

PLAN
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 BY: _____
 DATE: _____
 NOTE BOOK
 NO. _____
 STRUCTURE NOTES CRED

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FILE NAME: 0858-500-01.dwg

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	GCPF (100%), STR (80% / 20%), STU (70% / 30%), COVID (100%)						ITEP (80% / 20%)
				ROADWAY, NEW CONSTRUCTION	ROADWAY, RECONSTRUCTION	SAFETY	BRIDGE, NEW CONSTRUCTION (SN 045-3401)	BRIDGE, NEW CONSTRUCTION (SN 045-3402)	CULVERT, NEW CONSTRUCTION (SN 045-8303)	MULTI-USE PATH
				0001	0004	0021	0008	0008	0008	0028
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	661		411		100	111		39
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	39	17	22					
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	14,942	6,709	8,233					
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	11	11						
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	6	5	1					
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	14	14						
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6		6					
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	10	10						
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1		1					
**	60266600 VALVE BOXES TO BE ADJUSTED	EACH	2		2					
	60500050 REMOVING CATCH BASINS	EACH	1		1					
	60600095 CLASS S1 CONCRETE (OUTLET)	CU YD	19	10	9					
	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	53		53					
	60608582 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	3,411	2,235	1,176					
**	63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,190	3,190						
**	63100085 TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	8						
**	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2						
**	63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2						

* SPECIAL PROVISION
 ** SPECIALTY ITEM



USER NAME - CECamin	DESIGNED - VLJ	REVISED - CEC 1-10-2023
DRAWN - BMS	CHECKED - DWB	REVISED -
PLT SCALE - SB SCALE	DATE - 12-01-22	REVISED -
PLT DATE - 1/18/2023		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

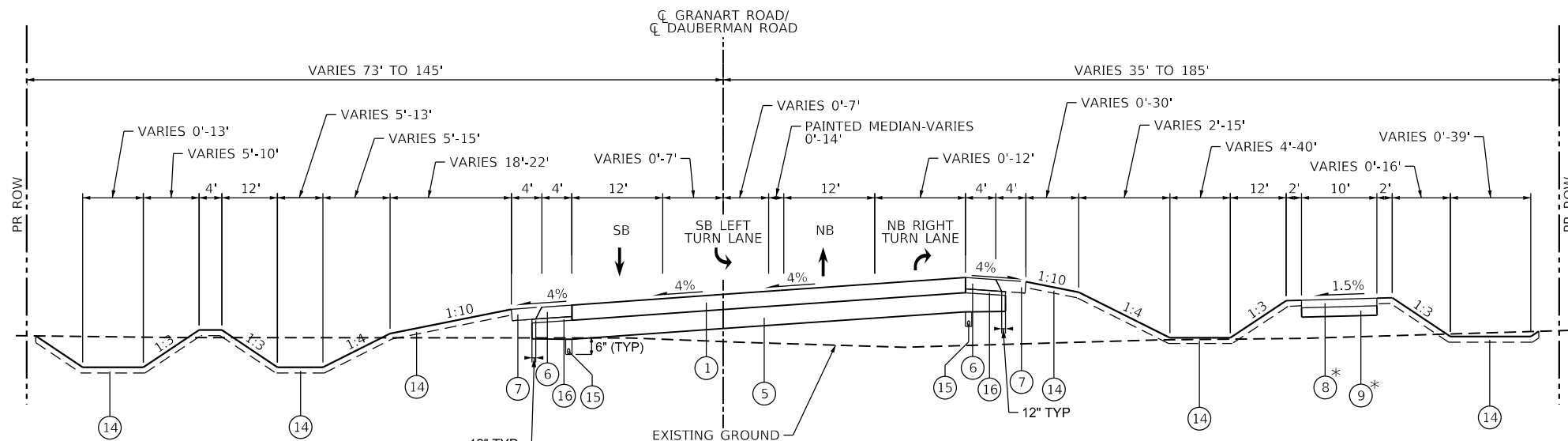
DAUBERMAN ROAD
 SUMMARY OF QUANTITIES

SCALE: NTS SHEET 8 OF 17 SHEETS

F.A.U. RTE. 1107	SECTION 15-00277-01-BR	COUNTY KANE	TOTAL SHEETS 542	SHEET NO. 11
CONTRACT NO. 61H95			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	PAID FILE NAME
NO.	

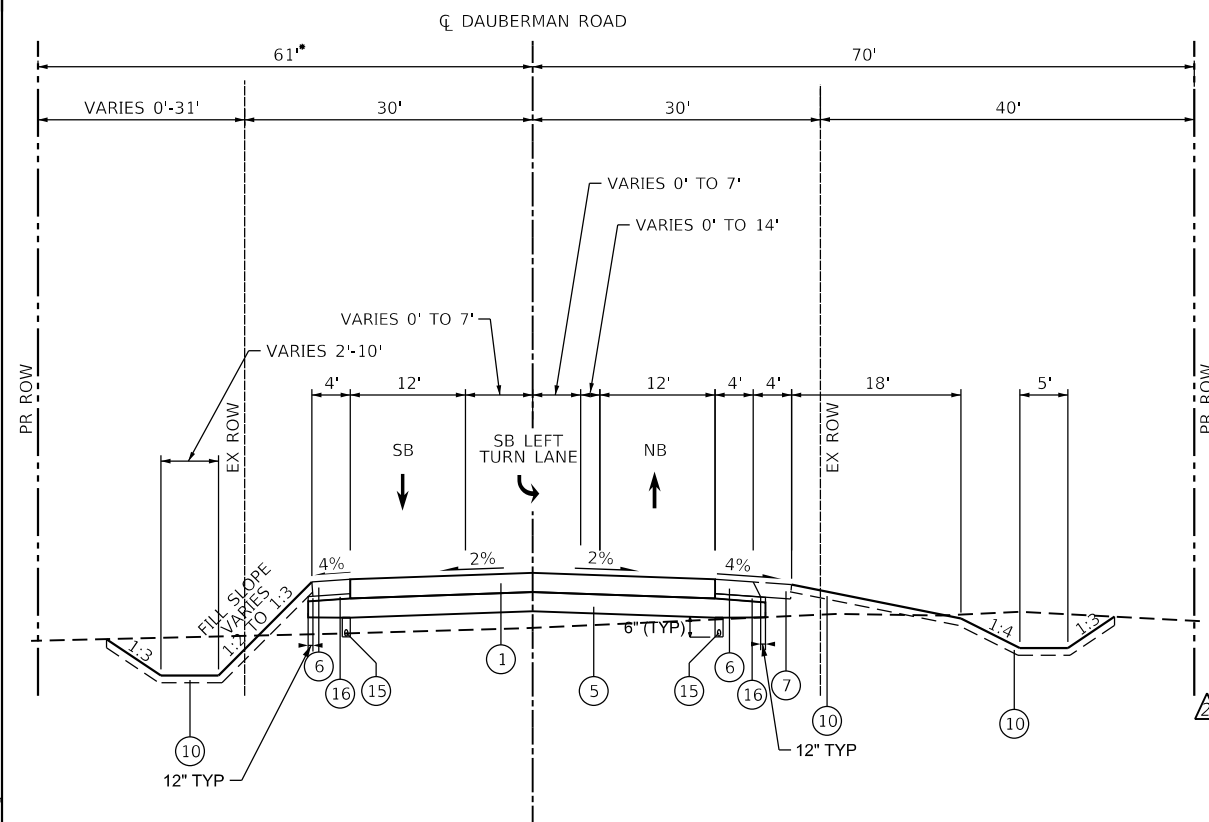
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
NO.	



PROPOSED TYPICAL SECTION
 GRANART ROAD
 STATION 621+05.00 TO STATION 631+62
 DAUBERMAN ROAD
 STATION 631+62 TO STATION 634+03.00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
SHARED USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 3" (IN 2 LIFTS)	4% @ 50 GYRATIONS	LR 1030-2
GRANART RD (SOUTH STA 631+62/DAUBERMAN RD NORTH) & CONNECTOR RD (PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10")		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 2"	4% @ 70 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"	4% @ 70 GYRATIONS	LR 1030-2
GRANART ROAD TO EAST (BEGINS AT STA 700+00) (PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4")		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 2"	4% @ 50 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 5 1/4"	4% @ 50 GYRATIONS	LR 1030-2
U.S. ROUTE 30 RECONSTRUCTION		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 2"	4% @ 70 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) 8"	4% @ 70 GYRATIONS	LR 1030-2
U.S. ROUTE 30 RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 2"	4% @ 70 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"	4% @ 70 GYRATIONS	LR 1030-2
HMA SHOULDERS, 8" - GRANART RD (SOUTH OF STA 631+62)/DAUBERMAN ROAD (NORTH OF STA 631+62), CONNECTOR ROAD & U.S ROUTE 30		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 2"	4% @ 70 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 6"	4% @ 70 GYRATIONS	LR 1030-2
HMA SHOULDERS, 7 1/4" - GRANART ROAD EAST (BEGINS AT STA 700+00)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 2"	4% @ 50 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 5 1/4"	4% @ 50 GYRATIONS	LR 1030-2
HMA SHOULDERS, 4" - TEMPORARY AT NORTH END OF DAUBERMAN FOR USE BY TRAFFIC IN STAGE I		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 1 3/4"	4% @ 50 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4"	4% @ 50 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT 8" & 10"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 2"	4% @ 50 GYRATIONS	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) PE - 6", CE - 8"	4% @ 50 GYRATIONS	LR 1030-2
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 2"	4% @ 70 GYRATIONS	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3/4"	2.5% @ 50 GYRATIONS	LR 1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE "MIX D", IL-9.5, N70, 2"	4% @ 70 GYRATIONS	LR 1030-2
(HMA BINDER IL-19 mm), 8"	4% @ 70 GYRATIONS	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		



PROPOSED TYPICAL SECTION
 DAUBERMAN ROAD
 STATION 666+84.00 TO STATION 675+94.62

- PROPOSED**
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 8"
(PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10")
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 5 1/4"
(PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4")
 - HOT-MIX ASPHALT BASE COURSE - 8"
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 - 2"
 - AGGREGATE SUBGRADE IMPROVEMENT 12"
 - HOT-MIX ASPHALT SHOULDERS, 8"
 - AGGREGATE SHOULDERS, TYPE B 8"
 - SHARED USE PATH, HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 3"
 - AGGREGATE BASE COURSE, TYPE B 6"
 - TOPSOIL EXCAVATION AND PLACEMENT, 4" AND SEEDING AS NOTED ON PLANS
 - COMBINATION CONCRETE CURB & GUTTER, TY M-4.24
 - WOOD POST AND RAIL FENCE
 - STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - TOPSOIL EXCAVATION AND PLACEMENT 6"
 - PIPE UNDERDRAIN 4", TYPE 2
 - SUBBASE GRANULAR MATERIAL, TYPE C (2")
 - HOT-MIX ASPHALT SHOULDERS, 7 1/4"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-2 1/4"
 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 2"
 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 - 2"
 - AGGREGATE SURFACE COURSE, TYPE B 12"
 - SUBBASE GRANULAR MATERIAL, TYPE B 2"

- NOTES**
- TOPSOIL FURNISH AND PLACE, 12" TO BE APPLIED IN ALL BASINS TO HWL.
 - US 30 - LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT.

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/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.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS; THICKNESS SHALL BE 8". TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

PR ROW IS FROM STA. 666+84.00 TO 668+50.00, AND 670+50.00 TO 675+94.62.



USER NAME = CECComn	DESIGNED - VLJ	REVISED - CEC 1-10-2023
DRAWN - BMS	REVISOR -	
CHECKED - DWB	REVISOR -	
DATE - 12-01-22	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DAUBERMAN ROAD
PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1107	15-00277-01-BR	KANE	542	23
CONTRACT NO. 61H95				

ILLINOIS FED. AID PROJECT