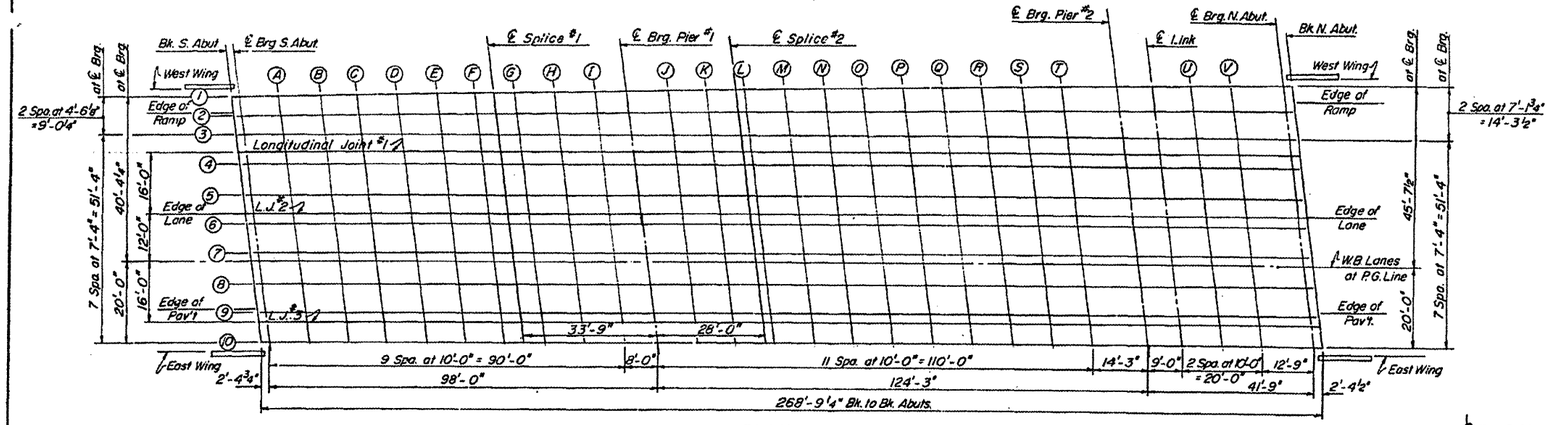
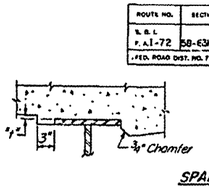
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

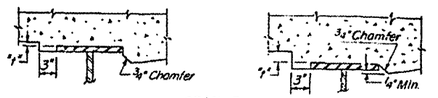


PLAN

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U.S.R.L. F.A.I-72	58-63HVB	MACON	27	42
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

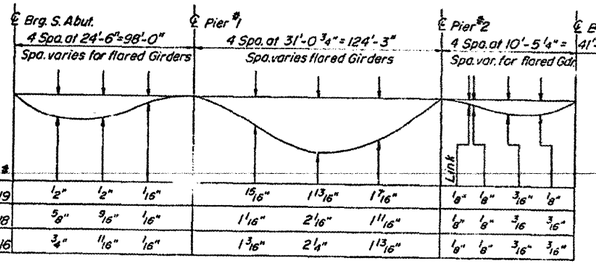
SHEET NO. 3
26 SHEETS





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

FILLET HEIGHTS



DEAD LOAD DEFLECTION DIAGRAM

(Includes weights 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.

LINE	BEAM OR GIRDER	STATION	OFFSET	THEORETICAL GRADE ELEVATION	ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. of S. Abut.	W. Wing	72264.677	42.307	712.697	712.697
	E. Ramp	72265.491	36.322	712.823	712.823
	Lane	72268.786	12.000	713.338	713.338
	P.G.	72270.413	0.001	713.529	713.529
	E. Pvmt.	72272.040	-12.000	713.346	713.346
	E. Wing	72273.396	-22.000	713.142	713.142
S.SRG.	GDR. 1	72267.339	40.354	712.618	712.618
	GDR. 2	72267.951	35.044	712.714	712.714
	GDR. 3	72268.562	31.333	712.809	712.809
	GDR. 4	72269.556	24.000	712.964	712.964
	GDR. 5	72270.550	16.667	713.119	713.119
	GDR. 6	72271.545	9.333	713.261	713.261
	GDR. 7	72272.539	2.000	713.378	713.378
	P.G.	72272.810	0.001	713.535	713.535
	GDR. 8	72273.533	-9.333	713.328	713.328
	GDR. 9	72274.527	-12.667	713.213	713.213
	GDR.10	72275.522	-20.000	713.063	713.063
A	GDR. 1	72277.312	40.354	712.639	712.660
	GDR. 2	72277.937	35.944	712.737	712.758
	GDR. 3	72278.562	31.333	712.834	712.860
	GDR. 4	72279.556	24.000	712.989	713.020
	GDR. 5	72280.550	16.667	713.143	713.174
	GDR. 6	72281.545	9.333	713.284	713.315
	GDR. 7	72282.539	2.000	713.401	713.432
	P.G.	72282.819	0.001	713.538	713.539
	GDR. 8	72283.533	-9.333	713.351	713.382
	GDR. 9	72284.527	-12.667	713.235	713.266
	GDR.10	72285.522	-20.000	713.085	713.111
B	GDR. 1	72287.285	40.753	712.657	712.693
	GDR. 2	72287.923	36.443	712.756	712.794
	GDR. 3	72288.562	31.332	712.858	712.901
	GDR. 4	72289.556	24.000	713.009	713.044
	GDR. 5	72290.550	16.667	713.164	713.219
	GDR. 6	72291.545	9.333	713.304	713.359
	GDR. 7	72292.539	2.000	713.421	713.476
	P.G.	72292.810	0.001	713.578	713.633
	GDR. 8	72293.533	-9.333	713.370	713.425
	GDR. 9	72294.527	-12.667	713.254	713.309
	GDR.10	72295.522	-20.000	713.103	713.150

LINE	BEAM OR GIRDER	STATION	OFFSET	THEORETICAL GRADE ELEVATION	ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
C	GDR. 1	72297.258	40.953	712.670	712.717
	GDR. 2	72297.910	36.143	712.771	712.817
	GDR. 3	72298.562	31.333	712.872	712.929
	GDR. 4	72299.556	24.000	713.026	713.094
	GDR. 5	72300.550	16.667	713.180	713.245
	GDR. 6	72301.545	9.333	713.326	713.388
	GDR. 7	72302.539	2.000	713.436	713.504
	P.G.	72302.810	0.001	713.593	713.661
	GDR. 8	72303.533	-9.333	713.386	713.455
	GDR. 9	72304.527	-12.667	713.269	713.337
	GDR.10	72305.522	-20.000	713.117	713.174
D	GDR. 1	72307.231	41.153	712.680	712.727
	GDR. 2	72307.896	36.243	712.782	712.829
	GDR. 3	72308.562	31.333	712.885	712.942
	GDR. 4	72309.556	24.000	713.039	713.107
	GDR. 5	72310.550	16.667	713.193	713.261
	GDR. 6	72311.545	9.333	713.332	713.401
	GDR. 7	72312.539	2.000	713.448	713.516
	P.G.	72312.810	0.001	713.605	713.673
	GDR. 8	72313.533	-9.333	713.397	713.465
	GDR. 9	72314.527	-12.667	713.280	713.348
	GDR.10	72315.522	-20.000	713.128	713.186
E	GDR. 1	72317.204	41.352	712.685	712.726
	GDR. 2	72317.883	36.343	712.790	712.828
	GDR. 3	72318.562	31.333	712.895	712.942
	GDR. 4	72319.556	24.000	713.048	713.104
	GDR. 5	72320.550	16.667	713.201	713.258
	GDR. 6	72321.545	9.333	713.341	713.397
	GDR. 7	72322.539	2.000	713.456	713.512
	P.G.	72322.810	0.001	713.613	713.669
	GDR. 8	72323.533	-9.333	713.404	713.461
	GDR. 9	72324.527	-12.667	713.287	713.343
	GDR.10	72325.522	-20.000	713.135	713.183
F	GDR. 1	72327.177	41.552	712.687	712.712
	GDR. 2	72327.869	36.443	712.794	712.818
	GDR. 3	72328.562	31.333	712.900	712.930
	GDR. 4	72329.556	24.000	713.053	713.079
	GDR. 5	72330.550	16.667	713.206	713.242
	GDR. 6	72331.545	9.333	713.345	713.381
	GDR. 7	72332.539	2.000	713.460	713.496
	P.G.	72332.810	0.001	713.617	713.653
	GDR. 8	72333.533	-9.333	713.408	713.444
	GDR. 9	72334.527	-12.667	713.290	713.326
	GDR.10	72335.522	-20.000	713.138	713.168

(P.G. Elev. applies at top of Class I Surfacing)

DESIGNED	D.V.K.
CHECKED	G.E.P.
DRAWN	J.T.
CHECKED	G.E.P. 3/75

WESTBOUND LANES
TOP OF CONCRETE SLAB ELEVATIONS
F.A.I. 72 OVER ILL. RTE. 121
& ILL. CENT. GULF RR.
MACON COUNTY
SEC. 58-63HVB
STA. 724+45.63