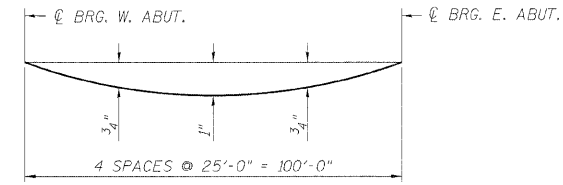


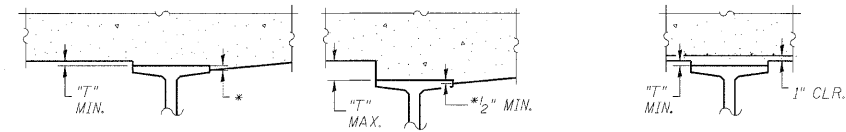
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO. 2
F.A.P. 17	101BR-4	OGLE	60	19	SHEETS 19
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT	Contract # 64D11		



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.



* VARIABLE (NOT LESS THAN 1/2")
AT MINIMUM FILLET AT MAXIMUM FILLET

EXTERIOR BEAMS

INTERIOR BEAMS

METHOD OF DETERMINING FILLET HEIGHTS "T"

AFTER ALL BEAMS HAVE BEEN ERECTED, ELEVATIONS OF THE TOP FLANGES OF THE BEAMS SHALL BE TAKEN AT THE INTERVALS SHOWN ON THE PLANS. THESE ELEVATIONS SUBTRACTED FROM THE "THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION" SHOWN ON THE PLANS, MINUS SLAB THICKNESS EQUALS THE FILLET HEIGHTS "T" ABOVE TOP FLANGE OF BEAMS.

BEAM 1

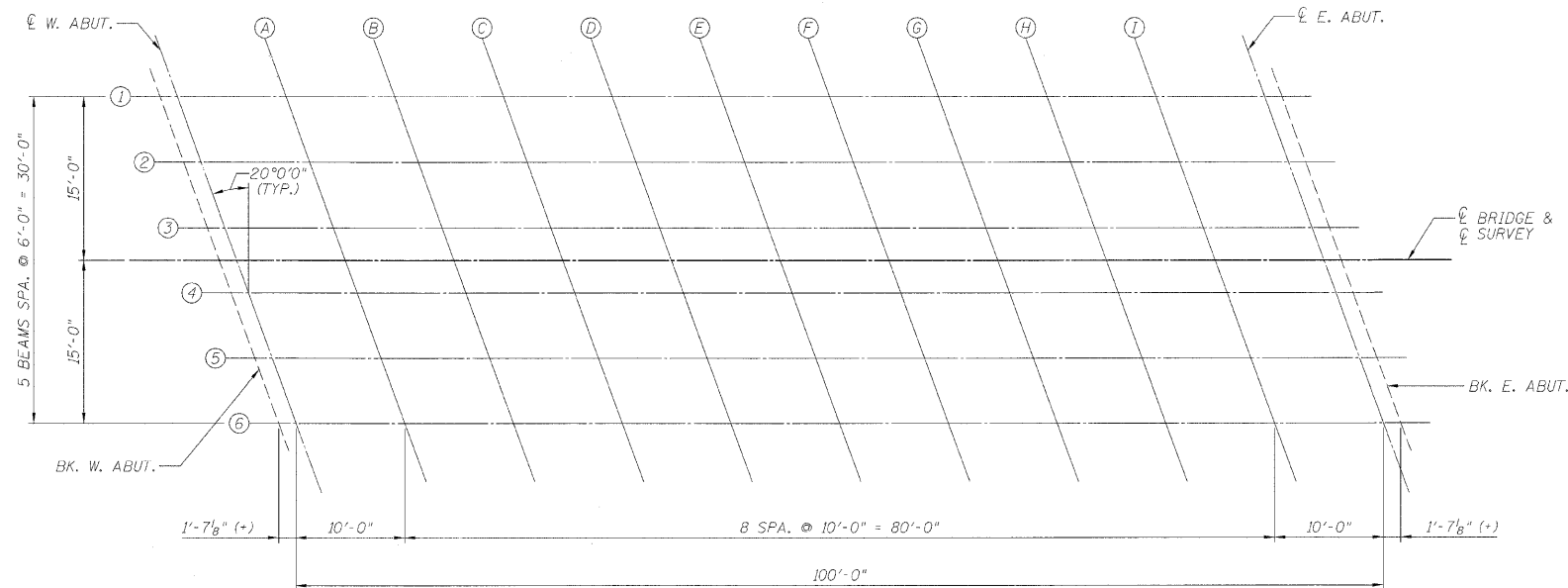
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	124+33.94	-15.00	790.42	790.42
☉ BRG. W. ABUT.	124+35.54	-15.00	790.45	790.45
A	124+45.54	-15.00	790.66	790.68
B	124+55.54	-15.00	790.87	790.91
C	124+65.54	-15.00	791.08	791.15
D	124+75.54	-15.00	791.30	791.38
E	124+85.54	-15.00	791.53	791.61
F	124+95.54	-15.00	791.77	791.84
G	125+05.54	-15.00	792.01	792.07
H	125+15.54	-15.00	792.26	792.31
I	125+25.54	-15.00	792.52	792.55
☉ BRG. E. ABUT.	125+35.54	-15.00	792.79	792.79
BK. E. ABUT.	125+37.14	-15.00	792.83	792.83

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	124+36.13	-9.00	790.58	790.58
☉ BRG. W. ABUT.	124+37.72	-9.00	790.61	790.61
A	124+47.72	-9.00	790.81	790.84
B	124+57.72	-9.00	791.02	791.08
C	124+67.72	-9.00	791.24	791.31
D	124+77.72	-9.00	791.46	791.54
E	124+87.72	-9.00	791.69	791.78
F	124+97.72	-9.00	791.93	792.01
G	125+07.72	-9.00	792.17	792.24
H	125+17.72	-9.00	792.43	792.48
I	125+27.72	-9.00	792.69	792.72
☉ BRG. E. ABUT.	125+37.72	-9.00	792.95	792.95
BK. E. ABUT.	125+39.32	-9.00	793.00	793.00

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	124+38.31	-3.00	790.71	790.71
☉ BRG. W. ABUT.	124+39.91	-3.00	790.75	790.75
A	124+49.91	-3.00	790.95	790.98
B	124+59.91	-3.00	791.16	791.22
C	124+69.91	-3.00	791.38	791.45
D	124+79.91	-3.00	791.60	791.68
E	124+89.91	-3.00	791.84	791.92
F	124+99.91	-3.00	792.07	792.16
G	125+09.91	-3.00	792.32	792.39
H	125+19.91	-3.00	792.58	792.63
I	125+29.91	-3.00	792.84	792.87
☉ BRG. E. ABUT.	125+39.91	-3.00	793.11	793.11
BK. E. ABUT.	125+41.50	-3.00	793.15	793.15



PLAN

DESIGNED	WSP
CHECKED	ASP
DRAWN	BEM
CHECKED	ASP

TOP OF SLAB ELEVATIONS
IL 64 OVER FIVE MILE CREEK
F.A.P. RT. 17 SECTION 101BR-4
OGLE COUNTY
STATION 124+91.00
STRUCTURE NO. 071-0095