PROPOSED LEGEND:
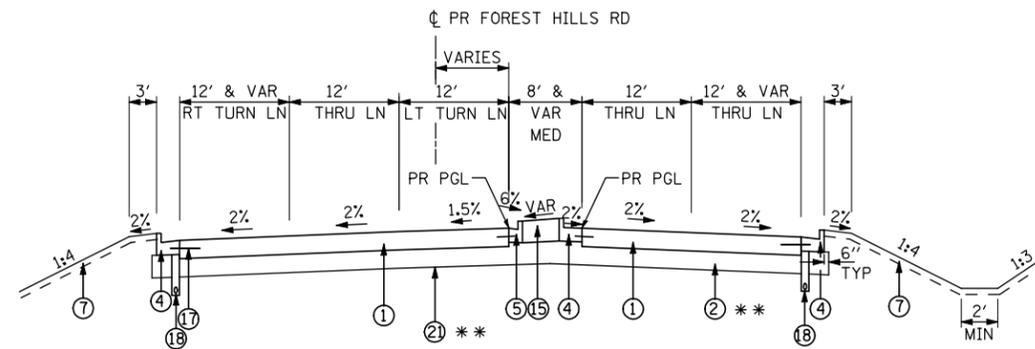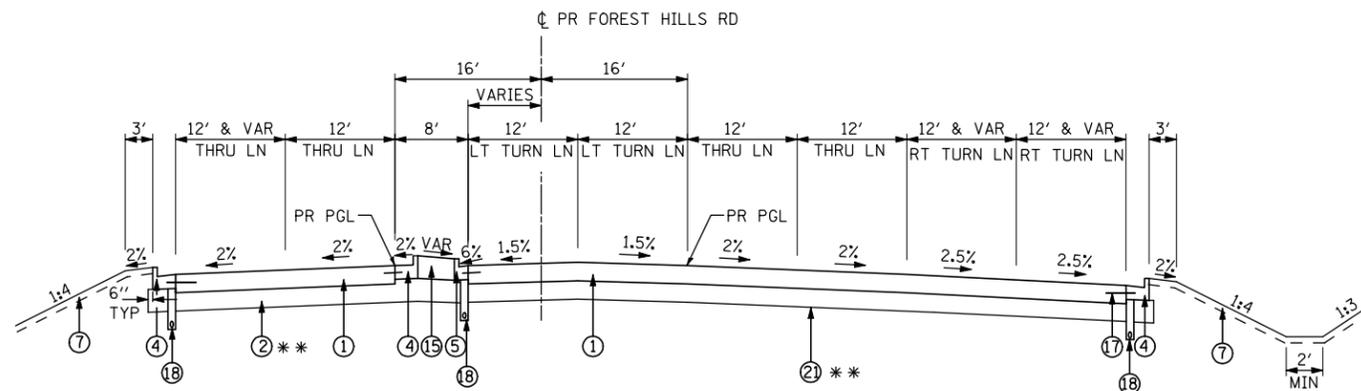
1. PCC PAVEMENT (JOINTED) SEE TABLE THIS SHEET FOR THICKNESS
2. AGGREGATE SUBGRADE IMPROVEMENT, 12" AND VARIES (SEE PAVEMENT SCHEDULE)
3. BRICK PAVERS
4. COMBINATION CONCRETE CURB AND GUTTER B-6.24
5. COMBINATION CONCRETE CURB AND GUTTER B-6.12
6. PORTLAND CEMENT CONCRETE SHOULDER, $9\frac{3}{4}$"
7. 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"
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"

FOREST HILLS RD – PROPOSED TYPICAL SECTION

STA 390+65 TO STA 393+58.44 NB
STA 390+65 TO STA 395+74 SB

FOREST HILLS RD – PROPOSED TYPICAL SECTION

STA 393+58.44 TO STA 400+00 NB
STA 395+74 TO STA 400+00 SB

** 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"

PCC PAVEMENT THICKNESS TABLE

ROADWAY	THICKNESS
FOREST HILLS RD	8"

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED FOREST HILLS ROAD – SOUTH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	41

CONTRACT NO. 64988
ILLINOIS FED. AID PROJECT