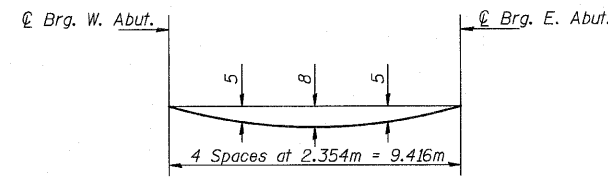


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

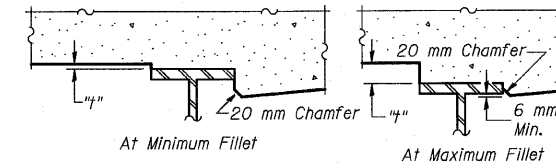
ROUTE NO. FAP 303 IL. 173	SECTION 134(B&B-2)R-1	COUNTY LAKE	TOTAL SHEETS 137	SHEET NO. 06	SHEET NO. 3 17 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT			



**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only).

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below and on Sheet 4 of 17.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on Sheet 4 of 17. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on Sheet 4 of 17, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

GIRDER 1					GIRDER 2				GIRDER 3				CL. Rte. 173 and P.G.L.						
Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back West Abut.	25+093.827	-5.567	227.991	227.991	Back West Abut.	25+093.701	-3.205	228.188	228.188	Back West Abut.	25+093.576	-0.842	228.385	228.385	Back West Abut.	25+093.532	0.000	228.455	228.455
CL West Abut.	25+093.982	-5.569	227.989	227.989	CL West Abut.	25+093.854	-3.207	228.186	228.186	CL West Abut.	25+093.729	-0.845	228.383	228.383	CL West Abut.	25+093.684	0.000	228.454	228.454
C	25+097.038	-5.597	227.963	227.969	C	25+096.886	-3.236	228.160	228.166	C	25+096.737	-0.876	228.357	228.363	C	25+096.682	0.000	228.430	228.436
D	25+100.093	-5.595	227.939	227.946	D	25+099.918	-3.236	228.136	228.143	D	25+099.746	-0.877	228.333	228.340	D	25+099.682	0.000	228.406	228.413
CL East Abut.	25+103.572	-5.557	227.914	227.914	CL East Abut.	25+103.370	-3.200	228.112	228.112	CL East Abut.	25+103.171	-0.843	228.309	228.309	CL East Abut.	25+103.101	0.000	228.379	228.379
Back East Abut.	25+103.727	-5.555	227.913	227.913	Back East Abut.	25+103.527	-3.198	228.111	228.111	Back East Abut.	25+103.323	-0.841	228.308	228.308	Back East Abut.	25+103.253	0.000	228.378	228.378

**NOTES**

For Plan View, CL Structure, Stage Construction Line and Girders 4 thru 6, See Sheet 4.  
All dimensions are in millimeters (mm) except as noted.

**TOP OF SLAB ELEVATIONS-1**  
FAP 303 IL. ROUTE 173  
OVER WEST BOAT CHANNEL  
SECTION 134(B&B-2)R-1  
LAKE COUNTY  
STATION 25+098.390  
STRUCTURE NO. 049-0055

DESIGNED	PAT2
CHECKED	RCJ/JRF
DRAWN	RDS
CHECKED	PAT2

