Price Proposal

Letter of Submittal and Attachments

VDOT
Virginia Department of Transportation

Route 3 Widening

Design-Build Project

From: 4.1 Miles East Rte. 29
To: 4.0 Miles West Of Culpeper/Orange County Line
Culpeper County, Virginia

Pictures shown are similar to Route 3 in size and scope

State Project No.: 0003-023-107, P101, R201, C501
Federal Project No.: STP-023-7(028)
Contract ID Number: C00014657DB56

BranchHighways

JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future®

September•20•2013

ATTACHMENT 4.0.1.2

DESIGN-BUILD PRICE PROPOSAL CHECKLIST

Project Name: Route 3 Widening
Contract ID Number: C00014657DB56

➢ Contents of Price Proposal:

- ☑ **Cost Breakdown Summary in whole numbers and Proposal Price in both numbers and words (Attachment 4.3.1)**
- ☑ **Schedule of Values identifying the material quantities and costs of each work package using the WBS established in the Proposal Schedule (Attachment 4.3.2)**
- ☑ **Monthly payment schedule**
- ☑ **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 4.3.6(a) and 4.3.6(b))**
- ☑ **DBE Requirements Forms (C-111, C-49 and C-112) as applicable (Attachments 4.3.7(a), 4.3.7(b) and 4.3.7(c))**
- ☑ **CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**

ATTACHMENT 4.3.1

ATTACHMENT 4.3.1 - PRICE PROPOSAL FORM

ATTACHMENT 4.3.1

PRICE PROPOSAL FORM

4.3.1 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	$ 1,708,030.00
Mobilization (Construction), LS	$ 737,000.00
Quality Assurance (QA) (Construction), LS	$ 700,000.00
Quality Control (QC) (Construction), LS	$ 150,000.00
Earthwork, LS	$ 4,076,875.00
Roadway Incidentals, LS	$ 1,232,881.00
Drainage (Structures), LS	$ 1,757,981.00
Utilities, LS	$ 2,699,800.00
Pavement, LS	$ 9,865,943.00
Permanent Traffic Control/Signage, LS	$ 129,545.00
Maintenance of Traffic, LS	$ 535,400.00
Public Involvement	$ 0
All Others Costs, LS	$ 0

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

Lump Sum (LS): Twenty Three Million Five Hundred Ninety-Three Thousand Thirty Five Four Hundred Fifty-five dollars and no cents ($ 23,593,455.00)

Signature: _____ Date: 09-20-13

Design-Builder: BRANCH HIGHWAYS, INC.

Vendor No.: B319

VDOT
Virginia Department of Transportation

SECTION 4.3.2
ATTACHMENT 4.3.2 – SCHEDULE OF VALUES

BranchHighways

Attachment 4.3.2

Route 3 Widening

State Project 0003-023-107, P101, R201, C501

SCHEDULE OF VALUES

This schedule of values shall identify the material quantities and costs of each proposed work package, using the WBS established in the Proposal Schedule submitted by the Offeror. The material quantities and costs listed for each proposed work package shall, to the extent possible, correspond to VDOT's list of standard and non-standard pay items. Any items considered for price adjustments shall be identified. The value associated with each work task shall be inclusive of all direct and indirect costs, overhead, profit and any other expenses of any kind. The values and quantities shall be clearly supported by the escrowed pricing documents.

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
0	Route 3 Widening						$23,593,455.00
95	Contract NTP						$0.00
105	Design, Right-of-Way & Permitting						$0.00
431	QA/QC Plan for Design						$5,819,830.00
432	Prepare Quality Assurance and Quality Control (QA/QC) Plan						$323,030.00
			00100	MOBILIZATION	1.00	LS	$280,000.00
			00104	DESIGN BUILD	1.00	LS	$43,030.00
433	Submit QA/QC Plan - Present to VDOT						$0.00
436	QA/QC Plan Approval						$0.00
437	Scope Valldation Period						$100,000.00
438	Scope Validation Investigations and Findings Report Submittal		00104	DESIGN BUILD	1.00	LS	$100,000.00
440	Develop & Submit Field Inspection/Right-of-Way (FI/RW), Line & Grade, LOD						$200,000.00
658	Develop FI/RW Plans-30% Plans		00104	DESIGN BUILD	1.00	LS	$200,000.00
441	VDOT Review and Approved FI/RW						$0.00
737	RI/RW Plans Approved						$0.00
443	Supplemental Field Surveys						$112,000.00
445	Prepare Property Owner Notification Letters for Survey						$0.00
446	Supplemental Field Surveys		00104	DESIGN BUILD	1.00	LS	$100,000.00
447	Stake Geotechnical Boring Locations						$0.00
448	Prepare Updated Survey File						$0.00
449	Set ROW Monumentation after Substantial Completion		13210	R/W MONUMENT RM-1	120.00	EA	$12,000.00
450	Utilities-Delineation, SUE						$50,000.00
451	Prepare Property Owner Notification Letters for Subsurface Utility Engineering (SUE)						$0.00
452	Perform SUE Designations and Test Holes		00104	DESIGN BUILD	1.00	LS	$50,000.00
453	Prepare Test Hole Data Sheets						$0.00
455	Meet with VDOT Regional Utility Manager 45 days after NTP						$0.00
456	Meet with Utility Owners						$0.00
457	Determine Prior Rights						$0.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
458	Prepare Preliminary Utility Status Report due 120 days after NTP						$0.00
459	Prepare and Submit Updated Subsurface Utility Information						$0.00
524	**Utility Design (By Others)**						$50,000.00
738	Utility Design Starts		00104	DESIGN BUILD	1.00	LS	$50,000.00
516	Columbia Gas Plan and Estimate						$0.00
517	Williams Gas Plan and Estimate						$0.00
518	Dominion Power Plan and Estimate (Distribution)						$0.00
519	Dominion Power Plan and Estimate (Transmission)						$0.00
520	Verizon Plan and Estimate						$0.00
521	Level 3 Plan and Estimate						$0.00
522	Fiberlight Plan and Estimate						$0.00
523	AT&T Plan and Estimate						$0.00
744	CenturyLink Plan and Estimate						$0.00
525	Review Utility P & E and Issue Letter of No Conflict with Proposed Design						$0.00
526	DB Team Received Written Approval from VDOT to Commence Relocations						$0.00
396	**Geotechnical Engineering and Subsurface Investigations**						$75,000.00
397	Complete Boring Location Plan						$0.00
398	Prepare Property Owner Notification Letters for Geotechnical Investigations						$0.00
399	Secure Permits and Clear Utilities as Required						$0.00
734	Boring Logs and Lab Work for Scope Validation						$0.00
400	Subsurface Investigations		00104	DESIGN BUILD	1.00	LS	$75,000.00
401	Boring Logs and Lab Work						$0.00
684	**Geotechnical Engineering and Analysis and Reports**						$50,000.00
685	Geotech Design & Submit-Pavement Report		00104	DESIGN BUILD	1.00	LS	$50,000.00
686	Geotech Design & Submit-Structure Reports (Culverts)						$0.00
687	Geotech Design & Submit-Roadway and Slopes Report						$0.00
688	Geotech Design & Submit-Storm Water Reports						$0.00
689	Agency Review -Pavement Report						$0.00
680	Agency Review -Structure Reports (Culverts)						$0.00
681	Agency Review -Roadway and Slopes Report						$0.00
682	Agency Review -Storm Water Reports						$0.00
683	Resolve Review Comments and Submit Final - Pavement Report						$0.00
678	Resolve Review Comments and Submit Final - Structure Reports (Culverts)						$0.00
679	Resolve Review Comments and Submit Final - Roadway and Slopes Report						$0.00
677	Resolve Review Comments and Submit Final - Storm Water Reports						$0.00
415	**Environmental and Permits**						$50,000.00
416	Prepare Property Owner Letters (POL) for Environmental Surveys		00104	DESIGN BUILD	1.00	LS	$50,000.00
417	**Endangered Species**						$0.00
418	Conduct survey and prepare Threatened and Endangered Species Evaluation Report						$0.00
419	DCR, DGIF, USFWS Review and Approval of Threatened and Endangered Species Report						$0.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
425	**Hazardous Materials Investigations**						$0.00
430	Asbestos Inventory Report (Project Wide)						$0.00
336	VDOT Review and Approval of Hazardous Materials Reports						$0.00
337	**Water Quality Permitting and Stormwater Monitoring**						$160,000.00
340	Prepare and Submit Joint Permit Application		00104	DESIGN BUILD	1.00	LS	$60,000.00
341	USACE Issue Section 404 Permit						$0.00
342	VA Dept of Env Qualtity (DEQ) Issue VA Water Protection Permit (VWPP)						$0.00
343	VA Marine Resource Commision (VMRC) Issues Sub-Aqueous Bed (SBP) Permit-Brook Run						$0.00
344	Develop SWPPP and Submit VA Storm Water Management Permit Application (VSMP)-30 days prior to construction		00104	DESIGN BUILD	1.00	LS	$100,000.00
345	VDOT Review & DCR Issues VSMP Hold Point- Constr. Begins						$0.00
739	VSMP Permit Issued						$0.00
675	FAA Notice of Construction-As required						$0.00
353	**Roadway**						$100,000.00
704	Address FI/RW Review Comments						$0.00
354	Horizontal and Vertical Geometry, SE, Typical Sections		00104	DESIGN BUILD	1.00	LS	$100,000.00
355	Cross Sections and Limits of Disturbance						$0.00
705	Submit 60% Roadway Plans						$0.00
655	VDOT Review						$0.00
657	Address 60% Review Comments and Submit 100% Roadway Plans						$0.00
656	VDOT Review						$0.00
659	Address 100% Review Comments and Receive VDOT Approval on RFC Roadway Plans						$0.00
740	RFC Plans Approved						$0.00
366	**Hydraulics**						$200,000.00
367	30% H & HA Analysis for Culverts, incl Scour Analysis and Culvert Locations		00104	DESIGN BUILD	1.00	LS	$200,000.00
320	VDOT Review of 30% H & HA						$0.00
321	50% H & HA Analysis, incl Scour Analysis and Culvert Locations						$0.00
322	VDOT Review of 50% H & HA						$0.00
323	100% H & HA Analysis,incl Scour Analysis and Culvert Locations						$0.00
324	VDOT Review and Approval of 100% H & HA-Hold Point						$0.00
325	Drainage Design						$0.00
326	SWM Design & Post Construction SWM Plan						$0.00
327	Multi-Phased ESC Plans & Narrative & SWPPP						$0.00
328	Preliminary Drainage, SWM and ESC Plans and Submittal						$0.00
329	VDOT Review of Preliminary Drainage, SWM & ESC						$0.00
330	Final Drainage, SWM and ESC Plans and Modification VSMP/SWPPP Permit						$0.00
331	VDOT Review & Approval Final SWM, Drainage, DCR VSMP/SWPPP Permit Mod-Hold Point						$0.00
332	**Traffic Engineering**						$50,000.00
635	Develop Existing Sign Inventory Plan						$0.00
634	Develop Lighting Warrant Analysis and Report		00104	DESIGN BUILD	1.00	LS	$50,000.00
333	Signing (including PMSD), Pavement Marking, Lighting (if warranted), Signal Conduit Design,MOT Plans and Draft TMP-60% Submittal						$0.00
695	VDOT Review						$0.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
696	Address 60% Review Comments, Submit 100% MOT, Signing, Pavement Marking, Lighting (if warranted), Signal Conduit Design and Final TMP						$0.00
697	VDOT Review						$0.00
698	Address 100% Review Comments and Receive VDOT Approval on RFC MOT, Signing, Pavement Marking, Lighting (if warranted), Signal Conduit Plans and TMP						$0.00
741	TMP Plan Approved						$0.00
107	**VDOT Right of Way Work**						$200,000.00
480	Complete ROW Plan and Profile, D#'s, Right of Way Data Sheet Per form RW-301 Checklist, Plats and Metes & Bounds						$0.00
481	Receive ROW Plan Approval for Perm & Temp Easements, Utility Easements from VDOT						$0.00
482	Prepare and Submit Acquisition and Relocation Plan including Proposed Appraisers & Reviewers						$0.00
483	VDOT Review and Approve Acquisition and Relocation Plan - Hold Point						$0.00
485	VDOT Issue Notice to Proceed for ROW Acquisitions- Hold Point						$0.00
486	Title Exam, Appraisals, Appraisal Reviews, Titles, Report		00104	DESIGN BUILD	1.00	LS	$200,000.00
487	Post Appraisal & Appraisal Reviews to RUMS						$0.00
488	VDOT Review & Approval Appraisal Packages, Just Compensation, Relocation Benefits and Administrative Settlements-Acquisitions						$0.00
489	Initiate ROW/Easements Negotiations, Acquisition incl. RW24's						$0.00
690	Make Offers to Property Owners						$0.00
701	Property Owner Accepts Offer						$0.00
691	Request Right of Entry-As Neccesary						$0.00
702	Property Owner Accepts ROE						$0.00
742	ROE Granted						$0.00
699	VDOT Concurrence on ROE-As Necessary						$0.00
700	VDOT Issue Certificate of Take and Files in Court, if Impass is Reached						$0.00
491	VDOT Process Vouchers and Issue State Warrants for Payments to Contractor for Acquisitions						$0.00
472	VDOT Process Vouchers and Issue State Warrants for Payments to Contractor for Relocations						$0.00
473	Closing and Settlement Payment Disbursement and Indefensible Title to VDOT-Acquisitions						$0.00
474	Closing and Settlement Payment Disbursement and Indefensible Title to VDOT-Relocations						$0.00
475	VDOT/FHWA Issue Clearance for Construction - Acquisitions-Hold Point						$0.00
476	VDOT/FHWA Issue Clearance for Construction - Relocations-Hold Point						$0.00
528	**CONSTRUCTION**						$0.00
529	**Mobilization (6/2/2014)**						$1,400,000.00
			00100	MOBILIZATION	1.00	LS	$300,000.00
			00101	CONSTRUCTION SURVEYING	1.00	LS	$250,000.00
672	Submit QA/QC for Construction						$0.00
692	Submit QA/QC Plan - Present to VDOT						$0.00
673	VDOT Review						$0.00
693	Revise and Resubmit QA/QC Plan						$0.00
674	Submit Final QA/QC for Design and Construction						$0.00
530	Citizens Information Meeting						$0.00
531	Construction Survey						$0.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
532	Project management / QA & QC		00104	DESIGN BUILD	1.00	LS	$850,000.00
725	Utility Relocation						$2,699,800.00
726	Columbia Gas Relocation		00104	DESIGN BUILD	1.00	LS	$94,000.00
727	Williams Gas Relocation		00104	DESIGN BUILD	1.00	LS	$1,620,300.00
728	Dominion Power Relocation (Distribution)		00104	DESIGN BUILD	1.00	LS	$885,500.00
729	Dominion Power Relocation (Transmission)		00104	DESIGN BUILD	1.00	LS	$100,000.00
730	Verizon Relocation						$0.00
731	Level 3 Relocation						$0.00
732	Fiberlight Relocation						$0.00
733	AT&T Relocation						$0.00
	CENTURY LINK						$0.00
533	Phase 1						$0.00
534	Area 1 Sta. 1101 - 1203 WBL						$3,592,284.50
535	Maintenance of Traffic						$159,275.00
			00111	CLEARING AND GRUBBING	1.00	LS	$43,750.00
			24273	TYPE III BARRICADE	3.00	EA	$750.00
			24278	GROUP 2 CHANNELIZING DEVICES	55,000.00	DAY	$55,000.00
			24279	PORTABLE CHANGEABLE MESSAGE SIGN	17,500.00	HR	$35,000.00
			24282	FLAGGER SERVICE	100.00	HR	$2,000.00
			24287	WARNING LIGHT TY. A	1,250.00	DAY	$1,875.00
			24160	CONSTRUCTION SIGNS	150.00	SF	$3,000.00
			27600	CLOSING WELL	2.00	EA	$3,800.00
			70012	CLOSE SEPTIC TANK	2.00	EA	$1,100.00
			70100	REMOVE AND DISPOSE OF FRIABLE ASBESTOS	250.00	SF	$5,000.00
			70000	DEMO EXISTING BUILDINGS	4.00	EA	$8,000.00
536	R/W Fence						$50,126.00
			24602	REMOVE EXISTING FENCE	7,013.00	LF	$14,026.00
			22501	FENCE FE-W1	5,444.00	LF	$21,776.00
			22541	LINE BRACE UNIT FE-W1,FE-W2	2.00	EA	$400.00
			22581	CORNER BRACE UNIT FE-W1,FE-W2	4.00	EA	$800.00
			22643	FENCE FE-CL	248.00	LF	$3,720.00
			22653	LINE BRACE UNIT FE-CL	4.00	EA	$500.00
			22681	FENCE FE-B	1,326.00	LF	$5,304.00
			22677	GATE FE-CL L=14	4.00	EA	$3,600.00
537	Erosion Control						$72,250.00
			09150	EROS.CONTR.STONE CL. I, EC-1	200.00	TON	$8,000.00
			26117	DRY RIPRAP CL. AI	4.00	TON	$200.00
			26119	DRY RIPRAP CL.I 18"	50.00	TON	$2,750.00
			24100	ALLAYING DUST	600.00	HR	$15,000.00
			27410	CHECK DAM, ROCK TY. I	31.00	EA	$3,100.00
			27415	CHECK DAM(ROCK) TY. II	68.00	EA	$5,100.00
			27450	DROP INLET SILT TRAP, TYPE A	4.00	EA	$400.00
			27460	DROP INLET SILT TRAP, TYPE B	2.00	EA	$400.00
			27505	TEMP. SILT FENCE	14,920.00	LF	$37,300.00
538	Earthwork						$1,647,730.00
		F	27545	STORM WATER MAN. BASIN EXCAVATION	7,250.00	CY	$72,500.00
		F	00120	REGULAR EXCAVATION	65,023.00	CY	$650,230.00
		F	00270	SELECT MATERIAL CBR-30	11,300.00	TON	$113,000.00
			10028	MANIPULATION 8"	100,000.00	SY	$400,000.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
			10000	LIME	2,000.00	TN	$412,000.00
539	Storm Drainage						$384,862.00
			27550	STORM WATER MAN.DRAIN.STR.SWM	24.00	LF	$24,480.00
			00525	CONCRETE CLASS A3 MISC.	141.00	CY	$141,000.00
			01150	15" PIPE	350.00	LF	$15,750.00
			01180	18" PIPE	552.00	LF	$44,160.00
			01182	18" CONC. PIPE	162.00	LF	$12,960.00
			01240	24" PIPE	104.00	LF	$9,360.00
			01242	24" CONC. PIPE	50.00	LF	$4,500.00
			01300	30" PIPE	300.00	LF	$33,000.00
			01360	36" PIPE	90.00	LF	$13,500.00
			01480	48" PIPE	166.00	LF	$33,200.00
			06150	15" END SECTION ES-1 OR 2	18.00	EA	$9,000.00
			06180	18" END SECTION ES-1 OR 2	6.00	EA	$4,800.00
			06300	30" END SECTION ES-1 OR 2	2.00	EA	$2,400.00
			06360	36" END SECTION ES-1 OR 2	4.00	EA	$6,000.00
			06740	DROP INLET DI-1	2.00	EA	$8,000.00
			06820	DROP INLET DI-3B,L=10'	3.00	EA	$18,600.00
			09056	MANHOLE MH-1 OR 2	6.00	LF	$3,552.00
			09057	FRAME & COVER MH-1	1.00	EA	$600.00
540	Underdrain						$10,024.00
			00590	COMB. UNDERDRAIN CD-1	400.00	LF	$8,000.00
			00595	OUTLET PIPE	68.00	LF	$1,020.00
			00596	ENDWALL EW-12	2.00	EA	$1,004.00
541	Asphalt Pavement						$1,532,839.50
			10100	AGGR. MATL. NO. 21B	30,966.00	TON	$619,320.00
			10103	AGGR. MATL. NO. 25 OR 26	250.00	TON	$5,000.00
			12020	STD. CURB CG-2	5,668.00	LF	$68,016.00
			12022	RADIAL CURB CG-2	68.00	LF	$816.00
			12700	STD. COMB. CURB & GUTTER CG-7	102.00	LF	$1,530.00
			12710	RAD. COMB. CURB & GUTTER CG-7	8.50	LF	$127.50
			21020	MEDIAN STRIP MS-1A	1,133.00	SY	$79,310.00
		F	10635	ASPHALT CONCRETE TY. SM-9.5A	122.00	TON	$10,980.00
		F	10610	ASPHALT CONCRETE TY. IM-19.0A	2,482.00	TON	$173,740.00
		F	10612	ASPH.CONC.BASE CR. TY. BM-25.0	8,200.00	TON	$574,000.00
542	Guardrail						$45,200.00
			13320	GUARDRAIL GR-2	1,200.00	LF	$27,000.00
			13347	ST'D GR-7	4.00	EA	$8,400.00
			13345	ST'D GR-9	4.00	EA	$8,400.00
			13315	ST'D GR-11	2.00	EA	$1,400.00
543	Seeding						$57,690.00
			27102	PERM SEED	4.00	AC	$9,140.00
			27103	TEMP.SEED	2.00	AC	$3,000.00
			27321	PROTECTIVE COVERING EC-2	6,700.00	SY	$16,750.00
			27326	SOIL STAB. MAT EC-3 TYPE B	3,600.00	SY	$28,800.00
544	Signs						$9,252.00
			50600	REMOVE TY.I SIGNS	12.00	EA	$1,200.00
			50902	RELOC.EXIST.SIGN STRUCT.TY. I	12.00	EA	$1,500.00
			50434	SIGN POST STP-1 2 1/2"	234.00	LF	$6,552.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
545	Temp Pavement Marking						$31,036.00
			54552	CONST.PAVE.MARK.(TY.F.CL.II) 4"	19,000.00	LF	$19,000.00
			54556	CONST.PAVE.MARK.(TY.F.CL.II) 8"	3,458.00	LF	$6,916.00
			54564	CONST.PAVE.MARK.(TY.F.CL.II) 24"	20.00	LF	$120.00
			54105	ERADICATION OF EXIST.PAVE.MARKING	5,000.00	LF	$5,000.00
546	Area 1 Clean & Dress						$4,000.00
			13215	MAILBOX POST,SINGLE	10.00	EA	$1,500.00
			50108	SIGN PANEL	100.00	SF	$2,500.00
547	Traffic Switch						$0.00
548	Area 2 Sta.1199 - 1291 EBL						$2,798,627.00
549	Maintenance of Traffic						$142,925.00
			00111	CLEARING AND GRUBBING	1.00	LS	$43,750.00
			27600	CLOSING WELL	2.00	EA	$3,800.00
			70012	CLOSE SEPTIC TANK	2.00	EA	$1,100.00
			70100	REMOVE AND DISPOSE OF FRIABLE ASBESTOS	250.00	SF	$5,000.00
			70000	DEMO EXISTING BUILDINGS	3.00	EA	$6,000.00
			24260	CR. RUN AGGR. NO. 25 OR 26	40.00	TON	$800.00
			24271	TRUCK MOUNTED CRASH CUSHION	100.00	HR	$3,000.00
			24273	TYPE III BARRICADE	3.00	EA	$750.00
			24278	GROUP 2 CHANNELIZING DEVICES	55,000.00	DAY	$55,000.00
			24287	WARNING LIGHT TY. A	1,250.00	DAY	$1,875.00
			24160	CONSTRUCTION SIGNS	150.00	SF	$3,000.00
			24100	ALLAYING DUST	634.00	HR	$15,850.00
			24282	FLAGGER SERVICE	150.00	HR	$3,000.00
550	R/W Fence						$59,470.00
			22681	FENCE FE-B	1,512.00	LF	$6,048.00
			22501	FENCE FE-W1	7,946.00	LF	$31,784.00
			22541	LINE BRACE UNIT FE-W1,FE-W2	1.00	EA	$200.00
			22581	CORNER BRACE UNIT FE-W1,FE-W2	3.00	EA	$600.00
			24602	REMOVE EXISTING FENCE	10,419.00	LF	$20,838.00
551	Erosion Control						$47,972.50
			09150	EROS.CONTR.STONE CL. I, EC-1	200.00	TON	$8,000.00
			26117	DRY RIPRAP CL. AI	4.00	TON	$200.00
			26119	DRY RIPRAP CL.I 18"	50.00	TON	$2,750.00
			27410	CHECK DAM, ROCK TY. I	25.00	EA	$2,500.00
			27415	CHECK DAM(ROCK) TY. II	80.00	EA	$6,000.00
			27450	DROP INLET SILT TRAP, TYPE A	4.00	EA	$400.00
			27460	DROP INLET SILT TRAP, TYPE B	1.00	EA	$200.00
			27505	TEMP. SILT FENCE	11,169.00	LF	$27,922.50
552	Earthwork						$612,860.00
		F	00120	REGULAR EXCAVATION	15,000.00	CY	$150,000.00
		F	00140	BORROW EXCAVATION	28,986.00	CY	$289,860.00
			00155	GEOTEXTILE (EMBANKMENT STABILIZATION)	10,000.00	SY	$10,000.00
		F	00270	SELECT MATERIAL CBR-30	11,300.00	TON	$113,000.00
		F	27545	STORM WATER MAN. BASIN EXCAVATION	5,000.00	CY	$50,000.00
553	Storm Drainage						$314,312.00
			27550	STORM WATER MAN.DRAIN.STR.SWM	32.00	LF	$32,640.00
			00525	CONCRETE CLASS A3 MISC.	11.50	CY	$11,500.00
			01150	15" PIPE	450.00	LF	$20,250.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
			01152	15" CONC. PIPE	658.00	LF	$46,060.00
			01180	18" PIPE	250.00	LF	$20,000.00
			01182	18" CONC. PIPE	57.00	LF	$4,560.00
			01240	24" PIPE	100.00	LF	$9,000.00
			01300	30" PIPE	300.00	LF	$33,000.00
			01360	36" CONCRET PIPE CLASS IV	167.00	LF	$75,150.00
			06150	15" END SECTION ES-1 OR 2	18.00	EA	$9,000.00
			06300	30" END SECTION ES-1 OR 2	2.00	EA	$2,400.00
			06740	DROP INLET DI-1	7.00	EA	$28,000.00
			06820	DROP INLET DI-3B,L=10'	3.00	EA	$18,600.00
			09056	MANHOLE MH-1 OR 2	6.00	LF	$3,552.00
			09057	FRAME & COVER MH-1	1.00	EA	$600.00
554	Underdrain						$10,504.00
			00590	COMB. UNDERDRAIN CD-1	400.00	LF	$8,000.00
			00595	OUTLET PIPE	100.00	LF	$1,500.00
			00596	ENDWALL EW-12	2.00	EA	$1,004.00
555	Asphalt Pavement						$1,454,523.50
			10100	AGGR. MATL. NO. 21B	28,500.00	TON	$570,000.00
			10103	AGGR. MATL. NO. 25 OR 26	250.00	TON	$5,000.00
		F	10635	ASPHALT CONCRETE TY. SM-9.5A	122.00	TON	$10,980.00
		F	10610	ASPHALT CONCRETE TY. IM-19.0A	2,482.00	TON	$173,740.00
		F	10612	ASPH.CONC.BASE CR. TY. BM-25.0	8,200.00	TON	$574,000.00
		F	13421	ASPHALT CONCRETE CURB TY.MC-3B	1,533.00	LF	$27,594.00
		F	12505	ASPHALT BACKUP MATERIAL	100.00	TN	$15,500.00
			12020	STD. CURB CG-2	5,668.00	LF	$68,016.00
			12022	RADIAL CURB CG-2	68.00	LF	$816.00
			12710	RAD. COMB. CURB & GUTTER CG-7	8.50	LF	$127.50
			13502	SIGN ISLAND SI-2	125.00	SY	$8,750.00
556	Guardrail						$59,400.00
			13320	GUARDRAIL GR-2	1,800.00	LF	$40,500.00
			13347	ST'D GR-7	4.00	EA	$8,400.00
			13345	ST'D GR-9	4.00	EA	$8,400.00
			13315	ST'D GR-11	3.00	EA	$2,100.00
557	Seeding						$57,690.00
			27102	PERM SEED	4.00	AC	$9,140.00
			27103	TEMP.SEED	2.00	AC	$3,000.00
			27321	PROTECTIVE COVERING EC-2	6,700.00	SY	$16,750.00
			27326	SOIL STAB. MAT EC-3 TYPE B	3,600.00	SY	$28,800.00
558	Signs						$10,900.00
			50434	SIGN POST STP-1 2 1/2"	300.00	LF	$8,400.00
			50108	SIGN PANEL	100.00	SF	$2,500.00
559	Temp Pavement Marking						$26,570.00
			54552	CONST.PAVE.MARK.(TY.F.CL.II) 4"	18,994.00	LF	$18,994.00
			54556	CONST.PAVE.MARK.(TY.F.CL.II) 8"	1,728.00	LF	$3,456.00
			54564	CONST.PAVE.MARK.(TY.F.CL.II) 24"	20.00	LF	$120.00
			54105	ERADICATION OF EXIST.PAVE.MARKING	4,000.00	LF	$4,000.00
560	Area 2 Clean & Dress						$1,500.00
			13215	MAILBOX POST,SINGLE	10.00	EA	$1,500.00
561	Traffic Switch						$0.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
562	Area 3 Sta. 1291 -1361 WBL						$2,611,591.00
563	Maintenance of Traffic						$109,900.00
			24100	ALLAYING DUST	416.00	HR	$10,400.00
			24260	CR. RUN AGGR. NO. 25 OR 26	40.00	TON	$800.00
			24273	TYPE III BARRICADE	3.00	EA	$750.00
			24278	GROUP 2 CHANNELIZING DEVICES	55,000.00	DAY	$55,000.00
			24279	PORTABLE CHANGEABLE MESSAGE SIGN	17,500.00	HR	$35,000.00
			24282	FLAGGER SERVICE	150.00	HR	$3,000.00
			24287	WARNING LIGHT TY. A	1,300.00	DAY	$1,950.00
			24160	CONSTRUCTION SIGNS	150.00	SF	$3,000.00
564	R/W Fence						$54,656.00
			22681	FENCE FE-B	676.00	LF	$2,704.00
			22501	FENCE FE-W1	8,144.00	LF	$32,576.00
			23560	SAFETY FENCE	267.00	LF	$1,068.00
			22541	LINE BRACE UNIT FE-W1,FE-W2	1.00	EA	$200.00
			22581	CORNER BRACE UNIT FE-W1,FE-W2	3.00	EA	$600.00
			24602	REMOVE EXISTING FENCE	8,754.00	LF	$17,508.00
565	Erosion Control						$115,075.00
			00111	CLEARING AND GRUBBING	1.00	LS	$43,750.00
			09150	EROS.CONTR.STONE CL. I, EC-1	200.00	TON	$8,000.00
			26117	DRY RIPRAP CL. AI	4.00	TON	$200.00
			26119	DRY RIPRAP CL.I 18"	50.00	TON	$2,750.00
			27410	CHECK DAM, ROCK TY. I	25.00	EA	$2,500.00
			27415	CHECK DAM(ROCK) TY. II	80.00	EA	$6,000.00
			27450	DROP INLET SILT TRAP, TYPE A	4.00	EA	$400.00
			27460	DROP INLET SILT TRAP, TYPE B	1.00	EA	$200.00
			27505	TEMP. SILT FENCE	7,454.00	LF	$18,635.00
			27550	STORM WATER MAN.DRAIN.STR.SWM	32.00	LF	$32,640.00
566	Earthwork						$487,150.00
		F	00120	REGULAR EXCAVATION	15,000.00	CY	$150,000.00
		F	00140	BORROW EXCAVATION	8,000.00	CY	$80,000.00
		F	00155	GEOTEXTILE (EMBANKMENT STABILIZATION)	10,000.00	SY	$10,000.00
		F	00270	SELECT MATERIAL CBR-30	11,300.00	TON	$113,000.00
		F	27545	STORM WATER MAN. BASIN EXCAVATION	13,415.00	CY	$134,150.00
567	Storm Drainage						$129,212.00
			00525	CONCRETE CLASS A3 MISC.	11.00	CY	$11,000.00
			01150	15" PIPE	200.00	LF	$9,000.00
			01152	15" CONC. PIPE	658.00	LF	$46,060.00
			01360	36" PIPE	200.00	LF	$30,000.00
			06150	15" END SECTION ES-1 OR 2	18.00	EA	$9,000.00
			06740	DROP INLET DI-1	5.00	EA	$20,000.00
			09056	MANHOLE MH-1 OR 2	6.00	LF	$3,552.00
			09057	FRAME & COVER MH-1	1.00	EA	$600.00
568	Box Culvert						$223,000.00
			10065	AGGR MATL NO 1	350.000	TON	$7,000.00
			00505	BEDDING MATL.AGGR.NO. 25 OR 26	1,000.00	TON	$16,000.00
			00522	CONCRETE CLASS A4 BOX CULVERT	200.00	CY	$200,000.00
569	Underdrain						$2,504.00
			00595	OUTLET PIPE	100.00	LF	$1,500.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
			00596	ENDWALL EW-12	2.00	EA	$1,004.00
570	Asphalt Pavement						$1,344,334.00
			10100	AGGR. MATL. NO. 21B	28,500.00	TON	$570,000.00
		F	10635	ASPHALT CONCRETE TY. SM-9.5A	120.00	TON	$10,800.00
		F	10610	ASPHALT CONCRETE TY. IM-19.0A	2,482.00	TON	$173,740.00
		F	10612	ASPH.CONC.BASE CR. TY. BM-25.0	7,810.00	TON	$546,700.00
		F	13421	ASPHALT CONCRETE CURB TY.MC-3B	1,533.00	LF	$27,594.00
		F	12505	ASPHALT BACKUP MATERIAL	100.00	TN	$15,500.00
571	Guardrail						$51,000.00
			13320	GUARDRAIL GR-2	1,800.00	LF	$40,500.00
			13345	ST'D GR-9	4.00	EA	$8,400.00
			13315	ST'D GR-11	3.00	EA	$2,100.00
572	Seeding						$57,690.00
			27102	PERM SEED	4.00	AC	$9,140.00
			27103	TEMP.SEED	2.00	AC	$3,000.00
			27321	PROTECTIVE COVERING EC-2	6,700.00	SY	$16,750.00
			27326	SOIL STAB. MAT EC-3 TYPE B	3,600.00	SY	$28,800.00
573	Signs						$9,000.00
			50434	SIGN POST STP-1 2 1/2"	250.00	LF	$7,000.00
			50108	SIGN PANEL	80.00	SF	$2,000.00
574	Temp Pavement Marking						$26,570.00
			54552	CONST.PAVE.MARK.(TY.F.CL.II) 4"	18,992.00	LF	$18,992.00
			54556	CONST.PAVE.MARK.(TY.F.CL.II) 8"	1,729.00	LF	$3,458.00
			54564	CONST.PAVE.MARK.(TY.F.CL.II) 24"	20.00	LF	$120.00
			54105	ERADICATION OF EXIST.PAVE.MARKING	4,000.00	LF	$4,000.00
575	Area 3 Clean & Dress						$1,500.00
			13215	MAILBOX POST,SINGLE	10.00	EA	$1,500.00
576	Traffic Switch						$0.00
744	Phase 1 Complete						$0.00
577	Phase 2						$0.00
578	Area 1 Sta. 1101 - 1203 EBL						$2,634,077.00
579	Maintenance of Traffic						$96,450.00
			00111	CLEARING AND GRUBBING	1.00	LS	$43,750.00
			24273	TYPE III BARRICADE	3.00	EA	$750.00
			24278	GROUP 2 CHANNELIZING DEVICES	44,000.00	DAY	$44,000.00
			24282	FLAGGER SERVICE	150.00	HR	$3,000.00
			24287	WARNING LIGHT TY. A	1,300.00	DAY	$1,950.00
			24271	TRUCK MOUNTED CRASH CUSHION	100.00	HR	$3,000.00
580	Erosion Control						$52,800.00
			09150	EROS.CONTR.STONE CL. I, EC-1	200.00	TON	$8,000.00
			26117	DRY RIPRAP CL. AI	4.00	TON	$200.00
			26119	DRY RIPRAP CL.I 18"	50.00	TON	$2,750.00
			24100	ALLAYING DUST	234.00	HR	$5,850.00
			24260	CR. RUN AGGR. NO. 25 OR 26	40.00	TON	$800.00
			27410	CHECK DAM, ROCK TY. I	25.00	EA	$2,500.00
			27415	CHECK DAM(ROCK) TY. II	80.00	EA	$6,000.00
			27440	MOWING	34.00	HR	$1,700.00
			27505	TEMP. SILT FENCE	10,000.00	LF	$25,000.00
581	Earthwork						$170,726.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
			51910	SAW CUT	1,950.00	LF	$5,850.00
		F	00120	REGULAR EXCAVATION	10,000.00	CY	$100,000.00
		F	00140	BORROW EXCAVATION	1,291.00	CY	$12,910.00
			00155	GEOTEXTILE (EMBANKMENT STABILIZATION)	14,466.00	SY	$14,466.00
		F	00270	SELECT MATERIAL CBR-30	3,750.00	TON	$37,500.00
582	Storm Drainage						$274,002.00
			00525	CONCRETE CLASS A3 MISC.	59.00	CY	$59,000.00
			00529	FLOWABLE BACKFILL	5.00	CY	$1,250.00
			01150	15" PIPE	50.00	LF	$2,250.00
			01180	18" PIPE	300.00	LF	$24,000.00
			01240	24" PIPE	50.00	LF	$4,500.00
			01300	30" PIPE	100.00	LF	$11,000.00
			01360	36" PIPE	100.00	LF	$15,000.00
			01542	54" CONCRETE PIPE	161.00	LF	$120,750.00
			06150	15" END SECTION ES-1 OR 2	18.00	EA	$9,000.00
			06180	18" END SECTION ES-1 OR 2	3.00	EA	$2,400.00
			06240	24" END SECTION ES-1 OR 2	1.00	EA	$1,000.00
			06300	30" END SECTION ES-1 OR 2	1.00	EA	$1,200.00
			06360	36" END SECTION ES-1 OR 2	1.00	EA	$1,500.00
			09056	MANHOLE MH-1 OR 2	6.00	LF	$3,552.00
			09057	FRAME & COVER MH-1	1.00	EA	$600.00
			24500	DEMO STORM PIPE	300.00	LF	$4,500.00
			24801	DEMO STORM STRUCTURE	25.00	EA	$12,500.00
583	Underdrain						$9,440.00
			00590	COMB. UNDERDRAIN CD-1	300.00	LF	$6,000.00
			00595	OUTLET PIPE	62.00	LF	$930.00
			00596	ENDWALL EW-12	5.00	EA	$2,510.00
584	Asphalt Pavement						$1,917,191.00
			24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	8,500.00	SY	$42,500.00
			16386	FLEXIBLE PAVEMENT PLANING	25,000.00	SY	$125,000.00
			10100	AGGR. MATL. NO. 21B	9,600.00	TON	$192,000.00
			10103	AGGR. MATL. NO. 25 OR 26	250.00	TON	$5,000.00
		F	10608	ASPHALT CONCRETE TY. SM-12.5D	8,200.00	TON	$615,000.00
		F	10610	ASPHALT CONCRETE TY. IM-19.0A	2,482.00	TON	$173,740.00
		F	10612	ASPH.CONC.BASE CR. TY. BM-25.0	6,200.00	TON	$434,000.00
		F	13421	ASPHALT CONCRETE CURB TY.MC-3B	1,533.00	LF	$27,594.00
		F	12505	ASPHALT BACKUP MATERIAL	100.00	TN	$15,500.00
			54028	TY.A PAVEMENT LINE MARK.24"	40.00	LF	$230.00
			54020	TY.A PAVEMENT LINE MARK. 4"	8,834.00	LF	$4,417.00
			54049	TY.B CL.VI PAVE. LINE MARK. 4"	68,000.00	LF	$272,000.00
			54051	TY.B CL.VI PAVE. LINE MARK. 8"	10.00	LF	$80.00
			54054	TY.B CL.VI PAVE. LINE MARK. 24"	40.00	LF	$440.00
			54217	SNOW PLOW.RAISED PAVE.MARK.ASPH.CONC	323.00	EA	$9,690.00
585	Guardrail						$49,717.00
			13320	GUARDRAIL GR-2	1,264.00	LF	$28,440.00
			13347	ST'D GR-7	4.00	EA	$8,400.00
			13345	ST'D GR-9	4.00	EA	$8,400.00
			13315	ST'D GR-11	3.00	EA	$2,100.00
			24600	REMOVE EXISTING GUARDRAIL	2,377.00	LF	$2,377.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
586	Seeding						$28,220.00
			27102	PERM SEED	2.00	AC	$4,570.00
			27103	TEMP.SEED	1.00	AC	$1,500.00
			27321	PROTECTIVE COVERING EC-2	6,700.00	SY	$16,750.00
			27326	SOIL STAB. MAT EC-3 TYPE B	675.00	SY	$5,400.00
587	Signs						$10,927.00
			50600	REMOVE TY.I SIGNS	10.00	EA	$1,000.00
			50902	RELOC.EXIST.SIGN STRUCT.TY. I	10.00	EA	$1,250.00
			50434	SIGN POST STP-1 2 1/2"	234.00	LF	$6,552.00
			50108	SIGN PANEL	85.00	HR	$2,125.00
588	Temp Pavement Marking						$23,104.00
			54552	CONST.PAVE.MARK.(TY.F.CL.II) 4"	18,984.00	LF	$18,984.00
			54564	CONST.PAVE.MARK.(TY.F.CL.II) 24"	20.00	LF	$120.00
			54105	ERADICATION OF EXIST.PAVE.MARKING	4,000.00	LF	$4,000.00
589	Area 1 Clean & Dress						$1,500.00
			13215	MAILBOX POST,SINGLE	10.00	EA	$1,500.00
590	Area 2 Sta. 1199 - 1291 WBL						$2,745,050.50
591	Maintenance of Traffic						$56,500.00
			24260	CR. RUN AGGR. NO. 25 OR 26	40.00	TON	$800.00
			24271	TRUCK MOUNTED CRASH CUSHION	100.00	HR	$3,000.00
			24273	TYPE III BARRICADE	3.00	EA	$750.00
			24278	GROUP 2 CHANNELIZING DEVICES	42,000.00	DAY	$42,000.00
			24287	WARNING LIGHT TY. A	1,300.00	DAY	$1,950.00
			24100	ALLAYING DUST	200.00	HR	$5,000.00
			24282	FLAGGER SERVICE	150.00	HR	$3,000.00
592	Erosion Control						$49,622.50
			09150	EROS.CONTR.STONE CL. I, EC-1	200.00	TON	$8,000.00
			26117	DRY RIPRAP CL. AI	4.00	TON	$200.00
			26119	DRY RIPRAP CL.I 18"	50.00	TON	$2,750.00
			27410	CHECK DAM, ROCK TY. I	25.00	EA	$2,500.00
			27415	CHECK DAM(ROCK) TY. II	80.00	EA	$6,000.00
			27450	DROP INLET SILT TRAP, TYPE A	4.00	EA	$400.00
			27460	DROP INLET SILT TRAP, TYPE B	1.00	EA	$200.00
			27440	MOWING	33.00	HR	$1,650.00
			27505	TEMP. SILT FENCE	11,169.00	LF	$27,922.50
593	Earthwork						$414,886.00
			51910	SAW CUT	1,950.00	LF	$5,850.00
		F	00120	REGULAR EXCAVATION	5,471.00	CY	$54,710.00
		F	00140	BORROW EXCAVATION	28,986.00	CY	$289,860.00
			00155	GEOTEXTILE (EMBANKMENT STABILIZATION)	4,466.00	SY	$4,466.00
		F	00270	SELECT MATERIAL CBR-30	6,000.00	TON	$60,000.00
594	Storm Drainage						$114,132.00
			00525	CONCRETE CLASS A3 MISC.	15.00	CY	$15,000.00
			00529	FLOWABLE BACKFILL	10.00	CY	$2,500.00
			01150	15" PIPE	510.00	LF	$22,950.00
			01180	18" PIPE	205.00	LF	$16,400.00
			01240	24" PIPE	50.00	LF	$4,500.00
			01300	30" PIPE	183.00	LF	$20,130.00
			06150	15" END SECTION ES-1 OR 2	18.00	EA	$9,000.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
			06740	DROP INLET DI-1	2.00	EA	$8,000.00
			09056	MANHOLE MH-1 OR 2	6.00	LF	$3,552.00
			09057	FRAME & COVER MH-1	1.00	EA	$600.00
			24500	DEMO STORM PIPE	500.00	LF	$7,500.00
			24801	DEMO STORM STRUCTURE	8.00	EA	$4,000.00
595	Underdrain						$10,031.00
			00590	COMB. UNDERDRAIN CD-1	400.00	LF	$8,000.00
			00595	OUTLET PIPE	35.00	LF	$525.00
			00596	ENDWALL EW-12	3.00	EA	$1,506.00
596	Asphalt Pavement						$1,985,584.00
			10100	AGGR. MATL. NO. 21B	9,600.00	TON	$192,000.00
			10103	AGGR. MATL. NO. 25 OR 26	250.00	TON	$5,000.00
		F	10606	ASPHALT CONCRETE TY. SM-12.5D	8,200.00	TON	$615,000.00
		F	10610	ASPHALT CONCRETE TY. IM-19.0A	2,482.00	TON	$173,740.00
		F	10612	ASPH.CONC.BASE CR. TY. BM-25.0	6,200.00	TON	$434,000.00
		F	13421	ASPHALT CONCRETE CURB TY.MC-3B	1,533.00	LF	$27,594.00
		F	12505	ASPHALT BACKUP MATERIAL	100.00	TN	$15,500.00
			12020	STD. CURB CG-2	5,669.00	LF	$68,028.00
			16386	FLEXIBLE PAVEMENT PLANING	25,000.00	SY	$125,000.00
			24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	8,500.00	SY	$42,500.00
			54028	TY.A PAVEMENT LINE MARK.24"	40.00	LF	$230.00
			54020	TY.A PAVEMENT LINE MARK. 4"	8,834.00	LF	$4,417.00
			54049	TY.B CL.VI PAVE. LINE MARK. 4"	68,000.00	LF	$272,000.00
			54054	TY.B CL.VI PAVE. LINE MARK. 24"	40.00	LF	$440.00
			54300	PAVE MESS.MARK. ELONG.ARROW SINGLE	3.00	EA	$285.00
			54310	PAVE MESS.MARK.ELONG.ARROW DOUBLE	1.00	EA	$160.00
			54217	SNOW PLOW.RAISED PAVE.MARK.ASPH.CONC	323.00	EA	$9,690.00
597	Guardrail						$46,602.00
			13320	GUARDRAIL GR-2	1,200.00	LF	$27,000.00
			13347	ST'D GR-7	4.00	EA	$8,400.00
			13345	ST'D GR-9	4.00	EA	$8,400.00
			13315	ST'D GR-11	3.00	EA	$2,100.00
			24600	REMOVE EXISTING GUARDRAIL	702.00	LF	$702.00
598	Seeding						$27,620.00
			27102	PERM SEED	2.00	AC	$4,570.00
			27103	TEMP.SEED	1.00	AC	$1,500.00
			27321	PROTECTIVE COVERING EC-2	6,700.00	SY	$16,750.00
			27326	SOIL STAB. MAT EC-3 TYPE B	600.00	SY	$4,800.00
599	Signs						$12,005.00
			50600	REMOVE TY.I SIGNS	23.00	EA	$2,300.00
			50902	RELOC.EXIST.SIGN STRUCT.TY. I	23.00	EA	$2,875.00
			50434	SIGN POST STP-1 2 1/2"	185.00	LF	$5,180.00
			50108	SIGN PANEL	66.00	HR	$1,650.00
600	Temp Pavement Marking						$26,568.00
			54552	CONST.PAVE.MARK.(TY.F.CL.II) 4"	18,990.00	LF	$18,990.00
			54556	CONST.PAVE.MARK.(TY.F.CL.II) 8"	1,729.00	LF	$3,458.00
			54564	CONST.PAVE.MARK.(TY.F.CL.II) 24"	20.00	LF	$120.00
			54105	ERADICATION OF EXIST.PAVE.MARKING	4,000.00	LF	$4,000.00
601	Area 2 Clean & Dress						$1,500.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
			13215	MAILBOX POST,SINGLE	10.00	EA	$1,500.00
602	Area 3 Sta. 1291 - 1361 EBL						$2,594,559.00
603	Maintenance of Traffic						$68,350.00
			50600	REMOVE TY.I SIGNS	23.00	EA	$2,300.00
			24100	ALLAYING DUST	416.00	HR	$10,400.00
			24260	CR. RUN AGGR. NO. 25 OR 26	40.00	TON	$800.00
			24273	TYPE III BARRICADE	3.00	EA	$750.00
			24278	GROUP 2 CHANNELIZING DEVICES	42,000.00	DAY	$42,000.00
			24282	FLAGGER SERVICE	150.00	HR	$3,000.00
			24287	WARNING LIGHT TY. A	1,300.00	DAY	$1,950.00
			13462	BARRIER MB-7F	83.00	LF	$4,150.00
			24160	CONSTRUCTION SIGNS	150.00	SF	$3,000.00
604	Erosion Control						$40,335.00
			09150	EROS.CONTR.STONE CL. I, EC-1	200.00	TON	$8,000.00
			26117	DRY RIPRAP CL. AI	4.00	TON	$200.00
			26119	DRY RIPRAP CL.I 18"	50.00	TON	$2,750.00
			27410	CHECK DAM, ROCK TY. I	25.00	EA	$2,500.00
			27415	CHECK DAM(ROCK) TY. II	80.00	EA	$6,000.00
			27450	DROP INLET SILT TRAP, TYPE A	4.00	EA	$400.00
			27460	DROP INLET SILT TRAP, TYPE B	1.00	EA	$200.00
			27440	MOWING	33.00	HR	$1,650.00
			27505	TEMP. SILT FENCE	7,454.00	LF	$18,635.00
605	Earthwork						$113,358.00
			51910	SAW CUT	1,990.00	LF	$5,970.00
		F	00120	REGULAR EXCAVATION	2,077.00	CY	$20,770.00
		F	00140	BORROW EXCAVATION	2,197.00	CY	$21,970.00
			00155	GEOTEXTILE (EMBANKMENT STABILIZATION)	4,468.00	SY	$4,468.00
		F	00270	SELECT MATERIAL CBR-30	6,018.00	TON	$60,180.00
606	Storm Drainage						$152,581.00
			00700	POST INSTALLATION INSPECTION	7,231.00	LF	$7,231.00
			00525	CONCRETE CLASS A3 MISC.	6.50	CY	$6,500.00
			00529	FLOWABLE BACKFILL	5.00	CY	$1,250.00
			01150	15" PIPE	250.00	LF	$11,250.00
			01360	36" PIPE	85.00	LF	$12,750.00
			06150	15" END SECTION ES-1 OR 2	12.00	EA	$6,000.00
			02272	42" X 27" ELLIPTICAL PIPE	152.00	LF	$83,600.00
			06740	DROP INLET DI-1	4.00	EA	$16,000.00
			24500	DEMO STORM PIPE	300.00	LF	$4,500.00
			24801	DEMO STORM STRUCTURE	7.00	EA	$3,500.00
607	Box Culvert						$223,000.00
			10065	AGGR MATL NO 1	350.000	TON	$7,000.00
			00505	BEDDING MATL.AGGR.NO. 25 OR 26	1,000.00	TON	$16,000.00
			00522	CONCRETE CLASS A4 BOX CULVERT	200.00	CY	$200,000.00
608	Underdrain						$1,027.00
			00595	OUTLET PIPE	35.00	LF	$525.00
			00596	ENDWALL EW-12	1.00	EA	$502.00
609	Asphalt Pavement						$1,890,366.00
			16386	FLEXIBLE PAVEMENT PLANING	25,064.00	SY	$125,320.00
			10100	AGGR. MATL. NO. 21B	9,600.00	TON	$192,000.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
		F	10606	ASPHALT CONCRETE TY. SM-12.5D	8,200.00	TON	$615,000.00
		F	10610	ASPHALT CONCRETE TY. IM-19.0A	2,772.00	TON	$194,040.00
		F	10612	ASPH.CONC.BASE CR. TY. BM-25.0	6,200.00	TON	$434,000.00
		F	13421	ASPHALT CONCRETE CURB TY.MC-3B	1,530.00	LF	$27,540.00
		F	12505	ASPHALT BACKUP MATERIAL	100.00	TN	$15,500.00
			54028	TY.A PAVEMENT LINE MARK.24"	40.00	LF	$230.00
			54020	TY.A PAVEMENT LINE MARK. 4"	8,832.00	LF	$4,416.00
			54049	TY.B CL.VI PAVE. LINE MARK. 4"	68,000.00	LF	$272,000.00
			54054	TY.B CL.VI PAVE. LINE MARK. 24"	40.00	LF	$440.00
			54300	PAVE MESS.MARK. ELONG.ARROW SINGLE	2.00	EA	$190.00
			54217	SNOW PLOW.RAISED PAVE.MARK.ASPH.CONC	323.00	EA	$9,690.00
610	Guardrail						$38,749.00
			13320	GUARDRAIL GR-2	1,200.00	LF	$27,000.00
			13345	ST'D GR-9	4.00	EA	$8,400.00
			13315	ST'D GR-11	2.00	EA	$1,400.00
			24600	REMOVE EXISTING GUARDRAIL	1,949.00	LF	$1,949.00
611	Seeding						$27,620.00
			27102	PERM SEED	2.00	AC	$4,570.00
			27103	TEMP.SEED	1.00	AC	$1,500.00
			27321	PROTECTIVE COVERING EC-2	6,700.00	SY	$16,750.00
			27326	SOIL STAB. MAT EC-3 TYPE B	600.00	SY	$4,800.00
612	Signs						$11,105.00
			50902	RELOC.EXIST.SIGN STRUCT.TY. I	23.00	EA	$2,875.00
			50434	SIGN POST STP-1 2 1/2"	235.00	LF	$6,580.00
			50108	SIGN PANEL	66.00	SF	$1,650.00
613	Temp Pavement Marking						$26,568.00
			54552	CONST.PAVE.MARK.(TY.F.CL.II) 4"	18,990.00	LF	$18,990.00
			54556	CONST.PAVE.MARK.(TY.F.CL.II) 8"	1,729.00	LF	$3,458.00
			54564	CONST.PAVE.MARK.(TY.F.CL.II) 24"	20.00	LF	$120.00
			54105	ERADICATION OF EXIST.PAVE.MARKING	4,000.00	LF	$4,000.00
614	Area 3 Clean & Dress						$1,500.00
			13215	MAILBOX POST,SINGLE	10.00	EA	$1,500.00
745	Phase 2 Complete						$0.00
615	Phase 3 (all areas)						$385,436.00
616	Maintenance of Traffic						$47,700.00
			24273	TYPE III BARRICADE	3.00	EA	$750.00
			24278	GROUP 2 CHANNELIZING DEVICES	42,000.00	DAY	$42,000.00
			24282	FLAGGER SERVICE	150.00	HR	$3,000.00
			24287	WARNING LIGHT TY. A	1,300.00	DAY	$1,950.00
617	Traffic Switch						$0.00
618	Demo Cross-overs						$18,095.00
			24430	DEMOLITION OF PAVEMENT (FLEXIBLE)	3,619.00	SY	$18,095.00
619	Pavement SM EBL						$101,250.00
		F	10606	ASPHALT CONCRETE TY. SM-12.5D	1,350.00	TON	$101,250.00
620	Pavement SM WBL						$100,875.00
		F	10606	ASPHALT CONCRETE TY. SM-12.5D	1,345.00	TON	$100,875.00
621	Pavement Marking						$63,050.00
			54049	TY.B CL.VI PAVE. LINE MARK. 4"	15,200.00	LF	$60,800.00
			54217	SNOW PLOW.RAISED PAVE.MARK.ASPH.CONC	75.00	EA	$2,250.00

Activity ID [1]	Work Package Description [2]	Fuel (F) or Price (P) Adjustment	VDOT Item Number [3]	VDOT Material Item Description [3]	Quantity	Unit	Budgeted Cost ($)
622	Shoulder Dress						$12,657.50
			27102	PERM SEED	2.00	AC	$4,570.00
			27103	TEMP.SEED	1.00	AC	$1,500.00
			27321	PROTECTIVE COVERING EC-2	715.00	SY	$1,787.50
			27326	SOIL STAB. MAT EC-3 TYPE B	600.00	SY	$4,800.00
623	Median Dress						$8,872.50
			27102	PERM SEED	1.00	AC	$2,285.00
			27321	PROTECTIVE COVERING EC-2	715.00	SY	$1,787.50
			27326	SOIL STAB. MAT EC-3 TYPE B	600.00	SY	$4,800.00
624	Signs						$2,936.00
			50434	SIGN POST STP-1 2 1/2"	62.00	LF	$1,736.00
			50108	SIGN PANEL	48.00	SF	$1,200.00
625	PMSD Signs						$30,000.00
			51945	ILLUMINATED TRAFFIC CONTROL SIGN (PMSD	2.00	EA	$30,000.00
626	Substantial Completion (Interim Milestone)						$0.00
627	Punch List						
628	Final Completion						

Attachment 4.8.2
State Project 0003-023-107, P101, R201, C501

SCHEDULE OF ITEMS

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Date:

VDOT Item Code [1]	Item Description	Fuel (F) or Price (P) Adjustment	App Quantity	Unit[1]	Budgeted Cost ($)
00104	MOBILIZATION (AWARD)		1.000	LS	280,000.00
00104	DESIGNER FEE		1.000	LS	1,368,030.00
00104	PERMITTING / MITIGATION COSTS- STREAMS & WETLANDS		1.000	LS	60,000.00
00100	MOBILIZATION (CONSTRUCTION)		1.000	LS	300,000.00
00101	CONSTRUCTION SURVEYING		1.000	LS	250,000.00
00111	CLEARING AND GRUBBING		1.000	LS	175,000.00
13210	R/W MONUMENT RM-1		120.000	EA	12,000.00
00104	INSPECTION-Quality Assurance		1.000	LS	700,000.00
00104	INSPECTION CEI (QC) Control		1.000	LS	150,000.00
00120	REGULAR EXCAVATION	F	112,571.000	CY	1,125,710.00
00140	BORROW EXCAVATION	F	69,460.000	CY	694,600.00
00155	GEOTEXTILE (EMBANKMENT STABILIZATION)		43,400.000	SY	43,400.00
00270	SELECT MATERIAL CBR-30	F	49,668.000	TN	496,680.00
10028	MANIPULATION 8"		100,000.000	SY	400,000.00
10000	LIME		2,000.000	TN	412,000.00
09150	EROS.CONTR.STONE CL. I, EC-1		1,200.000	TON	48,000.00
26117	DRY RIPRAP CL. AI		24.000	TON	1,200.00
26119	DRY RIPRAP CL.I 18"		300.000	TON	16,500.00
27102	PERM SEED		21.000	ACRE	47,985.00
27103	TEMP.SEED		10.000	ACRE	15,000.00
27321	PROTECTIVE COVERING EC-2		41,630.000	SY	104,075.00
27326	SOIL STAB. MAT EC-3 TYPE B		13,875.000	SY	111,000.00
27410	CHECK DAM, ROCK TY. I		156.000	EA	15,600.00
27415	CHECK DAM(ROCK) TY. II		468.000	EA	35,100.00
27450	DROP INLET SILT TRAP, TYPE A		20.000	EA	2,000.00
27460	DROP INLET SILT TRAP, TYPE B		6.000	EA	1,200.00
27440	MOWING		100.000	HR	5,000.00
27505	TEMP. SILT FENCE		62,166.000	LF	155,415.00
27545	STORM WATER MAN. BASIN EXCAVATION		25,665.000	CY	256,650.00
27550	STORM WATER MAN.DRAIN.STR.SWM		88.000	LF	89,760.00
00590	COMB. UNDERDRAIN CD-1		1,500.000	LF	30,000.00
00595	OUTLET PIPE		400.000	LF	6,000.00
00596	ENDWALL EW-12		15.000	EA	7,530.00
13320	GUARDRAIL GR-2		8,464.000	LF	190,440.00
13347	ST'D GR-7		16.000	EA	33,600.00
13345	ST'D GR-9		24.000	EA	50,400.00
13315	ST'D GR-11		16.000	EA	11,200.00
24600	REMOVE EXISTING GUARDRAIL		5,028.000	LF	5,028.00
13421	ASPHALT CONCRETE CURB TY.MC-3B		7,662.000	LF	137,916.00
12505	ASPHALT BACKUP MATERIAL	F	500.000	TN	77,500.00
22643	FENCE FE-CL		248.000	LF	3,720.00
22653	LINE BRACE UNIT FE-CL		4.000	EA	500.00
22681	FENCE FE-B		3,514.000	LF	14,056.00
22501	FENCE FE-W1		21,534.000	LF	86,136.00

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23560	SAFETY FENCE		267.000	LF	1,068.00
22541	LINE BRACE UNIT FE-W1,FE-W2		4.000	EA	800.00
22581	CORNER BRACE UNIT FE-W1,FE-W2		10.000	EA	2,000.00
22677	GATE FE-CL L=14		4.000	EA	3,600.00
24602	DEMO FENCE		26,186.000	LF	52,372.00
27600	CLOSING WELL		4.000	EA	7,600.00
70012	CLOSE SEPTIC TANK		4.000	EA	2,200.00
70100	REMOVE AND DISPOSE OF FRIABLE ASBESTOS		500.000	SF	10,000.00
24500	DEMO EXISTING BUILDINGS		7.000	EA	14,000.00
16386	FLEXIBLE PAVEMENT PLANING		75,064.000	SY	375,320.00
24430	DEMOLITION OF PAVEMENT (FLEXIBLE)		20,619.000	SY	103,095.00
50600	REMOVE TY.I SIGNS		68.000	EA	6,800.00
00700	POST INSTALLATION INSPECTION		7,231.000	LF	7,231.00
10065	AGGR MATL NO 1		700.000	TON	14,000.00
00505	BEDDING MATL.AGGR.NO. 25 OR 26		2,000.000	TON	32,000.00
00522	CONCRETE CLASS A4 BOX CULVERT		400.000	CY	400,000.00
00525	CONCRETE CLASS A3 MISC.		244.000	CY	244,000.00
00529	FLOWABLE BACKFILL		20.000	CY	5,000.00
01150	15" CMP PIPE		1,810.000	LF	81,450.00
01152	15" CONC. PIPE		1,316.000	LF	92,120.00
01182	18" CONC. PIPE		1,526.000	LF	122,080.00
01242	24" CONC. PIPE		354.000	LF	31,860.00
01300	30" CONC. PIPE		883.000	LF	97,130.00
01360	36" CONC. PIPE		475.000	LF	71,250.00
01482	48" CONC. PIPE		166.000	LF	33,200.00
01360	DOUBLE 36" CLIV CONC PIPE		167.000	LF	75,150.00
01542	DOUBLE 54" CLIV RCP PIPE		161.000	LF	120,750.00
02272	DOUBLE 42"X27" CLIV ELLIP PIPE		152.000	LF	83,600.00
06150	15" END SECTION ES-1 OR 2		102.000	EA	51,000.00
06180	18" END SECTION ES-1 OR 2		9.000	EA	7,200.00
06240	24" END SECTION ES-1 OR 2		1.000	EA	1,000.00
06300	30" END SECTION ES-1 OR 2		5.000	EA	6,000.00
06360	36" END SECTION ES-1 OR 2		5.000	EA	7,500.00
06740	DROP INLET DI-1		20.000	EA	80,000.00
06820	DROP INLET DI-3B,L=10'		6.000	EA	37,200.00
09056	MANHOLE MH-1 OR 2		30.000	LF	17,760.00
09057	FRAME & COVER MH-1		5.000	EA	3,000.00
00120	DEMO STORM PIPE		1,100.000	LF	16,500.00
00120	DEMO STORM STRUCTURE		40.000	EA	20,000.00
01004	WILLIAMS GAS FEE		1.000	LS	1,620,300.00
01004	COLUMBIA GAS FEE		1.000	LS	94,000.00
01004	POWER LINE RELOCATION		1.000	LS	885,500.00
01004	DOMINION TRANSMISSION FEE		1.000	LS	100,000.00
12020	STD. CURB CG-3		17,005.000	LF	204,060.00

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Date:

VDOT Item Code [1]	Item Description	Fuel (F) or Price (P) Adjustment	App Quantity	Unit[1]	Budgeted Cost ($)
12022	RADIAL CURB CG-3		136.000	LF	1,632.00
12700	STD. COMB. CURB & GUTTER CG-7		102.000	LF	1,530.00
12710	RAD. COMB. CURB & GUTTER CG-7		17.000	LF	255.00
21020	MEDIAN STRIP MS-1A		1,133.000	SY	79,310.00
10100	AGGR. MATL. NO. 21B		116,766.000	TON	2,335,320.00
10103	AGGR. MATL. NO. 25 OR 26		1,000.000	TON	20,000.00
10635	ASPHALT CONCRETE TY. SM-9.5A	F	364.000	TON	32,760.00
10608	ASPHALT CONCRETE TY. SM-12.5D	F	27,295.000	TON	2,047,125.00
10610	ASPHALT CONCRETE TY. IM-19.0A	F	15,182.000	TON	1,062,740.00
10612	ASPH.CONC.BASE CR. TY. BM-25.0	F	42,810.000	TON	2,996,700.00
54028	TY.A PAVEMENT LINE MARK.24"		120.000	LF	690.00
54020	TY.A PAVEMENT LINE MARK. 4"		26,500.000	LF	13,250.00
54049	TY.B CL VI PAVE. LINE MARK. 4"		219,200.000	LF	876,800.00
54051	TY.B CL.VI PAVE. LINE MARK. 8"		10.000	LF	80.00
54054	TY.B CL.VI PAVE. LINE MARK. 24"		120.000	LF	1,320.00
54300	PAVE MESS.MARK. ELONG.ARROW SINGLE		5.000	EA	475.00
54310	PAVE MESS.MARK.ELONG.ARROW DOUBLE		1.000	EA	160.00
54552	CONST.PAVE.MARK.(TY.F.CL.II) 4"		113,950.000	LF	113,950.00
54556	CONST.PAVE.MARK.(TY.F.CL.II) 8"		10,373.000	LF	20,746.00
54564	CONST.PAVE.MARK.(TY.F.CL.II) 24"		120.000	LF	720.00
54105	ERADICATION OF EXIST.PAVE.MARKING		25,000.000	LF	25,000.00
54217	SNOW PLOW.RAISED PAVE.MARK.ASPH.CONC		1,044.000	EA	31,320.00
50902	RELOC.EXIST.SIGN STRUCT.TY. I		68.000	EA	8,500.00
50434	SIGN POST STP-1 2 1/2"		1,500.000	LF	42,000.00
13215	MAILBOX POST,SINGLE		60.000	EA	9,000.00
13502	SIGN ISLAND SI-2		125.000	SY	8,750.00
50108	SIGN PANEL		545.000	SF	13,625.00
51910	SAW CUT		5,890.000	LF	17,670.00
51945	ILLUMINATED TRAFFIC CONTROL SIGN (PMSD)		2.000	EA	30,000.00
24100	ALLAYING DUST		2,500.000	HR	62,500.00
24260	CR. RUN AGGR. NO. 25 OR 26		200.000	TON	4,000.00
24271	TRUCK MOUNTED CRASH CUSHION		300.000	HR	9,000.00
24273	TYPE III BARRICADE		21.000	EA	5,250.00
24278	GROUP 2 CHANNELIZING DEVICES		335,000.000	DAY	335,000.00
24279	PORTABLE CHANGEABLE MESSAGE SIGN		35,000.000	HR	70,000.00
24282	FLAGGER SERVICE		1,000.000	HR	20,000.00
24287	WARNING LIGHT TY. A		9,000.000	DAY	13,500.00
13462	BARRIER MB-7F		83.000	LF	4,150.00
24160	CONSTRUCTION SIGNS		600.000	SF	12,000.00
					23,593,455.00

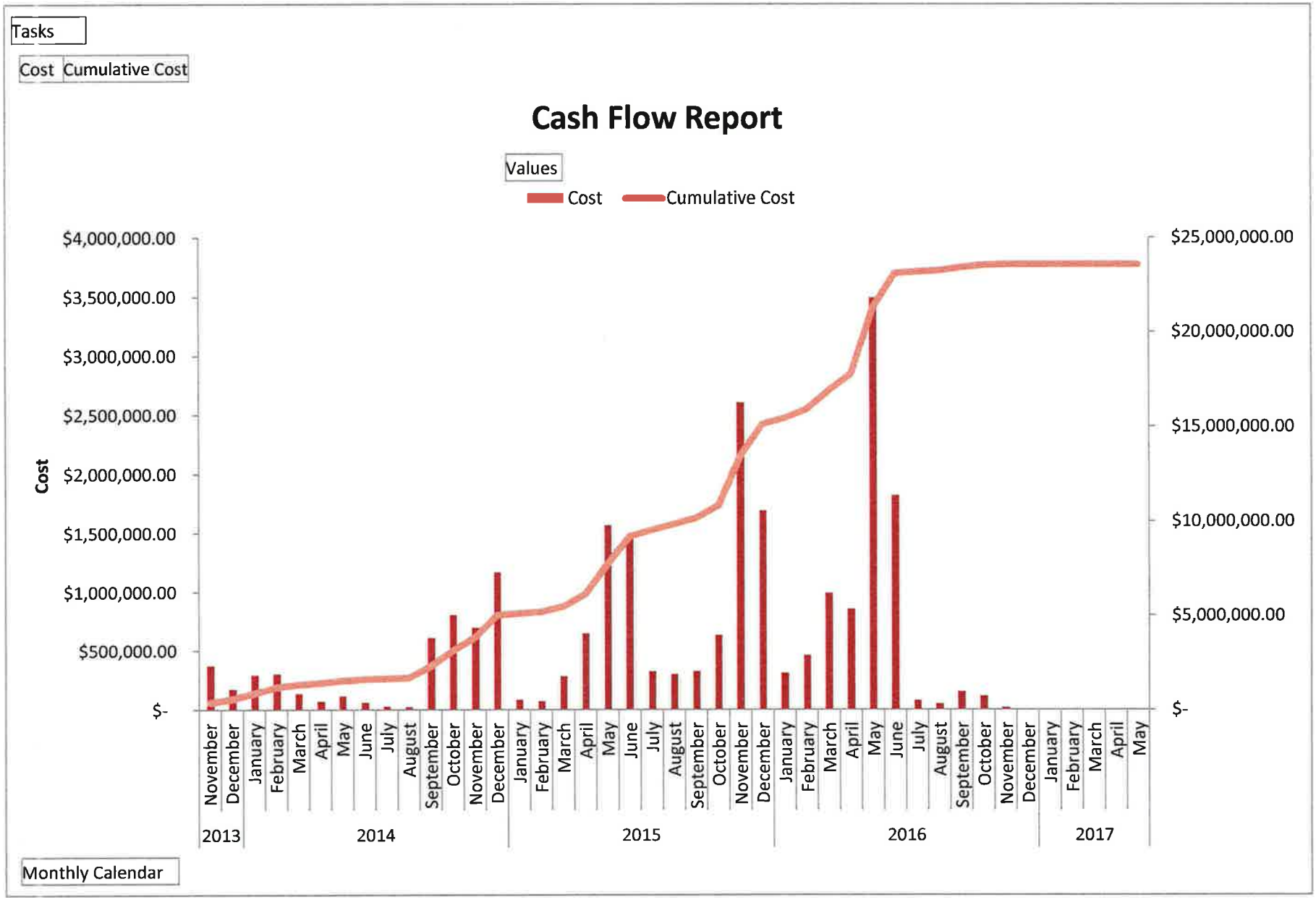
VDOT
Virginia Department of Transportation

SECTION 4.3.3
MONTHLY PAYMENT SCHEDULE

BranchHighways

Tasks	All

		Data	
Year	Month	Cost	Cumulative Cost
2013	November	$ 384,141.11	$ 384,141.11
	December	$ 184,444.44	$ 568,585.56
2013 Total		$ 568,585.56	$ 568,585.56
2014	January	$ 302,333.33	$ 870,918.89
	February	$ 315,111.11	$ 1,186,030.00
	March	$ 147,000.00	$ 1,333,030.00
	April	$ 83,111.11	$ 1,416,141.11
	May	$ 127,444.44	$ 1,543,585.56
	June	$ 72,777.78	$ 1,616,363.33
	July	$ 38,333.33	$ 1,654,696.67
	August	$ 35,000.00	$ 1,689,696.67
	September	$ 621,957.80	$ 2,311,654.46
	October	$ 816,668.39	$ 3,128,322.86
	November	$ 710,146.43	$ 3,838,469.29
	December	$ 1,174,610.71	$ 5,013,080.00
2014 Total		$ 4,444,494.44	$ 5,013,080.00
2015	January	$ 93,500.00	$ 5,106,580.00
	February	$ 85,000.00	$ 5,191,580.00
	March	$ 291,091.30	$ 5,482,671.30
	April	$ 659,805.02	$ 6,142,476.32
	May	$ 1,575,328.97	$ 7,717,805.29
	June	$ 1,467,970.01	$ 9,185,775.29
	July	$ 338,553.90	$ 9,524,329.19
	August	$ 309,114.43	$ 9,833,443.62
	September	$ 334,533.74	$ 10,167,977.36
	October	$ 643,862.02	$ 10,811,839.38
	November	$ 2,611,959.61	$ 13,423,798.98
	December	$ 1,695,933.52	$ 15,119,732.50
2015 Total		$ 10,106,652.50	$ 15,119,732.50
2016	January	$ 322,257.50	$ 15,441,990.00
	February	$ 470,356.53	$ 15,912,346.53
	March	$ 997,695.72	$ 16,910,042.25
	April	$ 864,068.10	$ 17,774,110.35
	May	$ 3,502,102.35	$ 21,276,212.70
	June	$ 1,827,912.30	$ 23,104,125.00
	July	$ 91,294.00	$ 23,195,419.00
	August	$ 65,160.73	$ 23,260,579.73
	September	$ 166,665.33	$ 23,427,245.06
	October	$ 124,805.94	$ 23,552,051.00
	November	$ 31,804.00	$ 23,583,855.00
	December	$ 8,800.00	$ 23,592,655.00
2016 Total		$ 8,472,922.50	$ 23,592,655.00
2017	January	$ 800.00	$ 23,593,455.00
	February	$ -	$ 23,593,455.00
	March	$ -	$ 23,593,455.00
	April	$ -	$ 23,593,455.00
	May	$ -	$ 23,593,455.00
2017 Total		$ 800.00	$ 23,593,455.00
Grand Total		$ 23,593,455.00	$ 23,593,455.00


Tasks
Cost
Cumulative Cost
Cash Flow Report
Values
Cost
Cumulative Cost
$4,000,000.00
$3,500,000.00
$3,000,000.00
$2,500,000.00
$2,000,000.00
$1,500,000.00
$1,000,000.00
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Cost
$25,000,000.00
$20,000,000.00
$15,000,000.00
$10,000,000.00
$5,000,000.00
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March
April
May
2013
2014
2015
2016
2017
Monthly Calendar

VDOT
Virginia Department of Transportation

SECTION 4.3.4
ATTACHMENTS 6.3

BranchHighways

EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT

SPECIAL PROVISION FOR
ASPHALT MATERIAL PRICE ADJUSTMENT
DESIGN-BUILD PROJECTS

June 30, 2011

In the event the Design-Builder elects to seek adjustment for asphalt 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. If new pay items which contain Asphalt Material 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.

Each month, the Department will publish an average state-wide PG 64-22 f.o.b. price per ton developed from the average terminal prices provided to the Department from suppliers of asphalt cement to contractors doing work in Virginia. The Department will collect terminal prices from approximately 12 terminals each month. These prices will be received once each month from suppliers on or about the last weekday of the month. The high and low prices will be eliminated and the remaining values averaged to establish the average statewide price for the following month. That monthly state-wide average price will be posted on the Scheduling and Contract Division website on or about the first weekday of the following month.

This monthly statewide average price will be the Base Index for all contracts on which bids 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. Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22, 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.

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

X I elect to use this provision

__ I elect not to use this provision

Date: 05-05-13

Signature: [signature]

Design-builder: Branch Highways, Inc.

Vendor No.: B319

EXHIBIT 6.3(b)

Form C-16a
7-13-05

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PRICE ADJUSTMENT

INSTRUCTIONS - This form is to be completed and returned ONLY when asphalt concrete items are designated for price adjustment on the bid price sheets.

PROJECT NUMBER:

DISTRICT:

Bid Prices in this contract for items containing PG 64-22 asphalt cement were developed using an f.o.b. price of $ 581.50 per **IMPERIAL** ton for **PG 64-22**. This quote will be averaged into the monthly price index.

Bid Prices in this contract for items containing PG 76-22 asphalt cement were developed using an f.o.b. price of $ n/a per **IMPERIAL** ton for **PG 76-22**. This quote is project specific.
(When required by provisions)

Price quotes signed by each supplier from which the Design-Builder proposes to obtain PG 64-22 or PG 76-22 shall be maintained by the successful bidder. These quotes shall be retained on site during the life of the Contract for review by the Engineer upon request.

X I elect to use this provision
__ I elect not to use this provision

DATE: 09-05-17

SIGNATURE: [signature]

Branch Highways, Inc.
(Firm or Corporation)

B319
(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

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 its Price Proposal 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 Price Proposal 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.

X I elect to use this provision

__ I elect not to use this provision

Date: 09-05-13

Signature:

Design-builder: Branch Highways, Inc.

Vendor No.: B319

EXHIBIT 6.3(d)
ADJUSTMENT FOR STEEL

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

June 30, 2011

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

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

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

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

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

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

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

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

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

Price increase/decrease will be computed as follows:

$A = B \times P \times Q$

Where;

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

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

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

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

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

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

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

DATE FOR RECEIPT OF PRICE PROPOSAL 9-16-13

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

Item Number	Item Description	Quantity	Unit	Unit Price	Supplier	Date of Quote
	n/a					

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

Branch Highways, Inc.
Design-Builder

9-5-13
Date

Sample Calculation of a Price Adjustment (increase)

Project bid on April 28, 2004.

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

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

*free on board

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

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

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

Adjustment formula is as follows:

A = B X P X 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 lb.

A = 0.2816 x 0.054 x 450,000

A = $6,842.88 pay adjustment to Design-Builder

Sample Calculation of a Price Adjustment (decrease)

Project bid on April 28, 2004.

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

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

*free on board

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

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

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

Adjustment formula is as follows:

A = B X P X 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 lb.

A = 0.2816 x 0.030 x 450,000

A = $3,801.60 credit to Department

MASTER LISTING

STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

March 18, 2009

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

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

___I elect to use this provision

_X_I elect not to use this provision

Date: 09-05-13

Signature:

Design-Builder: Branch Highways, Inc.

Vendor No.: B319

VDOT
Virginia Department of Transportation

SECTION 4.3.5
FORM C-24 - PROPOSAL GUARANTY

BranchHighways

Contract ID #C00014657DB56

Form C-24
Rev. 7-6-05

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Branch Highways, Inc. As principal, and Hartford Fire Insurance Company Surety, are held and firmly bound unto the Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly by these presents.

SIGNED, sealed and dated this 16th Day of September , 20 13

WHEREAS, the above said principal is herewith submitting its proposal for:

PROJECT NUMBER: 0003-023-107,P101,R201,C501

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.

Branch Highways, Inc.
(Principal*)

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

Gale M. Tschuor, Chief Estimator
(Principal*)

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

_____
(Principal*)

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

Hartford Fire Insurance Company
(Surety Company)

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

Theresa S. Stump, Attorney-In-Fact
One Hartford Plaza, Hartford, CT 06155
(Address)

By: _____
(Surety Company)

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

By: _____
(Address)

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

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

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

**Attach copy of Power of Attorney

POWER OF ATTORNEY

Direct Inquiries/Claims to:
THE HARTFORD
Bond T-4
One Hartford Plaza
Hartford, Connecticut 06155
call: 888-266-3488 *or fax:* 860-757-5835

KNOW ALL PERSONS BY THESE PRESENTS THAT: **Agency Code: 14-730214 (MC), 14-730836, 14-731912**

- [X] **Hartford Fire Insurance Company**, a corporation duly organized under the laws of the State of Connecticut
- [X] **Hartford Casualty Insurance Company**, a corporation duly organized under the laws of the State of Indiana
- [X] **Hartford Accident and Indemnity Company**, a corporation duly organized under the laws of the State of Connecticut
- [ ] **Hartford Underwriters Insurance Company**, a corporation duly organized under the laws of the State of Connecticut
- [ ] **Twin City Fire Insurance Company**, a corporation duly organized under the laws of the State of Indiana
- [ ] **Hartford Insurance Company of Illinois**, a corporation duly organized under the laws of the State of Illinois
- [ ] **Hartford Insurance Company of the Midwest**, a corporation duly organized under the laws of the State of Indiana
- [ ] **Hartford Insurance Company of the Southeast,** a corporation duly organized under the laws of the State of Florida

having their home office in Hartford, Connecticut, (hereinafter collectively referred to as the "Companies") do hereby make, constitute and appoint, ***up to the amount of unlimited:***

Tracy L. Carlile, Chris James, Christi Horn ***of Franklin TN****, Robert M. Coon, Susan F. Westbrook, Linda P. Greenway* ***of Greensboro NC****, Windy Lovelady* ***of Raleigh NC****, Latimer Williams, Tambri Doby* ***of Charlotte NC****, E. Bruce Wilsie, Theresa S. Stump, Deanna W. Sparks, Sherrie B. Denison, Matthew D. Kerr III, Vickie H. Bibee, Bethany Murphy* ***of Roanoke VA****, R. Hutcheson Mauck Jr., Mike Philhower, Stacey W. Hall, Nancy L. Adams, James J. Roberts III* ***of Richmond VA****, William B. San Soucie, Joanna M. Carson, Lindsey M. DeJarnette, Stephen B. Dolin, Cary A. McFadden, Cara Brown* ***of Lynchburg VA***

their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety(ies) only as delineated above by ☒, and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

In Witness Whereof, and as authorized by a Resolution of the Board of Directors of the Companies on 10/1/98, 9/19/00, 7/21/03, 1/22/04, 3/1/07, 8/1/09 or 8/1/12 the Companies have caused these presents to be signed by its Vice President and its corporate seals to be hereto affixed, duly attested by its Assistant Secretary. Further, pursuant to Resolution of the Board of Directors of the Companies, the Companies hereby unambiguously affirm that they are and will be bound by any mechanically applied signatures applied to this Power of Attorney.

John Gray, Assistant Secretary

Gary W. Stumper, Vice President

STATE OF CONNECTICUT }
COUNTY OF HARTFORD } ss. Hartford

On this fifteenth day of March, 2013, before me personally came Gary W. Stumper, to me known, who being by me duly sworn, did depose and say: that (s)he resides in the County of Hartford, State of Connecticut; that (s)he is the Vice President of the Companies, the corporations described in and which executed the above instrument; that (s)he knows the seals of the said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed by authority of the Boards of Directors of said corporations and that (s)he signed his/her name thereto by like authority.

Kathleen T. Maynard
Notary Public
My Commission Expires July 31, 2016

CERTIFICATE

I, the undersigned, Assistant Vice President of the Companies, DO HEREBY CERTIFY that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is still in full force effective as of September 16, 2013

Signed and sealed at the City of Hartford.

Kevin Heckman, Assistant Vice President

VDOT
Virginia Department of Transportation

SECTION 4.3.6
SWORN STATEMENT FORMS

BranchHighways

Form C-104
Rev. 7-13-05

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PROJECT: 0003-023-107, P101, R201, C501

FHWA: STP-023-7 (028)

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 FOLLOWIN G STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HA VING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY U NDER THE LA WS 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 Roanoke City, Virginia (County (City), STATE), this 5th day of September, 20 13

Branch Highways, Inc. (Name of Firm) By: _____ (Signature) CHIEF ESTIMATOR (Title (print))

STATE of Virginia COUNTY (CITY) of City of Roanoke To-wit:

I Pamela Simmons, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Gale M. Tschuor, Chief Estimator 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 5th day of September, 20 13

Pamela Simmons
Notary Public

My Commission expires 8/31/2016

PAMELA SIMMONS
Notary Public
Commonwealth of Virgina
341872
My Commission Expires Aug. 31, 2016

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 _____ (County (City), STATE), this ____ day of _____, 20 ____

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

Form C-105
Rev. 7-13-05

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT

PROJECT:

FHWA:

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

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

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

NAME	Location of Principal Office
VTCA	Richmond, Virginia

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.:

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 Roanoke City, Virginia, this 5th day of September, 20 13
County (City), STATE

Branch Highways, Inc. By: _____ CHIEF ESTIMATOR
(Name of Firm) (Signature) Title (print)

STATE of Virginia COUNTY (CITY) of City of Roanoke
To-wit:

I Pamela Simmons, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Gale M. Tschuor, Chief Estimator 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 5th day of September, 20 13

Pamela Simmons My Commission expires 8/31/2016
Notary Public

PAMELA SIMMONS
Notary Public
Commonwealth of Virgina
341872
My Commission Expires Aug. 31, 2016

VDOT
Virginia Department of Transportation

SECTION 4.3.7
DBE REQUIREMENTS FORM

BranchHighways

Form C-111
Rev. 2-15-11

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
MINIMUM DBE REQUIREMENTS

PROJECT NO. 0003-023-107, P101, R201, C501

FHWA NO. STP-023-7 (028)

*** * * INSTRUCTIONS * * ***

THIS FORM CAN BE USED BY THE CONTRACTOR TO SUBMIT THE NAMES OF DBE FIRMS TO BE UTILIZED ON THE PROJECT. THE CONTRACTOR SHALL INDICATE THE DESCRIPTION OF THE CATEGORY (S, M, SP or H) AND THE TYPE OF WORK THAT EACH DBE WILL PERFORM AND THE ALLOWABLE CREDIT PER ITEM(S). ADDITIONAL SHEETS TO SHOW THE ALLOWABLE CREDIT PER ITEM MAY BE ATTACHED IF NECESSARY. **PLEASE NOTE:** THE AMOUNT OF ALLOWABLE CREDIT FOR A DBE SUPPLIER IS 60% OF THE TOTAL COST OF THE MATERIALS OR SUPPLIES OBTAINED AND 100% FOR A DBE MANUFACTURER OF THE MATERIALS AND SUPPLIES OBTAINED. A CONTRACTOR MAY COUNT 100% OF THE FEES PAID TO A DBE HAULER FOR THE DELIVERY OF MATERIALS AND SUPPLIES TO THE PROJECT SITE, BUT NOT FOR THE COST OF THE MATERIALS AND SUPPLIES THEMSELVES.

DBE REQUIREMENT 20.0 %

PERCENT ATTAINED BY BIDDER 20.5 %

NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED	USED AS SUBCONTR. (S) MFG. (M) SUPPLIER (SP) HAULER (H)	TYPE OF WORK AND ITEM NO(S)	$ AMOUNT OF ALLOWABLE CREDIT PER ITEM
Please see attached sheet.			
		TOTAL	$ 4,849,693.00

TOTAL CONTRACT VALUE $ 23,593,455.00 x REQUIRED DBE 20 % = $ 4,718,691.00

I/WE CERTIFY THAT THE PROPOSED DBE(S) SUBMITTED WILL BE USED ON THIS CONTRACT AS STATED HEREON AND ASSURE THAT DURING THE LIFE OF THE CONTRACT. I/WE WILL MEET OR EXCEED THE PARTICIPATION ESTABLISHED HEREON BY THE DEPARTMENT.

Branch Highways, Inc.
BIDDER

BY
SIGNATURE

Chief Estimator
TITLE

BY 09-20-13
DATE

Form C-111

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF TRANSPORTATION

MINIMUM DBE REQUIREMENTS

PROJECT NO. 0003-023-107, P101, R201, C501

FHWA NO. STP-023-7 (028)

NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED	USED AS SUBCONTR.(S) MFG. (M) SUPPLIER (SP) HAULER (H)	TYPE OF WORK AND ITEM NO(S)	$ AMOUNT OF ALLOWABLE CREDIT PER ITEM
Tavares Concrete Company, Inc.	S	Concrete	$291,181.00
Las Racas Trucking Inc.	H	Stone Haul	$164,570.00
Jireh Trucking	H	Stone Haul	$98,759.00
Humberto Valenzuela T/A Donatus Trucking	H	Stone Haul	$65,811.00
Maria Vina	H	Stone Haul	$98,760.00
CLS Trucking, LLC	S	Asphalt Trucking	$1,125,000.00
NXL Construction Services, Inc.	S	QA	$638,671.00
New Form Supply	SP	Pipe Supply	$431,157.00
Apex Petroleum Corporation	SP	Fuel Supply	$300,000.00
Aacme General Contractors, Inc.	S	Seeding	$266,100.00
S. Ferguson, Inc.	S	Trucking	$1,010,510.00
HWR	S	Hydraulic Design	$359,174.00
		Total:	$4,849,693.00

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

Federal Project No.:

This form is to be submitted in accordance with the Department's Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed *subcontract agreement* shall be submitted to the Engineer within fourteen (14) business days after contract execution.

It is further certified that the aforementioned mutually acceptable quote and fully executed subcontract agreement represent the entire agreement between the parties involved and that no conversations, verbal agreements, or other forms of non-written representations shall serve to add to, delete, or modify the terms as stated.

The prime Contractor further represents that the aforementioned mutually acceptable quote and fully executed subcontract agreement shall remain on file for a period of not less than one year following completion of the prime's contract with the Department or for such longer period as provisions of governing Federal or State law or regulations may require. For purposes of this form, the term Prime Contractor shall refer to any Contractor utilizing a DBE subcontractor, regardless of tier, in which they are claiming DBE credit toward the contract goal.

Contractors further jointly and severally represent that said binding agreement is for the performance of a "commercially useful function" as that term is employed in 49 C.F.R. Part 26.55 (c), (d).

TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Branch Highways, Inc.

By: _____ CHIEF ESTIMATOR
Signature Title

Date: 09-13-13

First Tier Subcontractor if Applicable: TAVARES CONCRETE COMPANY, INC.

By: _____ PRESIDENT
Signature Title

Date: 9/11/2013

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor TAVARES CONCRETE COMPANY, INC.

By: _____ PRESIDENT
Signature Title

Date: 9/11/2013

Form C-112
Rev. 3-1-11
Page 1 of 2

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

Federal Project No.:

This form is to be submitted in accordance with the Department's Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed subcontract agreement shall be submitted to the Engineer within fourteen (14) business days after contract execution.

It is further certified that the aforementioned mutually acceptable quote and fully executed subcontract agreement represent the entire agreement between the parties involved and that no conversations, verbal agreements, or other forms of non-written representations shall serve to add to, delete, or modify the terms as stated.

The prime Contractor further represents that the aforementioned mutually acceptable quote and fully executed subcontract agreement shall remain on file for a period of not less than one year following completion of the prime's contract with the Department or for such longer period as provisions of governing Federal or State law or regulations may require. For purposes of this form, the term Prime Contractor shall refer to any Contractor utilizing a DBE subcontractor, regardless of tier, in which they are claiming DBE credit toward the contract goal.

Contractors further jointly and severally represent that said binding agreement is for the performance of a "commercially useful function" as that term is employed in 49 C.F.R. Part 26.55 (c), (d).

TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Branch Highways, Inc.

By: _____ CHIEF ESTIMATOR
Signature Title

Date: 09-15-13

First Tier Subcontractor if Applicable: Luck Stone

By: _____ Sale
Signature Title

Date: 9-13-2013

Second Tier Subcontractor if Applicable _____

By: _____ Signature _____ Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ Signature _____ Title

Date: _____

DBE Contractor Las Rocas Trucking inc

By: _____ Signature President Title

Date: 9/13/13

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor Jireh Trucking

By: _____ President / owner
Signature Title

Date: 9-12-13

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor Humberto Valenzuela T/A Donatos Trucking

By: Valenzuela Owner
Signature Title

Date: 9-12-13

Second Tier Subcontractor if Applicable _____

By: _____ Signature _____ Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ Signature _____ Title

Date: _____

DBE Contractor _____

By: MARIA VINA Signature President (Owner) Title

Date: 9-13-13

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

Federal Project No.:

This form is to be submitted in accordance with the Department's Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed *subcontract agreement* shall be submitted to the Engineer within fourteen (14) business days after contract execution.

It is further certified that the aforementioned mutually acceptable quote and fully executed subcontract agreement represent the entire agreement between the parties involved and that no conversations, verbal agreements, or other forms of non-written representations shall serve to add to, delete, or modify the terms as stated.

The prime Contractor further represents that the aforementioned mutually acceptable quote and fully executed subcontract agreement shall remain on file for a period of not less than one year following completion of the prime's contract with the Department or for such longer period as provisions of governing Federal or State law or regulations may require. For purposes of this form, the term Prime Contractor shall refer to any Contractor utilizing a DBE subcontractor, regardless of tier, in which they are claiming DBE credit toward the contract goal.

Contractors further jointly and severally represent that said binding agreement is for the performance of a "commercially useful function" as that term is employed in 49 C.F.R. Part 26.55 (c), (d).

TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Branch Highways, Inc.

By: _____ Signature

Chief Estimator
Title

Date: 09-04-13

First Tier Subcontractor if Applicable: Superior Paving Corp

By: _____ Signature

Marketing Representative
Title

Date: 9/12/13

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor C.L.S Trucking LLC

By: Rebecca Snodgrass Manager
Signature Title

Date: 9-12-13

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

Federal Project No.:

This form is to be submitted in accordance with the Department's Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed *subcontract agreement* shall be submitted to the Engineer within fourteen (14) business days after contract execution.

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Branch Highways, Inc.

By: _____ Chief Estimator
Signature Title

Date: 09-04-13

First Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date _____

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor NXL Construction Services, Inc.

By: _____ President
Signature Title

Date: September 9, 2013

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

Federal Project No.:

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Branch Highways, Inc.

By: _____ Chief Estimator
Signature Title

Date: 09-04-13

First Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor New Form Building Systems, Inc.

By Michelle C. Acherton Treasurer
Signature Title

Date: 9/9/2013

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor Apex Petroleum Corp

By: _____ Dir. Sales & Mktg.
Signature Title

Date: 09/04/13

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

Federal Project No.:

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Branch Highways, Inc.

By: _____ Chief Estimator
Signature Title

Date: 09-04-13

First Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor Acme General Contractors Inc.

By: Heather Smoot Treasurer
Signature Title

Date: 5/9/2013

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Branch Highways, Inc.

By: _____ Chief Estimator
Signature Title

Date: 09-04-13

First Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Second Tier Subcontractor if Applicable _____

By: _____ (Signature) _____ (Title)

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ (Signature) _____ (Title)

Date: _____

xDBE Contractor S. Ferguson, Inc.

By: Gloria Ferguson (Signature) Vice-president (Title)

Date: 9-13-13

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

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Prime Contractor Branch Highways, Inc.

By: _____ Chief Estimator
Signature Title

Date: 09-04-13

First Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Second Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

Third Tier Subcontractor if Applicable _____

By: _____ _____
Signature Title

Date: _____

DBE Contractor HASSAN WATER RESOURCES, PLC

By: Emad Hassan President
Signature Title

Date: 9/9/2013

PO Box 40004 | Roanoke, VA 24022 | Phone: 540-982-1678

9201 Arboretum Parkway, Suite 310 | Richmond, VA 23236 | Phone: 804-323-9900