

~ NOTES ~

1. THE CONTRACT UNIT PRICE SHALL INCLUDE ALL MATERIALS, TOOLS, FORMS, LABOR, EXCAVATION, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH THIS DRAWING.
- ② 1/2" PREMOLDED EXPANSION JOINT MATERIAL REQUIRED.
3. STEEL REINFORCING BARS SHALL BE EVENLY SPACED AS SHOWN AND SHALL BE GRADE 40 MINIMUM.
- ④ CONCRETE QUANTITIES FOR CONDITION NO.'S. 1, 2, AND 3 ARE BASED ON A BRIDGE PIER WIDTH OF 3'-0".
- ⑤ USE DETAIL "A" FOR ENERGY ABSORPTION SYSTEM'S QUADGUARD CRASH CUSHION ALTERNATE. ALL OTHER CONNECTIONS REQUIRE A SQUARE NOSE.
- ⑥ Y=2'-0" FOR CRASH CUSHION TYPE VI, AND Y=1'-6" FOR GUARDRAIL CONNECTOR TO CONCRETE MEDIAN BARRIER END.  
 WHEN THE CONCRETE MEDIAN BARRIER END IS PLACED AT A PIER WIDER THAN 3'-0" THE BARRIER END TRANSITION SHALL BE CONSTRUCTED ON A 12:1 MIN. TAPER AND ADDITIONAL CONCRETE AND STEEL QUANTITIES SHALL BE CALCULATED.  
 BID ITEMS AND UNIT TO BID:  
 STEEL REINFORCEMENT                      LB  
 CONCRETE-CLASS AA                      CUYD
- ⑦ BARRIER RUNS WITH ABUTTING VERTICAL SURFACES AT EITHER REQUIRED OR PERMISSIBLE CONSTRUCTION JOINTS ARE TO BE DOWELED TO EACH OTHER BY USE OF 3/4" DIAMETER BY 18" LONG EPOXY COATED DEFORMED DOWEL BARS. BARS ARE TO BE PLACED AS SHOWN ON THE DOWEL BAR PLACEMENT DETAIL ON SEPIA 018 . PROVIDE A 4" CLEARANCE TO BARRIER SURFACES AND TO ANY RACEWAYS.

SUBMITTED W. J. Fayson 10-26-2020  
DIVISION DIRECTOR DATE



COMMONWEALTH OF KENTUCKY  
 DEPARTMENT OF HIGHWAYS



DRAWING TITLE: SEPIA 005N - CONCRETE BARRIER END SECTIONS (TL3 42" TALL WALL) NOTES

ITEM NO.	COUNTY OF
SHEET NO.	