

RESPONSE TO REQUEST FOR PROPOSALS

# I-64/Route 15 (Zion Crossroads) Interchange Improvement

A DESIGN-BUILD PROJECT

From: 0.30 MI. W. Int. Rte. 15 (I-64 EB & WB)  
To: 0.35 MI E. Rte. 15 (I-64 EB & WB)

LOUISA COUNTY, VIRGINIA

*Price Proposal*



State Project No.: 0064-054-703, P101, R201 & C501  
Federal Project No.: IM-064-2(155)  
Contract ID Number: C00086453DB48

SUBMITTED TO:



SUBMITTED BY:



IN ASSOCIATION WITH:



**ATTACHMENT 4.0.1.2**

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: I-64/ Route 15 (Zion Crossroads) Interchange Improvement  
Contract ID Number: C00086453DB48**

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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 4.8.3, 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 4.8.4**
  - 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))**
  - 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 Nine Million Seven hundred forty nine  
thousand fifty five dollars (\$ 9,749,055.-)

Date: August 10, 2012

Signature: 

Design-Builder: Shirley Contracting Company, LLC

Vendor No.: S018



**SCHEDULE OF VALUES**

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT  
 PROJECT NO.: 0064-054-703, P101, R201 & C501  
 CONTRACT ID NO.: C00086453DB48

ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
<b>SCHEDULE MILESTONES</b>				
A1000	NOTICE OF INTENT TO AWARD (8/28/12)			
A1040	CTB APPROVAL/NOTICE TO AWARD (9/19/12)			
A1060	DESIGN-BUILD CONTRACT EXECUTION (10/17/12)	1	LS	\$ 100,000.00
A1080	NOTICE TO PROCEED (10/18/12)	1	LS	\$ 50,000.00
A1100	BEGIN PHASE I CONSTRUCTION			
A1120	BEGIN PHASE II CONSTRUCTION			
A1140	TRAFFIC SWITCH DDI - CONFIGURATION			
A1160	SUBSTANTIAL COMPLETION (4/15/14)			
A1180	COMPLETE VDOT PUNCHLIST			
A1200	FINAL COMPLETION (4/15/14)			
A1220	SCOPE VALIDATION PERIOD (90 DAYS)			
A1150	BEGIN PHASE III CONSTRUCTION			
<b>DESIGN</b>				
<b>PRELIMINARY DESIGN - RIGHT OF WAY/MAINTENANCE OF TRAFFIC PLANS</b>				
BA1000	NOTIFICATION OF LANDOWNERS - NOI LETTERS	1	LS	\$ 35,000.00
BA1020	BASE MAPPING/FIELD SURVEY	1	LS	\$ 95,000.00
BA1040	UTILITY DESIGNATIONS	1	LS	\$ 38,000.00
BA1060	UTILITY TEST PITS	1	LS	\$ 15,000.00
BA1080	PREPARE TTC PLANS	1	LS	\$ 92,000.00
BA1100	VDOT REVIEW/COMMENT TTC PLANS			
BA1120	APPROVE TTC PLANS			
BA1140	GEOTECHNICAL INVESTIGATION	1	LS	\$ 84,000.00
BA1160	VDOT REVIEWS GEOTECHNICAL REPORTS			
<b>ROADWAY DESIGN</b>				
BB2000	PREPARE ROADWAY PLANS (1ST SUBMISSION)	1	LS	\$ 165,000.00
BB2020	DESIGN QA/QC (1ST SUBMISSION)	1	LS	\$ 12,000.00
BB2040	SUBMIT ROADWAY PLANS (1ST SUBMISSION)			
BB2060	VDOT REVIEW/COMMENT ROADWAY PLANS (1ST SUBMISSION)			
BB2080	PREPARE ROADWAY PLANS (2ND SUBMISSION)	1	LS	\$ 120,000.00
BB2100	DESIGN QA/QC (2ND SUBMISSION)	1	LS	\$ 12,000.00
BB2120	SUBMIT ROADWAY PLANS (2ND SUBMISSION)			
BB2140	VDOT REVIEW/COMMENT ROADWAY PLANS (2ND SUBMISSION)			
BB2160	PREPARE FINAL ROADWAY PLANS	1	LS	\$ 80,000.00
BB2180	DESIGN FINAL QA/QC PLANS	1	LS	\$ 12,000.00
BB2200	SUBMIT FINAL ROADWAY PLANS			
BB2220	VDOT REVIEW/COMMENT FINAL ROADWAY PLANS			
BB2240	FINAL ROADWAY PLANS APPROVED			
<b>SWM/CULVERT DESIGN</b>				
BD4000	SUBMIT SWPPP (LD-455E)			
BD4020	VDOT APPROVE SWPPP (LD-455E) (HOLD PT)			
<b>PUBLIC INVOLVEMENT &amp; AFFAIRS MEETINGS</b>				
C1000	SUBMIT EMERGENCY CONTACT LIST			
C1020	HOLD PRECONSTRUCTION CITIZEN INFORMATION MEETING	1	LS	\$ 2,000.00
C1040	HOLD PRECONSTRUCTION STAKEHOLDERS PARTNERING MEETING	1	LS	\$ 2,000.00
C1060	HOLD INFORMAL STAKEHOLDERS MEETING(S) AS NECESSARY	1	LS	\$ 2,000.00
C1080	HOLD PUBLIC INFORMATION MEETING PRIOR TO DDI SWITCH	1	LS	\$ 2,000.00
C1100	EDUCATION & OUTREACH PROGRAM FOR DDI - 3 WEEKS PRIOR TO SWITCH	1	LS	\$ 2,000.00
C1120	EDUCATION & OUTREACH PROGRAM FOR DDI - 1 WEEK PRIOR TO SWITCH	1	LS	\$ 2,000.00
C1140	PROVIDE VDOT CULPEPER DISTRICT - OPA PROJECT UPDATES	1	LS	\$ 2,000.00
<b>GENERAL ENVIRONMENTAL PERMITTING</b>				
D1080	HAZARDOUS MATERIAL COORDINATION	1	LS	\$ 100.00
D1100	LD-445 FORMS - TO BE SUBMITTED WITH FINAL PLANS	1	LS	\$ 100.00
<b>RIGHT OF WAY ACQUISITIONS/EASEMENTS</b>				
E1000	ACQUISITION AND RELOCATION PLAN			
E1020	VDOT R/A ACQUISITION AND RELOCATION PLAN (HOLD PT)			
EA1000	VDOT ISSUE NTC-ROWA (HOLD PT)			
EA1020	PREPARE TITLE REPORTS	1	LS	\$ 16,000.00
EA1040	PREPARE APPRAISALS	1	LS	\$ 14,000.00

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT  
PROJECT NO.: 0064-054-703, P101, R201 & C501  
CONTRACT ID NO.: C00086453DB48

ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
EA1060	INDEPENDENT APPRAISAL REVIEW	1	LS	\$ 4,000.00
EA1080	VDOT APPRAISAL REVIEW/APPROVAL			
EA1100	PREPARE/APPROVE OFFERS	1	LS	\$ 3,000.00
EA1120	DELIVER OFFERS	1	LS	\$ 2,000.00
EA1140	NEGOTIATIONS			
EA1160	SETTLEMENTS/CERTIFICATES	1	LS	\$ 2,000.00
EA1180	VDOT NOTICE TO COMMENCE CONSTRUCTION (HOLD PT)			
<b>UTILITY RELOCATION</b>				
<b>DOMINION VIRGINIA POWER</b>				
FA1000	HOLD UFI MEETING WITH VIRGINIA POWER	1	LS	\$ 15,000.00
FA1020	DOMINION POWER SUBMITS PE ESTIMATE			
FA1040	REVIEW/APPROVE PE ESTIMATE			
FA1060	DOMINION POWER COMPLETES UTILITY DESIGN	1	LS	\$ 120,000.00
FA1080	APPROVE UTILITY DESIGN			
FA1100	EASEMENT INSTRUMENTS ACQUIRED - AS NECESSARY			
FA1120	DOMINION POWER ADJUST POLE(S) & UG - SPUR C-2/RAMP C	1	LS	\$ 10,000.00
<b>VERIZON/COMMUNICATION</b>				
FB1000	HOLD UFI MEETING WITH VERIZON COMMERCIAL	1	LS	\$ 15,000.00
FB1020	VERIZON COMM SUBMITS PE ESTIMATE			
FB1040	REVIEW/APPROVE PE ESTIMATE			
FB1060	VERIZON COMM COMPLETES UTILITY DESIGN	1	LS	\$ 36,000.00
FB1080	APPROVE UTILITY DESIGN			
FB1100	EASEMENT INSTRUMENTS ACQUIRED			
FB1120	VERIZON COMM -ADJUST NW & SW QUADRANT (SPUR D-1 & SPUR A-1/RAMPA)	1	LS	\$ 5,500.00
<b>PRE-CONSTRUCTION</b>				
G1000	QA/QC PREPARATORY INSPECTION MEETING(S)	1	LS	\$ 209,300.00
G1020	MOBILIZATION FOR CONSTRUCTION	1	LS	\$ 456,755.00
G1040	INITIAL SURVEY CONTROLS	1	LS	\$ 104,232.00
G1060	INITIAL MOT DEVICES	1	LS	\$ 80,600.00
G1080	SECURE/MAINTAIN EXISTING TRAFFIC CAMERA (NO-IMPACT)	1	LS	\$ -
<b>CONSTRUCTION</b>				
<b>PHASE I</b>				
<b>SOUTH OF I-64/ROUTE 15 BRIDGE</b>				
<b>RAMP A WIDENING - LEFT SIDE (13+00-25+00)</b>				
H1A1000	MOT DEVICES	1	LS	\$ 40,639.00
H1A1020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 9,303.00
H1A1040	STRIP TOPSOIL	639	CY	\$ 15,351.00
H1A1060	EXCAVATION	1630	CY	\$ 39,157.00
H1A1080	STORM DRAINAGE	1	LS	\$ 19,229.00
H1A1100	SAW CUT EX ASPHALT	934	LF	\$ 1,719.00
H1A1120	GRADING	1	LS	\$ 4,022.00
H1A1140	PLACE AGGREGATE 21-B	751	TN	\$ 16,308.00
H1A1160	UNDERDRAIN	1	LS	\$ 12,737.00
H1A1180	CONCRETE FLATWORK	1	LS	\$ 11,188.00
H1A1200	PLACE BASE ASPHALT BM-25.0A	750	TN	\$ 65,723.00
H1A1220	PLACE IM ASPHALT 19.0D	280	TN	\$ 26,695.00
H1A1240	SIGNAGE	1	LS	\$ 8,058.00
H1A1260	GUARDRAIL	1	LS	\$ 6,275.00
H1A1280	RESREAD TOPSOIL	1	LS	\$ 1,341.00
H1A1300	SEEDING	8574	SY	\$ 2,600.00
H1A1320	ROADWAY FINISHES	1	LS	\$ 2,193.00
H1A1340	SECTION COMPLETE			
<b>SPUR A-1 (10+00-11+50) &amp; ROUTE 15 NORTHBOUND - LEFT SIDE (119+00-121+40)</b>				
H1A2000	MOT DEVICES	1	LS	\$ 11,553.00
H1A2020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 2,645.00
H1A2040	STRIP TOPSOIL	304	CY	\$ 7,303.00
H1A2060	EXCAVATION	2801	CY	\$ 67,288.00
H1A2080	STORM DRAINAGE	1	LS	\$ 5,466.00
H1A2100	SAW CUT EX ASPHALT	266	LF	\$ 489.00
H1A2120	GRADING	1	LS	\$ 1,143.00
H1A2140	PLACE AGGREGATE 21-B	213	TN	\$ 4,636.00
H1A2160	UNDERDRAIN	1	LS	\$ 3,621.00
H1A2180	CONCRETE FLATWORK	1	LS	\$ 3,181.00
H1A2200	PLACE BASE ASPHALT BM-25.0A	213	TN	\$ 18,683.00
H1A2220	PLACE IM ASPHALT 19.0D	80	TN	\$ 7,589.00

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT  
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ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
H1A2240	SIGNAGE	1	LS	\$ 2,291.00
H1A2260	GUARDRAIL	1	LS	\$ 1,784.00
H1A2280	RESPREAD TOPSOIL	1	LS	\$ 382.00
H1A2300	SEEDING	2437	SY	\$ 740.00
H1A2320	ROADWAY FINISHES	1	LS	\$ 624.00
H1A2340	SECTION COMPLETE			
<b>RAMP B WIDENING - LEFT SIDE (13+00-23+00)</b>				
H1A3000	MOT DEVICES	1	LS	\$ 37,910.00
H1A3020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 8,679.00
H1A3040	STRIP TOPSOIL	723	CY	\$ 17,369.00
H1A3060	EXCAVATION	2276	CY	\$ 54,676.00
H1A3080	STORM DRAINAGE	1	LS	\$ 17,938.00
H1A3100	SAW CUT EX ASPHALT	872	LF	\$ 1,603.00
H1A3120	GRADING	1	LS	\$ 3,751.00
H1A3140	PLACE AGGREGATE 21-B	700	TN	\$ 15,213.00
H1A3160	UNDERDRAIN	1	LS	\$ 11,881.00
H1A3180	CONCRETE FLATWORK	1	LS	\$ 10,438.00
H1A3200	PLACE BASE ASPHALT BM-25.0A	700	TN	\$ 61,310.00
H1A3220	PLACE IM ASPHALT 19.0D	261	TN	\$ 24,904.00
H1A3240	SIGNAGE	1	LS	\$ 7,517.00
H1A3260	RESPREAD TOPSOIL	1	LS	\$ 1,251.00
H1A3280	SEEDING	7998	SY	\$ 2,425.00
H1A3300	ROADWAY FINISHES	1	LS	\$ 2,046.00
H1A3320	SECTION COMPLETE			
<b>SPUR B-1 (10+00-13+13) &amp; ROUTE 15 SOUTHBOUND - LEFT SIDE (219+00-221+40)</b>				
H1A4000	MOT DEVICES	1	LS	\$ 10,500.00
H1A4020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 2,404.00
H1A4040	STRIP TOPSOIL	333	CY	\$ 8,000.00
H1A4060	EXCAVATION	117	CY	\$ 2,811.00
H1A4080	STORM DRAINAGE	1	LS	\$ 4,969.00
H1A4100	SAW CUT EX ASPHALT	241	LF	\$ 444.00
H1A4120	GRADING	1	LS	\$ 1,039.00
H1A4140	PLACE AGGREGATE 21-B	194	TN	\$ 4,213.00
H1A4160	UNDERDRAIN	1	LS	\$ 3,291.00
H1A4180	CONCRETE FLATWORK	1	LS	\$ 2,891.00
H1A4200	PLACE BASE ASPHALT BM-25.0A	194	TN	\$ 16,980.00
H1A4220	PLACE IM ASPHALT 19.0D	72	TN	\$ 6,898.00
H1A4240	SIGNAGE	1	LS	\$ 2,082.00
H1A4260	GUARDRAIL	1	LS	\$ 1,622.00
H1A4280	RESPREAD TOPSOIL	1	LS	\$ 346.00
H1A4300	SEEDING	2215	SY	\$ 672.00
H1A4320	ROADWAY FINISHES	1	LS	\$ 567.00
H1A4340	SECTION COMPLETE			
<b>ROUTE 15 CROSSING POINTE MEDIAN</b>				
H1A5000	MOT DEVICES	1	LS	\$ 14,156.00
H1A5020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 3,241.00
H1A5040	STRIP TOPSOIL	117	CY	\$ 2,804.00
H1A5060	EXCAVATION	195	CY	\$ 4,685.00
H1A5080	STORM DRAINAGE	1	LS	\$ 6,699.00
H1A5100	SAW CUT EX ASPHALT	325	LF	\$ 600.00
H1A5120	GRADING	1	LS	\$ 1,401.00
H1A5140	PLACE AGGREGATE 21-B	261	TN	\$ 5,681.00
H1A5160	UNDERDRAIN	1	LS	\$ 4,437.00
H1A5180	CONCRETE FLATWORK	1	LS	\$ 3,897.00
H1A5200	PLACE BASE ASPHALT BM-25.0A	261	TN	\$ 22,893.00
H1A5220	PLACE IM ASPHALT 19.0D	98	TN	\$ 9,299.00
H1A5240	SIGNAGE	1	LS	\$ 2,807.00
H1A5260	RESPREAD TOPSOIL	1	LS	\$ 467.00
H1A5280	SEEDING	2987	SY	\$ 906.00
H1A5300	ROADWAY FINISHES	1	LS	\$ 764.00
H1A5320	SECTION COMPLETE			
<b>ROUTE 15 MEDIAN WIDENING (208+00-216+00)</b>				
H1A6000	MOT DEVICES	1	LS	\$ 62,284.00
H1A6020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 14,258.00
H1A6040	STRIP TOPSOIL	513	CY	\$ 12,335.00
H1A6060	EXCAVATION	858	CY	\$ 20,612.00

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT  
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ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
H1A6080	STORM DRAINAGE	1	LS	\$ 29,471.00
H1A6100	SAW CUT EX ASPHALT	1432	LF	\$ 2,634.00
H1A6120	GRADING	1	LS	\$ 6,163.00
H1A6140	PLACE AGGREGATE 21-B	1150	TN	\$ 24,994.00
H1A6160	UNDERDRAIN	1	LS	\$ 19,521.00
H1A6180	CONCRETE FLATWORK	1	LS	\$ 17,148.00
H1A6200	PLACE BASE ASPHALT BM-25.0A	1149	TN	\$ 100,729.00
H1A6220	PLACE IM ASPHALT 19.0D	429	TN	\$ 40,915.00
H1A6240	SIGNAGE	1	LS	\$ 12,350.00
H1A6260	RESREAD TOPSOIL	1	LS	\$ 2,055.00
H1A6280	SEEDING	13141	SY	\$ 3,985.00
H1A6300	ROADWAY FINISHES	1	LS	\$ 3,361.00
H1A6320	SECTION COMPLETE			
<b>NORTH OF I-64/ROUTE 15 BRIDGE</b>				
<b>RAMP C - RIGHT SIDE (13+00-22+75)</b>				
H1B1000	MOT DEVICES	1	LS	\$ 30,980.00
H1B1020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 7,092.00
H1B1040	STRIP TOPSOIL	691	CY	\$ 16,600.00
H1B1060	EXCAVATION	3978	CY	\$ 95,562.00
H1B1080	STORM DRAINAGE	1	LS	\$ 14,659.00
H1B1100	SAW CUT EX ASPHALT	712	LF	\$ 1,311.00
H1B1120	GRADING	1	LS	\$ 3,066.00
H1B1140	PLACE AGGREGATE 21-B	572	TN	\$ 12,433.00
H1B1160	UNDERDRAIN	1	LS	\$ 9,710.00
H1B1180	CONCRETE FLATWORK	1	LS	\$ 8,529.00
H1B1200	PLACE BASE ASPHALT BM-25.0A	572	TN	\$ 50,102.00
H1B1220	PLACE IM ASPHALT 19.0D	213	TN	\$ 20,351.00
H1B1240	SIGNAGE	1	LS	\$ 6,143.00
H1B1260	GUARDRAIL	1	LS	\$ 4,784.00
H1B1280	RESREAD TOPSOIL	1	LS	\$ 1,022.00
H1B1300	SEEDING	6536	SY	\$ 1,982.00
H1B1320	ROADWAY FINISHES	1	LS	\$ 1,672.00
H1B1340	SECTION COMPLETE			
<b>SPUR C-1 (10+00-11+46) &amp; ROUTE 15 SOUTHBOUND - LEFT SIDE (224+50-227+50)</b>				
H1B2000	MOT DEVICES	1	LS	\$ 7,362.00
H1B2020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 1,686.00
H1B2040	STRIP TOPSOIL	198	CY	\$ 4,757.00
H1B2060	EXCAVATION	1327	CY	\$ 31,879.00
H1B2080	STORM DRAINAGE	1	LS	\$ 3,483.00
H1B2100	SAW CUT EX ASPHALT	169	LF	\$ 312.00
H1B2120	GRADING	1	LS	\$ 729.00
H1B2140	PLACE AGGREGATE 21-B	136	TN	\$ 2,954.00
H1B2160	UNDERDRAIN	1	LS	\$ 2,308.00
H1B2180	CONCRETE FLATWORK	1	LS	\$ 2,027.00
H1B2200	PLACE BASE ASPHALT BM-25.0A	136	TN	\$ 11,906.00
H1B2220	PLACE IM ASPHALT 19.0D	51	TN	\$ 4,836.00
H1B2240	SIGNAGE	1	LS	\$ 1,460.00
H1B2260	GUARDRAIL	1	LS	\$ 1,137.00
H1B2280	RESREAD TOPSOIL	1	LS	\$ 243.00
H1B2300	SEEDING	1553	SY	\$ 471.00
H1B2320	ROADWAY FINISHES	1	LS	\$ 397.00
H1B2340	SECTION COMPLETE			
<b>RAMP D - RIGHT SIDE (12+00-26+00)</b>				
H1B3000	MOT DEVICES	1	LS	\$ 37,899.00
H1B3020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 8,676.00
H1B3040	STRIP TOPSOIL	584	CY	\$ 14,030.00
H1B3060	EXCAVATION	793	CY	\$ 19,051.00
H1B3080	STORM DRAINAGE	1	LS	\$ 17,933.00
H1B3100	SAW CUT EX ASPHALT	871	LF	\$ 1,603.00
H1B3120	GRADING	1	LS	\$ 3,750.00
H1B3140	PLACE AGGREGATE 21-B	700	TN	\$ 15,209.00
H1B3160	UNDERDRAIN	1	LS	\$ 11,878.00
H1B3180	CONCRETE FLATWORK	1	LS	\$ 10,435.00
H1B3200	PLACE BASE ASPHALT BM-25.0A	699	TN	\$ 61,294.00
H1B3220	PLACE IM ASPHALT 19.0D	261	TN	\$ 24,897.00
H1B3240	SIGNAGE	1	LS	\$ 7,515.00

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H1B3260	GUARDRAIL	1	LS	\$ 5,852.00
H1B3280	RESPREAD TOPSOIL	1	LS	\$ 1,250.00
H1B3300	SEEDING	7996	SY	\$ 2,425.00
H1B3320	ROADWAY FINISHES	1	LS	\$ 2,045.00
H1B3340	SECTION COMPLETE			
<b>SPUR D-1 (0+00-3+17) &amp; 15 NORTHBOUND - LEFT SIDE (124+50-127+50)</b>				
H1B4000	MOT DEVICES	1	LS	\$ 10,079.00
H1B4020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 2,308.00
H1B4040	STRIP TOPSOIL	225	CY	\$ 5,405.00
H1B4060	EXCAVATION	128	CY	\$ 3,075.00
H1B4080	STORM DRAINAGE	1	LS	\$ 4,769.00
H1B4100	SAW CUT EX ASPHALT	232	LF	\$ 427.00
H1B4120	GRADING	1	LS	\$ 998.00
H1B4140	PLACE AGGREGATE 21-B	186	TN	\$ 4,044.00
H1B4160	UNDERDRAIN	1	LS	\$ 3,158.00
H1B4180	CONCRETE FLATWORK	1	LS	\$ 2,775.00
H1B4200	PLACE BASE ASPHALT BM-25.0A	186	TN	\$ 16,299.00
H1B4220	PLACE IM ASPHALT 19.0D	69	TN	\$ 6,621.00
H1B4240	SIGNAGE	1	LS	\$ 1,999.00
H1B4260	GUARDRAIL	1	LS	\$ 1,556.00
H1B4280	RESPREAD TOPSOIL	1	LS	\$ 333.00
H1B4300	SEEDING	2126	SY	\$ 646.00
H1B4320	ROADWAY FINISHES	1	LS	\$ 545.00
H1B4340	SECTION COMPLETE			
<b>SPUR D-2 (10+00-13+32)</b>				
H1B5000	MOT DEVICES	1	LS	\$ 18,470.00
H1B5020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 4,228.00
H1B5040	STRIP TOPSOIL	482	CY	\$ 11,579.00
H1B5060	EXCAVATION	1363	CY	\$ 32,743.00
H1B5080	STORM DRAINAGE	1	LS	\$ 8,739.00
H1B5100	SAW CUT EX ASPHALT	425	LF	\$ 782.00
H1B5120	GRADING	1	LS	\$ 1,828.00
H1B5140	PLACE AGGREGATE 21-B	341	TN	\$ 7,412.00
H1B5160	UNDERDRAIN	1	LS	\$ 5,789.00
H1B5180	CONCRETE FLATWORK	1	LS	\$ 5,085.00
H1B5200	PLACE BASE ASPHALT BM-25.0A	341	TN	\$ 29,870.00
H1B5220	PLACE IM ASPHALT 19.0D	127	TN	\$ 12,133.00
H1B5240	SIGNAGE	1	LS	\$ 3,663.00
H1B5260	RESPREAD TOPSOIL	1	LS	\$ 609.00
H1B5280	SEEDING	3897	SY	\$ 1,182.00
H1B5300	ROADWAY FINISHES	1	LS	\$ 997.00
H1B5320	SECTION COMPLETE			
<b>ROUTE 15 CROSSING POINTE MEDIAN</b>				
H1B6000	MOT DEVICES	1	LS	\$ 14,156.00
H1B6020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 3,241.00
H1B6040	STRIP TOPSOIL	117	CY	\$ 2,804.00
H1B6060	EXCAVATION	195	CY	\$ 4,685.00
H1B6080	STORM DRAINAGE	1	LS	\$ 6,699.00
H1B6100	SAW CUT EX ASPHALT	325	LF	\$ 600.00
H1B6120	GRADING	1	LS	\$ 1,401.00
H1B6140	PLACE AGGREGATE 21-B	261	TN	\$ 5,681.00
H1B6160	UNDERDRAIN	1	LS	\$ 4,437.00
H1B6180	CONCRETE FLATWORK	1	LS	\$ 3,897.00
H1B6200	PLACE BASE ASPHALT BM-25.0A	261	TN	\$ 22,893.00
H1B6220	PLACE IM ASPHALT 19.0D	98	TN	\$ 9,299.00
H1B6240	SIGNAGE	1	LS	\$ 2,807.00
H1B6260	RESPREAD TOPSOIL	1	LS	\$ 467.00
H1B6280	SEEDING	2987	SY	\$ 906.00
H1B6300	ROADWAY FINISHES	1	LS	\$ 764.00
H1B6320	SECTION COMPLETE			
<b>ROUTE 15 MEDIAN (130+00-137+00)</b>				
H1B7000	MOT DEVICES	1	LS	\$ 50,959.00
H1B7020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 11,665.00
H1B7040	STRIP TOPSOIL	420	CY	\$ 10,092.00
H1B7060	EXCAVATION	702	CY	\$ 16,864.00
H1B7080	STORM DRAINAGE	1	LS	\$ 24,113.00

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT  
PROJECT NO.: 0064-054-703, P101, R201 & C501  
CONTRACT ID NO.: C00086453DB48

ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
H1B7100	SAW CUT EX ASPHALT	1172	LF	\$ 2,156.00
H1B7120	GRADING	1	LS	\$ 5,042.00
H1B7140	PLACE AGGREGATE 21-B	941	TN	\$ 20,450.00
H1B7160	UNDERDRAIN	1	LS	\$ 15,971.00
H1B7180	CONCRETE FLATWORK	1	LS	\$ 14,030.00
H1B7200	PLACE BASE ASPHALT BM-25.0A	940	TN	\$ 82,414.00
H1B7220	PLACE IM ASPHALT 19.0D	351	TN	\$ 33,475.00
H1B7240	SIGNAGE	1	LS	\$ 10,104.00
H1B7260	RESPREAD TOPSOIL	1	LS	\$ 1,681.00
H1B7280	SEEDING	10751	SY	\$ 3,260.00
H1B7300	ROADWAY FINISHES	1	LS	\$ 2,749.00
H1B7320	SECTION COMPLETE			
<b>ROUTE 15 SOUTHBOUND - LEFT SIDE (231+00-239+45)</b>				
H1B8000	MOT DEVICES	1	LS	\$ 69,790.00
H1B8020	EROSION CONTROLS/CLEARING & GRUBBING	1	LS	\$ 15,976.00
H1B8040	STRIP TOPSOIL	575	CY	\$ 13,822.00
H1B8060	EXCAVATION	961	CY	\$ 23,095.00
H1B8080	STORM DRAINAGE	1	LS	\$ 33,023.00
H1B8100	SAW CUT EX ASPHALT	1605	LF	\$ 2,951.00
H1B8120	GRADING	1	LS	\$ 6,906.00
H1B8140	PLACE AGGREGATE 21-B	1289	TN	\$ 28,006.00
H1B8160	UNDERDRAIN	1	LS	\$ 21,873.00
H1B8180	CONCRETE FLATWORK	1	LS	\$ 19,215.00
H1B8200	PLACE BASE ASPHALT BM-25.0A	1288	TN	\$ 112,869.00
H1B8220	PLACE IM ASPHALT 19.0D	481	TN	\$ 45,845.00
H1B8240	SIGNAGE/LIGHTING ELECTRICAL	1	LS	\$ 86,762.00
H1B8260	GUARDRAIL	1	LS	\$ 10,776.00
H1B8280	RESPREAD TOPSOIL	1	LS	\$ 2,302.00
H1B8300	SEEDING	14724	SY	\$ 4,464.00
H1B8320	ROADWAY FINISHES	1	LS	\$ 3,765.00
H1B8340	SECTION COMPLETE			
<b>PHASE II</b>				
<b>SOUTH OF I-64/ROUTE 15 BRIDGE</b>				
<b>RAMP A - RIGHT SIDE (14+00-25+00)</b>				
H2A1000	MOT DEVICES	1	LS	\$ 27,093.00
H2A1020	EROSION CONTROLS	1	LS	\$ 6,202.00
H2A1040	STRIP TOPSOIL	781	CY	\$ 18,762.00
H2A1060	EXCAVATION	1992	CY	\$ 47,854.00
H2A1080	STORM DRAINAGE	1	LS	\$ 12,820.00
H2A1100	SAW CUT EX ASPHALT	623	LF	\$ 1,146.00
H2A1120	GRADING	1	LS	\$ 2,682.00
H2A1140	PLACE AGGREGATE 21-B	500	TN	\$ 10,873.00
H2A1160	UNDERDRAIN	1	LS	\$ 8,491.00
H2A1180	CONCRETE FLATWORK	1	LS	\$ 7,459.00
H2A1200	PLACE BASE ASPHALT BM-25.0A	500	TN	\$ 43,816.00
H2A1220	PLACE IM ASPHALT 19.0D	187	TN	\$ 17,797.00
H2A1240	SIGNAGE	1	LS	\$ 5,372.00
H2A1260	RESPREAD TOPSOIL/SEEDING	1	LS	\$ 894.00
H2A1280	ROADWAY FINISHES	1	LS	\$ 1,462.00
H2A1300	SECTION COMPLETE			
<b>SPUR A-2 (10+00-13+00)</b>				
H2A2000	MOT DEVICES	1	LS	\$ 4,878.00
H2A2020	EROSION CONTROLS	1	LS	\$ 1,117.00
H2A2040	STRIP TOPSOIL	122	CY	\$ 2,931.00
H2A2060	EXCAVATION	203	CY	\$ 4,877.00
H2A2080	STORM DRAINAGE	1	LS	\$ 2,309.00
H2A2100	SAW CUT EX ASPHALT	112	LF	\$ 207.00
H2A2120	GRADING	1	LS	\$ 483.00
H2A2140	PLACE AGGREGATE 21-B	90	TN	\$ 1,957.00
H2A2160	UNDERDRAIN	1	LS	\$ 1,529.00
H2A2180	CONCRETE FLATWORK	1	LS	\$ 1,343.00
H2A2200	PLACE BASE ASPHALT BM-25.0A	90	TN	\$ 7,889.00
H2A2220	PLACE IM ASPHALT 19.0D	34	TN	\$ 3,205.00
H2A2240	SIGNAGE	1	LS	\$ 967.00
H2A2260	I-64 EB RAMPS SIGNAL	1	LS	\$ 99,724.00

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT  
PROJECT NO.: 0064-054-703, P101, R201 & C501  
CONTRACT ID NO.: C00086453DB48

ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
H2A2280	RESPREAD TOPSOIL	1	LS	\$ 161.00
H2A2300	SEEDING	1029	SY	\$ 312.00
H2A2320	ROADWAY FINISHES	1	LS	\$ 264.00
H2A2340	SECTION COMPLETE			
<b>ROUTE 15 SOUTHBOUND - LEFT SIDE (206+00-215+18)</b>				
H2A3000	MOT DEVICES	1	LS	\$ 75,910.00
H2A3020	EROSION CONTROLS	1	LS	\$ 17,377.00
H2A3040	STRIP TOPSOIL	626	CY	\$ 15,034.00
H2A3060	EXCAVATION	1046	CY	\$ 25,120.00
H2A3080	STORM DRAINAGE	1	LS	\$ 35,918.00
H2A3100	SAW CUT EX ASPHALT	1745	LF	\$ 3,210.00
H2A3120	GRADING	1	LS	\$ 7,512.00
H2A3140	PLACE AGGREGATE 21-B	1402	TN	\$ 30,462.00
H2A3160	UNDERDRAIN	1	LS	\$ 23,791.00
H2A3180	CONCRETE FLATWORK	1	LS	\$ 20,899.00
H2A3200	PLACE BASE ASPHALT BM-25.0A	1401	TN	\$ 122,765.00
H2A3220	PLACE IM ASPHALT 19.0D	523	TN	\$ 49,865.00
H2A3240	SIGNAGE/LIGHTING ELECTRICAL	1	LS	\$ 94,369.00
H2A3260	RESPREAD TOPSOIL	1	LS	\$ 2,504.00
H2A3280	SEEDING	16016	SY	\$ 4,856.00
H2A3300	ROADWAY FINISHES	1	LS	\$ 4,095.00
H2A3320	SECTION COMPLETE			
<b>ROUTE 15 NORTHBOUND - RIGHT SIDE (107+00-115+21)</b>				
H2A4000	MOT DEVICES	1	LS	\$ 51,558.00
H2A4020	EROSION CONTROLS	1	LS	\$ 11,803.00
H2A4040	STRIP TOPSOIL	425	CY	\$ 10,211.00
H2A4060	EXCAVATION	710	CY	\$ 17,063.00
H2A4080	STORM DRAINAGE	1	LS	\$ 24,396.00
H2A4100	SAW CUT EX ASPHALT	1185	LF	\$ 2,181.00
H2A4120	GRADING	1	LS	\$ 5,102.00
H2A4140	PLACE AGGREGATE 21-B	952	TN	\$ 20,690.00
H2A4160	UNDERDRAIN	1	LS	\$ 16,159.00
H2A4180	CONCRETE FLATWORK	1	LS	\$ 14,196.00
H2A4200	PLACE BASE ASPHALT BM-25.0A	952	TN	\$ 83,384.00
H2A4220	PLACE IM ASPHALT 19.0D	355	TN	\$ 33,869.00
H2A4240	SIGNAGE/LIGHTING ELECTRICAL	1	LS	\$ 64,096.00
H2A4260	RESPREAD TOPSOIL	1	LS	\$ 1,701.00
H2A4280	SEEDING	10878	SY	\$ 3,299.00
H2A4290	ROADWAY FINISHES	1	LS	\$ 2,782.00
H2A4300	SECTION COMPLETE			
<b>SPUR B-2 (10+00-13+13)</b>				
H2A5000	MOT DEVICES	1	LS	\$ 13,931.00
H2A5020	EROSION CONTROLS	1	LS	\$ 3,189.00
H2A5040	STRIP TOPSOIL	293	CY	\$ 7,039.00
H2A5060	EXCAVATION	346	CY	\$ 8,313.00
H2A5080	STORM DRAINAGE	1	LS	\$ 6,592.00
H2A5100	SAW CUT EX ASPHALT	320	LF	\$ 590.00
H2A5120	GRADING	1	LS	\$ 1,379.00
H2A5140	PLACE AGGREGATE 21-B	257	TN	\$ 5,591.00
H2A5160	UNDERDRAIN	1	LS	\$ 4,366.00
H2A5180	CONCRETE FLATWORK	1	LS	\$ 3,835.00
H2A5200	PLACE BASE ASPHALT BM-25.0A	257	TN	\$ 22,530.00
H2A5220	PLACE IM ASPHALT 19.0D	96	TN	\$ 9,152.00
H2A5240	SIGNAGE	1	LS	\$ 2,763.00
H2A5260	I-64 EB RAMPS SIGNAL	1	LS	\$ 99,724.00
H2A5280	RESPREAD TOPSOIL	1	LS	\$ 460.00
H2A5300	SEEDING	2939	SY	\$ 892.00
H2A5320	ROADWAY FINISHES	1	LS	\$ 752.00
H2A5340	SECTION COMPLETE			
<b>RAMP B - RIGHT SIDE (10+00-23+00)</b>				
H2A6000	MOT DEVICES	1	LS	\$ 46,335.00
H2A6020	EROSION CONTROLS	1	LS	\$ 10,607.00
H2A6040	STRIP TOPSOIL	998	CY	\$ 23,975.00
H2A6060	EXCAVATION	3141	CY	\$ 75,455.00
H2A6080	STORM DRAINAGE	1	LS	\$ 21,925.00
H2A6100	SAW CUT EX ASPHALT	1065	LF	\$ 1,959.00

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT

PROJECT NO.: 0064-054-703, P101, R201 & C501

CONTRACT ID NO.: C00086453DB48

ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
H2A6120	GRADING	1	LS	\$ 4,585.00
H2A6140	PLACE AGGREGATE 21-B	856	TN	\$ 18,594.00
H2A6160	UNDERDRAIN	1	LS	\$ 14,522.00
H2A6180	CONCRETE FLATWORK	1	LS	\$ 12,757.00
H2A6200	PLACE BASE ASPHALT BM-25.0A	855	TN	\$ 74,934.00
H2A6220	PLACE IM ASPHALT 19.0D	319	TN	\$ 30,437.00
H2A6240	SIGNAGE	1	LS	\$ 9,188.00
H2A6260	RESPREAD TOPSOIL	1	LS	\$ 1,529.00
H2A6280	SEEDING	9776	SY	\$ 2,964.00
H2A6300	ROADWAY FINISHES	1	LS	\$ 2,500.00
H2A6320	SECTION COMPLETE			
<b>NORTH OF I-64/ROUTE 15 BRIDGE</b>				
<b>RAMP C - LEFT SIDE (12+00-25+00)</b>				
H2B1000	MOT DEVICES	1	LS	\$ 37,864.00
H2B1020	EROSION CONTROLS	1	LS	\$ 8,668.00
H2B1040	STRIP TOPSOIL	749	CY	\$ 17,993.00
H2B1060	EXCAVATION	4310	CY	\$ 103,538.00
H2B1080	STORM DRAINAGE	1	LS	\$ 17,916.00
H2B1100	SAW CUT EX ASPHALT	871	LF	\$ 1,601.00
H2B1120	GRADING	1	LS	\$ 3,747.00
H2B1140	PLACE AGGREGATE 21-B	699	TN	\$ 15,195.00
H2B1160	UNDERDRAIN	1	LS	\$ 11,867.00
H2B1180	CONCRETE FLATWORK	1	LS	\$ 10,425.00
H2B1200	PLACE BASE ASPHALT BM-25.0A	699	TN	\$ 61,237.00
H2B1220	PLACE IM ASPHALT 19.0D	261	TN	\$ 24,873.00
H2B1240	SIGNAGE	1	LS	\$ 7,508.00
H2B1260	GUARDRAIL	1	LS	\$ 5,847.00
H2B1280	RESPREAD TOPSOIL	1	LS	\$ 1,249.00
H2B1300	SEEDING	7989	SY	\$ 2,423.00
H2B1320	ROADWAY FINISHES	1	LS	\$ 2,043.00
H2B1340	SECTION COMPLETE			
<b>SPUR C-2 (10+00-13+22)</b>				
H2B2000	MOT DEVICES	1	LS	\$ 4,064.00
H2B2020	EROSION CONTROLS	1	LS	\$ 930.00
H2B2040	STRIP TOPSOIL	117	CY	\$ 2,811.00
H2B2060	EXCAVATION	332	CY	\$ 7,976.00
H2B2080	STORM DRAINAGE	1	LS	\$ 1,923.00
H2B2100	SAW CUT EX ASPHALT	93	LF	\$ 173.00
H2B2120	GRADING	1	LS	\$ 402.00
H2B2140	PLACE AGGREGATE 21-B	75	TN	\$ 1,631.00
H2B2160	UNDERDRAIN	1	LS	\$ 1,274.00
H2B2180	CONCRETE FLATWORK	1	LS	\$ 1,120.00
H2B2200	PLACE BASE ASPHALT BM-25.0A	75	TN	\$ 6,572.00
H2B2220	PLACE IM ASPHALT 19.0D	28	TN	\$ 2,670.00
H2B2240	SIGNAGE	1	LS	\$ 807.00
H2B2260	I-64 WB RAMPS SIGNAL	1	LS	\$ 99,724.00
H2B2280	RESPREAD TOPSOIL	1	LS	\$ 134.00
H2B2300	SEEDING	857	SY	\$ 260.00
H2B2320	ROADWAY FINISHES	1	LS	\$ 220.00
H2B2340	SECTION COMPLETE			
<b>ROUTE 15 NORTHBOUND - RIGHT SIDE (129+00-139+45)</b>				
H2B3000	MOT DEVICES	1	LS	\$ 65,626.00
H2B3020	EROSION CONTROLS	1	LS	\$ 15,023.00
H2B3040	STRIP TOPSOIL	541	CY	\$ 12,998.00
H2B3060	EXCAVATION	904	CY	\$ 21,718.00
H2B3080	STORM DRAINAGE	1	LS	\$ 31,053.00
H2B3100	SAW CUT EX ASPHALT	1509	LF	\$ 2,776.00
H2B3120	GRADING	1	LS	\$ 6,494.00
H2B3140	PLACE AGGREGATE 21-B	1212	TN	\$ 26,335.00
H2B3160	UNDERDRAIN	1	LS	\$ 20,568.00
H2B3180	CONCRETE FLATWORK	1	LS	\$ 18,069.00
H2B3200	PLACE BASE ASPHALT BM-25.0A	1211	TN	\$ 106,134.00
H2B3220	PLACE IM ASPHALT 19.0D	452	TN	\$ 43,109.00
H2B3240	SIGNAGE/LIGHTING ELECTRICAL	1	LS	\$ 81,585.00
H2B3260	15 & CAMP CREEK/SPRING CREEK SIGNAL	1	LS	\$ 99,724.00
H2B3280	RESPREAD TOPSOIL	1	LS	\$ 2,165.00

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT  
PROJECT NO.: 0064-054-703, P101, R201 & C501  
CONTRACT ID NO.: C00086453DB48

ACTIVITY ID	ACTIVITY NAME/DESCRIPTION	QUANTITY	UNIT	TOTAL COST
H2B3300	SEEDING	13846	SY	\$ 4,199.00
H2B3320	ROADWAY FINISHES	1	LS	\$ 3,540.00
H2B3340	SECTION COMPLETE			
<b>RAMP D - LEFT SIDE (12+00-27+00)</b>				
H2B4000	MOT DEVICES	1	LS	\$ 29,778.00
H2B4020	EROSION CONTROLS	1	LS	\$ 6,817.00
H2B4040	STRIP TOPSOIL	632	CY	\$ 15,183.00
H2B4060	EXCAVATION	859	CY	\$ 20,635.00
H2B4080	STORM DRAINAGE	1	LS	\$ 14,091.00
H2B4100	SAW CUT EX ASPHALT	685	LF	\$ 1,260.00
H2B4120	GRADING	1	LS	\$ 2,947.00
H2B4140	PLACE AGGREGATE 21-B	550	TN	\$ 11,950.00
H2B4160	UNDERDRAIN	1	LS	\$ 9,333.00
H2B4180	CONCRETE FLATWORK	1	LS	\$ 8,199.00
H2B4200	PLACE BASE ASPHALT BM-25.0A	550	TN	\$ 48,160.00
H2B4220	PLACE IM ASPHALT 19.0D	205	TN	\$ 19,562.00
H2B4240	SIGNAGE	1	LS	\$ 5,905.00
H2B4260	RESREAD TOPSOIL	1	LS	\$ 982.00
H2B4280	SEEDING	6283	SY	\$ 1,905.00
H2B4300	ROADWAY FINISHES	1	LS	\$ 1,607.00
H2B4320	SECTION COMPLETE			
<b>PHASE III</b>				
<b>SOUTH OF I-64/ROUTE 15 BRIDGE</b>				
<b>ROUTE 15</b>				
H3A1000	CONCRETE FLATWORK - MEDIANS & ISLANDS	1	LS	\$ 7,905.00
H3A1020	CONSTRUCT ISLANDS @ DDI	1	LS	\$ 7,905.00
H3A1040	MILL EX PAVEMENT	11732	SY	\$ 26,915.00
H3A1060	BUILD-UP OF EXISTING IM-19.0D ASPHALT	1621	TN	\$ 157,568.00
H3A1080	PLACE SM-12.5D ASPHALT	2647	TN	\$ 278,068.00
H3A1100	INSTALL PERMANENT PAVEMENT MARKINGS/SIGNAGE	1	LS	\$ 63,810.00
H3A1120	LIGHTING/ELECTRICAL FINISHES	1	LS	\$ 37,126.00
H3A1140	ROADWAY FINISHES & PUNCHLIST	1	LS	\$ 27,409.00
H3A1160	SECTION COMPLETE			
<b>RAMPS &amp; SPURS</b>				
H3A2000	CONCRETE FLATWORK - MEDIANS & ISLANDS	1	LS	\$ 2,984.00
H3A2040	MILL EX PAVEMENT	4428	SY	\$ 10,158.00
H3A2080	BUILD-UP OF EXISTING IM-19.0D ASPHALT	612	TN	\$ 59,468.00
H3A2120	PLACE SM-12.5D ASPHALT	999	TN	\$ 104,946.00
H3A2160	INSTALL PERMANENT PAVEMENT MARKINGS/SIGNAGE	1	LS	\$ 24,082.00
H3A2200	ROADWAY FINISHES & PUNCHLIST	1	LS	\$ 10,345.00
H3A2240	SECTION COMPLETE			
<b>NORTH OF I-64/ROUTE 15 BRIDGE</b>				
<b>ROUTE 15</b>				
H3B1000	CONCRETE FLATWORK - MEDIANS & ISLANDS	1	LS	\$ 9,280.00
H3B1020	CONSTRUCT ISLANDS @ DDI	1	LS	\$ 9,280.00
H3B1040	MILL EX PAVEMENT	13772	SY	\$ 31,596.00
H3B1060	BUILD-UP OF EXISTING IM-19.0D ASPHALT	1903	TN	\$ 184,972.00
H3B1080	PLACE SM-12.5D ASPHALT	3107	TN	\$ 326,427.00
H3B1100	INSTALL PERMANENT PAVEMENT MARKINGS/SIGNAGE	1	LS	\$ 74,907.00
H3B1120	LIGHTING/ELECTRICAL FINISHES	1	LS	\$ 43,583.00
H3B1140	ROADWAY FINISHES & PUNCHLIST	1	LS	\$ 32,169.00
H3B1160	SECTION COMPLETE			
<b>RAMPS &amp; SPURS</b>				
H3B2000	CONCRETE FLATWORK - MEDIANS & ISLANDS	1	LS	\$ 3,503.00
H3B2020	MILL EX PAVEMENT	5198	SY	\$ 11,925.00
H3B2040	BUILD-UP OF EXISTING IM-19.0D ASPHALT	718	TN	\$ 69,811.00
H3B2060	PLACE SM-12.5D ASPHALT	1173	TN	\$ 123,197.00
H3B2080	INSTALL PERMANENT PAVEMENT MARKINGS/SIGNAGE	1	LS	\$ 28,271.00
H3B2100	ROADWAY FINISHES & PUNCHLIST	1	LS	\$ 12,143.00
H3B2120	SECTION COMPLETE			

**TOTAL: \$ 9,749,055.00**





## Monthly Payment Schedule

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT PROJECT

Contract ID No. C00086453DB48

Project No.: 0064-054-703

Period Ending (Month)	Projected Monthly Total:	Projected Cumulative Total:
October 2012	\$ 152,749	\$ 152,749
November 2012	\$ 193,100	\$ 345,849
December 2012	\$ 94,050	\$ 439,899
January 2013	\$ 195,326	\$ 635,225
February 2013	\$ 177,929	\$ 813,154
March 2013	\$ 173,293	\$ 986,447
April 2013	\$ 63,738	\$ 1,050,185
May 2013	\$ 99,155	\$ 1,149,340
June 2013	\$ 780,018	\$ 1,929,358
July 2013	\$ 1,010,116	\$ 2,939,474
August 2013	\$ 1,034,437	\$ 3,973,911
September 2013	\$ 905,797	\$ 4,879,708
October 2013	\$ 927,232	\$ 5,806,940
November 2013	\$ 1,302,340	\$ 7,109,280
December 2013	\$ 831,255	\$ 7,940,535
January 2014	\$ 384,492	\$ 8,325,027
February 2014	\$ 307,719	\$ 8,632,746
March 2014	\$ 1,115,978	\$ 9,748,724
April 2014	\$ 331	\$ 9,749,055

**Total: \$ 9,749,055**



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

I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT

PROJECT NO.: 0064-054-703, P101, R201 & C501

CONTRACT ID NO.: C00086453DB48

ITEM CODE	ITEM DESCRIPTION	ADJUSTMENT		QUANTITY	UNIT
		ASPHALT	FUEL		
00120	REGULAR EXCAVATION		YES	50,505	CY
00128	EXTRA EXCAVATION		YES	TBD	CY
10128	AGGR. BASE MATL. TY. I NO. 21B		YES	14,290	TN
10608	ASPHALT CONCRETE TY. SM-12.5D	YES	YES	7,925	TN
10611	ASPHALT CONCRETE TY. IM-19.0D	YES	YES	10,185	TN
10642	ASPHALT CONCRETE BASE COURSE TY. BM-25.0A	YES	YES	14,280	TN
16386	FLEXIBLE PAVEMENT PLANING		YES	35,130	SY



**ASPHALT & FUEL PRICE ADJUSTMENT - BID ITEMS & QUANTITY**  
**I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT**  
 PROJECT NO.: 0064-054-703, P101, R201 & C501  
 CONTRACT ID NO.: C00086453DB48

ITEM CODE	ITEM DESCRIPTION	ADJUSTMENT		QUANTITY	UNIT
		ASPHALT	FUEL		
00120	REGULAR EXCAVATION		YES	50,505	CY
00128	EXTRA EXCAVATION		YES	TBD	CY
10128	AGGR. BASE MATL. TY. I NO. 21B		YES	14,290	TN
10608	ASPHALT CONCRETE TY. SM-12.5D	YES	YES	7,925	TN
10611	ASPHALT CONCRETE TY. IM-19.0D	YES	YES	10,185	TN
10642	ASPHALT CONCRETE BASE COURSE TY. BM-25.0A	YES	YES	14,280	TN
16386	FLEXIBLE PAVEMENT PLANING		YES	35,130	SY



**EXHIBIT 6.3 (c)  
ADJUSTMENT FOR FUEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
OPTIONAL ADJUSTMENT FOR FUEL  
DESIGN-BUILD PROJECTS**

June 30, 2011

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

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

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

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

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

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

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

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

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

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

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

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

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

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

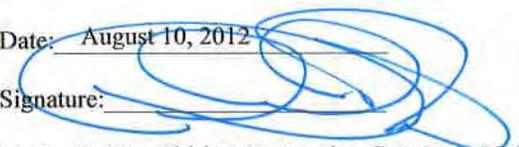
In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce,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

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

I elect to use this provision

I elect not to use this provision

Date: August 10, 2012

Signature: 

Design-builder: Shirley Contracting Company, LLC

Vendor No.: S018

**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: August 10, 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: 0064-054-703, P101, R201, & C501

DISTRICT: Culpepper

Bid Prices in this contract for items containing PG 64-22 asphalt cement were developed using an f.o.b. price of \$ 591.00 per IMPERIAL ton for PG 64-22. This quote will be averaged into the monthly price index.

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

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

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

DATE: August 10, 2012

SIGNATURE:

Shirley Contracting Company, LLC  
(Firm or Corporation)

S018

(Vendor No.)

**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)**

---

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

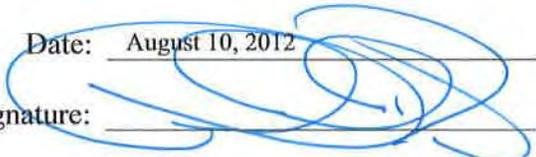
45572	18" STEEL ENCASE. PIPE	LF	101706
45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
50402	SIGN POST STEEL 3"	LF	101706
50404	SIGN POST STEEL 4"	LF	101706
50406	SIGN POST STEEL 6"	LF	101706
50410	SIGN POST STEEL 10"	LF	101706
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: August 10, 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 10TH Day of AUGUST, 20 12

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

PROJECT NUMBER: CONTRACT ID NUMBER: C00086453DB48  
I-64/ROUTE 15 (ZION CROSSROADS) INTERCHANGE IMPROVEMENT FROM 0.30 MI. W. INT. RTE. 15 (I-64 EB & WB) TO: 0.35 MI. E. RTE. 15 (I-64 EB & WB), LOUISA COUNTY, VIRGINIA

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: [Signature]  
(Officer, Partner or Owner) (Seal)

MICHAEL E. POST  
(Principal\*) Pres/COO/Mgr.

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

\_\_\_\_\_  
(Principal\*)

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

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA  
(Surety Company)

By: [Signature]  
(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. 004891805

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 10th day of August, 2012

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

*Kevin E. Hughes*  
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: 0064-054-703, P101, R201 & C501

FHWA: IM-064-2(155)

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 10 day of August, 20 12  
County (City), STATE  
Shirley Contracting Company, LLC  
(Name of Firm)  
By: [Signature] President/CEO/Manager  
(Signature) 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 10th day of August, 20 12  
[Signature] My Commission expires 4/30/14  
Notary Public

**OR  
UNSWORN DECLARATION**

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

\_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
County (City), STATE  
By: \_\_\_\_\_  
(Name of Firm) (Signature) Title (print)



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT**

PROJECT: 0064-054-703, P101, R201, & C501

FHWA: IM-064-2 (155)

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

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

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

NAME	Location of Principal Office
<u>VTCA</u>	<u>620 Moorefield Park Dr., Richmond, VA 23236</u>
<u>HCCA</u>	<u>10756B Ambassador Dr., Manassas, VA 20110</u>
<u>Maryland Hwy. Contractors Assn.</u>	<u>2408 Peppermill Dr., Glen Burnie, MD 20161</u>

2. I (we) have , have not , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have , have not , filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

**Note:** The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

ORDER NO.:  
CONTRACT ID. NO.:

Form C-105  
page 2

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

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

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

Signed at Fairfax County, Virginia this 10 day of August, 20 12  
County (City), STATE  
Shirley Contracting Company, LLC By: [Signature] President/CEO/Manager  
(Name of Firm) (Signature) 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 10th day of August, 20 12  
[Signature] My Commission expires 4/30/14  
Notary Public







**I-64/ROUTE 15 (ZION CROSSROADS)**  
**SHIRLEY CONTRACTING COMPANY, LLC**



Contract ID Number: C00086453DB48  
 State Project No. 0064-054-703, P101, R201 & C501

**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
Morgan Oil	P.O. Box 100 Marshall, VA 20116	Liquid Asphalt Supply	#000918	Supplier	100.00%	4.97%	\$ 484,800.00
Aacme General Contractors, Inc.	20094 Rowdy Road, Brandy Station, VA 22714	Seed & Mulch	#653231	#A683	100.00%	0.69%	\$ 67,116.87
Devcon Contracting, Inc.	P.O. Box 34363 Richmond, VA 23234	Asphalt Milling	#000610	#H610	100.00%	0.67%	\$ 65,707.05
Brothers Signal Company, Inc.	P.O. Box 1880 Leesburg, VA 20177	Signals	#000107	#B107	100.00%	6.59%	\$ 642,290.00
J Lewis & Sons, Inc.	5230 Boydton Plank Road, Brodnax, VA 23920	Onsite Trucking/Hauling	#626543	Trucker	100.00%	1.12%	\$ 109,000.00
EBA Engineering, Inc.	4813 Seton Drive, Baltimore, MD 21215	Engineering Services	#003667	Professional Services	100.00%	1.52%	\$ 148,200.00
Geoconcepts Engineering, Inc	19955 Highland Vista Drive, Suite 170 Ashburn VA 20147	Engineering Services	#626642	Professional Services	100.00%	0.92%	\$ 89,600.00
Pulsar Advertising, Inc.	8383 Wilshire Blvd, Suite 334 Beverly Hills, CA 90211	Advertising	#005622	Professional Services	100.00%	0.17%	\$ 16,700.00
Diversified Property Services of VA	20 E. Timonium Road, Suite 111, Timonium, MD 21093	R.O.W. Acquisition Services	#626679	Professional Services	100.00%	0.36%	\$ 34,850.00

**CONTRACT TOTAL VALUE: \$9,749,055.00**

**TOTAL: \$ 1,658,263.92**  
**Value of DBE Attained 17.01%**

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

Project No.: 0064-054-703, P101, R201 1/3 C501

Federal Project No.: IM-064-2(155)

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/CEO  
Title  
Date: 8/10/12

First Tier  
Subcontractor if  
Applicable

S.L. Williamson Co., Inc.

By:  Signature  
Vice President  
Title

Date: August 7th 2012

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor

Morgan Oil Corp  
By: \_\_\_\_\_  
Signature Title  
Date: Aug 7, 2012

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

Project No.: 0064-054-703, P101, R201 & C501

Federal Project No.: IM-064-2(155)

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

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

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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/CEO

Title

Date: 8-10-2012

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

*Aceme General Contractors Inc.*  
\_\_\_\_\_  
By: *Heather Andol*  
Signature Title  
Date: *7/31/2012*

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

Project No.: 0064-054-703, P101, R201 & C501

Federal Project No.: IM-064-2(155)

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

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

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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 Title  
Date: 8-10-2012

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

DEVCON CONTRACTING INC  
\_\_\_\_\_

By:   
Signature Title  
Date: JULY,31,2012

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

Project No.: 0064-054-703, P101, R201 & C501

Federal Project No.: IM-064-2(155)

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

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

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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/CEO  
Title \_\_\_\_\_  
Date: 8-10-2012

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

The Brothers Signal Company  
\_\_\_\_\_

By:  \_\_\_\_\_  
Signature Title  
Date: August 9, 2012

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

Project No.: 0064-054-703, P101, R201 & C501

Federal Project No.: IM-064-2(155)

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

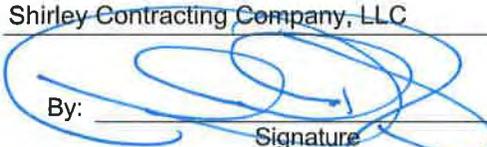
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor Shirley Contracting Company, LLC  
By:  \_\_\_\_\_  
Signature  
President/CEO  
Title  
Date: 8-10-2012

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 & Son Inc

By: Joseph N. Lewis Signature President Title  
Date: 8-3-2012

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

Project No.: 0064-054-703, P101, R201 & C501

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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Shirley Contracting Company, LLC  
By:  Signature \_\_\_\_\_ President/CEO  
Title \_\_\_\_\_  
Date: 8-10-2012

First Tier Subcontractor if Applicable Dewberry & Davis L.L.C  
By:  Signature \_\_\_\_\_ Executive Vice President  
Title \_\_\_\_\_  
Date: 8/9/12

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

DBE Contractor

EBA Engineering, Inc.

\_\_\_\_\_

By: Kunal G. Padhye Executive Vice President  
Signature Title  
Date: August 9, 2012

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

Project No.: 0064-054-703, P101, R201 & C501

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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor Shirley Contracting Company, LLC  
By:  Signature  
President/CEO  
Title  
Date: 8-10-2012

First Tier Subcontractor if Applicable Dewberry's Davis LLC  
By:  Signature  
Executive Vice President  
Title  
Date: 8/9/12

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor

*GeoConcepts Engineering, Inc.*  
*19955 Highland Vista Drive*  
*Suite 170*  
*Ashburn, Virginia 20147*  
*(703) 726-8850*  
By:  \_\_\_\_\_  
Signature Title  
Date: 8/9/12

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

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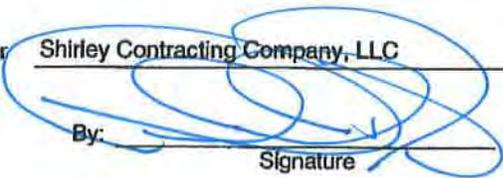
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor

Shirley Contracting Company, LLC

By: 

Signature

President/CEO

Title

Date: 8-10-2012

First Tier  
Subcontractor if  
Applicable

Dewberry & Davis LLC

By: 

Signature

Executive Vice President

Date: 8/10/12

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor

PULSAR ADVERTISING  
By: [Signature]  
Signature Title  
Date: 5/9/12

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

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Prime Contractor Shirley Contracting Company, LLC  
By:  \_\_\_\_\_  
Signature  
President/CEO  
Title  
Date: 8-10-2012

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

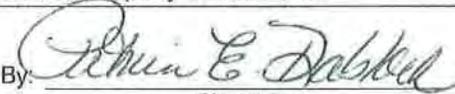
Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor

Diversified Property Services, Inc  
\_\_\_\_\_  
By:  Signature \_\_\_\_\_ President \_\_\_\_\_ Title \_\_\_\_\_  
Date: 8/8/12 \_\_\_\_\_