

# National Capital Region Transportation Planning Board

777 North Capitol Street, N.E., Suite 300, Washington, D.C. 20002-4290 (202) 962-3310 Fax: (202) 962-3202 TDD: (202) 962-3213

Item #5

## MEMORANDUM

April 11, 2013

To: Transportation Planning Board

From: Ronald F. Kirby *RKC*  
Director, Department of  
Transportation Planning

Re: Steering Committee Actions

At its meeting on April 5, 2013, the TPB Steering Committee approved the following resolutions:

- SR18-2013: Resolution on an amendment to the FY 2013- 2018 Transportation Improvement Program (TIP) that is exempt from the air quality conformity requirement to add funding for right-of-way acquisition for the MD 4/Suitland Parkway interchange, as requested by the Maryland Department Of Transportation (MDOT)
- SR19-2013: Resolution on an amendment to the FY 2013- 2018 Transportation Improvement Program (TIP) that is exempt from the air quality conformity requirement to add funding for preliminary engineering for the widening of southbound I-395 between Duke Street and Edsall Road and for right-of-way acquisition and construction of an interchange at VA 7 and Belmont Ridge Road, as requested by the Virginia Department Of Transportation (VDOT)
- SR20-2013: Resolution on an amendment to the FY 2013- 2018 Transportation Improvement Program (TIP) that is exempt from the air quality conformity requirement to add funding for repairs to the East Capitol Street Bridge over the Anacostia River and to update funding and project information for the Bridge Design Consultant Services project, as requested by the District Department Of Transportation (DDOT)

The TPB Bylaws provide that the Steering Committee “shall have the full authority to approve non-regionally significant items, and in such cases it shall advise the TPB of its action.”



**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD  
777 North Capitol Street, N.E.  
Washington, D.C. 20002**

**RESOLUTION ON AN AMENDMENT TO THE FY 2013-2018 TRANSPORTATION  
IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY  
CONFORMITY REQUIREMENT TO ADD FUNDING FOR RIGHT-OF-WAY  
ACQUISITION FOR THE MD 4/SUITLAND PARKWAY INTERCHANGE, AS  
REQUESTED BY THE MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

**WHEREAS**, the TIP is required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

**WHEREAS**, on July 18, 2012 the TPB adopted the FY 2013-2018 TIP; and

**WHEREAS**, in the attached letter of March 28, 2013, MDOT has requested an amendment to the FY 2013-2018 TIP to add \$2 million in High Priority Project (HPP) funding to FY 2014 for right-of-way acquisition for the MD 4/Suitland Parkway Interchange project, as described in the attached materials; and

**WHEREAS**, this project is already included in the air quality conformity analysis of the 2012 CLRP and FY 2013-2018 TIP;

**NOW, THEREFORE, BE IT RESOLVED THAT** the Steering Committee of the National Capital Region Transportation Planning Board amends the FY 2013-2018 TIP to add \$2 million in HPP funding to FY 2014 for right-of-way acquisition for the MD 4/Suitland Parkway Interchange project, as described in the attached materials.

**Adopted by the Transportation Planning Board Steering Committee at its regular meeting on April 5, 2013.**





**Maryland Department of Transportation**  
The Secretary's Office

**Martin O'Malley**  
Governor

**Anthony G. Brown**  
Lt. Governor

**Darrell B. Mobley**  
Acting Secretary

**Leif A. Dormsjo**  
Acting Deputy Secretary

March 28, 2013

The Honorable Scott York, Chair  
National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington DC 20002

Dear Chairman York:

The Maryland Department of Transportation (MDOT) requests an amendment to the State Highway Administration (SHA) portion of the FY 2013-2018 Transportation Improvement Program (TIP) as described in the attached memo. The amendment is needed to reflect the addition of \$2 million for the right-of-way phase for the MD 4/Suitland Parkway Interchange. These funds have been made available through Section 1702 of SAFETEA-LU, the High Priority Projects Program (HPP). This project is included in the currently approved air quality conformity analysis. The amendment details are summarized below and in the attached memo.

TIP ID#	Project	Phase	Amount of New Funding
3547	MD 4/Suitland Parkway Interchange	RW	\$2,000,000

MDOT requests that this amendment be approved by the Transportation Planning Board (TPB) Steering Committee at its April 5, 2013 meeting.

The revised funding status will not impact scheduling or funding availability for other projects in the current TIP, which continues to be fiscally constrained. The cost does not affect the portion of the federal funding which was programmed for transit, or any allocations of state aid in lieu of federal aid to local jurisdictions.

We appreciate your cooperation in this matter. If you have any questions or comments, please do not hesitate to contact Ms. Lyn Erickson, at 410-865-1279, toll-free at 888-713-1414 or via email at [lerickson@mdot.state.md.us](mailto:lerickson@mdot.state.md.us). Of course, please feel free to contact me directly. Thank you.

Sincerely,

Michael W. Nixon, Manager  
Office of Planning and Capital Programming

My telephone number is \_\_\_\_\_  
Toll Free Number 1-888-713-1414 TTY Users Call Via MD Relay  
7201 Corporate Center Drive, Hanover, Maryland 21076

The Honorable Scott York  
Page Two

Attachment

cc: Ms. Mary Deitz, Chief, Regional and Intermodal Planning Division, SHA  
Ms. Lyn Erickson, Manager, Office of Planning and Capital Programming,  
Maryland Department of Transportation  
Ms. Heather Murphy, Deputy Director, Office of Planning and Capital Programming  
Maryland Department of Transportation



Martin O'Malley, Governor  
Anthony G. Brown, Lt. Governor

Darrell B. Mobley, Acting Secretary  
Melinda B. Peters, Administrator

MARYLAND DEPARTMENT OF TRANSPORTATION

**MEMORANDUM**

**TO:** Mr. Don Halligan, Director  
Office of Planning and Capital Programming, MDOT

**ATTN:** Mr. Mike Nixon, MDOT  
Ms. Lyn Erikson, MDOT

**FROM:** Mary Deitz, Chief *MD*  
Regional and Intermodal Planning Division

**DATE:** March 27, 2013

**SUBJECT:** Amendment to the Fiscal Year 2013 Transportation Improvement Program (TIP) for the National Capital Region  
MD 4/Suitland Parkway Interchange

Attached is an amendment for inclusion in the FY 2013 National Capital Region Transportation Improvement Program (TIP). The amendment outlined below is needed to reflect the addition of \$2 million in protective right-of-way for the MD 4/Suitland Parkway Interchange project. The funds will be used to purchase the Fort Foote property, which is needed to mitigate impacts to National Park Service property associated with the project. These funds have been made available through Section 1702 of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the High Priority Projects Program (HPP).

TIP ID #	Project	Phase	Amount of New Funding
3547	MD 4/Suitland Parkway Interchange	RW	\$2,000,000

After your review, please forward this request to the Washington Metropolitan Council of Governments. Upon approval of the requested TIP amendment, please process an amendment to the FY 2013 STIP using the funding information provided in the attachment. If you have any questions, please do not hesitate to contact me or Vaughn Lewis, Regional Planner, State Highway Administration (SHA) at 410-545-5673 or via email at vlewis@sha.state.md.us.

Attachment

cc: Mr. Vaughn Lewis, Regional Planner, SHA

My telephone number/toll-free number is 410-545-5675/1-888-204-4828  
Maryland Relay Service for Impaired Hearing or Speech 1.800.735.2258 Statewide Toll Free

Street Address: 707 North Calvert Street • Baltimore, Maryland 21202 • Phone 410.545.0300 • www.roads.maryland.gov

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Source Total
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**MDOT/State Highway Administration**

**Primary**

**MD 4, Pennsylvania Avenue**

TIP ID: **3547**    Agency ID: **PG6181**    Title: **Suitland Parkway Interchange**    Complete: **2016**

Facility: MD 4 Pennsylvania Avenue Interchange	HPP	80/20/0				2,000 b			2,000
From: Suitland Parkway	NHS	80/20/0	585 b	400 a	9 a				409
To:			3,210 a						

**Total Funds: 2,409**

Description: This project will replace the at-grade intersection at Suitland Parkway with a grade-separated interchange, and widen MD 4 to a 6 lane freeway.



**Amendment: Additional Right-of-Way Funding for MD 4/Suitland Parkway Interchange**    Requested on: 4/5/2013  
 Amendment to add \$2,000,000 in HPP funds for the purchase of the Fort Foote Road Property for mitigation for National Park Service Property and for right-of-way for the MD 4/Suitland Parkway Interchange project (\$2,000,000 in FY14).



**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD  
777 North Capitol Street, N.E.  
Washington, D.C. 20002**

**RESOLUTION ON AN AMENDMENT TO THE FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO ADD FUNDING FOR PRELIMINARY ENGINEERING FOR THE WIDENING OF SOUTHBOUND I-395 BETWEEN DUKE STREET AND EDSALL ROAD AND FOR RIGHT-OF-WAY ACQUISITION AND CONSTRUCTION OF AN INTERCHANGE AT VA 7 AND BELMONT RIDGE ROAD, AS REQUESTED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

**WHEREAS**, the TIP is required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

**WHEREAS**, on July 18, 2012 the TPB adopted the FY 2013-2018 TIP; and

**WHEREAS**, in the attached letter of March 27, 2013, VDOT has requested an amendment to the FY 2013-2018 TIP to include \$1.075 million in Highway Safety Improvement Program (HSIP) and matching funds and \$1.075 million in Advanced Construction (AC) funding to FY 2013 for preliminary engineering for the construction of a 4<sup>th</sup> southbound lane on I-395 between Duke Street and Edsall Road, and to include \$495,000 in Surface Transportation Program (STP) and matching funds in FY 2013, \$13.305 million and \$51.2 million in AC funding in FY 2013 and FY 2015 respectively for right-of-way acquisition and construction of an interchange at VA Route 7 and Belmont Ridge Road (VA 659), as described in the attached materials; and

**WHEREAS**, these projects are already included in the air quality conformity analysis of the 2012 CLRP and FY 2013-2018 TIP or are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency (EPA) regulations "40 CFR Parts 51 and 93 Transportation Conformity Rule Amendments: Flexibility and Streamlining; Final Rule," issued in the May 6, 2005, *Federal Register*,

**NOW, THEREFORE, BE IT RESOLVED THAT** the Steering Committee of the National Capital Region Transportation Planning Board amends the FY 2013-2018 TIP to include \$1.075 million in HSIP and matching funds and \$1.075 million in AC funding to FY 2013 for preliminary engineering for the construction of a 4<sup>th</sup> southbound lane on I-395 between Duke Street and Edsall Road, and to include \$495,000 in STP and matching funds in FY 2013, \$13.305 million and \$51.2 million in AC funding in FY 2013 and FY 2015 respectively for right-of-way acquisition and construction of an interchange at VA Route 7 and Belmont Ridge Road (VA 659), as described in the attached materials.

**Adopted by the Transportation Planning Board Steering Committee at its regular meeting on April 5, 2013.**



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive  
Fairfax, VA 22030

GREGORY A. WHIRLEY  
COMMISSIONER

March 27, 2013

The Honorable Scott York, Chairman  
National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington, DC 20002-4201

RE: National Capital Region FY 2013-2018 Transportation Improvement Program Amendment

Dear Chairman York:

The Virginia Department of Transportation requests amending the FY 2013-2018 Transportation Improvement Program (TIP) for the following two projects.

The first project is to provide funds for the Preliminary Engineering (PE) phase of the construction of the 4th southbound lane on I-395 between north of Duke Street to south of Edsall Road (**UPC# 103316**). The proposed amendment adds \$2.15M in new funding for the PE phase of the project in FY13. The proposed addition to the TIP does not affect the federally approved air quality conformity analysis since the PE phase of a project is exempt from such analysis.

The second project is to provide funds for the right-of-way and construction Phases for the construction of an interchange at Route 7 and Belmont Ridge Road (Rte 659) (**UPC# 99481**). The proposed amendment adds \$13.7 M in funding for the RW phase in FY 13 and adds \$51.2 M for the CN phase in FY15. The proposed addition to the TIP is part of the federally approved air quality conformity analysis for the Metropolitan Washington Region.

The funding proposed in this TIP amendment has been approved by the Commonwealth Transportation Board (CTB) as part of its FY 2013-2018 Six Year Improvement Program. The new funds proposed in the amendment were part of the total federal funding included in VDOT's financial plan for the 2013 CLRP update

VDOT requests that this TIP Amendment be considered and acted upon by the Transportation Planning Board's Steering Committee at its meeting on April 5, 2013. VDOT's representative will attend the meeting and be available to answer any questions about the amendment. Please find attached a TIP Amendment spreadsheet outlining the funding for both projects.

Thank you for your consideration of this request.

Sincerely,

A handwritten signature in black ink that reads "Renée N. Hamilton". The signature is written in a cursive style with a long horizontal flourish at the end.

Renée Hamilton  
Assistant. District Administrator  
Planning and Investment Management  
Northern Virginia District

cc: Ms. Diane Mitchell, VDOT  
Mr. Farid Bigdeli, VDOT - NoVA  
Mr. Tom Fahrney VDOT - NoVA  
Mr. Kanathur Srikanth VDOT - NoVA

NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)

TIP Amendment - 4/17/2013

New Funding in **BOLD**

VDOT-Interstate	Agency ID: UPC# 103316	Phase	Previous Funding	Funding Source	Funding Shares		FY11	FY12	FY13	FY14	FY15	FY16	Source Total
					Fed	State							
	I-395	PE		HSIP	90%	10%	\$0	\$0	\$1,075	\$0	\$0	\$0	\$1,075
	North of Duke Street	PE		AC (Other)	100%	0%	\$0	\$0	\$1,075	\$0	\$0	\$0	\$1,075
	South of Edsall Rd				0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Funds:</b>													<b>\$2,150.00</b>
Description: The project involves the construction of the 4th Southbound lane of I-395 north of Duke Street to South of Edsall Road.													
Jurisdiction: Fairfax County													
Amendment: The Amendment adds \$ 967,500 in HSIP funds & \$1,075,000 AC-Other funds in FY13 PE phase.													
Air Quality The project is for the PE phase only and is exempt from the the Air Quality Conformity Analysis for the Metropolitan Washington Region.													
<b>VDOT-Primary</b>													
	Agency ID: UPC# 99481												
	Rte 7/Belmont Ridge Rd Inter.	RW		Fed-STP	80%	20%	\$0	\$0	\$495	\$0	\$0	\$0	\$495
	1.0 mi. west of Rte 659	RW		Fed-AC	100%	0%	\$0	\$0	\$13,305	\$0	\$0	\$0	\$13,305
	0.5 mi. east Rte 659	CN		Fed-AC	100%	0%	\$0	\$0	\$0	\$0	\$51,200	\$0	\$51,200
<b>Total Funds:</b>													<b>\$65,000.00</b>
Description: The project involves the construction of an Interchange at Route 659 (Belmont Ridge Road) and Route 7.													
Jurisdiction: Loudoun County													
Amendment: The TIP Amendment adds \$396,000 STP, \$13,305,022 AC-BR RW Phase FY13; adds \$33,616,775 AC-Other & \$17,583,203 AC-BR FFY15 Cn phase.													
Air Quality The project is included in the the Air Quality Conformity Analysis for the Metropolitan Washington Region.													



**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD  
777 North Capitol Street, N.E.  
Washington, D.C. 20002**

**RESOLUTION ON AN AMENDMENT TO THE FY 2013-2018 TRANSPORTATION  
IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY  
CONFORMITY REQUIREMENT TO ADD FUNDING FOR REPAIRS TO THE EAST  
CAPITOL STREET BRIDGE OVER THE ANACOSTIA RIVER AND TO UPDATE  
FUNDING AND PROJECT INFORMATION FOR THE BRIDGE DESIGN  
CONSULTANT SERVICES PROJECT, AS REQUESTED BY THE  
DISTRICT DEPARTMENT OF TRANSPORTATION (DDOT)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

**WHEREAS**, the TIP is required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

**WHEREAS**, on July 18, 2012 the TPB adopted the FY 2013-2018 TIP; and

**WHEREAS**, in the attached letter of March 29, 2013, DDOT has requested an amendment to the FY 2013-2018 TIP to include \$2 million in FY 2013 and \$16 million in FY 2014 using Bridge Replacement and Rehabilitation Program (BRR) funding for design and reparative construction of the East Capitol St. Bridge over Anacostia River, BR. #233, and to update the project information for the Bridge Design Consultant Services project to include Citywide Engineering Service for Structures and Bridges and to add \$3 million in High Priority Project (HPP) funding between FY 2013 and FY 2015, as described in the attached materials; and

**WHEREAS**, these projects are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency (EPA) regulations "40 CFR Parts 51 and 93 Transportation Conformity Rule Amendments: Flexibility and Streamlining; Final Rule," issued in the May 6, 2005, *Federal Register*;

**NOW, THEREFORE, BE IT RESOLVED THAT** the Steering Committee of the National Capital Region Transportation Planning Board amends the FY 2013-2018 TIP to include \$2 million in FY 2013 and \$16 million in FY 2014 using BRR funding for design and reparative construction of the East Capitol St. Bridge over Anacostia River, BR. #233, and to update the project information for the Bridge Design Consultant Services project to include Citywide Engineering Service for Structures and Bridges and to add \$3 million in HPP funding between FY 2013 and FY 2015, as described in the attached materials.

**Adopted by the Transportation Planning Board Steering Committee at its regular meeting on April 5, 2013.**





**GOVERNMENT OF THE DISTRICT OF COLUMBIA**  
**DEPARTMENT OF TRANSPORTATION**



**d. Policy, Planning, Sustainability Administration**

March 29, 2013

The Honorable Scott York, Chairperson  
National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street N.E., Suite 300  
Washington, DC 20002-4290

Dear Chairman York,

The District Department of Transportation (DDOT) requests that the FY 2013-2018 Transportation Improvement Program (TIP) be amended to include the East Capitol St. Bridge Over Anacostia River, BR. #233, and to update funding and project information for the Bridge Design Consultant Services project, TIP ID: 3202 referenced on page D-10 in the FY 2013-2018 TIP.

The East Capitol St. Bridge over Anacostia River, BR. #233 was previously included in the FY 2011-2016 TIP. DDOT is requesting that it be reinstated into the FY 2013-2018 TIP. The proposed amendment would add \$2,000,000 in FY 2013 for Design and \$16,000,000 for Construction in FY 2014 using BR funding source. This project is for design and construction of bridge repairs.

The proposed amendment to the Bridge Design Consultant Services project, TIP ID# 3202, will modify the project description to include Citywide Engineering Service for Structures and Bridges that will provide engineering services, for designing bridges and other structures. The funding will be updated to add \$1,000,000 in FY 2013, \$1,000,000 in FY 2014, and \$1,000,000 in FY 2015, funding source NHPP for Preliminary Engineering final design.

These projects do not add additional capacity for motorized vehicles and do not require conformity analysis or public review and comment. The funding sources have been identified, and the TIP will remain fiscally constrained. Therefore, DDOT requests that the TPB Steering Committee approve this amendment at its April 5, 2013 meeting.

We appreciate your cooperation in this matter. Should you have questions regarding this amendment, please contact Mark Rawlings at (202) 671-2234 or by e-mail at [mark.rawlings@dc.gov](mailto:mark.rawlings@dc.gov). Of course, feel free to contact me directly.

Sincerely,

A handwritten signature in black ink, appearing to be the initials 'S' and 'Z' written in a cursive, flowing style.

Samuel Zimbabwe  
Associate Director, Policy, Planning, and Sustainability Administration (PPSA)

cc: Mark Rawlings, DDOT – PPSA (via e-mail)  
Matt Brown, DDOT – Resource Management (via e-mail)

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 13	FY14	FY 15	FY 16	FY 17	FY 18	Source Total
<b>Bridge</b>									
<b>Bridge Replacement/Rehabilitation Program</b>									
TIP ID: 5804	Agency ID:	Title: East Capitol St. Bridge over Anacostia River, Br. # 233						Complete:	

Facility:	BR	80/20/0	2,000 a	16,000 c					18,000
From:									<b>Total Funds: 18,000</b>
To:									

Description: Design and construction of bridge repairs.

**Amendment: Add Project** **Requested on: 4/5/2013**  
 Amendment to reinstate East Capitol St. Bridge over Anacostia River, BR #233 and to add \$2,000,000 in FY 2013 for Design and \$16,000,000 in FY2014 for Construction for bridge repairs.

TIP ID: 3202	Agency ID: CD032C	Title: Bridge Design Consultant Services						Complete:	
Facility: CITYWIDE	BR	80/20/0	550 a	950 a	450 a	450 a	450 a	950 a	3,250
From:	NHPP	80/20/0	1,000 a	1,000 a	1,000 a				3,000
To:									<b>Total Funds: 6,250</b>

Description: This project will provide bridge design consultant services to support the preventive maintenance program for bridges and the preventive maintenance and emergency repair project by providing designs for temporary supports for deficient structures and repairs and retrofits not of substantial size for a separate project.

This project also includes Citywide Engineering Service for Structures and Bridges provide engineering services, for designing Bridges and other structures. Service will also include constructability review, investigating structural behavior and providing reports with design details and recommendations; design bridge substructure, superstructure, foundations, retaining walls, sign structures, buildings and other structures as directed. The work also includes providing CADD support, designing related roadways, independent design reviews of temporary and permanent structures and bridges, preparing manuals and standards, geotechnical investigations and reports, surveying, hydraulic and hydrological studies.

**Amendment: Update Project Information and Funding** **Requested on: 4/5/2013**  
 Amendment to add \$1,000,000 in NHPP funds to provide engineering services, for designing Bridges and other structures. Service will also include constructability review, investigating structural behavior and providing reports with design details and recommendations; design bridge substructure, superstructure, foundations, retaining walls, sign structures, buildings and other structures as directed. The work also includes providing CADD support, designing related roadways, independent design reviews of temporary and permanent structures and bridges, preparing manuals and standards, geotechnical investigations and reports, surveying, hydraulic and hydrologic studies.