

Benchmark: Cut Cross on bolt for traffic signal at northeast corner of Cumberland Avenue and the ramp from northbound Cumberland to Eastbound I-90. Mark is 40 feet north of centerline of the intersection. Elevation 645.68.
No Salvage.

INDEX OF SHEETS

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- SA-7 Boring Logs 1
- SA-8 Boring Logs 2

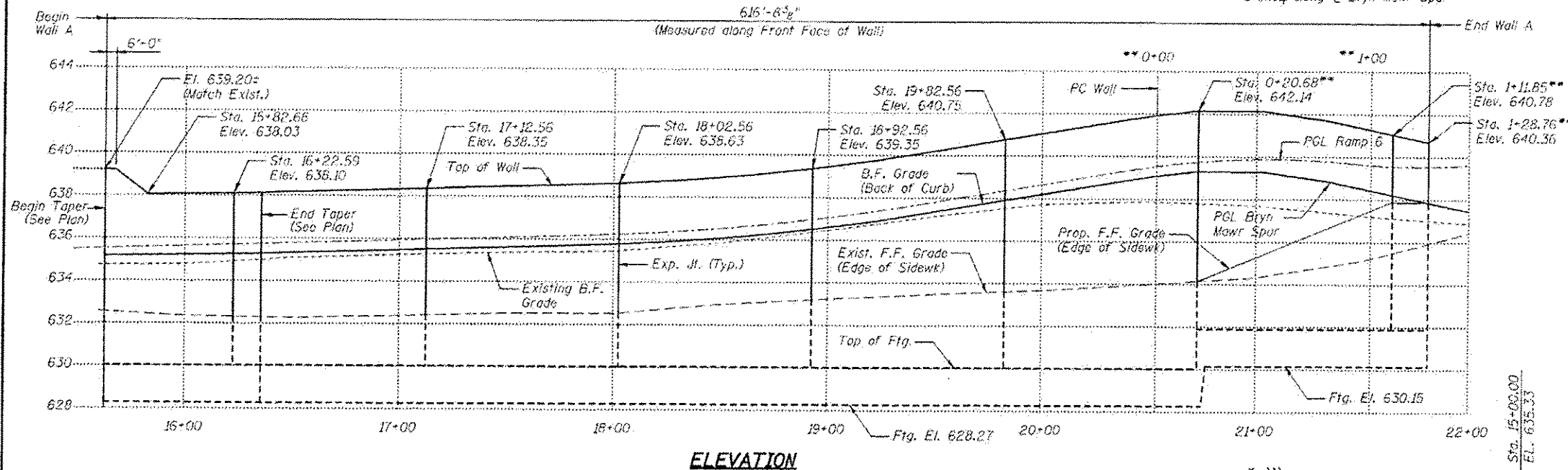
DESIGN SPECIFICATIONS

2010 AASHTO LRFD Bridge Design Specifications, 5th Ed.
with 2010 Interims

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

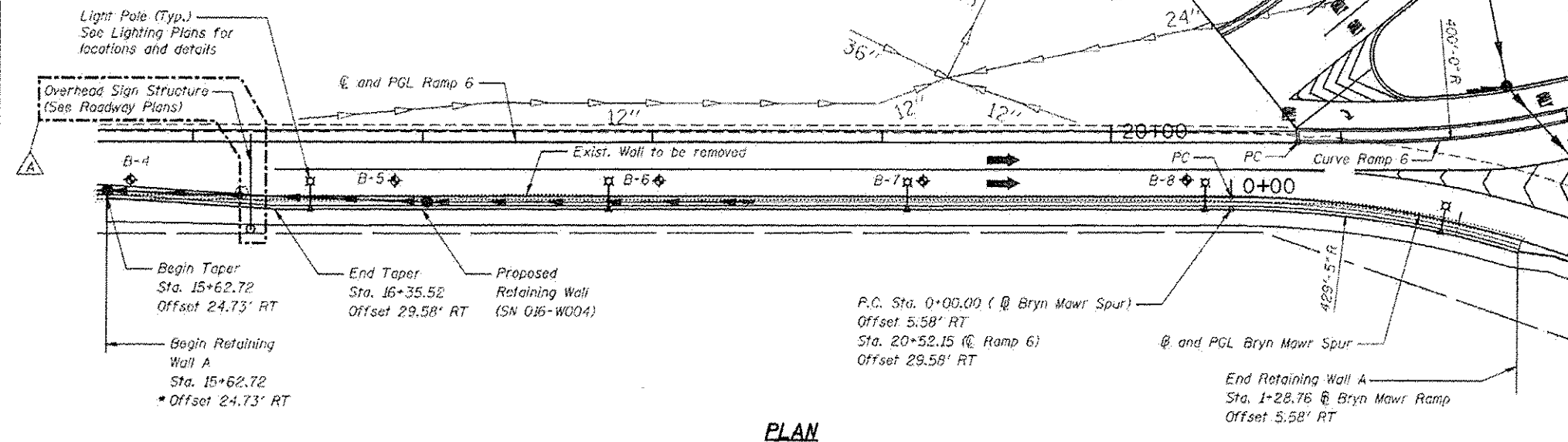


LEGEND

- ◆ Soil Boring
- F.F. Front Face of Wall
- B.F. Back Face of Wall

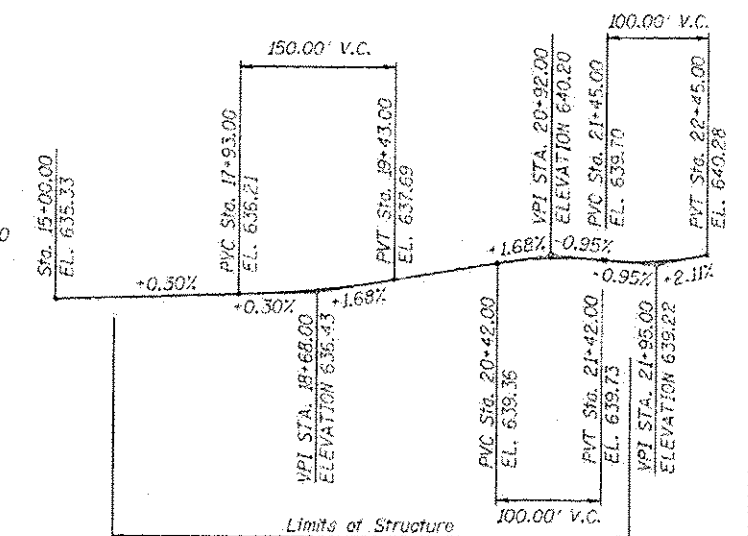
PROP. CURVE RAMP 6	PROP. CURVE BRYN MAWR SPUR
PI STA. = 21+86.97	PI STA. = 1+93.02
$\Delta = 20^\circ 51' 00''$ (LT)	$\Delta = 47^\circ 51' 25''$ (RT)
$D = 14^\circ 19' 26''$	$D = 13^\circ 10' 17''$
$R = 400.00'$	$R = 435.00'$
$T = 73.59'$	$T = 193.02'$
$L = 145.56'$	$L = 363.34'$
$E = 6.71'$	$E = 40.90'$
P.C. STA. = 21+13.38	P.C. STA. = 0+00.00
P.T. STA. = 22+58.94	P.T. STA. = 3+63.34

HORIZONTAL CURVE DATA

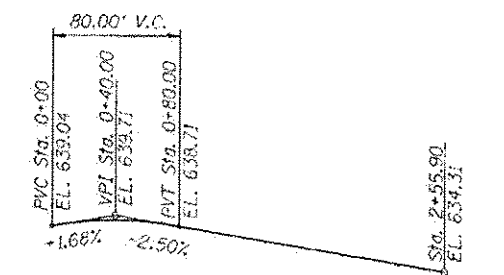


PLAN

* All offsets are to the front face of wall.



PROFILE GRADE OF RAMP 6



PROFILE GRADE OF BRYN MAWR SPUR

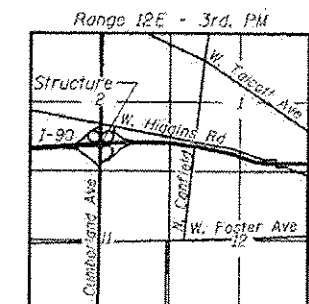
PATRICK ENGINEERING, INC.



ATALAY YARGICOGLU, S.E.
081-005358

EXP 11/30/2014

DATE 2/18/2013



LOCATION SKETCH

	USER NAME DESIGNED - AY DRAWN - AY CHECKED - AD DATE - 2/18/2013 REVISED - 04/01/2013 AY REVISED REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION RETAINING WALL A STRUCTURE NO. 016-W004 SCALE: NONE SHEET NO. SA1 OF SA8 SHEETS	F.A.U. RTE. 2746 SECTION 16000 COUNTY COOK TOTAL SHEET NO. 404 328 CONTRACT NO. 60J14 (ILLINOIS) FED. AID PROJECT