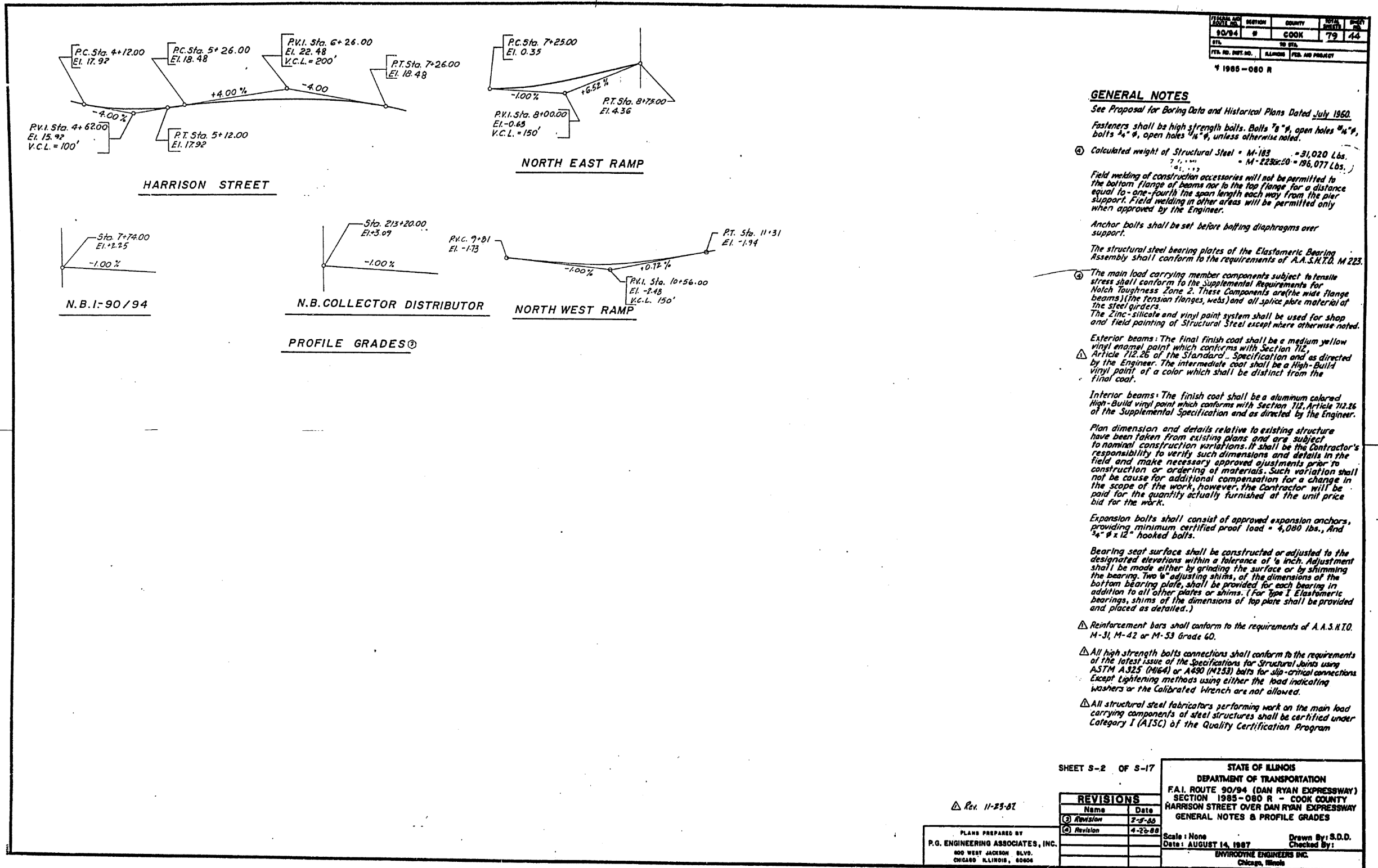


FOR INFORMATION ONLY



| SECTION            | SHEET | TOTAL SHEETS | SHEET NO. |
|--------------------|-------|--------------|-----------|
| 90/94              | 5     | 79           | 14        |
| STATE OF ILLINOIS  |       |              |           |
| F.A.I. ROUTE 90/94 |       |              |           |
| SECTION 1985-080 R |       |              |           |

- GENERAL NOTES**
- See Proposal for Boring Data and Historical Plans Dated July 1960.
- Fasteners shall be high strength bolts. Bolts 7/8" φ, open holes 1/4" φ, bolts 3/4" φ, open holes 1/8" φ, unless otherwise noted.
- Calculated weight of Structural Steel = M-183 = 31,020 Lbs.  
 = M-223x.50 = 196,077 Lbs.
- Field welding of construction accessories will not be permitted to the bottom flange of beams nor to the top flange for a distance equal to one-fourth the span length each way from the pier support. Field welding in other areas will be permitted only when approved by the Engineer.
- Anchor bolts shall be set before bolting diaphragms over support.
- The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of A.A.S.H.T.O. M 225.
- The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These Components are (the wide flange beams) (the tension flanges, webs) and all splice plate material of the steel girders.
- The Zinc-silicate and vinyl paint system shall be used for shop and field painting of Structural Steel except where otherwise noted.
- Exterior beams: The final finish coat shall be a medium yellow vinyl enamel paint which conforms with Section 712, Article 712.26 of the Standard Specification and as directed by the Engineer. The intermediate coat shall be a High-Build vinyl paint of a color which shall be distinct from the final coat.
- Interior beams: The finish coat shall be a aluminum colored High-Build vinyl paint which conforms with Section 712, Article 712.26 of the Supplemental Specification and as directed by the Engineer.
- Plan dimension and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variation shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- Expansion bolts shall consist of approved expansion anchors, providing minimum certified proof load = 4,000 lbs., and 3/4" φ x 12" hooked bolts.
- Bearing seat surface shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/2" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims. (For type I Elastomeric bearings, shims of the dimensions of top plate shall be provided and placed as detailed.)
- Reinforcement bars shall conform to the requirements of A.A.S.H.T.O. M-31, M-42 or M-53 Grade 60.
- All high strength bolts connections shall conform to the requirements of the latest issue of the Specifications for Structural Joints using ASTM A325 (M16) or A490 (M133) bolts for slip-critical connections. Except tightening methods using either the load indicating washers or the Calibrated Wrench are not allowed.
- All structural steel fabricators performing work on the main load carrying components of steel structures shall be certified under Category I (AISC) of the Quality Certification Program.

SHEET S-2 OF S-17

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)  
 SECTION 1985-080 R - COOK COUNTY  
 HARRISON STREET OVER DAN RYAN EXPRESSWAY  
 GENERAL NOTES & PROFILE GRADES

Scale: None  
 Date: AUGUST 14, 1987  
 Drawn By: S.D.D.  
 Checked By: ENVIRONMENTAL ENGINEERS INC.  
 Chicago, Illinois

| REVISIONS    |         |
|--------------|---------|
| Name         | Date    |
| (1) Revision | 2-5-88  |
| (2) Revision | 4-23-88 |

PLANS PREPARED BY  
 P.G. ENGINEERING ASSOCIATES, INC.  
 400 WEST JACKSON BLVD.  
 CHICAGO, ILLINOIS, 60604

Rev. 11-23-87

|                        |            |         |
|------------------------|------------|---------|
| USER NAME = dunkerleyb | DESIGNED - | REVISED |
|                        | CHECKED -  | REVISED |
| PLOT SCALE = N.T.S.    | DRAWN -    | REVISED |
| PLOT DATE = 11/26/2013 | CHECKED -  | REVISED |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING AS-BUILTS SN 016-1088

SHEET NO. AS-05 OF AS-72 SHEETS

|                                    |           |        |              |           |
|------------------------------------|-----------|--------|--------------|-----------|
| F.A.I. R.T.E.                      | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 90/94/290                          | 2013-036R | COOK   | 256          | 147       |
| CONTRACT NO. 60W71                 |           |        |              |           |
| ILLINOIS FED. AID PROJECT -NUMBER- |           |        |              |           |

D:\60W71-sht-AS-BUILT-05.dgn