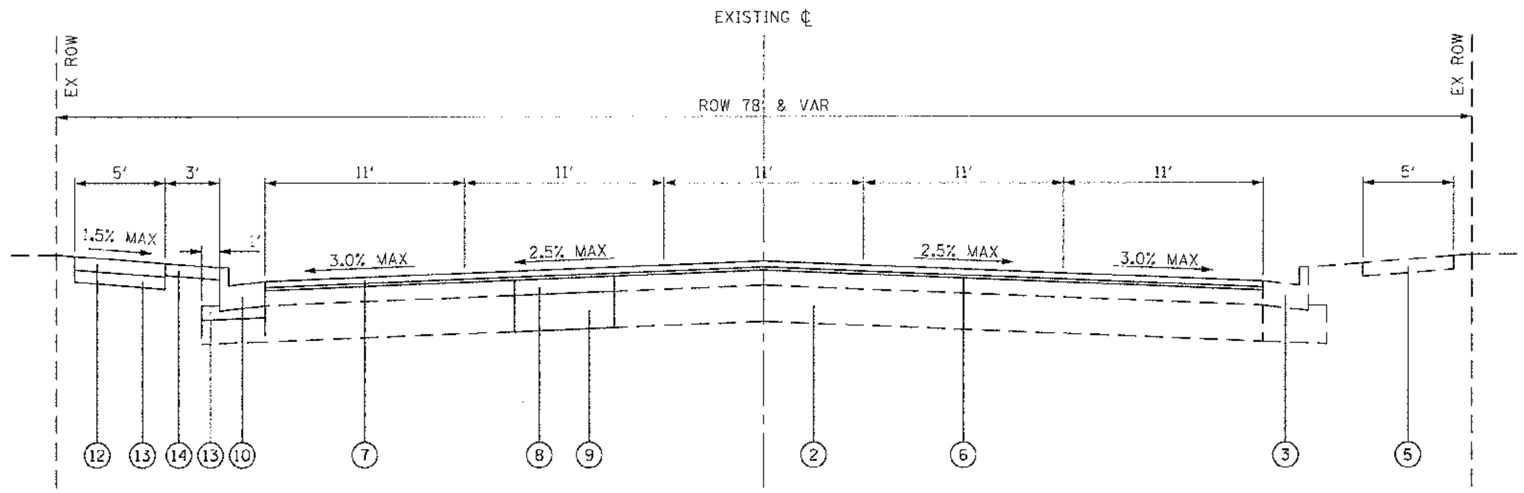
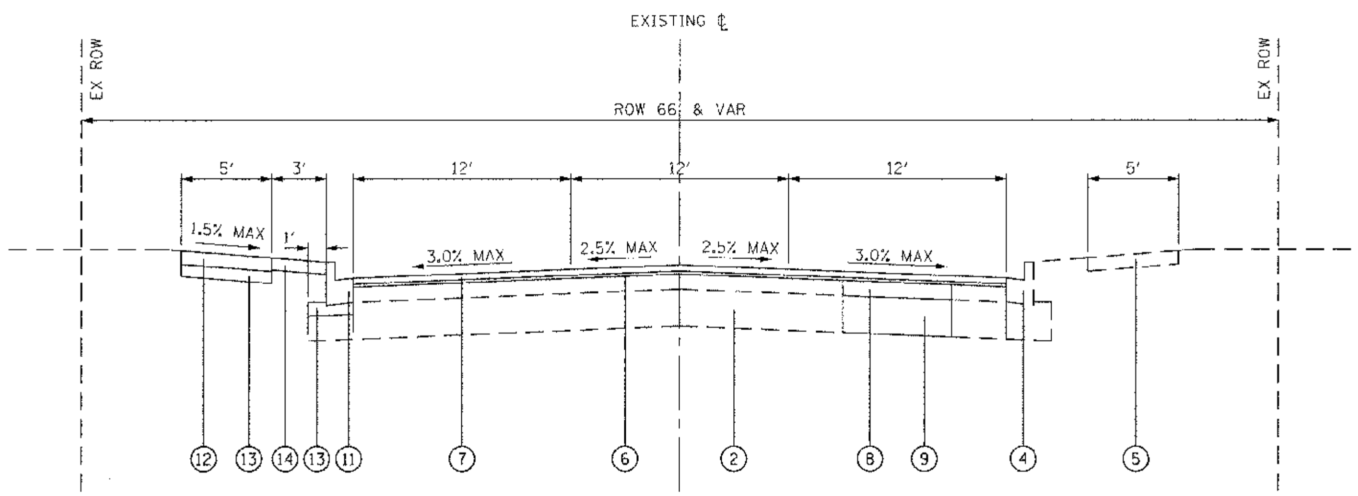


PROPOSED TYPICAL SECTION

STA. 104+00 TO STA. 114+16, ST. CHARLES ROAD



PROPOSED TYPICAL SECTION

STA. 114+16 TO STA. 126+02
OMISSION STA. 126+02 TO STA. 126+36
STA. 126+36 TO STA. 127+08
ST. CHARLES ROAD

LEGEND

1. EXISTING PCC PAVEMENT, 8"
2. EXISTING AGGREGATE SUBGRADE, 12"
3. EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
4. EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
5. EXISTING PCC SIDEWALK, 5"
6. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
7. HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
8. CLASS D PATCHES, 9" (AS DIRECTED BY ENGINEER)
9. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY ENGINEER)
10. COMBINATION CURB AND GUTTER REMOVAL
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
(AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
11. COMBINATION CURB AND GUTTER REMOVAL
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
12. SIDEWALK REMOVAL
PCC SIDEWALK, 5" OR PCC SIDEWALK, 6" OR PCC SIDEWALK, 8"
(AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
13. SUBBASE GRANULAR MATERIAL, TYPE B 4"
(AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
14. SODDING, SALT TOLERANT
TOPSOIL FURNISH AND PLACE, 4"
(AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)

NOTES

1. THE CONTRACTOR SHALL MILL A VARIABLE DEPTH OF PAVEMENT BETWEEN THE EDGE OF PAVEMENT AND 12' FROM THE EDGE OF PAVEMENT. THE MILL DEPTH SHALL BE 2.75" AT THE EDGE OF PAVEMENT AND 1.5" AT 12' FROM THE EDGE OF PAVEMENT. A CONSTANT DEPTH OF 1.5" SHALL BE REMOVED BETWEEN THE 12' EDGE OF PAVEMENT OFFSETS. ALL REMOVAL WILL BE PAID FOR AS PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH).
2. ALL PROPOSED ROADWAY CROSS SLOPES ARE ADA COMPLIANT.

THE CONTRACTOR SHALL MILL BEFORE PATCHING.

MIXTURE TYPE	AIR VOIDS @ Ndes
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	4% @ 70 GYRATIONS
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5% @ 50 GYRATIONS
CLASS D PATCHES (HMA BINDER IL-19 MM), 9" (IN 3 LIFTS)	4% @ 70 GYRATIONS
HOT-MIX ASPHALT DRIVEWAYS 6"	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 2"	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL ~ 19mm) 4" (IN 2 LIFTS)	4% @ 50 GYRATIONS
HOT-MIX ASPHALT DRIVEWAYS 8"	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 2"	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL ~ 19mm) 6" (IN 2 LIFTS)	4% @ 50 GYRATIONS

NOTES: 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" 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 THE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = LUSER.	DESIGNED - JLB	REVISED -
G:\CHI2\B0BE\Road\Sheets\2080-5-TYPSECTIONS-2.dgn		DRAWN - JLB	REVISED -
	PLOT SCALE - 50.000 ' / in.	CHECKED - DWB	REVISED -
#MODEL_NAME#	PLOT DATE = 4/3/2013	DATE - 04/03/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ST. CHARLES ROAD RESURFACING
TYPICAL SECTIONS

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1397	13-00181-00-RS	DUPAGE	26	5

CONTRACT NO. 63833

ILLINOIS FED. AID PROJECT