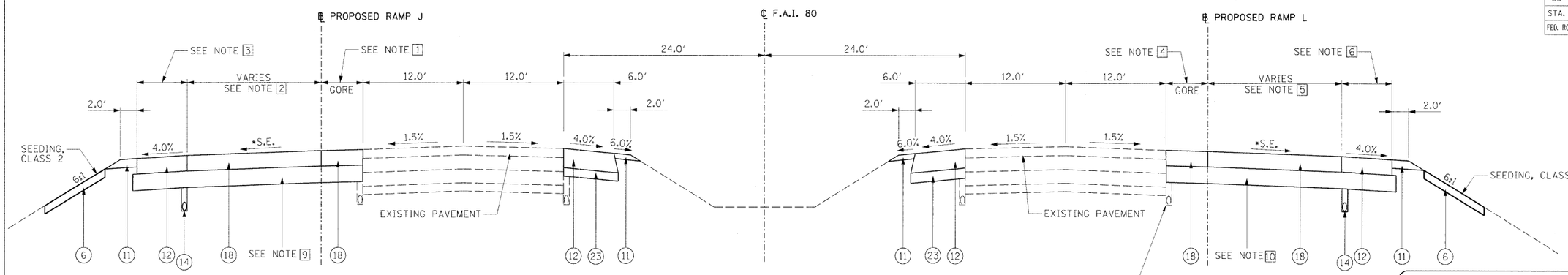
CONTRACT NO 66542

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)HBK	LASALLE	492	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



* SEE SUPERELVATION DETAIL ON RAMP TYPICAL SECTION SHEETS

PROPOSED F.A.I. 80
TYPICAL SECTION

IT IS THE CONTRACTORS RESPONSIBILITY TO ASSURE THE EXISTING PIPE UNDERDRAINS REMAIN UNDISTURBED (TYP.).

NOTES:

[1] GORE WIDTH
STA. 306+60.09 TO STA. 302+99.57 = TRANSITION FROM 21.82' TO 2.60' STUB

[2] PAVEMENT WIDTH
STA. 306+60.09 TO STA. 302+99.57 = 16.00'
STA. 302+99.57 TO STA. 299+70.37 = TRANSITION FROM 18.58' TO 1.00' STUB

[3] SHOULDER WIDTH
STA. 306+60.09 TO STA. 300+26.72 = 6.00'
STA. 300+26.72 TO STA. 299+70.37 = TRANSITION FROM 6.00' TO 9.00'

[4] NOTES 1-3 REFERENCE RAMP J STATIONING

[5] CORE WIDTH
STA. 513+72.71 TO STA. 518+26.91 = TRANSITION FROM 17.65' TO 3.60' STUB

NOTES:

[6] PAVEMENT WIDTH
STA. 513+72.71 TO STA. 518+26.91 = 16.00'
STA. 518+26.91 TO STA. 526+96.96 = TRANSITION FROM 19.58' TO 1.00' STUB

[7] SHOULDER WIDTH
STA. 513+72.71 TO STA. 525+46.88 = 6.00'
STA. 525+46.88 TO STA. 526+96.96 = TRANSITION FROM 6.00' TO 9.00'

[8] NOTES 5-7 REFERENCE RAMP L SATIONING

[9] PROPOSED RAMP J STA 299+70 TO 306+60:
SUB-BASE GRANULAR MATERIAL, TYPE A 18"

[10] PROPOSED RAMP L STA 513+73 TO 526+97:
SUB-BASE GRANULAR MATERIAL, TYPE A 18"

W.B. F.A.I. 80
STA. 908+59.83 TO STA. 19+58.08
STATION EQUATION: 915+00.00 (BACK) = 19+08.45 (AHEAD)

RAMP J
STA. 306+60.09 TO STA. 299+70.37

E.B. F.A.I. 80
STA. 908+81.07 TO STA. 26+16.06
STATION EQUATION: 915+00.00 (BACK) = 19+08.45 (AHEAD)

RAMP L
STA. 513+72.71 TO STA. 526+96.96

PROPOSED RAMP J & L (RAMP I TRAFFIC CONTROLS PAVEMENT DESIGN)

STRUCTURAL DESIGN TRAFFIC Year 2018
PV = 75 SU = 7.1 MU = 17.9
ROAD/STREET CLASSIFICATION Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 100% S = 100% M = 100%
TRAFFIC FACTOR Actual TF = 8.10 AC Type = 20
Minimum TF= 11.17
PG GRADE: Top Binder = SBS PG64-28 Surface = FD BIT 13 3/4"
Bottom Binder = PG64-22
SUBGRADE SUPPORT RATING:
SSR = POOR (Sta. 869+16.14 to 883+04.67)
SSR = _____ (Sta. _____ to _____)

HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13 3/4" SHALL BE COMPRISED OF:

13 3/4"
2" POLYMERIZED HMA SURFACE COURSE, IL-12.5 OR IL-19.0, N90
3 3/4" POLYMERIZED HMA BINDER COURSE, IL-19.0, N90
4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90

TO BE PAID FOR AS (18)

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"

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
INTERSTATE 80

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

DRAWN BY MEW
CHECKED BY

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

LAYOUT	MEW	12/19/08
DRAWN	MEW	12/19/08
REVIEWED	WTW	10/17/07

MODEL NAME = I-80 SHT-3
PLOT DATE = 12/22/2009
FILE NAME = C:\PWLEXport\IC-58017YP.dgn
PLOT SCALE = 5.0000 ' / in.
USER NAME = John-a809144