



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
PO BOX 778
DOVER, DELAWARE 19903

JACK MARKELL
GOVERNOR

JENNIFER COHAN
SECRETARY

VIA WEBSITE POSTING

(302) 760-2030
FAX (302) 739-2254

December 22, 2016

Contract No. T201607002
Design-Build Project for Statewide Pipe Replacements
Statewide

Ladies and Gentlemen:

Enclosed is Addendum No. 3 for the referenced contract consisting of the following:

1. The Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
2. One (1) page, Request for Proposals, page 3, paragraph 1.5.1 Anticipated Schedule, revised, to be substituted for the same form in the Proposal.
3. One (1) page, Request for Proposals, page 12, paragraph 3.5.5 Cost of Preparing Proposal, revised, to be substituted for the same page in the Proposal.
4. One (1) page, Request for Proposals, Appendix A, Technical Proposal Instructions, page 1, paragraph A1.0 General Instructions, revised, to be substituted for the same page in the Proposal.
5. One (1) page, Request for Proposals, Appendix A, Technical Proposal Instructions, page 11, Paragraph A7.0 Format and Organization of the Proposal, Table A-Outline for Submittal of the Technical Proposal, revised, to be substituted for the same page in the Proposal.
6. One (1) page, Request for Proposals, Part 3, Design Requirements, Appendix A Performance Specifications, Bridge Performance Specification, paragraph 3.0 Requirements, revised, to be substituted for the same page in the Proposal.
7. One (1) page, Request for Proposals, Part 3, Design Requirements, Appendix A Performance Specifications, paragraph 3.5 Traffic Management Plan (TMP), revised, to be substituted for the same page in the Proposal.
8. One (1) page, Request for Proposals, Part 3, Design Requirements, Appendix A Performance Specifications, paragraph 3.2 Bituminous Concrete Pavement Design Criteria, revised, to be substituted for the same page in the Proposal.
9. One (1) page, Request for Proposals, Part 3, Design Requirements, Appendix A Performance Specifications, Hydrology and Hydraulics Performance Specification, paragraph 3.0 Requirements, revised to be substituted for the same page in the Proposal.
10. One (1) page, Request for Proposals, Part 4, Special Provision , page 25 of the PDF Document, revised, to be substituted for the same page in the Proposal.

11. One (1) page, Request for Proposals, Part 1, Project Scope, Appendix A Project Site Locations, page 6 of the PDF Document, revised, to be substituted for the same page in the Proposal. Bridge 1178 282 has been deleted from this Proposal. All references to Bridge 1178 282 shall be ignored and all references to 31 locations in this Proposal is now changed to 30 locations.
12. Two (2) pages, Request for Proposals, Instructions to Proposers, Appendix C Proposal Forms, Forms PC2-Project Component 2 and PC3-Project Component 3, revised, to be substituted for the same page in the Proposal. All references to Bridge 1178 282 shall be ignored and all references to 31 locations in this Proposal is now changed to 30 locations.
13. A list of Approved Appraisers will be provided to Design-Build Teams upon request. Make your request through: dot-ask@state.de.us

Please note the revisions listed above and submit your bid based upon this information.

Sincerely,

~signature on file~

Robert A. Kovacs

Competitively Bid Contracts Coordinator

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

DESIGN-BUILD PROJECT
for
STATEWIDE PIPE REPLACEMENTS

State Contract T201607002

Federal Aid Contract EBROS-2016(26)

REQUEST FOR ~~QUALIFICATIONS PROPOSALS~~

- INSTRUCTIONS TO PROPOSERS -

Advertisement Date: October 31, 2016

**A MANDATORY PRE-PROPOSAL MEETING WILL BE HELD AT THE
DeIDOT ADMINISTRATION BUILDING, 800 BAY ROAD, DOVER, DELAWARE 19901 AT:
10:00 A.M. on NOVEMBER 15, 2016**

**Responses must be delivered to the Delaware Department of Transportation, Administration Building,
800 Bay Road, Dover, Delaware, 19901 Attention: Contract Administration, by dates shown in Section 1.5**



1.3 IMPROPER CONDUCT

1.3.1 Prohibited Activities

If the Proposer, or Person(s) representing the Proposer, offers or gives any advantage, gratuity, bonus, discount, bribe, or loan of any sort to the Department, including its agents or Person(s) representing the Department at any time during this procurement process, the Department shall immediately disqualify the Proposer; the Proposer shall forfeit its Proposal Security; the Proposer shall not be entitled to any payment, including any stipend; and the Department may sue the Proposer for damages.

1.3.2 Proposal Certification Form

The Proposer shall provide as part of the supporting information the Proposal Certification Form ([ITP Appendix C](#)). See also [ITP Appendix A](#).

1.4 LANGUAGE REQUIREMENT

All correspondence regarding the RFP, Proposal, and the Contract are to be in the English language. If any original documents required for the Proposal are in any other language, the Proposer shall provide an English translation, which shall take precedence in the event of conflict with the original language.

1.5 PROPOSAL SCHEDULE

1.5.1 Anticipated Schedule

The schedule is subject to change at the discretion of the Department. The following is the anticipated schedule:

Activity	Due Date
Issue Request For Proposals	October 31, 2016
Pre-Proposal Meeting with interested teams (mandatory)	November 15, 2016 10:00 A.M.
Individual Team Meetings (as requested by teams)	Week of December 12-16, 2016
Last Day to Submit Questions	January 3, 2017
Final Technical Proposal Due Date	January 10 24, 2017 2:00 P.M.
Final Cost Proposal Due Date	January 31 Feb 14, 2017 2:00 P.M.
Price Proposal Opening and Notice to Apparent Successful Proposer	February 2017
Award (on or about)	February March 2017
Final Execution (on or about)	March April 2017
Issue Notice-to-Proceed (on or about)	April May 2017



3.4 SIGNATURES REQUIRED

The Proposal Certification (see [ITP Appendix C](#)) and the Lump Sum Price Proposal Cover Sheet (Form PP, [ITP Appendix C](#) to this ITP) shall be signed by all parties or Person(s) constituting the Proposer (i.e., by authorized representatives of all JV members or general partners, if the Proposer is a JV or partnership). If any signatures are provided pursuant to a power of attorney, the original or a certified copy of the power of attorney shall be provided, together with evidence of authorization.

3.5 NUMBERS OF DOCUMENTS

3.5.1 Executive Summary

Eight copies of the Executive Summary shall be provided.

3.5.2 Proposal Security

One original of the Proposal Security (see [ITP Appendix C](#)) shall be provided, with three certified copies.

3.5.3 Technical Proposal

One original and seven certified copies of the Technical Proposal, including the Supplemental Selection Information, (see [ITP Appendix A](#)) shall be provided for each submission.

3.5.4 Lump Sum Price Proposal

One original and three certified copies of the lump sum Price Proposal, including any Supplemental Pricing Information, (see [ITP Appendix B](#)) shall be provided.

3.5.5 Cost of Preparing Proposal

The cost of preparing the Proposal and any costs incurred at any time before or during the Proposal process, including costs incurred for any interviews, shall be borne by the Proposer. Unsuccessful Proposers that receive a Pass rating for all the pass/fail criteria outlined in Section 6.1.1 will receive a stipend in the amount of \$30,000.00 upon award of the contract to the successful proposer.

3.5.6 Obligation to Award

The Department is under no obligation to award the Contract to the Proposer submitting the lowest priced Proposal, to award to the apparent successful Proposer, or to award the Contract at all.

3.5.7 Additional Submittals Prior to Contract Execution

In addition to the copies submitted pursuant to [Sections 3.5.3 and 3.5.4](#), the selected Proposer shall submit one original and three certified copies of the Technical Proposal (excluding Supplemental Selection Information) (see [ITP Appendix A](#)) and the Lump Sum Price Proposal (including Supplemental Pricing Information) (see [ITP Appendix B](#)) to the Department prior to execution for inclusion in the Contract.

3.6 RESOURCE AVAILABILITY

The Department is concerned that the resources in terms of people, equipment, Material, and supplies planned to be used on the Contract (if awarded to the Proposer) be available and not also be



A1.0 GENERAL INSTRUCTIONS

This [Appendix A](#) to the Instructions to Proposers (ITP) describes the specific instructions for preparing the Technical Proposals.

The Proposer shall submit the information required by this [Appendix A](#) in the organization and format specified herein.

Proposals shall be submitted in separate volumes (see Table A - Outline for Submittal of the Technical Proposal) containing the following information:

- A) Executive Summary and Summary Statement;
- B) Legal (Volume 1);
- C) Financial (Appendix A to Proposal);
- D) Technical Solutions (Volume 2);
- E) Key Personnel and Experience (Volume 3);
- F) Management Approach (Volume 4); and
- G) Appended Information (Appendix A).

All Proposal Information submitted in Volumes 1 through 4 will be used for evaluating the Proposals and determining the successful Proposer and will be incorporated into the Contract as Part 5 - Proposal Information. The Supplemental Selection Information (Executive Summary, Summary Statement, and information in Appendix A to the Technical Proposal) will be used for evaluating the Proposals and determining the successful Proposer but will not be incorporated into the Contract.

All forms named herein are found in [ITP Appendix C](#) unless otherwise noted.

Text shall be in English in a standard font, a minimum of 11 points in height, single-spaced. Pages shall be 8½ inch x 11 inch white paper, with simple lettered/numbered dividers for each section/subsection. Single-sided pages shall be used except for pre-printed information, such as corporate brochures. Drawings or sketches shall be submitted on 11 inch x 17 inch and/or 8 ½ inch x 11 inch white paper.

Proposed Baseline Schedule plot shall be in color on 11 inch x 17 inch paper folded and bound into the copies.

The Proposer shall number each page in each volume consecutively (i.e., 1-1, 1-2; 2-1, 2-2). The Proposer shall include page numbers centered at the bottom of each page.

Proposers should present information clearly and concisely. Documentation that is illegible may be rejected and may lead to disqualification.

The information shall be easily reproducible by normal black and white photocopying machines. Color photographs, renderings, and brochures shall be adequately bound and suitably protected for handling and circulation during review.

Volumes 2 through 4 are limited to a combined total of 15 pages, exclusive of tabs and divider pages, cover letters, calculations, specifications, schedule plots, and drawings or sketches. The Quality Plan [and required Forms outlined in Table A are](#) ~~is~~ also excluded from the page count.



Proposal Volume/Section Number	Volume/Section Title and Required Information	Reference
VOLUME 4	MANAGEMENT APPROACH INFORMATION	A6.0
Section 1	Project Component Description, Form SP	A6.2.1
Section 2	Organization	A6.2.2
Section 2.1	· Form C, Single Point of Contact	A6.2.2.1
Section 2.2	· Form CR, Commitment of Resources	A6.2.2.2
Section 2.3	· An organization chart showing the proposed design organization including design Key Personnel, named Subcontractors, QC personnel, and their responsibilities (pass/fail); · An organization chart(s) showing the proposed construction organization including construction Key Personnel, named Subcontractors and QC personnel, detailed responsibilities and organization of the construction staff (pass/fail);	A6.2.2.3
Section 3	PROJECT MANAGEMENT PLAN	A6.2.3
Section 3.1	Quality Plan Summary · Summary of Quality Plan; · Specified narrative; and · Coordination to ensure consistency and quality among firms.	A6.2.3.1
Section 3.2	Design Management · Specified narrative; · Summary of Design Review Plan; and	A6.2.3.2
Section 3.3	Construction Management · Construction approach to problem solving, coordination with design and Department staff.	A6.2.3.3
APPENDIX A	LEGAL, FINANCIAL, TECHNICAL SOLUTIONS, KEY PERSONNEL AND EXPERIENCE FOR APPENDIX A	
Section 1	LEGAL INFORMATION FOR APPENDIX A	A3.0
	· Notarized Powers of Attorney; · Proposal Certification; · Form OC, Legal Opinion; and · Organizational documents.	A3.3.1 A3.3.2 A3.3.3 A3.3.4
Section 2	FINANCIAL INFORMATION FOR APPENDIX A	A3.4
	· Letter of Commitment of Surety; and · Surety Financial Requirements	A3.4.2 A3.4.3
Section 3	KEY PERSONNEL AND EXPERIENCE INFORMATION FOR APPENDIX A	A5.0
	· Resumes of Key Personnel	A5.3

BRIDGE PERFORMANCE SPECIFICATION

1.0 INTRODUCTION

This Performance Specification specifies the minimum bridge design and loading requirements to be considered and addressed by the Design-Builder during the design development of the project.

20 STANDARDS AND REFERENCES

The design and construction of the Project elements in this section shall be in accordance with this Performance Specification and the relevant requirements of the following standards, unless otherwise stipulated in this Performance Specification. Standards and references specifically cited in the body of the Performance Specification establish requirements that have precedence over all others. All Standards and Specifications utilized by the Design-Builder shall be the most recent version available at the time of advertisement of the RFP, unless otherwise noted. Should the requirements in one standard conflict with those in another, the standard highest on the list shall govern.

21 STANDARDS

Specific codes and standards include, but are not limited to, the following listed in order of governing precedence.

2.1.1 Standards

- a) Delaware Department of Transportation "Bridge Design Manual," 2015
- b) 2014 AASHTO LRFD Bridge Design Specifications, 7th Edition
- c) Delaware Department of Transportation "Pedestrian Accessibility Standards for Facilities in the Public Right-of-Way", 2015
- d) Delaware Department of Transportation "Standard Specifications for Road and Bridge Construction" 2016
- e) Delaware Department of Transportation "Standard Construction Details" including revisions through the date of advertisement
- f) AASHTO Manual for Bridge Evaluation, 2nd Edition with Interims through 2015
- g) Delaware Department of Transportation Design Guidance Memorandums (DGM)
- h) AASHTO Roadside Design Guide, 2011

3.0 REQUIREMENTS

The Design-Builder shall provide structural design for each site in accordance with the design codes, standards and specifications listed in Section 2.1.

The Design-Builder shall use Service Level I Pipe Installations as defined in DGM 1-20 for any site that replaces existing corrugated metal pipes culverts with a new pipe culvert system. New pipe culverts shall be reinforced concrete pipe (RCP). The Department may consider the use of thermoplastic pipe (HDPE) or steel-reinforced thermoplastic pipe (SRPE) at locations where construction using RCP is not feasible.

Rehabilitation of the existing corrugated metal pipe culverts will only be considered for Bridges [2113B 113](#), [2303A 303](#), 1183 276, 1615 021, and 1616 021. Rehabilitation techniques must provide a structurally sound product assuming 100% loss of corrugated metal pipe culvert.

The Design-Builder shall prioritize site work based on condition as reported in the Bridge Inspection Reports included in [RFP – Part 3, Appendix I](#), except the following sites shall be given the highest priority and shall be designed and constructed first:

- a) 2066A 066 (BR 2-066A)

3.3 Temporary Traffic Controls

3.3.1 Temporary Signing

- a) Temporary signing for this Project shall include the design and installation of temporary traffic control signs consistent with the applicable cases outlined in the Delaware MUTCD.
- b) Temporary signing shall be shown on the construction phasing sheets in the plans.

3.3.2 Temporary Pavement Markings

- a) All temporary pavement markings shall be shown on the temporary traffic control plan (TTC) and in accordance with the Delaware MUTCD.
- b) Temporary pavement marking tape shall be used on all concrete surfaces.
- c) Temporary pavement markings on interim hot-mix courses, or prior to final pavement marking installation shall be the same configuration as final pavement markings.

3.3.3 Temporary Traffic Signals

- a) The Design-Builder shall provide temporary traffic signals if required.
- b) The Design-Builder shall perform all studies and prepare all design requests (DRs), as necessary, for placement of Temporary Traffic signals and present all information to the Department for review and written comment.

3.4 Lighting

- a) For existing lighting within any site's Project Limit, the maximum outage time for luminaire shall be 24 hours unless otherwise approved by the Administration.
- b) Any impacted existing roadway lighting shall be replaced by the Design-Builder.

3.5 Traffic Management Plan (TMP)

- a) The Design-Builder shall prepare a TMP for each site. All sites will require preparation of a Type A TMP with the exception of BR 1-615 and BR 1-616, which will require preparation of a Type B TMP.
- b) The work at several locations is subject to seasonal traffic restrictions as noted:

Location	Facility	Work Not Permitted
BR 1-183	McKenna's Church Rd	August 15 thru June 15
BR 1-615	Newport Gap Pike	As Determined By TMP B
BR 1-616	Newport Gap Pike	As Determined By TMP B
BR 2-066A	White Oak Rd	May 1 thru September 30
BR 3-317	SR 24 (Laurel Rd)	May 1 thru September 30
BR 3-913	SR 16 (Beach Hwy)	May 1 thru September 30
BR 3-914A	SR 16 (Beach Hwy)	May 1 thru September 30
BR 3-914	SR 16 (Beach Hwy)	May 1 thru September 30
<u>BR 3-441</u>	<u>SR 20 (Armory Road)</u>	<u>August 15 thru June 15</u>

3.7 Design Reviews

- a) Traffic plans (signal, lighting, signing, striping, temporary traffic control, and others included in this Performance Specification) shall be submitted for Review in accordance with [Contract Documents Part 2 – Section DB 111-8](#).

If the data shows the above tolerances are not met, the Design-Builder shall submit to the Department their proposed action to remedy the non-conforming joint for review and approval.

3.1.2 Smoothness

PCC Pavement may not have any deviations (high or low) greater than 0.25" in 10'.

3.2 BITUMINOUS CONCRETE PAVEMENT DESIGN CRITERIA

New and/or reconstructed bituminous pavement shall use materials meeting the Special Provision requirements contained in RFP Section 4, Special Provisions.

Graded aggregate shall be used for sub-base material and shall meet the requirements listed in Standard Specification 302007, GABC, Type B. The minimum final thickness at any location shall be 8".

~~There shall be a minimum of 5" of bituminous concrete included in the final pavement section for all sites.~~

The minimum thickness of Bituminous Concrete Type C at each location is ~~1.5"~~ 2".

Bituminous concrete may not have any deviations (high or low) greater than 0.25" in 10'.

The Design-Builder shall provide the structural and mix designs as specified for each site in RFP Section 3, Appendix C. Calculate the thickness of each pavement layer using the information below. Locations added after bid award will have the structural value calculated by DeIDOT.

Structural value calculated by: $SN < A_1T_1 + A_2T_2 + A_3T_3 + A_4T_4 + \dots + A_NT_N$

- $T_1, T_2, T_3, T_4 \dots T_N$ = Thickness in inches of each layer of material
- $A_1, A_2, A_3, A_4 \dots A_N$ = Structural Value of each material
- Acceptable materials for use and structural values per inch:

Material	Structural Value per inch (A_i)	Min Lift Thickness	Max Lift Thickness
Type C (9.5 mm)	0.4	1.25	2
Type B*	0.4	2.25	4
BCBC	0.32	3	6
GABC	0.14	— <u>4</u>	8

* If Design-Builder chooses to substitute Type B mix for BCBC the material may be placed in the same thicknesses as BCBC. The Design-Builder is still required to meet all compaction requirements.

3.4 DESIGN REVIEWS

Pavement designs shall be submitted for Review in accordance with [Contract Documents Part 2 – Section DB 111-8](#).

HYDROLOGY AND HYDRAULICS PERFORMANCE SPECIFICATION

1.0 INTRODUCTION

This Performance Specification specifies the minimum hydrology and hydraulic requirements to be considered and addressed by the Design-Builder during the design development of the project.

2.0 STANDARDS AND REFERENCES

The design and construction of the Project elements in this section shall be in accordance with this Performance Specification and the relevant requirements of the following standards, unless otherwise stipulated in this Performance Specification. Standards and references specifically cited in the body of the Performance Specification establish requirements that have precedence over all others. All Standards and Specifications utilized by the Design-Builder shall be the most recent version available at the time of advertisement of the RFP. Should the requirements in one standard conflict with those in another, the standard highest on the list shall govern.

2.1 STANDARDS

Specific codes and standards include, but are not limited to, the following listed in order of governing precedence.

2.1.1 Design

- a) Delaware Department of Transportation “Bridge Design Manual,” 2015;
- b) AASHTO LRFD Bridge Design Specifications, 7th Edition
- c) AASHTO Manual for Bridge Evaluation, 2nd Edition with interims through 2015.
- d) Delaware Department of Transportation Design Guidance Memorandums

2.1.2 Specifications

- a) Delaware Department of Transportation “Standard Specifications for Road and Bridge Construction” 2016
- b) Delaware Department of Transportation “Standard Construction Details” including revisions through the date of advertisement

2.1.3 References

- a) FHWA, 2006, HEC-14, “Hydraulic Design of Energy Dissipators for Culverts and Channels”, Third Edition, FHWA-NHI-06-086
- b) FHWA, 2012a, HDS-5, “Hydraulic Design of Highway Culverts”, Third Addition, FHWA-12-026 April
- c) USACE, 2001, “River Analysis System, HEC-RAS, User’s Manual”, Version 3.0, Hydrologic Engineering Center, Davis, CA.
- d) USACE, 2010, “HEC-RAS River Analysis System Hydraulic Reference Manual”
- e) USGS, 2006, “Magnitude and Frequency of Floods on Nontidal Streams in Delaware”, Scientific Investigations Report 2006-5146

3.0 REQUIREMENTS

The Design-Builder shall provide hydrologic ~~analysis~~ and hydraulic ~~design~~ analyses for each site in accordance with the design codes, standards and specifications listed in Section 2.1. In addition, headwater upstream of proposed culvert for 100-year design discharge cannot increase in elevation for locations in New Castle County and cannot increase more than 1.0 foot for locations in Kent and Sussex County.

The Design-Builder shall prepare a Hydrologic and Hydraulic Report for each site.

The Design-Builder shall perform a hydrologic analysis at each site using the “Delaware Regression

Shear Bond ASTM C-882	2,100 psi
Modulus of Elasticity ASTM C-469 28 days	min. 3.56×10^6 psi Not to exceed 5.0×10^6 psi
Chloride Ion Penetration	Less than 75 Coulombs
Freeze Thaw ASTM C-666	300 Cycle Pass

WALL THICKNESS DESIGN

- A. The wall thickness design shall be based upon the compressive and bending strength of the liner material. The design loading shall be the sum of any changes in the cover depth after the liner's installation and the appropriate ~~highway truck~~ **AASHTO HL-93** loading for the culvert pipe taking into account the type of soil used for the road's fill and the type of pavement structure (rigid or flexible). The calculated minimum finished thickness of the liner shall be based on a maximum possible crack width of 0.0625- inches with a factor of safety of 2.0.
- B. The Liner thickness shall be applied to the thickness specified by the engineer but at no point shall it be less than the required minimum of $1\frac{1}{2}$ -inch. For structural plate culvert materials, the cover over the projecting bolts shall be a minimum of $\frac{1}{2}$ -inch, ~~making the minimum applied thickness for these culverts 1.0 inch.~~ This thickness is to be measured from the I.D. of the pipe, or top of the inward corrugation's crest. . As Per ASTM A979 this thickness is to be measured from the I.D. of the pipe, or top of the inward corrugation's crest. No more than $\frac{1}{2}$ shall be applied in a single pass.

Construction:

- A. Safety: The Contractor shall carry out his operations in strict accordance with all applicable OSHA standards. Particular attention is drawn to those safety requirements involving entering confined spaces.
- B. Flow Control: The Contractor, when required, shall provide for the flow of water around the culvert where the rehabilitation is located. The bypass shall be made by damming the line at the upstream end and diverting the flow into an adjacent pipe barrel or by pumping.
- C. TV Inspection: Inspection of pipelines shall be performed by experienced personnel trained in locating breaks and obstacles by closed-circuit television. The interior of the pipeline shall be carefully inspected to determine the location of any conditions which may prevent proper installation, and it shall be noted so that these conditions can be corrected. A videotape and suitable log shall be kept for later reference by the owner.
- D. Obstruction Removal: It shall be the responsibility of the Contractor to clear the line of obstructions such as solids, dropped joints, roots or collapsed pipe that will prevent installation of the liner. If an internal inspection reveals an obstruction that cannot be removed by conventional cleaning equipment, then the Contractor shall notify the Project Engineer. The Project Engineer may delete the work, or

Corrugated Metal Pipe Locations				
Bridge ID	Road Facility	Bridge Atlas #	Feature Intersected	Roadway Functional Classification
1178 282	MILL CREEK RD.	11	TRIB. OF MILL CREEK	Urban Collector
1183 276	MCKENNAN'S CHURCH	12	HYDE RUN	Urban Min. Arterial
1420 461	MARYLAND LINE RD.	16	TRIB OF SASSAFRAS RIVER	Rural Local
1449 456	UNION CHURCH RD.	17	TRIB. TO BLACKBIRD CREEK	Rural Local
1454 465	EAGLES NEST LNDG RD.	17	SAW MILL BRANCH	Rural Local
1455 466	DEER RUN RD.	17	SAW MILL BRANCH	Rural Local
1615 021	NEWPORT GAP PIKE	12	HYDE RUN	Urban Prin. Arterial
1616 021	NEWPORT GAP PIKE	12	HYDE RUN	Urban Prin. Arterial
2066A 066	WHITE OAK RD.	21	LITTLE RIVER	Urban Local
2113B 113	CATTAIL BRANCH RD.	27	SAULSBURY CREEK	Rural Local
2303A 303	HIGH STUMP RD.	27	CATTAIL BRANCH	Rural Local
2371B 371	BARRATTS CHAPEL RD.	25	TRIB. TO MCGINNIS POND	Urban Collector
2384C 384	KILLENS POND RD.	25	BROWNS BRANCH	Rural Local
2442A 442	ABBOTTS POND RD.	29	TANTROUGH BRANCH	Rural Local
3132 565	SUNNYSIDE RD.	34	GUM BRANCH	Rural Local
3139 597	TUCKERS RD.	35	WEST BRANCH	Rural Local
3236 046	ELKS RD.	34	TRIB. TO HEARNS POND	Rural Local
3317 024	SR 24 / LAUREL RD.	41	TRIB. TO TRAP POND	Rural Maj. Collector
3323 447	JOHNSON RD.	41	WILEYS POND	Rural Local
3335 515	BACONS RD.	40	MEADOW BRANCH	Rural Local
3441 382	ARMORY RD.	43	HERRING BRANCH	Rural Maj. Collector
3564 413	FIREMANS RD.	42	GUM BRANCH	Rural Local
3576 064	WHITESVILLE RD.	41	NORTH FORK GREEN RUN	Rural Maj. Collector
3626 608	ELLEDALE FOREST RD.	29	MAPLE MARSH/BEAVER DAM BRANCH	Rural Local
3627 606	SAMMONS RD.	35	MAPLE MARSH/BEAVER DAM BRANCH	Rural Local
3630 593	MAPLE BRANCH RD.	35	MAPLE MARSH /BEAVER DAM BRANCH	Rural Local
3681 318	CEDAR LANE	36	ELI WALLS DITCH	Rural Local
3913 016	BEACH HGWY / SR16	29	WEST BRANCH	Rural Maj. Collector
3914 016	BEACH HGWY / SR16	29	STALLION HEAD BRANCH	Rural Maj. Collector
3914A 016	BEACH HGWY / SR16	29	STALLION HEAD BRANCH	Rural Maj. Collector
3923 224	FLEATOWN RD.	30	SWIGGETS POND	Rural Local

FORMPC2 – Project Component 2

Project Component 2 DESIGN

Location	Bridge ID	Lump Sum Price (Enter Lump Sum Price for Each Bridge ID)
1	BR 1178 282	<u>Do Not Include</u>
2	BR 1183 276	
3	BR 1420 461	
4	BR 1449 456	
5	BR 1454 465	
6	BR 1455 466	
7	BR 1615 021	
8	BR 1616 021	
9	BR 2066A 066	
10	BR 2113B 113	
11	BR 2303A 303	
12	BR 2371B 371	
13	BR 2384C 384	
14	BR 2442A 442	
15	BR 3132 565	
16	BR 3139 597	
17	BR 3236 046	

FORMPC3 – Project Component 3

Project Component3 CONSTRUCTION

Location	Bridge ID	Lump Sum Price (Enter Lump Sum Price for Each Bridge ID)
1	BR 1178 282	<u>Do Not Include</u>
2	BR 1183 276	
3	BR 1420 461	
4	BR 1449 456	
5	BR 1454 465	
6	BR 1455 466	
7	BR 1615 021	
8	BR 1616 021	
9	BR 2066A 066	
10	BR 2113B 113	
11	BR 2303A 303	
12	BR 2371B 371	
13	BR 2384C 384	
14	BR 2442A 442	
15	BR 3132 565	
16	BR 3139 597	
17	BR 3236 046	