

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

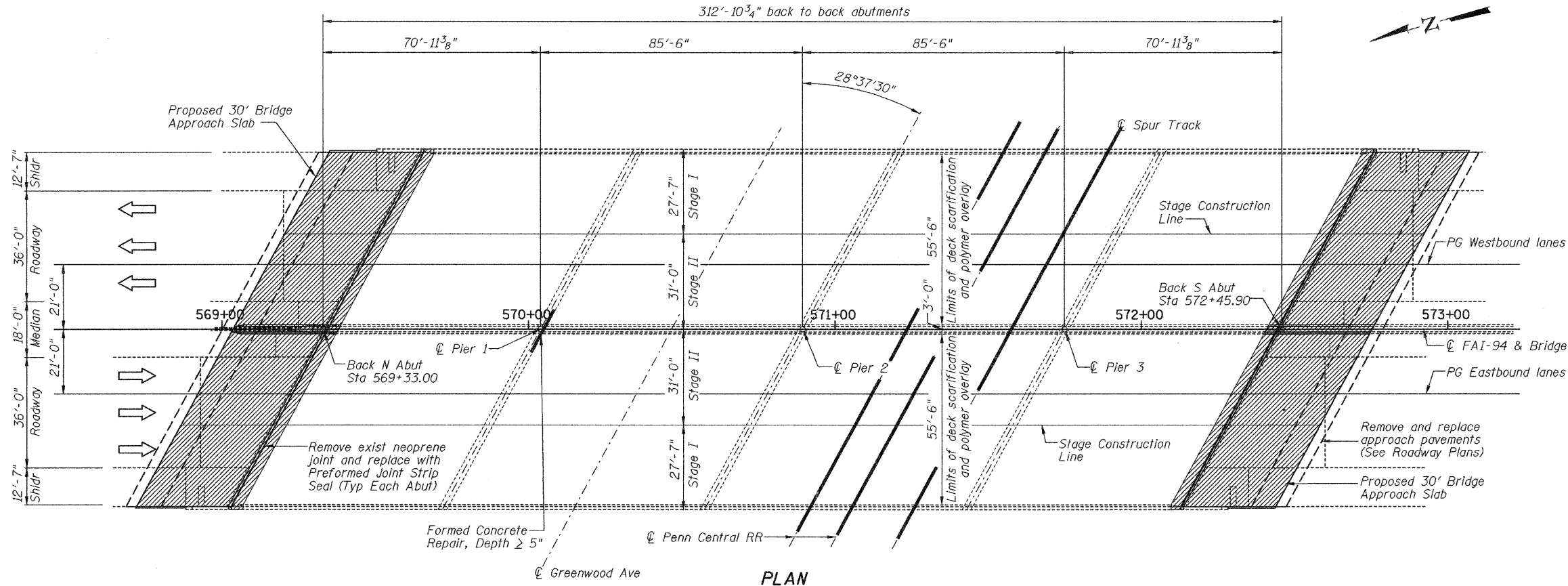
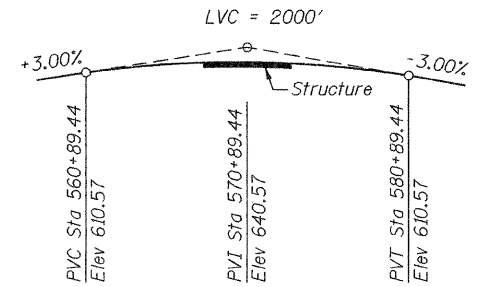
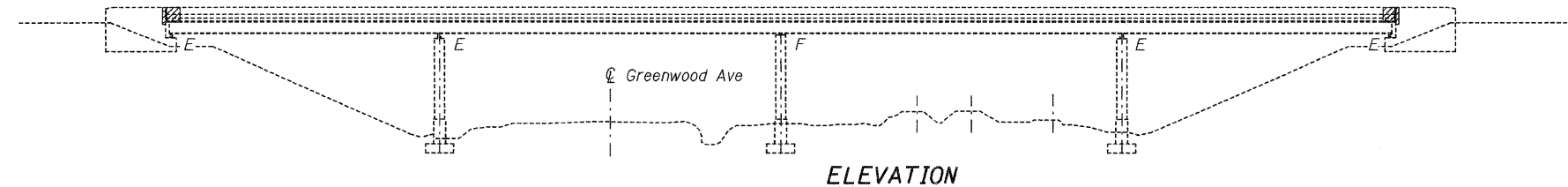
**Existing structure:**  
The original structure was built in 1947 as Route SA-66, Section 066-505.2-MFT, 1975-079-BR. In 1981, the bridge was widened and reconstructed with a new deck and new line of steel beams on each side and the superstructure was cleaned and painted.

**Bench Mark:**  
"X" scribed in chiseled box on top of concrete barrier wall at the southeast corner of bridge structure for Westbound FAI-94 over Greenwood Avenue  
Elev 627.12 (Assumed Local Datum)

Stage construction shall be utilized to maintain traffic during construction.  
No salvage

**DESIGN SPECIFICATIONS**  
2002 AASHTO 17th Edition

**DESIGN STRESSES**  
**FIELD UNITS**  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)  
fy = 36,000 psi (M270 Grade 36)



**EXISTING PROFILE GRADE FAI-94**

**SCOPE OF WORK**

Shot blast the existing deck and apply a thin anti-icing overlay <sup>5</sup>/<sub>8</sub>" min thickness.

Replace deck joints at each abutment with Preformed Joint Strip Seal.

Replace bridge approach pavements.

Jack and remove bearings and replace with elastomeric bearings at each abutment.

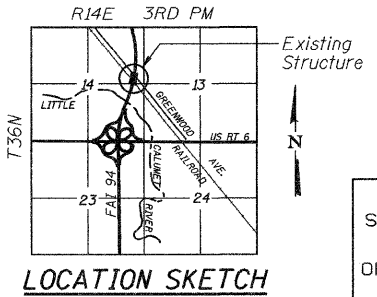
Remove debris from abutment bearing seats.

Repair north pier cap with formed concrete repair.

Repair the west parapet in the south approach, westbound lanes, with formed concrete repair.

Re-seal joint between median parapets

**GENERAL PLAN AND ELEVATION  
BISHOP FORD EXPRESSWAY (I-94)  
GREENWOOD AVENUE  
COOK COUNTY  
STATION  
STRUCTURE NUMBER 016-0162**



DESIGNED -	
CHECKED -	
DRAWN -	R KING
CHECKED -	

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
DECATUR (217) 422-8544  
CHICAGO (773) 714-0050  
ROCKFORD (815) 489-0050  
184-001397

SHEET NO. 1	F.A.I. RTE. 94	SECTION (0405,ETC,42-7&070)RS-11	COUNTY COOK	TOTAL SHEETS 133	SHEET NO. 70
OF 17 SHEETS	BISHOP FORD EXPRESSWAY (I-94)		CONTRACT NO. 60D21		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					