

SEE DRAINAGE PLANS FOR POND D & E DETAILS

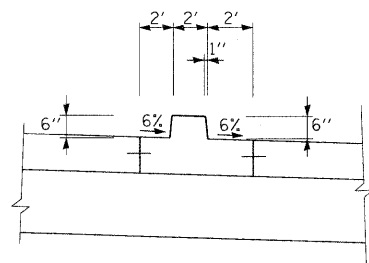
**IL-25**

STA. 270+67.63 TO STA. 280+20.00

BEGIN SE TRANS OUT STA 278+64.15  
END SE TRANS OUT STA 280+41.75

(PROPOSED BRIDGE OMISSION STA. 275+69.93 TO STA. 277+07.97)  
IL 25 BRIDGE OVER BREWSTER CREEK - S.N. 04-2032

• VARIES 12' @ STA 278+10  
TO 1'-4" @ STA 280+20



**DETAIL A**

**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))

<b>STRUCTURAL DESIGN TRAFFIC:</b>		YEAR	2020
PV =	30,100	SU =	2450
		MU =	2450
<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 =	18.56
		MINIMUM TF =	6.03
<b>SUBGRADE SUPPORT RATING:</b>		SSR =	POOR

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FILE NAME =	USER NAME = #USER#	DESIGNED - JRM	REVISED -	<b>KANE COUNTY DIVISION OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTION IL 25</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILES#	PLOT SCALE = 8.3300' / IN.	DRAWN - INS	REVISED -			361	06-00214-15-BR	KANE/DUPAGE	545	21	
	PLOT DATE = 3/30/2009	CHECKED - JNR	REVISED -			CONTRACT NO. 63074					
		DATE - 3/31/09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET NO. OF SHEETS		STA. TO STA.			