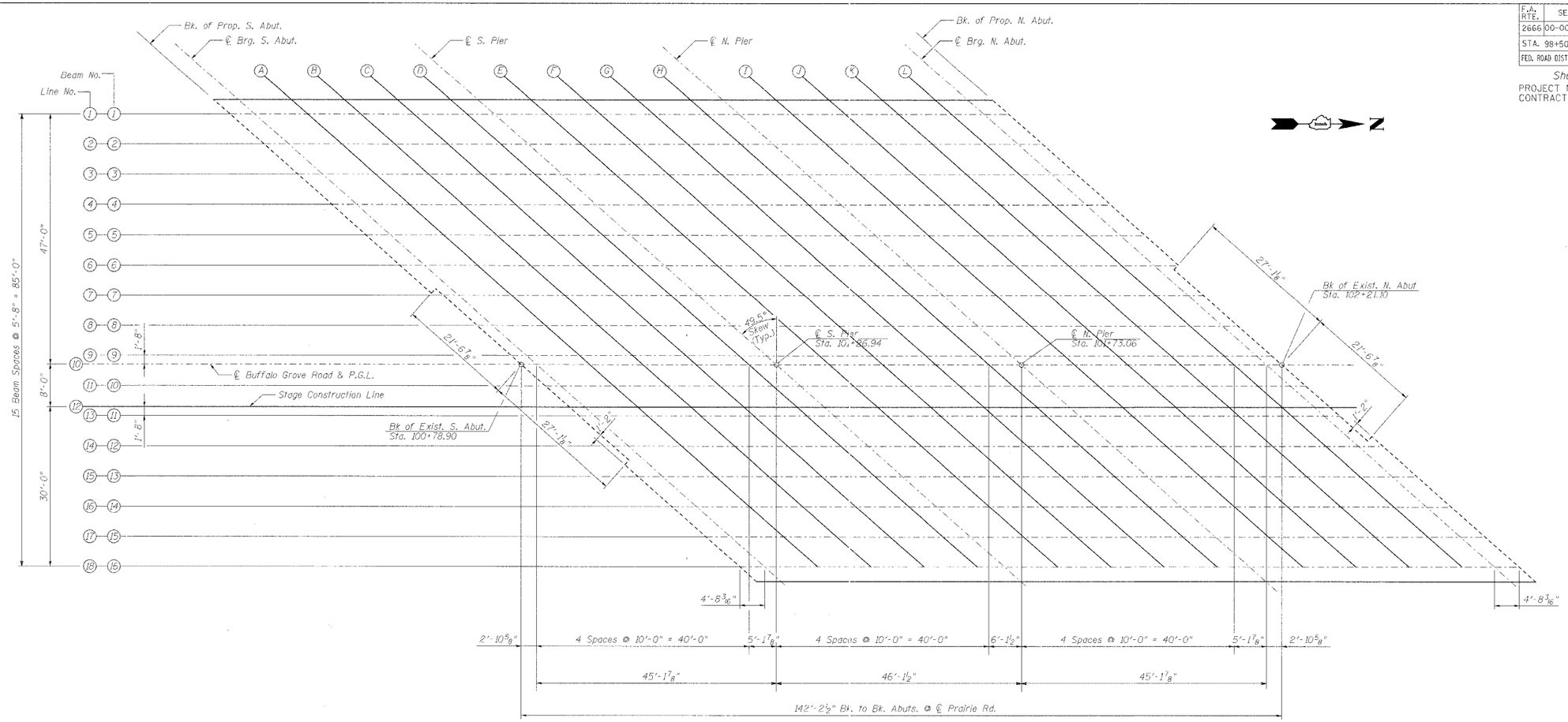
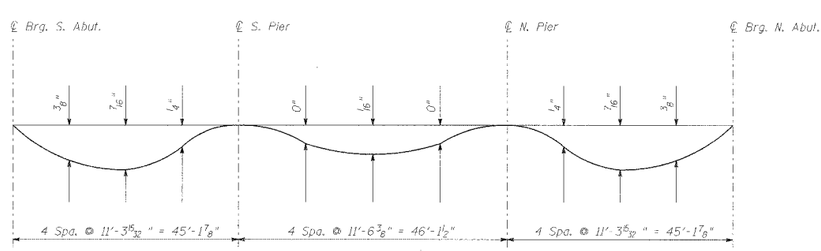
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	32
STA. 98+50		TO STA. 107+57		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet 9 of 35 Sheets
PROJECT NO. BHM-8003(213)
CONTRACT NO. 83875

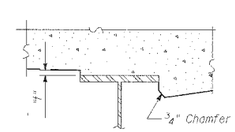


LAYOUT PLAN FOR DECK ELEVATIONS

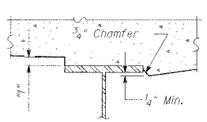


DEAD LOAD DEFLECTION DIAGRAM
(INCLUDES WEIGHT OF CONCRETE ONLY)

NOTE: The above deflections are not for use in the field if the engineer is working from the theoretical grade elevations adjusted for dead load deflection shown on sheets 10 thru 12 of 34.



AT MINIMUM FILLET



AT MAXIMUM FILLET

METHOD OF DETERMINING FILLET HEIGHTS "t"

After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at the stations shown on sheets 10 thru 12 of 34. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheets 10 thru 12 of 33, minus slab thickness equals the fillet heights "t" above top flange of beams.

NOTES:
1. Work this sheet with sheets 10 thru 12 of 34.

REVISIONS	
NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

LAKE COUNTY DIVISION OF TRANSPORTATION
DECK ELEVATIONS I

BUFFALO GROVE ROAD
AT INDIAN CREEK BRIDGE
SECTION 00-00254-01-BR STATION 101+50.00
LAKE COUNTY STRUCTURE NO. 049-3043
SCALE: NONE DRAWN BY: TBW
DATE: 7/21/06 CHECKED BY: ATI, WK

DECK ELEVATIONS I

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

I:\lakeco\0220113\draw\sheets\struct\6-16-06\dck elev 1.dgn