

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2916	08-00041-00-RS	COOK	14	3
F.H.W.A. REG.	ILLINOIS	PROJECT	M-8003(981)	

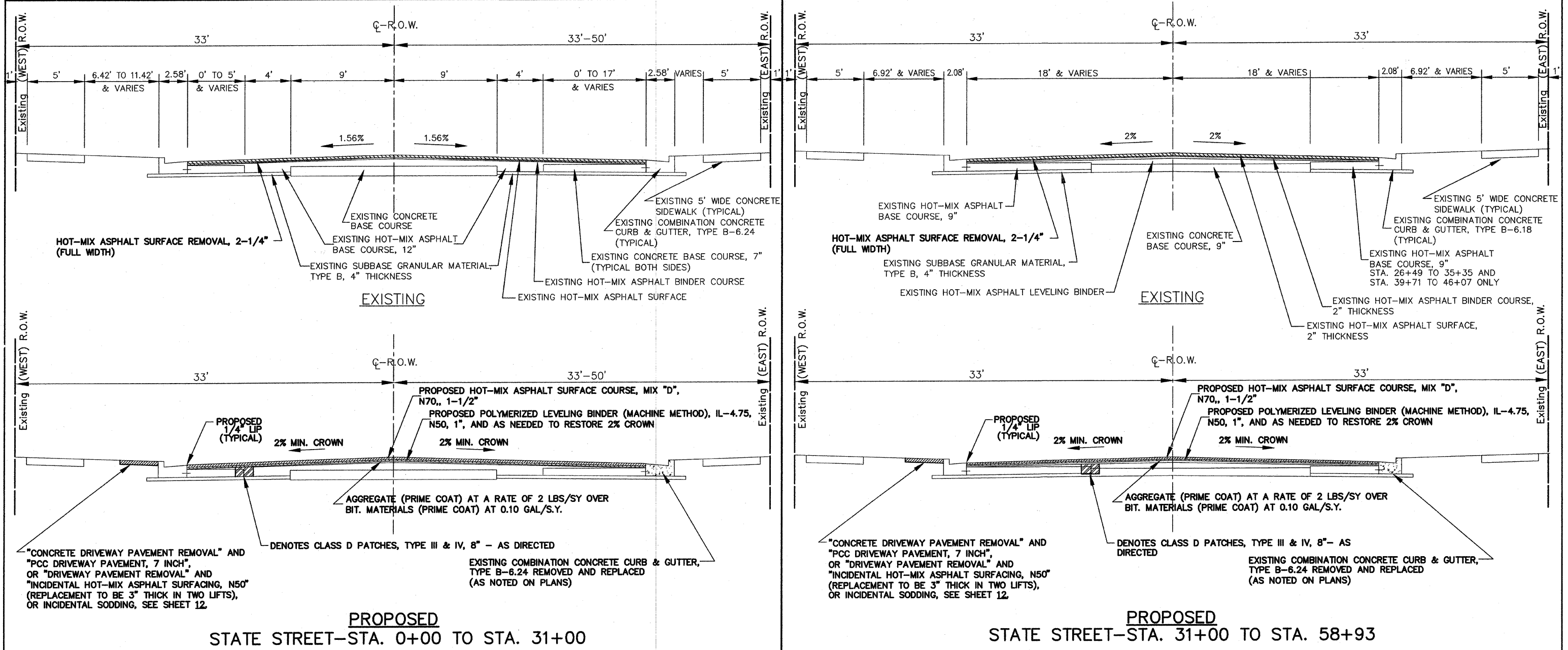
CONTRACT NO. 63174

MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
ROADWAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2" (IL-9.5mm)	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
DRIVEWAYS		
INCIDENTAL HOT-MIX ASPHALT SURFACING, MIX "C", N50, (IL 9.5 mm), 3"	PG 64-22	4% @ 50 GYR
PATCHING		
CLASS D PATCHES, TYPE III-IV, 8", (HMA BINDER IL-19.0mm)	*PG 64-22	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

IMPORTANT!

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



TYPICAL CROSS SECTIONS

SCALE: 1"=4'

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PROJECT **VILLAGE OF LEMONT, ILLINOIS**
STATE STREET LAPP RESURFACING
SECTION 08-00041-00-RS

R E V I S I O N S				
NO.	BY	DATE	DESCRIPTION	
1	THK	4/02/09	PER I.D.O.T. REVIEW	
2	THK	4/07/09	PER I.D.O.T. REVIEW	

TYPICAL CROSS SECTIONS
HOT-MIX ASPHALT
MIXTURE REQUIREMENTS

PROJECT NO. 07434	SCALE AS NOTED	SHEET 3 OF 14 SHEETS
DRAWN/DESIGNED JEP/THK	DATE FEB., 2009	
CHECKED/APPROVED JFP/JLC	FIELD BOOK NO. FILE	