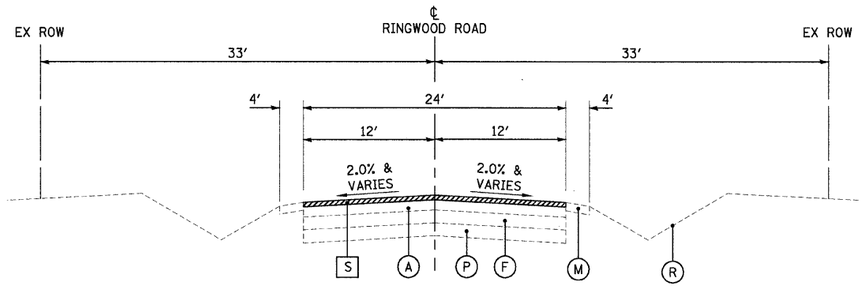
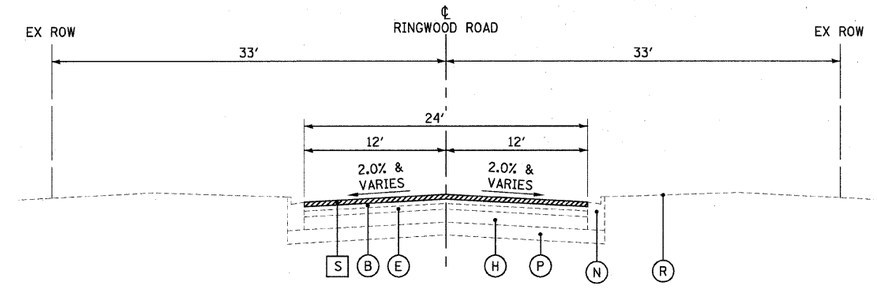
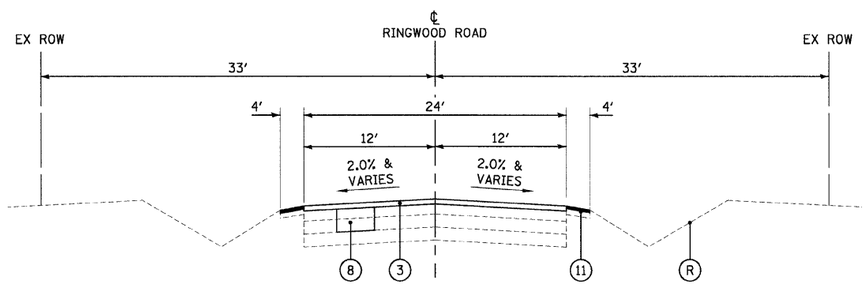


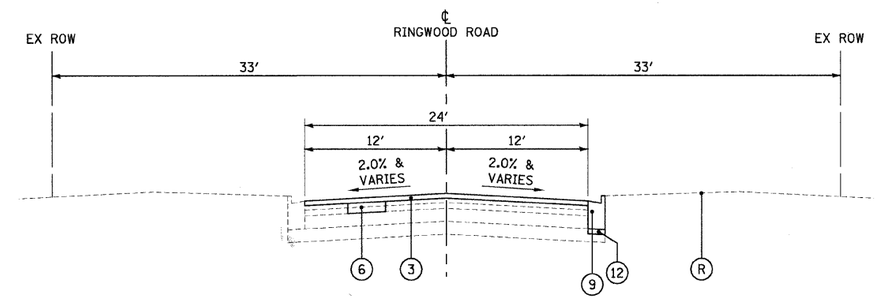
EXISTING TYPICAL SECTION
RINGWOOD ROAD
(NOT TO SCALE)
STA. 75+35 TO STA. 100+00



EXISTING TYPICAL SECTION
RINGWOOD ROAD
(NOT TO SCALE)
STA. 100+00 TO STA. 111+34



PROPOSED TYPICAL SECTION
RINGWOOD ROAD
(NOT TO SCALE)
STA. 75+35 TO STA. 100+00



PROPOSED TYPICAL SECTION
RINGWOOD ROAD
(NOT TO SCALE)
STA. 100+00 TO STA. 111+34

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE		
RESURFACING	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 2"	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; (IL 9.5mm); 1 1/2" - 2"	PG 64-22	4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50	PG 64-22 / 58-22	4% @ 50 GYR.
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm); TYPE I - IV - 4-INCH, TYPE I - IV - 6-INCH, TYPE I - IV - 11-INCH, TYPE I - IV - 13-INCH	PG 64-22 / 58-22	4% @ 70 GYR.
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; (IL 9.5 mm); 1 1/2" - 2"	PG 64-22	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ. YD./IN

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

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, 3" - 5"
- (B) HOT-MIX ASPHALT SURFACE COURSE, 3 1/2" - 4 1/2"
- (C) HOT-MIX ASPHALT SURFACE COURSE, 8 1/4" - 11 1/4"
- (D) HOT-MIX ASPHALT SURFACE COURSE, 5" - 9"
- (E) HOT-MIX ASPHALT BINDER COURSE, 1 1/2"
- (F) BITUMINOUS STABILIZED GRANULAR MATERIAL, 8 1/2" - 11"
- (G) BITUMINOUS STABILIZED GRANULAR MATERIAL, 2 1/4" - 4"
- (H) AGGREGATE BASE COURSE, 11" - 11 1/2"
- (J) AGGREGATE BASE COURSE, 3" - 7 1/2"
- (K) AGGREGATE BASE COURSE, 4 1/2" - 12 1/4"
- (L) HOT-MIX ASPHALT SHOULDER (FULL DEPTH)
- (M) AGGREGATE SHOULDER
- (N) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) EXISTING SUB-GRADE
- (R) GROUND SURFACE
- [S] HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (▨) ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (4) LEVELING BINDER (MACHINE METHOD), N50 - 3/4" MIN.
- (5) CLASS D PATCHES, TYPE I - IV, 4-INCH
- (6) CLASS D PATCHES, TYPE I - IV, 6-INCH
- (7) CLASS D PATCHES, TYPE I - IV, 11-INCH
- (8) CLASS D PATCHES, TYPE I - IV, 13-INCH
- (9) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (10) HOT-MIX ASPHALT SHOULDERS
- (11) AGGREGATE SHOULDERS, TYPE B
- (12) AGGREGATE BASE COURSE, TYPE B - 4"

*F.A.U. 0166 RINGWOOD ROAD AND F.A.U. 4083 BARNARD MILL ROAD

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001007 EXPIRES 4/30/2009
418cjc 5/29/2008
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	DRAWN - CJC	REVISED -	
FILE NAME = 080006-TYP.sht	CHECKED - RWL	REVISED -	
PLOT DATE = 5/29/2008	DATE - 3/28/08	REVISED -	

BAXTER & WOODMAN Consulting Engineers

VILLAGE OF RINGWOOD, ILLINOIS
RINGWOOD ROAD AND
BARNARD MILL ROAD STP (LAPP)
IMPROVEMENTS

TYPICAL SECTIONS AND
HMA MIXTURE REQUIREMENTS

SCALE: NONE STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	08-00002-00-RS	McHENRY	24	4
FED. ROAD DIST. NO.		CONTRACT NO. 63056		
C-91-225-08	ILLINOIS	FED. AID PROJECT M-8003(961)		