



CALL NO. 400

CONTRACT ID. 132958

ADAIR - PULASKI - WAYNE COUNTIES

FED/STATE PROJECT NUMBER 121GR12M119-FE02

DESCRIPTION VARIOUS COUNTIES DISTRICT 8

WORK TYPE BRIDGE CLEANING

PRIMARY COMPLETION DATE 7/31/2014

LETTING DATE: December 13,2013

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN STANDARD TIME December 13,2013. Bids will be publicly announced at 10:00 AM EASTERN STANDARD TIME.

NO PLANS ASSOCIATED WITH THIS PROJECT.

REQUIRED BID PROPOSAL GUARANTY: Not less than 5% of the total bid.

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PART I
SCOPE OF WORK

ADMINISTRATIVE DISTRICT - 04

CONTRACT ID - 132958

121GR12M119-FE02

COUNTY - ADAIR

PCN - MB00105511301
FE02 001 0551 B00034N

ADAIR COUNTY KNIFLEY ROAD KY 551 OVER
GREEN RIVER LAKE-MP 06.98.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:12:18.16 LONGITUDE 85:04:49.43

PCN - MB00190081301
FE02 001 9008 B00063L

ADAIR COUNTY LOUIE B. NUNN PARKWAY KY 9008 WB
OVER GREEN RIVER LAKE-MP 50.10.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:05:23.32 LONGITUDE 85:16:56.68

PCN - MB00190081302
FE02 001 9008 B00063R

ADAIR COUNTY LOUIE B. NUNN PARKWAY KY 9008 EB
OVER GREEN RIVER LAKE-MP 50.10.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:05:22.87 LONGITUDE 85:16:58.03

COUNTY - PULASKI

PCN - MB10000271301
FE02 100 0080 B00080N

PULASKI COUNTY BURNSIDE ROAD US 27
OVER PUTTMAN CREEK-MP 10.31.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:00:15.27 LONGITUDE 84:36:52.74

PCN - MB10000801301
FE02 100 0080 B00067L

PULASKI COUNTY LONDON ROAD KY 80 WB OVER
LOUIE B. NUNN PARKWAY KY 9008
-MP 05.83.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:05:33.49 LONGITUDE 85:48:03.40

PCN - MB10000801302
FE02 100 0080 B00067R

PULASKI COUNTY LONDON ROAD KY 80 EB OVER
LOUIE B. NUNN PARKWAY KY 9008
-MP 05.83.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:05:33.49 LONGITUDE 85:48:03.40

PCN - MB10000801303
FE02 100 0080 B00080N

PULASKI COUNTY LONDON ROAD KY 80
OVER BUCK CREEK-MP31.01.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:09:08.82 LONGITUDE 84:26:17.46

PCN - MB10000801304
FE02 100 0080 B00087N

PULASKI COUNTY LONDON ROAD KY 80
OVER ROCKCASTLE RIVER-MP 39.63.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:08:44.68 LONGITUDE 84:17:36.86

ADAIR - PULASKI - WAYNE COUNTIES
121GR12M119-FE02

PCN - MB10004611301
FE02 100 0461 B00098N

PULASKI COUNTY CUMBERLAND LAKE PARKWAY KY 461
OVER BUCK CREEK-MP 03.88.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:12:21.60 LONGITUDE 84:27:31.80

PCN - MB10010031301
FE02 100 1003 B00055N

PULASKI COUNTY ULA ROAD KY 1003 OVER
BUCK CREEK-MP 08.17.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:06:13.48 LONGITUDE 85:26:07.03

PCN - MB10090081301
FE02 100 9008 B00074L

PULASKI COUNTY LOUIE B. NUNN PARKWAY KY 9008 WB
OVER FISHING CREEK -MP 84.47.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:05:51.45 LONGITUDE 85:41:28.95

PCN - MB10090081302
FE02 100 9008 B00074R

PULASKI COUNTY LOUIE B. NUNN PARKWAY KY 9008 EB
OVER FISHING CREEK -MP 84.47.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:05:51.13 LONGITUDE 85:41:28.86

PCN - MB10401271301
FE02 104 0127 B00022N

RUSSELL COUNTY US 127 OVER KY 9008-MP 31.01.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 37:03:05.27 LONGITUDE 84:04:12.45

COUNTY - WAYNE

PCN - MB11600901303
FE02 116 0090 B00001N

WAYNE COUNTY KY 90 OVER MEDOW CREEK-MP 19.51.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 36:55:37.77 LONGITUDE 84:45:27.68

PCN - MB11600901304
FE02 116 0090 B00036N

WAYNE COUNTY KY 90 OVER OTTER CREEK-MP 01.91.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 36:45:53.56 LONGITUDE 84:58:26.71

PCN - MB11600901305
FE02 116 0090 B00044N

WAYNE COUNTY KY 90 OVER BEAVER CREEK-MP 08.69.BRIDGE CLEANING
GEOGRAPHIC COORDINATES LATITUDE 36:49:03.52 LONGITUDE 84:52:47.73

COMPLETION DATE(S):

COMPLETED BY 07/31/2014

APPLIES TO ENTIRE CONTRACT

CONTRACT NOTES

PROPOSAL ADDENDA

All addenda to this proposal must be applied when calculating bid and certified in the bid packet submitted to the Kentucky Department of Highways. Failure to use the correct and most recent addenda may result in the bid being rejected.

BID SUBMITTAL

Bidder must use the Department's Expedite Bidding Program available on the Internet web site of the Department of Highways, Division of Construction Procurement. (www.transportation.ky.gov/construction-procurement)

The Bidder must download the bid file located on the Bid Express website (www.bidx.com) to prepare a bid packet for submission to the Department. The bidder must submit electronically using Bid Express.

JOINT VENTURE BIDDING

Joint venture bidding is permissible. All companies in the joint venture must be prequalified in one of the work types in the Qualifications for Bidders for the project. The bidders must get a vendor ID for the joint venture from the Division of Construction Procurement and register the joint venture as a bidder on the project. Also, the joint venture must obtain a digital ID from Bid Express to submit a bid. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

UNDERGROUND FACILITY DAMAGE PROTECTION

The contractor is advised that the Underground Facility Damage Protection Act of 1994, became law January 1, 1995. It is the contractor's responsibility to determine the impact of the act regarding this project, and take all steps necessary to be in compliance with the provision of the act.

SPECIAL NOTE FOR PIPE INSPECTION

Contrary to Section 701.03.08 of the 2012 Standard Specifications for Road and Bridge Construction and Kentucky Method 64-114, certification by the Kentucky Transportation Center for prequalified Contractors to perform laser/video inspection is not required on this contract. It will continue to be a requirement for the Contractor performing any laser/video pipe inspection to be prequalified for this specialized item with the Kentucky Transportation Cabinet-Division of Construction Procurement.

REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY

Pursuant to KRS 176.085(1)(b), an agency, department, office, or political subdivision of the Commonwealth of Kentucky shall not award a state contract to a person that is a foreign entity required by [KRS 14A.9-010](#) to obtain a certificate of authority to transact business in the Commonwealth (“certificate”) from the Secretary of State under [KRS 14A.9-030](#) unless the person produces the certificate within fourteen (14) days of the bid or proposal opening. If the foreign entity is not required to obtain a certificate as provided in [KRS 14A.9-010](#), the foreign entity should identify the applicable exception. Foreign entity is defined within [KRS 14A.1-070](#).

For all foreign entities required to obtain a certificate of authority to transact business in the Commonwealth, if a copy of the certificate is not received by the contracting agency within the time frame identified above, the foreign entity’s solicitation response shall be deemed non-responsive or the awarded contract shall be cancelled.

Businesses can register with the Secretary of State at <https://secure.kentucky.gov/sos/ftbr/welcome.aspx>.

SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT

Questions about projects during the advertisement should be submitted in writing to the Division of Construction Procurement. This may be done by fax (502) 564-7299 or email to kytc.projectquestions@ky.gov. The Department will attempt to answer all submitted questions. The Department reserves the right not to answer if the question is not pertinent or does not aid in clarifying the project intent.

The deadline for posting answers will be 3:00 pm Eastern Daylight Time, the day preceding the Letting. Questions may be submitted until this deadline with the understanding that the later a question is submitted, the less likely an answer will be able to be provided.

The questions and answers will be posted for each Letting under the heading “Questions & Answers” on the Construction Procurement website (www.transportation.ky.gov/contract). The answers provided shall be considered part of this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

HARDWOOD REMOVAL RESTRICTIONS

The Kentucky Division of Forestry has imposed a quarantine in Anderson, Boone, Bourbon, Boyd, Boyle, Bracken, Campbell, Carroll, Fayette, Franklin, Gallatin, Garrard,

Grant, Greenup, Hardin, Harrison, Henry, Jefferson, Jessamine, Kenton, Oldham, Owen, Pendleton, Scott, Shelby, Trimble, and Woodford Counties to prevent the spread of an invasive insect, the emerald ash borer. Hardwood cut in conjunction with the project may not be removed from the county of its origin. Chipping or burning on site is the preferred method of disposal.

INSTRUCTIONS FOR EXCESS MATERIAL SITES AND BORROW SITES

Identification of excess material sites and borrow sites shall be the responsibility of the Contractor. The Contractor shall be responsible for compliance with all applicable state and federal laws and may wish to consult with the US Fish and Wildlife Service to seek protection under Section 10 of the Endangered Species Act for these activities.

ACCESS TO RECORDS

The contractor, as defined in KRS 45A.030 (9) agrees that the contracting agency, the Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this contract for the purpose of financial audit or program review. Records and other prequalification information confidentially disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). The contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884.

In the event of a dispute between the contractor and the contracting agency, Attorney General, or the Auditor of Public Accounts over documents that are eligible for production and review, the Finance and Administration Cabinet shall review the dispute and issue a determination, in accordance with Secretary's Order 11-004. (See attachment)

10/29/12



Steven L. Beshear
Governor

Commonwealth of Kentucky
Finance and Administration Cabinet
OFFICE OF THE SECRETARY
Room 383, Capitol Annex
702 Capital Avenue
Frankfort, KY 40601-3462
(502) 564-4240
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Lori H. Flanery
Secretary

SECRETARY'S ORDER 11-004

FINANCE AND ADMINISTRATION CABINET

Vendor Document Disclosure

WHEREAS, in order to promote accountability and transparency in governmental operations, the Finance and Administration Cabinet believes that a mechanism should be created which would provide for review and assistance to an Executive Branch agency if said agency cannot obtain access to documents that it deems necessary to conduct a review of the records of a private vendor that holds a contract to provide goods and/or services to the Commonwealth; and

WHEREAS, in order to promote accountability and transparency in governmental operations, the Finance and Administration Cabinet believes that a mechanism should be created which would provide for review and assistance to an Executive Branch agency if said agency cannot obtain access to documents that it deems necessary during the course of an audit, investigation or any other inquiry by an Executive Branch agency that involves the review of documents; and

WHEREAS, KRS 42.014 and KRS 12.270 authorizes the Secretary of the Finance and Administration Cabinet to establish the internal organization and assignment of functions which are not established by statute relating to the Finance and Administration Cabinet; further, KRS Chapter 45A.050 and 45A.230 authorizes the Secretary of the Finance and Administration Cabinet to procure, manage and control all supplies and services that are procured by the Commonwealth and to intervene in controversies among vendors and state agencies; and

NOW, THEREFORE, pursuant to the authority vested in me by KRS 42.014, KRS 12.270, KRS 45A.050, and 45A.230, I, Lori H. Flanery, Secretary of the Finance and Administration Cabinet, do hereby order and direct the following:

- I. Upon the request of an Executive Branch agency, the Finance and Administration Cabinet ("FAC") shall formally review any dispute arising where the agency has requested documents from a private vendor that holds a state contract and the vendor has refused access to said documents under a claim that said documents are not directly pertinent or relevant to the agency's inquiry upon which the document request was predicated.
- II. Upon the request of an Executive Branch agency, the FAC shall formally review any situation where the agency has requested documents that the agency deems necessary to

conduct audits, investigations or any other formal inquiry where a dispute has arisen as to what documents are necessary to conclude the inquiry.

- III. Upon receipt of a request by a state agency pursuant to Sections I & II, the FAC shall consider the request from the Executive Branch agency and the position of the vendor or party opposing the disclosure of the documents, applying any and all relevant law to the facts and circumstances of the matter in controversy. After FAC's review is complete, FAC shall issue a Determination which sets out FAC's position as to what documents and/or records, if any, should be disclosed to the requesting agency. The Determination shall be issued within 30 days of receipt of the request from the agency. This time period may be extended for good cause.
- IV. If the Determination concludes that documents are being wrongfully withheld by the private vendor or other party opposing the disclosure from the state agency, the private vendor shall immediately comply with the FAC's Determination. Should the private vendor or other party refuse to comply with FAC's Determination, then the FAC, in concert with the requesting agency, shall effectuate any and all options that it possesses to obtain the documents in question, including, but not limited to, jointly initiating an action in the appropriate court for relief.
- V. Any provisions of any prior Order that conflicts with the provisions of this Order shall be deemed null and void.

SPECIAL NOTE FOR RECIPROCAL PREFERENCE

Reciprocal preference to be given by public agencies to resident bidders

By reference, KRS 45A.490 to 45A.494 are incorporated herein and in compliance regarding the bidders residency. Bidders who want to claim resident bidder status should complete the Affidavit for Claiming Resident Bidder Status along with their bid in the Expedite Bidding Program. Submittal of the Affidavit should be done along with the bid in Bid Express.

03/01/2011

**SPECIAL NOTES
DISTRICT NO. 8
BRIDGE CLEANING AND PREVENTATIVE MAINTENANCE
VARIOUS COUNTIES
121GR13M119**

FE02 001 0551 B00034N 06.98

Adair County ~ KY 551 (Knifley Road) over Green River Lake

Latitude – 37° 12' 18.16''

Longitude – 085° 14' 49.43''

Description

105 ft ~ 160 ft ~105 ft Steel Girder Spans.

FE02 001 9008 B00063L 50.10

Adair County ~ KY 9008 WB (Louie B. Nunn Parkway) over Green River Lake

Latitude – 37° 05' 23.32''

Longitude – 085° 16' 56.68''

Description

59 ft ~ 62 ft ~100 ft~62 ft Steel Girder Spans.

FE02 001 9008 B00063R 50.07

Adair County ~ KY 9008 EB (Louie B. Nunn Parkway) over Green River Lake

Latitude – 37° 05' 22.87''

Longitude – 085° 16' 58.03''

Description

59 ft ~ 62 ft ~100 ft~62 ft Steel Girder Spans.

FE02 100 1003 B00055N 08.17

Pulaski County ~ KY 1003 over Buck Creek

Latitude – 37° 06' 13.48''

Longitude – 084° 26' 07.03''

Description

80 ft~115 ft~80 ft Steel Girder Spans.

FE02 100 0080 B00067L 05.83

Pulaski County ~ KY 80 WB over KY 9008 (Louie B. Nunn Parkway)

Latitude – 37° 05' 33.49''

Longitude – 084° 48' 03.40''

Description

63 ft~2-70 ft~63 ft Steel Girder Spans.

FE02 100 0080 B00067R 05.83

Pulaski County ~ KY 80 WB over KY 9008 (Louie B. Nunn Parkway)

Latitude – 37° 05' 33.49''

Longitude – 084° 48' 03.40''

Description

63 ft~2-70 ft~63 ft Concrete Girder Spans.

FE02 100 9008 B00074L 84.47

Pulaski County ~ KY 9008 WB (Louie B. Nunn Parkway) over Fishing Creek

Latitude – 37° 05' 51.45''

Longitude – 084° 41' 28.95''

Description

3-125 ft~220 ft~275 ft~220 ft~5-130 ft Steel Girder Spans.

FE02 100 9008 B00074R 84.47

Pulaski County ~ KY 9008 EB (Louie B. Nunn Parkway) over Fishing Creek

Latitude – 37° 05' 51.13''

Longitude – 084° 41' 28.86''

Description

3-125 ft~220 ft~275 ft~220 ft~5-130 ft Steel Girder Spans.

FE02 100 0080 B00080N 31.01

Pulaski County ~ KY 80 over Buck Creek

Latitude – 37° 09' 08.82''

Longitude – 084° 26' 17.46''

Description

100 ft~140 ft~100 ft Steel Girder Spans.

FE02 100 0080 B00087N 39.63

Pulaski County ~ KY 80 over Rockcastle River

Latitude – 37° 08' 44.68''

Longitude – 084° 17' 36.86''

Description

100 ft~140 ft~100 ft Steel Girder Spans.

FE02 100 0461 B00098N 03.88

Pulaski County ~ KY 461 over Buck Creek

Latitude – 37° 12' 21.60''

Longitude – 084° 27' 31.80''

Description

145 ft~220 ft~145 ft Steel Girder Spans.

FE02 100 0027 B00107L 10.13

Pulaski County ~ US 27 over Pittman Creek

Latitude – 37° 00' 15.59''

Longitude – 084° 36' 52.74''

Description

235 ft~302 ft~235 ft Steel Girder Spans.

FE02 104 0027 B00022N 31.01

Russell County ~ US 27 over KY 9008 (Louie B. Nunn Parkway)

Latitude – 37° 03' 05.27''

Longitude – 084° 04' 12.45''

Description

52 ft~2-80 ft~52 ft Steel Girder Spans.

FE02 116 0090 B00001N 19.51

Wayne County ~ KY 90 over Meadow Creek

Latitude – 36° 55' 37.77''

Longitude – 084° 45' 27.68''

Description

59 ft Steel Girder Span.

FE02 116 0090 B00036N 01.91

Wayne County ~ KY 90 over Otter Creek

Latitude – 36° 45' 53.56''

Longitude – 084° 58' 26.71''

Description

140 ft~230 ft~150 ft Steel Girder Spans.

FE02 116 0090 B00044N 08.69

Wayne County ~ KY 90 over Beaver Creek

Latitude – 36° 49' 03.52''

Longitude – 084° 52' 47.73''

Description

130 ft ~ 180 ft ~ 130 ft Steel Girder Spans.

SPECIAL NOTES FOR CLEANING AND PREVENTATIVE MAINTENANCE

SPECIAL NOTE FOR BRIDGE CLEANING AND PREVENTATIVE MAINTENANCE

SPECIAL NOTE FOR WASTE MANAGEMENT

SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY
REGULATIONS

SPECIAL NOTE FOR UTILITIES AND SIGNS

SPECIAL NOTE FOR PRE-BID CONFERENCE

GENERAL NOTE FOR MAINTAINING AND CONTROLLING TRAFFIC

SPECIAL NOTE FOR BRIDGE CLEANING AND PREVENTATIVE MAINTENANCE

Perform all work in accordance with the Kentucky Transportation Cabinet, Department of Highway's 2012 Standard Specification for Road and Bridge Construction applicable Supplemental Specifications, Standard Drawings, this Note and Attached Detailed Drawings. Section references are to the Standard Specifications. This work consists of the following: (1) Furnish all labor, materials, tools, and equipment; (2) remove and bag large debris; (3) Power wash all structural steel members, drainage system, joints, bearing devices, end bent, abutment, and pier caps as specified in these notes and as shown in the detailed drawings; (4) Coating Rusted Steel Members; (5) Remove stratified rust and apply lubricant to the bearings; (6) Apply concrete sealer to the end bent, abutment, and pier caps as specified in these notes and as shown in the detailed drawings.

A. SUBMITTALS

The Contractor shall comply with the submittal requirements detailed in Section 108 of the 2012 Standard Specifications for Road and Bridge Construction and submit the following **written** items to the Project Engineer **14 days** prior to the Pre-Construction Conference:

1. A detailed Progress of Work Schedule. The Progress of Work Schedule will be reviewed and approved by the KYTC Engineer.
2. Traffic Control Plan. The Traffic Control Plan will be reviewed and approved by the KYTC Engineer.
3. Worker Protection Plan. The Worker Protection Plan will be reviewed by the KYTC Engineer.
4. Environmental Compliance Plan, including a Waste Management and a Ground Water and Surface Water Protection Plan. The Environmental Compliance Plans will be reviewed by the KYTC Engineer.

All submittals must be received, accepted and/or approved prior to beginning any work.

B. SCOPE OF WORK

DEBRIS REMOVAL

All debris shall be collected from the structural steel, bearings, abutment/end bent/pier caps, drainage system, joints and bridge deck. Equipment for collecting debris from bridge decks shall be determined by the Contractor, subject to the approval of the Engineer. The Contractor shall use care not to damage any coating system on the structures. The Contractor shall prevent any debris from entering any body of water, bridge drainage system, or traffic lanes. All debris collected shall be disposed of in a suitable off-site disposal facility. If cleaning the drainage system is required, prior to nay cleaning work, conform that the bridge drainage system is not blocked by un-removable debris by rodding with a sewer rod or similar tool. A blocked drainage system is considered to be one from which debris cannot be removed using the means specified in this note. If the Engineer has be notified, and concurs that the drainage system is blocked prior to performing other cleaning work, then proceed at the direction of the engineer.

If the Contractor does not inspect the bridge drainage system and notify the engineer prior to beginning work any blocked drains will be considered to be the result of the Contractor's operations, and all clearing and cleaning of the drainage system shall be done as part of the work of the specification.

STRATIFIED OR PACK RUST REMOVAL

All stratified or pack rust shall be removed by wire brushes, scrapers or impact devices (hand hammers or power chisels). All surfaces where stratified and or pack rust have been removed shall be clean to an SSPC SP-2 level. All debris collected shall be disposed of in a suitable off-site disposal facility. Surfaces shall include all bearing devices and primary steel members (stringers, floor beams, beams and girders) within 4 feet longitudinal of a joint. See attached detailed drawings for location of specified work.

POWER WASHING

All structural steel, bearing devices, abutment/end bent caps and back walls, pier caps, drainage system and joints shall be power washed. See detailed drawing for each structure. All equipment for pressure washing shall be operated at a pressure of approximately 1,000 psi. (plus or minus 200 psi) at the working location with a minimum flow rate of 3.5 gal/minute provided that these pressures do not damage any components of the structure. Pressure and flow rates shall be reduced to a level satisfactory to the Engineer should any damage occur due to power washing procedures. Pressure washing shall be operated at distance of approximately six inches from and perpendicular to the surface. All pressure washing wands shall be equipped with a gauge to accurately determine the amount pressure used. Pressure washing of any bridge element will proceed from top of wash area to bottom of wash area. Wash water will not be released to a bridge element previously washed. Wash all exposed steel within 10 feet of any joint in girder spans. Wash all lower chord members and all end post, vertical and diagonal members to 10 feet above the lower chord in through truss spans. See detailed drawings for locations of specified work for each structure.

COATING RUSTED STEEL MEMBERS

After all stratified rust is removed from the member surface using a within 4 feet longitudinal of the joint see detailed drawing for each structure. After removing debris, rust and washing apply a protective coating to the rusted areas of the structural steel with 4 feet of the joint. The coating should be applied to primary steel members (stringers, floor beams, beams and girders). The coating used shall be Rhomar Black-Max or approved equivalent. See attached detailed drawings for locations of specified work for each structure.

BEARING GREASING

After all bearings are power washed all surfaces of the bearing including bearing plates and points of movement shall have lubricant applied. Allow bearings to dry before lubricant is applied. Lubricant must be applied within 48 hours of completing washing. The lubricate shall be 'Never Seez – Mariner's Choice' produce by Bostik Inc., Mobil Centaur Moly NLGI Grades 1 or 2' produced by Mobil Oil, 'Premalube #1 WG' produced by Certified Labs or an approved equivalent. See attached detailed drawings for locations of bearings to receive grease for each structure.

CONCRETE SEALING

All abutment/end bent caps, pedestals and back walls and pier caps shall be sealed after debris removal and power washing. Use compressed air to remove any loose debris from the surfaces that are to be sealed after power washing. Apply sealer to abutment / end bent / pier caps to all horizontal surfaces including pedestals and vertical surfaces 3 feet below the top of cap or ground line whichever is least. Allow the surfaces to be sealed 24 hours minimum to dry before any sealer is applied. The sealer must be applied within 72 hours of pressure washing. The sealer used shall be 'Belzona 5122 Clear Cladding' produced by Belzona International in accordance with the manufactures application instructions. See attached detailed drawings for locations of specified work for each structure.

C. STRUCTURE COMPONENT DEFINITIONS

STRUCTURAL STEEL

All structural steel indicated in the scope of work. Steel beams, Truss members, Bearings, Etc.

DRAINAGE SYSTEM

The drainage system includes all gutter lines 3 feet onto the deck, inside face of cub or barrier wall, grate, drain castings, couplings, funneling systems, drains, scuppers and downspouts.

JOINTS

All joints indicated in the attached detailed drawings for each structure. This includes all troughs below the joint if applicable.

BEARINGS

See attached detailed drawings for locations of bearings for each structure.

ABUTMENT, END BENT AND PIER CAPS

See attached detailed drawings for areas to be addressed for each structure.

D. WASH WATER

Use clean potable water for all pressure washing.

E. ACCESS AND INSPECTION

ACCESS

The Contractor shall provide OSHA compliant safe access for all cleaning operations and inspection.

INSPECTION

The Cabinet will provide inspection for all items required in this contract. Visual inspection will be required upon completion of each work item for each structure component or at the discretion of the Engineer at anytime. All visual inspection shall be preformed for an arm's length distance.

Debris Removal: Visual Inspection

Stratified Rust or Pack Rust Removal: Visual Inspection and Scraper Test any surface cleaned to SSPC SP2 will be inspected by a dull scraper test to ascertain adherence of coating edges.

Power Washing: Visual Inspection

Conduct wiping tests to ensure the cleanliness of steel surfaces.

After washing has been completed per specification, the inspector will conduct wiping tests to establish the cleanliness of coated/steel surfaces. Wiping tests will consist of wiping with black and white cloths (rags). After wiping, each cloth (white and black) will be stored in a waterproof containment and retained until completion of all cleaning for a structure as a reference cloth.

Coating Rusted Steel Members: Visual Inspection

Bearing Greasing: Visual Inspection

Concrete Sealing: Visual Inspection

F. SEASONAL AND WEATHER LIMITATIONS

No work will be performed as specified in these notes before April 1, 2014 unless the Engineer provides written permission. Work will only be performed when the temperature measured at the area of the bridge is greater than 40 degrees Fahrenheit. All materials specified shall be applied according to the manufactures specifications.

G. DAMAGE

Any damage to structure that occurs during the cleaning operations shall be repaired by the Contractor to satisfaction of the Engineer at no additional expense to the cabinet.

H. MEASURMENT

'BRIDGE CLEANING AND PREVENTIVE MAINTENANCE'. The Cabinet shall measure this item as a lump sum.

I. PAYMENT

'BRIDGE CLEANING AND PREVENTIVE MAINTENANCE'. The contract price for this item will be paid as a lump sum. The payment for this bid item at the contract unit price of Lump Sum shall be considered full compensation for complete and accepted work for all work items described in this note which includes all labor, materials, equipment needed to complete all specified items in this contract for 'BRIDGE CLEANING AND PREVENTIVE MAINTENANCE

J. SITE VISIT

We encourage all contractors to visit each site prior to bidding in order to become familiar with the requirement of this work.

SPECIAL NOTE FOR WASTE MANAGEMENT

The Contractor will arrange for an independent agency to obtain representative samples of wastes created at each structure. Samples will be submitted to a KYTC approved independent agency for Toxicity Characteristic Leaching Procedure (TCLP) waste determination. Any debris determined to be hazardous by TCLP will be handled, transported, and disposed of as hazardous waste. Additional payment will be made for the cost only to transport and dispose of any debris that is determined hazardous.

The Department will provide a site on its property for the Contractor to store any debris that is determined hazardous.

The Contractor shall be solely responsible for the management and the disposal of all hazardous waste generated during the cleaning and painting operations in accordance with the Kentucky Revised Statutes, Chapter 224, Subchapter 46, and the Kentucky Administrative Regulations promulgated pursuant thereto.

The Kentucky Transportation Cabinet will file a Notification of Hazardous Waste Activity with the Kentucky Division of Waste Management to obtain an EPA Identification Number in accordance with **401 KAR 32:010, Section 3**. The Cabinet will provide the Contractor with this EPA ID number to be used in hazardous waste management in compliance with **401 KAR 32:010, Section 3 (1)**.

The Contractor shall be responsible for furnishing appropriate U.S. DOT containers that are made or lined with materials which are compatible with the hazardous waste to be stored in accordance with **401 KAR 35:180, Section 3**. All hazardous wastes collected at the job site shall be placed in those containers for transport to the storage site. The containers shall be used and managed at the job site and at the storage site in accordance with **401 KAR 35:180**. Prior to the transfer of the containers of hazardous waste from the job site to the storage area, the containers shall be correctly sealed, labeled, marked and placarded as defined in the pre-transport requirements of **401 KAR 32:030**.

Each container shall be labeled "Hazardous Waste" and the date clearly marked when the hazardous waste is *first* added to the container in compliance with **401KAR 35:180, Section 4(3)**. That date marked is the *start date* of the **seventy-five (75)** day storage period

The generator for the waste under this contract is the Kentucky Transportation Cabinet. All records including the labels on the waste containers and the manifests shall be completed using the Transportation Cabinet as the generator.

The Department requires that all hazardous waste shall be removed within seventy-five (75) days of the accumulation start date. The Contractor shall select a registered hazardous waste transporter to transport the containers of hazardous waste generated during the painting operations to a permitted hazardous waste treatment, storage or disposal facility. The hazardous waste must be manifested with a Uniform Hazardous Waste Manifest that is to be completed, in entirety, as per the regulations of **401 KAR 32:020** and **401 KAR 32:100**. Copies of all manifests with the Land Disposal Restriction Notice must be provided to the Project Manager and the Central Office, Division of Construction.

SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY REGULATIONS

(A) Governing regulations

The coatings on the structures in this contract may contain lead, which is classified as a hazardous (toxic) material. Be knowledgeable of and comply with, all **lead-related** environmental and health regulations governing the Contractor's operations. Comply with regulations current at the time the work is performed and all requirements herein. Collect, transport to waste storage sites, and store hazardous wastes in accordance with applicable environmental and health regulations. The contractor is solely responsible for collection, transport, storage and disposal of all hazardous wastes.

(B) Liabilities and Obligations

The contractor shall be solely responsible for compliance with all applicable environmental and health and safety regulations to the satisfaction of the applicable government regulatory agencies and the Department. The Department assumes no obligations or liabilities for work stoppages or fines due to enforcement actions by government regulatory agencies or to related delays that the Department deems necessary.

(C) State and Local Regulatory Agencies

State and local regulatory agencies charged with enforcing **most** regulations affecting the generation of hazardous wastes and worker safety issues are:

Kentucky Occupational Safety and Health Program, Labor Cabinet, Commonwealth of Kentucky, Frankfort, Kentucky

Environmental and Public Protection Cabinet, Commonwealth of Kentucky, Frankfort, Kentucky

(D) Groundwater and Surface water Protection

The contractor shall prepare and implement a groundwater and surface water protection plan in accordance with **401 KAR 5:037 (Ground Water)**, **KRS 224.70-110** and **401 KAR 10:031 (Surface water)** with the exception that hazardous waste or hazardous materials container volume is not limited to greater than 55 gallons or weight to 100 pounds.

SPECIAL NOTE FOR UTILITIES AND SIGNS

All utilities, traffic lighting, navigational lighting and traffic signs shall be maintain and protected from damage.

**SPECIAL NOTE FOR PRE-BID CONFERENCE
BRIDGE CLEANING AND PREVENTATIVE MAINTENANCE
VARIOUS COUNTIES ~ DISTRICT 8
GROUP NUMBER 121GR13M119 ~ CID NUMBER 132958**

The Department will conduct a Pre-Bid Conference for the subject project on **Tuesday, December 3, 2013 at 11:00AM Eastern Standard Time.**

**Kentucky Department of Highways
District 8 Office
1660 South US 27
Somerset, KY 42502
606-677-4017**

Any company that is interested in bidding on the subject project or being part of a joint venture shall be represented at the conference by at least **one person of sufficient authority to bind the company**. No individual can represent more than one company. At the conference and, during the subsequent field review of the subject bridges, a roster shall be taken of the representatives present. **Only companies represented at the conference and during the field review will be eligible to have their bids opened at the date of letting.**

The purpose of the conference is to familiarize all prospective bidders with the contract requirements within the scope of the contract.

Department of Highways officials present at the conference will answer questions concerning the projects.

No site visit will be required, however the Contractor is encourage to visit each site prior to bidding to become familiar with the requirements of this work. The Cabinet will not consider any claims due to the Contractor having not familiarized the requirements of this work.

GENERAL NOTE FOR MAINTAIN AND CONTROL TRAFFIC

All lane closures on this project shall be in accordance with Kentucky Department of Highways Standard Drawings No. **TTC-100, TTC-115, TTC-110, TTC-120, TTC-135 and the FHWA Manual for Uniform Traffic Control Devices (Current Editions) unless otherwise specified.** Lane closures should be used only when absolutely necessary and kept to the shortest duration possible in order to minimize disruption to the traveling public. No work will be conducted over unprotected traffic at any location. At the discretion of the Engineer, lane closures may be restricted on holiday weekends.

The contractor shall be required to submit in writing, to the department, his complete work schedule 14 days prior to the Pre-Construction Conference. The contractor shall be required to coordinate his efforts with those of any other contractor in the construction area so as to eliminate any lane closures which conflict with this traffic note.

In the event it becomes necessary to make emergency repairs at this project by state forces or by other outside contractors, the (painting) contractor shall agree to alter his work pattern as directed by the engineer so as not to interfere with the emergency work.

The contractor shall be required to furnish all traffic control devices whenever his operations endanger or interfere with vehicular traffic as determined by the engineer. The contractor shall furnish any additional traffic control devices necessary to protect traffic and his workmen. Any costs associated with the added traffic control devices (including arrow boards) shall be incidental to the contract lump sum amount for "maintain and control traffic."

Placement of all devices for lane closures shall start and proceed in the direction of flow of traffic. Removal of devices shall start at the end of the construction area and proceed toward oncoming traffic. The contractor shall provide for the installation of all necessary traffic control devices before beginning work and their immediate removal as soon as work is suspended or completed. During the fully operational periods, when no lane closures are permitted, all equipment shall be totally removed from the job site. Traffic control signs shall be removed or covered (if left in a curb lane).

The contractor's vehicles shall always move with and not across or against the flow of traffic. Vehicles shall enter or leave work areas in a manner that will not be hazardous to or interfere with normal roadway traffic. Vehicles shall not park or stop except within designated work areas.

Personal vehicles shall not be permitted to park within the state right-of-way. The contractor's vehicles shall be prohibited from crossing the roadway and all pedestrian movement of the contractor's personnel on the roadway shall be limited to within the closed work area.

Any lane or shoulder closure shall include the use of a TMA placed between oncoming traffic and equipment or vehicles.

The Engineer may elect to use Variable Message Boards when necessary.

Payment

Payment of the contract lump sum amount for "maintain and control traffic" shall be full compensation for all items necessary to maintain and control traffic on this project. All traffic control items shall remain the property of the contractor when the work is complete.

001B00063L&R, 100B00074L&R

Maintain one usable 12 foot lane in each direction. All lane closures must be removed when not working.

**001B00034N, 100B00055N, 100B00080N, 100B00087N, 100B00098N,
100B00107L, 116B00001N, 116B00036N, 116B00044N**

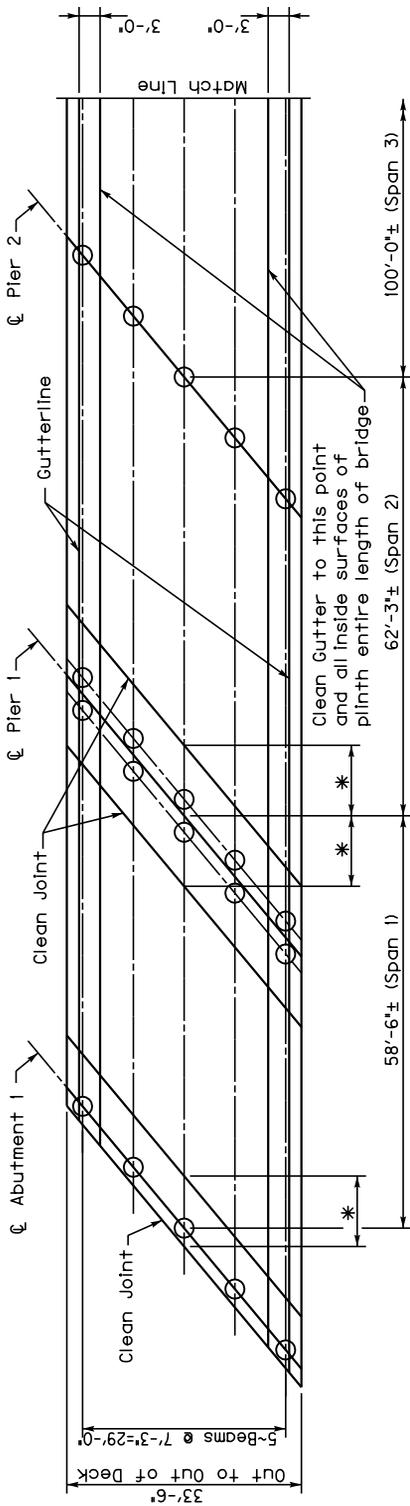
Maintain one usable 12 foot lane using flagging. All lane closures must be removed when not working.

100B00067L&R

Shoulder Closures will be permitted on KY 80 and KY 9008. All shoulder closures must be removed when not working. Each lane of KY 80 may briefly be closed using flagging when cleaning the joint at each end of the bridge.

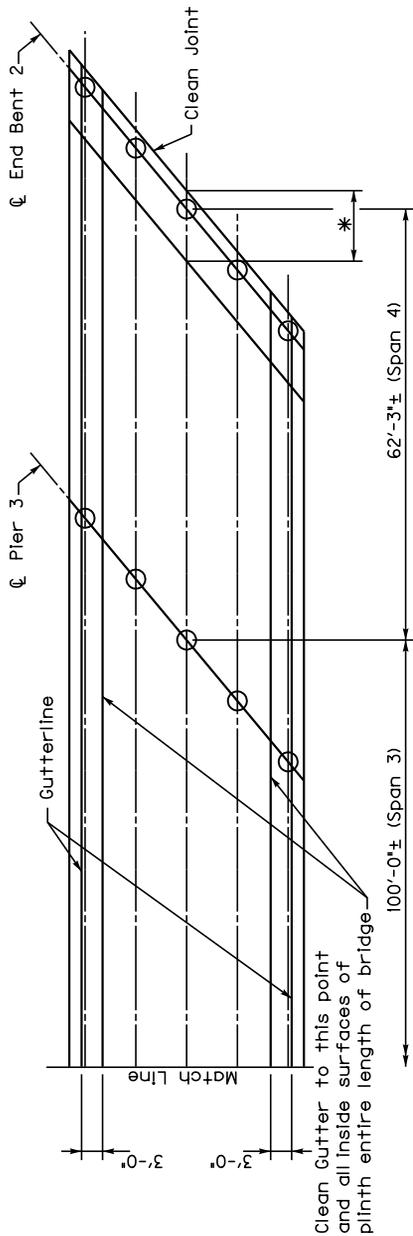
104B00022N

Shoulder Closures will be permitted on US 27 and KY 9008. All shoulder closures must be removed when not working. Each lane of US 27 may briefly be closed using flagging when cleaning the joint at each end of the bridge.



BRIDGE PLAN

(001B00063L Shown, 001B00063R Similar)

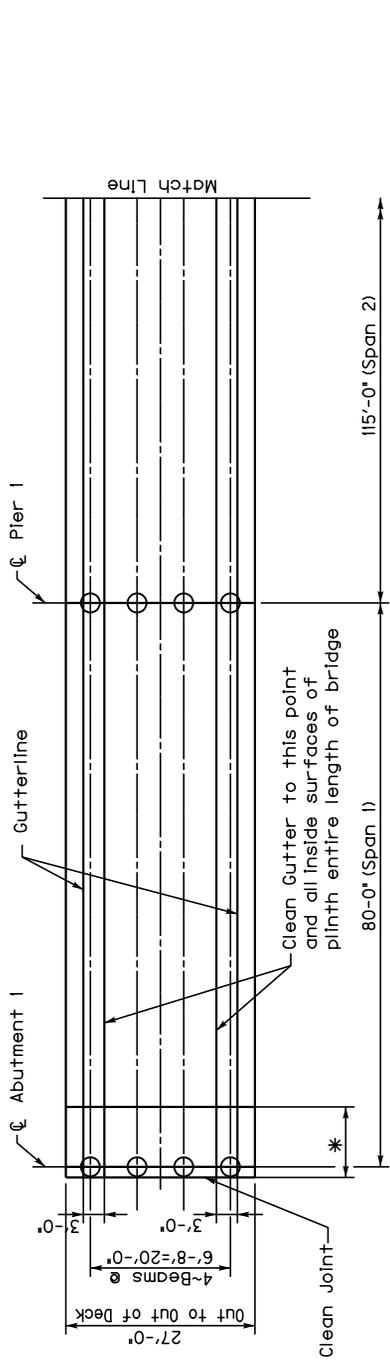


BRIDGE PLAN

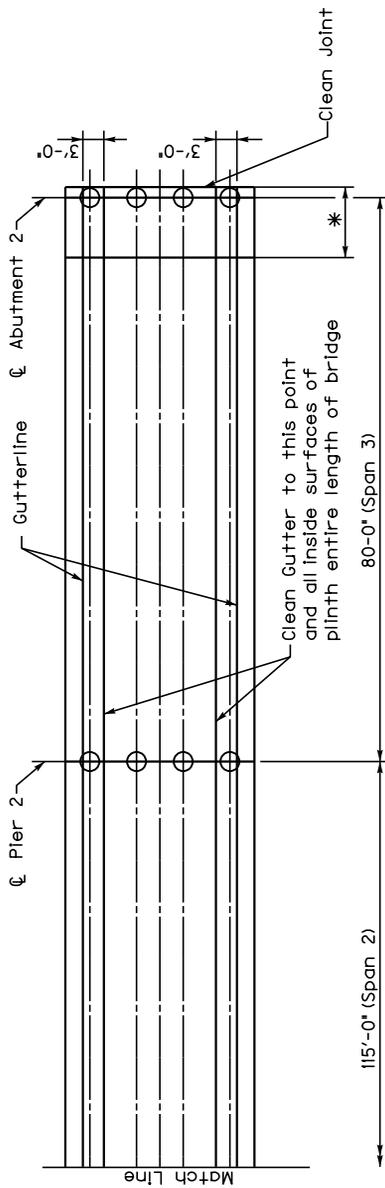
(001B00063L Shown, 001B00063R Similar)

* 4'-0"-Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"-Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 60 total. (Two Structures)
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

FE02 001 9008 B00063L & R
 Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS
 COUNTY
ADAIR
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 Bridge Preservation Branch



BRIDGE PLAN

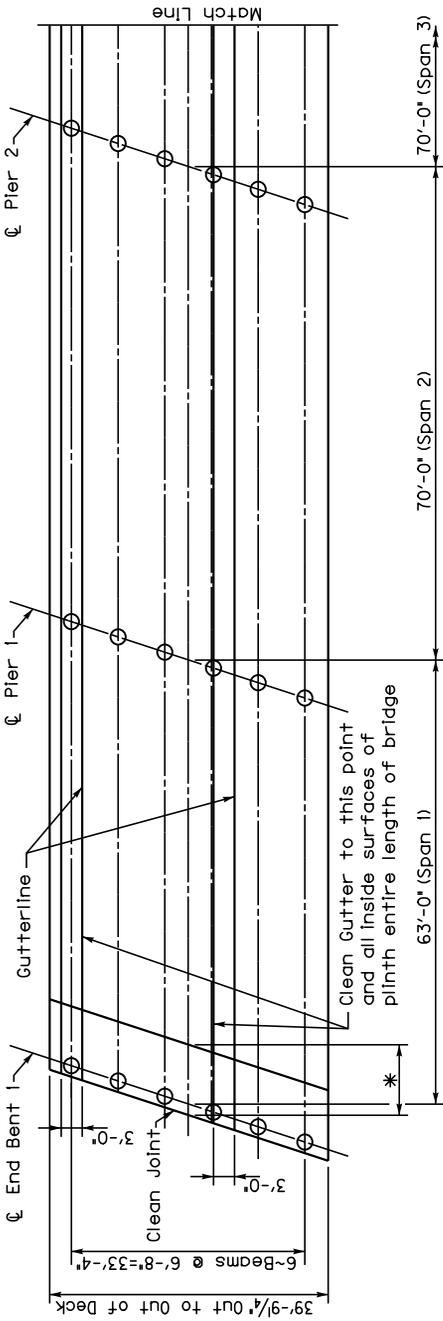


BRIDGE PLAN

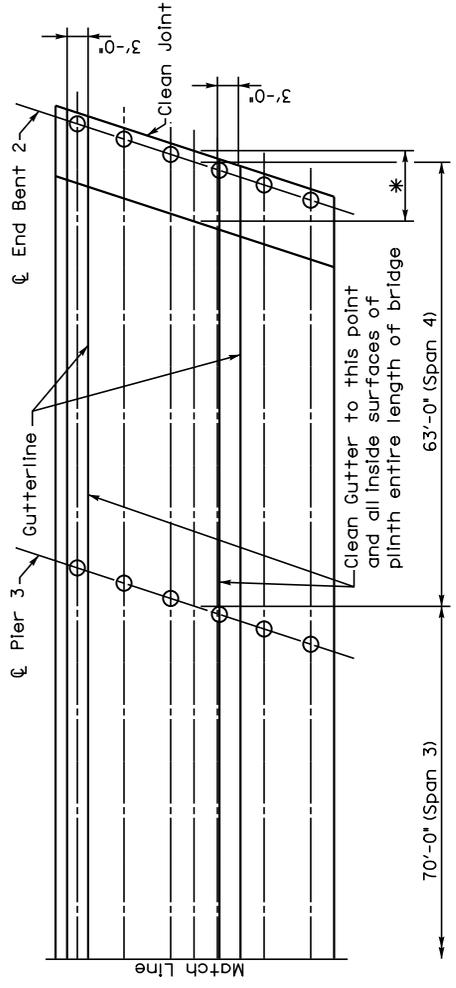
- * 4'-0"-Remove all stratified and pack rust and coat rusted steel members in this limit.
- 10'-0"-Presserwash all structural steel in this limit.
- Indicates bearings to be greased, 16 total.
- Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
- See Social Note for Bridge Cleaning and Preventive Maintenance.

FE02 100 1003 B00055N

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COUNTY PULASKI
LAYOUT SHEET
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BRIDGE PLAN



BRIDGE PLAN

* 4'-0" - Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0" - Presser wash all structural steel in this limit.
 ○ Indicates bearings to be greased, 30 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

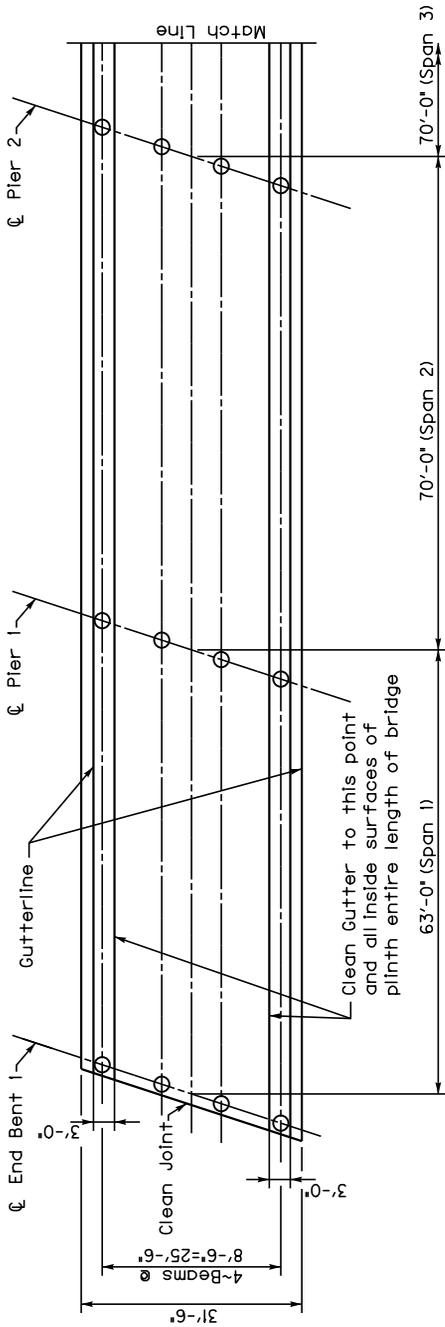
FE02 100 0080 B00067L

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 DEPARTMENT OF HIGHWAYS

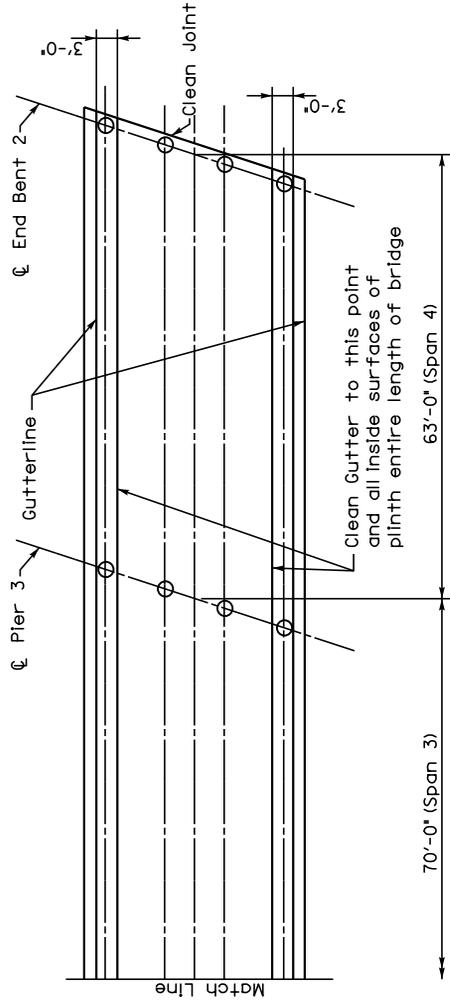
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DIVISION OF MAINTENANCE
 Bridge Preservation Branch



BRIDGE PLAN

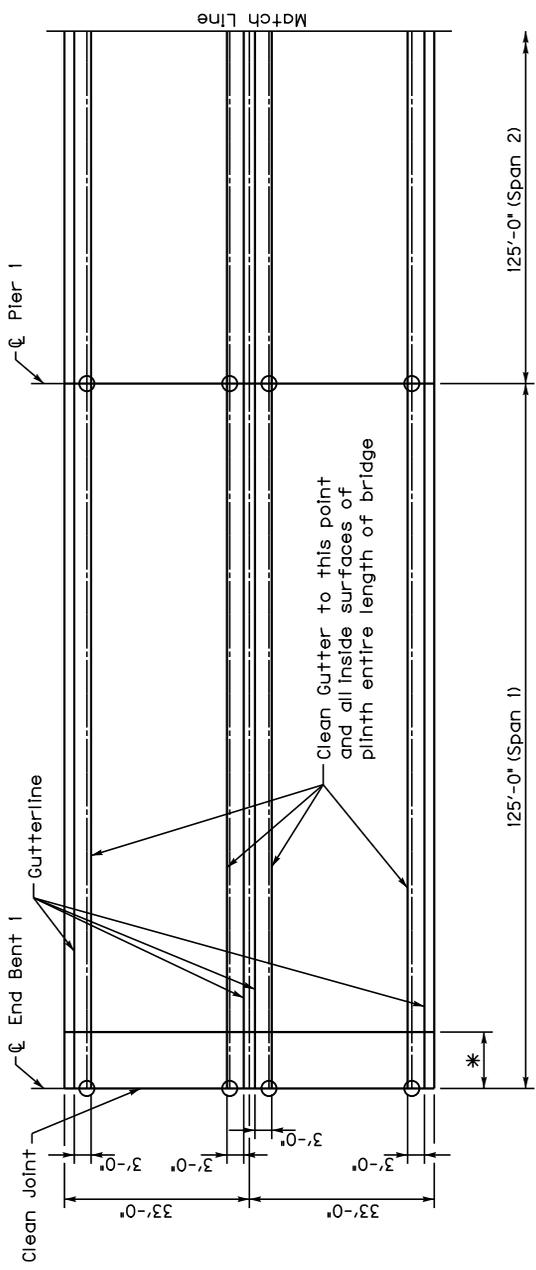


BRIDGE PLAN

○ Indicates bearings to be greased, 30 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

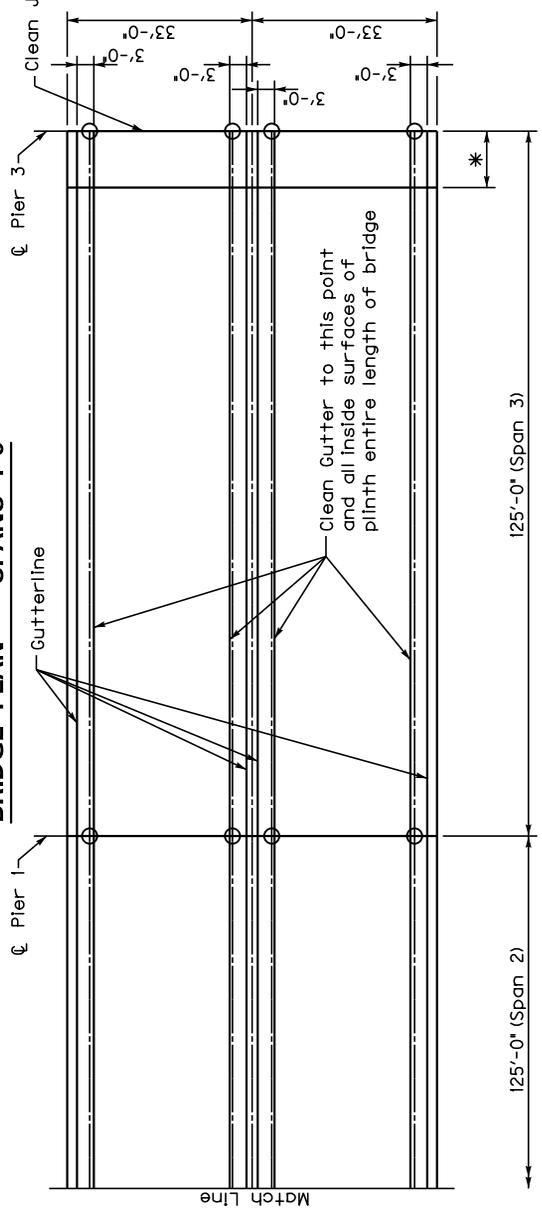
FE02 100 0080 B00067R

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY PULASKI
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Bridge Preservation Branch



BRIDGE PLAN ~ SPANS 1-3

* 4'-0"-Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"-Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 16 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.



BRIDGE PLAN ~ SPANS 1-3

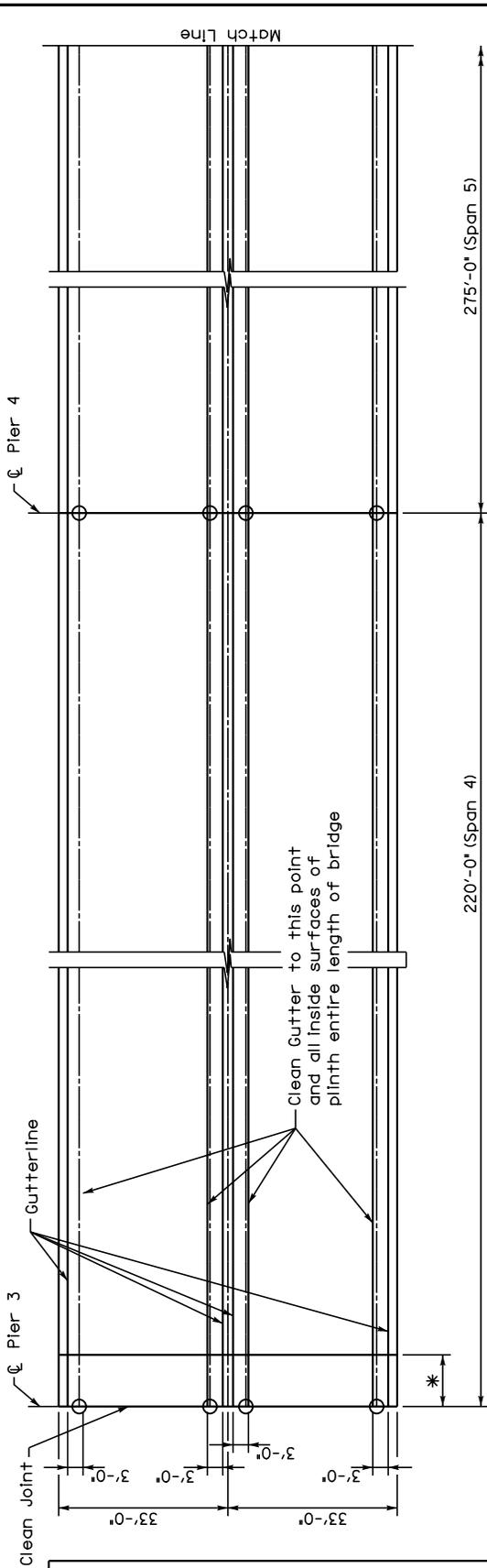
FE02 100 9008 B00074L & R

Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS

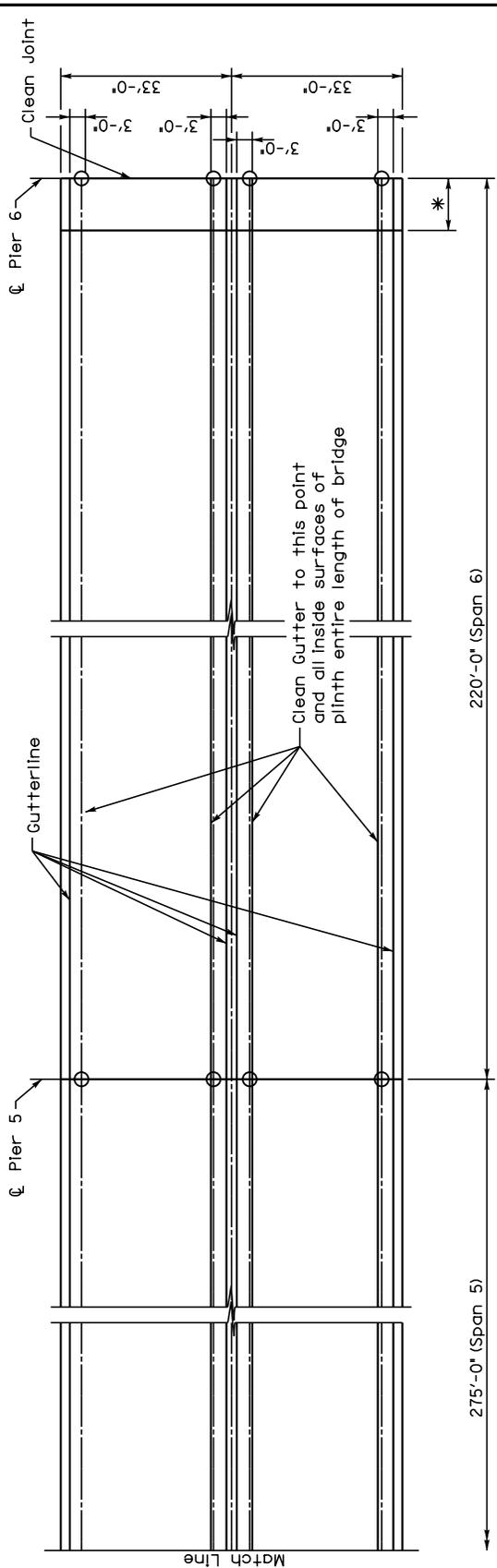
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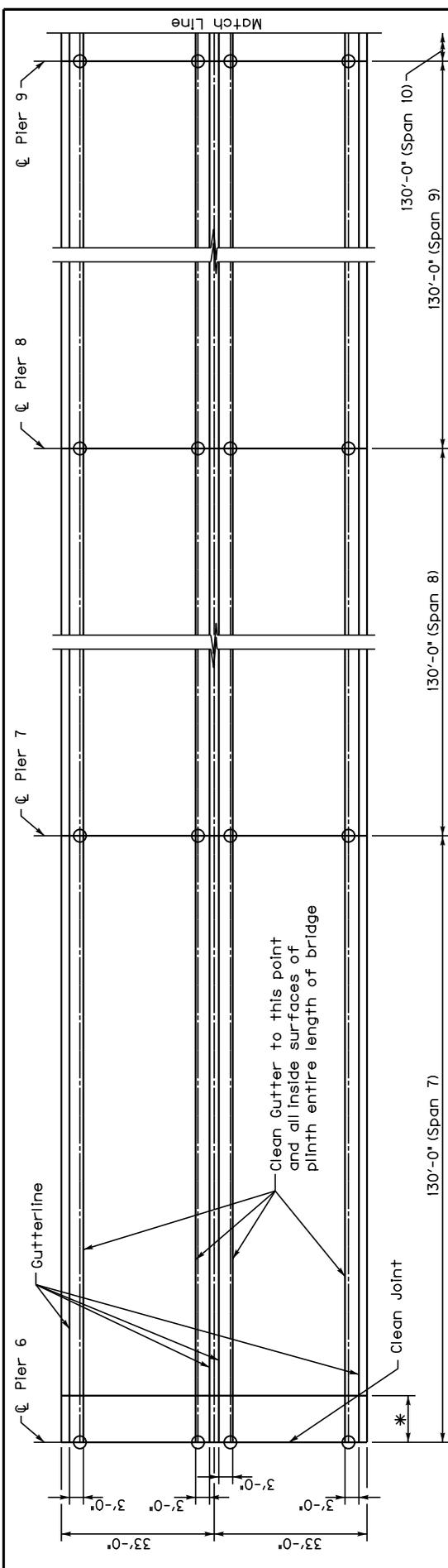
BRIDGE PLAN ~ SPANS 4-6



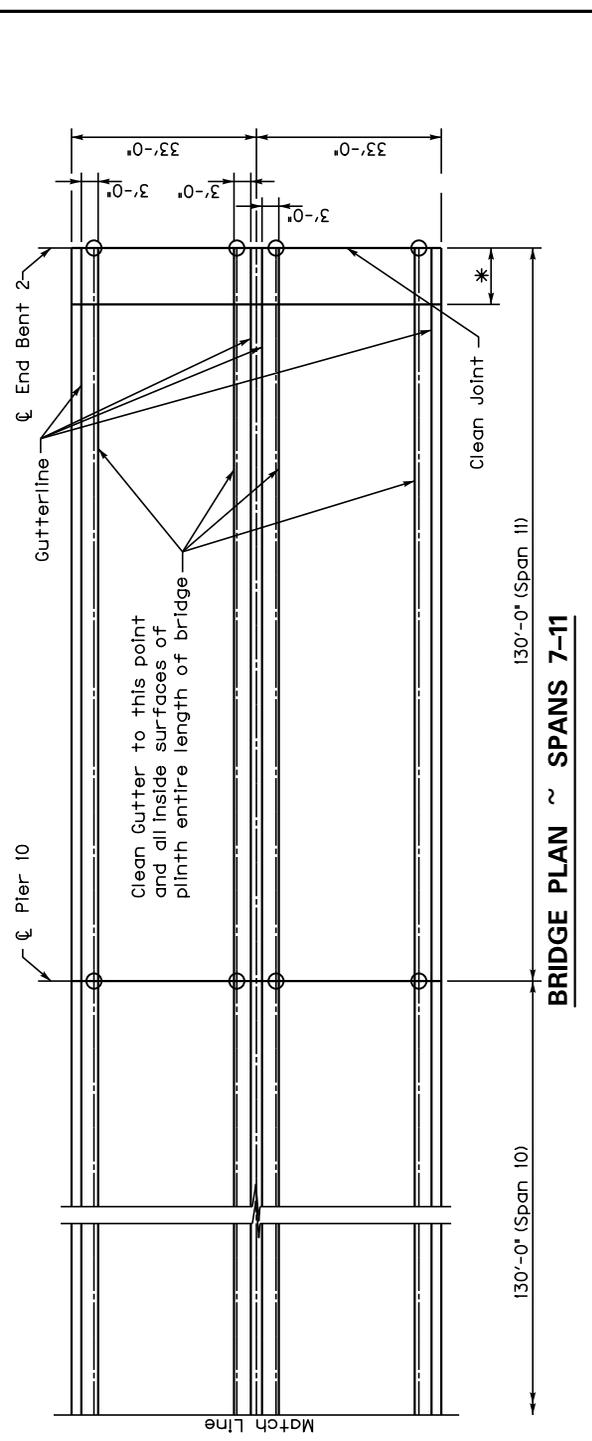
BRIDGE PLAN ~ SPANS 4-6

* 4'-0"~Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"~Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 16 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Seclal Note for Bridge Cleaning and Preventive Maintenance.

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BRIDGE PLAN ~ SPANS 7-11



BRIDGE PLAN ~ SPANS 7-11

* 4'-0"~Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"~Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 24 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

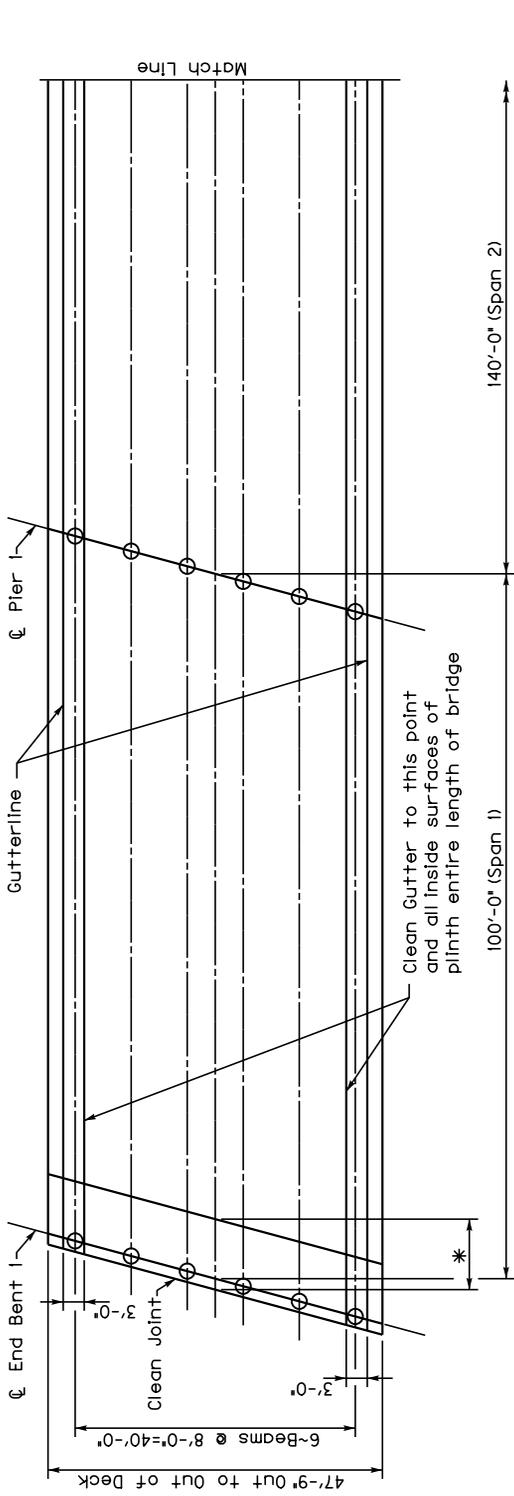
FE02 100 9008 B00074L & R

Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS

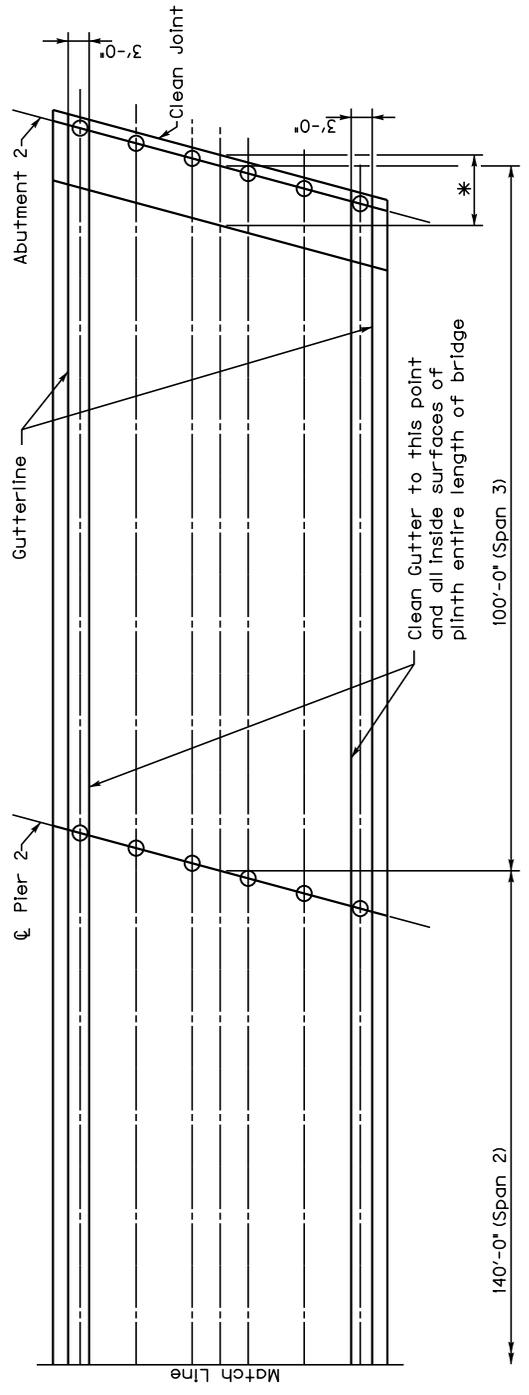
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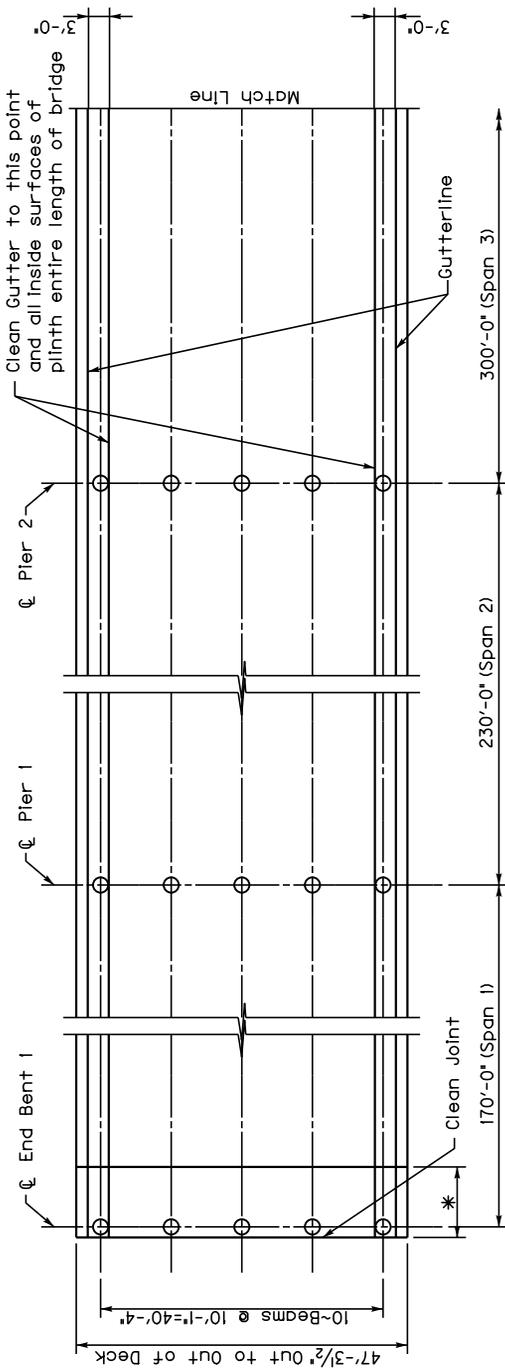
BRIDGE PLAN



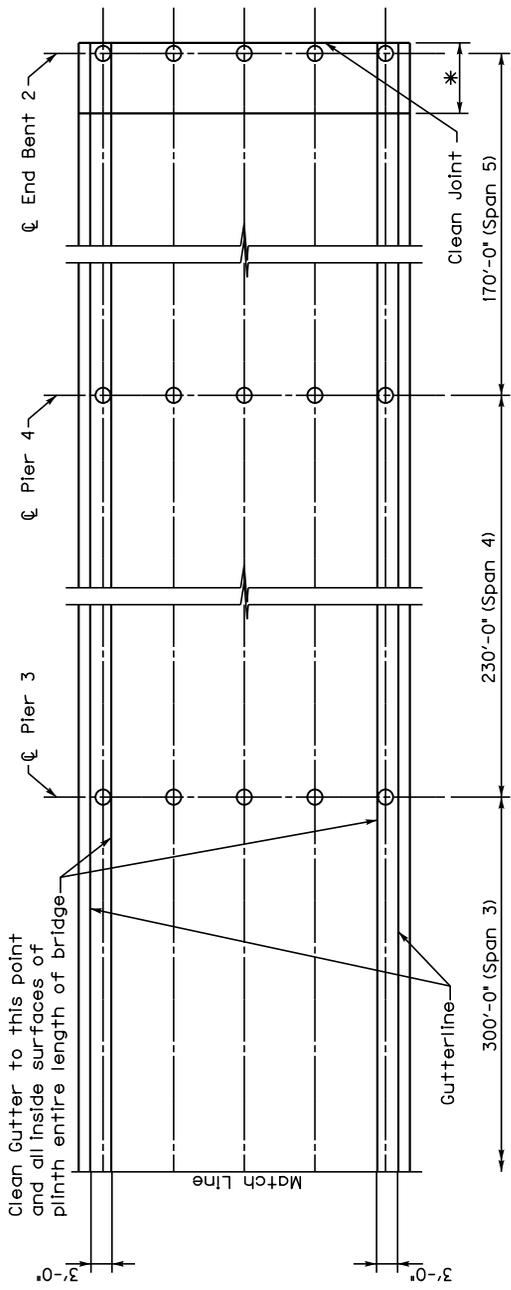
BRIDGE PLAN

* 4'-0"~Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"~Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 24 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructrue units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

FE02 100 0080 B00080N
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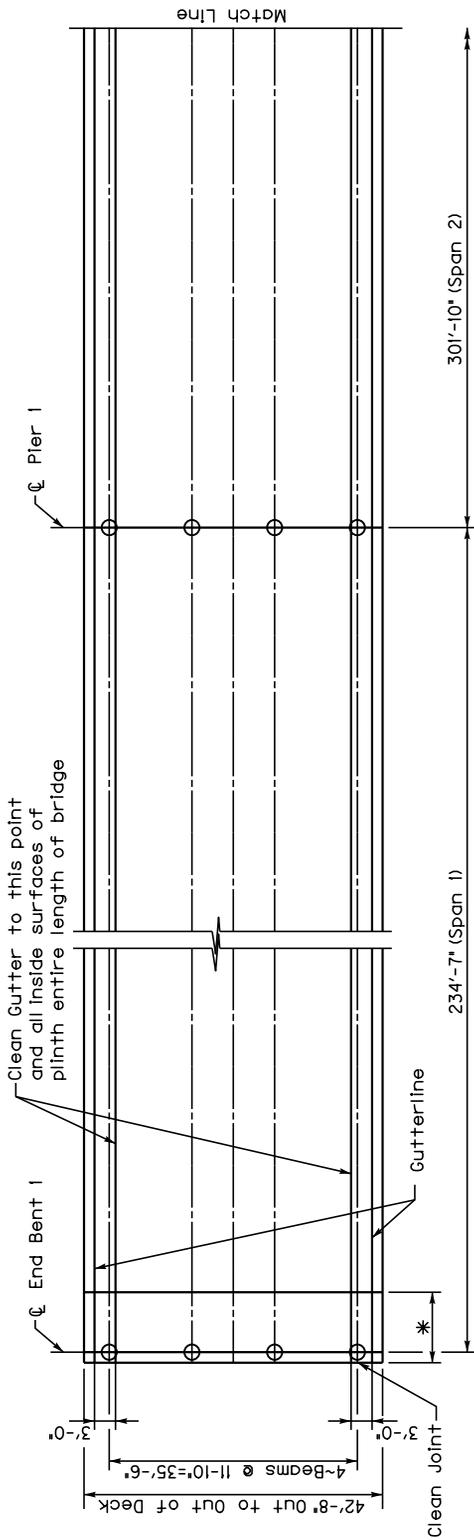
BRIDGE PLAN



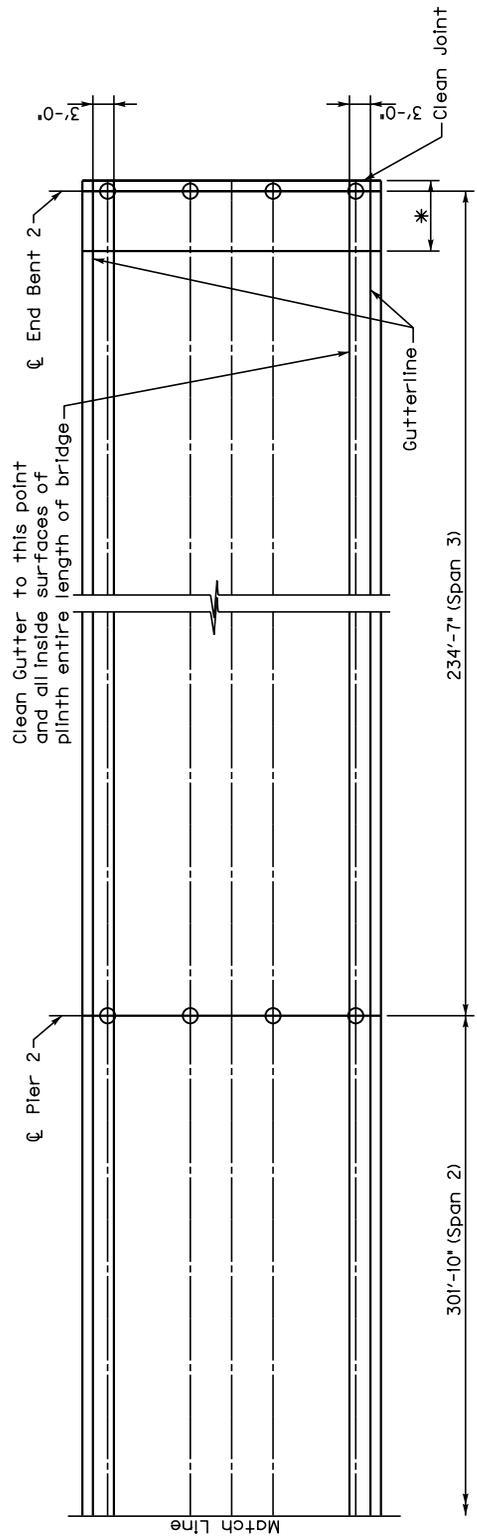
BRIDGE PLAN

* 4'-0"~Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"~Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 30 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

FE02 100 0080 B00087N
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BRIDGE PLAN

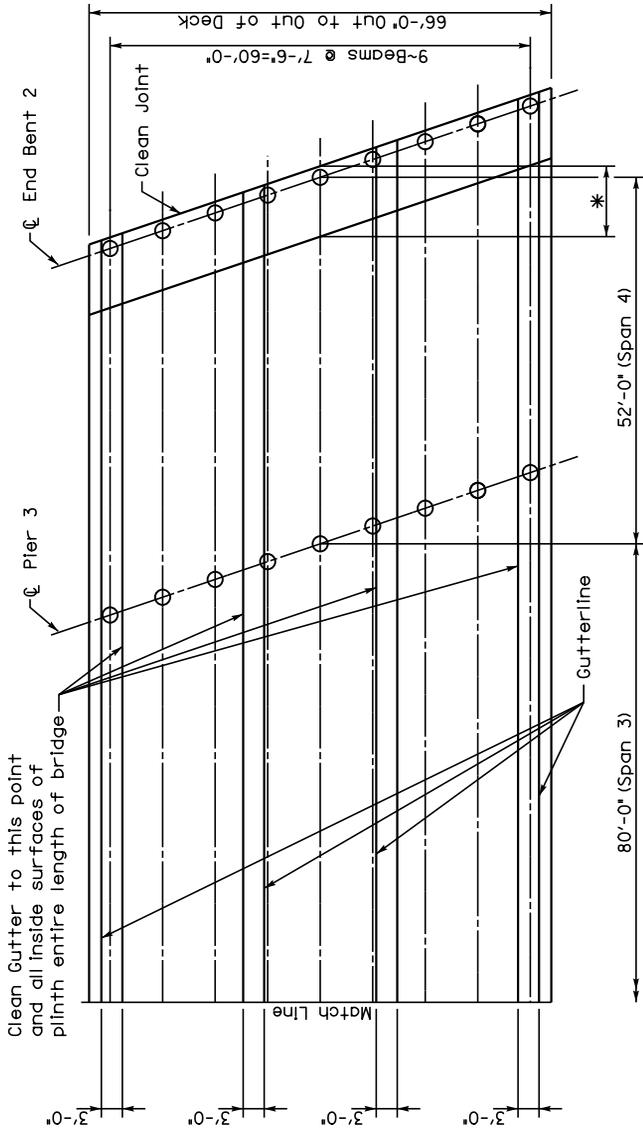


BRIDGE PLAN

* 4'-0"-Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"-Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 16 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Seclal Note for Bridge Cleaning and Preventive Maintenance.

FE02 100 0027 B00107N

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY PULASKI
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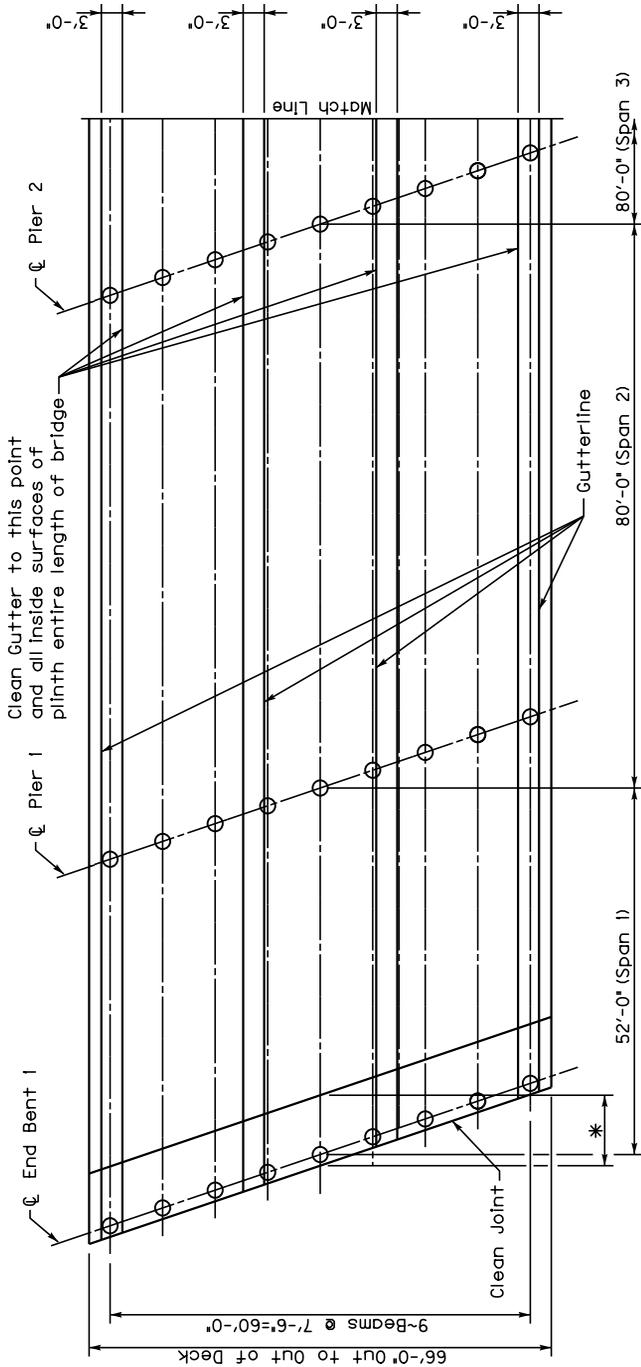


BRIDGE PLAN

* 4'-0" - Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0" - Presser wash all structural steel in this limit.
 O Indicates bearings to be greased, 45 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

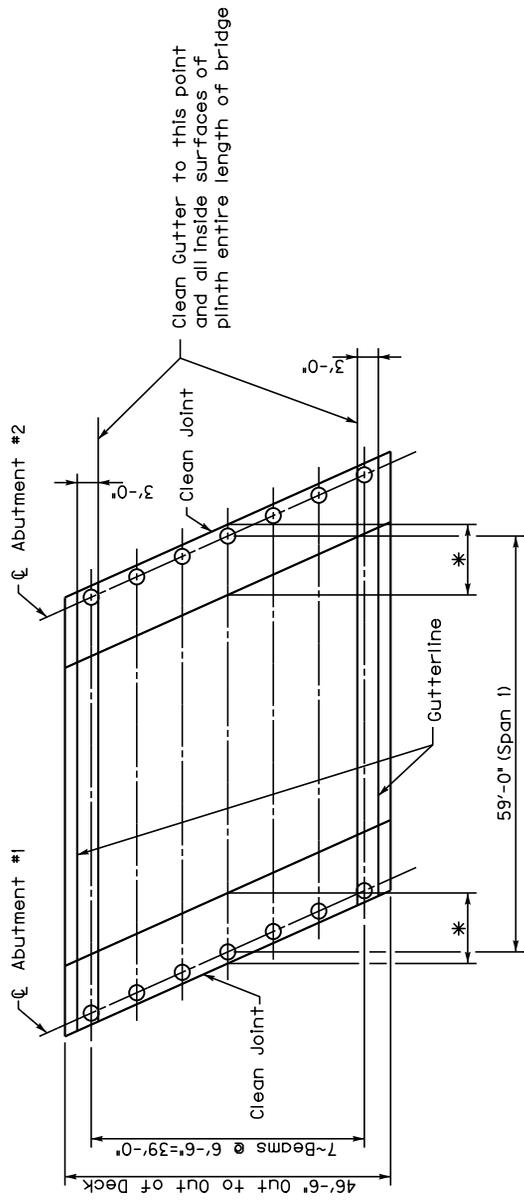
FE02 104 0127 B00022N

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY RUSSELL
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DIVISION OF MAINTENANCE Bridge Preservation Branch



FE02 104 0127 B00022N

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY RUSSELL
PREPARED BY LAYOUT SHEET
DIVISION OF Division of Maintenance Bridge Preservation Branch

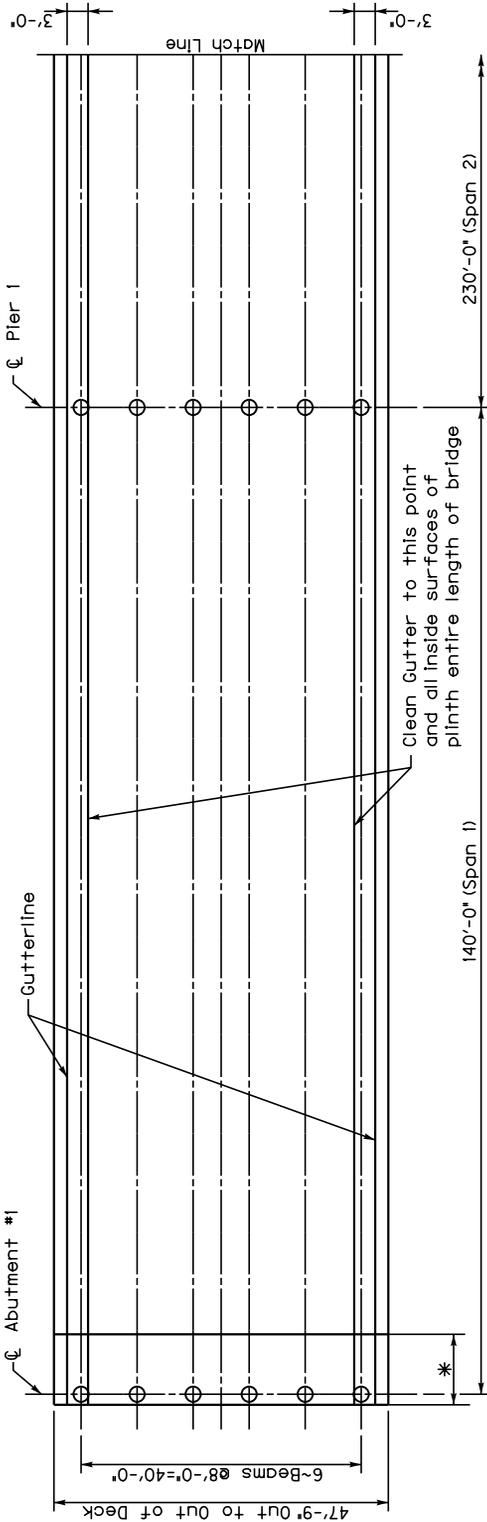


BRIDGE PLAN

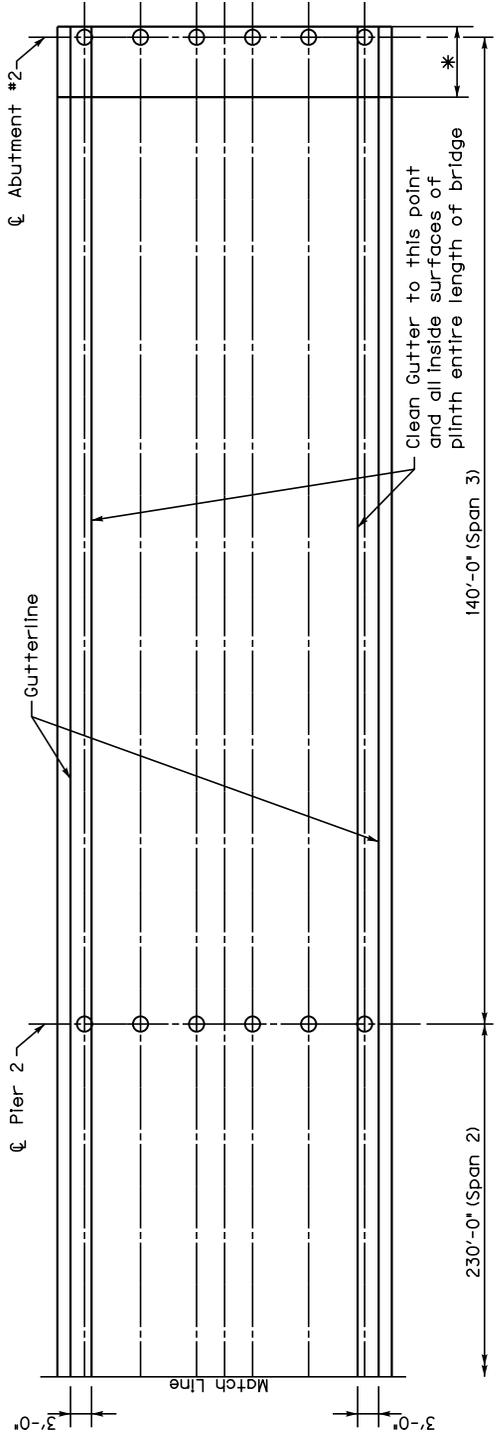
- * 4'-0"~Remove all stratified and pack rust and coat rusted steel members in this limit.
- 10'-0"~Pressure wash all structural steel in this limit.
- Indicates bearings to be greased, 14 total.
- Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
- See Social Note for Bridge Cleaning and Preventive Maintenance.

FE02 116 0090 B00001N

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY WAYNE
LAYOUT SHEET
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BRIDGE PLAN

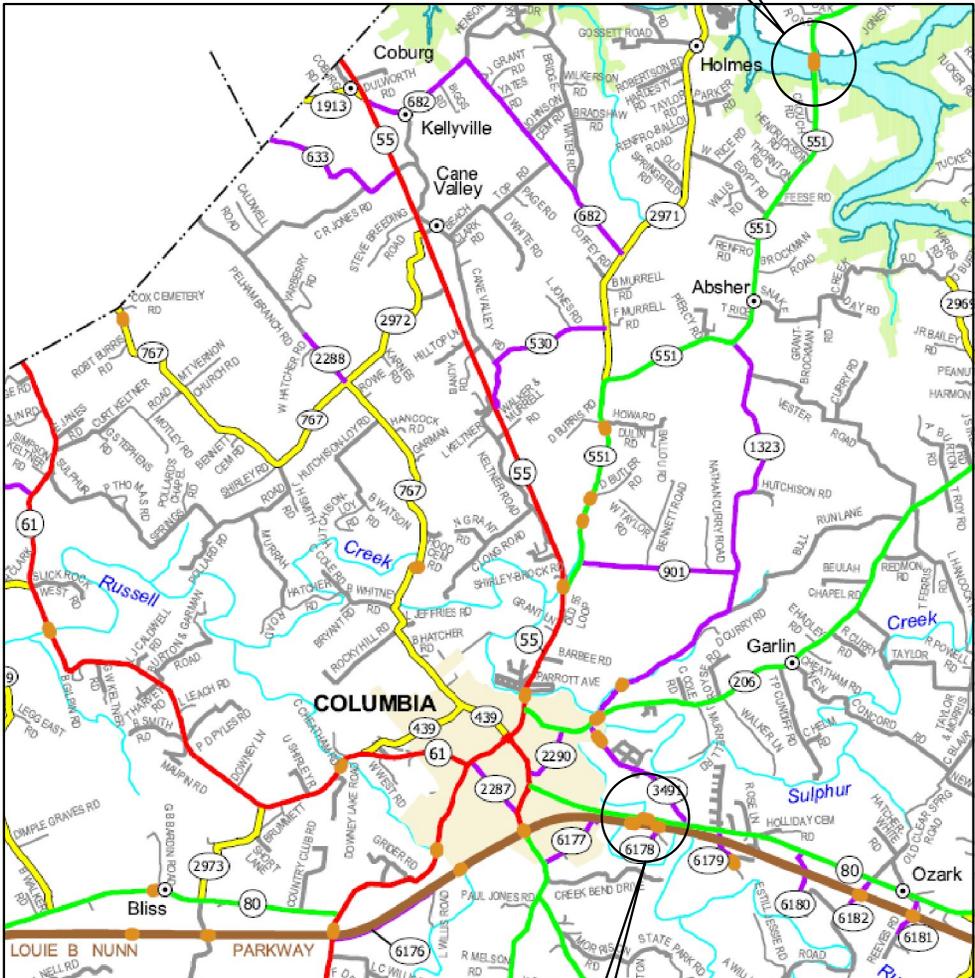


BRIDGE PLAN

* 4'-0"~Remove all stratified and pack rust and coat rusted steel members in this limit.
 10'-0"~Presserwash all structural steel in this limit.
 ○ Indicates bearings to be greased, 24 total.
 Remove Debris, Pressure Wash and apply concrete sealant at all substructure units.
 See Social Note for Bridge Cleaning and Preventive Maintenance.

FE02 116 0090 B00036N
 Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS
 COUNTY
WAYNE
 LAYOUT SHEET
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 Bridge Preservation Branch

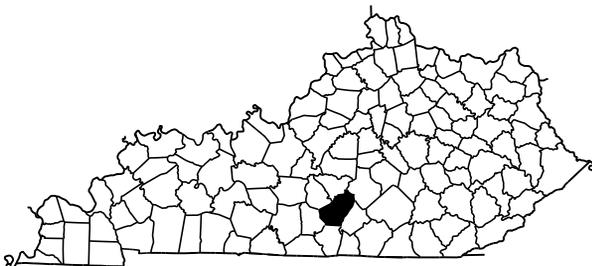
FE02 001 0551 B00034N 06.98
 KY 551 over Green River Lake
 Latitude - 37 12' 18.16"
 Longitude - 085 14' 49.43"



FE02 001 9008 B00063L 50.10
 KY 9008 WB over Green River Lake
 Latitude - 37 05' 23.32"
 Longitude - 085 16' 56.68"

FE02 001 9008 B00063R 50.07
 KY 9008 EB over Green River Lake
 Latitude - 37 05' 22.87"
 Longitude - 085 16' 58.03"

LOCATION MAP



FE02 116 0090 B00036N

Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS

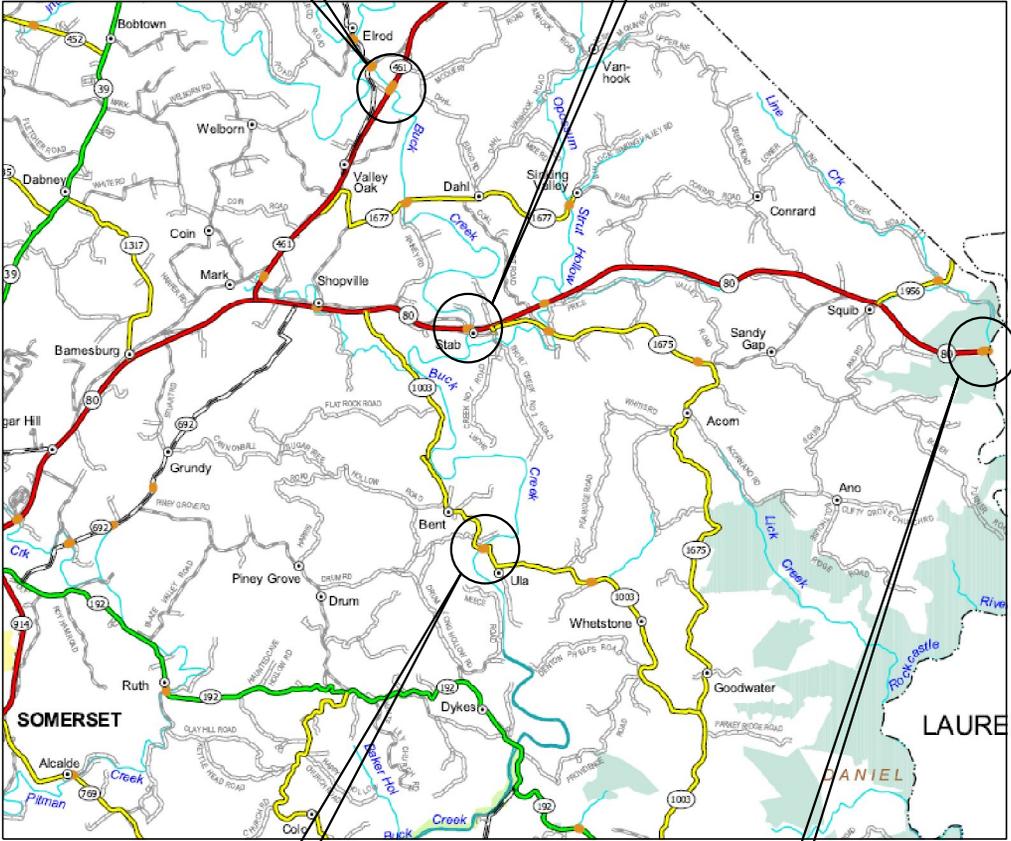
COUNTY
ADAIR

LOCATION MAP

PREPARED BY
 Division of Maintenance
 Bridge Preservation Branch

FE02 100 0461 B00098N 03.88
 KY 461 over Buck Creek
 Latitude - 37 12' 21.60"
 Longitude - 084 27' 31.80"

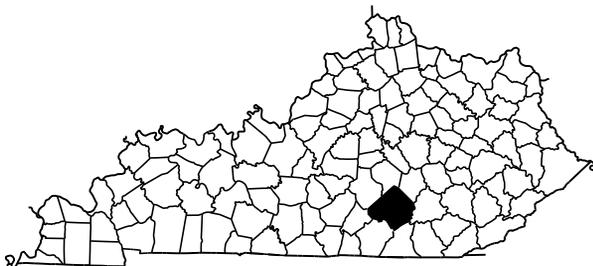
FE02 100 0080 B00080N 31.01
 KY 80 over Buck Creek
 Latitude - 37 09' 08.82"
 Longitude - 084 26' 17.46"



FE02 100 1003 B00055N 08.17
 KY 1003 over Buck Creek
 Latitude - 37 06' 13.48"
 Longitude - 084 26' 07.03"

FE02 100 0080 B00087N 39.63
 KY 80 over Rockcastle River
 Latitude - 37 08' 44.68"
 Longitude - 084 17' 36.86"

LOCATION MAP



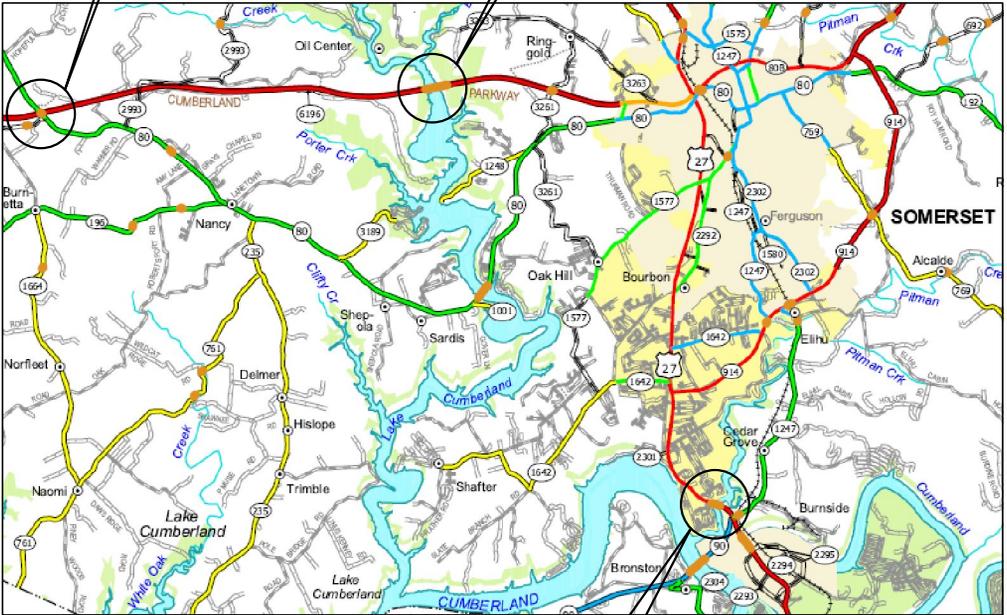
FE02 116 0090 B00036N
 Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS
 COUNTY
PULASKI
 LOCATION MAP
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FE02 100 0080 B00067L 05.83
 KY 80 WB over KY 9008
 Latitude - 37 05' 33.49"
 Longitude - 084 48' 03.40"

FE02 100 0080 B00067R 05.83
 KY 80 WB over KY 9008
 Latitude - 37 05' 33.49"
 Longitude - 084 48' 03.40"

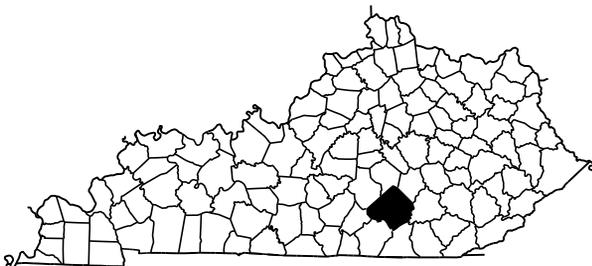
FE02 100 9008 B00074R 84.47
 KY 9008 EB over Fishing Creek
 Latitude - 37 05' 51.13"
 Longitude - 084 41' 28.86"

FE02 100 9008 B00074L 84.47
 KY 9008 WB over Fishing Creek
 Latitude - 37 05' 51.45"
 Longitude - 084 41' 28.95"

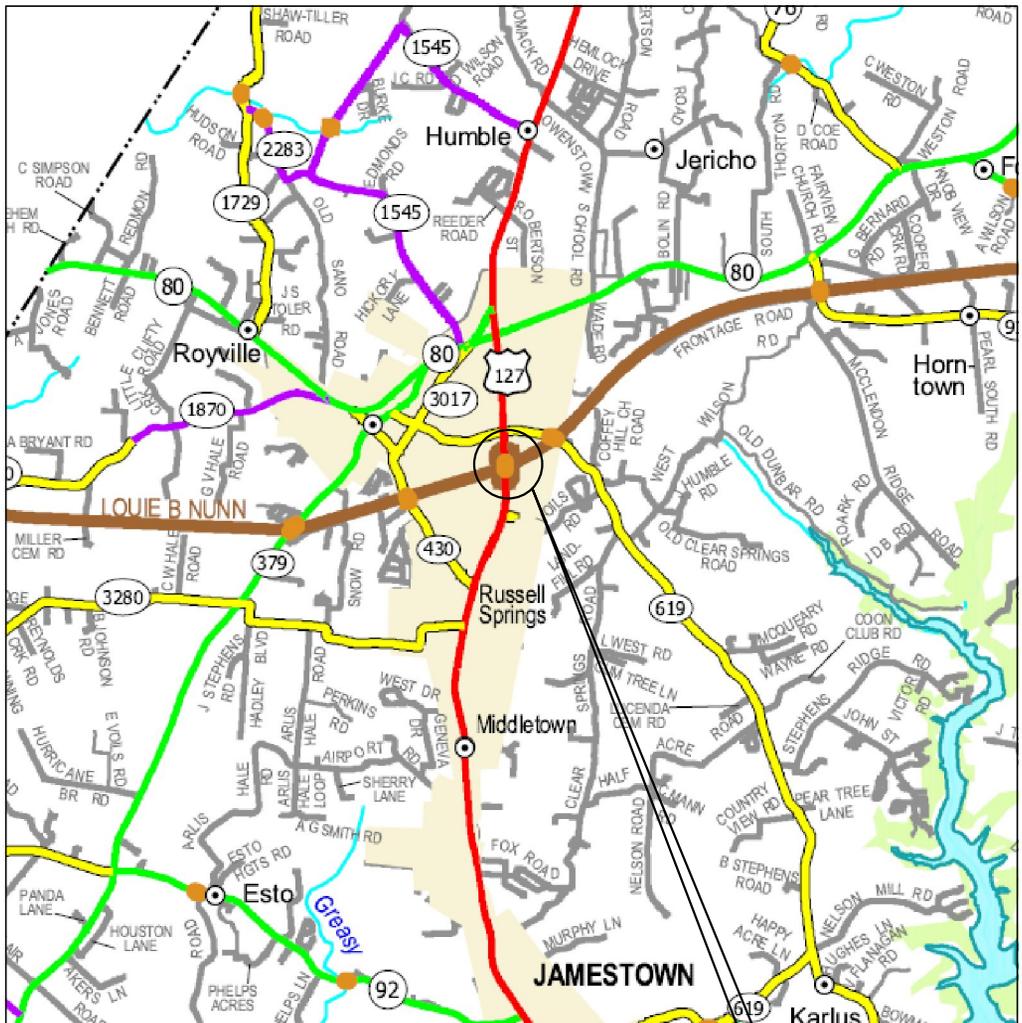


FE02 100 0027 B00107L 10.13
 US 27 over Pittman Creek
 Latitude - 37 00' 15.59"
 Longitude - 084 36' 52.74"

LOCATION MAP

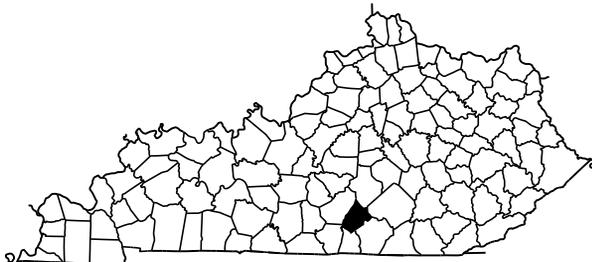


FE02 116 0090 B00036N
 Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS
 COUNTY
PULASKI
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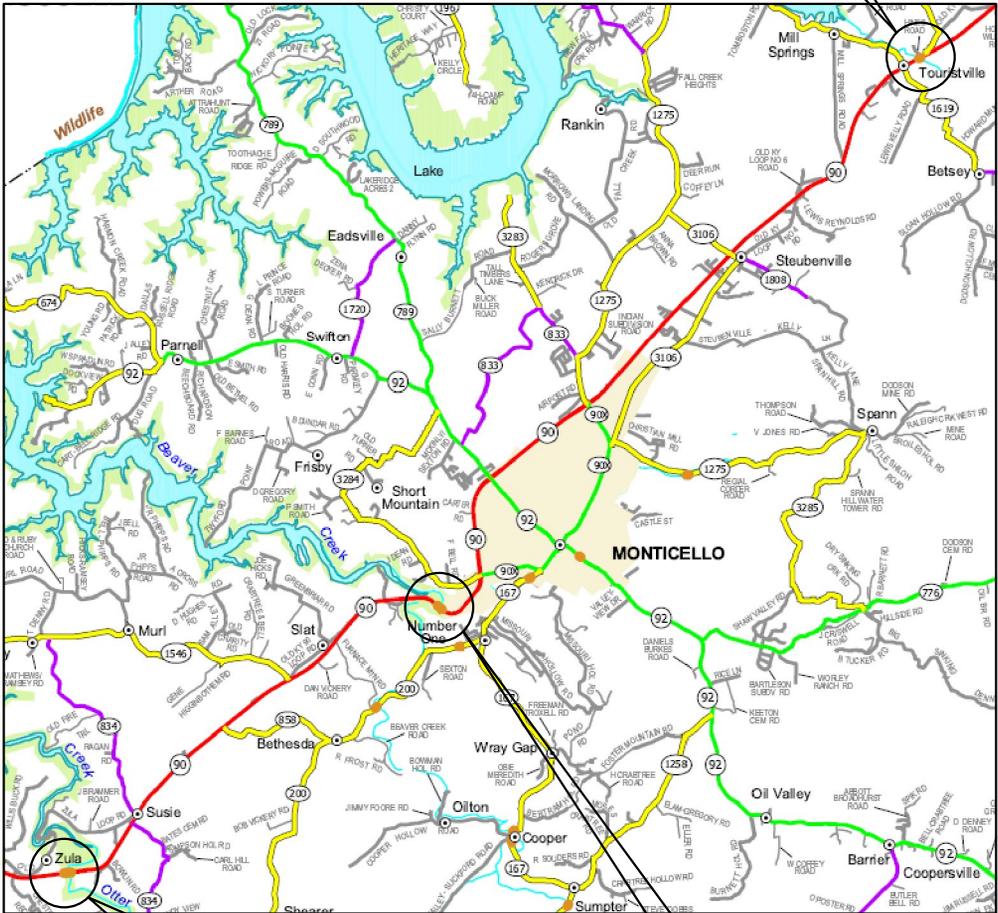
FE02 104 0027 B00022N 31.01
 US 27 over KY 9008
 Latitude - 37 03' 05.27"
 Longitude - 084 04' 12.45"

LOCATION MAP



FE02 116 0090 B00036N	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS	
COUNTY RUSSELL	
LOCATION MAP	
PREPARED BY Division of Maintenance Bridge Preservation Branch	

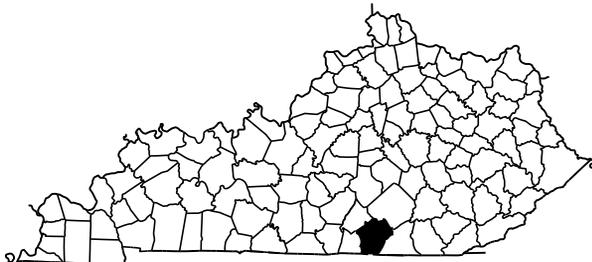
FE02 116 0090 B00001N 19.51
 KY 90 over Meadow Creek
 Latitude - 36 55' 37.77"
 Longitude - 084 45' 27.68"



FE02 116 0090 B00036N 01.91
 KY 90 over Otter Creek
 Latitude - 36 45' 53.56"
 Longitude - 084 58' 26.71"

FE02 116 0090 B00044N 08.69
 KY 90 over Beaver Creek
 Latitude - 36 49' 03.52"
 Longitude - 084 52' 47.73"

LOCATION MAP



FE02 116 0090 B00036N
 Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS
 COUNTY
WAYNE
LOCATION MAP
 PREPARED BY
 Division of Maintenance
 Bridge Preservation Branch

MATERIAL SUMMARY

CONTRACT ID: 132958

121GR12M119-FE02

MB00105511301

ADAIR COUNTY KNIFLEY ROAD KY 551 OVER
GREEN RIVER LAKE-MP 06.98. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 001B00034N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 001B00034N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB00190081301

ADAIR COUNTY LOUIE B. NUNN PARKWAY KY 9008 WB
OVER GREEN RIVER LAKE-MP 50.10. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 001B00063L	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 001B00063L	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB00190081302

ADAIR COUNTY LOUIE B. NUNN PARKWAY KY 9008 EB
OVER GREEN RIVER LAKE-MP 50.10. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 001B00063R	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 001B00063R	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 132958

121GR12M119-FE02

MB10000271301

PULASKI COUNTY BURNSIDE ROAD US 27
 OVER PUTTMAN CREEK-MP 10.31. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00107N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00107N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB10000801301

PULASKI COUNTY LONDON ROAD KY 80 WB OVER
 LOUIE B. NUNN PARKWAY KY 9008
 -MP 05.83. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00067L	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00067L	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB10000801302

PULASKI COUNTY LONDON ROAD KY 80 EB OVER
 LOUIE B. NUNN PARKWAY KY 9008
 -MP 05.83. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00067R	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00067R	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 132958

121GR12M119-FE02

MB10000801303

PULASKI COUNTY LONDON ROAD KY 80
OVER BUCK CREEK-MP31.01. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00080N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00080N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB10000801304

PULASKI COUNTY LONDON ROAD KY 80
OVER ROCKCASTLE RIVER-MP 39.63. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00087N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00087N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB10004611301

PULASKI COUNTY CUMBERLAND LAKE PARKWAY KY 461
OVER BUCK CREEK-MP 03.88. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00098N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00098N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 132958

121GR12M119-FE02

MB10010031301

PULASKI COUNTY ULA ROAD KY 1003 OVER
 BUCK CREEK-MP 08.17. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00055N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00055N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB10090081301

PULASKI COUNTY LOUIE B. NUNN PARKWAY KY 9008 WB
 OVER FISHING CREEK -MP 84.47. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00074L	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00074L	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB10090081302

PULASKI COUNTY LOUIE B. NUNN PARKWAY KY 9008 EB
 OVER FISHING CREEK -MP 84.47. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 100B00074R	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 100B00074R	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 132958

121GR12M119-FE02

MB10401271301

RUSSELL COUNTY US 127 OVER KY 9008-MP 31.01. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 104B00022N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 104B00022N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB11600901303

WAYNE COUNTY KY 90 OVER MEDOW CREEK-MP 19.51. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 116B00001N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 116B00001N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 132958

121GR12M119-FE02

MB11600901304

WAYNE COUNTY KY 90 OVER OTTER CREEK-MP 01.91. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 116B00036N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 116B00036N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 132958

121GR12M119-FE02

MB11600901305

WAYNE COUNTY KY 90 OVER BEAVER CREEK-MP 08.69. BRIDGE CLEANING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	02650	MAINTAIN & CONTROL TRAFFIC - 116B00044N	1.00	LS
0020	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - 116B00044N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

PART II
SPECIFICATIONS AND STANDARD DRAWINGS

SPECIFICATIONS REFERENCE

Any reference in the plans or proposal to previous editions of the *Standard Specifications for Road and Bridge Construction* and *Standard Drawings* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2012* and *Standard Drawings, Edition of 2012 with the 2012 Revision*.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
Effective with the September 27, 2013 Letting**

Subsection:	108.03 Preconstruction Conference.
Revision:	Replace 8) Staking with the following: 8) Staking (designated by a Professional Engineer or Land Surveyor licensed in the Commonwealth of Kentucky.
Subsection:	109.07.02 Fuel.
Revision:	Revise item Crushed Aggregate Used for Embankment Stabilization to the following: Crushed Aggregate Used for Stabilization of Unsuitable Materials Used for Embankment Stabilization
Subsection:	110.02 Demobilization.
Revision:	Replace the first part of the first sentence of the second paragraph with the following: Perform all work and operations necessary to accomplish final clean-up as specified in the first paragraph of Subsection 105.12;
Subsection:	112.03.12 Project Traffic Coordinator (PTC).
Revision:	Replace the last paragraph of this subsection with the following: Ensure the designated PTC has sufficient skill and experience to properly perform the task assigned and has successfully completed the qualification courses.
Subsection:	112.04.18 Diversions (By-Pass Detours).
Revision:	Insert the following sentence after the 2nd sentence of this subsection. The Department will not measure temporary drainage structures for payment when the contract documents provide the required drainage opening that must be maintained with the diversion. The temporary drainage structures shall be incidental to the construction of the diversion. If the contract documents fail to provide the required drainage opening needed for the diversion, the cost of the temporary drainage structure will be handled as extra work in accordance with section 109.04.
Subsection:	201.03.01 Contractor Staking.
Revision:	Replace the first paragraph with the following: Perform all necessary surveying under the general supervision of a Professional Engineer or Land Surveyor licensed in the Commonwealth of Kentucky.
Subsection:	201.04.01 Contractor Staking.
Revision:	Replace the last sentence of the paragraph with the following: Complete the general layout of the project under the supervision of a Professional Engineer or Land Surveyor licensed in the Commonwealth of Kentucky.
Subsection:	206.04.01 Embankment-in-Place.
Revision:	Replace the fourth paragraph with the following: The Department will not measure suitable excavation included in the original plans that is disposed of for payment and will consider it incidental to Embankment-in-Place.
Subsection:	208.02.01 Cement.
Revision:	Replace paragraph with the following: Select Type I or Type II cement conforming to Section 801. Use the same type cement throughout the work.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
Effective with the September 27, 2013 Letting**

Subsection:	208.03.06 Curing and Protection.
Revision:	Replace the fourth paragraph with the following: Do not allow traffic or equipment on the finished surface until the stabilized subgrade has cured for a total of 7-days with an ambient air temperature above 40 degrees Fahrenheit. A curing day consists of a continuous 24-hour period in which the ambient air temperature does not fall below 40 degrees Fahrenheit. Curing days will not be calculated consecutively, but must total seven (7) , 24-hour days with the ambient air temperature remaining at or above 40 degrees Fahrenheit before traffic or equipment will be allowed to traverse the stabilized subgrade. The Department may allow a shortened curing period when the Contractor requests. The Contractor shall give the Department at least 3 day notice of the request for a shortened curing period. The Department will require a minimum of 3 curing days after final compaction. The Contractor shall furnish cores to the treated depth of the roadbed at 500 feet intervals for each lane when a shortened curing time is requested. The Department will test cores using an unconfined compression test. Roadbed cores must achieve a minimum strength requirement of 80 psi.
Subsection:	208.03.06 Curing and Protection.
Revision:	Replace paragraph nine with the following: At no expense to the Department, repair any damage to the subgrade caused by freezing.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	A) Seed Mixtures for Permanent Seeding.
Number:	2)
Revision:	Replace the paragraph with the following: Permanent Seeding on Slopes Greater than 3:1 in Highway Districts 4, 5, 6, and 7. Apply seed mix Type II at a minimum application rate of 100 pounds per acre. If adjacent to a golf course replace the crown vetch with Kentucky 31 Tall Fescue.
Subsection:	212.03.03 Permanent Seeding and Protection.
Part:	A) Seed Mixtures for Permanent Seeding.
Number:	3)
Revision:	Replace the paragraph with the following: Permanent Seeding on Slopes Greater than 3:1 in Highway Districts 1, 2, 3, 8, 9, 10, 11, and 12. Apply seed mix Type III at a minimum application rate of 100 pounds per acre. If adjacent to crop land or golf course, replace the Sericea Lespedeza with Kentucky 31 Fescue.
Subsection:	213.03.02 Progress Requirements.
Revision:	Replace the last sentence of the third paragraph with the following: Additionally, the Department will apply a penalty equal to the liquidated damages when all aspects of the work are not coordinated in an acceptable manner within 7 calendar days after written notification.
Subsection:	213.03.05 Temporary Control Measures.
Part:	E) Temporary Seeding and Protection.
Revision:	Delete the second sentence of the first paragraph.
Subsection:	304.02.01 Physical Properties.
Table:	Required Geogrid Properties
Revision:	Replace all references to Test Method "GRI-GG2-87" with ASTM D 7737.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
Effective with the September 27, 2013 Letting**

Subsection: Part: Revision:	402.03.02 Contractor Quality Control and Department Acceptance. B) Sampling. Replace the second sentence with the following: The Department will determine when to obtain the quality control samples using the random-number feature of the mix design submittal and approval spreadsheet. The Department will randomly determine when to obtain the verification samples required in Subsections 402.03.03 and 402.03.04 using the Asphalt Mixture Sample Random Tonnage Generator.
Subsection: Part: Number: Revision:	402.03.02 Contractor Quality Control and Department Acceptance. D) Testing Responsibilities. 3) VMA. Add the following paragraph below Number 3) VMA: Retain the AV/VMA specimens and one additional corresponding G_{mm} sample for 5 working days for mixture verification testing by the Department. For Specialty Mixtures, retain a mixture sample for 5 working days for mixture verification testing by the Department. When the Department's test results do not verify that the Contractor's quality control test results are within the acceptable tolerances according to Subsection 402.03.03, retain the samples and specimens from the affected subplot(s) for the duration of the project.
Subsection: Part: Number: Revision:	402.03.02 Contractor Quality Control and Department Acceptance. D) Testing Responsibilities. 4) Density. Replace the second sentence of the Option A paragraph with the following: Perform coring by the end of the following work day.
Subsection: Part: Number: Revision:	402.03.02 Contractor Quality Control and Department Acceptance. D) Testing Responsibilities. 5) Gradation. Delete the second paragraph.
Subsection: Part: Number: Revision:	402.03.02 Contractor Quality Control and Department Acceptance. H) Unsatisfactory Work. 1) Based on Lab Data. Replace the second paragraph with the following: When the Engineer determines that safety concerns or other considerations prohibit an immediate shutdown, continue work and the Department will make an evaluation of acceptability according to Subsection 402.03.05.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
Effective with the September 27, 2013 Letting**

Subsection: Revision:	402.03.03 Verification. Replace the first paragraph with the following: 402.03.03 Mixture Verification. For volumetric properties, the Department will perform a minimum of one verification test for AC, AV, and VMA according to the corresponding procedures as given in Subsection 402.03.02. The Department will randomly determine when to obtain the verification sample using the Asphalt Mixture Sample Random Tonnage Generator. For specialty mixtures, the Department will perform one AC and one gradation determination per lot according to the corresponding procedures as given in Subsection 402.03.02. However, Department personnel will not perform AC determinations according to KM 64-405. The Contractor will obtain a quality control sample at the same time the Department obtains the mixture verification sample and perform testing according to the procedures given in Subsection 402.03.02. If the Contractor's quality control sample is verified by the Department's test results within the tolerances provided below, the Contractor's sample will serve as the quality control sample for the affected subplot. The Department may perform the mixture verification test on the Contractor's equipment or on the Department's equipment.
Subsection: Part: Revision:	402.03.03 Verification. A) Evaluation of Sublot(s) Verified by Department. Replace the third sentence of the second paragraph with the following: When the paired <i>t</i> -test indicates that the Contractor's data and Department's data are possibly not from the same population, the Department will investigate the cause for the difference according to Subsection 402.03.05 and implement corrective measures as the Engineer deems appropriate.
Subsection: Part: Revision:	402.03.03 Verification. B) Evaluation of Sublots Not Verified by Department. Replace the third sentence of the first paragraph with the following: When differences between test results are not within the tolerances listed below, the Department will resolve the discrepancy according to Subsection 402.03.05.
Subsection: Part: Revision:	402.03.03 Verification. B) Evaluation of Sublots Not Verified by Department. Replace the third sentence of the second paragraph with the following: When the <i>F</i> -test or <i>t</i> -test indicates that the Contractor's data and Department's data are possibly not from the same population, the Department will investigate the cause for the difference according to Subsection 402.03.05 and implement corrective measures as the Engineer deems appropriate.
Subsection: Part: Revision:	402.03.03 Verification. C) Test Data Patterns. Replace the second sentence with the following: When patterns indicate substantial differences between the verified and non-verified sublots, the Department will perform further comparative testing according to subsection 402.03.05.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
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Subsection:	402.03 CONSTRUCTION.
Revision:	Add the following subsection: 402.03.04 Testing Equipment and Technician Verification. For mixtures with a minimum quantity of 20,000 tons and for every 20,000 tons thereafter, the Department will obtain an additional verification sample at random using the Asphalt Mixture Sample Random Tonnage Generator in order to verify the integrity of the Contractor's and Department's laboratory testing equipment and technicians. The Department will obtain a mixture sample of at least 150 lb at the asphalt mixing plant according to KM 64-425 and split it according to AASHTO R 47. The Department will retain one split portion of the sample and provide the other portion to the Contractor. At a later time convenient to both parties, the Department and Contractor will simultaneously reheat the sample to the specified compaction temperature and test the mixture for AV and VMA using separate laboratory equipment according to the corresponding procedures given in Subsection 402.03.02. The Department will evaluate the differences in test results between the two laboratories. When the difference between the results for AV or VMA is not within ± 2.0 percent, the Department will investigate and resolve the discrepancy according to Subsection 402.03.05.
Subsection:	402.03.04 Dispute Resolution.
Revision:	Change the subsection number to 402.03.05.
Subsection:	402.05 PAYMENT.
Part:	Lot Pay Adjustment Schedule Compaction Option A Base and Binder Mixtures
Table:	AC
Revision:	Replace the Deviation from JMF(%) that corresponds to a Pay Value of 0.95 to ± 0.6 .
Subsection:	403.02.10 Material Transfer Vehicle (MTV).
Revision:	Replace the first sentence with the following: In addition to the equipment specified above, provide a MTV with the following minimum characteristics:
Subsection:	412.02.09 Material Transfer Vehicle (MTV).
Revision:	Replace the paragraph with the following: Provide and utilize a MTV with the minimum characteristics outlined in section 403.02.10.
Subsection:	412.03.07 Placement and Compaction.
Revision:	Replace the first paragraph with the following: Use a MTV when placing SMA mixture in the driving lanes. The MTV is not required on ramps and/or shoulders unless specified in the contract. When the Engineer determines the use of the MTV is not practical for a portion of the project, the Engineer may waive its requirement for that portion of pavement by a letter documenting the waiver.
Subsection:	412.04 MEASUREMENT.
Revision:	Add the following subsection: 412.04.03. Material Transfer Vehicle (MTV). The Department will not measure the MTV for payment and will consider its use incidental to the asphalt mixture.

**Supplemental Specifications to the
Standard Specifications for Road and Bridge Construction, 2012 Edition
Effective with the September 27, 2013 Letting**

Subsection:	501.03.19 Surface Tolerances and Testing Surface.
Part:	B) Ride Quality.
Revision:	Add the following to the end of the first paragraph: The Department will specify if the ride quality requirements are Category A or Category B when ride quality is specified in the Contract. Category B ride quality requirements shall apply when the Department fails to classify which ride quality requirement will apply to the Contract.
Subsection:	603.03.06 Cofferdams.
Revision:	Replace the seventh sentence of paragraph one with the following: Submit drawings that are stamped by a Professional Engineer licensed in the Commonwealth of Kentucky.
Subsection:	605.03.04 Tack Welding.
Revision:	Insert the subsection and the following: 605.03.04 Tack Welding. The Department does not allow tack welding.
Subsection:	606.03.17 Special Requirements for Latex Concrete Overlays.
Part:	A) Existing Bridges and New Structures.
Number:	1) Prewetting and Grout-Bond Coat.
Revision:	Add the following sentence to the last paragraph: Do not apply a grout-bond coat on bridge decks prepared by hydrodemolition.
Subsection:	609.03 Construction.
Revision:	Replace Subsection 609.03.01 with the following: 609.03.01 A) Swinging the Spans. Before placing concrete slabs on steel spans or precast concrete release the temporary erection supports under the bridge and swing the span free on its supports. 609.03.01 B) Lift Loops. Cut all lift loops flush with the top of the precast beam once the beam is placed in the final location and prior to placing steel reinforcement. At locations where lift loops are cut, paint the top of the beam with galvanized or epoxy paint.
Subsection:	611.03.02 Precast Unit Construction.
Revision:	Replace the first sentence of the subsection with the following: Construct units according to ASTM C1577, replacing Table 1 (Design Requirements for Precast Concrete Box Sections Under Earth, Dead and HL-93 Live Load Conditions) with KY Table 1 (Precast Culvert KYHL-93 Design Table) , and Section 605 with the following exceptions and additions:
Subsection:	613.03.01 Design.
Number:	2)
Revision:	Replace "AASHTO Standard Specifications for Highway Bridges" with "AASHTO LRFD Bridge Design Specifications"
Subsection:	615.06.02
Revision:	Add the following sentence to the end of the subsection. The ends of units shall be normal to walls and centerline except exposed edges shall be beveled ¾ inch.
Subsection:	615.06.03 Placement of Reinforcement in Precast 3-Sided Units.
Revision:	Replace the reference of 6.6 in the section to 615.06.06.
Subsection:	615.06.04 Placement of Reinforcement for Precast Endwalls.
Revision:	Replace the reference of 6.7 in the section to 615.06.07.

**Supplemental Specifications to the
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Subsection:	615.06.06 Laps, Welds, and Spacing for Precast 3-Sided Units.
Revision:	Replace the subsection with the following: Tension splices in the circumferential reinforcement shall be made by lapping. Laps may not be tack welded together for assembly purposes. For smooth welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.2 and AASHTO 2012 Bridge Design Guide Section 5.11.6.3. For deformed welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.1 and AASHTO 2012 Bridge Design Guide Section 5.11.6.2. The overlap of welded wire fabric shall be measured between the outer most longitudinal wires of each fabric sheet. For deformed billet-steel bars, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.1. For splices other than tension splices, the overlap shall be a minimum of 12" for welded wire fabric or deformed billet-steel bars. The spacing center to center of the circumferential wires in a wire fabric sheet shall be no less than 2 inches and no more than 4 inches. The spacing center to center of the longitudinal wires shall not be more than 8 inches. The spacing center to center of the longitudinal distribution steel for either line of reinforcing in the top slab shall be not more than 16 inches.
Subsection:	615.06.07 Laps, Welds, and Spacing for Precast Endwalls.
Revision:	Replace the subsection with the following: Splices in the reinforcement shall be made by lapping. Laps may not be tack welded together for assembly purposes. For smooth welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.2 and AASHTO 2012 Bridge Design Guide Section 5.11.6.3. For deformed welded wire fabric, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.5.1 and AASHTO 2012 Bridge Design Guide Section 5.11.6.2. For deformed billet-steel bars, the overlap shall meet the requirements of AASHTO 2012 Bridge Design Guide Section 5.11.2.1. The spacing center-to-center of the wire fabric sheet shall not be less than 2 inches or more than 8 inches.
Subsection:	615.08.01 Type of Test Specimen.
Revision:	Replace the subsection with the following: Start-up slump, air content, unit weight, and temperature tests will be performed each day on the first batch of concrete. Acceptable start-up results are required for production of the first unit. After the first unit has been established, random acceptance testing is performed daily for each 50 yd ³ (or fraction thereof). In addition to the slump, air content, unit weight, and temperature tests, a minimum of one set of cylinders shall be required each time plastic property testing is performed.
Subsection:	615.08.02 Compression Testing.
Revision:	Delete the second sentence.
Subsection:	615.08.04 Acceptability of Core Tests.
Revision:	Delete the entire subsection.
Subsection:	615.12 Inspection.
Revision:	Add the following sentences to the end of the subsection: Units will arrive at jobsite with the "Kentucky Oval" stamped on the unit which is an indication of acceptable inspection at the production facility. Units shall be inspected upon arrival for any evidence of damage resulting from transport to the jobsite.

**Supplemental Specifications to the
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Subsection:	716.02.02 Paint.
Revision:	Replace sentence with the following: Conform to Section 821.
Subsection:	716.03 CONSTRUCTION.
Revision:	Replace bullet 5) with the following: 5) AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims,
Subsection:	716.03.02 Lighting Standard Installation.
Revision:	Replace the second sentence with the following: Regardless of the station and offset noted, locate all poles/bases behind the guardrail a minimum of four feet from the front face of the guardrail to the front face of the pole base.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	A) Conventional Installation.
Revision:	Replace the third sentence with the following: Orient the transformer base so the door is positioned on the side away from on-coming traffic.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	A) Conventional Installation.
Number:	1) Breakaway Installation and Requirements.
Revision:	Replace the first sentence with the following: For breakaway supports, conform to Section 12 of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	B) High Mast Installation
Revision:	Replace the first sentence with the following: Install each high mast pole as noted on plans.
Subsection:	716.03.02 Lighting Standard Installation.
Part:	B) High Mast Installation
Number:	2) Concrete Base Installation
Revision:	Modification of Chart and succeeding paragraphs within this section:

Drilled Shaft Depth Data							
Level Ground		3:1 Ground Slope		2:1 Ground Slope		1.5:1 Ground Slope (2)	
Soil	Rock	Soil	Rock	Soil	Rock	Soil	Rock
17 ft	7 ft	19 ft	7 ft	20 ft	7 ft	(1)	7 ft
Steel Requirements							
Vertical Bars				Ties or Spiral			
Size	Total	Size	Spacing or Pitch				
#10	16	#4	12 inch				

**Supplemental Specifications to the
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	<p>(1): Shaft length is 22' for cohesive soil only. For cohesionless soil, contact geotechnical branch for design.</p> <p>(2): Do not construct high mast drilled shafts on ground slopes steeper than 1.5:1 without the approval of the Division of Traffic.</p> <p>If rock is encountered during drilling operations and confirmed by the engineer to be of sound quality, the shaft is only required to be further advanced into the rock by the length of rock socket shown in the table. The total length of the shaft need not be longer than that of soil alone. Both longitudinal rebar length and number of ties or spiral length shall be adjusted accordingly.</p> <p>If a shorter depth is desired for the drilled shaft, the contractor shall provide, for the state's review and approval, a detailed column design with individual site specific soil and rock analysis performed and approved by a Professional Engineer licensed in the Commonwealth of Kentucky.</p> <p>Spiral reinforcement may be substituted for ties. If spiral reinforcement is used, one and one-half closed coils shall be provided at the ends of each spiral unit. Subsurface conditions consisting of very soft clay or very loose saturated sand could result in soil parameters weaker than those assumed. Engineer shall consult with the geotechnical branch if such conditions are encountered.</p> <p>The bottom of the drilled hole shall be firm and thoroughly cleaned so no loose or compressible materials are present at the time of the concrete placement. If the drilled hole contains standing water, the concrete shall be placed using a tremie to displace water. Continuous concrete flow will be required to insure full displacement of any water.</p> <p>The reinforcement and anchor bolts shall be adequately supported in the proper positions so no movement occurs during concrete placement. Welding of anchor bolts to the reinforcing cage is unacceptable, templates shall be used.</p> <p>Exposed portions of the foundation shall be formed to create a smooth finished surface. All forming shall be removed upon completion of foundation construction.</p>
<p>Subsection:</p> <p>Part:</p> <p>Revision:</p>	<p>716.03.03 Trenching.</p> <p>A) Trenching of Conduit for Highmast Ducted Cables.</p> <p>Add the following after the first sentence: If depths greater than 24 inches are necessary, obtain the Engineer's approval and maintain the required conduit depths coming into the junction boxes. No payment for additional junction boxes for greater depths will be allowed.</p>
<p>Subsection:</p> <p>Part:</p> <p>Revision:</p>	<p>716.03.03 Trenching.</p> <p>B) Trenching of Conduit for Non-Highmast Cables.</p> <p>Add the following after the second sentence: If depths greater than 24 inches are necessary for either situation listed previously, obtain the Engineer's approval and maintain the required conduit depths coming into the junction boxes. No payment for additional junction boxes for greater depths will be allowed.</p>
<p>Subsection:</p> <p>Revision:</p>	<p>716.03.10 Junction Boxes.</p> <p>Replace subsection title with the following: Electrical Junction Box.</p>

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Subsection:	716.04.07 Pole with Secondary Control Equipment.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit furnished and installed. The Department will not measure mounting the cabinet to the pole, backfilling, restoration, any necessary hardware to anchor pole, or electrical inspection fees, and will consider them incidental to this item of work. The Department will also not measure furnishing and installing electrical service conductors, specified conduits, meter base, transformer, service panel, fused cutout, fuses, lighting arrestors, photoelectrical control, circuit breaker, contactor, manual switch, ground rods, and ground wires and will consider them incidental to this item of work.
Subsection:	716.04.08 Lighting Control Equipment.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit furnished and installed. The Department will not measure constructing the concrete base, excavation, backfilling, restoration, any necessary anchors, or electrical inspection fees, and will consider them incidental to this item of work. The Department will also not measure furnishing and installing electrical service conductors, specified conduits, meter base, transformer, service panel, fused cutout, fuses, lighting arrestors, photoelectrical control, circuit breakers, contactor, manual switch, ground rods, and ground wires and will consider them incidental to this item of work.
Subsection:	716.04.09 Luminaire.
Revision:	Replace the first sentence with the following: The Department will measure the quantity as each individual unit furnished and installed.
Subsection:	716.04.10 Fused Connector Kits.
Revision:	Replace the first sentence with the following: The Department will measure the quantity as each individual unit furnished and installed.
Subsection:	716.04.13 Junction Box.
Revision:	Replace the subsection title with the following: Electrical Junction Box Type Various.
Subsection:	716.04.13 Junction Box.
Part:	A) Junction Electrical.
Revision:	Rename A) Junction Electrical to the following: A) Electrical Junction Box.
Subsection:	716.04.14 Trenching and Backfilling.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, backfilling, underground utility warning tape (if required), the restoration of disturbed areas to original condition, and will consider them incidental to this item of work.
Subsection:	716.04.18 Remove Lighting.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as a lump sum for the removal of lighting equipment. The Department will not measure the disposal of all equipment and materials off the project by the contractor. The Department also will not measure the transportation of the materials and will consider them incidental to this item of work.

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Subsection:	716.04.20 Bore and Jack Conduit.															
Revision:	Replace the paragraph with the following: The Department will measure the quantity in linear feet. This item shall include all work necessary for boring and installing conduit under an existing roadway. Construction methods shall be in accordance with Sections 706.03.02, paragraphs 1, 2, and 4.															
Subsection:	716.05 PAYMENT.															
Revision:	Replace items 04810-04811, 20391NS835 and, 20392NS835 under <u>Code</u> , <u>Pay Item</u> , and <u>Pay Unit</u> with the following:															
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20391NS835	Electrical Junction Box Type C	Each														
Subsection:	723.03 CONSTRUCTION.															
Revision:	Replace bullet 5) with the following: 5) AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims,															
Subsection:	723.02.02 Paint.															
Revision:	Replace sentence with the following: Conform to Section 821.															
Subsection:	723.03.02 Poles and Bases Installation.															
Revision:	Replace the first sentence with the following: Regardless of the station and offset noted, locate all poles/bases behind the guardrail a minimum of four feet from the front face of the guardrail to the front face of the pole base.															
Subsection:	723.03.02 Poles and Bases Installation.															
Part:	A) Steel Strain and Mastarm Poles Installation															
Revision:	Replace the second paragraph with the following: For concrete base installation, see Section 716.03.02, B), 2), Paragraphs 2-7. Drilled shaft depth shall be based on the soil conditions encountered during drilling and slope condition at the site. Refer to the design chart below:															
Subsection:	723.03.02 Poles and Bases Installation.															
Part:	B) Pedestal or Pedestal Post Installation.															
Revision:	Replace the fourth sentence of the paragraph with the following: For breakaway supports, conform to Section 12 of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.															
Subsection:	723.03.03 Trenching.															
Part:	A) Under Roadway.															
Revision:	Add the following after the second sentence: If depths greater than 24 inches are necessary, obtain the Engineer's approval and maintain ether required conduit depths coming into the junction boxes. No payment for additional junction boxes for greater depths will be allowed.															

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Subsection:	723.03.11 Wiring Installation.
Revision:	Add the following sentence between the fifth and sixth sentences: Provide an extra two feet of loop wire and lead-in past the installed conduit in poles, pedestals, and junction boxes.
Subsection:	723.03.12 Loop Installation.
Revision:	Replace the fifth sentence with the following: Provide an extra two feet of loop wire and lead-in past the installed conduit in poles, pedestals, and junction boxes.
Subsection:	723.04.02 Junction Box.
Revision:	Replace subsection title with the following: Electrical Junction Box Type.
Subsection:	723.04.03 Trenching and Backfilling.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, backfilling, underground utility warning tape (if required), the restoration of disturbed areas to original condition, and will consider them incidental to this item of work.
Subsection:	723.04.10 Signal Pedestal.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, specified conduits, fittings, ground rod, ground wire, backfilling, restoring disturbed areas, or other necessary hardware and will consider them incidental to this item of work.
Subsection:	723.04.15 Loop Saw Slot and Fill.
Revision:	Replace the second sentence with the following: The Department will not measure sawing, cleaning and filling induction loop saw slot, loop sealant, backer rod, and grout and will consider them incidental to this item of work.
Subsection:	723.04.16 Pedestrian Detector.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit furnished, installed and connected to pole/pedestal. The Department will not measure installing R10-3e (with arrow) sign, furnishing and installing mounting hardware for sign and will consider them incidental to this item of work.
Subsection:	723.04.18 Signal Controller- Type 170.
Revision:	Replace the second sentence with the following: The Department will not measure constructing the concrete base or mounting the cabinet to the pole, connecting the signal and detectors, excavation, backfilling, restoration, any necessary pole mounting hardware, electric service, or electrical inspection fees and will consider them incidental to this item of work. The Department will also not measure furnishing and connecting the induction of loop amplifiers, pedestrian isolators, load switches, model 400 modem card; furnishing and installing electrical service conductors, specified conduits, anchors, meter base, fused cutout, fuses, ground rods, ground wires and will consider them incidental to this item of work.

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Subsection:	723.04.20 Install Signal Controller - Type 170.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit installed. The Department will not measure constructing the concrete base or mounting the cabinet to the pole, connecting the signal and detectors, and excavation, backfilling, restoration, any necessary pole mounting hardware, electric service, or electrical inspection fees and will consider them incidental to this item of work. The Department will also not measure connecting the induction loop amplifiers, pedestrian, isolators, load switches, model 400 modem card; furnishing and installing electrical service conductors, specified conduits, anchors, meter base, fused cutout, fuses, ground rods, ground wires and will consider them incidental to this item of work.
Subsection:	723.04.22 Remove Signal Equipment.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as a lump sum removal of signal equipment. The Department will not measure the return of control equipment and signal heads to the Department of Highways as directed by the District Traffic Engineer. The Department also will not measure the transportation of materials of the disposal of all other equipment and materials off the project by the contractor and will consider them incidental to this item of work.
Subsection:	723.04.28 Install Pedestrian Detector Audible.
Revision:	Replace the second sentence with the following: The Department will not measure installing sign R10-3e (with arrow) and will consider it incidental to this item of work.
Subsection:	723.04.29 Audible Pedestrian Detector.
Revision:	Replace the second sentence with the following: The Department will not measure furnishing and installing the sign R10-3e (with arrow) and will consider it incidental to this item of work.
Subsection:	723.04.30 Bore and Jack Conduit.
Revision:	Replace the paragraph with the following: The Department will measure the quantity in linear feet. This item shall include all work necessary for boring and installing conduit under an existing roadway. Construction methods shall be in accordance with Sections 706.03.02, paragraphs 1, 2, and 4.
Subsection:	723.04.31 Install Pedestrian Detector.
Revision:	Replace the paragraph with the following: The Department will measure the quantity as each individual unit installed and connected to pole/pedestal. The Department will not measure installing sign R 10-3e (with arrow) and will consider it incidental to this item of work.
Subsection:	723.04.32 Install Mast Arm Pole.
Revision:	Replace the second sentence with the following: The Department will not measure arms, signal mounting brackets, anchor bolts, or any other necessary hardware and will consider them incidental to this item of work.
Subsection:	723.04.33 Pedestal Post.
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, anchor bolts, conduit, fittings, ground rod, ground wire, backfilling, restoration, or any other necessary hardware and will consider them incidental to this item of work.

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Subsection:	723.04.36 Traffic Signal Pole Base.															
Revision:	Replace the second sentence with the following: The Department will not measure excavation, reinforcing steel, anchor bolts, specified conduits, ground rods, ground wires, backfilling, or restoration and will consider them incidental to this item of work.															
Subsection:	723.04.37 Install Signal Pedestal.															
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, anchor bolts, specified conduits, fittings, ground rod, ground wire, backfilling, restoration, or any other necessary hardware and will consider them incidental to this item of work.															
Subsection:	723.04.38 Install Pedestal Post.															
Revision:	Replace the second sentence with the following: The Department will not measure excavation, concrete, reinforcing steel, anchor bolts, specified conduits, fittings, ground rod, ground wire, backfilling, restoration, or any other necessary hardware and will consider them incidental to this item of work.															
Subsection:	723.05 PAYMENT.															
Revision:	Replace items 04810-04811, 20391NS835 and, 20392NS835 under <u>Code</u> , <u>Pay Item</u> , and <u>Pay Unit</u> with the following:															
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Subsection:	813.04 Gray Iron Castings.															
Revision:	Replace the reference to "AASHTO M105" with "ASTM A48".															
Subsection:	813.09.02 High Strength Steel Bolts, Nuts, and Washers.															
Number:	A) Bolts.															
Revision:	Delete first paragraph and "Hardness Number" Table. Replace with the following: A) Bolts. Conform to ASTM A325 (AASHTO M164) or ASTM A490 (AASHTO 253) as applicable.															
Subsection:	814.04.02 Timber Guardrail Posts.															
Revision:	Third paragraph, replace the reference to "AWPA C14" with "AWPA U1, Section B, Paragraph 4.1".															
Subsection:	814.04.02 Timber Guardrail Posts.															
Revision:	Replace the first sentence of the fourth paragraph with the following: Use any of the species of wood for round or square posts covered under AWPA U1.															
Subsection:	814.04.02 Timber Guardrail Posts.															
Revision:	Fourth paragraph, replace the reference to "AWPA C2" with "AWPA U1, Section B, Paragraph 4.1".															
Subsection:	814.04.02 Timber Guardrail Posts.															
Revision:	Delete the second sentence of the fourth paragraph.															
Subsection:	816.07.02 Wood Posts and Braces.															
Revision:	First paragraph, replace the reference to "AWPA C5" with "AWPA U1, Section B, Paragraph 4.1".															

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Subsection:	816.07.02 Wood Posts and Braces.
Revision:	Delete the second sentence of the first paragraph.
Subsection:	818.07 Preservative Treatment.
Revision:	First paragraph, replace all references to "AWPA C14" with "AWPA U1, Section A".
Subsection:	834.14 LIGHTING POLES.
Revision:	Replace the first sentence with the following: Lighting pole design shall be in accordance with loading and allowable stress requirements of the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.
Subsection:	834.14.03 High Mast Poles.
Revision:	<p>*Remove the second and fourth sentence from the first paragraph.</p> <p>*Replace the third paragraph with the following: Provide calculations and drawings that are stamped by a Professional Engineer licensed in the Commonwealth of Kentucky.</p> <p>*Replace paragraph six with the following: Provide a pole section that conforms to ASTM A 595 grade A with a minimum yield strength of 55 KSI or ASTM A 572 with a minimum yield strength of 55 KSI. Use tubes that are round or 16 sided with a four inch corner radius, have a constant linear taper of .144 in/ft and contain only one longitudinal seam weld. Circumferential welded tube butt splices and laminated tubes are not permitted. Provide pole sections that are telescopically slip fit assembled in the field to facilitate inspection of interior surface welds and the protective coating. The minimum length of the telescopic slip splices shall be 1.5 times the inside diameter of the exposed end of the female section. Use longitudinal seam welds as commended in Section 5.15 of the AASHTO 2013 Specifications. The thickness of the transverse base shall not be less than 2 inches. Plates shall be integrally welded to the tubes with a telescopic welded joint or a full penetration groove weld with backup bar.</p> <p>The handhole cover shall be removable from the handhole frame. One the frame side opposite the hinge, provide a mechanism on the handhole cover/frame to place the Department's standard padlock as specified in Section 834.25. The handhole frame shall have two stainless studs installed opposite the hinge to secure the handhole cover to the frame which includes providing stainless steel wing nuts and washers. The handhole cover shall be manufactured from 0.25 inch thick galvanized steel (ASTM A 153) and have a neoprene rubber gasket that is permanently secured to the handhole frame to insure weather-tight protection. The hinge shall be manufactured from 7-guage stainless steel to provide adjustability to insure weather-tight fit for the cover. The minimum clear distance between the transverse plate and the</p> <p>bottom opening of the handhole shall not be less than the diameter of the bottom tube of the pole but needs to be at least 15 inches. The handhole frame width shall be 0.4 times the diameter of the bottom tube.</p> <p>Provide products that are hot-dip galvanized to the requirements of either ASTM A123 (fabricated products) or ASTM A 153 (hardware items).</p>
Subsection:	834.16 ANCHOR BOLTS.
Revision:	Insert the following sentence at the beginning of the paragraph: The anchor bolt design shall follow the NCHRP Report 494 Section 2.4 and NCHRP 469 Appendix A Specifications.

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Subsection:	834.17.01 Conventional.
Revision:	Add the following sentence after the second sentence: Provide a waterproof sticker mounted on the bottom of the housing that is legible from the ground and indicates the wattage of the fixture by providing the fist to numbers of the wattage.
Subsection:	834.21.01 Waterproof Enclosures.
Revision:	*Add the following sentence in the second paragraph in the thirteenth sentence: Provide a cabinet door with a louvered air vent, Filter-retaining brackets and an easy clean metal filter. *Replace sentence sixteen with the following: Use a 120-volt fixture and utilize a compact fluorescent or L.E.D. bulb (equivalent to 60 watt minimum).
Subsection:	835.07 Traffic Poles.
Revision:	Replace the first sentence of the first paragraph with the following: Pole diameter and wall thickness shall be calculated in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.
Subsection:	835.07 Traffic Poles.
Revision:	*Replace the first sentence of the fourth paragraph with the following: Ensure transverse plats have a thickness ≥ 2 inches. *Add the following sentence to the end of the fourth paragraph: The bottom pole diameter shall not be less than 16.25 inches.
Subsection:	835.07 Traffic Poles.
Revision:	Replace the second sentence of the fifth paragraph with the following: For anchor bolt design, pole forces shall be positioned in such a manner to maximize the force on any individual anchor bolt regardless of the actual anchor bolt orientation with the pole.
Subsection:	835.07 Traffic Poles.
Revision:	Replace the first and second sentence of the sixth paragraph with the following: The pole handhole shall be 25 inches by 6.5 inches. The handhole cover shall be removable from the handhole frame. On the frame side opposite the hinge, provide a mechanism on the handhole cover/frame to place the Department's standard padlock as specified in Section 834.25. The handhole frame shall have two stainless studs installed opposite the hinge to secure the handhole cover to the frame which includes providing stainless steel wing nuts and washers. The handhole cover shall be manufactured from 0.25 inch thick galvanized steel (ASTM 153) and have a neoprene rubber gasket that is permanently secured to the handhole frame to insure weather-tight protection. The hinge shall be manufactured from 7 gauge stainless steel to provide adjustability to insure a weather-tight fit for the cover. The minimum clear distance between the transverse plate and the bottom opening of the handhole shall not be less than the diameter of the bottom tube but needs to be at least 12 inches.
Subsection:	835.07 Traffic Poles.
Revision:	*Replace the first sentence of the last paragraph with the following: Provide calculations and drawings that are stamped by a Professional Engineer licensed in the Commonwealth of Kentucky. *Replace the third sentence of the last paragraph with the following: All tables referenced in 835.07 are found in the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 2013-6th Edition with current interims.

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Subsection:	835.07.01 Steel Strain Poles.
Revision:	Replace the second sentence of the second paragraph with the following: The detailed analysis shall be certified by a Professional Engineer licensed in the Commonwealth of Kentucky.
Subsection:	835.07.01 Steel Strain Poles.
Revision:	Replace number 7. after the second paragraph with the following: 7. Fatigue calculations should be shown for all fatigue related connections. Provide the corresponding detail, stress category and example from table 11.9.3.1-1.
Subsection:	835.07.02 Mast Arm Poles.
Revision:	Replace the second sentence of the fourth paragraph with the following: The detailed analysis shall be certified by a Professional Engineer licensed in the Commonwealth of Kentucky.
Subsection:	835.07.02 Mast Arm Poles.
Revision:	Replace number 7) after the fourth paragraph with the following: 7) Fatigue calculations should be shown for all fatigue related connections. Provide the corresponding detail, stress category and example from table 11.9.3.1-1.
Subsection:	835.07.03 ANCHORS.
Revision:	Add the following to the end of the paragraph: There shall be two steel templates (one can be used for the headed part of the anchor bolt when designed in this manner) provided per pole. Templates shall be contained within a 26.5 inch diameter. All templates shall be fully galvanized (ASTM A 153).
Subsection:	835.16.05 Optical Units.
Revision:	Replace the 3rd paragraph with the following: The list of certified products can be found on the following website: http://www.intertek.com .
Subsection:	835.19.01 Pedestrian Detector Body.
Revision:	Replace the first sentence with the following: Provide a four holed pole mounted aluminum rectangular housing that is a compatible with the pedestrian detector.

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

**TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS**

**LABOR AND WAGE REQUIREMENTS
APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS**

- I. Application
- II. Nondiscrimination of Employees (KRS 344)
- III. Payment of Predetermined Minimum Wages
- IV. Statements and Payrolls

I. APPLICATION

1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.

2. The contractor shall insert in each of his subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may be required.

3. A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

II. NONDISCRIMINATION OF EMPLOYEES

**AN ACT OF THE KENTUCKY
GENERAL ASSEMBLY TO PREVENT
DISCRIMINATION IN EMPLOYMENT
KRS CHAPTER 344
EFFECTIVE JUNE 16, 1972**

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy). The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, disability or age (between forty and seventy), except that such notice or advertisement may indicate a preference, limitation, or specification based on religion, or national origin when religion, or national origin is a bona fide occupational qualification for employment.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual

because of his race, color, religion, national origin, sex, disability or age (between forty and seventy), in admission to, or employment in any program established to provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

III. PAYMENT OF PREDETERMINED MINIMUM WAGES

1. These special provisions are supplemented elsewhere in the contract by special provisions which set forth certain predetermined minimum wage rates. The contractor shall pay not less than those rates.

2. The minimum wage determination schedule shall be posted by the contractor, in a manner prescribed by the Department of Highways, at the site of the work in prominent places where it can be easily seen by the workers.

IV. STATEMENTS AND PAYROLLS

1. All contractors and subcontractors affected by the terms of KRS 337.505 to 337.550 shall keep full and accurate payroll records covering all disbursements of wages to their employees to whom they are required to pay not less than the prevailing rate of wages. Payrolls and basic records relating thereto will be maintained during the course of the work and preserved for a period of one (1) year from the date of completion of this contract.

2. The payroll records shall contain the name, address and social security number of each employee, his correct classification, rate of pay, daily and weekly number of hours worked, itemized deductions made and actual wages paid.

3. The contractor shall make his daily records available at the project site for inspection by the State Department of Highways contracting office or his authorized representative.

Periodic investigations shall be conducted as required to assure compliance with the labor provisions of the contract. Interrogation of employees and officials of the contractor shall be permitted during working hours.

Aggrieved workers, Highway Managers, Assistant District Engineers, Resident Engineers and Project Engineers shall report all complaints and violations to the Division of Contract Procurement.

The contractor shall be notified in writing of apparent violations. The contractor may correct the reported violations and notify the Department of Highways of the action taken or may request an informal hearing. The request for hearing shall be in writing within ten (10) days after receipt of the notice of the reported violation. The contractor may submit

records and information which will aid in determining the true facts relating to the reported violations.

Any person or organization aggrieved by the action taken or the findings established as a result of an informal hearing by the Division of Contract Procurement may request a formal hearing.

4. The wages of labor shall be paid in legal tender of the United States, except that this condition will be considered satisfied if payment is made by a negotiable check, on a solvent bank, which may be cashed readily by the employee in the local community for the full amount, without discount or collection charges of any kind. Where checks are used for payments, the contractor shall make all necessary arrangements for them to be cashed and shall give information regarding such arrangements.

5. No fee of any kind shall be asked or accepted by the contractor or any of his agents from any person as a condition of employment on the project.

6. No laborers shall be charged for any tools used in performing their respective duties except for reasonably avoidable loss or damage thereto.

7. Every employee on the work covered by this contract shall be permitted to lodge, board, and trade where and with whom he elects and neither the contractor nor his agents, nor his employees shall directly or indirectly require as a condition of employment that an employee shall lodge, board or trade at a particular place or with a particular person.

8. Every employee on the project covered by this contract shall be an employee of either the prime contractor or an approved subcontractor.

9. No charge shall be made for any transportation furnished by the contractor or his agents to any person employed on the work.

10. No individual shall be employed as a laborer or mechanic on this contract except on a wage basis, but this shall not be construed to prohibit the rental of teams, trucks or other equipment from individuals.

No Covered employee may be employed on the work except in accordance with the classification set forth in the schedule mentioned above; provided, however, that in the event additional classifications are required, application shall be made by the contractor to the Department of Highways and (1) the Department shall request appropriate classifications and rates from the proper agency, or (2) if there is urgent need for additional classification to avoid undue delay in the work, the contractor may employ such workmen at rates deemed comparable to rates established for similar classifications provided he has made written application through the Department of Highways, addressed to the proper agency, for the supplemental rates. The contractor shall retroactively adjust, upon receipt of the supplemental rates schedule, the wages of any employee paid less than the established rate and may adjust the wages of any employee overpaid.

11. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic in any work-week in which he is employed on such work, to work in excess of eight hours in any calendar day or in excess of forty hours in such work-week unless such laborer or mechanic receives compensation at a rate not less than one and one half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such work-week. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. This agreement shall be in writing and shall be executed prior to the employee working in excess of eight (8) hours, but not more than ten (10) hours, in any one (1) calendar day.

12. Payments to the contractor may be suspended or withheld due to failure of the contractor to pay any laborer or

mechanic employed or working on the site of the work, all or part of the wages required under the terms of the contract. The Department may suspend or withhold payments only after the contractor has been given written notice of the alleged violation and the contractor has failed to comply with the wage determination of the Department of Highways.

13. Contractors and subcontractors shall comply with the sections of Kentucky Revised Statutes, Chapter 337 relating to contracts for Public Works.

Revised 2-16-95

EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (6) provides:

No present or former public servant shall, within six (6) months of following termination of his office or employment, accept employment, compensation or other economic benefit from any person or business that contracts or does business with the state in matters in which he was directly involved during his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved in state government. This subsection shall not prohibit the performance of ministerial functions, including, but not limited to, filing tax returns, filing applications for permits or licenses, or filing incorporation papers.

KRS 11A.040 (8) states:

A former public servant shall not represent a person in a matter before a state agency in which the former public servant was directly involved, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, Room 136, Capitol Building, 700 Capitol Avenue, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Kentucky Equal Employment Opportunity Act of 1978

The requirements of the Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) shall apply to this Contract. The apparent low Bidder will be required to submit EEO forms to the Division of Construction Procurement, which will then forward to the Finance and Administration Cabinet for review and approval. No award will become effective until all forms are submitted and EEO/CC has certified compliance. The required EEO forms are as follows:

- EEO-1: Employer Information Report
- Affidavit of Intent to Comply
- Employee Data Sheet
- Subcontractor Report

These forms are available on the Finance and Administration's web page under ***Vendor Information, Standard Attachments and General Terms*** at the following address:
<https://www.eProcurement.ky.gov>.

Bidders currently certified as being in compliance by the Finance and Administration Cabinet may submit a copy of their approval letter in lieu of the referenced EEO forms.

For questions or assistance please contact the Finance and Administration Cabinet by email at **finance.contractcompliance@ky.gov** or by phone at 502-564-2874.

KENTUCKY LABOR CABINET
PREVAILING WAGE DETERMINATION
CURRENT REVISION
HIGHWAY CONSTRUCTION LOCALITY NO. II

Determination No. CR-13-II-HWY

Project No.
Highway

Date of Determination: April 15, 2013

This schedule of the prevailing rate of wages for Locality No. II including the counties of ADAIR, BARREN, BELL, BREATHITT, CASEY, CLAY, CLINTON, CUMBERLAND, ESTILL, FLOYD, GARRARD, GREEN, HARLAN, HART, JACKSON, JOHNSON, KNOTT, KNOX, LAUREL, LAWRENCE, LEE, LESLIE, LETCHER, LINCOLN, MCCREARY, MAGOFFIN, MARTIN, MENIFEE, METCALFE, MONROE, MORGAN, OWSLEY, PERRY, PIKE, POWELL, PULASKI, ROCKCASTLE, RUSSELL, TAYLOR, WAYNE, WHITLEY, and WOLFE has been determined in accordance with the provisions of KRS 337.505 to 337.550. This determination shall be referred to as Prevailing Wage Determination No. CR-13-II-HWY.

The following schedule of rates is to be used for highway construction projects advertised or awarded by the Kentucky Transportation Cabinet. This includes any contracts for the relocation of any utilities or other incidental construction projects advertised or awarded by public authorities as a result of the highway construction project.

Apprentices or trainees shall be permitted to work in accordance with Administrative Regulations adopted by the Commissioner of the Department of Workplace Standards. Copies of these regulations will be furnished upon request to any interested person.

Overtime is to be computed at not less than one and one-half (1 1/2) times the indicated BASE RATE for all hours worked in excess of eight (8) hours per day, or in excess of forty (40) hours per week. However, KRS 337.540 permits an employee and employer to agree, in writing, that the employee will be compensated at a straight time base rate for hours worked in excess of eight (8) hours in any one calendar day, but not more than ten (10) hours worked in any one calendar day, if such written agreement is prior to the over eight (8) hours in a calendar day actually being worked, or where provided for in a collective bargaining agreement. The fringe benefit rate is to be paid for each hour worked at a straight time rate for all hours worked. Fringe benefit amounts are applicable for all hours worked except when otherwise noted. Welders will receive rate for craft in which welding is incidental.

No laborer, workman or mechanic shall be paid at a rate less than that of the General Laborer except those classified as bona fide apprentices registered with the Kentucky State Apprenticeship Supervisor unless otherwise specified in this schedule of wage rates.



Michael Donta, Deputy Commissioner
Department of Workplace Standards

CLASSIFICATIONS	RATE AND FRINGE BENEFITS	
BOILERMAKERS:	BASE RATE	\$24.65
	FRINGE BENEFIT	12.94
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BRICKLAYERS:		
Bricklayers:	BASE RATE	\$22.90
	FRINGE BENEFITS	8.50
Stone Mason:	BASE RATE	\$21.50
	FRINGE BENEFITS	8.50
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CARPENTERS:		
Carpenters:	BASE RATE	\$24.15
	FRINGE BENEFITS	13.50
Piledrivers:	BASE RATE	\$23.80
	FRINGE BENEFITS	13.50
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CEMENT MASONS:	BASE RATE	\$21.25
	FRINGE BENEFITS	8.50
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ELECTRICIANS:	*BASE RATE	\$29.36
	FRINGE BENEFITS	10.55
<p>*When workmen are required to work from bosum chairs, trusses, stacks, tanks, scaffolds, catwalks, radio and T.V. towers, structural steel (open, unprotected, unfloored raw steel), and bridges or similar hazardous locations where workmen are subject to a direct fall, except where using JLG's and bucket trucks up to 75 feet: Add 25% to workman's base rate for 50 to 75 feet, and add 50% to workman's base rate for over 75 feet.</p>		
LINEMAN:	*BASE RATE	\$30.09
	FRINGE BENEFITS	10.94
EQUIPMENT OPERATOR:	*BASE RATE	\$26.90
	FRINGE BENEFITS	10.31
GROUNDSMAN:	*BASE RATE	\$17.79
	FRINGE BENEFITS	8.51
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IRONWORKERS:	BASE RATE	\$ 26.34
	FRINGE BENEFITS	18.84

CLASSIFICATIONS

RATE AND FRINGE BENEFITS

LABORERS:

GROUP 1: Aging and curing of concrete (any mode or method), asbestos abatement worker, asphalt plant laborers, asphalt laborers; batch truck dumpers; carpenter tenders, cement mason tenders, cleaning of machines, concrete laborers, demolition laborers, dredging laborers, drill helper, environmental laborer - nuclear, radiation, toxic and hazardous waste – Level D, flagmen, grade checkers, all hand digging and hand back filling, highway marker placers, landscaping laborers, mesh handlers and placers, puddler, railroad laborers, rip-rap and grouters, right of way laborers, sign, guard rail and fence installers (all types), signalmen, sound barrier installer, storm and sanitary sewer laborers, swampers, truck spotters and dumpers, wrecking of concrete forms, general cleanup:

HEAVY & HIGHWAY	BASE RATE	\$21.15
	FRINGE BENEFITS	11.41

GROUP 2: Batter board men (sanitary and storm sewer), brickmason tenders, mortar mixer operator, scaffold builders, burner and welder, bushammers, chain saw operator, concrete saw operators, deckhand scow man, dry cement handlers, environmental laborers – nuclear, radiation, toxic and hazardous waste – Level C, forklift operators for masonry, form setters, green concrete cutting, hand operated grouter and grinder machine operator, jack hammers, lead paint abatement, pavement breakers, paving joint machine, pipe layers – laser operators (non-metallic), plastic pipe fusion, power driven Georgia buggy and wheel barrow, power post hole diggers, precast manhole setters, walk-behind tampers, walk-behind trenchers, sand blasters, concrete chippers, surface grinders, vibrator operators, wagon drillers:

HEAVY & HIGHWAY	BASE RATE	\$21.40
	FRINGE BENEFITS	11.41

GROUP 3: Air track driller (all types), asphalt luteman and rakersm gunnite nozzleman, gunnite operators and mixers, grout pump operator, powderman and blaster, side rail setters, rail paved ditches, screw operators, tunnel laborers (free air), and water blasters:

HEAVY & HIGHWAY	BASE RATE	\$21.45
	FRINGE BENEFITS	11.41

GROUP 4: Caisson workers (free air), cement finishers, environmental laborer – nuclear, radiation, toxic and hazardous waste – Level A and B, miners and drillers (free air), tunnel blasters, and tunnel mockers (free air), directional and horizontal boring, air track drillers (all types), powder man and blasters, troxler and concrete tester if laborer is utilized:

HEAVY & HIGHWAY	BASE RATE	\$22.05
	FRINGE BENEFITS	11.41

OPERATING ENGINEERS:

Group A-1:

NCCCO or OECP Certified; Crane, dragline, hoist (1 drum when used for stack or chimney construction or repair), hoisting engineer (2 or more drums), orangepeel, overhead crane, piledriver, truck crane, tower crane, hydraulic crane:

BASE RATE	\$28.40
FRINGE BENEFITS	13.40

CLASSIFICATIONS

RATE AND FRINGE BENEFITS

Group A:

Auto patrol, batcher plant, bituminous paver, cable-way, clamshell, concrete mixer (21 cu. ft. or over), concrete pump, crane, crusher plant, derrick, derrick boat, ditching and trenching machine, dragline, dredge engineer, elevator (regardless of ownership when used for hoisting any building material), elevating grader and all types of loaders, hoe-type machine, hoisting engine, locomotive, LeTourneau or carry-all scoop, bulldozer, mechanic, orangepeel bucket, piledriver, power blade, roller (bituminous), roller (earth), roller (rock), scarifier, shovel, tractor shovel, truck crane, well points, winch truck, push dozer, grout pump, high lift, fork lift (regardless of lift height), all types of boom cats, multiple operator, core drill, tow or push boat, A-Frame winch truck, concrete paver, gradeall, hoist, hyster, material pump, pumpcrete, ross carrier, sheepfoot, sideboom, throttle-valve man, rotary drill, power generator, mucking machine, rock spreader attached to equipment, scoopmobile, KeCal loader, tower cranes (French, German and other types), hydrocrane, tugger, backfiller guries, self-propelled compactor, self-contained hydraulic percussion drill:

BASE RATE \$27.35
 FRINGE BENEFITS 13.40

Group B:

All air compressors (200 cu. ft. per min. or greater capacity), bituminous mixer, concrete mixer (under 21 cu. ft.), welding machine, form grader, tractor (50 H.P. and over), bull float, finish machine, outboard motor boat, brakeman, mechanic helper, whirly oiler, tractair and road widening trencher, articulating trucks:

BASE RATE \$24.87
 FRINGE BENEFITS 13.40

Group B2:

Greaser on grease facilities servicing heavy equipment:

BASE RATE \$25.26
 FRINGE BENEFITS 13.40

Group C:

Bituminous distributor, cement gun, conveyor, mud jack, paving joint machine, pump, tamping machine, tractors (under 50 H.P.), vibrator, oiler, air compressors (under 200 cu. ft. per min. capacity), concrete saw, burlap and curing machine, hydro seeder, power form handling equipment, deckhand oiler, hydraulic post driver:

BASE RATE \$24.60
 FRINGE BENEFITS 13.40

PAINTERS:

All Excluding Bridges:

BASE RATE \$19.92
 FRINGE BENEFITS 9.57

Bridges:

BASE RATE \$23.92
 FRINGE BENEFITS 10.07

<u>CLASSIFICATIONS</u>	<u>RATE AND FRINGE BENEFITS</u>	
PLUMBERS:	BASE RATE	\$22.52
	FRINGE BENEFITS	7.80
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SHEET METAL:	BASE RATE	\$20.40
	FRINGE BENEFITS	7.80
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TRUCK DRIVERS:		
Truck helper and warehouseman:	BASE RATE	\$22.45
	FRINGE BENEFITS	13.50
Driver, winch truck and A-Frame when used in transporting materials:	BASE RATE	\$22.55
	FRINGE BENEFITS	13.50
Driver, (semi-trailer or pole trailer), driver (dump truck, tandem axle), driver of distributor:	BASE RATE	\$22.65
	FRINGE BENEFITS	13.50
Driver on mixer trucks (all types):	BASE RATE	\$22.70
	FRINGE BENEFITS	13.50
Truck mechanic:	BASE RATE	\$22.75
	FRINGE BENEFITS	13.50
Driver (3 tons and under), tire changer and truck mechanic helper:	BASE RATE	\$22.78
	FRINGE BENEFITS	13.50
Driver on pavement breakers:	BASE RATE	\$22.80
	FRINGE BENEFITS	13.50
Driver (over 3 tons), driver (truck mounted rotary drill):	BASE RATE	\$22.99
	FRINGE BENEFITS	13.50
Driver, Euclid and other heavy earth moving equipment and Low Boy:	BASE RATE	\$23.56
	FRINGE BENEFITS	13.50
Greaser on greasing facilities:	BASE RATE	\$23.65
	FRINGE BENEFITS	13.50

Kentucky Determination No. CR-13-II-HWY dated April 15, 2013

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

No laborer, workman or mechanic shall be paid at a rate less than that of the General Laborer except those classified as bona fide apprentices registered with the Kentucky State Apprenticeship Supervisor unless otherwise specified in this schedule of wage rates.

These rates are listed pursuant to the Kentucky Determination No. CR-13-II-HWY dated April 15, 2013. Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U. S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the contractor shall submit evidence of approval and registration by the U. S. Bureau of Apprenticeship and Training.

The contract or shall submit to the Contracting Officer, written evidence of the established apprenticeship-journeyman ratios and wage rates in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

TO: EMPLOYERS/EMPLOYEES

PREVAILING WAGE SCHEDULE:

The wages indicated on this wage schedule are the least permitted to be paid for the occupations indicated. When an employee works in more than one classification, the employer must record the numbers of hours worked in each classification at the prescribed hourly base rate.

OVERTIME:

Overtime is to be paid after an employee works eight (8) hours a day or forty (40) hours a week, whichever gives the employee the greater wage. At least time and one-half the base rate is required for all overtime. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. Wage violations or questions should be directed to the designated Engineer or to the undersigned.

Ryan Griffith, Acting Director
Division of Construction Procurement
Frankfort, Kentucky 40622

PART IV
INSURANCE

INSURANCE

The Contractor shall procure and maintain the following insurance in addition to the insurance required by law:

- 1) Commercial General Liability-Occurrence form – not less than \$2,000,000 General aggregate, \$2,000,000 Products & Completed Aggregate, \$1,000,000 Personal & Advertising, \$1,000,000 each occurrence.
- 2) Automobile Liability- \$1,000,000 per accident
- 3) Employers Liability:
 - a) \$100,000 Each Accident Bodily Injury
 - b) \$500,000 Policy limit Bodily Injury by Disease
 - c) \$100,000 Each Employee Bodily Injury by Disease
- 4) The insurance required above must be evidenced by a Certificate of Insurance and this Certificate of Insurance must contain one of the following statements:
 - a) "policy contains no deductible clauses."
 - b) "policy contains _____ (amount) deductible property damage clause but company will pay claim and collect the deductible from the insured."
- 5) **KENTUCKY WORKMEN'S COMPENSATION INSURANCE.** The contractor shall furnish evidence of coverage of all his employees or give evidence of self-insurance by submitting a copy of a certificate issued by the Workmen's Compensation Board.

The cost of insurance is incidental to all contract items. All subcontractors must meet the same minimum insurance requirements.

PART V
BID ITEMS

PROPOSAL BID ITEMS

132958

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Report Date 1/21/13

Section: 0001 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	02650		MAINTAIN & CONTROL TRAFFIC001B00034N	1.00	LS		\$	
0020	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE001B00034N	1.00	LS		\$	

Section: 0002 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0190	02650		MAINTAIN & CONTROL TRAFFIC001B00063L	1.00	LS		\$	
0200	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE001B00063L	1.00	LS		\$	

Section: 0003 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0210	02650		MAINTAIN & CONTROL TRAFFIC001B00063R	1.00	LS		\$	
0220	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE001B00063R	1.00	LS		\$	

Section: 0004 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0230	02650		MAINTAIN & CONTROL TRAFFIC100B00107N	1.00	LS		\$	
0240	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00107N	1.00	LS		\$	

Section: 0005 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0250	02650		MAINTAIN & CONTROL TRAFFIC100B00067L	1.00	LS		\$	
0260	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00067L	1.00	LS		\$	

Section: 0006 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0270	02650		MAINTAIN & CONTROL TRAFFIC100B00067R	1.00	LS		\$	
0280	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00067R	1.00	LS		\$	

Section: 0007 - BRIDGES

PROPOSAL BID ITEMS

132958

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Report Date 1/21/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0290	02650		MAINTAIN & CONTROL TRAFFIC100B00080N	1.00	LS		\$	
0300	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00080N	1.00	LS		\$	

Section: 0008 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0310	02650		MAINTAIN & CONTROL TRAFFIC100B00087N	1.00	LS		\$	
0320	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00087N	1.00	LS		\$	

Section: 0009 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0330	02650		MAINTAIN & CONTROL TRAFFIC100B00098N	1.00	LS		\$	
0340	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00098N	1.00	LS		\$	

Section: 0010 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0030	02650		MAINTAIN & CONTROL TRAFFIC100B00055N	1.00	LS		\$	
0040	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00055N	1.00	LS		\$	

Section: 0011 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0050	02650		MAINTAIN & CONTROL TRAFFIC100B00074L	1.00	LS		\$	
0060	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00074L	1.00	LS		\$	

Section: 0012 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0070	02650		MAINTAIN & CONTROL TRAFFIC100B00074R	1.00	LS		\$	
0080	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE100B00074R	1.00	LS		\$	

Section: 0013 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0090	02650		MAINTAIN & CONTROL TRAFFIC104B00022N	1.00	LS		\$	

PROPOSAL BID ITEMS

132958

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Report Date 1/21/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0100	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE104B00022N	1.00	LS		\$	

Section: 0014 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0110	02650		MAINTAIN & CONTROL TRAFFIC116B00001N	1.00	LS		\$	
0120	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE116B00001N	1.00	LS		\$	

Section: 0015 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0130	02650		MAINTAIN & CONTROL TRAFFIC116B00036N	1.00	LS		\$	
0140	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE116B00036N	1.00	LS		\$	

Section: 0016 - BRIDGES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0150	02650		MAINTAIN & CONTROL TRAFFIC116B00044N	1.00	LS		\$	
0160	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE116B00044N	1.00	LS		\$	

Section: 0017 - DEMOB

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0170	02568		MOBILIZATION	1.00	LS		\$	
0180	02569		DEMOBILIZATION	1.00	LS		\$	