

EXISTING TYPICAL SECTION BARNARD MILL ROAD

STA 101+88 TO STA 258+69

DENOTES AREA OF HOT-MIX

•• HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2" FROM STA 252+91 TO STA 258+69

NOTES:
• EX CONC GUTTER FROM STA 252+91 TO STA 258+69 BOTH SIDES OF ROADWAY

PR & EX © 30' 14'-15' VARIES VARIES VARIES VARIES VARIES E 6 D A 12'-13' VARIES VARIES VARIES D 6 E

PROPOSED TYPICAL SECTION BARNARD MILL ROAD

STA 101+88 TO STA 258+69

NOTES:
• EX CONC GUTTER FROM STA 252+91 TO STA 258+69 BOTH SIDES OF ROADWAY

PROPOSED LEGEND

EXISTING LEGEND

HOT-MIX ASPHALT PAVEMENT; DEPTH 8"±

HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH

AGGREGATE SUBBASE; 12"±

AGGREGATE SHOULDERS
EXISTING GROUND

- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 1 $\frac{1}{2}$ "
- 2 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 $\frac{1}{4}$ "
- 3 BITUMINOUS MATERIALS (PRIME COAT)
- 4) AGGREGATE (PRIME COAT)
- 5 CLASS D PATCHES, 6 INCH
 (AS DIRECTED BY THE ENGINEER)
- 6 AGGREGATE SHOULDERS, TYPE B
 (9% MAX SLOPE)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS									
MIXTURE TYPE	AIR VOIDS @ Ndes								
PAVEMENT RESURFACING									
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 1 1/2"	4% @ 50 GYR								
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/4"	4% @ 50 GYR								
PATCHING									
CLASS D PATCH, (HMA BINDER IL-19mm); 6"	4% @ 70 GYR.								
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm); 2 1/4"	4% @ 70 GYR								
DRIVEWAY									
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 3"	4% @ 50 GYR.								

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUATITIES IS 112 LBS/SQ YD/IN
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED
HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR PERCENT OF RAP SEE DISTRICT ONE SPECIAL PROVISIONS.

THE SURFACE COURSE SHALL BE INSTALLED 1/4" ABOVE THE GUTTER FLAG.

	UPGroon com	USER NAME = JStrzel	DESIGNED - JJS	REVISED -	VILLAGE OF RINGWOOD SCALE:	BARNARD MILL ROAD EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.U.	SECTION	COUNTY	TOTAL	SHEET
HRGreen	Illinois Professional Design Firm		DRAWN ~ JJS	REVISED -				4083	11-00004-00-RS	MCHENRY	17	NU.
	#184-001322	PLOT SCALE = NTS PLOT DATE = 1/31/2012	CHECKED - AC DATE - 1/31/12	REVISED - REVISED -		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS STA. BEG TO STA. END		ILL INDIS FFD.	CONTRAC	T NO.	63696
		PEOI DMIE - 1/31/2012	DATE 1731712	TALVISED		SCALE: N13	SHEET NO. TOP I SHEETS STA. BEG TO STA. END		ILLINOIS FED. A	ID PROJECT		