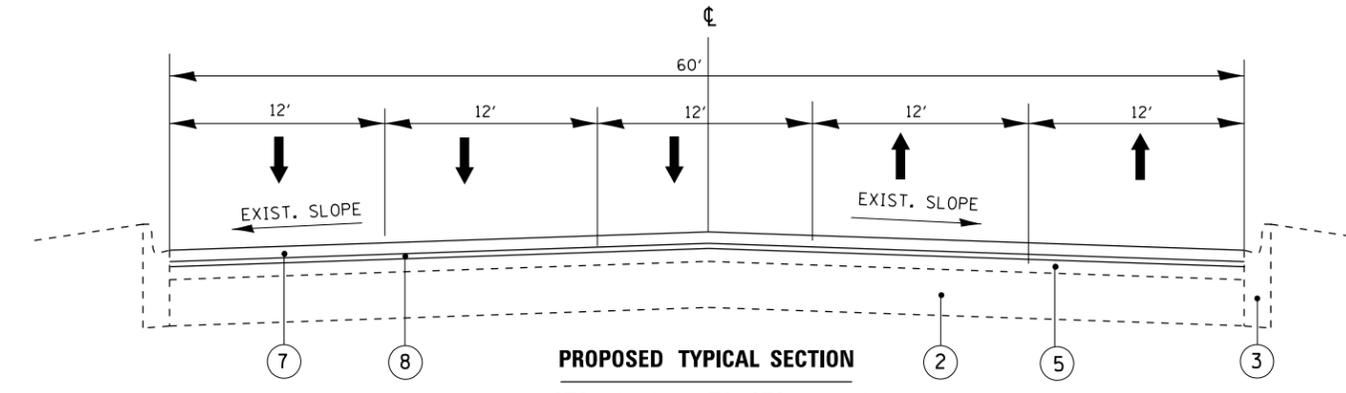
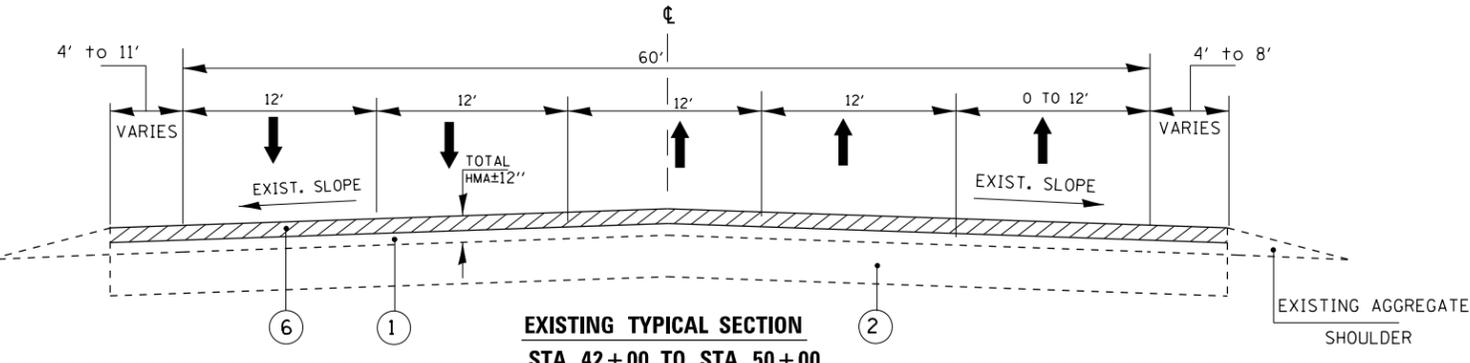


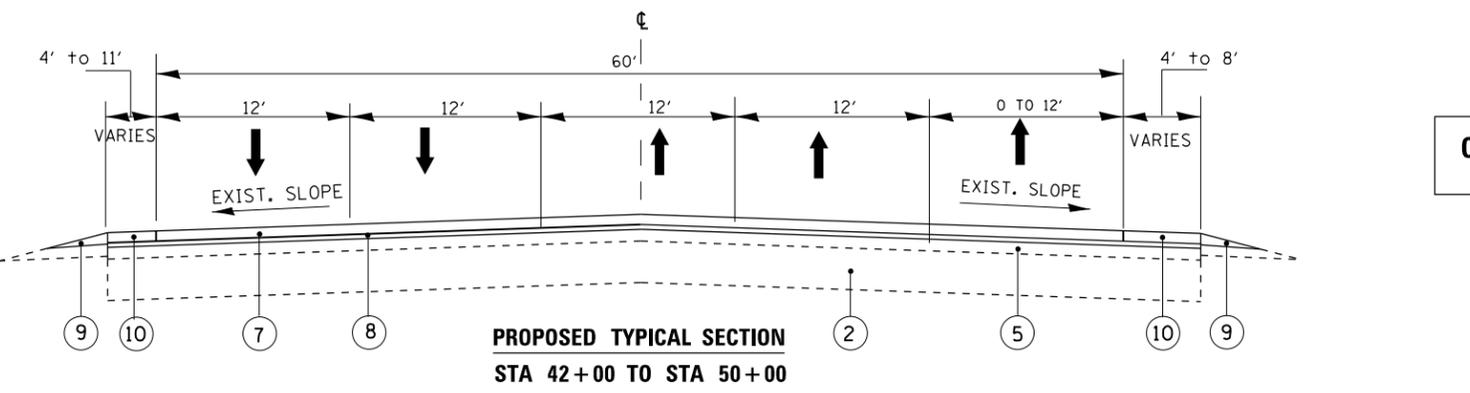
**EXISTING TYPICAL SECTION
STA 18+89.21 TO STA 42+00**



**PROPOSED TYPICAL SECTION
STA 18+89.21 TO STA 42+00**



**EXISTING TYPICAL SECTION
STA 42+00 TO STA 50+00**



**PROPOSED TYPICAL SECTION
STA 42+00 TO STA 50+00**

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT OVERLAY		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80. 1 3/4"	3.5% @ 80 GYR.	QC/QA
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70. 1 3/4"	4% @ 70 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50. 3/4"	3.5% @ 50 GYR.	QCP
SHOULDER OVERLAY		
HMA SHOULDERS (HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70. 1 3/4")	4% @ 70 GYR.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50. 3/4"	3.5% @ 50 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC / QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 2"	4% @ 50 GYR.	QC / QA
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER II-19mm)	4% @ 50 GYR.	QC / QA
MEDIAN		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 4" (IN 2 LIFTS)	4% @ 50 GYR.	QC / QA
QMP Designation: Quality Control / Quality Assurance (QC / QA); Quality Control for Performance (QCP); Pay for Performance (PFP)		

NOTE: -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 SPECIAL PROVISIONS.

-FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER POLY HMA BASE COURSE IL-4.75, N50.

LEGEND

- ① EXISTING HMA PAVEMENT ±12"
- ② EXISTING CONCRETE PAVEMENT ±7"
- ③ EXISTING COMBINATION CURB AND GUTTER
- ④ EXISTING CONCRETE RAISED MEDIAN
- ⑤ EXISTING HMA PAVEMENT AFTER MILLING
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL -9.5, N70 1 3/4"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL -4.75, N50, 3/4"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
PROPOSED GRADING AND SHAPING SHOULDERS
- ⑩ PROPOSED HMA SHOULDERS (HMA SURFACE COURSE, IL-9.5 MIX "D" N70 1 3/4")
- ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 1 3/4"

CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

MODEL: Default
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USER NAME = gorenautab	DESIGNED -	REVISED - AG, 10/07/2021
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/7/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	6
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 10/8/2021

