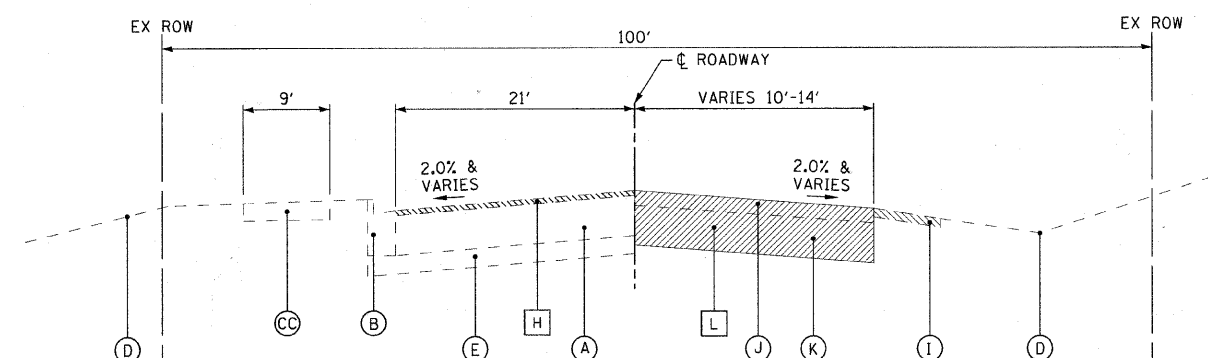
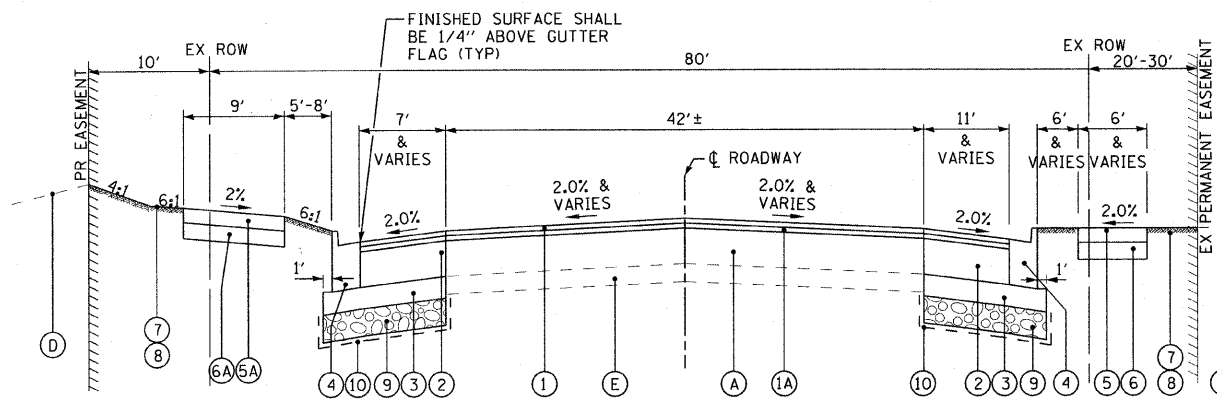


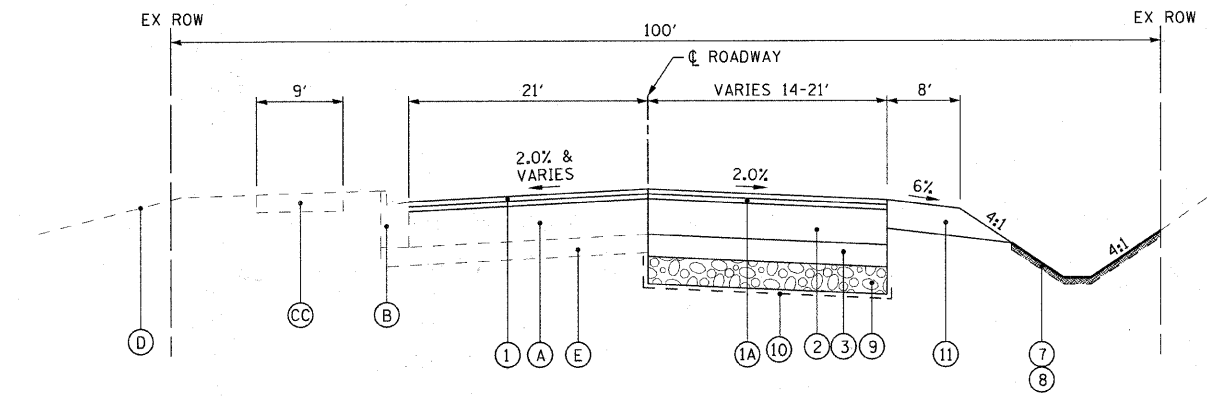
**EXISTING TYPICAL SECTION  
RIVER ROAD  
STA 107+82 TO STA 116+81**



**EXISTING TYPICAL SECTION  
BLACK ROAD  
STA 205+49 TO STA 208+29**



**PROPOSED TYPICAL SECTION  
RIVER ROAD  
STA 107+82 TO STA 116+81**



**PROPOSED TYPICAL SECTION  
BLACK ROAD  
STA 205+49 TO STA 208+29**

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**  
THE CONTRACTOR SHALL PATCH BEFORE COMPLETING MILLING

MIXTURE TYPE	VOIDS
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75 N50	4% @ 50 GYR
<b>RECONSTRUCTION</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75 N50	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm) - 9" (IN 3 LIFTS)	4% @ 70 GYR
<b>PAVEMENT WIDENING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75 N50	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm) - 9" (IN 3 LIFTS)	4% @ 70 GYR
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19mm); TYPE I-IV - 8"	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR
<b>HOT-MIX ASPHALT BIKE PATHS</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm)	4% @ 50 GYR

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SO YD/IN
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" 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.

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT BASE, BINDER & SURFACE COURSES, - 11.5"±
- (B) EXISTING CURB AND GUTTER
- (C) EXISTING CONCRETE SIDEWALK
- (CC) EXISTING HMA BIKE PATH
- (D) GROUND SURFACE (12" AVG. TOPSOIL DEPTH)
- (E) AGGREGATE BASE - 4" AND VARIES
- (F) COMBINATION CURB AND GUTTER REMOVAL
- (G) SIDEWALK REMOVAL
- (GG) BIKE PATH REMOVAL
- (H) HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- (I) AGGREGATE SHOULDER - 4"±
- (J) EXISTING HOT-MIX ASPHALT SURFACE - 4.5"
- (K) EXISTING AGGREGATE BASE - 8"
- (L) PAVEMENT REMOVAL
- [Hatched Box] ITEM TO BE REMOVED

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (1A) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (2) HOT-MIX ASPHALT BASE COURSE, 9"
- (3) AGGREGATE SUBGRADE - 12"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (11.5" MIN FLAG DEPTH)
- (5) PCC SIDEWALK - 5"
- (5A) HMA SURFACE COURSE, MIX "C", N50, 2" (ON BIKE PATH)
- (6) AGGREGATE BASE COURSE, TYPE B - 4"
- (6A) AGGREGATE BASE COURSE, TYPE B - 8" (BIKE PATH)
- (7) TOPSOIL FURNISH AND PLACE - 4"
- (8) SODDING, SALT TOLERANT
- (9) POROUS GRANULAR EMBANKMENT, SUBGRADE (AS DETERMINED BY THE ENGINEER)
- (10) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (IN UNDERCUT AREAS)
- (11) AGGREGATE SHOULDERS, TYPE B-6"

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. 184-00121 - EXPIRES 4/30/2011  
 508824 AM  
 2/27/2011  
 PROJECT: VILLAGE OF SHOREWOOD, ILLINOIS - BLACK ROAD & RIVER ROAD INTERSECTION IMPROVEMENT  
 SURVEY: 090491-PH2-TYPSEC.AMT  
 DATE: 12/6/10



DESIGNED - DSH	REVISED - 1-19-11 PER VILLAGE
DRAWN - CJC	REVISED - 1-31-11 PER IDOT
CHECKED - LDH	REVISED -
DATE - 12/6/10	FILE - 090491-PH2-typsec.shd

**VILLAGE OF SHOREWOOD, ILLINOIS  
BLACK ROAD & RIVER ROAD  
INTERSECTION IMPROVEMENT**

**TYPICAL SECTIONS AND  
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

SCALE: \_\_\_\_\_ STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE. 0298 0396	SECTION 09-00028-00-CH	COUNTY WILL	TOTAL SHEETS 63	SHEET NO. 10
C-91-726-09		CONTRACT NO. 63562		
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT M-9003(385)				