



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

January 20, 2017

CALL NO. 403
CONTRACT ID NO. 173200
ADDENDUM # 2

Subject: Warren County, 114GR17000R000-CB06
Letting January 27, 2017

- (1) Revised - Note - Pages 14 & 17 of 123
- (2) Revised - Map - Page 43 of 123
- (3) Revised - Typical Section - Page 61 of 123
- (4) Added - Notes - Pages 1-5 of 5

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 cursive script that reads "Rachel Mills".

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

RM:ks
Enclosures



An Equal Opportunity Employer M/F/D

SLIDE REPAIR

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Engineer.

Install Recycled Drilled-In Railroad Rails classified with a nominal weight of **136 lb/yd or greater**. Use only visibly straight Recycled Railroad Rails with no splices. The Engineer will verify rail nominal weights (Manufacturer's Stamp with lbs/yd, date, etc.). Provide certification for nominal weight if the Manufacturer's Stamp is unidentifiable. Install the flanges of the rails positioned parallel to the centerline of the roadway. Immediately after installing Railroad Rail, backfill the drilled socket with materials other than auger tailings including one of the following materials: concrete; pea gravel; or coarse aggregates (#67, #68, #78, #8 & #9 only). Shovel backfill material into drilled socket to prevent voids from forming around the rails.

Install cribbing as instructed by the engineer. Cribbing shall be unused sheet piling, supplied by the Department. This cribbing shall be welded to railroad rail as directed by the Engineer with a minimum of five welded connections per piece of cribbing required. The dimensions of the unused sheet piling is 2.5 ft x 30 ft. The ends of the sheet piling used for cribbing shall align with the installed railroad rails and shall not be spliced between installed railroad rails. Recycled sheet piling for cribbing shall be picked up at the Warren County Maintenance Facility at 2160 Three Springs Rd, Bowling Green, KY 42104. Piling shall be loaded and transported to the site by the contractor. Advance notification of at least one week will be required before pick up of the sheet piling at the Warren County facility.

Use Kentucky Coarse Aggregate Nos. 2's meeting the requirements of Sections 703 and 805 of the Standard Specifications for Road and Bridge Construction (Current Edition) for backfill behind the lagging.

NOTE: The new guardrail section to be installed shall be double ply rail throughout the section of drilled railroad steel. The extra quantity has been included and will be paid by the linear foot. Double ply rail will allow guardrail post to be placed 2 feet from the Railroad Steel and Lagging.

D. Shoulder - Removal, Excavation. Be responsible for all excavation of shoulder material required for construction as shown on the drawings and as directed by the Engineer. Ensure the layer of No. 2 stone is wrapped in Geotextile Fabric Type IV.

And additional quantity of DGA is setup for capping the No. 2 stone from the edge of shoulder to face of guardrail. DGA is also to be used to build out the shoulder throughout the project length.

Provide positive drainage of pavement, shoulders, slopes, and ditches at all times during and upon completion of construction.

Without regard to the materials encountered, be aware that any reference to rock, earth, or any other material on the drawings, whether in numbers or words, letters, or lines, is solely

SLIDE REPAIR

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V. BASIS OF PAYMENT

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

B. Site Preparation. Payment at the Contract lump sum price for Site Preparation shall be full compensation for furnishing all labor, materials, equipment and incidentals for Site Preparation, including but not limited to Staking, Roadway Excavation, Structure Excavation, ditching, obstructions or any other items; saw cutting pavement and pavement and shoulder removal; grading, reshaping, and compacting subgrade and shoulder; cleaning pipe culverts and inlet and outlet ditches; and disposal of waste and debris and restoration.

C. Railroad Steel- Drilled. Payment at the contract unit price per linear foot for Railroad Steel – Drilled shall be full compensation for furnishing all labor, materials, equipment, and incidentals for furnishing and installing railroad steel, drilling, and backfilling railroad steel sockets.

D. Install Cribbing. Payment at the contract unit price per square feet for install cribbing shall be full compensation for furnishing all labor, materials, and equipment to cribbing. The contractor is responsible for delivery of any sheet piling to the jobsite from the Warren County Maintenance Facility in Bowling Green, KY . No additional compensation will be made for this delivery. The contractor will also be responsible for delivery of any unused recycled lagging back to the Warren County Maintenance Facility.

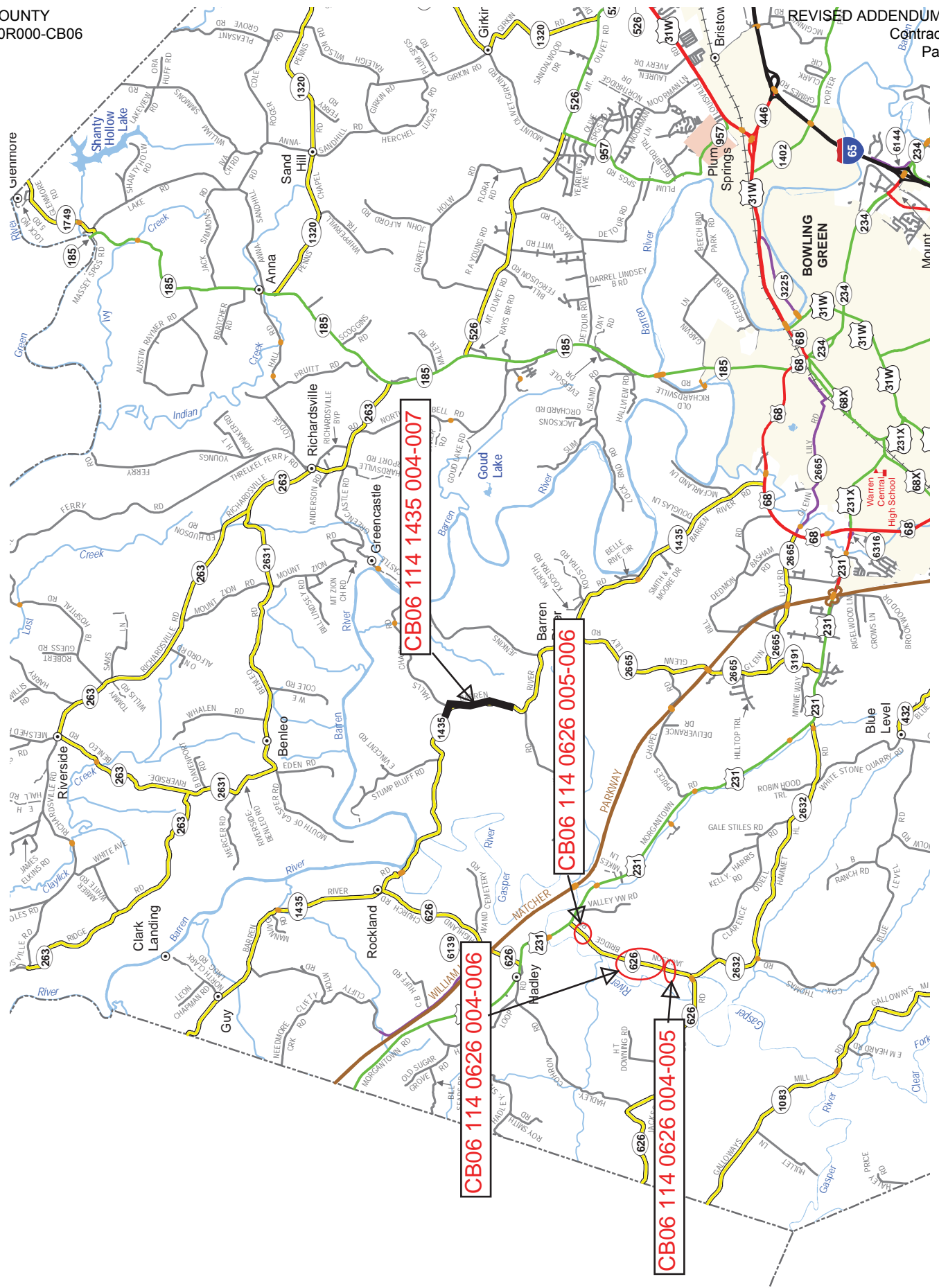
E. Crushed Aggregate Size No. 2. Payment at the contract unit price per ton for Crushed Aggregate Size No. 2 shall be full compensation for all labor, materials, equipment, and incidentals to install Crushed Aggregate Size No. 2 backfill.

DGA. Payment at the contract unit price per ton shall be full compensation for all labor, equipment, and material to install DGA.

F. Geotextile Fabric Type IV. Payment at the contract unit price per square yard for geo fabric shall be full compensation for all labor, materials, equipment, and incidentals to install geo fabric type IV.

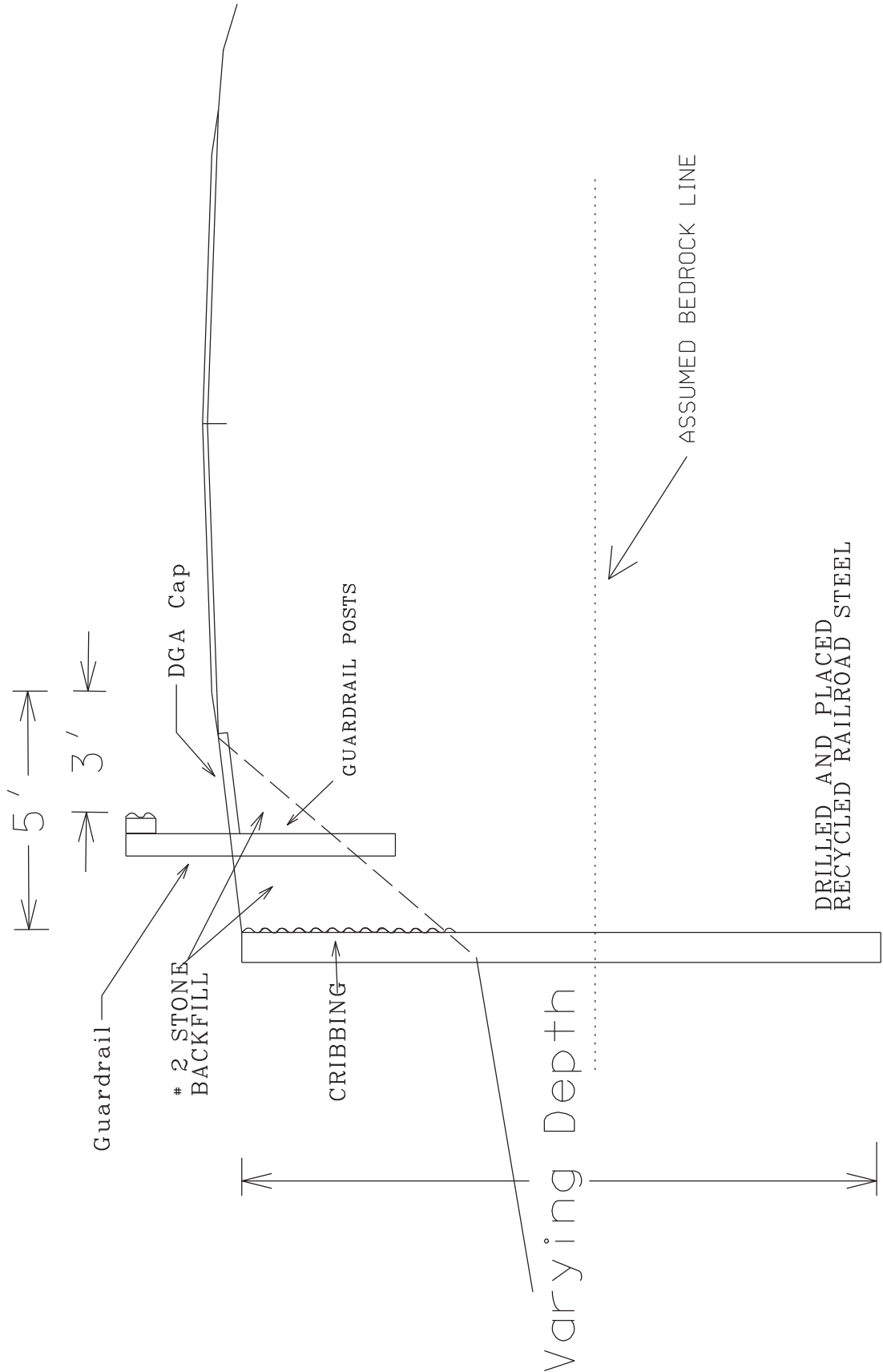
G. Pavement. Class 2 Asphalt Base 1.0D PG64-22 and Class 2 Asphalt Surface 0.38D PG 64-22 will be paid by the Ton.

WARREN COUNTY

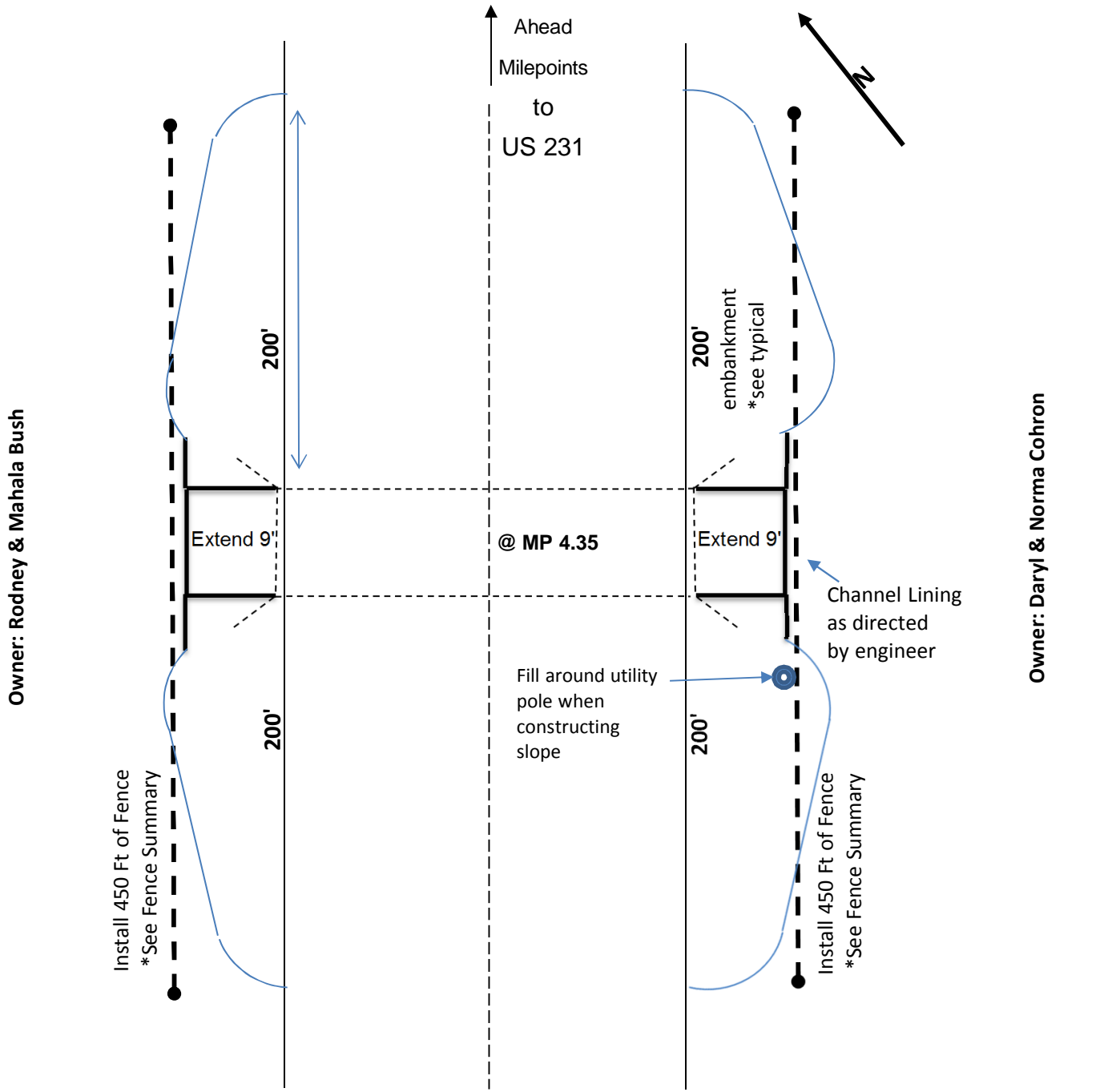


DETAILED TYPICAL SECTION Drilled RR Steel & Cribbing

CB06 114 0626 004-006



CB06 114 0626 004-006
8'x4' Box Culvert Extension 0 Degree Skew @ 4.35 MP



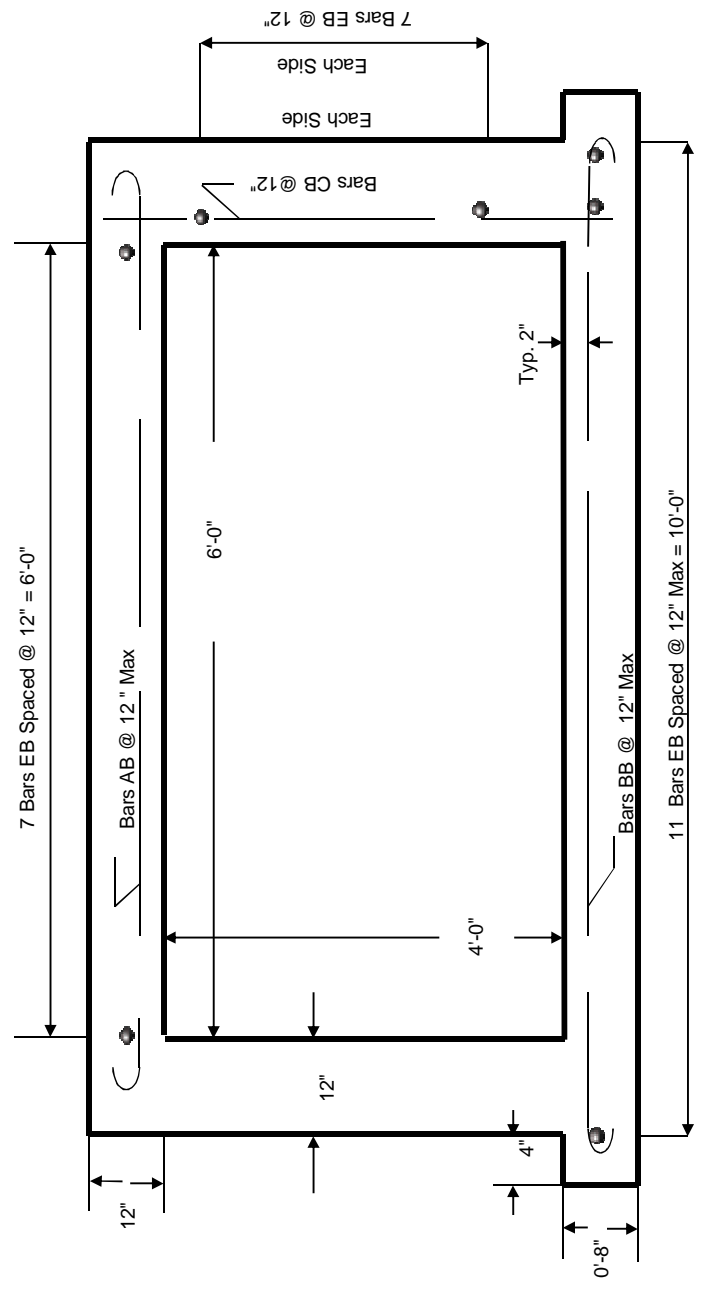
Total Quantities

	Parapet		
	Wingwall	Barrel	Total
Steel Reinforcement	530	1283	1813
Class A Concrete	4.16	33.49	39.53

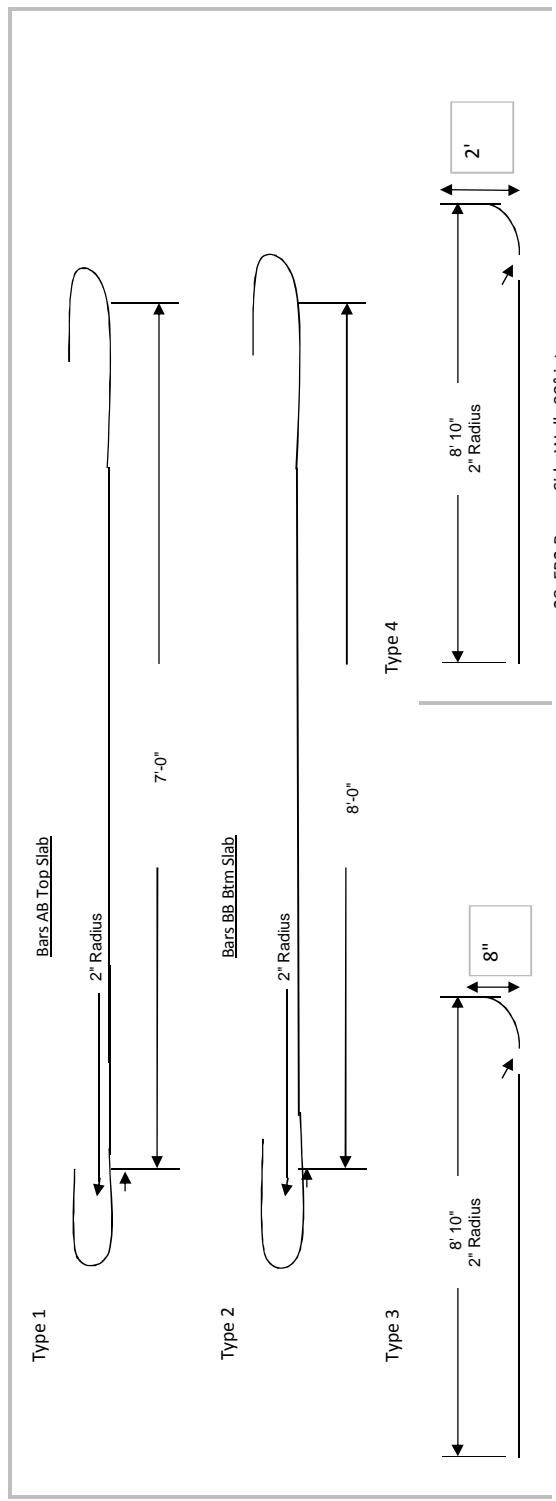
	Unit	Total
Embankment In Place	CY	775

*DGA included in project is to be used along the roadway shoulder to eliminate any pavement dropoffs.

Barrel Cross Section @ MP 4.35
North and South Bound Sides



BARREL BILL OF REINFORCEMENT - NORTH AND SOUTH SIDE						
MARK	TYPE	# OF BARS	SIZE	L (FT)	LOCATION	LBS
AB	1	20	5	8.5	TOP SLAB	177.31
BB	2	20	5	9.5	BTM SLAB	198.17
CB	STR	40	5	6	WALLS	250.32
EB 1	3	14	4	9.5	BARREL TOP	88.844
EB 2	4	50	4	11	WALLS AND BOTTOM SLAB	367.4
FB	STR	64	5	3	DOWELS	200.256
TOTAL BARREL REINF. (LBS) =						1282.3
wing walls =						529.87768
Total=						1812.178



WARREN COUNTY
Jackson Bridge Rd - KY 626
CB06 114 0626 004-006
Fence Summary

Property Owner	Fence Type	Length of Install
Rodney Bush	Fence Special**	450 feet
Daryl Cohron	Woven Wire Type 1	450 feet

** 6" Wooden Creosote Posts on 6' centers with woven wire TY 1 fencing material.