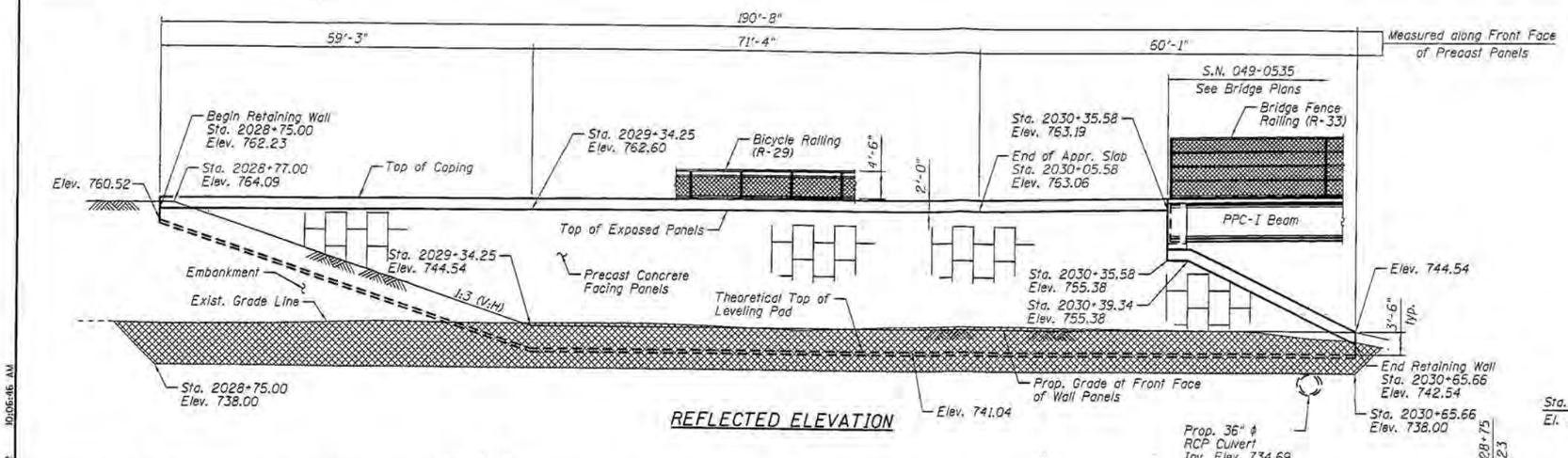
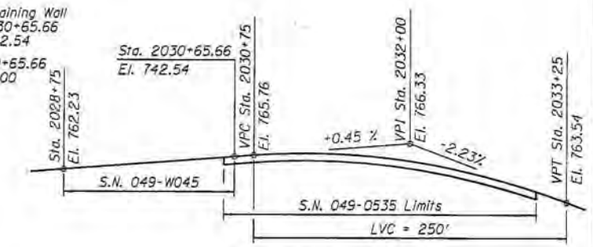
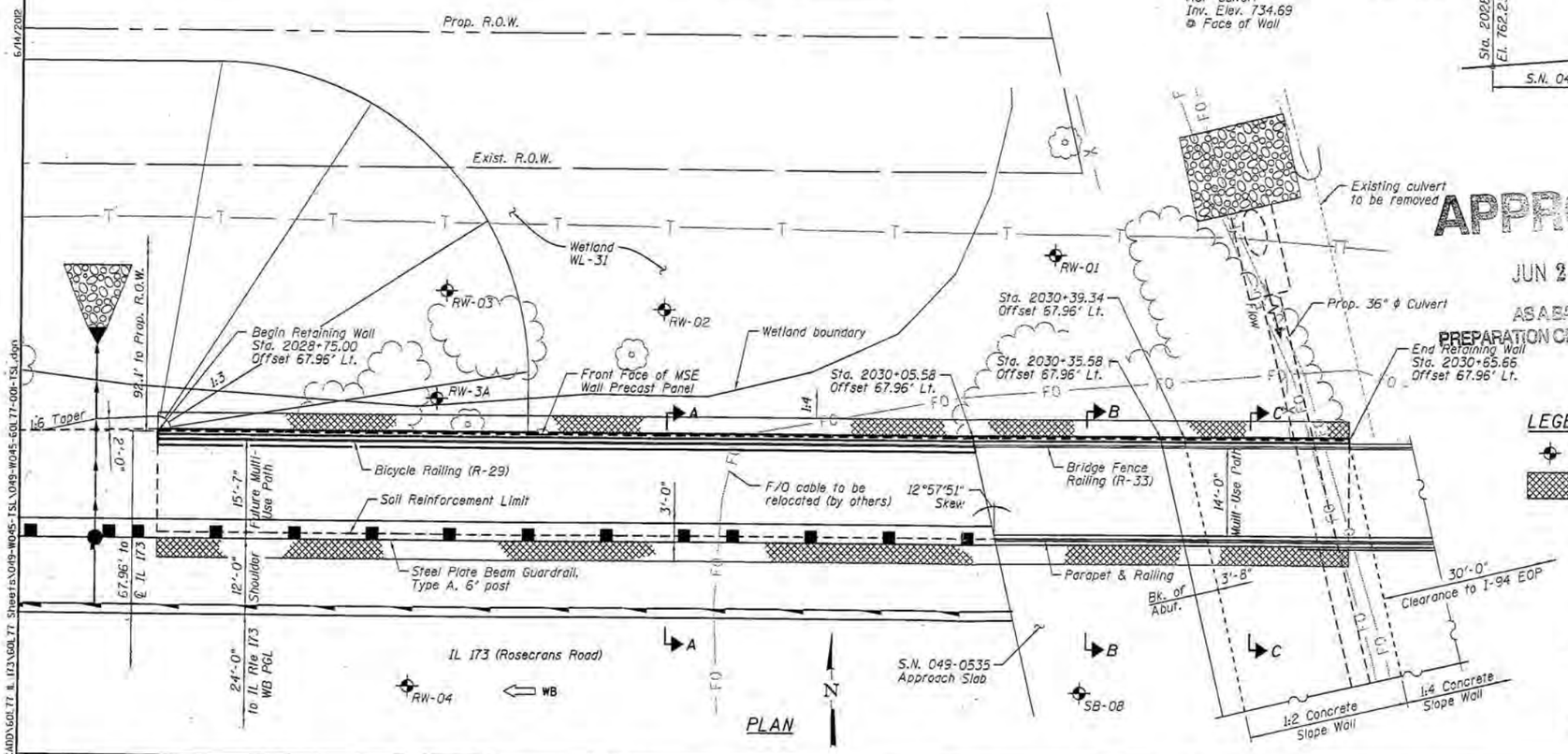
Bench Mark: Chiseled square on top of crashwall at south end of east-most pier of S.N. 049-0058. Elevation 742.33.
Existing Structure: None



REFLECTED ELEVATION



PROFILE GRADE
EB & WB IL RTE. 173
(Elev. Rt./Lt. from ℄ Rdwy.)



PLAN

DESIGN SPECIFICATIONS

2010 AASHTO LRFD Bridge Design Specifications with 2010 Interims

DESIGN STRESSES

FIELD UNITS

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

PRECAST UNITS

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

HIGHWAY CLASSIFICATION

F.A.P. Rte. 303 - IL Rte 173
Functional Class: Other Principal Arterial
ADT: 15,560 (2010); 18,200 (2030)
DHV: 1,930 (2030)
Design Speed: 50 m.p.h.
Posted Speed: 45 m.p.h.

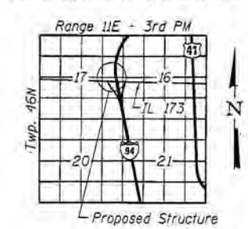
APPROVED
JUN 26 2012
AS A BASIS FOR PREPARATION OF DETAILED PLANS

NOTES:

1. Horizontal dimensions measured along front face of precast panels.
2. Stations & offsets are given to front face of precast panels relative to ℄ IL Rte 173.
3. See Sheet S-2 for Sections A-A, B-B & C-C.

LEGEND:

Soil Boring
Removal & Disposal of Unsuitable Materials



LOCATION SKETCH

GENERAL PLAN & ELEVATION
IL RTE. 173 (ROSECRANS ROAD) OVER I-94
F.A.P. RTE. 0303 - SEC. 49-1-R-1
LAKE COUNTY
STATION 2028+75.00 TO STA. 2030+65.66
STRUCTURE NO. 049-W045

USER NAME =	DESIGNED - IYL	REVISED -	
	CHECKED - BLU	REVISED -	
PLOT SCALE =	DRAWN - MTR	REVISED -	
PLOT DATE =	CHECKED - IYL	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. S-1 OF S-2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0303	49-1-R-1	LAKE		-
		CONTRACT NO. 60L77		
		ILLINOIS FED. AID PROJECT		

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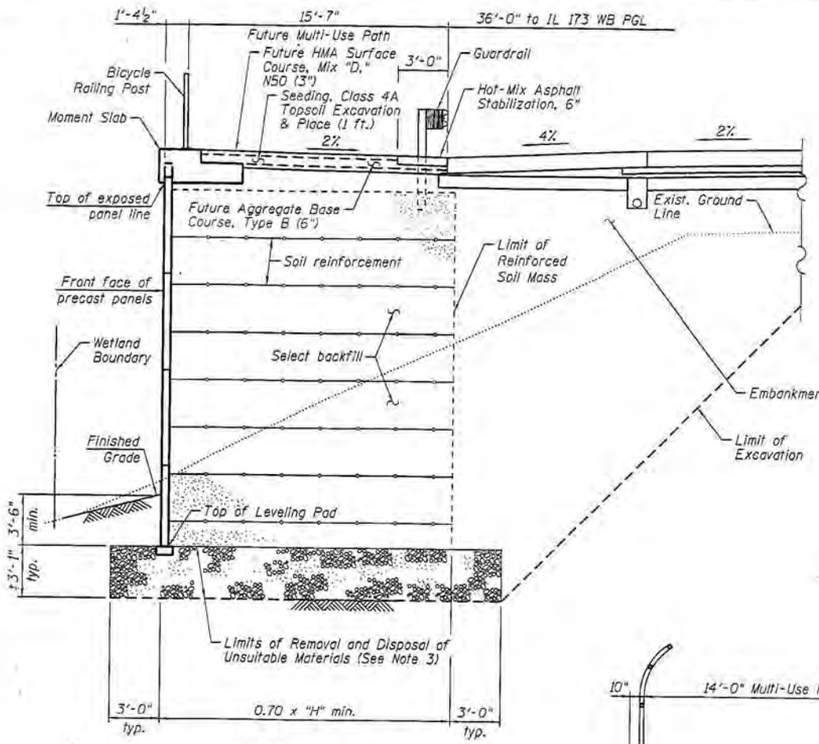
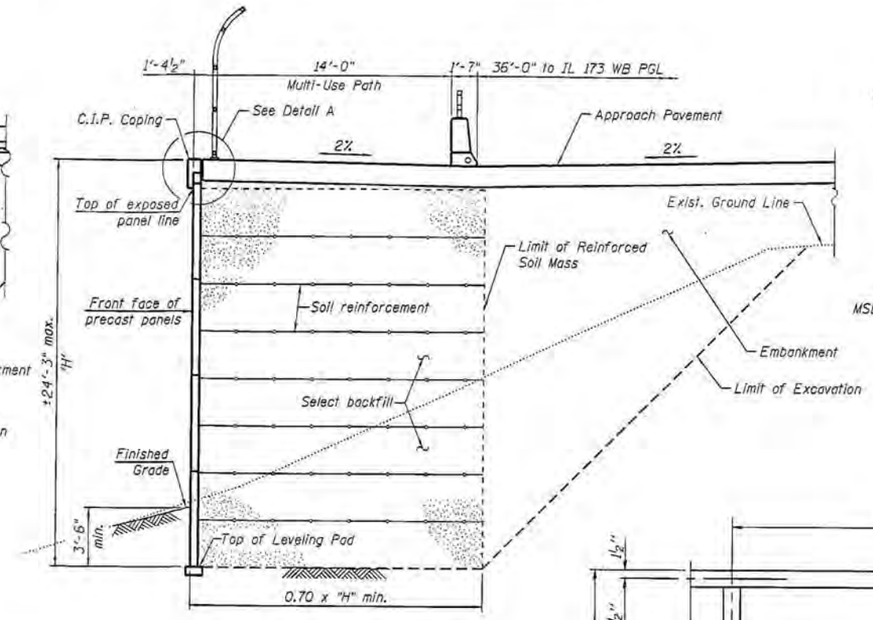
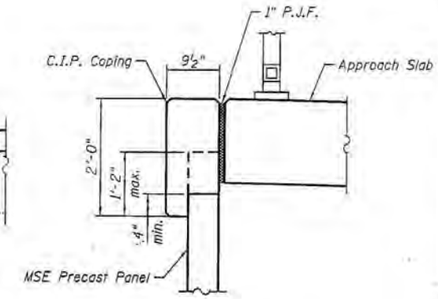


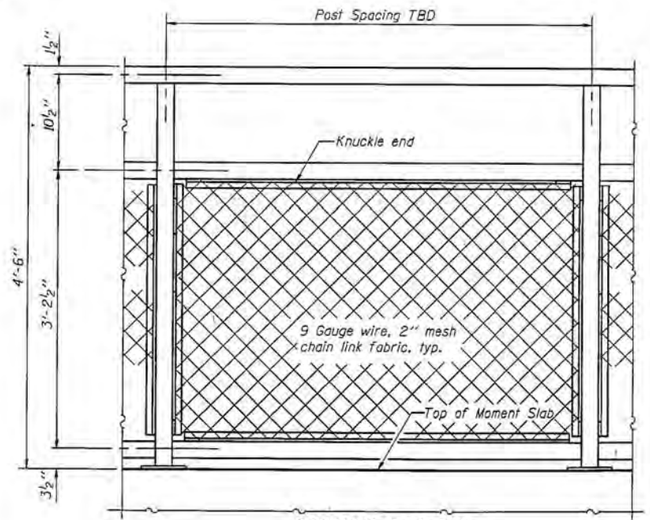
SECTION A-A



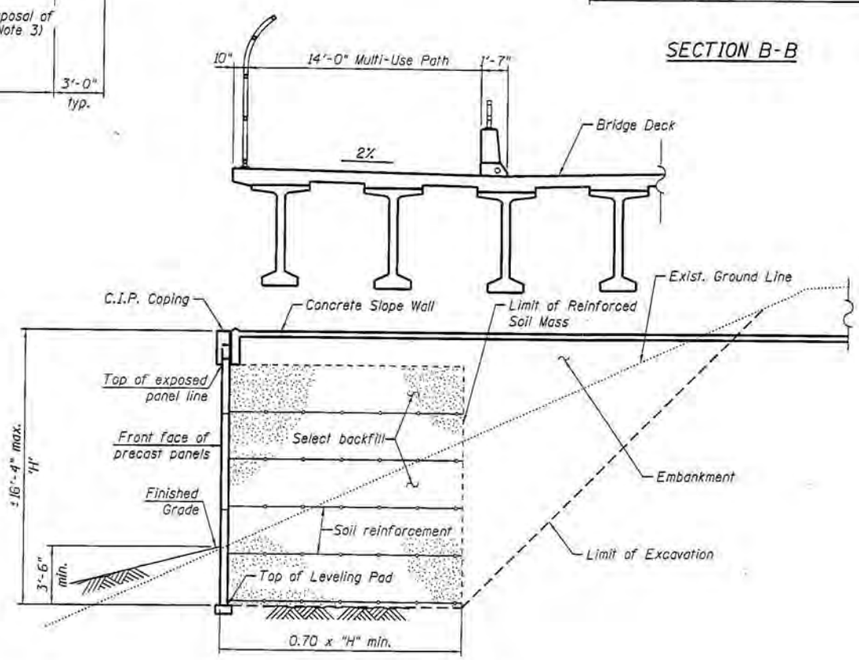
SECTION B-B



DETAIL A



BICYCLE RAILING



SECTION C-C

DETAILS
IL RTE. 173 (ROSECRANS ROAD) OVER I-94
F.A.P. RTE. 0303 - SEC. 49-1-R-1
LAKE COUNTY
STATION 2028+75.00 TO STA. 2030+65.66
STRUCTURE NO. 049-W045

USER NAME =	DESIGNED - IYL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	CHECKED - BLU	REVISED -	
PLOT SCALE =	DRAWN - MTR	REVISED -	
PLOT DATE =	CHECKED - IYL	REVISED -	

SHEET NO. S-2 OF S-2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0303	49-1-R-1	LAKE		
		CONTRACT NO. 60L77		
		ILLINOIS FED. AID PROJECT		

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