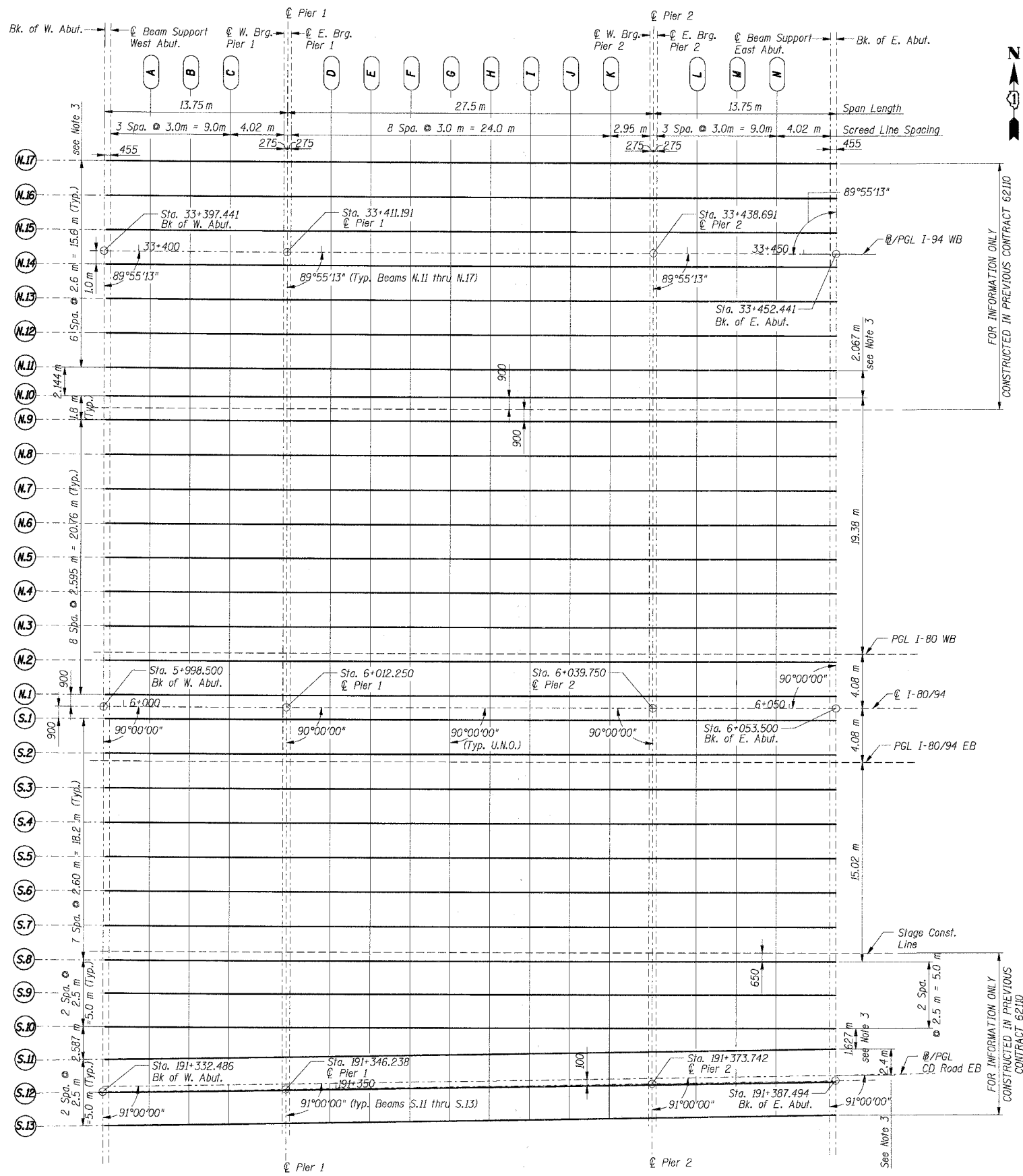
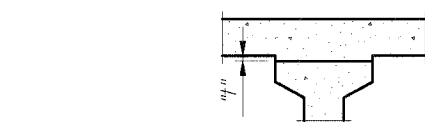


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	389
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62110		

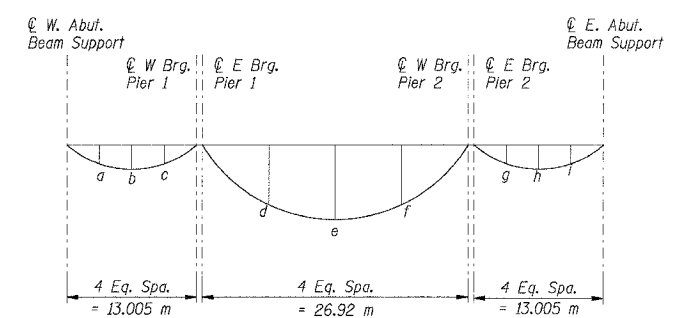


FOR INFORMATION ONLY
CONSTRUCTED IN PREVIOUS CONTRACT 62110



To determine "f": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "f" above top flanges of beams.

FILLET HEIGHTS



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of deck concrete only)

DEAD LOAD DEFLECTION TABLE

(Positive deflections are downward)

BEAMS	DEAD LOAD DEFLECTIONS (mm)								
	a	b	c	d	e	f	g	h	i
* N.10 thru N.17 & S.8 thru S.13	1	2	1	23	32	23	1	2	1
* N.1 thru N.9 & S.1 thru S.7	1	2	1	23	32	23	1	2	1

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 as shown in the Top of Deck Elevation Tables, Shts. RS-18 thru RS-23.

* For Information Only.

- Notes:**
- All dimensions are in millimeters (mm) except as noted.
 - Work this sheet with Shts. RS-18 thru RS-23.
 - Dimensions are measured along back of abutments perpendicular to \angle I-80/94.

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
I-80/94 OVER RAILROAD AVENUE
STRUCTURE NO. 016-2792 STA. 6+025.000
SECTION 1977-121-R
COOK COUNTY

SHT. RS-17 OF 70

REVISIONS	
NAME	DATE

SCREED PLAN & DEAD LOAD DEFLECTIONS

DATE: 7/18/2005
DRAWN BY: NK
CHECKED BY: SC

TENG
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

SP99M02A.DGN, V:\R9902A.DGN, V:\R9902A.DGN, V:\R9902A.DGN
 7-12-2005, 06:25:35
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SCREED PLAN