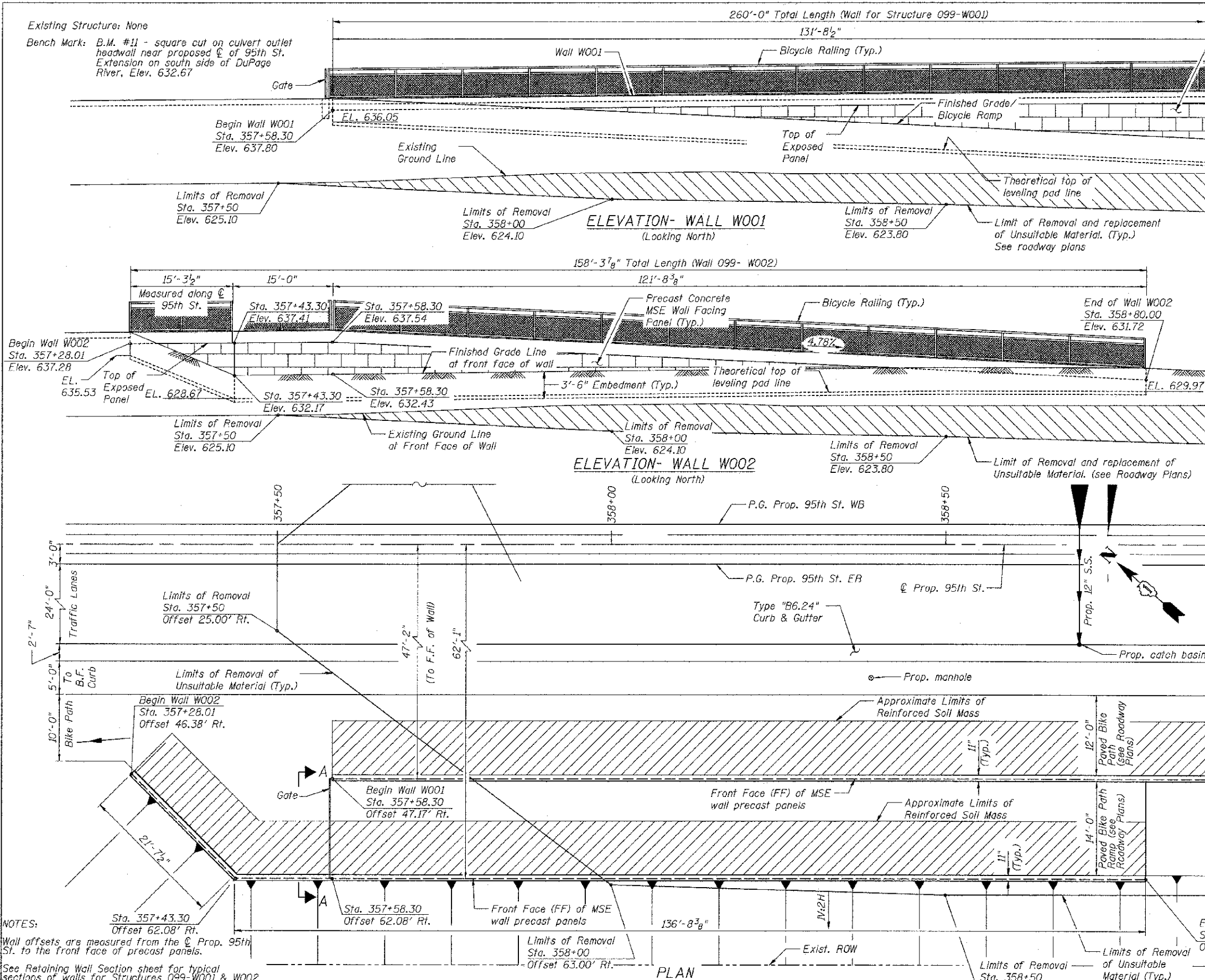


Existing Structure: None
 Bench Mark: B.M. #11 - square cut on culvert outlet headwall near proposed E of 95th St. Extension on south side of DuPage River, Elev. 632.67



NOTES:
 Wall offsets are measured from the E of Prop. 95th St. to the front face of precast panels.
 See Retaining Wall Section sheet for typical sections of walls for Structures 099-W001 & W002
 See Retaining Wall Details 2 sheet for Section A-A

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4938

DESIGNED - STB	REVISIONS
CHECKED - NPP	REVISIONS
DRAWN - NPP	REVISIONS
CHECKED - NPP	REVISIONS

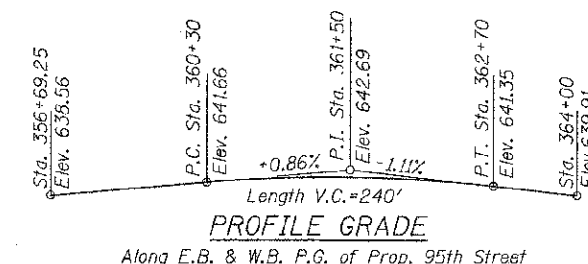
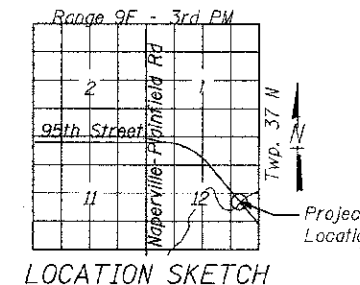
DESIGN SPECIFICATIONS
 2010 AASHTO LRFD Bridge Design Specifications (5th Edition)

DESIGN STRESSES
 FIELD UNITS
 f_c = 3,500 psi
 f_c = 4,500 psi (Precast Elements)
 f_y = 60,000 psi (reinforcement)
 f_y = 50,000 psi (M270, Grade 50)

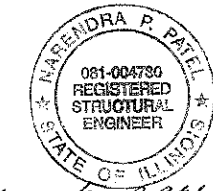
TOTAL BILL OF MATERIAL

Item	Unit	Estimated Quantity
Concrete Superstructure	Cu Yd	113
Reinforcement Bars, Epoxy Coated	Pound	16,650
Bicycle Railing	Foot	420
Mechanically Stabilized Earth Retaining Wall	Sq Ft	3,646
Gate, Special	Each	1

LEGEND
 [Hatched Area] Indicates removal and replacement of unsuitable material (see Roadway Plans)



- INDEX OF SHEETS**
- Retaining Wall Plan & Elevation 1
 - Retaining Wall Plan & Elevation 2
 - Retaining Wall Sections
 - Retaining Wall Details 1
 - Retaining Wall Details 2



Signature: *Narendra Patel*
 Current Date: October 19, 2012
 License Expires: November 30, 2014

I certify that to the best of my knowledge, information and belief, this retaining wall 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 the requirements of the current "AASHTO Standard Specifications for Highway Bridges".

RETAINING WALL PLAN & ELEVATION 1
 F.A.U. RTE. 1644
 SEC. 01-00181-00-FP
 WILL COUNTY
 STATION 357+28.01 TO 360+18.30
 STRUCTURE NOS. 099-W001 & W002

F.A.U. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS 328	SHEET NO. 197
CONTRACT NO. 63647				