



DECK PLACING PROCEDURE: In placing the deck concrete, construction joints will be permitted, parallel to the transverse reinforcing steel and near the middle of any span. Because of the flow of curing water from the surface of previously-placed deck concrete, the sequence of pours shall be upgrade starting at the abutments.

WELDING shall be Class "A". Any welds shown as field welds may at the option of the contractor be made, be made in the shop.

DECK SLAB DEPTH: The distance shown from top of deck slab to top of steel beam is the nominal dimension. The quantity of deck concrete to be paid for shall be based on this dimension, even though deviation from it may be necessary because the top flange of the beam may not have the exact camber or conformation required to place it parallel to the finished grade.

DEFLECTION AND CAMBER				
LOCATION	OUTSIDE BEAMS		INSIDE BEAMS	
	END SPANS	CENTRAL SPANS	END SPANS	CENTRAL SPANS
Deflection due to weight of steel	$\frac{1}{16}$ "	$\frac{1}{16}$ "	$\frac{1}{16}$ "	$\frac{1}{16}$ "
Deflection due to remaining dead load	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Convexity required for vertical curve	$\frac{9}{16}$ "	$\frac{13}{16}$ "	$\frac{9}{16}$ "	$\frac{13}{16}$ "
Sum of Deflection and Convexity	$\frac{15}{16}$ "	$1\frac{1}{4}$ "	$\frac{15}{16}$ "	$1\frac{1}{4}$ "
Required Camber	1"	$1\frac{1}{4}$ "	1"	$1\frac{1}{4}$ "

	3/23/62	AS CONSTRUCTED	H.F.K.
REVISION	DATE	DESCRIPTION	BY
U. S. ARMY ENGINEER DISTRICT, HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.			
DRAWN BY:	F.H.S.	LICKING RIVER DILLON RESERVOIR PROJECT	
TRACED BY:	P.J.M.	RELLOCATION OF MUSKUMING COUNTY ROAD NO. 8 MC-8-4 & MT-408-I MC-8-I & MC-408-I	
CHECKED BY:	EOR	SUPERSTRUCTURE DETAILS	
SUBMITTED BY:	Elmer S. Barrett	BRIDGE NO. MÜS - 8 - 0825	
ELMER S. BARRETT ASSOCIATES		COUNTY ROAD NO. 8 OVER LICKING RIVER	
RECOMMENDED:	Jeanette Garrison	APPROVED: Steven Malenich	DATE: NOVEMBER 1959
CHIEF ENG. DIV.		COL. C.E. DISTRICT ENGINEER	
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		SCALE: 1" = 10' DRAWING NUMBER 027f-UD14-68/78 SHEET 78 OF 83	