

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

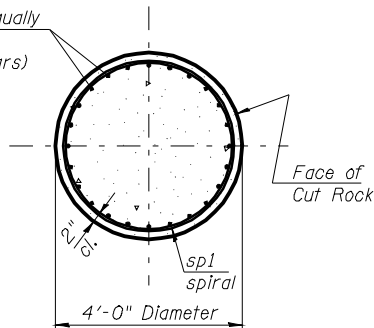
| ROUTE NO.             | SECTION  | COUNTY       | TOTAL SHEETS      | SHEET NO. |
|-----------------------|----------|--------------|-------------------|-----------|
| FAP<br>Rte 614        | 144(B-1) | Cass & Mason | 351               | 196       |
| FED. ROAD DIST. NO. 7 |          | ILLINOIS     | FED. AID PROJECT- |           |

SHEET NO. 60

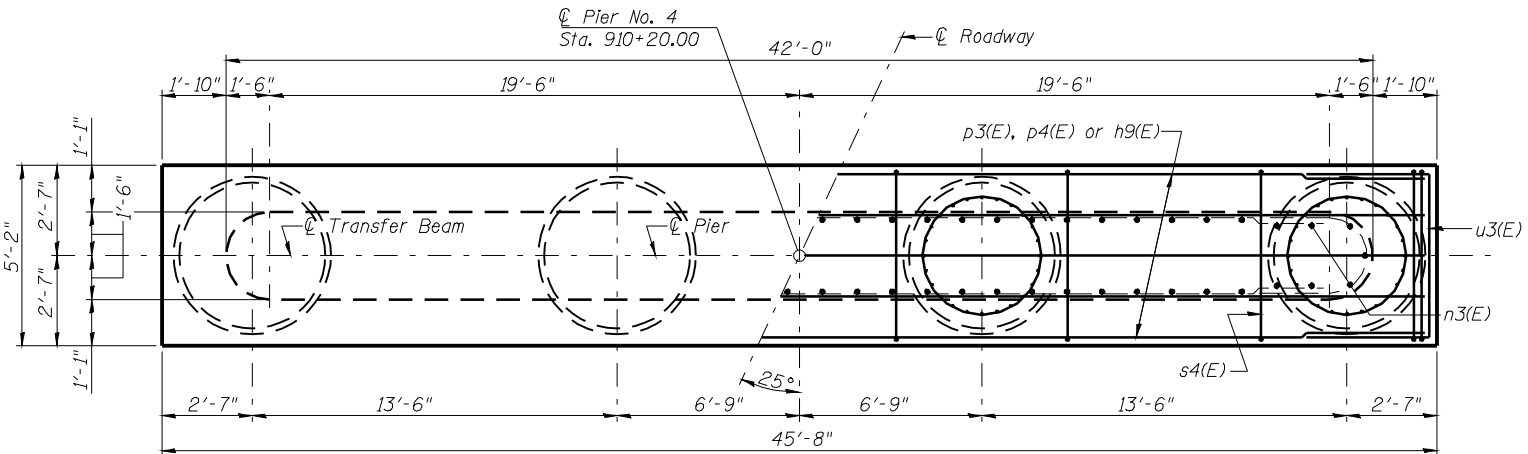
86 SHEETS

Contract #72A76

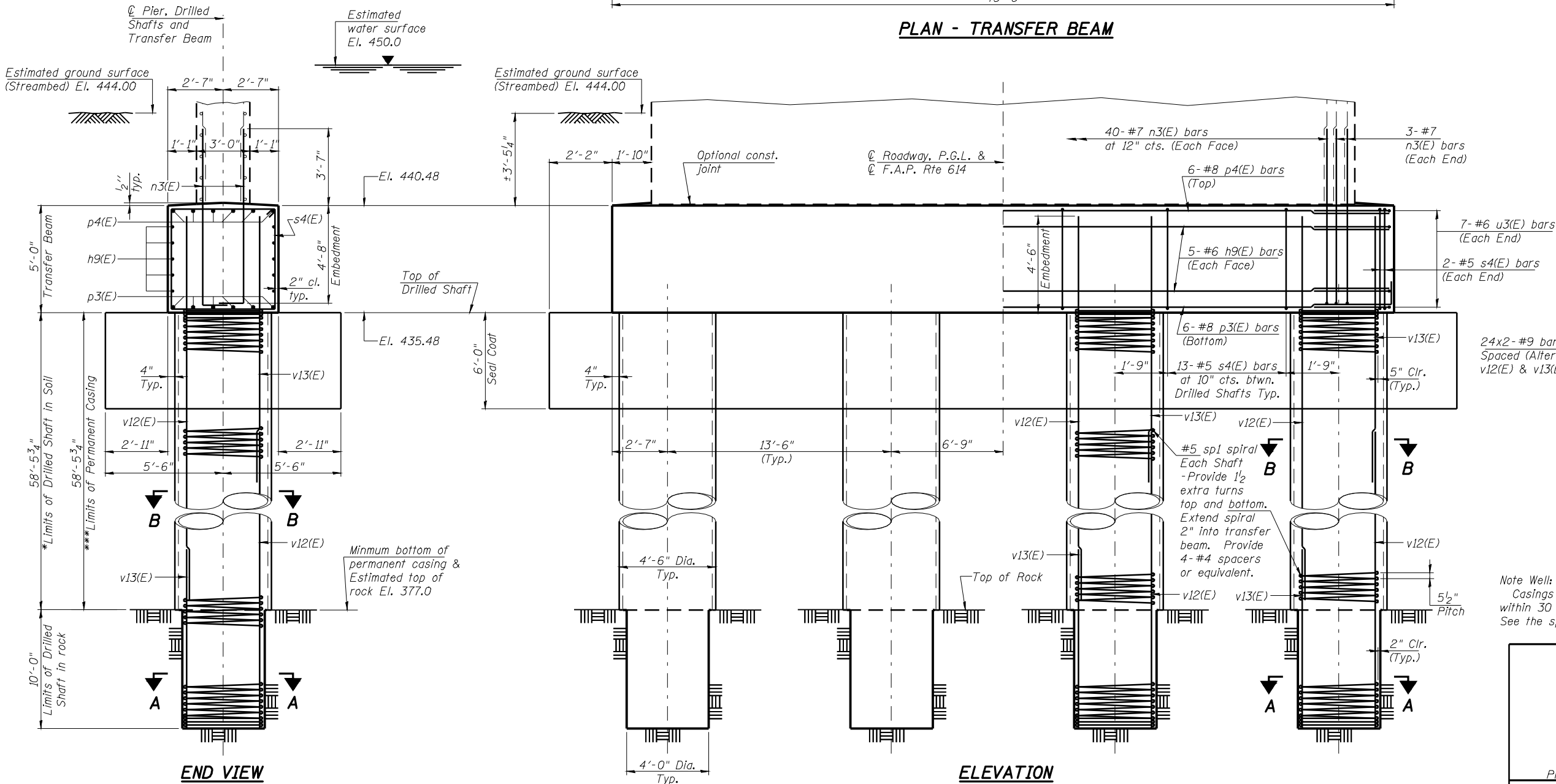
24x2-#9 bars Equally  
Spaced (Alternate  
v12(E) & v13(E) bars)



SECTION A-A



PLAN - TRANSFER BEAM



END VIEW

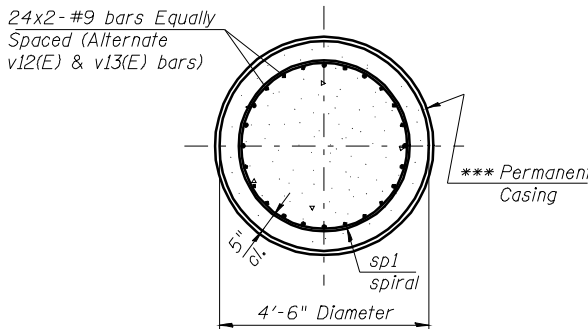
ELEVATION  
(Looking South)

\* The quantities and reinforcement detailing are based on the top of shaft and the estimated elevations shown and may change based on the actual elevations encountered at each shaft and the final top of shaft elevation.

\*\*\* Contractor is responsible for determining the casing thickness and the actual tip elevation to be used. See Article 516.06(d) of the Standard Specifications.

Pay limits for the Permanent Casing shall be based on the minimum length shown.

See Sheet 61 of 86 for bar laps & Bill of Material.



SECTION B-B

Note Well:  
Casings shall not be installed using vibratory methods within 30 feet of any part of an existing foundation. See the special provisions for Drilled Shaft Casing Installation.

PIER 4 - DETAILS (Sheet 1 of 2)  
F.A.P. 614 (IL 78) OVER SANGAMON RIVER  
PUBLIC WATERS  
CASS & MASON COUNTIES  
SECTION 144 (B-1)  
STA. 913+26.00  
STRUCTURE NUMBER 009-0510

PROFESSIONAL DESIGN FIRM LICENSE #184-001084

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Hanson Professional Services Inc.

JOB NO.

07S2026

DATE

03/27/09

Min: 3/2009 080335AM  
C:\m\work\PILOT\144(B-1)\PIER 4\034498-00-0510 Master Sheet Title.dgn  
LAYOUT 09/12/09  
DRAWN 09/10/09  
REVIEWED 09/30/09