

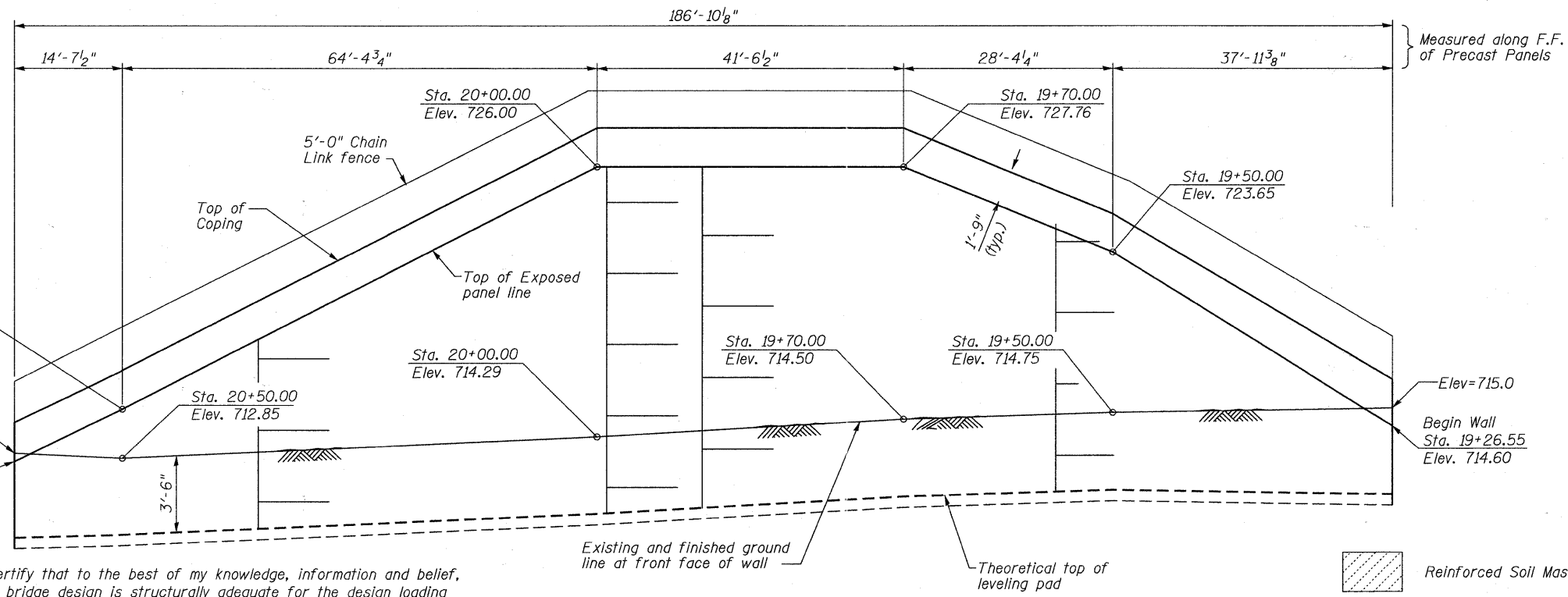
Bench Mark: - Brass disk, DuPage County, West side of Grace Street beyond sidewalk. Approx. 180' South of Prairie Ave. Elev. 712.12

Existing Structure: None

CURVE GWT CL REV-2
 PI STA. = 19+65.57
 $\Delta = 81^\circ 48' 51''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 86.64'$
 $L = 142.79'$
 $E = 32.31'$
 P.C. STA. = 18+78.92
 P.T. STA. = 20+21.72

CURVE DATA

Sta. 20+50.00
 Elev. 716.01
 Elev=713.0
 End Wall
 Sta. 20+63.24
 Elev. 712.6



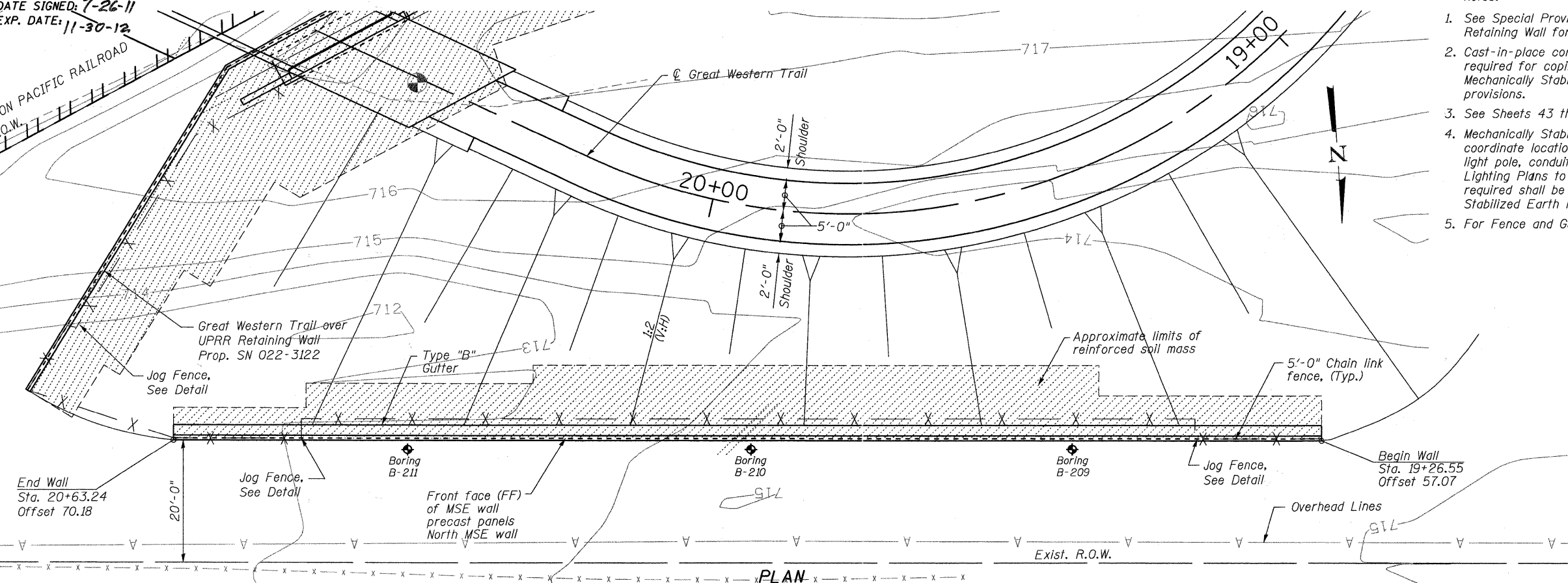
ELEVATION
 (Looking @ Front Face of Wall)

I certify that to the best of my knowledge, information and belief, this bridge 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 requirements of the current "AASHTO LRFD Bridge Design Specifications."



DATE SIGNED: 7-26-11
 EXP. DATE: 11-30-12

FILE NAME = s:\756-004.lombard - gwt bridges phase 1\cadd sheets\structural\North MSE Wall\756-004_001 MSE Wall Plan Elevation.dgn



PLAN

DESIGN STRESSES

FIELD UNITS

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

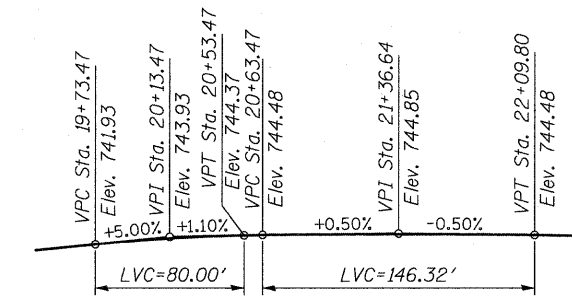
PRECAST UNITS

$f'_c = 4,500$ psi (Precast Panels)

DESIGN SPECIFICATIONS

2007 AASHTO LRFD Bridge Design Specifications with 2008 & 2009 interims

LOADING H2O



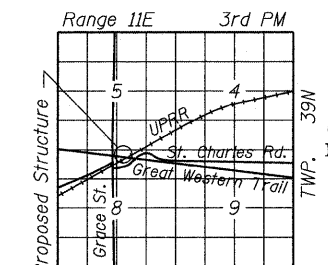
PROFILE GRADE TRAIL

INDEX OF SHEETS

- 1- GENERAL PLAN
- 2- MSE WALL SECTIONS
- 3- BORING LOGS 209 - 211

Notes:

1. See Special Provisions for Mechanically Stabilized Earth Retaining Wall for design and construction requirements.
2. Cast-in-place concrete and reinforcing steel, epoxy coated, required for coping will be included in payment for Mechanically Stabilized Earth Retaining Wall, see Special provisions.
3. See Sheets 43 thru 45 of 201 for fence details.
4. Mechanically Stabilized Earth retaining wall supplier to coordinate location and lengths of soil reinforcement with light pole, conduit, and unit duct locations shown on Lighting Plans to avoid conflicts. Any load transfer system required shall be detailed and shown on Mechanically Stabilized Earth retaining wall Shop Drawings.
5. For Fence and Gutter limits and details, see Roadway Plans.



LOCATION SKETCH

Note: Wall offsets are measured from the @ Trail to the front face of precast panels.

	USER NAME = gonzo	DESIGNED SRT	REVISED -	STATE OF ILLINOIS GREAT WESTERN TRAIL NORTH MSE WALL	GENERAL PLAN STRUCTURE NO. 022-3123 SHEET NO. 1 OF 3 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED JJI	REVISED -			06-00151-00-BR	DuPAGE	201	78	
	PLOT DATE = 7/26/2011	DRAWN GM	REVISED -			CONTRACT NO. 63568		ILLINOIS FED. AID PROJECT		