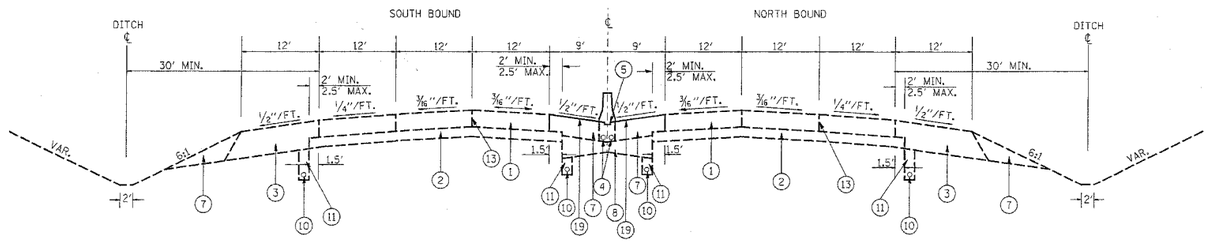
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-082 I	COOK	37	6
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

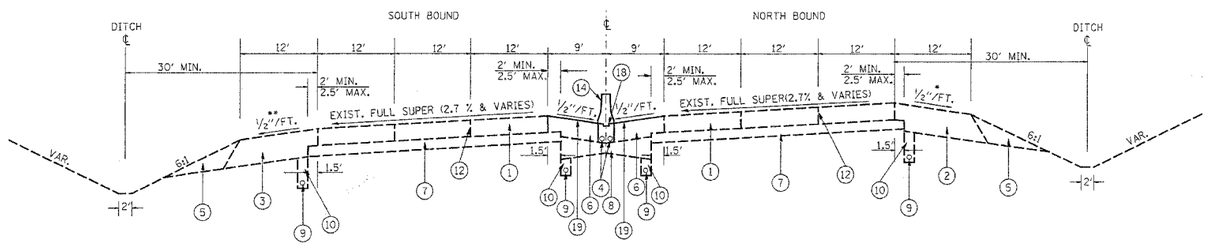
CONTRACT NO.: 60A96

I-94 (EDENS EXPY.)



EXISTING/PROPOSED TYPICAL CROSS SECTION
TOUHY AVE TO WILLOW RD
WILLOW RD TO DUNDEE RD
DUNDEE RD TO LAKE-COOK RD

I-94 (EDENS EXPY.)



EXISTING/PROPOSED TYPICAL CROSS SECTION
DUNDEE RD TO LAKE-COOK RD
WILLOW RD TO DUNDEE RD

LEGEND

1. EXISTING CONTINUOUSLY REINF. PCC PAVEMENT (10")
2. EXISTING BITUMINOUS BASE COURSE, 13" (NORTHBOUND)
3. EXISTING BITUMINOUS SHOULDER, 13" (SOUTHBOUND
4. EXISTING GRANULAR MATERIAL TYPE A, 6"
5. EXISTING AGGREGATE SHOULDER, TYPE B
6. EXISTING BITUMINOUS SHOULDER (10")
7. EXISTING STABILIZED SUB-BASE, 4"
8. EXISTING SUB BASE GRANULAR MATERIAL, SPECIAL
9. EXISTING PIPE UNDERDRAIN, 4"
10. EXISTING BACKFILL FOR PIPE UNDERDRAIN
11. EXIST. COMB. CONC. CURB & GUTTER
12. EXISTING CONSTRUCTION JOINT
13. EXISTING 4" DIA. PVC DUCT
14. EXISTING CONCRETE BARRIER WALL, TYPE 1
15. EXISTING CONCRETE BARRIER WALL, TYPE 2
16. EXISTING CONCRETE BARRIER WALL, TYPE 3
17. EXISTING CONCRETE BARRIER WALL, TYPE 4
18. EXISTING CONSTRUCTION JOINT & KEY WAY, 2" x 6"
19. PROPOSED ASPHALTIC EMULSION SLURRY SEAL

NOTE: EXISTING CONDITION

- WHEN THE SUPERELEVATION RATE OF THE EXISTING PAVEMENT IS BETWEEN 0.00 FT/FT AND 0.03 FT/FT THE SHOULDER SHALL BE SLOPED AT 0.04 FT/FT. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 0.03 FT/FT, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 0.07 FT/FT.

** EXISTING BITUMINOUS SHOULDER SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE BUT NOT LESS THAN 1/2"/FT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAI 94/ I-94
LAWRENCE AVE TO LAKE-COOK RD

TYPICAL CROSS SECTION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 3/29/2006
FILE NAME = c:\pw_work\dl03384\dl03384sht32.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = steedpo