

P.G.L. & CL STAGE CONSTRUCTION JOINT

BEAMS 1 & 12

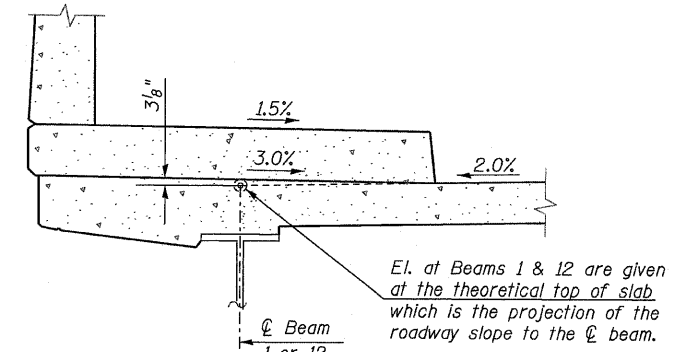
BEAMS 2 & 11

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	465 VB-R-1	COOK	103	45
STA. 173+50 TO STA. 195+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 7		SHEET NO. S12 of S60		

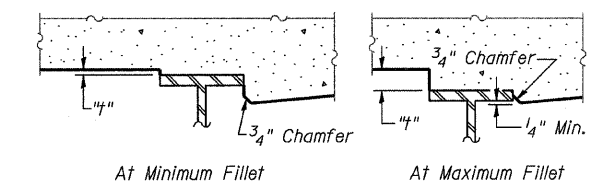
Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	0.00	678.56	678.56
☉ Brg. Pier 9-N	185+24.47	0.00	678.53	678.53
P3	185+34.47	0.00	678.34	678.37
R3	185+44.47	0.00	678.13	678.20
S3	185+54.47	0.00	677.92	677.99
T3	185+64.47	0.00	677.69	677.76
U3	185+74.47	0.00	677.45	677.50
V3	185+84.47	0.00	677.21	677.23
W3	185+94.47	0.00	676.95	676.95
☉ Pier 10	186+00.84	0.00	676.78	676.78
X3	186+10.84	0.00	676.50	676.52
Y3	186+20.84	0.00	676.22	676.26
Z3	186+30.84	0.00	675.92	675.99
A4	186+40.84	0.00	675.62	675.70
B4	186+50.84	0.00	675.30	675.39
C4	186+60.84	0.00	674.98	675.05
D4	186+70.84	0.00	674.64	674.69
E4	186+80.84	0.00	674.29	674.32
F4	186+90.84	0.00	673.94	673.94
☉ Pier 11	186+95.84	0.00	673.75	673.75
G4	187+05.84	0.00	673.38	673.39
H4	187+15.84	0.00	673.00	673.03
J4	187+25.84	0.00	672.60	672.66
K4	187+35.84	0.00	672.21	672.28
L4	187+45.84	0.00	671.81	671.88
M4	187+55.84	0.00	671.41	671.47
N4	187+65.84	0.00	671.01	671.05
P4	187+75.84	0.00	670.62	670.63
R4	187+85.84	0.00	670.22	670.22
☉ Pier 12	187+90.84	0.00	670.02	670.02
S4	188+00.84	0.00	669.62	669.64
T4	188+10.84	0.00	669.22	669.27
U4	188+20.84	0.00	668.83	668.91
V4	188+30.84	0.00	668.43	668.53
W4	188+40.84	0.00	668.03	668.14
X4	188+50.84	0.00	667.63	667.74
Y4	188+60.84	0.00	667.24	667.31
Z4	188+70.84	0.00	666.84	666.88
A5	188+80.84	0.00	666.44	666.45
☉ Pier 13	188+85.84	0.00	666.24	666.24
B5	188+95.84	0.00	665.84	665.84
C5	189+05.84	0.00	665.45	665.44
D5	189+15.84	0.00	665.05	665.05
E5	189+25.84	0.00	664.65	664.65
☉ Brg. N. Abut.	189+34.59	0.00	664.30	664.30
Bk. N. Abut.	189+37.59	0.00	664.18	664.18

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	46.75	677.62	677.62
☉ Brg. Pier 9-N	185+24.47	46.75	677.60	677.60
P3	185+34.47	46.75	677.40	677.45
R3	185+44.47	46.75	677.20	677.28
S3	185+54.47	46.75	676.98	677.07
T3	185+64.47	46.75	676.75	676.84
U3	185+74.47	46.75	676.52	676.58
V3	185+84.47	46.75	676.27	676.30
W3	185+94.47	46.75	676.01	676.02
☉ Pier 10	186+00.84	46.75	675.84	675.84
X3	186+10.84	46.75	675.57	675.58
Y3	186+20.84	46.75	675.28	675.33
Z3	186+30.84	46.75	674.99	675.07
A4	186+40.84	46.75	674.68	674.79
B4	186+50.84	46.75	674.37	674.47
C4	186+60.84	46.75	674.04	674.13
D4	186+70.84	46.75	673.70	673.77
E4	186+80.84	46.75	673.36	673.39
F4	186+90.84	46.75	673.00	673.01
☉ Pier 11	186+95.84	46.75	672.82	672.82
G4	187+05.84	46.75	672.45	672.46
H4	187+15.84	46.75	672.06	672.10
J4	187+25.84	46.75	671.67	671.74
K4	187+35.84	46.75	671.27	671.36
L4	187+45.84	46.75	670.87	670.97
M4	187+55.84	46.75	670.48	670.55
N4	187+65.84	46.75	670.08	670.13
P4	187+75.84	46.75	669.68	669.70
R4	187+85.84	46.75	669.28	669.28
☉ Pier 12	187+90.84	46.75	669.08	669.08
S4	188+00.84	46.75	668.69	668.71
T4	188+10.84	46.75	668.29	668.35
U4	188+20.84	46.75	667.89	667.99
V4	188+30.84	46.75	667.49	667.63
W4	188+40.84	46.75	667.10	667.24
X4	188+50.84	46.75	666.70	666.83
Y4	188+60.84	46.75	666.30	666.40
Z4	188+70.84	46.75	665.90	665.96
A5	188+80.84	46.75	665.51	665.52
☉ Pier 13	188+85.84	46.75	665.31	665.31
B5	188+95.84	46.75	664.91	664.90
C5	189+05.84	46.75	664.51	664.50
D5	189+15.84	46.75	664.11	664.11
E5	189+25.84	46.75	663.72	663.72
☉ Brg. N. Abut.	189+34.59	46.75	663.37	663.37
Bk. N. Abut.	189+37.59	46.75	663.25	663.25

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	38.25	677.79	677.79
☉ Brg. Pier 9-N	185+24.47	38.25	677.77	677.77
P3	185+34.47	38.25	677.57	677.61
R3	185+44.47	38.25	677.37	677.43
S3	185+54.47	38.25	677.15	677.23
T3	185+64.47	38.25	676.92	676.99
U3	185+74.47	38.25	676.69	676.74
V3	185+84.47	38.25	676.44	676.46
W3	185+94.47	38.25	676.18	676.19
☉ Pier 10	186+00.84	38.25	676.01	676.01
X3	186+10.84	38.25	675.74	675.75
Y3	186+20.84	38.25	675.45	675.49
Z3	186+30.84	38.25	675.16	675.22
A4	186+40.84	38.25	674.85	674.93
B4	186+50.84	38.25	674.54	674.62
C4	186+60.84	38.25	674.21	674.28
D4	186+70.84	38.25	673.87	673.93
E4	186+80.84	38.25	673.53	673.55
F4	186+90.84	38.25	673.17	673.17
☉ Pier 11	186+95.84	38.25	672.99	672.99
G4	187+05.84	38.25	672.62	672.62
H4	187+15.84	38.25	672.23	672.26
J4	187+25.84	38.25	671.84	671.89
K4	187+35.84	38.25	671.44	671.51
L4	187+45.84	38.25	671.04	671.12
M4	187+55.84	38.25	670.65	670.71
N4	187+65.84	38.25	670.25	670.29
P4	187+75.84	38.25	669.85	669.87
R4	187+85.84	38.25	669.45	669.45
☉ Pier 12	187+90.84	38.25	669.25	669.25
S4	188+00.84	38.25	668.86	668.87
T4	188+10.84	38.25	668.46	668.51
U4	188+20.84	38.25	668.06	668.14
V4	188+30.84	38.25	667.66	667.77
W4	188+40.84	38.25	667.27	667.38
X4	188+50.84	38.25	666.87	666.97
Y4	188+60.84	38.25	666.47	666.55
Z4	188+70.84	38.25	666.07	666.12
A5	188+80.84	38.25	665.68	665.69
☉ Pier 13	188+85.84	38.25	665.48	665.48
B5	188+95.84	38.25	665.08	665.07
C5	189+05.84	38.25	664.68	664.67
D5	189+15.84	38.25	664.28	664.28
E5	189+25.84	38.25	663.89	663.89
☉ Brg. N. Abut.	189+34.59	38.25	663.54	663.54
Bk. N. Abut.	189+37.59	38.25	663.42	663.42



PROJECTION UNDER SIDEWALK DETAIL



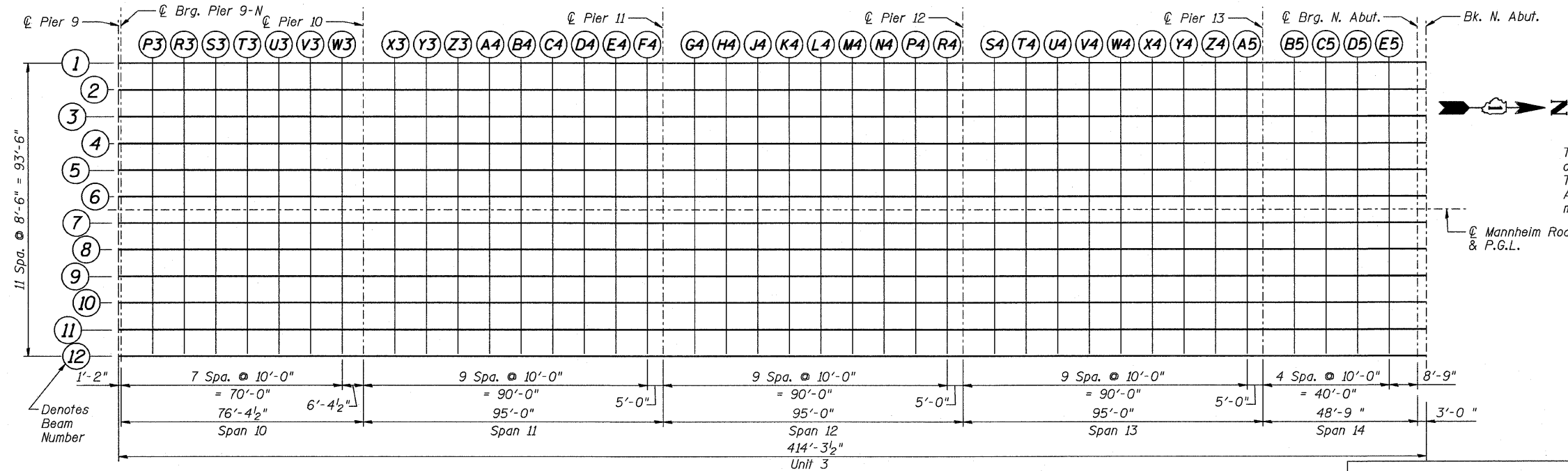
FILLET HEIGHTS

To determine "h": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown left. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown here and on Sheet S13, minus slab thickness, equals the fillet heights "h" above top flange of beams.

Notes:

1. Work this sheet with Sheet S13.
2. See Sheet S14 for top of slab elevations at north approach.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TOP OF SLAB ELEVATIONS III FAP 330 US 12/45 (MANNHEIM RD.) OVER 500 LINE RR & FRANKLIN AVE. STRUCTURE NO. 016-2815 SECTION 465 VB-R-1 STA. 183+33.30 DATE 7/2009	COOK COUNTY DRAWN BY JHR CHECKED BY DEV
NAME	DATE		



PLAN (UNIT 3)

EARTH TECH | AECOM