

EXISTING TYPICAL SECTION - 153RD STREET

STA. 324+00 TO STA. 327+80.52

STA. 329+66.28 TO STA. 331+35.00 PROP. ¢ EXIST TEMP TEMP EXIST 153RD STREET ESMNT ROW ROW **ESMNT** 40.0 8.0′ __ 40.01 TEMPORARY EASEMENT IS REQUIRED FOR-TEMPORARY EASEMENT IS REQUIRED FOR CONSTRUCTION OF 153RD STREET EAST CONSTRUCTION OF 153RD STREET EAST VARIES (18.0' TO 30.0') VARIES (18.0' TO 28.0') OF US 45 (LAGRANGE ROAD) OF US 45 (LAGRANGE ROAD) EXIST. SIDEWALK SIDEWALK 2.0% 2.0% PARTIAL NEW SIDEWALK 6" -(TYP.) SEE PLANS FOR LOCATIONS . PARTIAL NEW SIDEWALK SEE PLANS FOR LOCATIONS

PROPOSED TYPICAL SECTION - 153RD STREET

STA. 324+00 TO STA. 327+80.52 STA. 329+66.28 TO STA. 331+35.00

HOT-MIX ASPHALT MIXTURE REQUIREMEN	ΓS
MIXTURE TYPE	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12 1/2" (SIDE STREETS)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 10-1/2"	4% @ 70 Gyr.
TEMPORARY PAVEMENT (12")	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10" (IN 4 LIFTS)	4% @ 50 Gyr.
CLASS D PATCHES 10"	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10" (IN 4 LIFTS)	4% @ 50 Gyr.
HOT-MIX ASPHALT SHOULDERS, 8"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 6" (IN 2 LIFTS)	4% @ 70 Gyr.
HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 4"	4% @ 50 Gyr.
MULTI-USE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
SIDEWALKS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
PARKING LOT PAVEMENT RESTORATION	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1-1/2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0), N50; 2-1/4 "	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm, N50); 8" (COMMERCIAL)	4% @ 50 Gyr.

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, 8" AND VARIES
- (B) EXISTING SUBBASE, 6" AND VARIES
- (C) EXISTING CURB AND GUTTER, TYPE B-6.24
- (D) EXISTING CONCRETE CURB AND GUTTER TYPE M-6.12
- (E) EXISTING SIDEWALK
- F PARKWAY (GRASS AREA)
- G EXISTING CONCRETE MEDIAN
- (H) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE DEPTH
- EXISTING SUBBASE, VARIABLE DEPTH
- J EXISTING AGGREGATE SHOULDER
- (K) EXISTING CURB AND GUTTER, TYPE B-6.12

PROPOSED TYPICAL SECTION LEGEND

- 1) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- 2 AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (MODIFIED)
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- 5 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (6) TOPSOIL AND SOD OR SEED (SALT TOLERANT), SEE LANDSCAPING PLANS
- (T) LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE, NO. 8
 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS.
 (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- 9) LANDSCAPE MEDIAN, WIDTH VARIES
- (SEE LANDSCAPING PLANS FOR LOCATIONS AND DETAILS)
- (10) CONCRETE MEDIAN, TYPE SB-6.18
- (1) HOT-MIX ASPHALT PAVEMENT, 12 1/2" (FULL DEPTH)
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 10 1/2" (IN 4 LIFTS)
- (12) GEOTECHNICAL FABRIC
- (3) DRILL & GROUT NO. 8 TIE BARS AT 24" CTS. (INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- (14) HOT-MIX ASPHALT SHOULDERS, 8"
- (15) SUBBASE GRANULAR MATERIAL, TYPE C

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 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 USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- NOTE 3: THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" P.C.C. PAVEMENT OR 12" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.
- NOTE 4: PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS.

FILE NAME =
D160M61-SHT-TYPICAL03.dgn
CHT DIAN

USER NAME = Anthony_Plutz	DESIGNED	-	BA	REVISED -
	DRAWN	-	BA	REVISED -
PLOT SCALE = 20.0000 '/ in.	CHECKED	-	MJT	REVISED -
PLOT DATE = 3/14/2013	DATE	-	03/13/2013	REVISED -

STATE	OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

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I					153F	RD STRE	FT		330	
l	SCALE:	N.T.S.	SHEET	3 0	F 7	SHEETS	STA.	TO STA.		

_				D PROJECT			
		TS-03	CONTRACT	NO. 6	OM61		
3	330	103R-4		COOK 877		29	
	.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		