

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FALL WTE. 2585	**	COOK	30	15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
		** 05-00068-02-BR		

SHEET NO. S-6
OF
S-21 SHEETS

CONTRACT NO 03000

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. S. ABUT.	28394.289	-18.250	760.167	760.167
CLBRG. S. ABUT.				
A	28397.872	-18.250	760.183	760.183
B	28407.872	-18.250	760.224	760.229
C	28417.872	-18.250	760.261	760.269
	28427.872	-18.250	760.294	760.300
CL. PIER 1				
D	28440.039	-18.250	760.329	760.329
E	28450.039	-18.250	760.354	760.371
F	28460.039	-18.250	760.374	760.404
G	28470.039	-18.250	760.390	760.427
H	28480.039	-18.250	760.402	760.437
I	28490.039	-18.250	760.410	760.436
	28500.039	-18.250	760.414	760.424
CL. PIER 2				
J	28505.872	-18.250	760.415	760.415
K	28515.872	-18.250	760.412	760.430
L	28525.872	-18.250	760.406	760.437
M	28535.872	-18.250	760.395	760.433
N	28545.872	-18.250	760.381	760.416
O	28555.872	-18.250	760.363	760.388
	28565.872	-18.250	760.340	760.350
CL. PIER 3				
P	28571.705	-18.250	760.325	760.325
Q	28581.705	-18.250	760.296	760.301
R	28591.705	-18.250	760.263	760.271
	28601.705	-18.250	760.226	760.232
CLBRG. N. ABUT.	28613.872	-18.250	760.176	760.176
BK. N. ABUT.	28617.455	-18.250	760.160	760.160

BEAM 5

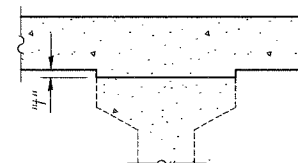
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. S. ABUT.	28393.594	-10.750	760.277	760.277
CLBRG. S. ABUT.				
A	28397.177	-10.750	760.293	760.293
B	28407.177	-10.750	760.334	760.339
C	28417.177	-10.750	760.371	760.379
	28427.177	-10.750	760.405	760.410
CL. PIER 1				
D	28439.344	-10.750	760.440	760.440
E	28449.344	-10.750	760.464	760.482
F	28459.344	-10.750	760.485	760.516
G	28469.344	-10.750	760.501	760.538
H	28479.344	-10.750	760.514	760.549
I	28489.344	-10.750	760.522	760.548
	28499.344	-10.750	760.526	760.537
CL. PIER 2				
J	28505.177	-10.750	760.527	760.527
K	28515.177	-10.750	760.525	760.542
L	28525.177	-10.750	760.519	760.550
M	28535.177	-10.750	760.509	760.546
N	28545.177	-10.750	760.495	760.530
O	28555.177	-10.750	760.476	760.502
	28565.177	-10.750	760.454	760.465
CL. PIER 3				
P	28571.010	-10.750	760.439	760.439
Q	28581.010	-10.750	760.411	760.416
R	28591.010	-10.750	760.378	760.386
	28601.010	-10.750	760.342	760.347
CLBRG. N. ABUT.	28613.177	-10.750	760.292	760.292
BK. N. ABUT.	28616.760	-10.750	760.276	760.276

SB PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. S. ABUT.	28393.192	-6.417	760.340	760.340
CLBRG. S. ABUT.				
A	28396.775	-6.417	760.356	760.356
B	28406.775	-6.417	760.397	760.402
C	28416.775	-6.417	760.435	760.442
	28426.775	-6.417	760.469	760.474
CL. PIER 1				
D	28438.942	-6.417	760.504	760.504
E	28448.942	-6.417	760.529	760.546
F	28458.942	-6.417	760.549	760.580
G	28468.942	-6.417	760.566	760.603
H	28478.942	-6.417	760.578	760.614
I	28488.942	-6.417	760.587	760.613
	28498.942	-6.417	760.591	760.602
CL. PIER 2				
J	28504.775	-6.417	760.592	760.592
K	28514.775	-6.417	760.590	760.608
L	28524.775	-6.417	760.584	760.615
M	28534.775	-6.417	760.574	760.611
N	28544.775	-6.417	760.560	760.596
O	28554.775	-6.417	760.542	760.568
	28564.775	-6.417	760.520	760.531
CL. PIER 3				
P	28570.608	-6.417	760.505	760.505
Q	28580.608	-6.417	760.477	760.482
R	28590.608	-6.417	760.445	760.452
	28600.608	-6.417	760.408	760.414
CLBRG. N. ABUT.	28612.775	-6.417	760.358	760.358
BK. N. ABUT.	28616.358	-6.417	760.342	760.342

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. S. ABUT.	28392.898	-3.250	760.381	760.381
CLBRG. S. ABUT.				
A	28396.481	-3.250	760.397	760.397
B	28406.481	-3.250	760.439	760.444
C	28416.481	-3.250	760.476	760.484
	28426.481	-3.250	760.510	760.516
CL. PIER 1				
D	28438.648	-3.250	760.546	760.546
E	28448.648	-3.250	760.570	760.588
F	28458.648	-3.250	760.591	760.622
G	28468.648	-3.250	760.608	760.645
H	28478.648	-3.250	760.620	760.656
I	28488.648	-3.250	760.629	760.655
	28498.648	-3.250	760.634	760.644
CL. PIER 2				
J	28504.481	-3.250	760.635	760.635
K	28514.481	-3.250	760.633	760.650
L	28524.481	-3.250	760.627	760.658
M	28534.481	-3.250	760.617	760.654
N	28544.481	-3.250	760.603	760.639
O	28554.481	-3.250	760.585	760.611
	28564.481	-3.250	760.563	760.574
CL. PIER 3				
P	28570.314	-3.250	760.549	760.549
Q	28580.314	-3.250	760.520	760.525
R	28590.314	-3.250	760.488	760.496
	28600.314	-3.250	760.452	760.457
CLBRG. N. ABUT.	28612.481	-3.250	760.402	760.402
BK. N. ABUT.	28616.064	-3.250	760.386	760.386

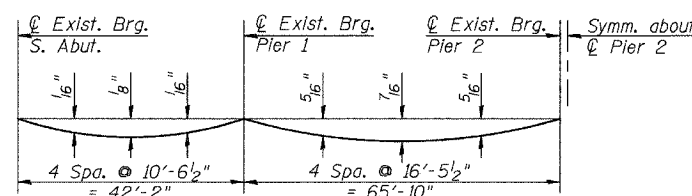


To determine "h": After the existing concrete deck slab has been removed, elevations of the top flanges of the beams shall be taken at intervals shown. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" minus slab thickness, equals the fillet heights "h" above top flanges of beams.

Note:

Work this sheet with Sheet No. S-5.

FILLET HEIGHTS



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 above.

DECK ELEVATIONS II
MEACHAM ROAD OVER NORTHWEST TOLLWAY
F.A.U. ROUTE 2585 SECTION 05-00068-02-BR
COOK COUNTY

STA. 285 + 04.18

STRUCTURE NO. 016-0676



DESIGNED: SCHELBIAN/AYARGICOLU
DRAWN: SCHELBIAN/AYARGICOLU
CHECKED: RALEE