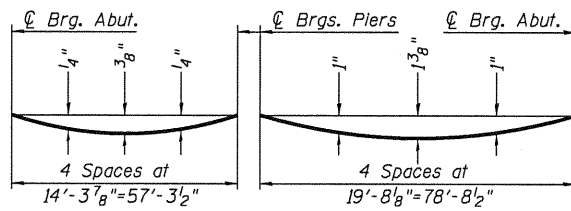
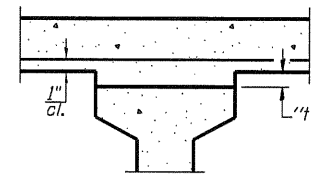


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

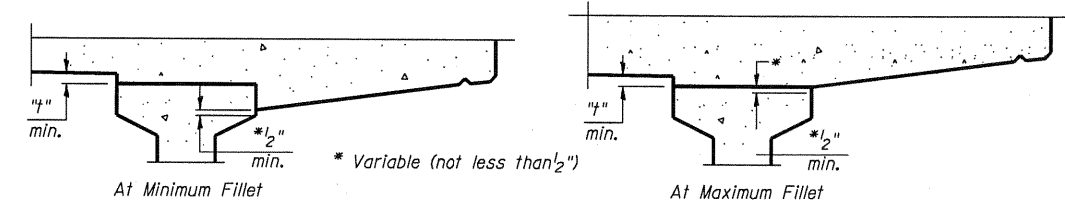


DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

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 6.



INTERIOR BEAMS



EXTERIOR BEAMS

To determine "t": 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" shown below and on Sheet 6, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

BEAM 1

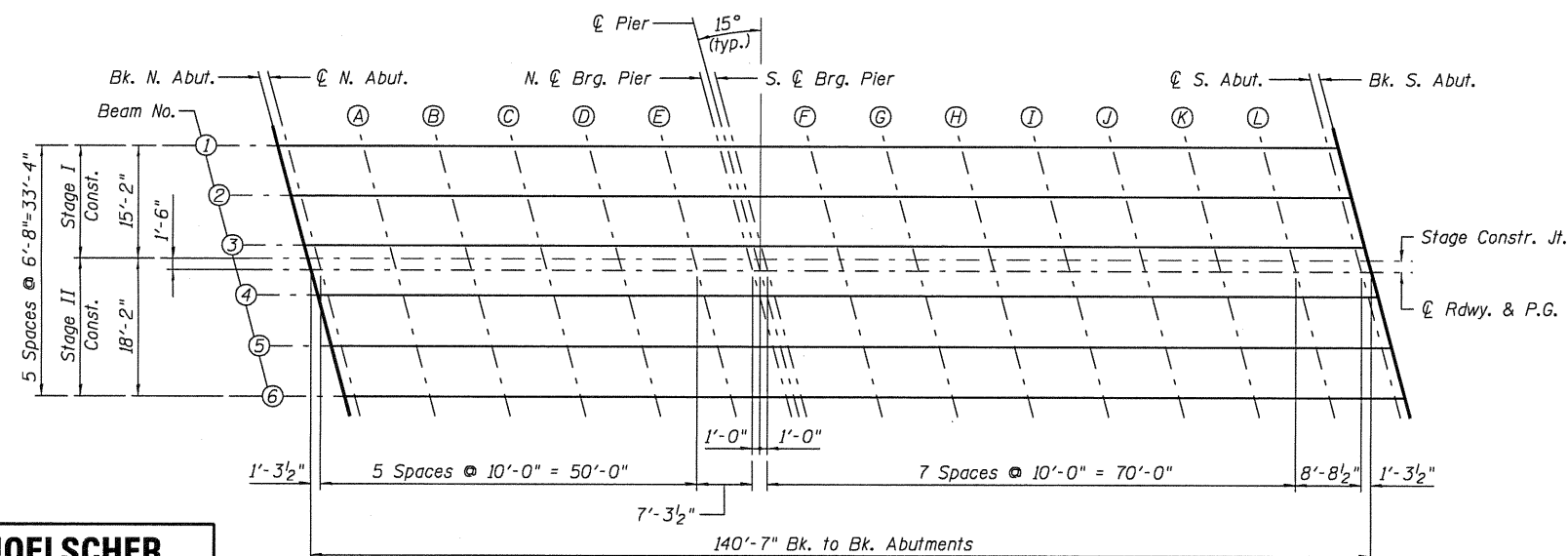
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+63.69	-16.67	488.15	488.15
C Brg. N. Abut.	130+64.98	-16.67	488.16	488.16
A	130+74.98	-16.67	488.26	488.27
B	130+84.98	-16.67	488.36	488.39
C	130+94.98	-16.67	488.46	488.49
D	131+04.98	-16.67	488.56	488.58
E	131+14.98	-16.67	488.66	488.67
C Brg. Pier. Sp. 1	131+22.27	-16.67	488.73	488.73
C Pier	131+23.27	-16.67	488.74	488.74
C Brg. Pier Sp. 2	131+24.27	-16.67	488.75	488.75
F	131+34.27	-16.67	488.85	488.89
G	131+44.27	-16.67	488.95	489.03
H	131+54.27	-16.67	489.05	489.15
I	131+64.27	-16.67	489.15	489.26
J	131+74.27	-16.67	489.25	489.35
K	131+84.27	-16.67	489.35	489.42
L	131+94.27	-16.67	489.45	489.49
C Brg. S. Abut.	132+02.98	-16.67	489.54	489.54
Bk. S. Abut.	132+04.27	-16.67	489.55	489.55

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+65.48	-10.00	488.29	488.29
C Brg. N. Abut.	130+66.77	-10.00	488.31	488.31
A	130+76.77	-10.00	488.41	488.42
B	130+86.77	-10.00	488.51	488.53
C	130+96.77	-10.00	488.61	488.64
D	131+06.77	-10.00	488.71	488.73
E	131+16.77	-10.00	488.81	488.82
C Brg. Pier. Sp. 1	131+24.06	-10.00	488.88	488.88
C Pier	131+25.06	-10.00	488.89	488.89
C Brg. Pier Sp. 2	131+26.06	-10.00	488.90	488.90
F	131+36.06	-10.00	489.00	489.04
G	131+46.06	-10.00	489.10	489.18
H	131+56.06	-10.00	489.20	489.30
I	131+66.06	-10.00	489.30	489.41
J	131+76.06	-10.00	489.40	489.50
K	131+86.06	-10.00	489.50	489.58
L	131+96.06	-10.00	489.60	489.64
C Brg. S. Abut.	132+04.77	-10.00	489.69	489.69
Bk. S. Abut.	132+06.06	-10.00	489.70	489.70

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+67.27	-3.33	488.42	488.42
C Brg. N. Abut.	130+68.56	-3.33	488.43	488.43
A	130+78.56	-3.33	488.53	488.54
B	130+88.56	-3.33	488.63	488.66
C	130+98.56	-3.33	488.73	488.76
D	131+08.56	-3.33	488.83	488.85
E	131+18.56	-3.33	488.93	488.94
C Brg. Pier. Sp. 1	131+25.85	-3.33	489.00	489.00
C Pier	131+26.85	-3.33	489.01	489.01
C Brg. Pier Sp. 2	131+27.85	-3.33	489.02	489.02
F	131+37.85	-3.33	489.12	489.16
G	131+47.85	-3.33	489.22	489.30
H	131+57.85	-3.33	489.32	489.43
I	131+67.85	-3.33	489.42	489.54
J	131+77.85	-3.33	489.52	489.63
K	131+87.85	-3.33	489.62	489.70
L	131+97.85	-3.33	489.72	489.76
C Brg. S. Abut.	132+06.56	-3.33	489.81	489.81
Bk. S. Abut.	132+07.85	-3.33	489.82	489.82



PLAN

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 086-0505**

DESIGNED	C.M.W.
CHECKED	J.S.A.
DRAWN	T.J.W.
CHECKED	C.M.W.

HOELSCHER ENGINEERING
Fairview Heights, IL
Springfield, IL
Champaign, IL

SHEET NO. 5 of 26 SHEETS	F.A.P. RTE. 566	SECTION 1(B-2)	COUNTY SCOTT	TOTAL SHEETS 77	SHEET NO. 32
	CONTRACT NO. 72B91				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		