'		9	EA	\$50,057
07508	Drop Inlet DI-7		1	EA	\$5,802
09056	Manhole MH-1 or 2		438	LF	\$243,051
09057	Frame & Cover MH-1		43	EA	\$22,222
09056	SWM Riser 48" Dia		41	LF	\$34,357
00222	Bio-retention Ponds		7	EA	\$128,146
09080	Structure Adjust & Modifications		3	EA	\$2,917
01242	24" Conc. Pipe (Replace Exist.)		111	LF	\$14,721

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
00588	Underdrain UD-4		25,000	LF	\$155,500
00590	Comb. Underdrain CD-1		1,000	LF	\$30,620
00591	Comb. Underdrain CD-2		280	LF	\$8,574
00595	Outlet Pipe		420	LF	\$11,453
00596	Endwall EW-12		20	EA	\$15,277
09103	Underground SWM Facility		1	EA	\$85,319
00700	Clean / Video Drain Systems		19,250	LF	\$50,628
	Subbase & Base Courses		1	LS	
00132	Subgrade Preparation		183,965	SY	\$161,889
10100	Aggregate Base		27,172	TON	\$394,809
	Pavements		1	LS	
10635	Asphalt Conc Ty SM-9.5A	P	5,395	TON	\$456,818
10610	Asphalt Conc Ty IM-19.0A	P	4,922	TON	\$398,107
10642	Asphalt Conc Ty BM-25.0A	P	8,561	TON	\$666,315
12030	Std. Curb CG-3		52	LF	\$1,116
12600	Std. Comb. Curb & Gutter CG-6		25,546	LF	\$544,896
12700	Std. Comb. Curb & Gutter CG-7		200	LF	\$4,554
12910	Entrance Gutter CG-9A		242	SY	\$15,916
13220	Hydr. Cement Conc. Sidewalk 4"		6,944	SY	\$309,911
13108	Handicap Ramp CG-12		35	SY	\$10,080
	Retaining Walls		1	LS	
13516	MSE Walls		17,590	SF	\$970,264
	Rivanna River Bridge		1	LS	
64100	Dynamic Pile Test HP 10x42		2	EA	\$5,000
64110	Steel Piles HP 10x42		1,470	LF	\$107,633
64111	Pile Point For HP 10x42 Steel Pile		44	EA	\$4,633
64759	Driving Test For HP 10x42 Steel Pile		70	LF	\$16,992
64957	NS Drilled Shaft 7' Dia in Soil - Skanska		104	LF	\$600,046
65013	Conc Class A3		843	CY	\$657,892
61730	Str. St. Plate Girders A790 Grade 50W		1	LS	\$2,408,405
61980	Bearing Plates		8,150	LB	\$74,491
60404	Deck Conc Class A4		1,270	CY	\$759,810
60450	Conc. Cl. A4 Appr. Slab		104	CY	\$38,459
60452	Appr. Slab Resteel CR Class I		20,000	LB	\$37,400
62010	BR-27 Parapet on MSE Wall		360	LF	\$78,906
68040	Conc Sidewalk (6 1/2" Deep)		600	SY	\$35,216
68091	Conc Sidewalk Resteel CR Class I		8,200	LB	\$14,678
68522	Tooth Exp.Jt.Tooth 2" Thick		112	LF	\$151,320
67400	Deck Drainage System		1	LS	\$10,817
62043	Railing, BR 27C 3 Rails (Typ 14 & 15)		1,604	LF	\$340,416
62010	Parapet Conc A4 (Arch.)		82	CY	\$220,144
62020	F/I Bridge Steel rail - Sub		1,604	LF	\$222,680
62044	Railing, BR 27C 4 Rails (Typ 13)		802	LF	\$222,255
62043	Parapet Conc A4 (Arch.)		41	LF	\$115,161
62020	F/I Bridge Steel rail - Sub		802	LF	\$136,816



VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
65200	Reinf. Steel (Black)		132,500	LB	\$105,875
65204	CR Reinf. Steel Class I		28,500	LB	\$52,440
65204	CR Reinf. Steel Class I		331,000	LB	\$489,040
60490	Bridge Deck Grooving		2,635	SY	\$15,204
68410	Coating of New Metal on Str.		1	LS	\$59,500
62110	Concrete Surface Color Coating		27,215	SF	\$32,114
56056	Bridge Conduit System		1	LS	\$50,830
	Maintenance of Traffic		1	LS	
24273	Type III Barricade		4	EA	\$840
24278	Group 1/ 2 Channelizing Devices		20	EA	\$342
24279	Portable Changeable Message Sign		2	EA	\$26,800
50001	Construction Signs		10	EA	\$1,601
54483	Constr.Pave.Marking (Ty. B) 4"		1,100	LF	\$451
54485	Constr.Pave.Marking (Ty. B) 8"		300	LF	\$183
54489	Constr.Pave.Marking(Ty. B) 24"		30	LF	\$122
54497	Constr.P.M.Ty.B Elong. Arrow		1	EA	\$66
24282	Flagger Service		1,000	HR	\$23,730
	Lighting, Signals, ITS		1	LS	
55179	40' Pole Sgl 18' Arm w/ LED Lumin		14	EA	\$70,052
55152	Rdwy Pole Base		14	EA	\$17,024
56008	Pull / Junction Box - Buried		4	EA	\$2,656
55344	Elec Service & Controls		1	EA	\$13,923
56030	2" Conduit - Buried		647	LF	\$3,571
56031	2" Conduit - HDD		125	LF	\$10,914
55020	2 Cond Cable		2,301	LF	\$8,399
51337	50' Pole & Fndt 18' Arm w/LED Lumin		1	EA	\$51,215
51353	40/50' Pole & Fndt 18' Arm w/LED Lumin		1	EA	\$51,215
51210	Ped 10' Signal Pole w/Fndt		4	EA	\$12,508
51772	Junction Box JB-S1		1	EA	\$775
51774	Junction Box JB-S2		15	EA	\$11,625
51776	Junction Box JB-S3		1	EA	\$775
51181	Traffic Signal Heads Complete		6	EA	\$10,638
51190	Pedestrian Signal Head		4	EA	\$4,640
51800	Pedestrian Push Button		4	EA	\$872
51030	Controller Assembly w/Fndt		1	EA	\$45,168
51514	Emerg Vehicle Pre-Emption Sensor		3	EA	\$2,055
51518	Emerg Vehicle Pre-Emption Equip.		3	EA	\$10,203
51540	Loop Detector		8	EA	\$2,960
51541	Loop Assembly Complete		8	EA	\$7,480
51155	Patch Panel		1	EA	\$5,008
51170	Electrical Service SE-5 Complete		1	EA	\$4,799
51584	Conduit (2 - 3" + 1 - 2") - Buried		1,903	LF	\$55,749
51588	Conduit (2 - 3" + 1 - 2") - HDD		375	LF	\$7,748
51716	Signal Cable (Per Intersection)		1	EA	\$3,959
51672	Fiber Optic Cable		500	LF	\$3,235

VDOT		Fuel (F) or			
Item		Price (P)	Approx.		Budgeted
Code <sup>1</sup>	Item Description	Adjustment	Quantity	Units <sup>1</sup>	Cost (\$)
51678	Fiber Optic Drop		100	LF	\$462
51951	Signal Signs		6	EA	\$1,488
	Barrier, Fencing, Guardrail		1	LS	
22643	Fence FE-CL		5,866	LF	\$76,758
13320	Guardrail GR-2		410	LF	\$10,578
13383	Std GR-FOA-1 Type 1		4	EA	\$16,244
13378	Guardrail Terminal GR-9		4	EA	\$14,862
	Signing & Pavement Markings		1	LS	
50590	Multi Post GM (<100 SF)		2	EA	\$16,244
50592	Multi Post GM (100 to 200 SF)		2	EA	\$30,457
50642	Sgl Post GM (<12 SF)		15	EA	\$22,843
50644	Sgl Post GM (12 to 20 SF)		28	EA	\$56,853
50646	Sgl Post GM (21 to 30 SF)		23	EA	\$58,376
54000	Perm Pavement Markings		1	LS	\$139,404
<sup>1</sup> Use five-digit item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).					



### 4.8.3 - Proposed Monthly Payment Schedule





4.8.4 - Adjustments to Asphalt, Fuel and Steel Prices (Attachments 6.3 (a), (b) (c) & (d))

4.8.4 - Adjustments to Asphalt, Fuel & Steel Prices (Attachments 6.3)

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**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.



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**Sample Calculation of a Price Adjustment (increase)**

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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

$$B = \$0.2816$$

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

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

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

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

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**Sample Calculation of a Price Adjustment (decrease)**

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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
65206	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: 1/20/2015

Signature: 

Design-Builder: Skanska-Branch A Joint Venture

Vendor No.: VS0000089760

**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: January 20, 2015

Signature: 

Design-builder: Skanska-Branch A Joint Venture

Vendor No.: VS0000089760



4.8.5 - Proposal Guaranty (Form C-24)

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Skanska-Branch A Joint Venture As  
principal, and Fidelity and Deposit Company of Maryland/  
Zurich American 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 13th Day of January, 20 15

WHEREAS, the above said principal is herewith submitting its proposal for: Design-Build Project for Route 29 Solutions  
PROJECT NUMBER: State Project Nos: 0029-002-091 US 29 & Rio Road Grade Separated Intersection  
US 29 Widening (0029-002-135), Berkmar Drive Extension ( 9999-002--900)  
Federal Project Nos: 5104 (230) Contract ID NO. C00077383DB80

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.

Skanska-Branch A Joint Venture  
(Principal\*)  
By: [Signature]  
(Officer, Partner or Owner) (Seal)

Fidelity and Deposit Company of Maryland/Zurich American Insurance Company  
(Surety Company)  
By: [Signature]  
Valorie Spates (Attorney-in-Fact\*\*) (Seal) Attorney-in-Fact

Skanska USA Civil Southeast Inc.  
(Principal\*)  
By: [Signature]  
(Officer, Partner or Owner) (Seal)

1400 American Lane, Schaumburg, IL 60196  
(Address)  
By: \_\_\_\_\_  
(Surety Company)

Branch Highways, Inc.  
(Principal\*)  
By: [Signature]  
(Officer, Partner or Owner) (Seal)

By: \_\_\_\_\_  
(Attorney-in-Fact\*\*) (Seal)  
By: \_\_\_\_\_  
(Address)

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

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

\*\*Attach copy of Power of Attorney

ACKNOWLEDGEMENT OF CONTRACTOR, IF A CORPORATION

STATE OF Virginia ,)  
COUNTY OF Virginia Beach  
City

ON THE 14th DAY OF January, 2015, BEFORE BE PERSONALLY CAME  
Michael P. Higgins TO ME KNOWN, WHO, BEING BY ME  
DULY SWORN, DID DEPOSE AND SAY THAT (S)HE RESIDES AT  
Maryland, THAT (S)HE IS THE  
Vice President OF Branch Highways, Inc., THE  
CORPORATION DESCRIBED IN AND WHICH EXECUTED THE ABOVE INSTRUMENT; AND  
THAT (S)HE SIGNED HIS/HER NAME THERETO BY ORDER OF THE BOARD OF DIRECTORS  
OF SAID CORPORATION.

Heather M. Rowland  
Notary Public





ACKNOWLEDGEMENT OF CONTRACTOR, IF A CORPORATION

STATE OF Virginia )

~~COUNTY OF Virginia Beach~~)  
City

ON THE 14<sup>th</sup> DAY OF January, 2015, BEFORE BE PERSONALLY CAME  
Salvatore F. Taddio TO ME KNOWN, WHO, BEING BY ME  
DULY SWORN, DID DEPOSE AND SAY THAT (S)HE RESIDES AT  
Virginia, THAT (S)HE IS THE  
Executive Vice President OF Skanska USA Civil Southeast Inc., THE  
CORPORATION DESCRIBED IN AND WHICH EXECUTED THE ABOVE INSTRUMENT; AND  
THAT (S)HE SIGNED HIS/HER NAME THERETO BY ORDER OF THE BOARD OF DIRECTORS  
OF SAID CORPORATION.

Heather M. Rowland

Notary Public





ACKNOWLEDGEMENT BY JOINT VENTURE

STATE OF Virginia  
COUNTY OF City of Virginia Beach

ON THE 14th DAY OF January 2015, BEFORE ME PERSONALLY CAME Salvatore Tackett MEMBER OF THE JOINT VENTURE OF Skanska-Branch A Joint Venture TO ME KNOWN AND KNOWN TO ME TO BE THE PERSON DESCRIBED IN AND WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT (S)HE EXECUTED THE SAME AS AND FOR THE ACT AND DEED OF THE SAID JOINT VENTURE.

Heather M. Rowland  
Notary Public



ACKNOWLEDGEMENT OF SURETY

STATE OF NEW YORK,  
COUNTY OF NASSAU,)

ON THE 13th DAY OF January, 2015, BEFORE ME PERSONALLY CAME Valorie Spates TO ME KNOWN, WHO, BEING BY ME DULY SWORN, DID DEPOSE AND SAY THAT (S)HE RESIDES AT Queens County, New York THAT (S)HE IS THE ATTORNEY-IN-FACT OF Fidelity and Deposit Company of Maryland and Zurich American Insurance Company THE CORPORATION DESCRIBED IN AND WHICH EXECUTED THE ABOVE INSTRUMENT; THAT (S)HE KNOWS THE SEAL OF SAID CORPORATION; THAT ONE OF THE SEALS AFFIXED TO THE FOREGOING INSTRUMENT IS SUCH SEAL; THAT IT WAS SO AFFIXED BY ORDER OF THE BOARD OF DIRECTORS OF SAID CORPORATION; AND THAT (S)HE SIGNED HIS/HER NAME THERETO BY LIKE ORDER.

Anne L. Potter  
Notary Public

ANNE L. POTTER  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01PO6283845  
Qualified in Queens County  
My Commission Expires June 17, 2017

**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 **Nancy SCHNEE, Andrea E. GORBERT, Annette LEUSCHNER, Valerie SPATES, Beverly A. WOOLFORD and Anne POTTER, all of Jericho, New York, 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 15th day of December, A.D. 2014.

**ATTEST:**

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



By: *Eric D. Barnes*  
*Secretary*  
*Eric D. Barnes*

*Thomas O. McClellan*  
*Vice President*  
*Thomas O. McClellan*

State of Maryland  
County of Baltimore

On this 15th day of December, A.D. 2014, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, 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.

*Constance A. Dunn*

Constance A. Dunn, Notary Public  
My Commission Expires: July 14, 2015



**EXTRACT FROM BY-LAWS OF THE COMPANIES**

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

**CERTIFICATE**

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 13th day of January, 2015.



*Michael Bond*

Michael Bond, Vice President



**FIDELITY AND DEPOSIT COMPANY**

OF MARYLAND

600 Red Brook Blvd., Suite 600, Owings Mills, MD 21117

**Statement of Financial Condition**

As Of December 31, 2013

**ASSETS**

Bonds.....	\$ 139,272,722
Stocks .....	22,258,887
Cash and Short Term Investments.....	6,595,113
Reinsurance Recoverable .....	17,970,134
Other Accounts Receivable .....	33,409,916
<b>TOTAL ADMITTED ASSETS.....</b>	<b>\$ 219,506,772</b>

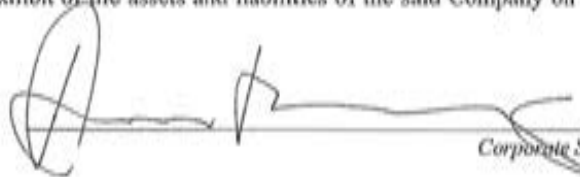
**LIABILITIES, SURPLUS AND OTHER FUNDS**

Reserve for Taxes and Expenses .....	\$ 1,787,480
Ceded Reinsurance Premiums Payable.....	42,146,005
Securities Lending Collateral Liability.....	6,613,750
<b>TOTAL LIABILITIES .....</b>	<b>\$ 50,547,235</b>
Capital Stock, Paid Up.....	\$ 5,000,000
Surplus.....	163,959,537
Surplus as regards Policyholders .....	168,959,537
<b>TOTAL.....</b>	<b>\$ 219,506,772</b>

Securities carried at \$58,378,690 in the above statement are deposited with various states as required by law.

Securities carried on the basis prescribed by the National Association of Insurance Commissioners. On the basis of market quotations for all bonds and stocks owned, the Company's total admitted assets at December 31, 2013 would be \$223,222,696 and surplus as regards policyholders \$172,675,461.

I, DENNIS F. KERRIGAN, Corporate Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company on the 31st day of December, 2013.

  
 \_\_\_\_\_  
 Corporate Secretary

State of Illinois }  
City of Schaumburg } SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 15th day of March, 2014.

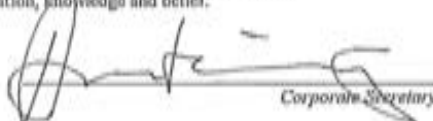
  
 \_\_\_\_\_  
 Notary Public



**ZURICH AMERICAN INSURANCE COMPANY**  
**COMPARATIVE BALANCE SHEET**  
**ONE LIBERTY PLAZA, 165 BROADWAY, 32nd FLOOR, NEW YORK, NY 10006**  
**As of December 31, 2013 and December 31, 2012**

	12/31/2013	12/31/2012
<b>Assets</b>		
Bonds	\$ 18,990,565,123	\$ 18,907,466,866
Preferred Stock	-	-
Common Stock	2,411,755,638	2,123,025,432
Other Invested Assets	2,505,133,631	2,035,077,824
Short-term Investments	327,019,081	126,053,209
Receivable for securities	123,767,863	134,410,839
Cash and cash equivalents	(65,045,469)	728,298,115
Securities lending reinvested collateral assets	208,060,537	225,335,750
Employee Trust for Deferred Compensation Plan	142,420,097	130,493,778
Total Cash and Invested Assets	\$ 24,643,676,503	\$ 24,410,161,814
Premiums Receivable	\$ 3,358,946,105	\$ 3,649,247,239
Funds Held with Reinsurers	2,383,155	3,681,443
Reinsurance Recoverable	391,812,478	215,451,507
Accrued Investment Income	113,886,701	121,729,727
Federal Income Tax Recoverable	940,033,456	930,267,731
Due from Affiliates	183,852,738	187,274,289
Other Assets	549,410,032	493,265,075
Total Assets	\$ 30,184,001,188	\$ 30,011,078,824
<b>Liabilities and Policyholders' Surplus</b>		
<b>Liabilities:</b>		
Loss and LAE Reserves	\$ 13,894,112,327	\$ 14,244,436,264
Unearned Premium Reserve	4,321,146,577	4,159,670,241
Funds Held with Reinsurers	185,460,548	212,412,675
Loss In Course of Payment	357,922,606	408,170,112
Commission Reserve	68,132,284	64,038,359
Federal Income Tax Payable	290,773,995	16,190,044
Remittances and Items Unallocated	111,710,550	196,410,982
Payable to parent, subs and affiliates	154,428,297	57,540,814
Provision for Reinsurance	43,942,761	66,649,220
Ceded Reinsurance Premiums Payable	807,651,125	551,510,878
Securities Lending Collateral Liability	208,060,537	225,335,750
Other Liabilities	1,942,241,242	2,166,453,164
Total Liabilities	\$ 22,385,582,849	\$ 22,368,818,502
<b>Policyholders' Surplus:</b>		
Common Capital Stock	\$ 5,000,000	\$ 5,000,000
Paid-In and Contributed Surplus	4,394,131,321	4,394,131,321
Surplus Notes	-	430,000,000
Special Surplus Funds	34,865,000	43,259,000
Cumulative Unrealized Gain	505,136,565	331,857,594
Unassigned Surplus	2,859,285,454	2,438,012,408
Total Policyholders' Surplus	\$ 7,798,418,339	\$ 7,642,260,323
Total Liabilities and Policyholders' Surplus	\$ 30,184,001,188	\$ 30,011,078,824

I, Dennis F. Kerrigan, Corporate Secretary of ZURICH AMERICAN INSURANCE COMPANY do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company, on the 31st day of December, 2013, according to the best of my information, knowledge and belief.

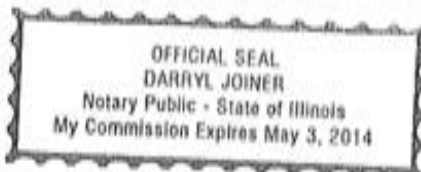
  
 \_\_\_\_\_  
 Corporate Secretary

State of Illinois  
 County of Cook

} SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 15th day of March, 2014.

  
 \_\_\_\_\_  
 Notary public





4.8.6 - Sworn Statements (Forms C-104 & C-105)



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: Design-Build Project for Route 29 Solutions, ID# C00077383DB80

FHWA: 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 Virginia Beach, VA, this 20th day of January, 20 15  
County (City), STATE

Skanska-Branch A Joint Venture By: [Signature] Principal Officer  
(Name of Firm) (Signature) Title (print)

STATE of Virginia COUNTY (CITY) of Virginia Beach

To-wit: Heather M. Rowland, a Notary Public in and for the State and  
County(City) aforesaid, hereby certify that this day Salvatore Taddeo

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 December 31, 2017  
Notary Public

OR

**UNSWORN DECLARATION**

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

Signed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_  
County (City), STATE

By: \_\_\_\_\_ Title (print)  
(Name of Firm) (Signature)





COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT

PROJECT: Design-Build Project for Route 29 Solutions, ID# C00077383DB80

FHWA: 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
VTCA	620 Moorefield Park Dr. Richmond, VA
_____	_____
_____	_____

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.: C00077383DB80

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

Skanska-Branch A Joint Venture By: [Signature] Principal Officer  
(Name of Firm) (Signature) Title (print)

STATE of Virginia COUNTY (CITY) of Virginia Beach

To-wit:

I Heather M. Rowland, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Salvatore Taddeo

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 December 31, 2017  
Notary Public



**SKANSKA**



295 Bendix Road, Suite 400  
Virginia Beach, VA 23452  
Phone: 757.420.4140