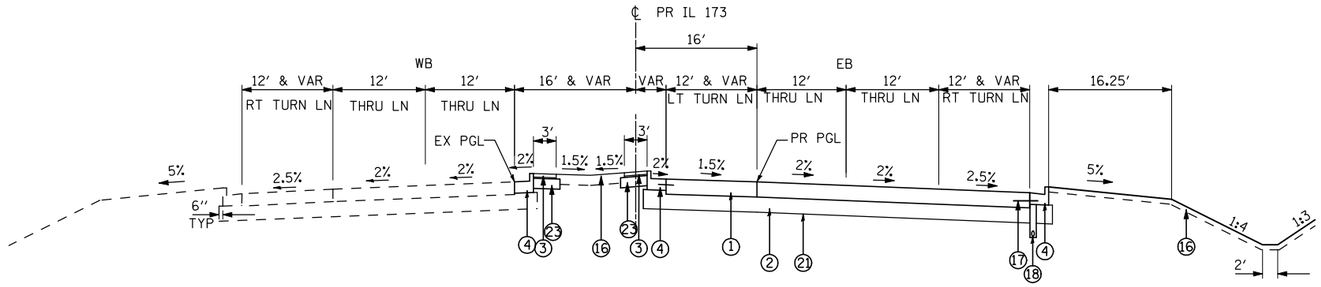
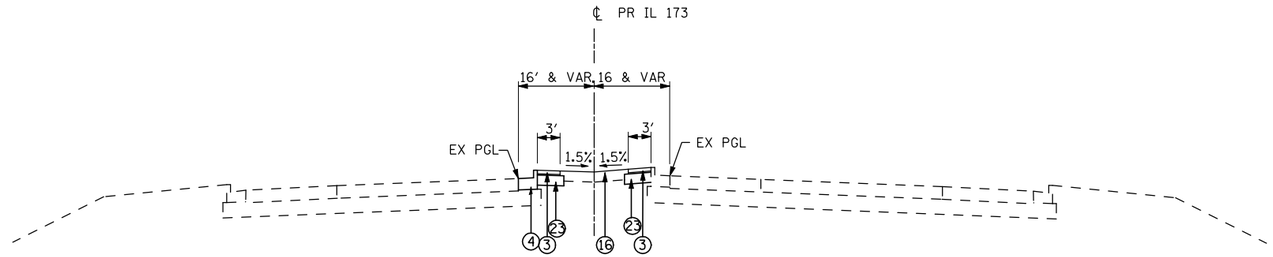


IL 173 PROPOSED TYPICAL SECTION

STA 1142+88 TO STA 1152+00



IL 173 PROPOSED TYPICAL SECTION

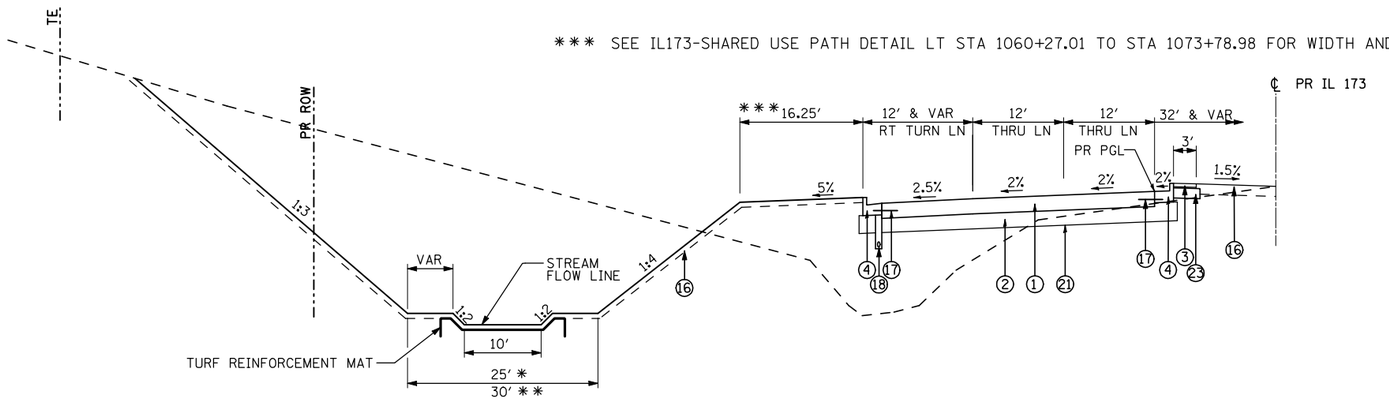
STA 1152+00 TO STA 156+00
PROP CC&G B6.24 ENDS AT STA 1155+22.68 LT

STATION EQUATION
STA 1155+22.68 BK=
STA 154+90.29 AH

PROPOSED LEGEND:

① PCC PAVEMENT (JOINTED)
SEE TABLE THIS SHEET FOR THICKNESS
② AGGREGATE SUBGRADE IMPROVEMENT, 12″ AND VARIES (SEE PAVEMENT SCHEDULE)
③ BRICK PAVERS
④ COMBINATION CONCRETE CURB AND GUTTER B-6.24
⑤ COMBINATION CONCRETE CURB AND GUTTER B-6.12
⑥ PORTLAND CEMENT CONCRETE SHOULDER, 9¾″
⑦ TOPSOIL EXCAVATION AND PLACEMENT, 4″
⑧ CONCRETE MEDIAN, TYPE SB (SPECIAL)
⑨ COMBINATION CONCRETE CURB AND GUTTER B-6.18
⑩ PCC SIDEWALK, 5″
⑪ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 FG, N50, 3″
⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX ″C″ N50, 2″
⑬ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 3″
⑭ BITUMINOUS MATERIAL (PRIME COAT)
⑮ CONCRETE MEDIAN, TYPE SB
⑯ TOPSOIL EXCAVATION AND PLACEMENT, 8″
⑰ #6 DOWEL BARS, 2′ LONG @ 2′ C-C (INCLUDED IN COST OF PCC PAVEMENT)
⑱ PIPE UNDERDRAIN, 4″
⑲ AGG SHLD, TY A, 6″
⑳ AGGREGATE BASE COURSE, TYPE B, 6″
㉑ GEOTECHNICAL REINFORCEMENT UNDER 12″ SUBGRADE
㉒ #6 DOWEL BARS, 2′ LONG @ 2′ C-C (INCLUDED IN COST OF CONCRETE MEDIAN, TYPE SB (SPECIAL))
㉓ AGGREGATE BASE COURSE, TYPE A, 8″

*** SEE IL173-SHARED USE PATH DETAIL LT STA 1060+27.01 TO STA 1073+78.98 FOR WIDTH AND SLOPE



IL 173 STREAM ALIGNMENT PROPOSED TYPICAL SECTION

STA 1064+00 TO STA 1072+00 *
STA 1076+50 TO STA 1080+00 *
STA 1114+50 TO STA 1140+50 **

PCC PAVEMENT THICKNESS TABLE

ROADWAY	THICKNESS
IL RTE 173	9¾″

IL 173 PCC PAVEMENT

STRUCTURAL DESIGN TRAFFIC: YEAR 2021
PV = 49603 SU = 460 MU = 333
ROAD/STREET CLASSIFICATION: CLASS I
P = 32% S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 8.83 AC TYPE = N/A
MINIMUM TF = 5.02
PG GRADE: BINDER = N/A SURFACE = N/A
SUBGRADE SUPPORT RATING:
SSR = POOR
IBR = 6.0

FILE NAME = ...\CADD\CADD SHEETS\Z00793TYP.dgn	USER NAME = Elgin 110	DESIGNED - MJS	REVISED -
		DRAWN - LMP	REVISED -
	PLOT SCALE = 20.0000 ′ / IN.	CHECKED - RMH	REVISED -
THE UPCHURCH GROUP, INC.	PLOT DATE = 5/2/2013 11:12:05 AM	DATE - APRIL 30, 2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED IL 173 FROM ALPINE ROAD TO I-90

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	36
		CONTRACT NO. 64988		
	ILLINOIS FED. AID PROJECT			