



**COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
www.transportation.ky.gov/

**Matthew G. Bevin**  
Governor

**Greg Thomas**  
Secretary

September 18, 2018

CALL NO. 101  
CONTRACT ID NO. 181228  
ADDENDUM # 2

Subject: GRANT COUNTY, NHPP IM 0756 (103)  
Letting September 21, 2018

- (1) Revised - Trenching Pavement Detail Sheet - Page 52 of 233
- (2) Revised - Proposal Notes - Pages 144-146 of 233

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills".

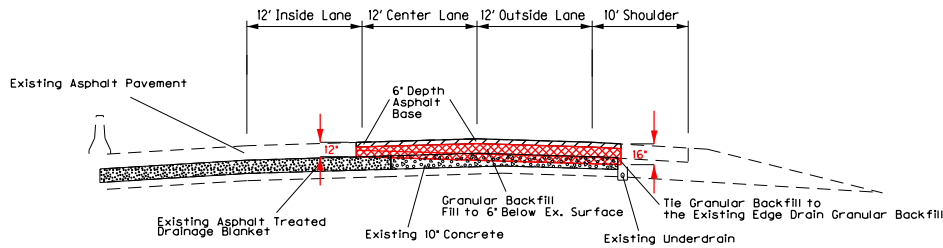
Rachel Mills, P.E.  
Director  
Division of Construction Procurement

RM:mr  
Enclosures

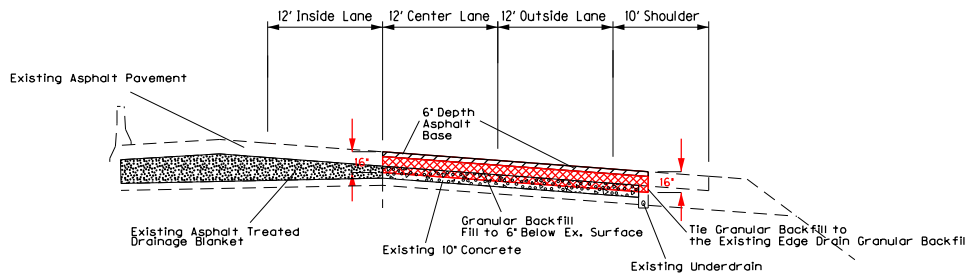


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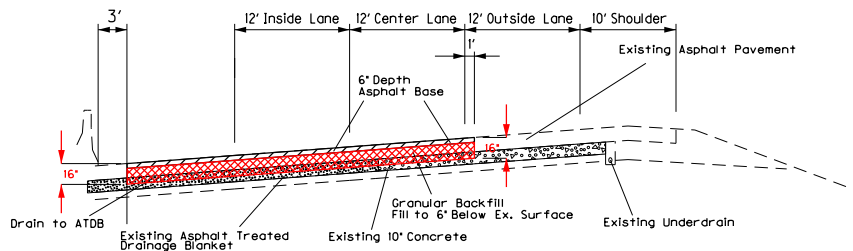
# I75 GRANT COUNTY TRENCHING (PAVEMENT)



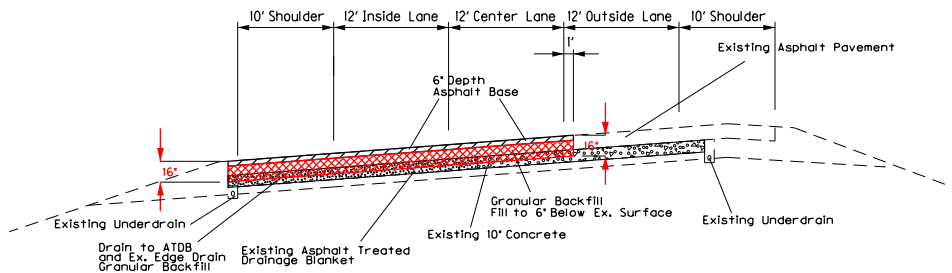
**Normal Crown (Typ. Common or Bifurcated)**



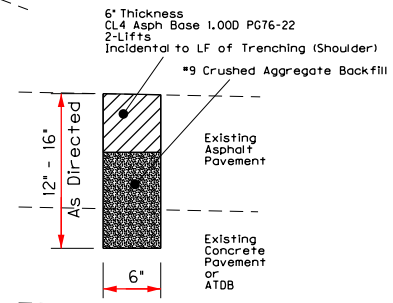
**Superelevation - Right (Typ. Common or Bifurcated)**



**Superelevation - Left (Typ. Common Median)**



**Superelevation - Left (Typ. Bifurcated)**



**Trench Detail**

- 1) All underdrain material, granular backfill material, and asphalt base shall be incidental to the unit bid price for Trenching (Pavement). Perforated pipe not required.
- 2) Granular Backfill shall consist of #9 aggregate filled to the bottom of the proposed asphalt base layer used for trench cap.
- 3) The engineer may modify the number of lanes to receive trenching at a given location as field conditions warrant.
- 4) Trenched locations must set for at least 30 Calendar Days prior to placement of final surfacing.
- 5) Locations of trenching (pavement) are to be determined by the engineer in the field. For bidding purposes, a quantity of 1,000 LF has been established. The engineer reserves the right to modify dimensions, depths, and quantities depicted in this detail. Quantities have been carried over to the General Summary.
- 6) Phased construction will be required if all 3 lanes receive trenching treatment.
- 7) Excavation for Trenching (Pavement) will be considered incidental to the pay item "Trenching (Pavement)" and will be performed by a wheel trencher or other equipment approved by the engineer capable of carving a trench to the proposed neat lines shown.

SCALE 1"=N.T.S.

I-75  
TRENCHING DETAIL

- L. **Remove Paved Ditch.** As individually approved by the engineer, paved ditches that are required to be removed due to failure or damage, may be broken into fragments no greater than 1 foot diameter and reshaped and allowed to remain in place. The ditches must be regraded, filling any voids, and the broken concrete used in the same manner as channel lining. The broken concrete will be supplemented by a 1 – 2 feet thick application of Channel Lining Class III as directed by the engineer.
- M. **Trenching (shoulder).** A quantity of trenching has been established for the removal of failed shoulder materials to the dimensions shown on the typical sections for the northbound on ramp at Exit 154
- N. **Trenching (pavement).** See detail for Pavement Trenching. Locations with moisture in the asphalt pavement will be identified in the field by the engineer for trenching in accordance with the detail. Utilize methods approved by the engineer to provide a neat cut of the existing pavement to the dimensions shown and provide outlet to either the existing drainage blanket and/or existing longitudinal edge drain system in the inside lanes, and to the longitudinal edge drain system in the outside lanes.

#### IV. METHOD OF MEASUREMENT

- A. **Maintain and Control Traffic.** See Traffic Control Plan. Only the bid items listed will be measured for payment. Removal or covering of existing pavement marker lenses will be made and will be considered incidental to “Maintain and Control Traffic”.
- B. **Site Preparation.** Other than the bid items listed, site preparation will not be measured for payment, but will be incidental to the other items of work.
- C. **Erosion Control.** Erosion control items will be measured and paid in accordance with the Standard Specifications for Road and Bridge Construction. No direct measurement for seeding will be made as the seeding is incidental to the erosion control blanket in accordance with the specifications.
- D. **Pavement Repair.** Pavement repair areas shall be bid “Milling and Texturing” per ton and all asphalt mixtures paid per ton and consists of all labor, equipment and materials necessary to complete the repairs as shown in the detail provided in the proposal. Locations and quantities will be determined in the field by the engineer. Quantities for this item may be increased, reduced or eliminated at the discretion of the engineer.
- E. **Remove Existing Paved Ditch.** Removal of paved ditches will be measured by the square yard and will include the measured quantity that are broken, reshaped, supplemented by channel lining and allowed to remain on the project as approved by the engineer

- F. **Removal of Wedge Curb.** If wedge curb is encountered in a shoulder repair area or to be replaced with concrete wedge curb, removal of the existing wedge curb will be considered incidental to other items on the contract.
- G. **Joint Adhesive.** See “Special Note for Longitudinal Pavement Joint Adhesive”.
- H. **Roadway Excavation.** Roadway Excavation will be measured as design quantity plus or minus field measured authorized adjustments. Cross sections have been provided for the slide repair at northbound MP 156.4. Based on field conditions, the engineer may modify or adjust the actual dimensions of the limits of the roadway excavation necessary and adjust the measured quantity accordingly.
- I. **Trenching (shoulder).** Trenching (shoulder) will be measured longitudinally along the edge of the ramp edge of pavement and will include all items of work necessary to prepare the subgrade to reconstruct the shoulder as detailed.
- J. **Trenching (pavement).** Trenching (pavement) will be measured along the length of the trench within the bounds of the existing mainline or shoulder pavement and will include all materials within the measured limits including the #9 stone backfill and the asphalt base trench cap.
- K. **Inlaid Pavement Markers.** Inlaid pavement markers are to be measured in accordance with the “Special Note for Inlaid Pavement Markers”. No direct payment will be made for the removal of the existing pavement markers prior to the milling operation and shall be considered incidental to milling and texturing.
- L. **Water Blasting Existing Stripe.** Pavement striping removal will be measured per linear feet of stripe removed.

## V. BASIS OF PAYMENT

No direct payment will be made other than for the bid items listed. All other items required to complete the construction will be incidental to the bid items listed. Existing signs damaged by the Contractor will be replaced by the Contractor at his expense. Payment will be made in accordance with the KYTC Standard Specifications, current edition with supplemental specifications and current Standard Drawings unless otherwise specified herein.

- A. **Maintain and Control Traffic.** See Traffic Control Plan.

- B. **Site Preparation.** Other than the bid items listed, no direct payment will be allowed for site preparation, but will be incidental to the other items of work.
- C. **Pavement Markers and Permanent Striping.** See Traffic Control Plan, Standard Specifications and “Special Note for Inlaid Pavement Markers”.
- D. **Lane Closures.** Contrary to Section 112, lane closures will not be measured for payment but will be incidental to the bid item “Maintain and Control Traffic”. Arrow boards, portable message boards, and signs shall be paid for one time regardless of how many times they are moved.
- E. **Ditching and Shouldering.** In accordance with Section 209 of the Standard Specifications, the bid item “Ditching and shouldering” includes ditching on both sides of the roadway and the median for the entire length of the project. Cleaning of all drainage structures, including perforated pipe headwalls and pipe structures 36 inches in diameter or less is also included in this bid item. In addition to Section 209.04.06 shouldering shall include all materials required to complete the shoulder repairs as shown in the shoulder repair detail except the bid items listed for payment on the shoulder repair detail. Approximate locations for this repair is shown on the shoulder repair detail.
- F. **Remove Existing Paved Ditch.** The removal of the existing paved ditch shall be paid for as “square yards” and shall include the breaking and reshaping of the existing concrete in preparation for installation of the Class III Channel Lining.
- G. **Joint Adhesive.** See “Special Note for Longitudinal Pavement Joint Adhesive”
- H. **Inspect and Certify Edge Drain System.** One payment for “Inspect and Certify Edge Drain System” will include both the initial camera inspection of the entire existing system which is required to identify damaged and nonfunctional areas in the existing system requiring replacement, and also includes the second inspection required for certification of the newly installed replacement areas.
- I. **Trenching (shoulder).** Trenching (shoulder) will be paid by the Linear Foot.
- J. **Trenching (pavement).** Trenching (pavement) will be paid by the Linear Foot of trenching within the bounds of the existing pavement.
- K. **Water Blasting Existing Stripe.** Pavement striping removal will be measured for payment per linear feet of stripe removed by Water Blasting.