


SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE COOK 0005	100% STATE COOK 0005	80% FED 20% STATE COOK PEDESTRIAN SIGNAL 0021	
20200100	EARTH EXCAVATION	CU YD	750	750			
20800150	TRENCH BACKFILL	CU YD	90	90			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	350	350			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1800	1800			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	25	25			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	25	25			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	25	25			
25200110	SODDING, SALT TOLERANT	SO YD	2250	2250			
25200200	SUPPLEMENTAL WATERING	UNIT	20	20			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	145	145			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	1300	1300			
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	20	20			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	470	470			
35501323	HOT-MIX ASPHALT BASE COURSE, 9 3/4"	SO YD	1165	1165			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	32033	32033			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE COOK 0005	100% STATE COOK 0005	80% FED 20% STATE COOK PEDESTRIAN SIGNAL 0021	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	40000	40000			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	105	105			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	750	750			
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	504	504			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	6919	6919			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	180	180			
42001300	PROTECTIVE COAT	SO YD	4350	4350			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	26750	26750			
42400800	DETECTABLE WARNINGS	SO FT	1400	1400			
44000100	PAVEMENT REMOVAL	SO YD	1635	1635			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	69438	69438			
44000600	SIDEWALK REMOVAL	SO FT	26750	26750			

 REVISED 7-26-2023

* = SPECIALTY ITEMS
 = NON-PARTICIPATING WORK (100% STATE)

FILE NAME =	USER NAME = mohammad.hamwi	DESIGNED -	REVISED -
pw\N\dot-pw\benley.com\PI\DOT\Documents\1\DOT - Office\District\Projects\DI31622\CAD\Drawn\Design\DI31622 -str-300.DRAWN			
PLOT SCALE = 100.0000' / 1in	CHECKED -	REVISED -	
PLOT DATE = 5/12/2023	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
US 30 (HILLTOP AVE TO LOWE AVE)**

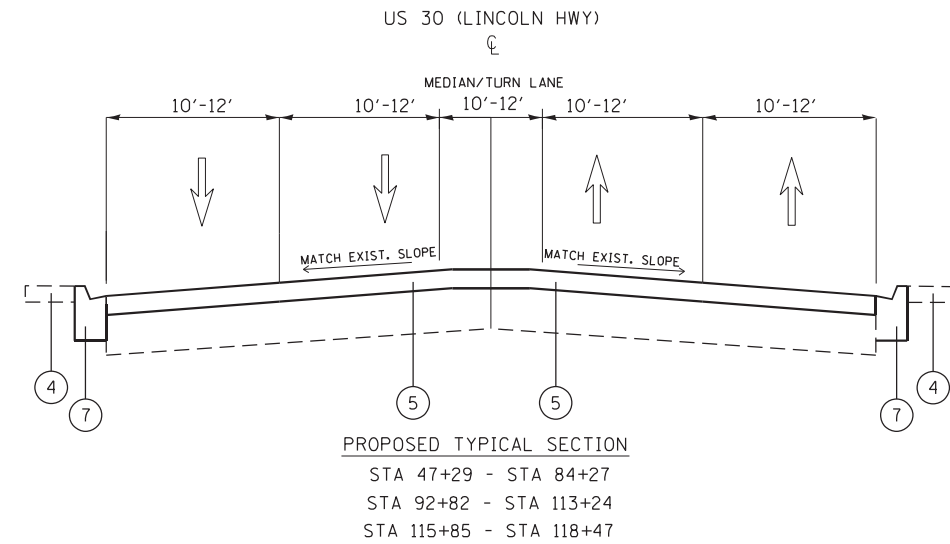
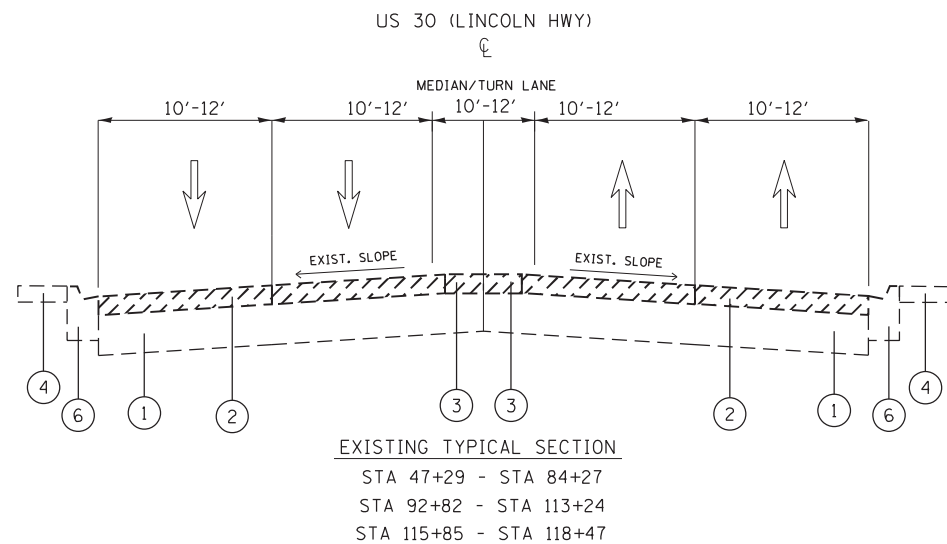
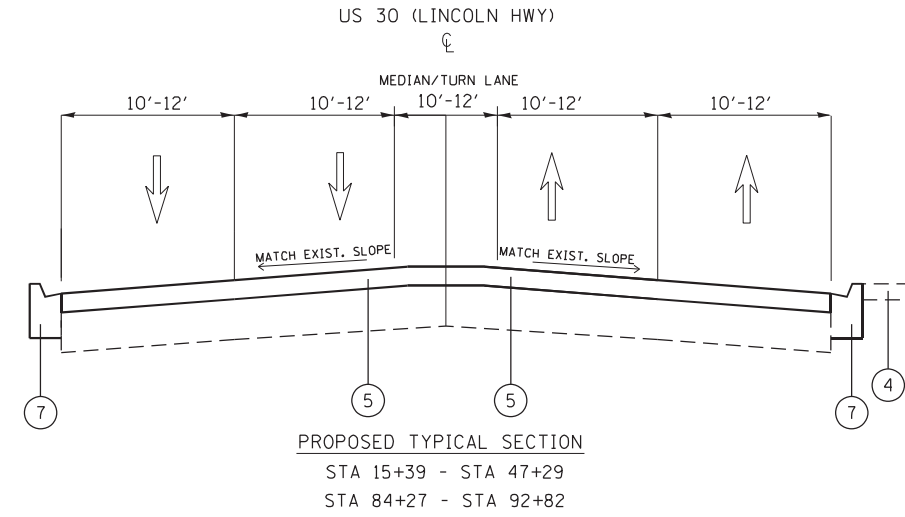
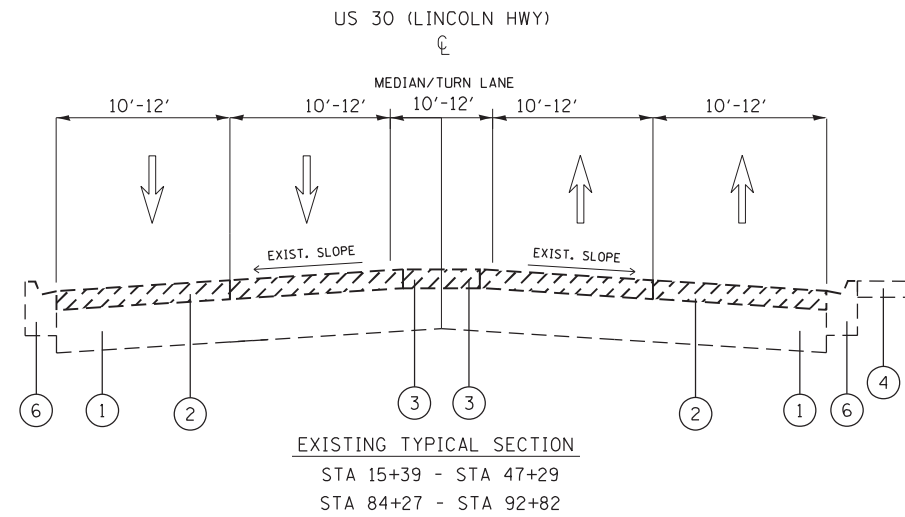
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	FAP 353 22 RS	COOK	62	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62U08	

1. PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
2. EXISTING HMA SURFACE, ~~1.75" +/-~~ 2.5" +/-
3. PROPOSED HMA SURFACE REMOVAL, 1.75"
4. EXISTING SIDEWALK, 5"

LEGEND

5. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT 9.5 MIX "F", N80 1.75"
6. EXISTING COMBINATION CONCRETE CURB AND GUTTER
7. PROPOSED COMBINATION CURB AND GUTTER (REMOVAL AND REPLACEMENT TO BE DETERMINED BY THE RE)
8. PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 3/4"
9. PROPOSED 12" AGGREGATE SUBGRADE IMPROVEMENT
10. PIPE UNDERDRAIN TYPE 2, 4"
11. CONCRETE MEDIAN



HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (OMP)
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	
PAVEMENT		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "F", N80 1 3/4	3.5% @ 80 GYR.	OCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 MM)	4.0% @ 70 GYR.	OC/OA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0 MM)	4.0% @ 70 GYR.	OC/OA
FULL DEPTH PAVEMENT REPLACEMENT		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "F", N80 1 3/4	3.5% @ 80 GYR.	OCP
HMA BASE COURSE, (HMA BINDER IL-19.0) 9 3/4	4.0% @ 90 GYR.	OC/OA
INCIDENTAL HOT-MIX SURFACING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4.0% @ 70 GYR.	OC/OA

OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (OC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP); PAY FOR PERFORMANCE (PFP)

NOTE

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT 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 AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

NOTE 3: THE CONTRACTOR SHALL PATCH THEN MILL

NOTE 4: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACE OVER THE MILLED SURFACE

NOTE 5: SOLID CONCRETE MEDIAN, TYPE SB-6.06 TO BE PLACE BETWEEN STA. 111+00 - STA. 116+01 AND IS TO MATCH EXISTING MEDIAN ELEVATIONS

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USER NAME = mohammad.hamwi	DESIGNED -	REVISED - 7/26/2023
PLOT SCALE = 100,0002' / in.	DRAWN -	REVISED -
PLOT DATE = 6/21/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

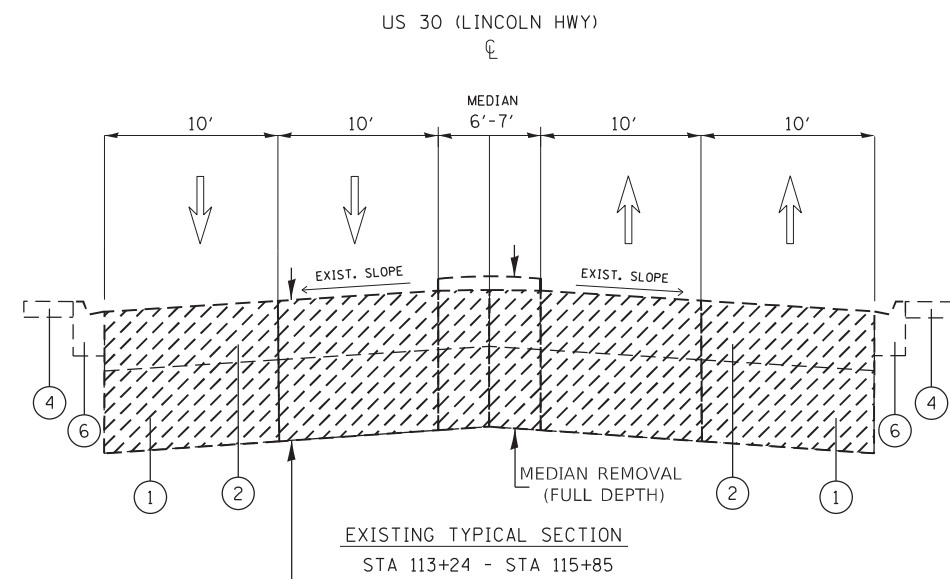
TYPICAL SECTION	
US 30 (HILLTOP AVE TO LOWE AVE)	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 353	SECTION FAP 353 22 RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 9
CONTRACT NO. 62U08				
ILLINOIS FED. AID PROJECT				

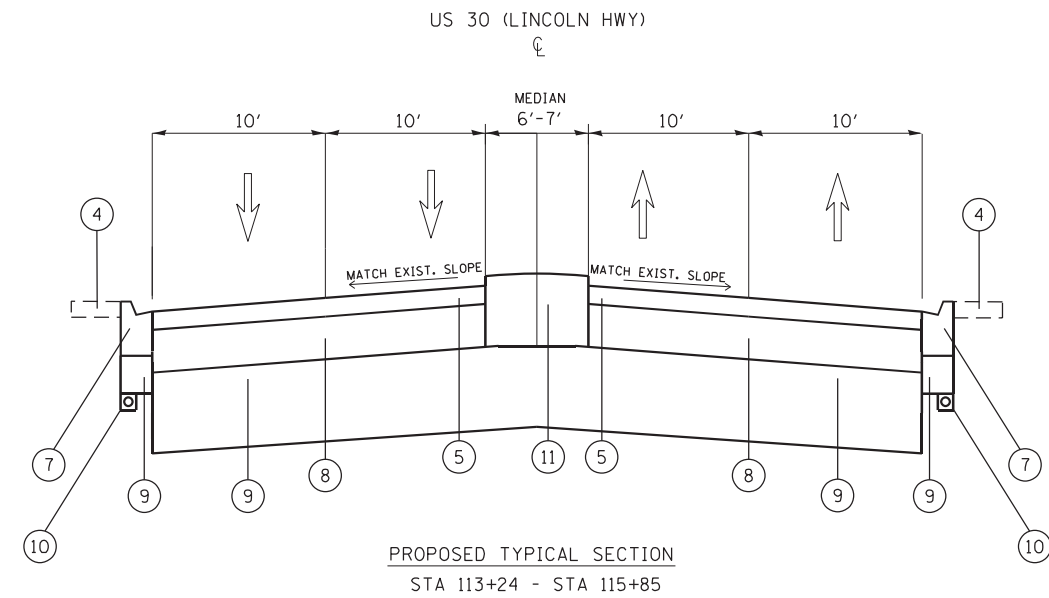
- 1. PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
- 2. EXISTING HMA SURFACE, ~~1.75" +/-~~ **2.5" +/-**
- 3. PROPOSED HMA SURFACE REMOVAL, 1.75"
- 4. EXISTING SIDEWALK, 5"

LEGEND

- 5. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT 9.5 MIX "F", N80 1.75"
- 6. EXISTING COMBINATION CONCRETE CURB AND GUTTER
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- 8. PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- 9. PROPOSED 12" AGGREGATE SUBGRADE IMPROVEMENT
- 10. PIPE UNDERDRAIN TYPE 2, 4"
- 11. CONCRETE MEDIAN



PAVEMENT REMOVAL (FULL DEPTH)



MODEL: Default
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USER NAME = mohammad.hamwi	DESIGNED -	REVISED - 7/26/2023
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/21/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION			
US 30 (HILLTOP AVE TO LOWE AVE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	FAP 353 22 RS	COOK	62	10
CONTRACT NO. 62U08				
ILLINOIS FED. AID PROJECT				