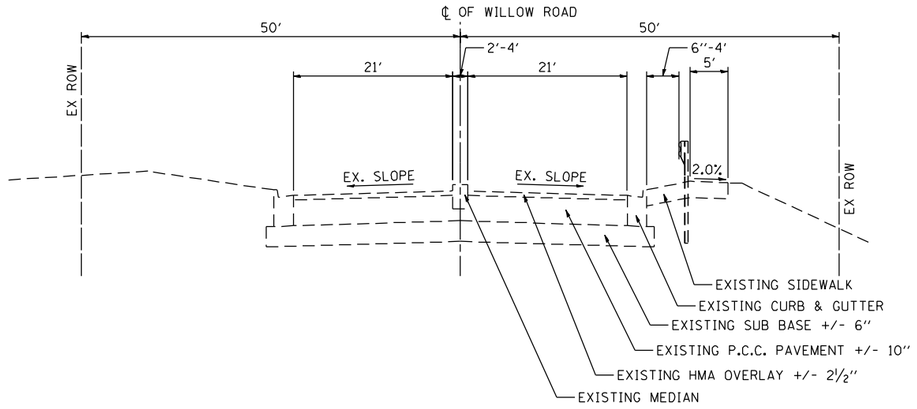
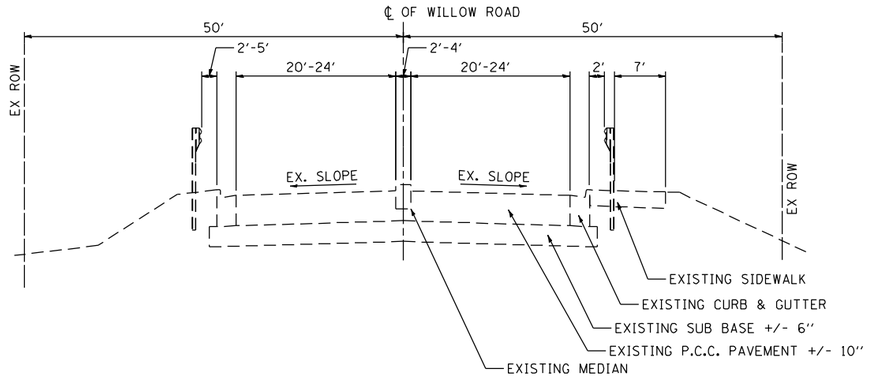


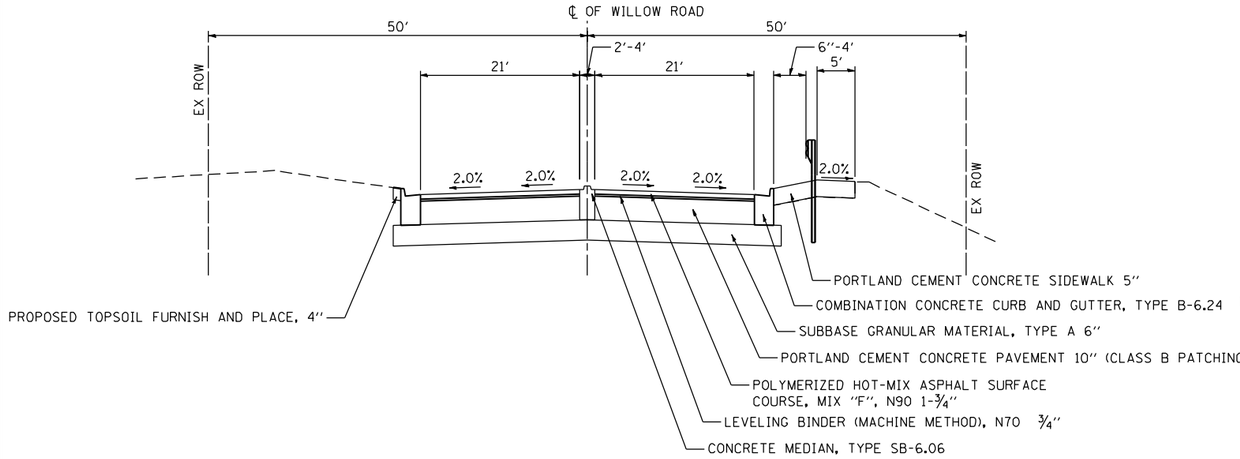
EXISTING TYPICAL SECTION WILLOW ROAD

STA 75+00 TO STA 77+00



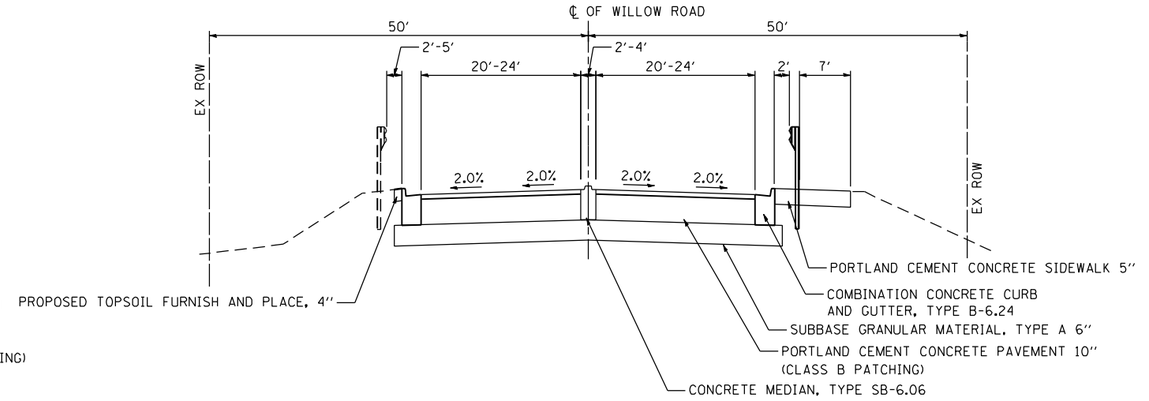
EXISTING TYPICAL SECTION WILLOW ROAD

STA 78+00 TO STA 80+00



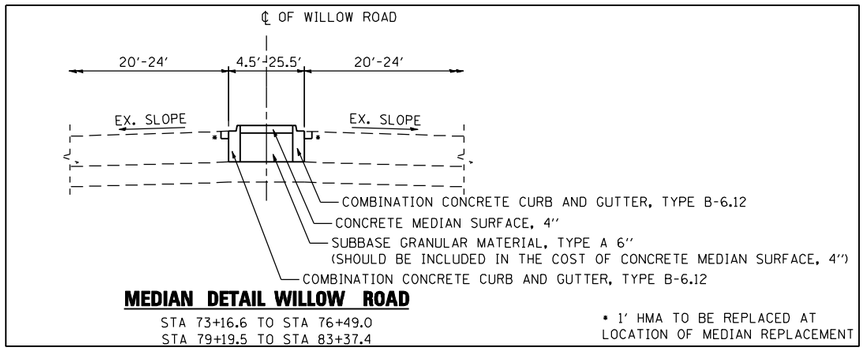
PROPOSED TYPICAL SECTION WILLOW ROAD

STA 75+00 TO STA 77+00



PROPOSED TYPICAL SECTION WILLOW ROAD

STA 78+00 TO STA 80+00



MEDIAN DETAIL WILLOW ROAD

STA 73+16.6 TO STA 76+49.0
STA 79+19.5 TO STA 83+37.4

• 1′ HMA TO BE REPLACED AT LOCATION OF MEDIAN REPLACEMENT

HMA MIXTURES REQUIREMENT

MIXTURE USES	AIR VOIDS @ Ndes
PAVEMENT WIDENING/RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5mm)	4% @ 90 GYR.
TEMPORARY PAVEMENT	
TEMP PAVEMENT (HMA BINDER IL-19 mm); 9″	4% @ 50 GYR.
HMA SURFACE COURSE, MIX D, N50 (IL 9.5mm); 2″	4% @ 50 GYR.

MIXTURE NOTES:

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

2. 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 "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = P:\2011\ME11007_VarVar_Phil\CADD\W08_Willow_Rd\Shts\04-0160W04-sht-typical.dgn
PLOT SCALE = 2.0000 '/ In.
USER NAME = Millennia Professional Services

200 22ND Street, Suite 216, Lombard, IL 60148
630.705.8118 voice, 630.839.2566 fax
www.mps-il.com
MILLENNIA PROFESSIONAL SERVICES

DESIGNED	TVN	REVISED	-
DRAWN	MJW	REVISED	-
CHECKED	TVN	REVISED	-
DATE	12/23/2012	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD

SCALE: · | SHEET NO. OF SHEETS | STA. · TO STA.

EXISTING & PROPOSED TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	1920.01-B-R	COOK	60	5
		CONTRACT NO. 60W04		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

P:\2011\ME11007_VarVar_Phil\CADD\W08_Willow_Rd\Shts\04-0160W04-sht-typical.dgn