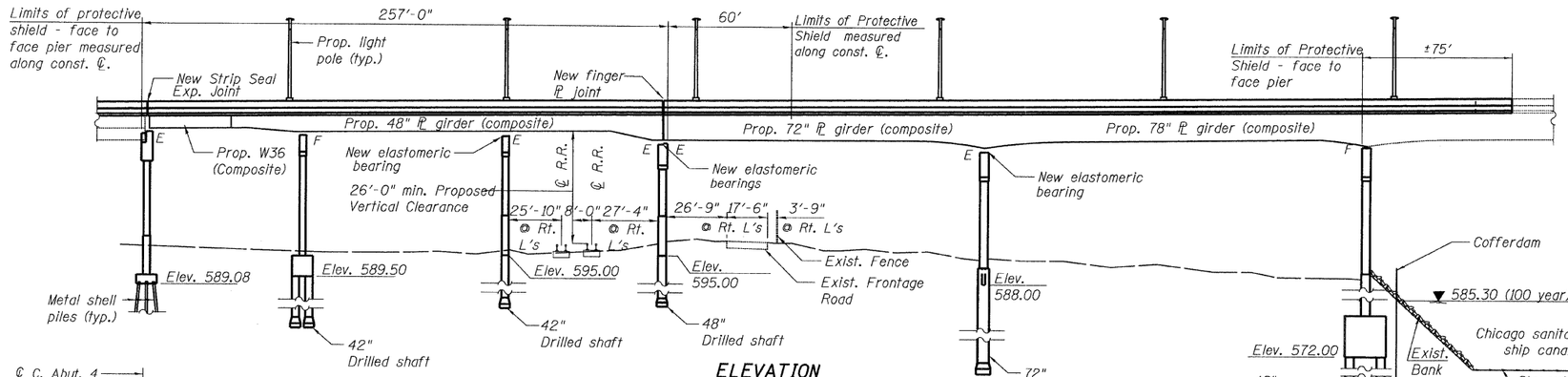
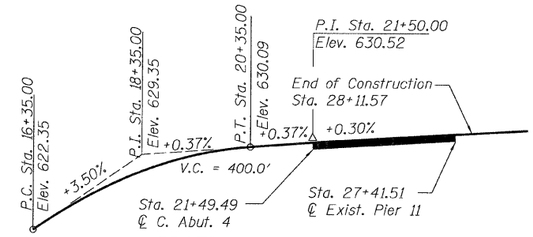
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

PLAN



PROFILE GRADE CENTRAL AVE.

SCOPE OF WORK

- Widen the existing superstructure and substructure
- Remove and replace the existing deck with a 7½" deck.
- Clean and paint the existing structural steel.
- Remove and replace diaphragms located at expansion joints.
- Reconstruct and widen existing Pier #9 above the crashwall.
- Construct new pier extensions.
- Perform formed concrete repairs on piers.
- Replace existing expansion bearings with elastomeric bearings.
- Install new expansion joints.
- Remove and replace the drainage system.

NOTES:

1. No deck drains will be permitted in the span over tracks or within 10 ft of cross arms of a railroad pole line.
2. For C. Abut. 4 details, see plans for S.N. 016-0724

BORING LOCATIONS

No.	Station	**Offset
BR-11	21+15.0	79.3' LT
BR-12	21+93.5	76.6' RT
BR-13	23+04.6	56.3' LT
BR-14	25+14.6	71.6' LT

** Offset from ℄ Central Avenue

LEGEND

Boring Location

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

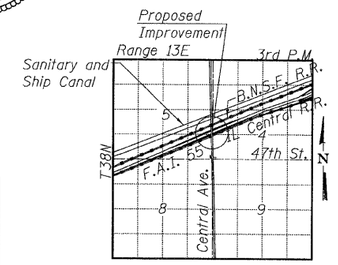
STATION 27+11.65
REBUILT 200_ BY
STATE OF ILLINOIS
FAI ROUTE 55
SEC. 0711.2R & 1011.1BR
LOADING HS20-44
STR. NO. 016-3240

NAME PLATE

(See Std. 515001)*
* The existing Name Plate shall be cleaned and relocated next to the new Name Plate. Cost is included with Name Plates.

STATE OF ILLINOIS
ANNA M. DUKES
081-005598
CHICAGO, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Signed Anna M. Dukes
Anna M. Dukes, S.E. Il. Lic. No. 081-005598
Expires 11-30-2010.
Date August 3, 2010



LOCATION SKETCH

GENERAL PLAN AND ELEVATION STRUCTURE NO. 016-3240

TY·LIN INTERNATIONAL

DESIGNED	DY, LS
CHECKED	AMD, LS
DRAWN	DY, LS
CHECKED	AMD, LS
DATE	08/02/10

REVISIONS	
NAME	DATE

SHEET NO. 1
33 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	0711.2R & 1011.1BR	COOK	200	168
		CONTRACT NO. 60L39		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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8/2/2010
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