



**Village of Hoffman Estates  
Engineering Division**

**REQUEST FOR QUALIFICATIONS**

**PHASE III - CONSTRUCTION INSPECTION**

**HASSELL ROAD RESURFACING (FAIRWAY-ROSEDALE)**

**RELEASE DATE: SEPTEMBER 24, 2024**

**DUE DATE: OCTOBER 8, 2024 at 5:00 PM**

**PROJECT:** Hassell Road Resurfacing (Fairway-Rosedale)  
Section #22-00112-00-RS

**LOCATION:** Hassell Road – Fairway Court to Rosedale Lane

**BACKGROUND**

The Village of Hoffman Estates (Village) is the lead agency for an improvement project on Hassell Road. A map of Hassell Road showing the limits of work is attached.

Phase I approval from IDOT for the project was received in early 2022. Phase II PS&E are being prepared by a Consultant. The construction and construction engineering will be funded through the Federal STP program. Construction letting is expected to occur in March 2025.

**PROJECT DESCRIPTION**

A brief description of the street section and proposed improvements to be constructed under this RFQ in Phase III follows.

**Hassell Road – Fairway Court to Rosedale Lane (0.79 miles)**

Hassell Road is a two-lane collector street in Hoffman Estates. It connects to Barrington Road on the west and to Jones Road on the east and is a designated federal aid route. The portion to be resurfaced with this project is approximately 0.79 miles long. Adjacent development is residential with Eisenhower School located towards the east end. MacArthur School is located on Chippendale Lane about a quarter mile south of Hassell Road. The width is about 37 feet measured between backs of curb and the right of way is 100 feet. The edge of the roadway consists of B6.12 curb and gutter with curb extensions located at the intersections of Rosedale Lane and Chippendale Road. On-street parking is allowed on both sides of the street. Sidewalk is located on both sides

of the street and is five feet wide. School buses stop at various locations along Hassell Road, while marked crosswalks are present at Chippendale Road and Rosedale Lane.

The proposed improvements generally consist of grinding the existing pavement and resurfacing with new asphalt. Curb and gutter repairs along with sidewalk modifications to meet ADA requirements are included. In addition, pavement patching, and sidewalk repairs to comply with ADA requirements are included in the scope.

Pre-final plans are available for reference for the purpose of understanding the full scope of the improvements.

### **PROJECT OVERVIEW**

The Village desires to hire a consulting engineering firm to function as the Resident Engineer to provide Phase III engineering services on behalf of the Village during the construction of the Hassell Road improvements. The scope of construction work includes, but is not limited to, removal and replacement of HMA surface course, curb & gutter repairs, sidewalk replacement to fully comply with PROWAG, new bike path, pavement patching, traffic signal modernization, storm sewer a, striping, traffic control signs, restoration, and all other incidental and collateral work necessary to complete the improvement as will be shown in the final plans and as generally described herein. Two-way traffic is to be maintained during construction along with accommodations to maintain existing pedestrian access.

Of particular importance in the response to this RFQ is the firm's record of timely and successful completion of STP construction projects of a similar scope. The Village is soliciting interest from engineering firms to demonstrate qualifications to perform professional engineering services for project management, material testing, documentation and inspection services meeting all IDOT and STP requirements during pre-construction and construction periods to accomplish this work. The consultant shall be familiar with IDOT and federally funded project procedures to ensure this work meets expected deadlines and stays on schedule.

### **RFQ SCOPE OF WORK AND REQUIREMENTS**

The scope of work for this RFQ shall generally include, but not be limited to, construction engineering services of staking, inspection, material testing, measurement, documentation and compilation of quantities which shall be utilized by the Village in the Resident Engineer's role. The scope of services shall include field inspections, attending preconstruction and other meetings as required, coordination meetings with agencies and utilities, documentation of work and quantities, quality assurance/quality control, and reporting on all work performed by the contractor as required by the Village and IDOT for a STP project. Review of project invoices prepared by IDOT and submitting consultant invoices for Phase III services on a timely basis will be required.

The consultant's scope of work includes closing out the project with all agencies including final IDOT acceptance. Additional requirements and tasks stipulated by IDOT, but not specifically listed here, will be considered to be part of the normal scope of Phase III engineering services and related responsibilities for a STP project. The firm should use its experience to highlight any such items in its response to this RFQ.

The consultant will assign an approved engineer to act as Resident Engineer on behalf of the Village. The consultant will perform on-site field inspection, layout including design changes, provide construction staking/layout when not provided in the contract plans, provide geotechnical and material inspection and testing, prepare records, maintain documentation, submit pay estimates, process change orders, and perform any other duties that would require the services of an engineer and/or technician to complete this project on a timely basis and in accordance with State specifications and procedures.

The consultant will provide a Resident Engineer and adequate staff to perform the duties required to fulfill the engineering task requirements in accordance with IDOT policies, including:

- Resident Engineer (Illinois Licensed Professional Engineer required). A current IDOT Construction Documentation certification, experience and a working knowledge of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC), Traffic Signals, ADA guidelines and soils training are required.
- Inspectors (as needed to perform on-site inspection, survey and QA inspection). A current IDOT Construction Documentation certification, experience and a working knowledge of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC), Traffic Signals, ADA guidelines and soils training are required.
- Materials Coordinator (RE Materials training class preferred)
- Materials QA Technician (this person shall have a Level II HMA and PCC training and IDOT class S-33, Soils Testing)
- Materials Laboratory (QA Complete prequalified)

It is acknowledged by the Village that one or more of the required roles mentioned above can be fulfilled by the same person.

### **IDOT PREQUALIFICATION**

At a minimum, it is required that the engineering consultant and/or its subcontractors shall have obtained IDOT prequalification for the applicable categories of services required for the project. Documentation of the firm's IDOT prequalification shall be included as part of the firm's response to this request.

### **REQUIRED INFORMATION**

The proposal shall provide detailed sections on how the firm will meet or exceed the requirements of this RFQ and any other conditions that will be required by IDOT and the STP program. Each of these tasks should clearly state the duties to be performed by the consultant, what information/service/product(s) is assumed to be provided by the Village, and a schedule for completing necessary tasks. The proposal shall provide sufficient information to demonstrate the firm's qualifications and readiness to perform this work. A list of staff showing job title or classification to be assigned for each project task shall be included. Also identify and provide qualifications for proposed subcontractors for this project. Proof of pre-certification with IDOT for the listed categories of service as well as adequate levels of insurance are required.

Additionally, the following specific information will be required with each proposal to assist in the evaluation process:

1. Cover letter expressing interest in the project, reference to key staff, list of subconsultants, and information for a single point of contact with your project team.
2. The resumes of key staff assigned to provide the required services. Please limit resumes to only those staff serving in key roles on the project. Each resume should be no more than two pages. List only prior project experience relevant to this RFQ.
3. An organizational chart showing proposed staffing, how these positions interact with one another, and the role of subconsultants, if any.
4. A description of your understanding of the project and the detailed approach to completing the required work. Highlight any unique or special circumstances and experiences on completed projects that you feel are relevant.
5. A schedule of completion for key milestone tasks, which incorporates realistic time frames, that allow for agency reviews.
6. A list of projects of a similar nature currently or previously performed by the consultant for local agencies along with a list of references and firm's contact people on all sample projects shall be provided. Do not include projects that reflect a significantly different scope than what is required for the subject work or those done by staff members not to be assigned to this project.
7. The Village requires consultants to submit a disclosure statement with their proposals. The Village requires the use of the IDOT BDE DISC 2 Template as their conflict of interest form.
8. Any other information that the consultant deems appropriate to assist the Village in evaluating the team's response. Such information should be specific and concisely demonstrate how it is relevant to the project that is the subject of this RFQ.
9. The firm's response should clearly demonstrate a thorough understanding of the project specifics and challenges, and detail the proposed approach to successfully completing the project on time and under budget. Responses which are generic, non-specific to the subject work, or simply reiterate the tasks listed in this RFQ typically will be viewed as less desirable. Submittals that reflect thoughtful, innovative, and comprehensive understanding in developing a proposed approach specific to the subject project are preferred in lieu of generic descriptions and responses.

Please note, the engineering consultant selected shall take out and maintain insurance of such types and such amounts as are necessary to cover responsibilities and liabilities on a project of the character contemplated under this proposal. The consultant shall meet all insurance requirements as stated in Article 107.27 of the Standard Specifications for Road and Bridge Construction adopted January 1, 2022. All insurance policies shall include the Village and their duly authorized representatives as additional insured parties.

The Village of Hoffman Estates strongly encourages Disadvantaged Business Enterprises (DBE) to apply. If subcontracts are to be let, the primary consultant shall take these same affirmative steps to include DBE firms.

## **EVALUATION**

Village staff will follow the QBS process outlined in the Village policy and procedure. Only those proposals received prior to the deadline will be reviewed. The Village reserves the right to reject



any or all responses based solely on its determination of how well the responses meet the needs of the project.

The specific weights for each criterion listed below will be used for evaluations of responses on this project. Further information on the QBS process can be found on the Village website.

<b>Criteria</b>	<b>Weight</b>
Project Understanding	25%
Technical Approach	25%
Firm Experience / Past performance	20%
Staff Capabilities	20%
Specialized experience – Federal aid construction projects	10%
Total	100%

No interviews will be conducted as a part of this selection process. The Village, at its sole discretion, may choose to follow-up with any firm to clarify questions related to submitted proposals.

**RFQ TIMELINE**

The following is an estimated timeline for the RFQ review, evaluation, and selection. The proposals will be evaluated based on the criteria used in the Village QBS procedure. No interviews will be conducted although follow-up questions to clarify items may be asked by the Village at its discretion. The Village has the sole right to evaluate and recommend a consultant to the Village Board for approval based on an evaluation of the proposals as submitted. The Village’s QBS process can be found on the Village website under the RFQ section.

<b>Task</b>	<b>Date</b>
RFQ posted on Village website	September 24, 2024
RFQ response due at 5:00 p.m.	October 8, 2024
Reviews / Negotiation	October 8-28 2024
Recommendation to Transportation and Road Improvement Committee	November 11, 2024

Village Board approval	November 18, 2024
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**SUBMITTAL REQUIREMENTS**

If interested, please email a PDF file, no more than 20 MB in size, of your statement of interest and detailed qualifications per the above requirements by the closing deadline of October 8, 2024 at 5:00 p.m. to:

Oscar Gomez, P.E.  
Civil Engineer II  
Village of Hoffman Estates  
[oscar.gomez@vohe.org](mailto:oscar.gomez@vohe.org)

The email containing the RFQ response must be received in the Village email system by 5:00 p.m. Responses received after the deadline above, regardless of reason for delay, will not be accepted. Only electronic submittals will be received for consideration and review.

Questions related to this RFQ must be received in writing by the Village by 5:00 p.m. on October 4, 2024. Verbal questions or inquiries are not accepted. Individual responses to written questions related to this request will not be provided, however, responses to questions received by the above deadline will be posted to the Village's website. Information related to the project, this RFQ, and Village QBS policy can be found under the Business tab by clicking RFPs, RFQs, & Bids at <http://www.hoffmanestates.org/business/rfps-rfqs-bids>.



Categorical Exclusion Group I

County: Cook
Local Public Agency: Hoffman Estates
Section Number: 22-00112-00-RS
Route: Hassell Road (1100)

Project Number: Project Length: 4,190 ft (0.79 mi)

Type of Funds: STP Project Termini: Fairway Court - Rosedale Lane

Local Agency Jurisdiction: Hoffman Estates

Project Description: HMA resurfacing of Hassell Road from Fairway Court to Rosedale Lane. Scope to include spot curb & gutter repair, pavement patching, and sidewalk replacement to ADA (PROWAG) guidelines. All improvements proposed to be in existing ROW.

Total Cost of Project: \$968,000.00

Federal Participation: \$726,000.00

Categorical Exclusion Statement:

This project will not have any significant impacts on the environment, or involve any unusual circumstances, therefore, it is a Categorical Exclusion I.

Local Agency signature: Jose Rios IR
Regional Engineer

Date: 2/25/2022
Date: 3/7/22

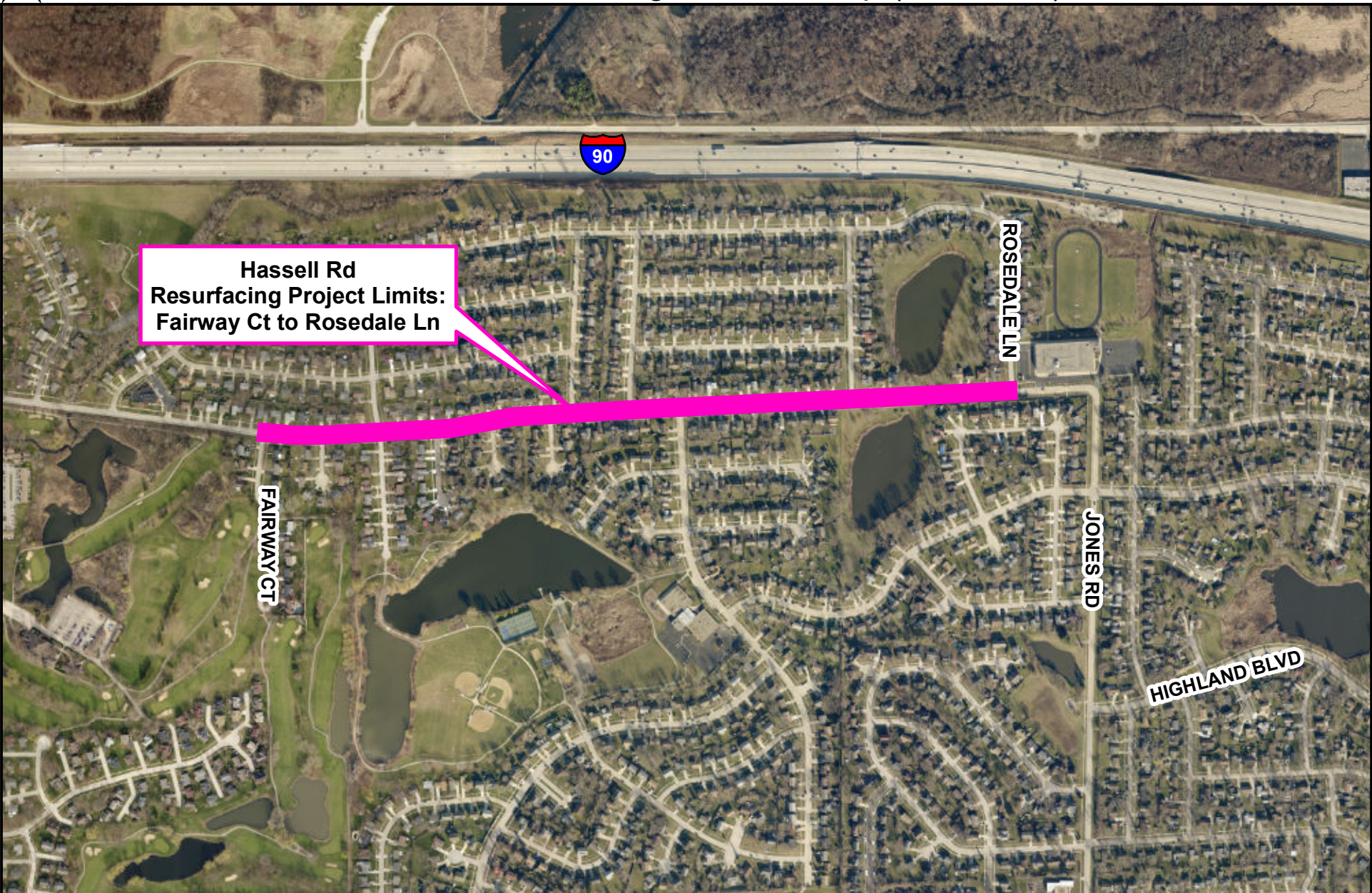
Required Attachments (when applicable):

- Location Map
Existing and Proposed Typical Sections
Coordination with Local Bridge Unit when structures are impacted
List of sign quantities for Rural Sign Program projects
Layout of sidewalks for sidewalk projects
Coordination meeting minutes if applicable
Approved BLR 22120 form for approved design variances
Other:





# Hassell Rd Resurfacing Location Map (FAU 1100)



**Hassell Rd  
Resurfacing Project Limits:  
Fairway Ct to Rosedale Ln**



ROSEDALE LN

FAIRWAY CT

JONES RD

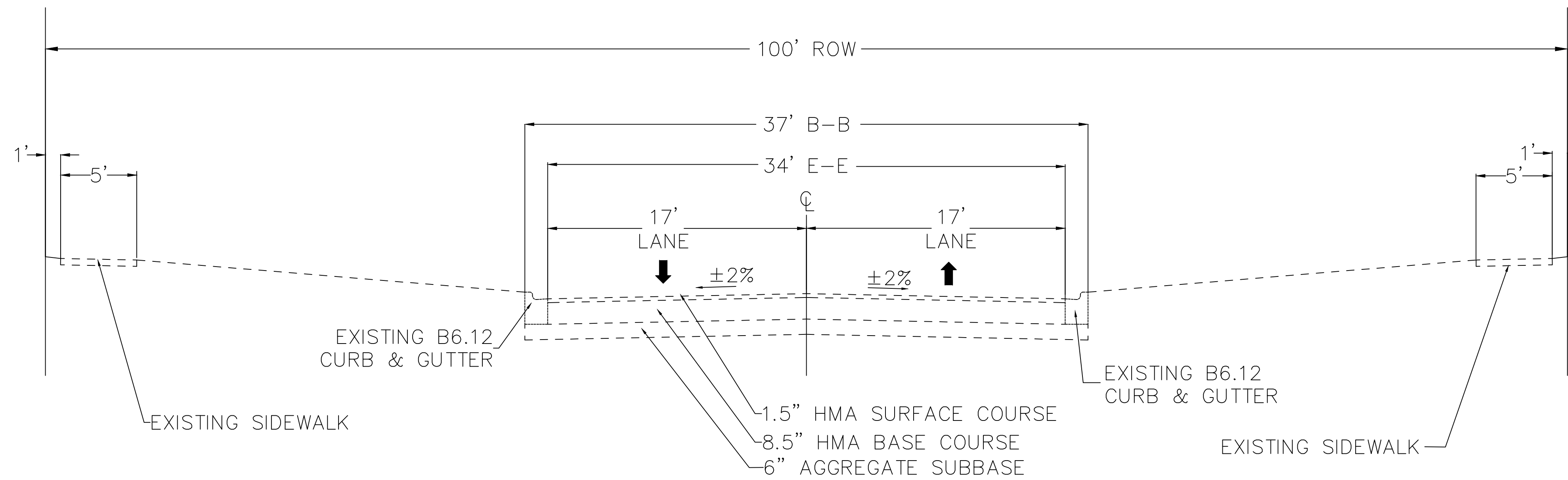
HIGHLAND BLVD

1 inch = 750 feet

Engineering Division  
Village of Hoffman Estates

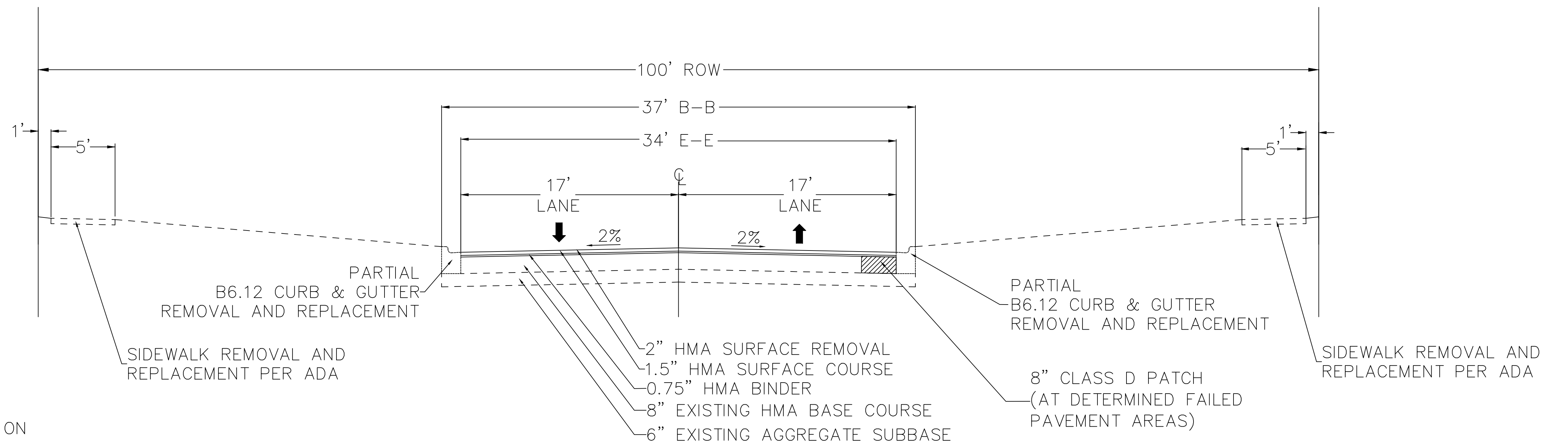


## EXISTING - HASSELL ROAD

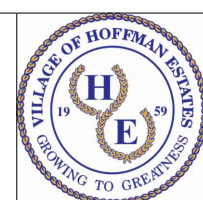


NOTE: ON-STREET PARKING PERMITTED ON BOTH SIDES OF STREET

## PROPOSED - HASSELL ROAD



NOTE: ON-STREET PARKING PERMITTED ON BOTH SIDES OF STREET



VILLAGE OF  
HOFFMAN ESTATES  
1900 Hassell Road, Hoffman Estates, IL 60169  
Phone Number: 847 252-5800

HASSELL ROAD (FAU 1100) FAIRWAY COURT TO ROSEDALE LANE TYPICAL SECTIONS

**IDOT/Village of Hoffman Estates Meeting Minutes**  
**Surface Transportation Program Resurfacing Project**  
**Hassell Road – Fairway Court to Rosedale Lane**  
**Route 1100**  
**February 4, 2022**

The meeting began at 10:40 a.m. via phone. The purpose was to present a proposal to use STP funds for resurfacing Hassell Road (Route 1100). On the phone were Alan Wenderski from the Village of Hoffman Estates and Alex Househ from IDOT.

Alan Wenderski provided an overview of the project scope and limits. Hassell Road is a major collector with one travel lane in each direction. The face to face curb width is 36 feet with on-street parking permitted on both sides of the street. The existing right-of-way (ROW) width is 100 feet. There is existing 5 foot wide sidewalk on both sides of the street along the entire segment. The development environment is generally residential with a junior high school located adjacent to the eastern limit. An elementary school located on Chippendale Road less than ¼ mile from Hassell Road. Existing curb extensions are present at the intersection of Chippendale Road and at the eastern limit of Rosedale Lane at crossing guard locations for the adjacent schools. The ADT on Hassell Road is 3,650 (2018) per IDOT

The basic work is to resurface Hassell Road, bring facilities to ADA compliance, spot curb and gutter repair, and pavement patching. All work to be completed within existing Village ROW. Hassell Road is part of the Village's Comprehensive Bicycle Plan and is currently signed as a bicycle route. Adjacent sections of Hassell Road are designated with shared lane markings/signage for bicyclists. Resurfacing is planned for 2024 or 2025.

After the meeting Gerardo Fierro assigned Section Number 22-00112-00-RS. Three copies of BLR 19100 will be submitted along with the location map and typical cross section. Phase I approval is expected as no issues were noted with the proposed scope.

The discussion of Hassell Road ended at 10:55 a.m.

Minutes prepared by Alan Wenderski.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. XXXXX		

# 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**

**INDEX OF SHEETS**  
FOR INDEX OF SHEETS, SEE SHEET NO. 2

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

**DESIGN SPEED:**  
HASSELL ROAD - 30 MPH

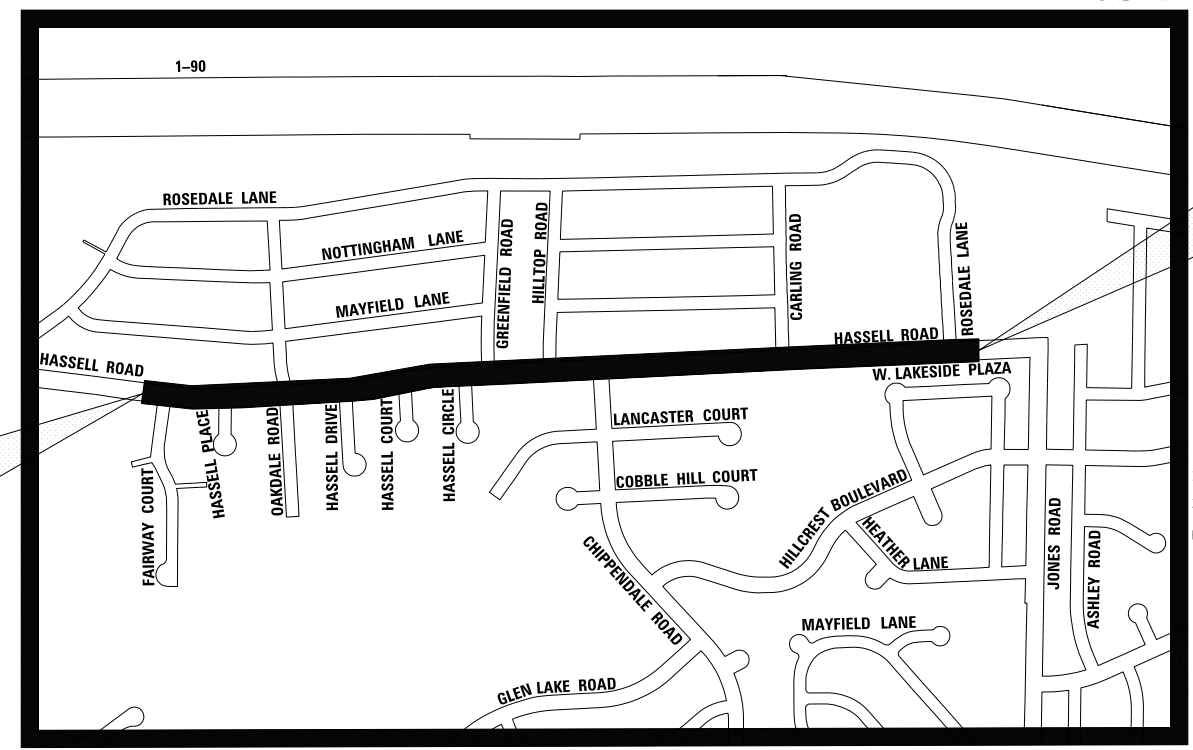
**POSTED SPEED:**  
HASSELL ROAD - 25 MPH

**DESIGN DESIGNATIONS:**  
HASSELL ROAD - 3,650 (2018) MAJOR COLLECTOR



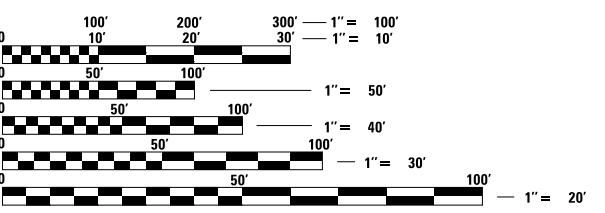
LOCATION OF SECTION INDICATED THIS: - [Black Rectangle] -

C-91-192-24  
R 10 E SCHAUMBURG TOWNSHIP 3RD PM



RESURFACING BEGINS  
STA. 100+67.58  
HASSELL ROAD

RESURFACING ENDS  
STA. 142+34.58  
HASSELL ROAD



LOCATION MAP  
NOT TO SCALE

**PROJECT LENGTH:**  
GROSS LENGTH - 4,167.00 FT. (0.789 MILE)  
NET LENGTH - 4,167.00 FT. (0.789 MILE)

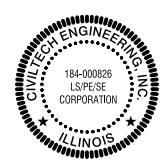
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

**J.U.L.I.E.**  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123 OR 811

**CONTRACT NO. XXXXX**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED _____	20 _____
VILLAGE OF HOFFMAN ESTATES DIRECTOR OF ENGINEERING	
PASSED _____	20 _____
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	20 _____
REGIONAL ENGINEER	

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



SIGNED \_\_\_\_\_  
DATE 9/06/2024



Two Pierce Place, Suite 1400 - Itasca, Illinois 60143  
Tel: 630.773.3900 - Fax: 630.773.3975  
www.civiltechinc.com

FEDERAL AID DESIGN PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES
3	GENERAL NOTES AND COMMITMENTS
4 TO 9	SUMMARY OF QUANTITIES
10	TYPICAL SECTIONS
11	ALIGNMENT, TIES, AND BENCHMARKS
12 TO 20	PROPOSED PLAN
21	MAINTENANCE OF TRAFFIC GENERAL NOTES
22 TO 40	ADA GRADING PLAN
41 TO 42	PAVEMENT MARKING AND SIGNING PLAN
43 TO 44	LANDSCAPING PLAN
45 TO 54	CONSTRUCTION DETAILS AND DISTRICT ONE DETAILS

## 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
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.
- 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 UTILITY 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.

PLAN	DATE
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
ROAD FILE NAME	
NOTE BOOK NO.	
BY	

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

MODEL: SMODELNAMER  
FILE NAME: ...3236 Gen Notes



Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
www.civiltechinc.com

DESIGNED -	KDC	REVISED -	
DRAWN -	JFG	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	9/06/2024	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES

SHEET 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	2
				CONTRACT NO. XXXXX
				ILLINOIS



PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATION SHOWN		

STORM & SANITARY SEWER

1. 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 PLACEMENT OF TRENCH BACKFILL.

STAKING

1. 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 THEIR LOCATIONS.
2. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
3. 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.
4. PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SIDEWALK, UNLESS OTHERWISE INDICATED.
5. THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.

EROSION CONTROL

1. 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 AGENCY.
2. 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 MEASURES.
3. 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.
4. 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.
5. 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.

MISCELLANEOUS

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.

**COMMITMENTS**

THERE ARE NO COMMITMENTS.

MODEL: SH06L1M1M05  
FILE NAME: ...33936 Gen Notes



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES AND COMMITMENTS**

SHEET 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	3
CONTRACT NO. XXXXX			ILLINOIS	

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	FIELD FILE NAME	

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

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					0005	0042
					RESURFACING	TRAINEES
					75% FEDERAL / 25% VILLAGE	75% FEDERAL / 25% VILLAGE
	20101000	TEMPORARY FENCE	FOOT	560	560	
X	20101200	TREE ROOT PRUNING	EACH	14	14	
X	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	7	7	
X	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	
X	21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	2995	2995	
X	25000100	SEEDING, CLASS 1	ACRE	0.75	0.75	
X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	57	57	
X	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	57	57	
X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	57	57	
X	25100630	EROSION CONTROL BLANKET	SQ YD	2995	2995	
X	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	

MODEL: SMODEL\MAMES  
FILE NAME: ...13236\_5th\_S00.dgn



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 1 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	4
CONTRACT NO. XXXXX				
ILLINOIS				

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

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

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					0005	0042
					RESURFACING	TRAINEES
					75% FEDERAL / 25% VILLAGE	75% FEDERAL / 25% VILLAGE
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	141	141	
	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	
	40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	50	50	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	196	196	
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	701	701	
	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	
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	16699	16699	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2355	2355	
	44000600	SIDEWALK REMOVAL	SQ FT	29764	29764	
	44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	65	65	
	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	303	303	

MODEL: SMODEL\MAMES  
FILE NAME: ...13236\_5th\_S006.dgn



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SHEET 2 OF 6 SHEETS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	5
CONTRACT NO. XXXXX				
ILLINOIS				

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

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

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					0005	0042
					RESURFACING	TRAINEES
					75% FEDERAL / 25% VILLAGE	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	
	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	

MODEL: SMODEL\MAMES  
FILE NAME: ...132326\_5th\_500.dgn



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 3 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	6
CONTRACT NO. XXXXX				
ILLINOIS				

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

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

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					0005	0042
					RESURFACING	TRAINEES
					75% FEDERAL / 25% VILLAGE	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	
	60500060	REMOVING INLETS	EACH	5	5	
	67100100	MOBILIZATION	L SUM	1	1	
X	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
X	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
X	70300100	SHORT TERM PAVEMENT MARKING	FOOT	3307	3307	
X	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1091	1091	
X	72000100	SIGN PANEL - TYPE 1	SQ FT	17	17	
X	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3	
X	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1	
X	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3	
X	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1	
X	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	132	132	

MODEL: SMODEL\MAMES  
FILE NAME: ...13236\_5th\_S00.dgn



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 4 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	7
ILLINOIS			CONTRACT NO. XXXXX	

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

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

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					0005	0042
					RESURFACING	TRAINEES
					75% FEDERAL / 25% VILLAGE	75% FEDERAL / 25% VILLAGE
X	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1487	1487	
X	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1053	1053	
X	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	36	36	
X	78200020	CURB REFLECTORS	EACH	14	14	
	K1005481	SHREDDED BARK MULCH 3"	SQ YD	3	3	
	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	
X	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	

MODEL: SMODEL\MAMES  
FILE NAME: ...13838\_5th\_500.dgn



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 5 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	8
CONTRACT NO. XXXXX				
ILLINOIS				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

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

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					0005	0042
					RESURFACING	TRAINEES
					75% FEDERAL / 25% VILLAGE	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	
	Z0076600	TRAINEES	HOUR	500		500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		500

MODEL: SMODEL\MAMES  
FILE NAME: ...132326\_5th\_S006.dgn



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**STATE OF ILLINOIS  
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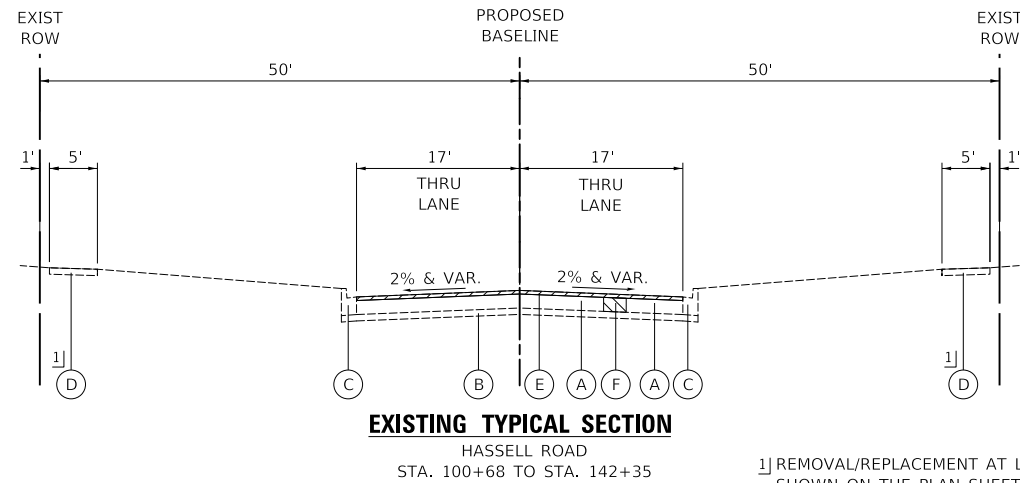
**SUMMARY OF QUANTITIES**

SHEET 6 OF 6 SHEETS

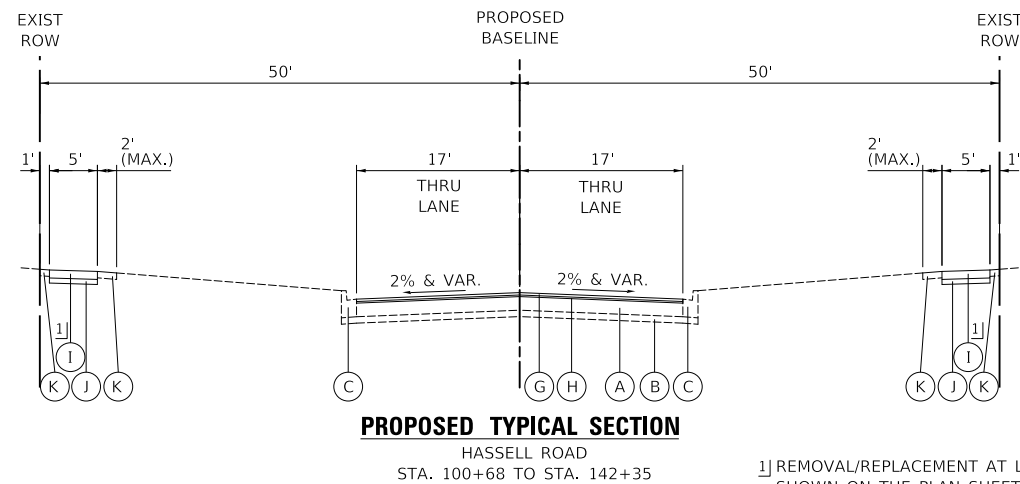
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	9
CONTRACT NO. XXXXX				
ILLINOIS				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATION	



1] REMOVAL/REPLACEMENT AT LOCATIONS SHOWN ON THE PLAN SHEETS AND AS DIRECTED BY THE ENGINEER



1] REMOVAL/REPLACEMENT AT LOCATIONS SHOWN ON THE PLAN SHEETS AND AS DIRECTED BY THE ENGINEER

**LEGEND**

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



HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
<b>PROPOSED RESURFACING</b>		
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, ¾"	3.5% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50 (IL-9.5mm) (DEPTH VARIES 1"-4")	4% @ 50 GYR.	LR 1030-2
<b>PROPOSED DRIVEWAY</b>		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"	4% @ 50 GYR.	LR 1030-2
<b>CLASS D PATCHES</b>		
CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ 70 GYR.	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.
2. 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.

MODEL: SHODLNAME  
FILE NAME: ...03-TYPICAL03B36.Typ



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

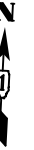
NOT TO SCALE SHEET 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	10
CONTRACT NO. XXXXX				
ILLINOIS				



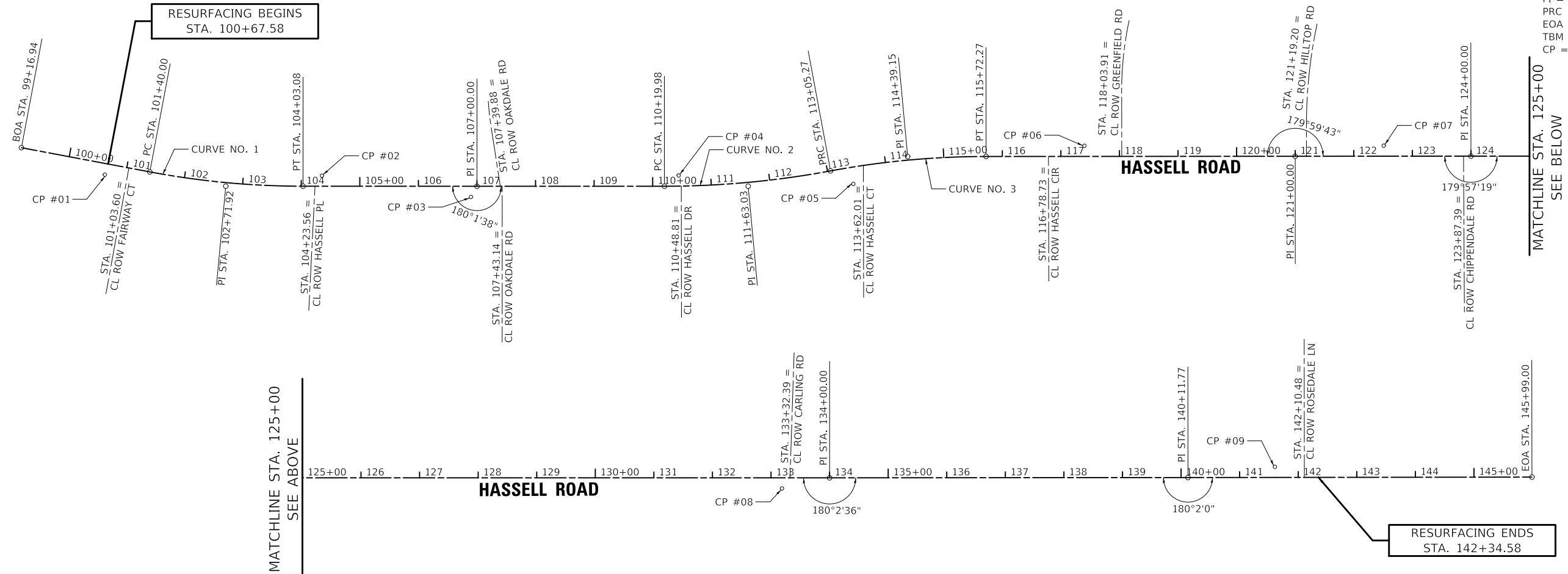
NOTE:

BOA = BEGINNING OF ALIGNMENT  
 PC = POINT OF CURVATURE  
 PT = POINT OF TANGENCY  
 PI = POINT OF INTERSECTION  
 PRC = POINT OF REVERSE CURVATURE  
 EOA = END OF ALIGNMENT  
 TBM = TEMPORARY BENCHMARK  
 CP = CONTROL POINT



PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES	
	CHECKED	
	STRUCTURE	
	NOTARIS	



### HASSELL ROAD ALIGNMENT DATA

POINT	STATION	NORTHING	EASTING
BOA	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)
$D = 4^\circ 02' 57.02''$	$D = 3^\circ 41' 47.41''$	$D = 3^\circ 56' 16.28''$
$R = 1,415.00'$	$R = 1,550.00'$	$R = 1,455.00'$
$T = 131.92'$	$T = 143.05'$	$T = 133.88'$
$L = 263.08'$	$L = 285.29'$	$L = 267.00'$
$E = 6.14'$	$E = 6.59'$	$E = 6.15'$
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

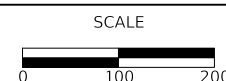
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DRAWN - JFG	REVISED -
CHECKED - DIK	REVISED -
DATE - 9/06/2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



#### ALIGNMENT, TIES, AND BENCHMARKS

SHEET 1 OF 1 SHEETS STA. 99+16.94 TO STA. 145+99.00






F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	11
CONTRACT NO. XXXXX				
ILLINOIS				



NOTES

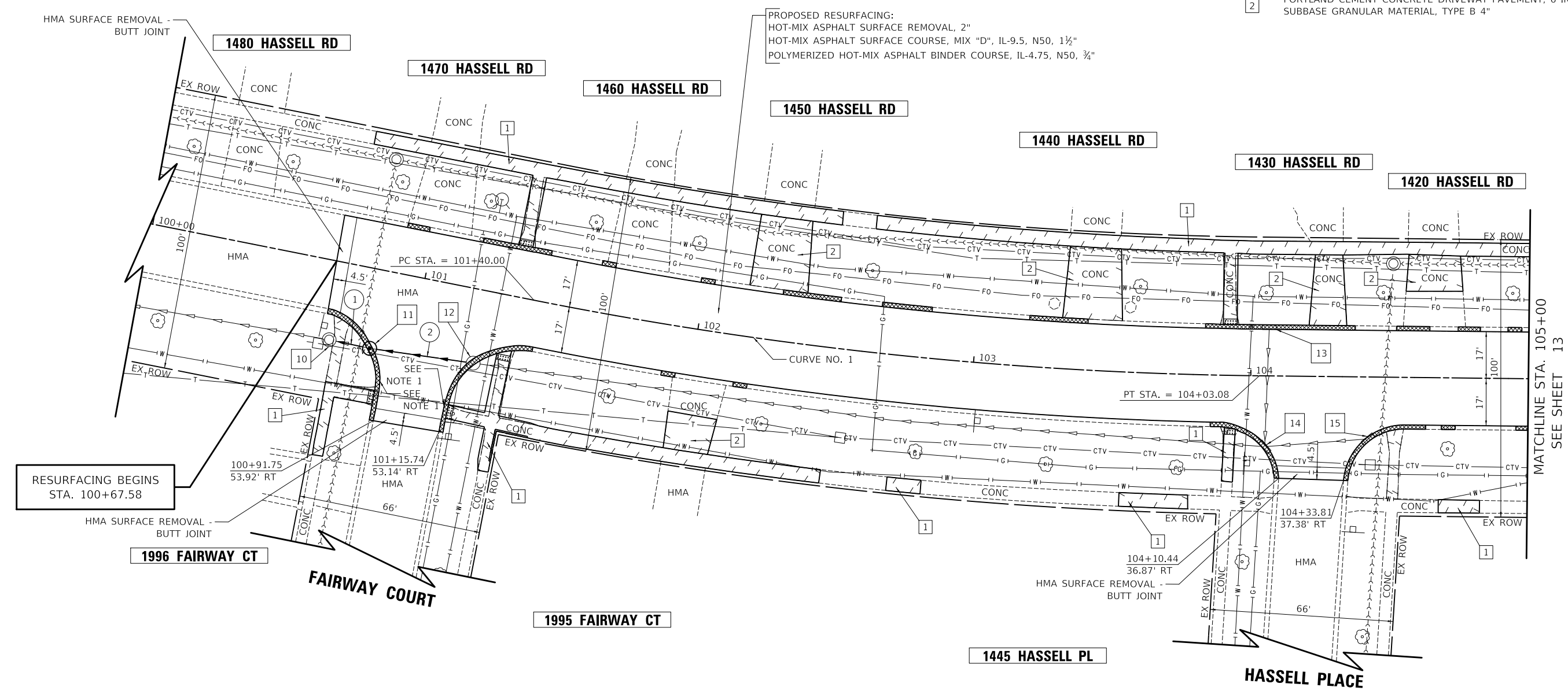
- 1) A QUANTITY OF HMA BINDER COURSE (HAND METHOD) N50 AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR ADJUSTMENTS TO THE EDGE OF PAVEMENT GRADES REQUIRED TO MEET ADA REQUIREMENTS.
- 2) THE FINISHED HMA SURFACE SHALL BE 1/4" ABOVE THE EDGE OF CURB PER IDOT HIGHWAY STANDARD 606001.

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"

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
CONC. FILE NAME	
PLAN	
NOTE BOOK NO.	

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



- 1 13' - STORM SEWER REM 18" 12' - 16" S.S. W.M.R. @ 13.5% T.B.F. = 3.3 CU YD
- 2 35' - STORM SEWER REM 12" 33' - 12" S.S. W.M.R. @ 2.3% T.B.F. = 4.4 CU YD

- 10 STA. 101+70.46, 28.4' RT EXISTING MH INV = 800.38 (EX. 16" E) INV = 800.18 (EX 18" W)
- 11 STA. 100+86.08, 28.0' RT INLET TO BE REMOVED MH T-A, 4' DIA., T-3 F&G RIM = 804.83 INV = 802.10 (12" E) INV = 802.00 (16" W)

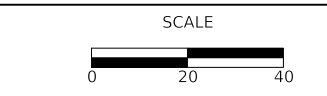
- 12 STA. 101+22.04, 25.7' RT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G INV = 802.85 (EX. 12" W)
- 13 STA. 104+06.44, 16.9' LT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G

- 14 STA. 104+05.77, 25.1' RT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G
- 15 STA. 104+42.10, 21.8' RT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G

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DATE -	9/06/2024	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



PROPOSED PLAN	
SHEET 1 OF 9 SHEETS	STA. 100+67.58 TO STA. 105+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	12
CONTRACT NO. XXXXX				ILLINOIS


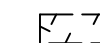



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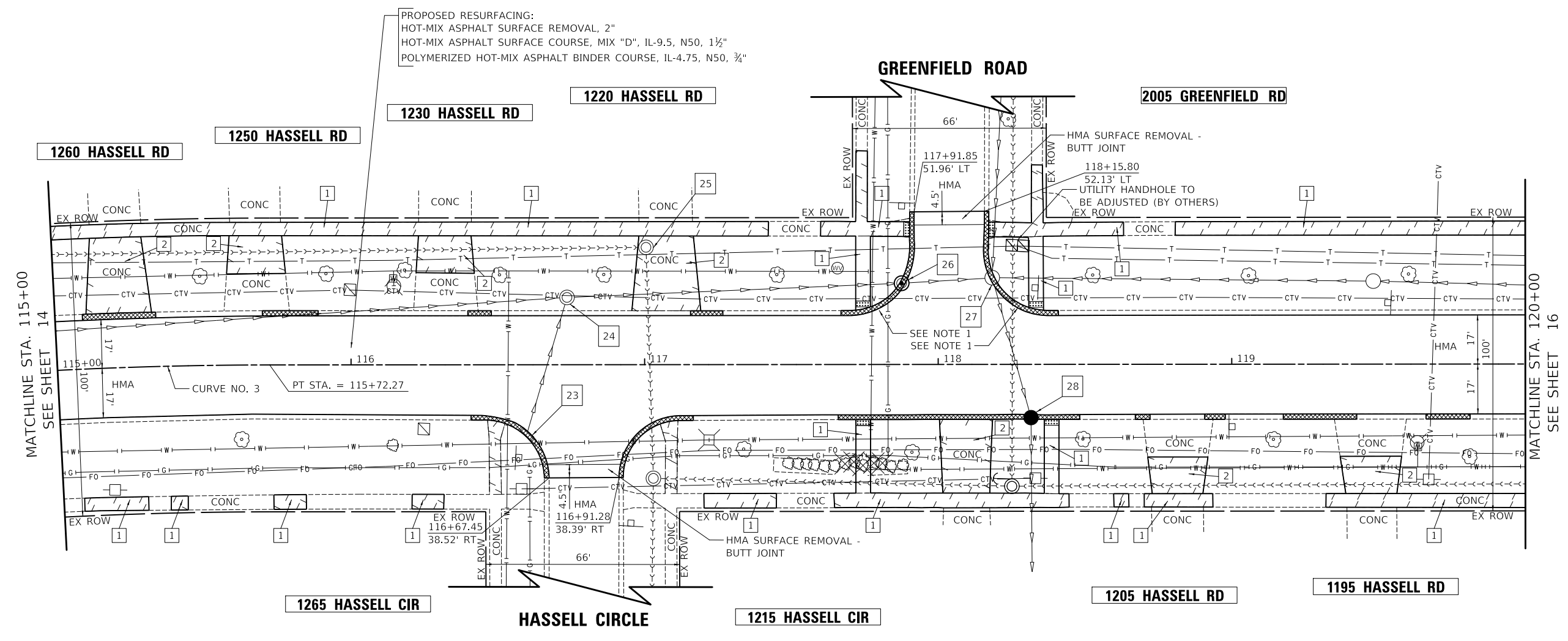
**LEGEND**

-  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 (HAND METHOD) N50 AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR ALTERED EDGE OF PAVEMENT GRADE.

DATE	
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- 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)

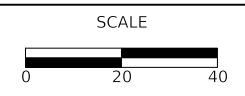
HASSELL ROAD



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DESIGNED	-	KDC	REVISED	-
DRAWN	-	JFG	REVISED	-
CHECKED	-	DJK	REVISED	-
DATE	-	9/06/2024	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION








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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	15
CONTRACT NO. XXXXX				ILLINOIS

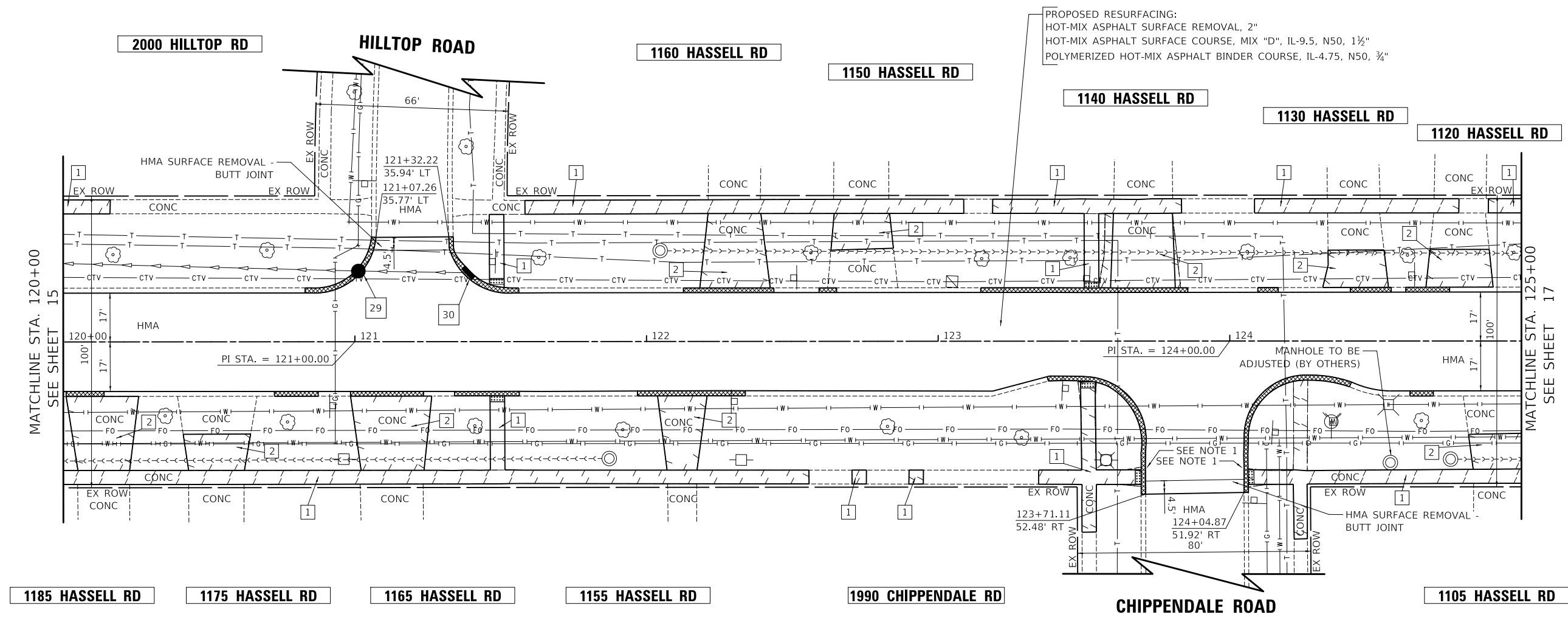
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**LEGEND**

-  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 (HAND METHOD) N50 AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO ACCOUNT FOR ALTERED EDGE OF PAVEMENT GRADE.



PROPOSED RESURFACING:  
 HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1 1/2"  
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"

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)

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

MATCHLINE STA. 120+00  
 SEE SHEET 15

MATCHLINE STA. 125+00  
 SEE SHEET 17

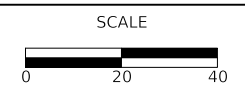
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DRAWN -	JFG	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	9/06/2024	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**








<b>PROPOSED PLAN</b>	
SHEET 5 OF 9 SHEETS	STA. 120+00.00 TO STA. 125+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	16
				CONTRACT NO. XXXXX
ILLINOIS				

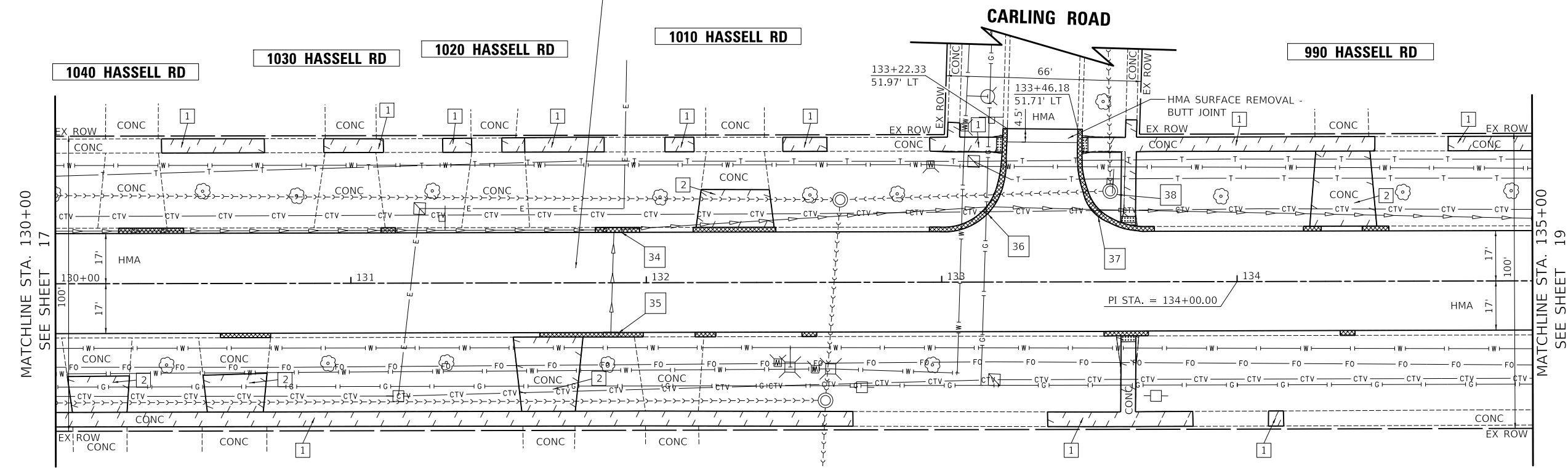









**LEGEND**

-  REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)
-  SIDEWALK OR DRIVEWAY REMOVAL
-  DETECTABLE WARNINGS
-  1 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)
-  2 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, 1 1/2"  
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"



1035 HASSELL RD    1025 HASSELL RD    1015 HASSELL RD    1005 HASSELL RD

-  34 STA. 131+89.07, 17.1' LT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G
-  35 STA. 131+87.96, 16.9' RT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3 F&G
-  36 STA. 133+17.14, 25.0' LT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3V F&G
-  37 STA. 133+51.25, 23.8' LT DRAINAGE AND UTILITY STRUCTURE TO BE ADJUSTED NEW T-3V F&G
-  38 STA. 133+57.14, 30.8' LT SAN MH TO BE ADJUSTED NEW T-1 FRAME, CLOSED LID

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

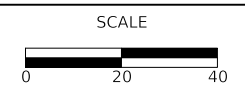
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DATE -	9/06/2024	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**PROPOSED PLAN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	18
				CONTRACT NO. XXXXX
ILLINOIS				

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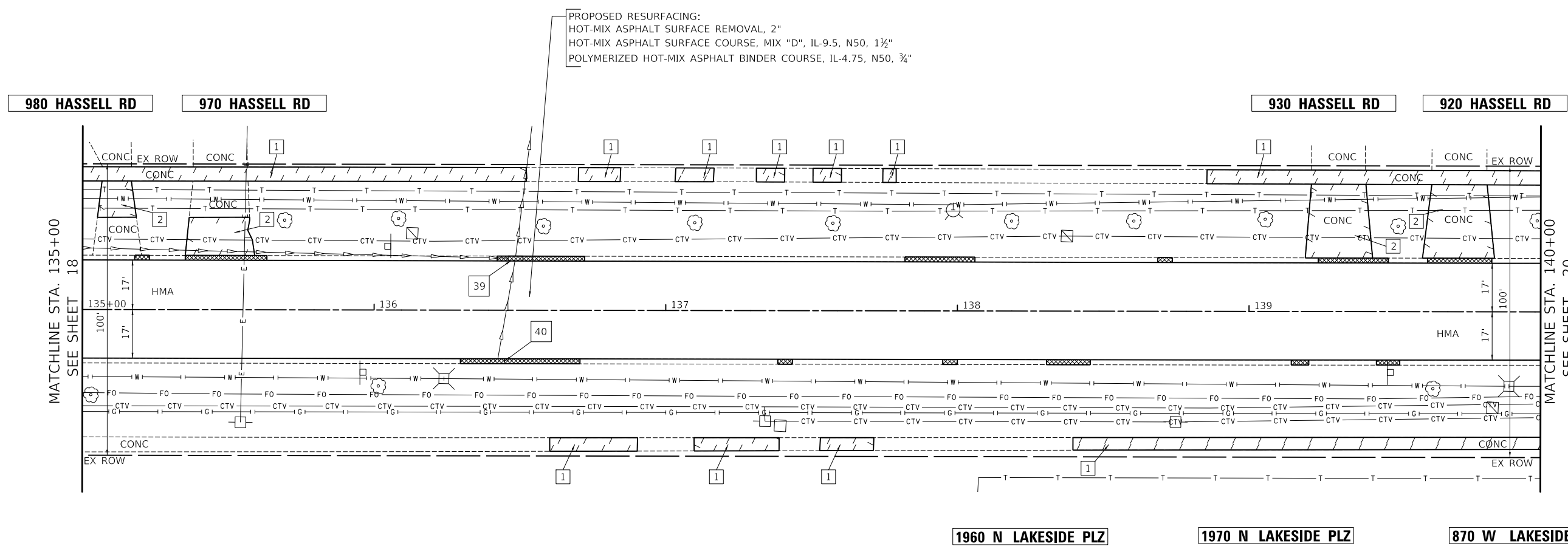


**LEGEND**

- REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)
- SIDEWALK OR DRIVEWAY REMOVAL
- DETECTABLE WARNINGS
- 1 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)
- 2 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL)  
SUBBASE GRANULAR MATERIAL, TYPE B 4"

<b>PLAN</b>	<b>DATE</b>
SURVEYED _____ PLOTTED _____ ALIGNMENT CHECKED _____ CADD FILE NAME _____ NO. _____	
BY _____ NO. _____	

<b>PROFILE</b>	<b>DATE</b>
SURVEYED _____ PLOTTED _____ GRADES CHECKED _____ STRUCTURE NOTATIONS CHECKED _____ NO. _____	
BY _____ NO. _____	



1960 N LAKESIDE PLZ
1970 N LAKESIDE PLZ
870 W LAKESIDE PLZ

- 39 STA. 136+48.42, 16.9' LT  
DRAINAGE AND UTILITY  
STRUCTURE TO BE ADJUSTED  
NEW T-3 F&G
- 40 STA. 136+42.31, 16.7' RT  
DRAINAGE AND UTILITY  
STRUCTURE TO BE ADJUSTED  
NEW T-3 F&G

HASSELL ROAD

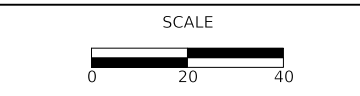
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DESIGNED - KDC	REVISED -
DRAWN - JFG	REVISED -
CHECKED - DJK	REVISED -
DATE - 9/06/2024	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**






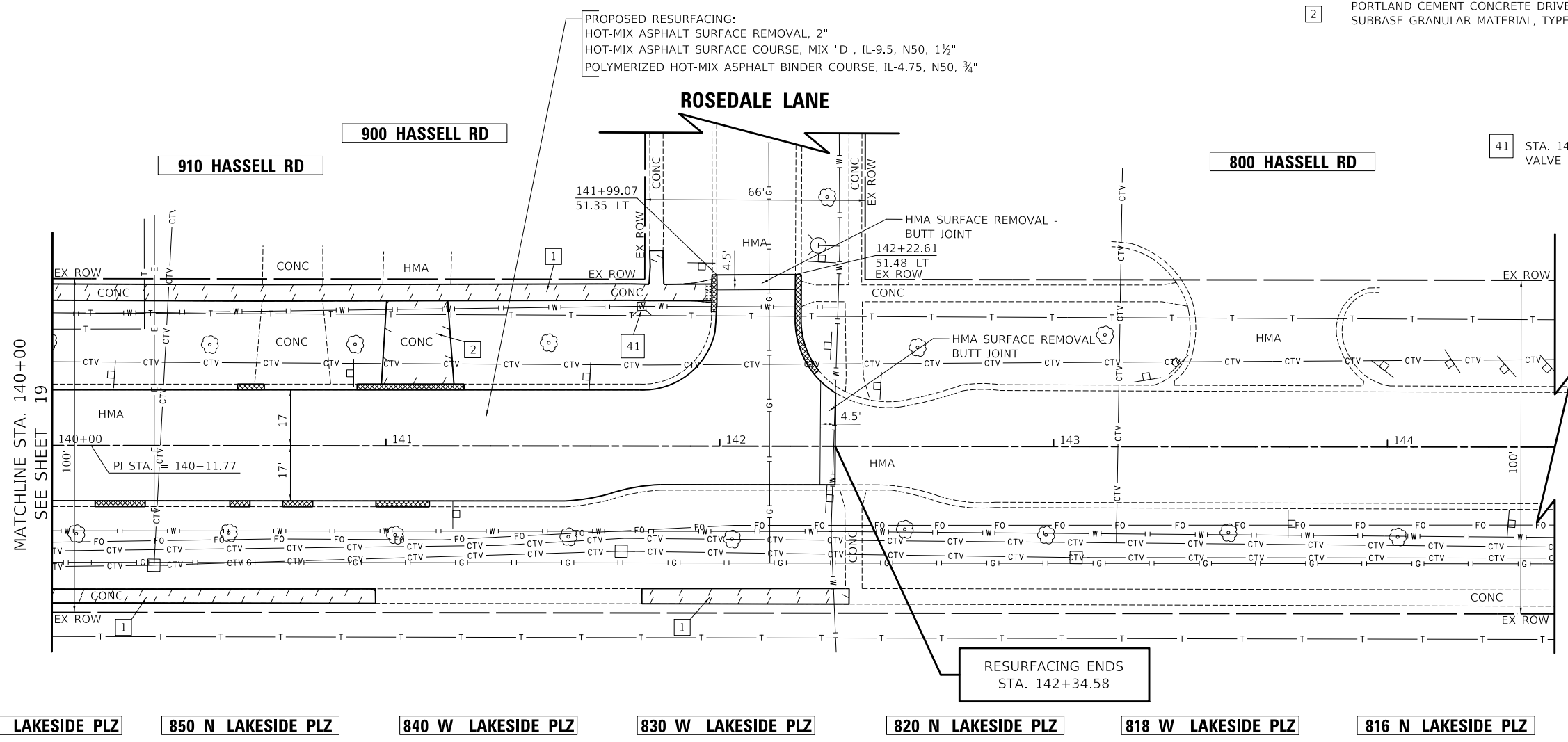
<b>PROPOSED PLAN</b>	
SHEET 8 OF 9 SHEETS	STA. 135+00.00 TO STA. 140+00.00

F.A.U. RTE. 1100	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 54	SHEET NO. 19	CONTRACT NO. XXXXX
ILLINOIS					



**LEGEND**

-  REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)
-  SIDEWALK OR DRIVEWAY REMOVAL
-  DETECTABLE WARNINGS
- 1 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)
- 2 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SPECIAL)  
SUBBASE GRANULAR MATERIAL, TYPE B 4"



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	CONC. FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

MATCHLINE STA. 140+00  
SEE SHEET 19

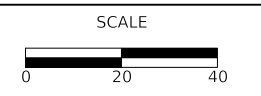
HASSELL ROAD



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DRAWN -	JFG	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	9/06/2024	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



<b>PROPOSED PLAN</b>	
SHEET 9 OF 9 SHEETS	STA. 140+00.00 TO STA. 142+34.58

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	20
CONTRACT NO. XXXXX				
ILLINOIS				

MODEL: SMODEL\MAMES  
FILE NAME: ...339361e1t.dgn

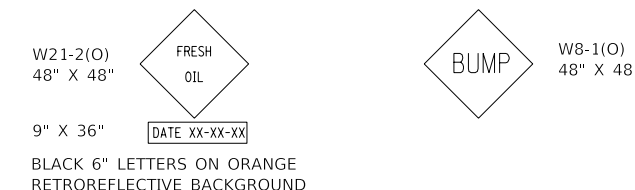
**MAINTENANCE OF TRAFFIC GENERAL NOTES**

- 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.
- 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. FLAGS ARE OPTIONAL.
- 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.
- 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.
- FLASHING ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES, AND SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM BEING USED AT THE TIME THE SIGNS ARE REQUIRED.
- 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**

- 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".
- 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.
- WHEN DIRECTED BY THE ENGINEER, THE PAY ITEM HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50 SHALL BE USED TO FILL IN THE GAP BETWEEN THE REPLACED CURB AND GUTTER AND THE EXISTING PAVEMENT PRIOR TO MILLING OF THE EXISTING SURFACE. THE MAXIMUM WIDTH FOR PAYMENT SHALL BE 6".

**CONSTRUCTION SIGNS**



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**

- 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.
- 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.
- 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.
- INSTALL BINDER AND HMA SURFACE.
- INSTALL PERMANENT PAVEMENT MARKINGS AND SIGNING.
- REMOVE EROSION CONTROL AND TRAFFIC CONTROL.

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	ROAD FILE NAME	

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

MODEL: SMODEL\MAMES  
FILE NAME: ...3393E-MDT-Notes.dgn

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DATE - 9/06/2024	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MAINTENANCE OF TRAFFIC GENERAL NOTES</b>	
SHEET 1 OF 1 SHEETS	

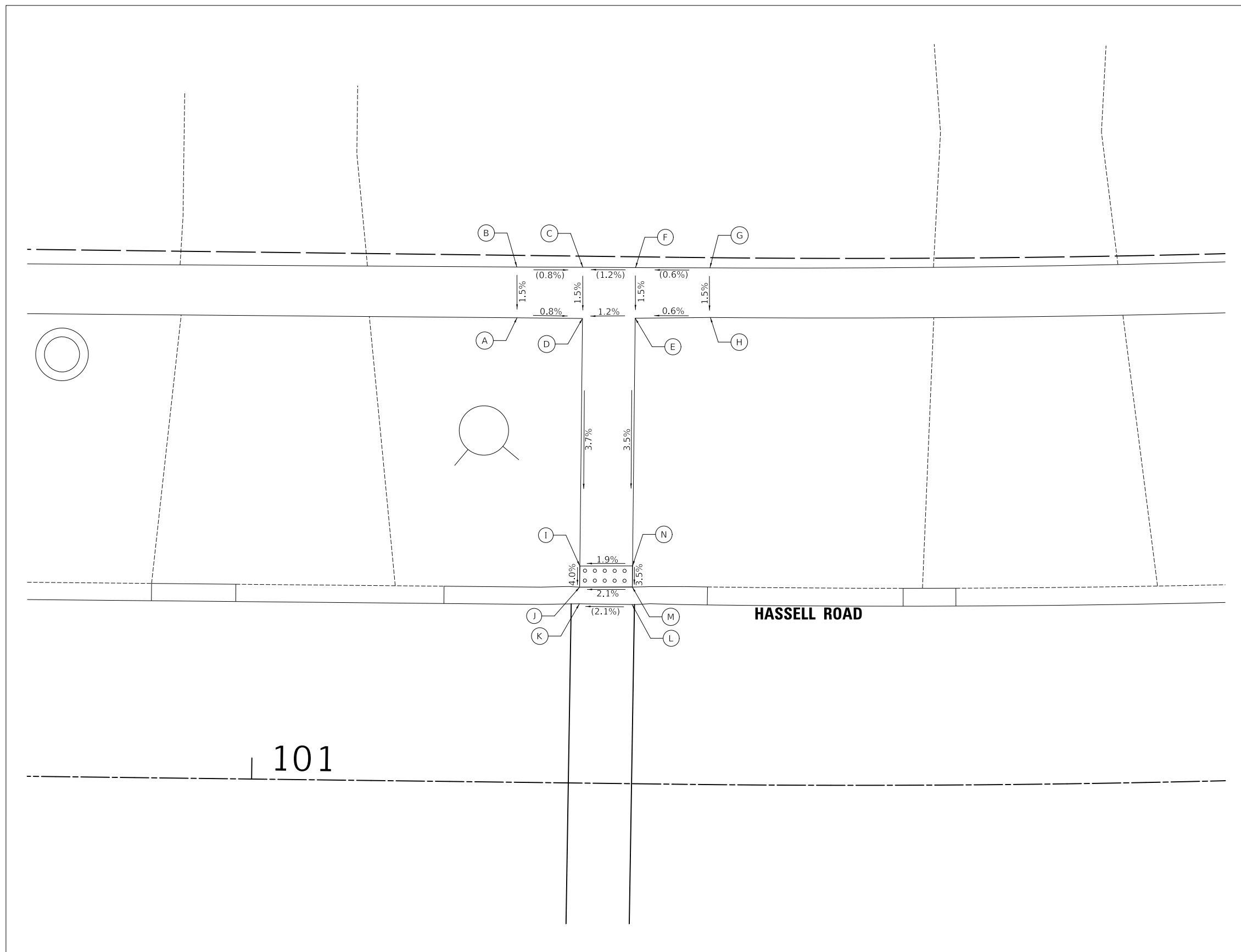
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	21
CONTRACT NO. XXXXX				
ILLINOIS				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

N SIDE OF HASSELL ROAD AT FAIRWAY COURT			
	STATION	OFFSET	ELEVATION
A	101+24.65	44.08'LT	807.13
B	101+24.57	48.89'LT	(807.20)
C	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)
H	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)
M	101+35.89	18.66'LT	806.24
N	101+35.89	20.66'LT	806.31



**LEGEND**

	DETECTABLE WARNINGS
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION

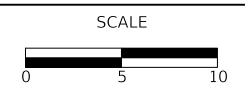
**N SIDE OF HASSELL ROAD AT FAIRWAY COURT**



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**ADA GRADING PLAN**

SHEET 1 OF 19 SHEETS

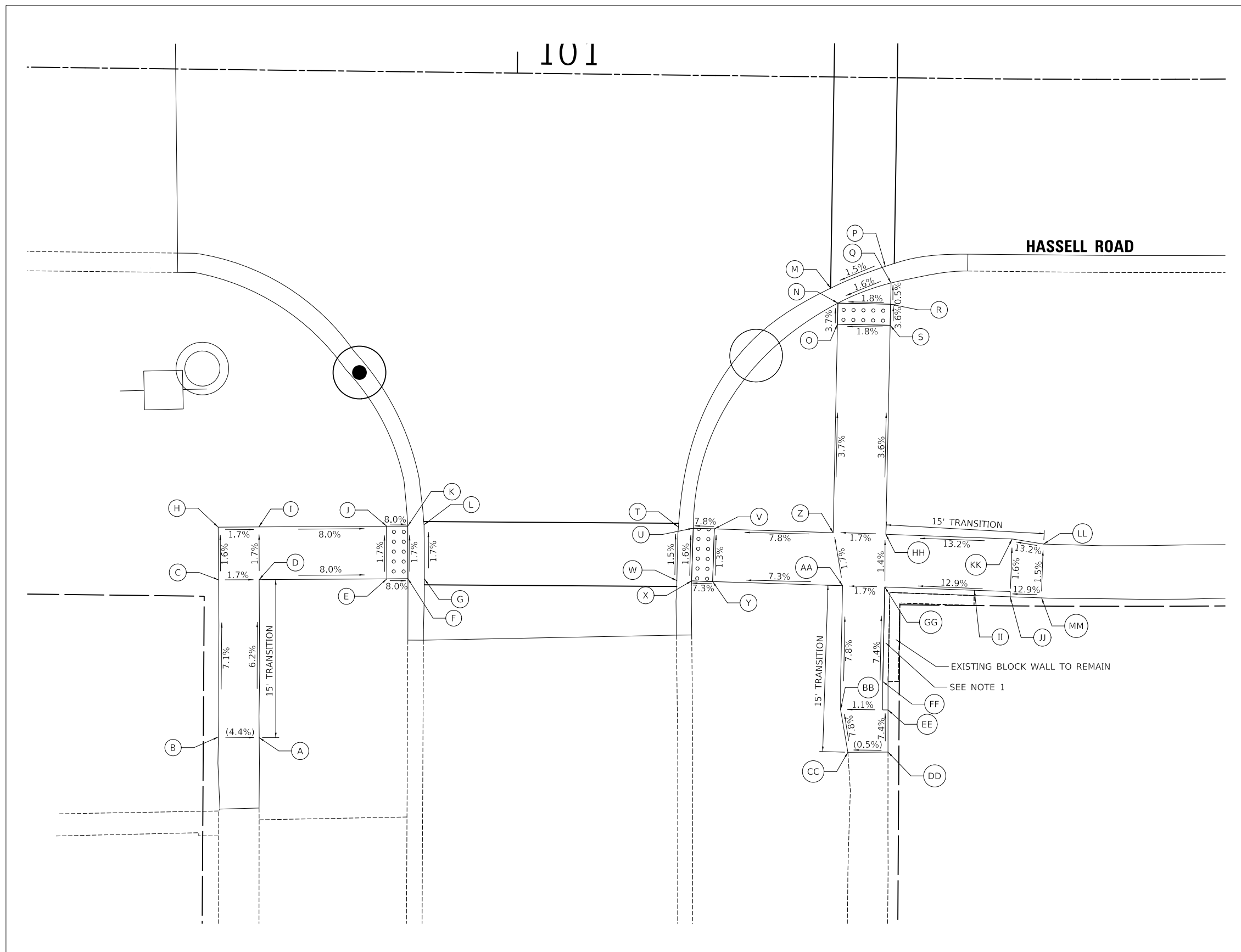
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	22
CONTRACT NO. XXXXX				
ILLINOIS				

MODEL: SMODEL\MAMES  
FILE NAME: ...112-Grading Plans\3836-sh1-ADA



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
NOTE BOOK NO.	STRUCTURE NOTATIONS CHECKED	



**S CORNERS OF HASSELL ROAD AND FAIRWAY COURT**

S CORNERS OF HASSELL ROAD AND FAIRWAY COURT				TOP OF CURB ELEVATION
	STATION	OFFSET	ELEVATION	
A	100+76.28	63.36'RT	(807.56)	
B	100+72.41	63.34'RT	(807.73)	
C	100+72.24	48.43'RT	806.69	
D	100+76.09	48.36'RT	806.62	
E	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	
H	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	
M	101+29.98	20.04'RT	805.78	
N	101+30.68	21.45'RT	805.77	
O	101+30.66	23.45'RT	805.85	
P	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	
T	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)	
X	101+17.12	47.98'RT	805.61	
Y	101+19.12	48.02'RT	805.75	
Z	101+30.49	43.24'RT	806.57	
AA	101+31.45	48.26'RT	806.66	
BB	101+31.41	60.02'RT	807.58	
CC	101+32.15	64.00'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
HH	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**

- 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

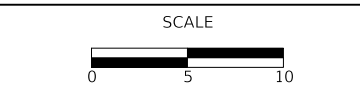
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DATE -	9/06/2024	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**ADA GRADING PLAN**

SHEET 2 OF 19 SHEETS

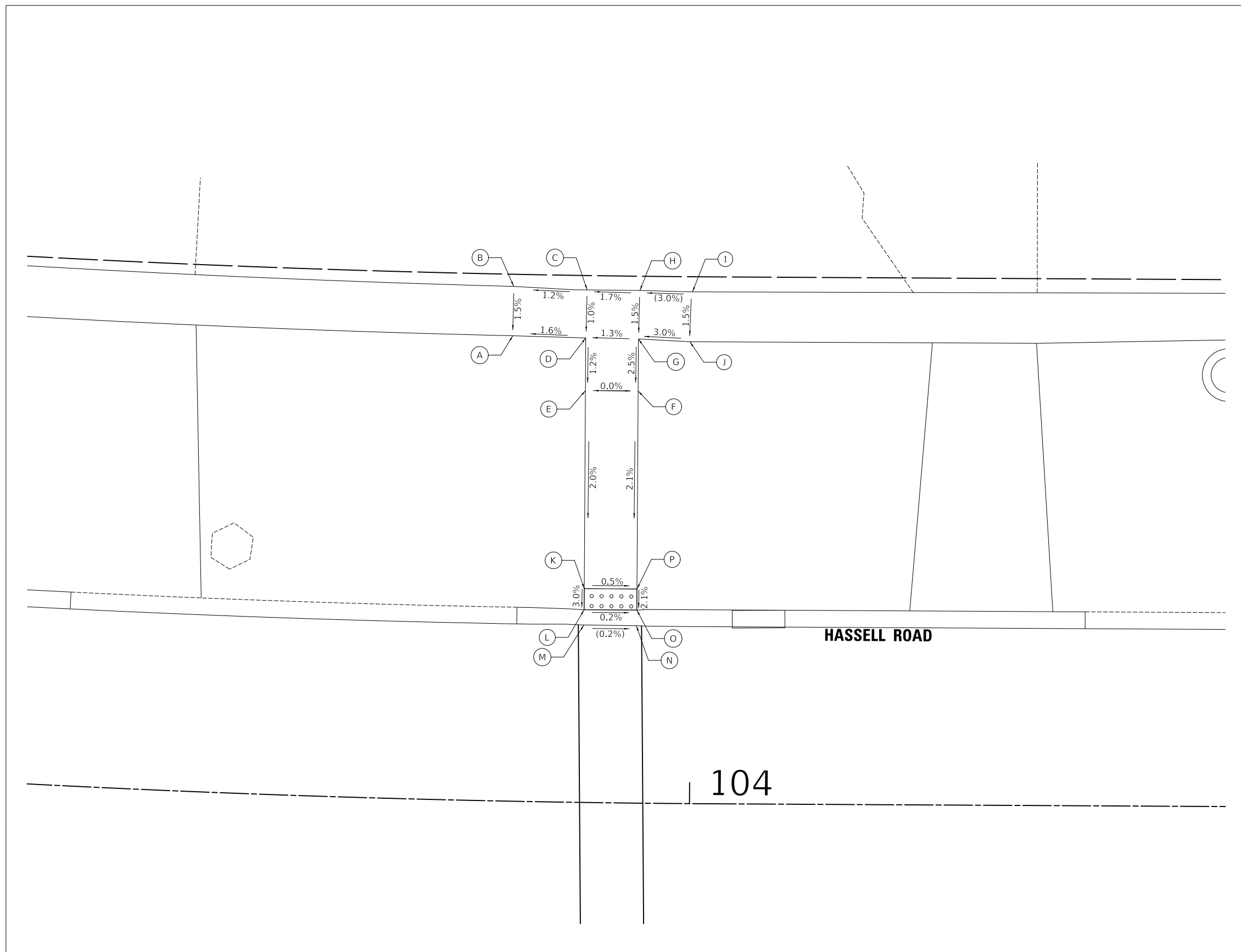
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	23
ILLINOIS			CONTRACT NO. XXXXX	



N SIDE OF HASSELL ROAD AT HASSELL PLACE			
	STATION	OFFSET	ELEVATION
A	103+82.41	44.16'LT	812.04
B	103+82.37	48.85'LT	(812.11)
C	103+89.57	48.64'LT	812.19
D	103+89.50	44.08'LT	812.15
E	103+89.54	39.08'LT	812.09
F	103+94.69	39.11'LT	812.09
G	103+94.66	44.05'LT	812.21
H	103+94.75	48.65'LT	(812.28)
I	103+99.91	48.56'LT	(812.43)
J	103+99.70	43.83'LT	812.36
K	103+89.72	20.28'LT	811.72
L	103+89.73	18.28'LT	811.66
M	103+89.73	16.84'LT	(811.67)
N	103+94.77	16.83'LT	(811.66)
O	103+94.80	18.32'LT	811.65
P	103+94.79	20.32'LT	811.69

PLAN	SURVEYED	DATE
NOTE BOOK NO.	BY	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	BY	



N SIDE OF HASSELL ROAD AT HASSELL PLACE

**LEGEND**

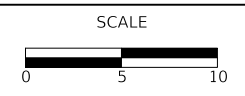
	DETECTABLE WARNINGS
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION

MODEL: SMODEL\MAMES  
FILE NAME: ...112-Grading Plans\3836-sh1-ADA

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DATE - 9/06/2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**ADA GRADING PLAN**

SHEET 3 OF 19 SHEETS

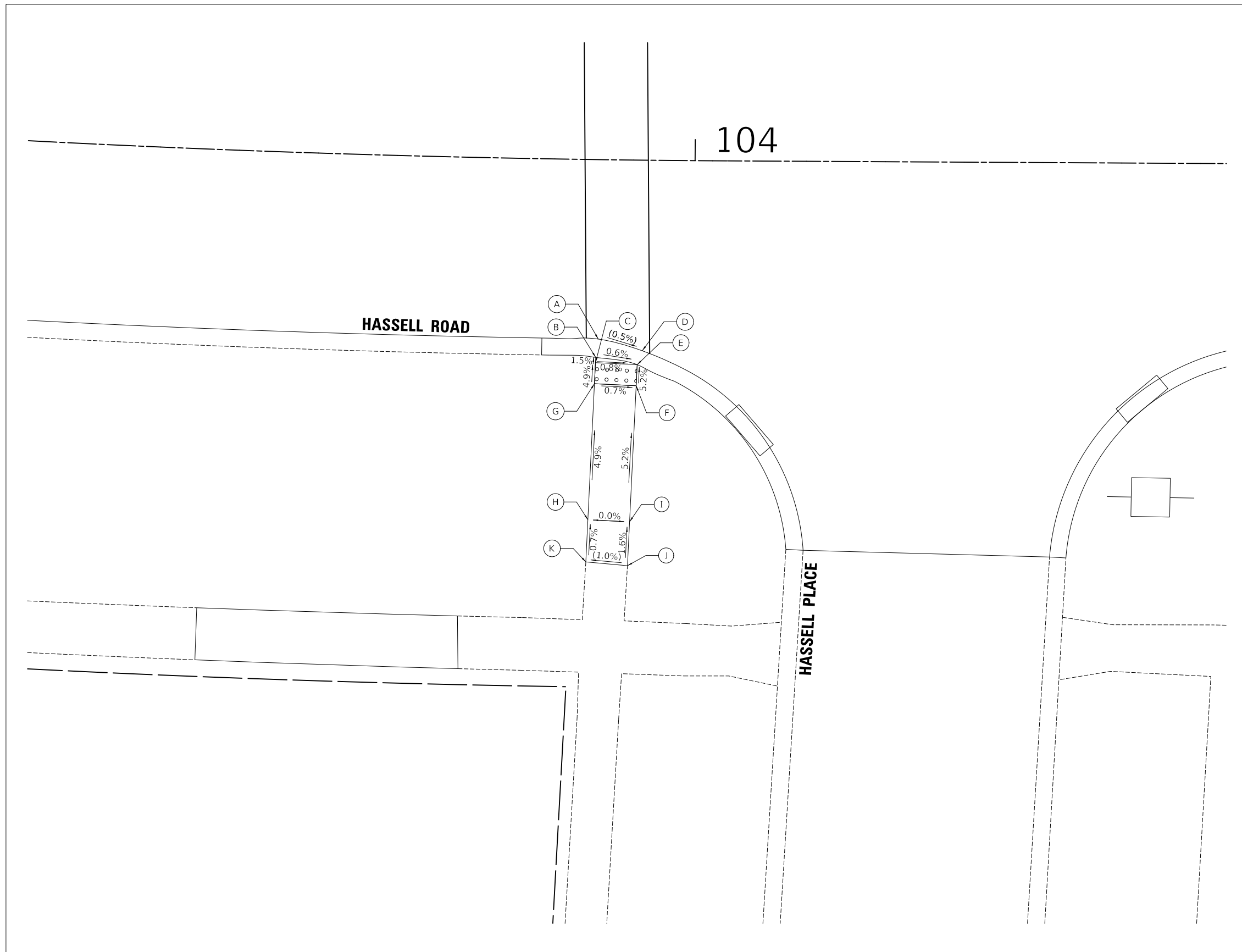
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	24
CONTRACT NO. XXXXX				
ILLINOIS				



SW CORNER OF HASSELL ROAD AND HASSELL PLACE			
	STATION	OFFSET	ELEVATION
A	103+91.04	17.01'RT	(811.79)
B	103+90.84	18.75'RT	811.78
C	103+90.82	19.25'RT	811.79
D	103+95.18	18.07'RT	(811.76)
E	103+94.73	19.39'RT	811.75
F	103+94.65	21.39'RT	811.86
G	103+90.76	21.24'RT	811.89
H	103+90.33	34.15'RT	812.52
I	103+94.19	34.29'RT	812.52
J	103+94.04	38.45'RT	(812.59)
K	103+90.19	38.14'RT	(812.55)


PLAN	DATE
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ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
CADD FILE NAME	
NOTE BOOK NO.	

PROFILE	DATE
SURVEYED	BY
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	



SW CORNER OF HASSELL ROAD AND HASSELL PLACE

**LEGEND**

-  DETECTABLE WARNINGS
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

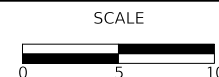
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ADA GRADING PLAN

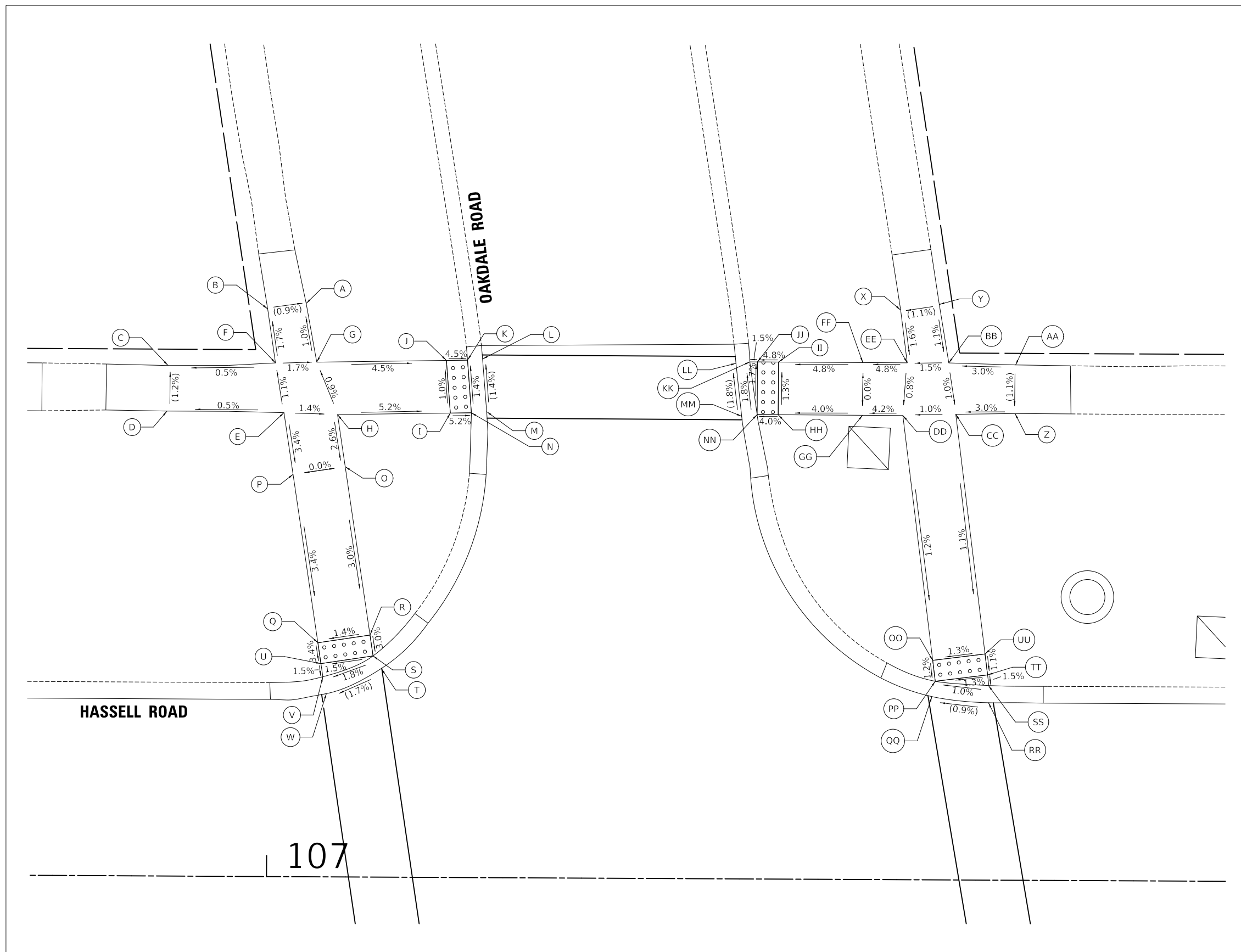
SHEET 4 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	25
				CONTRACT NO. XXXXX
ILLINOIS				



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	ALIGNED	CHECKED
	NOTE BOOK	NO.
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	NOTE BOOK	NO.
	FILE NAME	



N CORNERS OF HASSELL ROAD AND OAKDALE ROAD			
	STATION	OFFSET	ELEVATION
A	107+03.50	54.41'LT	(815.60)
B	106+99.82	53.87'LT	(815.63)
C	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
H	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)
M	107+20.67	44.22'LT	(815.05)
N	107+19.22	44.11'LT	815.04
O	107+07.27	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+09.71	22.97'LT	815.10
S	107+10.01	20.99'LT	815.04
T	107+10.79	19.80'LT	(815.05)
U	107+05.06	20.24'LT	814.96
V	107+05.25	18.99'LT	814.94
W	107+05.59	17.39'LT	(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
OO	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

**N CORNERS OF HASSELL ROAD AND OAKDALE ROAD**

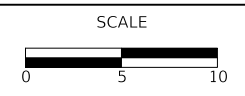
107



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DATE	-	9/06/2024	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**ADA GRADING PLAN**

SHEET 5 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	26
			CONTRACT NO. XXXXX	
ILLINOIS				

MODEL: SH06LNAME5 FILE NAME: ...112-Grading Plans13836-sh1-ADA





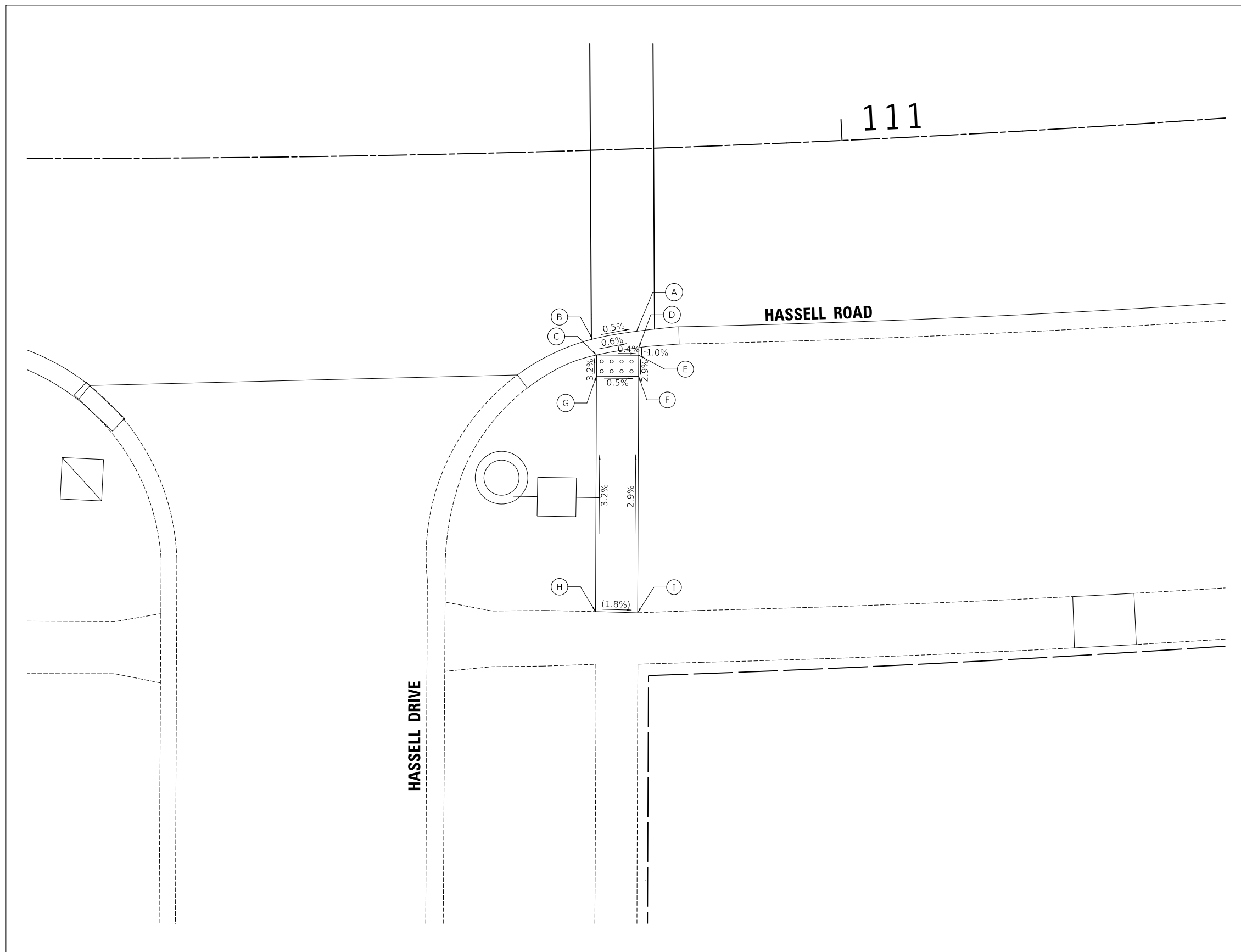




PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	BY	
	NO.	


PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	BY	
	NO.	

SE CORNER OF HASSELL ROAD AND HASSELL DRIVE			
	STATION	OFFSET	ELEVATION
A	110+79.91	17.31'RT	(813.70)
B	110+75.76	17.92'RT	(813.72)
C	110+76.09	19.44'RT	813.71
D	110+80.07	18.87'RT	813.69
E	110+80.04	19.58'RT	813.70
F	110+79.96	21.58'RT	813.75
G	110+76.02	21.43'RT	813.77
H	110+75.25	43.77'RT	(814.48)
I	110+79.13	44.01'RT	(814.41)



SE CORNER OF HASSELL ROAD AND HASSELL DRIVE

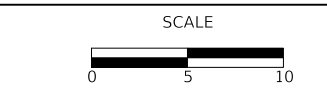
**LEGEND**

-  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**

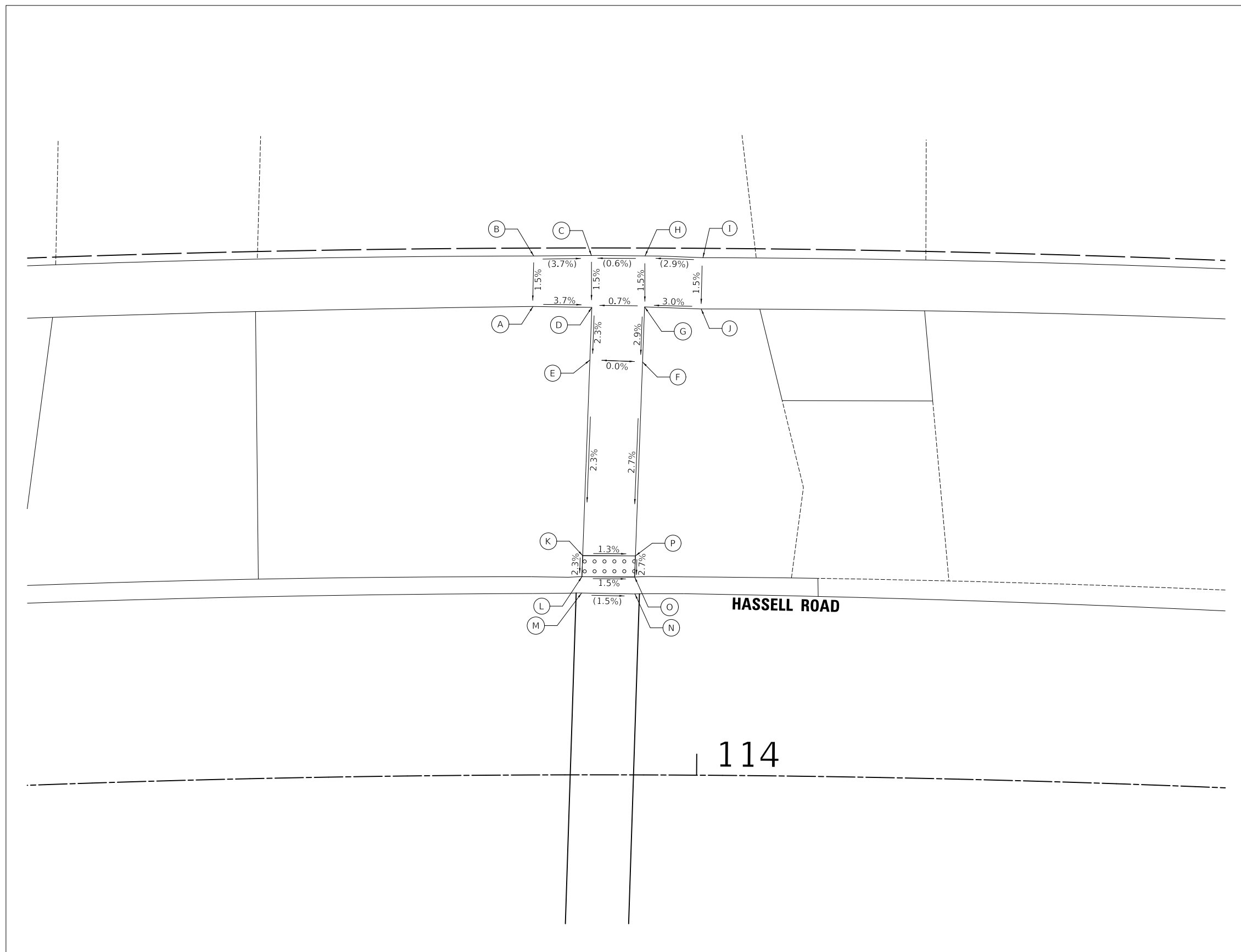
SHEET 8 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	29
				CONTRACT NO. XXXXX
ILLINOIS				

MODEL: SMODEL\MAMES  
 FILE NAME: ...112-Grading Plans\3836-sh1-ADA




N SIDE OF HASSELL ROAD AT HASSELL COURT			
	STATION	OFFSET	ELEVATION
A	113+84.65	44.46'LT	811.29
B	113+84.73	49.25'LT	(811.36)
C	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
H	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
M	113+89.10	17.25'LT	(810.50)
N	113+94.10	17.18'LT	(810.42)
O	113+94.08	18.78'LT	810.41
P	113+94.14	20.78'LT	810.47



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	

**LEGEND**

	DETECTABLE WARNINGS
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION

N SIDE OF HASSELL ROAD AT HASSELL COURT

114

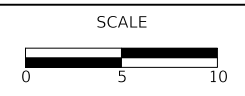
HASSELL ROAD



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DEPARTMENT OF TRANSPORTATION



ADA GRADING PLAN

SHEET 9 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	30
CONTRACT NO. XXXXX				
ILLINOIS				

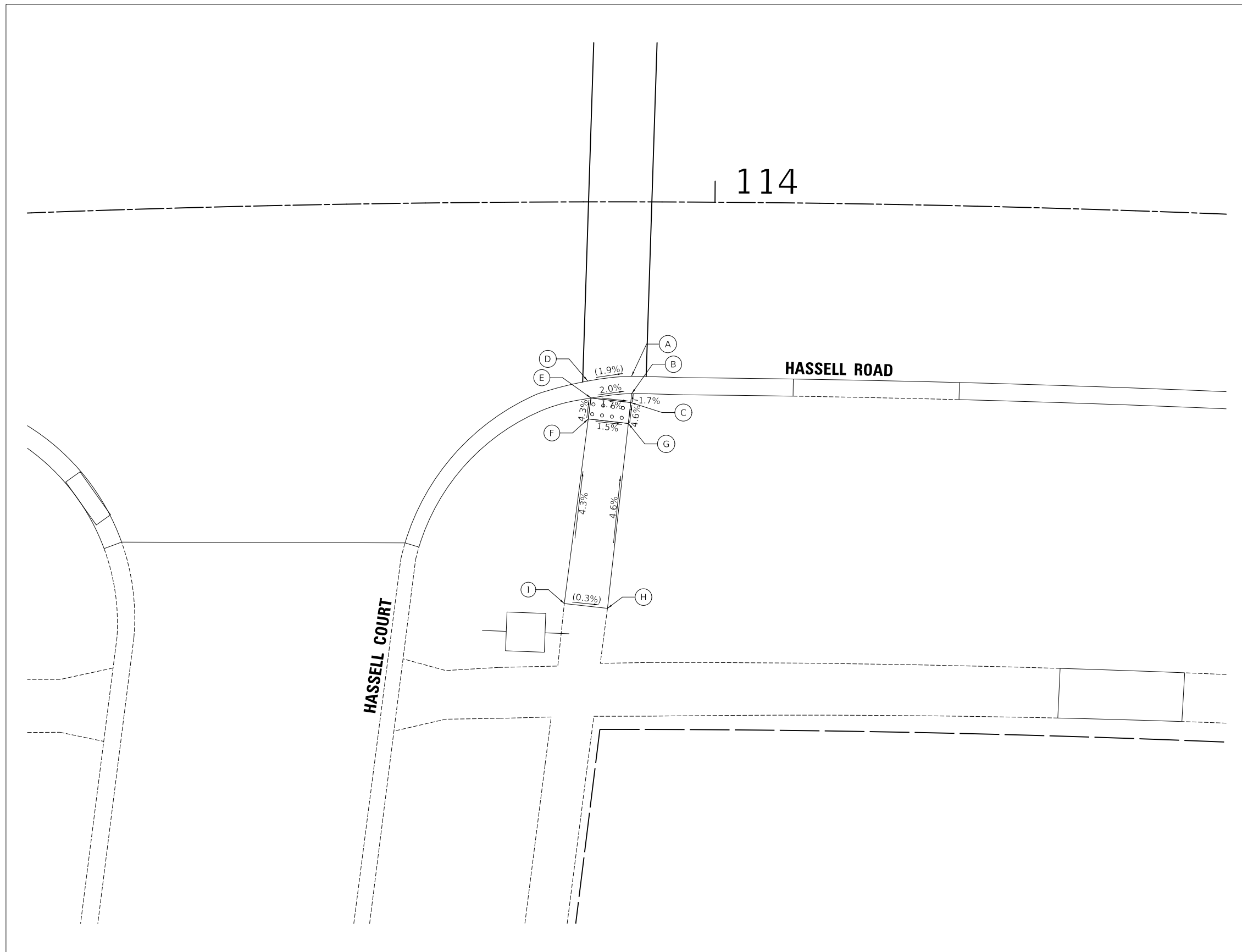
MODEL: SMODEL\MAMES  
FILE NAME: ...112-Grading Plans\3836-sh1-ADA



SE CORNER OF HASSELL ROAD AND HASSELL COURT			
	STATION	OFFSET	ELEVATION
A	113+92.10	16.53'RT	(810.43)
B	113+92.13	18.17'RT	810.42
C	113+92.03	19.02'RT	810.44
D	113+87.91	16.98'RT	(810.51)
E	113+88.21	18.59'RT	810.50
F	113+87.95	20.57'RT	810.53
G	113+91.81	21.01'RT	810.47
H	113+89.79	38.53'RT	(811.34)
I	113+85.59	38.07'RT	(811.35)


PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	FIELD FILE NAME	

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



SE CORNER OF HASSELL ROAD AND HASSELL COURT

**LEGEND**

-  DETECTABLE WARNINGS
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

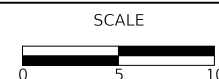
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FILE NAME: ...112-Grading Plans\3836-sh1-ADA



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ADA GRADING PLAN

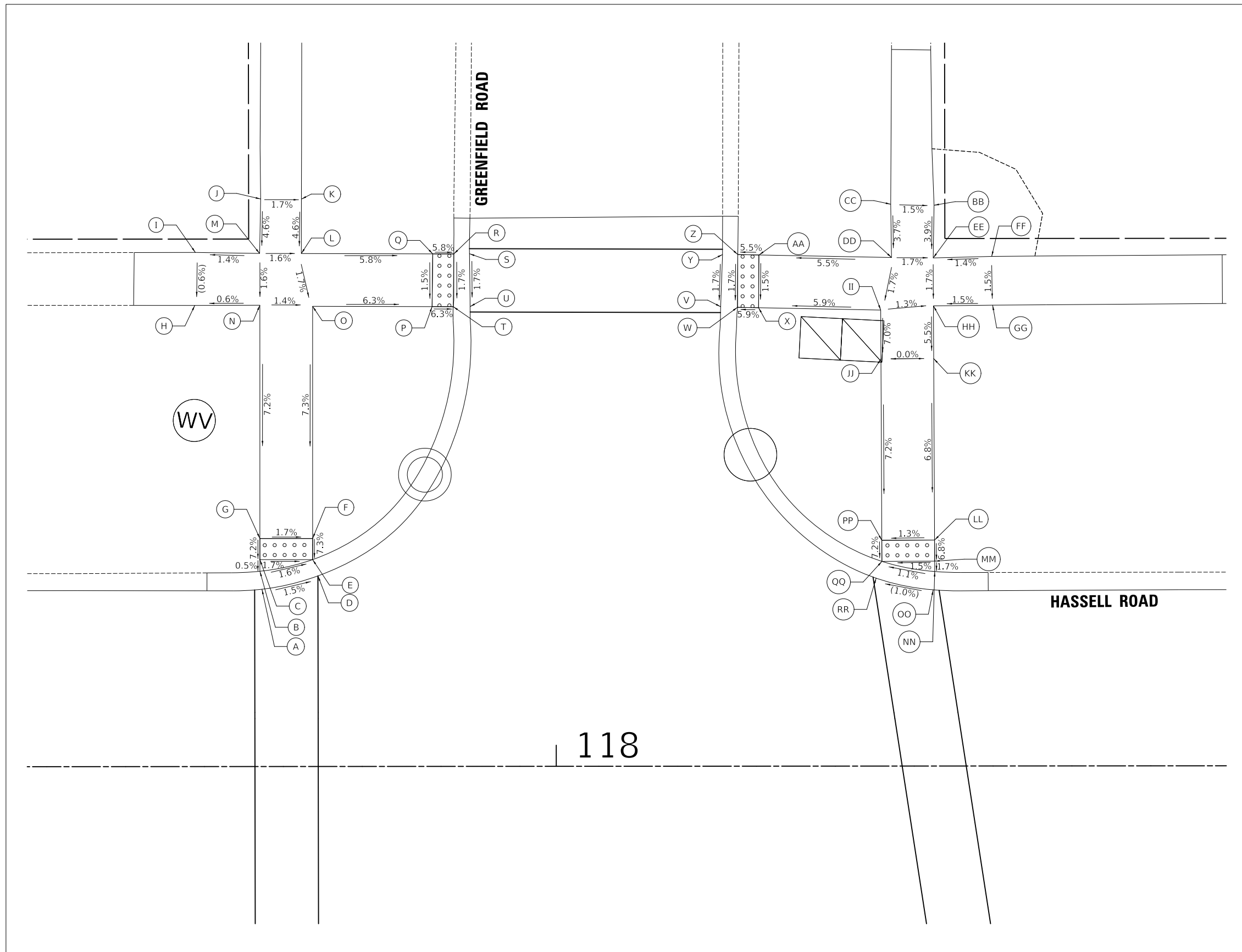
SHEET 10 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	31
ILLINOIS			CONTRACT NO. XXXXX	



PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNMENT CHECKED	
	GRADE FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



N CORNERS OF HASSELL ROAD AND GREENFIELD ROAD			
	STATION	OFFSET	ELEVATION
A	117+72.11	16.80'LT	805.18
B	117+71.92	18.51'LT	805.17
C	117+71.92	19.61'LT	805.18
D	117+77.42	18.07'LT	805.10
E	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
H	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
O	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)
T	117+90.27	43.57'LT	805.99
U	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	18.44'LT	804.78
OO	118+35.74	16.70'LT	(804.79)
PP	118+30.88	21.40'LT	804.87
QQ	118+30.89	19.40'LT	804.73
RR	118+30.34	17.81'LT	(804.74)

**LEGEND**

- DETECTABLE WARNINGS
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

**N CORNERS OF HASSELL ROAD AND GREENFIELD ROAD**

118

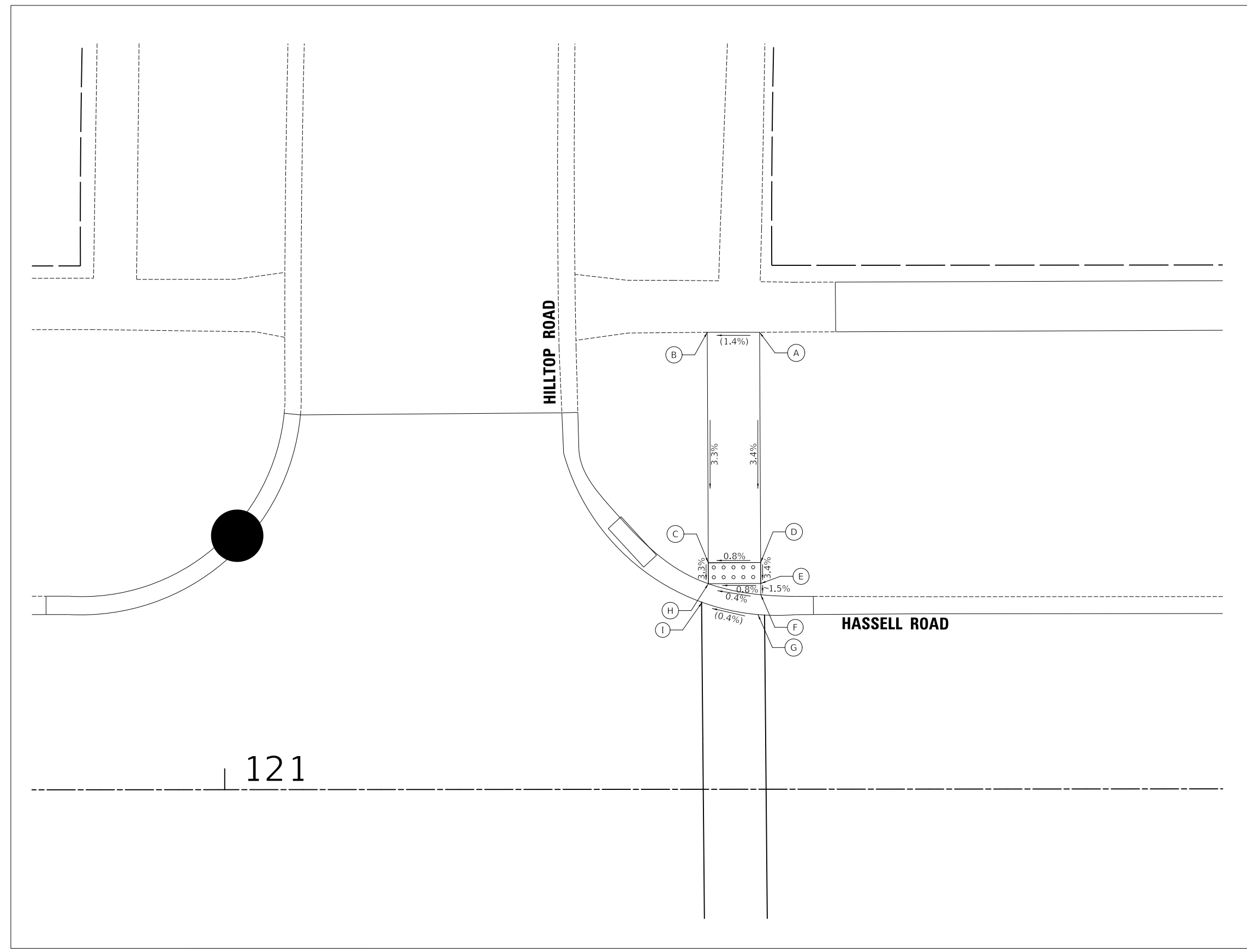




NE CORNER OF HASSELL ROAD AND HILLTOP ROAD			
	STATION	OFFSET	ELEVATION
A	121+51.10	43.61'LT	(808.99)
B	121+46.10	43.62'LT	(808.92)
C	121+46.19	21.62'LT	808.20
D	121+51.19	21.64'LT	808.24
E	121+51.19	19.64'LT	808.17
F	121+51.19	18.56'LT	808.16
G	121+50.92	16.67'LT	(808.17)
H	121+46.19	19.62'LT	808.13
I	121+45.58	17.85'LT	(808.14)


PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	FILE NAME	

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



NE CORNER OF HASSELL ROAD AND HILLTOP ROAD

**LEGEND**

-  DETECTABLE WARNINGS
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

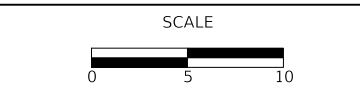
MODEL: SMOELMAMES  
FILE NAME: ...112-Grading Plans\3836-sh1-ADA



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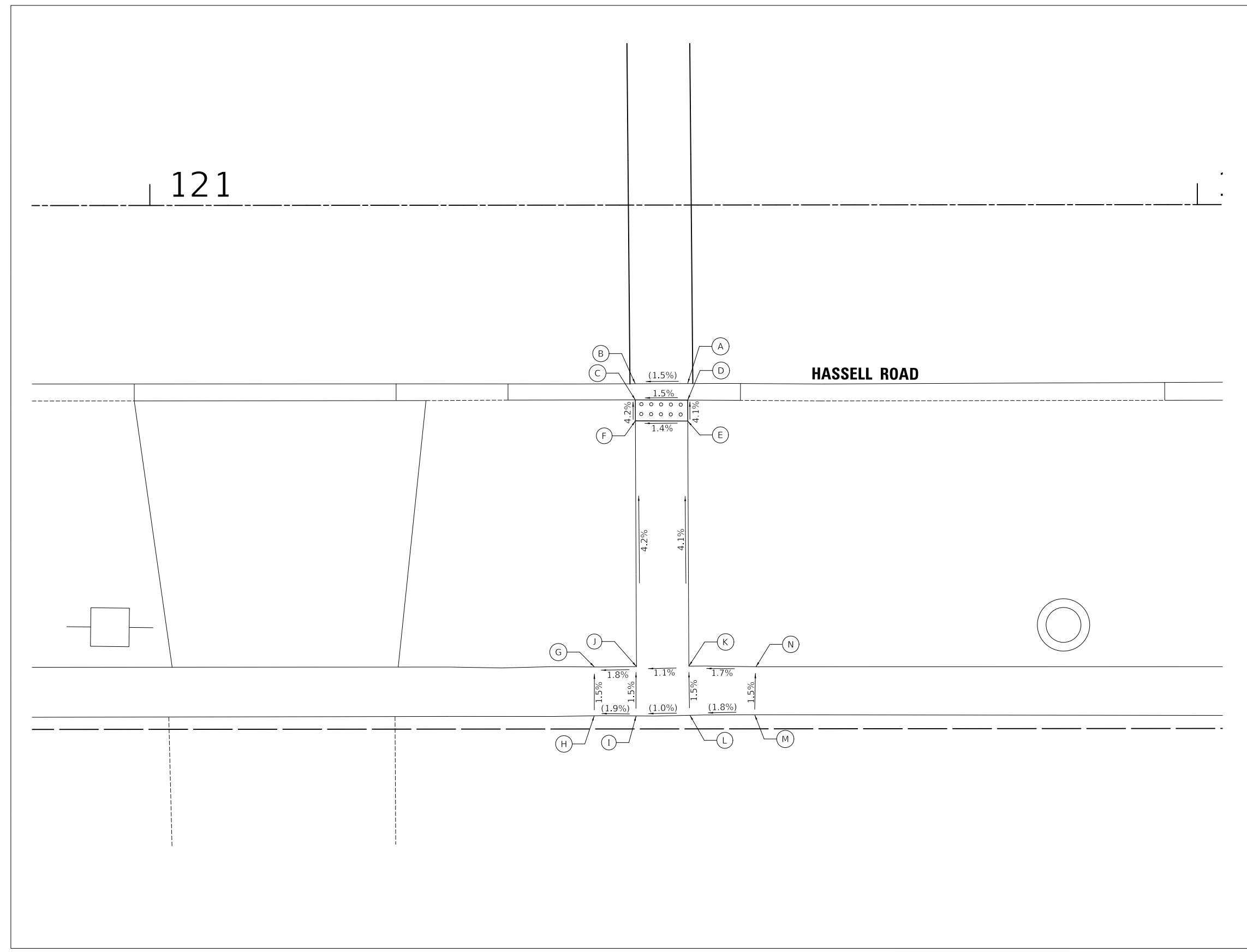
ADA GRADING PLAN  
SHEET 13 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	34
ILLINOIS				CONTRACT NO. XXXXX



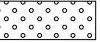


S SIDE OF HASSELL ROAD AT HILLTOP ROAD			
	STATION	OFFSET	ELEVATION
A	121+51.32	17.04'RT	(808.18)
B	121+46.32	17.05'RT	(808.11)
C	121+46.33	18.60'RT	808.10
D	121+51.33	18.62'RT	808.17
E	121+51.34	20.62'RT	808.26
F	121+46.34	20.60'RT	808.19
G	121+42.40	44.08'RT	809.08
H	121+42.38	48.74'RT	(809.15)
I	121+46.38	48.76'RT	(809.23)
J	121+46.42	44.05'RT	809.16
K	121+51.42	44.01'RT	809.21
L	121+51.52	48.70'RT	(809.28)
M	121+57.71	48.66'RT	(809.39)
N	121+57.83	44.08'RT	809.32



**S SIDE OF HASSELL ROAD AT HILLTOP ROAD**

**LEGEND**

-  DETECTABLE WARNINGS
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

PLAN	SURVEYED	DATE
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	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	BY	
	NOTE BOOK NO.	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	CHWD	

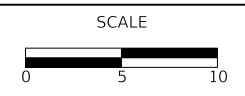
MODEL: SMODEL\MAMES  
FILE NAME: ...112-Grading Plans\3836-sh1-ADA



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DATE	-	9/06/2024	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**ADA GRADING PLAN**

SHEET 14 OF 19 SHEETS

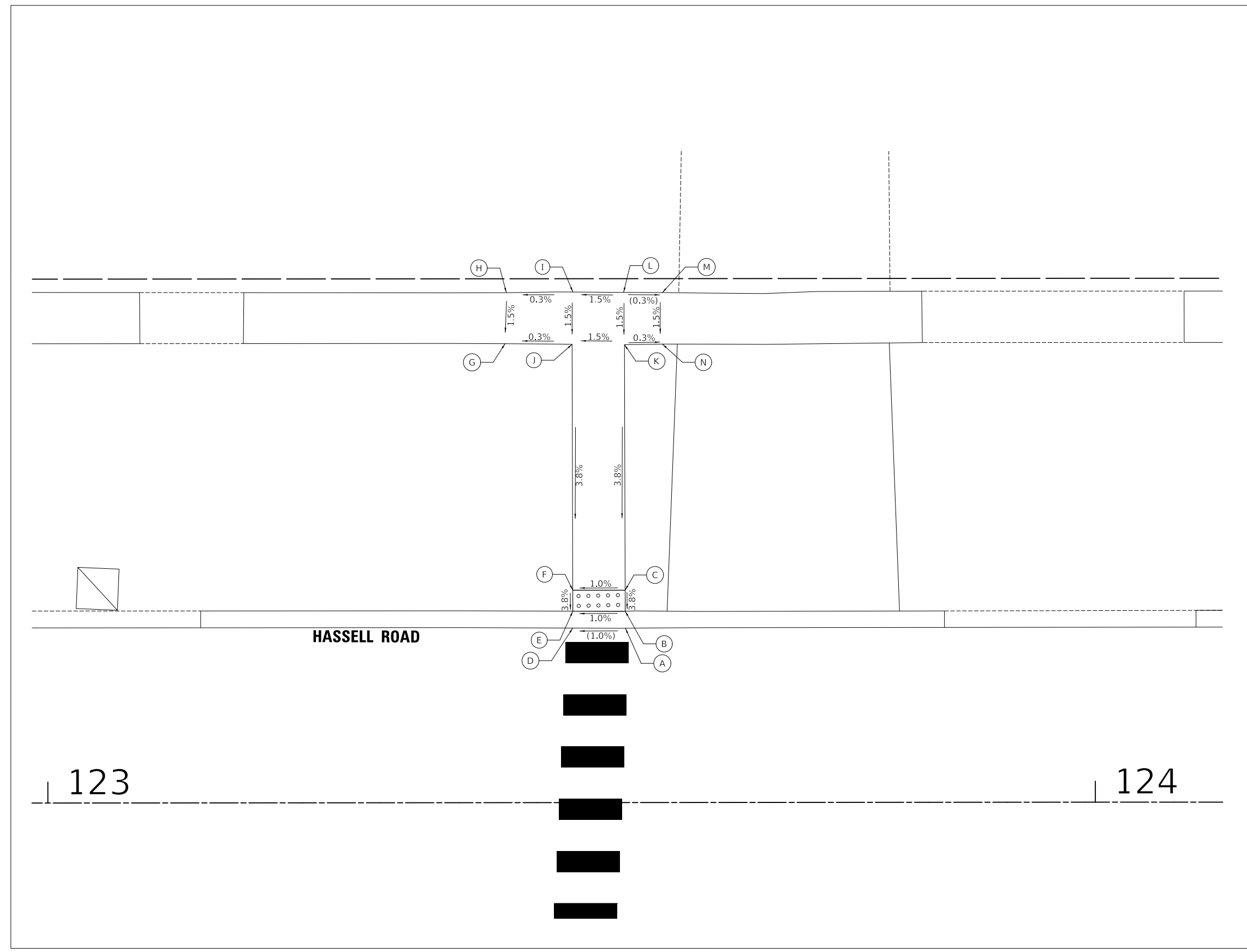
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	35
				CONTRACT NO. XXXXX
				ILLINOIS



N SIDE OF HASSELL ROAD AT CHIPPENDALE ROAD			
	STATION	OFFSET	ELEVATION
A	123+55.15	16.64'LT	(810.50)
B	123+55.13	18.26'LT	810.49
C	123+55.13	20.26'LT	810.57
D	123+50.12	16.66'LT	(810.45)
E	123+50.13	18.27'LT	810.44
F	123+50.13	20.27'LT	810.52
G	123+43.68	43.80'LT	811.37
H	123+43.81	48.67'LT	(811.44)
I	123+50.16	48.73'LT	811.46
J	123+50.08	43.74'LT	811.38
K	123+55.08	43.70'LT	811.46
L	123+55.00	48.69'LT	(811.53)
M	123+58.71	48.67'LT	(811.52)
N	123+58.70	43.76'LT	811.45

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATION	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATION	
	CADD FILE NAME	



**LEGEND**

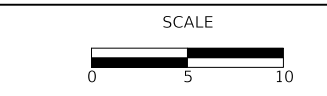
	DETECTABLE WARNINGS
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION

N SIDE OF HASSELL ROAD AT CHIPPENDALE ROAD

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**ADA GRADING PLAN**  
 SHEET 15 OF 19 SHEETS

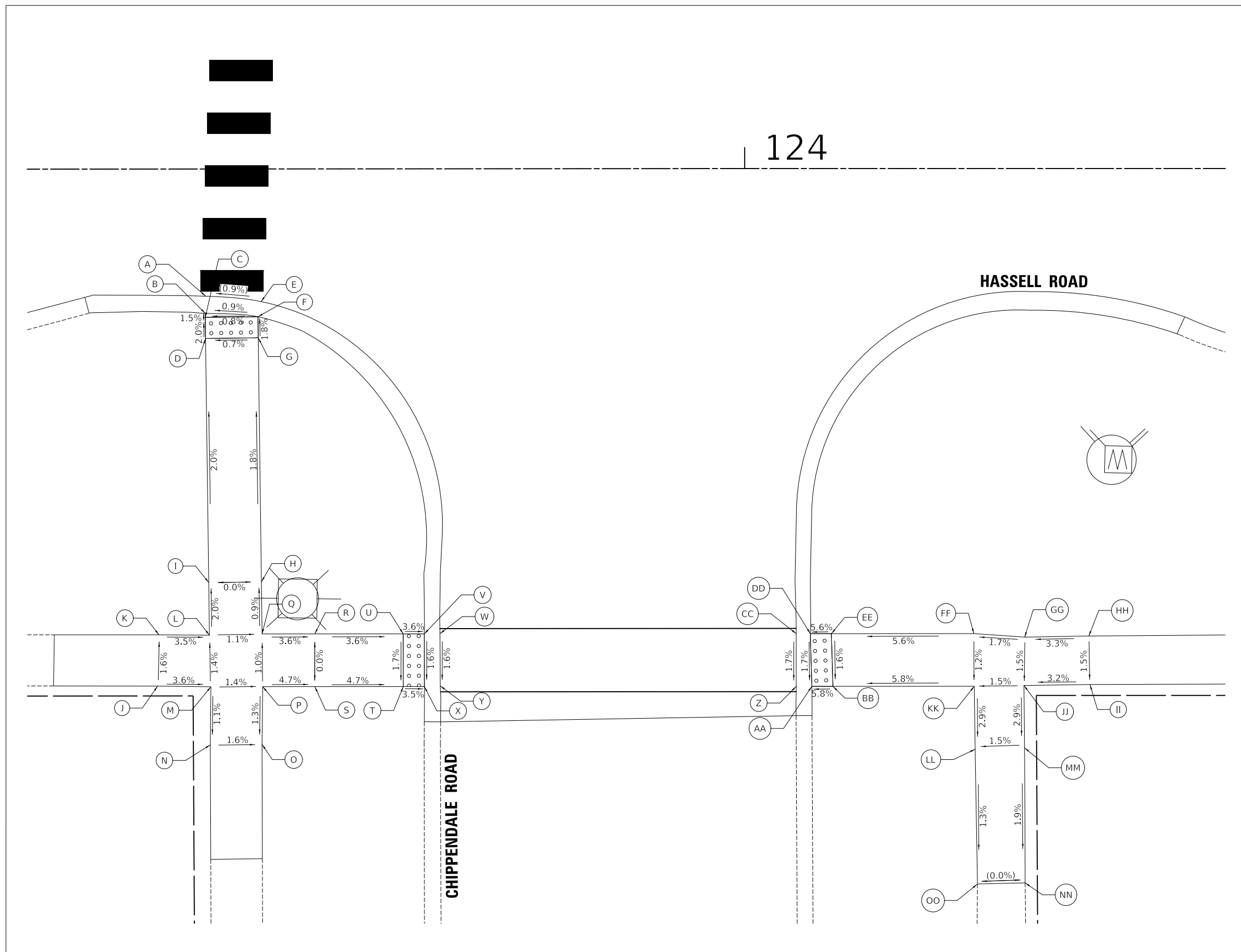
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	36
CONTRACT NO. XXXXX				
ILLINOIS				

MODEL: SMODEL\MAMES  
 FILE NAME: ...112-Grading Plans\3836-sh1-ADA




DATE	
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SURVEYED	
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ALIGNMENT CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
FILE NAME	



S CORNERS OF HASSELL ROAD AND CHIPPENDALE ROAD			
	STATION	OFFSET	ELEVATION
A	123+48.86	12.07' RT	(810.59)
B	123+48.80	13.70' RT	810.58
C	123+48.81	14.08' RT	810.59
D	123+48.83	16.08' RT	810.62
E	123+54.11	12.59' RT	(810.63)
F	123+53.81	14.02' RT	810.62
G	123+53.83	16.02' RT	810.66
H	123+54.11	39.18' RT	811.07
I	123+49.12	39.24' RT	811.07
J	123+44.26	49.07' RT	(811.42)
K	123+44.39	44.20' RT	811.34
L	123+49.18	44.24' RT	811.17
M	123+49.31	49.14' RT	811.24
N	123+49.25	54.65' RT	(811.18)
O	123+54.16	54.60' RT	811.10
P	123+54.23	49.13' RT	811.17
Q	123+54.17	44.13' RT	811.12
R	123+59.18	44.13' RT	810.94
S	123+59.17	49.13' RT	810.94
T	123+67.57	49.13' RT	810.55
U	123+67.56	44.13' RT	810.63
V	123+69.56	44.13' RT	810.56
W	123+71.05	44.11' RT	810.57
X	123+69.57	49.13' RT	810.48
Y	123+71.08	49.07' RT	(810.49)
Z	124+04.89	49.14' RT	(810.50)
AA	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
DD	124+06.22	44.14' RT	810.57
EE	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
HH	124+32.65	44.36' RT	811.72
II	124+32.76	48.96' RT	(811.65)
JJ	124+26.49	49.06' RT	811.45
KK	124+21.77	49.13' RT	811.37
LL	124+21.86	55.10' RT	811.21
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

**S CORNERS OF HASSELL ROAD AND CHIPPENDALE ROAD**

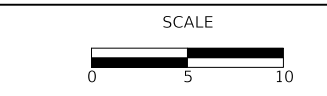
MODEL: SH06LMM005 FILE NAME: ...112-Grading Plans13836-sh1-ADA



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CHECKED -	DJK	REVISED -	
DATE -	9/06/2024	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**ADA GRADING PLAN**

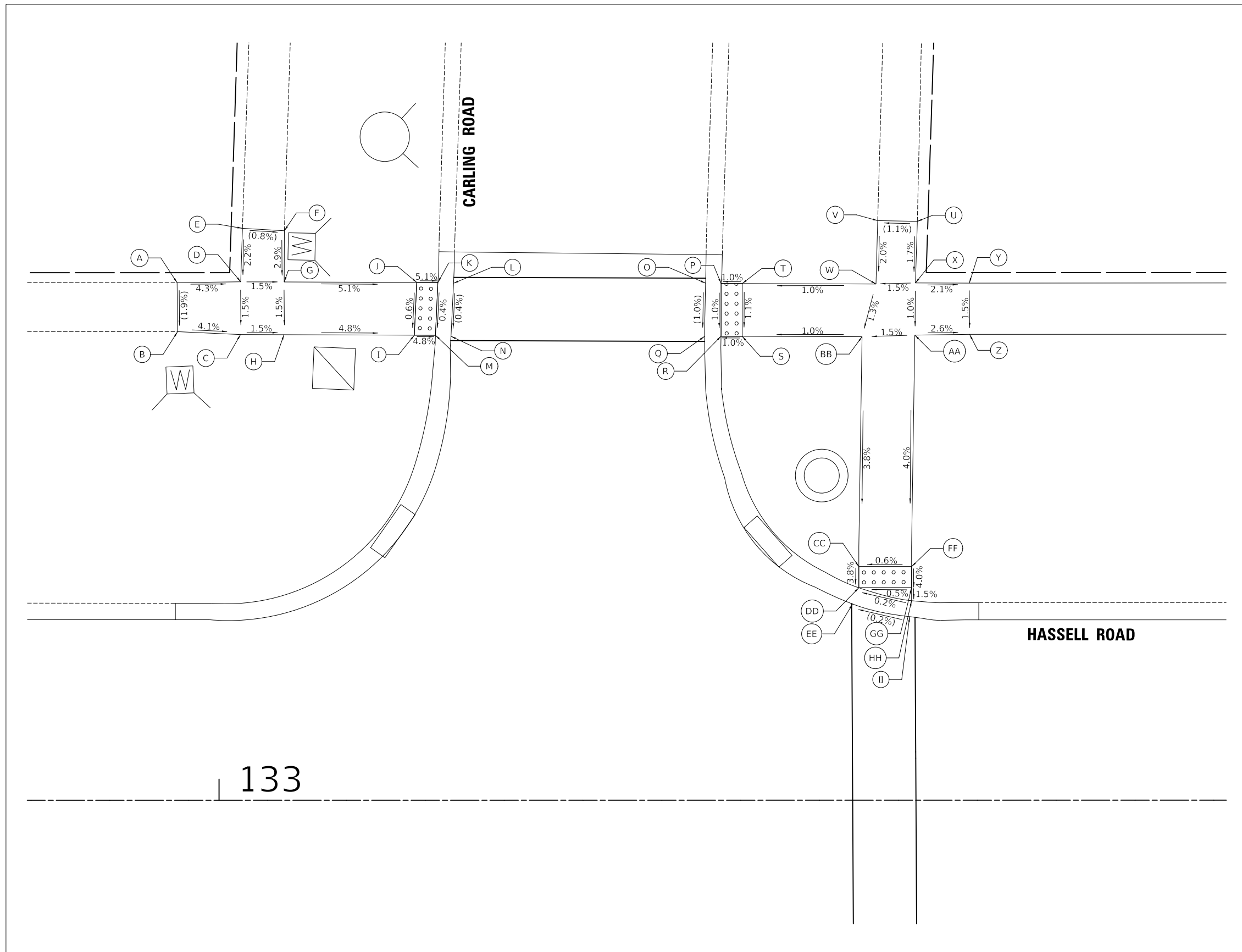
SHEET 16 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	37
ILLINOIS			CONTRACT NO. XXXXX	




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	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	GRADE FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHWD	



N CORNERS OF HASSELL ROAD AND CARLING ROAD			
	STATION	OFFSET	ELEVATION
A	132+96.03	49.06'LT	(786.84)
B	132+96.07	44.41'LT	(786.75)
C	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
H	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)
M	133+20.52	44.07'LT	785.75
N	133+21.99	43.97'LT	(785.76)
O	133+46.13	49.01'LT	(785.87)
P	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
T	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
X	133+66.02	49.03'LT	786.06
Y	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
BB	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
HH	133+65.65	18.91'LT	785.04
II	133+65.47	17.39'LT	(785.05)

**LEGEND**

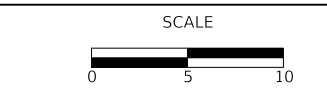
-  DETECTABLE WARNINGS
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

**N CORNERS OF HASSELL ROAD AND CARLING ROAD**

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**DEPARTMENT OF TRANSPORTATION**



**ADA GRADING PLAN**  
 SHEET 17 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	38
ILLINOIS			CONTRACT NO. XXXXX	

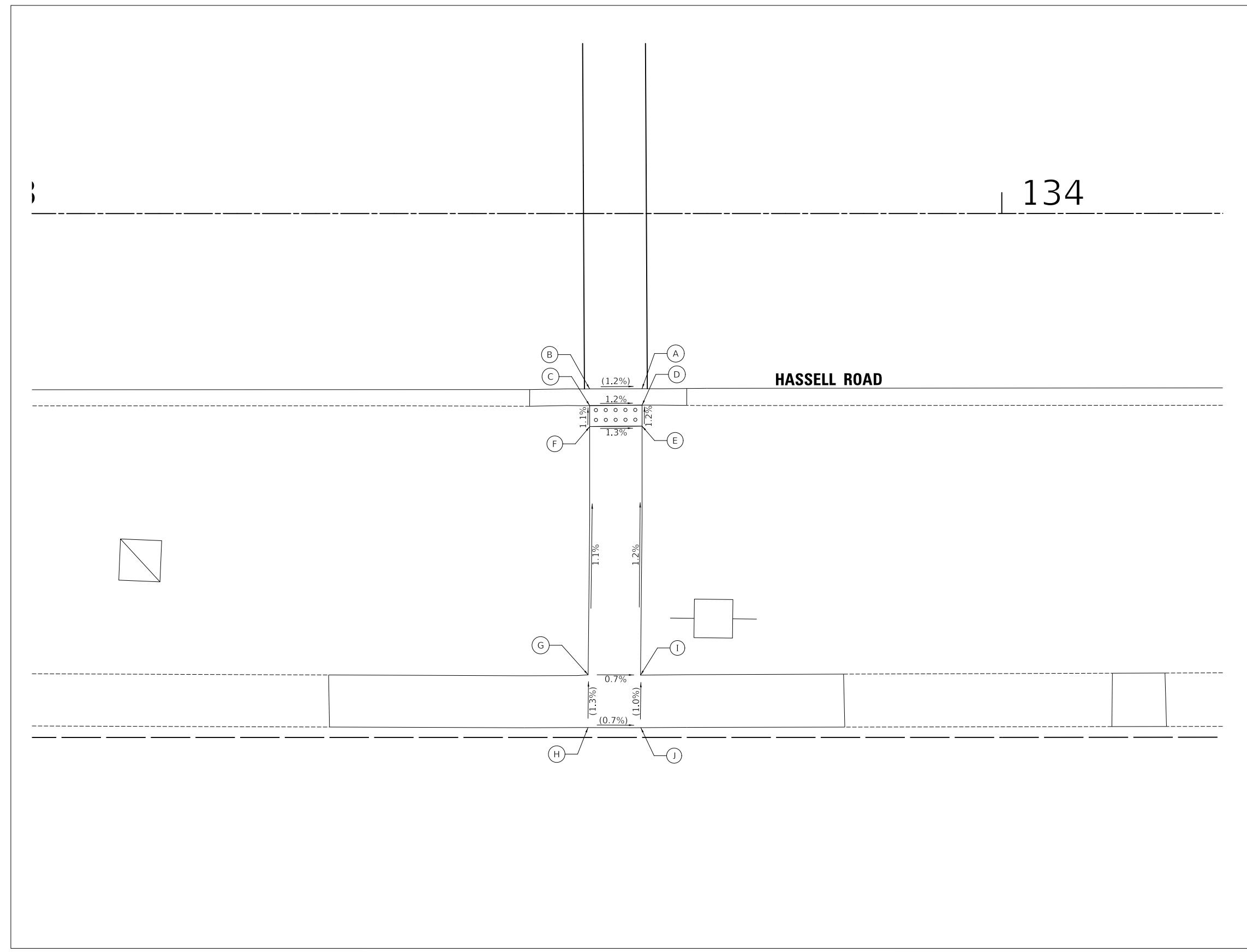
MODEL: SH06LNAME5 FILE NAME: ...112-Grading Plans\3836-sh1-ADA



S SIDE OF HASSELL ROAD AT CARLING ROAD			
	STATION	OFFSET	ELEVATION
A	133+65.65	16.72' RT	(785.24)
B	133+60.65	16.74' RT	(785.30)
C	133+60.65	18.33' RT	785.29
D	133+65.65	18.29' RT	785.23
E	133+65.66	20.29' RT	785.26
F	133+60.66	20.34' RT	785.31
G	133+60.51	44.03' RT	(785.59)
H	133+60.49	49.06' RT	(785.65)
I	133+65.51	44.06' RT	(785.57)
J	133+65.53	49.07' RT	(785.62)

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	



**S SIDE OF HASSELL ROAD AT CARLING ROAD**

**LEGEND**

- DETECTABLE WARNINGS
- X% / XXX.XX PROPOSED SLOPE / ELEVATION
- (X%) / (XXX.XX) EXISTING SLOPE / ELEVATION

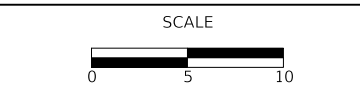
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DATE - 9/06/2024	REVISED -

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**ADA GRADING PLAN**

SHEET 18 OF 19 SHEETS

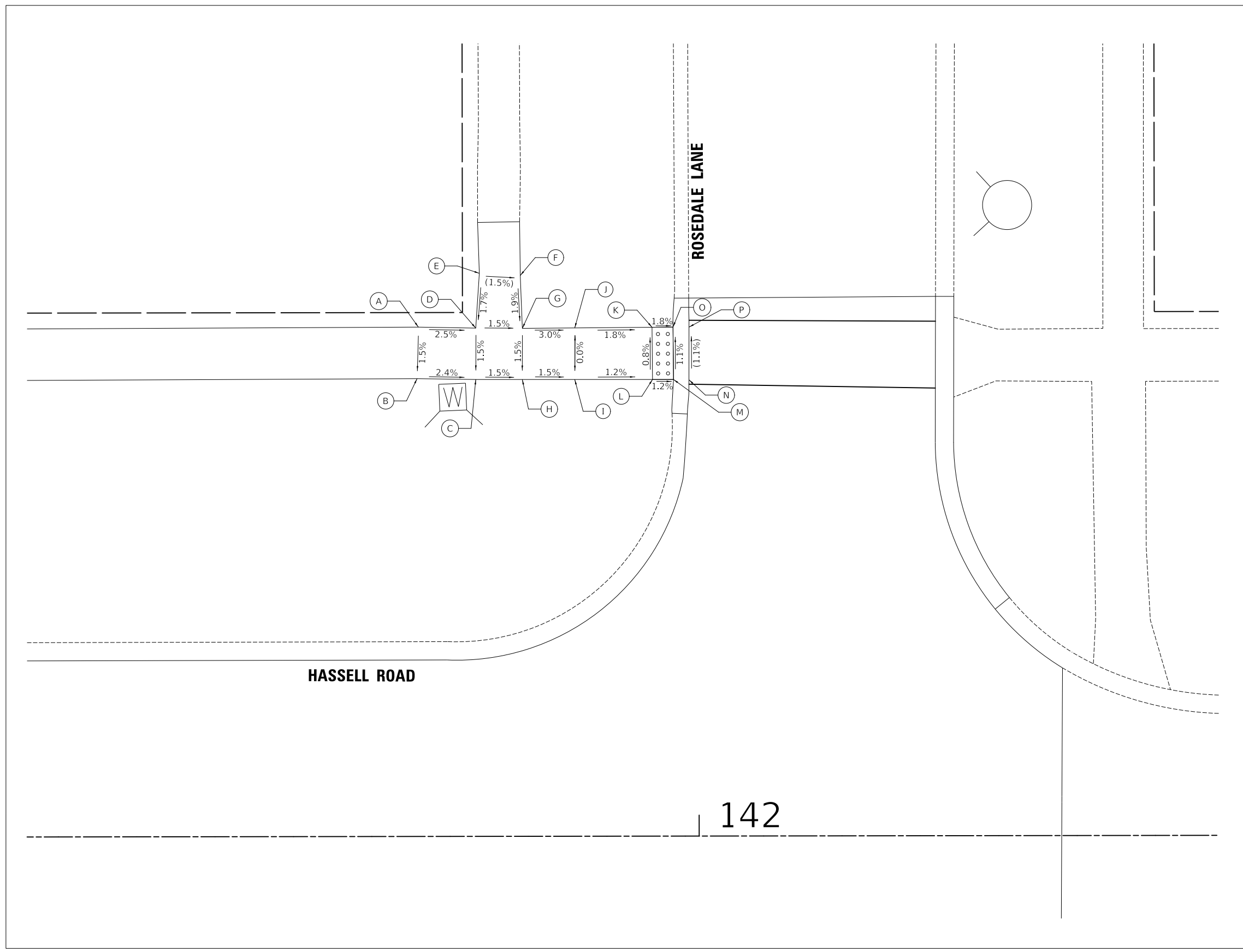
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	39
ILLINOIS			CONTRACT NO. XXXXX	



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	STRUCTURE NOTATION CHECKED	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	

NW CORNER OF HASSELL ROAD AND ROSEDALE LANE		
STATION	OFFSET	ELEVATION
A	141+73.28	48.61'LT (786.57)
B	141+73.14	43.69'LT 786.50
C	141+78.75	43.60'LT (786.36)
D	141+78.75	48.51'LT 786.43
E	141+79.10	53.74'LT (786.52)
F	141+83.00	53.53'LT (786.46)
G	141+83.19	48.48'LT 786.37
H	141+83.19	43.60'LT 786.29
I	141+88.19	43.59'LT 786.22
J	141+88.19	48.51'LT 786.22
K	141+95.57	48.57'LT 786.08
L	141+95.61	43.58'LT 786.12
M	141+97.61	43.58'LT 786.10
N	141+99.08	43.55'LT (786.11)
O	141+97.57	48.58'LT 786.05
P	141+99.09	48.58'LT (786.06)



**LEGEND**

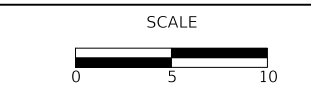
	DETECTABLE WARNINGS
X% / XXX.XX	PROPOSED SLOPE / ELEVATION
(X%) / (XXX.XX)	EXISTING SLOPE / ELEVATION

MODEL: SHODLNAME5  
FILE NAME: ...112-Grading Plans13836-sh1-ADA

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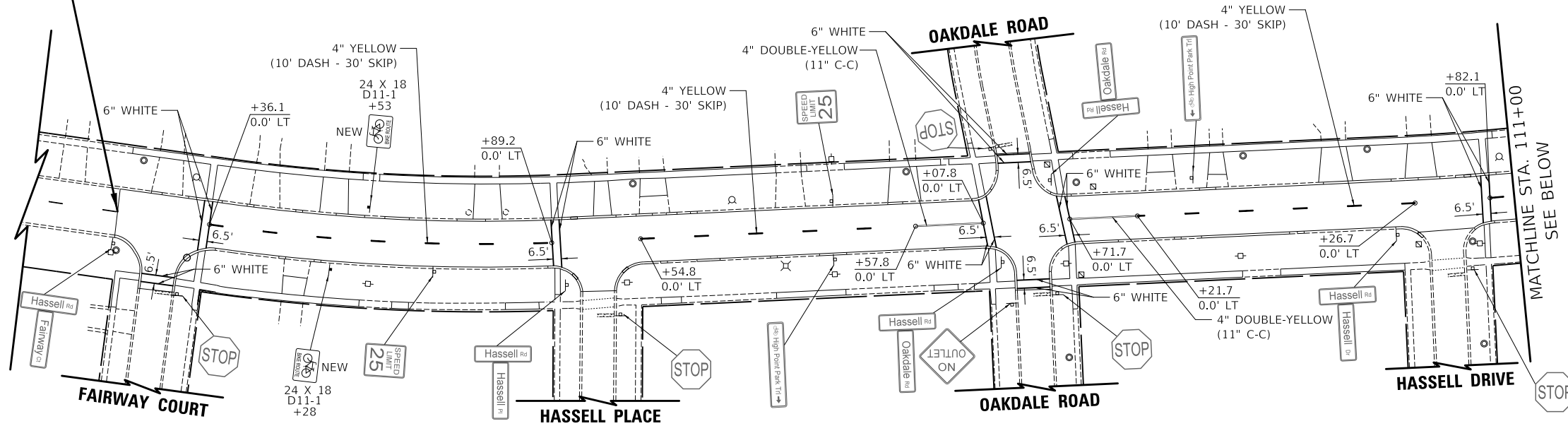
**ADA GRADING PLAN**

SHEET 19 OF 19 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	40
ILLINOIS			CONTRACT NO. XXXXX	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

RESURFACING BEGINS  
STA. 100+67.58

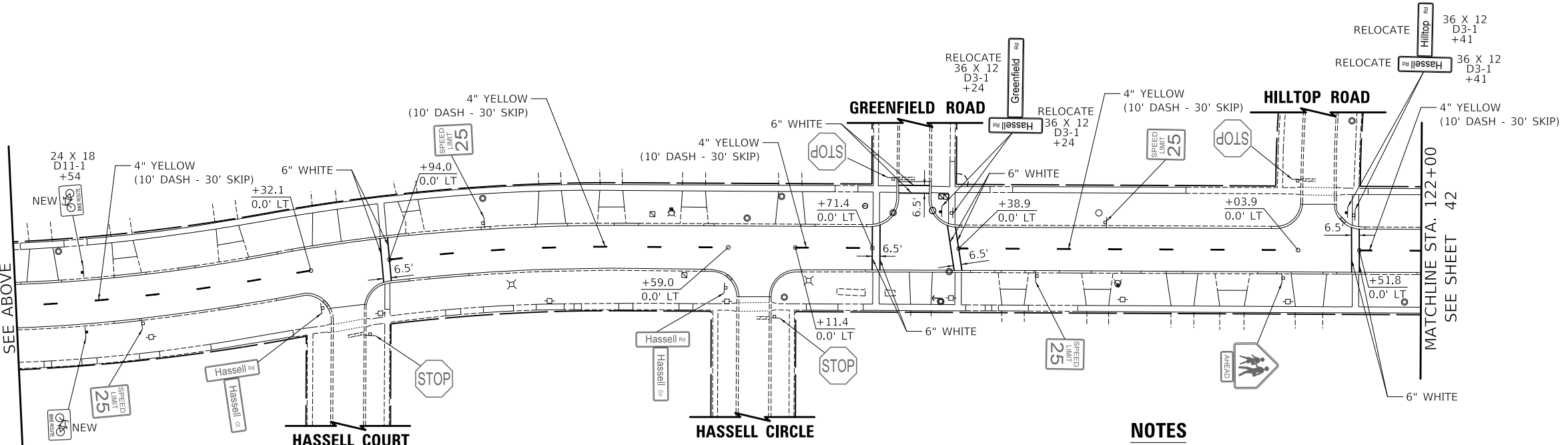


**LEGEND**

- |   |                        |          |   |
|---|------------------------|----------|---|
| ⊗ | EXISTING LIGHT POLE    | NEW      | PROPOSED SIGN PANEL OF THE TYPE REQUIRED        |
| ⊕ | EXISTING SIGN          | RELOCATE | SIGN PANEL ASSEMBLY TO BE RELOCATED             |
| ⊖ | PROPOSED SIGN LOCATION | ▶        | MONODIRECTIONAL CRYSTAL CURB REFLECTOR, 10' C-C |

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

MATCHLINE STA. 111+00  
SEE ABOVE



**NOTES**

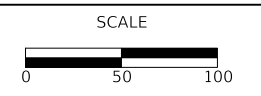
- DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
- ALL PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE.
- EXISTING SIGNING SHALL REMAIN UNLESS OTHERWISE NOTED.



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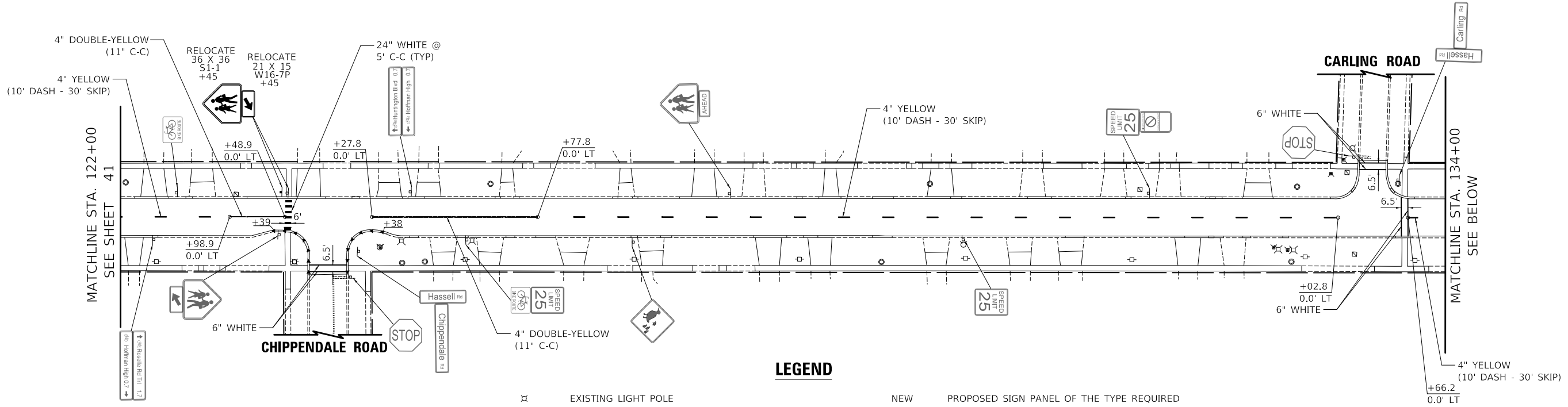
**PAVEMENT MARKING AND SIGNING PLAN**

SHEET 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	41
				CONTRACT NO. XXXXX
ILLINOIS				

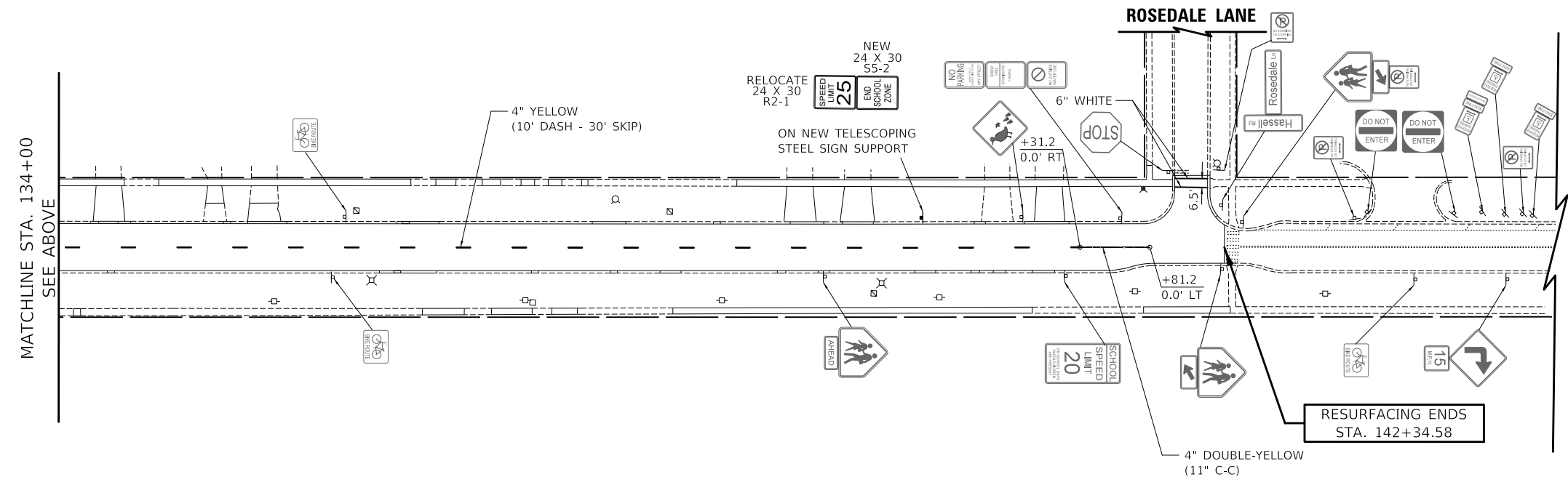
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	NO.
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	NOTE BOOK	NO.
	FILE NAME	



**LEGEND**

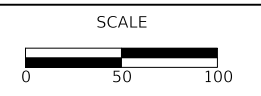
- ⊗ EXISTING LIGHT POLE
- ⊕ EXISTING SIGN
- ⊕ PROPOSED SIGN LOCATION
- NEW PROPOSED SIGN PANEL OF THE TYPE REQUIRED
- RELOCATE SIGN PANEL ASSEMBLY TO BE RELOCATED
- ▶ MONODIRECTIONAL CRYSTAL CURB REFLECTOR, 10' C-C



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DATE	-	9/06/2024	REVISED	-

**STATE OF ILLINOIS  
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**PAVEMENT MARKING AND SIGNING PLAN**

SHEET 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	42
				CONTRACT NO. XXXXX
ILLINOIS				

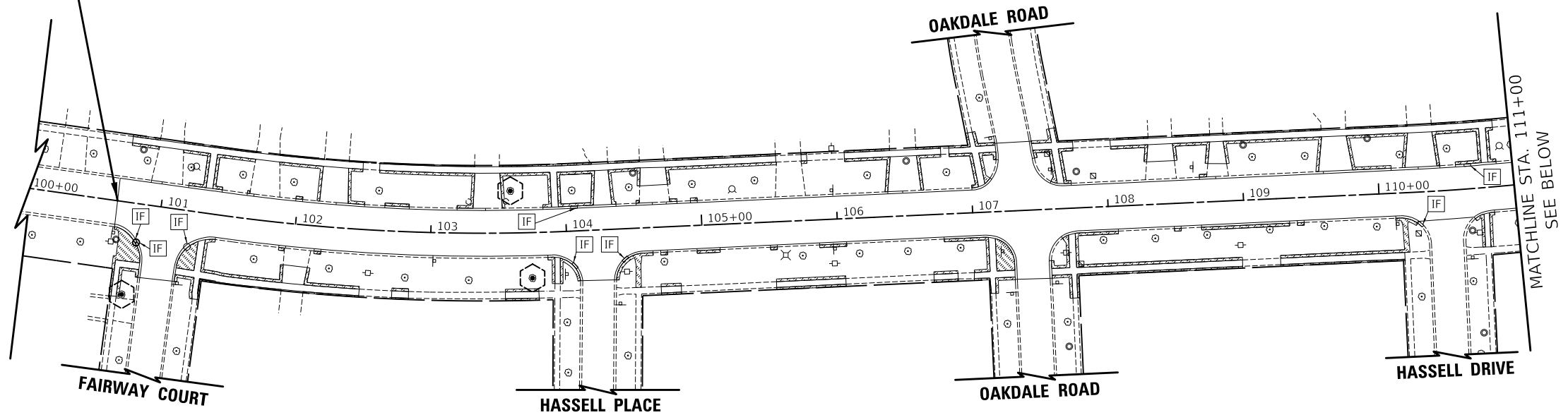
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



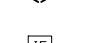
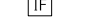

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
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	NO.	
	NOTE BOOK	

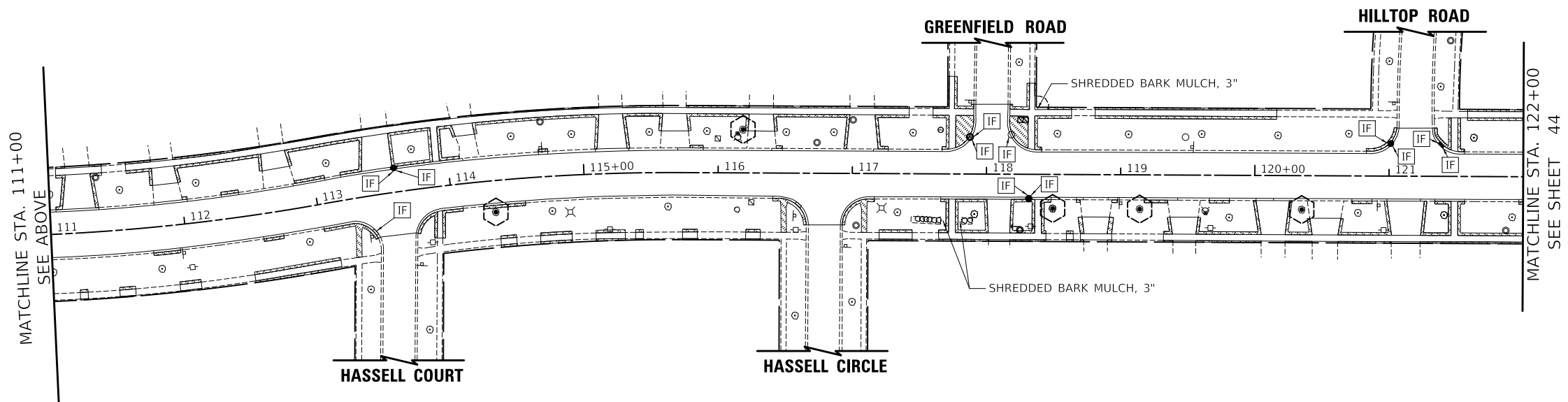
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	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	
	NOTE BOOK	

RESURFACING BEGINS  
STA. 100+67.58



**LEGEND**

-  TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH
-  SEEDING, CLASS 1
-  EROSION CONTROL BLANKET
-  EXISTING TREE TO REMAIN
-  TEMPORARY FENCE
-  TREE ROOT PRUNING
-  TREE PRUNING
-  INLET FILTER



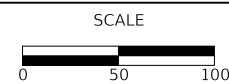
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FILE NAME: ...1314-landscaping13336-01-LS\_EC



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LANDSCAPING PLAN

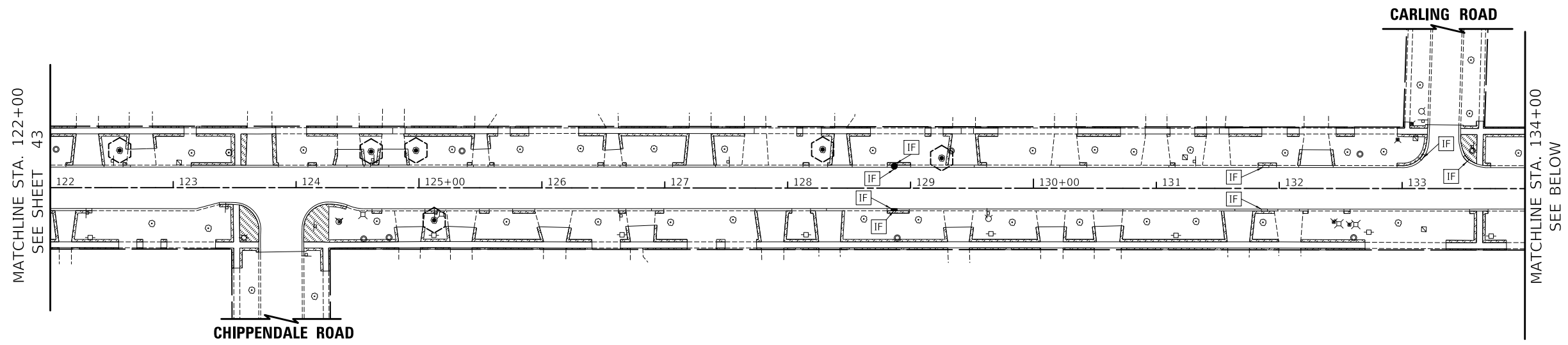
SHEET 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	43
ILLINOIS			CONTRACT NO. XXXXX	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	GRADE CHECKED		
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	CADD FILE NAME		

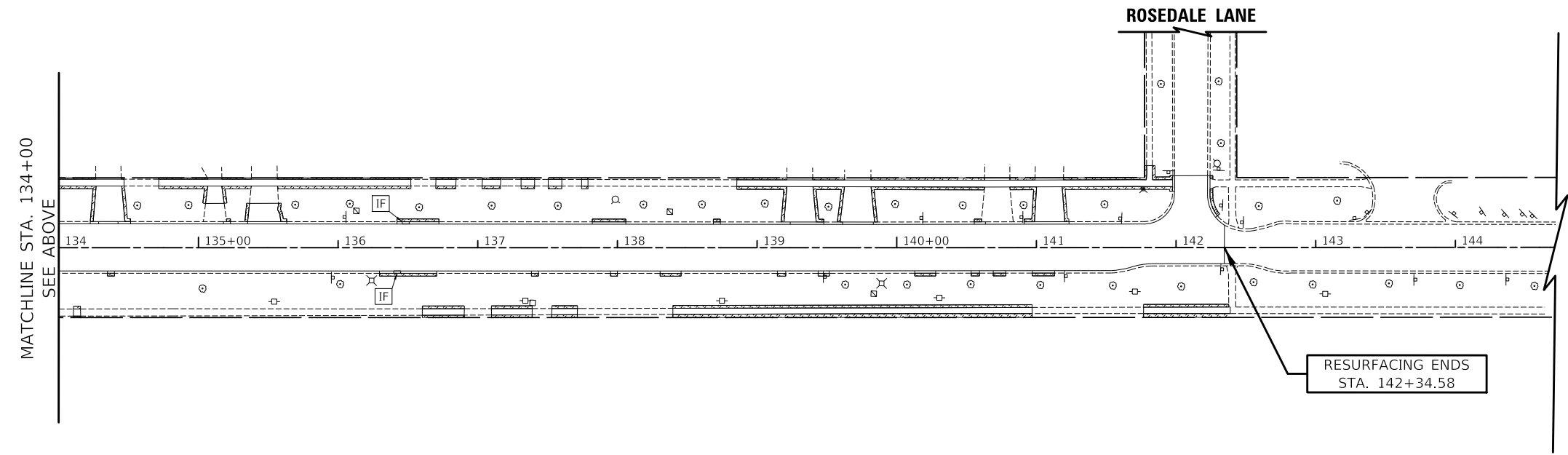
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	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

MODEL: SMODEL\MAMES  
FILE NAME: ...134-landscaping\13336-plt\_LS\_EC



**LEGEND**

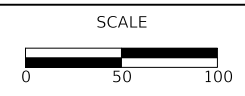
- TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH
- EXISTING TREE TO REMAIN
- TEMPORARY FENCE
- INLET FILTER
- SEEDING, CLASS 1
- TREE ROOT PRUNING
- EROSION CONTROL BLANKET
- TREE PRUNING



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CHECKED -	DJK	REVISED -	
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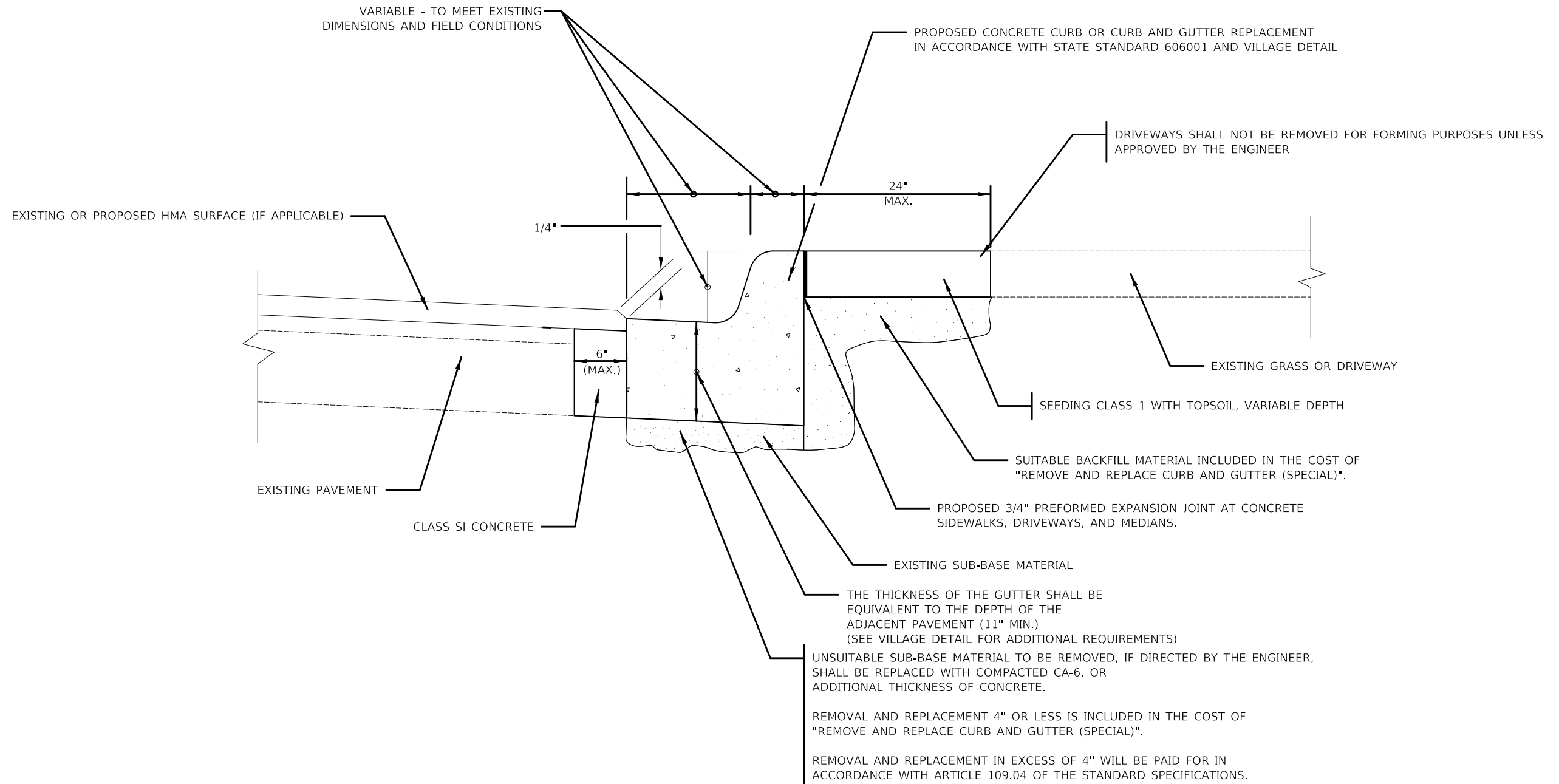
**LANDSCAPING PLAN**

SHEET 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	44
			CONTRACT NO. XXXXX	
ILLINOIS				

PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNMENT CHECKED	
	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



**CURB AND GUTTER REMOVAL AND REPLACEMENT DETAIL**

MODEL: SMODEL\MAMES  
FILE NAME: ...13836-Detail.dgn



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DATE -	9/06/2024	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

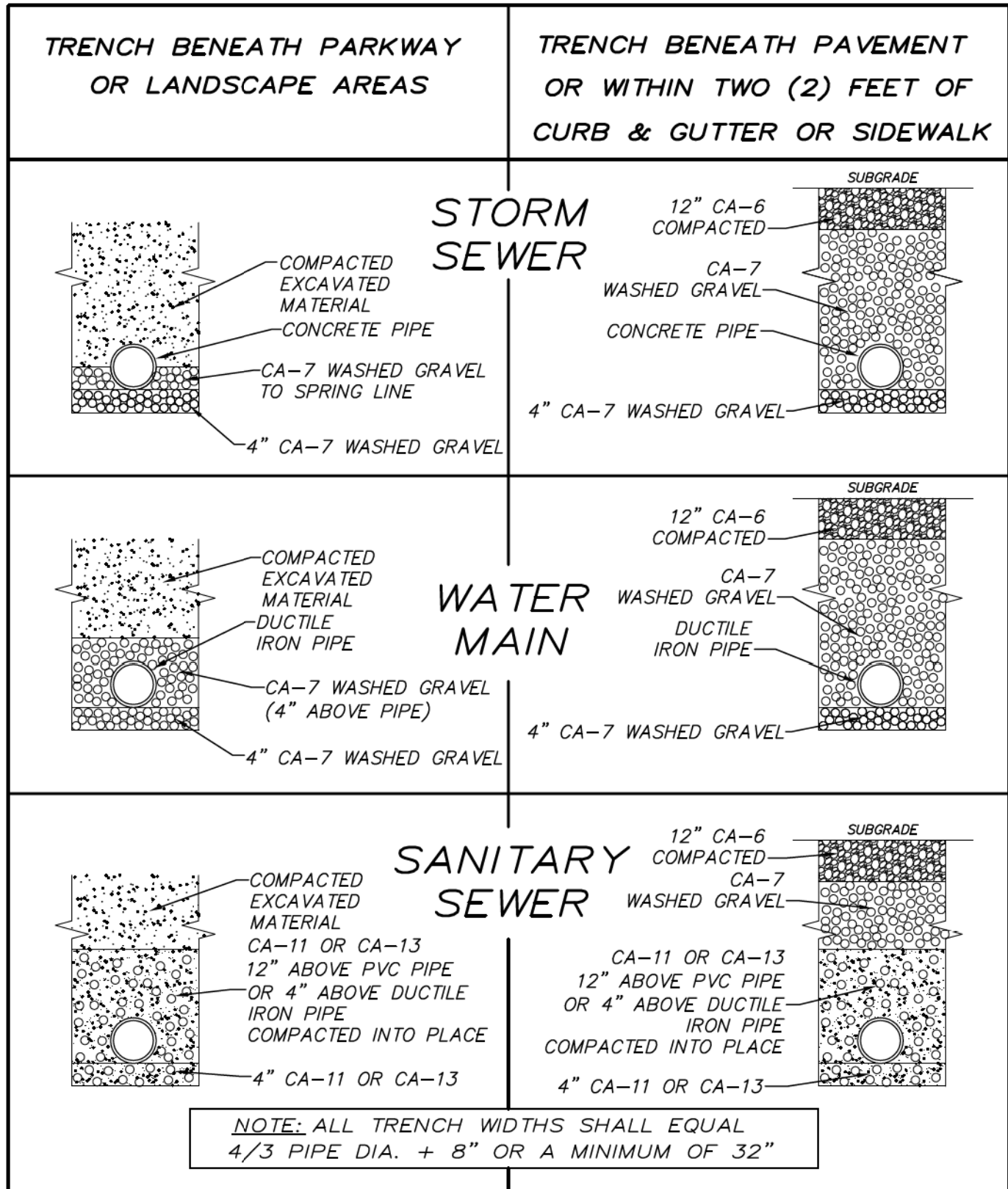
N.T.S. SHEET 1 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	45
ILLINOIS			CONTRACT NO. XXXXX	



DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
FILE NAME	



**TRENCH BACKFILL DETAIL**

SCALE: NONE	DATE: 2-16-07	DRAFTER: NOR	NO. 1	REVISIONS: MISC UPDATES	BY: SW	DATE: 2/10
VILLAGE OF HOFFMAN ESTATES		FILE NAME: TYP-TREN2.DWG		SHEET NO. 1 OF 1		
TRANSPORTATION & ENGINEERING DIVISION						

DESIGNED - KDC	REVISED -
DRAWN - JFG	REVISED -
CHECKED - DJK	REVISED -
DATE - 9/06/2024	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	47
CONTRACT NO. XXXXX				
ILLINOIS				

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FILE NAME: ...33836-Detail.dwg

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATION CURVD		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
NO.	ROAD FILE NAME		

MODEL: SMODELNAMER  
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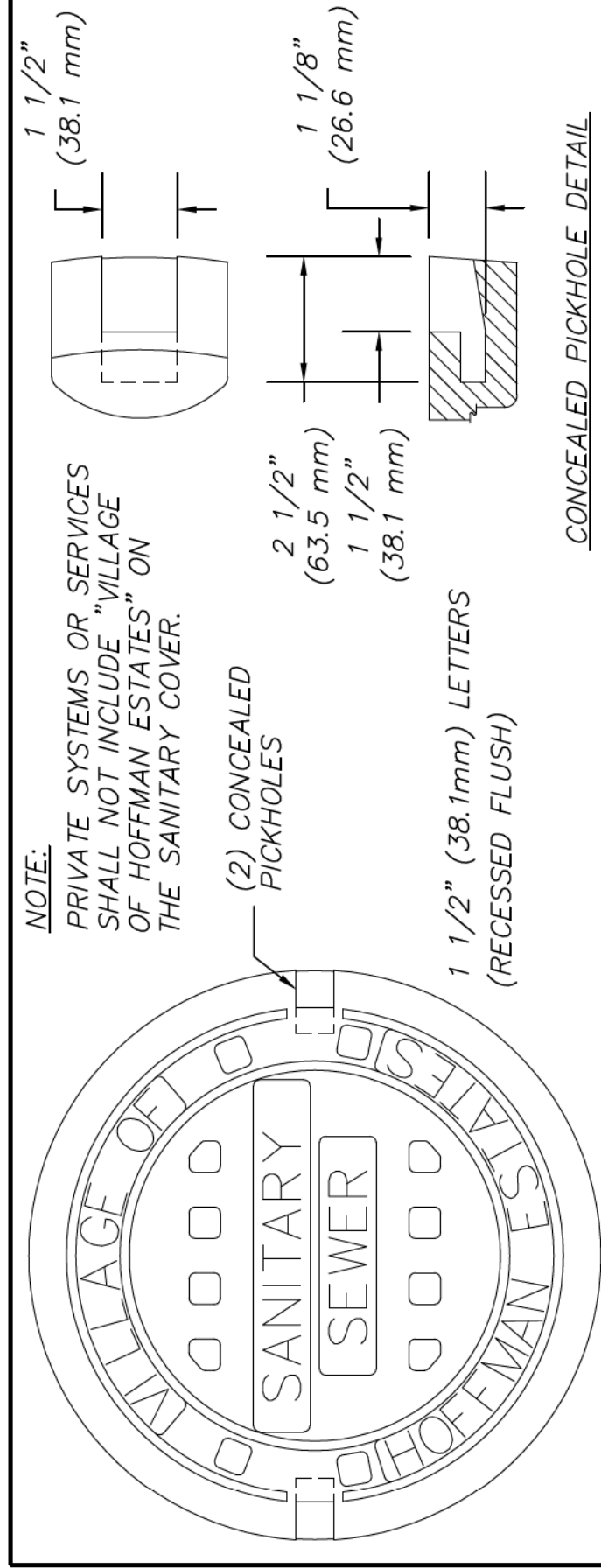
DESIGNED	-	KDC	REVISED	-
DRAWN	-	JFG	REVISED	-
CHECKED	-	DJK	REVISED	-
DATE	-	9/06/2024	REVISED	-

STATE OF ILLINOIS  
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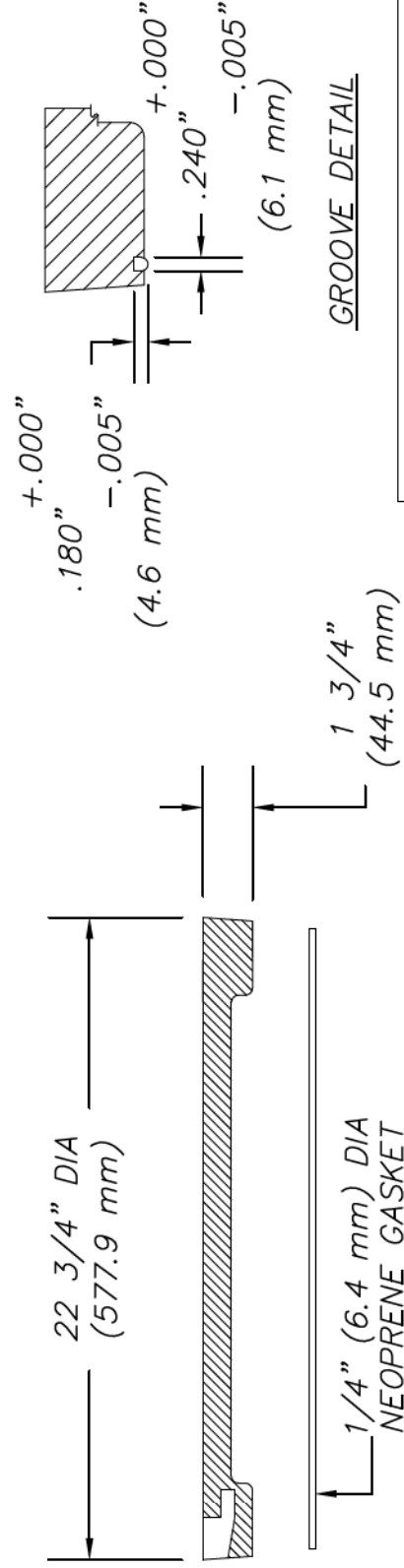
SHEET 4 OF 4 SHEETS

CONSTRUCTION DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-R5	COOK	54	48
CONTRACT NO. XXXXX			ILLINOIS	



CONCEALED PICKHOLE DETAIL



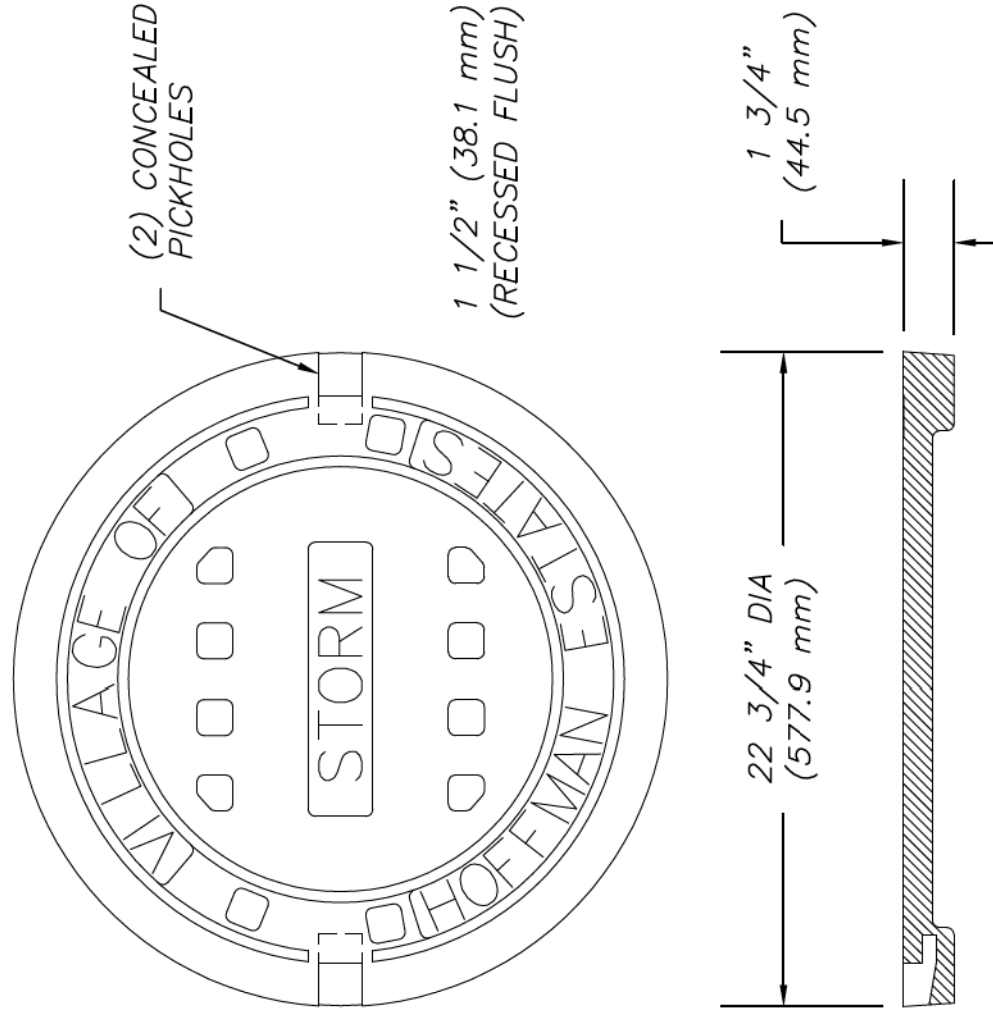
HEAVY DUTY  
MAT'L ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WT: 125 LBS (56.7kg)

MANHOLE COVER WITH  
GROOVED GASKET SEAL  
& CONCEALED PICKHOLES  
TO REDUCE SURFACE  
WATER INFLOW.

**SANITARY COVER DETAIL**

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

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

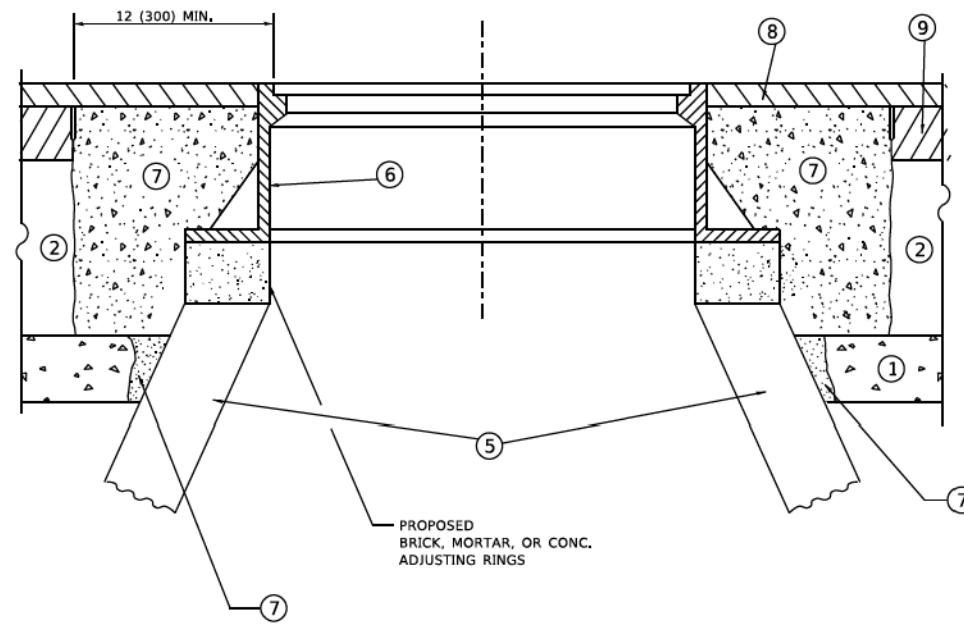
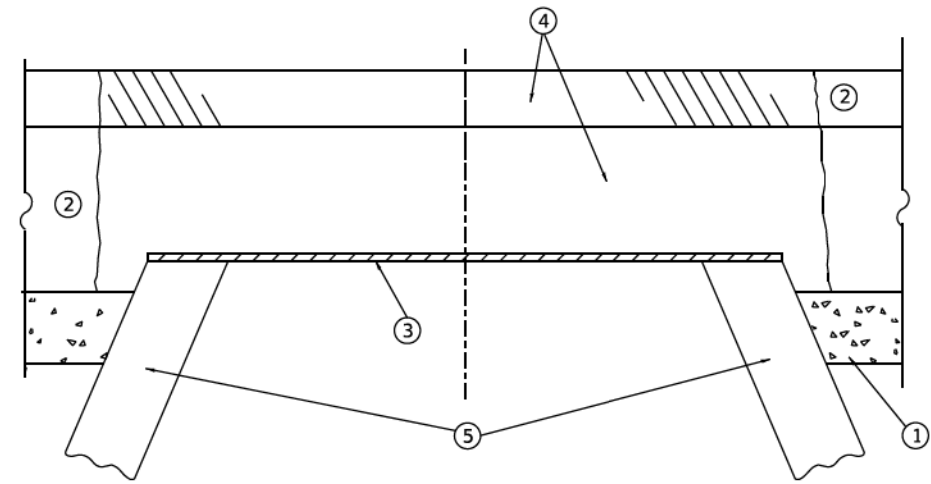


HEAVY DUTY  
MAT'L ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WT: 125 LBS (56.7 kg)

**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 TRANSPORTATION & ENGINEERING DIVISION	FILE NAME:	SHEET NO.			
	STRMCOVER.DWG	1 OF 1			





**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.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- 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

MODEL: Default  
FILE: I:\MANUALS\PROJECTS\22-00112-00-RS\22-00112-00-RS.dgn

USER NAME - Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
PLOT SCALE = 100,0000 * / in.	DRAWN -	REVISED - R. BORO 12-06-11
PLOT DATE = 9/15/2023	CHECKED -	REVISED - K. SMITH 11-18-22
	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

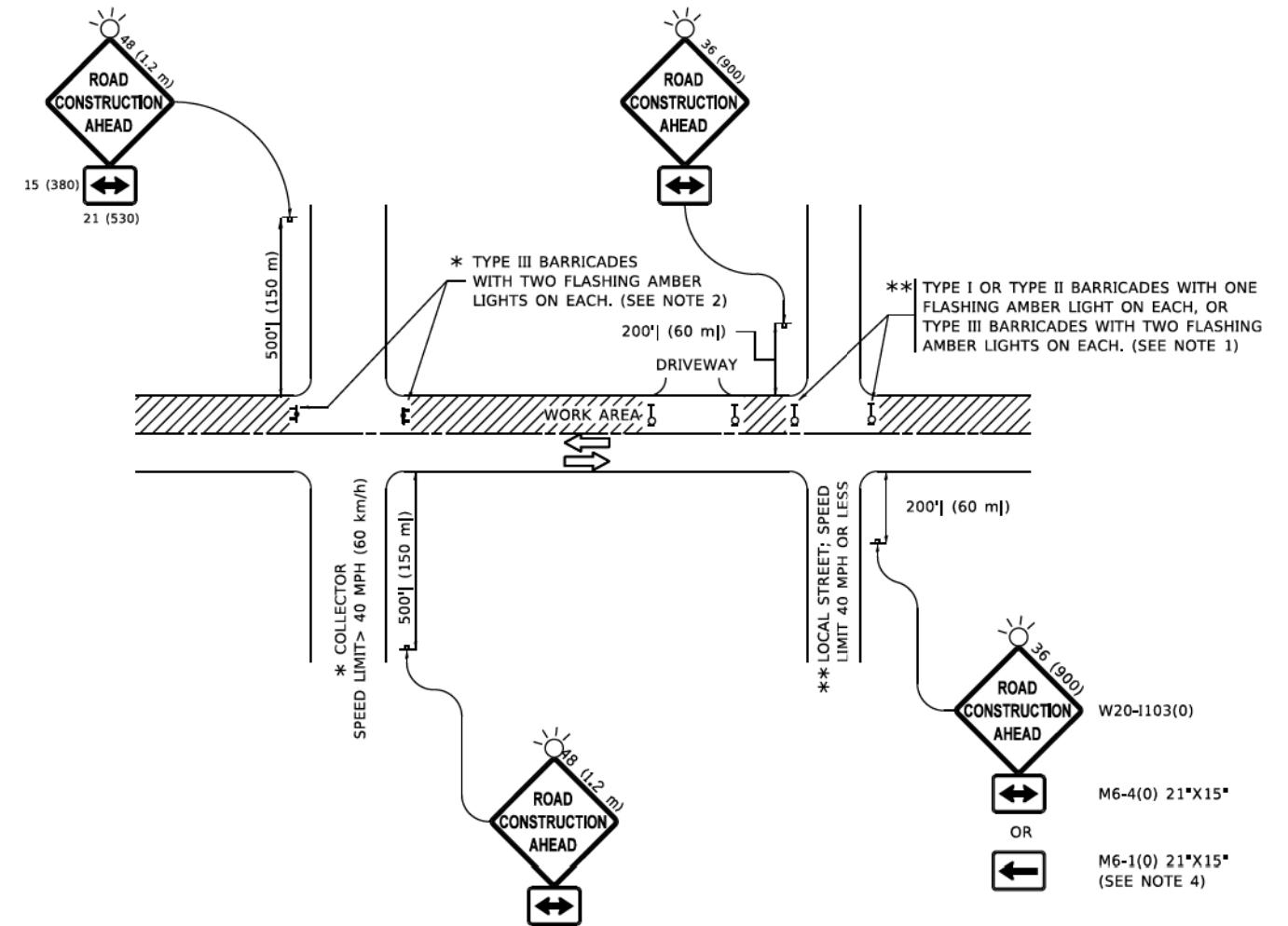
**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 1100	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 54	SHEET NO. 50
BD600-03 (BD-08)			CONTRACT NO. XXXXX	
ILLINOIS FED. AID PROJECT				







**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:
  - 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.
  - 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:
  - 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 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) IN HEIGHT.
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

MODEL: Default  
FILE: W:\MSD\Projects\2024\24-0000\24-0000\24-0000\CADD\DATA\CADD\KES10.dgn

USER NAME	Lawrence,DeManche	DESIGNED	L.H.A.	REVISED	T. RAMMACHER 01-06-00
		DRAWN	-	REVISED	A. SCHUETZE 07-01-13
PLOT SCALE	= 100,0000 * / in.	CHECKED	-	REVISED	A. SCHUETZE 09-15-16
PLOT DATE	= 5/3/2024	DATE	06-89	REVISED	D. SENDERAK 05-03-24

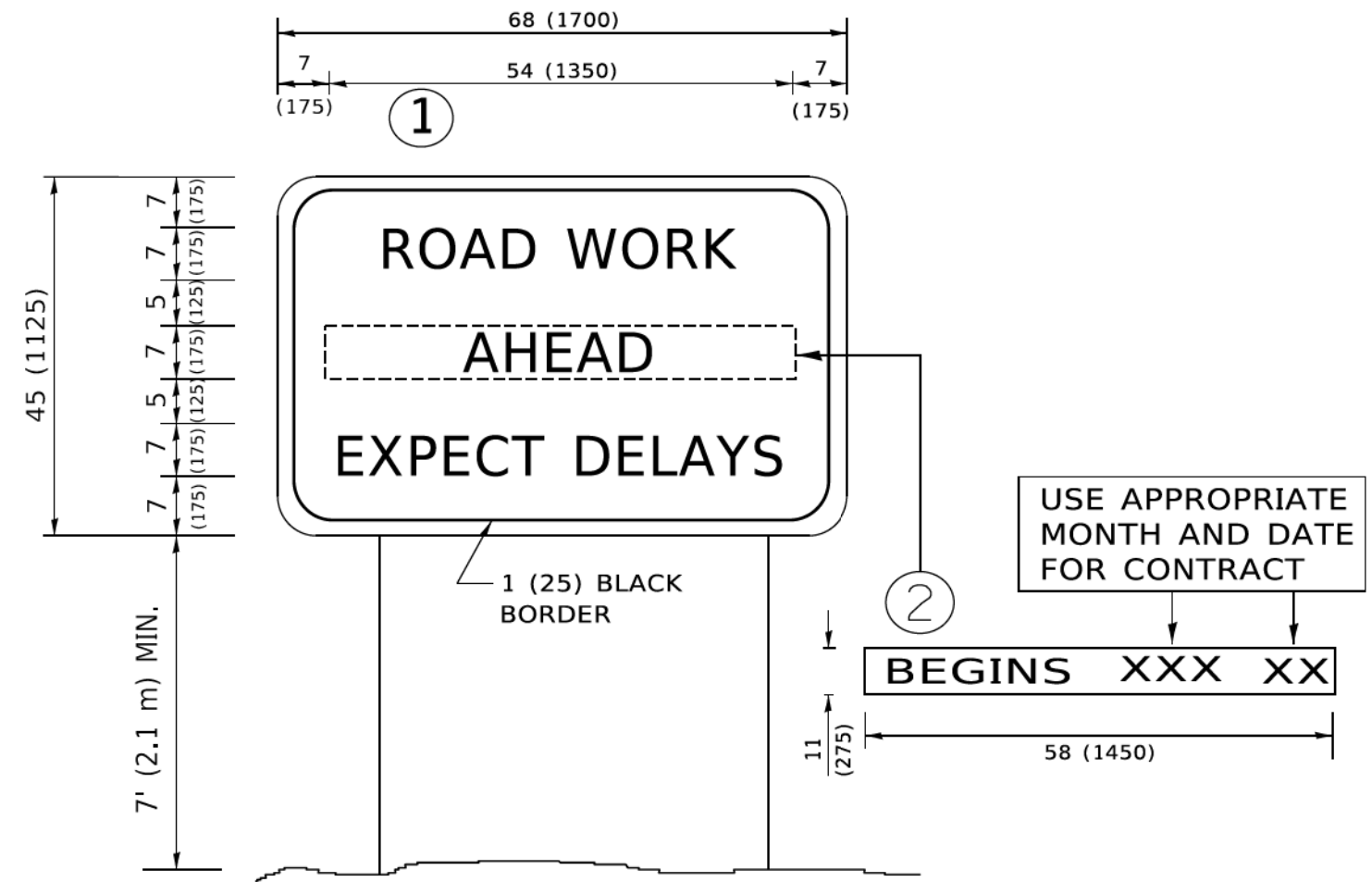
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	52
<b>TC-10</b>			CONTRACT NO. XXXXX	
ILLINOIS FED. AID PROJECT				





**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.

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

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USER NAME	DESIGNED -	REVISED - R. MIRS 09-15-97
footemj	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE	CHECKED -	REVISED - T. RAMMACHER 02-02-99
50,0000 ' / In.	DATE -	REVISED - C. JUCIUS 01-31-07
PLOT DATE		
3/4/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	22-00112-00-RS	COOK	54	54
TC-22		CONTRACT NO. XXXXX		
ILLINOIS FED. AID PROJECT				