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INDEX OF HIGHWAY STANDARDS FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

03-07-2025 LETTING ITEM 013

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1100 (HASSELL ROAD) RESURFACING SECTION 22-00112-00-RS PROJECT UR81(697) **VILLAGE OF HOFFMAN ESTATES COOK COUNTY**

DESIGN SPEED: HASSELL ROAD - 30 MPH

POSTED SPEED: HASSELL ROAD - 25 MPH

DESIGN DESIGNATIONS:

HASSELL ROAD - 3,650 (2018) MAJOR COLLECTOR

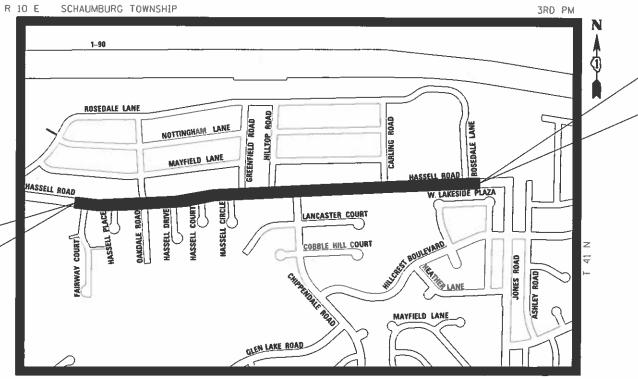
RESURFACING BEGINS STA. 100+67.58 HASSELL ROAD

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

CONTRACT NO. 61L23

C-91-192-24



LOCATION MAP NOT TO SCALE

GROSS LENGTH - 4,167.00 FT. (0.789 MILE) NET LENGTH - 4,167.00 FT. (0,789 MILE)

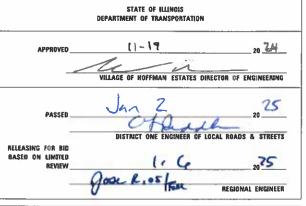
PROJECT LENGTH:



RESURFACING ENDS STA. 142+34.58 HASSELL ROAD

COOK 56 I 22-00112-00-RS 1100 ILLINOIS CONTRACT NO. 61L23





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Two Pierce Place, Suite 1400 - Itasca, Illinois 60143 Tel: 630.773.3900 - Fax: 630.773.3975

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INDEX OF SHEETS

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	2		INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES
	3		GENERAL NOTES AND COMMITMENTS
4	TO	9	SUMMARY OF QUANTITIES
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	21		MAINTENANCE OF TRAFFIC GENERAL NOTES
22	ТО	40	ADA GRADING PLAN
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43	ТО	44	LANDSCAPING PLAN
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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C & D PATCHES
602001-02	CATCH BASIN TYPE A
602301-04	INLET - TYPE A
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604011-05	FRAME AND GRATE TYPE 3V
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS

IDOT DISTRICT ONE STANDARDS

BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2025; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" EIGHTH EDITION, "AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION"; THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- 2. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- ALL UTILITY COMPANIES, HOFFMAN ESTATES FIRE DEPARTMENT (847-843-4825), AND HOFFMAN ESTATES POLICE DEPARTMENT (847-781-2800) SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- 5. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE EITHER HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY HIM/HER, OR DISPOSED OF WITHIN THE RIGHT-OF-WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER.
- 6. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED, AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- 7. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

PAVING, CURB & GUTTER AND SIDEWALK

- HOT-MIX ASPHALT BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- HOT-MIX ASPHALT SURFACE COURSE AND HOT-MIX ASPHALT BINDER COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION AND TOPSOIL PLACEMENT HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- 3. THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE, BINDER, OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.
- 4. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER, MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND REPLACEMENT, AND PATCHING WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

UTILITIES

- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL SURFACE AND UNDERGROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AS COORDINATED WITH THE UTILTY OWNER. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS/HER CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT THE RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER
- STRUCTURE ADJUSTMENTS AND RECONSTRUCTIONS HAVE BEEN SHOWN BASED ON FIELD INVESTIGATIONS. THE FINAL DETERMINATION FOR WHETHER THE WORK TO BE PERFORMED IS AN ADJUSTMENT OR RECONSTRUCTION WILL BE MADE BY THE ENGINEER IN THE FIELD.



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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES 22-00112-00-RS COOK 56 CONTRACT NO. 61L23 SHEET 1 OF 2 SHEETS

STORM & SANITARY SEWER

- DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE LANE. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
- 2. ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES SHALL BE REPAIRED BY THE CONTRACTOR.
- 3. ONLY METHOD 1 UNDER ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS SHALL BE ALLOWED FOR THE

STAKING

- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE ENGINEER OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED
- 2. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SIDEWALK, UNLESS OTHERWISE INDICATED.
- THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.

EROSION CONTROL

- ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
- ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
- ALL SLOPES SHALL BE COVERED WITH SOD AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED. THE LIMITS OF THE SOD SHALL BE THE LIMITS OF GRADING. USE TEMPORARY EROSION CONTROL SEEDING WHEN THE SODDING TIME IS BEYOND THE PERMITTED CONDITIONS PER ARTICLE 252.04 OF THE STANDARD SPECIFICATIONS
- 6. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN THE CURB AND GUTTER.
- 7. THE SURFACE OF ALL STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION WITH THE USE OF TEMPORARY EROSION CONTROL SEEDING. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- 8. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
- 9. SEE STANDARD 280001 FOR ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL DETAILS AND REQUIREMENTS.

- 1. UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- 2. THE CONTRACTOR SHALL NOT CROSS COMPLETED BINDER COURSE OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT
- THE CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT-OF-WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07.

COMMITMENTS

THERE ARE NO COMMITMENTS.

PROFILE SURVEYED POTTED ROTTED RODGE SOOK SWANTED POTTED STRUCTURE NOTATIVE CHICA CH
SURVEYED GRADES CHECKED B.M. NOTED STRUCTURE NOTATINS CHKD

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	DENIEDAL MOTEO AND COMMITMENTO	F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	GENERAL NOTES AND COMMITMENTS	1100	22-00112-00-RS	соок	56	3
				CONTRACT	NO. 6	1L23
l SE	HEET 2 OF 2 SHEETS		ILLINOIS			

					CONSTRUCTION CODE
TEM	CODE NO.	ITEM	UNIT	TOTAL	0005
I. ∠	CODE NO.	I I EIVI	UNIT	QUANTITY	RESURFACING
SPECIALTY ITEM					75% FEDERAL / 25% VILLAGE
	20101000	TEMPORARY FENCE	FOOT	560	560
	20101200	TREE ROOT PRUNING	EACH	14	14
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	7	7
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	7	7
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	141	141
	20800150	TRENCH BACKFILL	CU YD	47	47
	21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	2995	2995
	25000100	SEEDING, CLASS 1	ACRE	0.75	0.75
	23000100	SELDING, CLASS 1	ACKE	0.75	0.75
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	57	57
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	57	57
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	57	57
	25100630	EROSION CONTROL BLANKET	SQ YD	2995	2995
	25200200	SUPPLEMENTAL WATERING	UNIT	136	136
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	62	62
	28000510	INLET FILTERS	EACH	30	30
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2995	2995



JFG DJK DATE 11/18/2024 REVISED -

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

| COUNTY | TOTAL | SHEET | NO | COOK | 56 | 4 | CONTRACT NO. 61L23

SHEET 1 OF 6 SHEETS

					CONSTRUCTION CODE
SPECIALTY ITEM					0005
CIALT	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RESURFACING
SPE					75% FEDERAL / 25% VILLAGE
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	141	141
\rightarrow					
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2339	2339
	31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	6	6
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11272	11272
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	25	25
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	196	196
	40602070	HOT MIX ASSUALT DINDED COURSE II. 0.5. NEO	TON	50	50
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	50	50
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	689	689
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1404	1404
	42001300	PROTECTIVE COAT	SQ YD	6329	6329
	42400800	DETECTABLE WARNINGS	SQ FT	344	344
\Box	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	16699	16699
$\overline{}$	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2355	2355
	11000200	Side William Renovie	34 15	2333	2333
=	44000600	SIDEWALK REMOVAL	SQ FT	29764	29764
\dashv	44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	65	65
	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	303	303

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

COUNTY TOTAL SHEET NO.

COOK 56 5 F.A.U. RTE. 1100 SECTION SUMMARY OF QUANTITIES 22-00112-00-RS CONTRACT NO. 61L23 SHEET 2 OF 6 SHEETS

					CONSTRUCTION CODE
SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 RESURFACING 75% FEDERAL
					25% VILLAGE
	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	286	286
	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	144	144
	550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	48	48
4	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	24	24
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	8	8
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	16	16
+	55100400	STORM SEWER REMOVAL 10"	FOOT	48	48
	55100500	STORM SEWER REMOVAL 12"	FOOT	59	59
	55100700	STORM SEWER REMOVAL 15"	FOOT	8	8
	55100900	STORM SEWER REMOVAL 18"	FOOT	13	13
_	55101100	STORM SEWER REMOVAL 21"	FOOT	16	16
	60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4	4
	60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2
	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2	2
+	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
	60404300	FRAMES AND GRATES, TYPE 3	EACH	13	13

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

COUNTY TOTAL SHEET NO.

COOK 56 6 F.A.U. RTE. 1100 SECTION SUMMARY OF QUANTITIES 22-00112-00-RS CONTRACT NO. 61L23 SHEET 3 OF 6 SHEETS

					CONSTRUCTION CODE
SPECIALTY ITEM					0005
ZIALT	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RESURFACING
SPE(75% FEDERAL / 25% VILLAGE
	60404305	FRAMES AND GRATES, TYPE 3V	EACH	2	2
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	7	7
	60500040	REMOVING MANHOLES	EACH	2	2
	60500050	REMOVING CATCH BASINS	EACH	1	1
\dashv	60500060	REMOVING INLETS	EACH	5	5
	00300000	REMOVING INLETS	EACH	3	3
	67100100	MOBILIZATION	L SUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	4955	4955
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1635	1635
Х	72000100	SIGN PANEL - TYPE 1	SQ FT	28	28
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1
_					
х	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	149	149

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

COUNTY TOTAL SHEET NO.
COOK 56 7
CONTRACT NO. 61L23 F.A.U. RTE. 1100 SECTION SUMMARY OF QUANTITIES 22-00112-00-RS SHEET 4 OF 6 SHEETS

					CONSTRUCTION CODE
Y ITEM				TOTAL	0005
SPECIALTY	CODE NO.	ITEM	UNIT	QUANTITY	RESURFACING
SPE					75% FEDERAL / 25% VILLAGE
х	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1487	1487
х	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	982	982
Х	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	92	92
х	78200020	CURB REFLECTORS	EACH	14	14
	K1005481	SHREDDED BARK MULCH 3"	SQ YD	7	7
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	50	50
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	10	10
	X4230710	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL)	SQ YD	2339	2339
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT	30045	30045
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	420	420
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5	5
	XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	1
	XX009049	REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)	FOOT	2819	2819
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	17	17
+	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	2	2
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

COUNTY SHEETS NO.
COOK 56 8
CONTRACT NO. 61L23 F.A.U. RTE. SECTION SUMMARY OF QUANTITIES 22-00112-00-RS SHEET 5 OF 6 SHEETS

1		BY	DATE
PROFILE			
	PLOTTED		
NOTE BOOK	NOTE BOOK GRADES CHECKED		
	B.M. NOTED		
NO.	STRUCTURE NOTATINS CHIKD		

					CONSTRUCTION CODE
ry item			UNIT	TOTAL QUANTITY	0005
SPECIALTY	CODE NO.	ITEM			RESURFACING
SPE					75% FEDERAL / 25% VILLAGE
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	33	33
	Z0056611	STORM SEWER (WATER MAIN REQUIREMENTS) 16 INCH	FOOT	12	12

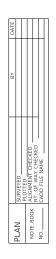
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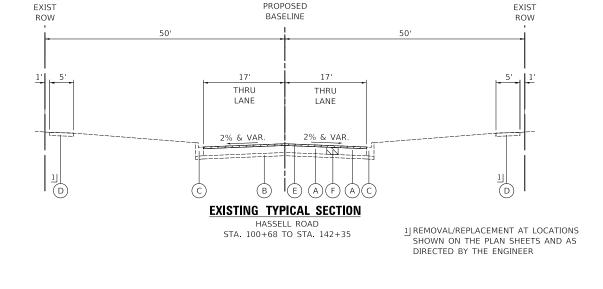
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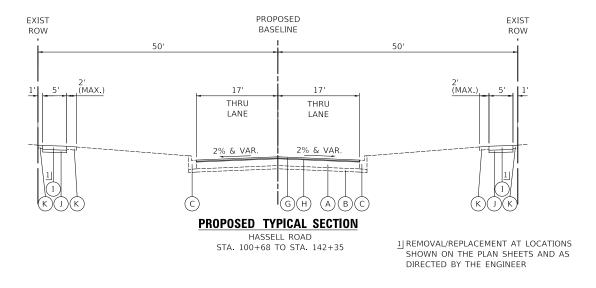
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

COUNTY TOTAL SHEET NO.

COOK 56 9 F.A.U. RTE. 1100 SECTION SUMMARY OF QUANTITIES 22-00112-00-RS CONTRACT NO. 61L23 SHEET 6 OF 6 SHEETS







LEGEND

- A EXISTING H.M.A. PAVEMENT (11" & VARIES)
- (B) EXISTING AGGREGATE BASE (4" & VARIES)
- © EXISTING COMBINATION CONCRETE CURB AND GUTTER (REMOVAL AND REPLACEMENT PAID FOR AS "REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)")
- EXISTING P.C.C. SIDEWALK
- (REMOVAL PAID FOR AS "SIDEWALK REMOVAL")
- E HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- PROPOSED CLASS D PATCH, 9 INCH
- (LOCATION TO BE DETERMINED IN FIELD BY ENGINEER)
- \bigcirc HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1½"
- (H) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"
- P.C.C. SIDEWALK 5 INCH (SPECIAL)
- J SUBBASE GRANULAR MATERIAL, TYPE B 4"
 (INCLUDED IN THE COST OF PCC SIDEWALK, 5 INCH (SPECIAL))
- TOPSOIL, FURNISH AND PLACE, VARIABLE DEPTH
- SEEDING, CLASS 1



CLASS D PATCH (9")

HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE					
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP			
PROPOSED RESURFACING					
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1½"	4% @ 50 GYR.	LR 1030-2			
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, $rac{3}{4}$ "	3.5% @ 50 GYR.	LR 1030-2			
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (DEPTH VARIES 1½"-2¼") (NOTE 4) 4% @ 50 GYR.					
PROPOSED DRIVEWAY					
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (IN 2 LIFTS) 4% @ 50 GYR.					
CLASS D PATCHES					
CLASS D PATCH (HMA BINDER IL-19 mm) 4% @ 50 GYR.					
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2	QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2				

NOTES:

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY-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.
- 3. THE CONTRACTOR SHALL MILL THE PAVEMENT BEFORE PATCHING.
- 4. FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR ADJUSTMENTS TO THE EDGE OF PAVEMENT GRADES REQUIRED TO MEET ADA REQUIREMENTS.

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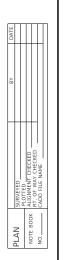
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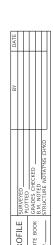
 DRAWN JFG
 REVISED

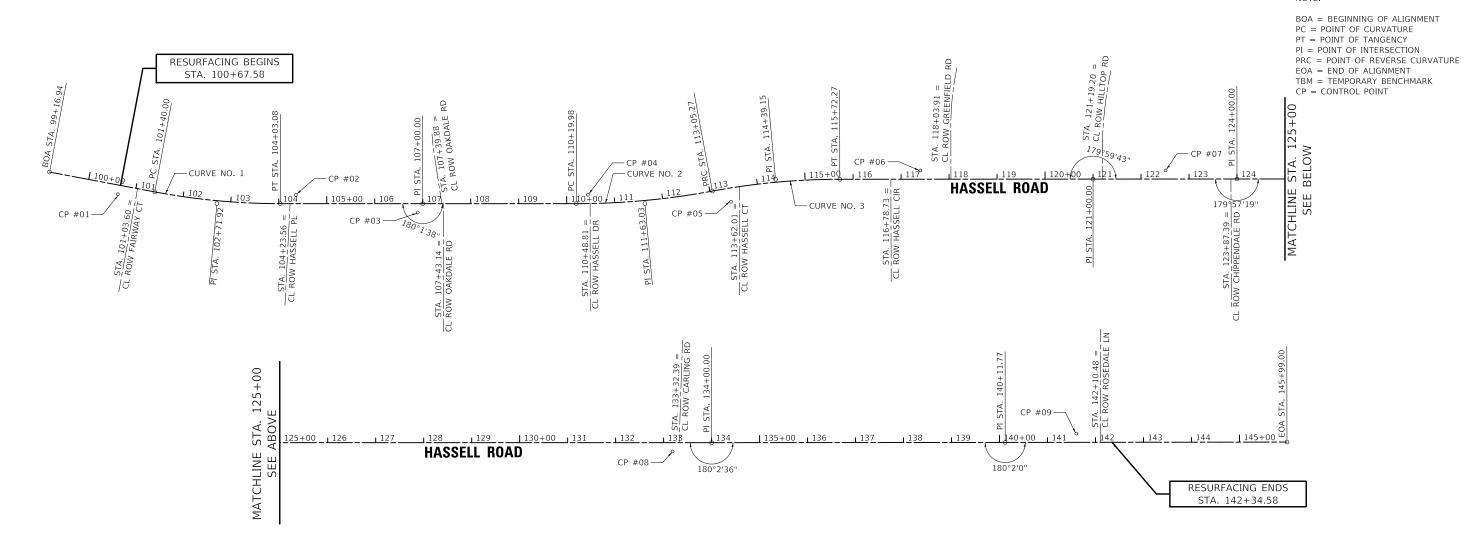
 CHECKED DJK
 REVISED

 DATE 11/18/2024
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION







HASSELL ROAD ALIGNMENT DATA

POINT	STATION	NORTHING	EASTING
ВОА	99+16.94	1,965,475.335	1,043,102.853
PC	101+40.00	1,965,445.087	1,043,323.850
PI	102+71.92	1,965,427.197	1,043,454.551
PT	104+03.08	1,965,433.777	1,043,586.306
PI	107+00.00	1,965,448.585	1,043,882.857
PC	110+19.98	1,965,464.695	1,044,202.430
PI	111+63.03	1,965,471.897	1,044,345.300
PRC	113+05.27	1,965,505.126	1,044,484.438
PI	114+39.15	1,965,536.224	1,044,614.653
PT	115+72.27	1,965,543.039	1,044,748.357
PI	121+00.00	1,965,569.901	1,045,275.403
PI	124+00.00	1,965,585.196	1,045,575.013
PI	134+00.00	1,965,635.403	1,046,573.751
PI	140+11.77	1,965,666.579	1,047,184.727
EOA	145+99.00	1,965,969.845	1,047,771.170

HASSELL ROAD	HASSELL ROAD	HASSELL ROAD
CURVE NO. 1	CURVE NO. 2	CURVE NO. 3
PI STA. = 102+71.92	PI STA. = 111+63.03	PI STA. = 114+39.15
$\Delta = 10^{\circ} 39' 09.01'' (LT)$	$\Delta = 10^{\circ} 32' 45.27'' (LT)$	$\Delta = 10^{\circ} 30' 50.99'' (RT)$
D = 4° 02' 57.02"	D = 3° 41' 47.41"	D = 3° 56' 16.28"
R = 1,415.00'	R = 1,550.00'	R = 1,455.00'
T = 131.92'	T = 143.05'	T = 133.88'
L = 263.08'	L = 285.29'	L = 267.00'
E = 6.14'	E = 6.59'	E = 6.15'
P.C. STA. = 101+40.00	P.C. STA. = 110+19.98	P.R.C. STA. = 113+05.27
P.T. STA. = 104+03.08	P.R.C. STA. = 113+05.27	P.T. STA. = 115+72.27

CONTROL POINTS / BENCHMARKS

POINT NO.	NORTHING	EASTING	STATION	OFFSET	ELEVATION	DESCRIPTION
1	1,965,436.460	1,043,247.400	100+65.43	18.91' RT	805.18	CROSS CUT IN CURB
2	1,965,453.340	1,043,617.740	104+35.45	17.97' LT	812.65	CROSS CUT IN CURB
3	1,965,429.820	1,043,873.480	106+89.70	18.27' RT	815.26	CROSS CUT IN CURB
4	1,965,484.360	1,044,225.760	110+44.56	18.27' LT	814.28	CROSS CUT IN CURB
5	1,965,484.830	1,044,524.410	113+40.12	28.62' RT	811.25	CROSS CUT IN CURB
6	1,965,569.790	1,044,915.130	117+40.19	18.23' LT	805.95	CROSS CUT IN CURB
7	1,965,595.650	1,045,425.420	122+51.14	18.07' LT	809.83	CROSS CUT IN CURB
8	1,965,613.160	1,046,493.470	133+18.71	18.18' RT	786.30	CROSS CUT IN CURB
9	1,965,692.350	1,047,331.970	141+60.15	18.15' LT	786.29	CROSS CUT IN CURB

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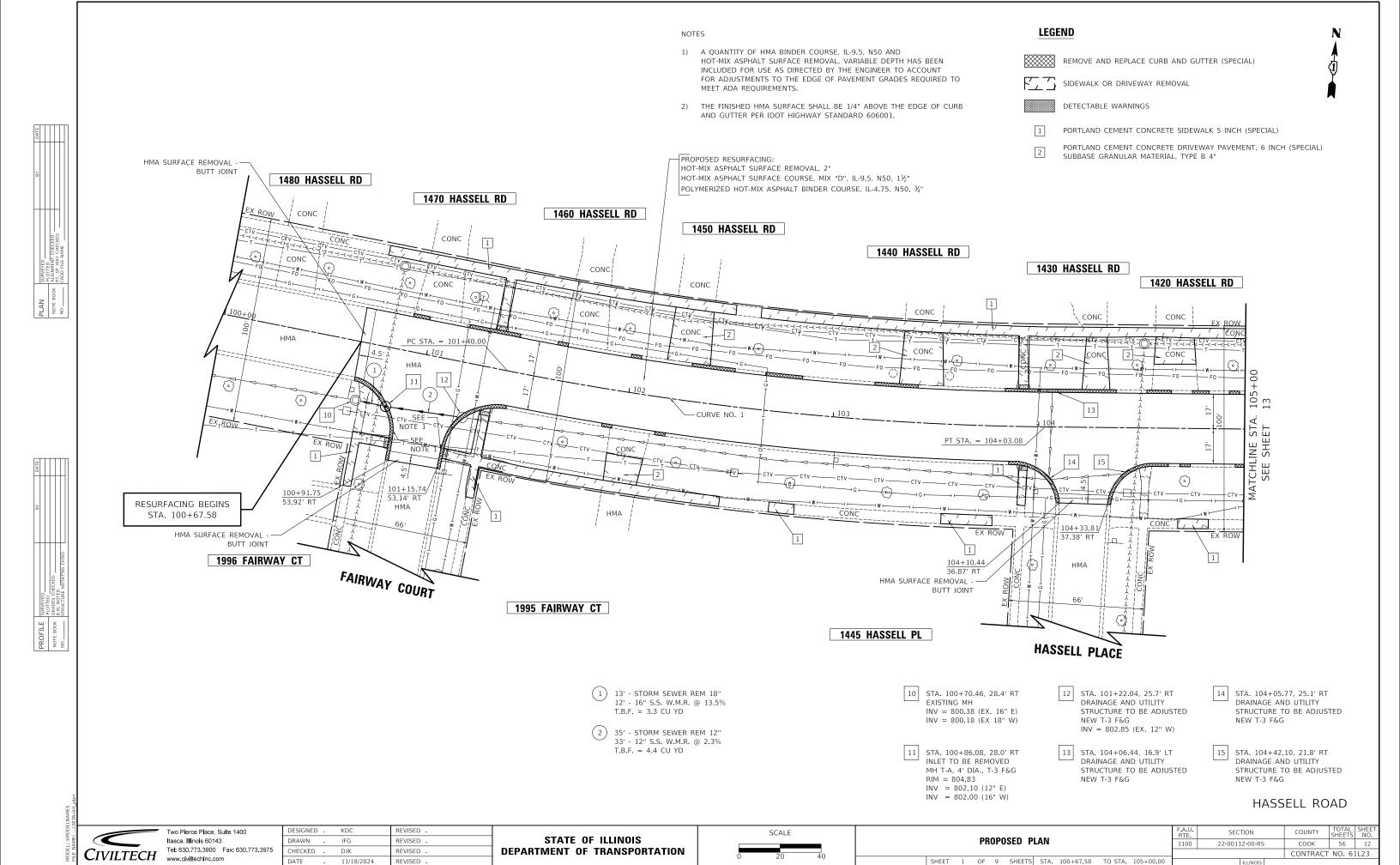
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

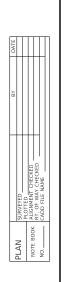
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ALIGNMENT, TIES, AND BENCHMARKS SHEET 1 OF 1 SHEETS STA. 99+16.94 TO STA. 145+99.06

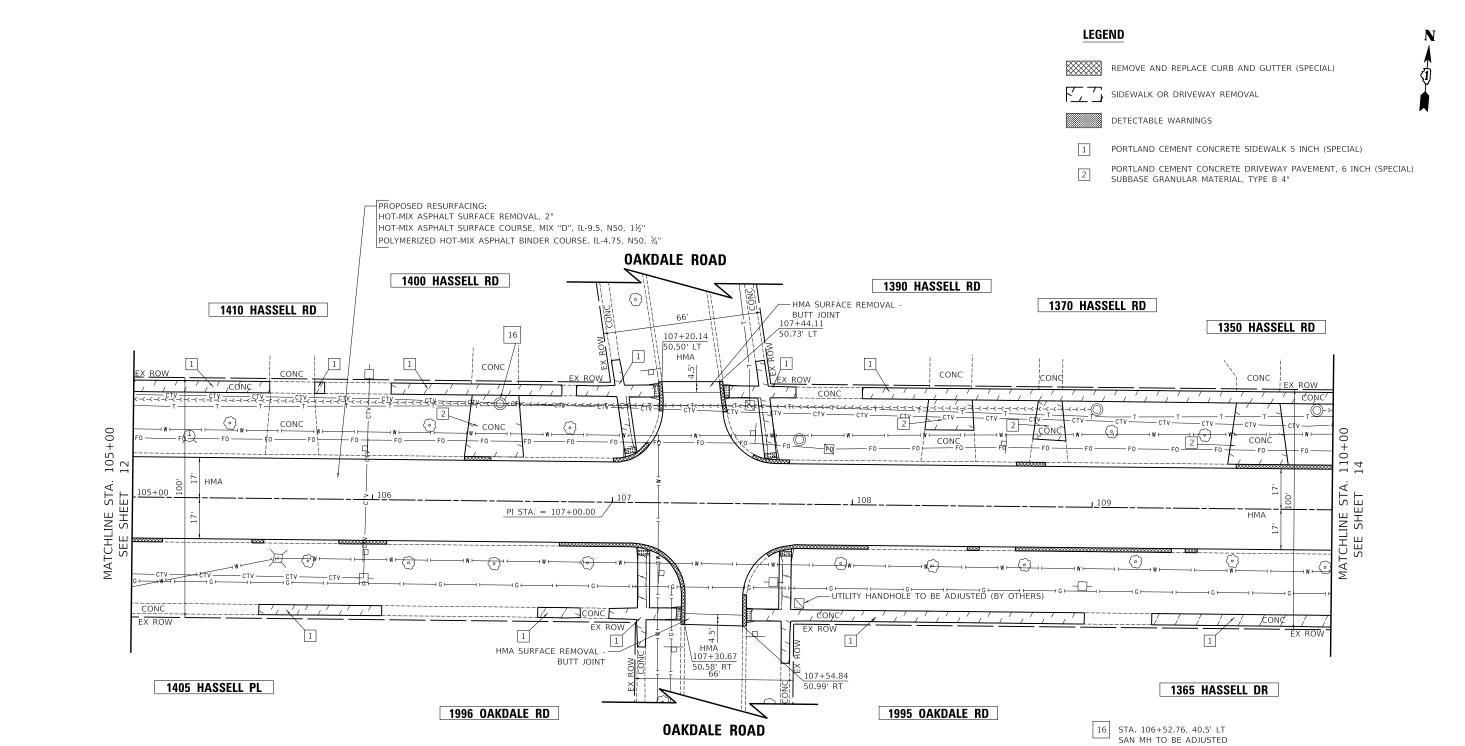
SECTION 22-00112-00-RS соок

56 11 CONTRACT NO. 61L23









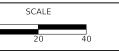
HASSELL ROAD



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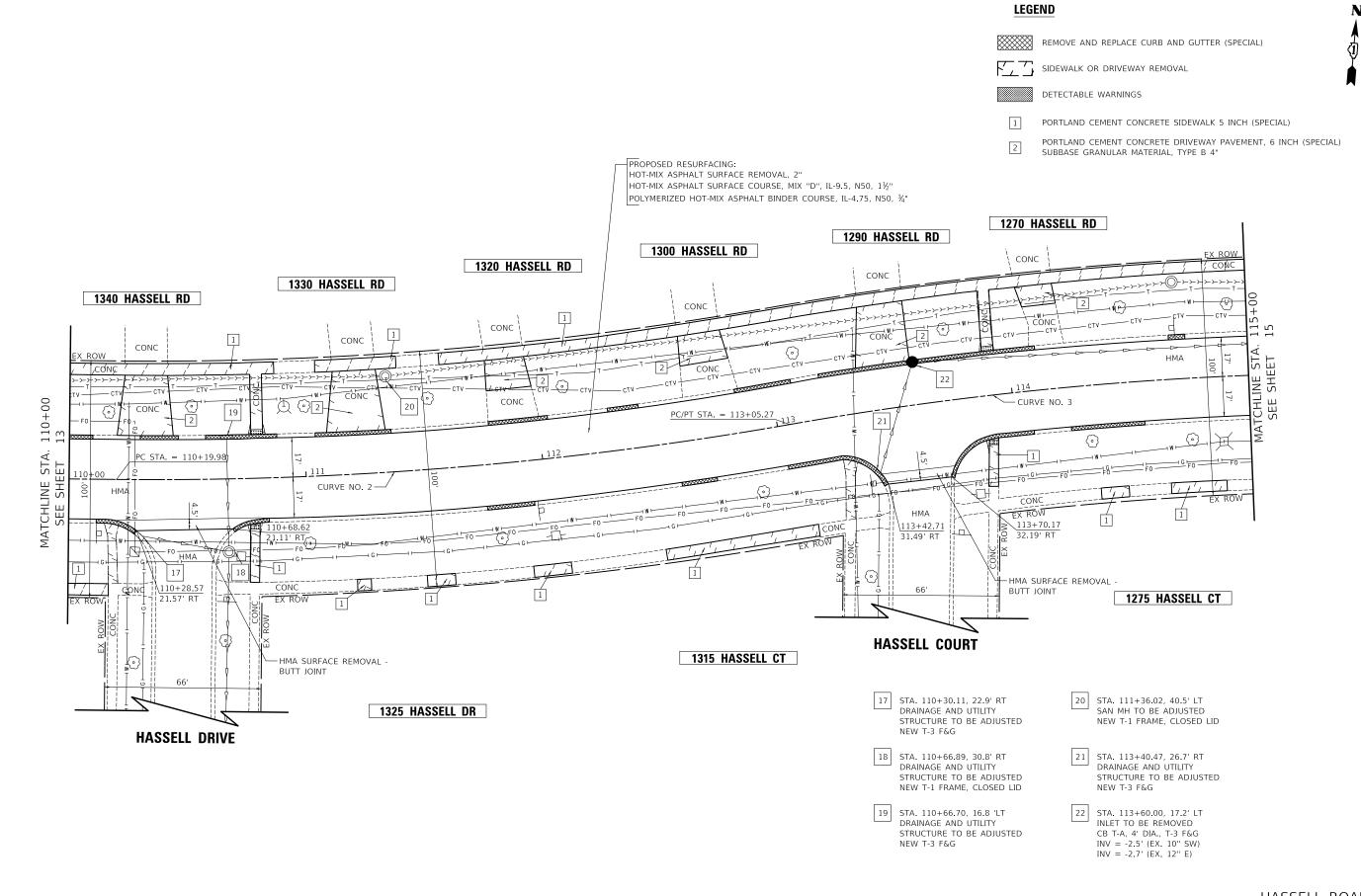


PROPOSED PLAN SHEET 2 OF 9 SHEETS STA. 105+00.00 TO STA. 110+00.00

NEW T-1 FRAME, CLOSED LID

SECTION 22-00112-00-RS

COOK 56 13 CONTRACT NO. 61L23



HASSELL ROAD



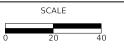
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 DRAWN
 JFG
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 CHECKED
 DJK
 REVISED

 DATE
 11/18/2024
 REVISED

REVISED - STATE OF ILLINOIS
REVISED - DEPARTMENT OF TRANSPORTATION
REVISED -



PROPOSED PLAN

| SHEET 3 OF 9 SHEETS | STA. 110+00.00 TO STA. 115+00.00

F.A.U. RTE. SECTION 1100 22-00112-00-RS

COUNTY TOTAL SHEETS NO.

COOK 56 14

CONTRACT NO. 61L23

LEGEND

REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)



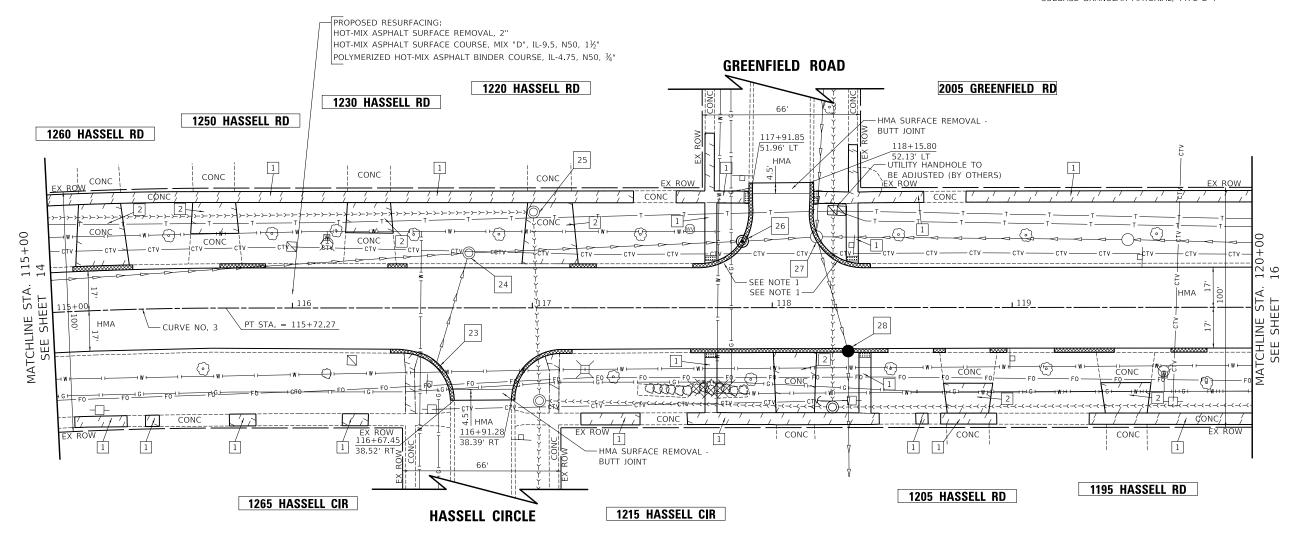
SIDEWALK OR DRIVEWAY REMOVAL



DETECTABLE WARNINGS



- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL) SUBBASE GRANULAR MATERIAL, TYPE B 4"



NOTE

1) A QUANTITY OF HMA BINDER COURSE, IL-9.5, N50 AND

MEET ADA REQUIREMENTS.

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH HAS BEEN

INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR ADJUSTMENTS TO THE EDGE OF PAVEMENT GRADES REQUIRED TO

- 23 STA. 116+60.43, 23.0' RT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G
- 24 STA. 116+73.58, 22.9' LT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-1 FRAME, CLOSED LID
- 25 STA. 117+00.49, 40.0' LT SAN MH TO BE ADJUSTED NEW T-1 FRAME, CLOSED LID
- 26 STA 117+88.50, 27.1 LT MH TO BE REMOVED MH T-A, 4' DIA., T-3 F&G INV = -2.6' (EX. 12'' W)INV = -2.95' (EX. 15" E)
- 27 STA. 118+17.74, 29.2 LT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G
- 28 STA. 118+31.61, 17.0' RT MH TO BE REMOVED CB T-A, 4' DIA., T-3 F&G INV = -3.7 (EX. 21 NW)INV = -3.8 (EX. 21" S) INV = -2.8' (EX. 4" W)

HASSELL ROAD



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PROPOSED PLAN

SHEET 4 OF 9 SHEETS STA. 115+00.00 TO STA. 120+00.00

SECTION COUNTY 22-00112-00-RS COOK 56 15 CONTRACT NO. 61L23

LEGEND

REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)

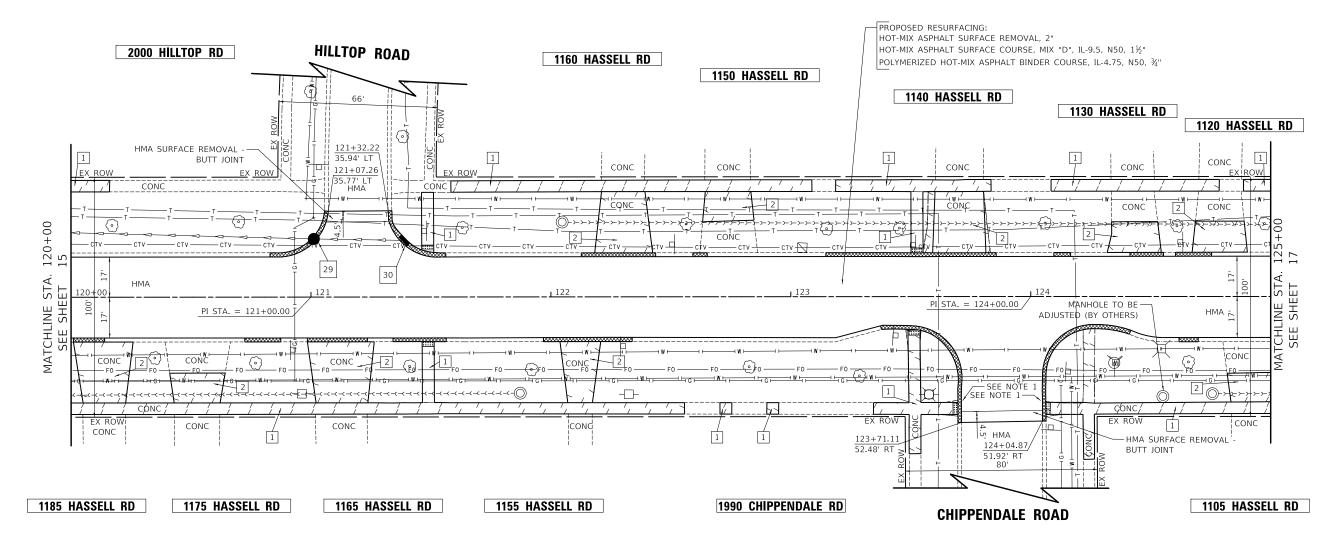
SIDEWALK OR DRIVEWAY REMOVAL



DETECTABLE WARNINGS



- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL) SUBBASE GRANULAR MATERIAL, TYPE B 4"



NOTE

1) A QUANTITY OF HMA BINDER COURSE, IL-9.5, N50 AND

MEET ADA REQUIREMENTS.

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH HAS BEEN

INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR ADJUSTMENTS TO THE EDGE OF PAVEMENT GRADES REQUIRED TO

> 29 STA. 121+01.90, 23.6' LT INLET TO BE REMOVED CB T-A, 4' DIA., T-3 F&G INV = -2.2' (EX. 4" N) INV = -2.8' (EX. 12" W) INV = -2.75 (EX. 10" E)

30 STA. 121+37.97, 22.6' LT INLET TO BE REMOVED INLET T-A T-3 F&G INV = -2.4' (EX. 10" W)

HASSELL ROAD

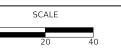


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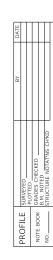
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**



PROPOSED PLAN

SECTION 22-00112-00-RS SHEET 5 OF 9 SHEETS STA. 120+00.00 TO STA. 125+00.00

COUNTY COOK 56 16 CONTRACT NO. 61L23



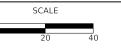
REMOVE AND REPLACE CURB AND GUTTER (SPECIAL) SIDEWALK OR DRIVEWAY REMOVAL DETECTABLE WARNINGS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL) SUBBASE GRANULAR MATERIAL, TYPE B 4" PROPOSED RESURFACING: HOT-MIX ASPHALT SURFACE REMOVAL, 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1½" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4" 1110 HASSELL RD 1100 HASSELL RD 1080 HASSELL RD 1070 HASSELL RD 1060 HASSELL RD 1050 HASSELL RD CONC/ CONC CONC CONC +000 ~{}}~~~\~~\$ CONC 31 MATCHLINE STA. SEE SHEET HMA HMA E —√w⊢ CONC CONC CONC CONC CONC CONC CONC, CONC CONC CONC CONC CONC 1 1 CONC' 1095 HASSELL RD 1085 HASSELL RD 1075 HASSELL RD 1065 HASSELL RD 1055 HASSELL RD 1045 HASSELL RD 31 STA. 128+86.76, 17.0' LT CB TO BE REMOVED CB T-A, 4' DIA., T-3 F&G INV = -3.5' (EX. 10" S)INV = -3.85' (EX. 10" E) 32 STA. 128+86.68, 16.6' RT INLET TO BE REMOVED INLET T-A T-3 F&G INV = -2.6' (EX. 10 N) 33 STA. 129+33.13, 30.4' LT SAN MH TO BE ADJUSTED NEW T-1 FRAME, CLOSED LID

HASSELL ROAD



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PROPOSED PLAN

LEGEND

SHEET 6 OF 9 SHEETS STA. 125+00.00 TO STA. 130+00.00

SECTION COUNTY COOK 56 17 22-00112-00-RS CONTRACT NO. 61L23



REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)



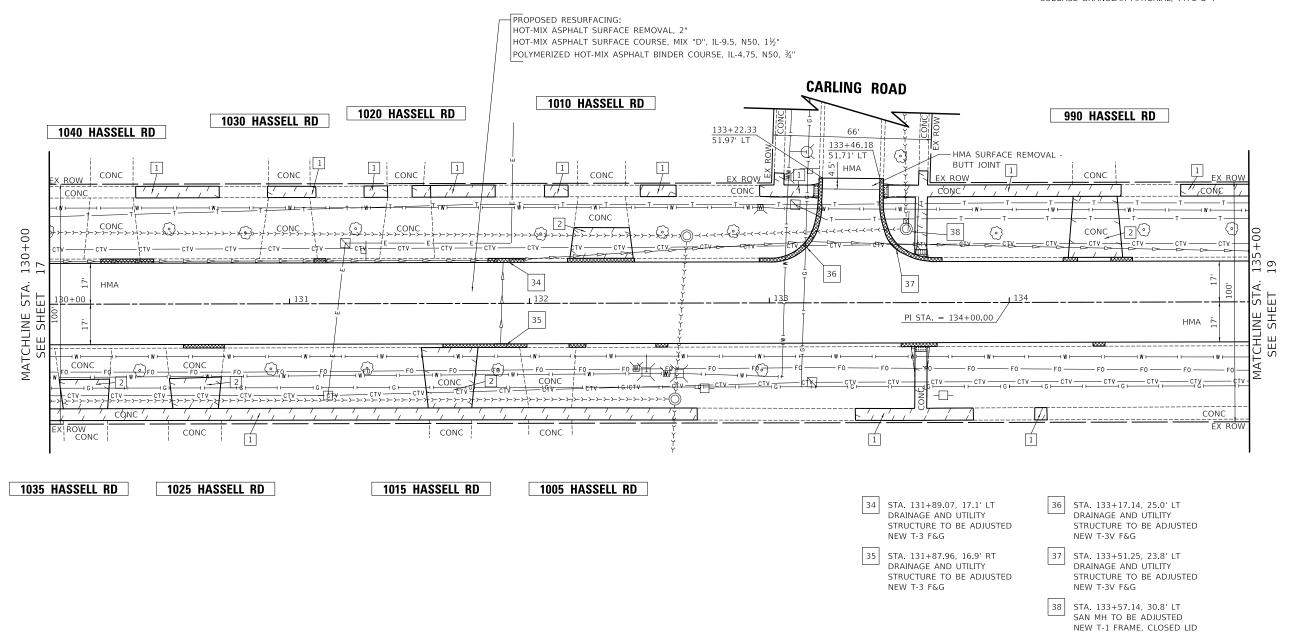
SIDEWALK OR DRIVEWAY REMOVAL



DETECTABLE WARNINGS



- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL) SUBBASE GRANULAR MATERIAL, TYPE B 4"



HASSELL ROAD

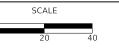


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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**



PROPOSED PLAN SHEET 7 OF 9 SHEETS STA. 130+00.00 TO STA. 135+00.00

SECTION 22-00112-00-RS

COUNTY COOK 56 18 CONTRACT NO. 61L23

1 11000		BY	DATE	
PROFILE	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
	B.M. NOTED			
NO.	STRUCTURE NOTATINS CHIKD			

REMOVE AND REPLACE CURB AND GUTTER (SPECIAL) SIDEWALK OR DRIVEWAY REMOVAL DETECTABLE WARNINGS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL) SUBBASE GRANULAR MATERIAL, TYPE B 4" PROPOSED RESURFACING: HOT-MIX ASPHALT SURFACE REMOVAL, 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1½" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4" 980 HASSELL RD 970 HASSELL RD 930 HASSELL RD 920 HASSELL RD CONC EX ROW (e) (·) ____стv -39 CONC 870 W LAKESIDE PLZ 1960 N LAKESIDE PLZ 1970 N LAKESIDE PLZ

> 39 STA. 136+48.42, 16.9' LT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G

LEGEND

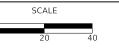
40 STA. 136+42.31, 16.7' RT
DRAINAGE AND UTILITY
STRUCTURE TO BE ADJUSTED
NEW T-3 F&G

HASSELL ROAD



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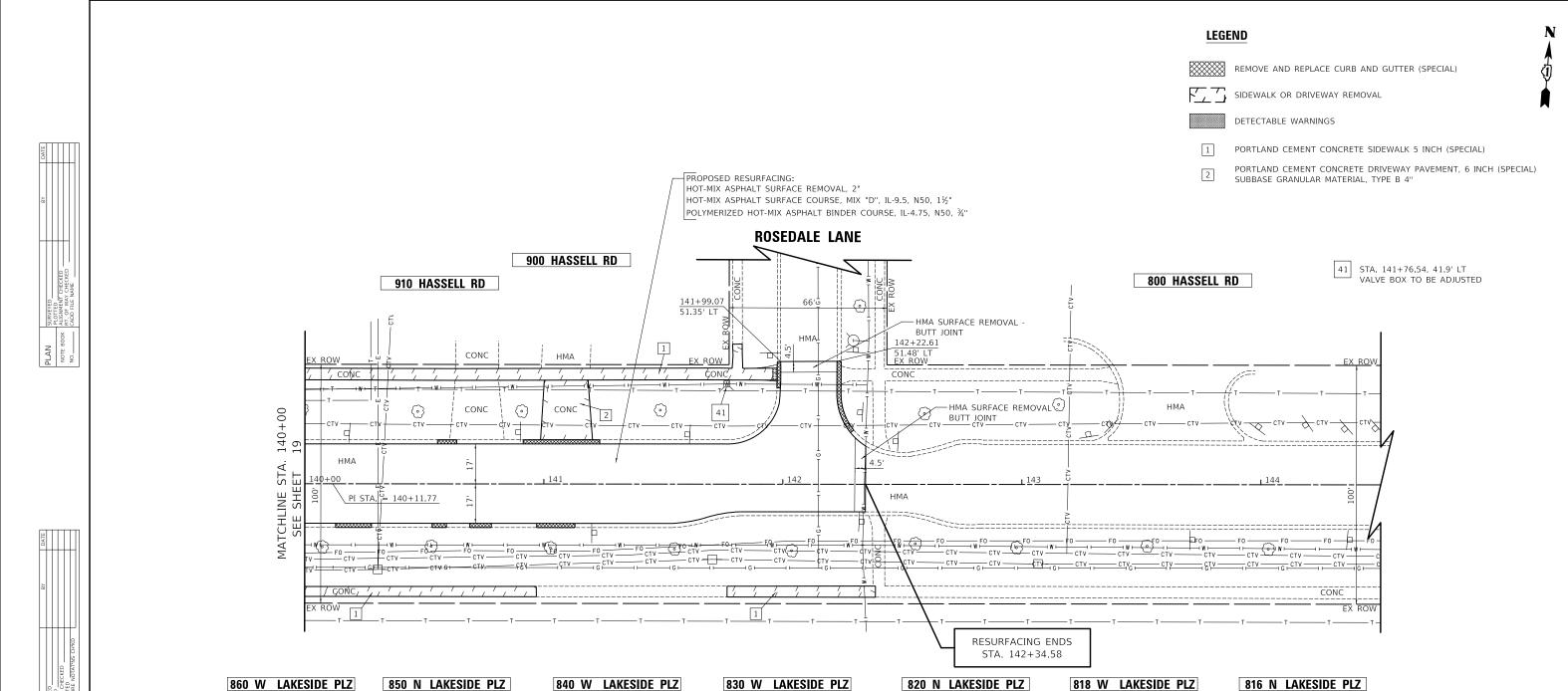
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**



PROPOSED PLAN

SHEET 8 OF 9 SHEETS STA. 135+00.00 TO STA. 140+00.00

SECTION COUNTY COOK 56 19 22-00112-00-RS CONTRACT NO. 61L23



HASSELL ROAD



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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION





SECTION 22-00112-00-RS

COOK 56 20 CONTRACT NO. 61L23

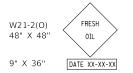
MAINTENANCE OF TRAFFIC GENERAL NOTES

- TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL CONSTRUCTION WARNING SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
- ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND UNLESS OTHERWISE NOTED A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
- DRUMS WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE BARRICADES SHALL BE NON-METALLIC DRUMS SPACING SHALL BE AS SHOWN ON THE HIGHWAY STANDARDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
- DRUMS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR LAW ENFORCEMENT AGENCIES. BARRICADES SHALL BE PLACED AT 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS IN CURVES AND RADII,
- 7. TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
- EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY THIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS.
- EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS/HER WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- 11. W21-1(O) "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.
- "FRESH OIL" SIGNS (W21-2(O)-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO TACKING. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM BEING USED AT THE TIME THE SIGNS ARE REQUIRED.
- 13. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS

SIDEWALK MAINTENANCE NOTE

- 1. THE SIDEWALK ON ONE SIDE OF THE STREET MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. CONSTRUCTION STAGING SHALL BE COORDINATED WITH THE ENGINEER AND CONTRACTOR TO ENSURE ONE SIDE REMAINS OPEN. SIGNING DIRECTING PEDESTRIANS TO THE OPEN SIDEWALK SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701801. THE WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701801"
- 2. REPLACEMENT OF THE CURB AND GUTTER, ADA RAMP, AND SIDEWALK SHALL ONLY BE ALLOWED AT ONE CORNER OF AN INTERSECTION AT A TIME, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

CONSTRUCTION SIGNS





COUNTY

COOK

CONTRACT NO. 61L23

56 21

BLACK 6" LETTERS ON ORANGE RETROREFLECTIVE BACKGROUND

> THESE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. W21-2(O) SHALL BE PLACED 48 HOURS PRIOR TO TACKING. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

CONSTRUCTION REQUIREMENTS

1 DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROPOFFS GREATER THAN OR EQUAL TO 12" AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE SHALL BE BACKFILLED IN ACCORDANCE WITH TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT

CONSTRUCTION SEQUENCE

THIS CONSTRUCTION SEQUENCE WAS DEVELOPED TO MINIMIZE IMPACTS TO PROPERTY OWNERS AND TO PROVIDE AN ADEQUATE METHOD OF INSPECTING THE CONDITION OF THE PAVEMENT BASE AND CURB AND GUTTER. THIS CONSTRUCTION SEQUENCE SHALL BE FOLLOWED UNLESS AN ALTERNATE SEQUENCE IS APPROVED BY THE ENGINEER

- SET UP APPLICABLE TRAFFIC CONTROL MEASURES USING IDOT HIGHWAY STANDARDS AND DISTRICT ONE DETAILS PROVIDED IN THE PLANS. DAILY LANE CLOSURES SHALL BE USED FOR ALL WORK DEPICTED IN THESE PLANS. PERMANENT LANE CLOSURES SHALL NOT BE ALLOWED UNLESS SHOWN ON THE PLANS OR OTHERWISE APPROVED BY THE ENGINEER.
- 2. SET UP TREE PROTECTION AND EROSION AND SEDIMENT CONTROL MEASURES.
- REMOVE AND REPLACE CURB AND GUTTER AND ADJUST UTILITY STRUCTURES AS DETERMINED BY THE ENGINEER.
- REMOVE AND INSTALL SIDEWALK AND DETECTABLE WARNINGS.
- REMOVE AND INSTALL DRIVEWAYS.
- LANDSCAPE RESTORATION.
- 7 REMOVE HMA PAVEMENT SURFACE
- THE ENGINEER SHALL INSPECT THE CONDITION OF THE PAVEMENT AND MARK THE AREAS REQUIRING PAVEMENT PATCHING. UNDER NO CONDITION SHALL THE CONTRACTOR PROCEED WITH THIS WORK WITHOUT PRIOR CONSENT FROM THE ENGINEER. PERFORM PAVEMENT PATCHING.
- 9. INSTALL BINDER AND HMA SURFACE.
- 10. INSTALL PERMANENT PAVEMENT MARKINGS AND SIGNING.
- 11. REMOVE EROSION CONTROL AND TRAFFIC CONTROL

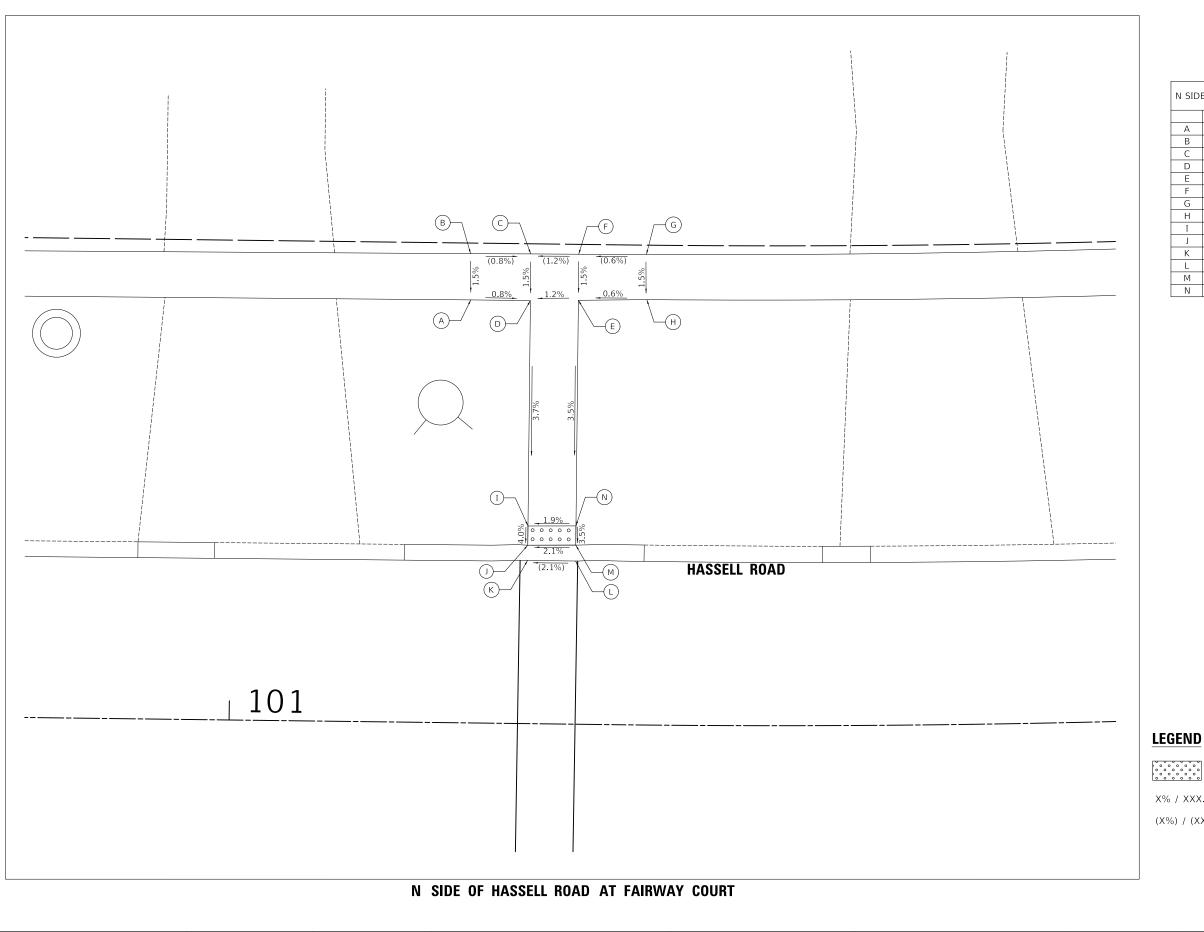
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION MAINTENANCE OF TRAFFIC GENERAL NOTES 22-00112-00-RS SHEET 1 OF 1 SHEETS





N SIDI	N SIDE OF HASSELL ROAD AT FAIRWAY COURT						
	STATION OFFSET ELEVATION						
Α	101+24.65	44.08'LT	807.13				
В	101+24.57	48.89'LT	(807.20)				
С	101+30.83	48.95'LT	(807.15)				
D	101+30.86	44.09'LT	807.08				
E	101+35.86	44.17'LT	807.14				
F	101+35.83	48.97'LT	(807.21)				
G	101+42.99	49.03'LT	(807.25)				
Н	101+43.08	44.32 LT	807.18				
I	101+30.89	20.59'LT	806.22				
J	101+30.89	18.59'LT	806.14				
K	101+30.89	17.01 LT	(806.15)				
L	101+35.89	17.00'LT	(806.25)				
М	101+35.89	18.66'LT	806.24				
N	101+35.89	20.66'LT	806.31				

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION



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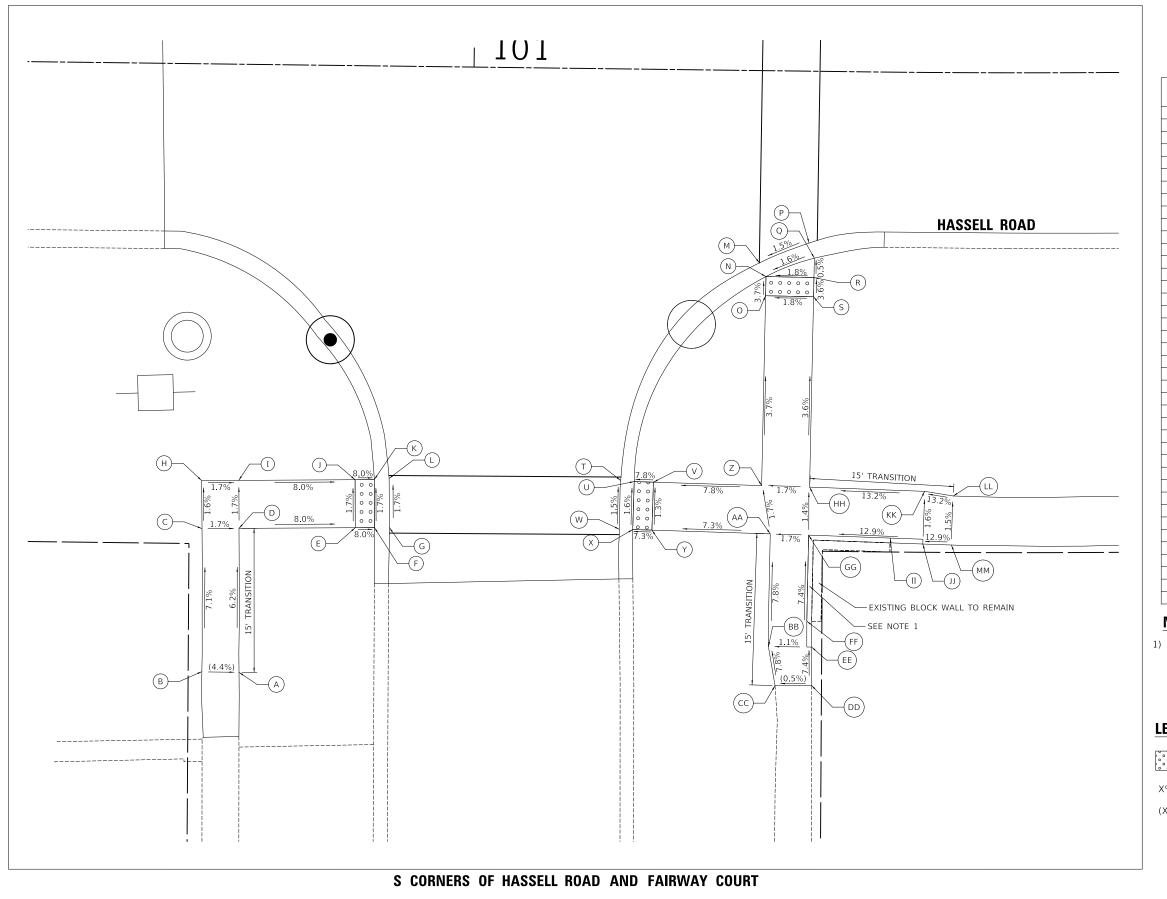
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ADA GRADING PLAN SHEET 1 OF 19 SHEETS

SECTION 22-00112-00-RS COOK 56 22 CONTRACT NO. 61L23





S COI	RNERS OF HAS	2001(1		TOP OF CURB ELEVATION
	STATION	OFFSET	ELEVATION	
Α	100+76.28	63.36' RT	(807.56)	
В	100+72.41	63.34' RT	(807.73)	
С	100+72.24	48.43' RT	806.69	
D	100+76.09	48.36' RT	806.62	
Е	100+88.20	48.14' RT	805.65	
F	100+90.21	48.11' RT	805.50	
G	100+91.77	48.09' RT	805.51	
Н	100+72.14	43.43' RT	806.61	
I	100+76.00	43.36' RT	806.54	
J	100+88.13	43.14' RT	805.57	
K	100+90.13	43.11' RT	805.41	
L	100+91.67	42.96' RT	805.42	
М	101+29.98	20.04' RT	805.78	
N	101+30.68	21.45' RT	805.77	
0	101+30.66	23.45' RT	805.85	
Р	101+35.13	17.91'RT	805.87	
Q	101+35.70	19.48' RT	805.86	
R	101+35.68	21.50' RT	805.87	
S	101+35.66	23.50' RT	805.94	
Т	101+15.81	42.89' RT	805.54	
U	101+17.21	42.98' RT	805.53	
V	101+19.21	43.02' RT	805.69	
W	101+15.72	47.97' RT	(805.62)	
Χ	101+17.12	47.98' RT	805.61	
Υ	101+19.12	48.02' RT	805.75	
Z	101+30.49	43.24' RT	806.57	
АА	101+31.45	48.26' RT	806.66	
ВВ	101+31.41	60.02' RT	807.58	
CC	101+32.15	64.06' RT	(807.90)	
DD	101+35.95	64.00' RT	(807.92)	
EE	101+35.91	60.00' RT	807.62	807.62
FF	101+35.37	57.31'RT	807.39	807.58
GG	101+35.45	48.34' RT	806.72	807.48
НН	101+35.49	43.33' RT	806.65	
II	101+43.83	48.55' RT	807.82	808.09
JJ	101+47.13	48.64' RT	808.33	808.33
KK	101+47.26	43.65' RT	808.24	
LL	101+50.16	44.12' RT	808.64	
MM	101+50.00	49.22' RT	(808.71)	

NOTE

1) BACKFILL THE AREA BETWEEN THE BACK OF SIDE CURB AND THE FACE OF THE WALL (AFTER REMOVING FORMS) IN A MANNER MEETING THE APPROVAL OF THE ENGINEER. THE BACKFILL AND SIDE CURB SHALL BE PAID FOR AS "PCC SIDEWALK 5 INCH".

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

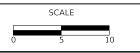
(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION



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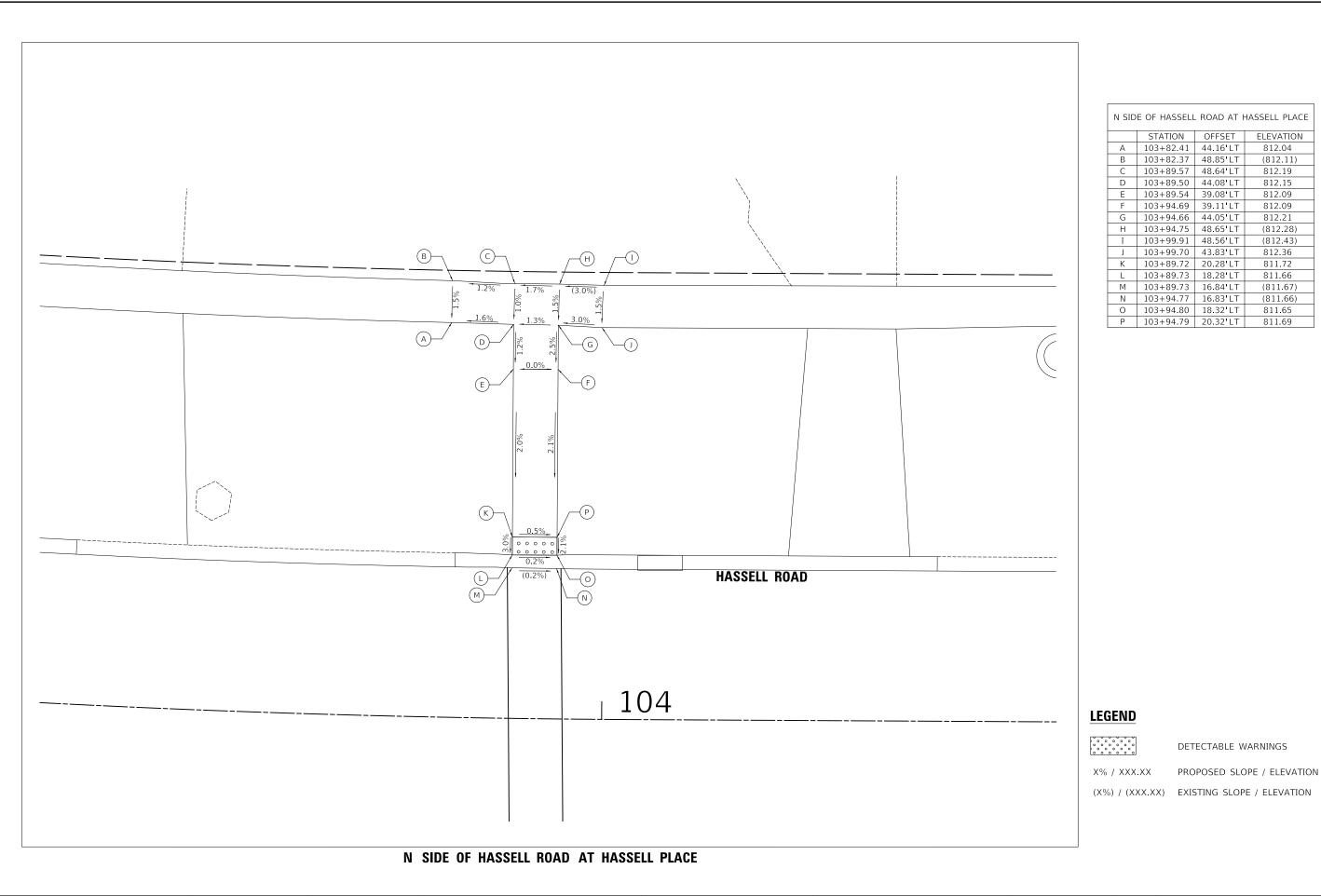
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**



ADA GRADING PLAN SHEET 2 OF 19 SHEETS

SECTION 22-00112-00-RS COOK 56 23 CONTRACT NO. 61L23



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SCALE

ADA GRADING PLAN SHEET 3 OF 19 SHEETS

SECTION 22-00112-00-RS COOK 56 24 CONTRACT NO. 61L23

812.04

812.19

812.15

812.09

812.21

(812.28)

(812.43)

812.36

811.72

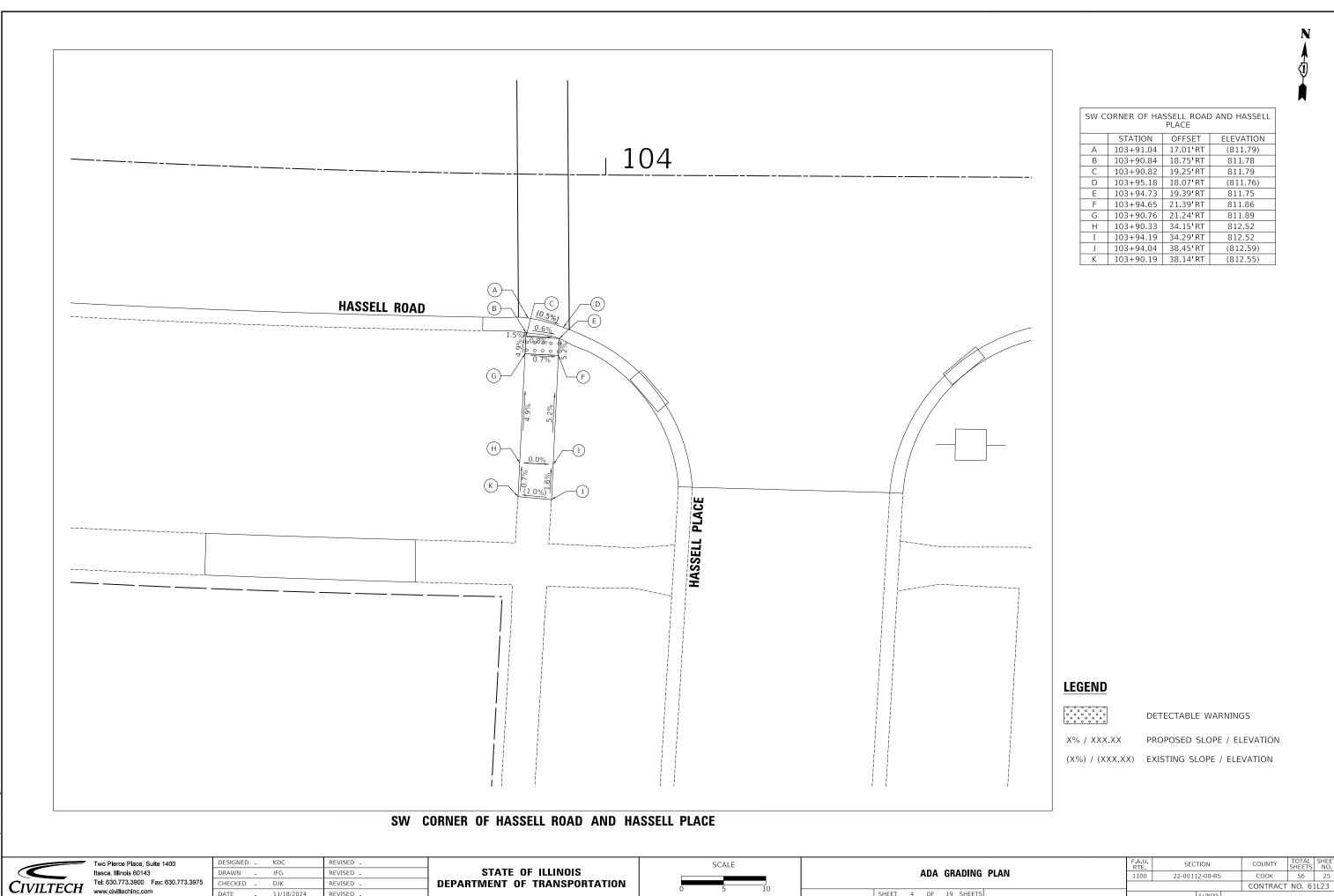
811.66

(811.67)

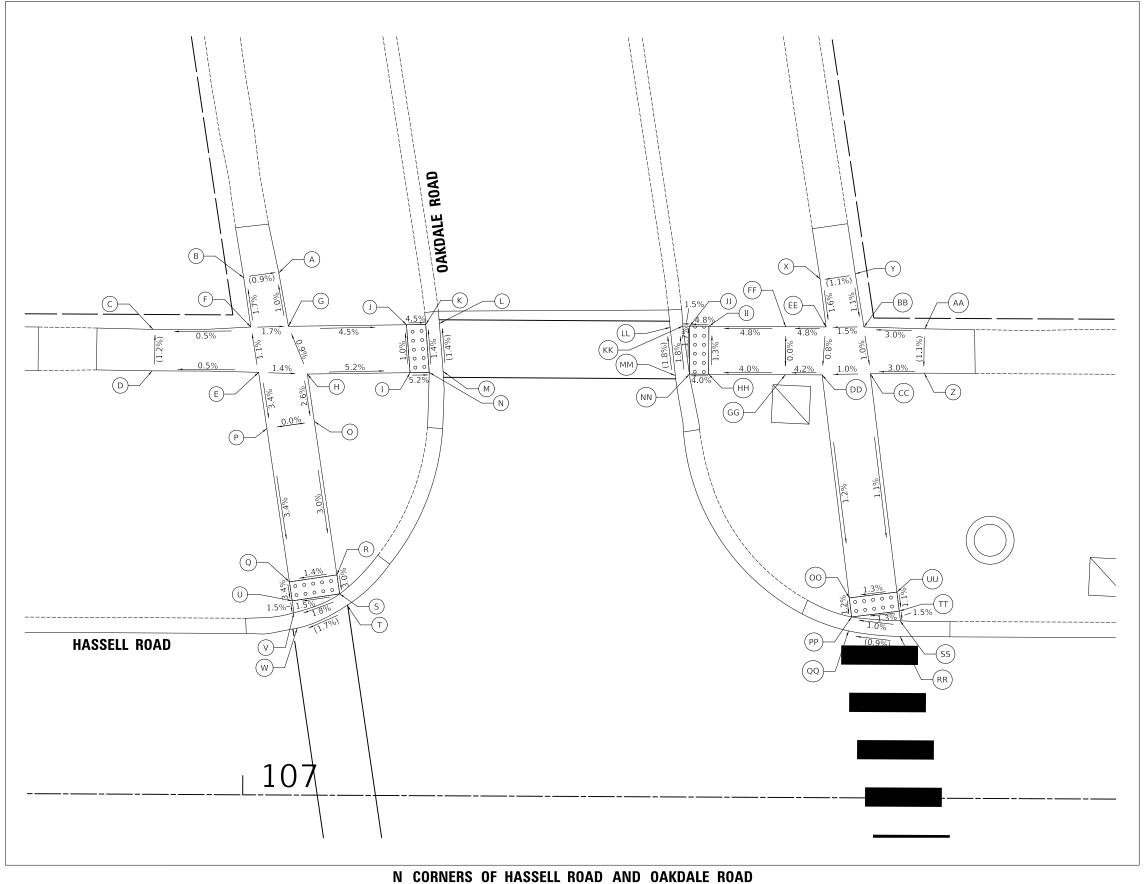
(811.66)

811.65

811.69



SHEET 4 OF 19 SHEETS



N CORNERS OF HASSELL ROAD AND OAKDALE ROAD			
	STATION	OFFSET	ELEVATION
Α	107+03.50	54.41 LT	(815.60)
В	106+99.82	53.87'LT	(815.63)
С	106+90.40	48.44'LT	(815.66)
D	106+90.32	44.12 LT	(815.71)
E	107+01.44	44.03 LT	815.77
F	107+00.61	48.75'LT	815.72
G	107+04.53	48.84'LT	815.65
Н	107+06.52	43.87'LT	815.70
I	107+17.22	44.07'LT	815.14
J	107+16.83	49.06'LT	815.08
K	107+18.83	49.10 LT	815.00
L	107+20.26	49.22 LT	(815.01)
М	107+20.67	44.22 LT	(815.05)
N	107+19.22	44.11 LT	815.04
0	107+13.22	38.93 LT	815.57
P	107+02.33	38.18'LT	815.57
Q	107+04.76	22.21'LT	815.03
R	107+04.76	22.21 LT	815.10
S	107+09.71	20.99 LT	815.04
T	107+10.01	19.80 LT	(815.05)
U	107+10.79	20.24'LT	814.96
V			
W	107+05.25	18.99 LT 17.39 LT	814.94
	107+05.59		(814.95)
X	107+59.90	54.06'LT	(815.69)
Y	107+63.56	54.60'LT	(815.73)
Z	107+70.80	44.29'LT	(815.81)
AA	107+70.83	48.90'LT	(815.86)
BB	107+64.49	49.06'LT	815.67
CC	107+65.18	44.19 LT	815.62
DD	107+60.16	44.05 LT	815.57
EE	107+60.55	49.05'LT	815.61
FF	107+56.33	49.05'LT	815.41
GG	107+56.33	44.05'LT	815.41
HH	107+48.33	44.06'LT	815.09
II	107+48.34	49.06'LT	815.03
JJ	107+46.34	49.07'LT	814.93
KK	107+45.62	49.07'LT	814.92
LL	107+44.30	48.92'LT	(814.93)
MM	107+44.87	43.90'LT	(815.02)
NN	107+46.33	44.07'LT	815.01
00	107+63.11	20.83 LT	815.30
PP	107+63.36	18.84 LT	815.27
QQ	107+63.05	17.39'LT	(815.28)
RR	107+68.42	16.83 LT	(815.33)
SS	107+68.45	18.47'LT	815.32
TT	107+68.32	19.47 LT	815.34
UU	107+68.07	21.46'LT	815.36

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

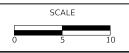
PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

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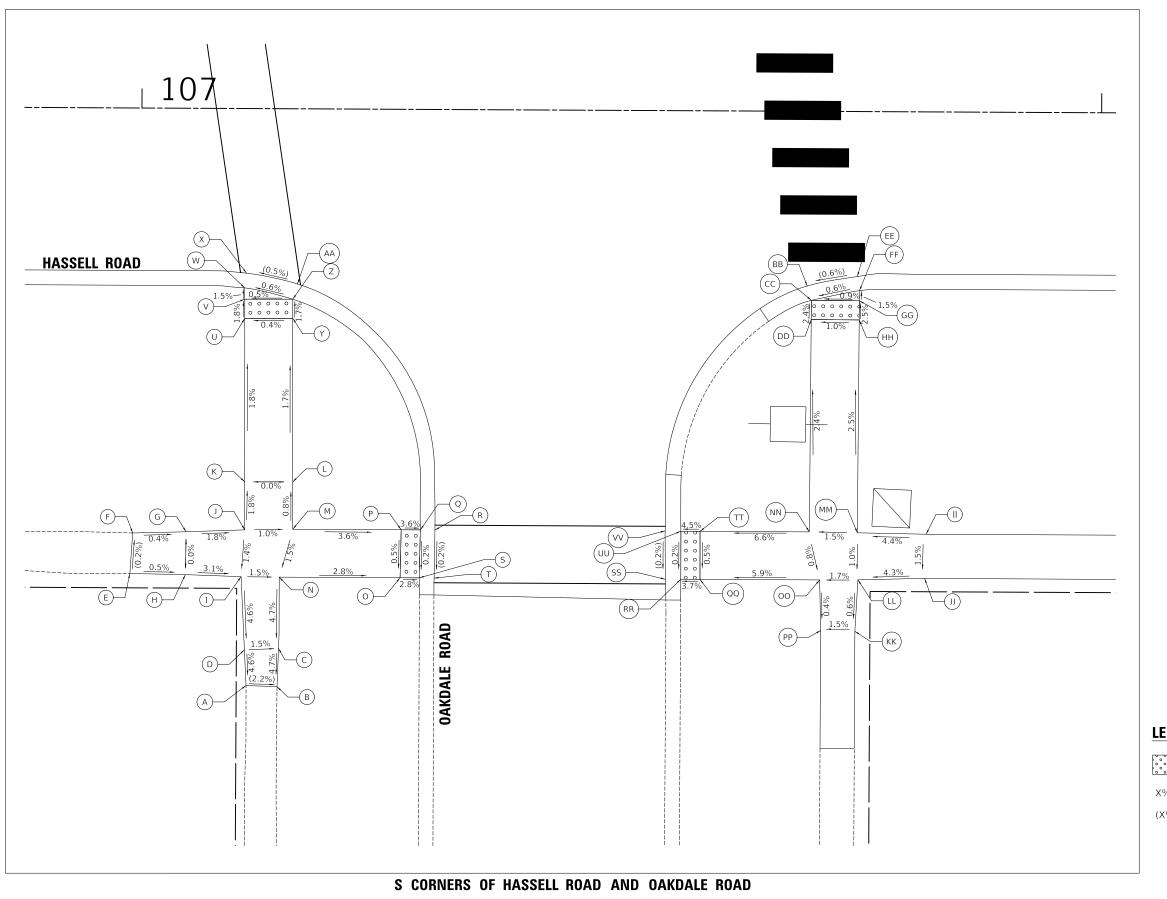
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		ADA	GR	ADING	PLAN	
SHEET	5	OF	19	SHEETS		

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEET
1100	22-00112-00-RS	соок	56
		CONTRACT	NO. 6



OFFSET 60.12 RT (814.88) 60.22' RT 107+14.50 | 56.23 RT 815.00 107+10.95 815.05 (815.61)106+99.00 | 48.51'RT 106+99.27 44.28 RT 107+04.82 44.13 RT 815.58 107 + 04.7648.60 RT 815.58 815.40 107+10.93 815.47 107+10.90 38.90'RT 815.38 38.88' RT 815.38 107 + 15.90107 + 15.93815.42 107+14.54 48.81 RT 815.34 O 107+27.14 48.81'RT 814.99 43.81'RT 815.01 107 + 27.22814.94 (814.95) 107+30.74 | 43.83 RT 107+30.68 48.84 RT (814.94)815.07 107 + 10.82815.04 107 + 10.8119.87 RT 107+10.80 815.03 107+10.98 | 17.16'RT (815.04) 107+15.82 21.84'RT 815.09 815.06 107+16.29 (815.07) 107+69.41 18.20'RT (815.16)CC 107+69.85 815.15 107+69.84 815.19 107+74.63 17.19 RT (815.19) 107+74 85 815.19 107+74.84 815.24 107+81.93 44.01 RT 816.12 (816.05) 107+74.55 54.16'RT (815.72) LL 107+74.84 48.79 RT 815.75 107 + 74.76107+69.76 43.82 RT 815.73 OO | 107+70.85 | 48.82'RT 815.69 PP 107+70.99 54.10 RT 815.67 814.94 107+56.38 48.82 RT 814.88 SS 107+54.78 48.84 RT (814.89) TT 107+58.37 43.82 RT 814.98 107+56.37 43.82 RT 814.89 VV 107+54.73 43.79'RT (814.90)

S CORNERS OF HASSELL ROAD AND OAKDALE ROAD

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

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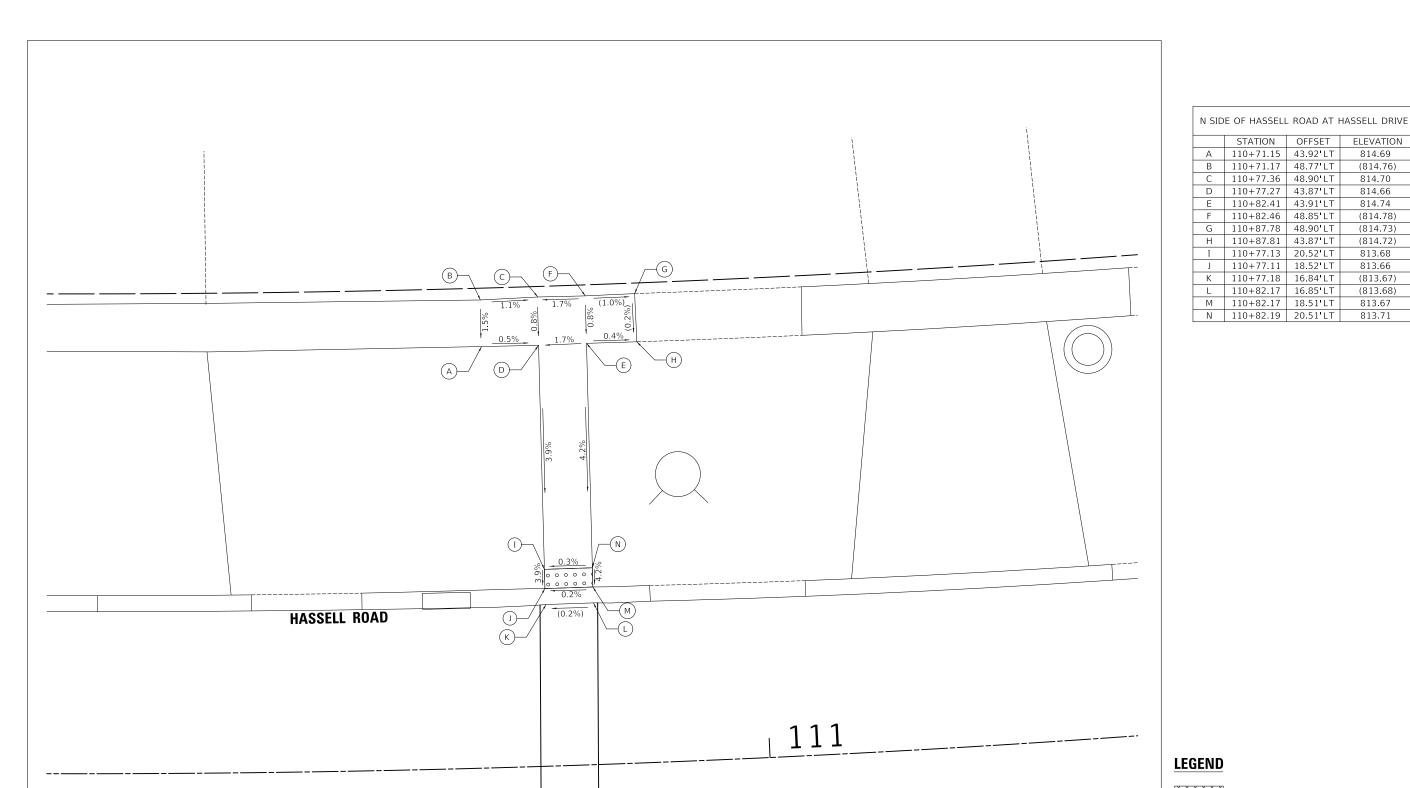
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		ADA	GR.	ADING	PLAN
SHEET	6	OF	19	SHEETS	

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DETECTABLE WARNINGS

PROPOSED SLOPE / ELEVATION X% / XXX.XX

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

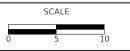
N SIDE OF HASSELL ROAD AT HASSELL DRIVE



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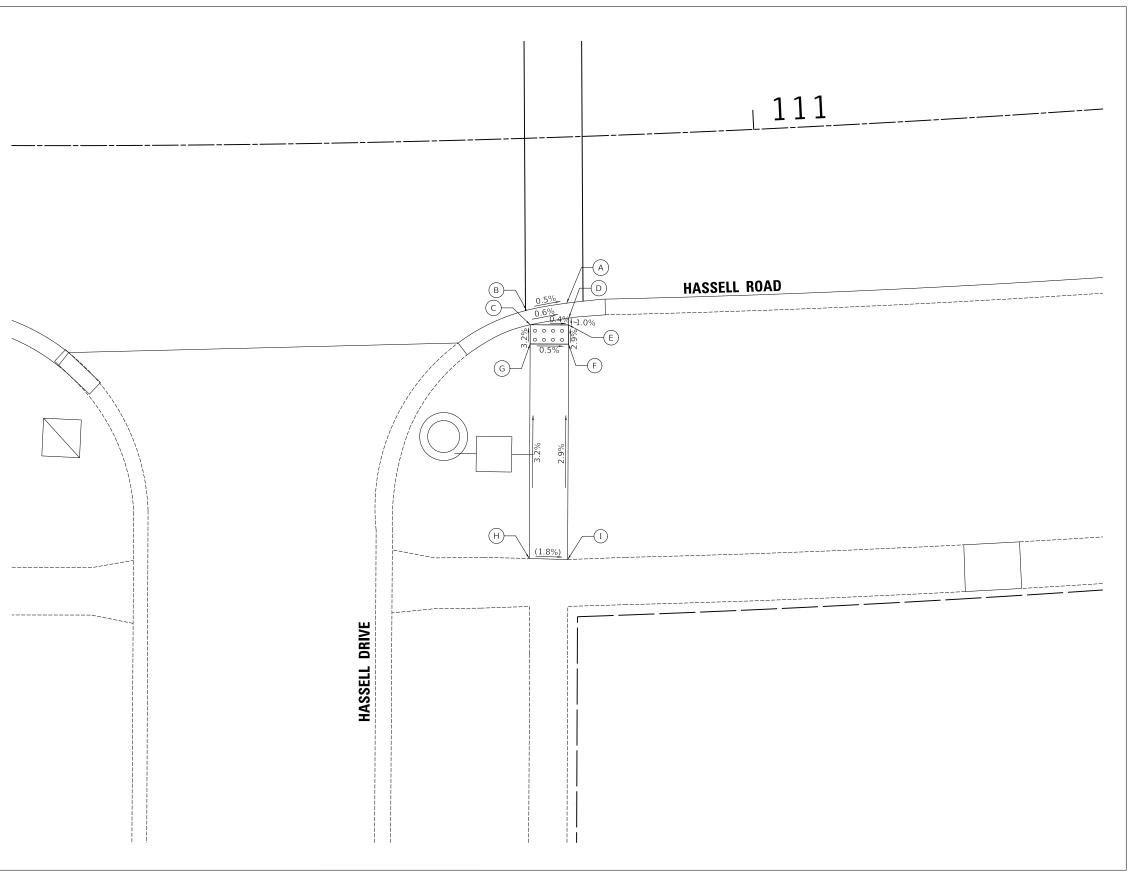


ADA GRADING PLAN SHEET 7 OF 19 SHEETS

SECTION 22-00112-00-RS

COOK 56 28 CONTRACT NO. 61L23





SE CORNER OF HASSELL ROAD AND HASSELL DRIVE STATION OFFSET ELEVATION 110+79.91 17.31'RT (813.70) B 110+75.76 17.92'RT 110+76.09 19.44 RT 813.71 110+80.07 813.70 110+80.04 | 19.58'RT 110+79.96 21.58 RT G 110+76.02 21.43 RT 813.77 H 110+75.25 43.77'RT I 110+79.13 44.01'RT (814.48) (814.41)

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

SE CORNER OF HASSELL ROAD AND HASSELL DRIVE



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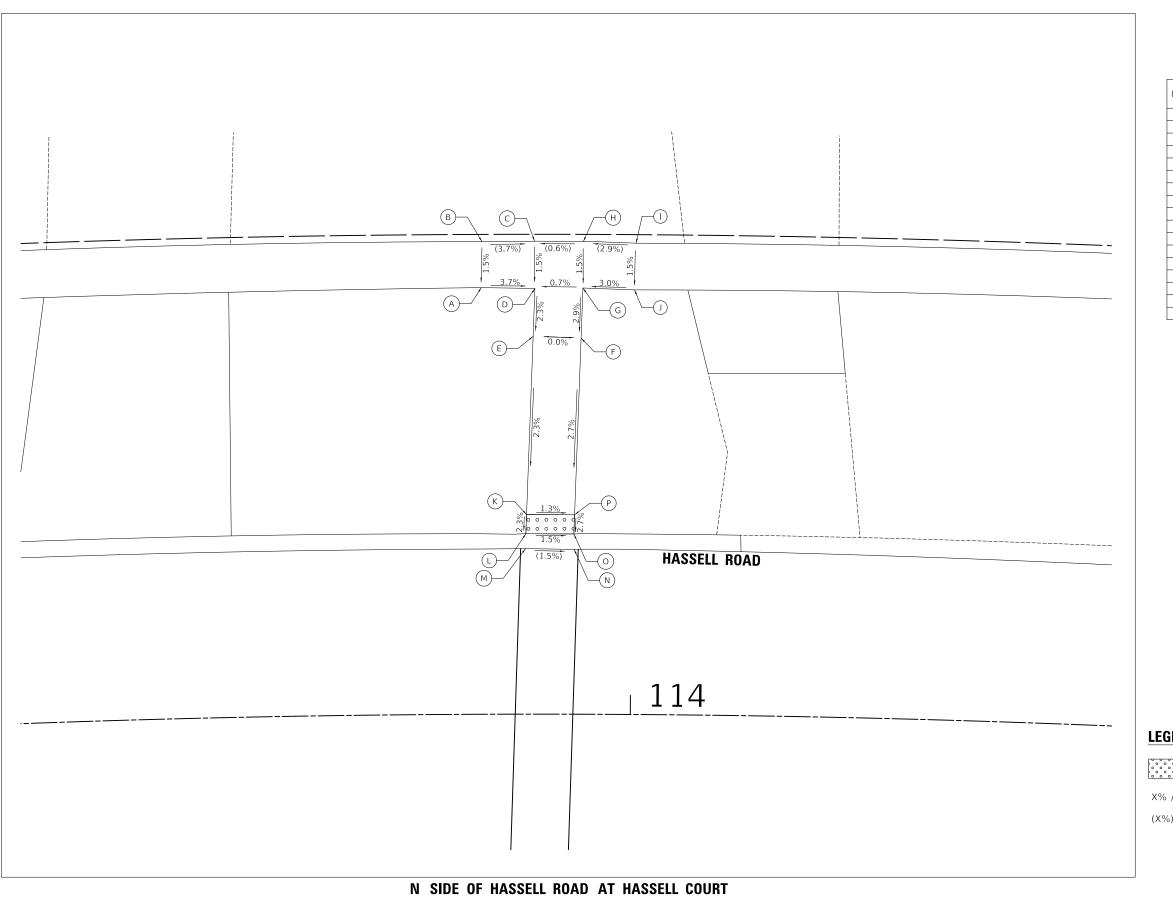
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ADA GRADING PLAN SHEET 8 OF 19 SHEETS

F.A.U. RTE	SEC	TION	COUNTY	T(SH
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			CONTRACT	N





N SIDE OF HASSELL ROAD AT HASSELL COURT				
	STATION	OFFSET	ELEVATION	
Α	113+84.65	44.46'LT	811.29	
В	113+84.73	49.25'LT	(811.36)	
С	113+90.03	49.28'LT	(811.16)	
D	113+90.07	44.36'LT	811.08	
E	113+89.89	39.36'LT	810.97	
F	113+94.75	39.18'LT	810.97	
G	113+94.92	44.41'LT	811.12	
Н	113+94.95	49.25'LT	(811.19)	
I	114+00.26	49.11'LT	(811.35)	
J	114+00.14	44.24'LT	811.28	
K	113+89.21	20.80'LT	810.53	
L	113+89.13	18.80'LT	810.49	
М	113+89.10	17.25'LT	(810.50)	
N	113+94.10	17.18'LT	(810.42)	
0	113+94.08	18.78'LT	810.41	
Р	113+94.14	20.78'LT	810.47	

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION



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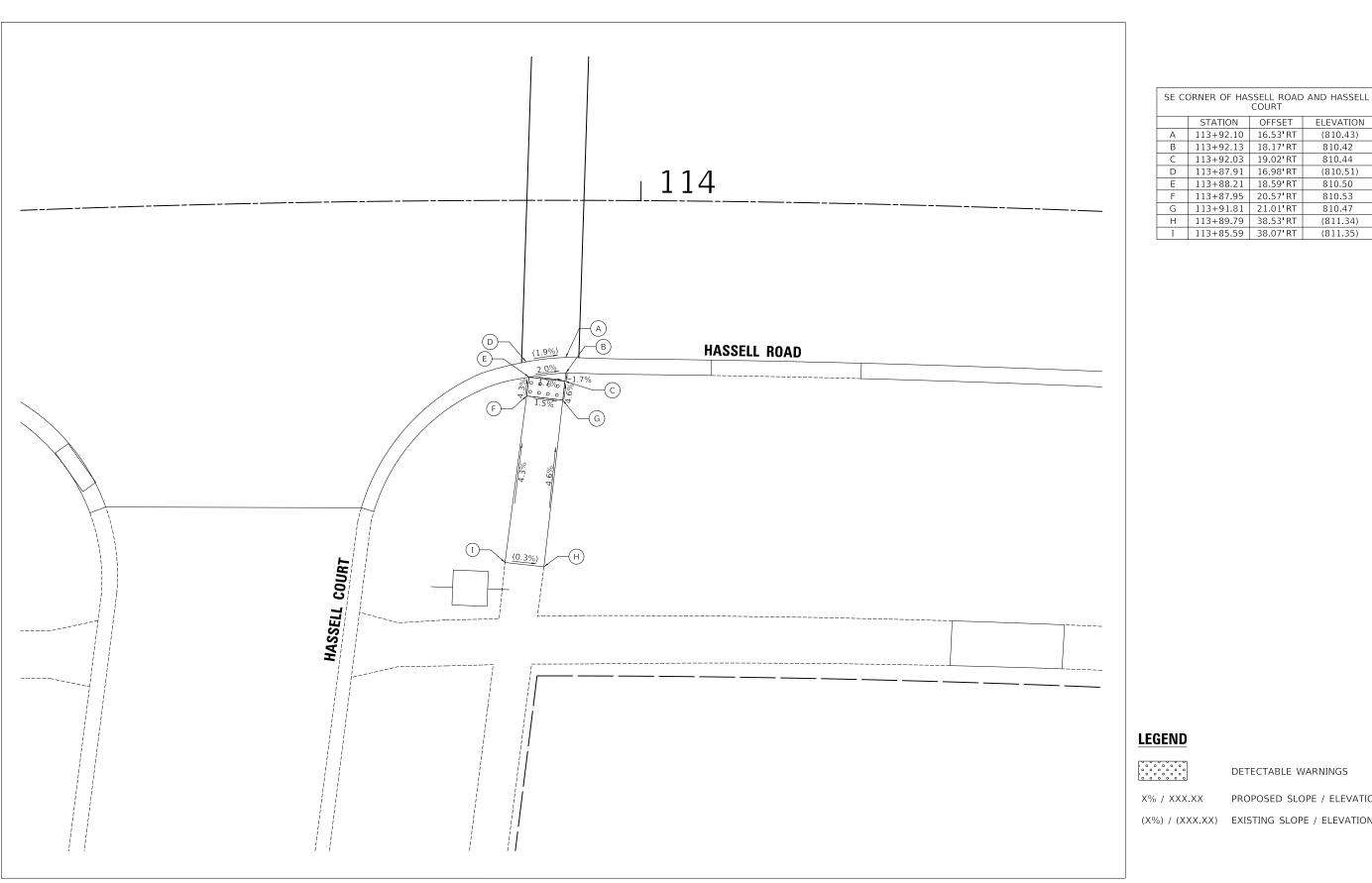
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DEPARTMENT OF TRANSPORTATION



ADA GRADING PLAN SHEET 9 OF 19 SHEETS

SECTION 22-00112-00-RS

COOK 56 30 CONTRACT NO. 61L23



DETECTABLE WARNINGS

STATION OFFSET ELEVATION

(810.43)

810.44

(810.51) 810.50

810.47

(811.34) (811.35)

113+92.10 16.53'RT

113+92.03 19.02 RT

113+88.21 18.59'RT 113+87.95 20.57 RT

113+87.91

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

SE CORNER OF HASSELL ROAD AND HASSELL COURT



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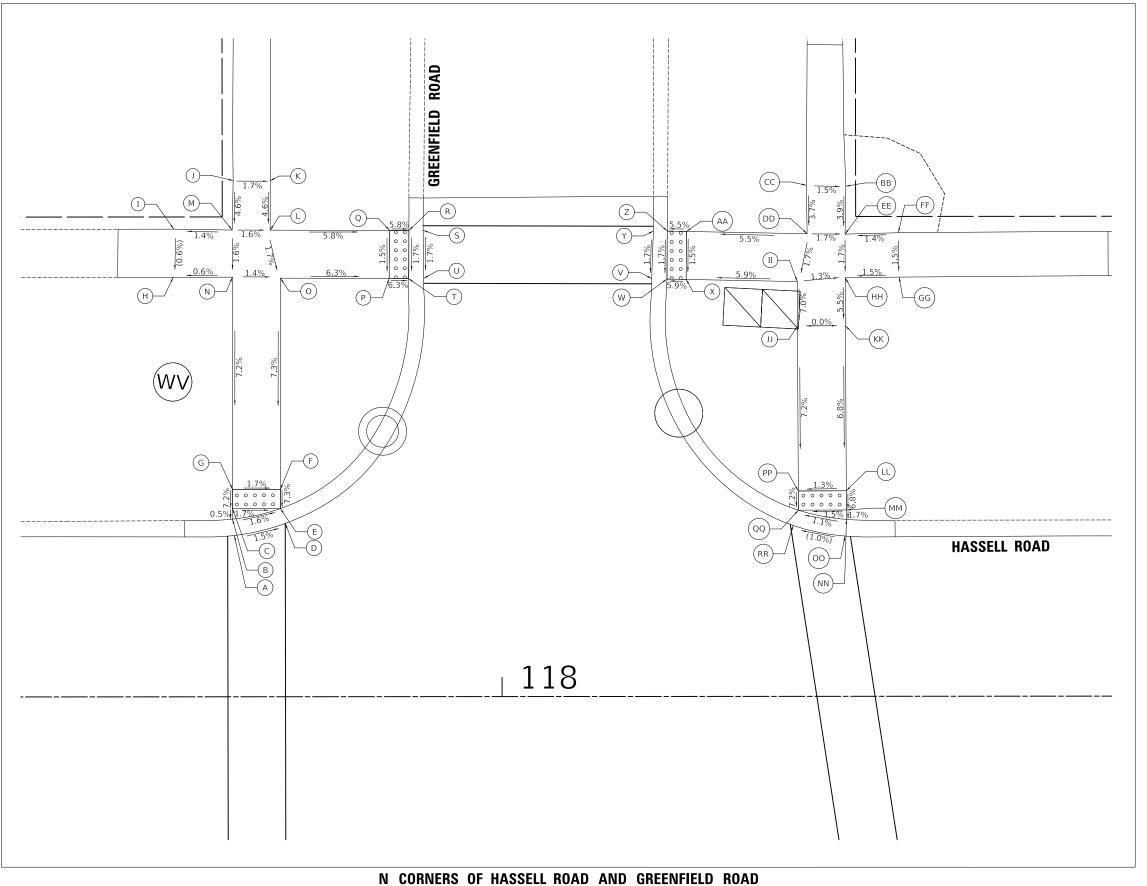




ADA GRADING PLAN SHEET 10 OF 19 SHEETS

F.A.U. RTE	SECTION		COUNTY	SI
1100	22-00112-00-RS		COOK	Г
			CONTRACT	. 1
	ILLINOIS			





GIVELINI ILLD IVOAD				
	STATION	OFFSET	ELEVATION	
Α	117+72.11	16.80 LT	805.18	
В	117+71.92	18.51 LT	805.17	
С	117+71.92	19.61'LT	805.18	
D	117+77.42	18.07'LT	805.10	
Е	117+76.92	19.61'LT	805.09	
F	117+76.92	21.61'LT	805.23	
G	117+71.92	21.61'LT	805.32	
Н	117+65.76	43.71'LT	(806.87)	
I	117+65.82	48.73'LT	(806.90)	
J	117+72.02	53.79'LT	(807.22)	
K	117+75.88	53.78'LT	807.15	
L	117+75.87	48.62'LT	806.92	
M	117+71.91	48.63 LT	806.98	
N	117+71.93	43.73'LT	806.91	
0	117+76.93	43.62 LT	806.84	
P	117+88.26	43.58'LT	806.12	
Q	117+88.32	48.58 LT	806.19	
R	117+90.32	48.57 LT	806.08	
S	117+91.81	48.59 LT	(806.09)	
Ť	117+90.27	43.57'LT	805.99	
Ü	117+91.86	43.58 LT	806.00	
V	118+15.62	43.55 LT	805.66	
W	118+17.21	43.49 LT	805.65	
X	118+19.21	43.45 LT	805.76	
Y	118+15.80	48.49 LT	805.74	
Z	118+17.24	48.49 LT	805.73	
AA	118+19.24	48.44 LT	805.84	
BB	118+35.86	53.15'LT	(806.65)	
CC	118+31.75	53.25'LT	806.71	
DD	118+31.82	48.20 LT	806.52	
EE	118+35.77	48.16 LT	806.45	
FF	118+41.32	48.30 LT	(806.53)	
GG	118+41.40	43.68 LT	806.46	
HH	118+35.79	43.62 LT	806.37	
II	118+30.79	43.22 LT	806.44	
JJ	118+30.81	38.60 LT	806.10	
KK	118+35.81	38.62'LT	806.10	
LL	118+35.88	21.42 LT	804.94	
MM	118+35.89	19.42 LT	804.80	
NN	118+35.89	19.42 LT	804.78	
00	118+35.74	16.70 LT	(804.79)	
PP	118+35.74	21.40 LT	804.79)	
QQ	118+30.88			
RR		19.40'LT	804.73	
KK	118+30.34	17.81'LT	(804.74)	

N CORNERS OF HASSELL ROAD AND GREENFIELD ROAD

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION



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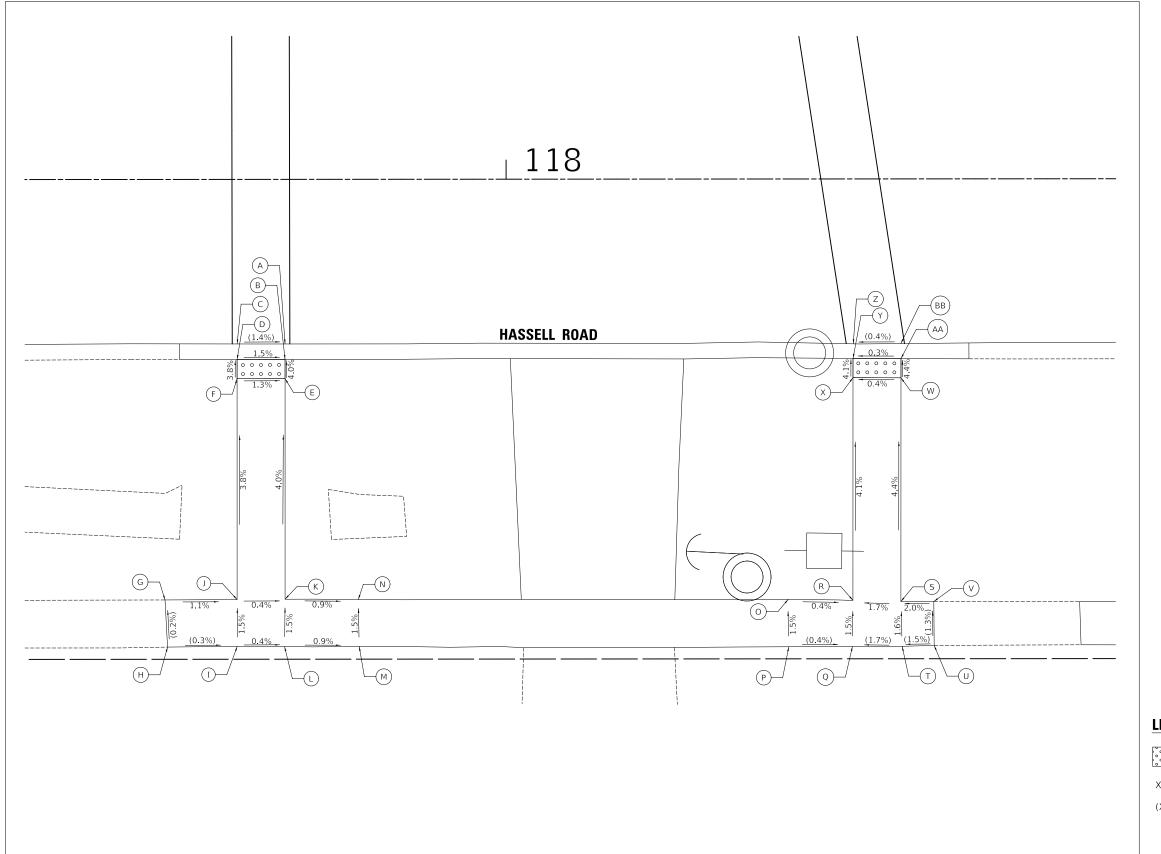




ADA GRADING PLAN SHEET 11 OF 19 SHEETS

F.A.U. RTE	SECTION	I	COUNTY	SH
1100	22-00112-0)-RS	соок	
			CONTRACT	N





S SIDE OF HASSELL ROAD AT GREENFIELD ROAD				
	STATION	OFFSET	ELEVATION	
Α	117+76.95	17.15'RT	(805.19)	
В	117+76.95	18.77' RT	805.18	
С	117+71.95	17.15' RT	(805.26)	
D	117+71.95	18.77' RT	805.25	
E	117+76.95	20.77'RT	805.26	
F	117+71.95	20.77' RT	805.33	
G	117+64.43	43.82' RT	(806.28)	
Н	117+64.69	48.73 RT	(806.29)	
I	117+71.95	48.67 RT	(806.27)	
J	117+71.95	43.78 RT	806.20	
K	117+76.95	43.75' RT	806.18	
L	117+76.88	48.68' RT	806.25	
М	117+84.66	48.67' RT	(806.18)	
N	117+84.57	43.79'RT	806.11	
0	117+29.36	43.80'RT	805.89	
Р	117+29.42	48.74' RT	(805.96)	
Q	117+36.05	48.72' RT	(805.93)	
R	117+36.10	43.92 RT	805.86	
S	118+41.10	44.04 RT	805.94	
Т	118+41.23	48.70' RT	(806.02)	
U	118+44.57	48.61 RT	(806.07)	
V	118+44.53	44.04 RT	(806.01)	
W	118+41.13	20.73 RT	804.93	
Х	118+36.13	20.70'RT	804.91	
Υ	118+36.13	18.70' RT	804.82	
Z	118+36.16	17.18 RT	(804.83)	
AA	118+41.13	18.73' RT	804.84	
BB	118+41.13	17.16'RT	(804.85)	

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

S SIDE OF HASSELL ROAD AT GREENFIELD ROAD



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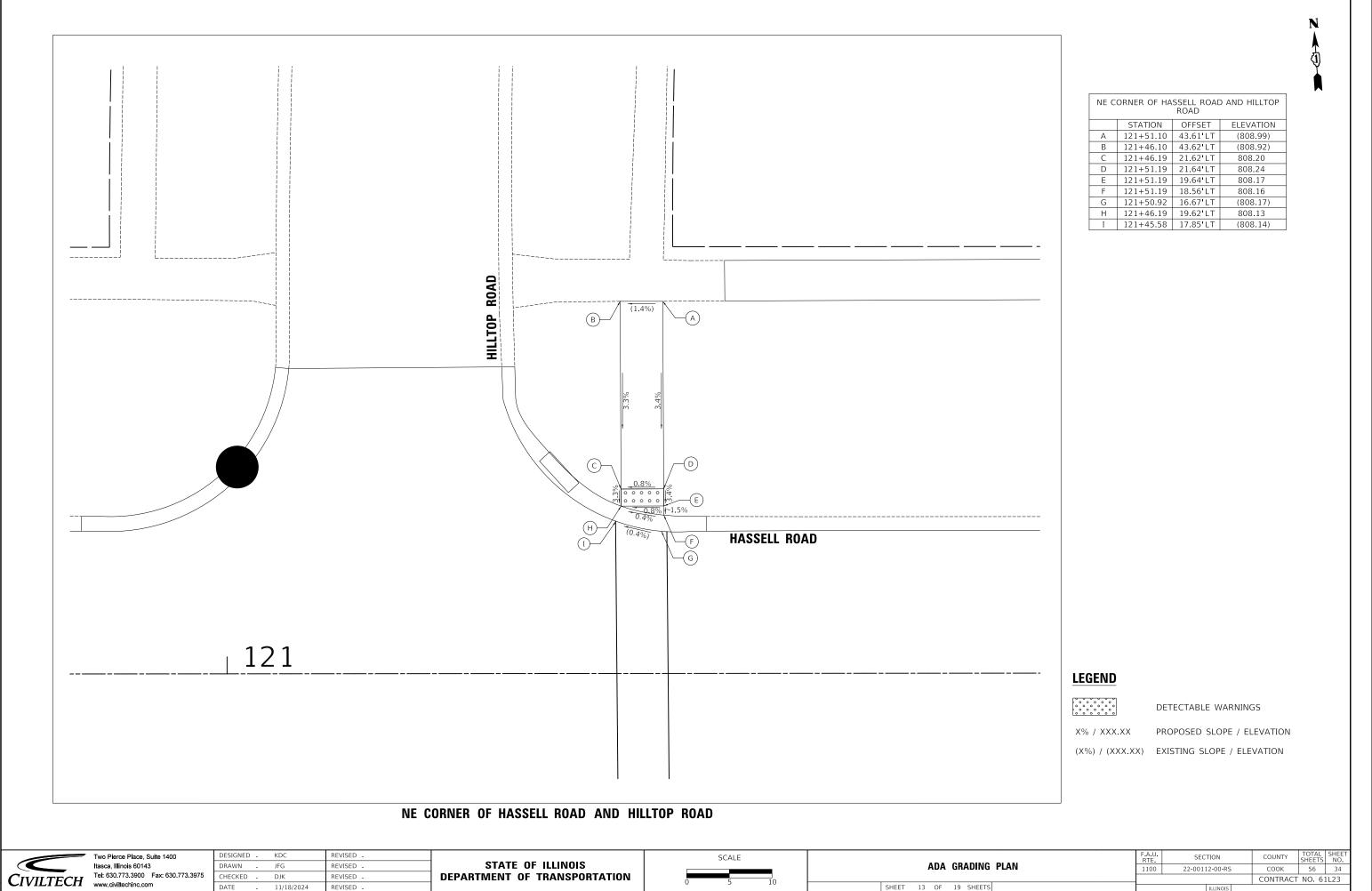




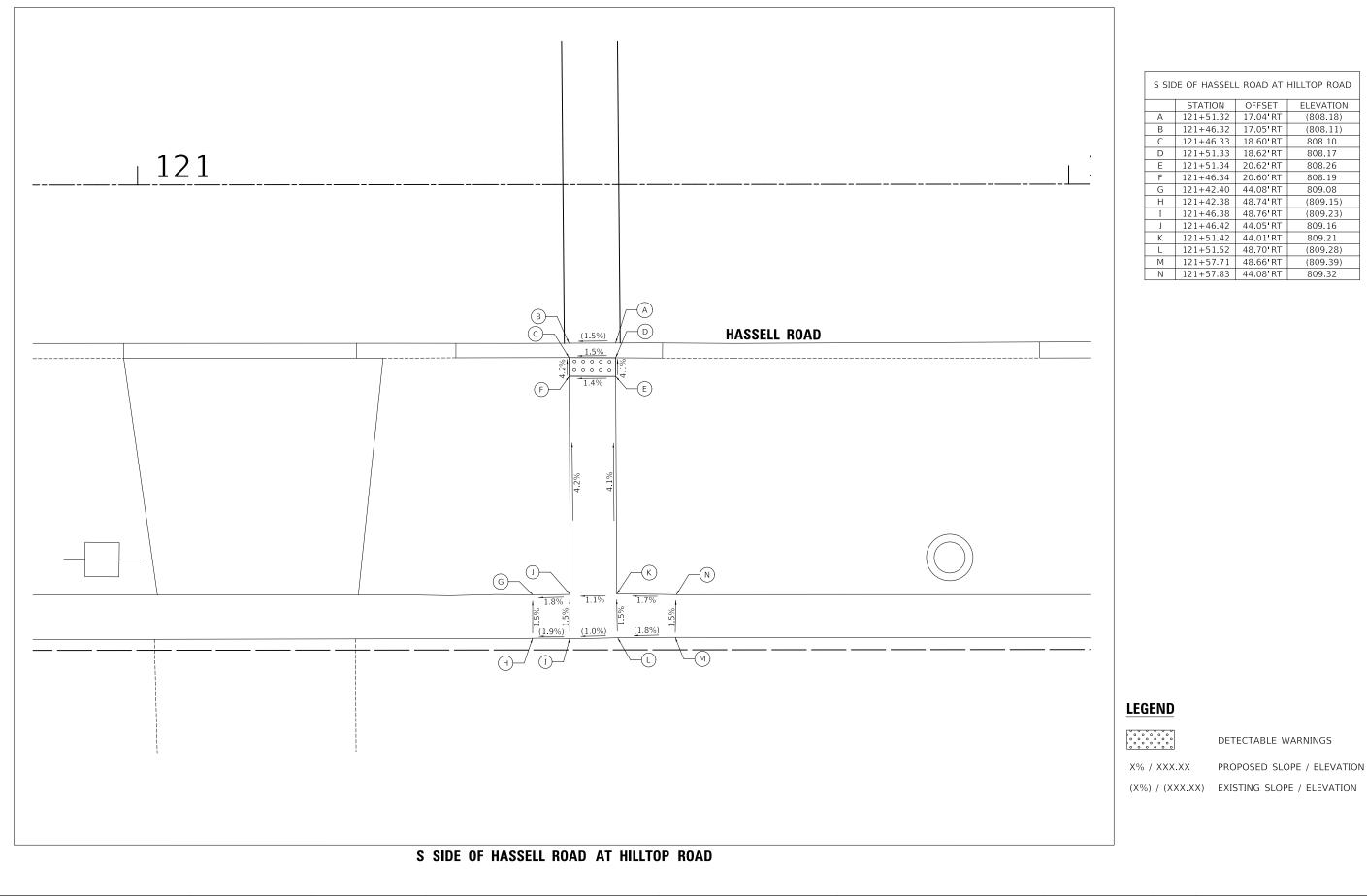
ADA GRADING PLAN SHEET 12 OF 19 SHEETS

F.A.U. RTE	SECTION	COUNTY	TOT
1100	22-00112-00-RS	соок	56
		CONTRACT	NO
	ILLINOIS		

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MODEL: \$MODELNAME\$ FILE NAME: ...\12-Grading Plan



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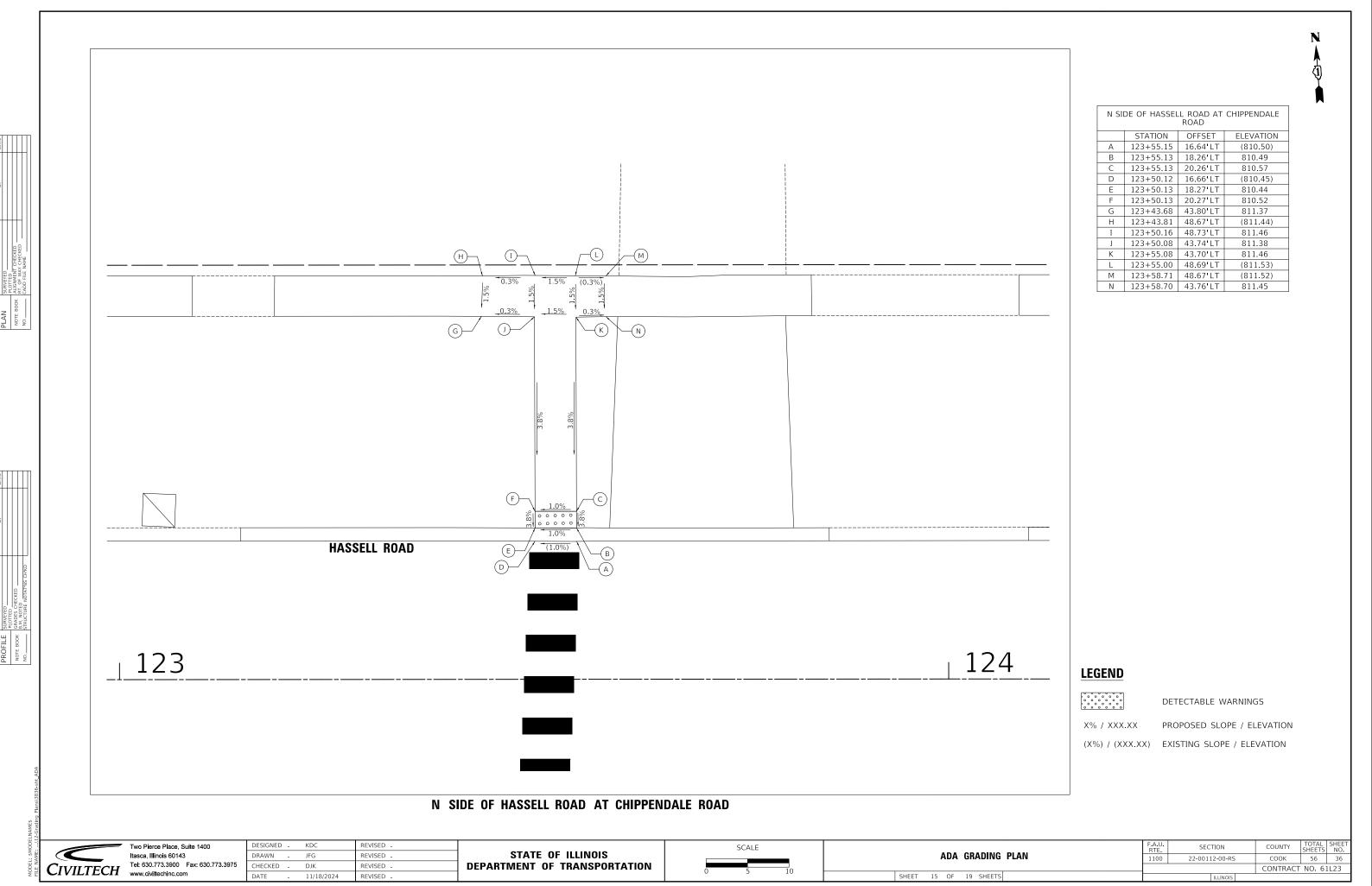
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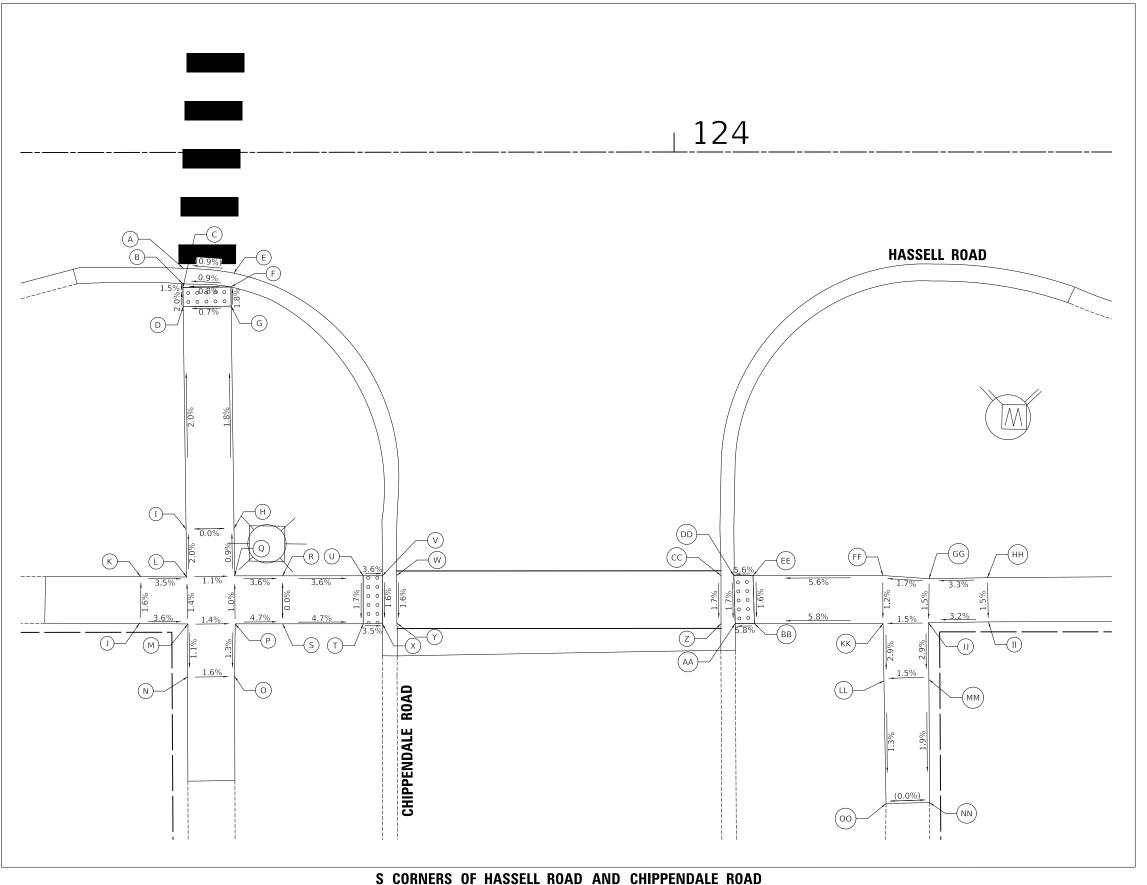


ADA GRADING PLAN SHEET 14 OF 19 SHEETS

SECTION 22-00112-00-RS COOK 56 35 CONTRACT NO. 61L23







S CORNERS OF HASSELL ROAD AND CHIPPENDALE ROAD 12.07 RT (810.59) 123+48 86 123+48.80 123+48 81 810.59 14 08'RT 123+48.83 810.62 (810.63)123+54.11 12.59 RT 123+53.81 810.62 123+53.83 16.02 RT 810.66 811.07 123+54.11 811.07 123+49.12 123+44.26 49.07'RT (811.42) 123+44.39 44.20'RT 811.34 123+49.18 44.24 RT 811.17 123+49.31 49.14 RT 811.24 123+49.25 54.65'RT (811.18) O 123+54.16 54.60'RT 811.10 49.13'RT 123+54.23 811.17 811.12 810.94 123+59.18 44.13 RT 123+59.17 123+67.57 49.13'RT 810.55 44.13' RT 810.63 123+67.56 810.56 123+69.56 44.13 RT 810.57 123+69.57 49.13'RT 810.48 49.07' RT (810.49) 123+71.08 124+04.89 49.14 RT (810.50) 124+06.37 49.14 RT 810.49 BB 124+08.37 | 49.14'RT 810.60 CC 124+04.88 44.14'RT 810.58 124+06.22 44.14 RT 810.57 124+08.22 44.14 RT 810.68 FF 124+21.74 44.13'RT 811.44 GG 124+26.56 44.47 RT 811.52 124+32.65 811.72 124+32.76 48.96 RT (811.65)811.45 124+21.77 49.13 RT 811.37 811.21 LL 124+21.86 55.10 RT MM 124+26.55 54.97'RT (811.28) NN 124+26.60 67.79'RT (811.04) OO 124+22.08 67.89 RT (811.04)

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

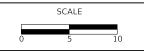
(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

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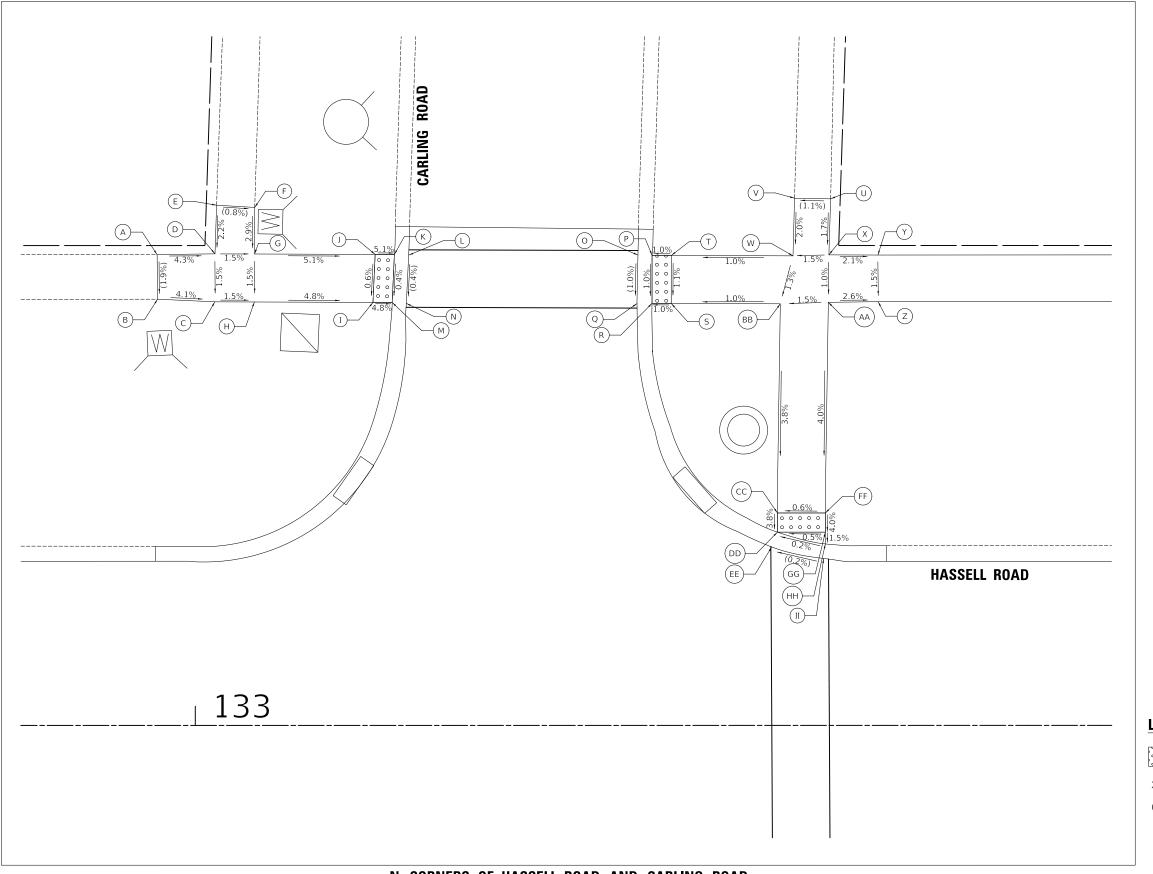
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**



ADA GRADING PLAN SHEET 16 OF 19 SHEETS

SECTION 22-00112-00-RS COOK 56 37 CONTRACT NO. 61L23





	STATION	OFFSET	ELEVATION
Α	132+96.03	49.06'LT	(786.84)
В	132+96.07	44.41 LT	(786.75)
С	133+02.04	44.14 LT	786.50
D	133+02.06	49.14 LT	786.58
E	133+02.22	54.20'LT	(786.69)
F	133+06.20	53.98'LT	(786.66)
G	133+06.18	49.12'LT	786.52
Н	133+06.16	44.12'LT	786.44
I	133+18.52	44.08'LT	785.85
J	133+18.75	49.08'LT	785.88
K	133+20.75	49.07 LT	785.77
L	133+22.24	49.00'LT	(785.78)
Μ	133+20.52	44.07'LT	785.75
N	133+21.99	43.97'LT	(785.76)
0	133+46.13	49.01'LT	(785.87)
Р	133+47.60	48.98'LT	785.86
Q	133+46.03	43.96 LT	(785.82)
R	133+47.59	43.98'LT	785.81
S	133+49.59	43.97'LT	785.83
Т	133+49.60	48.97'LT	785.89
U	133+66.21	54.86'LT	(786.16)
V	133+62.44	54.93'LT	(786.12)
W	133+62.28	48.92 LT	786.00
Χ	133+66.02	49.03 LT	786.06
Υ	133+71.13	49.01 LT	(785.95)
Z	133+71.15	44.15 LT	785.88
AA	133+65.96	44.08'LT	786.01
ВВ	133+60.96	43.93'LT	785.93
CC	133+60.65	22.13'LT	785.11
DD	133+60.65	20.13'LT	785.04
EE	133+60.06	18.59'LT	(785.03)
FF	133+65.65	22.13'LT	785.14
GG	133+65.65	20.13'LT	785.06
НН	133+65.65	18.91'LT	785.04
II	133+65.47	17.39'LT	(785.05)

N CORNERS OF HASSELL ROAD AND CARLING ROAD

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

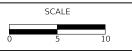
N CORNERS OF HASSELL ROAD AND CARLING ROAD



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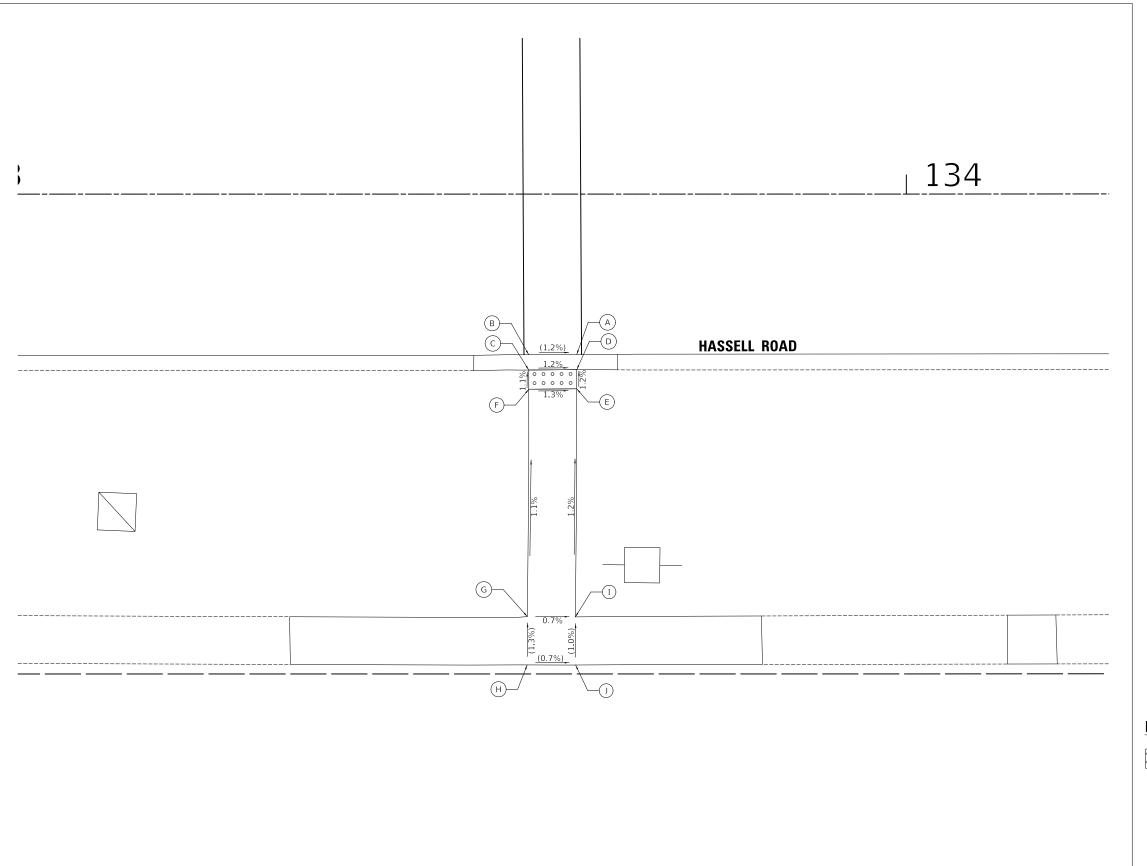


ADA GRADING PLAN SHEET 17 OF 19 SHEETS

SECTION 22-00112-00-RS

COOK 56 38 CONTRACT NO. 61L23





STATION OFFSET ELEVATION 133+65.65 16.72'RT (785.24) B 133+60.65 16.74 RT 133+60.65 18.33 RT 785.29 133+65.65 785.23 785.26 133+65.66 20.29 RT 133+60.66 20.34 RT G 133+60.51 44.03'RT (785.59) 133+60.49 49.06 RT (785.65) 133+65.51 44.06'RT (785.57) J 133+65.53 49.07 RT (785.62)

S SIDE OF HASSELL ROAD AT CARLING ROAD

LEGEND

DETECTABLE WARNINGS

X% / XXX.XX

PROPOSED SLOPE / ELEVATION

(X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

S SIDE OF HASSELL ROAD AT CARLING ROAD



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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

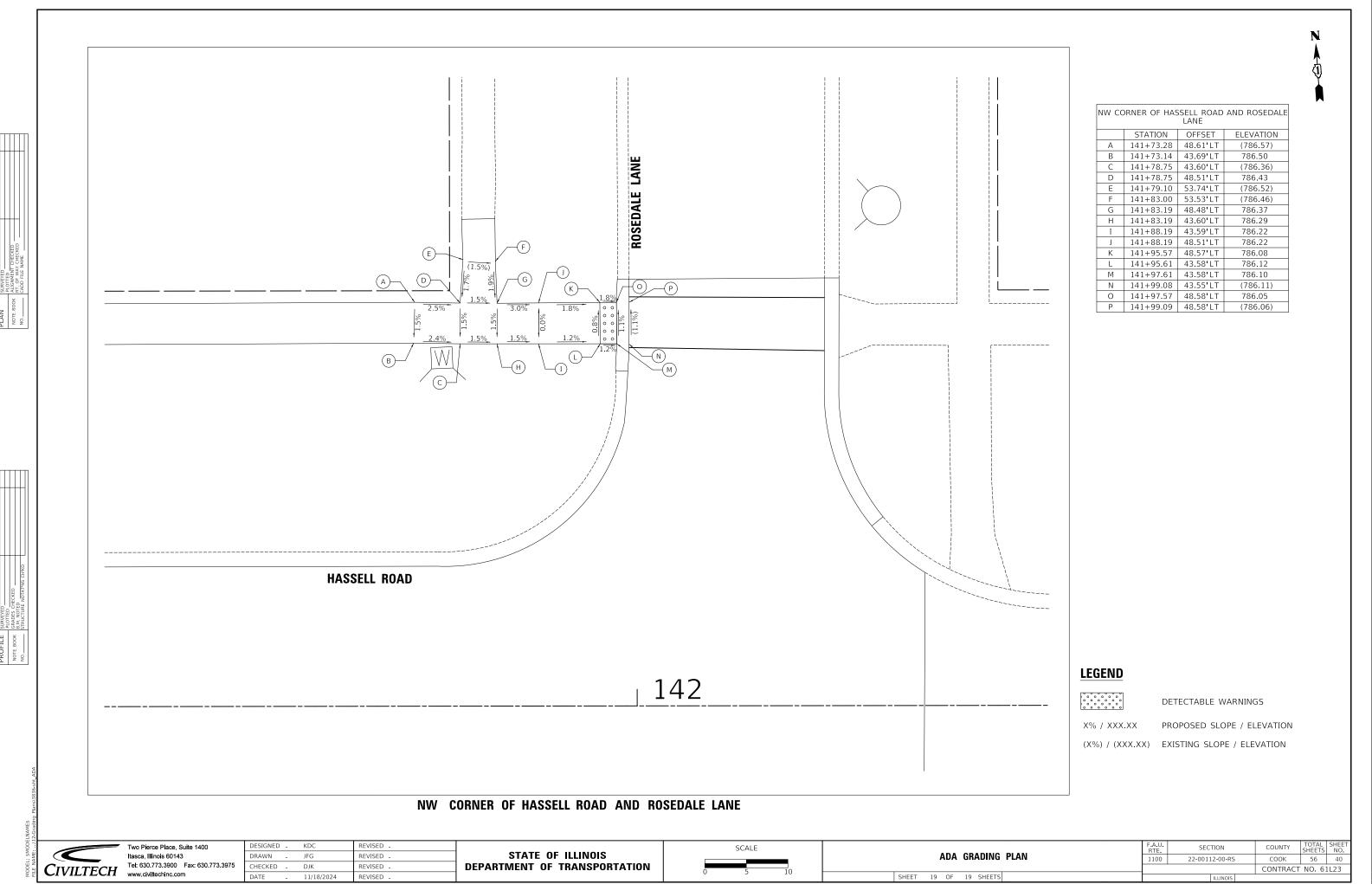


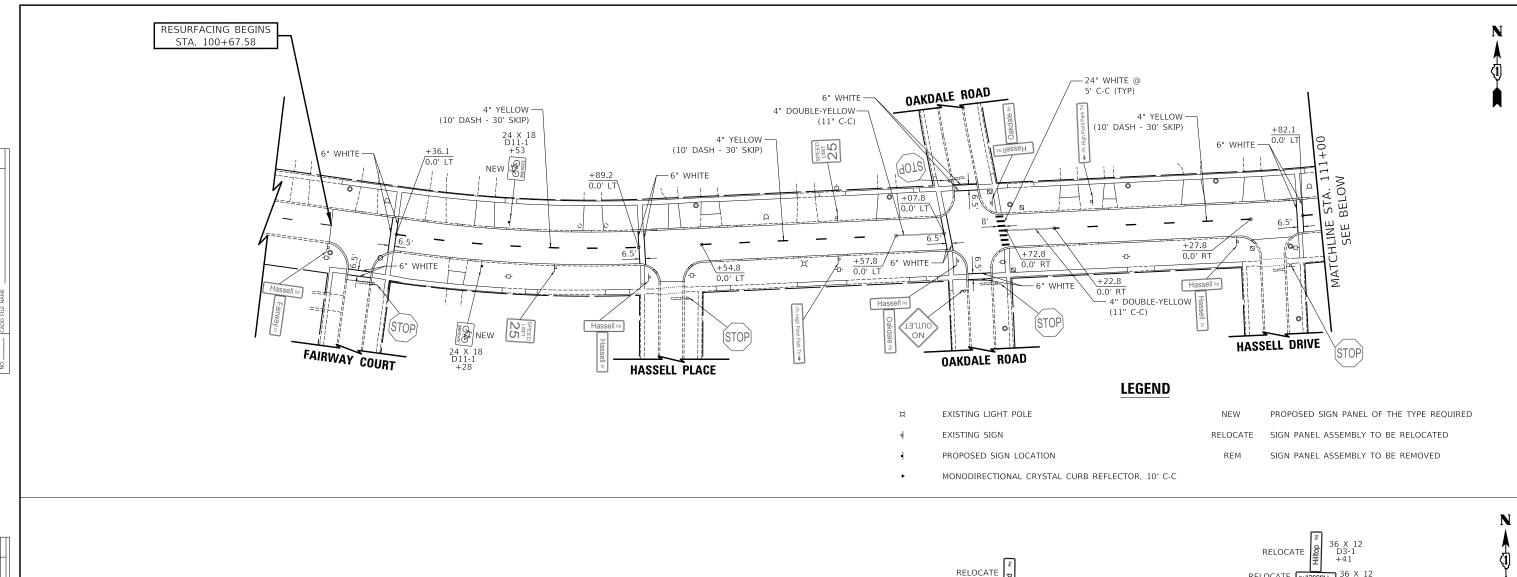
ADA GRADING PLAN

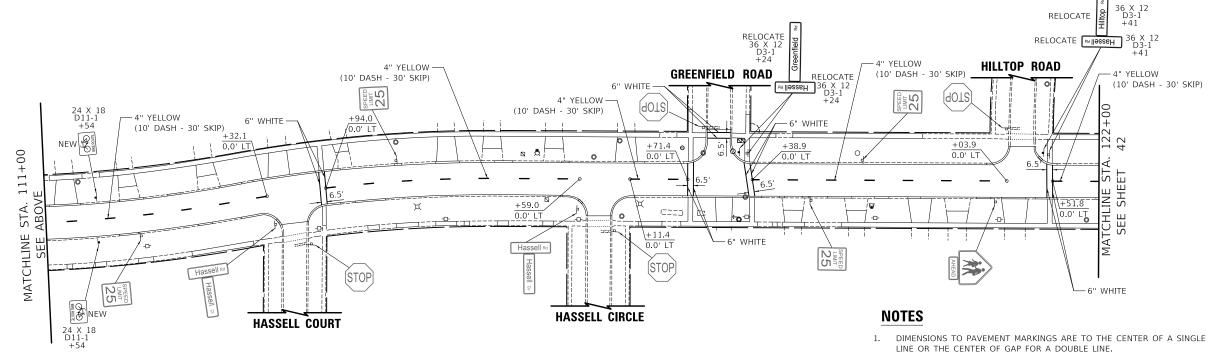
SECTION 22-00112-00-RS COOK 56 39

SHEET 18 OF 19 SHEETS

CONTRACT NO. 61L23







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DESIGNED -KDC REVISED DRAWN JFG REVISED **DEPARTMENT OF TRANSPORTATION** 11/18/2024

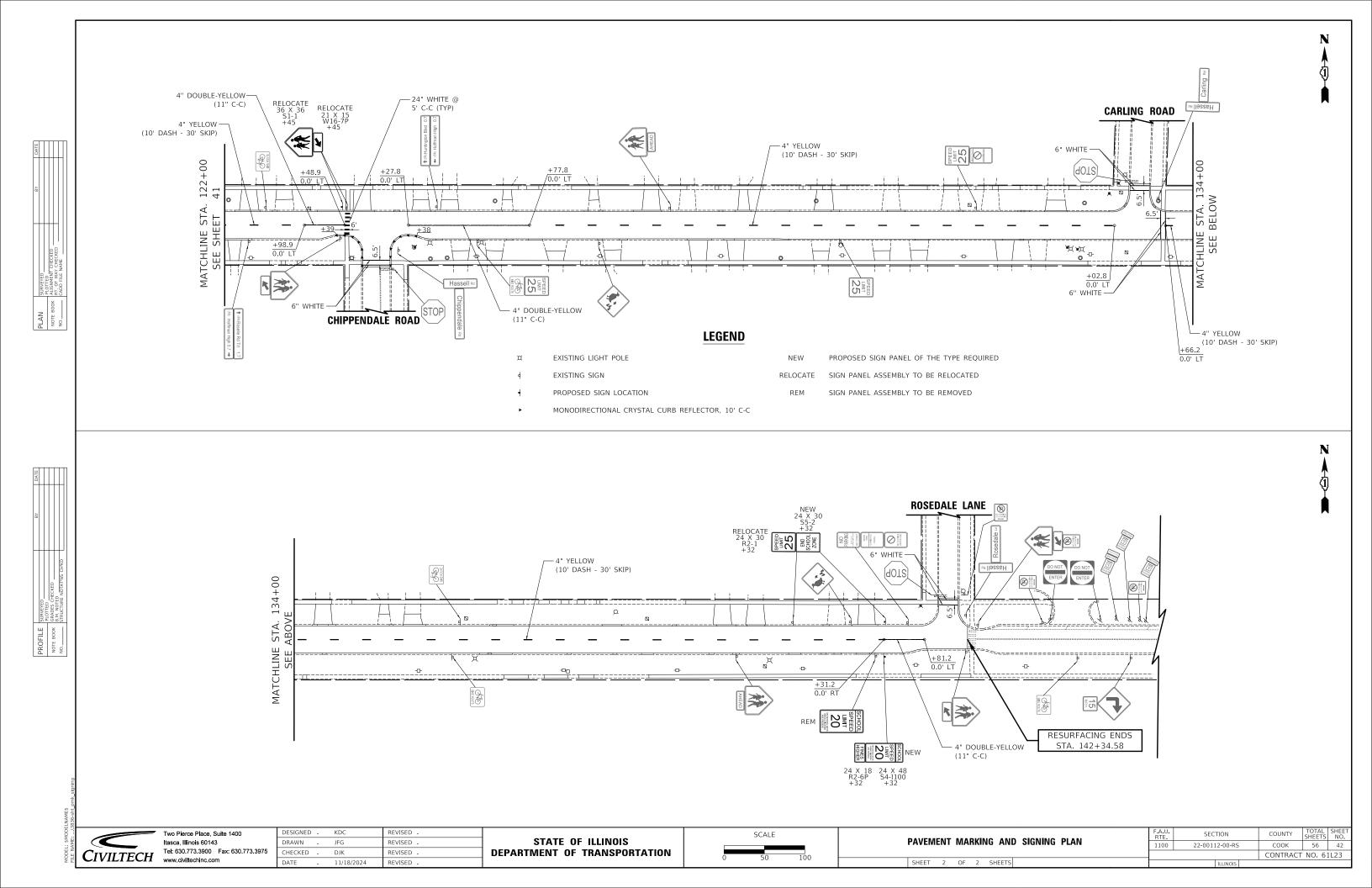
SCALE

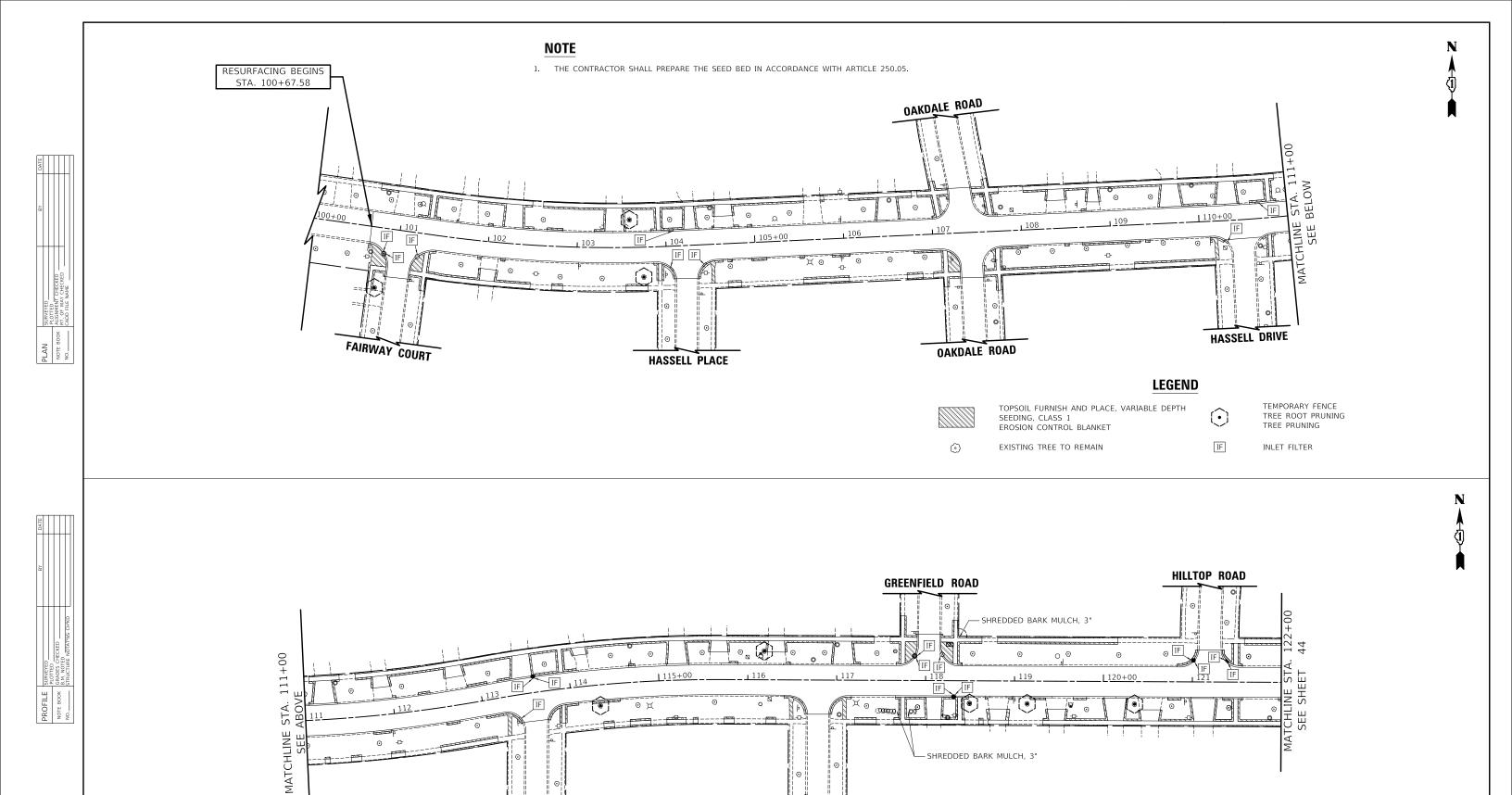
STATE OF ILLINOIS

PAVEMENT MARKING AND SIGNING PLAN SHEET 1 OF 2 SHEETS

2. ALL PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE. 3. EXISTING SIGNING SHALL REMAIN UNLESS OTHERWISE NOTED.

> SECTION COOK 56 41 22-00112-00-RS CONTRACT NO. 61L23

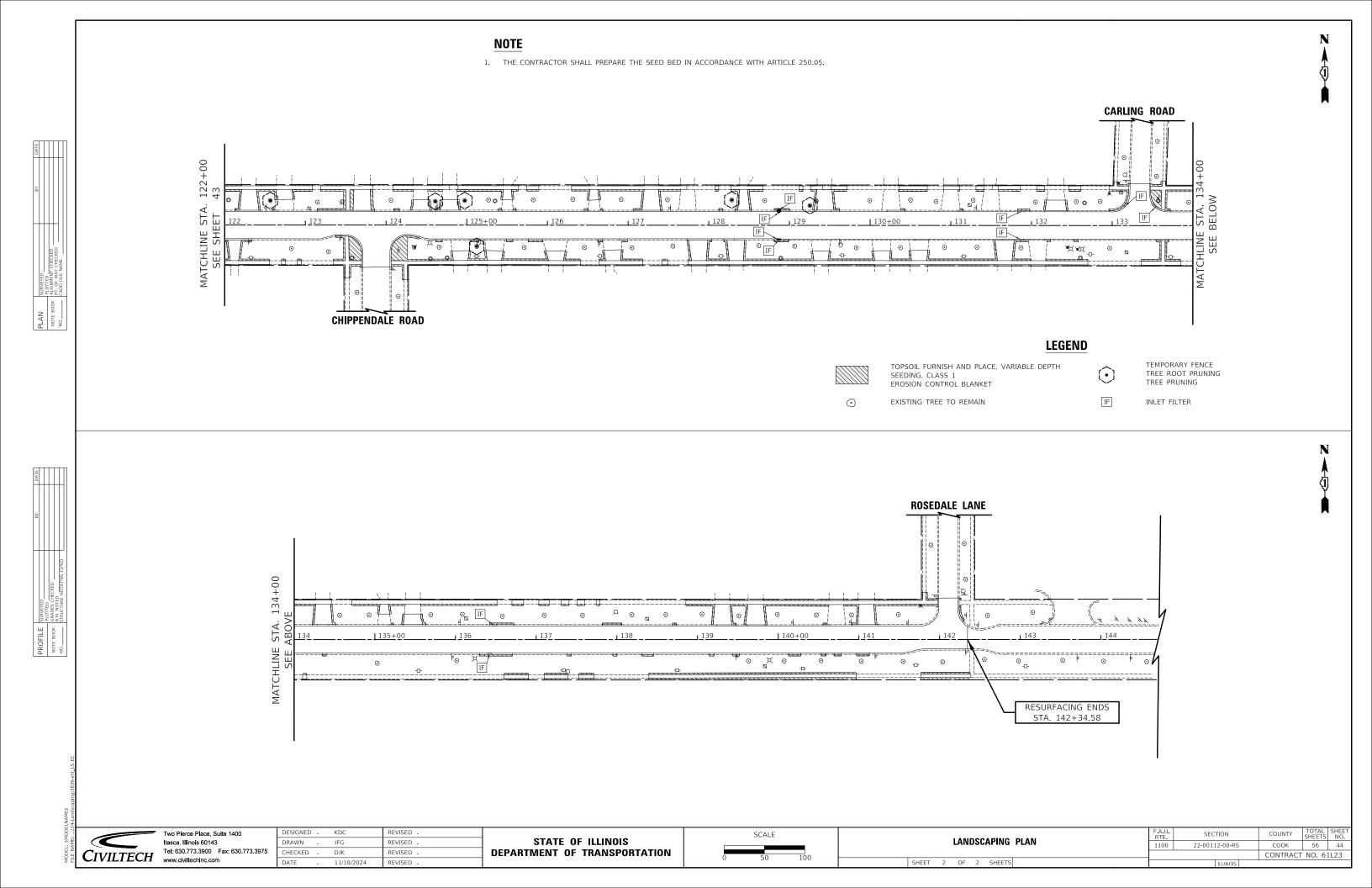


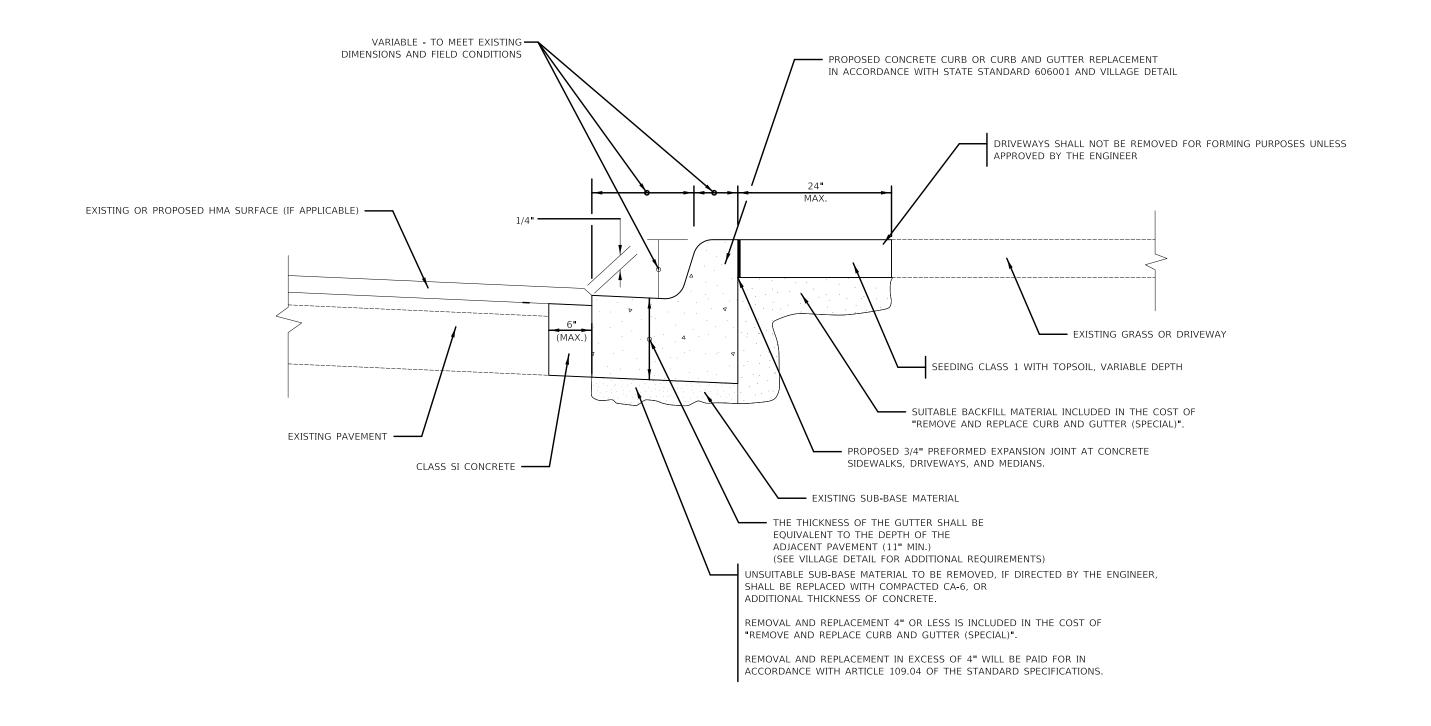


DESIGNED -KDC REVISED -Two Pierce Place, Suite 1400 SCALE SECTION STATE OF ILLINOIS LANDSCAPING PLAN CIVILTECH Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civitechinc.com DRAWN JFG REVISED -22-00112-00-RS COOK 56 43 **DEPARTMENT OF TRANSPORTATION** CHECKED -REVISED -CONTRACT NO. 61L23 11/18/2024 REVISED . SHEET 1 OF 2 SHEETS

HASSELL COURT

HASSELL CIRCLE





CURB AND GUTTER REMOVAL AND REPLACEMENT DETAIL



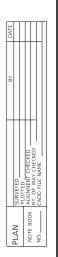
Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975

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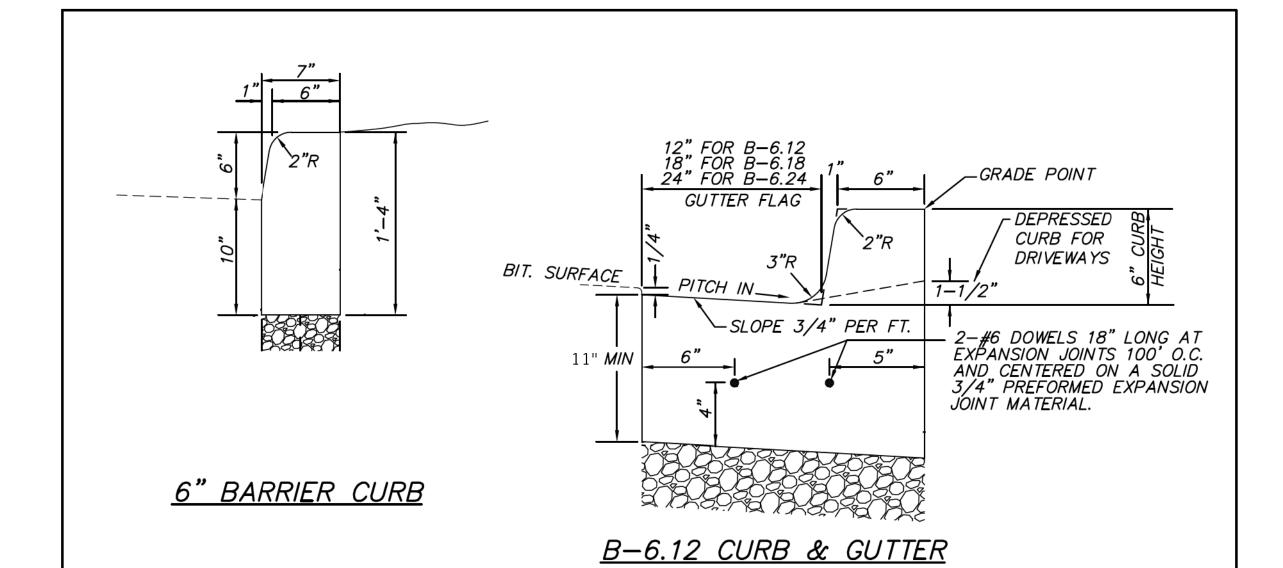
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

COUNTY SHEETS NO.

COOK 56 45 **CONSTRUCTION DETAILS** 22-00112-00-RS CONTRACT NO. 61L23 N.T.S. SHEET 1 OF 6 SHEETS







NOTES:

- 1. TAPER CURB TO 5'-0" EACH SIDE OF INLET WITH EXPANSION JOINTS.
- 2. CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15' TO A MINIMUM DEPTH OF 1 1/2".
- 3. MINIMUM 4" CA6 CRUSHED STONE BEDDING UNDER ALL CURBS.
- 4. ONLY CLASS SI CONCRETE SHALL BE USED.
- 5. DEPRESSED CURB FOR SIDEWALK RAMPS SHALL BE 0.5 INCHES IN HEIGHT.

CURB DETAILS					
SCALE	NONE	NO.	REVISIONS	BY	DATE
DATE	5-25-05	1.	MISC UPDATES	SW	2/10
DRAFTER SLW					
VILLAGE OF HOFFMAN ESTATES FILE NAME: SHEET NO. TRANSPORTATION & ENGINEERING DIVISION CURBS.DWG 1 OF 1					



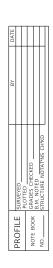
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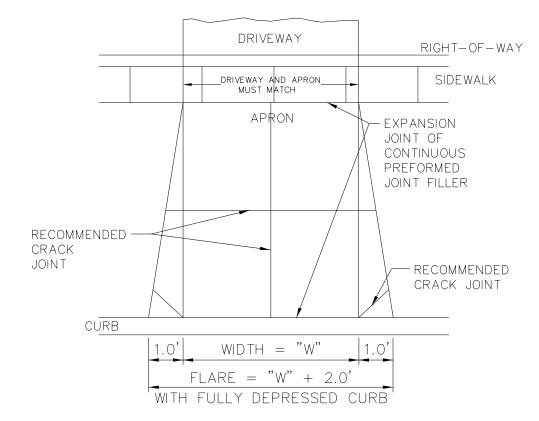
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REVISED -STATE OF ILLINOIS REVISED -**DEPARTMENT OF TRANSPORTATION** REVISED -

SECTION **CONSTRUCTION DETAILS** 22-00112-00-RS COOK 56 46 CONTRACT NO. 61L23 SHEET 2 OF 6 SHEETS







NOTE: MINIMUM WIDTH, "W" = 10', MINIMUM FLARE = 12' MAXIMUM WIDTH, "W" = 28', MAXIMUM FLARE = 30'

NOTES:

CONCRETE

- 1. THE APRON SHALL CONSIST OF 6" CONCRETE OVER 4" CA-6 CRUSHED STONE OR GRAVEL
- 2. CONCRETE TO BE IDOT APPROVED MIX, MIN. 3500 PSI COMPRESSIVE STRENGTH WITH SYNTHETIC FIBERS
- 3. CONCRETE MUST BE CURED IN ACCORDANCE WITH CONTRACT SPECIFICATIONS

HOT-MIX ASPHALT

- 1. THE RESIDENTIAL APRON SHALL CONSIST OF 3" HOT-MIX ASPHALT OVER 8" CA-6 CRUSHED STONE OR GRAVEL.
- 2. THE COMMERCIAL APRON SHALL CONSIST OF 5" HOT-MIX ASPHALT OVER 10" CA-6 CRUSHED STONE OR GRAVEL.

APRON DETAIL

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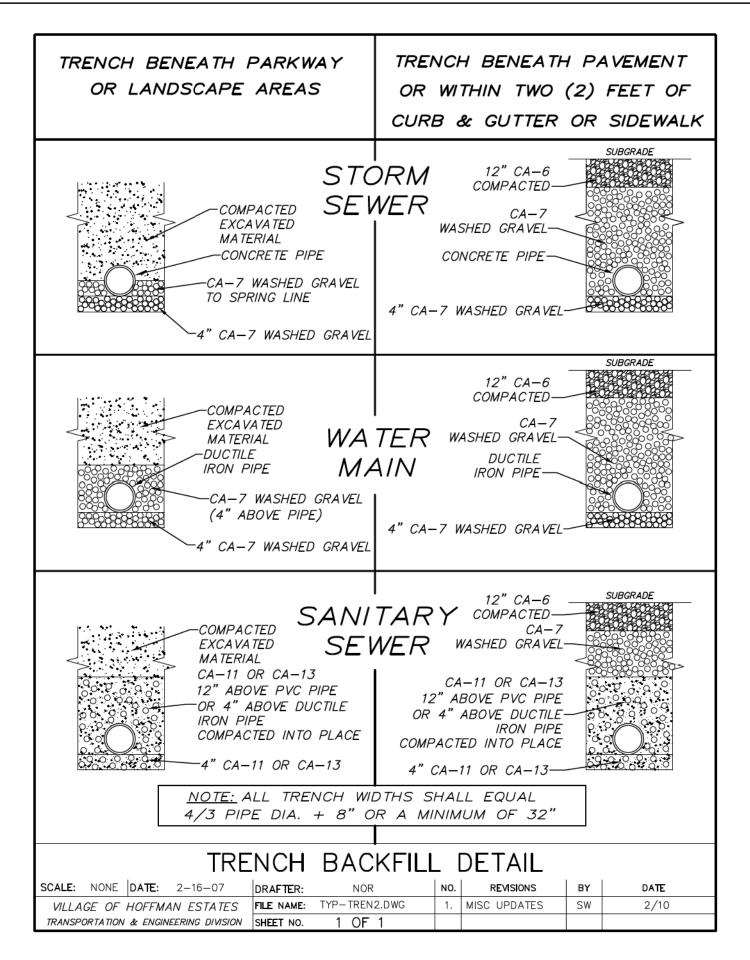
DESIGNED - KDC REVISED -JFG REVISED -REVISED -11/18/2024 REVISED .

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS SHEET 3 OF 6 SHEETS

SECTION 22-00112-00-RS COOK 56 47 CONTRACT NO. 61L23





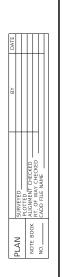
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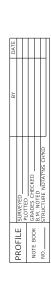
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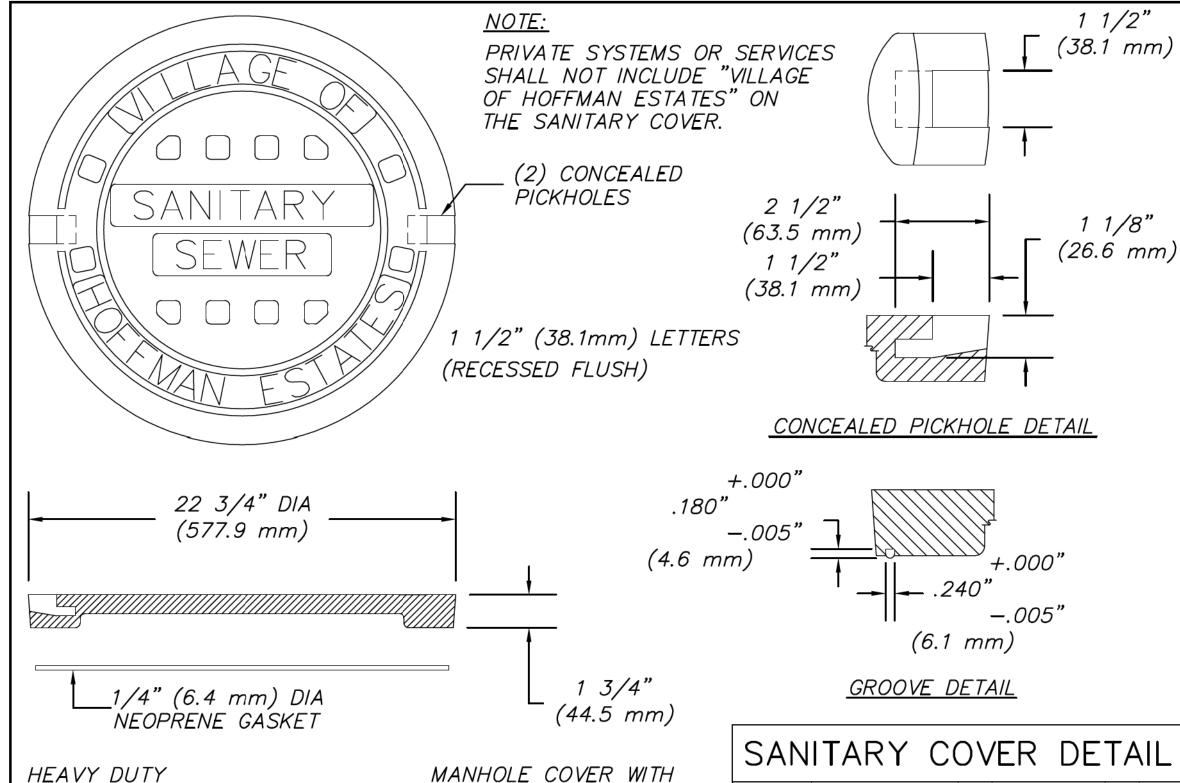
DESIGNED - KDC REVISED -DRAWN -JFG REVISED -CHECKED REVISED 11/18/2024

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION **CONSTRUCTION DETAILS** 22-00112-00-RS COOK 56 48 CONTRACT NO. 61L23 SHEET 4 OF 6 SHEETS







MAT'L ASTM A48 CL35 MACHINED BEARING SURFACE COVER WT: 125 LBS (56.7kg) GROOVED GASKET SEAL & CONCEALED PICKHOLES TO REDUCE SURFACE WATER INFLOW.

SCALE	NONE	NO.	REVISIONS	BY	DATE
DATE	5-25-05	1.	MISC UPDATES	SW	2/10
DRAFTER SLW					
VILLAGE OF HOFFMAN ESTATES FILE NAME: SHEET NO. TRANSPORTATION & ENGINEERING DIVISION SANCOVER.DWG 1 OF 1					

SHEET 5

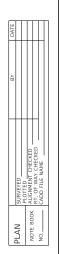


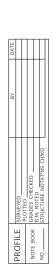
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	DESIGNED	-	KDC	REVISED -
	DRAWN	-	JFG	REVISED -
75	CHECKED	-	DJK	REVISED -
	DATE	-	11/18/2024	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

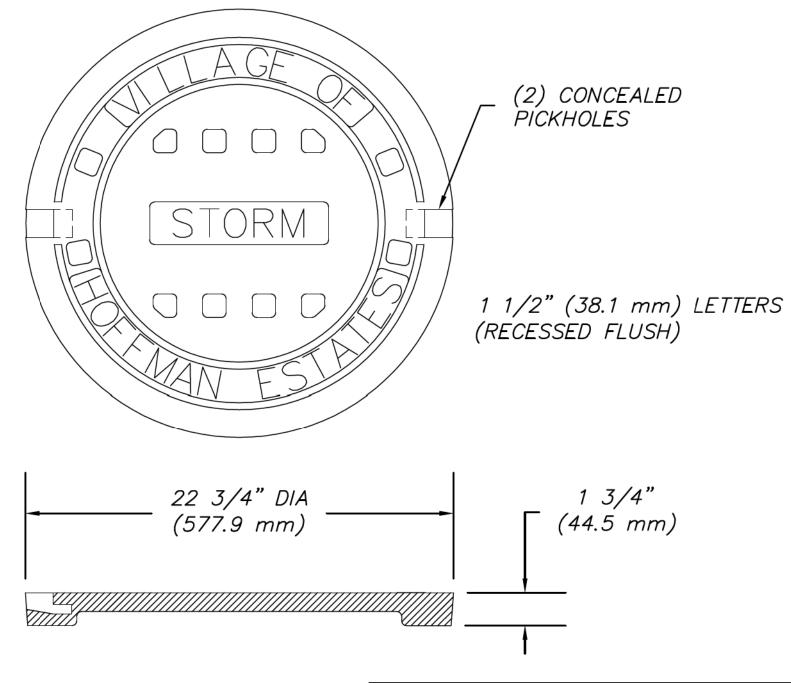
NSTRUCTION DETAILS		U. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		22-00112-00-RS		соок	56	49
				CONTRACT	NO. 6	1L23
OF 6 SHEETS		ILLINOI	s			







PRIVATE SYSTEMS OR SERVICES SHALL NOT INCLUDE "VILLAGE OF HOFFMAN ESTATES" ON THE STORM COVER.



HEAVY DUTY MAT'L ASTM A48 CL35 MACHINED BEARING SURFACE COVER WT: 125 LBS (56.7 kg)

STORM COVER DETAIL

SCALE	NONE	NO.	REVISIONS	BY	DATE
DATE	5-25-05	1.	MISC UPDATES	SW	2/10
DRAFTER SLW					
VILLAGE OF HOFFMAN ESTATES			FILE NAME:	SHEE	ET NO.
TRANSPORTATION & ENGINEERING DIVISION STRMCVR.DV			STRMCVR.DWG	1 (OF 1

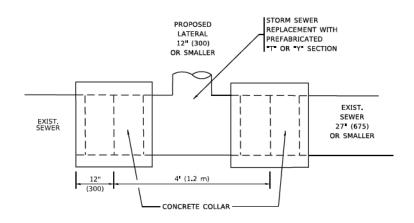


-	Two Pierce Place, Suite 1400		
	Itasca, Illinois 60143		
	Tel: 630.773.3900 Fax: 630.773.3975		
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DESIGNED	-	KDC	KEVISED -	
DRAWN	-	JFG	REVISED -	
CHECKED	-	DJK	REVISED -	DEPA
DATE	-	11/18/2024	REVISED -	

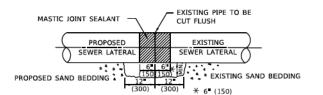
STATE OF ILLINOIS
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

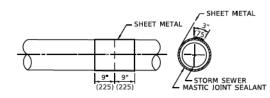
	F.A.U. RTE	SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTION DETAILS		22-0011	2-00-RS	COOK	56	50
				CONTRACT	NO. 61	.L23
F 6 SHEETS			ILLINOIS			

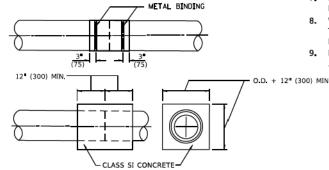


DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER







<u>DETAIL "B"</u>

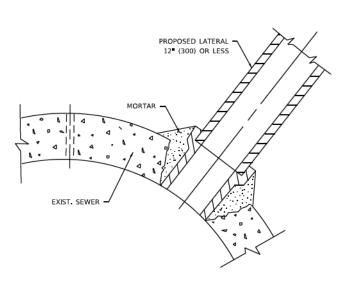
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT, BRUSH AND CLEAN ALL PIPES,
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- 4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- 8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.

SCALE: NONE

PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS: A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27 (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30 (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER.
 ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST
 BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

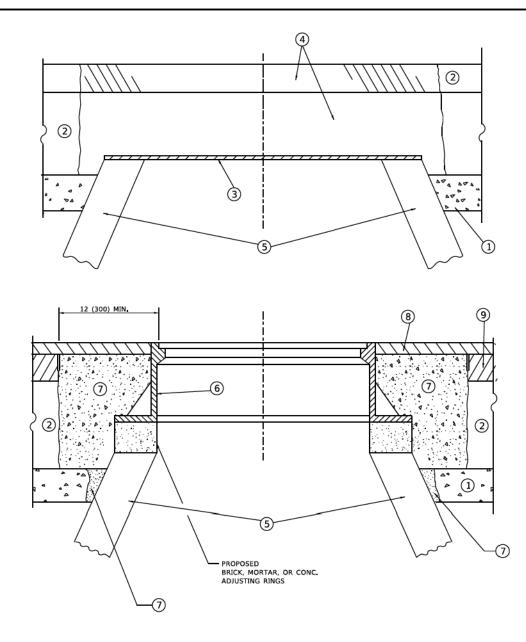
- 1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
- 2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
- 3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- 4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER,

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94
	DRAWN -	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100,0000 ' / In.	CHECKED -	REVISED - R. SHAH 06-12-96
DLOT DATE - 11/19/2022	DATE 07.25.00	DEV/(CED

STATE	0F	ILLINOIS
DEPARTMENT (DF 1	TRANSPORTATION

	DETAIL OF STORM SEWER					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE
CONNECTION TO EXISTING SEWER						1100	22-00112-00-RS	COOK	56	5:
COMMECTION TO EXISTING SEWER							BD500-01 (BD-07)	CONTRACT NO. 61L2		
	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED. AL	ID PROJECT		



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

- 1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- 5, THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

STAGE 1 (BEFORE PAVEMENT MILLING)

CONSTRUCTION PROCEDURES

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- *UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER." **LEGEND**

1 SUB-BASE GRANULAR MATERIAL

(6) FRAME AND LID (SEE NOTES)

2 EXISTING PAVEMENT

(7) CLASS PP-2* CONCRETE

3 36 (900) DIAMETER METAL PLATE

8 PROPOSED HMA SURFACE COURSE

4 PROPOSED CRUSHED STONE AND HMA SURFACE MIX

(9) PROPOSED HMA BINDER COURSE

(5) EXISTING STRUCTURE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

- 1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

SER NAME - Lawrence, DeManche DESIGNED - R. SHAH REVISED - R. BORO 03-09-11 REVISED - R. BORO 12-06-11 DRAWN -CHECKED -REVISED - K. SMITH 11-18-22 LOT SCALE = 100,0000 ' / In. DATE REVISED - K. SM[TH 09-15-23 10-25-94

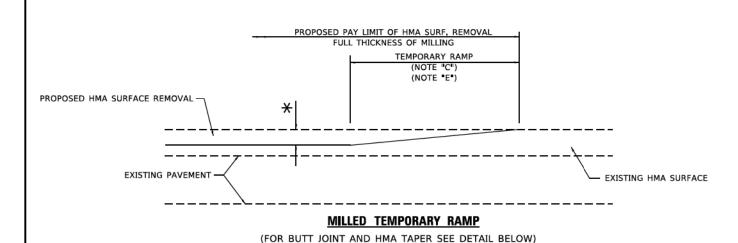
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

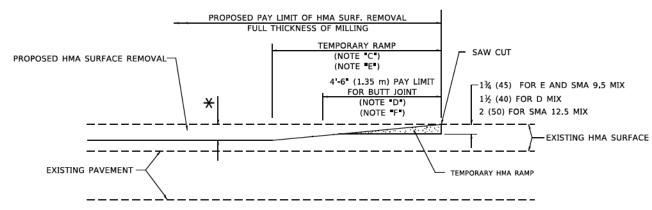
SHEET 1 OF 1 SHEETS STA.

SCALE: NONE

COUNTY COOK CONTRACT NO. 61L23 BD600-03 (BD-08)



OPTION 1

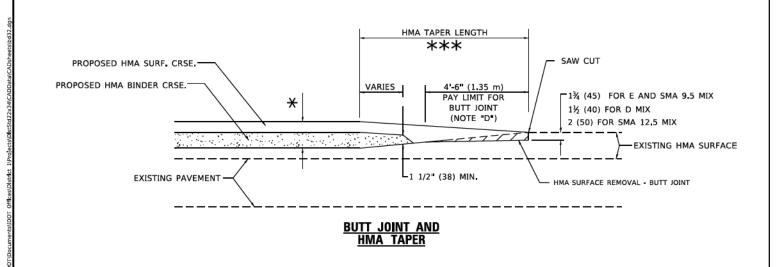


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



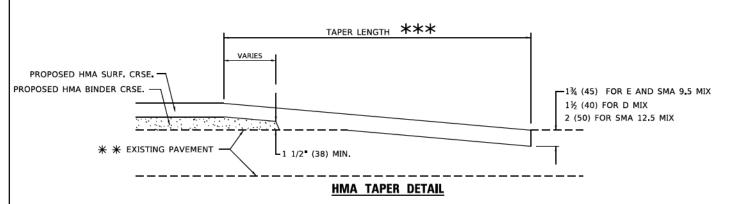
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HMA OR PCC
SURFACE REMOVAL - BUTT JOINT
30'-0" (9.0 m) (NOTE "A*)
15'-0" (4.5 m) (NOTE "B*)
(NOTE "D*)
40'-0" (12.0M) (NOTE "A1")

** * EXISTING PAVEMENT

BUTT JOINT DETAIL



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- $\star\star$

BASIS OF PAYMENT

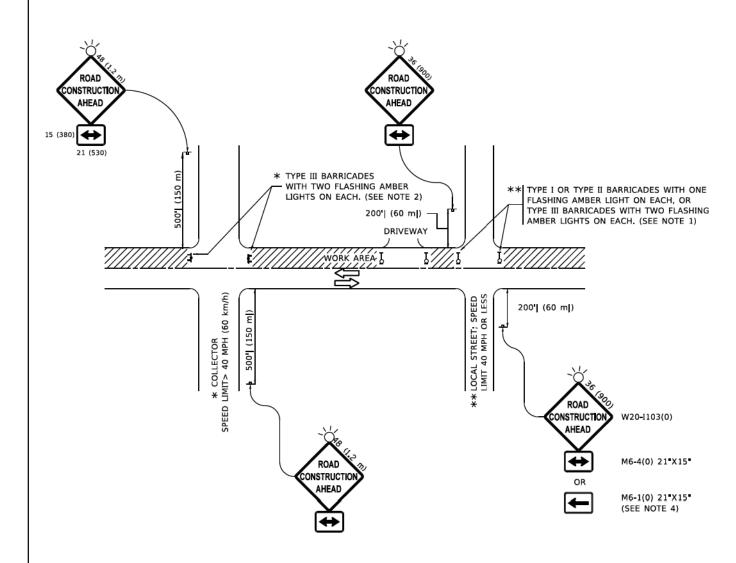
- THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

COUNTY

CONTRACT NO. 61L23

SHEETS NO.



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER;
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
 b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION
 OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710)
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
 4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
 BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

SCALE: NONE

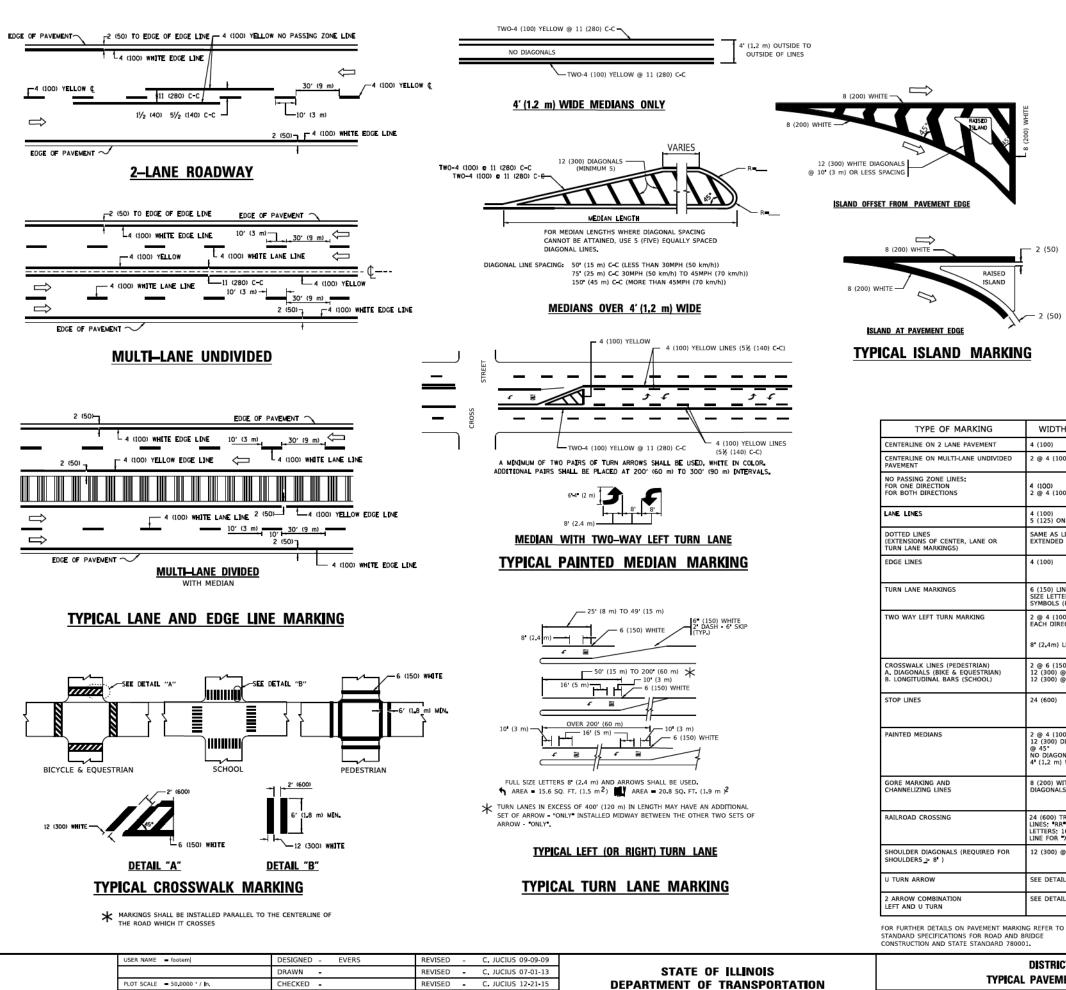
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SHEET 1 OF 1 SHEETS STA.



DATE

2 (50) LANE REDUCTION TRANSITION * LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OF GREATER OR WHEN SPECIFIED IN PLANS. **U-TURN** WIDTH OF LINE PATTERN COLOR SPACING / REMARKS 10" (3 m) LINE WITH 30' (9 m) SPACE 5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN SKIP-DASH SKIP-DASH 10' (3 m) LINE WITH 30' (9 m) SPACE (125) ON FREEWAYS SAME AS LINE BEING EXTENDED KIP-DASH SAME AS LINE BEING EXTENDED 2 (600) LINE WITH 6 (1.8 m) SPACE SOLID YELLOW-LEFT WHITE-RIGHT OUTLINE MEDIANS IN YELLOW 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8 (2.4m)) SOLID WHITE SEE TYPICAL TURN LANE MARKING DETAIL 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID YELLOW LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL NOT LESS THAN 6 (1.8 m) APART 2 (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. PLACE 4' (1,2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE 24 (600) SOLID 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. 2 @ 4 (100) WITH 12 (300) DIAGONALS SOLID YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC NO DIAGONALS USED FO 4' (1.2 m) WIDE MEDIAN 8 (200) WITH 12 (300) DIAGONALS @ 45° SOLID DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h)) 24 (600) TRANSVERSE LINES; "RR" IS 6 (1.8 m) LETTERS; 16 (400) LINE FOR "X" SOL1D SEE STATE STANDARD 780001

COMBINATION

LEFT AND U-TURN

T 32 R (810)

— 2 (50)

12 (300) @ 45°

SEE DETAIL

SCALE: NONE

D(FT)

750

SPEED LIMIT

55

DISTRICT ONE 22-00112-00-RS TYPICAL PAVEMENT MARKINGS CONTRACT NO. 61L23 TC-13 SHEET 1 OF 2 SHEETS

30.4 SF

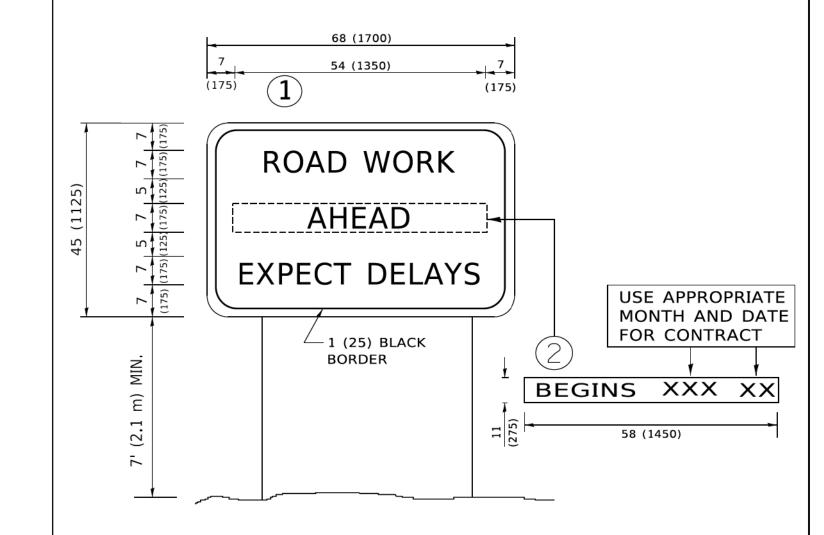
WHITE - RIGHT YELLOW - LEFT

WH[TE

SOLID

50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

unless otherwise shown.



NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN(1)WITH INSTALLED PANEL(2)ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL 2 SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

SCALE: NONE

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = footemj	DESIGNED -	REVISED	-	R. MIRS 09-15-97
	DRAWN -	REVISED	-	R. MIRS 12-11-97
PLOT SCALE = 50,0000 ' / In.	CHECKED -	REVISED	-T. I	RAMMAC HE R 02-02-9
PLOT DATE = 3/4/2019	DATE -	REVISED		C. JUCIUS 01-31-07

STATE OF ILLINOIS						
DEPARTMENT (OF T	RANSPORTATION				

ARTER I AL ROAD									
INFORMATION SIGN									
Г	1	OF	1	SHEETS					

RTE.	SECTION			COUNTY	SHEETS	NO.
1100 22-00112-00-RS				COOK	56	56
TC-22			CONTRACT	NO. 61	L23	
ILLINOIS FED. A				ID PROJECT		