

LEGEND

- ① EXIST. HOT-MIX ASPHALT PAVEMENT, 8''(±)
- ② EXIST. P.C.C. BASE COURSE, 9''(±)
- ③ EXIST. HOT-MIX ASPHALT SAFETY SHOULDER
- ④ EXIST. AGGREGATE SHOULDER (TO BE PARTIALLY REMOVED)
- ⑤ PROP. HOT-MIX ASPHALT SHOULDER, 8''
- ⑥ PROP. SUBBASE GRANULAR MATERIAL, TYPE C, 4''
- ⑦ PROP. SHOULDER RUMBLE STRIPS
- ⑧ PROP. AGGREGATE WEDGE SHOULDER, TYPE B

NOTES:

* NEW SHOULDER PLUS EXISTING SAFETY SHOULDER SHALL EQUAL 4'

RUMBLE STRIPS ARE TO BE PLACED ON NEW HMA SHOULDERS AND IN AREAS WHERE 4' (OR MORE) HMA SHOULDERS EXIST WITHIN THE PROJECT LIMITS.

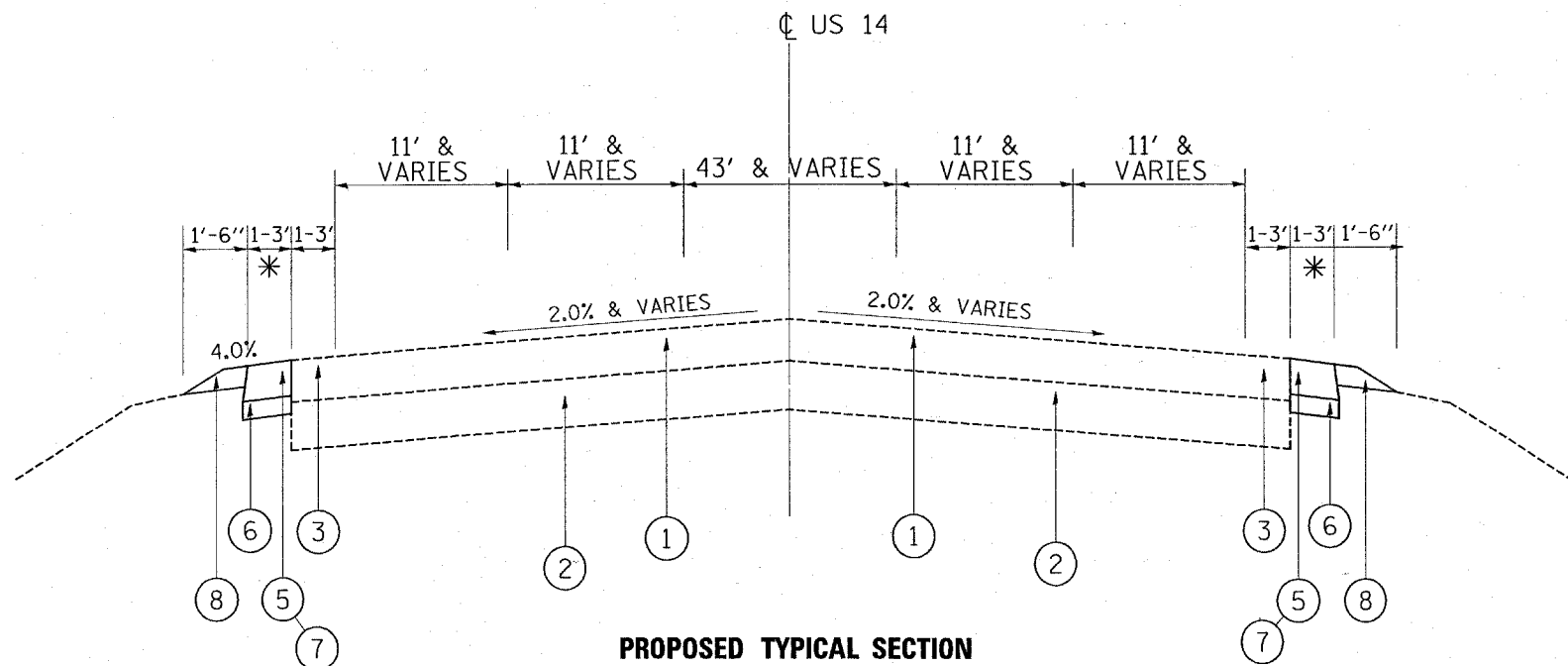
SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642001

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
SHOULDERS	HOT-MIX ASPHALT SHOULDERS, 8''	PG 64-22*	2% @ 30 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22



FILE NAME =	USER NAME = smythkl	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTION US 14 (IL 23 TO WEST OF IL 120)			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\projects\01010209\design.ae.dgn		DRAWN -	REVISIONS -		SCALE:	SHEET NO. 4 OF 21 SHEETS	STA.	TO STA.	305	2007-048 I	MCHENRY	19	4
		PLOT SCALE = 52.9397' / IN.	CHECKED -						CONTRACT NO. 60D38				
		PLOT DATE = 12/27/2007	DATE -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				