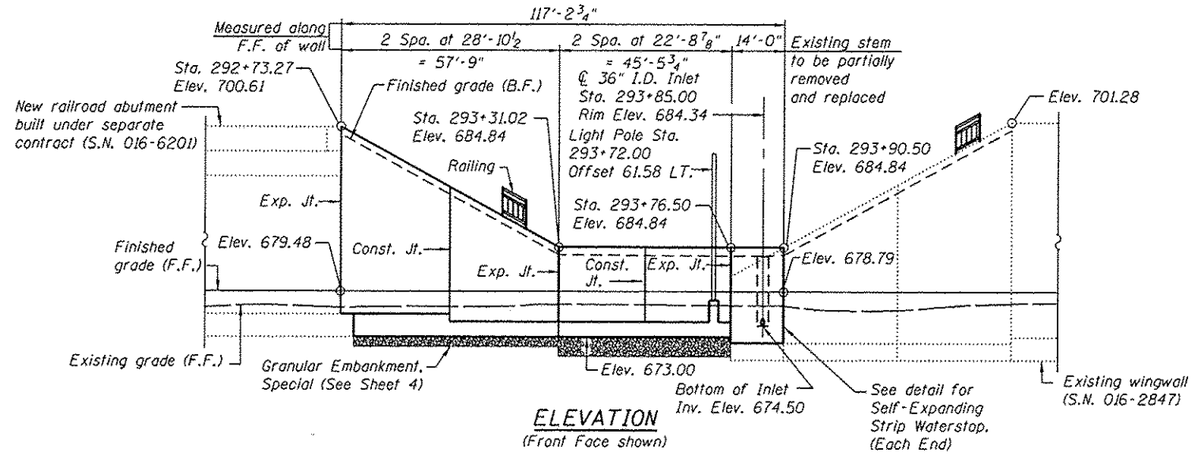
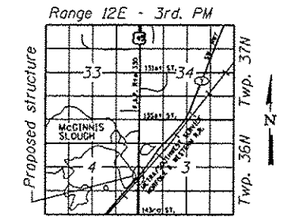
Bench Mark: Elev. 689.00 Top of brass survey monument located at the west edge of the LaGrange Road southbound pavement, 600 feet north of the SouthWest Highway bridge.

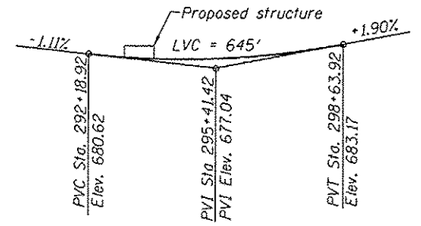
Existing Structure: Existing railroad abutment (S.N. 016-0345) and portion of wingwall (S.N. 016-2847) to be removed.



ELEVATION
(Front Face shown)

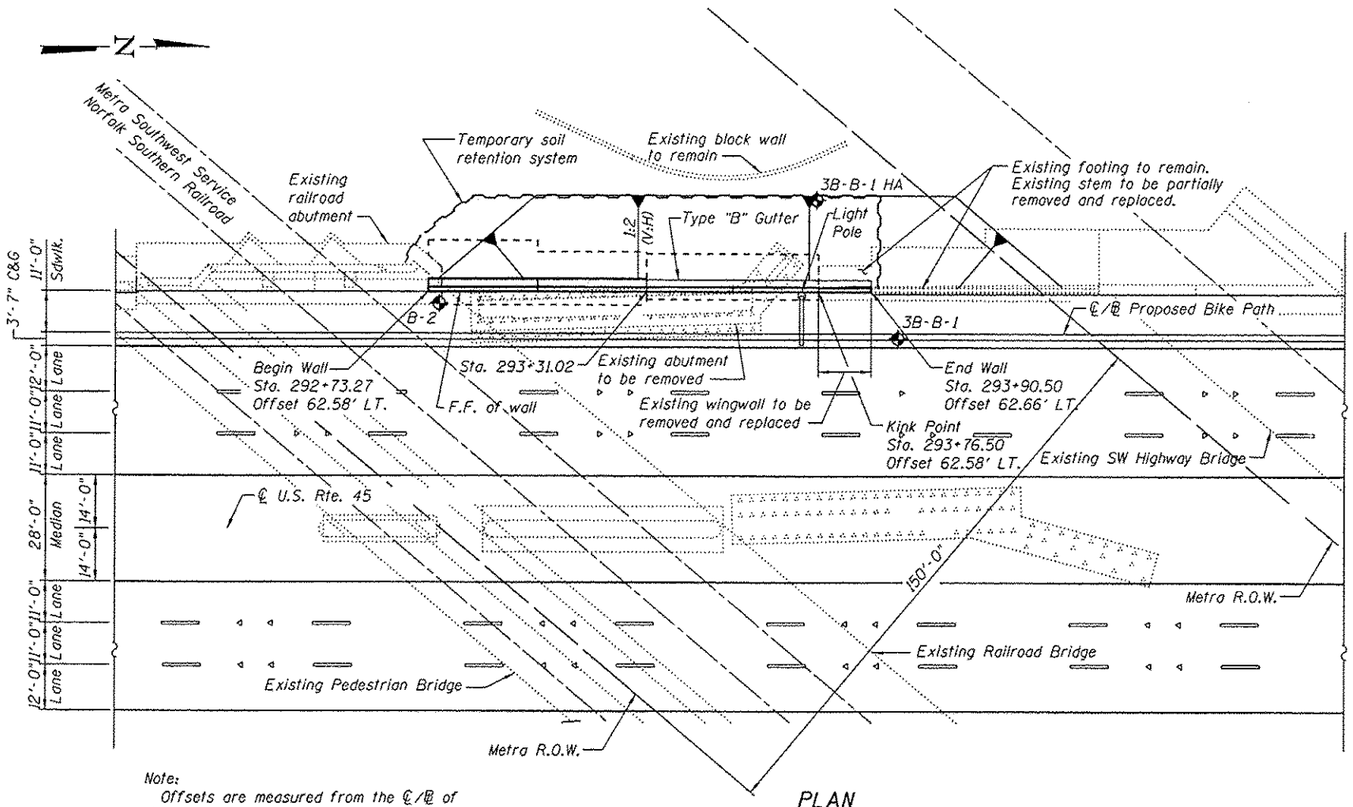


LOCATION SKETCH



PROFILE GRADE - PROPOSED LAGRANGE RD
(along PGL roadway)

APPROVED
For Structural Adequacy Only
Engineer of Bridges & Structures



Note:
Offsets are measured from the ℄/℄ of U.S. Rte 45 to front face of wall.

PLAN

ARSALAN M. KHAN, S.E.
LICENSE NO.: 081-006258
EXPIRES: NOVEMBER 30, 2014
DATE: 03-13-2013

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

DESIGN SPECIFICATIONS
2002 AASHTO Standard Specifications for Highway Bridges

LEGEND
- Prop. Drainage Structure
- Prop. Storm Sewer
- Prop. Lighting
- Soil Boring

F.F.=Front Face
B.F.=Back Face
E.F.=Each Face
I.F.=Inside Face
O.F.=Outside Face

GENERAL PLAN & ELEVATION
U.S. ROUTE 45 - LAGRANGE ROAD
F.A.P. RTE. 330 SEC. 103R-5
COOK COUNTY
STATION 292+73.27 TO 293+90.50
STRUCTURE NO. 016-2003

URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 894-0000
FAX (312) 939-4198

FILE NAME = 0162003-60M62-001-GPE.dgn	USER NAME = Kyle.Pearl	DESIGNED - MJL	REVISED -
		CHECKED - MGB	REVISED -
	PLOT SCALE = 40.0000 ' / in.	DRAWN - PMH/AMV	REVISED -
	PLOT DATE = 3/15/2013	CHECKED - MGB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 7 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	403
		CONTRACT NO. 60M62		
		ILLINOIS FED. AID PROJECT		

2-13-13