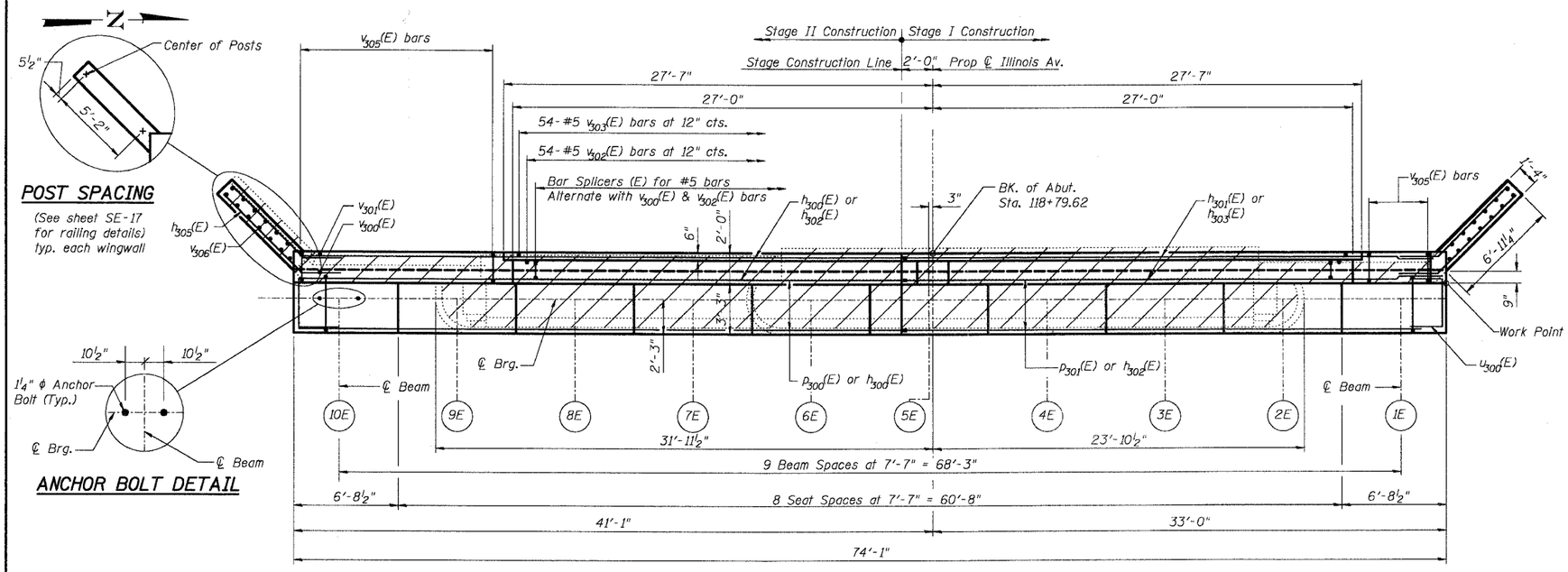
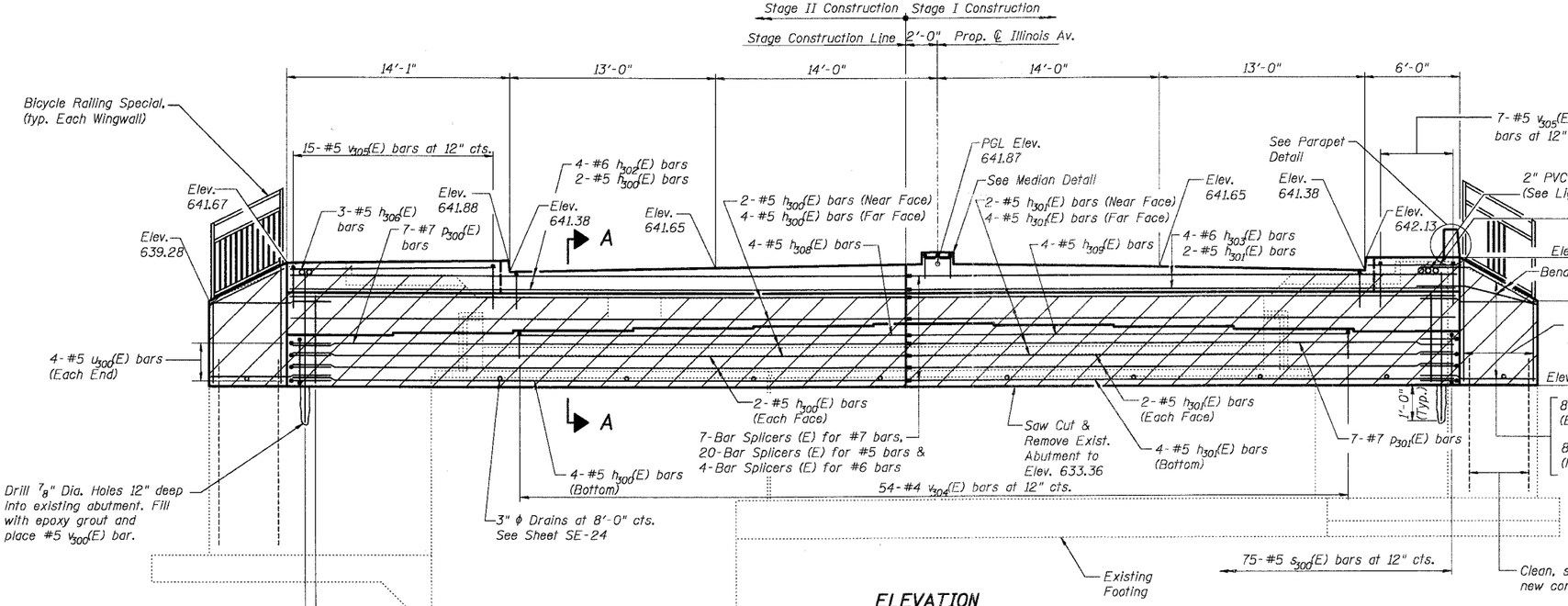
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1517	03-00247-00-BR	KANE	121	106
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

CONTRACT #83867

SHEET NO. SE-23
SE-27 SHEETS



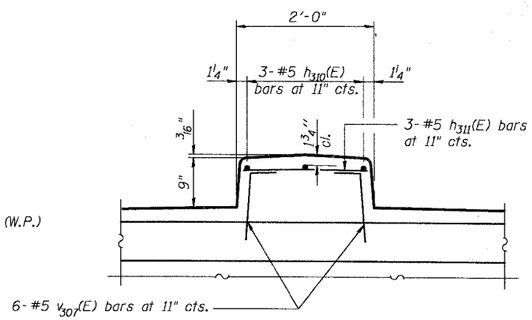
TOP PLAN



ELEVATION
Looking West

BEAM SEAT ELEVATION TABLE

Beam #	1E	2E	3E	4E	5E	6E	7E	8E	9E	10E
Seat Elevation	637.65	637.80	637.96	638.09	638.20	638.08	637.95	637.79	637.64	637.48



MEDIAN DETAIL

NOTES:

Work this sheet with sheet SE-24.

Space reinforcement in abutment seat to miss anchor bolts.

Contractor to field verify dimensions of existing abutment and wingwalls.

Existing reinforcement extending into removal area shall be cleaned, straightened and incorporated into the new construction. Cost included in pay item "Concrete Removal".

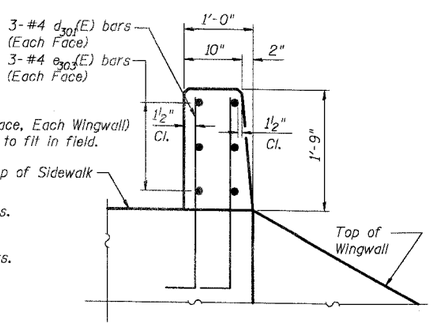
Drill and epoxy grout #5 v_{300}(E) bars in drilled holes with a minimum depth of 12" according to to Article 584 of the Standard Specs.

Pour steps monolithically with abutment cap. All edges shall have standard ¾" chamfers except as noted.

All elevations given at back of abutment unless noted otherwise.

See Sheet SE-24 for Section A-A.

See Sheet SE-17 for Bicycle Railing, Special details.



PARAPET DETAIL

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS
www.smithengineering.com
2746111 awalker@thesmithengineering.com

REVISIONS	
NAME	DATE

CITY OF AURORA

WEST ABUTMENT PLAN AND ELEVATION
ILLINOIS AVENUE
OVER THE FOX RIVER
SECTION NO. 03-00247-00-BR
KANE COUNTY
STRUCTURE NO. 045-6008

DATE 7-28-2006

COMPANY NAME: SEC, INC.
PROJECT: (DESCRIPTION)
CLIENT: (CITY OF AURORA)
DATE: 8/2/2006 3:03:54 PM
FILE NAME: c:\projects\2006\06008\aurora bridges\city of aurora\sheet bridges\abut\06008-SE23-SE26.dgn
APPROJECT.CONTRACT