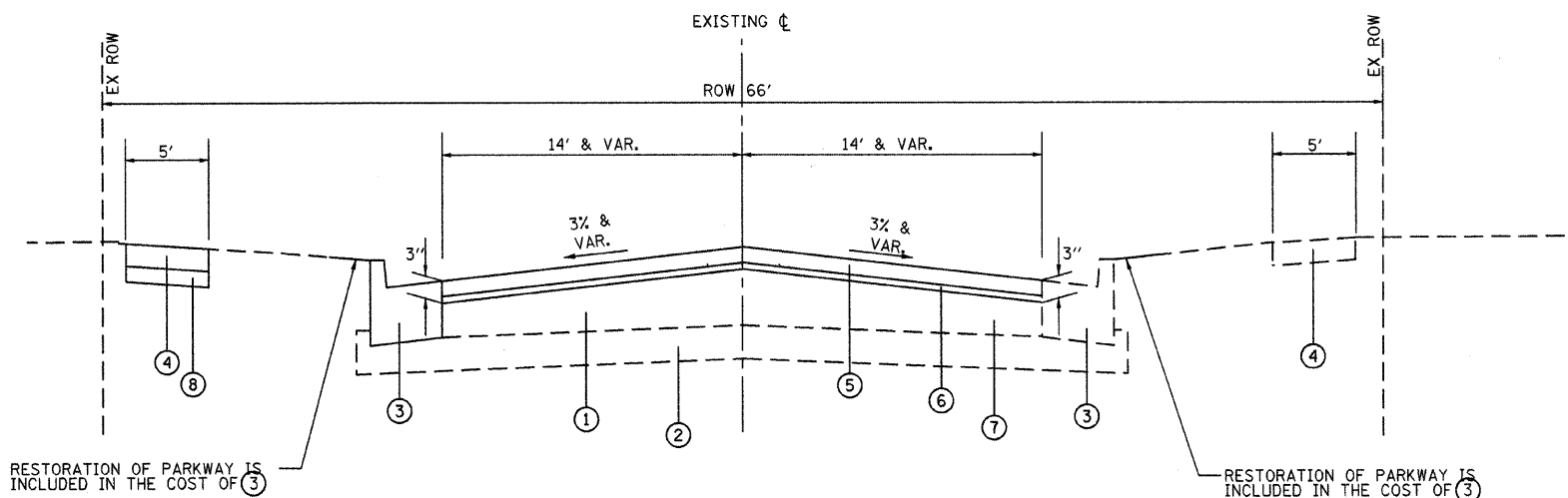


EXISTING TYPICAL SECTION
STA. 102+51 TO STA. 128+82, ST. CHARLES ROAD

LEGEND

- ① EXISTING PCC PAVEMENT, 8"
- ② EXISTING SUBBASE GRAN. MAT'L., CA-6, 4"
- ③ COMBINATION CONCRETE CURB & GUTTER TYPE B-9.12 REMOVAL AND REPLACEMENT (AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
- ④ SIDEWALK REMOVAL AND PCC SIDEWALK, 5" (AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2 "
- ⑥ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- ⑦ CLASS D PATCHES, 9", (AS DIRECTED BY THE ENGINEER)
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE B 4"



PROPOSED TYPICAL SECTION
STA. 102+51 TO STA. 128+82, ST. CHARLES ROAD

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

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"	4% @ 50 GYRATIONS
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 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 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.

FILE NAME =	USER NAME = #USER#	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ST. CHARLES ROAD LAPP TYPICAL SECTIONS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - CEC	REVISED -		NOT TO SCALE	SHEET NO. 1 OF 1 SHEETS	STA.	1397	09-00174-00-RS	DUPAGE	16	3
	PLOT SCALE = 1"=50'	CHECKED - DWB	REVISED -				TO STA.	CONTRACT NO. 63370				
	PLOT DATE = 10/26/09	DATE - 10/26/2009	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							