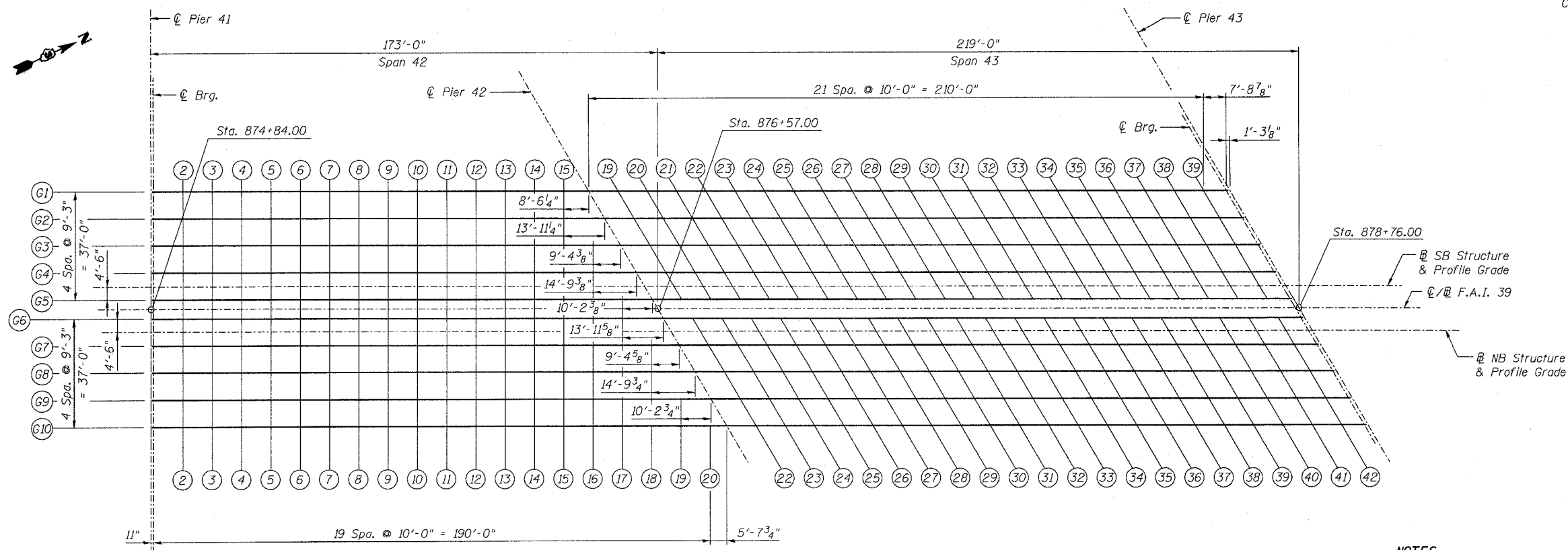


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 39	50-4B	LASALLE	114	92
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

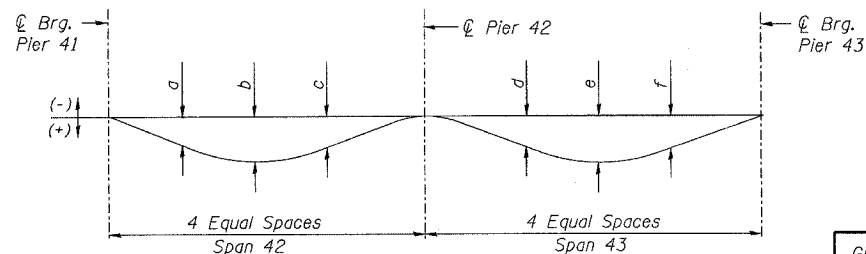
Contract # 66586



PLAN

NOTES:

1. Dead load deflections used for the Dead Load Deflection Diagram and the tabulated Elevation Adjusted for Dead Load Deflection are based on the pour sequence shown on sheet 21. If the pour is modified, the dead load deflections must be recalculated and approved by the Engineer. See General Notes.
2. For stations and top of slab elevations see sheets 93 thru 95.



DEAD LOAD DEFLECTION DIAGRAM

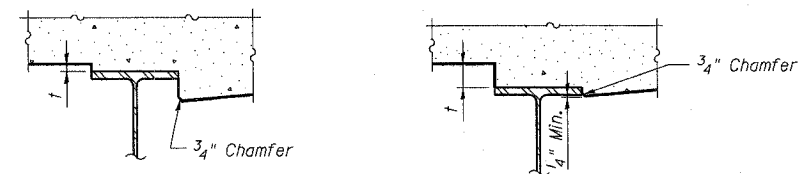
(Due to weight of concrete only)

DEAD LOAD DEFLECTION TABLE

Girder	a	b	c	d	e	f
G1	1/8"	-1/4"	-1/2"	2 7/8"	5 1/4"	4 1/8"
G2	1/4"	-1/8"	-1/2"	3 3/8"	5 3/4"	4 5/8"
G3	1/2"	1/8"	-1/2"	3 1/8"	5 7/8"	4 5/8"
G4	5/8"	1/4"	-3/8"	2 3/4"	5 1/8"	4"
G5	3/4"	1/2"	-1/4"	2 5/8"	4 7/8"	3 7/8"
G6	1"	7/8"	0	2 1/4"	4 1/2"	3 3/4"
G7	1 3/8"	1 1/4"	1/4"	2 1/2"	5"	4 1/8"
G8	1 5/8"	1 5/8"	3/8"	2 3/8"	5"	4 1/8"
G9	2"	2"	5/8"	2 1/4"	4 3/8"	3 1/2"
G10	2 1/4"	2 1/4"	3/4"	1 3/4"	3 7/8"	3 1/4"

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 on sheets 93 thru 95.



AT MINIMUM FILLET

AT MAXIMUM FILLET

To determine "t": After all structural steel has been erected, elevations at the top of flanges of the girders shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 93 thru 95, minus slab thickness, equals the fillet heights "t" above top flange of girders.

FILLET HEIGHTS

DESIGNED -	AJK
CHECKED -	MRB
DRAWN -	VH
CHECKED -	MRB

benesch

alfred benesch & company
Engineers - Surveyors - Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450
Job # 3856

SCREED PLAN - SPANS 42 AND 43
ABRAHAM LINCOLN MEMORIAL BRIDGE OVER
THE ILLINOIS RIVER (PUBLIC WATERS)
F.A.I. ROUTE 39 SEC. (50-4B) BR
LASALLE COUNTY
STATION 863+16.00
STRUCTURE NO. 050-0191 (SB & NB)