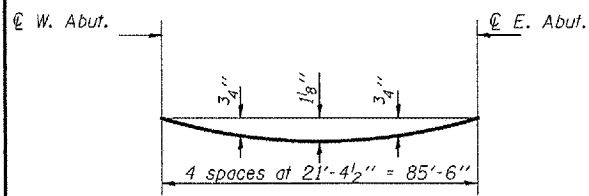


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO. 4 16 SHEETS
F.A.P. 310	(101BY) BR	WARREN	97	38	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

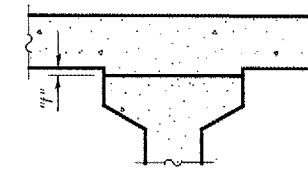
Contract #88798



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

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 5 of 16.

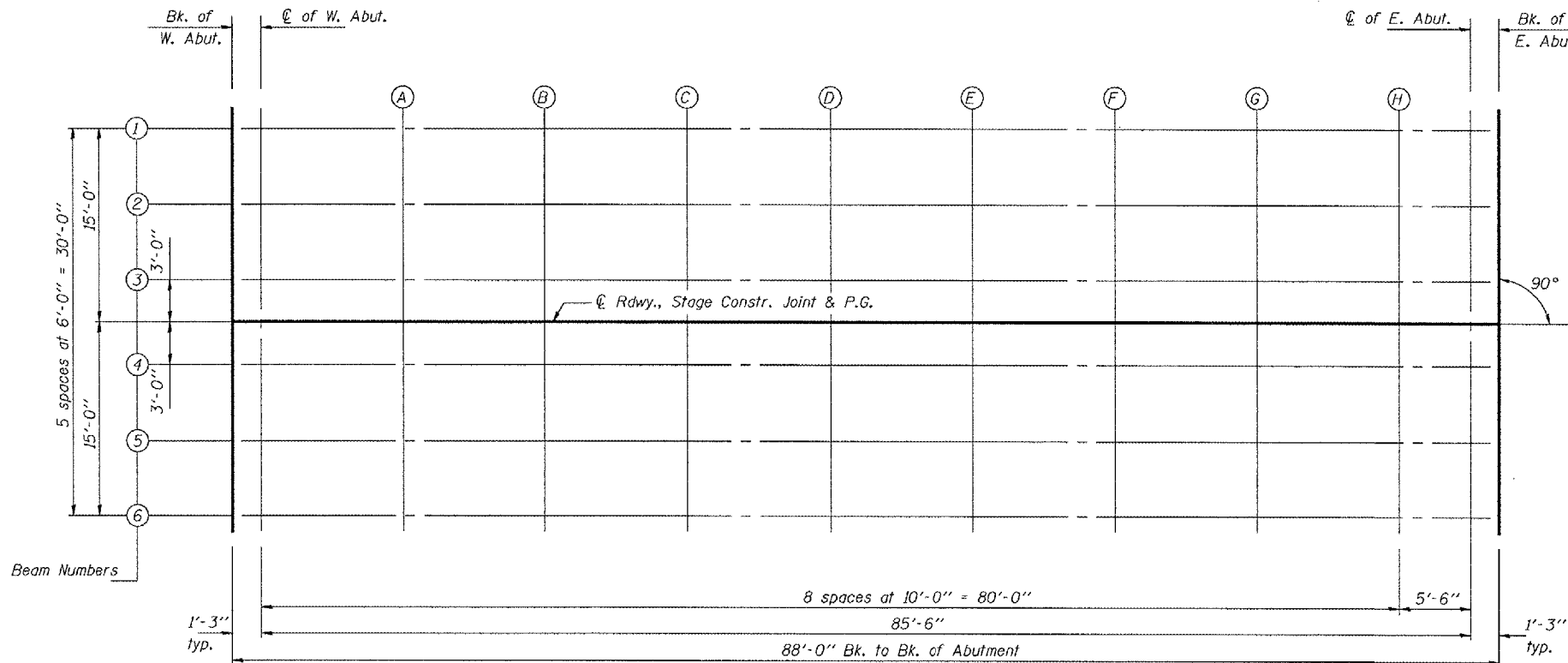


To determine "f": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" minus slab thickness, equals the fillet heights "f" above top flanges of beams.

FILLET HEIGHTS

**ROADWAY, P.G., &
STAGE CONSTRUCTION JOINT**

BEAM 1					BEAM 2					BEAM 3					ROADWAY, P.G., & STAGE CONSTRUCTION JOINT				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	7258.000	15.000	645.264	645.264	Bk. W. Abut.	7258.000	9.000	645.374	645.374	Bk. W. Abut.	7258.000	3.000	645.468	645.468	Bk. W. Abut.	7258.000	0.000	645.514	645.514
☉ W. Abut.	7259.250	15.000	645.235	645.235	☉ W. Abut.	7259.250	9.000	645.345	645.345	☉ W. Abut.	7259.250	3.000	645.438	645.438	☉ W. Abut.	7259.250	0.000	645.485	645.485
A	7269.250	15.000	645.012	645.044	A	7269.250	9.000	645.122	645.153	A	7269.250	3.000	645.215	645.247	A	7269.250	0.000	645.262	645.293
B	7279.250	15.000	644.810	644.872	B	7279.250	9.000	644.919	644.981	B	7279.250	3.000	645.013	645.075	B	7279.250	0.000	645.059	645.122
C	7289.250	15.000	644.627	644.704	C	7289.250	9.000	644.736	644.813	C	7289.250	3.000	644.830	644.907	C	7289.250	0.000	644.877	644.954
D	7299.250	15.000	644.464	644.553	D	7299.250	9.000	644.573	644.662	D	7299.250	3.000	644.667	644.756	D	7299.250	0.000	644.714	644.803
E	7309.250	15.000	644.321	644.405	E	7309.250	9.000	644.430	644.514	E	7309.250	3.000	644.524	644.608	E	7309.250	0.000	644.571	644.655
F	7319.250	15.000	644.198	644.270	F	7319.250	9.000	644.308	644.379	F	7319.250	3.000	644.401	644.473	F	7319.250	0.000	644.448	644.520
G	7329.250	15.000	644.144	644.194	G	7329.250	9.000	644.205	644.253	G	7329.250	3.000	644.299	644.347	G	7329.250	0.000	644.345	644.394
H	7339.250	15.000	644.013	644.030	H	7339.250	9.000	644.122	644.139	H	7339.250	3.000	644.216	644.233	H	7339.250	0.000	644.263	644.280
☉ E. Abut.	7344.750	15.000	643.976	643.976	☉ E. Abut.	7344.750	9.000	644.085	644.085	☉ E. Abut.	7344.750	3.000	644.179	644.179	☉ E. Abut.	7344.750	0.000	644.226	644.226
Bk. E. Abut.	7346.000	15.000	643.968	643.968	Bk. E. Abut.	7346.000	9.000	644.077	644.077	Bk. E. Abut.	7346.000	3.000	644.171	644.171	Bk. E. Abut.	7346.000	0.000	644.218	644.218



PLAN

DESIGNED	JSD
CHECKED	CME
DRAWN	P.W. SWEET
CHECKED	JSD/CME

September 6, 2007
 EXAMINED *Thomas J. Donagale*
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. ROUTE 310 - SECTION (101BY)BR
WARREN COUNTY
STATION 73+02
STRUCTURE NO. 094-0049