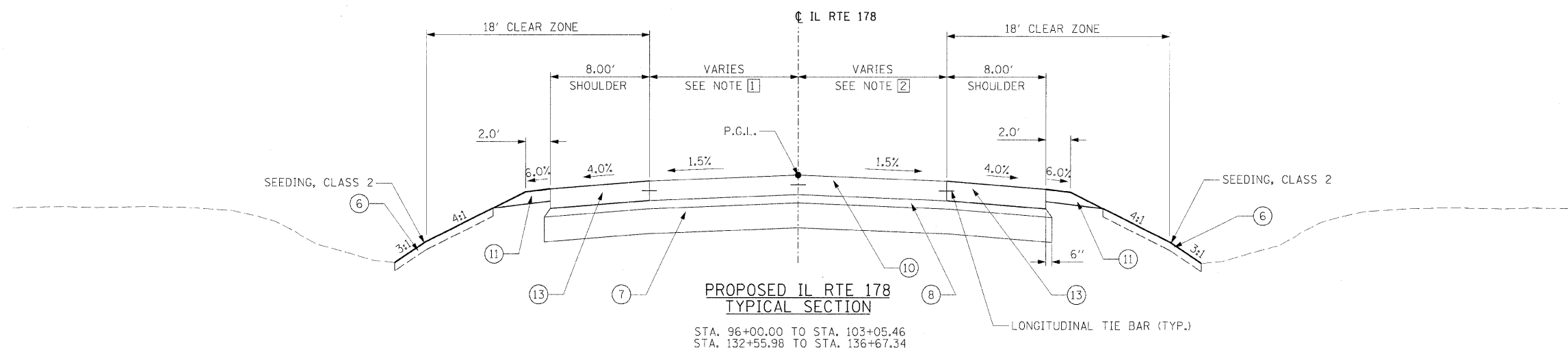


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)HBK	LASALLE	492	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

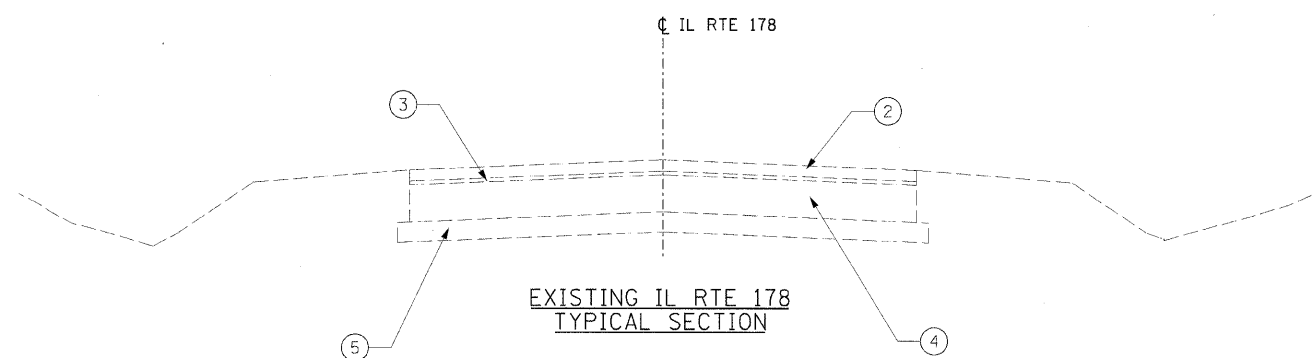


NOTES:

- 1 PAVEMENT WIDTH
 STA. 96+00.00 TO STA. 103+05.10 = 19.50'
 STA. 132+55.60 TO STA. 136+67.36 = TRANSITION FROM 13.31' TO 12.27'

NOTES:

- 2 PAVEMENT WIDTH
 STA. 96+00.00 TO STA. 103+05.10 = 19.50'
 STA. 132+55.60 TO STA. 136+67.36 = TRANSITION FROM 19.00' TO 11.62'



LEGEND

- 1 EXISTING GROUND LINE
- 2 EXISTING HOT-MIX ASPHALT SURFACE COURSE 2 1/4"
- 3 EXISTING HOT-MIX ASPHALT LEVELING BINDER 3/4"
- 4 EXISTING PCC PAVEMENT 10"
- 5 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- 6 PROPOSED TOPSOIL FURNISH AND PLACE 4"
- 7 PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- 8 PROPOSED STABILIZED SUB-BASE HOT-MIX ASPHALT 4"
- 9 PROPOSED AGGREGATE BASE COURSE, TYPE B 12"
- 10 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- 11 PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- 12 PROPOSED HOT-MIX ASPHALT SHOULDERS 13 3/4"
- 13 PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- 14 PROPOSED PIPE UNDERDRAINS 4"
- 15 PROPOSED PIPE UNDERDRAINS 6"
- 16 PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- 17 PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A
- 18 PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13 3/4"
- 19 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- 20 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 21 PROPOSED MEDIAN, TYPE SM-4.06
- 22 PROPOSED HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL (TO BE PAID FOR AS HMA SHOULDERS 6")
- 23 PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A 6"

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HANSON
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 Offices Nationwide

STRUCTURAL DESIGN TRAFFIC		Year	2018
PV =	78%	SU =	8.2%
		MU =	13.8%
ROAD/STREET CLASSIFICATION		Class	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	50%	S =	50%
		M =	50%
TRAFFIC FACTOR		Actual TF =	7.97
		AC Type =	N/A
		Minimum TF =	5.51
PG GRADE: Top Binder =		SBS PG64-28	Surface =
Bottom Binder =		PG64-22	
SUBGRADE SUPPORT RATING:			
SSR =	POOR	(Sta. 90+89.13 to 113+73.50)	
SSR =	POOR	(Sta. 116+26.50 to 136+67.10)	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 ILLINOIS ROUTE 178
 (UTICA ROAD)

SCALE: VERT. N/A
 HORIZ. N/A

DRAWN BY JAP
 CHECKED BY

MODEL NAME = IL RTE 178-1
 PLOT DATE = 10/23/2009
 PLOT SCALE = 1"=20'-0"
 USER NAME = jaha00944

LAYOUT	JAP	07/12/08
DRAWN	JAP	07/12/08
REVIEWED	MTM	10/1/07