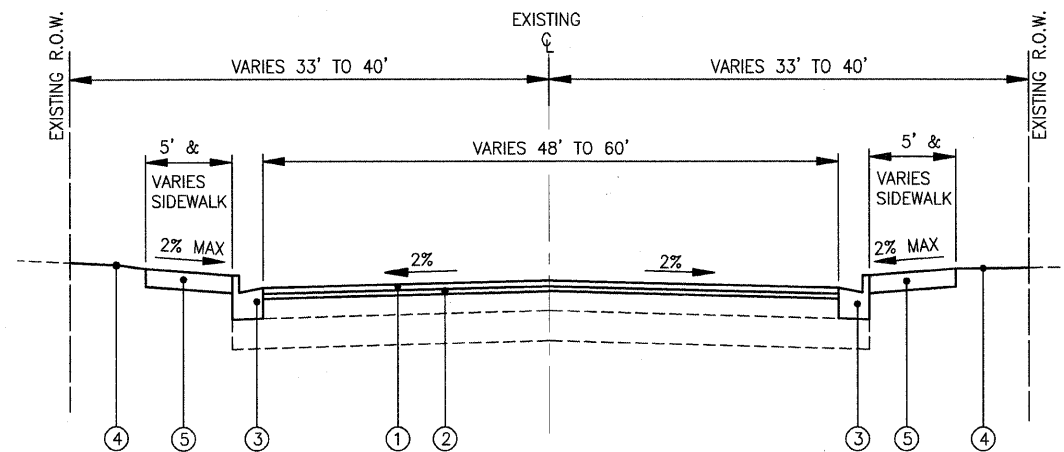


EXISTING TYPICAL SECTION
STA. 1+00 TO STA. 36+00
ST. CHARLES ROAD
 (NOT TO SCALE)



PROPOSED TYPICAL SECTION
STA. 1+00 TO STA. 36+00
ST. CHARLES ROAD
 (NOT TO SCALE)

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 3 1/2"
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIES 7.5" TO 12"
- (C) EXISTING AGGREGATE BASE COURSE
- (D) EXISTING CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING SIDEWALK (PCC OR BRICK PAVERS)
- (F) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- (G) EXISTING PCC PAVEMENT, VARIES 6" TO 11"
- (H) CONCRETE PAVERS, 6CM
- (I) SAND CUSHION, 1"
- (J) SUB BASE GRANULAR MATERIAL, TYPE B, 6"
- (K) CONCRETE EDGING, 12" WIDE
- (L) SUB BASE GRANULAR MATERIAL, TYPE B, 4"
- (M) GEOTECHNICAL STABILIZATION FABRIC

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2 1/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, TYPE B-6.12 (AS DETERMINED BY THE ENGINEER)
- (4) TOPSOIL FURNISH AND PLACE, 4" (AS DETERMINED BY THE ENGINEER) SODDING, SPECIAL (AS DETERMINED BY THE ENGINEER)
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5" , SPECIAL OR BRICK SIDEWALK REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- (6) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (7) STRIP REFLECTIVE CRACK CONTROL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

MIX TYPE	AIR VOIDS @ Ndes
ROADWAY	
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.
PATCHING	
CLASS D PATCHES, 12 INCH, (HMA BINDER, IL-19mm)	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY-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.

I:\LMBD\090317-St. Char. LAPP\CADD-SURVEY\DRAWINGS\DWGS\090317-TYPSEC.dwg - 01
 Plotted: 2-08-10 @ 8:44am By: 560kar
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DESIGNED - TMS	REVISED - PER VILLAGE REVIEW 09-09-09
DRAWN - KAR	REVISED - PER VILLAGE REVIEW 09-16-09
CHECKED -	REVISED - PER IDOT REVIEW 09-17-09
DATE - 06-26-09	REVISED - PER IDOT FINAL COMMENTS 01-18-10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ST. CHARLES ROAD
EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE:	PROJECT NO: 090317	STA. TO STA.	F.A.P. RTE. 1397	SECTION 09-00153-00-RS	COUNTY DuPAGE	TOTAL SHEETS 36	SHEET NO. 6
						CONTRACT NO. 63351	
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-ARA-9003(421)	