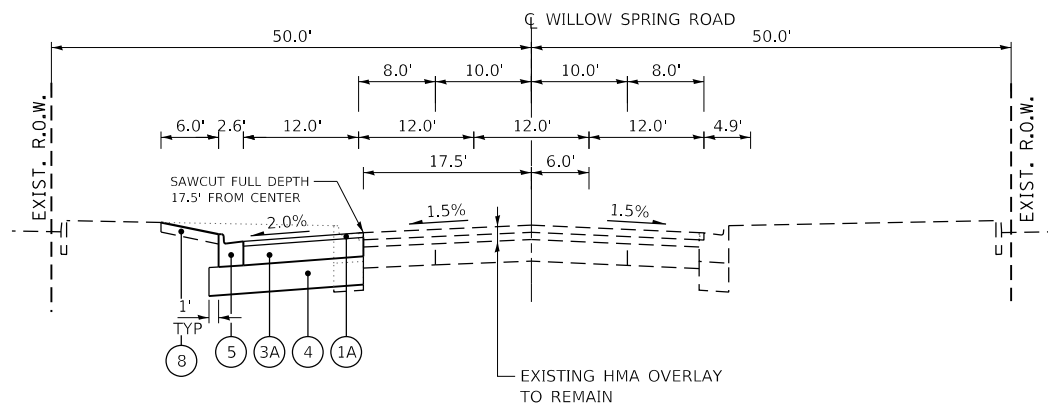


**EXISTING TYPICAL SECTION
WILLOW SPRING ROAD**
STA. 237+22.0+00 TO STA. 241+54.5



**PROPOSED TYPICAL SECTION
WILLOW SPRING ROAD**
STA. 237+22.0+00 TO STA. 241+54.5

EXISTING LEGEND

- (A) EXISTING CONCRETE PAVEMENT, VARIES: 9"-7"-9" (1954)
- (B) EXISTING HMA OVERLAY, 3" (1954)
- (C) EXISTING HMA OVERLAY, 3" (1980)
- (D) EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (E) EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- (F) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (G) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (H) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (I) EXISTING HMA MIXTURE, 2"
- (J) EXISTING AGGREGATE BASE COURSE, 8"
- (K) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (L) EXISTING HMA PAVEMENT (COMMERCIAL PARKING)
- (M) EXISTING CONCRETE CURB, TYPE B
- (N) EXISTING AGGREGATE SUBGRADE, 12"
- (O) EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (MODIFIED)
- (P) EXISTING LANDSCAPE AREA

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" (55TH ST)
- (1A) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2" (WILLOW SPRING RD & LINDEN AVE).
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (WIDENING 6' OR LESS)
HOT-MIX ASPHALT BASE COURSE, 8" (WIDENING GREATER THAN 6')
- (3A) HOT-MIX ASPHALT BASE COURSE WIDENING, 5 3/4" (WIDENING 6' OR LESS) (WILLOW SPRING RD & LINDEN AVE)
HOT-MIX ASPHALT BASE COURSE, 5 3/4" (WIDENING GREATER THAN 6') (WILLOW SPRING RD & LINDEN AVE)
- (4) AGGREGATE SUBGRADE IMPROVEMENT (12")
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.24 (MODIFIED)
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"
- (7) AGGREGATE BASE COURSE, TYPE B 6",
- (8) TOPSOIL FURNISH AND PLACE, 4"
- (9) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (10) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 2"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

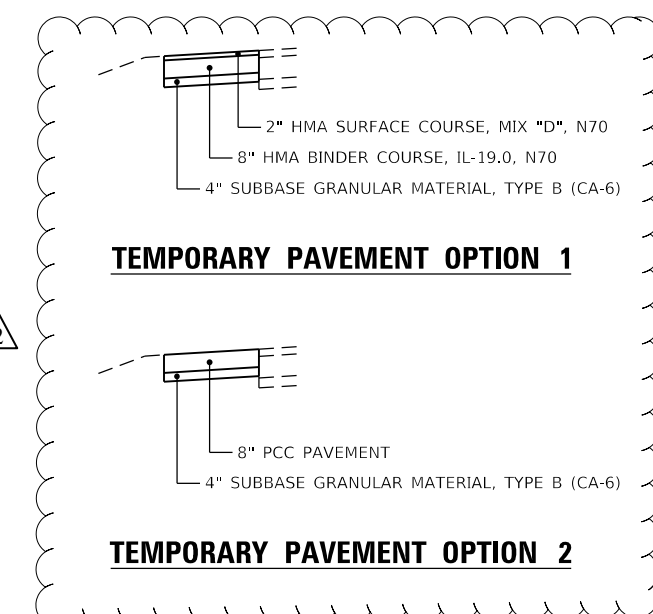
MIXTURE TYPE	AIR VOIDS @ NDES	QMP	
55TH ST - RESURFACING AND WIDENING			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 (1 3/4")	3.5% @ 80 GYR	QCP	
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4")	3.5% @ 50 GYR	QCP	
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 MM) (8")	4% @ 90 GYR	QC/QA	EQUAL OR LESS THAN 6'
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 MM) (8")	4% @ 90 GYR	QC/QA	GREATER THAN 6'
WILLOW SPRING RD & LINDEN AVE - RESURFACING AND WIDENING			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")	4.0% @ 70 GYR	QC/QA	
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 MM) (5 3/4")	4.0% @ 70 GYR	QC/QA	EQUAL OR LESS THAN 6'
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 MM) (5 3/4")	4.0% @ 70 GYR	QC/QA	GREATER THAN 6'
HMA SHOULDER 1 3/4"			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 3/4")	4.0% @ 70 GYR	QC/QA	
TEMPORARY PAVEMENT			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70	4.0% @ 70 GYR	QC/QA	
HOT-MIX ASPHALT BINDER IL-19 MM	4.0% @ 70 GYR	QC/QA	
SHARED - USE PATH			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (3") (IN 2 LIFTS)	4.0% @ 50 GYR	QC/QA	
HMA DRIVEWAYS 8" & 10"			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")	4.0% @ 50 GYR	QC/QA	
HOT-MIX ASPHALT BINDER COURSE IL-19.0 N50 (CE=8", PE=6")	4.0% @ 50 GYR	QC/QA	

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES 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 RECLAIMED MATERIALS SPECIFICATIONS.
- LONGITUDINAL JOINT SEALER SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50.

EXISTING LEGEND

PROPOSED LEGEND



MODEL: Default
 FILE: \\bmr-203530-Drawing\6237-CHC\typical104.dgn



USER NAME = egrzeskowiak
 DESIGNED - JTF
 DRAWN - JTF
 PLOT SCALE = 20.0000 ' / in.
 CHECKED - E/JG
 PLOT DATE = 06/01/2023
 DATE - 11/22/2019

DESIGNED - JTF
 DRAWN - JTF
 CHECKED - E/JG
 DATE - 11/22/2019

REVISED - 06/01/2023
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
WILLOW SPRING ROAD**

SCALE: 1" = 10' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	212-0103 N-1	COOK	282	28
CONTRACT NO. 62G37				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 6/6/2023

ADDENDUM B, JUNE 1, 2023