

Original

# Design-Build I-395 HOV Ramp at Seminary Road

From: Sanger Avenue  
To: Seminary Road

With

# I-395 NB Auxiliary Lane Extension

From: Duke Street  
To: Sanger Avenue

City of Alexandria, Virginia

## Price Proposal B Ramp Project & Aux-Lane Project

State Project No. 0395-100-722, 0395-100-736  
Federal Project No. IM-5A01(362), NH-5A01(363), pending  
Contract ID Number C00096261DB50

February 13, 2013

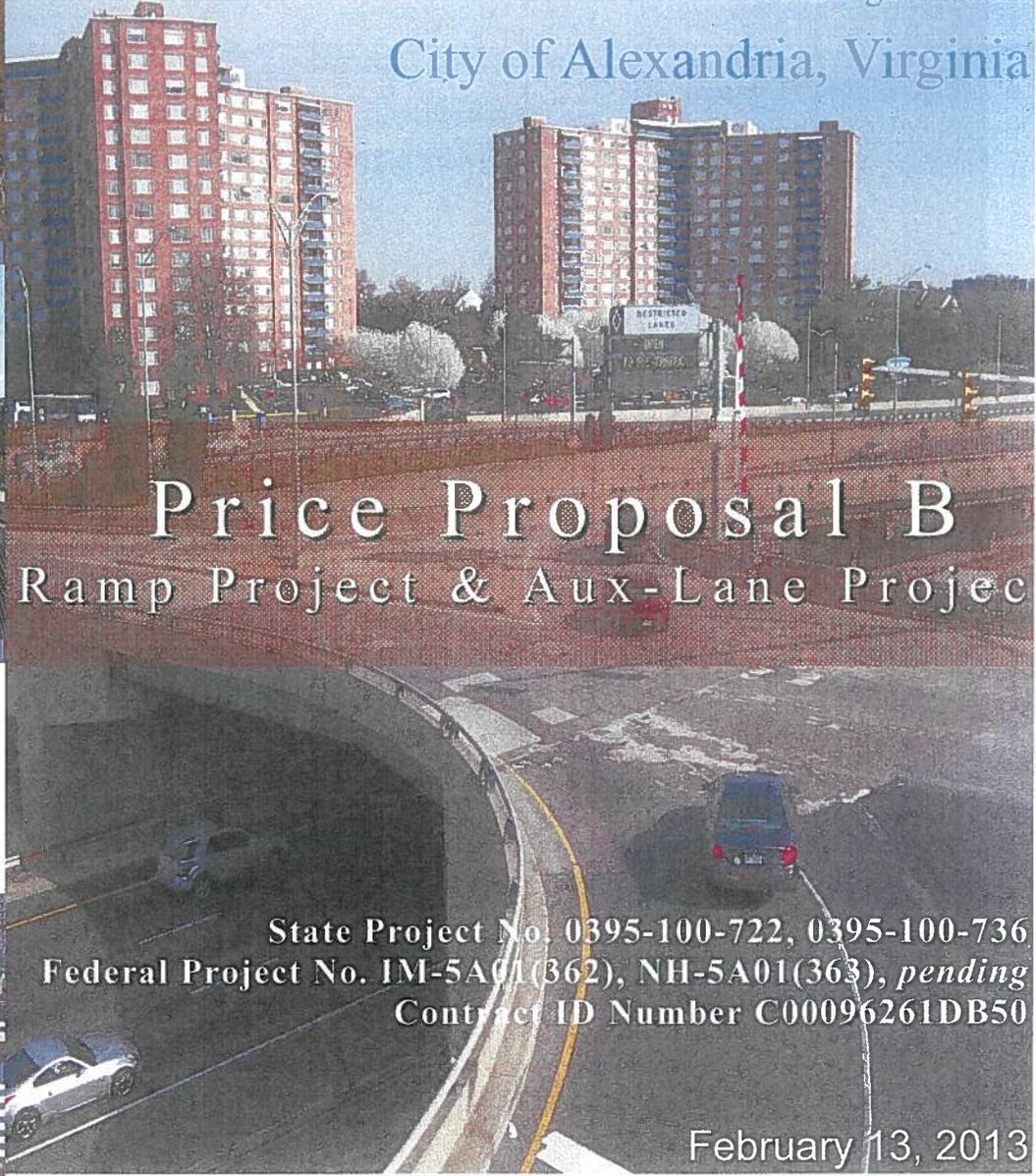
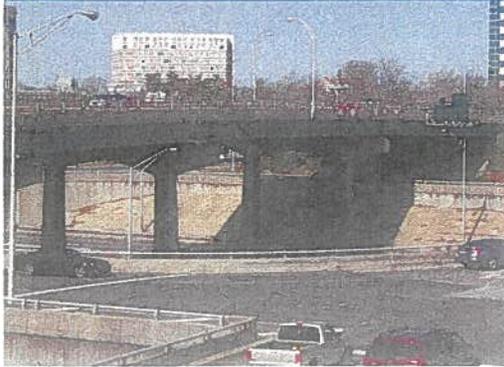
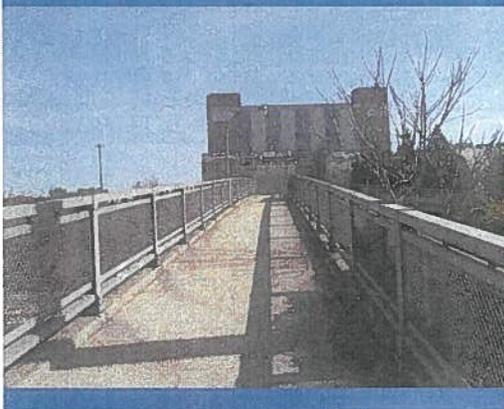
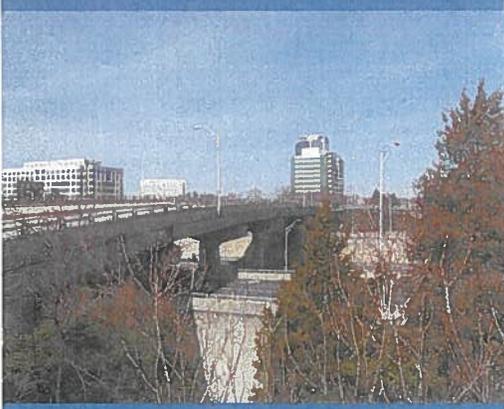
Prepared for :



Submitted by:



A Joint Venture between  
Corman Construction Inc. &  
Kiewit Infrastructure South Co.



ATTACHMENT 4.0.1.2(b)

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST – PRICE PROPOSAL B**

**Project Name: I-395 HOV Ramp at Seminary Road with I-395 NB Auxiliary  
Lane Extension**

**Contract ID Number: C00096261DB50**

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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 3.6COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

RFP NO. C00096261DB50  
 PROJECT NO.: 0395-100-722, 0395-100-736

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA

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

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

1. Cover letter of August 15, 2012 – RFP  
(Date)
2. Cover letter of November 5, 2012 – Addendum #1  
(Date)
3. Cover letter of December 14, 2012 – Addendum #2  
(Date)
4. Cover letter of December 20, 2012 – Addendum #3  
(Date)



SIGNATURE

William G. Cox, President and Attorney-In-Fact

PRINTED NAME AND TITLE

February 13, 2013

DATE



## 4.8.1 PRICE PROPOSAL

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**ATTACHMENT 4.8.1(b)**

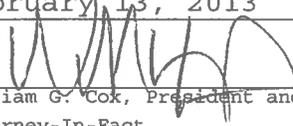
**PRICE PROPOSAL FORM – PRICE PROPOSAL B**

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

.1 Proposal Price;

Lump Sum FIFTY NINE Million Four hundred & Seventy  
FIVE THOUSAND DOLLARS & NO/CENT (\$59,475,000<sup>00</sup>)

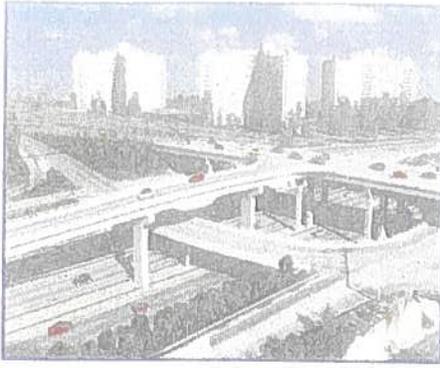
Date: February 13, 2013

Signature: 

William G. Cox, President and

Design-Builder: Attorney-In-Fact  
CK Constructors, A Joint Venture

Vendor No.: JV052



## 4.8.3 SCHEDULE OF VALUES

4.8.3  
SCHEDULE OF  
VALUES





| Activity ID <sup>1</sup>                                | Item Description  | Fuel (F) or Price (P) Adjustment | Item Number <sup>2</sup> | Material Descript. | Quantity | Unit | Budgeted Cost (\$) |
|---|---|----------------------------------|--------------------------|--------------------|----------|------|--------------------|
| DGN10AUL050   | Internal DB plan review / revision - 60 %                               |                                  |                          |                    |          |      | \$5,040.00         |
| DGN10AUL025   | VDOT Review - 60% Roadway Plan  |                                  |                          |                    |          |      | \$0.00             |
| DGN10AUL120   | 90% Roadway plan development  |                                  |                          |                    |          |      | \$22,320.00        |
| DGN10AUL130   | Internal DB plan review / revision -90 %                                |                                  |                          |                    |          |      | \$5,040.00         |
| DGN10AUL055   | VDOT Review - 90% Roadway plan  |                                  |                          |                    |          |      | \$0.00             |
| DGN10AUL140   | RFC Roadway Plans   |                                  |                          |                    |          |      | \$10,080.00        |
| DGN10AUL150   | Internal DB plan review / revision RFC                                  |                                  |                          |                    |          |      | \$5,040.00         |
| DGN10AUL065   | VDOT AFC Period - Roadway Plan  |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN02PLN160   | Traffic counts & calcs  |                                  |                          |                    |          |      | \$148,320.00       |
| DGN02PLN010   | Develop MOT plan for I-395, Phase 1 to 3 ramps, HOV, I-395              |                                  |                          |                    |          |      | \$92,160.00        |
| DGN02PLN020   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$23,040.00        |
| DGN02VDT010   | VDOT MOT plan 1st review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN030   | Revise MOT plan for I-395, Phase 1 to 3                                 |                                  |                          |                    |          |      | \$49,680.00        |
| DGN02PLN040   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$23,040.00        |
| DGN02VDT020   | VDOT MOT plan 2nd review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN050   | Final MOT Submission  |                                  |                          |                    |          |      | \$23,040.00        |
| DGN02VDT030   | VDOT review and approve MOT plan for I-395                              |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN02PLN170   | Traffic counts & calcs  |                                  |                          |                    |          |      | \$50,400.00        |
| DGN02PLN050   | Develop MOT plan for Seminary Bridge Rehab                              |                                  |                          |                    |          |      | \$23,040.00        |
| DGN02PLN070   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$11,520.00        |
| DGN02VDT040   | VDOT MOT plan 1st review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN080   | Revise MOT plan for Seminary Bridge Rehab                               |                                  |                          |                    |          |      | \$11,520.00        |
| DGN02PLN090   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$11,520.00        |
| DGN02VDT050   | VDOT MOT plan 2nd review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN100   | Final MOT Submission  |                                  |                          |                    |          |      | \$11,520.00        |
| DGN02VDT060   | VDOT review and approve MOT plan for Seminary Bridge Rehab              |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN02PLN180   | Traffic counts & calcs  |                                  |                          |                    |          |      | \$63,360.00        |
| DGN02PLN110   | Develop MOT plan for Sanger Ave   |                                  |                          |                    |          |      | \$15,120.00        |
| DGN02PLN120   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$15,120.00        |
| DGN02VDT070   | VDOT MOT plan 1st review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN130   | Revise MOT plan for Sanger Ave  |                                  |                          |                    |          |      | \$6,480.00         |
| DGN02PLN140   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$15,120.00        |
| DGN02VDT080   | VDOT MOT plan 2nd review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN150   | Final MOT Submission  |                                  |                          |                    |          |      | \$6,480.00         |
| DGN02VDT090   | VDOT review and approve MOT plan for Sanger Ave                         |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN02PLN240   | Traffic counts & calcs  |                                  |                          |                    |          |      | \$63,360.00        |
| DGN02PLN190   | Develop MOT plan for Duke St. Ramp MOT                                  |                                  |                          |                    |          |      | \$15,120.00        |
| DGN02PLN200   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$15,120.00        |
| DGN02VDT090   | VDOT MOT plan 1st review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN210   | Revise MOT plan for Duke St. Ramp MOT                                   |                                  |                          |                    |          |      | \$6,480.00         |
| DGN02PLN220   | Internal DB plan review/Revisions                                       |                                  |                          |                    |          |      | \$15,120.00        |
| DGN02VDT100   | VDOT MOT plan 2nd review  |                                  |                          |                    |          |      | \$0.00             |
| DGN02PLN230   | Final MOT Submission  |                                  |                          |                    |          |      | \$6,480.00         |
| DGN02VDT110   | VDOT review and approve MOT plan for Duke St. Ramp MOT                  |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN03PLN010   | Final Noise Analysis Report   |                                  |                          |                    |          |      | \$59,760.00        |
| DGN03PLN80  | 30% Noise/Retaining wall plan development                               |                                  |                          |                    |          |      | \$30,240.00        |
| DGN03PLN90  | VDOT Review of Sound Wall Plan 30% plan                                 |                                  |                          |                    |          |      | \$0.00             |
| DGN03PLN040   | Determine Sound Wall Feasibility  |                                  |                          |                    |          |      | \$10,080.00        |
| DGN03VDT010   | Public meetings   |                                  |                          |                    |          |      | \$5,760.00         |
| DGN03PLN050   | 60% Noise/Retaining wall plan development                               |                                  |                          |                    |          |      | \$30,240.00        |
| DGN03VDT020   | VDOT Review of Sound Wall plans - 60% Sound Wall plan                   |                                  |                          |                    |          |      | \$0.00             |
| DGN03PLN060   | 90% Noise/Retaining wall plan development                               |                                  |                          |                    |          |      | \$30,240.00        |
| DGN03VDT030   | VDOT Review of Sound Wall plans - 90% Sound Wall plan                   |                                  |                          |                    |          |      | \$0.00             |
| DGN03PLN070   | RFC - Noise/Retaining wall plan   |                                  |                          |                    |          |      | \$13,680.00        |
| DGN03PLN080   | Noise Abatement Committee technical memorandum preparation (NADR)       |                                  |                          |                    |          |      | \$0.00             |
| DGN03VDT050   | VDOT - Review and technical memorandum for noise certification of plans |                                  |                          |                    |          |      | \$0.00             |
| DGN03VDT040   | VDOT AFC Period - Sound Wall plan                                       |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN11PLN010   | Final Noise Analysis Report   |                                  |                          |                    |          |      | \$36,000.00        |
| DGN03PLN020   | SB Soundwall development  |                                  |                          |                    |          |      | \$72,000.00        |
| DGN11PLN80  | 30% Noise/Retaining wall plan development                               |                                  |                          |                    |          |      | \$18,000.00        |
| DGN11PLN90  | VDOT Review of Sound Wall Plan 30% plan                                 |                                  |                          |                    |          |      | \$5,760.00         |
| DGN11PLN040   | Determine Sound Wall Feasibility  |                                  |                          |                    |          |      | \$3,600.00         |
| DGN11VDT010   | Public meetings   |                                  |                          |                    |          |      | \$3,600.00         |
| DGN11PLN050   | 60% Noise/Retaining wall plan development                               |                                  |                          |                    |          |      | \$18,000.00        |
| DGN11VDT020   | VDOT Review of Sound Wall plans - 60% Sound Wall plan                   |                                  |                          |                    |          |      | \$0.00             |
| DGN11PLN060   | 90% Noise/Retaining wall plan development                               |                                  |                          |                    |          |      | \$18,000.00        |
| DGN11VDT030   | VDOT Review of Sound Wall plans - 90% Sound Wall plan                   |                                  |                          |                    |          |      | \$0.00             |
| DGN11PLN070   | RFC - Noise/Retaining wall plan   |                                  |                          |                    |          |      | \$8,640.00         |
| DGN11PLN080   | Noise Abatement Committee technical memorandum preparation (NADR)       |                                  |                          |                    |          |      | \$720.00           |
| DGN11VDT050   | VDOT - Review and technical memorandum for noise certification of plans |                                  |                          |                    |          |      | \$0.00             |
| DGN11VDT040   | VDOT AFC Period - Sound Wall plan                                       |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN04PLN010   | Verify Existing Utilities- Test Pit                                     |                                  |                          |                    |          |      | \$123,120.00       |
| DGN04PLN020   | Survey existing Utilities   |                                  |                          |                    |          |      | \$28,800.00        |
| DGN04PLN030   | Develop final Utility Matrix  |                                  |                          |                    |          |      | \$28,800.00        |
| DGN04PLN040   | Meet with Utility owners for Utilities that need relocated              |                                  |                          |                    |          |      | \$123,120.00       |
| DGN04PLN050   | Develop 30% Relocation Plans  |                                  |                          |                    |          |      | \$86,400.00        |
| DGN04RVW010   | Submit relocation plans to Utility Owners for Review                    |                                  |                          |                    |          |      | \$123,120.00       |
| DGN04PLN060   | Develop 60% Relocation Plans  |                                  |                          |                    |          |      | \$86,400.00        |
| DGN04RVW020   | Submit relocation plans to Utility Owners for Review                    |                                  |                          |                    |          |      | \$86,400.00        |
| DGN04PLN070   | Develop 90% Relocation Plans  |                                  |                          |                    |          |      | \$61,920.00        |
| DGN04RVW030   | Submit relocation plans to Utility Owners for Review                    |                                  |                          |                    |          |      | \$28,800.00        |
| DGN04PLN080   | Submit Final Relocation Plans to VDOT                                   |                                  |                          |                    |          |      | \$86,400.00        |
| DGN04RVW040   | Utility Owners Review and Approve Plans                                 |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN05PLN70  | Initial Steel Inspection  |                                  |                          |                    |          |      | \$79,200.00        |
| DGN05PLN020   | 30% Seminary Rd Bridge plan development                                 |                                  |                          |                    |          |      | \$159,120.00       |
| DGN05VDT010   | VDOT Review period - 30% Seminary Rd Bridge plan                        |                                  |                          |                    |          |      | \$0.00             |
| DGN05PLN025   | Internal DB Review - 30% Seminary Rd Bridge plan                        |                                  |                          |                    |          |      | \$36,720.00        |
| DGN05PLN030   | 60% Seminary Rd Bridge plan development                                 |                                  |                          |                    |          |      | \$159,120.00       |
| DGN05PLN035   | Internal DB Review - 60% Seminary Rd Bridge plan                        |                                  |                          |                    |          |      | \$36,720.00        |
| DGN05VDT020   | VDOT Review period - 60% Seminary Rd Bridge plan                        |                                  |                          |                    |          |      | \$0.00             |
| RMP02MSN20  | Develop/Submit Demo Erection Plan                                       |                                  |                          |                    |          |      | \$159,120.00       |
| DGN05PLN040   | 90% Seminary Rd Bridge plan development                                 |                                  |                          |                    |          |      | \$159,120.00       |
| DGN05PLN045   | Internal DB Review - 90% Seminary Rd Bridge plan                        |                                  |                          |                    |          |      | \$36,720.00        |
| DGN05VDT030   | VDOT Review period - 90% Seminary Rd Bridge plan                        |                                  |                          |                    |          |      | \$0.00             |
| DGN05PLN050   | RFC - Seminary Rd Bridge plan   |                                  |                          |                    |          |      | \$74,160.00        |
| DGN05VDT040   | VDOT AFC period   |                                  |                          |                    |          |      | \$0.00             |
| <b>WSP 311000110000 - I-395 - I-395 - I-395 - I-395</b> |   |                                  |                          |                    |          |      |                    |
| DGN05PLN060   | Finalize Ped Bridge Alignment and Right of Way                          |                                  |                          |                    |          |      | \$209,520.00       |
| DGN05PLN070   | ROW / Construction easment acquisition Plan                             |                                  |                          |                    |          |      | \$209,520.00       |
| DGN05VDT050   | VDOT Review - ROW Acquisition / easment and Relocation Plan             |                                  |                          |                    |          |      | \$0.00             |
| DGN05VDT060   | Commerce ROW Acquisition / Easment (Hold Point)                         |                                  |                          |                    |          |      | \$0.00             |

| Activity ID <sup>1</sup>                  | Item Description  | Fuel (F) or Price (P) Adjustment | Item Number <sup>2</sup> | Material Description | Quantity | Unit | Budgeted Cost (\$) |
|---|---|----------------------------------|--------------------------|----------------------|----------|------|--------------------|
| ROW01PRC010                               | ROW - Prepare Title Reports                                     |                                  |                          |                      |          |      | \$0.00             |
| ROW01PRC010                               | ROW - Prepare Appraisal   |                                  |                          |                      |          |      | \$0.00             |
| ROW01PRC030                               | ROW - Independent Appraisal Review                              |                                  |                          |                      |          |      | \$0.00             |
| ROW01VD010                                | VDOT Review/Approval ROW Appraisal                              |                                  |                          |                      |          |      | \$0.00             |
| ROW01PRC040                               | ROW - Initiate and Conduct Negotiations                         |                                  |                          |                      |          |      | \$0.00             |
| ROW01PRC050                               | ROW - Closing/Condemnation Submittal                            |                                  |                          |                      |          |      | \$0.00             |
| ROW01VD020                                | VDOT Review of Cond. Parlage, approve for construction          |                                  |                          |                      |          |      | \$0.00             |
| ROW01VD040                                | File Lawsuit / Record Deed                                      |                                  |                          |                      |          |      | \$0.00             |
| ROW01VD030                                | Notice to Commence Construction (Hold Point)                    |                                  |                          |                      |          |      | \$0.00             |
| <b>WBS: SMRD001-2-7.1 Rehabilitation</b>  |   |                                  |                          |                      |          |      |                    |
| DGN06PLN030                               | 30% Ped Bridge plan development                                 |                                  |                          |                      |          |      | \$75,600.00        |
| DGN06PLN60                                | Procure MSE wall Manufacturer                                   |                                  |                          |                      |          |      | \$150,480.00       |
| DGN06ADM010                               | Internal DB Review - 30% Ped Bridge plan                        |                                  |                          |                      |          |      | \$17,280.00        |
| DGN06VDT010                               | VDOT Review period - 30% Ped Bridge plan                        |                                  |                          |                      |          |      | \$0.00             |
| DGN06PLN040                               | 60% Ped Bridge plan development                                 |                                  |                          |                      |          |      | \$75,600.00        |
| DGN06ADM020                               | Internal DB Review - 60% Ped Bridge plan                        |                                  |                          |                      |          |      | \$17,280.00        |
| DGN06VDT020                               | VDOT Review period - 60% Ped Bridge plan                        |                                  |                          |                      |          |      | \$0.00             |
| DGN06ADM30                                | Develop / submit demo erection Plan                             |                                  |                          |                      |          |      | \$75,600.00        |
| DGN06PLN050                               | 90% Ped Bridge plan development                                 |                                  |                          |                      |          |      | \$17,280.00        |
| DGN06ADM030                               | Internal DB Review - 90% Ped Bridge plan                        |                                  |                          |                      |          |      | \$0.00             |
| DGN06VDT030                               | VDOT Review period - 90% Ped Bridge plan                        |                                  |                          |                      |          |      | \$0.00             |
| DGN06PLN060                               | RFC - 100% Ped Bridge plan                                      |                                  |                          |                      |          |      | \$35,280.00        |
| DGN06VDT040                               | VDOT AFC Period - Ped Bridge Plan                               |                                  |                          |                      |          |      | \$0.00             |
| <b>WBS: SMRD001-2-7.1 Rehabilitation</b>  |   |                                  |                          |                      |          |      |                    |
| DGN07PLN030                               | 30% HOV Bridge plan development                                 |                                  |                          |                      |          |      | \$233,280.00       |
| DGN07ADM010                               | Internal DB Review - 30% HOV Bridge plan                        |                                  |                          |                      |          |      | \$116,640.00       |
| DGN07VDT010                               | VDOT Review period - 30% HOV Bridge plan                        |                                  |                          |                      |          |      | \$27,360.00        |
| DGN07PLN040                               | 60% HOV Bridge plan development                                 |                                  |                          |                      |          |      | \$0.00             |
| DGN07ADM020                               | Internal DB Review - 60% HOV Bridge plan                        |                                  |                          |                      |          |      | \$116,640.00       |
| DGN07VDT020                               | VDOT Review period - 60% HOV Bridge plan                        |                                  |                          |                      |          |      | \$27,360.00        |
| DGN07PLN050                               | 90% HOV Bridge plan development                                 |                                  |                          |                      |          |      | \$0.00             |
| DGN07ADM030                               | Internal DB Review - 90% HOV Bridge plan                        |                                  |                          |                      |          |      | \$116,640.00       |
| DGN07VDT030                               | VDOT Review period - 90% HOV Bridge plan                        |                                  |                          |                      |          |      | \$27,360.00        |
| DGN07PLN060                               | RFC - HOV Bridge plan   |                                  |                          |                      |          |      | \$0.00             |
| DGN07VDT040                               | VDOT AFC period - HOV Bridge                                    |                                  |                          |                      |          |      | \$54,720.00        |
| <b>WBS: SMRD001-2-7.1 Rehabilitation</b>  |   |                                  |                          |                      |          |      |                    |
| DGN08PLN030                               | Initial Steel Inspection  |                                  |                          |                      |          |      | \$37,440.00        |
| DGN08ADM010                               | 30% Sanger Ave Bridge plan development                          |                                  |                          |                      |          |      | \$52,560.00        |
| DGN08VDT010                               | VDOT Review period - 30% Sanger Ave Bridge plan                 |                                  |                          |                      |          |      | \$17,280.00        |
| DGN08PLN040                               | 60% Sanger Ave Bridge plan development                          |                                  |                          |                      |          |      | \$0.00             |
| DGN08ADM020                               | Internal PB Review - 60% Sanger Ave Bridge plan                 |                                  |                          |                      |          |      | \$52,560.00        |
| DGN08VDT020                               | VDOT Review period - 60% Sanger Ave Bridge plan                 |                                  |                          |                      |          |      | \$17,280.00        |
| DGN08ADM030                               | Develop and submit Demo / Erection Plan                         |                                  |                          |                      |          |      | \$0.00             |
| DGN08PLN050                               | 90% Sanger Ave Bridge plan development                          |                                  |                          |                      |          |      | \$75,600.00        |
| DGN08ADM030                               | Internal PB Review - 90% Sanger Ave Bridge plan                 |                                  |                          |                      |          |      | \$52,560.00        |
| DGN08VDT030                               | VDOT Review period - 90% Sanger Ave Bridge plan                 |                                  |                          |                      |          |      | \$17,280.00        |
| DGN08PLN060                               | RFC - Sanger Ave Bridge plan                                    |                                  |                          |                      |          |      | \$0.00             |
| DGN08VDT040                               | VDOT AFC period - Sanger Ave Bridge                             |                                  |                          |                      |          |      | \$17,280.00        |
| <b>WBS: SMRD001-2-7.1 Rehabilitation</b>  |   |                                  |                          |                      |          |      |                    |
| DGN09PLN010                               | 30% ITS plan development  |                                  |                          |                      |          |      | \$69,120.00        |
| DGN09PLN050                               | Internal DB Review 30% ITS Plan                                 |                                  |                          |                      |          |      | \$15,840.00        |
| DGN09VDT010                               | VDOT Review period - 30% ITS plan                               |                                  |                          |                      |          |      | \$0.00             |
| DGN09PLN020                               | 60% ITS plan development  |                                  |                          |                      |          |      | \$69,120.00        |
| DGN09PLN060                               | Internal DB Review 60% ITS Plan                                 |                                  |                          |                      |          |      | \$15,840.00        |
| DGN09VDT020                               | VDOT Review period - 60% ITS plan                               |                                  |                          |                      |          |      | \$0.00             |
| DGN09PLN030                               | 90% ITS plan development  |                                  |                          |                      |          |      | \$69,120.00        |
| DGN09VDT030                               | VDOT Review period - 90% ITS plan                               |                                  |                          |                      |          |      | \$15,840.00        |
| DGN09PLN040                               | RFC - ITS plan  |                                  |                          |                      |          |      | \$0.00             |
| DGN09VDT040                               | VDOT AFC period   |                                  |                          |                      |          |      | \$32,400.00        |
| <b>WBS: SMRD001-4-3 CONSTRUCTION</b>      |   |                                  |                          |                      |          |      |                    |
| CON00M0B010                               | Mobilization to Site  |                                  |                          |                      |          |      | \$1,549,157,862.75 |
| CON00M0B040                               | Maintenance Of Traffic  |                                  |                          |                      |          |      | \$2,598,001.00     |
| CON00M0B050                               | E & S Maintenance   |                                  |                          |                      |          |      | \$2,300,000.00     |
| CON00M0B030                               | Initial Punchlist   |                                  |                          |                      |          |      | \$0.00             |
| CON00M0B020                               | Final Punchlist, Close-Out & Demobilization                     |                                  |                          |                      |          |      | \$0.00             |
| <b>WBS: SMRD001-4-3.1 Ramp Segment</b>    |   |                                  |                          |                      |          |      |                    |
| RMP00ADM010                               | Start Ramp Segment  |                                  |                          |                      |          |      | \$37,791,839.25    |
| RMP00ADM020                               | Complete Ramp Segment   |                                  |                          |                      |          |      | \$0.00             |
| <b>WBS: SMRD001-4-3.1 Ramp Segment</b>    |   |                                  |                          |                      |          |      |                    |
| DGN06PRC010                               | Review and Approve concrete girder shop Drawings                |                                  |                          |                      |          |      | \$0.00             |
| RMP01PRC010                               | Procure Bridge Girders  |                                  |                          |                      |          |      | \$77,000.00        |
| RMP01MOT010                               | Set up MOT - Ped Bridge   |                                  |                          |                      |          |      | \$195,000.00       |
| RMP01MSN010                               | Start Ped Bridge  |                                  |                          |                      |          |      | \$0.00             |
| RMP01MOT020                               | Install Erosion Control System - Ped Bridge                     |                                  |                          |                      |          |      | \$0.00             |
| RMP01MOT030                               | Remove MOT - Ped Bridge   |                                  |                          |                      |          |      | \$0.00             |
| RMP01MSN020                               | Complete Ped Bridge   |                                  |                          |                      |          |      | \$0.00             |
| RMP01PLE030                               | Install drilled shaft at abutment                               |                                  |                          |                      |          |      | \$50,400.00        |
| RMP01PLE30                                | MSE Wall approaches   | F                                |                          | Agg Material N       | 7,600    | TN   | \$805,850.00       |
| RMP01SUB010                               | Construct abutments on shafts                                   |                                  |                          |                      |          |      | \$58,650.00        |
| RMP01SUB30                                | Install drilled shafts ( 6 ea ) Column Foundations              |                                  |                          |                      |          |      | \$244,000.00       |
| RMP01SUB020                               | Construct Columns - Ped Bridge (6 ea )                          |                                  |                          |                      |          |      | \$78,200.00        |
| RMP01SUB030                               | Construct Caps - Ped Bridge                                     |                                  |                          |                      |          |      | \$58,650.00        |
| RMP01SUP010                               | Set Precast Girders   |                                  |                          |                      |          |      | \$77,000.00        |
| RMP01SUP20                                | Pedestrian Bridge CIP Deck                                      |                                  |                          |                      |          |      | \$461,000.00       |
| RMP01SUP30                                | Structure Rating (Hold Point)                                   |                                  |                          |                      |          |      | \$0.00             |
| RMP01FIN010                               | Ped Bridge drainage / fence / finishes                          |                                  |                          |                      |          |      | \$189,500.00       |
| RMP01ELT010                               | Ped Bridge Electrical   |                                  |                          |                      |          |      | \$57,750.00        |
| RMP01VDT010                               | VDOT Acceptance Period - Ped Bridge                             |                                  |                          |                      |          |      | \$0.00             |
| RMP01DEM010                               | Complete Remaining Ped Bridge Demo                              |                                  |                          |                      |          |      | \$75,000.00        |
| <b>WBS: SMRD001-2-3.2 Seminary Bridge</b> |   |                                  |                          |                      |          |      |                    |
| RMP02MSN010                               | Start Seminary Road Bridge Deck Rehab                           |                                  |                          |                      |          |      | \$9,353,125.00     |
| RMP02SUP015                               | Partial de-lead existing structural steel - Seminary Bridge     |                                  |                          |                      |          |      | \$0.00             |
| RMP02SUP030                               | Replace existing bearing pad and pedestals - Seminary Bridge    |                                  |                          |                      |          |      | \$650,000.00       |
| RMP02MSN030                               | Procure seminary road reinforcing steel                         |                                  |                          |                      |          |      | \$682,581.25       |
| RMP02SUP020                               | Retrofit survey for existing structural steel - Seminary Bridge |                                  |                          |                      |          |      | \$0.00             |
| RMP02PRC010                               | Procure retrofit steel - Seminary Bridge                        |                                  |                          |                      |          |      | \$0.00             |
| RMP02SUP170                               | Substructure repairs  |                                  |                          |                      |          |      | \$60,000.00        |
| RMP02SUP040                               | Retrofit Existing structural steel - Seminary Bridge            |                                  |                          |                      |          |      | \$275,000.00       |
| RMP02MSN020                               | Complete Seminary Road Bridge Deck Rehab - Seminary Bridge      |                                  |                          |                      |          |      | \$0.00             |
| RMP02MOT010                               | Set-up MOT for Deck Replacement - Seminary Bridge Ph 1          |                                  |                          |                      |          |      | \$124,090.00       |
| RMP02MOT020                               | Install Erosion Control System - Seminary Bridge Ph 1           |                                  |                          |                      |          |      | \$10,400.00        |
| RMP02MOT190                               | Remove existing median  |                                  |                          |                      |          |      | \$0.00             |
| RMP02MOT030                               | Construct temp pavement - Seminary Bridge Ph 1                  |                                  |                          |                      |          |      | \$38,500.00        |



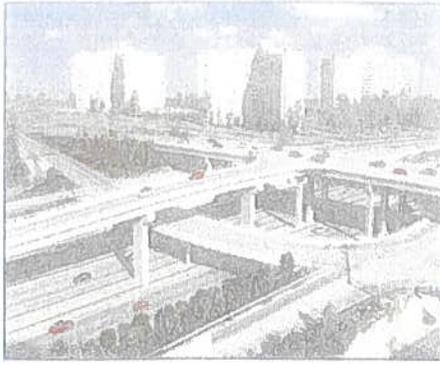
| Activity ID 1                                | Item Description   | Fuel (F) or Price (P) Adjustment | Item Number 2 | Material Description | Quantity | Unit | Budgeted Cost (\$) |
|--|--|----------------------------------|---------------|----------------------|----------|------|--------------------|
| RMP04SUP010                                  | Set girders - HOV Ramp Bridge  |                                  |               |                      |          |      | \$784,000.00       |
| RMP04SUP020                                  | Construct bridge deck - HOV Ramp Bridge                                    |                                  |               |                      |          |      | \$1,113,040.00     |
| RMP04SUP030                                  | Construct barrier wall - HOV Ramp Bridge                                   |                                  |               |                      |          |      | \$250,000.00       |
| RMP04SUP040                                  | Construct approach slab - HOV Ramp Bridge                                  |                                  |               |                      |          |      | \$32,750.00        |
| RMP04SUP80                                   | Structure Rating (Hold Point)  |                                  |               |                      |          |      | \$0.00             |
| RMP04ELY010                                  | Install HOV gate - HOV Ramp  |                                  |               |                      |          |      | \$0.00             |
| RMP04ELY020                                  | Install traffic signal - HOV Ramp  |                                  |               |                      |          |      | \$0.00             |
| RMP04ELY30                                   | Signal burn in period  |                                  |               |                      |          |      | \$0.00             |
| RMP04ELY30                                   | Bridge electrical, lighting, scuppers and misc. finishes - HOV Ramp Bridge |                                  |               |                      |          |      | \$390,000.00       |
| RMP04VOT010                                  | VDOT Acceptance Period - HOV Ramp Bridge                                   |                                  |               |                      |          |      | \$0.00             |
| RMP04FIN010                                  | Grind, groove, and stripe Bridge Deck - HOV Ramp Bridge                    |                                  |               |                      |          |      | \$0.00             |
| <b>WBS: SMR000 1-4 3 2. Roadway</b>          |  |                                  |               |                      |          |      |                    |
| RMP05PRC010                                  | Procure sound wall fabricator  |                                  |               |                      |          |      | \$0.00             |
| RMP05PRC020                                  | Develop sound wall shop drawings   |                                  |               |                      |          |      | \$0.00             |
| RMP05PRC030                                  | Fabricate sound wall   |                                  |               |                      |          |      | \$0.00             |
| RMP05PRC30                                   | Furnish and install signs and sign structures                              |                                  |               |                      |          |      | \$550,600.00       |
| RMP05MOT80                                   | Refurbish NB 395 Inside Shoulder   |                                  |               |                      |          |      | \$155,336.00       |
| RMP05MOT90                                   | Traffic Switch meeting   |                                  |               |                      |          |      | \$0.00             |
| RMP05MOT100                                  | Switch traffic   |                                  |               |                      |          |      | \$197,899.50       |
| RMP05MSN030                                  | Start Phase 2 Roadway - Ramp Segment                                       |                                  |               |                      |          |      | \$0.00             |
| RMP05MOT110                                  | Traffic switch meeting   |                                  |               |                      |          |      | \$0.00             |
| RMP05MOT040                                  | Set up MOT and switch traffic  |                                  |               |                      |          |      | \$861,190.00       |
| RMP05MOT050                                  | Install Erosion Control System   |                                  |               |                      |          |      | \$71,600.00        |
| RMP05DEM020                                  | Clear and Grub   |                                  |               |                      |          |      | \$189,640.00       |
| RMP05DEM030                                  | Demo existing roadway and structures                                       |                                  |               |                      |          |      | \$102,690.00       |
| RMP05UTL030                                  | Relocate existing utilities  |                                  |               |                      |          |      | \$316,000.00       |
| RMP05DEM030                                  | Construct new Temp lighting NB 395   |                                  |               |                      |          |      | \$321,400.00       |
| RMP05EXC020                                  | Excavate Roadway (approx. Sta 319+50 to 416+00, NB Off-Ramp)               | F                                | 00120         | Regular Excava       | 28,800   | CY   | \$648,000.00       |
| RMP05DEM040                                  | Construct NB Mainline/Ramp retaining wall (333-341)                        |                                  |               |                      |          |      | \$125,000.00       |
| RMP05STRO20                                  | Construct retaining wall   |                                  |               |                      |          |      | \$474,500.00       |
| RMP05DEM50                                   | Roadway base for Initial 18' widening                                      |                                  |               |                      |          |      | \$142,500.00       |
| RMP05DEM60                                   | Pave Initial 18' widening  | F,P                              | 10610         | Asphalt Conc II      | 1,450    | TN   | \$1,477,450.00     |
| RMP05EMB020                                  | Embankment (approx Sta 305+50 to 314+00, NB Off-Ramp)                      | F,P                              | 10642         | Asphalt Conc         | 7,500    | TN   | \$84,000.00        |
| RMP05UTL040                                  | Install roadway drainage and utility protection                            |                                  |               |                      |          |      | \$1,066,200.00     |
| RMP05STRO30                                  | Construct soundwall foundation   |                                  |               |                      |          |      | \$775,000.00       |
| RMP05UTL050                                  | Install underground utilities / ITS  |                                  |               |                      |          |      | \$425,000.00       |
| RMP05GRD020                                  | Construct roadway subbase, flatwork and base                               | F                                | 10128         | Agg Base 21B         | 17,400   | TN   | \$830,125.00       |
| RMP05PAV030                                  | A/C Paving, Guardrail & Temp Stripe  | F,P                              | 10610         | Asphalt Conc II      |          |      | \$320,440.00       |
| RMP05ELY020                                  | Install lighting and signs   | F,P                              | 10642         | Asphalt Conc B       | 15,200   | TN   | \$228,000.00       |
| RMP05STRO40                                  | Finish Grading   |                                  |               |                      |          |      | \$171,750.00       |
| RMP05STRO50                                  | Install sound wall panels  |                                  |               |                      |          |      | \$1,716,561.00     |
| RMP05LND010                                  | Construct landscape  |                                  |               |                      |          |      | \$175,000.00       |
| RMP05MSN040                                  | Complete Phase 2 Roadway - Ramp Segment                                    |                                  |               |                      |          |      | \$0.00             |
| RMP05MSN010                                  | Start Phase 3 Roadway - Ramp Segment traffic Switch                        |                                  |               |                      |          |      | \$0.00             |
| RMP05MOT010                                  | Set up MOT   |                                  |               |                      |          |      | \$88,564.00        |
| RMP05MOT020                                  | Install Erosion Control System   |                                  |               |                      |          |      | \$13,275.00        |
| RMP05DEM010                                  | Demo existing roadway and structures                                       |                                  |               |                      |          |      | \$5,000.00         |
| RMP05EXC010                                  | Excavate Roadway (I-395 Exist Median)                                      |                                  |               |                      |          |      | \$132,000.00       |
| RMP05EMB010                                  | Embankment (I-395 Exist Median)  |                                  |               |                      |          |      | \$72,000.00        |
| RMP05UTL010                                  | Install roadway drainage and utility protection                            |                                  |               |                      |          |      | \$15,000.00        |
| RMP05UTL020                                  | Install underground utilities / ITS  |                                  |               |                      |          |      | \$425,000.00       |
| RMP05STRO10                                  | Construct median barrier walls   |                                  |               |                      |          |      | \$2,314,750.00     |
| RMP05GRD010                                  | Construct roadway subbase, flatwork and base                               |                                  |               |                      |          |      | \$0.00             |
| RMP05ELY010                                  | Install lighting, signs, HOV gate  |                                  |               |                      |          |      | \$65,150.00        |
| RMP05PAV010                                  | A/C Paving, Guardrail & Temp Stripe  |                                  |               |                      |          |      | \$113,800.00       |
| RMP05MOT030                                  | Remove MOT   |                                  |               |                      |          |      | \$0.00             |
| RMP05MSN020                                  | Complete Phase 3 Roadway - Ramp Segment                                    |                                  |               |                      |          |      | \$0.00             |
| RMP05MOT060                                  | Shift MOT to Phase 4 and Traffic switch                                    |                                  |               |                      |          |      | \$0.00             |
| RMP05PAV040                                  | A/C Paving, Guardrail & Temp Stripe  | F,P                              | 10609         | Asphalt Conc S       | 8,700    | TN   | \$907,900.00       |
| RMP05ELY030                                  | Install lighting and signs   |                                  |               |                      |          |      | \$25,500.00        |
| RMP05LND020                                  | Construct landscape  |                                  |               |                      |          |      | \$5,640.00         |
| RMP05PAV050                                  | Final paving & striping  |                                  |               |                      |          |      | \$149,022.50       |
| RMP05MOT080                                  | Remove MOT   |                                  |               |                      |          |      | \$0.00             |
| RMP05MSN060                                  | Complete Phase 4 Roadway - Ramp Segment                                    |                                  |               |                      |          |      | \$0.00             |
| <b>WBS: SMR000 1-4 3 2. Roadway</b>          |  |                                  |               |                      |          |      |                    |
| DGN03PRC010                                  | Sound Wall shop Drawing Review   |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT010                                  | Set-up MOT, SW approx. Sta 621 to 634                                      |                                  |               |                      |          |      | \$0.00             |
| RMP06MSN010                                  | Start SB Soundwall, SW approx. Sta. 621 to 634                             |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT020                                  | Install Erosion Control System, SW approx. Sta 621 to 634                  |                                  |               |                      |          |      | \$17,500.00        |
| RMP06DEM010                                  | Clear and Grub, SW approx. Sta 621 to 634                                  |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT030                                  | Construct Temp Access, SW approx. Sta 621 to 634                           |                                  |               |                      |          |      | \$0.00             |
| RMP06STR010                                  | Construct soundwall foundation, SW approx. Sta 621 to 634                  |                                  |               |                      |          |      | \$368,550.00       |
| RMP06STR020                                  | Install soundwall panel, SW approx. Sta 621 to 634                         |                                  |               |                      |          |      | \$368,550.00       |
| RMP06LND010                                  | Construct landscape, SW approx. Sta 621 to 634                             |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT040                                  | Remove Temp Access, SW approx. Sta 621 to 634                              |                                  |               |                      |          |      | \$0.00             |
| RMP06MSN020                                  | Finish SB Soundwall, SW approx. Sta 621 to 634                             |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT050                                  | Set-up MOT, SW approx. Sta 600 to 612+50                                   |                                  |               |                      |          |      | \$0.00             |
| RMP06MSN030                                  | Start SB Soundwall, SW approx. Sta 600 to 612+50                           |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT060                                  | Install Erosion Control System, SW approx. Sta 600 to 612+50               |                                  |               |                      |          |      | \$17,500.00        |
| RMP06DEM020                                  | Clear and Grub, SW approx. Sta 600 to 612+50                               |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT070                                  | Construct Temp Access, SW approx. Sta 600 to 612+50                        |                                  |               |                      |          |      | \$0.00             |
| RMP06STR030                                  | Construct soundwall foundation, SW approx. Sta 600 to 612+50               |                                  |               |                      |          |      | \$368,550.00       |
| RMP06STR040                                  | Install soundwall panel, SW approx. Sta 600 to 612+50                      |                                  |               |                      |          |      | \$368,550.00       |
| RMP06LND020                                  | Construct landscape, SW approx. Sta 600 to 612+50                          |                                  |               |                      |          |      | \$0.00             |
| RMP06MOT080                                  | Remove Temp Access, SW approx. Sta 600 to 612+50                           |                                  |               |                      |          |      | \$0.00             |
| RMP06MSN040                                  | Finish SB Soundwall, SW approx. Sta 600 to 612+50                          |                                  |               |                      |          |      | \$0.00             |
| <b>WBS: SMR000 1-4 3 2. Aux-Lane Segment</b> |  |                                  |               |                      |          |      |                    |
| AXL01MSN010                                  | Start Phase 1 Roadway - Aux-Lane Segment                                   |                                  |               |                      |          |      | \$0.00             |
| AXL01MOT010                                  | Set up MOT, Aux-Lane Ph 1  |                                  |               |                      |          |      | \$62,000.00        |
| AXL01MOT030                                  | Refurbish inside shoulder  |                                  |               |                      |          |      | \$55,650.00        |
| AXL01MSN020                                  | Complete Phase 1 Roadway - Aux-Lane Segment                                |                                  |               |                      |          |      | \$0.00             |
| <b>WBS: SMR000 1-4 3 2. Aux-Lane Segment</b> |  |                                  |               |                      |          |      |                    |
| AXL02MOT010                                  | Set up MOT and traffic Switch, Aux-Lane Ph 2                               |                                  |               |                      |          |      | \$5,783,500.00     |
| AXL02MSN010                                  | Start Phase 2 Roadway - Aux-Lane Segment                                   |                                  |               |                      |          |      | \$123,100.00       |
| AXL02MOT020                                  | Install Erosion Control System, Aux-Lane Ph 2                              |                                  |               |                      |          |      | \$102,200.00       |
| AXL02DEM010                                  | Clear and Grub, Aux-Lane Ph 2  |                                  |               |                      |          |      | \$39,600.00        |
| AXL02DEM020                                  | Demo existing roadway and structures, Aux-Lane Ph 2                        |                                  |               |                      |          |      | \$27,525.00        |
| AXL02UTL010                                  | Relocate existing utilities, Aux-Lane Ph 2                                 |                                  |               |                      |          |      | \$172,125.00       |
| AXL02STR010                                  | Construct retaining wall, Aux-Lane Ph 2                                    |                                  |               |                      |          |      | \$1,445,930.00     |
| AXL02STR020                                  | Construct soundwall foundation, Aux-Lane Ph 2                              |                                  |               |                      |          |      | \$918,000.00       |
| AXL02EMB010                                  | Embankment, Aux-Lane Ph 2  | F                                | 00120         | Regular Excava       | 5,000    | CY   | \$212,000.00       |

| Activity ID <sup>1</sup> | Item Description   | Fuel (F) or Price (P) Adjustment | Item Number <sup>2</sup> | Material Descript | Quantity | Unit | Budgeted Cost (\$) |
|--------------------------|--|----------------------------------|--------------------------|-------------------|----------|------|--------------------|
| AKL02UTL020              | Install roadway drainage and utility protection, Aux-Lane Ph 2 |                                  |                          |                   |          |      | \$102,100.00       |
| AKL02STR030              | Install soundwall panel, Aux-Lane Ph 2                         |                                  |                          |                   |          |      | \$1,080,750.00     |
| AKL02UTL030              | Install underground utilities / ITS, Aux-Lane Ph 2             |                                  |                          |                   |          |      | \$57,375.00        |
| AKL02GRD010              | Construct roadway subbase, flatwork and base, Aux-Lane Ph 2    |                                  |                          |                   |          |      | \$417,930.00       |
| AKL02PAV010              | A/C Paving, Guardrail & Temp Stripe, Aux-Lane Ph 2             | F,P                              | 10610                    | Asphalt Conc H    | 1,230    | TN   | \$608,825.00       |
| AKL02ELT010              | Install lighting and signs, Aux-Lane Ph 2                      | F,P                              | 10642                    | Asphalt Conc E    | 6,490    | TN   | \$369,400.00       |
| AKL02LND010              | Construct landscape, Aux-Lane Ph 2                             |                                  |                          |                   |          |      | \$20,000.00        |
| AKL03MSN020              | Complete Phase 2 Roadway - Aux-Lane Segment                    |                                  |                          |                   |          |      | \$0.00             |
| AKL03MOT010              | Shift MOT to Aux-Lane Phase 3                                  |                                  |                          |                   |          |      | \$34,000.00        |
| AKL03MSN010              | Start Phase 3 Roadway - Aux-Lane Segment                       |                                  |                          |                   |          |      | \$0.00             |
| AKL03MOT030              | Remove temp pavement, Aux-Lane Ph 3                            |                                  |                          |                   |          |      | \$17,290.00        |
| AKL03PAV010              | Mill and Resurface, Aux-Lane Ph 3                              |                                  |                          |                   |          |      | \$64,485.00        |
| AKL03LND010              | Construct landscape, Aux-Lane Ph 3                             |                                  |                          |                   |          |      | \$81,600.00        |
| AKL03PAV020              | Final paving & striping, Aux-Lane Ph 3                         | F,P                              | 10609                    | Asphalt Conc S    | 3,900    | TN   | \$370,147.50       |
| AKL03MOT040              | Remove MOT, Aux-Lane Ph 3                                      |                                  |                          |                   |          |      | \$0.00             |
| AKL03MSN020              | Complete Phase 3 Roadway - Aux-Lane Segment                    |                                  |                          |                   |          |      | \$0.00             |

<sup>1</sup> Activity ID should correspond to the Activity ID provided in the Offeror's Proposal Schedule.

<sup>2</sup> Item Number should correspond to VDOT's Standard and Non-Standard Item Code Tables, as provided on VDOT's Construction (Scheduling and Contracts) webpage.

Total \$ 59,475,000.00



## 4.8.4 PROPOSED MONTHLY PAYMENT SCHEDULE

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## SCHEDULE OF VALUES

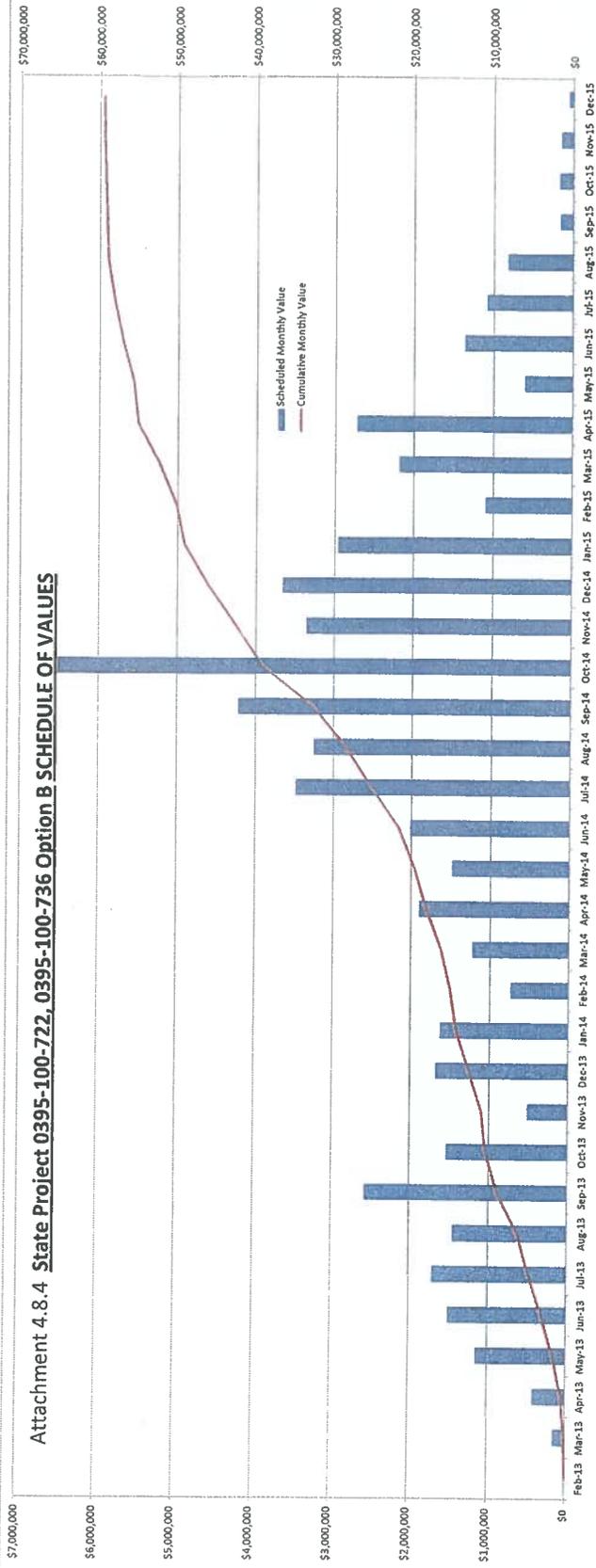
Monthly Revenue



| Month  | Scheduled Monthly Value | Cumulative Monthly Value |
|--------|-------------------------|--------------------------|
| Feb-13 | \$0                     | \$0                      |
| Mar-13 | \$151,241               | \$151,241                |
| Apr-13 | \$414,827               | \$566,068                |
| May-13 | \$1,146,191             | \$1,712,259              |
| Jun-13 | \$1,502,338             | \$3,214,597              |
| Jul-13 | \$1,703,635             | \$4,918,232              |
| Aug-13 | \$1,448,898             | \$6,367,130              |
| Sep-13 | \$2,571,790             | \$8,938,920              |
| Oct-13 | \$1,537,297             | \$10,476,218             |
| Nov-13 | \$509,019               | \$10,985,236             |
| Dec-13 | \$1,679,399             | \$12,664,636             |
| Jan-14 | \$1,623,614             | \$14,288,250             |
| Feb-14 | \$734,950               | \$15,023,200             |
| Mar-14 | \$1,216,640             | \$16,239,840             |
| Apr-14 | \$1,899,277             | \$18,139,117             |
| May-14 | \$1,484,776             | \$19,623,893             |
| Jun-14 | \$2,014,675             | \$21,638,569             |
| Jul-14 | \$3,480,748             | \$25,119,316             |
| Aug-14 | \$3,253,510             | \$28,372,827             |
| Sep-14 | \$4,220,112             | \$32,592,939             |
| Oct-14 | \$6,522,293             | \$39,115,231             |
| Nov-14 | \$3,358,502             | \$42,473,733             |
| Dec-14 | \$3,661,601             | \$46,135,335             |
| Jan-15 | \$2,957,422             | \$49,092,756             |
| Feb-15 | \$1,090,144             | \$50,182,901             |
| Mar-15 | \$2,182,753             | \$52,365,653             |
| Apr-15 | \$2,723,536             | \$55,089,189             |
| May-15 | \$599,976               | \$55,689,165             |
| Jun-15 | \$1,360,813             | \$57,049,978             |
| Jul-15 | \$1,081,719             | \$58,131,697             |
| Aug-15 | \$816,589               | \$58,948,286             |
| Sep-15 | \$158,014               | \$59,106,300             |
| Oct-15 | \$168,548               | \$59,274,849             |
| Nov-15 | \$147,480               | \$59,422,329             |
| Dec-15 | \$52,671                | \$59,475,000             |
| Jan-16 |                         |                          |

|       |    |            |
|-------|----|------------|
| Total | \$ | 59,475,000 |
|-------|----|------------|

**Attachment 4.8.4 State Project 0395-100-722, 0395-100-736 Option B SCHEDULE OF VALUES**





## 4.8.5 ADJUSTMENTS TO ASPHALT, FUEL, & STEEL PRICES

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**EXHIBIT 6.3(a)  
ADJUSTMENT FOR ASPHALT**

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

November 5, 2012

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 within the Schedule of Values 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 Schedule of Values 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: February 13, 2013

Signature: William G. Cox  
President and Attorney-In-Fact

Design-builder: CK Constructors, a JV

Request for Proposals

Part 3 - Addendum #1

Lump Sum Agreement

August 15, 2012 - November 5, 2012

I-395 HOV Ramp at Seminary Road with I-395 NB Auxiliary Lane Extension

City of Alexandria, Virginia

Project No. 0395-100-722, 0395-100-736

Contract ID # C00096261DB50

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Vendor No.: JV052

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: 0395-100, 0395-100-736

DISTRICT:

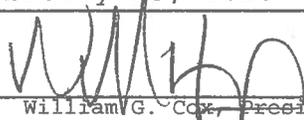
Bid Prices in this contract for items containing PG 64-22 asphalt cement were developed using an f.o.b. price of \$ 535.50 per IMPERIAL ton for PG 64-22. This quote will be averaged into the monthly price index.

Bid Prices in this contract for items containing PG 76-22 asphalt cement were developed using an f.o.b. price of \$ 665.50 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: February 13, 2013

SIGNATURE:   
William G. Cox, President and  
Attorney-In-Fact  
CK Constructors, A Joint Venture  
(Firm or Corporation)

JV052  
(Vendor No.)

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

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

November 5, 2012

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

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

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

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

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

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

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

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

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

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

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

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

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

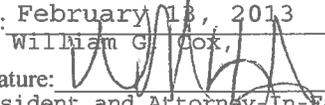
When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

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

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

I elect to use this provision

I elect not to use this provision

Date: February 13, 2013  
William G. Cox,  
Signature:   
President and Attorney-in-Fact  
Design-builder: CK Constructors, A  
Joint Venture  
Vendor No.: JV052

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

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

June 30, 2011

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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Project bid on April 28, 2004.

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

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

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

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

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Project bid on April 28, 2004.

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

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

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

**MASTER LISTING**

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

March 18, 2009

**BLS Series I. D.**

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

|       |  |    |                 |
|-------|--|----|-----------------|
| 45572 | 18" STEEL ENCASE. PIPE                       | LF | 101706          |
| 45582 | 24" STEEL ENCASE. PIPE                       | LF | 101706          |
| 45584 | 24" JACKED STEEL ENCASUREMENT PIPE           | LF | 101706          |
| 45592 | 30" STEEL ENCASE. PIPE                       | LF | 101706          |
| 50402 | SIGN POST STEEL 3"                           | LF | 101706          |
| 50404 | SIGN POST STEEL 4"                           | LF | 101706          |
| 50406 | SIGN POST STEEL 6"                           | LF | 101706          |
| 50410 | SIGN POST STEEL 10"                          | LF | 101706          |
| 50412 | SIGN POST STEEL 12"                          | LF | 101706          |
| 50414 | SIGN POST STEEL 14"                          | LF | 101706          |
| 50416 | SIGN POST STEEL 16"                          | LF | 101706          |
| 50418 | SIGN POST STEEL 18"                          | LF | 101706          |
| 51317 | SIG. POLE MP-1 20' ONE ARM 30'               | EA | 101706          |
| 51319 | SIG. POLE MP-1 20' ONE ARM 32'               | EA | 101706          |
| 51325 | SIG. POLE MP-1 20' ONE ARM 38'               | EA | 101706          |
| 51327 | SIG. POLE MP-1 20' ONE ARM 40'               | EA | 101706          |
| 51329 | SIG. POLE MP-1 20' ONE ARM 42'               | EA | 101706          |
| 51331 | SIG. POLE MP-1 20' ONE ARM 44'               | EA | 101706          |
| 51337 | SIG. POLE MP-1 20' ONE ARM 50'               | EA | 101706          |
| 51339 | SIG. POLE MP-1 20' ONE ARM 52'               | EA | 101706          |
| 51341 | SIG. POLE MP-1 20' ONE ARM 54'               | EA | 101706          |
| 51344 | SIG. POLE MP-1 20' ONE ARM 56'               | EA | 101706          |
| 51346 | SIG. POLE MP-1 20' ONE ARM 58'               | EA | 101706          |
| 51347 | SIG. POLE MP-1 20' ONE ARM 60'               | EA | 101706          |
| 51348 | SIG. POLE MP-1 20' ONE ARM 62'               | EA | 101706          |
| 51368 | SIG.POLE MP-1 20'TWO ARMS 36'& 42'           | EA | 101706          |
| 51400 | SIG.POLE MP-1 CO.LU.ONE ARM 38               | EA | 101706          |
| 51402 | SIG.POLE MP-1 CO.LU.ONE ARM 40               | EA | 101706          |
| 51408 | SIG.POLE MP-1 CO.LU.ONE ARM 46               | EA | 101706          |
| 51412 | SIG.POLE MP-1 CO.LU.ONE ARM 50               | EA | 101706          |
| 51414 | SIG.POLE MP-1 CO.LU.ONE ARM 52               | EA | 101706          |
| 51416 | SIG.POLE MP-1 CO.LU.ONE ARM 54               | EA | 101706          |
| 51418 | SIG.POLE MP-1 CO.LU.ONE ARM 56               | EA | 101706          |
| 51420 | SIG.POLE MP-1 CO.LU.ONE ARM 58               | EA | 101706          |
| 51422 | SIG.POLE MP-1 CO.LU.ONE ARM 60               | EA | 101706          |
| 55162 | LIGHTING POLE LP-1 30'-4'                    | EA | 101706          |
| 55163 | LIGHTING POLE LP-1 30'-6'                    | EA | 101706          |
| 55166 | LIGHTING POLE LP-1 30'-12'                   | EA | 101706          |
| 55169 | LIGHTING POLE LP-1 35'-6'                    | EA | 101706          |
| 55171 | LIGHTING POLE LP-1 35'-10'                   | EA | 101706          |
| 55176 | LIGHTING POLE LP-1 40'-8'                    | EA | 101706          |
| 55185 | LIGHTING POLE LP-2 TYPE A                    | EA | 101706          |
| 55186 | LIGHTING POLE LP-2 TYPE B                    | EA | 101706          |
| 55187 | LIGHTING POLE LP-2 TYPE C                    | EA | 101706          |
| 55188 | LIGHTING POLE LP-2 TYPE D                    | EA | 101706          |
| 55189 | LIGHTING POLE LP-2 TYPE E                    | EA | 101706          |
| 55190 | LIGHTING POLE LP-2 TYPE F                    | EA | 101706          |
| 55192 | LIGHTING POLE LP-2 TYPE H                    | EA | 101706          |
| 60452 | REINF. STEEL BRIDGE APPR. SLAB               | LB | 101704          |
| 61700 | REINF. STEEL                                 | LB | 101704          |
| 61704 | CORROSION RESISTANT REINF. STEEL             | LB | 101704          |
| 61705 | EPOXY COATED REINF. STEEL                    | LB | 101704          |
| 61750 | STRUCT.STEEL HIGH STRG.PLT.GIRDERS           | LB | avg. 1017 & 101 |
| 61811 | STR.STEEL PLATE GIRDER ASTM A709 GRADE50     | LB | avg. 1017 & 101 |
| 61812 | STR.STEEL PLATE GIRDER ASTM A709 GRADE50     | LB | avg. 1017 & 101 |
| 61813 | STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS50W | LB | avg. 1017 & 101 |

|       |  |    |                 |
|-------|--|----|-----------------|
| 61814 | STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS70W | LB | avg. 1017 & 101 |
| 61820 | STR.STEEL ROLLED BEAM ASTM A709 GRADE 36     | LB | avg. 1017 & 101 |
| 61821 | STR.STEEL ROLLED BEAM ASTM A709 GRADE50      | LB | avg. 1017 & 101 |
| 61822 | STR.STEEL ROLLED BEAM ASTM A709 GRADE50W     | LB | avg. 1017 & 101 |
| 61990 | STEEL GRID FLOOR                             | SF | avg. 1017 & 101 |
| 64110 | STEEL PILES 10"                              | LF | avg. 1017 & 101 |
| 64112 | STEEL PILES 12"                              | LF | avg. 1017 & 101 |
| 64114 | STEEL PILES 14"                              | LF | avg. 1017 & 101 |
| 64768 | DRIVING TEST FOR 12" STEEL PILE              | LF | avg. 1017 & 101 |
| 64778 | DRIVING TEST FOR 14" STEEL PILE              | LF | avg. 1017 & 101 |
| 65200 | REINF. STEEL                                 | LB | 101704          |
| 65204 | CORROSION RESISTANT REINF. STEEL             | LB | 101704          |
| 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: February 13, 2013

Signature: William G. Cox  
President and Attorney-In-Fact

Design-Builder: CK Constructors, A Joint Venture

Vendor No.: JV052



## 4.8.6 PROPOSAL GUARANTY

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE CK Constructors, a Joint Venture As principal, and Fidelity and Deposit Company of Maryland / Travelers Casualty and Surety Company of America / Zurich American Insurance Company Surety, are held and firmly bound unto the Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly by these presents.

SIGNED, sealed and dated this 13th Day of February, 2013

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

PROJECT NUMBER: 0095-100-722,1395-100-736; ID #C00096261DB50

I-395 HOV Ramp at Seminary Road From: Sanger Ave To: Seminary Road with I-395 NB Auxiliary Lane Extension From: Duke Street To: Sanger Ave

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.

CK Constructors, a Joint Venture

Fidelity and Deposit Company of Maryland / Travelers Casualty and Surety Company of America / Zurich American Insurance Company

By: [Signature]  
(Principal\*)  
(Officer, Partner or Owner) (Seal)  
William G. Cox,  
President and Attorney-in-Fact  
(Principal\*)

By: [Signature]  
(Surety Company)  
Patricia L. Lewis (Attorney-in-Fact\*\*) (Seal)  
1400 American Lane, Tower I, 18th Floor  
Schaumburg, IL 60196-1056  
(Address)

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

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

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

By: \_\_\_\_\_  
(Address)

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

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

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

\*\*Attach copy of Power of Attorney

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

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **Geoffrey Delisio, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Patricia L. Lewis, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 17th day of May, A.D. 2012.

ATTEST:

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



By: Gerald F. Haley  
Assistant Secretary  
Gerald F. Haley

Geoffrey Delisio  
Vice President  
Geoffrey Delisio

State of Maryland  
County of Baltimore

On this 17th day of May, A.D. 2012, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Geoffrey Delisio, Vice President and Gerald F. Haley, Assistant Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Constance A. Dunn

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



EXTRACT FROM BY-LAWS OF THE COMPANIES

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

CERTIFICATE

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

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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 13th day of February, 2013.



*Thomas O. McClellan*

Thomas O. McClellan, Vice President



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

Surety Bond No. Bid Bond

Principal: CK Constructors, a Joint Venture

OR

Project Description: I-395 HOV Ramp at Seminary Road From: Sanger Ave To: Seminary Road
with I-395 NB Auxiliary Lane Extension From: Duke Street To: Sanger Ave

Obligee: Commonwealth of Virginia, Department of Transportation

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, 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, are corporations duly organized under the laws of the State of Connecticut, 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 Patricia L. Lewis of the City of Richmond, State of VA, their true and lawful Attorney-in-Fact, to sign, execute, seal and acknowledge the surety bond(s) referenced above.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 10th day of September, 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]
Robert L. Raney, Senior Vice President

On this the 10th day of September, 2012, before me personally appeared Robert L. Raney, 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, 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 13th day of February, 2013.



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.

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

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **Geoffrey Delisio, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Patricia L. Lewis, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 17th day of May, A.D. 2012.

ATTEST:

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



By: Gerald F. Haley  
Assistant Secretary  
Gerald F. Haley

Geoffrey Delisio  
Vice President  
Geoffrey Delisio

State of Maryland  
County of Baltimore

On this 17th day of May, A.D. 2012, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Geoffrey Delisio, Vice President** and **Gerald F. Haley, Assistant Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Constance A. Dunn

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



EXTRACT FROM BY-LAWS OF THE COMPANIES

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

CERTIFICATE

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

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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 13th day of February, 2013.



*Thomas O. McClellan*

Thomas O. McClellan, Vice President



## 4.8.7 SWORN STATEMENT FORMS

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0395-100, 0395-100-736

FHWA: IM-5A01(362), NH-5A01(363), pending

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 Anne Arundel Co, Annapolis Jnt MD, this 13 day of February, 20 13  
County (City), STATE William G. Cox President and

CK Constructors, A Joint Venture By: [Signature] Attorney-In-Fact  
(Name of Firm) (Signature) Title (print)

STATE of Maryland COUNTY (CITY) of Anne Arundel / Annapolis Jnt

To-wit: Bonnie Hulme, a Notary Public in and for the State and

County(City) aforesaid, hereby certify that this day William G. Cox

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 13 day of February, 20 13  
[Signature] My Commission expires May 19, 2014  
Notary Public

**OR  
UNSWORN DECLARATION**

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

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

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

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT

PROJECT: 0395-100, 0395-100-736

FHWA: IM-5A01(362), NH-5A01(363), pending

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>Richmond, VA</u>          |
| <u>ARTBA</u> | <u>Washington, DC</u>        |
| <u>MTBMA</u> | <u>Glen Burnie, MD</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 Anne Arundel Co./Annapolis Jnt MD, this 13 day of February, 20 13  
County (City), STATE  
CK Constructors, A Joint Venture By: William G. Cox President and  
(Name of Firm) (Signature) Attorney-In-Fact  
STATE of Maryland COUNTY (CITY) of Anne Arundel Co / Annapolis Jnt

To-wit: Bonnie Hulme, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day William G. Cox

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 13th day of February, 20 13  
Bonnie Hulme My Commission expires May 19, 2014  
Notary Public



## 4.8.8 DBE REQUIREMENTS

4.8.8  
DBE  
REQUIREMENTS

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
MINIMUM DBE REQUIREMENTS

PROJECT NO. 0395-100, 0395-100-736

FHWA NO. IM-5A01(362), NH-5A01(363), pending

\*\*\* INSTRUCTIONS \*\*\*

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

DBE REQUIREMENT 20 %  
PERCENT ATTAINED BY BIDDER 20.02 %

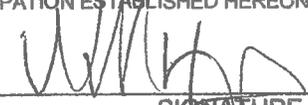
| NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED | USED AS SUBCONTR. (S) MFG. (M) SUPPLIER (SP) HAULER (H) | TYPE OF WORK AND ITEM NO(S) | \$ AMOUNT OF ALLOWABLE CREDIT PER ITEM |
|---|---|-----------------------------|--|
| <i>SEE ATTACHED SPREADSHEET FOR BREAKDOWN</i>       |   |                             |  |
|   |   |                             |  |
|   |   |                             |  |
|   |   |                             |  |

TOTAL \$ 11,907,380.00

TOTAL CONTRACT VALUE \$59,475,000.00 x REQUIRED DBE 20 % = \$11,895,000.00  
WGC 2/13/13  
~~\$11,907,380.00~~

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

CK Constructors, A Joint Venture  
BIDDER  
President and Attorney-In Fact  
TITLE

BY   
SIGNATURE  
William G. Cox  
BY February 13, 2013  
DATE

I-395 HOV Ramp at Seminary Road From: Sanger Ave To: Seminary Road  
 I-395 NB Auxiliary Lane Extension From: Duke Street To: Sanger Ave  
 State Project No. 0395-100-722, 0395-100-736  
 Federal Project No. : IM-5A01(362), NH 5A01(363), pending



Form C-111  
 Supplemental Form

Price Proposal "B"

AS-SUBMITTED BY: CK Constructors, a Joint Venture  
 C-111 Breakdown

Subcontr. (S), MFG. (M), Spplr. (SP), Hauler (H), Professional Svc. (PS)

| NAME AND CERTIFICATION NO. OF DBE(S) TO BE USED | Vendor No. | Used As | TYPE OF WORK                   | PERCENT OF WORK | ALLOWABLE AMOUNT |           |
|---|------------|---------|--------------------------------|-----------------|------------------|-----------|
|   |            |         |                                |                 | DBE No.          | AMOUNT    |
| Tavares Concrete Co. Inc                        | T131       | S       | Concrete Slipform and Flatwork | 100%            | \$               | 1,747,000 |
| J. D. Raffaldt, Inc.                            | R632       | S       | Metal Decking                  | 100%            | \$               | 178,180   |
| Seeram Enterprises, LLC                         | na         | H       | Hauling Services               | 100%            | \$               | 725,300   |
| JD LittleJohn, Inc                              | na         | H       | Hauling Services               | 100%            | \$               | 1,047,000 |
| Interlock Steelworkers, Inc                     | I039       | S       | F&I Reinforcing Steel          | 100%            | \$               | 2,874,200 |
| Morgan Oil Corp                                 | na         | SP      | Supply Fuel & Asphalt Cement   | 60%             | \$               | 1,222,600 |
| Nasir and Assoc, LLC                            | na         | SP      | Supply Concrete Products       | 60%             | \$               | 2,287,600 |
| Quinn Consulting Services, Inc                  | na         | PS      | Consulting Services            | 100%            | \$               | 700,000   |
| Sabra Wang & Assoc, Inc                         | na         | PS      | Engineering Services           | 100%            | \$               | 99,700    |
| Thomas L Brown Assoc, P.C.                      | na         | PS      | Engineering Services           | 100%            | \$               | 299,200   |
| Wiles Mensch Corp                               | na         | PS      | Engineering Services           | 100%            | \$               | 598,300   |
| DMY Engineering Consultants, LLC                | na         | PS      | Inspection & Testing Services  | 100%            | \$               | 128,300   |

Contract Total \$ 59,475,000.00

DBE Percentage Attained by Bidder 20.02% \$ 11,907,380

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

Project No.: 0395-100-722, 0395-100-736

Federal Project No.: IM-5A01 (362), NH-5A01 (363), pending

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 CK Constructors, A Joint Venture

By:   
Signature  
William G. Cox

President and  
Attorney-In-Fact  
Title

Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

TAVANES CONCRETE CO. INC.  
By:   
Signature  
Title  
VICE PRESIDENT

Date: 02-12-13

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

DBE Contractor

TAVANES CONCRETE Co. INC.

By: [Signature] Vice President  
Signature Title  
Date: 02-12-13

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

Project No.: 0395-100-722, 0395-100-736

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

Prime Contractor CK Constructors, A Joint Venture

By:   
Signature  
William G. Cox

President and  
Attorney-In-Fact  
Title

Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

J D Raffaldt, Inc.

By:   
Signature

President  
Title

Date: 8 February 2013

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor

J D Raffaldt, Inc.  
\_\_\_\_\_  
By: \_\_\_\_\_  
Signature Title  
Date: 8 February 2013

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

Project No.: 0395-100-722, 0395-100-736

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

Prime Contractor CK Constructors, A Joint Venture

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

  
Signature

William G. Cox

President and

Attorney-In-Fact

Title

Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

SEERAM ENTERPRISE LLC

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

  
Signature

CEO/OWNER

Title

Date: 02/05/2013

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

DBE Contractor

SEERAM ENTERPRISE LLC  
\_\_\_\_\_

By:   
Signature  
CEO/OWNER  
Title  
Date: 02/05/2013  
\_\_\_\_\_

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

Project No.: 0395-100-722, 0395-100-736

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

Prime Contractor CK Constructors, A Joint Venture

By:   
Signature  
William G. Cox

President and  
Attorney-In-Fact  
Title

Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

JD Littlejohn  
By: DBE SIGNATURE 2nd Page  
Signature Title

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

Second Tier  
Subcontractor if  
Applicable

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

Signature

\_\_\_\_\_ Title

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

Third Tier  
Subcontractor if  
Applicable

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

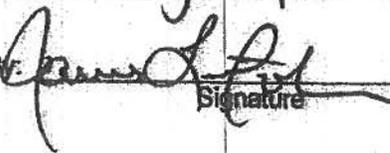
Signature

\_\_\_\_\_ Title

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

DBE Contractor

J. D. Littlejohn, Inc.

By:  Signature

President

Title

Date: 2/12/2013

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

Project No.: 0395-100-722, 0395-100-736

Federal Project No.: IM-5A01 (362), NH-5A01 (363), pending

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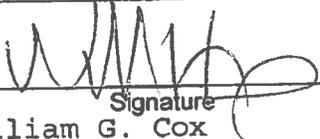
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TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER  
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor CK Constructors, A Joint Venture

By:   
Signature  
William G. Cox

President and  
Attorney-In-Fact  
Title  
Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

INTERLOCK STEELWORKERS INC.

By:   
Signature

ESTIMATOR  
Title  
Date: 2-12-13

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor

INTERLOCK STEELWORKERS INC.  
By: RPM  
Signature Title  
Date: 2-12-13.

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

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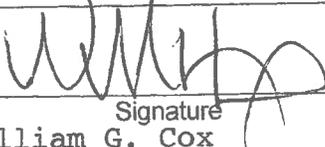
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor CK Constructors, A Joint Venture  
By:  President and Attorney-In-Fact  
Signature Title  
William G. Cox  
Date: February 13, 2013

First Tier Subcontractor if Applicable Morgan Oil Corp  
By:  CEO  
Signature Title  
Date: Feb 11, 2013

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: Feb 11, 2013

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

Project No.: 0395-100-722, 0395-100-736

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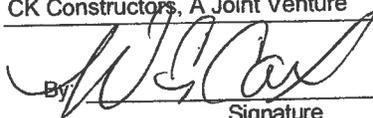
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Prime Contractor CK Constructors, A Joint Venture

By:   
Signature

William G. Cox

President and  
Attorney-In-Fact  
Title

Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

Nasir and Associates

By:   
Signature

CEO  
Title

Date: February 13, 2013

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor

Nasir & Associates

By: *Nauman Nasir* Signature \_\_\_\_\_ Title \_\_\_\_\_  
NAUMAN NASIR Date: February 13, 2013

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

Project No.: 0395-100-722, 0395-100-736

Federal Project No.: IM-5A01(362), NH-5A01(363), pending

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

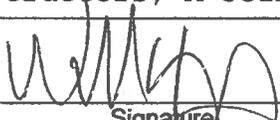
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It is further certified that the aforementioned mutually acceptable quote and fully executed subcontract agreement represent the entire agreement between the parties involved and that no conversations, verbal agreements, or other forms of non-written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

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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 CK Constructors, A Joint Venture  
By:  President and Attorney-In-Fact  
Signature Title  
William G. Cox Date: February 13, 2013

First Tier Subcontractor if Applicable Page 2 for DBE Signature Quinn Consulting  
By: \_\_\_\_\_ Signature Title \_\_\_\_\_  
Date: \_\_\_\_\_

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

DBE Contractor

Quinn Consulting Services Inc

By: Elizabeth J. Quinn  
Signature Title  
Date: 2/6/2013

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

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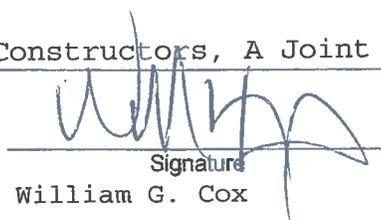
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor CK Constructors, A Joint Venture

By:

  
Signature  
William G. Cox

President and  
Attorney-In-Fact  
Title

Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

PARSONS BRINCKERHOFF, INC.

By:

  
Signature

ASSISTANT VICE PRESIDENT  
Title

Date: 02/07/2013

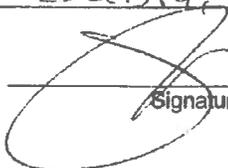
Second Tier  
Subcontractor if  
Applicable

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

Thrd Tier  
Subcontractor if  
Applicable

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

DBE Contractor

Sabra, Wang & Associates, Inc.  
By:  Signature ZIAD SABRA Title Principal  
Date: 2/7/2013

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

Project No.: 0395-100-722, 0395-100-736

Federal Project No.: IM-5A01(362), NH-5A01(363), pending

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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor CK Constructors, A Joint Venture

By:   
Signature  
William G. Cox  
President and  
Attorney-In-Fact  
Title  
Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable

  
Signature  
PARSONS BRINCKERHOFF, INC.  
ASSISTANT VICE PRESIDENT  
Title  
Date: 02/07/2013

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor THOMAS L. BROWN ASSOCIATES

By: J. Hande  
Signature VICE PRESIDENT Title  
Date: 2/7/2013

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
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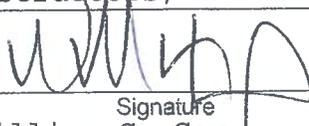
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Prime Contractor CK Constructors, A Joint Venture  
By:  President and  
Signature Attorney-In-Fact  
William G. Cox Title  
Date: February 13, 2013

First Tier  
Subcontractor if  
Applicable PARSONS BRINCKERHOFF, INC.  
By:  Assistant Vice President  
Signature Title  
Date: 02/07/2013

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

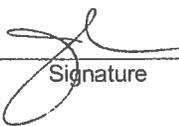
Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

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

DBE Contractor

Wiles Mensch Corporation  
\_\_\_\_\_

By:  \_\_\_\_\_  
Signature Title  
Date: 2-7-2013

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
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Prime Contractor CK Constructors, A Joint Venture  
By:  President and Attorney-in-Fact  
Signature Title  
William G. Cox Date: 2-13-2013

First Tier Subcontractor if Applicable Volkert, Inc.  
By:  Vice President  
Signature Title  
Date: 2/5/13

Second Tier  
Subcontractor if  
Applicable

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

Third Tier  
Subcontractor if  
Applicable

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

DBE Contractor DMY Engineering Consultants, LLC

By:  \_\_\_\_\_  
Signature Title  
Date: February 5, 2013