APPROVED

MAY 21 2003

Bench Mark: Cut "x" on Northerly Flange Nut of Fire hydrant north side of Baugh Avenue and 400' east of 15th Street Southwest corner of church property. Elev. 416.86

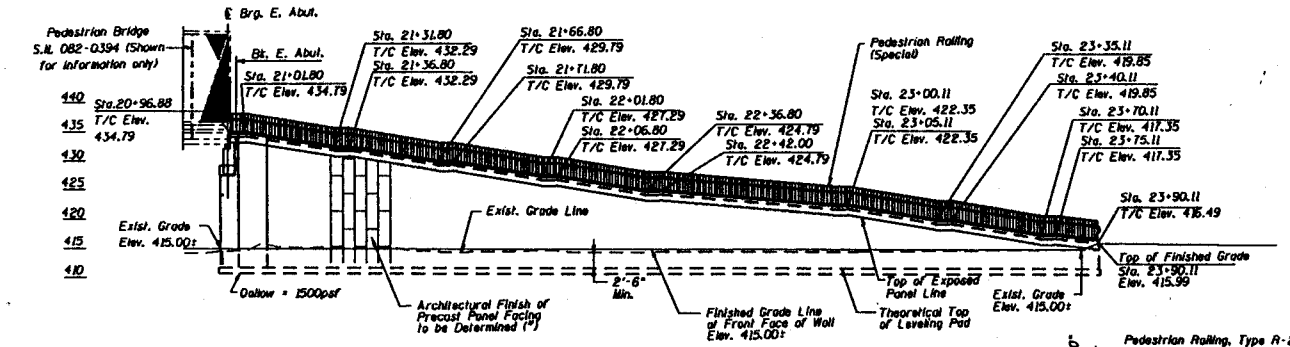
Existing Structure: None

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

AS A BASIS FOR
PREPARATION OF DETAILED PLANS

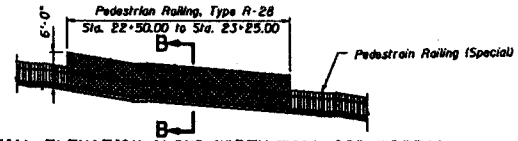
DRAWN NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. I-64	81-2, 82R	ST. CLAIR		
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 1
2 SHEETS



UNFOLDED ELEVATION ALONG SOUTH WALL 082-W229(S)

(North Wall Similar)



PARTIAL ELEVATION ALONG NORTH WALL 082-W229(N)

CURVE PEDBRIG-1

P.I. Sta.= 22+78.96
Δ= 89° 59' 24.38" (RT)
D= 154° 51' 12.45"
R= 37.00'
T= 36.99'
L= 58.11'
E= 15.32'
S.E.= 5.5%
S.E. N.C.
P.C. Sta.= 22+41.97
P.T. Sta.= 23+00.08

DESIGN SPECIFICATIONS

1996 AASHTO with 1997 Thru 2000 & 2002 Interims

DESIGN STRESSES

FIELD UNITS

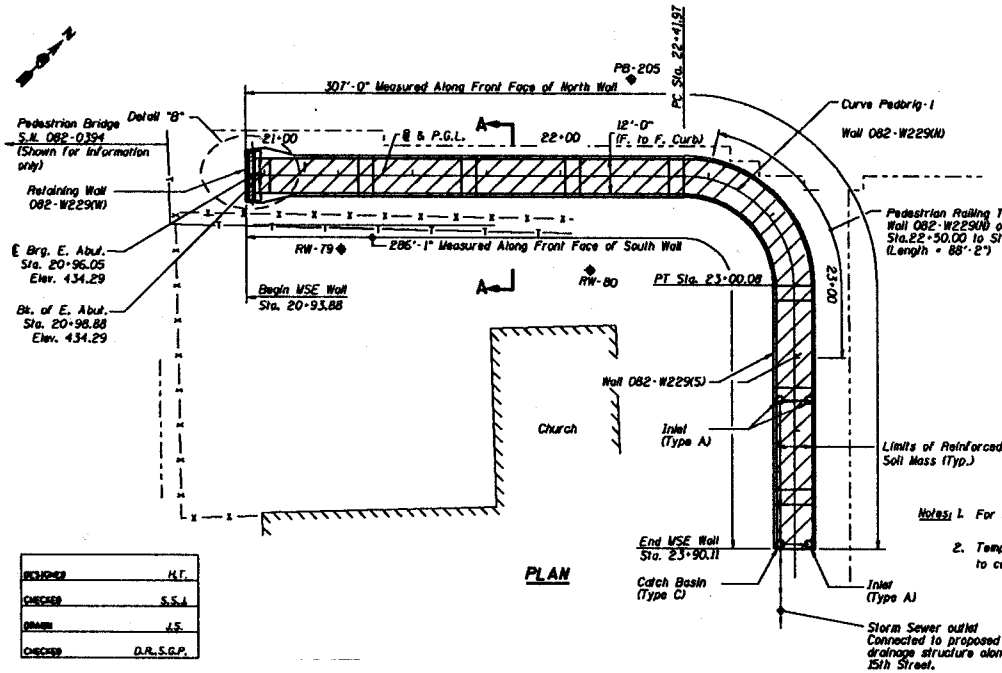
f'c = 3,500 psi
f'c = 4,000 psi (Precast Panels)
fy = 60,000 psi (Reinf.)

SEISMIC DATA

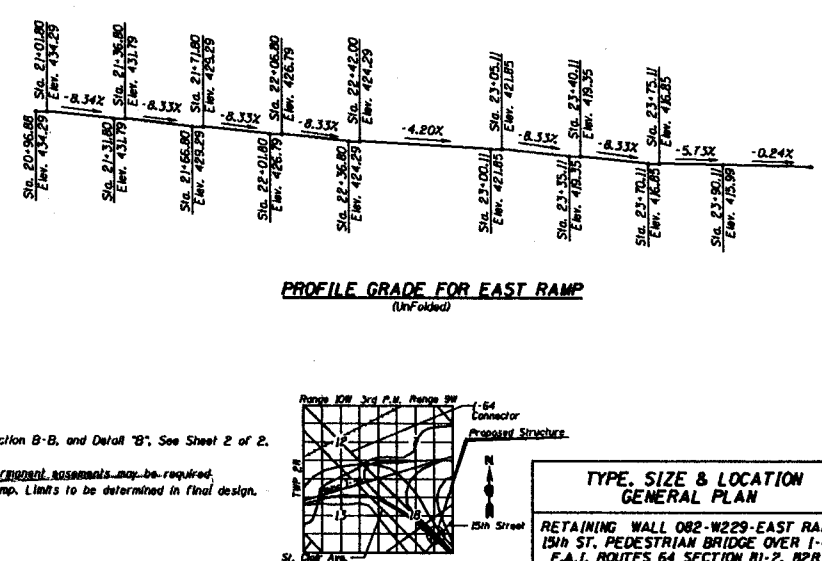
Seismic Performance Category (SPC) = B
Bedrock Acceleration Coefficient (A) = 0.12g
Site Coefficient (S) = 1.5

LEGEND

- Soil Boring
- Existing Telephone Line
- Existing Fence
- Exist. R.O.W.
- Proposed Inlet or Catch Basin
- Proposed Storm Sewer



PLAN



PROFILE GRADE FOR EAST RAMP

(UnFolded)

Notes: 1. For Section A-A, Section B-B, and Detail "B", See Sheet 2 of 2.

2. Temporary and/or Permanent easements may be required to construct East Ramp. Limits to be determined in final design.

LOCATION SKETCH

DESIGNED	H.T.
CHECKED	S.S.J.
DRAWN	J.S.
CHECKED	D.R., S.G.P.

TYPE, SIZE & LOCATION
GENERAL PLAN

RETAINING WALL 082-W229-EAST RAMP
15th ST. PEDESTRIAN BRIDGE OVER I-64
F.A.I. ROUTES 64 SECTION 81-2, 82R
ST. CLAIR COUNTY
STA. 20+93.88 TO STA. 23+90.11

Scale: None | Date: April, 2003

APPROVED

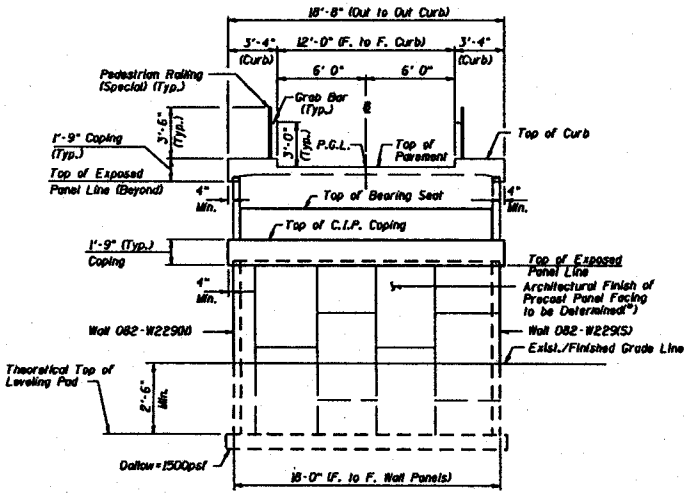
MAY 21 2003

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

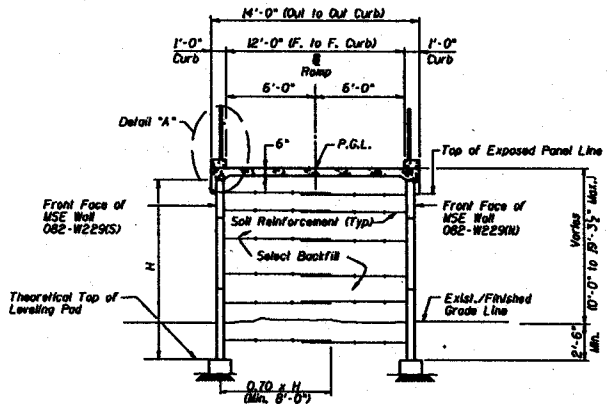
AS A BASIS FOR
PREPARATION OF DETAILED PLANS

DRAWN NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 1-64	81-2, 82R	ST. CLAIR		
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT-		

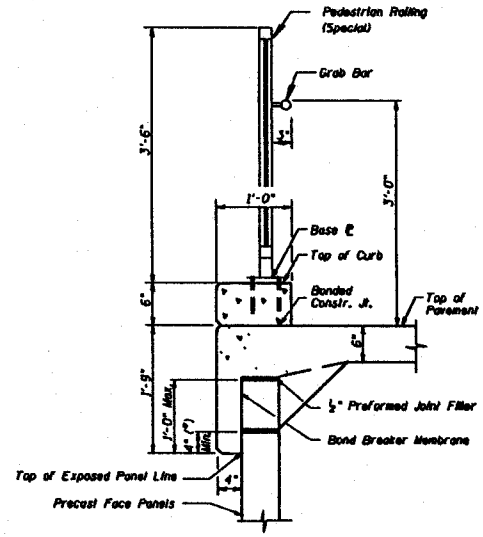
SHEET NO. 8
OF 8 SHEETS



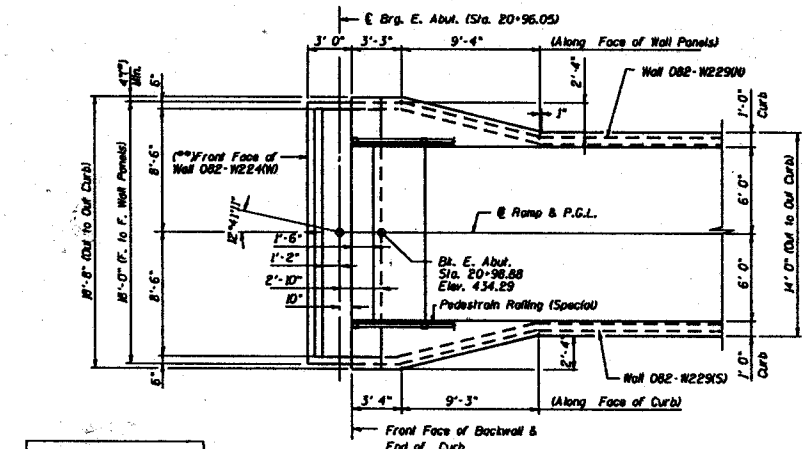
ELEVATION ALONG WEST WALL 082-W229 (W)
(Looking East)



SECTION A-A

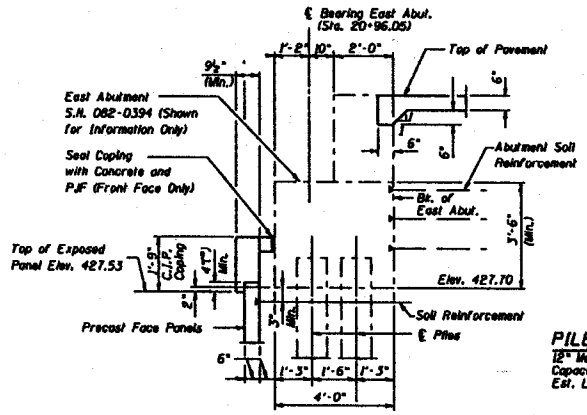


DETAIL "A"

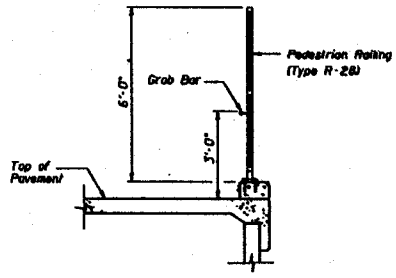


DETAIL "B"

(**) Note: Coping and 4" Overhang for Wall 082-W229(N) at (Front Face of Curb) not Shown for Clarity.



SECTION THRU ABUTMENT



SECTION B-B

PILE DATA (Provided for information only)
12" Metal Shell Concrete Piles
Capacity= 45 Tons
Est. Length 53'

* Panels shall be Fabricated to Provide a 6" minimum Provision to Account for Expected Settlement.

DESIGNED	H.T.
CHECKED	S.S.J.
DRAWN	J.S.
CHECKED	D.R., S.G.P.

TYPE, SIZE & LOCATION
ELEVATION, SECTIONS & DETAILS

RETAINING WALL 082-W229-EAST RAMP
15th ST. PEDESTRIAN BRIDGE OVER I-64
F.A.I. ROUTES 64 SECTION 81-2, 82R
ST. CLAIR COUNTY
STA. 20+93.88 TO STA. 23+90.11

Scale: None | Date: April, 2003