

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6713	05-00148-00-PV	TAZEWELL	74	46
STA. 154+17.98		STRUCTURE NO. 090-0027		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

GIRDER G4 *

LOCATION	STATION	OFFSET (LEFT)	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	153+57.280	10.167	462.620	462.620
CTR. W. BRG.	153+60.263	10.167	462.647	462.647
A	153+70.263	10.167	462.730	462.844
B	153+80.263	10.167	462.798	463.010
C	153+90.263	10.167	462.849	463.138
D	154+00.263	10.167	462.885	463.225
E	154+10.263	10.167	462.905	463.266
F	154+20.263	10.167	462.910	463.261
G	154+30.263	10.167	462.899	463.210
H	154+40.263	10.167	462.872	463.115
I	154+50.263	10.167	462.829	462.982
CTR. E. BRG.	154+63.964	10.167	462.746	462.746
BK. E. ABUT.	154+66.947	10.167	462.724	462.724

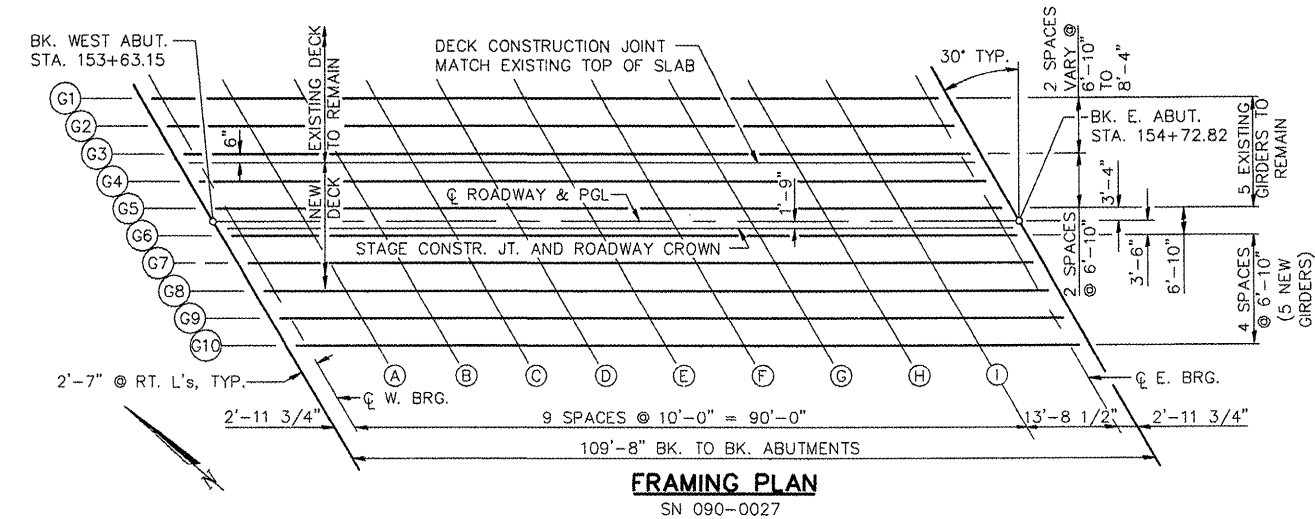
GIRDER G5 *

LOCATION	STATION	OFFSET (LEFT)	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	153+61.226	3.333	462.763	462.763
CTR. W. BRG.	153+64.208	3.333	462.789	462.789
A	153+74.208	3.333	462.866	462.979
B	153+84.208	3.333	462.927	463.139
C	153+94.208	3.333	462.972	463.261
D	154+04.208	3.333	463.002	463.341
E	154+14.208	3.333	463.016	463.377
F	154+24.208	3.333	463.014	463.365
G	154+34.208	3.333	462.997	463.308
H	154+44.208	3.333	462.964	463.207
I	154+54.208	3.333	462.915	463.067
CTR. E. BRG.	154+67.909	3.333	462.823	462.823
BK. E. ABUT.	154+70.892	3.333	462.799	462.799

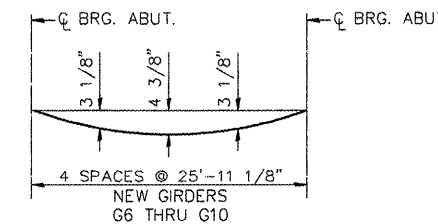
STAGE CONSTRUCTION JOINT AND CROWN OF ROADWAY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	153+63.150	0	462.832	462.832
CTR. W. BRG.	153+66.133	0	462.857	462.857
A	153+76.133	0	462.931	463.044
B	153+86.133	0	462.989	463.201
C	153+96.133	0	463.031	463.320
D	154+06.133	0	463.058	463.397
E	154+16.133	0	463.069	463.430
F	154+26.133	0	463.064	463.415
G	154+36.133	0	463.044	463.355
H	154+46.133	0	463.008	463.251
I	154+56.133	0	462.956	463.108
CTR. E. BRG.	154+69.834	0	462.860	462.860
BK. E. ABUT.	154+72.817	0	462.835	462.835

LOCATION	STATION	OFFSET (RIGHT)	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	153+64.160	1.750	462.868	462.868
CTR. W. BRG.	153+67.143	1.750	462.892	462.892
A	153+77.143	1.750	462.965	463.078
B	153+87.143	1.750	463.021	463.233
C	153+97.143	1.750	463.062	463.351
D	154+07.143	1.750	463.087	463.426
E	154+17.143	1.750	463.096	463.457
F	154+27.143	1.750	463.090	463.441
G	154+37.143	1.750	463.068	463.379
H	154+47.143	1.750	463.031	463.274
I	154+57.143	1.750	462.977	463.130
CTR. E. BRG.	154+70.844	1.750	462.879	462.879
BK. E. ABUT.	154+73.827	1.750	462.854	462.854

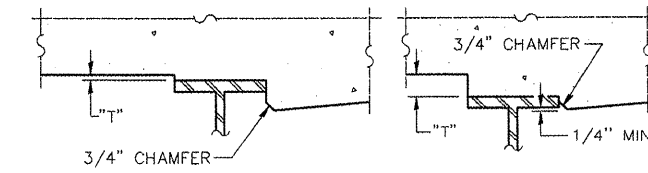


FRAMING PLAN
SN 090-0027



*** 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 ON DECK ELEVATION SHEETS.



FILLET HEIGHTS
AT MINIMUM FILLET AT MAXIMUM FILLET
TO DETERMINE "T": AFTER ALL STRUCTURAL STEEL HAS BEEN ERRECTED, ELEVATIONS OF THE TOP FLANGES OF THE BEAMS SHALL BE TAKEN AT INTERVALS SHOWN ON DECK ELEVATION SHEETS. THESE ELEVATIONS SUBTRACTED FROM THE "THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION" SHOWN ON THIS SHEET, MINUS SLAB THICKNESS, EQUALS THE FILLET HEIGHTS "T" ABOVE TOP FLANGE OF BEAMS.

* FOR EXISTING GIRDERS G4 AND G5, THE "THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION" ARE BASED ON CALCULATED DEFLECTIONS FOR NEW BEAMS DURING ORIGINAL DECK PLACEMENT. THE CONTRACTOR SHALL MEASURE ELEVATIONS OF THE BOTTOM OF GIRDERS G4 AND G5 AT QUARTER POINTS OF SPAN BEFORE AND AFTER REMOVAL OF EXISTING DECK AND COMPARE THE RESULTING REBOUND TO THE CALCULATED DEAD LOAD DEFLECTION DIAGRAM. WHEN DIRECTED BY THE ENGINEER, APPROPRIATE ADJUSTMENTS TO THE "THEORETICAL GRADE ELEVATIONS" SHALL BE MADE TO COMPENSATE FOR THE MEASURED REBOUND. THE COST OF THIS WORK SHALL BE INCLUDED IN "CONCRETE SUPERSTRUCTURE".

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CAMP ST. OVER FARM CREEK DIVERSION CHANNEL DECK ELEVATIONS

SCALE: N.T.S. DRAWN BY: MGM
DATE: 12/22/2008 CHECKED BY: P.JL