

**STEARNS ROAD**  
 STA 163+53.57 TO STA 165+15 (KANE/DUPAGE COUNTY)  
 BEGIN SE TRANS IN STA 161+77.14  
 END SE TRANS IN STA 164+92.14

**DUPAGE COUNTY PAVEMENT**

- (D1) POLYMERIZED HOT MIX ASPHALT SURFACE COURSE MIX "F", N90, 1 3/4"
- (D2) POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- (D3) PORTLAND CEMENT CONCRETE BASE COURSE, 9 1/2"
- (D4) AGGREGATE SUBGRADE 16"
- (D5) TOPSOIL EXCAVATION AND PLACEMENT
- (D6) AGGREGATE PATH, 8"

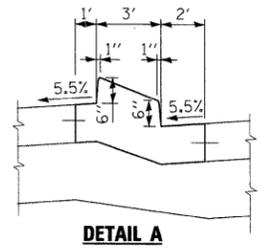
**NOTE:**

FOR DUPAGE COUNTY PROVIDE CONCRETE C&G TO MATCH  
 (D1) (D2) & (D3)

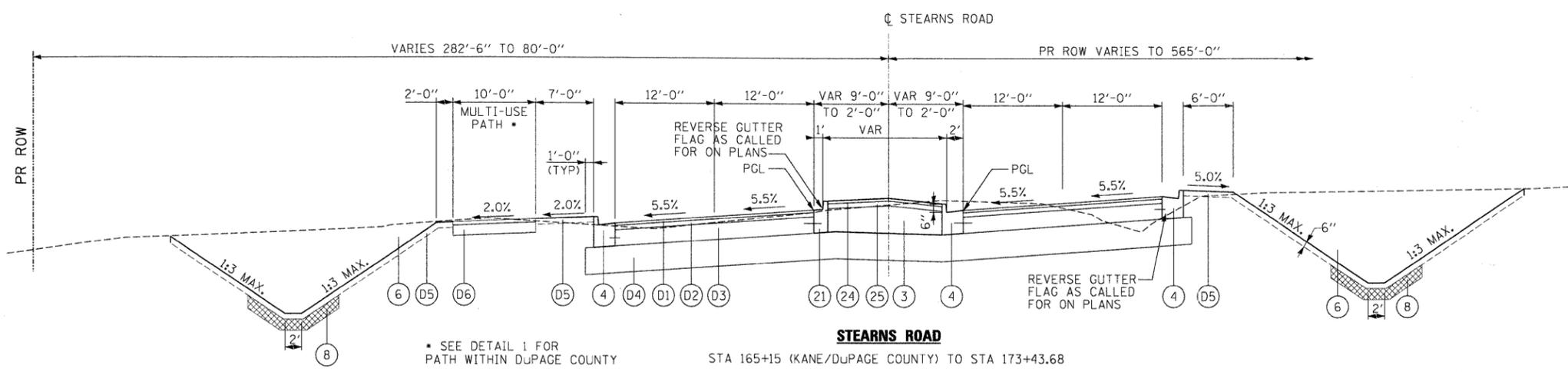
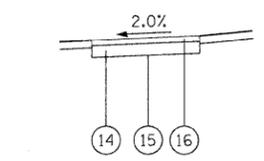
**LEGEND**

- (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 (D6) 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))

• SEE DETAIL 1 FOR PATH WITHIN DUPAGE COUNTY  
 PATH WILL BE PAID FOR AS AGGREGATE PATH, 8"



**DETAIL 1**



**STEARNS ROAD**  
 STA 165+15 (KANE/DUPAGE COUNTY) TO STA 173+43.68  
 BEGIN SE TRANS OUT STA 170+98.33  
 END SE TRANS OUT STA 174+13.33

• SEE DETAIL 1 FOR PATH WITHIN DUPAGE COUNTY  
 PATH WILL BE PAID FOR AS AGGREGATE PATH, 8"

<b>STRUCTURAL DESIGN TRAFFIC:</b>			YEAR	2020	
PV =	30,960	SU =	2520	MU =	2520
<b>ROAD/STREET CLASSIFICATION:</b>			CLASS	I	
<b>PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:</b>					
P =	32%	S =	45%	M =	45%
<b>TRAFFIC DATA:</b>			ACTUAL TF =	19.09	
			MINIMUM TF =	6.03	
<b>SUBGRADE SUPPORT RATING:</b>					
SSR = POOR					

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FILE NAME = #FILES#	USER NAME = #USER#	DESIGNED - JRM	REVISED -	<b>KANE COUNTY DIVISION OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTION STEARNS ROAD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - INS	REVISED -			361	06-00214-15-BR	KANE/DUPAGE	545	30
PLOT SCALE = 8.3300' / IN.		CHECKED - JNR	REVISED -			CONTRACT NO. 63074				
PLOT DATE = 3/30/2009		DATE - 3/31/09	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
SCALE:						SHEET NO. OF SHEETS STA. TO STA.				