

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' MINIMUM.

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 = SMITHKL	SMITHKL DESIGNED - REVISED - A 2/14/08		S.	EXISTING AND PROPOSED TYPICAL SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	
c:\projects\d101008\design_aa.dgn		DRAWN -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 14 (IL 47 TO IL 176)				305	2007-048 I	I MCHENRY 19	19 4
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -						CONTRACT NO. 60D38			
	PLOT DATE = 2/15/2008	DATE -	REVISED -		SCALE:	SHEET NO. 4 OF 21 SHEETS	STA.	TO STA.	FED. ROAD DI			