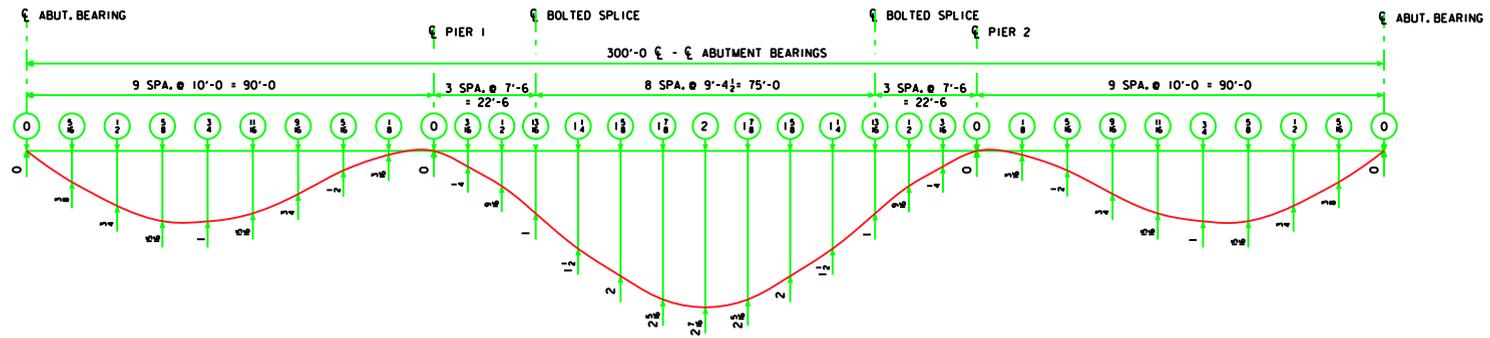


REVISION - 03-07 - ADDED DISTRIBUTION FACTOR TERM TO TABLE.



DEAD LOAD DEFLECTION DIAGRAM

- NOTES:
 1. ENCIRCLED NUMBERS INDICATE ANTICIPATED DEFLECTION DUE TO CONCRETE ONLY.
 2. DEFLECTIONS ARE IN INCHES.

		MOMENT - foot-kips						REACTION - kips					
LOAD NAME	LOAD - k/ft	POSITIVE MOMENT				NEGATIVE MOMENT		REACTION					
		INTERIOR	EXTERIOR	0.4 PT. END SPAN	0.5 PT. CENTER SPAN	PIER	PIER	ABUTMENT	ABUTMENT	PIER	PIER		
D.L. NO. 1	0.74*	0.72*		502	492	584	571	1108	1085	31	31	113	111
D.L. NO. 2	0.29	0.29		160	155	218	205	304	317	10	10	34	34
LIVE LOAD + IMPACT HS20-44 DISTRIBUTION FACTOR	TRUCK	MOMENT	MOMENT										
		1.35	1.27	952	888	1057	964	-	-	59	50	-	-
	LANE	1.65	1.05	-	-	-	-	778	771	-	-	85	80
TOTAL	-	-	-	-	-	-	-	2190	2173	100	91	232	225

* LOAD VALUES DO NOT INCLUDE GIRDER WEIGHT.
 MOMENT AND REACTION VALUES DO INCLUDE GIRDER WEIGHT.
 MOMENTS AND REACTIONS SHOWN ARE UNFACTORED.

03-07 LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER <i>Thomas C. McQuinn</i>		
		STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES FEBRUARY, 2004	
		BEAM DEFLECTIONS 300'-0 BRIDGE	RS40-53-04