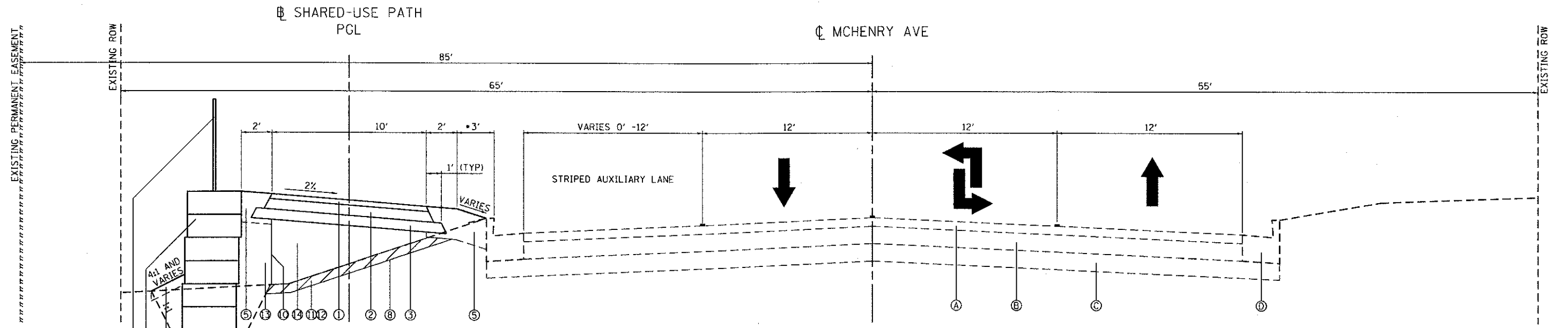


EXISTING TYPICAL SECTION
MCHENRY AVENUE
STA 140+41 TO STA 147+19



PROPOSED TYPICAL SECTION
MCHENRY AVENUE

MCHENRY AVENUE - STA 140+41 TO STA 147+19
SHARED-USE PATH - STA 40+18 TO STA 47+10

- VARIES 31' TO 3' FROM STA 140+41 TO 141+08
40+18 TO 41+03
- RETAINING WALL FROM STA 142+40 TO 144+45

HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART

OPERATIONS	MIXTURE TYPE	PERCENT AIR VOIDS
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM), 1 1/2" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	4% @ 50 GYR 3.5% @ 50 GYR
SHARED-USE PATH	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4" (2 LIFTS) STABILIZED SUBBASE 4"	4% @ 50 GYR 4% @ 50 GYR 2% @ 30 GYR
PAVEMENT PATCHING	CLASS D PATCHES, 9" (HMA BINDER IL-19 mm)	4% @ 70 GYR
DRIVEWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" HOT-MIX ASPHALT BASE COURSE, IL-19.0mm, 6" PE, 8" CE (2 LIFTS)	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO 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.

- LEGEND:
- Ⓐ EXISTING HMA OVERLAY, 3"
 - Ⓑ EXISTING HMA BASE COURSE, 8" •• Ⓒ
 - Ⓒ EXISTING AGGREGATE BASE, 6"
 - Ⓓ EXISTING COMB CONC CURB AND GUTTER, TYPE B-6.24
 - ① PROPOSED HOT-MIX ASPHALT SURFACE CSE, MIX "D", N50 2"
 - ② PROPOSED HOT-MIX ASPHALT BINDER CSE, IL-19.0, N50, 4"
 - ③ STABILIZED SUB-BASE 4"
 - ④ FURNISH AND PLACE TOPSOIL, 4" AND SEEDING CLASS 4
 - ⑤ FURNISH AND PLACE TOPSOIL, 12" AND SODDING, SALT TOLERANT
 - ⑥ PROPOSED PRECAST MODULAR RETAINING WALL, SPECIAL
 - ⑦ CONCRETE LEVELING PAD
 - ⑧ GEOTECHNICAL FABRIC FOR GROUND STABILAZATION
 - ⑨ BICYCLE RAILING
 - ⑩ FILTER FABRIC (INCIDENTAL TO PRECAST MODULAR RETAINING WALL, SPECIAL)
 - ⑪ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER)
 - ⑫ AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY THE ENGINEER)
 - ⑬ POROUS GRANULAR EMBANKMENT (INCIDENTAL TO PRECAST MODULAR RETAINING WALL, SPECIAL)
 - ⑭ SELECT FILL (INCIDENTAL TO PRECAST MODULAR RETAINING WALL, SPECIAL)

<p>ENGINEERING CONSULTANT CONSULTING ENGINEERS 6607 North Cumberland Avenue, Suite 402 Chicago, IL 60631 Tel: 773.776.4011 Fax: 773.776.4014 Email: clorba@clorba.com</p>	USER NAME = ehern	DESIGNED - RJR	REVISED -
	PLOT SCALE = 10,0000' / 1"	DRAWN - KEJ	REVISED -
	PLOT DATE = 2/22/2013	CHECKED - MRJ	REVISED -
		DATE - FEBRUARY 4, 2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MCHENRY AVENUE
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 120	SECTION 11-00115-00-RS	COUNTY MCHENRY	TOTAL SHEETS 62	SHEET NO. 10
CONTRACT NO. 63806				
ILLINOIS FED. AID PROJECT				