

Bench Mark: BM #224 4059+52, 34' LT
 DuPage County survey disk at north end of the west bridge wall,
 IL Rte 59 over Interstate Route 88, Elev. 731.43

Existing Structure: None

INDEX OF DRAWINGS

SHT NO.	TITLE
SC-01	General Plan and Elevation
SC-02	Total Bill of Material & Miscellaneous Details
SC-03	Plan & Elevation - Panels A & B
SC-04	Plan & Elevation - Panels C & D
SC-05	Plan & Elevation - Panels E, F & G
SC-06	Wall Sections and Details
SC-07	Architectural Finish and Joint Details
SC-08	Pile Splice Details
SC-09	Soil Boring Logs
SC-10	Soil Boring Logs

CURVE DATA

Curve 59INTNB-2	Curve 59INTNB-3
$\Delta = 2^\circ 52' 51''$ (LT)	$\Delta = 20^\circ 56' 44''$ (LT)
$D = 0^\circ 43' 15''$	$D = 17^\circ 09' 16''$
$R = 7,947.84'$	$R = 334.00'$
$T = 199.84'$	$T = 61.74'$
$L = 399.60'$	$L = 122.10'$
$E = 2.51'$	$E = 5.66'$
SE = Normal Crown	SE = Normal Crown
PC STA. 910+05.72	PC STA. 914+05.32
PT STA. 914+05.32	PT STA. 915+27.42
PI STA. 912+05.56	PI STA. 914+67.06

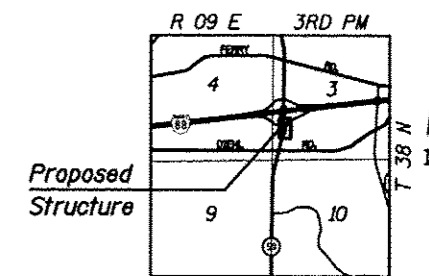
Wall W064
 (Offsets from NB IL Rte. 59 to F.F. of wall)

POT	Station	Offset (Rt.)	From
POT "A"	Sta. 0+00.00	-	Wall W064
POT "B"	Sta. 2+11.67	76.47'	NB IL Rte. 59
POT "C"	Sta. 912+99.17	98.36'	NB IL Rte. 59
POT "D"	Sta. 3+40.50	89.45'	NB IL Rte. 59
POT "E"	Sta. 914+50.66	113.55'	NB IL Rte. 59
POT "E"	Sta. 914+66.86	156.40'	NB IL Rte. 59

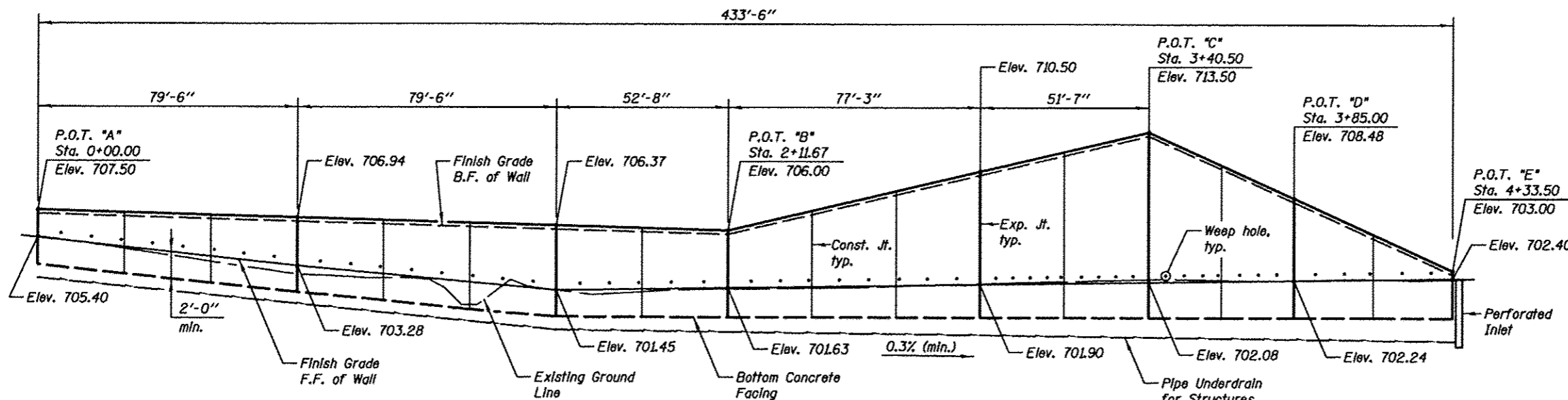
DESIGN STRESSES

FIELD UNITS

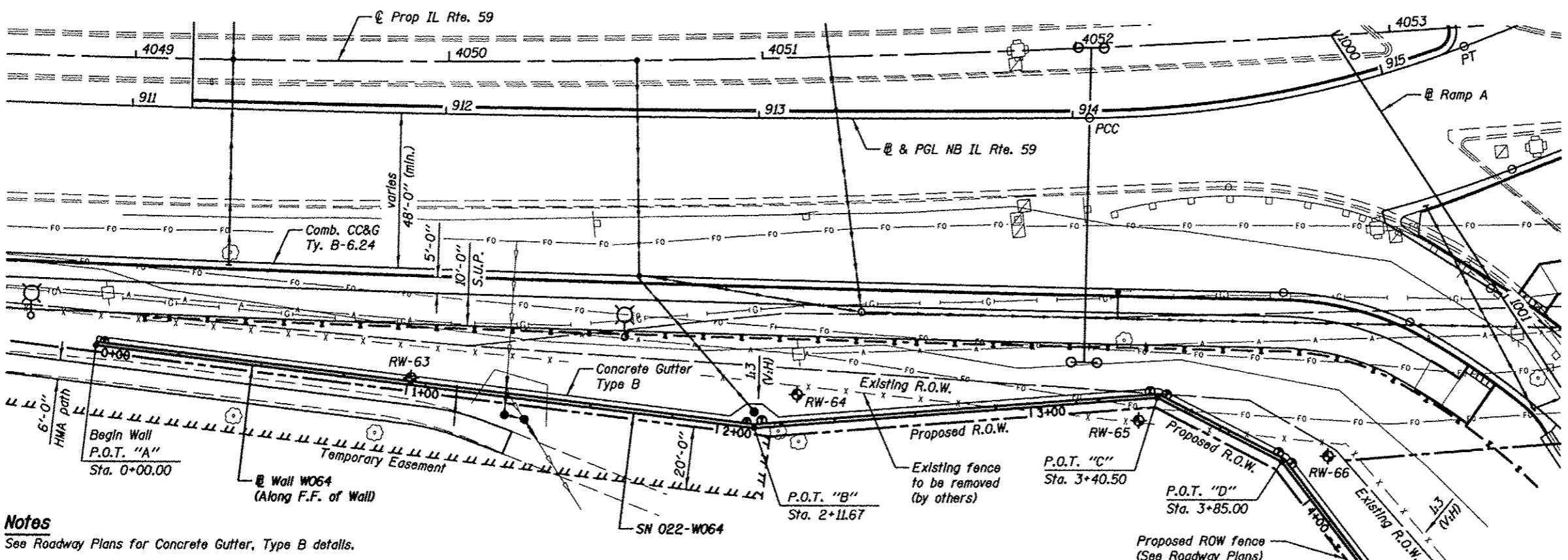
$f_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 50,000$ psi (AASHTO M270 Gr. 50)



GENERAL PLAN AND ELEVATION
 ILLINOIS ROUTE 59 F.A.P. RTE. 338
 SEC. (112 & 113) WRS-5
 DUPAGE COUNTY
 STA. 4048+90 TO STA. 4052+85
 STRUCTURE NO. 022-W064



ELEVATION



PLAN

APPROVED
 For Structural Adequacy Only

Legend

- ◆ Soil Borings
- F.F. Front Face
- B.F. Back Face
- S.U.P. Shared Use Path

S. Carl Dwyer
 Engineer of Bridges & Structures



Expires 11-30-2012

Date: 10/15/2012

for drawings SC-01 thru SC-10

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
 6th Edition, with 2012 Interim Revisions

Notes

See Roadway Plans for Concrete Gutter, Type B details.

See Roadway Drainage Plans for Drainage Structure Locations.

Existing utilities, including gas, fiber optic and electric aerial lines to be adjusted or relocated as required.

Piles may need to be spliced to avoid existing or relocated aerial lines. See Sheet SC-08 for pile splice detail. Cost of pile splicing shall be included in the cost of Furnishing Solder Piles.



DESIGNED	TB
CHECKED	WPM
DRAWN	TB
DATE	10/15/2012

REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
 STRUCTURE NUMBER 022-W064

SHEET NO. SC-01 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	652

CONTRACT NO. 60131

ILLINOIS FED. AID PROJECT