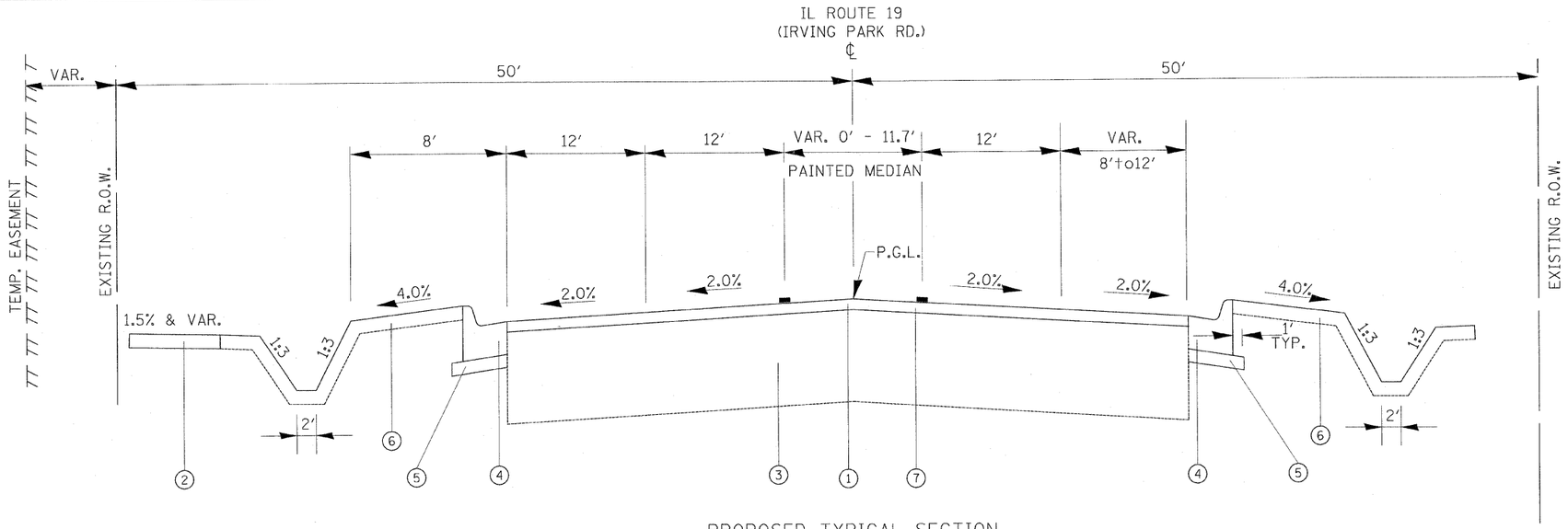


PROPOSED TYPICAL SECTION
STA. 103+95.00 TO STA. 105+75.66

LEGEND

1. PROPOSED H.M.A. SURFACE COURSE, MIX D, N 70, (IL 9.5), 2″
2. PROPOSED P.C.C. SIDEWALK, 5″
3. EXISTING P.C.C. PAVEMENT
4. PROPOSED TYPE B-6.24 CURB & GUTTER
5. PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B, 4″
6. PROPOSED TOP SOIL FURNISH AND PLACE, 4″
7. PROPOSED HMA SURFACE REMOVAL (VARIABLE DEPTH) (3.2″ AVG. AT ℄)

NOTE: PROVIDE 6″ PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) UNDERNEATH ALL PROPOSED SIDEWALKS

STRUCTURAL PAVEMENT DESIGN INFORMATION
IL ROUTE 19 (IRVING PARK RD.)

STRUCTURAL DESIGN TRAFFIC:
ADT = 13,400 (2007)
ADT = 17,000 (2020)
45 MPH IS THE DESIGN SPEED

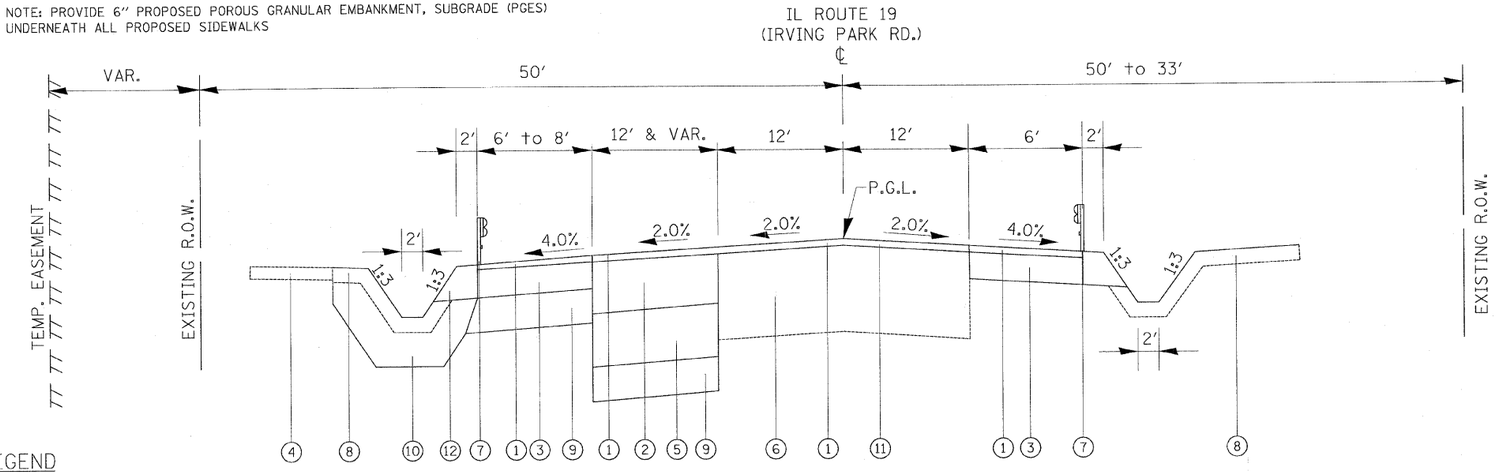
ROAD / STREET CLASSIFICATION:
MINOR ARTERIAL

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 32%
SU = 45%
MU = 45%

TRAFFIC FACTOR:
ACTUAL TF = 2.57
AC TYPE = 20
MINIMUM TF = 4.27

PG GRADE:
BINDER = IL 19.0
SURFACE = IL 9.5

SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 113+95.00 TO STA. 114+60.00)



PROPOSED TYPICAL SECTION
STA. 105+75.66 TO STA. 109+07.55
STA. 109+67.55 TO STA. 114+60.00

LEGEND

1. PROPOSED HMA SURFACE COURSE, MIX D, N 70, (IL 9.5), 2″
2. PROPOSED HMA BINDER COURSE, N 70, IL 19.0, 10.5″
3. PROPOSED HMA BINDER COURSE, N 70, IL 19.0, 6″
4. EXISTING P.C.C. SIDEWALK
5. PROPOSED AGGREGATE SUBGRADE 12″
6. EXISTING PAVEMENT
7. PROPOSED GUARDRAIL
8. PROPOSED TOP SOIL FURNISH AND PLACE, 4″
9. PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES)
10. PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) & GEOTECHNICAL FABRIC
11. PROPOSED HMA SURFACE REMOVAL (VARIABLE DEPTH) (3.3″ AVG. AT ℄)
12. PROPOSED AGGREGATE SHOULDERS, TYPE B 8″

EXISTING SIDEWALK LIMITS:	STA. 103+95.00 LT. TO STA. 108+03.45 LT.
PROPOSED SIDEWALK LIMITS:	STA. 105+77.57 LT. TO STA. 108+55.17 LT.
PROPOSED GUARDRAIL LIMITS:	STA. 108+73.49 LT. TO STA. 110+77.77 LT.
	STA. 106+90.00 RT. TO STA. 111+02.50 RT.
8′ SHOULDER WIDTH LIMITS:	STA. 111+02.76 LT. TO STA. 113+96.89 LT.
6′ SHOULDER WIDTH LIMITS:	STA. 107+03.03 LT. TO STA. 110+75.72 LT.
	STA. 105+86.57 RT. TO STA. 114+45.08 RT.
TYPE B-6.24 CURB & GUTTER LIMITS:	STA. 103+95.00 LT. TO STA. 107+12.90 LT.
PIPE UNDERDRAINS 4″ LIMITS:	STA. 108+10.00 LT. TO STA. 109+10.00 LT.
	STA. 109+65.00 LT. TO STA. 110+65.00 LT.
PGES 12″ LIMITS:	STA. 106+00.00 LT. TO STA. 109+00.00 LT.
PGES 6″ LIMITS:	STA. 110+00.00 LT. TO STA. 112+49.00 LT.
PGES 12″ & GEOTECHNICAL FABRIC LIMITS:	STA. 108+80.00 LT TO STA. 109+19.00 LT.
	STA. 109+70.00 LT. TO STA. 110+50.00 LT.

FILE NAME = E:\0707\IrvingPark\Phase Two \sheet_Typical Sections.dgn	USER NAME = DMM	DESIGNED - DMM	REVISED - 03/08/2009
		DRAWN - DMM	REVISED -
	PLOT SCALE = NOT TO SCALE	CHECKED - FML	REVISED -
	PLOT DATE = 05/08/2008	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	7
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		