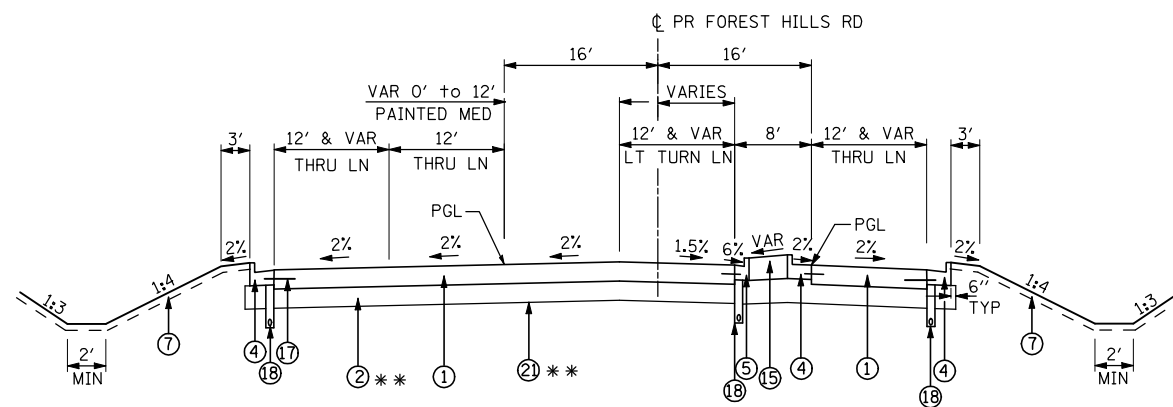


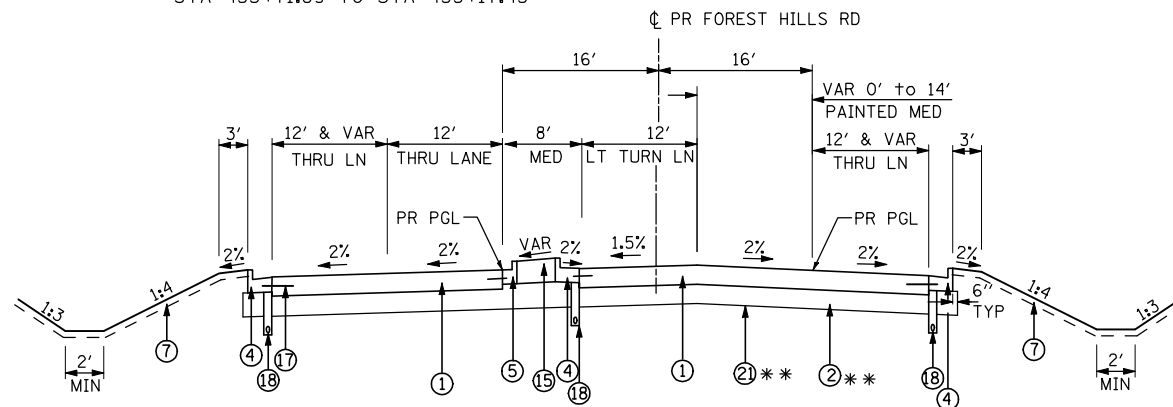
**FOREST HILLS ROAD – PROPOSED TYPICAL SECTION**

STA 450+00.00 TO STA 453+71.89



**FOREST HILLS ROAD – PROPOSED TYPICAL SECTION**

STA 453+71.89 TO STA 455+17.45



**FOREST HILLS ROAD – PROPOSED TYPICAL SECTION**

STA 455+17.45 TO STA 458+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, 9 3/4"
- 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"
- ⑳ AGG SHLD, TY A, 6"
- ㉑ AGGREGATE BASE COURSE, TYPE B, 6"
- ㉒ GEOTECHNICAL REINFORCEMENT UNDER 12" SUBGRADE
- ㉓ #6 DOWEL BARS, 2' LONG @ 2' C-C (INCLUDED IN COST OF CONCRETE MEDIAN, TYPE SB (SPECIAL))
- ㉔ AGGREGATE BASE COURSE, TYPE A, 8"

**PCC PAVEMENT THICKNESS TABLE**

ROADWAY	THICKNESS
FOREST HILLS RD	8"

\*\* 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
383+00 TO 385+00	27"
385+50 TO 387+00	21"
387+00 TO 388+50	27"
390+50 TO 392+50	24"
392+50 TO 396+50	21"
396+50 TO 400+00	27"
460+50 TO 462+00	24"

**FOREST HILLS ROAD 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 =	USER NAME = Elgin 110	DESIGNED - MJS	REVISED -
...\\CADD\CADD SHEETS\200793TYP.dgn		DRAWN - LMP	REVISED -
		CHECKED - RMH	REVISED -
		DATE - APRIL 30, 2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS PROPOSED FOREST HILLS ROAD – NORTH			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	42
			CONTRACT NO. 64988	
ILLINOIS FED. AID PROJECT				

**THE UPCHURCH GROUP, INC.**