

FAP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	131B(1&2)BR	McHENRY	107	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60B83

**INSIDE FACE/NORTH PARAPET**

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
BACK OF WEST ABUT.	89+75.03	-20.27	875.83	875.83
CL BRG. WEST ABUT.	89+76.26	-20.24	875.84	875.84
A	89+86.16	-20.04	875.88	875.90
B	89+96.06	-19.88	875.92	875.96
C	90+05.95	-19.78	875.97	875.99
D	90+15.85	-19.73	876.02	876.02
CL BRG. PIER	90+20.80	-19.72	876.04	876.04
E	90+30.70	-19.75	876.09	876.10
F	90+40.60	-19.83	876.14	876.17
G	90+50.49	-19.96	876.20	876.23
H	90+60.39	-20.14	876.25	876.27
CL BRG. EAST ABUT.	90+65.34	-20.24	876.28	876.28
BACK OF EAST ABUT.	90+66.57	-20.27	876.29	876.29

**BEAM 1**

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
BACK OF WEST ABUT.	89+75.00	-19.27	875.80	875.80
CL BRG. WEST ABUT.	89+76.24	-19.25	875.80	875.80
A	89+86.14	-19.04	875.85	875.87
B	89+96.04	-18.88	875.89	875.92
C	90+05.94	-18.78	875.94	875.96
D	90+15.85	-18.73	875.98	875.99
CL BRG. PIER	90+20.80	-18.72	876.01	876.01
E	90+30.70	-18.75	876.06	876.07
F	90+40.61	-18.83	876.11	876.14
G	90+50.51	-18.96	876.16	876.19
H	90+60.41	-19.14	876.22	876.23
CL BRG. EAST ABUT.	90+65.36	-19.25	876.25	876.25
BACK OF EAST ABUT.	90+66.60	-19.27	876.25	876.25

**BEAM 2**

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
BACK OF WEST ABUT.	89+74.85	-12.94	875.58	875.58
CL BRG. WEST ABUT.	89+76.10	-12.91	875.58	875.58
A	89+86.03	-12.71	875.63	875.65
B	89+95.96	-12.55	875.67	875.70
C	90+05.90	-12.45	875.72	875.74
D	90+15.83	-12.40	875.76	875.77
CL BRG. PIER	90+20.80	-12.39	875.79	875.79
E	90+30.74	-12.42	875.84	875.85
F	90+40.67	-12.49	875.89	875.92
G	90+50.61	-12.62	875.95	875.98
H	90+60.54	-12.80	876.00	876.01
CL BRG. EAST ABUT.	90+65.50	-12.91	876.03	876.03
BACK OF EAST ABUT.	90+66.75	-12.94	876.04	876.04

**BEAM 3**

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
BACK OF WEST ABUT.	89+74.70	-6.61	875.36	875.36
CL BRG. WEST ABUT.	89+75.95	-6.58	875.37	875.37
A	89+85.91	-6.37	875.41	875.43
B	89+95.88	-6.22	875.45	875.48
C	90+05.85	-6.12	875.50	875.52
D	90+15.82	-6.06	875.55	875.55
CL BRG. PIER	90+20.80	-6.06	875.57	875.57
E	90+30.77	-6.08	875.62	875.63
F	90+40.74	-6.16	875.67	875.70
G	90+50.70	-6.29	875.73	875.76
H	90+60.67	-6.47	875.78	875.80
CL BRG. EAST ABUT.	90+65.65	-6.58	875.81	875.81
BACK OF EAST ABUT.	90+66.90	-6.61	875.82	875.82

**P.G.L.**

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
BACK OF WEST ABUT.	89+74.55	0.00	875.13	875.13
CL BRG. WEST ABUT.	89+75.80	0.00	875.14	875.14
A	89+85.80	0.00	875.19	875.21
B	89+95.80	0.00	875.24	875.27
C	90+05.80	0.00	875.29	875.31
D	90+15.80	0.00	875.34	875.34
CL BRG. PIER	90+20.80	0.00	875.36	875.36
E	90+30.80	0.00	875.41	875.42
F	90+40.80	0.00	875.46	875.49
G	90+50.80	0.00	875.51	875.54
H	90+60.80	0.00	875.56	875.57
CL BRG. EAST ABUT.	90+65.80	0.00	875.59	875.59
BACK OF EAST ABUT.	90+67.05	0.00	875.59	875.59

**BEAM 4 & CL STRUCTURE**

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
BACK OF WEST ABUT.	89+74.55	-0.28	875.14	875.14
CL BRG. WEST ABUT.	89+75.80	-0.25	875.15	875.15
A	89+85.80	-0.04	875.19	875.21
B	89+95.80	0.11	875.23	875.26
C	90+05.80	0.22	875.28	875.30
D	90+15.80	0.27	875.33	875.33
CL BRG. PIER	90+20.80	0.28	875.35	875.35
E	90+30.80	0.25	875.40	875.41
F	90+40.80	0.17	875.46	875.48
G	90+50.80	0.04	875.51	875.54
H	90+60.80	-0.14	875.57	875.58
CL BRG. EAST ABUT.	90+65.80	-0.25	875.59	875.59
BACK OF EAST ABUT.	90+67.05	-0.28	875.60	875.60

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DECK ELEVATIONS-II  
 IL. RTE. 173  
 OVER  
 PISCASAW CREEK OVERFLOW  
 F.A.P. RTE. 303 SECTION: 131B(1&2)BR  
 McHENRY COUNTY STATION 90+20.80  
 STRUCTURE NO. 056-0089  
 SCALE: DATE: APRIL 13, 2007  
 DRAWN BY: D.L./F.M.  
 CHECKED BY: B.N.S./J.C.N.  
**CHRISTIAN-ROGE & ASSOC., INC.**  
 CHICAGO ILLINOIS