

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2005-063 I	WILL	50	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GIRDER E.4

LINE	Q I-55 STATION	Q I-55 OFFSET (ft)	THEORETICAL GRADE ELEVATIONS (ft)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (ft)
Bk S Abut	586+91.90	22.63	629.73	629.73
CL Brg S Abut	586+93.98	22.63	629.74	629.74
A	587+03.98	22.63	629.80	629.80
B	587+13.98	22.63	629.85	629.86
C	587+23.98	22.63	629.90	629.90
CL Brg Pier 1	587+33.73	22.63	629.95	629.95
D	587+43.73	22.63	630.00	630.00
E	587+53.73	22.63	630.04	630.06
F	587+63.73	22.63	630.08	630.10
G	587+73.73	22.63	630.12	630.13
CL Brg Pier 2	587+87.40	22.63	630.17	630.17
H	587+97.40	22.63	630.21	630.21
I	588+07.40	22.63	630.24	630.26
J	588+17.40	22.63	630.27	630.29
K	588+27.40	22.63	630.30	630.31
CL Brg Pier 3	588+41.07	22.63	630.33	630.33
L	588+51.07	22.63	630.36	630.36
M	588+61.07	22.63	630.38	630.39
N	588+71.07	22.63	630.40	630.40
CL Brg N Abut	588+80.82	22.63	630.41	630.41
Bk N Abut	588+82.90	22.63	630.42	630.42

STAGE CONSTRUCTION JOINT

LINE	Q I-55 STATION	Q I-55 OFFSET (ft)	THEORETICAL GRADE ELEVATIONS (ft)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (ft)
Bk S Abut	586+92.91	26.08	629.79	629.79
CL Brg S Abut	586+94.99	26.08	629.80	629.80
A	587+04.99	26.08	629.86	629.86
B	587+14.99	26.08	629.91	629.92
C	587+24.99	26.08	629.96	629.96
CL Brg Pier 1	587+34.74	26.08	630.01	630.01
D	587+44.74	26.08	630.05	630.06
E	587+54.74	26.08	630.10	630.11
F	587+64.74	26.08	630.14	630.16
G	587+74.74	26.08	630.18	630.19
CL Brg Pier 2	587+88.41	26.08	630.23	630.23
H	587+98.41	26.08	630.27	630.27
I	588+08.41	26.08	630.30	630.31
J	588+18.41	26.08	630.33	630.35
K	588+28.41	26.08	630.36	630.37
CL Brg Pier 3	588+42.07	26.08	630.39	630.39
L	588+52.07	26.08	630.41	630.42
M	588+62.07	26.08	630.43	630.44
N	588+72.07	26.08	630.45	630.46
CL Brg N Abut	588+81.82	26.08	630.47	630.47
Bk N Abut	588+83.91	26.08	630.47	630.47

GIRDER E.5

LINE	Q I-55 STATION	Q I-55 OFFSET (ft)	THEORETICAL GRADE ELEVATIONS (ft)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (ft)
Bk S Abut	586+93.72	28.88	629.84	629.84
CL Brg S Abut	586+95.80	28.88	629.85	629.85
A	587+05.80	28.88	629.91	629.91
B	587+15.80	28.88	629.96	629.97
C	587+25.80	28.88	630.01	630.01
CL Brg Pier 1	587+35.55	28.88	630.06	630.06
D	587+45.55	28.88	630.10	630.11
E	587+55.55	28.88	630.15	630.16
F	587+65.55	28.88	630.19	630.20
G	587+75.55	28.88	630.23	630.24
CL Brg Pier 2	587+89.22	28.88	630.28	630.28
H	587+99.22	28.88	630.31	630.32
I	588+09.22	28.88	630.34	630.36
J	588+19.22	28.88	630.37	630.39
K	588+29.22	28.88	630.40	630.41
CL Brg Pier 3	588+42.88	28.88	630.44	630.44
L	588+52.88	28.88	630.46	630.46
M	588+62.88	28.88	630.48	630.49
N	588+72.88	28.88	630.50	630.50
CL Brg N Abut	588+82.63	28.88	630.51	630.51
Bk N Abut	588+84.72	28.88	630.52	630.52

GIRDER E.6

LINE	Q I-55 STATION	Q I-55 OFFSET (ft)	THEORETICAL GRADE ELEVATIONS (ft)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (ft)
Bk S Abut	586+95.54	35.13	629.85	629.85
CL Brg S Abut	586+97.62	35.13	629.86	629.86
A	587+07.62	35.13	629.91	629.92
B	587+17.62	35.13	629.97	629.98
C	587+27.62	35.13	630.02	630.02
CL Brg Pier 1	587+37.37	35.13	630.06	630.06
D	587+47.37	35.13	630.11	630.12
E	587+57.37	35.13	630.15	630.17
F	587+67.37	35.13	630.19	630.21
G	587+77.37	35.13	630.23	630.24
CL Brg Pier 2	587+91.04	35.13	630.28	630.28
H	588+01.04	35.13	630.32	630.32
I	588+11.04	35.13	630.35	630.36
J	588+21.04	35.13	630.38	630.40
K	588+31.04	35.13	630.41	630.42
CL Brg Pier 3	588+44.70	35.13	630.44	630.44
L	588+54.70	35.13	630.46	630.47
M	588+64.70	35.13	630.48	630.49
N	588+74.70	35.13	630.50	630.51
CL Brg N Abut	588+84.45	35.13	630.52	630.52
Bk N Abut	588+86.54	35.13	630.52	630.52

GIRDER E.7

LINE	Q I-55 STATION	Q I-55 OFFSET (ft)	THEORETICAL GRADE ELEVATIONS (ft)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (ft)
Bk S Abut	586+97.35	41.38	629.76	629.76
CL Brg S Abut	586+99.44	41.38	629.77	629.77
A	587+09.44	41.38	629.83	629.83
B	587+19.44	41.38	629.88	629.89
C	587+29.44	41.38	629.93	629.93
CL Brg Pier 1	587+39.19	41.38	629.97	629.97
D	587+49.19	41.38	630.02	630.03
E	587+59.19	41.38	630.06	630.08
F	587+69.19	41.38	630.10	630.12
G	587+79.19	41.38	630.14	630.15
CL Brg Pier 2	587+92.85	41.38	630.19	630.19
H	588+02.85	41.38	630.23	630.23
I	588+12.85	41.38	630.26	630.27
J	588+22.85	41.38	630.29	630.30
K	588+32.85	41.38	630.31	630.32
CL Brg Pier 3	588+46.52	41.38	630.35	630.35
L	588+56.52	41.38	630.37	630.37
M	588+66.52	41.38	630.39	630.40
N	588+76.52	41.38	630.41	630.41
CL Brg N Abut	588+86.27	41.38	630.42	630.42
Bk N Abut	588+88.35	41.38	630.42	630.42

GIRDER E.8

LINE	Q I-55 STATION	Q I-55 OFFSET (ft)	THEORETICAL GRADE ELEVATIONS (ft)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (ft)
Bk S Abut	586+99.17	47.63	629.65	629.65
CL Brg S Abut	587+01.25	47.63	629.67	629.67
A	587+11.25	47.63	629.72	629.73
B	587+21.25	47.63	629.77	629.78
C	587+31.25	47.63	629.82	629.82
CL Brg Pier 1	587+41.00	47.63	629.87	629.87
D	587+51.00	47.63	629.91	629.92
E	587+61.00	47.63	629.95	629.97
F	587+71.00	47.63	629.99	630.01
G	587+81.00	47.63	630.03	630.04
CL Brg Pier 2	587+94.67	47.63	630.08	630.08
H	588+04.67	47.63	630.12	630.12
I	588+14.67	47.63	630.15	630.16
J	588+24.67	47.63	630.17	630.19
K	588+34.67	47.63	630.20	630.21
CL Brg Pier 3	588+48.34	47.63	630.23	630.23
L	588+58.34	47.63	630.26	630.26
M	588+68.34	47.63	630.27	630.28
N	588+78.34	47.63	630.29	630.30
CL Brg N Abut	588+88.09	47.63	630.31	630.31
Bk N Abut	588+90.17	47.63	630.31	630.31

GIRDER E.9

LINE	Q I-55 STATION	Q I-55 OFFSET (ft)	THEORETICAL GRADE ELEVATIONS (ft)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (ft)
Bk S Abut	587+00.44	52.00	629.57	629.57
CL Brg S Abut	587+02.53	52.00	629.58	629.58
A	587+12.53	52.00	629.64	629.64
B	587+22.53	52.00	629.69	629.69
C	587+32.53	52.00	629.74	629.74
CL Brg Pier 1	587+42.28	52.00	629.78	629.78
D	587+52.28	52.00	629.83	629.83
E	587+62.28	52.00	629.87	629.88
F	587+72.28	52.00	629.91	629.92
G	587+82.28	52.00	629.95	629.96
CL Brg Pier 2	587+95.94	52.00	630.00	630.00
H	588+05.94	52.00	630.03	630.03
I	588+15.94	52.00	630.06	630.07
J	588+25.94	52.00	630.09	630.10
K	588+35.94	52.00	630.11	630.12
CL Brg Pier 3	588+49.61	52.00	630.15	630.15
L	588+59.61	52.00	630.17	630.17
M	588+69.61	52.00	630.19	630.19
N	588+79.61	52.00	630.20	630.21
CL Brg N Abut	588+89.36	52.00	630.22	630.22
Bk N Abut	588+91.44	52.00	630.22	630.22

THIS SHEET FOR INFORMATION ONLY

SHT. SC-11 OF 38

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO WEBER ROAD)
 BEAM AND BEARING FABRICATION
 SB & NB I-55 OVER US RTE. 30, S.N. 099-0016 & 099-0017
 STA. 587+80.82, SECTION 2005-063 I
 WILL COUNTY

TOP OF SLAB ELEVATIONS - III

SCALE: DRAWN BY PA
 DATE 05/19/06 CHECKED BY MJK

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

Note:
 1. Work this Sheet with Sht. SC-8.

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

PLOT DATE = 05/19/06
 FILE NAME = I:\FILES\...
 USER NAME = RUSERS
 S:\DOCUMENT\2005\063\STRUCT\CON\SPR21.DWG3.SHT
 ANNOTHPZ
 P-17-2006-100725