IL-25 /STEARNS ROAD

STA 501+44.30 TO STA 506+76.88

BEGIN SE TRANS IN   STA 504+18.73
END SE TRANS IN   STA 506+62.93

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
2. STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
3. SUB-BASE GRANULAR MATERIAL, TYPE B, 12" & VARIES
4. COMBINATION CONCRETE CURB AND GUTTER B6.24
5. HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
6. EARTH EXCAVATION
7. TOPSOIL EXCAVATION AND PLACEMENT
8. CLAY LINER, 8"
9. PORTLAND CEMENT CONCRETE SHOULDERS, 6"
10. LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
11. AGGREGATE SHOULDERS TYPE B, 8"
12. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
13. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2" (IN 5 LIFTS)
14. AGGREGATE BASE COURSE TYPE B, 6"
15. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
16. COMPACTED LIMESTONE SCREENINGS (FA 5), 2"   } PAID FOR AS (06) AGGREGATE PATH, 8"
17. STEEL PLATE BEAM GUARD RAIL, TYPE A
18. NOT USED
19. NOT USED
20. LEVELING BINDER (MACHINE METHOD), N70 (3/4" MINIMUM)
21. COMBINATION CONCRETE CURB AND GUTTER B6.12
22. CONCRETE MEDIAN, TYPE SB (SPEC)
23. BICYCLE RAILING
24. HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
25. HOT MIX ASPHALT BINDER COURSE, IL-19.0 N50, 6 1/2" (IN 3 LIFTS)
26. SAW CUTS
27. HOT-MIX ASPHALT SHOULDER, 6" (IN 2 LIFTS)
28. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
29. POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1 1/2"
30. PORTLAND CEMENT CONCRETE PAVEMENT, 9"
31. TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER AND CONC MEDIAN, TYPE SB (SPEC)

STRUCTURAL DESIGN TRAFFIC: YEAR   2020

PV = 30,960   SU = 2520   MU = 2520

ROAD/STREET CLASSIFICATION: CLASS   I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 32%   S = 45%   M = 45%

TRAFFIC DATA: ACTUAL TF = 19.09
                      MINIMUM TF = 6.03

SUBGRADE SUPPORT RATING:

SSR = POOR

USER NAME = #USER#	DESIGNED - JRM	REVISED -
	DRAWN - INS	REVISED -
PLOT SCALE = 8.3300 '/ IN.	CHECKED - JNR	REVISED -
PLOT DATE = 3/30/2009	DATE - 3/31/09	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**PROPOSED TYPICAL SECTION
IL 25 /STEARNS ROAD**

SCALE: SHEET NO.   OF   SHEETS   STA.   TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-15-BR	KANE/DUPAGE	545	25
	CONTRACT NO. 63074			

FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT