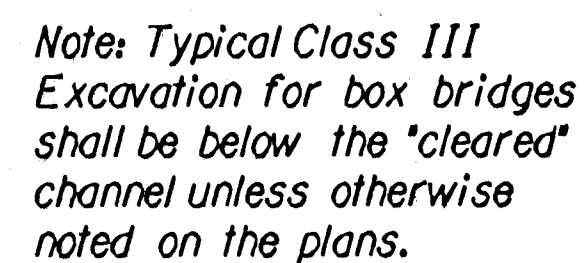


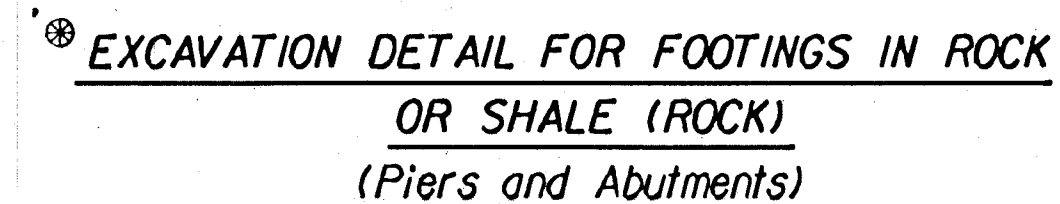
ORIG. FROM BR/NO.	PROJ.	COL.
DESIGN	DESIGN	CHECK
DETAIL	DATE	DATE
QUANTITIES	DATE	DATE
TRACING	DATE	DATE
RETRACED	DATE	DATE

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24-APR-1990 15:06	View= PLOT1



Note: Excavation for culverts less than bridge length shall not be paid for as Class III Excavation but shall be subsidiary to Class AAA Concrete.

Sides of trenches in hard or compacted soil including embankments shall be shored, sheeted, braced or otherwise supported when the trench is more than 5 feet in depth and 8 feet or more in length. In lieu of the shoring, the sides of the trench above the 5 foot level may be sloped to preclude collapse. The slope for average soils shall be 1:1. If the angle of repose of the soil is less, flatter slopes shall be required.



Note: Excavation below top of rock, hard shale or below top of footing, whichever is lower, shall be to neat lines of the concrete construction.



Note: Whenever the limits of the drilled shaft construction are greater than the Column Diameter + 2X, the limits of Class III Excavation shall be the limits of the drilled shaft construction. (See Detail B)

See detail when rock or shale (rock) is encountered.



See detail when rock or shale (rock) is encountered.



Note: Bridge Contractor shall finish the embankment and berms after the construction of the abutment and dispose of any excess material as approved by the Engineer.

See detail when rock or shale (rock) is encountered.

Note: All bridge excavation shall be computed on the basis of the cross-hatched areas and boundary lines indicated on this sheet.

Dimension "X" shall be 2'-0" unless indicated otherwise on the general plans.

Dimension "Y" shall be 1'-6" unless indicated otherwise on the general plans.

I	4-6-90	Change limits at abutment	LRR	KFH	
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
BRIDGE EXCAVATION					
STD. NO. 100					
FHWA APPROVAL	4-16-90	APP'D	KENNETH F. HURST		
DESIGNED	DETAILED	ROR	QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.	LRR	QUAN.CK.	TRACE CK.	