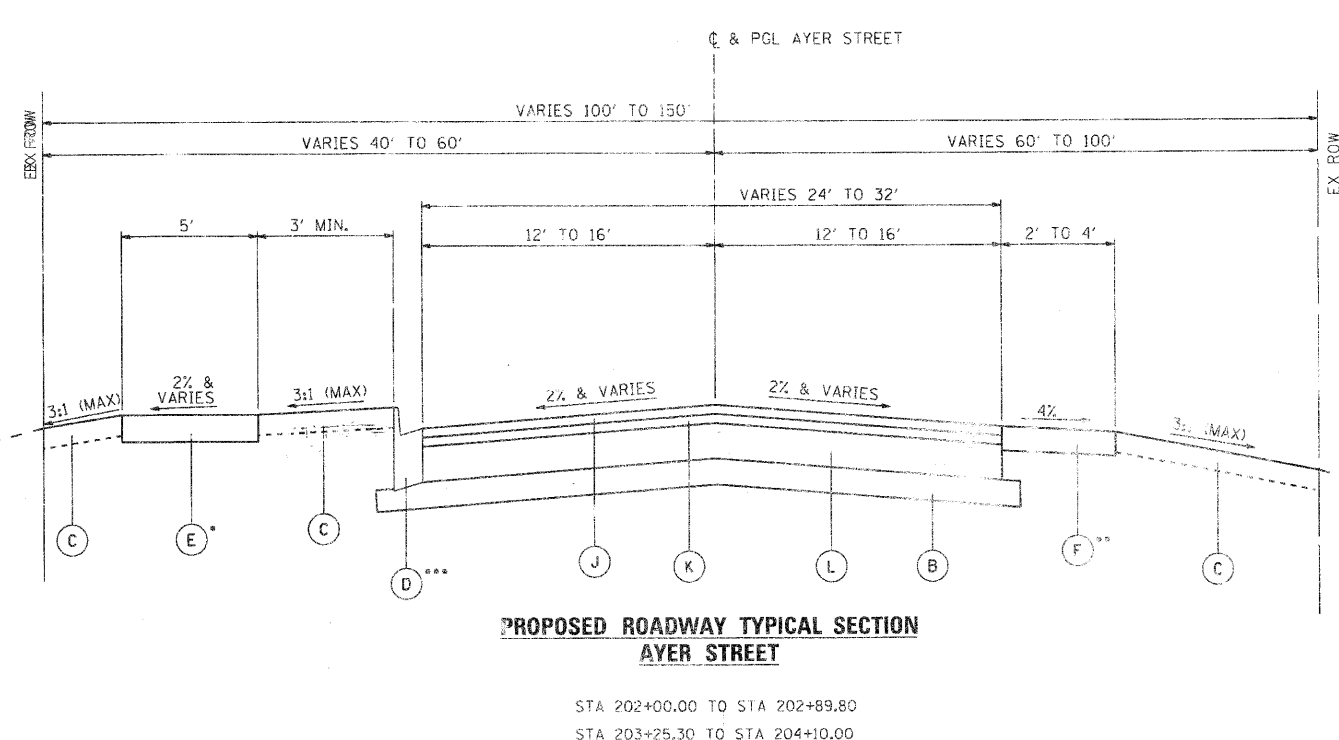


**EXISTING ROADWAY TYPICAL SECTION
AYER STREET**
STA 202+00.00 TO STA 202+98.98
STA 203+23.75 TO STA 204+10.00



**PROPOSED ROADWAY TYPICAL SECTION
AYER STREET**
STA 202+00.00 TO STA 202+89.80
STA 203+25.30 TO STA 204+10.00

EXISTING LEGEND

- ① EXISTING GROUND
- ② AGGREGATE SHOULDER
- ③ EXISTING HOT-MIX ASPHALT PAVEMENT
- ④ EXISTING SIDEWALK
- ⑤ EXISTING THREE CELL 10'x4' CAST-IN-PLACE CONCRETE BOX CULVERT
- ▨ INDICATES ITEMS TO BE REMOVED

PROPOSED LEGEND

- Ⓐ FURNISHED EXCAVATION
- Ⓑ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- Ⓒ TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A
- Ⓓ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- Ⓔ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- Ⓕ AGGREGATE SHOULDERS, TYPE B, 6"
- Ⓖ PRECAST CONCRETE BOX CULVERT 10'x5' (M273)
- Ⓗ BOX CULVERT END SECTIONS, TYP.
- Ⓘ PARAPET RAILING
- Ⓙ HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50
- Ⓚ HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50
- Ⓛ HOT-MIX ASPHALT BASE COURSE, 8"

HOT-MIX ASPHALT REQUIREMENTS		AIR VOIDS @ N _{req}
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50 (IL-9.5 mm) (2")	4% @ 50 Gyr.	
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50 (IL-9.5 mm) (2")	4% @ 50 Gyr.	
HOT-MIX ASPHALT BASE COURSE, 8" (IL-9.5 mm) (IN 3 LIFTS)	4% @ 50 Gyr.	
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"		
HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50 (IL-9.5 mm) (2")	4% @ 50 Gyr.	
HOT-MIX ASPHALT BASE COURSE, 6" (IL-9.5 mm) (IN 2 LIFTS)	4% @ 50 Gyr.	

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES 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 RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

• SIDEWALK LOCATIONS:
EXISTING: STA. 203+18 TO STA 203+94 LT
PROPOSED: STA. 202+89.79 TO STA 203+94 LT
SIDEWALK IS SLOPE AT 2% TOWARD THE ROADWAY FROM STA. 202+89.79 TO STA. 203+25.30 LT
SIDEWALK IS SLOPE AT 2% AWAY FROM THE ROADWAY FROM STA. 203+25.30 TO STA. 203+94 LT

** AGGREGATE SHOULDER LOCATIONS:
EXISTING: STA. 202+00 TO STA 202+79.06 LT
STA. 202+00 TO STA. 202+22.72 RT
PROPOSED: STA. 202+00 TO STA 202+46.04 RT & LT

*** CURB & GUTTER LOCATIONS:
EXISTING: STA. 203+87.87 TO STA 204+10 LT
PROPOSED: STA. 202+46.04 TO STA 204+10 RT & LT

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: Robert G. Davies
CLIENT: City of Harvard
DATE PLOTTED: 8/16/2010 8:33:59 AM
FILE NAME: 080594.dwg
PLOT DATE: 8/16/2010
PLOT TIME: 8:33:59 AM
PLOT USER: rjones

DESIGNED - JPG	REVISED -
DRAWN - WJH	REVISED -
CHECKED - RGD	REVISED -
DATE - 8/16/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

AYER STREET OVER MOKELER CREEK TYPICAL SECTIONS		F.A.I. RTE. 0005	SECTION 06-00057-00-BR	COUNTY McHENRY	TOTAL SHEETS 22	SHEET NO. 4
SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
						CONTRACT NO. 63508