

RESPONSE TO REQUEST FOR PROPOSALS

# I-64 EXIT 91 INTERCHANGE IMPROVEMENTS

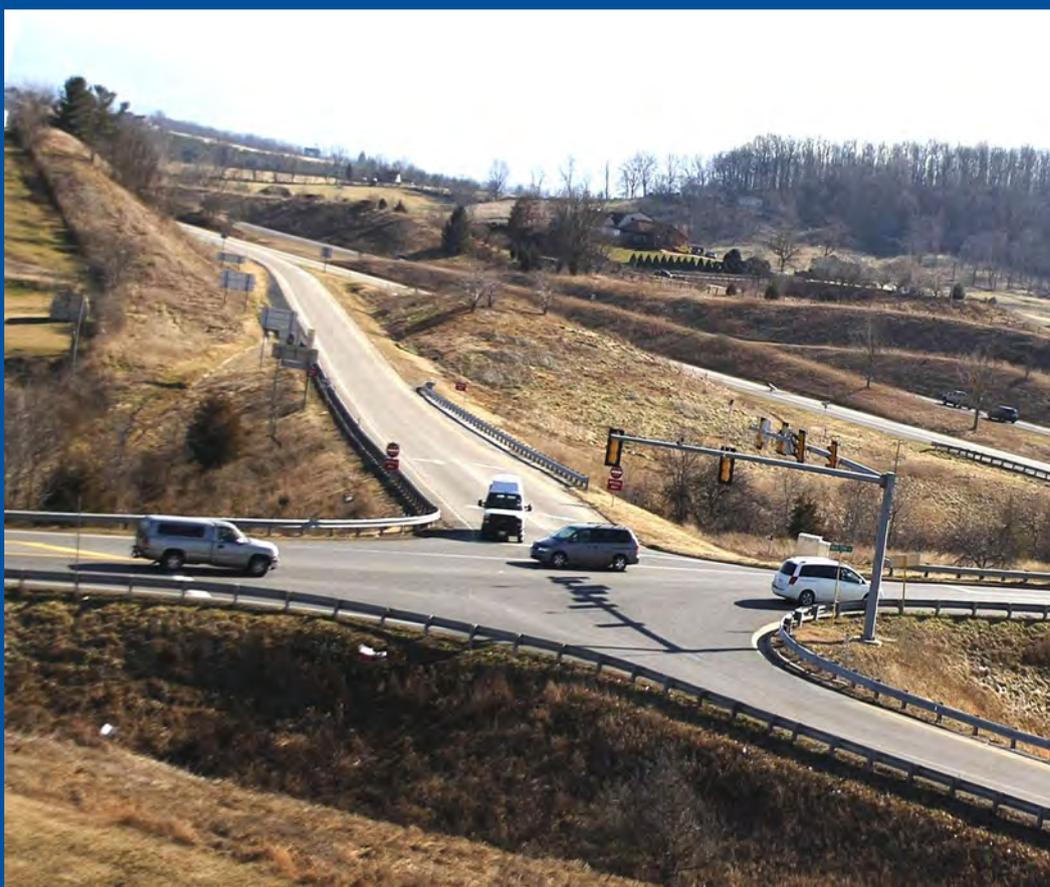
A DESIGN-BUILD PROJECT

From: 0.429 Miles West of Route 285

To: 0.438 Miles East of Route 285

Augusta County, Virginia

*Price Proposal*



State Project No.: 0064-007-111, P101, R201, C501, B-627

Federal Project No.: NH-064-2(152)

Contract ID Number: C00075877DB47

SUBMITTED TO:



SUBMITTED BY:



IN ASSOCIATION WITH:



**ATTACHMENT 4.0.1.2**

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: I-64 Exit 91 Interchange Improvements  
Contract ID Number: C00075877DB47**

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➤ **Contents of Price Proposal:**

- Proposal Price, in both numbers and words (Attachment 4.8.1)**
  - Schedule of Values itemized in accordance with Part 1, Section 4.8, including material quantities and costs of each proposed work package**
  - Proposed Monthly Payment Schedule showing the anticipated schedule on which funds will be required and associated value of work in accordance with Part 1, Section 4.8**
  - Price Adjustment Information and Forms for Fuel, Asphalt and Steel, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
  - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
  - Sworn Statement Forms (C-104, C-105, Attachments 4.8.7(a) and 4.8.7(b))**
  - DBE Requirements Forms (C-111, C-49 and C-112) as applicable (Attachments 4.8.8(a), 4.8.8(b) and 4.8.8(c))**
  - Debarment Form (Primary) – Attachment 11.8.6(a)**
  - Debarment Form(s) (Lower Tier) – Attachment 11.8.6(b)**
  - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
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**ATTACHMENT 4.8.1**

**PRICE PROPOSAL FORM**

**4.8.1** Offeror shall specify, the following pricing information, in both numbers and words:

.1 Proposal Price;

Lump Sum Twenty One Million Seventy Three  
Thousand Dollars (\$21,073,000.)

Date: July 27, 2012

Signature: 

Design-Builder: Shirley Contracting Company, LLC

Vendor No.: S018





**Schedule of Values**  
I-64 EXIT 91  
CONTRACT ID NO - C00075877DB47

Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
<b>SCHEDULE MILESTONES</b>					
<b>A</b>					
A		<b>SCHEDULE MILESTONES</b>			
A1000		NOTICE OF INTENT TO AWARD (8/8/12)			
A1020		POST NOI TO AWARD (8/9/12)			
A1040		CTB AWARD (9/19/12)			
A1060		DESIGN-BUILD CONTRACT EXECUTION (10/17/12)			
A1080		NOTICE TO PROCEED (10/18/12)	1	LS	\$200,000.00
A1100		BEGIN PHASE I CONSTRUCTION			
A1120		BEGIN PHASE II CONSTRUCTION			
A1140		BEGIN PHASE III CONSTRUCTION			
A1160		SUBSTANTIAL COMPLETION (8/31/15)			
A1180		COMPLETE VDOT PUNCHLIST			
A1200		FINAL COMPLETION (8/31/15)			
A1220		SCOPE VALIDATION PERIOD (120 DAYS)			
<b>DESIGN</b>					
<b>B</b>					
B	A	<b>PRELIMINARY DESIGN - FIELD SURVEY/MAPPING</b>			
BA1000		NOTIFICATION OF LANDOWNERS			
BA1020		BASE MAPPING/FIELD SURVEY	1	LS	\$154,122.00
BA1040		UTILITY DESIGNATIONS	1	LS	\$65,640.00
BA1060		UTILITY TEST PITS	1	LS	\$65,640.00
BA1080		PREPARE ROW/MOT PLANS	1	LS	\$262,560.00
BA1100		VDOT REVIEW/COMMENT ROW/MOT PLANS			
BA1120		APPROVE ROW/MOT PLANS			
BA1140		GEOTECHNICAL INVESTIGATION	1	LS	\$196,920.00
BA1160		VDOT REVIEWS GEOTECHNICAL REPORTS			
B	B	<b>ROADWAY DESIGN</b>			
BB2000		PREPARE ROADWAY PLANS (1ST SUBMISSION)	1	LS	\$656,400.00
BB2020		DESIGN QA/QC (1ST SUBMISSION)	1	LS	\$328,200.00
BB2040		SUBMIT ROADWAY PLANS (1ST SUBMISSION)			
BB2060		VDOT REVIEW/COMMENT ROADWAY PLANS (1ST SUBMISSION)			
BB2080		PREPARE ROADWAY PLANS (2ND SUBMISSION)			
BB2100		DESIGN QA/QC (2ND SUBMISSION)	1	LS	\$164,100.00
BB2120		SUBMIT ROADWAY PLANS (2ND SUBMISSION)	1	LS	\$65,640.00
BB2140		VDOT REVIEW/COMMENT ROADWAY PLANS (2ND SUBMISSION)			
BB2160		PREPARE FINAL ROADWAY PLANS	1	LS	\$164,100.00
BB2180		DESIGN FINAL QA/QC PLANS	1	LS	\$65,640.00
BB2200		SUBMIT FINAL ROADWAY PLANS			
BB2220		VDOT REVIEW/COMMENT FINAL ROADWAY PLANS			
BB2240		FINAL ROADWAY PLANS APPROVED			
B	C	<b>BRIDGE DESIGN</b>			
BC3000		SUBMIT PRELIMINARY DESIGN (TS&L) - BRIDGE B-627	1	LS	\$16,410.00
BC3020		VDOT REVIEW/COMMENT BRIDGE PRELIMINARY DESIGN			
BC3040		PREPARE BRIDGE PLANS (1ST SUBMISSION)	1	LS	\$328,200.00
BC3060		DESIGN QA/QC (1ST SUBMISSION)	1	LS	\$328,200.00
BC3080		SUBMIT BRIDGE PLANS (1ST SUBMISSION)			
BC3100		VDOT REVIEW/COMMENT BRIDGE PLANS (1ST SUBMISSION)			
BC3120		PREPARE FINAL BRIDGE PLANS	1	LS	\$49,230.00
BC3140		DESIGN QA/QC (FINAL SUBMISSION)	1	LS	\$49,230.00
BC3160		SUBMIT FINAL BRIDGE PLANS			
BC3180		VDOT REVIEW/COMMENT BRIDGE PLANS (FINAL SUBMISSION)			
BC3200		FINAL PLANS APPROVED			
B	D	<b>SWM/CULVERT DESIGN</b>			
BD4000		SUBMIT SWPPP (LD-455E)	1	LS	\$328,200.00
BD4020		VDOT APPROVE SWPPP (LD-455E) (HOLD PT)			
<b>PUBLIC OUTREACH</b>					



**Schedule of Values**  
I-64 EXIT 91  
CONTRACT ID NO - C00075877DB47

Activity ID	Activity Name/Description	Quantity	Unit	Scheduled Value
<b>C</b>				
<b>C</b>	<b>PUBLIC OUTREACH</b>			
C1000	PUBLIC INVOLVEMENT & AFFAIRS MEETING	1	LS	\$16,410.00
<b>ENVIRONMENTAL PERMITTING</b>				
<b>D</b>				
<b>D</b>	<b>ENVIRONMENTAL PERMITTING</b>			
D1020	PROPERTY ACCESS HOLD			
D1040	HAZARDOUS MATERIAL COORDINATION			
D1060	T&E SPECIES COORDINATION	1	LS	\$26,256.00
D1080	WETLAND DELINEATIONS, SURVEYS, & JURISDICTIONAL DETERMINATION	1	LS	\$98,460.00
D1100	ENVIRONMENTAL PERMIT "EARLY COORDINATION"	1	LS	\$15,032.00
D1120	*CORPS OF ENGINEERS GENERAL PERMIT	1	LS	\$60,128.00
D1140	*VIRGINIA WATER PROTECTION GENERAL PERMIT COORDINATION	1	LS	\$45,096.00
D1160	*VMRC SUB-AQUEOUS BED GENERAL PERMIT COORDINATION	1	LS	\$30,064.00
D1180	LD-445 FORMS - TO BE SUBMITTED WITH 60% PLANS			
D1200	LEAD AND ASBESTOS SURVEYS AND TESTING (BRIDGE B-627)			
<b>RIGHT OF WAY ACQUISITION/EASEMENTS</b>				
<b>E</b>				
<b>E</b>	<b>RIGHT OF WAY ACQUISITION/EASEMENTS</b>			
E1000	ACQUISITION AND RELOCATION PLAN	1	LS	\$6,564.00
E1020	VDOT R/A ACQUISITION AND RELOCATION PLAN (HOLD PT)			
<b>E</b>	<b>A</b>			
	<b>NW OF I-64/285</b>			
EA1020	PREPARE TITLE REPORTS	1	LS	\$34,533.00
EA1040	PREPARE APPRAISALS	1	LS	\$34,533.00
EA1060	INDEPENDENT APPRAISAL REVIEW			
EA1080	VDOT APPRAISAL REVIEW/APPROVAL			
EA1100	PREPARE/APPROVE OFFERS			
EA1120	DELIVER OFFERS			
EA1140	NEGOTIATIONS			
EA1160	SETTLEMENTS/CERTIFICATES			
EA1180	VDOT NOTICE TO COMMENCE CONSTRUCTION (HOLD PT)			
EA1000	VDOT ISSUE NTC-ROWA (HOLD PT)			
<b>E</b>	<b>B</b>			
	<b>SW OF I-64/285</b>			
EB1000	VDOT ISSUE NTC-ROWA (HOLD PT)			
EB1020	PREPARE TITLE REPORTS			
EB1040	PREPARE APPRAISALS	1	LS	\$34,533.00
EB1060	INDEPENDENT APPRAISAL REVIEW	1	LS	\$34,533.00
EB1080	VDOT APPRAISAL REVIEW/APPROVAL			
EB1100	PREPARE/APPROVE OFFERS			
EB1120	DELIVER OFFERS			
EB1140	NEGOTIATIONS			
EB1160	SETTLEMENTS/CERTIFICATES			
EB1180	VDOT NOTICE TO COMMENCE CONSTRUCTION (HOLD PT)			
<b>E</b>	<b>C</b>			
	<b>NE OF I-64/285</b>			
EC1000	VDOT ISSUE NTC-ROWA (HOLD PT)			
EC1020	PREPARE TITLE REPORTS	1	LS	\$34,533.00
EC1040	PREPARE APPRAISALS	1	LS	\$34,533.00
EC1060	INDEPENDENT APPRAISAL REVIEW			
EC1080	VDOT APPRAISAL REVIEW/APPROVAL			
EC1100	PREPARE/APPROVE OFFERS			
EC1120	DELIVER OFFERS			
EC1140	NEGOTIATIONS			
EC1160	SETTLEMENTS/CERTIFICATES			
EC1180	VDOT NOTICE TO COMMENCE CONSTRUCTION (HOLD PT)			



**Schedule of Values**  
I-64 EXIT 91  
CONTRACT ID NO - C00075877DB47

Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
<b>E</b>	<b>D</b>	<b>SE OF I-64/285</b>			
ED1000		VDOT ISSUE NTC-ROWA (HOLD PT)			
ED1020		PREPARE TITLE REPORTS	1	LS	\$34,533.00
ED1040		PREPARE APPRAISALS	1	LS	\$34,533.00
ED1060		INDEPENDENT APPRAISAL REVIEW			
ED1080		VDOT APPRAISAL REVIEW/APPROVAL			
ED1100		PREPARE/APPROVE OFFERS			
ED1120		DELIVER OFFERS			
ED1140		NEGOTIATIONS			
ED1160		SETTLEMENTS/CERTIFICATES			
ED1180		VDOT NOTICE TO COMMENCE CONSTRUCTION (HOLD PT)			
<b>E</b>	<b>E</b>	<b>TINKLING SPRINGS DRIVE - VIRGINIA DEPT OF HISTORICAL RESOURCES</b>			
EE1000		VDOT ISSUE NTC-ROWA (HOLD PT)			
EE1020		PREPARE TITLE REPORTS	1	LS	\$34,533.00
EE1040		PREPARE APPRAISALS	1	LS	\$34,533.00
EE1060		INDEPENDENT APPRAISAL REVIEW			
EE1080		VDOT APPRAISAL REVIEW/APPROVAL			
EE1100		PREPARE/APPROVE OFFERS			
EE1120		DELIVER OFFERS			
EE1140		NEGOTIATIONS			
EE1160		SETTLEMENTS/CERTIFICATES			
EE1180		VDOT NOTICE TO COMMENCE CONSTRUCTION (HOLD PT)			
<b>UTILITY RELOCATIONS</b>					
<b>F</b>					
<b>F</b>	<b>A</b>	<b>DOMINION VIRGINIA POWER</b>			
FA1000		HOLD UFI MEETING WITH VIRGINIA POWER	1	LS	\$34,850.00
FA1020		DOMINION POWER SUBMITS PE ESTIMATE	1	LS	\$13,940.00
FA1040		REVIEW/APPROVE PE ESTIMATE	1	LS	\$55,760.00
FA1060		DOMINION POWER COMPLETES UTILITY DESIGN	1	LS	\$34,850.00
FA1080		APPROVE UTILITY DESIGN	1	LS	\$13,940.00
FA1100		EASEMENT INSTRUMENTS ACQUIRED	1	LS	\$6,970.00
FA1120		DOMINION POWER OVERHEAD RELOCATION - GOOSE CREEK INTERSECTION	1	LS	\$69,700.00
<b>F</b>	<b>B</b>	<b>VERIZON COMMERCIAL</b>			
FB1000		HOLD UFI MEETING WITH VERIZON COMMERCIAL	1	LS	\$34,850.00
FB1020		VERIZON COMM SUBMITS PE ESTIMATE	1	LS	\$13,940.00
FB1040		REVIEW/APPROVE PE ESTIMATE	1	LS	\$55,760.00
FB1060		VERIZON COMM COMPLETES UTILITY DESIGN	1	LS	\$34,850.00
FB1080		APPROVE UTILITY DESIGN	1	LS	\$13,940.00
FB1100		EASEMENT INSTRUMENTS ACQUIRED	1	LS	\$6,970.00
FB1120		VERIZON COMM UG RELOCATION	1	LS	\$69,700.00
<b>F</b>	<b>C</b>	<b>COMCAST</b>			
FC1000		HOLD UFI MEETING WITH COMCAST	1	LS	\$34,850.00
FC1020		COMCAST SUBMITS PE ESTIMATE	1	LS	\$13,940.00
FC1040		REVIEW/APPROVE PE ESTIMATE	1	LS	\$55,760.00
FC1060		COMCAST COMPLETES UTILITY DESIGN	1	LS	\$34,850.00
FC1080		APPROVE UTILITY DESIGN	1	LS	\$13,940.00
FC1100		EASEMENT INSTRUMENTS ACQUIRED	1	LS	\$13,940.00
FC1120		COMCAST OH RELOCATION	1	LS	\$69,700.00
<b>PRE-CONSTRUCTION</b>					
<b>G</b>					
<b>G</b>		<b>PRE-CONSTRUCTION</b>			
G1000		QA/QC PREPARATORY MEETING(S)			
G1020		MOBILIZATION FOR CONSTRUCTION	1	LS	\$497,147.10
G1040		INITIAL SURVEY CONTROLS	1	LS	\$82,988.00
G1060		INITIAL MOT DEVICES	1	LS	\$298,632.00
<b>CONSTRUCTION</b>					



**Schedule of Values**  
I-64 EXIT 91  
CONTRACT ID NO - C00075877DB47

Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
<b>H</b>					
<b>H</b>	<b>1 A</b>	<b>ROUTE 285 TINKLING SPRINGS ROAD (127+90 - 163+11.61 WEST)</b>			
<b>H</b>	<b>1 A 1</b>	<b>ROUTE 285 TINKLING SPRINGS RD (153+50 - 163+11.61 WEST)</b>			
H1A1000		MOT DEVICES	1	LS	\$34,840.00
H1A1020		EROSION CONTROLS	1	LS	\$15,361.00
H1A1040		STRIP TOPSOIL	1	LS	\$2,911.00
H1A1060		EXCAVATION	7482.32	CY	\$157,353.00
H1A1080		STORM DRAINAGE	1	LS	\$85,192.80
H1A1100		SAW CUT EX ASPHALT	2945.3	LF	\$4,182.00
H1A1120		GRADING	1	LS	\$55,394.00
H1A1140		PLACE AGGREGATE 21-B	1997.20	TN	\$34,851.00
H1A1160		UNDERDRAIN	2533.3	LF	\$25,105.00
H1A1180		CONCRETE FLATWORK	1	LS	\$23,455.00
H1A1200		PLACE BASE ASPHALT BM-25.0A	1737.5	TN	\$160,324.85
H1A1220		PLACE IM ASPHALT 19.0A	609.5	TN	\$62,985.95
H1A1240		SIGNALIZATION	1	LS	\$111,000.00
H1A1260		CUT SHARED USE PATH	1402.935	CY	\$29,503.00
H1A1280		PLACE UD-3 SHARED USE PATH	145	LF	\$15,200.00
H1A1300		PLACE AGGREGATE/GEOTEXILE	234.4	TN	\$4,090.00
H1A1320		PLACE SM-12.5A	113	TN	\$14,784.85
H1A1340		GRADE ROW AREAS	1	LS	\$5,500.00
H1A1360		RESPREAD TOPSOIL	1	LS	\$5,500.00
H1A1380		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>1 A 2</b>	<b>ROUTE 636 GOOSE CREEK RD (20+44.98 - 10+00 WEST)</b>			
H1A2000		MOT DEVICES	1	LS	\$34,840.00
H1A2020		EROSION CONTROLS	1	LS	\$15,361.00
H1A2040		STRIP TOPSOIL	1	LS	\$2,911.00
H1A2060		EXCAVATION	7482.32	CY	\$157,353.00
H1A2080		STORM DRAINAGE	1	LS	\$74,543.20
H1A2100		SAW CUT EX ASPHALT	2945.3	LF	\$4,182.00
H1A2120		GRADING	1	LS	\$55,394.00
H1A2140		PLACE AGGREGATE 21-B	1997.20	TN	\$34,851.00
H1A2160		UNDERDRAIN	2533.3	LF	\$25,105.00
H1A2180		CONCRETE FLATWORK	1	LS	\$39,092.00
H1A2200		PLACE BASE ASPHALT BM-25.0A	2085	TN	\$192,390.20
H1A2220		PLACE IM ASPHALT 19.0A	731.4	TN	\$75,582.95
H1A2240		CUT SHARED USE PATH	1402.935	CY	\$29,503.00
H1A2260		PLACE UD-3 SHARED USE PATH	145	LF	\$15,200.00
H1A2280		PLACE AGGREGATE/GEOTEXILE	234.4	TN	\$4,090.00
H1A2300		PLACE SM-12.5A	113	TN	\$14,784.85
H1A2320		GRADE ROW AREAS	1	LS	\$8,500.00
H1A2340		RESPREAD TOPSOIL	1	LS	\$8,500.00
H1A2360		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>1 A 3</b>	<b>ROUTE 285 TINKLING SPRINGS RD (127+90 - 153+50 WEST)</b>			
H1A3000		MOT DEVICES	1	LS	\$34,840.00
H1A3020		EROSION CONTROLS	1	LS	\$31,683.00
H1A3040		STRIP TOPSOIL	1	LS	\$2,911.00
H1A3060		EXCAVATION	15432.285	CY	\$324,540.00
H1A3080		STORM DRAINAGE	1	LS	\$127,788.80
H1A3100		DEMO/DOWEL EX BOX CULVERT	1	LS	\$3,095.00
H1A3120		PLACE REINFORCING STEEL BOX CULVERT	1	LS	\$65,589.00
H1A3140		F/P/S BOX CULVERT	1	LS	\$87,452.00
H1A3160		PLACE RIP-RAP BOX CULVERT OUTFALL	1	LS	\$21,863.00
H1A3180		SAW CUT EX ASPHALT	6774.19	LF	\$9,619.00
H1A3200		GRADING	1	LS	\$83,091.00
H1A3220		PLACE AGGREGATE 21-B	2995.80	TN	\$52,276.00
H1A3240		UNDERDRAIN	6079.92	LF	\$60,252.00
H1A3260		CONCRETE FLATWORK	1	LS	\$70,368.00
H1A3280		PLACE BASE ASPHALT BM-25.0A	2606.25	TN	\$240,487.75
H1A3300		PLACE IM ASPHALT 19.0A	914.25	TN	\$94,479.40
H1A3320		CUT SHARED USE PATH	1402.935	CY	\$29,503.00
H1A3340		PLACE UD-3 SHARED USE PATH	145	LF	\$15,200.00
H1A3360		PLACE AGGREGATE/GEOTEXILE	234.4	TN	\$4,090.00
H1A3380		PLACE SM-12.5A	169.5	TN	\$22,177.75



**Schedule of Values**  
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Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
H1A3400		GRADE ROW AREAS	1	LS	\$12,000.00
H1A3420		RESPREAD TOPSOIL	1	LS	\$12,000.00
H1A3440		SEEDING	12674.55	SY	\$5,830.00
H1A3460		SIGNALIZATION	1	LS	\$111,000.00
<b>H</b>	<b>1 B</b>	<b>ROUTE 285 TINKLING SPRINGS ROAD (104+00 - 125+28 WEST)</b>			
<b>H</b>	<b>1 B 1</b>	<b>SWM POND #1</b>			
H1B1000		INSTALL EROSION CONTROLS	1	LS	\$2,880.00
H1B1020		ROUGH EXCAVATION	1402.935	CY	\$29,503.00
H1B1040		FINE GRADE POND	1	LS	\$3,091.00
H1B1080		INSTALL SWM OUTFALL STRUCTURE	1	LS	\$12,366.00
H1B1080		STORM DRAINAGE INLET STRUCTURE	1	LS	\$9,274.00
H1B1100		CONSTRUCT ACCESS ROAD	1	LS	\$6,183.00
<b>H</b>	<b>1 B 2</b>	<b>ROUTE 285 TINKLING SPRINGS RD (115+00 - 125+28 WEST)</b>			
H1B2000		MOT DEVICES	1	LS	\$34,840.00
H1B2020		EROSION CONTROLS	1	LS	\$17,281.00
H1B2040		STRIP TOPSOIL	1	LS	\$2,911.00
H1B2060		EXCAVATION	8417.61	CY	\$177,022.00
H1B2080		STORM DRAINAGE	1	LS	\$106,490.40
H1B2100		SAW CUT EX ASPHALT	2945.3	LF	\$4,182.00
H1B2120		GRADING	1	LS	\$62,318.00
H1B2140		PLACE AGGREGATE 21-B	2246.85	TN	\$39,207.00
H1B2180		UNDERDRAIN	2533.3	LF	\$25,105.00
H1B2180		CONCRETE FLATWORK	1	LS	\$31,273.00
H1B2200		PLACE BASE ASPHALT BM-25.0A	1476.875	TN	\$136,275.60
H1B2220		PLACE IM ASPHALT 19.0A	518.075	TN	\$53,538.20
H1B2240		CUT SHARED USE PATH	1402.935	CY	\$29,503.00
H1B2280		PLACE UD-3 SHARED USE PATH	145	LF	\$15,200.00
H1B2280		PLACE AGGREGATE/GEOTEXILE	234.4	TN	\$4,090.00
H1B2300		PLACE SM-12.5A	84.75	TN	\$11,088.40
H1B2320		GRADE ROW AREAS	1	LS	\$11,000.00
H1B2340		RESPREAD TOPSOIL	1	LS	\$11,000.00
H1B2360		SEEDING	12674.55	SY	\$5,830.00
H1B2380		SIGNALIZATION	1	LS	\$111,000.00
<b>H</b>	<b>1 B 3</b>	<b>ROUTE 935 EXPO (17+00 - 10+00 WEST)</b>			
H1B3000		MOT DEVICES	1	LS	\$34,840.00
H1B3020		EROSION CONTROLS	1	LS	\$11,521.00
H1B3040		STRIP TOPSOIL	1	LS	\$1,683.00
H1B3060		EXCAVATION	5611.74	CY	\$118,014.00
H1B3080		STORM DRAINAGE	1	LS	\$53,244.80
H1B3100		SAW CUT EX ASPHALT	1767.18	LF	\$2,509.00
H1B3120		GRADING	1	LS	\$41,545.00
H1B3140		PLACE AGGREGATE 21-B	1497.90	TN	\$26,138.00
H1B3160		UNDERDRAIN	1519.98	LF	\$15,063.00
H1B3180		CONCRETE FLATWORK	1	LS	\$27,364.00
H1B3200		PLACE BASE ASPHALT BM-25.0A	1216.25	TN	\$112,227.30
H1B3220		PLACE IM ASPHALT 19.0A	426.65	TN	\$44,089.50
H1B3240		CUT SHARED USE PATH	1402.935	CY	\$29,503.00
H1B3260		PLACE UD-3 SHARED USE PATH	145	LF	\$15,200.00
H1B3280		PLACE AGGREGATE/GEOTEXILE	234.4	TN	\$4,090.00
H1B3300		PLACE SM-12.5A	84.75	TN	\$11,088.40
H1B3320		GRADE ROW AREAS	1	LS	\$5,500.00
H1B3340		RESPREAD TOPSOIL	1	LS	\$5,500.00
H1B3360		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>1 B 4</b>	<b>ROUTE 285 TINKLING SPRINGS RD (104+00-115+00 WEST)</b>			
H1B4000		MOT DEVICES	1	LS	\$34,840.00
H1B4020		EROSION CONTROLS	1	LS	\$17,281.00
H1B4040		STRIP TOPSOIL	1	LS	\$2,911.00
H1B4060		EXCAVATION	8417.61	CY	\$177,022.00
H1B4080		STORM DRAINAGE	1	LS	\$85,192.80
H1B4100		SAW CUT EX ASPHALT	2945.3	LF	\$4,182.00
H1B4120		GRADING	1	LS	\$62,318.00
H1B4140		PLACE AGGREGATE 21-B	2246.85	TN	\$39,207.00



**Schedule of Values**  
I-64 EXIT 91  
CONTRACT ID NO - C00075877DB47

Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
H1B4160		UNDERDRAIN	2533.3	LF	\$25,105.00
H1B4180		CONCRETE FLATWORK	1	LS	\$35,183.00
H1B4200		PLACE BASE ASPHALT BM-25.0A	1737.5	TN	\$160,324.85
H1B4220		PLACE IM ASPHALT 19.0A	609.5	TN	\$62,985.95
H1B4240		GRADE ROW AREAS	1	LS	\$8,500.00
H1B4260		RESPREAD TOPSOIL	1	LS	\$8,500.00
H1B4280		SEEDING	12674.55	SY	\$5,830.00
H1B4300		SIGNALIZATION	1	LS	\$111,000.00
<b>H</b>	<b>1 C</b>	<b>I-64 EXIT 91 ACCELL/DECEL RAMPS A,B,C,D</b>			
<b>H</b>	<b>1 C 1</b>	<b>RAMP A LT</b>			
H1C1000		MOT DEVICES	1	LS	\$34,840.00
H1C1020		EROSION CONTROLS	1	LS	\$4,800.00
H1C1040		STRIP TOPSOIL	0.1	LS	\$1,683.00
H1C1060		SAW CUT EX ASPHALT	1472.65	LF	\$2,091.00
H1C1080		EXCAVATION	2338.225	CY	\$49,172.00
H1C1100		GRADING	1	LS	\$19,387.00
H1C1120		PLACE AGGREGATE 21-B	699.02	TN	\$12,197.00
H1C1140		UNDERDRAIN	759.99	LF	\$7,531.00
H1C1160		PLACE BASE ASPHALT BM-25.0A	434.375	TN	\$40,080.50
H1C1180		PLACE IM ASPHALT 19.0A	152.375	TN	\$15,746.25
H1C1200		GRADE ROW AREAS	1	LS	\$2,866.00
H1C1220		RESPREAD TOPSOIL	1	LS	\$2,866.00
H1C1240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>1 C 2</b>	<b>RAMP B RT</b>			
H1C2000		MOT DEVICES	1	LS	\$34,840.00
H1C2020		EROSION CONTROLS	1	LS	\$4,800.00
H1C2040		STRIP TOPSOIL	1	LS	\$1,683.00
H1C2060		SAW CUT EX ASPHALT	1472.65	LF	\$2,091.00
H1C2080		EXCAVATION	2338.225	CY	\$49,172.00
H1C2100		GRADING	1	LS	\$19,387.00
H1C2120		PLACE AGGREGATE 21-B	699.02	TN	\$12,197.00
H1C2140		UNDERDRAIN	759.99	LF	\$7,531.00
H1C2160		PLACE BASE ASPHALT BM-25.0A	434.375	TN	\$40,080.50
H1C2180		PLACE IM ASPHALT 19.0A	152.375	TN	\$15,746.25
H1C2200		GRADE ROW AREAS	1	LS	\$2,500.00
H1C2220		RESPREAD TOPSOIL	1	LS	\$2,500.00
H1C2240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>1 C 3</b>	<b>RAMP C RT</b>			
H1C3000		MOT DEVICES	1	LS	\$34,840.00
H1C3020		EROSION CONTROLS	1	LS	\$4,800.00
H1C3040		STRIP TOPSOIL	1	LS	\$1,683.00
H1C3060		SAW CUT EX ASPHALT	1472.65	LF	\$2,091.00
H1C3080		EXCAVATION	2338.225	CY	\$49,172.00
H1C3100		GRADING	1	LS	\$19,387.00
H1C3120		PLACE AGGREGATE 21-B	699.02	TN	\$12,197.00
H1C3140		UNDERDRAIN	759.99	LF	\$7,531.00
H1C3160		PLACE BASE ASPHALT BM-25.0A	434.375	TN	\$40,080.50
H1C3180		PLACE IM ASPHALT 19.0A	152.375	TN	\$15,746.25
H1C3200		GRADE ROW AREAS	1	LS	\$2,500.00
H1C3220		RESPREAD TOPSOIL	1	LS	\$2,500.00
H1C3240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>1 C 4</b>	<b>RAMP D LT</b>			
H1C4000		MOT DEVICES	1	LS	\$34,840.00
H1C4020		EROSION CONTROLS	1	LS	\$4,800.00
H1C4040		STRIP TOPSOIL	1	LS	\$2,911.00
H1C4060		SAW CUT EX ASPHALT	1472.65	LF	\$2,091.00
H1C4080		EXCAVATION	2338.225	CY	\$49,172.00
H1C4100		GRADING	1	LS	\$19,387.00
H1C4120		PLACE AGGREGATE 21-B	699.02	TN	\$12,197.00
H1C4140		UNDERDRAIN	759.99	LF	\$7,531.00
H1C4160		PLACE BASE ASPHALT BM-25.0A	434.375	TN	\$40,080.50
H1C4180		PLACE IM ASPHALT 19.0A	152.375	TN	\$15,746.25



**Schedule of Values**  
I-64 EXIT 91  
CONTRACT ID NO - C00075877DB47

Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
H1C4200		GRADE ROW AREAS	1	LS	\$2,500.00
H1C4220		RESPREAD TOPSOIL	1	LS	\$2,500.00
H1C4240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>1 X</b>	<b>BRIDGE B-627</b>			
H	1 X 1	BRIDGE B-627 WEST SIDE PHASE I			
H1X1000		BRIDGE SHOP DRAWINGS	1	LS	\$6,166.00
H1X1020		ABUT A - STRUCTURE EXCAVATION	934	CY	\$27,207.00
H1X1040		ABUT A - PILE	9	EA	\$22,380.00
H1X1060		ABUT A - MSE WALL	1238.8	SF	\$72,878.00
H1X1080		ABUT A - F/R/P/S PILE CAP	8.825	CY	\$5,295.00
H1X1100		ABUT A - F/R/P/S BACKWALL	26.475	CY	\$15,885.00
H1X1120		ABUT B - STRUCTURE EXCAVATION	934	CY	\$27,207.00
H1X1140		ABUT B - PILE	9	EA	\$22,380.00
H1X1160		ABUT B - MSE WALL	1238.8	SF	\$72,878.00
H1X1180		ABUT B - F/R/P/S PILE CAP	8.825	CY	\$5,295.00
H1X1200		ABUT B - F/R/P/S BACKWALL	26.475	CY	\$15,885.00
H1X1220		FAB/DELIVER BEAMS	1	LS	\$195,427.00
H1X1240		ERECT BEAMS	1	LS	\$130,285.00
H1X1260		INSTALL DECKING	1	LS	\$20,729.00
H1X1280		INSTALL DECK REINFORCING STEEL	1	LS	\$186,562.00
H1X1300		POUR/CURE BRIDGE DECK	1	LS	\$259,023.00
H1X1320		ABUT A - APPROACH SLAB/SLEEPER SLAB	52.95	CY	\$37,321.00
H1X1340		ABUT B - APPROACH SLAB/SLEEPER SLAB	52.95	CY	\$37,321.00
H1X1360		RAILING/FENCING	1	LS	\$57,685.00
H1X1380		SUBMIT LOAD RATING FOR TEMP TRAFFIC			
H1X1400		VDOT ACCEPT FOR TEMPORARY TRAFFIC (HOLD PT)			
H1X1420		SWITCH TRAFFIC	1	LS	\$19,162.00
<b>H</b>	<b>2 A</b>	<b>ROUTE 285 TINKLING SPRINGS ROAD (127+90 - 163+11.61 EAST)</b>			
H	2 A 1	ROUTE 285 TINKLING SPRINGS RD (153+50 - 163+11.61 EAST)			
H2A1000		MOT DEVICES	1	LS	\$34,840.00
H2A1020		EROSION CONTROLS	1	LS	\$1,920.00
H2A1040		STRIP TOPSOIL	1	LS	\$2,911.00
H2A1060		EXCAVATION	935.29	CY	\$19,669.00
H2A1080		STORM DRAINAGE	1	LS	\$95,841.60
H2A1100		SAW CUT EX ASPHALT	294.53	LF	\$418.00
H2A1120		GRADING	1	LS	\$41,545.00
H2A1140		PLACE AGGREGATE 21-B	1497.90	TN	\$26,138.00
H2A1160		UNDERDRAIN	253.33	LF	\$2,510.00
H2A1180		CONCRETE FLATWORK	1	LS	\$35,183.00
H2A1200		PLACE BASE ASPHALT BM-25.0A	521.25	TN	\$48,097.55
H2A1220		PLACE IM ASPHALT 19.0A	182.85	TN	\$18,895.50
H2A1240		GRADE ROW AREAS	1	LS	\$5,500.00
H2A1260		RESPREAD TOPSOIL	1	LS	\$5,500.00
H2A1280		SEEDING	12674.55	SY	\$5,830.00
H	2 A 2	ROUTE 640 GOOSE CREEK RD (15+80 - 10+00 EAST)			
H2A2000		MOT DEVICES	1	LS	\$34,840.00
H2A2020		EROSION CONTROLS	1	LS	\$11,521.00
H2A2040		STRIP TOPSOIL	1	LS	\$2,911.00
H2A2060		EXCAVATION	5611.74	CY	\$118,014.00
H2A2080		STORM DRAINAGE	1	LS	\$85,192.80
H2A2100		SAW CUT EX ASPHALT	1767.18	LF	\$2,509.00
H2A2120		GRADING	1	LS	\$29,774.00
H2A2140		PLACE AGGREGATE 21-B	1073.50	TN	\$18,732.00
H2A2160		UNDERDRAIN	1519.98	LF	\$15,063.00
H2A2180		CONCRETE FLATWORK	1	LS	\$19,546.00
H2A2200		PLACE BASE ASPHALT BM-25.0A	868.75	TN	\$80,161.95
H2A2220		PLACE IM ASPHALT 19.0A	304.75	TN	\$31,492.50
H2A2240		GRADE ROW AREAS	1	LS	\$8,500.00
H2A2260		RESPREAD TOPSOIL	1	LS	\$8,500.00
H2A2280		SEEDING	12674.55	SY	\$5,830.00
H	2 A 3	ROUTE 285 TINKLING SPRINGS RD (127+90 - 153+50 EAST)			



**Schedule of Values**  
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Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
H2A3000		MOT DEVICES	1	LS	\$34,840.00
H2A3020		EROSION CONTROLS	1	LS	\$4,800.00
H2A3040		STRIP TOPSOIL	1	LS	\$2,911.00
H2A3060		EXCAVATION	2338.225	CY	\$49,172.00
H2A3080		STORM DRAINAGE	1	LS	\$127,788.80
H2A3100		SAW CUT EX ASPHALT	589.06	LF	\$836.00
H2A3120		GRADING	1	LS	\$41,545.00
H2A3140		PLACE AGGREGATE 21-B	1497.90	TN	\$26,138.00
H2A3160		UNDERDRAIN	633.325	LF	\$6,276.00
H2A3180		CONCRETE FLATWORK	1	LS	\$39,092.00
H2A3200		PLACE BASE ASPHALT BM-25.0A	1042.5	TN	\$96,195.10
H2A3220		PLACE IM ASPHALT 19.0A	365.7	TN	\$37,791.00
H2A3240		GRADE ROW AREAS	1	LS	\$12,000.00
H2A3260		RESPREAD TOPSOIL	1	LS	\$12,000.00
H2A3280		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 A</b>	<b>4 TINKLING SPRINGS DRIVE (15+00 - 10+00 EAST)</b>			
H2A4000		MOT DEVICES	1	LS	\$34,840.00
H2A4020		EROSION CONTROLS	1	LS	\$9,600.00
H2A4040		STRIP TOPSOIL	1	LS	\$2,911.00
H2A4060		EXCAVATION	4676.45	CY	\$98,345.00
H2A4080		STORM DRAINAGE	1	LS	\$31,947.20
H2A4100		EXCAVATE/INSTALL CULVERT	1	LS	\$43,726.00
H2A4120		GRADING	1	LS	\$17,310.00
H2A4140		PLACE AGGREGATE 21-B	624.13	TN	\$10,890.00
H2A4160		UNDERDRAIN	1266.65	LF	\$12,552.00
H2A4180		CONCRETE FLATWORK	1	LS	\$7,818.00
H2A4200		PLACE BASE ASPHALT BM-25.0A	521.25	TN	\$48,097.55
H2A4220		PLACE IM ASPHALT 19.0A	182.85	TN	\$18,895.50
H2A4240		DEMO/OBSCURE EX ROADWAY	1800	SY	\$4,752.00
H2A4260		GRADE ROW AREAS	1	LS	\$5,500.00
H2A4280		RESPREAD TOPSOIL	1	LS	\$5,500.00
H2A4300		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 B</b>	<b>ROUTE 285 TINKLING SPRINGS ROAD (104+00 - 125+28 EAST)</b>			
<b>H</b>	<b>2 B</b>	<b>1 ROUTE 285 TINKLING SPRINGS RD (104+00 - 115+00 EAST)</b>			
H2B1000		MOT DEVICES	1	LS	\$34,840.00
H2B1020		EROSION CONTROLS	1	LS	\$17,281.00
H2B1040		STRIP TOPSOIL	1	LS	\$1,683.00
H2B1060		EXCAVATION	8417.61	CY	\$177,022.00
H2B1080		STORM DRAINAGE	1	LS	\$85,192.80
H2B1100		SAW CUT EX ASPHALT	294.53	LF	\$418.00
H2B1120		GRADING	1	LS	\$62,318.00
H2B1140		PLACE AGGREGATE 21-B	1497.90	TN	\$26,138.00
H2B1160		UNDERDRAIN	633.325	LF	\$6,276.00
H2B1180		CONCRETE FLATWORK	1	LS	\$31,273.00
H2B1200		PLACE BASE ASPHALT BM-25.0A	521.25	TN	\$48,097.55
H2B1220		PLACE IM ASPHALT 19.0A	182.85	TN	\$18,895.50
H2B1240		GRADE ROW AREAS	1	LS	\$11,000.00
H2B1260		RESPREAD TOPSOIL	1	LS	\$11,000.00
H2B1280		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 B</b>	<b>2 ROUTE 285 TINKLING SPRINGS RD (115+00 - 125+28 EAST)</b>			
H2B2000		MOT DEVICES	1	LS	\$34,840.00
H2B2020		EROSION CONTROLS	1	LS	\$1,152.00
H2B2040		STRIP TOPSOIL	1	LS	\$1,683.00
H2B2060		EXCAVATION	561.174	CY	\$11,801.00
H2B2080		STORM DRAINAGE	1	LS	\$106,490.40
H2B2100		SAW CUT EX ASPHALT	176.718	LF	\$250.00
H2B2120		DEMO MILL OLD LADD ROAD	17442	SY	\$46,046.00
H2B2140		MILL EX TINKLING SPRINGS AS NEEDED	173.6	SY	\$1,284.00
H2B2160		GRADING	1	LS	\$12,463.00
H2B2180		PLACE AGGREGATE 21-B	1198.32	TN	\$20,910.00
H2B2200		UNDERDRAIN	151.998	LF	\$1,506.00
H2B2220		CONCRETE FLATWORK	1	LS	\$31,273.00
H2B2240		PLACE BASE ASPHALT BM-25.0A	260.625	TN	\$24,048.30
H2B2260		PLACE IM ASPHALT 19.0A	91.425	TN	\$9,447.75



**Schedule of Values**  
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CONTRACT ID NO - C00075877DB47

Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
H2B2280		GRADE ROW AREAS	1	LS	\$8,500.00
H2B2300		RESPREAD TOPSOIL	1	LS	\$8,500.00
H2B2320		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 C</b>	<b>I-64 EXIT 91 ACCELL/DECEL RAMPS A,B,C,D</b>			
<b>H</b>	<b>2 C 1</b>	<b>RAMP A RT</b>			
H2C1000		MOT DEVICES	0.035	LS	\$34,840.00
H2C1020		EROSION CONTROLS	0.02	LS	\$3,840.00
H2C1040		STRIP TOPSOIL	0.1	LS	\$1,683.00
H2C1060		SAW CUT EX ASPHALT	29.453	LF	\$41.00
H2C1080		EXCAVATION	93.529	CY	\$1,966.00
H2C1100		GRADING	1	LS	\$12,463.00
H2C1120		PLACE AGGREGATE 21-B	449.37	TN	\$7,841.00
H2C1140		UNDERDRAIN	25.333	LF	\$251.00
H2C1160		PLACE BASE ASPHALT BM-25.0A	260.625	TN	\$24,048.30
H2C1180		PLACE IM ASPHALT 19.0A	91.425	TN	\$9,447.75
H2C1200		GRADE ROW AREAS	1	LS	\$5,500.00
H2C1220		RESPREAD TOPSOIL	1	LS	\$5,500.00
H2C1240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 C 2</b>	<b>RAMP B LT</b>			
H2C2000		MOT DEVICES	1	LS	\$34,840.00
H2C2020		EROSION CONTROLS	1	LS	\$3,840.00
H2C2040		STRIP TOPSOIL	1	LS	\$1,683.00
H2C2060		SAW CUT EX ASPHALT	29.453	LF	\$41.00
H2C2080		EXCAVATION	93.529	CY	\$1,966.00
H2C2100		GRADING	1	LS	\$12,463.00
H2C2120		PLACE AGGREGATE 21-B	449.37	TN	\$7,841.00
H2C2140		UNDERDRAIN	25.333	LF	\$251.00
H2C2160		PLACE BASE ASPHALT BM-25.0A	260.625	TN	\$24,048.30
H2C2180		PLACE IM ASPHALT 19.0A	91.425	TN	\$9,447.75
H2C2200		GRADE ROW AREAS	1	LS	\$5,500.00
H2C2220		RESPREAD TOPSOIL	1	LS	\$5,500.00
H2C2240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 C 3</b>	<b>RAMP C LT</b>			
H2C3000		MOT DEVICES	1	LS	\$34,840.00
H2C3020		EROSION CONTROLS	1	LS	\$3,840.00
H2C3040		STRIP TOPSOIL	1	LS	\$1,683.00
H2C3060		SAW CUT EX ASPHALT	29.453	LF	\$41.00
H2C3080		EXCAVATION	93.529	CY	\$1,966.00
H2C3100		GRADING	1	LS	\$12,463.00
H2C3120		PLACE AGGREGATE 21-B	449.37	TN	\$7,841.00
H2C3140		UNDERDRAIN	25.333	LF	\$251.00
H2C3160		PLACE BASE ASPHALT BM-25.0A	260.625	TN	\$24,048.30
H2C3180		PLACE IM ASPHALT 19.0A	91.425	TN	\$9,447.75
H2C3200		GRADE ROW AREAS	1	LS	\$5,500.00
H2C3220		RESPREAD TOPSOIL	1	LS	\$5,500.00
H2C3240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 C 4</b>	<b>RAMP D RT</b>			
H2C4000		MOT DEVICES	1	LS	\$34,840.00
H2C4020		EROSION CONTROLS	1	LS	\$3,648.00
H2C4040		STRIP TOPSOIL	1	LS	\$1,683.00
H2C4060		SAW CUT EX ASPHALT	29.453	LF	\$41.00
H2C4080		EXCAVATION	93.529	CY	\$1,966.00
H2C4100		GRADING	1	LS	\$12,463.00
H2C4120		PLACE AGGREGATE 21-B	449.37	TN	\$7,841.00
H2C4140		UNDERDRAIN	25.333	LF	\$251.00
H2C4160		PLACE BASE ASPHALT BM-25.0A	260.625	TN	\$24,048.30
H2C4180		PLACE IM ASPHALT 19.0A	91.425	TN	\$9,447.75
H2C4200		GRADE ROW AREAS	1	LS	\$5,500.00
H2C4220		RESPREAD TOPSOIL	1	LS	\$5,500.00
H2C4240		SEEDING	12674.55	SY	\$5,830.00
<b>H</b>	<b>2 X</b>	<b>BRIDGE B-627</b>			



**Schedule of Values**  
I-64 EXIT 91  
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Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
<b>H</b>	<b>2 X 1</b>	<b>BRIDGE B-627 EAST SIDE PHASE II</b>			
H2X1000		PREPARE DEMOLITION PLAN (TYPE B STR)	1	LS	\$19,173.00
H2X1020		DEMO RAILING/PARAPET	1	LS	\$9,586.00
H2X1040		SAW CUT/REMOVE BRIDGE DECK	1	LS	\$24,925.00
H2X1060		REMOVE GIRDERS SPAN A	1	LS	\$34,511.00
H2X1080		REMOVE GIRDERS SPAN B	1	LS	\$34,511.00
H2X1100		DEMO PIER COLUMNS	1	LS	\$19,173.00
H2X1120		DEMO ABUT A	1	LS	\$24,925.00
H2X1140		DEMO ABUT B	1	LS	\$24,925.00
H2X1160		ABUT A - STRUCTURE EXCAVATION	1401	CY	\$40,811.00
H2X1180		ABUT A - PILE	9	EA	\$22,380.00
H2X1200		ABUT A - MSE WALL	1858.2	SF	\$109,317.00
H2X1220		ABUT A - F/R/P/S PILE CAP	8.825	CY	\$5,295.00
H2X1240		ABUT A - F/R/P/S BACKWALL	26.475	CY	\$15,885.00
H2X1260		ABUT B - STRUCTURE EXCAVATION	1401	CY	\$40,811.00
H2X1280		ABUT B - PILE	9	EA	\$22,380.00
H2X1300		ABUT B - MSE WALL	1858.2	SF	\$109,317.00
H2X1320		ABUT B - F/R/P/S PILE CAP	8.825	CY	\$5,295.00
H2X1340		ABUT B - F/R/P/S BACKWALL	26.475	CY	\$15,885.00
H2X1360		FAB/DELIVER BEAMS	1	LS	\$195,427.00
H2X1380		ERECT BEAMS	1	LS	\$130,285.00
H2X1400		INSTALL DECKING	1	LS	\$20,075.00
H2X1420		INSTALL DECK REINFORCING STEEL	1	LS	\$186,562.00
H2X1440		POUR/CURE BRIDGE DECK	1	LS	\$259,023.00
H2X1460		ABUT A - APPROACH SLAB/SLEEPER PAD	52.95	CY	\$37,321.00
H2X1480		ABUT B - APPROACH SLAB/SLEEPER PAD	52.95	CY	\$37,321.00
H2X1500		RAILING/FENCING	1	LS	\$57,685.00
H2X1520		SUBMIT LOAD RATING/AS-BUILTS FOR FINAL CONFIGURATION			
H2X1540		VDOT PERFORM FINAL STRUCTURE INSPECTION			
H2X1560		VDOT APPROVE AS-BUILTS/LOAD RATING (HOLD PT)			
H2X1580		INSTALL PERMANENT PAVEMENT MARKINGS	1	LS	\$12,592.00
H2X1600		VDOT ACCEPT BRIDGE			
<b>H</b>	<b>3 A</b>	<b>ROUTE 285 TINKLING SPRINGS ROAD (127+90 - 163+11.61)</b>			
<b>H</b>	<b>3 A 1</b>	<b>ROUTE 285 TINKLING SPRINGS RD (153+50 - 163+11.61)</b>			
H3A1000		FINAL GRADING/DRESS-UP	1	LS	\$11,600.00
H3A1020		FINAL SEEDING	10144.81	SY	\$4,159.00
H3A1040		MILL EX PAVEMENT	564.2	SY	\$4,175.00
H3A1060		PLACE SM-9.5A	2454	TN	\$277,750.55
H3A1080		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$129,191.00
H3A1100		SECTION COMPLETE			
<b>H</b>	<b>3 A 2</b>	<b>ROUTE 285 TINKLING SPRINGS RD (127+90 - 153+50)</b>			
H3A2000		FINAL GRADING/DRESS-UP	1	LS	\$11,600.00
H3A2020		FINAL SEEDING	10144.81	SY	\$4,159.00
H3A2040		INSTALL GUARDRAIL	1	LS	\$68,780.00
H3A2060		MILL EX PAVEMENT	651	SY	\$4,817.00
H3A2080		PLACE SM-9.5A	2454	TN	\$277,750.55
H3A2100		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$129,191.00
H3A2120		SECTION COMPLETE			
<b>H</b>	<b>3 B</b>	<b>ROUTE 285 TINKLING SPRINGS ROAD (104+00 - 125+28)</b>			
<b>H</b>	<b>3 B 1</b>	<b>ROUTE 285 TINKLING SPRINGS RD (104+00 - 115+00)</b>			
H3B1000		FINAL GRADING/DRESS-UP	1	LS	\$11,600.00
H3B1020		FINAL SEEDING	10144.81	SY	\$4,159.00
H3B1040		MILL EX PAVEMENT	564.2	SY	\$4,175.00
H3B1060		PLACE SM-9.5A	1636	TN	\$185,167.35
H3B1080		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$129,191.00
H3B1100		SECTION COMPLETE			
<b>H</b>	<b>3 B 2</b>	<b>ROUTE 285 TINKLING SPRINGS RD (115+00 - 125+28)</b>			
H3B2000		FINAL GRADING/DRESS-UP	1	LS	\$11,600.00
H3B2020		FINAL SEEDING	10144.81	SY	\$4,159.00



**Schedule of Values**  
I-64 EXIT 91  
CONTRACT ID NO - C00075877DB47

Activity ID		Activity Name/Description	Quantity	Unit	Scheduled Value
H3B2040		INSTALL GUARDRAIL	1	LS	\$68,780.00
H3B2060		MILL EX PAVEMENT	651	SY	\$4,817.00
H3B2080		PLACE SM-9.5A	1636	TN	\$185,167.35
H3B2100		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$129,191.00
H3B2120		SECTION COMPLETE			
<b>H</b>	<b>3 C</b>	<b>ROUTE 285 TINKLING SPRINGS ROAD (127+90 - 163+11.61)</b>			
H	3 C 1	RAMP A			
H3C1000		FINAL GRADING/DRESS-UP	1	LS	\$7,840.00
H3C1020		FINAL SEEDING	9364.44	SY	\$3,839.00
H3C1040		MILL EX PAVEMENT	434	SY	\$3,211.00
H3C1060		PLACE SM-9.5A	0	TN	\$0.00
H3C1080		PLACE SM-12.5A (AS-NEEDED)	1	LS	\$170,552.00
H3C1100		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$86,000.00
H3C1120		INSTALL GUARDRAIL	1	LS	\$137,561.00
H3C1140		SECTION COMPLETE			
H	3 C 2	RAMP B			
H3C2000		FINAL GRADING/DRESS-UP	1	LS	\$7,840.00
H3C2020		FINAL SEEDING	9364.44	SY	\$3,839.00
H3C2040		MILL EX PAVEMENT	434	SY	\$3,211.00
H3C2060		PLACE SM-9.5A	0	TN	\$0.00
H3C2080		PLACE SM-12.5A (AS-NEEDED)	1	LS	\$170,552.00
H3C2100		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$86,000.00
H3C2120		INSTALL GUARDRAIL	1	LS	\$137,561.00
H3C2140		SECTION COMPLETE			
H	3 C 3	RAMP C			
H3C3000		FINAL GRADING/DRESS-UP	1	LS	\$7,840.00
H3C3020		FINAL SEEDING	9364.44	SY	\$3,839.00
H3C3040		MILL EX PAVEMENT	434	SY	\$3,211.00
H3C3060		PLACE SM-9.5A	0	TN	\$0.00
H3C3080		PLACE SM-12.5A (AS-NEEDED)	1	LS	\$170,552.00
H3C3100		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$86,000.00
H3C3120		INSTALL GUARDRAIL	1	LS	\$137,561.00
H3C3140		SECTION COMPLETE			
H	3 C 4	RAMP D			
H3C4000		FINAL GRADING/DRESS-UP	1	LS	\$7,840.00
H3C4020		FINAL SEEDING	9364.44	SY	\$3,839.00
H3C4040		MILL EX PAVEMENT	434	SY	\$3,211.00
H3C4060		PLACE SM-9.5A	0	TN	\$0.00
H3C4080		PLACE SM-12.5A (AS-NEEDED)	1	LS	\$170,552.00
H3C4100		INSTALL PERMANENT STRIPING/SIGNAGE	1	LS	\$86,000.00
H3C4120		INSTALL GUARDRAIL	1	LS	\$137,561.00
H3C4140		SECTION COMPLETE			
<b>TOTAL:</b>					<b>\$21,073,000.00</b>



**ASPHALT & FUEL PRICE ADJUSTMENT - BID ITEMS & QUANTITY**

I-64 EXIT 91 INTERCHANGE IMPROVEMENTS

PROJECT NO.: 0064-007-111, P101, R201, C501, B627

CONTRACT ID NO.: C00075877DB47

ITEM CODE	ITEM DESCRIPTION	ADJUSTMENT		QUANTITY	UNIT
		ASPHALT	FUEL		
00120	REGULAR EXCAVATION		YES	91,173	CY
00128	EXTRA EXCAVATION		YES	TBD	CY
00140	BORROW EXCAVATION		YES	52,412	CY
	SELECT MATERIAL - SUBBASE		YES	33,458	TN
10128	AGGR. BASE MATL. TY. I NO. 21B		YES	38,610	TN
10607	ASPHALT CONCRETE TY. SM-12.5A	YES	YES	2,266	TN
10610	ASPHALT CONCRETE TY. IM-19.0A	YES	YES	6,095	TN
10635	ASPHALT CONCRETE TY. SM-9.5A	YES	YES	8,180	TN
10642	ASPHALT CONCRETE BASE COURSE TY. BM-25.0A	YES	YES	17,375	TN
10642	STONE MATRIX ASPHALT SMA-12.5 (70-22)	YES	YES	3,220	TN
16386	FLEXIBLE PAVEMENT PLANING		YES	4,340	SY
24430	DEMOLITION OF PAVEMENT (FLEXIBLE)		YES	19,242	SY
27545	STORM WATER MANAGEMENT BASIN EXCAVATION		YES	2,356	CY
60404	CONCRETE CLASS A4		YES	1,230	CY
64011	STRUCTURE EXCAVATION		YES	4,670	CY
65013	CONCRETE CLASS A3		YES	520	CY





### Monthly Payment Schedule

I-64 EXIT 91 INTERCHANGE IMPROVEMENT PROJECT

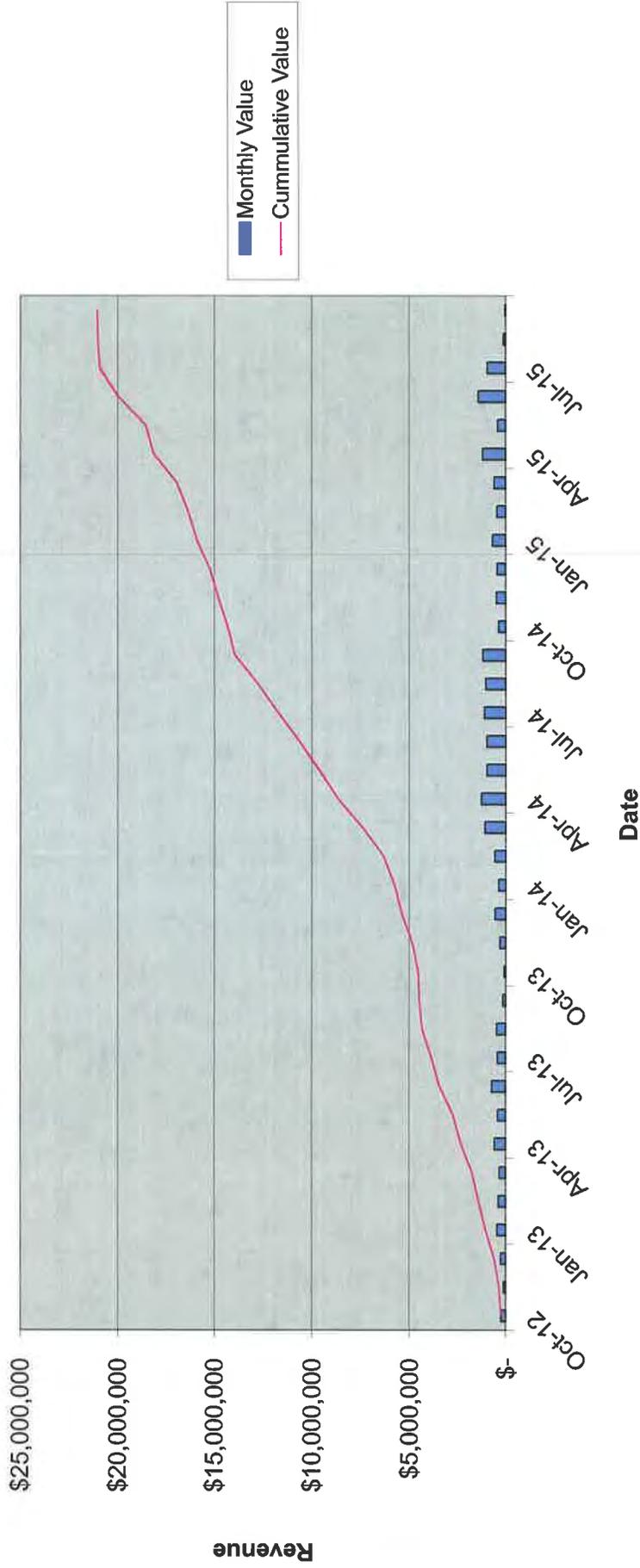
Contract ID No. C00075877DB47

Project No.: 0064-007-111, P101, R201, C501, B627

Period Ending (Month)	Projected Monthly Total:	Projected Cumulative Total:
October 2012	\$ 233,000	\$ 233,000
November 2012	\$ 108,897	\$ 341,897
December 2012	\$ 249,548	\$ 591,445
January 2013	\$ 452,335	\$ 1,043,780
February 2013	\$ 378,439	\$ 1,422,219
March 2013	\$ 330,416	\$ 1,752,635
April 2013	\$ 583,980	\$ 2,336,615
May 2013	\$ 410,565	\$ 2,747,180
June 2013	\$ 716,023	\$ 3,463,203
July 2013	\$ 419,342	\$ 3,882,545
August 2013	\$ 462,866	\$ 4,345,411
September 2013	\$ 145,279	\$ 4,490,690
October 2013	\$ 63,792	\$ 4,554,482
November 2013	\$ 288,794	\$ 4,843,276
December 2013	\$ 544,747	\$ 5,388,023
January 2014	\$ 363,669	\$ 5,751,692
February 2014	\$ 564,395	\$ 6,316,087
March 2014	\$ 1,079,714	\$ 7,395,801
April 2014	\$ 1,263,548	\$ 8,659,349
May 2014	\$ 975,146	\$ 9,634,495
June 2014	\$ 982,050	\$ 10,616,545
July 2014	\$ 1,108,633	\$ 11,725,178
August 2014	\$ 1,030,473	\$ 12,755,651
September 2014	\$ 1,193,362	\$ 13,949,013
October 2014	\$ 367,626	\$ 14,316,639
November 2014	\$ 482,103	\$ 14,798,742
December 2014	\$ 438,981	\$ 15,237,723
January 2015	\$ 678,296	\$ 15,916,019
February 2015	\$ 450,686	\$ 16,366,705
March 2015	\$ 591,672	\$ 16,958,377
April 2015	\$ 1,192,686	\$ 18,151,063
May 2015	\$ 413,267	\$ 18,564,330
June 2015	\$ 1,420,898	\$ 19,985,228
July 2015	\$ 954,242	\$ 20,939,470
August 2015	\$ 105,080	\$ 21,044,550
September 2015	\$ 28,450	\$ 21,073,000

**Total: \$ 21,073,000**

### Projected Revenue Curve





**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.

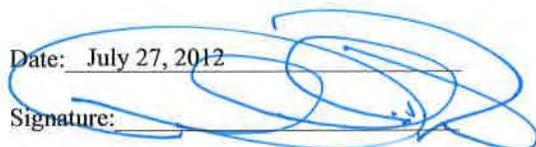
In order to be eligible for asphalt price adjustment under this provision, the Design-Builder shall clearly identify in its Price Proposal those pay items and the associated quantities it chooses to have asphalt price adjustment applied to in its work packages. Items the Design-Builder claims in its 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.

I elect to use this provision

I elect not to use this provision

Date: July 27, 2012

Signature: 

Design-builder: Shirley Contracting Company, LLC

Vendor No.: S018

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: 0064-007-111, P101, R-201, C501, B-627

DISTRICT: Staunton

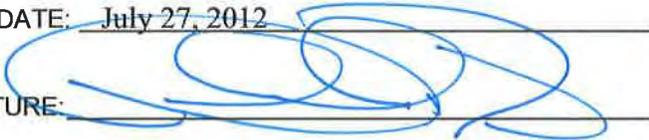
Bid Prices in this contract for items containing PG 64-22 asphalt cement were developed using an f.o.b. price of \$ 616.4 per IMPERIAL ton for PG 64-22. This quote will be averaged into the monthly price index.

Bid Prices in this contract for items containing PG 76-22 asphalt cement were developed using an f.o.b. price of \$ 636.4 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.

I elect to use this provision  
 I elect not to use this provision

DATE: July 27, 2012

SIGNATURE: 

Shirley Contracting Company, LLC  
(Firm or Corporation)

S018  
(Vendor No.)

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**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

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

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

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

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

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

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

I elect to use this provision  
 I elect not to use this provision

Date: July 27, 2012

Signature: 

Design-builder: Shirley Contracting Company, LLC

Vendor No.: S018

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

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

June 30, 2011

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

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

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

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

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

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

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

The Price Index the Department is using is based on The U.S. Department of Labor, Bureau of Labor Statistics, Producers Price Index (PPI) which measures the average price change over time of the specific

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

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

**Price increase/decrease will be computed as follows:**

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

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

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

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

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

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



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

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Project bid on April 28, 2004.

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

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

\*free on board

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

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

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Project bid on April 28, 2004.

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

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

\*free on board

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

**MASTER LISTING**

**STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT**

March 18, 2009

**BLS Series I. D.**

ITEM NUMBER	ITEM DESCRIPTION	UNITS	Number WPU used in \$ adjust.
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00542	EPOXY COATED REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
11181	PATCH.HYDR.CEM.CONC. PAVE.	SY	101704
13290	GUARDRAIL GR-8 (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13292	GUARDRAIL GR-8A (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13294	GUARDRAIL GR-8B (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13310	GUARDRAIL TERMINAL GR-6 (NCHRP 350)	LF	avg. 1017 & 101
13320	GUARDRAIL GR-2	LF	avg. 1017 & 101
13323	GUARDRAIL GR-2A	LF	avg. 1017 & 101
13331	RAD. GUARDRAIL GR-2	LF	avg. 1017 & 101
13333	RAD. GUARDRAIL GR-2A	LF	avg. 1017 & 101
13335	GUARDRAIL GR-3	LF	avg. 1017 & 101
13341	GUARDRAIL TER. GR-6(WEATHERING STEEL	LF	avg. 1017 & 101
13351	GUARDRAIL GR-8	LF	avg. 1017 & 101
13352	GUARDRAIL GR-8A	LF	avg. 1017 & 101
13353	GUARDRAIL GR-8B	LF	avg. 1017 & 101
13355	GUARDRAIL GR-10	LF	avg. 1017 & 101
13421	MEDIAN BARRIER MB-3	LF	avg. 1017 & 101
13450	MEDIAN BARRIER MB-5	LF	avg. 1017 & 101
13451	MEDIAN BARRIER MB-5A	LF	avg. 1017 & 101
13452	MEDIAN BARRIER MB-5B	LF	avg. 1017 & 101
13545	REINF. STEEL	LB	101704
14502	REINFORCING STEEL	LB	101704
15290	PATCH.CEM.CONC.PAVE.TY.CRCP-A	SY	101704
15302	PATCH.CEM.CONC.PAVE. TY. II	SY	101704
15305	PATCH.CEM.CONC.PAVE.TY. IV-A	SY	101704
17323	GUARDRAIL BEAM *	LF	avg. 1017 & 101
17325	RADIAL GUARDRAIL BEAM *	LF	avg. 1017 & 101
17327	RUB RAIL	LF	avg. 1017 & 101
17353	CABLE GR-3	LF	avg. 1017 & 101
17521	GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17523	RADIAL GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17525	RUB RAIL (WEATHERING STEEL)	LF	avg. 1017 & 101
22501	FENCE FE-W1	LF	avg. 1017 & 101
22643	FENCE FE-CL	LF	avg. 1017 & 101
22645	FENCE FE-CL VINYL COATED	LF	avg. 1017 & 101
23043	WATER GATE FE-4 TY.III	LF	avg. 1017 & 101
23501	FENCE FE-W1 (FABRIC ONLY)	LF	avg. 1017 & 101
45522	4" STEEL ENCASE. PIPE	LF	101706
45532	6" STEEL ENCASE. PIPE	LF	101706
45562	16" STEEL ENCASE. PIPE	LF	101706
45572	18" STEEL ENCASE. PIPE	LF	101706

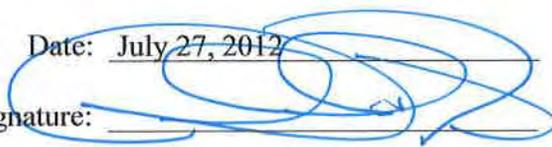
45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASEMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
50402	SIGN POST STEEL 3"	LF	101706
50404	SIGN POST STEEL 4"	LF	101706
50406	SIGN POST STEEL 6"	LF	101706
50410	SIGN POST STEEL 10"	LF	101706
50412	SIGN POST STEEL 12"	LF	101706
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

I elect not to use this provision

Date: July 27, 2012

Signature: 

Design-Builder: Shirley Contracting Company, LLC

Vendor No.: S018



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY**

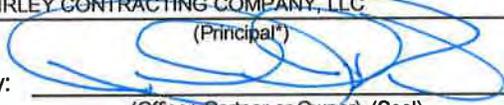
KNOW ALL MEN BY THESE PRESENTS, THAT WE SHIRLEY CONTRACTING COMPANY, LLC As principal, and TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA Surety, are held and firmly bound unto the Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE BID, lawful money of the 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 27TH Day of JULY, 20 12

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

PROJECT NUMBER: I-64 Exit 91 Interchange Improvements  
Augusta County, Virginia  
Project No. 0064-007-111, P101, R201, C501, B627  
Contract ID # C00075877DB47

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.

SHIRLEY CONTRACTING COMPANY, LLC  
(Principal\*)  
By:   
(Officer, Partner or Owner) (Seal)  
Michael E. Post President/CEO  
(Principal\*)

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

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA  
(Surety Company)  
By:   
(Attorney-in-Fact\*\*) (Seal)  
KAREN C. BOWLING, ATTORNEY-IN-FACT  
ONE TOWER SQUARE, HARTFORD, CT 06183  
(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



Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 219657

Certificate No. 004891745

KNOW ALL MEN BY THESE PRESENTS: That St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Diana L. Parker, and Karen C. Bowling

of the City of Columbia, State of Maryland, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory 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, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 4th day of June, 2012.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
George W. Thompson, Senior Vice President

On this the 4th day of June, 2012, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

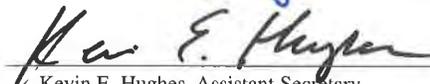
**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company 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 in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 27th day of July, 2012

  
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at [www.travelersbond.com](http://www.travelersbond.com). Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0064-007-111, P101, R-201, C501, B-627

FHWA:

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

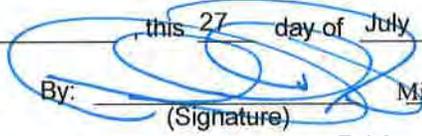
**STATEMENT.** In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion,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

**AFFIDAVIT**

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

Signed at Fairfax County, VA, this 27 day of July, 20 12  
County (City), STATE

Shirley Contracting Company, LLC  
(Name of Firm)

By:   
(Signature)

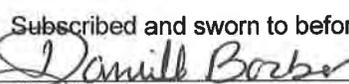
Michael E. Post, President/CEO/Manager  
Title (print)

STATE of Virginia

COUNTY (CITY) of Fairfax

To-wit: 1 Danielle Barber, a Notary Public in and for the State and  
County(City) aforesaid, hereby certify that this day Michael E. Post

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 27th day of July, 20 12  
  
Notary Public My Commission expires 4/30/12

**OR  
UNSWORN DECLARATION**

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

Signed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
County (City), STATE

(Name of Firm)

By: \_\_\_\_\_  
(Signature)

Title (print)



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT**

PROJECT: 0064-007-111, P101, R-201, C501, B-627

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	620 Moorefield Park Dr., Richmond, VA 23236
HCCA	10756B Ambassador Dr., Manassas, VA 20110
Maryland Hwy. Contractors Assn.	2408 Peppermill Dr., Glen Burnie, MD 20161

- 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.: C00075877DB47

Form C-105  
page 2

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

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

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

Signed at Fairfax County, Virginia, this 27 day of July, 20 12  
County (City), STATE

Shirley Contracting Company, LLC By: [Signature] Michael E. Post, President/CEO/Manager  
(Name of Firm) (Signature) Title (print)

STATE of Virginia COUNTY (CITY) of Fairfax

To-wit: I, Danielle Barber, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Michael E. Post

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 27<sup>th</sup> day of July, 20 12

Danielle Barber My Commission expires 4/30/14  
Notary Public





COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
MINIMUM DBE REQUIREMENTS

PROJECT NO. 0064-007-111, P101, R201, C501, B-627  
FHWA NO. NH-064-2(152)

\*\*\* 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 12 %  
PERCENT ATTAINED BY BIDDER 12.19 %

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
See Attached Form			

TOTAL \$ 2,568,067

TOTAL CONTRACT VALUE \$ 21,073,000 x REQUIRED DBE 12 % = \$ 2,528,760

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.

Shirley Contracting Company, LLC  
BIDDER

BY  SIGNATURE

TITLE

BY DATE

**I-64 EXIT 91 INTERCHANGE IMPROVEMENT PROJECT**  
**SHIRLEY CONTRACTING COMPANY, LLC**



Contract ID Number: C00075877DB47  
 State Project No. 0064-007-111, P101, R201, C501, B-627

**DBE Breakdown of Form C-111**

SUBCONTRACTOR	ADDRESS	TYPE OF WORK	DBE No.	VEND No.	PERCENT of WORK by DBE	PERCENT of DBE VALUE	CONTRACT AMOUNT
Toro Concrete, Inc.	7161 Woodward Lane, Rixeyville, VA 22737	Concrete Flatwork	#661689	#T940	100.00%	1.59%	\$ 335,506.00
Aacme General Contractors, Inc.	20094 Rowdy Road, Brandy Station, VA 22714	Seed & Mulch	#653231	#A683	100.00%	0.57%	\$ 120,812.00
Interlock Steelworkers, Inc.	2703 Back Acre Circle, Mount Airy, MD 21771	Furnish & Install Bridge Girders	#626263	#1039	100.00%	2.05%	\$ 432,203.00
Interlock Steelworkers, Inc.	2704 Back Acre Circle, Mount Airy, MD 21771	Furnish & Install Reinforcing Steel	#626263	#1039	100.00%	1.62%	\$ 340,878.00
American Pride Welding, Inc.	3484 New Salem Road, Climax, NC 27233	S.I.P. Form Installation	#671779	#A1050	100.00%	0.24%	\$ 50,535.00
Aggregate Relocation Specialists, LLC	364 Singleton Circle, Warrenton, VA 20186	Aggregate Trucking	#675350	Trucker	100.00%	0.41%	\$ 87,276.00
Nickelston Industries, Inc.	P.O. Box 133, Lawsonsville, NC 27022	Guardrail Installation	#648455	#N234	100.00%	2.45%	\$ 516,725.00
J Lewis & Sons, Inc.	5230 Boynton Plank Road, Brodmax, VA 23920	Onsite Trucking/Hauling	#626543	Trucker	100.00%	0.59%	\$ 124,800.00
Quinn Consulting Services, Inc.	4094 Majestic Lane #281, Fairfax, VA 22033	Engineering Services	#626289	Professional Services	100.00%	1.38%	\$ 290,000.00
Diversified Property Services of VA	20 E. Timonium Road, Suite 111, Timonium, MD 21093	R.O.W. Acquisition Services	#626679	Professional Services	100.00%	1.28%	\$ 269,332.00

**CONTRACT TOTAL VALUE: \$21,073,000.00**

**TOTAL: \$ 2,568,067.00**  
**Value of DBE Attained 12.19%**

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

Project No.: 0064-007-111, P101, R-201, C501, B-627

Federal Project No.: NH-064-2(152)

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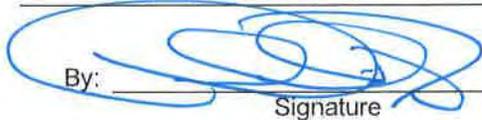
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Contractors further jointly and severally represent that said binding agreement is for the performance of a "commercially useful function" as that term is employed in 49 C.F.R. Part 26.55 (c), (d).

**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 Shirley Contracting Company, LLC

By:   
Signature

Pres/CO/MANAGER  
Title

Date: 7-27-2012

First Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_  
Signature

\_\_\_\_\_ Title  
Date: \_\_\_\_\_

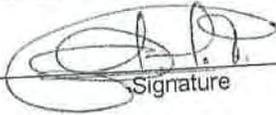
Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

DBE Contractor

Toro Concrete, Inc.  
By:  Signature \_\_\_\_\_ Title Vice President  
Date: 7/23/2012.

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
**CERTIFICATION OF BINDING AGREEMENT**  
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor Shirley Contracting Company, LLC

By:  \_\_\_\_\_  
Signature

Pres/CEO/Manager  
Title

Date: 7-27-2012

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

Aacme General Contractors Inc 053231

By: Heather Smoot Treasurer  
Signature Title  
Date: 7/23/2012

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
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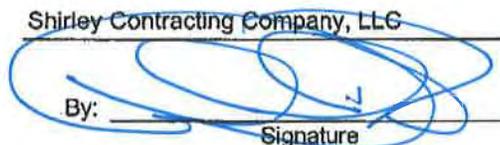
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Prime Contractor Shirley Contracting Company, LLC

By:   
Signature

Pres/CEO/MANAGER  
Title

Date: 7-27-2012

First Tier  
Subcontractor If  
Applicable

By: \_\_\_\_\_  
Signature

\_\_\_\_\_ Title

Date: \_\_\_\_\_

Second Tier  
Subcontractor if  
Applicable

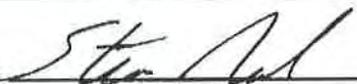
By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

Interlock Steelworkers, Inc.

By:  \_\_\_\_\_  
Signature Vice President Title  
Date: 7-24-12 \_\_\_\_\_

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DEPARTMENT OF TRANSPORTATION  
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Prime Contractor Shirley Contracting Company, LLC

By:   
Signature

Pres/COO/MANAGER.  
Title

Date: 7-27-2012

First Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_  
Signature

\_\_\_\_\_ Title

Date: \_\_\_\_\_

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

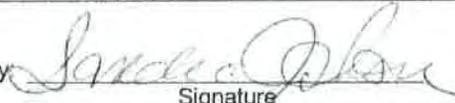
Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

American Pride Welding Inc. \_\_\_\_\_

By:   
Signature President Title  
Date: 7/24/2012 \_\_\_\_\_

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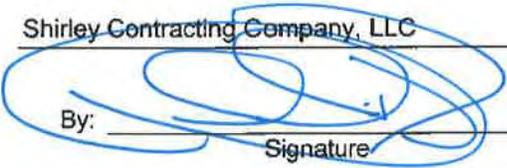
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor Shirley Contracting Company, LLC  
By:  Signature  
Title President/CEO/Manager  
Date: 7-27-2012

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 Aggregate Relocation Specialists, LLC

\_\_\_\_\_

By:  \_\_\_\_\_  
Signature Title

Date: 07/26/12

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
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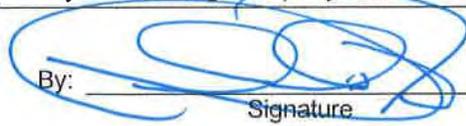
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Prime Contractor Shirley Contracting Company, LLC  
By:  Signature  
Title Pres / CEO / MANAGER  
Date: 7-27-2012

First Tier  
Subcontractor if  
Applicable  
By: \_\_\_\_\_ Signature  
Date: \_\_\_\_\_ Title

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor If  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

Nickelston Industries Inc.  
By: Shere H. M... .. President  
Signature Title  
Date: 7-13-12

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
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Prime Contractor

Shirley Contracting Company, LLC

By: 

Signature



Title

Date: 7-27-2012

First Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_

Signature

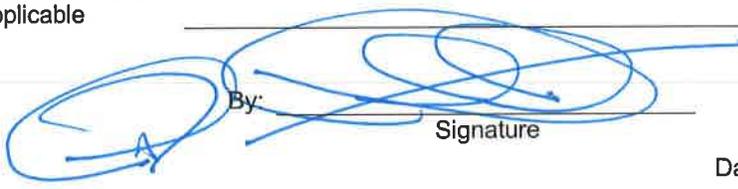
Title

Date: \_\_\_\_\_

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By:  Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

DBE Contractor

J Lewis & Sons, Inc.  
By: Joseph M. Lewis Signature \_\_\_\_\_ Title president  
Date: 7-13-2012

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
CERTIFICATION OF BINDING AGREEMENT  
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor

Shirley Contracting Company, LLC

By:

Signature

Pres/CEO/MANAGER

Title

Date: 7-27-2012

First Tier  
Subcontractor if  
Applicable

Dewberry & Davis LLC

By:

Signature

Executive Vice President

Title

Date:

7-26-2012

Second Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor Quinn Consulting Services, Inc.

By: Elizabeth Guinn President  
Signature Title  
Date: July 26, 2012

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

Project No.: 0064-007-111, P101, R-201, C501, B-627

Federal Project No.: NH-064-2(152)

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 Shirley Contracting Company, LLC

By:   
Signature

President/Manager  
Title

Date: 7-27-2012

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

Diversified Property Services, Inc.

By: *Patricia E. Daback* President  
Signature Title  
Date: 7/25/2012



**ATTACHMENT 11.8.6(a)**  
**CERTIFICATION REGARDING DEBARMENT**  
**PRIMARY COVERED TRANSACTIONS**

**Project No.: 0064-007-111, P101, R201, C501, B627**

1) The prospective primary participant 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.

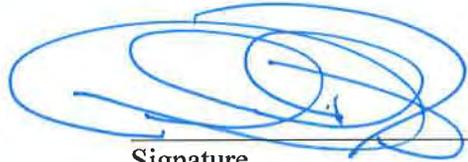
b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations 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 in paragraph 1) b) of this certification; and

d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.



Signature

7/27/12

Date

President/CEO/Manager

Title

Shirley Contracting Company, LLC

Name of Firm

**ATTACHMENT 11.8.6(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: 0064-007-111, P101, R201, C501, B627**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
  
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	<u>6/25/12</u> June 25, 2012	<u>Executive Vice President</u> Title
Signature	Date	

Dewberry & Davis LLC  
Name of Firm

**ATTACHMENT 11.8.6(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: 0064-007-111, P101, R201, C501, B627**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	<u>June 1, 2012</u>	<u>President</u>
Signature	Date	Title

Quinn Consulting Services, Inc.  
Name of Firm

**ATTACHMENT 11.8.6(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: 0064-007-111, P101, R201, C501, B627**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
  
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

 Signature	<u>6/06/2012</u> Date	<u>DC/VA OPERATIONS MANAGER</u> Title
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**AMEC Environment & Infrastructure, Inc.**

Name of Firm

**ATTACHMENT 11.8.6(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: 0064-007-111, P101, R201, C501, B627**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.



6/1/2012

President

Signature

Date

Title

Diversified Property Services, Inc.

Name of Firm

**ATTACHMENT 11.8.6(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: 0064-007-111, P101, R201, C501, B627**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
  
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

	6/1/2012	Principal
Signature	Date	Title
<hr/>		
ECS Mid-Atlantic, LLC		
Name of Firm		

ATTACHMENT 11.8.6(b)  
CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R201, C501, B627

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.

      6-1-12      Settlement Officer  
Signature                      Date                      Title

Old Dominion Settlements, Inc T/A Key Title  
Name of Firm

**ATTACHMENT 11.8.6(b)**  
**CERTIFICATION REGARDING DEBARMENT**  
**LOWER TIER COVERED TRANSACTIONS**

**Project No.: 0064-007-111, P101, R201, C501, B627**

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
  
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the Offeror for contracts to be let by the Commonwealth Transportation Board.



Signature

Date

6/1/12

President & C.O.O>

Title

John W. Gunnett, P.G.

Skelly and Loy, Inc.

Name of Firm