

MODEL: S04-01 [Sheet]
FILE NAME: \\hrgreen.com\hrg\Draws\2020\201569\CAD\Sheets\201569-sh1-eoq.dgn

+ SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE		
				ROADWAY 80% FEDERAL 20% STATE 0004	LIGHTING 80% FEDERAL 20% LOCAL 0021	100% LOCAL 004
20101100	TREE TRUNK PROTECTION	EACH	8	8		
20200100	EARTH EXCAVATION	CU YD	7,634	7,634		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	875	875		
20800150	TRENCH BACKFILL	CU YD	3,275	1,671		1,604
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,540	2,540		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,721	3,721		
25200110	SODDING, SALT TOLERANT	SQ YD	3,721	3,721		
25200200	SUPPLEMENTAL WATERING	UNIT	186	186		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	77	77		
28000400	PERIMETER EROSION BARRIER	FOOT	867	867		
28000510	INLET FILTERS	EACH	65	65		
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	3,721	3,721		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	389	389		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	11,667	11,667		
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	3,300	3,300		
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	10,157	10,157		



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Illinois Professional Design Firm
184-001322

USER NAME = jhorvath	DESIGNED -	REVISED - 7/16/2025 
	DRAWN - BJB	REVISED - XX/XX/XXXX
PLOT SCALE = 0.16666633 1/In.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 7/16/2025	DATE - 7/16/2025	REVISED - XX/XX/XXXX

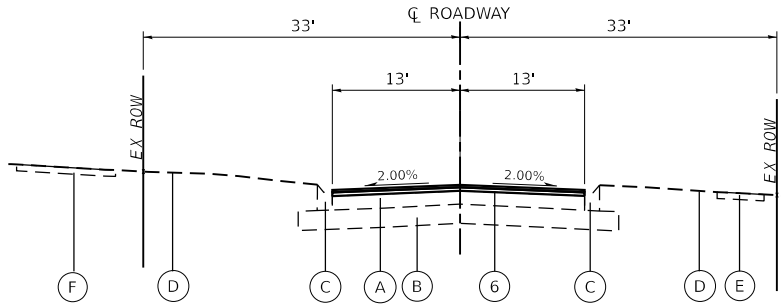
STATE OF ILLINOIS - DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
L.W. BESINGER DRIVE

SCALE: N.T.S. SHEET 1 OF 13 SHEETS STA. TO STA.

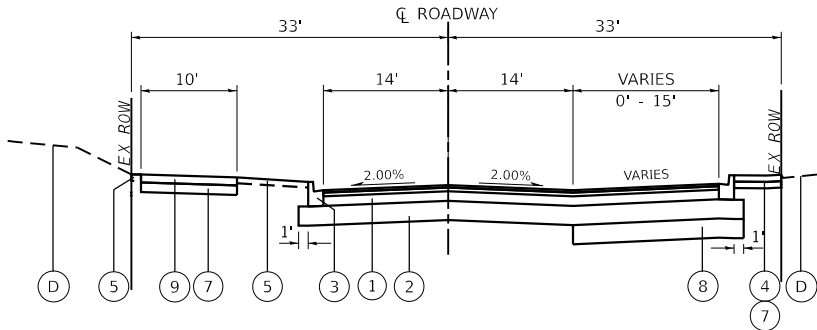
1

X RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4006	22-00094-00-FP	KANE	105	5
CONTRACT NO.			61L58	
ILLINOIS		FED. AID PROJECT		



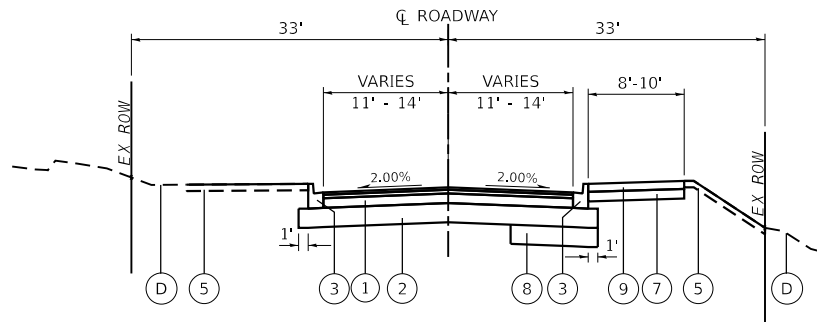
PROPOSED TYPICAL SECTION

BESINGER DRIVE
STA. 100+87.00 - STA. 112+68.12
THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50



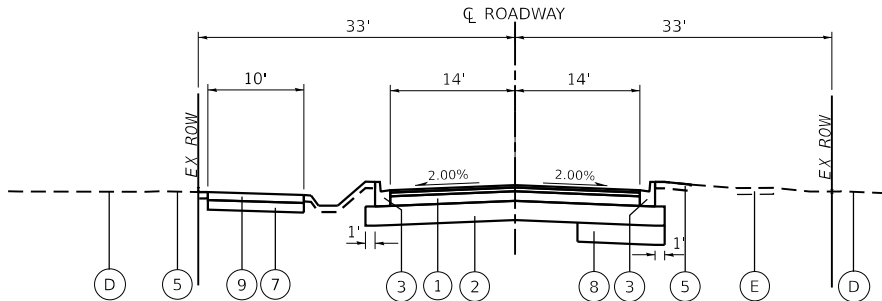
PROPOSED TYPICAL SECTION

BESINGER DRIVE
STA. 112+68.12 - STA. 117+20.50



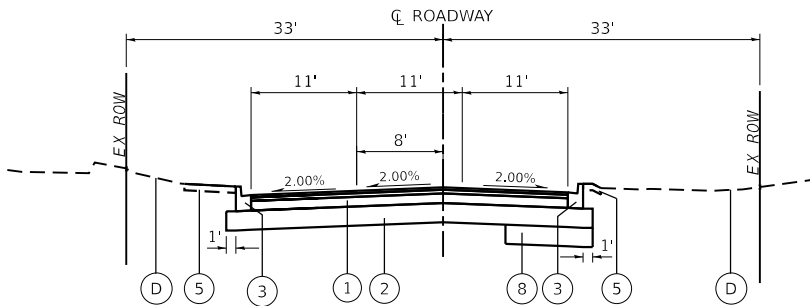
PROPOSED TYPICAL SECTION

BESINGER DRIVE
STA. 128+71.87 - STA. 139+03.90



PROPOSED TYPICAL SECTION

BESINGER DRIVE
STA. 117+20.50 - STA. 128+71.87



PROPOSED TYPICAL SECTION

BESINGER DRIVE
STA. 139+03.90 - STA. 140+44.72

EXISTING LEGEND

- (A) EXISTING PAVEMENT, ~7"
- (B) EXISTING SUBBASE GRANULAR MATERIAL, VARIES, ~11"
- (C) EXISTING COMBINATION CURB AND GUTTER
- (D) EXISTING GROUND
- (E) EXISTING SIDEWALK
- (F) EXISTING HOT-MIX ASPHALT MULTI-USE PATH

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- (2) AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (4) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (5) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- (6) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1-1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"
- (7) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (8) AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (EXACT LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER)
- (9) HOT-MIX ASPHALT MULTI-USE PATH HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1-1/2" HMA BINDER COURSE, IL-19.0, N50; 2-1/4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @ NDES	
FULL DEPTH PAVEMENT: BESINGER DRIVE		
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 7-1/2"	4% @ 50 GYR.	LR 1030-2
PAVEMENT RESURFACING: BESINGER DRIVE		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1-1/2"	4% @ 50 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1-1/2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/4"	4% @ 50 GYR.	LR 1030-2
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm); CE-8"	4% @ 50 GYR.	LR 1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	LR 1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1-1/2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 8"	4% @ 50 GYR.	LR 1030-2
TEMPORARY PAVEMENT (VARIABLE DEPTH)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; (VARIABLE DEPTH)	4% @ 50 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE PER LR 1030-2		

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 RECLAIMED MATERIALS SPECIFICATIONS.

FOR HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED BEFORE AND AFTER THE TOP LIFT OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50

MODEL: typ2 [Sheet]
FILE NAME: 201568-sh-tyr.dgn