

P.G.L. & CL STAGE CONSTRUCTION JOINT

BEAMS 1 & 12

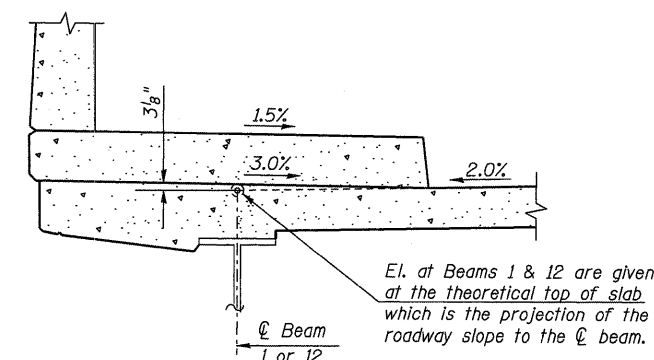
BEAMS 2 & 11

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	465 (HB&VB) F	COOK	31	13
STA. 173+50 TO STA. 195+00		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		
Contract # 60121				SHEET NO. S12 of S30

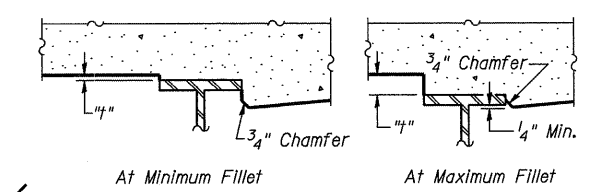
Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	0.00	678.56	678.56
☉ Brg. Pier 9-N	185+24.47	0.00	678.53	678.53
P3	185+34.47	0.00	678.34	678.37
R3	185+44.47	0.00	678.13	678.20
S3	185+54.47	0.00	677.92	677.99
T3	185+64.47	0.00	677.69	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	667.07	667.24
X4	188+50.84	46.75	666.67	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

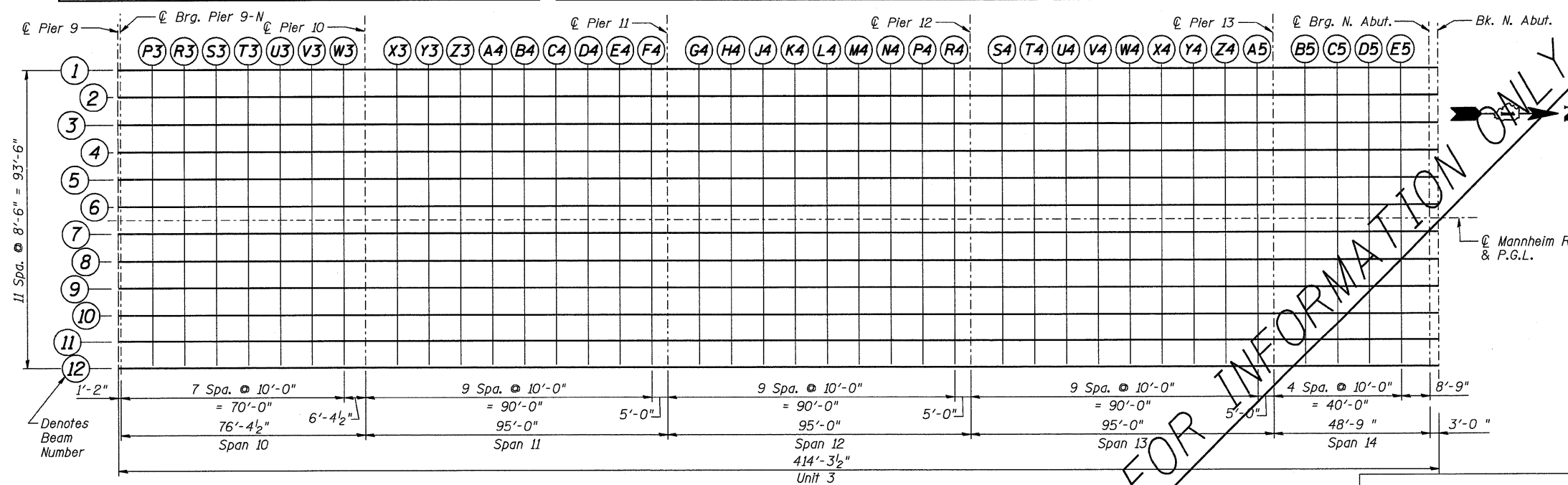


PROJECTION UNDER SIDEWALK DETAIL



FILLET HEIGHTS

To determine "f": 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 "f" above top flange of beams.



PLAN (UNIT 3)

EARTH TECH | AECOM

REVISIONS	
NAME	DATE

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
TOP OF SLAB ELEVATIONS III
 FAP 330 US 12/45 (MANNHEIM RD.) OVER
 SOO LINE RR & FRANKLIN AVE.
 STRUCTURE NO. 016-2815
 SECTION 465 (HB & VB) F COOK COUNTY
 STA. 183+33.30 DRAWN BY JHR
 DATE 6/2009 CHECKED BY DEV