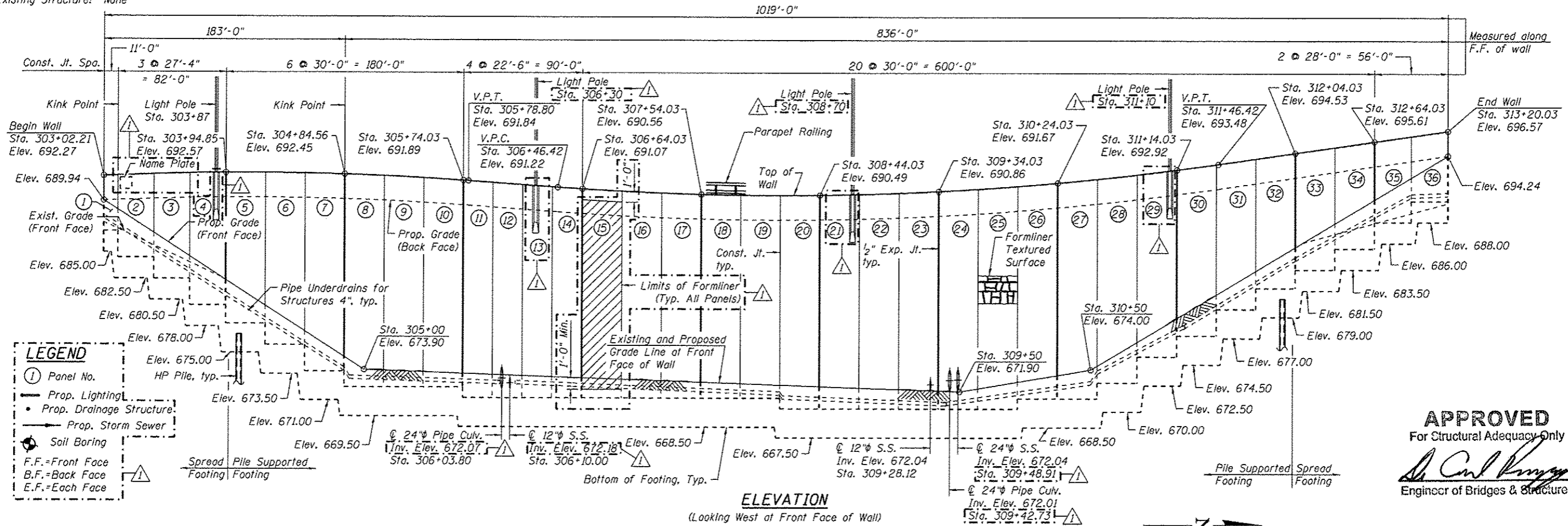
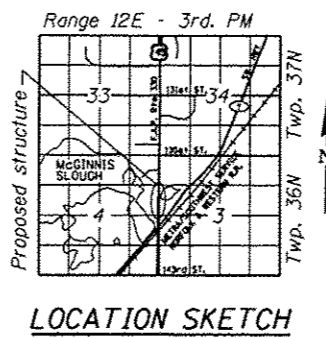
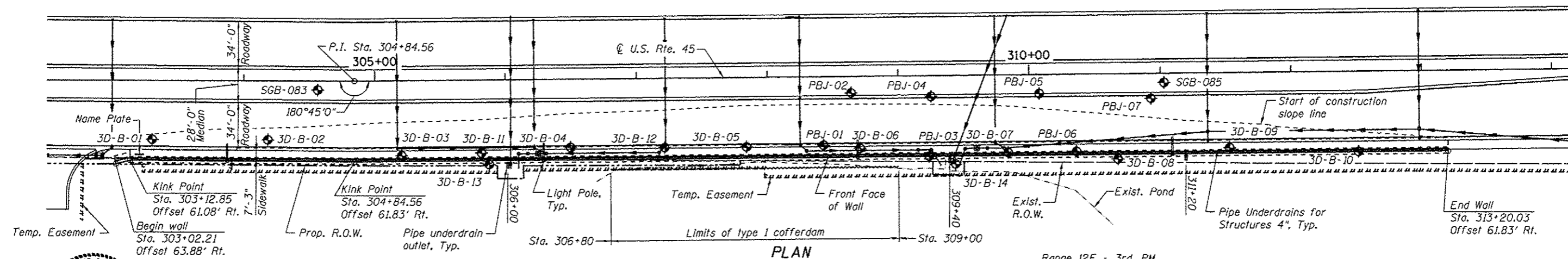


Bench Mark: Elev. 689.00 Top of brass survey monument located at the west edge of the LaGrange Road southbound pavement, 600 feet north of the SouthWest Highway bridge.

Existing Structure: None



**APPROVED**  
For Structural Adequacy Only  
*Dr. Carl Krueger*  
Engineer of Bridges & Structures



**DESIGN STRESSES**  
**FIELD UNITS**  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)  
fy = 50,000 psi (M270 Grade 50)

**DESIGN SPECIFICATIONS**  
2012 AASHTO LRFD Bridge Design Specifications,  
6th Edition, with 2012 Interims

**GENERAL PLAN & ELEVATION**  
**U.S. ROUTE 45 - LAGRANGE ROAD**  
**F.A.P. RTE. 330 SEC. 103R-5**  
**COOK COUNTY**  
**STATION 303+02.21 TO 313+20.03**  
**STRUCTURE NO. 016-2005**

ARSALAN M. KHAN, S.E.  
LICENSE NO.: 081-006258  
EXPIRES: NOVEMBER 30, 2014  
DATE: 04-11-2013

FILE NAME = 0162005-60M62-201-GPE.dgn	USER NAME = arsalan.khan	DESIGNED - PMH	REVISED - 04/12/2013 P.M.H.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 420
		CHECKED - ANK	REVISED -						
		DRAWN - PMH	REVISED -						
		CHECKED - ANK	REVISED -						

SHEET NO. 1 OF 21 SHEETS

CONTRACT NO. GOM62

ILLINOIS FED. AIG PROJECT