

HOT-MIX ASPHALT MIXTURE REQUIREMENTS NOTES:

- CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70; 2 1/2"	4% @ 70 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/4"	4% @ 50 Gyr.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm): TYPE I - IV - 8 INCH, TYPE I - IV - 12 INCH	4% @ 70 Gyr.
TEMPORARY PAVEMENT	
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 6"	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 MIXES 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) HOT-MIX ASPHALT SURFACE COURSE, 1"
- (B) HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- (C) HOT-MIX ASPHALT SURFACE COURSE, 1 3/4"
- (D) HOT-MIX ASPHALT SURFACE COURSE, 2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, 2 1/2"
- (F) AREA REFLECTIVE CRACK CONTROL TREATMENT (PETROMAT)
- (G) HOT-MIX ASPHALT BINDER COURSE, 1 3/4"
- (H) HOT-MIX ASPHALT BINDER COURSE, 2"
- (J) HOT-MIX ASPHALT BINDER COURSE, 2 1/4"
- (K) HOT-MIX ASPHALT BASE COURSE, 5 1/4" - 8 1/2"
- (L) HOT-MIX ASPHALT BASE COURSE, 6 1/4" - 8 1/4"
- (M) HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- (N) CRUSHED LIMESTONE, 3 1/2" - 14"
- (O) SUB-BASE GRANULAR MATERIAL, TYPE B, 12"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (T) EXISTING SIDEWALK
- (U) AGGREGATE BASE COURSE
- (V) EXISTING SUB-GRADE
- (W) GROUND SURFACE
- (X) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (Y) HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"
- (Z) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (AA) SIDEWALK REMOVAL
- (BB) AGGREGATE BASE COURSE REMOVAL (INCLUDED IN THE COST OF ITEM REMOVED ABOVE)
- (CC) PARKWAY REMOVAL (INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT OR TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN)
- (DD) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS **
- ▨ ITEM TO BE REMOVED

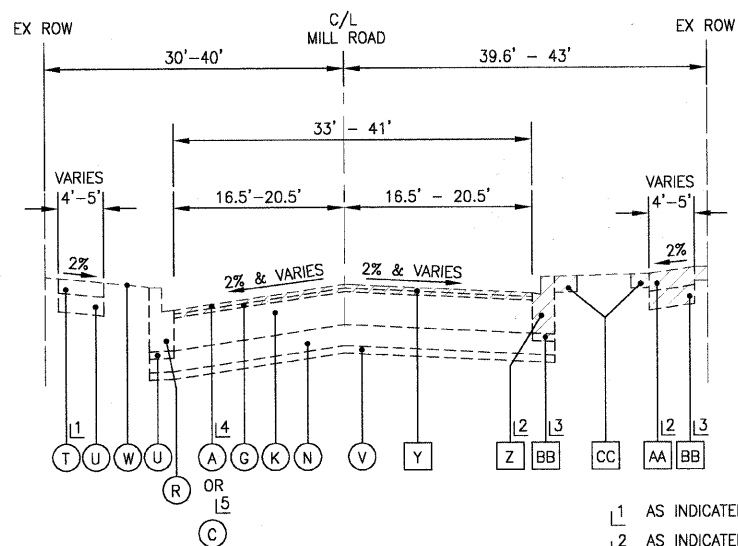
** POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY 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.

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 1/2"
- (3) NOT USED
- (4) NOT USED
- (5) CLASS D PATCHES, TYPE I - IV, 8 INCH
- (6) CLASS D PATCHES, TYPE I - IV, 12 INCH
- (7) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (9) AGGREGATE BASE COURSE, TYPE B 4"
- (10) TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN (SEE LEGEND NOTES 1 & 2 THIS SHEET)
- (11) SEEDING, CLASS 1A (SEE LEGEND NOTE 1 THIS SHEET)
- (12) POROUS GRANULAR EMBANKMENT, SUBGRADE** (AS DETERMINED BY THE ENGINEER) - 6" MIN
- (13) EXCELSIOR BLANKET, SPECIAL
- (14) AGGREGATE BASE COURSE, TYPE B 3"

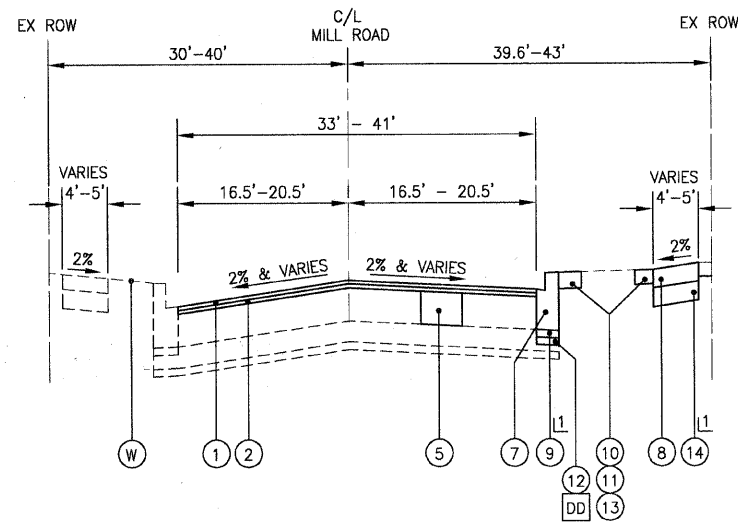
LEGEND NOTES:

- PARKWAY DAMAGED BY COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE RESTORED WITH PULVERIZED TOPSOIL, EXCELSIOR BLANKET, SPECIAL AND SEED FOR A MINIMUM DISTANCE OF 2' PERPENDICULAR TO THE BACK OF CURB. RESTORATION SHALL BE INCLUDED IN THE COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT PAY ITEM.
- PARKWAY DAMAGED BY WATER MAIN INSTALLATION, DRIVEWAY OR SIDEWALK REMOVAL AND REPLACEMENT, OR SIDEWALK INSTALLATION SHALL BE PAID FOR SEPARATELY AS TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN; EXCELSIOR BLANKET, SPECIAL; AND SEEDING, CLASS 1A. THE AREA OF RESTORATION SHALL BE DETERMINED BY THE VILLAGE AND ENGINEER. ANY AND ALL RESTORATION BEYOND THESE LIMITS SHALL BE COMPLETED TO THE SATISFACTION OF THE VILLAGE AND ENGINEER AT THE CONTRACTOR'S EXPENSE.
- SIDEWALK REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN. MINIMUM SIDEWALK REMOVAL AND REPLACEMENT SHALL BE 25 SQ. FT.
- CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN. MINIMUM CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE 10 FT.



**EXISTING TYPICAL SECTION
MILL ROAD
STA. 97+00 TO STA. 119+53
(NOT TO SCALE)**

- 1 AS INDICATED IN PLANS
- 2 AS INDICATED IN PLANS OR AS DETERMINED BY THE ENGINEER
- 3 AS REQUIRED
- 4 LOCATED BETWEEN STA 97+00 TO STA 110+10
- 5 LOCATED BETWEEN STA 110+10 TO STA 119+53



**PROPOSED TYPICAL SECTION
MILL ROAD
STA. 97+00 TO STA. 119+53
(NOT TO SCALE)**

- 1 INCLUDED IN PAY ITEM ABOVE

I:\ADDITION\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-TYP-SEC.DWG 12
 P: 11/23/2009 3:47 PM By: 5606CAF
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	DESIGNED - MWP	REVISED - VILLAGE REVIEW 9-08-09
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
	CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
	DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:		*	09-00098-00-RS	DuPage	69	12
PROJECT NO: 070142		STA.		TO STA.		
		C-91-056-10		CONTRACT NO. 63427		
		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT M-9003 (474)

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD