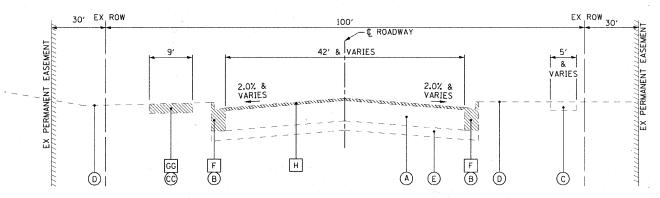


EXISTING TYPICAL SECTION

BLACK ROAD

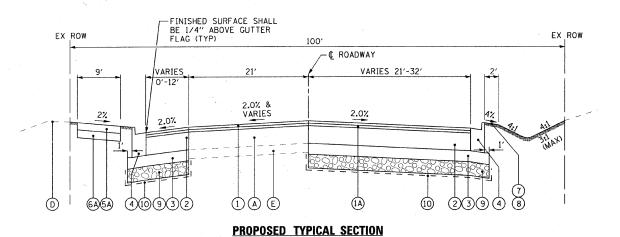
STA 208+29 TO STA 212+78



EXISTING TYPICAL SECTION

BLACK ROAD

STA 212+78 TO STA 220+12



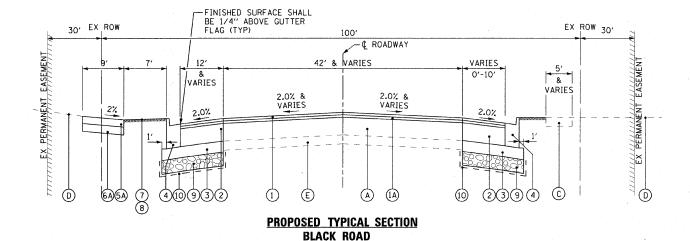
STA 208+29 TO STA 212+78

BLACK ROAD

PROPOSED LEGEND

- B EXISTING CURB AND GUTTER
- C EXISTING CONCRETE SIDEWALK
- (C) 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"
- AGGREGATE SHOULDER 4"±
- (J) EXISTING HOT-MIX ASPHALT SURFACE 4.5"
- (K) EXISTING AGGREGATE BASE 8"
- L PAVEMENT REMOVAL
- ITEM TO BE REMOVED

- 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"
- \bigodot 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"



POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT LOCATIONS INDICATED FOR SOILS THAT ARE CONSIDERED TO BE UNSTABLE OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL (REV. 2005). IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED AS INDICATED IN THE CONTRACT PLANS, THEN THE QUANTITY OF PGES SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

STA 212+78 TO STA 220+12

STRUCTURAL DESIGN DATA

STREET	STRUCTURAL DESIGN TRAFFIC		STREET TRAFFIC CLASS FACTOR		SSR	TEMP	TEMP STRAIN	AC	E REO'D HMA THICKNESS	MECHANISTIC PAVEMENT DESIGN		
	PV	SU	MU									
RIVER ROAD	19,008	144	48	II	0.50	POOR	78 . 2℉	130	PG64-22	585	9 IN	1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 9" HOT-MIX ASPHALT BASE COURSE 12" AGGREGATE SUBGRADE
BLACK ROAD	14,209	218	73	II	0.54	POOR	78 . 2℉	127	PG64-22	585	9 . 25 IN	1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 9" HOT-MIX ASPHALT BASE COURSE 12" AGGREGATE SUBGRADE

WOODMAN

 DATE	-	12/6/10	FILE -	090491-PH2-typsec.sh
	-	10.10.110		000404 000
CHECKED	-	LDH	REVISED	-
DRAWN	-	CJC	REVISED	1-31-11 PER IDOT
DESIGNED	-	DSH .	REVISED	- 1-19-11 PER VILLAGE

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

TYPICAL SECTIONS AND STR	UCTURAL DE	SIGN DATA
SCALE: NONE	STA.	TO STA. FE

A.U.	SECTION	COUNTY	TOTAL	SHEET NO.
0298 0396	09-00028-00-CH	WILL	63	9
	C-91-726-09	CONTRACT	NO. 63	3562
ED. RO	DAD DIST. NO. 1 ILLINOIS FED. A	D PROJECT I	M-9003(38	5)