

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2014-07A General Engineering Consultant for the Mountain Parkway

This document constitutes a Request for Proposals for a Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

Currently the Mountain Parkway consists of 4 lanes from Interstate 64 in Winchester, KY to KY 746 in Campton, KY. The 2014 Recommended Highway Plan presented to the 2014 KY General Assembly includes multiple projects that will widen and extend the Mountain Parkway from KY 746 in Campton, KY to US 23 in Prestonsburg, KY. The Department is seeking assistance in the following areas:

- Preliminary Engineering
- Environmental
- Project Management
- Contract Administration
- Design Oversight
- Right of Way Acquisition
- Utility Relocation
- Communications
- Record Keeping
- Construction Supervision
- Construction Inspection
- Other duties as determined through the life of the contract

II. PROJECT INFORMATION

Project Manager – Marshall Carrier, P.E.

District 10 Liaison – Aric Skaggs, P.E.

District 12 Liaison – Sam Hale, P.E.

User Division – State Highway Engineer's Office

Total Approximate Fee – \$80,000,000

- Program Management – \$16,000,000
- Right of Way Services – \$6,000,000
- Construction Supervision and Inspection – \$58,000,000

Project Funding – Federal, State and Toll Revenue Bonds

Contract Type – Cost-plus/fixed fee / Cost per unit of work contract

III. PURPOSE AND NEED OF CONTRACT

Assist the Department in the development and delivery for the improvements to the Mountain Parkway.

IV. CONFLICT OF INTEREST

Award of this contract will prohibit all GEC team members, including all affiliated and subsidiary firms of the GEC, from providing any future Professional Service or Personal Service contracts on the Mountain Parkway. Subsidiary firms of the GEC may continue work on existing Professional Service or Personal Service contracts, including necessary modifications for the Mountain Parkway but shall not provide any programmatic review of those contractual requirements. The Prime Consultant for the GEC shall be responsible for administering the program reviews to insure there are no Organizational Conflicts of Interest.

V. DBE REQUIREMENT

The Consultant team shall include a DBE Participation Plan with their response to the announcement. The plan needs to demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. An additional page will be allowed in the project approach to demonstrate this plan. A maximum of 10 points will be considered in the evaluation factors for the DBE Participation Plan.

VI. SCOPE OF WORK

The selected Consultant shall be responsible for assisting the Department in the development and delivery of the improvements to the Mountain Parkway.

1. The Consultant shall assist the Department in the overall program management of the improvements to the Mountain Parkway. The Consultant shall assign a project manager to serve as a single point of contact that assists KYTC in the management and coordination between the various program functions. Functions include but are not limited to professional services contract administration, roadway design, structure design, geotechnical activities, traffic activities, right of way activities, utility activities, environmental activities, construction activities and communication.
2. The Consultant shall provide sufficient resources on an as needed basis to assist KYTC with Design oversight in the areas of rural and urban roadway design, structure design, geotechnical engineering and traffic engineering on the various construction sections of the Mountain Parkway. The Consultant shall lead all reviews, be responsive to the schedule and review times, and provide all technical assistance necessary to assure the Mountain Parkway is being developed according to AASHTO Standards and KYTC policies and procedures. The Consultant shall designate a Design Oversight Manager to lead this effort.
3. The Consultant shall perform all right of way services along the Mountain Parkway. Services include but are not limited to Titles and Closing, Appraisals and Appraisal Reviews, Acquisitions, Relocations, Property management, and Condemnation Services. Legal Services shall be provided by firms approved for the types of legal services required on the statewide list in the KY Transportation Cabinet's Office of Legal Services. The Consultant shall designate a Right of Way Manager to lead this effort.

4. The Consultant shall perform all services necessary to coordinate the relocation of utilities along the Mountain Parkway. Services may include but are not limited to coordination with utility owner, execution of agreements and inspection services. The Consultant shall designate a Utility Manager to lead this effort.
5. The Consultant shall assist KYTC in the development of a communications plan for the Mountain Parkway. The Consultant may be asked to develop and maintain a project website and facilitate public outreach. The Consultant shall designate a Communications Manager to lead this effort.
6. The Consultant shall coordinate and/or perform all services necessary to gain environmental clearance, including permit activities, on the various construction sections along the Mountain Parkway. The Consultant shall designate an Environmental Manager to lead this effort.
7. The Consultant may be asked to perform preliminary engineering services throughout the life of the contract.
8. The Consultant may be asked to assist in the preparation and/or support of financial plan and project management plan development.
9. The Consultant shall assist KYTC in the preparation of construction packages and contract documents.
10. The Consultant may be asked to assist the Department with Construction supervision. If requested the Consultant shall attend all reviews, be responsive to the schedule and review times, and provide all technical assistance necessary to assure the contract requirements for the construction sections are being met. The Consultant shall designate a Construction Oversight Manager to lead this effort.
11. The Consultant may be asked to assist the Department with construction inspection. The Department will direct the number of inspectors needed on an as needed basis. The Consultant shall provide the number of inspectors the Department directs. The inspectors shall use inspection instruments and visual inspection to inspect the contractor's work and ensure compliance with all contract provisions. The inspectors shall keep complete and accurate daily records of all work performed, preparation of final paperwork, and the materials used in accordance with the Department's current policies. The Consultant shall provide inspectors who have successfully completed the certifications as specified in the prequalification section of this bulletin and are required to maintain these qualifications for the duration of the contract. The inspectors shall demonstrate experience and knowledge of onsite roadway construction inspection and record keeping; the inspectors shall be capable of handling the physical requirements needed to access and perform arms-length inspection of the entire project.
12. The Consultant shall be responsible for keeping all records associated with project activities on the Mountain Parkway.
13. The Consultant shall provide a project office in a central project location. The project office shall house the Project Manager, and an administrative assistant. The office shall also have capacity for 8 additional temporary offices and conference room(s) sufficient to handle all project team meetings. The office shall have hours opened to the public.

The Consultant may be asked to assist in preparation of traffic modeling studies along the Mountain Parkway corridor. This may include traffic data collection, travel demand and simulation modeling, and traffic forecasting. The Consultant shall be required to demonstrate experience with travel demand modeling and traffic forecasting on projects that included tolls. The studies will be used to support design and environmental efforts. Revenue studies are not required with this contract.

VII. SPECIAL INSTRUCTIONS

A cost-plus/fixed fee contract will be negotiated except for the construction inspection portion which will be negotiated as a cost per unit of work contract.

The cost-plus component of the contract will be revisited annually through the life of the contract. The cost per unit of work contract will be revisited on an as needed basis through the life of the contract.

The cost per unit of work for inspection services is defined by the cost of the Services of One Inspector and the unit will be an hour. The cost per hour will include the pay rate for the personnel classifications providing the inspections, overhead, travel expenses, profit and all other direct and indirect costs incurred by the Consultant to accomplish the work.

The inspection fee must be one (1) hourly rate for each level of inspector including up to (3) three levels of inspector. A fee must also be included for a licensed land surveyor and a SuperPave Technician. Additional inspectors required to assist these last two designations shall fall under the other three levels of inspectors. The rate should be all inclusive of overhead, travel, per diem expenses, management fee, profit and any direct expenses.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

KYTC will allow the following modifications to the standard response format for response to this project advertisement only.

- KYTC will allow for font smaller than 10 point throughout but all text must remain legible
- Page 3: Project Team Organizational Chart and Page 5: Available Team Workload Capacity, KYTC will allow for 11" x 17" pages to be used and to count as two pages
- Page 4 (A-E): Resumes, may be expanded not to exceed 20 pages total (A-T)
- Page 5 (A-B): Workload / commitments, may be expanded not to exceed 4 pages total (A-D); again 11" x 17" pages will count as 2 pages
- Page 6 (A-E): Project Experience, may be expanded not to exceed 10 pages total (A-J)
- Page 7 (A-C): Project Approach, may be expanded not to exceed 20 pages total (A-T). As standard procedure, the DBE participation plan should also be included in this portion of the response

VIII. INTERVIEW

The selection committee will shortlist three (3) proposers who submit a responsive proposal to participate in an oral interview. The oral interview will last no more than 60 minutes. Each Proposer will be allowed a 15 - 30 minute presentation followed by 30 - 45 minute question and answer session. The presentation shall not be used to fill in missing or incomplete information in

the written proposal. KYTC will ask the Proposers specific questions relative to their proposal. Follow-up questions from KYTC will be permitted. The oral interview will not be scored separately. The interview is used solely for KYTC to seek clarification of the Proposer's proposal. Proposers will not be permitted to ask questions of KYTC.

Persons with a disability may request a reasonable accommodation such as a sign language interpreter. Request for accommodations must be made one week in advance of the meeting, to allow time to arrange the accommodation.

The following key personnel from each Proposer shall attend the oral interview: Project Manager, Design Oversight Manager, Environmental Manager, Right of Way Manager and up to five other individuals.

Members of the KYTC's Selection Committee will attend each oral interview. Additional subject matter experts and District Liaisons may also attend the interviews. Elected officials will not be permitted to attend. The KYTC may elect to conduct all interviews on two (2) consecutive days as necessary. KYTC will terminate the interview promptly at the end of the allocated time.

KYTC may audio tape, videotape and/or use a court reporter to document the oral interviews. All interviews will be held at the Kentucky Transportation Building at 200 Mero Street, Frankfort, Kentucky.

IX. PREQUALIFICATION REQUIREMENTS

To respond to this project, the project team must be prequalified in the following areas by the date of this advertisement.

Roadway Design

- Rural Roadway Design
- Urban Roadway Design

Structure Design

- Spans < 500ft

Construction Engineering

- Construction Project Supervision

Geotechnical Services

- Geotechnical Engineering

Right of Way Services (Prequalified by the Division of Right of Way and Utilities as set forth in the Right of Way Guidance Manual)

Environmental and UST Services

- Hazmat Preliminary Site Assessment (Phase 1)
- Hazmat Recon/Sampling (Phase 2)
- UST Preliminary Site Assessment

Environmental Aquatic Terrestrial Ecosystem Analysis

- Fisheries
- Macro invertebrates

- Water Quality
- Botany
- Zoology
- Wetlands

Environmental Archaeology and Other Services

- Prehistoric Archaeology
- Historic Archaeology
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination

Traffic Engineering

- Traffic Engineering Services
- Electrical Engineering Services for Traffic Signals
- Electrical Engineering Services for Roadway Lighting

TRANSPORTATION PLANNING

- Traffic Demand and Simulation Modeling
- Traffic Forecasting
- Traffic Data Collection

X. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE	March 5 th , 2014 4:30, p.m. E.S.T.
FIRST SELECTION COMMITTEE	March 10 th , 2014
SECOND SELECTION COMMITTEE (The selection committee will short list 3 responding firms for interviews)	March 17 th , 2014
CONSULTANT INTERVIEWS (All responding firms should be prepared to present a short presentation and respond to questions)	March 21st, 2014
FINAL SELECTION COMMITTEE	March 24 th , 2014
CONTRACT SCOPING CONFERENCE	March 27th, 2014
NOTICE TO PROCEED	April 14 th , 2014

XI. PROJECT SCHEDULE

Contract will be in effect from Notice to Proceed until 6 months after Formal Acceptance of all construction sections of the Mountain Parkway or when the Department decides to terminate the contract. Estimated date of contract completion is 2022.

XII. EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to the project team with construction projects of a similar nature for KYTC, and/or other federal, local or state governmental transportation agencies. (40 points)
2. Organizational structure of team and approach of team to managing the development of the project. Approach needs to demonstrate strong understanding of the project. (40 points)
3. Capacity and availability of team members over the life of the contract. (40 points)
4. DBE participation plan (10 points)

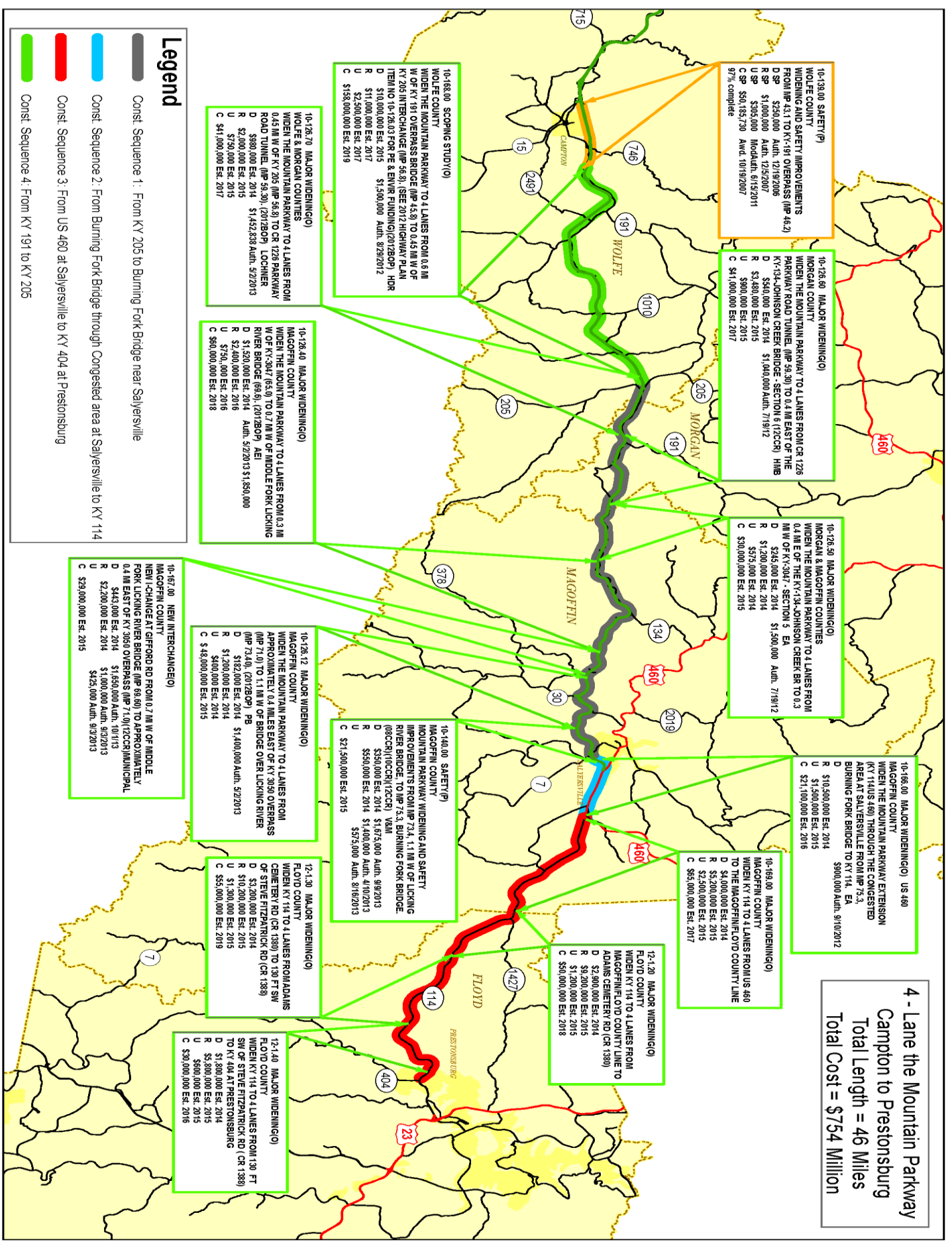
XIII. SELECTION COMMITTEE MEMBERS

1. Andy Barber, P.E., User Division
2. Marshall Carrier, P.E., User Division
3. Brad Eldridge, P.E., Secretary's Pool
4. Sam Hale, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool

XIV. PROJECT MAP

[FULL SIZE PDF OF MAP](#)

**4 - Lane the Mountain Parkway
Campton to Prestonsburg**
Total Length = 46 Miles
Total Cost = \$754 Million



10-139.00 SAFETY(P)
WOLFE COUNTY
WIDENING AND SAFETY IMPROVEMENTS
 FROM MP 43.1 TO KY-191 OVERPASS (MP 46.2)
 D \$P \$230,000 Auth. 12/19/2006
 R \$P \$1,000,000 Auth. 12/19/2006
 U \$P \$305,000 ModAuth. 6/15/2011
 C \$P \$50,185,730 Awd. 10/19/2007
 97% complete

10-126.60 MAJOR WIDENING(O)
MORGAN COUNTY
WIDEN THE MOUNTAIN PARKWAY TO 4 LANES FROM CR 1226
PARKWAY ROAD TUNNEL (MP 58.30) TO 0.4 MI EAST OF THE
KY-154-JOHNSON CREEK BRIDGE - SECTION 9 (12CCR) HIMS
 D \$340,000 Est. 2014
 R \$3,580,000 Est. 2015
 U \$800,000 Est. 2015
 C \$41,000,000 Est. 2017

10-126.50 MAJOR WIDENING(O)
MORGAN & MAGOFFIN COUNTIES
WIDEN THE MOUNTAIN PARKWAY TO 4 LANES FROM
0.4 MI E OF THE KY-154-JOHNSON CREEK BR TO 0.3
MI W OF KY-304 - SECTION 5 EA
 D \$245,000 Est. 2014
 R \$1,200,000 Est. 2014
 U \$575,000 Est. 2014
 C \$30,000,000 Est. 2015

10-166.00 MAJOR WIDENING(O) US 460
MAGOFFIN COUNTY
WIDEN THE MOUNTAIN PARKWAY EXTENSION
KY 114 US 460 THROUGH THE CONGESTED
AREA AT SALVERSVILLE FROM MP 73.3
BURNING FORK BRIDGE TO KY 114 EA
 D \$10,500,000 Est. 2014
 R \$15,900,000 Est. 2015
 U \$21,100,000 Est. 2016
 C \$900,000 Auth. 9/10/2012

10-161.00 MAJOR WIDENING(O)
MAGOFFIN COUNTY
WIDEN KY 114 TO 4 LANES FROM US 460
TO THE MAGOFFIN/LOD COUNTY LINE
 D \$4,000,000 Est. 2014
 R \$3,200,000 Est. 2015
 U \$2,500,000 Est. 2015
 C \$85,000,000 Est. 2017

12-120 MAJOR WIDENING(O)
FLOYD COUNTY
WIDEN KY 114 TO 4 LANES FROM
MAGOFFIN/LOD COUNTY LINE TO
ADAMS CEMETERY RD (CR 1389)
 D \$2,900,000 Est. 2014
 R \$9,200,000 Est. 2015
 U \$1,200,000 Est. 2015
 C \$80,000,000 Est. 2018

10-140.00 SAFETY(P)
MAGOFFIN COUNTY
MOUNTAIN PARKWAY WIDENING AND SAFETY
IMPROVEMENTS FROM MP 73.4, 1.1 MI W OF LICKING
RIVER BRIDGE, TO MP 75.3, BURNING FORK BRIDGE,
(08CCR)(10CCR)(12CCR) V&M
 D \$350,000 Est. 2014
 R \$550,000 Est. 2014
 U \$1,400,000 Auth. 4/10/2013
 C \$21,500,000 Est. 2015

12-130 MAJOR WIDENING(O)
FLOYD COUNTY
WIDEN KY 114 TO 4 LANES FROM ADAMS
CEMETERY RD (CR 1389) TO 139 FT SW
OF STEVE FITZPATRICK RD (CR 1389)
 D \$3,200,000 Est. 2014
 R \$10,200,000 Est. 2015
 U \$1,300,000 Est. 2015
 C \$55,000,000 Est. 2019

12-140 MAJOR WIDENING(O)
FLOYD COUNTY
WIDEN KY 114 TO 4 LANES FROM 130 FT
SW OF STEVE FITZPATRICK RD (CR 1389)
TO KY 404 AT PRESTONSBURG
 D \$1,800,000 Est. 2014
 R \$5,800,000 Est. 2015
 U \$800,000 Est. 2015
 C \$30,000,000 Est. 2016

10-126.12 MAJOR WIDENING(O)
MAGOFFIN COUNTY
WIDEN THE MOUNTAIN PARKWAY TO 4 LANES FROM
APPROXIMATELY 0.4 MILES EAST OF KY 3050 OVERPASS
(MP 71.0) TO 1.1 MI W OF BRIDGE OVER LICKING RIVER
(MP 73.0), (2012BOP) PB
 D \$192,000 Est. 2014
 R \$1,200,000 Est. 2014
 U \$400,000 Est. 2014
 C \$ 48,000,000 Est. 2015

10-167.00 NEW INTERCHANGE(O)
MAGOFFIN COUNTY
NEW I-CHANGE AT GIFFORD RD FROM 0.7 MI W OF MIDDLE
FORK LICKING RIVER BRIDGE (MP 69.60) TO APPROXIMATELY
0.4 MI EAST OF KY 3050 OVERPASS (MP 71.0)(12CCR) MUNICIPAL
 D \$443,000 Est. 2014
 R \$1,650,000 Auth. 10/11/13
 U \$2,200,000 Est. 2014
 C \$29,000,000 Est. 2015

10-126.40 MAJOR WIDENING(O)
MAGOFFIN COUNTY
WIDEN THE MOUNTAIN PARKWAY TO 4 LANES FROM 0.3 MI
W OF KY-304 (63.0) TO 0.7 MI W OF MIDDLE-FORK LICKING
RIVER BRIDGE (69.60) (2012BOP) AEI
 D \$1,520,000 Est. 2014
 R \$1,520,000 Est. 2016
 U \$750,000 Est. 2016
 C \$80,000,000 Est. 2018

10-168.00 SCOPING STUDY(O)
WOLFE COUNTY
WIDEN THE MOUNTAIN PARKWAY TO 4 LANES FROM 0.6 MI
W OF KY 191 OVERPASS BRIDGE (MP 45.8) TO 0.45 MI W OF
KY 205 INTERCHANGE (MP 56.8), (SEE 2012 HIGHWAY PLAN
ITEM NO 10-126.03 FOR PE & ENVIR FUNDING)(212BOP) HOR
 D \$10,000,000 Est. 2015
 R \$11,000,000 Est. 2017
 U \$2,500,000 Est. 2017
 C \$158,000,000 Est. 2019

10-126.70 MAJOR WIDENING(O)
WOLFE & MORGAN COUNTIES
WIDEN THE MOUNTAIN PARKWAY TO 4 LANES FROM
0.45 MI W OF KY 205 (MP 56.8) TO CR 1226 PARKWAY
ROAD TUNNEL (MP 58.30), (2012BOP) LOCHNER
 D \$980,000 Est. 2014
 R \$2,000,000 Est. 2015
 U \$750,000 Est. 2015
 C \$41,000,000 Est. 2017

- Legend**
- Const. Sequence 1: From KY 205 to Burning Fork Bridge near Salversville
 - Const. Sequence 2: From Burning Fork Bridge through Congested area at Salversville to KY 114
 - Const. Sequence 3: From US 460 at Salversville to KY 404 at Prestonsburg
 - Const. Sequence 4: From KY 191 to KY 205

**Mountain Parkway Corridor
 Wolfe, Morgan, Magoffin, and Floyd Counties**