

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

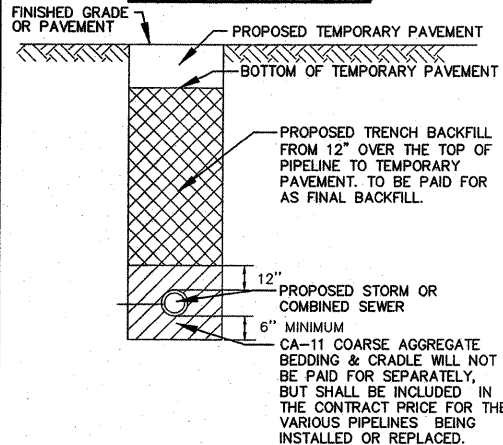
MIXTURE TYPE	PERCENT AIR VOIDS
ROADWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (IL-9.5mm)	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70, 1" (IL-9.5mm)	4% @ 70 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1-3/4"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, HMA BINDER (IL-19.0mm, N50), 2-1/4"	4% @ 50 GYR
PATCHING	
CLASS D PATCHES, TYPE II-IV, 9", (HMA BINDER IL-19.0mm)	4% @ 70 GYR
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N50, 2-1/4"	4% @ 50 GYR

THE UNIT WEIGHT 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"

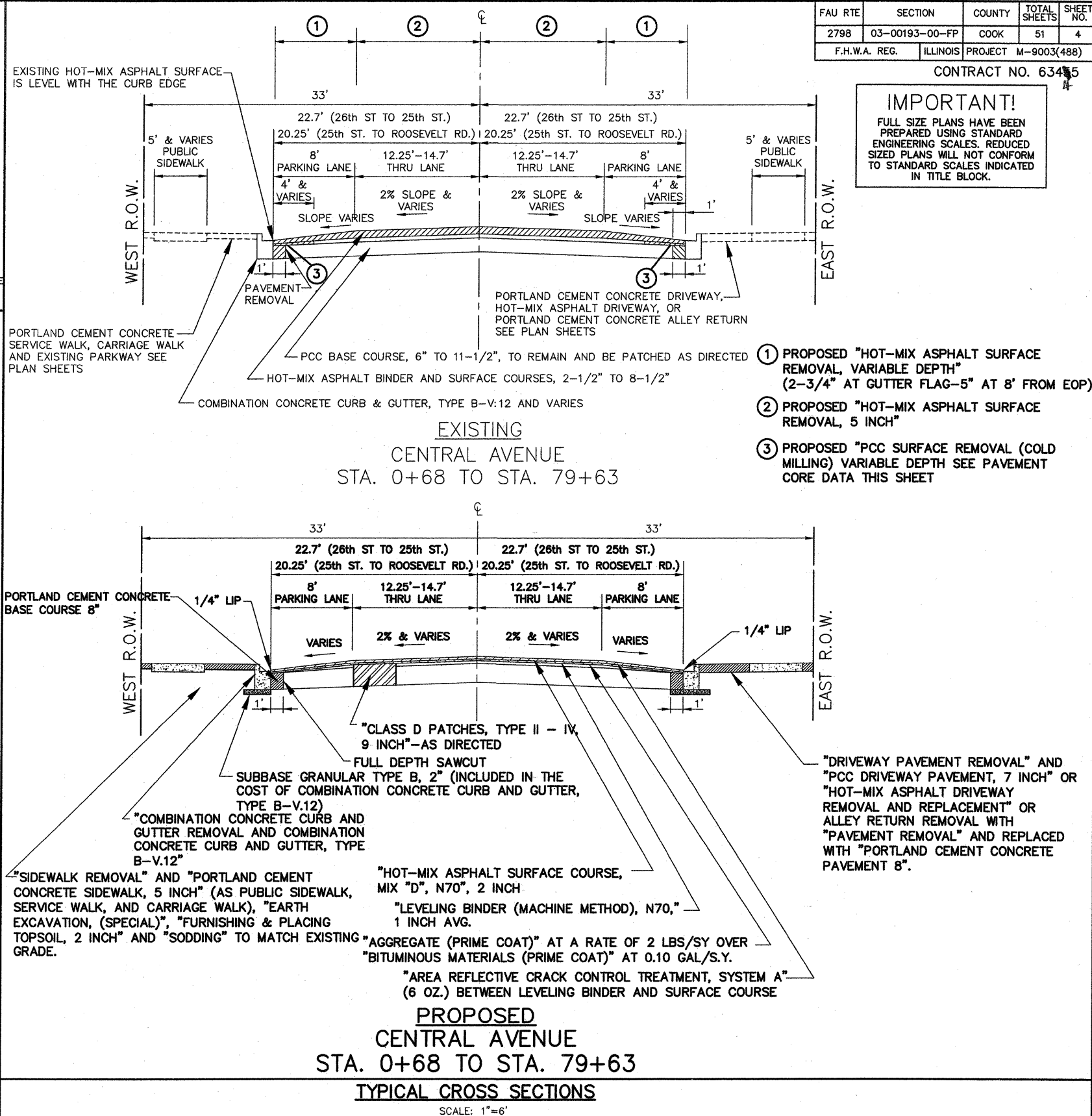
"FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS"

TYPICAL TRENCH DETAIL



PAVEMENT CORES

WEST				EAST			
CORE #	STA	FROM EOP	TO EOP	CORE #	STA	FROM EOP	TO EOP
1	2+25	3'		4	9+02		2'
2	2+31		12.5'		9+12		11'
3	2+35		22.5'	6	9+21	19'	
7	15+67		18'	10	22+39		2.5'
8	15+68		8.5'	11	22+45		6'
9	15+67	3'		12	22+50	18.5'	
13	29+97	2.5'		16	33+71	17.5'	
14	30+02		10'	16A	33+71	18.5'	
15	30+07		18.5'	16B	33+71	18.5'	
20	49+87		18.5'	17	41+02		3'
21	49+95		9'	18	41+05		8'
22	50+00	1.5'		19	41+12	17'	
26	63+16		17'	23	56+49		2.5'
27	63+20		9.5'	24	56+65		7.5'
28	63+28	2'		25	56+68	19'	
				29	69+28		3'
				30	69+32		8'
				31	69+42	18.5'	
				32	76+78		2'
				33	76+78		8'
				34	76+78	18.5'	



FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2798	03-00193-00-FP	COOK	51	4
F.H.W.A. REG.	ILLINOIS	PROJECT	M-9003(488)	

CONTRACT NO. 6345

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

- ① PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH" (2-3/4" AT GUTTER FLAG-5" AT 8' FROM EOP)
- ② PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, 5 INCH"
- ③ PROPOSED "PCC SURFACE REMOVAL (COLD MILLING) VARIABLE DEPTH SEE PAVEMENT CORE DATA THIS SHEET"

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Illinois Professional Design Firm No. 184-000928

PROJECT **TOWN OF CICERO, ILLINOIS**
CENTRAL AVENUE RESURFACING
SECTION 03-00193-00-FP

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	AMS	1/22/10	PER IDOT REVIEW
2	AMS	3/8/10	PER IDOT REVIEW

TYPICAL CROSS SECTIONS
HOT-MIX ASPHALT MIXTURE
REQUIREMENTS
PAVEMENT CORES

PROJECT NO.	SCALE	SHEET 4 OF 51 SHEETS
05043	1"=6'	
DRAWN/DESIGNED JFP-JEP/THK	DATE DEC., 2009	
CHECKED/APPROVED JLC/THK	FIELD BOOK NO. FILE	