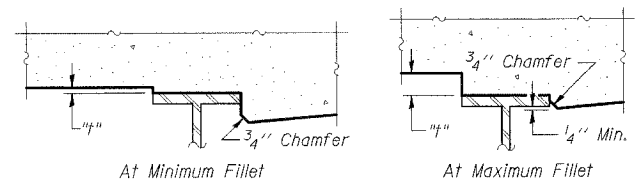
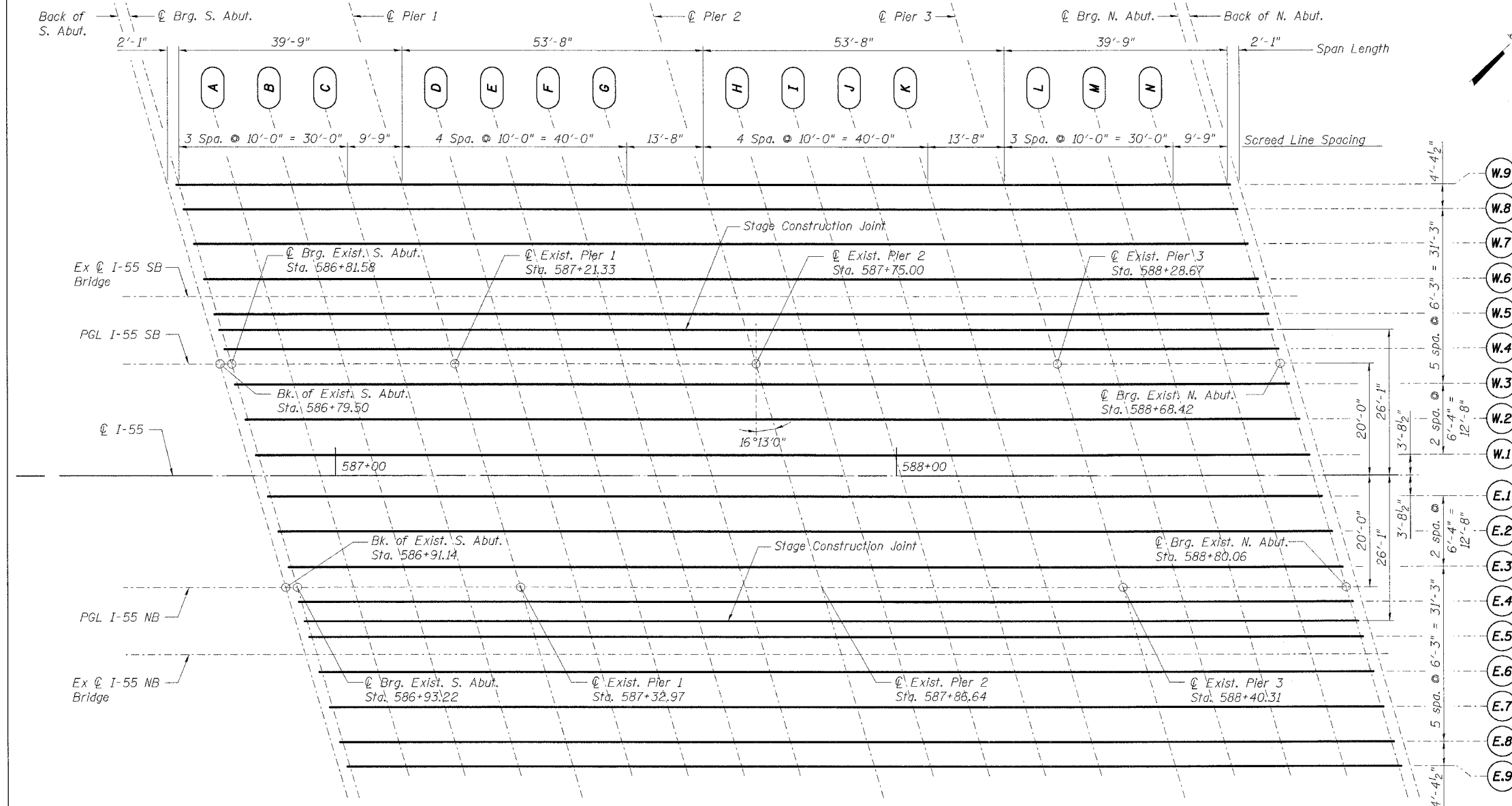


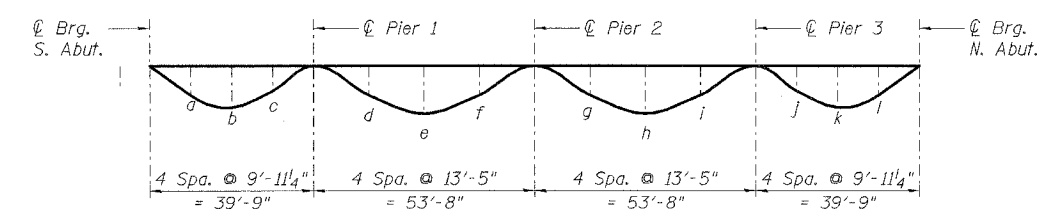
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2005-063 I	WILL	50	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

Notes:
1. Work this Sheet with Shts. SC-9 to SC-11.

SCREED PLAN



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of deck concrete only)

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.

DEAD LOAD DEFLECTION TABLE
(Positive deflections are downward)

BEAMS	DEAD LOAD DEFLECTIONS (in)											
	a	b	c	d	e	f	g	h	i	j	k	l
E.1, E.3 thru E.7 & W.1, W.3 thru W.7	1/16	1/8	1/16	1/8	3/16	1/8	1/8	3/16	1/8	1/16	1/8	1/16
E.2, E.8, E.9 & W.2, W.8, W.9	1/16	1/16	1/16	1/8	3/16	1/8	1/8	3/16	1/8	1/16	1/16	1/16

THIS SHEET FOR INFORMATION ONLY

SHT. SC-8 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

SCREED PLAN & DEAD LOAD DEFLECTIONS

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

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

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

PLOT DATE = 05/19/06
 FILE NAME = I:\PROJECTS\2005\063\001\STRUCT\001\SCREED\001.DWG
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 DATE = 5/17/2006 13:07:11
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