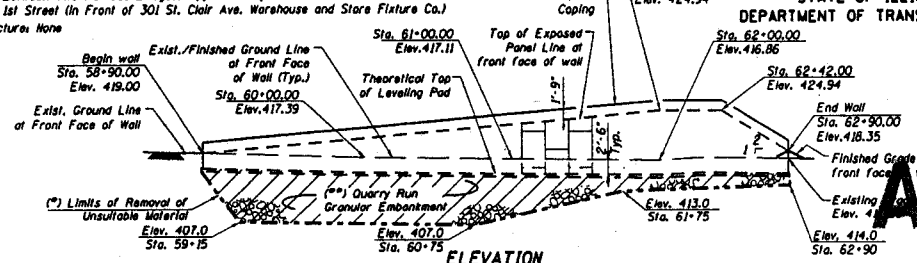
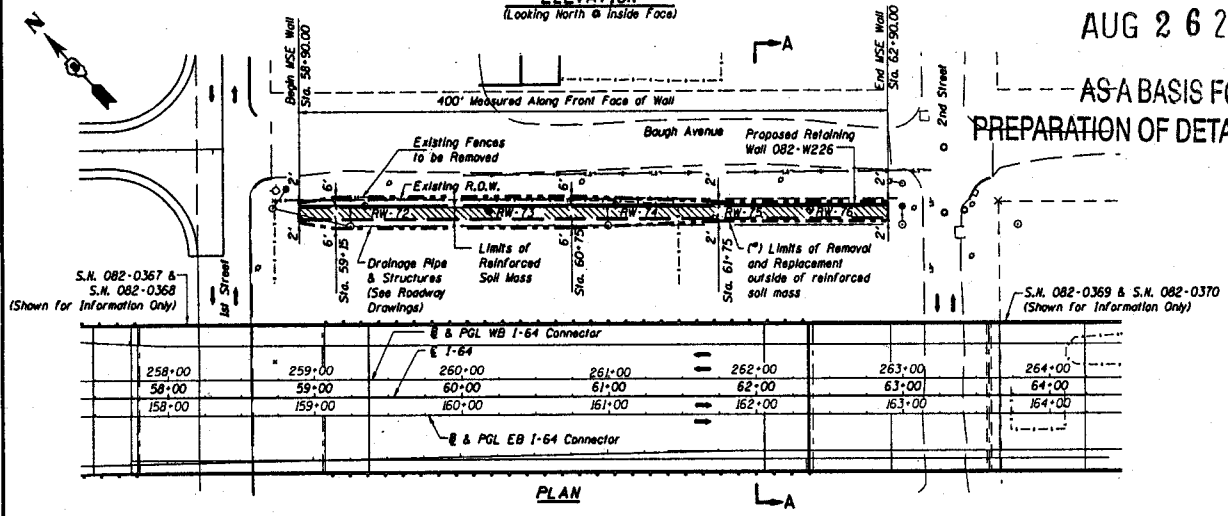
Bench Mark: Elev. 420.78 Set in Concrete Median on the East Side of Route 3 (St. Clair Ave.) Between Two Railroad Bridges. Approximately 0.1 Mile South of 1st Street (In Front of 301 St. Clair Ave. Warehouse and Store Fixture Co.)

Existing Structure: None

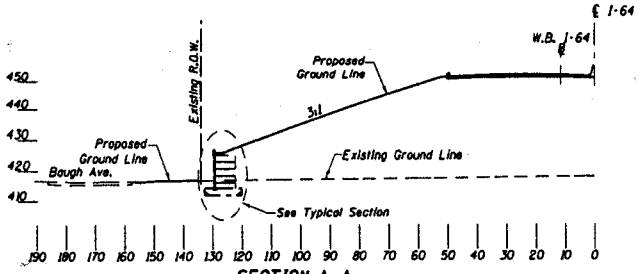
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



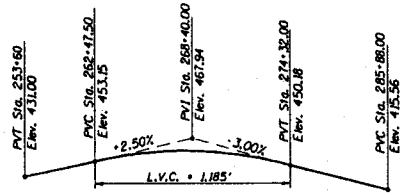
ELEVATION
(Looking North @ Inside Face)



PLAN



SECTION A-A
@ Sta. 62+00



PROFILE GRADE - PROPOSED WEST BOUND I-64 CONNECTOR

- The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.
- ** The gradations and capping of the backfill material used to replace the unsuitable material shall be as specified in the special provision "Quarry Run Granular Embankment".

DESIGNED	H.T.
CHECKED	S.S.J.
DRAWN	J.S./B.I.D.
CHECKED	M.R.

STATION/OFFSET TABLE

℄ of I-64 Station	Offset (LT) to Front Face of wall
Sta. 58+90.00	130'-0"
Sta. 60+00	130'-0"
Sta. 60+50	130'-0"
Sta. 61+00	130'-0"
Sta. 61+50	130'-0"
Sta. 62+00	130'-0"
Sta. 62+50	130'-0"
Sta. 62+90.00	130'-0"

APPROVED
AUG 2 6 2003
AS A BASIS FOR PREPARATION OF DETAILED PLANS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. I-64	81-2,82R	ST. CLAIR		
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 1
1 SHEETS

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges

DESIGN STRESSES

f'c = 3,500 psi
f'c = 4,000 psi (Precast Panels)
fy = 60,000 psi (Reinforcement)

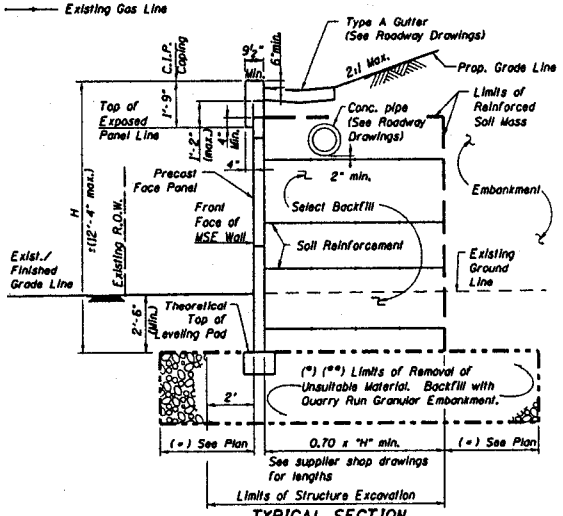
HIGHWAY CLASSIFICATION

F.A. Route I-64 W.B.	F.A. Route I-64 E.B.
Class: Interstate	Class: Interstate
DHV: 3,535 (2020)	DHV: 3,000 (2020)
ADT: NA (2020)	ADT: NA (2020)
ADT: 29,890 (2020)	ADT: 26,750 (2020)
ADTT: 2,989 (2020)	ADTT: 2,675 (2020)
Design Speed: 60 mph	Design Speed: 60 mph
Posted Speed: 55 mph	Posted Speed: 55 mph

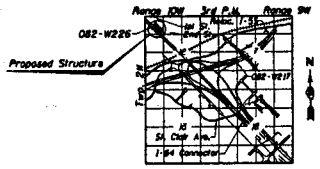
Baugh Ave.
Class: Collector
DHV: 279 (2020)
ADT: NA (2020)
ADT: 3,488 (2020)
ADTT: 349 (2020)
Design Speed: 30 mph
Posted Speed: 30 mph

LEGEND

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



TYPICAL SECTION



LOCATION SKETCH

TYPE, SIZE & LOCATION
GENERAL PLAN

RETAINING WALL 082-W226
ALONG WB I-64 BETWEEN 1ST & 2ND ST.
F.A.I. ROUTE 64 SECTION 81-2, 82R
ST. CLAIR COUNTY
STA. 58+90 TO STA. 62+90

Scale: None | Date: August 19, 2003