CONTRACT NO. 66600

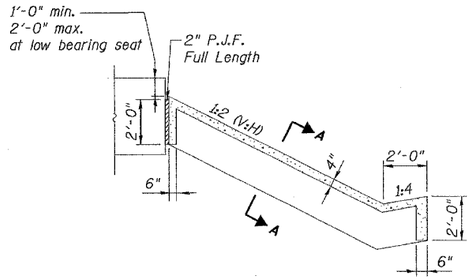
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	50-5HBK-2	LASALLE	331	129
STA. 105+00	TO STA. 136+00			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. S1 OF S22

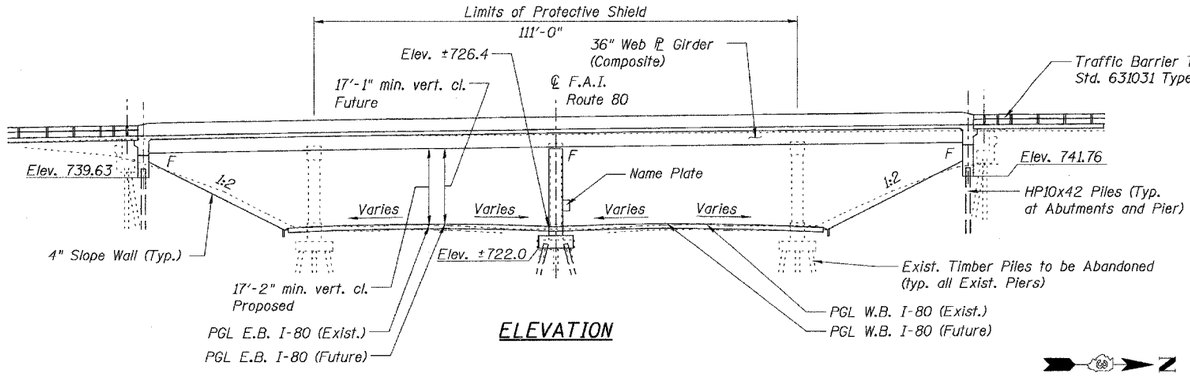
Bench Mark:
IDOT caps in ground with $\frac{5}{8}$" iron rods
1. Sta. 113+13.01 Offs. 23.85' R Elev. 727.68
2. Sta. 126+88.89 Offs. 31.71' R Elev. 748.21

Existing Structure: No. 050-0100. Built to carry CH 15 (Marseilles Rd.) over I-80 in 1960. The superstructure consists of a R.C. deck 202' long by 34'-0" wide on four-span simply supported pre-stressed concrete i-beams. One lane traffic shall be maintained during stage I construction and two lane traffic shall be maintained during stage II construction.

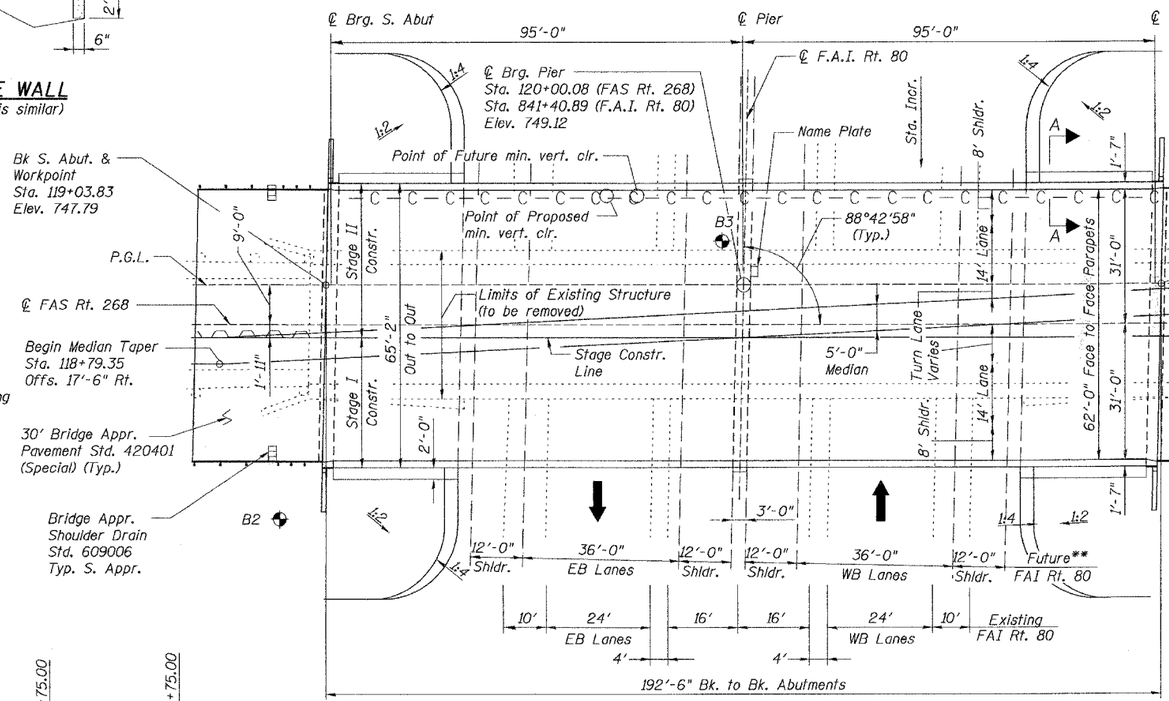
No Salvage.



SECTION THRU SLOPE WALL
(South Abutment shown, North is similar)

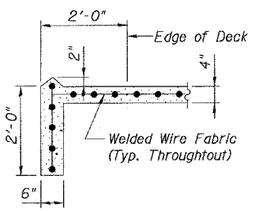


ELEVATION

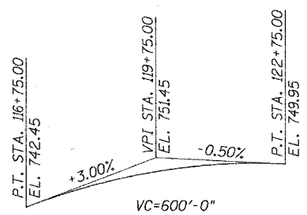


PLAN

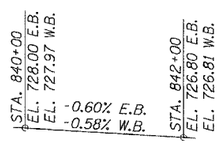
NOTES:
1) Slopewall shall be reinforced with welded wire fabric. 6in. x 6in. - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft.
2) Cost of removing existing 4" concrete slopewall is included in "Removal of Existing Structures".
3) Slopewalls and embankment must be constructed to accomodate the future FAI Rt.80. The future FAI Rt.80 will match the existing FAI Rt.80 at the existing outside edge of pavement.



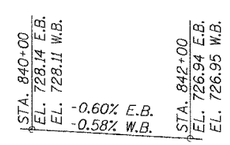
SECTION A-A



PROFILE GRADE MARSEILLES ROAD



PROFILE GRADE FAI Rt. 80
Existing



PROFILE GRADE FAI Rt. 80
Future **

LEGEND:
- Soil Boring
- —C—C—C— 2" Lighting Conduit

STATION 120+00.08
BUILT 20XX BY
STATE OF ILLINOIS
F.A.S. Rt. 268 SEC 50 5HBK-2
LOADING HS20
STR. NO. 050-0245

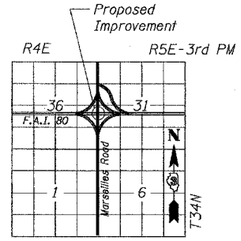
NAME PLATE
(See Std. 515001)

LOADING HS20-44
Allow 50 lb/ft² for future wearing surface

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

SEISMIC DATA
Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.04
Site Coefficient (S) = 1.0

DESIGN SPECIFICATIONS
2002 AASHTO, 17th edition
thru the 2005 errata



LOCATION SKETCH

LICENSED STRUCTURAL ENGINEER
KENTON P. ZINN
081-005826
STATE OF ILLINOIS

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

Kenton P. Zinn
EXPIRES: 11/30/08

REVISIONS	
NAME	DATE

Baker
Baker Engineering, inc.

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN AND ELEVATION
MARSEILLES ROAD (FAS Rt. 268)
OVER I-80 (F.A.I. ROUTE 80)
STRUCTURE NUMBER 050-0245
LA SALLE COUNTY SECTION 50-5HBK-2
STATION 120+00.08 DESIGNED: DM DRAWN: RL
DATE: 10/19/07 CHECKED: KZ CHECKED: KZ

H:\07496\3.0 deliverables\3.3 structure\Drawings\Final\Gen Pln & Elev.dgn
10/18/2007