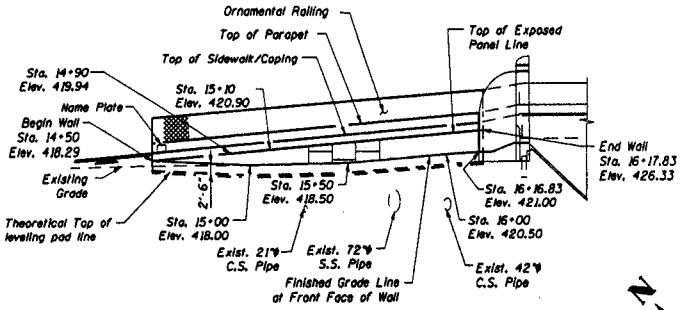
Bench Mark: Cut "x" on Northerly Flange nut Hydrant East side of Exchange Ave. 200' South of 7th St. El. 419.80

Exsiting Structure: None

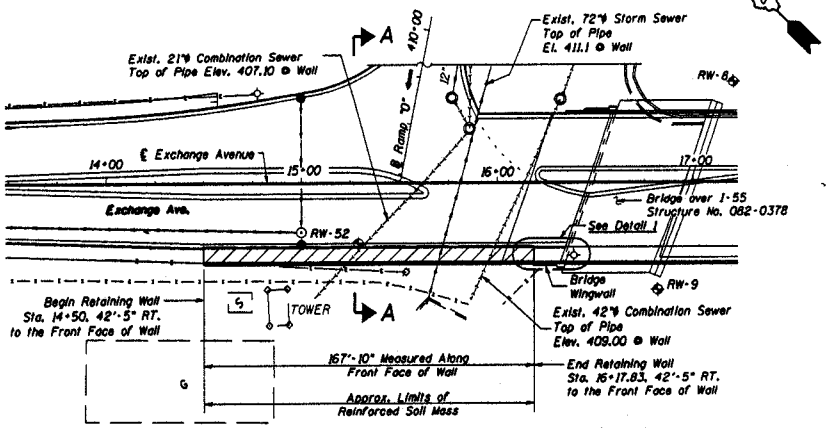
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L & L F.A. I-55	81-2.82R	ST. CLAIR		
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 1
1 SHEETS

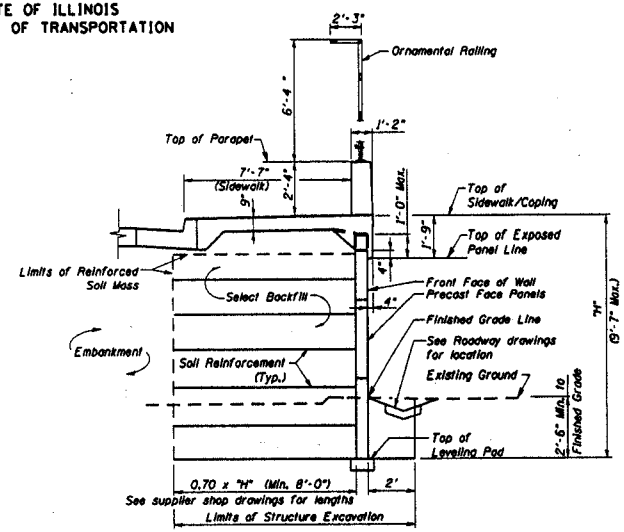


ELEVATION

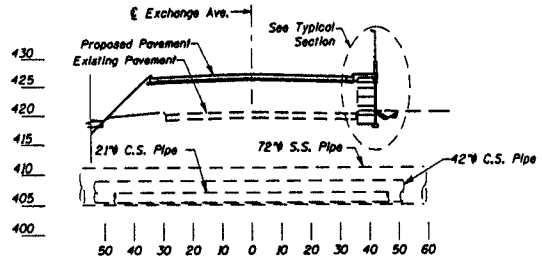


PLAN

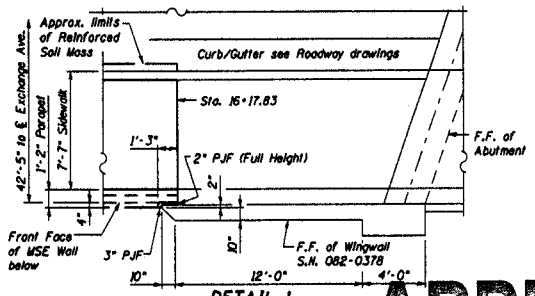
For utility relocation see Civil drawings.



TYPICAL SECTION



SECTION A-A



DETAIL 1

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges

DESIGN STRESSES

Field Units
f'c 3,500 psi
f'c 4,000 psi (Precast Panels)
fy 60,000 psi (Reinf.)

HIGHWAY CLASSIFICATION

Exchange Ave.
Class: Local
DHV: 303 (2020)
ADT: 3,030 (2020)
ADTT: 150 (2020)
Design Speed: 30 mph
Posted Speed: 30 mph

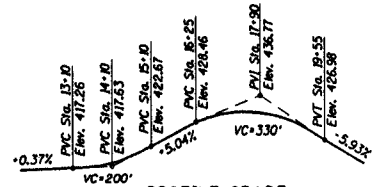
F.A. Route I-55
Class: Interstate
DHV: 4,625 (2020)
ADT: 57,370 (2020)
ADTT: 1,720 (2020)
Design speed: 60 mph
Posted speed: 55 mph

LEGEND

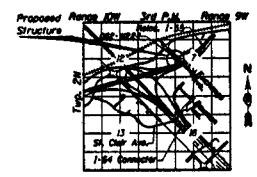
- Soil Boring
- Proposed Manhole
- Proposed Catch Basin
- Existing Fence
- Existing Storm Sewer
- Existing Gas Line
- Proposed Storm Sewer
- Existing Electric Line
- Existing Combination Sewer

Station/Offset Table

℄ Exchange Ave. Station	Offset (RT) to Front Face of MSE wall
Sta. 14+50 to Sta. 16+17.83	42'-5"



PROFILE GRADE
EXCHANGE AVENUE



LOCATION SKETCH

DESIGNED	H.T.
CHECKED	M.R., S.S.J.
DRAWN	B.L.O.
CHECKED	M.R., H.T.

TYPE, SIZE & LOCATION
GENERAL PLAN AND ELEVATION

RETAINING WALL 082-W224
EXCHANGE AVENUE OVER RELOCATED I-55
F.A.I. ROUTE 55 SECTION 81-2.82R
STA. 14+50 TO STA. 16+17.83

Scale: None | Date: August 2003

APPROVED

SEP 09 2003

AS A BASIS FOR
PREPARATION OF DETAILED PLANS

1045_rw224\1045_rw224_T1.sht 08/27/2003 03:40:04 PM Plotted by: jbattis