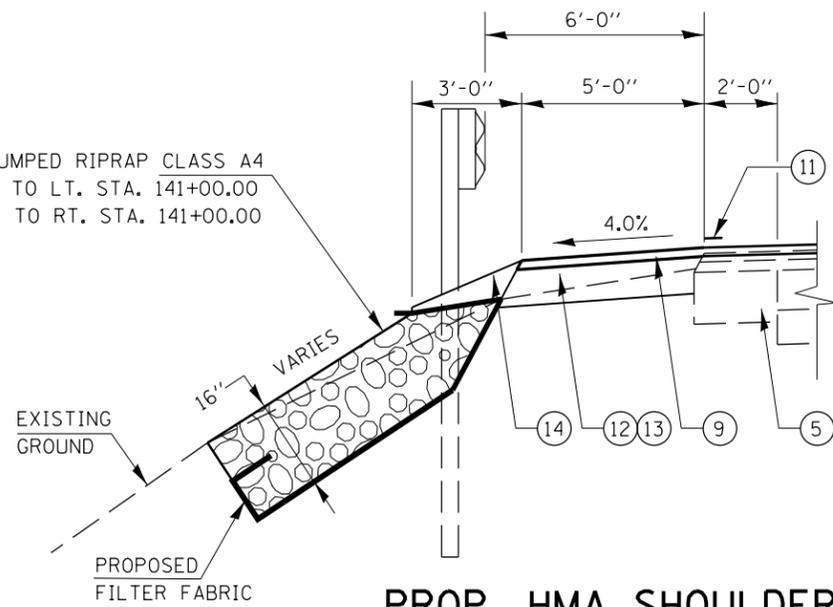
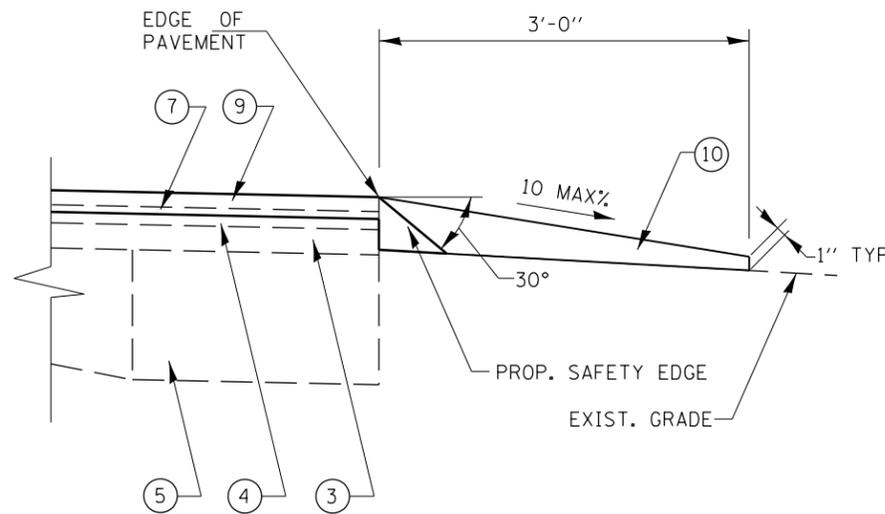


PROPOSED STONE DUMPED RIPRAP CLASS A4
 LT. STA. 139+25.00 TO LT. STA. 141+00.00
 RT. STA. 139+00.00 TO RT. STA. 141+00.00



**PROP. HMA SHOULDER
 DETAIL "B"**

LT. STA. 138+70.00 TO LT. STA. 141+77.00
 RT. STA. 138+94.00 TO RT. STA. 141+50.00



SAFETY EDGE NOTES:

1. THE AREA FOR THE SAFETY EDGE IS ESTIMATED AT 0.20 SQ. FT..
2. QUANTITY FOR SAFETY EDGE HAS BEEN INCLUDED IN THE QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

DETAIL "A"

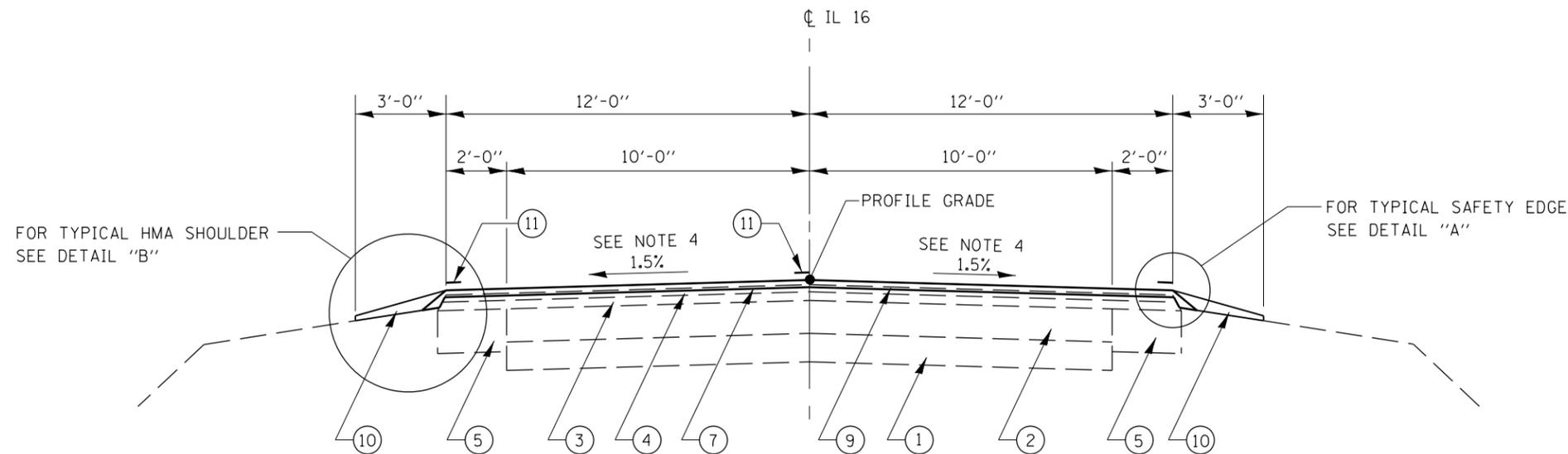
PROPOSED SAFETY EDGE

LEGEND

- ① EXIST. COMPACTED GRAVEL 6"
- ② EXIST. BITUMINOUS MATERIAL 7"
- ③ EXIST. HMA BINDER COURSE 1 3/4"
- ④ EXIST. HMA SURFACE COURSE 1 1/4"
- ⑤ EXIST. HMA BASE COURSE WIDENING 9"
- ⑥ EXIST. HMA SHOULDERS 8" WITH RUMBLE STRIP
- ⑦ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑧ PROP. HMA SURFACE REMOVAL 1 1/2"
- ⑨ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ⑩ PROP. AGGREGATE SHOULDER, TYPE B
- ⑪ PROP. PAINT PAVEMENT MARKING 5"
- ⑫ PROP. EXCAVATING AND GRADING EXIST. SHLDS.
- ⑬ PROP. HMA SHOULDERS 6 1/2"
- ⑭ PROP. AGGREGATE SHOULDER, TYPE B SPECIAL
- ⑮ PROP. LEVELING BINDER (MACHINE METHOD) N50
- ⑯ PROP. RUMBLE STRIP

**CONSTRUCTION SEQUENCE
 FOR HMA SHOULDERS 6 1/2"**

1. MILL EXISTING PAVEMENT.
2. CONSTRUCT 6 1/2" HMA SHOULDERS
3. FINISH WITH HMA SURFACE COURSE (1 1/2")



TYPICAL SECTION #3

STA. 73+50.00 TO STA. 245+00.00

NOTES:

1. MILL 1/2" MIN. AT ϕ AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. MILL 1/2" AS REQUIRED TO MAINTAIN SUPERELEVATED SECTION
3. IF SUPERELEVATION EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK - OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE SAME AS SUPERELEVATION IF OVER 4%
4. FOR LIMITS OF SUPERELEVATION SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY
5. FOR RUMBLE STRIP DETAILS SEE SHOULDER & RUMBLE STRIP DETAILS SHEET

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\dot\sparksgw\10264305\0672E47-sht-typical.dgn	DRAWN -	REVISED -	325					14 RS-5	MACOUPIN	70	5	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72E47									
PLOT DATE = Nov-01-2011 04:17:26PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									