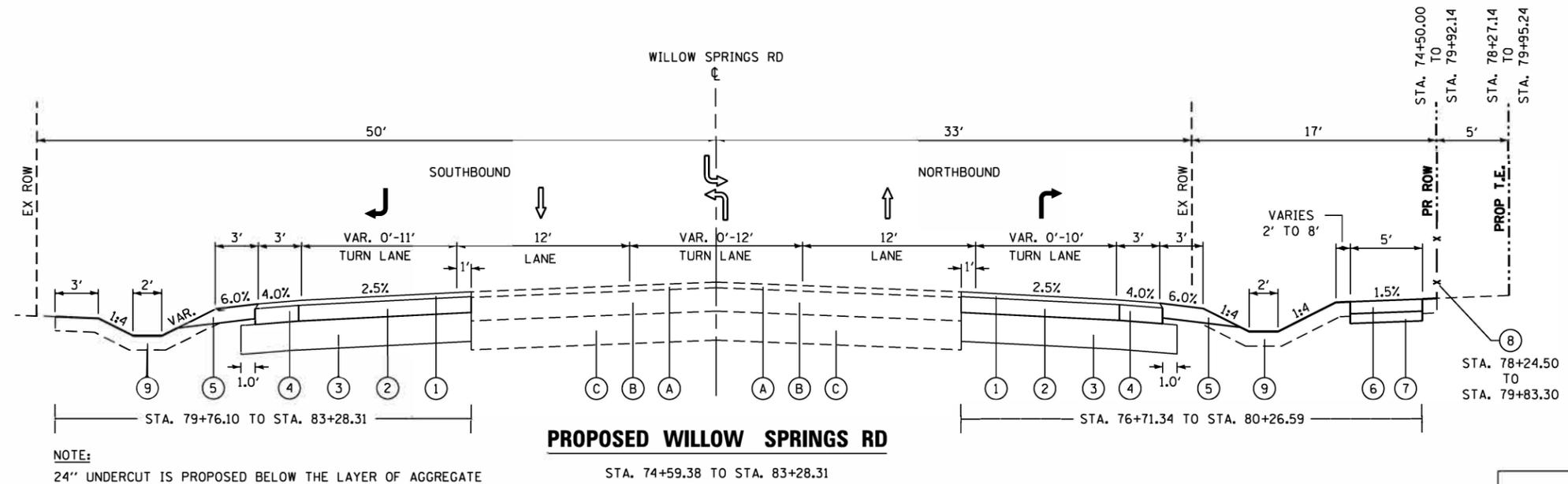


- EXISTING LEGEND**
- (A) EX. HMA SURFACE COURSE, 3" (R - PAID FOR AS PAVEMENT REMOVAL)
 - (B) EX. HMA BASE COURSE, 9" (R - PAID FOR AS PAVEMENT REMOVAL)
 - (C) EX. GRANULAR SUBBASE (R - PAID FOR AS EARTH EX.)
 - (D) EX. HMA SHOULDER (R)
 - (E) EX. AGGREGATE SHOULDER (R - PAID FOR AS EARTH EX.)
 - (F) EX. PCC SIDEWALK (R)
 - (G) EX. WOOD FENCE TO BE REMOVED AND RE-ERECTED (R: STA. 78+24.50 TO STA. 79+87.18)

- PROPOSED LEGEND**
- (1) PR. HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm) (2")
 - * (2) PR. HMA BASE COURSE, 6 1/2" OR PR. HMA BASE COURSE WIDENING, 6 1/2"
 - (3) PR. AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (4) PR. HMA SHOULDERS, 6 1/2"
 - (5) PR. AGGREGATE SHOULDERS TY. B
 - (6) PR. PCC SIDEWALK 5"
 - (7) PR. AGGREGATE BASE COURSE TY. B 4"
 - (8) PR. WOOD FENCE TO BE REMOVED AND RE-ERECTED
 - (9) PR. TOPSOIL FURNISH AND PLACE (6"), SODDING SALT TOLERANT, & FERTILIZER NUTRIENTS

ITEMS WITH (R) ARE TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN & PROFILE SHEETS.

* 'HMA BASE COURSE, 6 1/2 INCH' - FOR WIDTH GREATER THAN 6 FT
 'HMA BASE COURSE WIDENING, 6 1/2 INCH' - FOR WIDTH 6 FT OR LESS

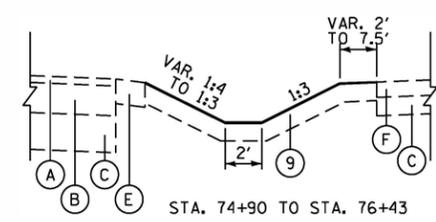


NOTE:
 24" UNDERCUT IS PROPOSED BELOW THE LAYER OF AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD) ON THE SOUTHBOUND SIDE OF WILLOW SPRINGS ROAD, STA 79+79 TO STA 81+50. WORK SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" AND "AGGREGATE SUBGRADE IMPROVEMENT" (CU YD) WITH "GEOTECHNICAL FABRIC FOR GROUND STABILIZATION".

NOTES:
 THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/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 DISTRICT ONE SPECIAL PROVISIONS.

THE QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

LONGITUDINAL JOINT SEALANT SHALL BE APPLIED BELOW THE SURFACE LIFT AND BELOW THE TOP BINDER LIFT OF THE PROPOSED HMA PAVEMENT.



HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BASE COURSE, 6 1/2" (HMA BINDER IL-19.0) OR HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2" (HMA BINDER IL-19.0)	4% @ 70 GYR	QC/OA
HMA SHOULDERS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm), 6 1/2"	4% @ 70 GYR	QC/OA
DRIVEWAYS; P.E.		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR	QC/OA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 6"	4% @ 50 GYR	QC/OA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0) 12"	4% @ 70 GYR	QC/OA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA)		

SEE PLAN AND PROFILE SHEET FOR LOCATIONS OF CLASS D PATCHES



USER NAME = WTong	DESIGNED - WJT	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 6/21/2018	DATE - 06/18/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAINFIELD RD AT WILLOW SPRINGS RD
 TYPICAL SECTIONS
 SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. 74+59.38 TO STA. 83+28.31

F.A.U. RTE. 1551	SECTION (3363)N	COUNTY COOK	TOTAL SHEETS 71	SHEET NO. 14
CONTRACT NO. 62B63				
ILLINOIS FED. AID PROJECT				