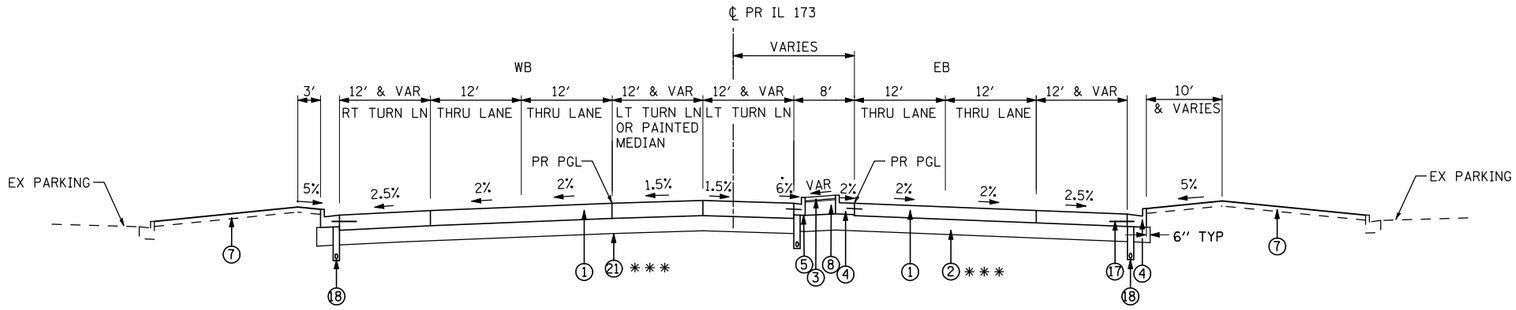
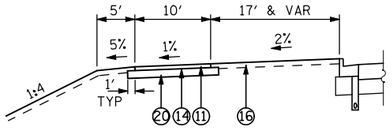


IL 173 PROPOSED TYPICAL SECTION

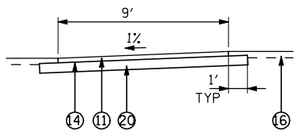
STA 1022+20.19 TO STA 1024+67.50
STA 1028+53.57 TO STA 1032+60.50
STA 1036+79.18 TO STA 1041+50.98
STA 1046+04.05 TO STA 1052+60.59
STA 1059+39.04 TO STA 1066+85.08*
STA 1074+34.02 TO STA 1079+18.11*

* SEE IL 173 STREAM ALIGNMENT PROPOSED TYPICAL SECTION FOR DITCH LIMITS



IL 173 – SHARED USE PATH DETAIL

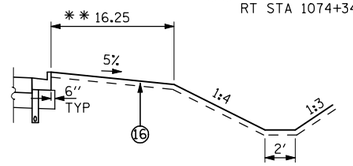
LT STA 1060+27.01 TO STA 1073+56.31



IL173 – SHARED USE PATH DETAIL

RT STA 1061+79.54 TO STA 1064+06.37

** VARIES 3′ TO 16.25′
RT STA 1074+34.02 TO STA 1077+50

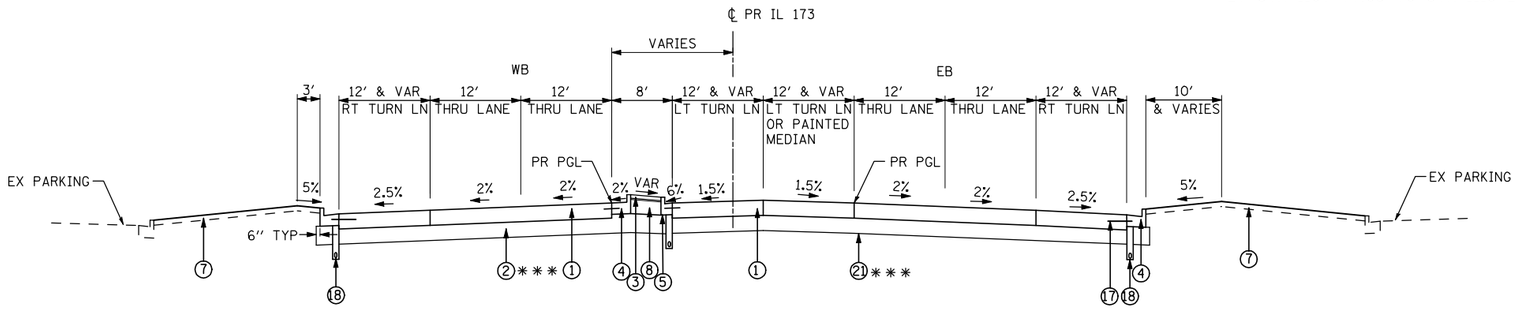


IL 173 – SHLD DETAIL

RT STA 1059+39.04 TO STA 1079+18.11
RT STA 1107+77.05 TO STA 1113+28.00
LT STA 1074+34.02 TO STA 1076+50.00
LT STA 1107+77.05 TO STA 1113+28.00

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″

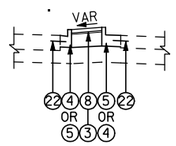


IL 173 PROPOSED TYPICAL SECTION

STA 1024+67.50 TO STA 1028+53.57
STA 1032+60.50 TO STA 1036+79.18
STA 1041+50.98 TO STA 1046+04.05
STA 1052+60.59 TO STA 1059+39.04
STA 1066+85.08 TO STA 1074+34.02 *
STA 1109+31.12 TO STA 1113+28.00 *

PCC PAVEMENT THICKNESS TABLE

ROADWAY	THICKNESS
IL RTE 173	9¾″



IL 173 – MEDIAN DETAIL

STA 1013+70 TO STA 1022+20.19

* * *

IF SUBGRADE STABILITY PROCEDURES ACCORDING TO ARTICLE 301.04 FAIL TO PRODUCE A STABLE SUBGRADE, INCREASE THICKNESS OF AGG SUBGRADE IMPROVEMENT, FROM 12″ TO THICKNESS SHOWN BELOW AND PLACE ON GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.

STATIONS	THICKNESSES
STA 1022+00 TO STA 1036+60	21″
STA 1040+60 TO STA 1045+60	21″
STA 1046+60 TO STA 1058+60	21″
STA 1060+60 TO STA 1067+60	21″

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 -
THE UPCHURCH GROUP, INC.	PLOT SCALE = 20.0000 ' / IN.	CHECKED - RMH	REVISED -
	PLOT DATE = 5/2/2013 11:08:08 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	34
		CONTRACT NO. 64988		
		ILLINOIS FED. AID PROJECT		