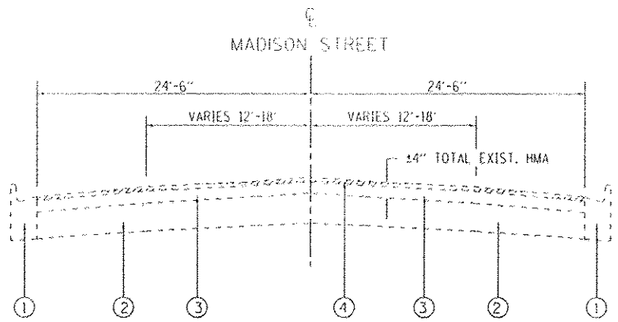
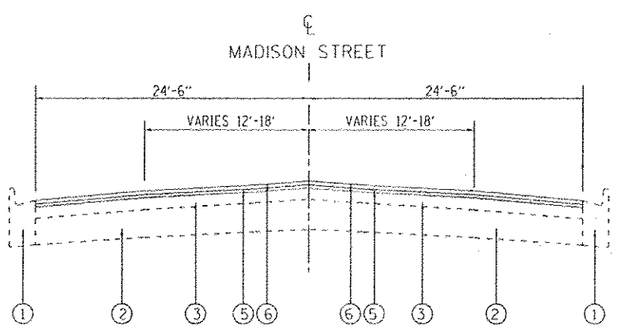


EXISTING TYPICAL SECTION
STA. 13+74.1 TO STA. 32+40.4

LEGEND

1. EXIST. COMB. CURB & GUTTER, TYPE B-6.12
2. EXIST. PCC PAVEMENT, ±9"
3. EXIST. HOT-MIX ASPHALT SURFACE COURSE, 4"
4. PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2¼"
5. PROP. POLY. LEVELING BINDER (MM), IL-4.75, N50, ¾"
6. PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"



PROPOSED TYPICAL SECTION
STA. 13+74.1 TO STA. 32+40.4

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR	QCP
POLYMERIZED LEVELING BINDER, (MM), IL 4.75, N50	3.5% @ 50 GYR	QC/QA
PAVEMENT PATCHING		
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

1

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.

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 USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTE:
CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

1 Rev 1-04-17

FILE NAME =	USER NAME = pg7arrowsmith	DESIGNED -	REVISED -
pw:\\IL084CBIONTEG.bentleyconnect.com:CBIONTEG_Bentley_Projects\Documents\IDOT Offices\District 1\Projects\D108415\dgn\D108415-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2016	DATE - - -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
MADISON ST – THATCHER AVE TO DES PLAINES AVE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	0405RS-6	COOK	21	5
		CONTRACT NO. 62A03		
		ILLINOIS FED. AID PROJECT		