

B.M. DA 300 = Chiseled "□" in top of center of concrete headwall NE of US 67, 0.9 miles NW of bridge 085-0001
Elev. 569.176

Existing Structure: S.N. 085-0001 is a 3 span steel continuous structure built in 1959. The structure is 174'-7" Bk to Bk of abutments and has an O. to O. width of 35'-8" with a 30'-0" clear width. Span lengths are 54'-0", 63'-0" and 54'-0" with a skew of 0 Deg. The superstructure consists of a concrete deck with an overlay making a total thickness of 8" on 6-33" wide flange beams. The abutments are open with cap supported steel piles. The piers are hammerhead piers on steel piles.

Bridge to be constructed using stage construction.

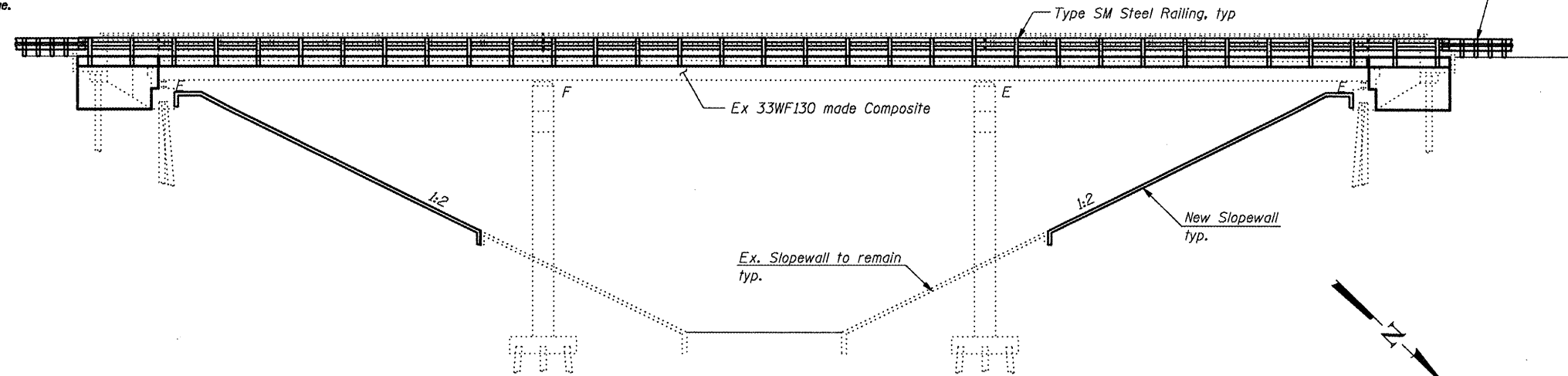
No Salvage.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

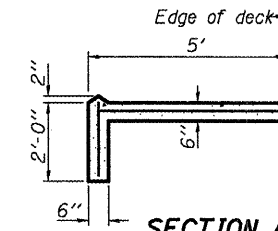
SCOPE OF WORK

1. Remove and replace deck.
2. Remove and replace approach pavements.
3. Remove and replace abutment back walls.
4. Remove and replace upper portion of wingwalls.
5. Install stud shear connectors to make deck composite.
6. Replace the damaged stopewall sections.
7. Jack and remove existing expansion bearings at abutments. Replace with new elastomeric bearings and steel bolsters.
8. Proposed profile will be raised approximately 5". Change will be accommodated in the proposed fillets.

Traffic Barrier Terminal,
Type 6A, Std 631032
typ.



ELEVATION

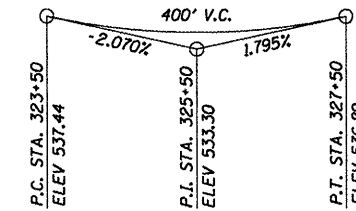


SECTION A-A

STATION 325+95.00
RE-BUILT 20 BY
STATE OF ILLINOIS
F.A.P. 310 - SEC. (87B)BR
LOADING HS20
STRUCTURE NO. 085-0001

NAME PLATE
See Std. 515001

Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with "Name Plates."



PR PROFILE US 67

LOADING HS-20

No allowance for future wearing surface.

DESIGN SPECIFICATIONS
2002 AASHTO Standard Specifications
for Highway Bridges

DESIGN STRESSES

FIELD UNITS (New Construction)

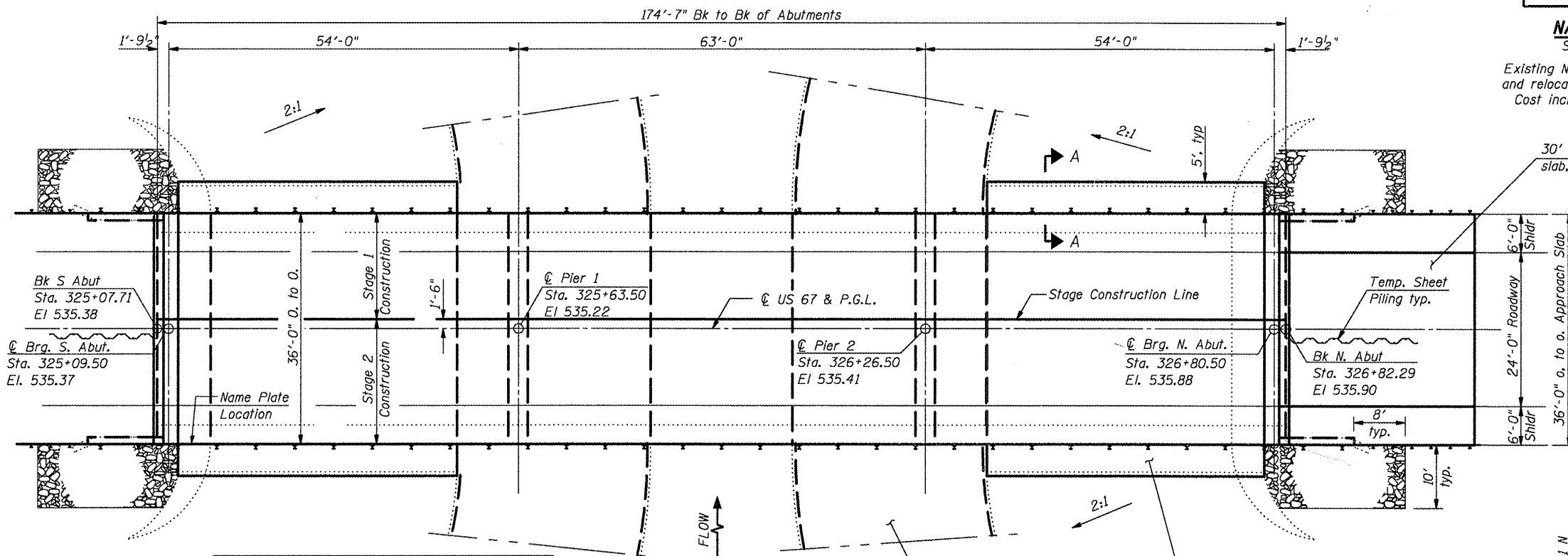
$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

FIELD UNITS (Existing Construction)

$f'_c = 3,500$ psi
 $f_y = 40,000$ psi (Reinforcement)
 $f_y = 33,000$ psi (Structural Steel)

SEISMIC DATA

Seismic Category Zone (SPC) = A
Bedrock Acceleration Coefficient (A) = .03g
Site Coefficient (S) = 1.0

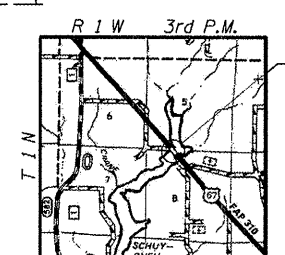


ELEVATION



02-Sept-2009
Expires 30-Nov-2010

GENERAL PLAN
F.A.P. 310 (US 67) OVER
CRANE CREEK
SECTION (87B)BR
SCHUYLER COUNTY
STRUCTURE NO. 085-0001
STA. 325+95.00



LOCATION SKETCH

DESIGNED	CMW
CHECKED	JSA
DRAWN	TJW
CHECKED	CMW

HOELSCHER ENGINEERING

11 Executive Drive Suite 12
Fairview Heights, Illinois 62208
(618) 624-8610
(618) 624-8611 (fax)

2501 Chatham Road, Suite 120
Springfield, Illinois 62704
(217) 698-8610
(217) 698-8608 (fax)

115 North Neil Street, Suite 105
Champaign, Illinois 61820
(217) 351-8610
(217) 351-8611 (fax)

APPROVED
For Structural Adequacy Only

Ralph E. Anderson
Engineer of Bridges & Structures

SHEET NO. 1	F.A. RTE. 310 (US 67)	SECTION (87B) BR	COUNTY SCHUYLER	TOTAL SHEETS 80	SHEET NO. 42
20 SHEETS	CONTRACT NO. 72B95				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			