

NORTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	206+04.43	-20.33'	905.68	905.68
☉ Brg. W. Abut.	206+06.01	-20.33'	905.68	905.68
A	206+16.01	-20.33'	905.63	905.64
B	206+26.01	-20.33'	905.58	905.59
☉ Pier 1	206+32.63	-20.33'	905.55	905.55
C	206+42.63	-20.33'	905.49	905.50
D	206+52.63	-20.33'	905.42	905.43
E	206+62.63	-20.33'	905.35	905.36
☉ Pier 2	206+68.88	-20.33'	905.31	905.31
F	206+78.88	-20.33'	905.25	905.25
G	206+88.88	-20.33'	905.18	905.18
☉ Brg. E. Abut.	206+95.51	-20.33'	905.14	905.14
Back E. Abut.	206+97.09	-20.33'	905.13	905.13

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	206+04.43	-20.00'	905.69	905.69
☉ Brg. W. Abut.	206+06.01	-20.00'	905.69	905.69
A	206+16.01	-20.00'	905.64	905.65
B	206+26.01	-20.00'	905.59	905.59
☉ Pier 1	206+32.63	-20.00'	905.55	905.55
C	206+42.63	-20.00'	905.49	905.50
D	206+52.63	-20.00'	905.42	905.44
E	206+62.63	-20.00'	905.36	905.37
☉ Pier 2	206+68.88	-20.00'	905.32	905.32
F	206+78.88	-20.00'	905.25	905.26
G	206+88.88	-20.00'	905.19	905.19
☉ Brg. E. Abut.	206+95.51	-20.00'	905.14	905.14
Back E. Abut.	206+97.09	-20.00'	905.13	905.13

BEAM 2

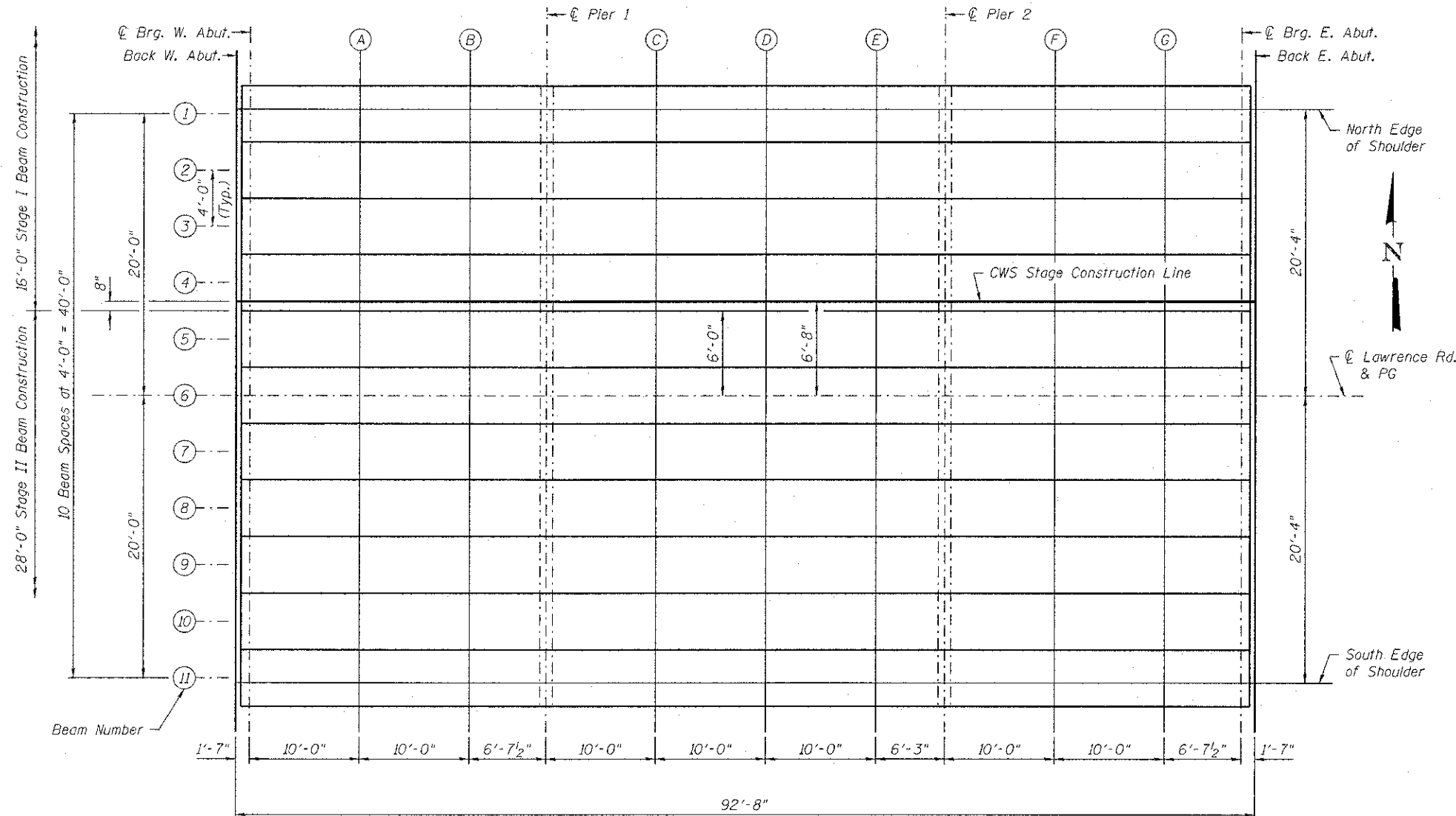
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	206+04.43	-16.00'	905.78	905.78
☉ Brg. W. Abut.	206+06.01	-16.00'	905.77	905.77
A	206+16.01	-16.00'	905.72	905.73
B	206+26.01	-16.00'	905.67	905.68
☉ Pier 1	206+32.63	-16.00'	905.64	905.64
C	206+42.63	-16.00'	905.58	905.59
D	206+52.63	-16.00'	905.51	905.52
E	206+62.63	-16.00'	905.44	905.45
☉ Pier 2	206+68.88	-16.00'	905.40	905.40
F	206+78.88	-16.00'	905.34	905.34
G	206+88.88	-16.00'	905.27	905.27
☉ Brg. E. Abut.	206+95.51	-16.00'	905.23	905.23
Back E. Abut.	206+97.09	-16.00'	905.22	905.22

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	206+04.43	-12.00'	905.86	905.86
☉ Brg. W. Abut.	206+06.01	-12.00'	905.85	905.85
A	206+16.01	-12.00'	905.81	905.81
B	206+26.01	-12.00'	905.76	905.76
☉ Pier 1	206+32.63	-12.00'	905.72	905.72
C	206+42.63	-12.00'	905.66	905.67
D	206+52.63	-12.00'	905.59	905.60
E	206+62.63	-12.00'	905.52	905.53
☉ Pier 2	206+68.88	-12.00'	905.48	905.48
F	206+78.88	-12.00'	905.42	905.42
G	206+88.88	-12.00'	905.35	905.36
☉ Brg. E. Abut.	206+95.51	-12.00'	905.31	905.31
Back E. Abut.	206+97.09	-12.00'	905.30	905.30

BEAM 4

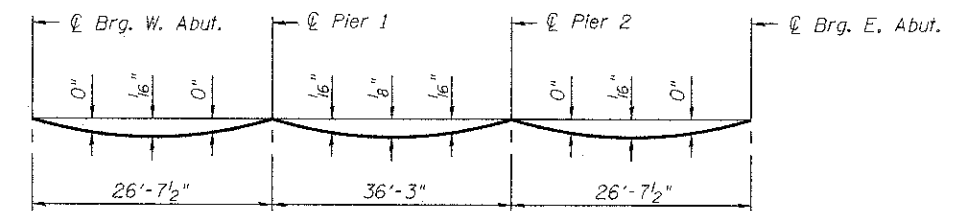
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	206+04.43	-8.00'	905.92	905.92
☉ Brg. W. Abut.	206+06.01	-8.00'	905.92	905.92
A	206+16.01	-8.00'	905.87	905.87
B	206+26.01	-8.00'	905.82	905.82
☉ Pier 1	206+32.63	-8.00'	905.78	905.78
C	206+42.63	-8.00'	905.72	905.73
D	206+52.63	-8.00'	905.65	905.67
E	206+62.63	-8.00'	905.59	905.60
☉ Pier 2	206+68.88	-8.00'	905.55	905.55
F	206+78.88	-8.00'	905.48	905.49
G	206+88.88	-8.00'	905.42	905.42
☉ Brg. E. Abut.	206+95.51	-8.00'	905.37	905.37
Back E. Abut.	206+97.09	-8.00'	905.36	905.36



PLAN

DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete Overlay only.)
 Note:
 The 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 in this sheet and on Sheet 7 of 33.



FILE NAME: \\s:\755-012 Lawrence Phase II\Cadd Sheets\Structure\0563184-000-006.dgn

Bollinger, Lach & Associates, Inc.
 IRASCA, ILLINOIS

USER NAME = gonzalo	DESIGNED <i>JMT</i>	REVISED -
PLOT SCALE =	CHECKED <i>JJI</i>	REVISED -
PLOT DATE = 8/16/2012	DRAWN <i>GM</i>	REVISED -
	CHECKED <i>JJI</i>	REVISED -

McHENRY COUNTY
DIVISION OF TRANSPORTATION
LAWRENCE ROAD BRIDGE OVER PISCASAW CREEK

TOP OF CWS ELEVATIONS I
STRUCTURE NO. 056-3184
 SHEET NO. 6 OF 33 SHEETS

F.A.S. RTE. 0028	SECTION 08-00355-01-BR	COUNTY McHENRY	TOTAL SHEETS 87	SHEET NO. 38
CONTRACT NO. 63694			ILLINOIS FED. AID PROJECT	