

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59		WILL	608	374
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• (26, 26HB-1 & 114) R-2				
CONTRACT NO. 60363				

BENCHMARKS:

TBM#5 Square cut on the top of retaining wall near DuPage River Bridge on east side of IL 59 and +/- 34' south of south abutment. El. 582.06.

SALVAGE:

None.

STAGING:

Traffic to be maintained utilizing stage construction.

DESIGN SPECIFICATIONS:

2002 AASHTO Standard Specifications for Highway Bridges

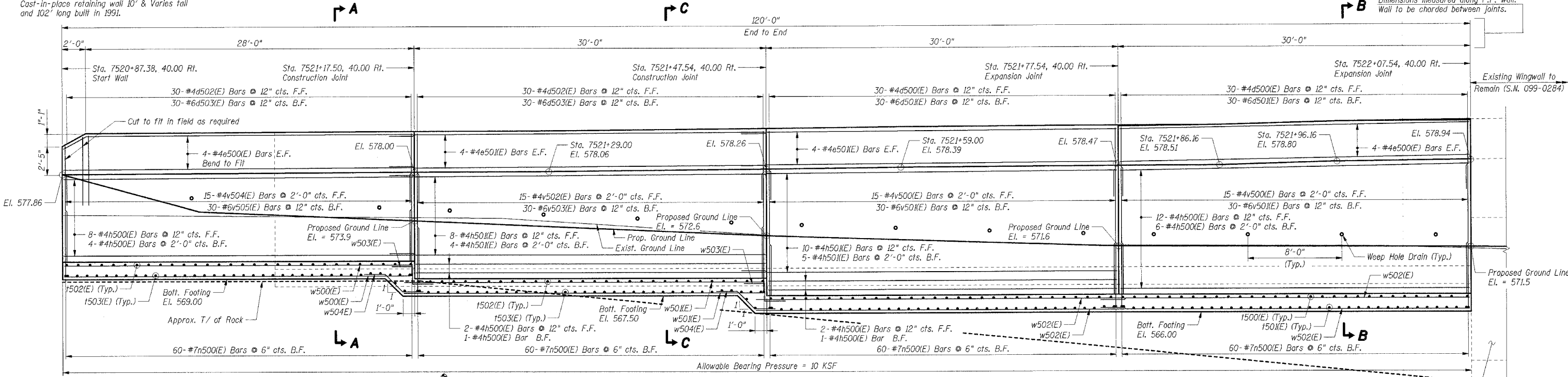
DESIGN STRESSES:

Concrete, f'c = 3,500 psi
Reinforcement, fy = 60,000 psi

EXISTING STRUCTURE:

Cast-in-place retaining wall 10' & Varies tall and 102' long built in 1991.

Dimensions measured along F.F. wall. Wall to be chorded between joints.



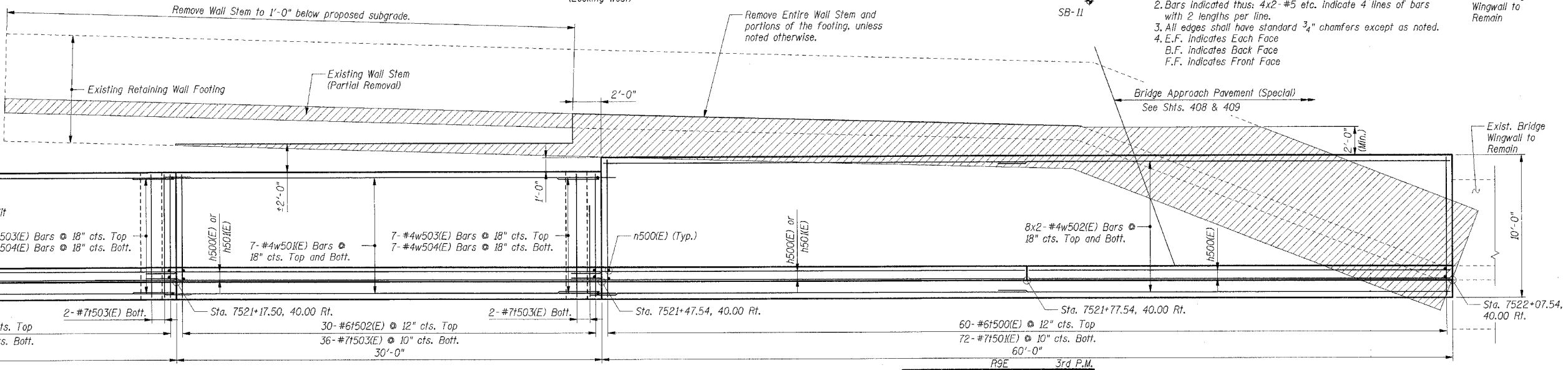
EAST WALL ELEVATION
(Looking West)

Notes:
When footing extends into bedrock, the bottom of the footing shall be constructed to the elevation shown, and cast against the existing rock without the use of formwork.

Notes:
1. Work this Sheet with Shts. RWA-2 & RWA-3.
2. Bars indicated thus: 4x2-#5 etc. indicate 4 lines of bars with 2 lengths per line.
3. All edges shall have standard 3/4" chamfers except as noted.
4. E.F. indicates Each Face
B.F. indicates Back Face
F.F. indicates Front Face

Bar	Min. Lap
#4	1'-8"
#6	2'-7"

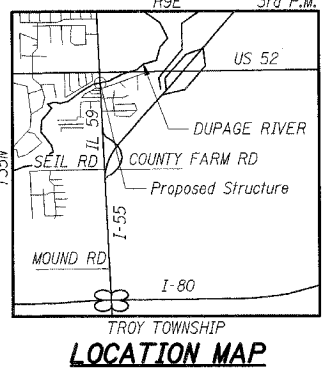
MIN. LAP TABLE



PLAN

TOTAL BILL OF MATERIAL

Item	Unit	Total
Porous Granular Embankment (Special)	Cu Yd	63
Concrete Removal	Cu Yd	54.4
Structure Excavation	Cu Yd	254
Rock Excavation for Structures	Cu Yd	10.0
Concrete Structures	Cu Yd	121.4
Protective Coat	Sq Yd	56
Rustication Finish	Sq. Ft.	1,169
Reinforcement Bars, Epoxy Coated	Lbs	14,440
Geocomposite Wall Drain	Sq. Yd.	48

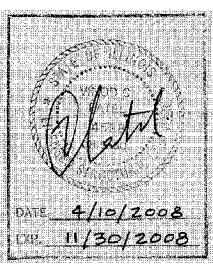
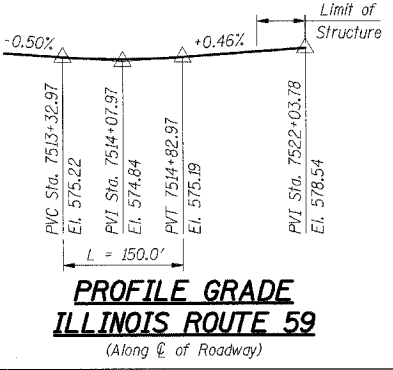


LEGEND

SB-0 Soil Boring Location
Concrete Removal

GENERAL NOTES:

1. Reinforcement Bars shall conform to the requirements of ASTM A 706 Gr 60 (LL Modified). See Special Provisions.
2. Reinforcement Bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.



SHT. RWA-1 OF RWA-3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
IL ROUTE 59 RETAINING WALL
SECTION (26, 26HB-1 & 114) R-2
STRUCTURE NUMBER 099-W008
STATION 7520+87 TO STATION 7522+08, WILL COUNTY
PLAN AND ELEVATION

DATE: 03/14/08
DRAWN BY: TMH
CHECKED BY: CCE



TENG & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
200 N. MICHIGAN, 3RD FLOOR CHICAGO, IL 60601
TELEPHONE: 312.555.5000