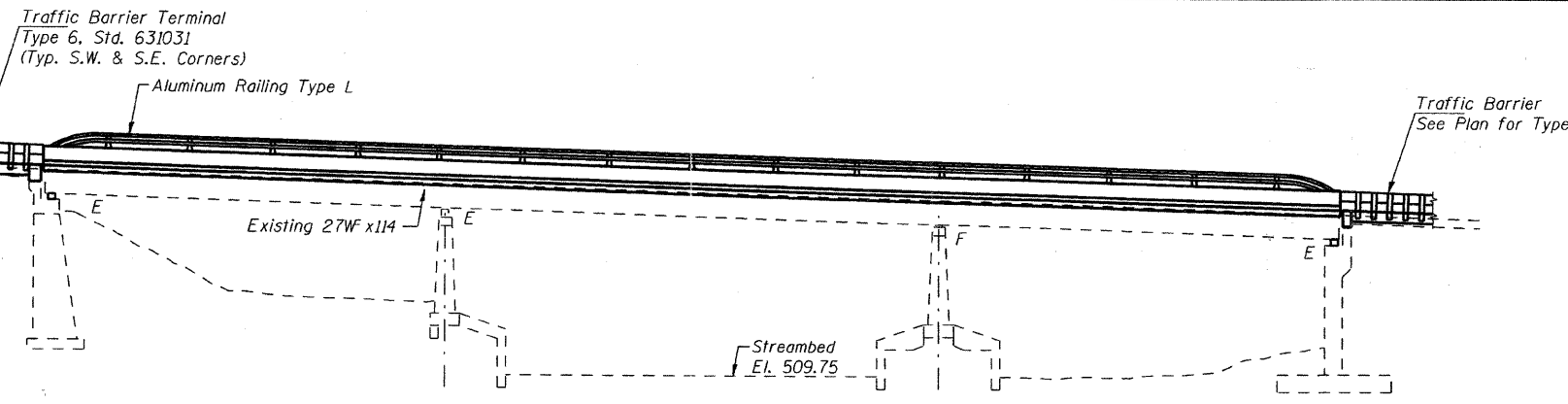


BM: Chiseled "□" on top of west end of southeast wingwall. Sta. 9+33.21' Rt. Elev. 534.14

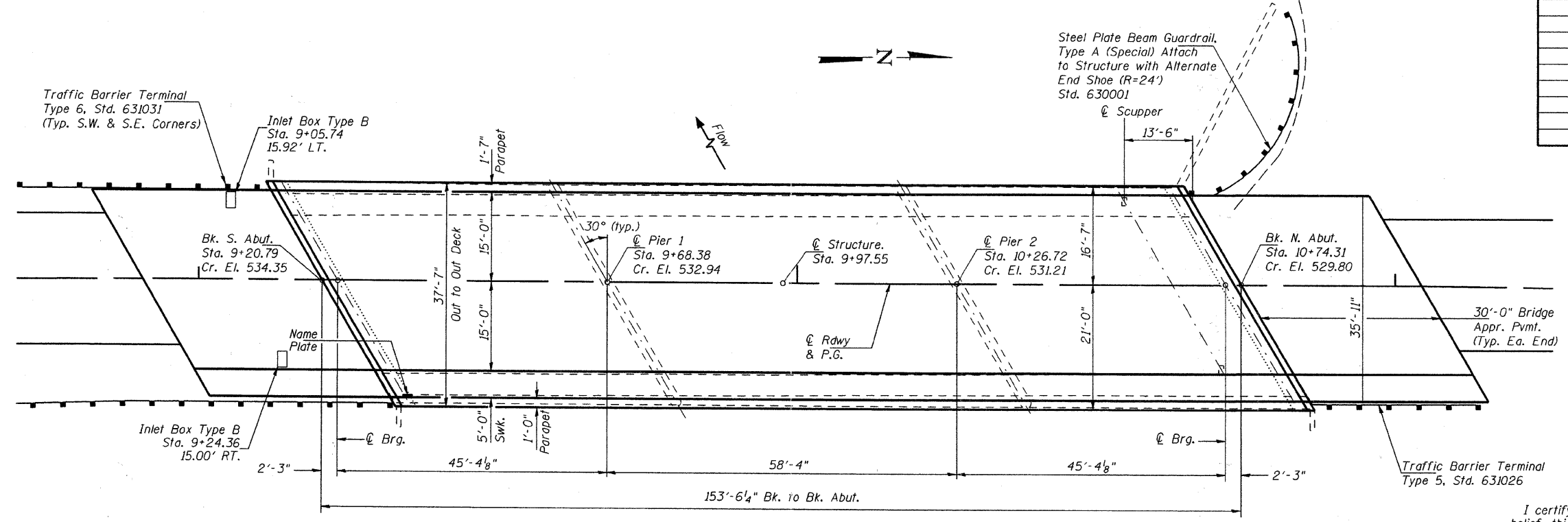
Ex. Str.: 3-span continuous RC deck on steel I-beam (noncomposite) superstructure on conc. closed abutments on footings and conc. solid wall piers on footings. The str. is 153'-6 1/4" bk. to bk. abutments, 35'-8" out to out of deck w/ a 26'-0" driving surface, 2'-4" sidewalks and is skewed 30°. Str. No. 099-3290

Salvage: None

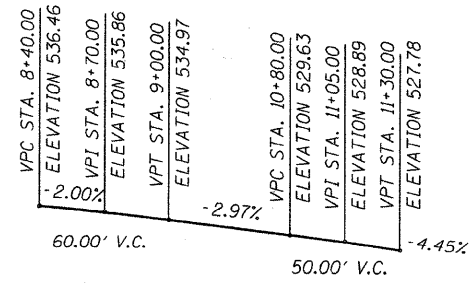
Road to be closed to traffic during construction.



ELEVATION



PLAN



PROFILE GRADE

DESIGNED	NPH
CHECKED	BAN
DRAWN	NPH
CHECKED	BAN

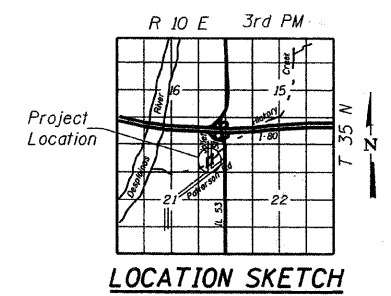
2882B001

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
2007 AASHTO LRFD Bridge Design Specifications With Interims

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

FIELD UNITS (EXISTING STRUCTURE)
f'c = 3,000 psi
fy = 40,000 psi (Reinforcement)
fy = 33,000 psi (Str. Steel)



LOCATION SKETCH

BRIDGE PLANS INDEX TO SHEETS

SHEET #s	DESCRIPTION
1	General Plan
2	General Plan Details
3 & 4	Top of Slab Elevations
5	Top of Slab Elevations South Approach Pavement
6	Top of Slab Elevations North Approach Pavement
7	Superstructure
8 & 9	Superstructure Details
10 & 11	South Approach Slab Details
12 & 13	North Approach Slab Details
14	Aluminum Railing, Type L
15	Preformed Joint Strip Seal Details
16	Structural Steel Details
17	Steel Repair Details
18	South Abutment Bearing Details
19	North Abutment Bearing Details
20	South Abutment Concrete Removal
21	South Abutment Details
22	North Abutment Concrete Removal
23	North Abutment Details
24	Drainage Scupper Details
25	Bar Splicer Assembly
26	Braces for Standard Construction

HICKORY CREEK REBUILT 2011 BY JOLIET TOWNSHIP WILL COUNTY TR 851 STATION 9+97.55 SECTION 07-10117-00-BR LOADING HL-93 STRUCTURE NO. 099-3290

NAME PLATE
(See Std. 515001)

Attach new name plate at south end of east parapet. Clean and relocate existing name plate adjacent to new name plate. Cost included with name plates.

Note:
For Bill of Materials and General Notes See sheet 2 of 26.

BENJAMIN A. NEEL
Professional Engineer
No. 081-006527
ILLINOIS
Lic. Exp. 11/30/2012

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO LRFD Bridge Design Specifications. This design complies with all requirements of the current AASHTO Guide Specifications for Seismic Design of highway bridges.

Ben A. Neel 10/4/2011
Illinois Structural No. 6527
Expires 11/30/2012

GENERAL PLAN & ELEVATION
JOLIET STREET (TR 851) OVER HICKORY CREEK
SECTION 07-10117-00-BR
WILL COUNTY
STATION 9+97.55
STRUCTURE NO. 099-3290

SHEET NO. 1 26 SHEETS	RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 851	07-10117-00-BR	WILL	36	9
		S.N. 099-3290	CONTRACT NO. 63642		
		FED. ROAD DIST. NO. 7 ILLINOIS	FED. AID PROJECT BRS-		