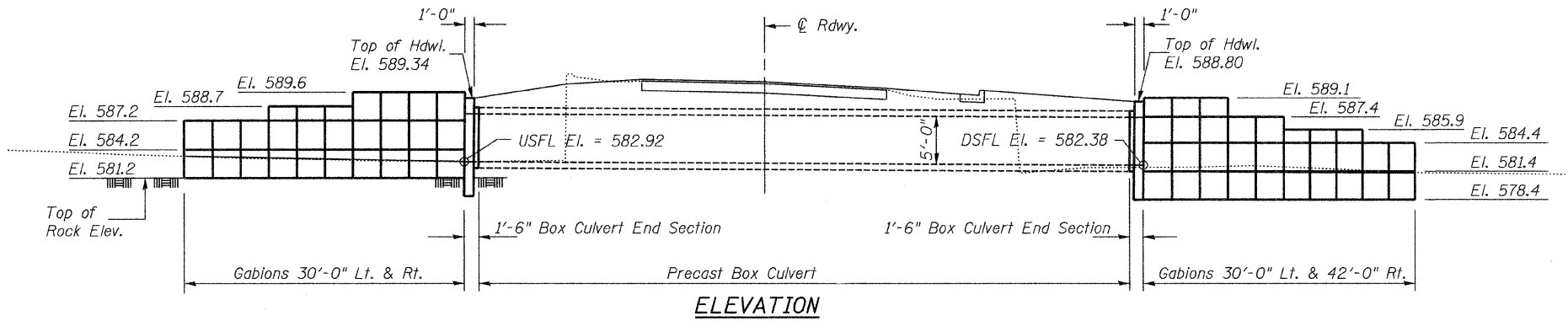
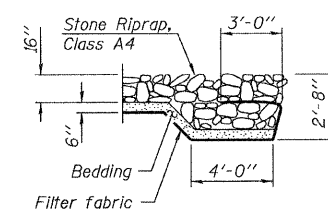


GENERAL NOTES

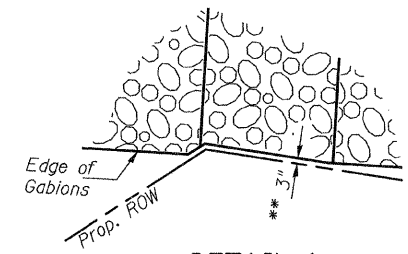
This work shall be done according to the applicable portion of 284, 503 and 508 of the Standard Specifications.
 Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
 Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
 Filter fabric shall be placed underneath and on the back face of the gabion walls.
 Exposed edges shall be beveled 3/4"



ELEVATION



SECTION K-K



DETAIL A

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	260.0
Rock Excavation	Cu. Yd.	2.0
Stone Riprap, Class A4	Sq. yd.	147.0
Filter Fabric	Sq. yd.	470.0
Removal of Existing Structure	Each	1
Box Culvert End Sections, Culvert No. 1	Each	2
Gabions	Cu. Yd.	288.0

DESIGN STRESSES

FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

DESIGN SPECIFICATIONS

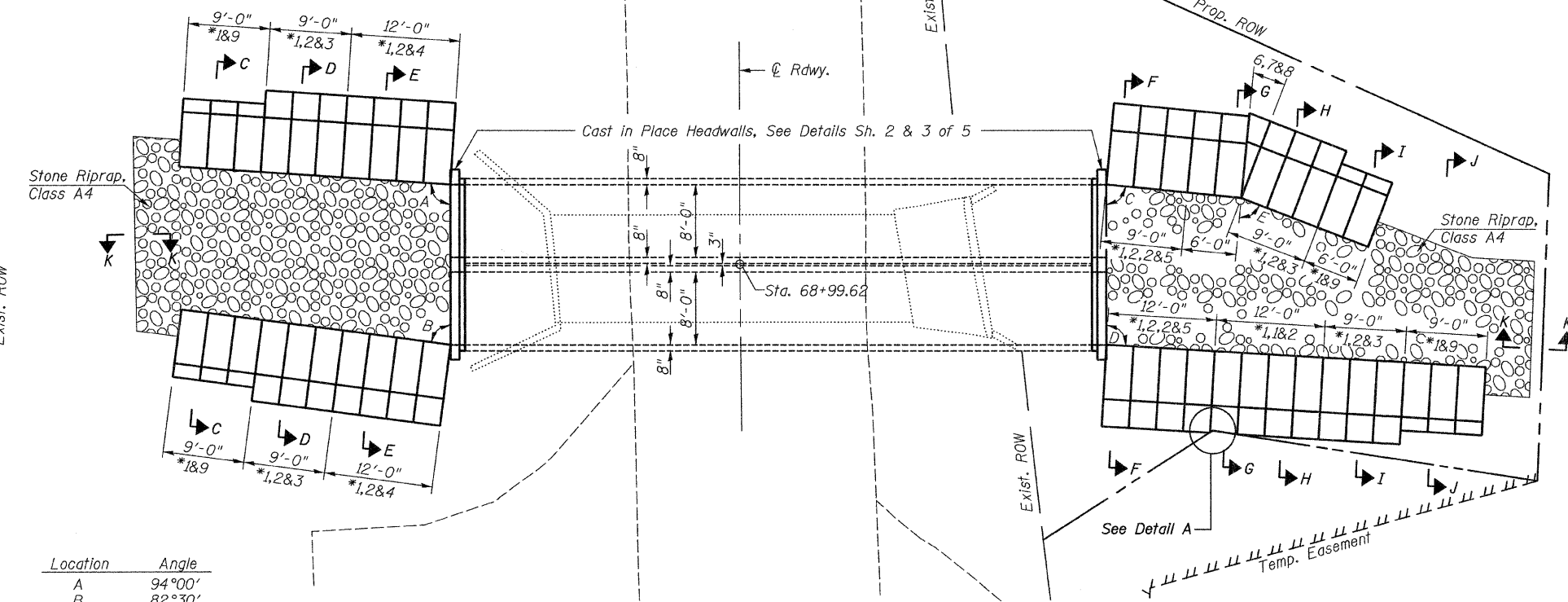
2007 AASHTO LRFD Bridge Design Specifications with 2008 and 2009 Interims

LOADING HL-93

Allow 50#/Sq. Ft. For future wearing surface.

INDEX OF SHEETS

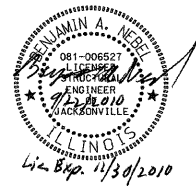
- 1 - General Plan & Elevation
- 2-3 - Box Culvert End Section Details
- 4 - Gabion Wall Details
- 5 - Bar Splicer Assembly Details



PLAN

* Gabions, See Sheet 4 of 5 for Details

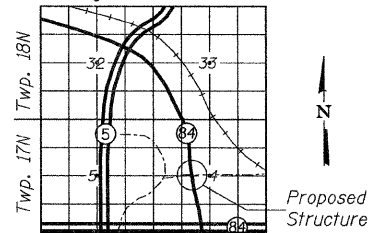
Location	Angle
A	94°00'
B	82°30'
C	84°30'
D	93°30'
E	74°30'



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.

Benjamin A. Neel 11/30/2010
 Illinois Structural No. 6527
 Expires 11/30/2010

LOCATION SKETCH



GENERAL PLAN & ELEVATION
IL. RTE. 84 OVER UNNAMED CREEK
F.A.S. RTE. 5857 - SEC. 1R-T
ROCK ISLAND COUNTY
STATION 68+99.62

DESIGNED - BAN	EXAMINED _____	DATE - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT END SECTION & GABION WALL DETAILS	F.A.S. RTE. 5857	SECTION 1R-T	COUNTY ROCK ISLAND	TOTAL SHEETS 25	SHEET NO. 12	
CHECKED - _____	ENGINEER OF BRIDGE DESIGN				CONTRACT NO. 64E31		ILLINOIS FED. AID PROJECT			
DRAWN - TAC	PASSED _____									
CHECKED - _____	ENGINEER OF BRIDGES AND STRUCTURES									