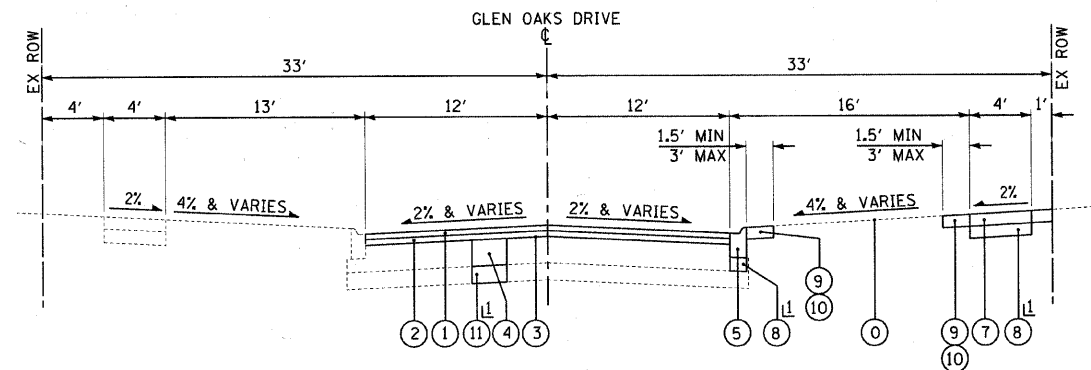


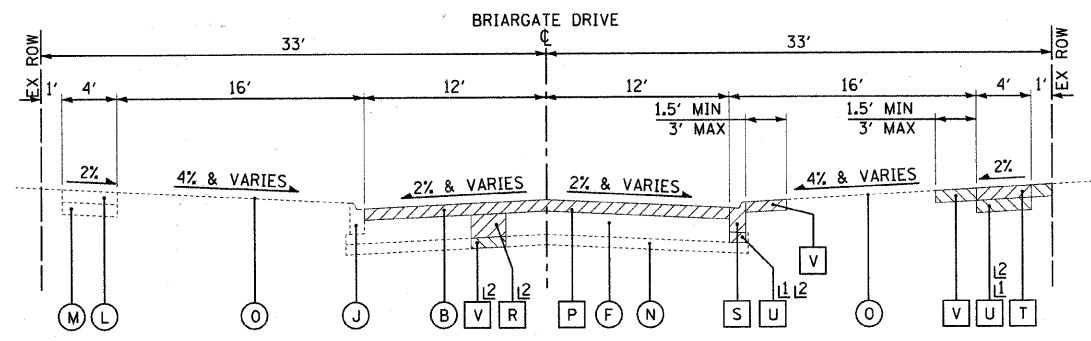
**EXISTING TYPICAL SECTION
GLEN OAKS DRIVE**
STA 9+45 TO STA 30+74

- 11 AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
- 12 EXACT LOCATIONS DETERMINED BY THE ENGINEER



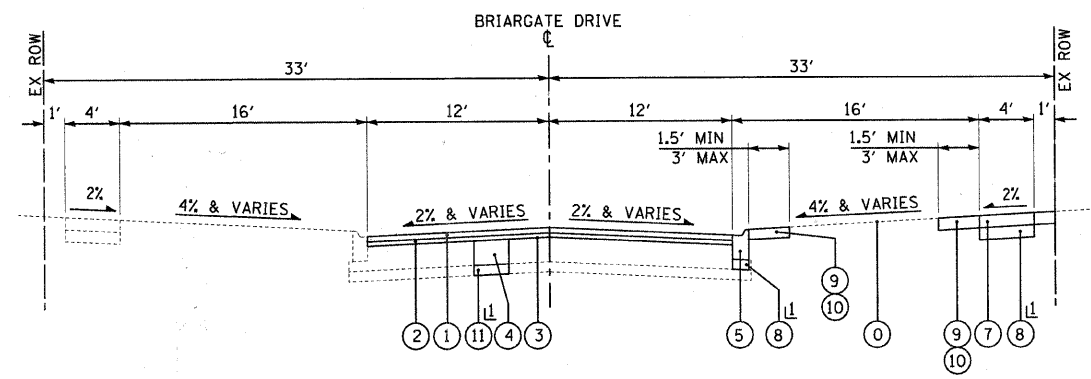
**PROPOSED TYPICAL SECTION
GLEN OAKS DRIVE**
STA 9+45 TO STA 30+74

11 AS REQUIRED



**EXISTING TYPICAL SECTION
BRIARGATE DRIVE**
STA 1+00 TO STA 7+33

- 11 AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
- 12 EXACT LOCATIONS DETERMINED BY THE ENGINEER



**PROPOSED TYPICAL SECTION
BRIARGATE DRIVE**
STA 1+00 TO STA 7+33

11 AS REQUIRED

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT, 3" - 6"
- (B) HOT-MIX ASPHALT PAVEMENT, 4 1/2"
- (C) HOT-MIX ASPHALT PAVEMENT, 2 1/2"
- (D) HOT-MIX ASPHALT PAVEMENT, 4 1/4"
- (E) AGGREGATE BASE COURSE, 5 1/2" - 8"
- (F) AGGREGATE BASE COURSE, 7" - 7 1/2"
- (G) AGGREGATE BASE COURSE, 7 3/4"
- (H) AGGREGATE BASE COURSE, 5 3/4"
- (J) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (K) NOT USED
- (L) SIDEWALK
- (M) AGGREGATE BASE COURSE
- (N) SUB-GRADE
- (O) GROUND SURFACE
- (P) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (R) BASE COURSE REMOVAL (SPECIAL)
- (S) COMBINATION CURB AND GUTTER REMOVAL
- (T) SIDEWALK REMOVAL (SPECIAL)
- (U) AGGREGATE BASE COURSE REMOVAL (NOT PAID FOR SEPARATELY)
- (V) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (W) HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- 11 ITEM TO BE REMOVED

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 2"
- 2 HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 - 3"
- 3 PREPARATION OF BASE
- 4 AGGREGATE BASE COURSE, TYPE B
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12 (SPECIAL)
- 6 NOT USED
- 7 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, (SPECIAL)
- 8 AGGREGATE BASE COURSE, TYPE B 4"
- 9 TOPSOIL, FURNISH AND PLACE 4"
- 10 SODDING
- 11 POROUS GRANULAR EMBANKMENT, SUBGRADE **
- 12 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 1 1/2", 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL 19mm, N50; 3"	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 3"	4% @ 50 Gyr.

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

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

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DESIGNED - MWP	REVISED - 12-01-10 IDOT REVIEW
DRAWN - KAR	REVISED -
CHECKED - RWL	REVISED -
DATE - 10-01-10	FILE - 041180-TypSec.dwg

**CITY OF COUNTRY CLUB HILLS, ILLINOIS
GLEN OAKS DRIVE INFRASTRUCTURE IMPROVEMENTS**

SCALE: NONE

STA. TO STA.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	04-00027-03-PV	COOK	36	7
C-91-004-05		CONTRACT NO. 63539		
FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT HPD-897(008)		