Contract #76267

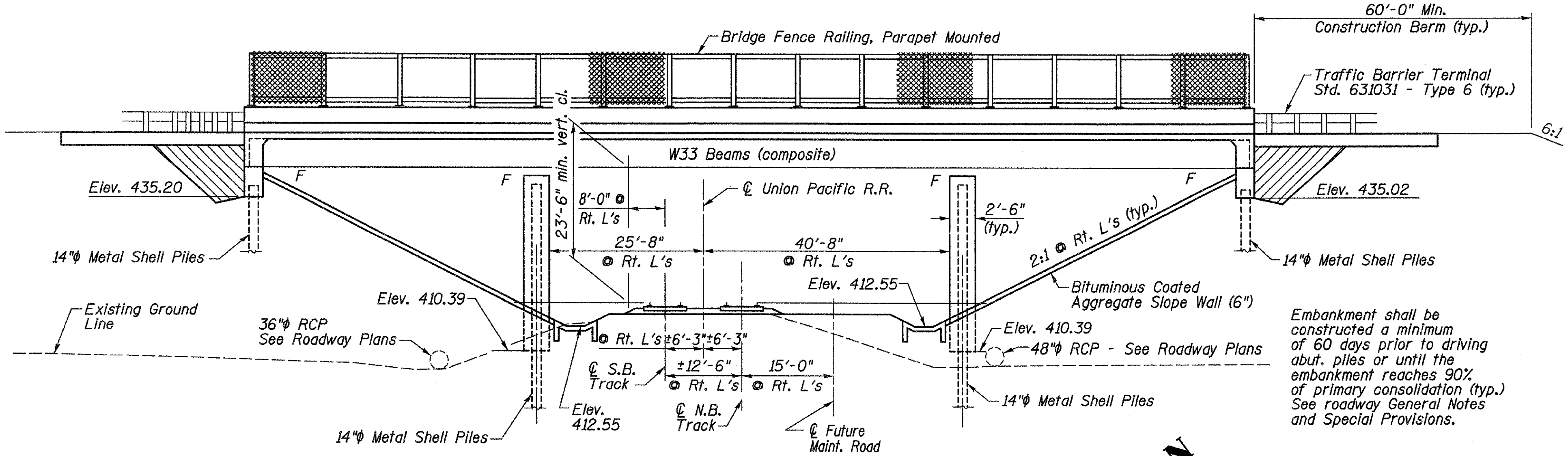
Bench Mark: Chiseled 'X' on western anchor bolt of RR signal foundation at southwest corner of Ill. 157/RR intersection. Elev. 415.67

Existing Structure: None

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

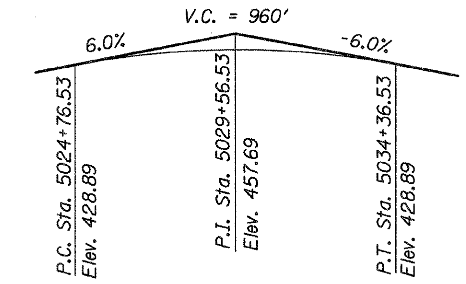
F.A.P. RTE.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
592	121-1R, 121HVB	ST. CLAIR	239	137
F.H.W.A. REGION 7	ILLINOIS	FED. AID PROJECT		

SHEET NO.: 1
SHEETS: 23

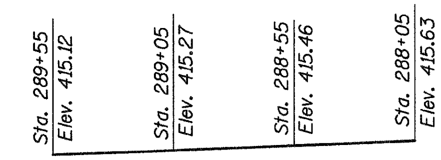


Embankment shall be constructed a minimum of 60 days prior to driving abut. piles or until the embankment reaches 90% of primary consolidation (typ.) See roadway General Notes and Special Provisions.

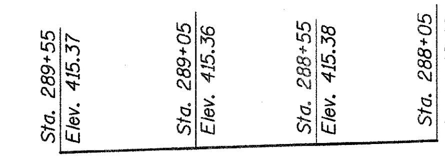
ELEVATION



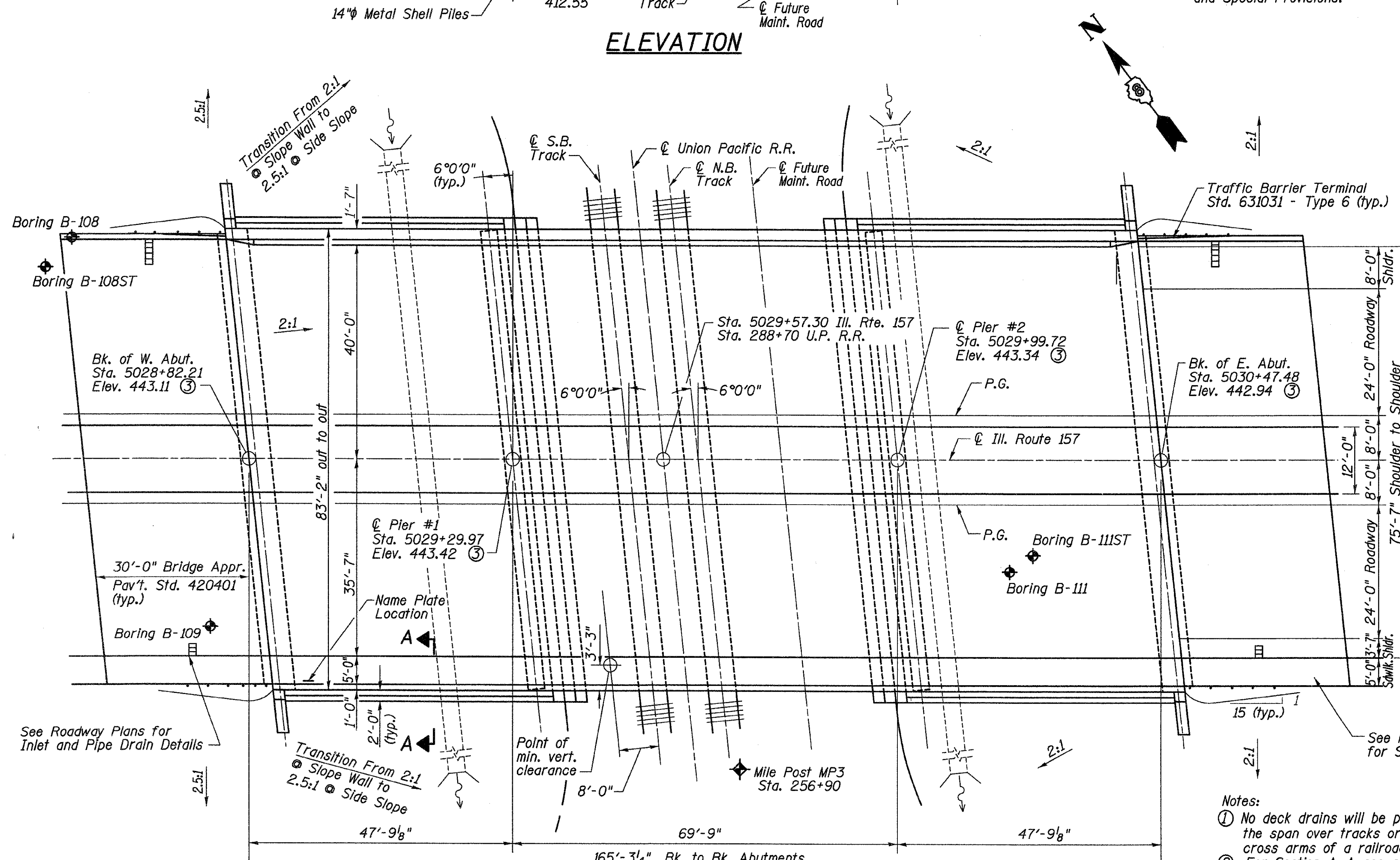
PROFILE GRADE



TOP OF RAIL ELEVATIONS SOUTHBOUND TRACK

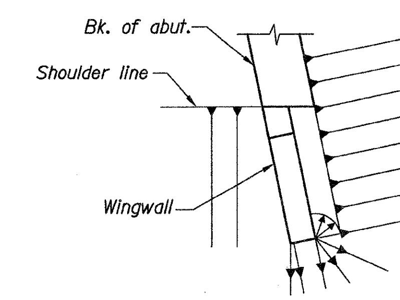


TOP OF RAIL ELEVATIONS NORTHBOUND TRACK



PLAN

Notes:
① No deck drains will be permitted in the span over tracks or within 10' of cross arms of a railroad pole line.
② For Section A-A see sheet 2 of 20.
③ The elevation shown is the projection of the cross slope from the profile grade to the centerline of the roadway.



EMBANKMENT DETAIL

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

DESIGN SPECIFICATION

1996 AASHTO WITH 1997, 1998, 1999, 2000 and 2002 Interims

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 50,000 psi (M270 Grade 50) struct. steel
fy = 36,000 psi (M270 Grade 36) struct. steel
fy = 60,000 psi (reinf.)

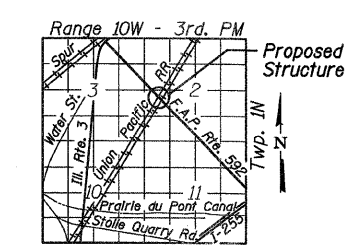
SEISMIC DATA

Seismic Performance Category (SPC) = B
Bedrock Acceleration Coefficient (A)=0.11g
Site Coefficient (S) = 1.5

STATION 5029+64.85
BUILT 200 BY
STATE OF ILLINOIS
F.A.P. RTE. 592 SEC. 121HVB
LOADING HS20
STRUCTURE NO. 082-0303

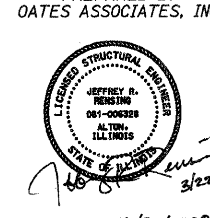
NAME PLATE

(See Std. 515001)



LOCATION SKETCH

PREPARED BY
OATES ASSOCIATES, INC.



Expires 11/30/2008

GENERAL PLAN
F.A.P. 592 (IL Rte. 157) OVER UNION PACIFIC RAILROAD
SECTION 121-1R, 121HVB
ST. CLAIR COUNTY
STATION 5029+64.85
STRUCTURE NO. 082-0303

PLOT DATE = 03/22/2007
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