

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	09-00016-00-RS	COOK	18	3
F.H.W.A. REG.	ILLINOIS	PROJECT	HPP-3461(002)	

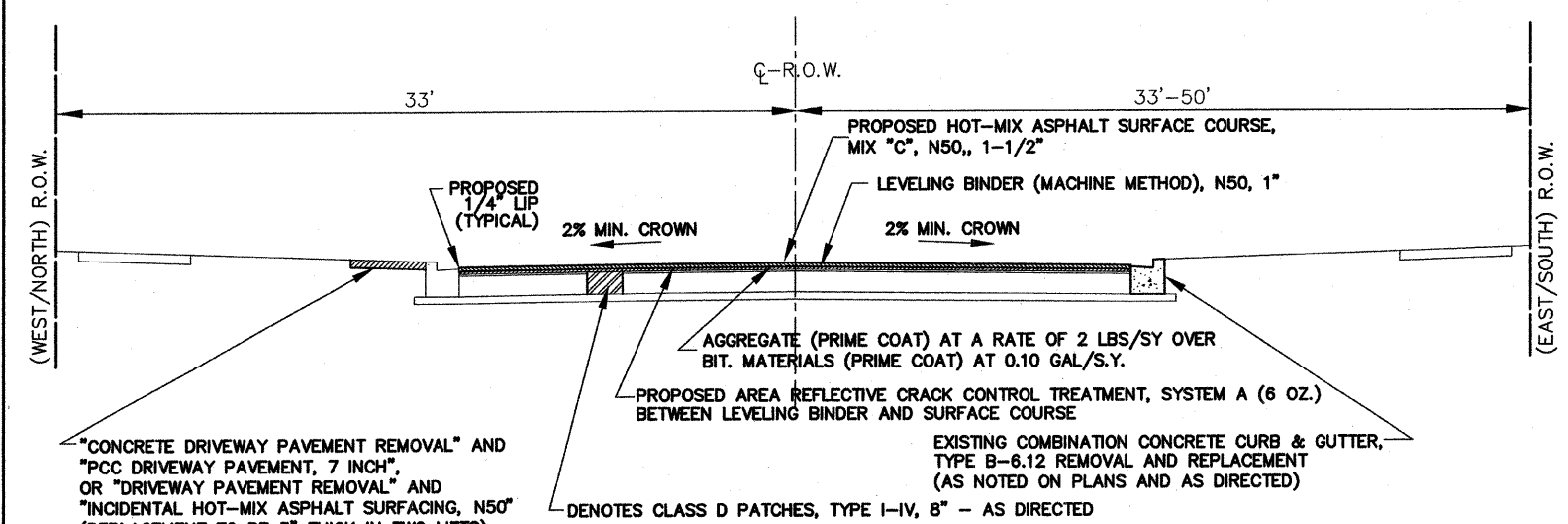
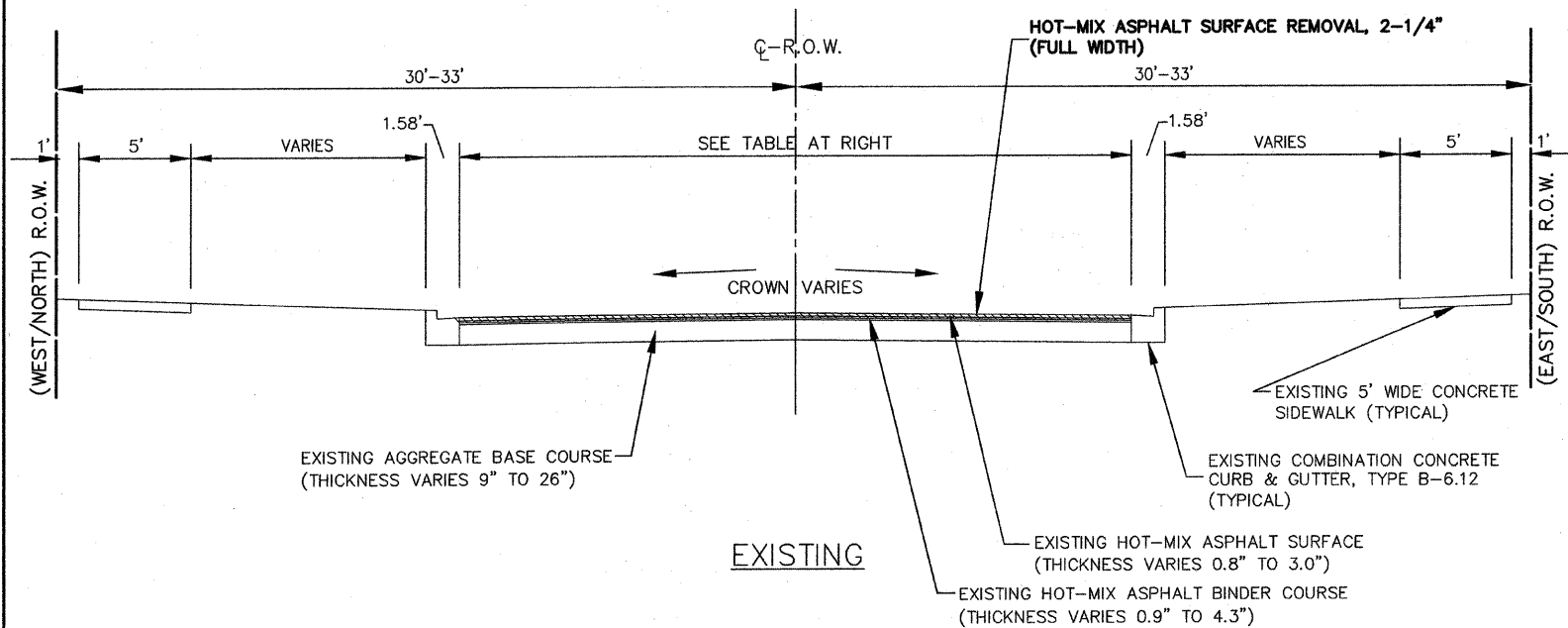
CONTRACT NO. 63204

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
<b>ROADWAY</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1-1/2" (IL-9.5mm)	PG 64-22	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), IL 9.5, N50, 1"	*PG 64-22	4% @ 50 GYR
<b>DRIVEWAYS</b>		
INCIDENTAL HOT-MIX ASPHALT SURFACING, MIX "C", N50, (IL 9.5 mm), 3"	PG 64-22	4% @ 50 GYR
<b>PATCHING</b>		
CLASS D PATCHES, TYPE I-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.



**TYPICAL CROSS SECTIONS**

SCALE: 1"=4'

**STREET INFORMATION TABLE**

STREET NAME	GROSS LENGTH (IN FEET)	NET LENGTH (IN FEET)	CURB TYPE	DESIGN TRAFFIC: ADT=	E-E DIMENSION (FT.)	R.O.W. DIMENSION (FT.)
LYONS STREET - EAST AVE. TO KANE AVE.	1,295	1,295	B-6.12	400	39.8	60
LYONS STREET - KANE AVE. TO KIMBALL AVE.	459	459	B-6.12	400	31.7	60
COBB STREET - EAST AVE. TO CONRAD AVE.	959	959	B-6.12	400	28.4	66
COBB STREET - CONRAD AVE. TO KANE AVE.	330	330	B-6.12	400	34.2	66
COBB STREET - KANE AVE. TO KIMBALL AVE.	408	408	B-6.12	400	28.0	66
67th STREET - EAST AVE. TO EAST OF KANE AVE.	1,215	1,215	B-6.12	400	34.0	63
CHESTER AVENUE - 67th ST. TO LYONS ST.	1,044	978	B-6.12	400	32.1	66
WENZ AVENUE - 67th ST. TO LYONS ST.	1,044	978	B-6.12	400	32.4	66
CONRAD AVENUE - 67th ST. TO LYONS ST.	1,041	964	B-6.12	400	32.0	66
KANE AVENUE - 67th ST. TO LYONS ST.	1,035	959	B-6.12	400	37.0	66
KANE AVENUE - LYONS ST. TO NORTH OF LYONS ST.	128	128	B-6.12	400	28.4	66
KIMBALL AVENUE - SOUTH OF COBB ST. TO LYONS ST.	698	636	B-6.12	400	32.0	60
<b>TOTAL</b>	<b>9,656</b>	<b>9,309</b>				

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

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PROJECT **VILLAGE OF HODGKINS, ILLINOIS STREET RESURFACING**  
MFT SECTION NO. 09-00016-00-RS

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	5-20-09	PER I.D.O.T. REVIEW

TYPICAL CROSS SECTIONS  
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PROJECT NO. 09055  
SCALE 1"=4'  
DRAWN/DESIGNED JFP/JLC DATE APR., 2009  
CHECKED/APPROVED JLC FIELD BOOK NO. FILE  
SHEET 3 OF 18 SHEETS