



TYPICAL SECTION # 21

STA 1022+21.42 TO STA 1043+34.67

LEGEND

- ① EX 9-7-9 PCC PAVEMENT
- ② EX HMA BASE COURSE WIDENING
- ③ EX HMA SURFACE
- ④ EX METAL JOINT WITH 1/2" DIA BAR
- ⑤ EX HMA SHOULDER
- ⑥ EX CONCRETE GUTTER
- ⑦ EX PIPE UNDERDRAIN
- ⑧ EX HMA 1' SAFETY SHOULDER

- ⑨ PR HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑩ PR HMA SURFACE REMOVAL 2 1/4"
- ⑪ PR LEVELING BINDER COURSE (MACHINE METHOD) - 3/4"
- ⑫ PR HMA SURFACE COURSE, 1 1/2"
- ⑬ PR HMA SHOULDER, 6"
- ⑭ PR AGGREGATE WEDGE SHOULDERS TYPE B
- ⑮ PR PAVEMENT MARKING - LINE 5"
- ⑯ PR HMA SHOULDER, (2 1/4")

NOTE:

1. WHEN THE SUPERELEVATION RATE OF PAVEMENT IS BETWEEN 0.0% AND 4.0%, THE SHOULDER SLOPE SHALL BE SLOPED AT 4.0%. WHEN THE SUPER ELEVATION RATE OF PAVEMENT EXCEEDS 4.0%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER IS 8.0%.
2. OUTSIDE AGGREGATE SHOULDER THICKNESS HAS BEEN INCREASED FROM PAST DISTRICT 6 DESIGNS OF 1". THIS ADDITIONAL THICKNESS IS TO PROVIDE D6 OPERATIONS ADDITIONAL MATERIAL TO PULL UP FOR MAINTENANCE PURPOSES.
3. WHERE THE EARTH SHOULDER IS NOT WIDE ENOUGH FOR A 4' AGGREGATE SHOULDER, MATCH THE EARTH SHOULDER WIDTH.

** EXISTING 1' PAVED SHOULDER TO BE REMOVED AT VARIOUS LOCATIONS. THE RESIDENT ENGINEER WILL DETERMINE THE LOCATIONS.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 34 (IL 97)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\sparksgw\0313568\0677271-sht-typical.dgn	PLOT SCALE = 6.0000' / in.	DRAWN -	REVISED -					34	(2)RS-4,(3)RS-5	MENARD	45	25
Default	PLOT DATE = Jun-06-2014 02:14:12PM	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72F 71		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									