



County: Kendall
Local Public Agency: Kendall County Highway Department
Section Number: 22-00168-00-EG
Route: FAS 285 (Ridge Road)

Project Number: Project Length: 4.5 miles

Street/Road Name: County Highway 11 (Ridge Road)

Termini: Holt Road to Black Road

For Township or Road District bridge projects: The County Engineer certifies that the project design speed exceeds the minimum design speed recommended for this classification of roadway as provided in the BLRS Manual in order to prevent a deficient NBIS rating for approach roadway alignment appraisal. All elements have been designed to the chosen design speed unless noted otherwise in Section 2(e) and/or the attached BLR 22120.

County Engineer Date

Categorical Exclusion and Design Approval Recommended

Local Agency signature and date 4-15-24

Regional Engineer signature and date 04/24/2024

This project will not have any significant impacts on the human environment; therefore, the FHWA approves the project as a Categorical Exclusion on 06/04/2024 Date

Design Approval

Bureau of Local Roads & Streets signature and date 06/08/24

1. LOCATION AND EXISTING CONDITIONS

a. Location (attach location map to supplement narrative description)

County Highway 11 (Ridge Road) is located in Kendall County in Sections 1, 2, 11, 12, 13, 14, 23, 24, 25 and 26 (Township 35 North, Range 8 East) of Seward Township. The project is located from Holt Road (Village of Minooka) continuing northerly to Black Road (City of Joliet). The project length is 4.5 miles, from Sta. 71+73 to Sta. 306+23 along C.H. 11. See Attachment 1 for the Location Map.

b. Description of Existing Facility - Give narrative description, including such items as width of travel, parking and turn lanes, sidewalks, alignment, traffic control devices, utilities, jurisdiction, maintenance responsibility, drainage, terrain and current land use (including major public facilities and local landmarks). Attach existing typical sections showing roadway widths, bridge widths, ROW widths, sidewalk widths, guardrail, curb and gutter and surface types.

C.H. 11 interchanges with Interstate Route 80 just south of this study and is used as a main thoroughfare to the suburbs around Shorewood, Joliet, and Plainfield.

C.H. 11 is functionally classified by IDOT as a Minor Arterial and also a Strategic Regional Arterial as part of the previous WIKADUKE study. See Attachment 1 for the Roadway Classification Map.

C.H. 11 is a rural, two lane highway with a hot-mix asphalt wearing surface and hot-mix asphalt/aggregate shoulders. The lane widths are approximately 11' with 4' shoulders. The posted speed limit throughout the project limits is 55 mph. The alignment is generally on tangent with no horizontal curves. See Attachment 2 for the existing typical sections.

The predominant land use within the project limits is farm land. However, there are 14 residential properties, 2 residential subdivisions and 1 commercial property abutting C.H. 11 as well. The Summerfield subdivision is located along the west side of C.H. 11 near the south project limits, and the Hunters Ridge subdivision is located along the west side of C.H. 11, just north of Jones Road.

Utilities within the project limits include underground gas (Nicor), underground pipelines (Kinder Morgan, TC Energy, Enbridge, Oneok, DuBuque), overhead/underground power (ComEd), fiber optic and telephone lines.

C.H. 11 is under the jurisdiction and maintenance responsibility of the Kendall County Highway Department.

c. Traffic Data

Current ADT:	11,300 at Holt Road	% trucks:	10% at Holt Road
	<u>7,550 at Black Road</u>		<u>5% at Black Road</u>

Will 80,000 trucks be legally permitted on this route? Yes No

Design Year:	2050	ADT:	20,500 (at Holt)	DHV:	2,050 (at Holt)	% trucks:	10% (at Holt)
			<u>14,300 (at Black)</u>		<u>1,430 (at Black)</u>		<u>5% (at Black)</u>

- d. **Structures** - Identify location within the proposed improvement of all structures on attached location map. Attach a copy of the Structure Master Report for all structures within the project limits. Attach a copy of the Bridge Condition Report or the Bridge Deck Resurfacing approval letter for structures to be replaced, rehabilitated, or resurfaced.

Structure number 047-0311 is within the projected limits. This bridge which carries Ridge Road over a tributary to Aux Sable Creek is scheduled to be replaced with a four lane structure in 2024 under a separate contract.

As part of this project, a raised median will be constructed on the bridge to complete the typical section proposed along the route, and guardrail will be modified to accommodate the proposed lane configuration.

- e. **Railroads** - Identify location of all railroad crossings on attached location map and complete the following:

Railroad Name	No. and Type of Tracks (Main or Switching)	Type of Warning Devices*	No. of Trains Per Day	Railroad Width of Crossing at Rt. Angles
N/A				

*Include a sketch showing location of railroad protective devices from the edge of roadway and to the nearest track.

- f. **Contiguous Sections** - Describe the existing typical sections at each end of the proposed improvement including number of travel lanes, turning lanes and parking lanes, lane widths and roadway width (f-f of curbs or e-e of shoulders), and sidewalk width.
At both the south and north ends of the study, C.H. 11 is a four lane urban roadway with 12' lanes abutted by curb and gutter with a raised 18' median.

2. Proposed Improvement

- a. Discuss the purpose and need of the project:
Due to the high volume of traffic, operational and safety concerns are evident along this segment of C.H. 11. The purpose of this project is to improve the level of service and safety between Holt Road and Black Road; and provide roadway continuity along the C.H. 11 corridor.

- b. What design guidelines will be used for the proposed improvement? (Check One)

- Rural (BLRS Manual Chapter 32)
- Urban (BLRS Manual Chapter 32)
- Suburban (BLRS Manual Chapter 32)
- 3R Guidelines (BLRS Manual Chapter 33)
- Bicycle Guidelines (BLRS Manual Chapter 42)
- Pedestrian Guidelines
- Other:

Functional Classification: Arterial Collector Local Road Other _____

Terrain: Level Rolling

Regulatory or Posted Speed Limit: 55 Design Speed: 45

- c. Describe type of work to be accomplished by the improvement. Discussion should include width of proposed travel, parking, bicycle and turning lanes, sidewalks, shared-use paths, guardrail, traffic control devices, drainage items (including storm sewer outfalls), alignment changes, railroad work, utility adjustments, intersection improvements, side slopes and clear zones. Specify the e_max for horizontal curves. Attach typical sections, plan and profile sheets, and intersection design studies when applicable.

C.H. 11 will be fully reconstructed and expanded to four lanes. Travel lanes will be 12' wide, with an 18' raised median and 8' shoulders. The median will be abutted by B-6.24 concrete curb and gutter. Design speed is 45 mph and the new posted speed limit throughout the improvement will be 45 mph.

The alignment will generally follow the existing vertical and horizontal alignment. Minor vertical alignment changes are proposed to bring the roadway to policy.

All cross road pipes will be replaced in existing locations. Drainage will utilize existing open ditches throughout the project limits with isolated locations requiring storm sewer at the north and south project limits.

Accommodations for a shared use path will be provided from the job termini to the subdivisions at the north and south ends of the project.

There are no parking lanes proposed.

- d. Discuss items affecting improvement such as hazardous mailbox supports, parking and truck restrictions, mail delivery from traffic lanes, justification (including warrants) for multi-way stop signs, traffic signals and other traffic control and railroad protective devices, stage construction, nearby airports, and additional lighting:

Hazardous mailbox supports:

None.

Parking and Truck restrictions:

Parking will not be allowed along C.H. 11. There will be no restrictions on truck legal loads.

Mail delivery from traffic lanes:

Mail will be delivered along the proposed paved shoulder.

Justification for Multi-way Stop Signs, Traffic Signals and Other Traffic Control Devices:

Traffic signals will be retained at the US 52 intersection. See Attachment 4 for the US 52 Intersection Design Study.

Traffic signals will be installed at the Black Road intersection as a commitment to the City of Joliet. See Attachment 12 for meeting minutes.

Stage Construction:

The project is proposed to be accomplished under one construction contract.

Nearby Airports:

There are no publicly owned airports within 2 miles, privately owned airports within 1 mile or restricted landing areas within 0.5 miles of the project location.

Additional Lighting:

Street lighting will be included at the south end of the project within the Village of Minooka limits up to Wildy Road and at the north end of the project within the City of Joliet.

- e. Identify each aspect to be constructed at less than the design guidelines and provide a clear description of required design variances and appropriate justification. (BLRS Manual Section 27-7). If a design variance is required, include a copy of the approved BLR 22120 form as an attachment.
N/A

f. Current estimated cost of proposed improvement? \$ 33,802,000 (Attachment 6)

- g. Analyze the need for accommodating pedestrians, bicyclists and the handicapped. When applicable, describe the facilities to be provided for pedestrians and bicyclists. Discuss the ADA accessibility and maximum longitudinal grade of these facilities. (BLRS Manual Chapter 41)

Due to the largely rural nature of the adjoining corridor, minimal pedestrian movement is anticipated. Accommodations for a future shared use path to be constructed by the Village of Minooka is being provided from the southern project limits to the Summerfield subdivision. Also, a shared use path is proposed to provide linkage from the Hunter's Ridge subdivision to the northern project limit in Joliet. The shared use path will be designed with the appropriate parameters to accommodate ADA accessibility for potential pedestrians.

Sidewalks/Shared-Use Paths:

Maximum 2% crosslope: Yes No Not Applicable

ADA ramps with detectable warnings at street intersections: Yes No Not Applicable

If no, provide justification.

- h. Discuss any proposed improvements being considered in adjacent segments including the anticipated construction startup date of these improvements.
There are no improvements being considered adjacent to the the project.

3. Crash Analysis (BLRS Manual Section 22-2.11(b)(9))

- a. Summarize crash data for the past five years, including a spot map or a location map showing crash locations when possible. Detail the types of crashes and include collision diagrams, if possible, especially at cluster sites. Give the source of this data.

The five year period analyzed was from 2017 to 2021. During the five year period, a total of 147 crashes occurred within the project area. The collisions are comprised of rear-end (31.3%), fixed object (19.7%), turning (15.7%), and angle (12.2%). Crash reports and data were provided by the Illinois Department of Transportation.

54 of the 147 collisions occurred at US-52, which was improved with auxiliary lanes and signals in 2022-2023. This leaves 93 collisions within the unimproved project area.

Cluster sites occurred at intersections with US-52 (36.7%), Bell Road (18.4%), and Wildy Rd (12.9%). (See Attachment 5 for a collision diagram and detailed crash report.)

- b. Analyze available crash data including results of field check. Discussion should include high crash locations, critical wet weather sites, and other crash patterns. If the data is inconclusive, make a statement to that effect.

Of the 93 collisions inside the unimproved project area, 33 resulted in injury, including 1 fatality. The single fatality resulted from a head-on collision just south of Khater Drive. In the unimproved project area, fixed-object collisions were most common (27 of the 93 collisions), followed by rear-end (21 collisions).

In the years 2017 to 2021, 36.7% of crashes in the overall study area occurred at the US-52 intersection. The C.H. 11/US 52 intersection was improved in 2022-2023 with the addition of auxiliary lanes and traffic signals. Of the crashes that occurred at this intersection, the majority are comprised of rear-end (46.4%) followed by angle collisions (25.0%). The added signals and auxiliary lanes effectively address and are expected to alleviate the risk of rear-end and angle collisions at this intersection.

Away from the US-52 intersection, C.H. 11 has a speed limit of 55 mph and mildly rolling terrain, which makes all turning movements at the intersections prone to rear-end, angle and turning crashes. Further, traffic turning from the side roads are continuously looking for gaps in mainline traffic to enter the roadway. Sight-distance is another concern with head-on collisions.

The majority of crashes occurred during dry and clear conditions. 13 of the 93 collisions (in the unimproved area) involved skidding or loss of control. Capacity, lack of auxiliary lanes, and lack of sight-distance appear to be the major factors influencing accidents in the project area.

- c. Describe how the proposed project will address any crash issues.

In addition to the additional lanes and proposed shoulders along the corridor, right turn lanes are proposed at all intersections. Moving the turning traffic out of the through lanes where they operate today will alleviate many of the rear-end and turning collisions. This will also get right-turning traffic out of the sightline of side-road traffic entering C.H. 11 as well.

As mentioned previously, the 2022-2023 improvements to the US-52 and C.H. 11 intersection have already addressed a large number of collision risks inside the project area.

4. Right-of-Way

- a. Describe the right-of-way taking, including the total acreage required for each of the following categories: ROW, permanent easements, temporary easements and temporary land use permits. Include the width of taking, number of property owners, acreage of right-of-way and/or easements, character of land; i.e., farm, residential, commercial or publicly owned properties, anticipated impacts to properties that remain, and location of any improvements with respect to required right-of-way. Discuss any impacts on setbacks required by zoning.

Due to the proposed roadway expansion, generally 40' of right-of-way will be required from the properties along both sides of Ridge Road for the entirety of the project. To reduce impacts, curb and gutter is proposed along the 14 residential properties where the homes sit near the roadway.

No total takes are proposed and there will be no impacts on setbacks required by zoning.

Proposed ROW is required from 38 parcels (32 property owners) with the following acreage by land use:

Land Use	Acreage
Farm	19.1
Residential	4.1
Commercial	0.4
TOTAL	23.6

- b. Are any residents, businesses or farms to be displaced?

Yes No

If yes, describe the number and type of displacements anticipated and mitigation that will be taken to provide relief for this impact on an attached sheet.

5. Prime Farmland (BLRS Manual Section 20-10)

- a. If the project requires more than 3 acres/mile (0.75 hectares/kilometers), 10 acres (4 hectares) for a non-linear improvement, or the project ROW is not contiguous to the existing ROW, contact the Illinois Department of Agriculture and attach results of the coordination and summarize the results below.

See Attachment 7 for Department of Agriculture coordination.

- b. The project requires consultation with the Natural Resource Conservation Service., Form AD-1006 has been completed and submitted to the local office of NRCS. The completed AD-1006 form is attached.
- The impact of this project on farmland conversion has been evaluated in accordance with the requirements of the US Natural Resources (NRCS). The project will cover 3 acres or less of farmland per mile (0.75 hectares or less of farmland per kilometer) and the conversion will not result in more than minor impacts. Accordingly, the project conforms to the general form AD-1006 prepared by NRCS. Therefore, further coordination with NRCS on this project will not be necessary.

6. Floodplain Encroachment (BLRS Manual Section 20-7)

Does the proposed work cross or encroach upon a 100-year floodplain, including a regulatory floodway?

Yes No

If yes, summarize the location hydraulics study, regulatory floodway restrictions, the effect of any encroachment (including a comparison between existing and proposed conditions) and the effect of over-the-road flow on the proposed transportation facility. Attach any available floodplain maps.

7. Phase I & II NPDES Storm Water Permit Requirements (BLRS Manual Section 7-4.01)

Will the project involve soil disturbance of 1 acre (0.4 hectares) or more?

Yes No

If yes, the project must comply with the Phase II NPDES Storm Water Permit Requirements.

8. "404" Permit (BLRS Manual Section 7-4.02)

Does this project involve waters regulated by Section 404?

Yes No

If yes, what type of 404 permit is required? Nationwide Individual Regional None

Attach a copy of any 404 permit authorization and/or coordination letters with the Corps of Engineers.

If an individual Section 404 permit is required, please notify the Illinois Department of Transportation district office before submitting the application.

Coordination with the Army Corps of Engineers will occur during Phase II in 2024.

9. Special Waste (BLRS Manual Section 20-12)

a. Following the special waste assessment screening criteria shown on Figure 20-12A of the BLRS Manual, is Preliminary Environmental Site Assessment (PESA) required?

Yes No

b. Is work being done on property in the name of the state or are contract plans being prepared by the state?

Yes No

c. If a PESA is required for either state or local ROW, did the PESA results determine that the project has Recognized Environmental Conditions (REC's) for special waste?

Yes No

If the PESA results determine that the project contains REC's, describe how the special waste is proposed to be handled (including if a Preliminary Site Investigation (PSI) is required).

The PESA recommends a PSI be conducted along the project corridor to address sites where RECs were found. The findings of the PSI will determine potential pay items for soil management and will be completed during Phase II. See Attachment 8 for PESA information.

10. **Environmental Survey (BLRS Manual Section 20-2)**

Whenever a project involves land acquisition (including easements), any in-stream work (including drainage structure run-around), is located within or adjacent to historic properties listed in (or eligible for) the National Register of Historic Places, a bridge on the historic list, is near wetlands, or known locations of threatened or endangered species, the Environmental Survey Request Form should be submitted early in the project development phase.

- a. Wild and Scenic Rivers - If this project crosses or affects a river on the National Wild and Scenic Rivers System or a river listed in the Nationwide Inventory of Rivers with potential for inclusion on the system, include coordination between the National Park Service and the Bureau of Design and Environment (BDE).

Involvement No Involvement

- b. Wetlands - Does the proposed work impact the use of regulatory wetlands?

Yes No

If yes, indicate how the wetlands will be migrated. Banking Accumulation On-site Other

- c. Archaeological and Historical Preservation Include results of coordination. Does the project impact an archaeological or historic preservation site?

Yes No

If yes, describe any required documents.

One property along the project limits was identified as eligible for the National Register of Historic Places by SHPO. This property does not abut C.H. 11 (abuts Jones Road), therefore there are no direct impacts to the property. See Attachment 8 for cultural coordination.

- d. Threatened or Endangered Species – Does the project impact any endangered species or plants?

Involvement No Involvement

Include copy of biological resources memorandum or signoff by BDE and/or IDNR (See Attachment 8).

- e. Stream Modification and Wildlife Impacts - Include copies of any correspondence between BDE and IDNR or U.S. Fish and Wildlife Service. Attach copies of any additional coordination between local agency and IDNR or U.S. Fish and Wildlife Service whenever required as a result of biological review by BDE. Address any proposed mitigation measures.

Involvement No Involvement

11. **Section 4(f) Lands (BLRS Manual Section 20-3)**

- a. Does this project require any right-of-way, including temporary construction easements, from a publicly owned park, recreational area, wildlife and waterfowl, or any historic site in or eligible for the National Register of Historic Places?

Yes No

- b. If yes, what type of the Section 4(f) involvement has been completed?

Section 4(f) de minimis Standard Section 4(f) Temporary Occupancy None

12. **Air Quality (BLRS Manual Section 20-11)** Check One:

- a. This project is in an attainment area.

Projects within a portion of a nonattainment area for which the Chicago Metropolitan Agency for Planning (CMAP) is the MPO.

This project is included in the FY 2024-2028 (transportation plan) and in the Transportation Improvement Program (TIP), endorsed by the CMAP, the region's Metropolitan Planning Organization. The FY 2024-2028 – TIP ID 09-22-0008 (transportation plan) was found to conform by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) on 1/12/2023.

The TIP was found to conform by FHWA on 1/12/2023 and by FTA on 1/12/2023.

- Projects within a nonattainment area served by a Metropolitan Planning Organization other than CMAP.

This project is included in the Long-Range Transportation Plan and in the _____ Transportation Improvement Program (TIP) endorsed by _____, the Metropolitan Planning Organization (MPO) for the region in which the project is located.

On _____ the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) determined that the Long-Range Transportation Plan conforms with the transportation-related provisions of the Clean Air Act Amendments of 1990. The FHWA and the FTA determined on _____ that the TIP conforms with the Clean Air Act Amendments. These findings were in accordance with 40 CFR Part 93, "Criteria and Procedures for Determining Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and projects Funded or Approved Under Title 23 USC or the Federal Transit Act."

The project's design concept and scope are consistent with the project information used for the TIP conformity analysis. Therefore, this project conforms to the existing State Implementation Plan and the transportation-related requirements of the 1990 Clean Air Act Amendments.

b. Mobile Source Air Toxics (See BDE PM 52-06)

This project will not result in any meaningful changes in traffic volumes, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions relative to the no-build alternative. As such, FHWA has determined that this project will generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special Mobile Source Air Toxic concerns. Consequently, this effort is exempt from analysis for MSATs.

Moreover, EPA regulations for vehicle engines and fuels will cause overall MSATs to decline significantly over the next 20 years. Even after accounting for a 64 percent increase in VMT, FHWA predicts MSATs will decline in the range of 57 to 87 percent, from 2000 to 2020, based on regulations now in effect, even with a projected 64 percent increase in VMT. This will both reduce the background level of MSATs as well as the possibility of even minor MSAT emissions from this project.

c. Construction-related Particulate Matter

Demolition and construction activities can result in short-term increases in fugitive dust and equipment-related particulate emissions in and around the project area. (Equipment-related particulate emissions are usually insignificant when equipment is well maintained.) The potential air quality impacts will be short-term, occurring only when demolition and construction work is in progress and local conditions are appropriate.

The potential for fugitive dust emissions typically is associated with building demolition, ground clearing, site preparation, grading, stockpiling of materials, on-site movement of equipment, and transportation of materials. The potential is greatest during dry periods, periods of intense construction activity, and during high wind conditions.

The Department's *Standard Specifications for Road and Bridge Construction* include provisions on dust control. Under these provisions, dust and airborne dirt generated by construction activities will be controlled through dust control procedures or a specific dust control plan, when warranted. The contractor and the Department will meet to review the nature and extent of dust-generating activities and will cooperatively develop specific types of control techniques appropriate to the specific situation. Techniques that may warrant consideration include measures such as minimizing track-out of soil onto nearby publicly-traveled roads, reducing speed on unpaved roads, covering haul vehicles, and applying chemical dust suppressants or water to exposed surfaces, particularly those on which construction vehicles travel. With the application of appropriate measures to limit dust emissions during construction, this project will not cause any significant, short-term particulate matter air quality impacts.

d. Project-level Hot Spot Analysis. Check One:

- This project is in an attainment area and does not require a hot spot analysis.
- This project does not meet the definition of a project of air quality concern as defined in 40 CFR 93.123(b)(1).
Due to _____

it has been determined that the project will not cause or contribute to any new localized PM_{2.5} or PM₁₀ violations or increase the frequency or severity of any PM_{2.5} or PM₁₀ violations. USEPA has determined that such projects meet the Clean Air Act's requirements without any further Hot-Spot analysis.

- This project is in a non-attainment or maintenance area and is a project of air quality concern. Therefore, a qualitative hot spot analysis is required. See Attachment _____ .

e. COSIM

Are through lanes or auxiliary turn lanes being added with this project?

- Yes No

If yes, has a COSIM pre-screen analysis been completed?

- Yes No

If yes, pre-screen analysis is attached as Attachment _____ .

If no, explain why an analysis has not been performed.

If yes, did the COSIM pre-screen analysis pass or fail? Pass Fail

If the COSIM pre-screen analysis failed, a full COSIM analysis would be required.

In accordance with the IDOT-IEPA "Agreement on Microscale Air Quality Assessments for IDOT Sponsored Transportation Projects," this project is exempt from a project-level carbon monoxide air quality analysis because the highest design-year approach volume on the busiest leg of the intersection is less than 5,000 vph or 62,500 ADT.

13. Noise (BLRS Manual Section 20-6)

- The referenced project meets the criteria for a Type III project established in 23 CFR Part 772. Therefore, the proposed project requires no traffic noise analysis or abatement evaluation. Type III projects do not involve added capacity, construction of new through lanes, changes in the horizontal or vertical alignment of the roadway, or exposure of noise sensitive land uses to a new or existing highway noise source.
- Based on the traffic noise analysis and noise abatement evaluation conducted, highway traffic noise abatement measures are likely to be implemented based on preliminary design. The noise barriers determined to meet the feasible and reasonable criteria are identified on the attachment. If it subsequently develops during final design that constraints not foreseen in the preliminary design or public input substantially change, the abatement measures may need to be modified or removed from the project plans. A final decision of the installation of the abatement measure(s) will be made upon completion of the project's final design and the public involvement process.

If this project involves a new alignment, additional lanes, or involves a significant alignment change, attach a traffic noise analysis.

A noise study was completed by Huff and Huff, Inc. The study determined that under the 2050 Build scenario, no receptor locations exceed policy noise levels that weren't singular receptors. Therefore, noise abatement measures will not be needed as part of this project. See Attachment 9 for a noise summary.

14. Work Zone Transportation Management Plans

Does the project intersect or follow a state route?

- Yes No

Is the state or local route considered a significant route?

- Yes No Not Applicable

If yes, describe how the Work Zone Transportation Management Plan is being implemented.

15. Complete Streets (BLRS Manual Chapter 10)

Does the project include the addition of a travel, turning, or bi-directional turn lane on a state highway?

- Yes No

If yes, describe how the Complete Streets Law requiring accommodating bicyclists on a state route apply.

State Route US 52 is the only state route within the project limits that intersects C.H. 11. It is outside 1 mile of the municipal boundaries and thus not required for further analysis per BDE Manual 17-1.02.

16. **Maintenance of Traffic (BLRS Manual Section 22-2.11(b)(9))**

Discuss how vehicle traffic and pedestrians will be accommodated during construction, including the impacts of any road and/or sidewalk closure. If the road will be closed, include information concerning location of alternate routes, their ability to handle the additional traffic (street width, number of traffic lanes, structural adequacy, etc.), and the amount of adverse travel. When a marked detour route will be provided, include coordination with appropriate agencies, a description of the adverse travel, and include a map showing the alternate routes or marked detour in the report.

The project will be constructed utilizing stage construction following IDOT traffic control standards. Two or three stages will be required to maintain one lane in each direction on C.H. 11 for the entirety of construction. Minor side roads will be closed for short durations intermittently, to allow for each to be constructed. Detours will not be required for the sideroad closures. The intersection with US 52 will be constructed utilizing stage construction.

17. **Public Involvement (BLRS Manual Chapter 21)**

- a. Summarize public informational meetings, formal public hearings, property owner signoffs, council or board meetings, media coverage, and personal contact with public. Include copies of newspaper advertisements, letter to property owners, public comments, and documents showing all public comments have been addressed.

Public Informational Meeting #1:

The first public informational meeting was held on May 23, 2022 at Jones Elementary School to introduce the study to the public and to solicit input on transportation needs within the project corridor. The meeting was advertised 28 days in advance and letters were sent to all adjacent landowners 14 days in advance. The meeting was conducted on an informal open house basis. Exhibits were on display and representatives from the Kendall County Highway Department and their consultant were present to receive input, provide information, and answer questions. See Attachment 10 for a sample stakeholder letter and for a stakeholder list. A summary of PIM #1 can be found in Attachment 10, which includes any comment received during the public comment period.

Public Informational Meeting #2:

The second public informational meeting was held on November 16, 2023 at Jones Elementary School to discuss the findings of the engineering and environmental studies, present the purpose and need statement, present the preferred improvement and solicit public input. The meeting was advertised 28 days in advance and letters were sent to all adjacent landowners 14 days in advance. The meeting was conducted on an informal open house basis. Exhibits were on display and representatives from the Kendall County Highway Department and their consultant were present to receive input, provide information, and answer questions. See Attachment 10 for a sample stakeholder letter and for a stakeholder list. A summary of PIM #2 can be found in Attachment 10, which includes any comment received during the public comment period.

- b. Has any opposition been expressed toward the improvement?

Yes No

If yes, briefly discuss the type and extent of opposition.

- c.

If yes, discuss how the opposition has been addressed with the property owners?

18. **Coordination: LA-IDOT-FHWA (BLRS Manual Section 22-1.02)**

Have there been any coordination meetings for this project? Yes No

If yes, list the date(s) of the coordination meeting(s) below and attach coordination meeting minutes in the report.

April 7, 2022.

See Attachment 11 for all meeting minutes.

October 2, 2022.

February 21, 2023.

December 12, 2023.

19. **Other Coordination**

June 22, 2023 – Meeting with City of Joliet.

September 7, 2023 – Meeting with Village of Minooka.

See Attachment 12 for meeting minutes of each meeting.

20. **Summary of Commitments**

1. Wetland Impacts will be mitigated off site through a system developed by the USACE and will be completed during Phase II.
 2. A PSI is required during Phase II for excavations on known REC Sites per the PESA document.
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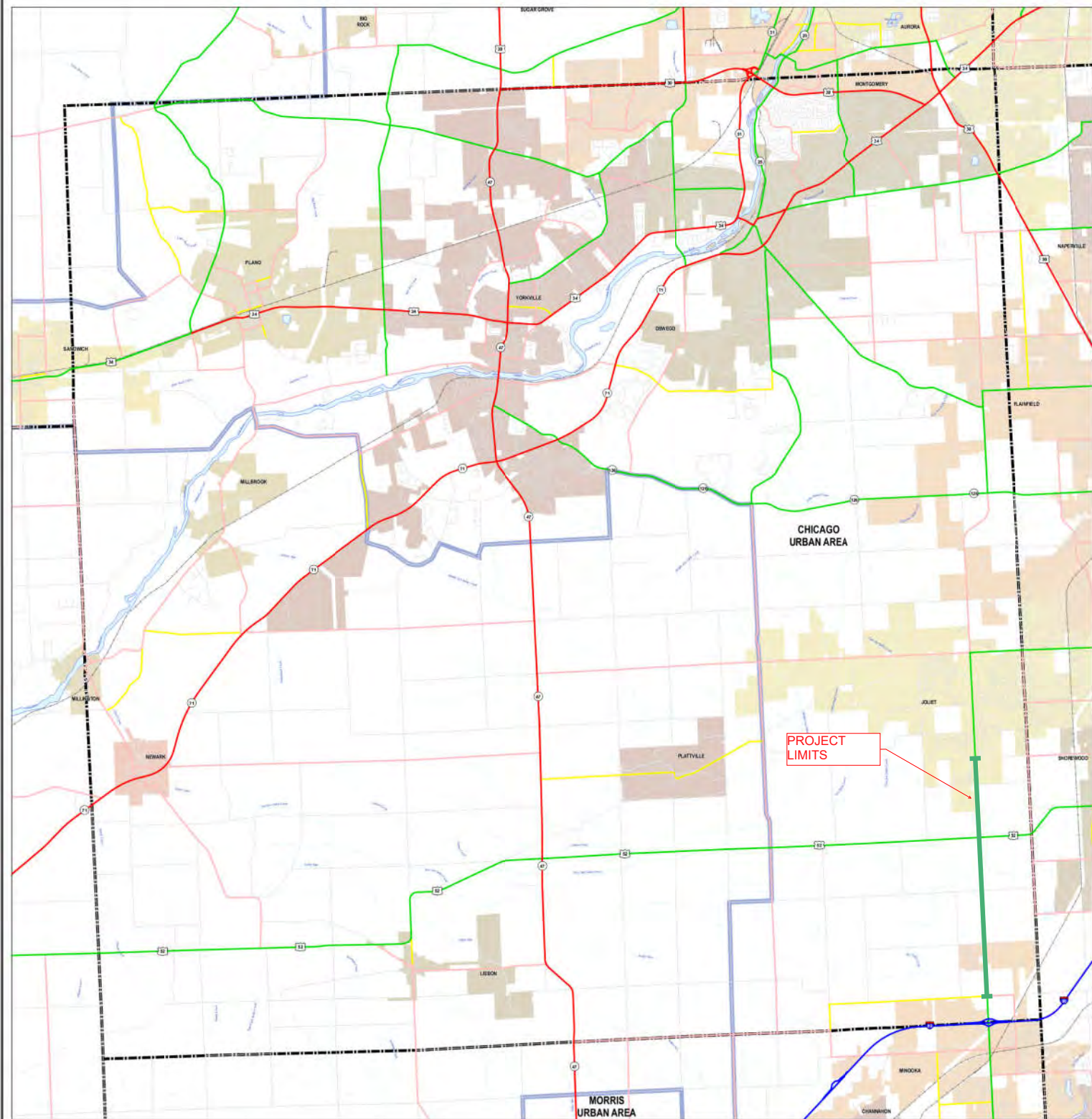
Summary of Attachments:

1. Location Map and Functional Classification Map
2. Existing and Proposed Typical Sections
3. Plan and Profile Sheets
4. Intersection Design Studies
5. Spot Map and/or Collision Diagram
6. Cost Estimate
7. Department of Agriculture Coordination
8. Environmental Clearances and Correspondence
 - a. NRR Coordination
 - b. Historic Coordination
 - c. Special Waste Coordination
9. Noise Study Executive Summary
10. Public Information Meetings
 - a. Public Meeting #1
 - i. Newspaper Ad
 - ii. Stakeholder/property owner list and sample letter
 - iii. Public Meeting Summary
 - iv. Comments received
 - b. Public Meeting #2
 - i. Newspaper Ad
 - ii. Stakeholder/property owner list and sample letter
 - iii. Public Meeting Summary
 - iv. Comments received
11. Bimonthly Coordination Meeting Minutes
12. Other Coordination
 - a. City of Joliet
 - b. Village of Minooka

DOCUMENTS INCLUDED BY REFERENCE:

- I. Preliminary Environmental Site Assessment
- II. Location Drainage Study
- III. Noise Study

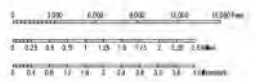
**LOCATION MAP AND
FUNCTIONAL CLASSIFICATION MAP**



5-YEAR CLASSIFICATION MAP
KENDALL COUNTY
 ILLINOIS

Member of the
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF PLANNING AND PROGRAMS
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 FEDERAL INFRASTRUCTURE INVESTMENTS

SCALE



Legend

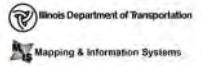
- Lakes
- Rivers, Streams
- Incorporated City/Town/Village
- Interstate, US, State Route
- Interstate
- Freeway or Expressway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Road or Street
- Railroad
- County Boundaries
- Illinois State Boundary
- Urban Boundaries



PROJECT LIMITS

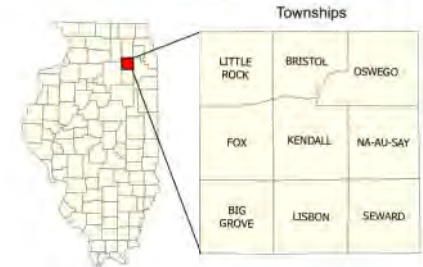
THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S MAPS USE DATA FROM EXTERNAL ELECTRONIC SOURCES THAT ARE NOT CONTROLLED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE DEPARTMENT TAKES NO RESPONSIBILITY FOR THE CONTENT, ACCURACY, OR SUFFICIENCY OF ANY SUCH INFORMATION PROVIDED FROM SUCH EXTERNAL SOURCES. THIS PRODUCT IS FOR REFERENCE PURPOSES ONLY AND IS NOT TO BE CONSIDERED AS A LEGAL DOCUMENT OR SURVEY INSTRUMENT. THE DATA AND DATA CONTAINED THEREIN ARE TO BE CONSIDERED "AS IS" WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF SUITABILITY TO A PARTICULAR PURPOSE OR USE. ANY RELIANCE ON THE INFORMATION CONTAINED HEREIN IS AT THE USER'S OWN RISK. THE ILLINOIS DEPARTMENT OF TRANSPORTATION CAN NOT BE HELD LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA, PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE, OR OTHER ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION HEREIN PROVIDED.

Data Sources:
 Illinois Department of Transportation
 Illinois State Survey Authority
 Illinois Commerce Commission
 Illinois Department of Revenue
 Illinois State Geological Survey
 United States Department of Transportation
 United States Geological Survey



HIGHWAY MAP KENDALL COUNTY - 2022 -

<https://www.kendallcountyil.gov>



Townships

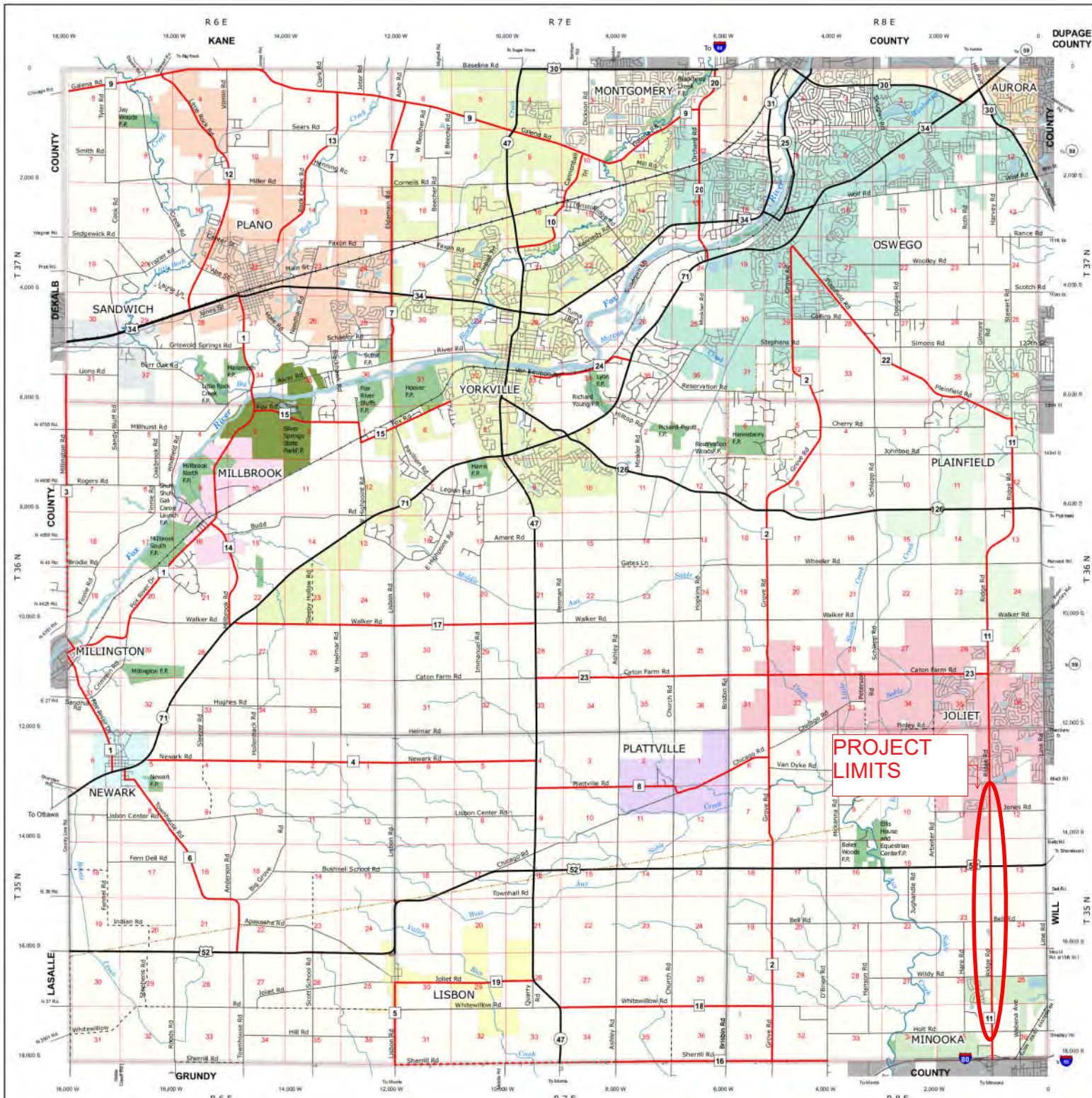
LITTLE ROCK	BRISTOL	OSWEGO
FOX	KENDALL	NA-AU-SAY
BIG GROVE	LISBON	SEWARD

1 inch = 1 mile



- Adjacent County
- County
- Interstate
- State & Federal
- Bituminous
- - - Gravel
- Local
- PLSS Sections
- Political Townships
- State Park
- County Forest Preserve
- Aurora
- Joliet
- Lisbon
- Millbrook
- Millington
- Minooka
- Montgomery
- Newark
- Oswego
- Plainfield
- Plano
- Plattville
- Sandwich
- Yorkville
- RR new streams

PROJECT LIMITS



Published By:
Kendall County Highway Department
In partnership with:
Kendall County GIS/Mapping Department

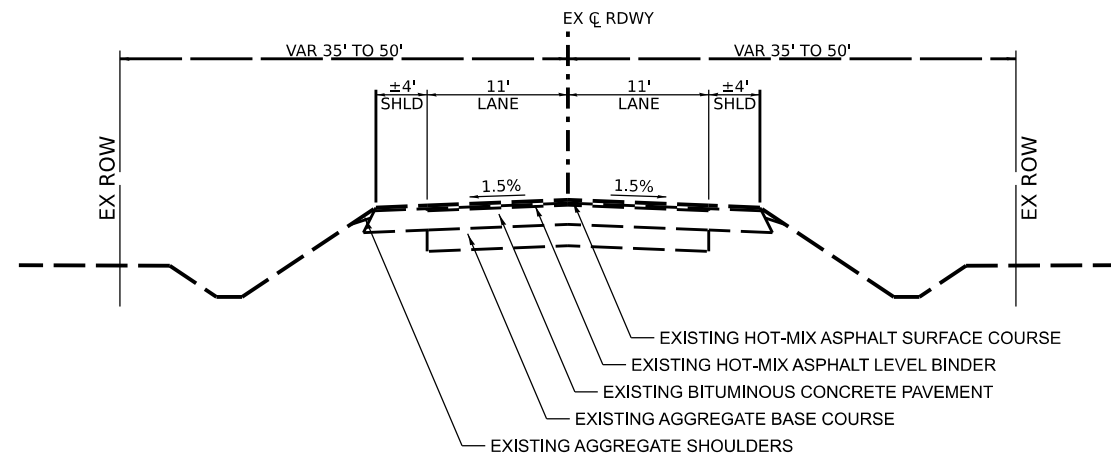
Francis C. Klaas, P.E.
County Engineer

Department Headquarters
6780 Route 47
Yorkville, IL 60560
Phone (630) 553-7616
FAX (630) 553-9583



NOTE: The Rural Road Identification System employs a numbering system based on a grid-metric coordinate system. The mileage is measured from the northeast corner of the County. Each grid section west and south of that corner receives a 1000 number added consecutively across the County. Intermediate intersections would be proportionate parts of 1000.

**EXISTING AND PROPOSED
TYPICAL SECTIONS**



EXISTING TYPICAL SECTION

CH 11 (RIDGE RD)

SOUTH STUDY LIMIT TO BLACK ROAD

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



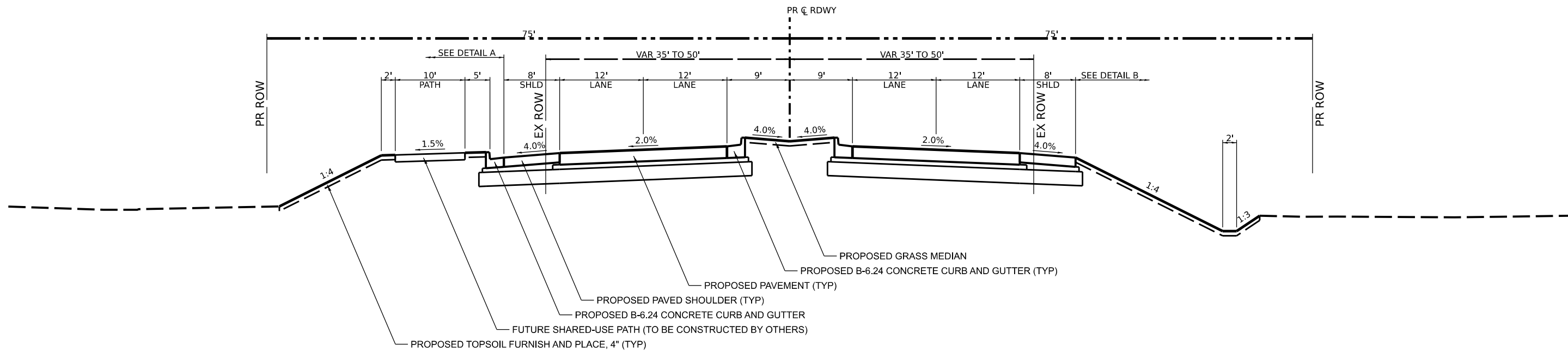
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	DRAWN -	REVISED -
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PLOT DATE = \$DATES	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
EXISTING TYPICAL SECTION**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

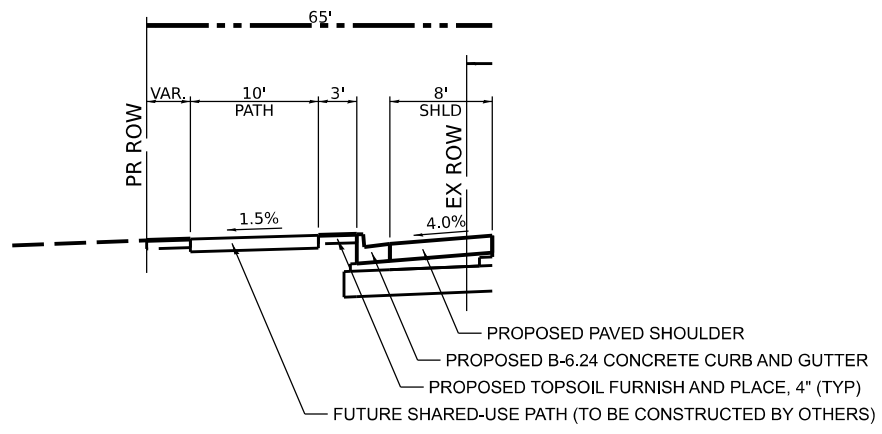
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	\$tot1	
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

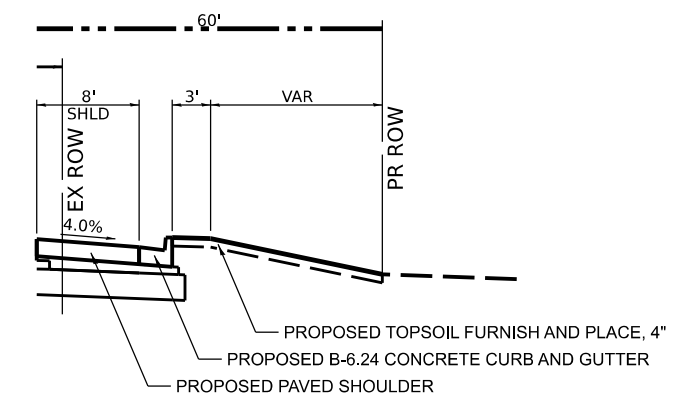
CH 11 (RIDGE RD)

SOUTH STUDY LIMIT TO WILDY ROAD



DETAIL A

AT ISOLATED RESIDENTIAL PROPERTIES



DETAIL B

AT ISOLATED RESIDENTIAL PROPERTIES

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



USER NAME = \$USERS
PLOT SCALE = \$SCALE\$
PLOT DATE = \$DATES

DESIGNED -
DRAWN -
CHECKED -
DATE -

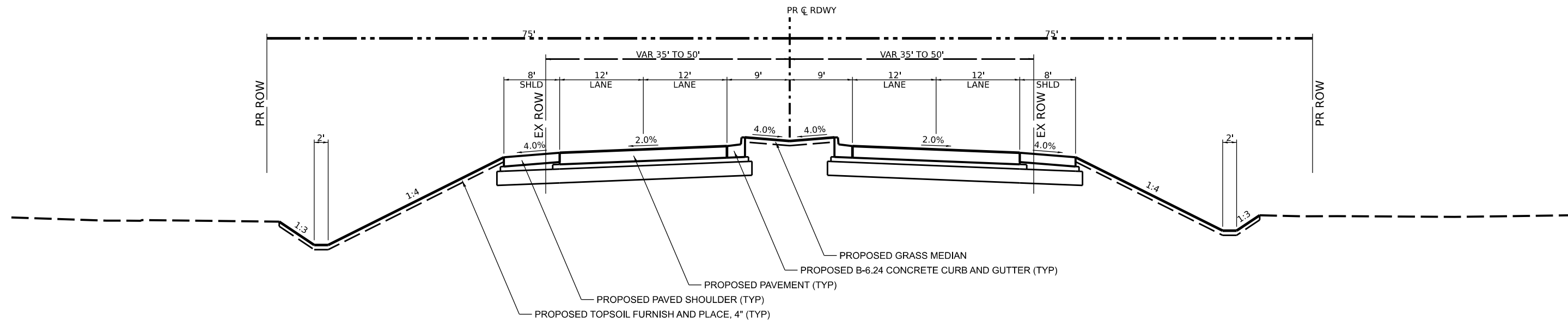
REVISED -
REVISED -
REVISED -
REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 1 OF 3 SHEETS STA. N/A TO STA. N/A

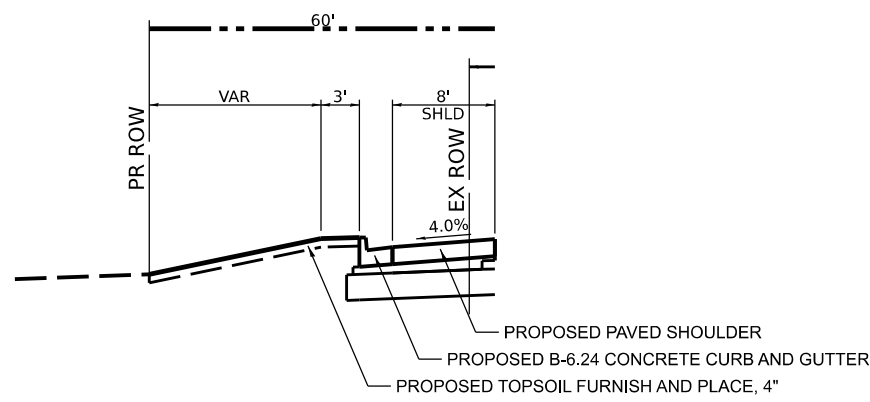
RT. NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS \$tot1\$	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

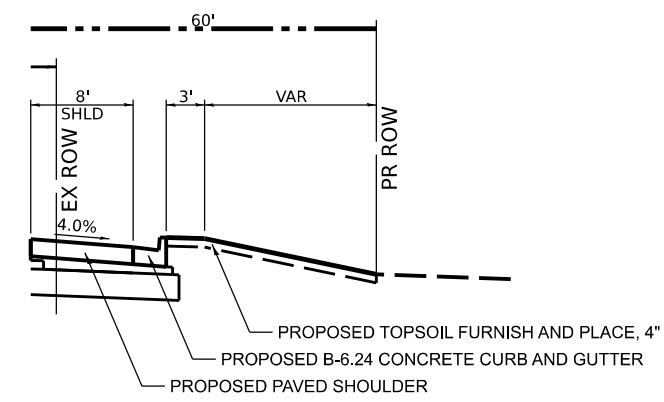
CH 11 (RIDGE RD)

WILDY ROAD TO JONES ROAD



DETAIL A

AT ISOLATED RESIDENTIAL PROPERTIES



DETAIL B

AT ISOLATED RESIDENTIAL PROPERTIES

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



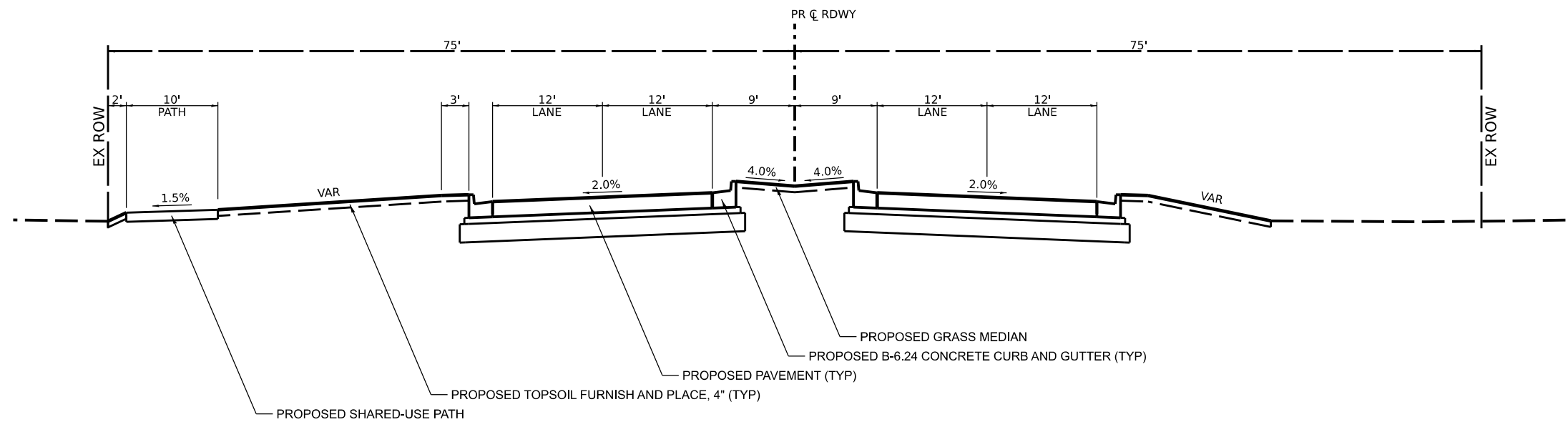
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	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 2 OF 3 SHEETS STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	\$tot1	
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
CH 11 (RIDGE RD)
 JONES ROAD TO BLACK ROAD

MODEL: \$MODELNAME\$
 FILENAME: \$FILE\$



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PLOT DATE = \$DATES	DATE -	REVISED -

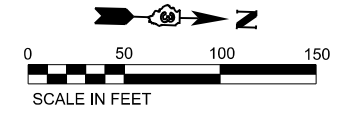
**KENDALL COUNTY
 HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
 PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

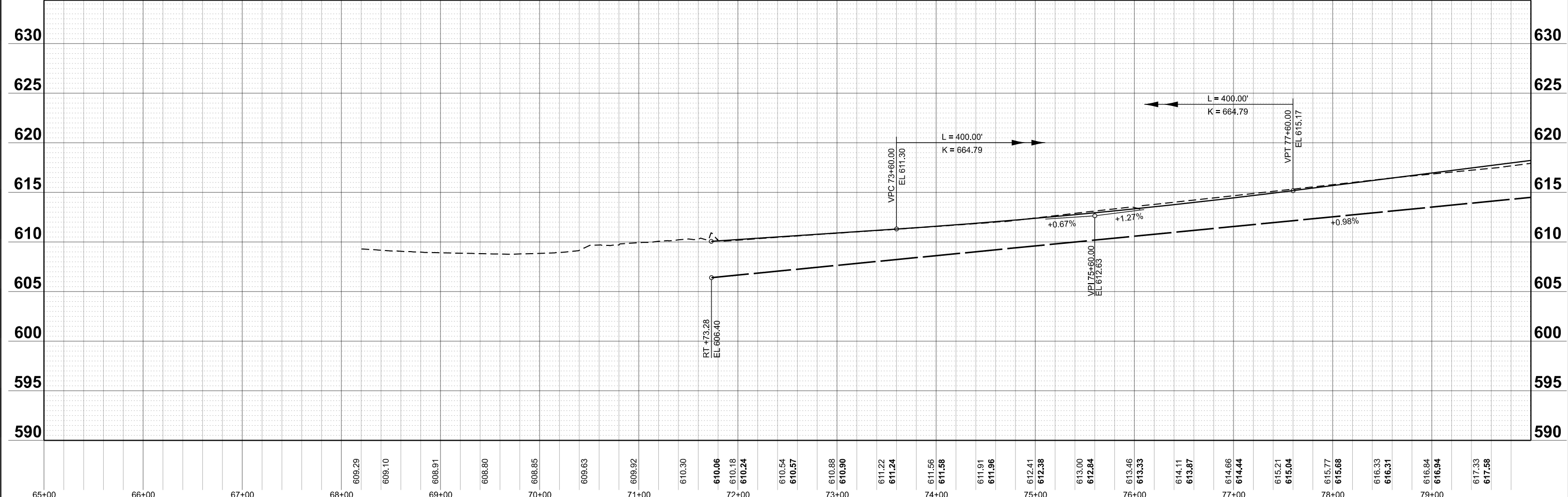
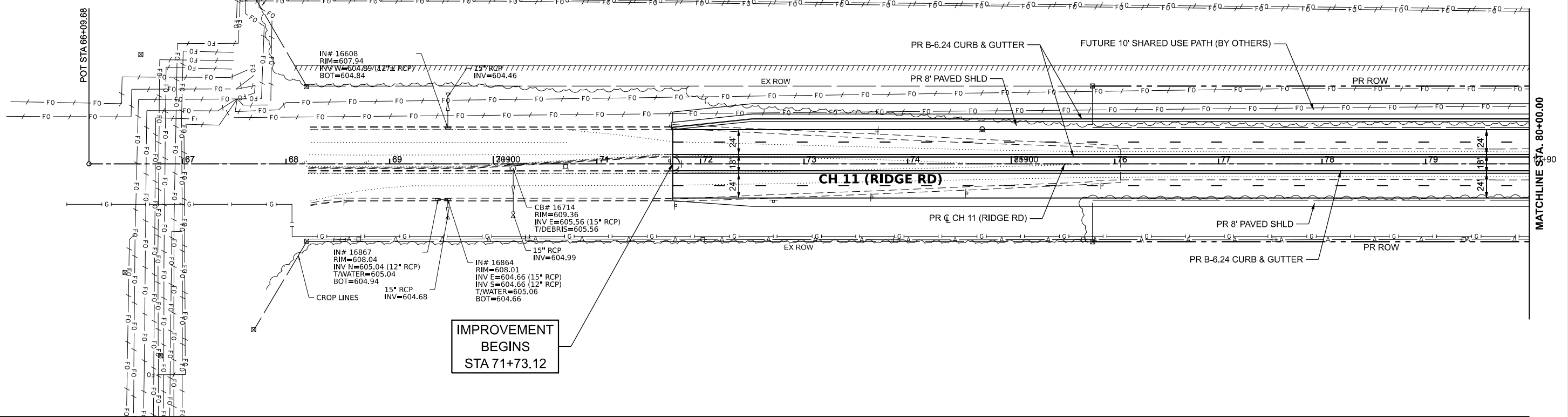
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	\$tot1	
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PLAN AND PROFILE SHEETS



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

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



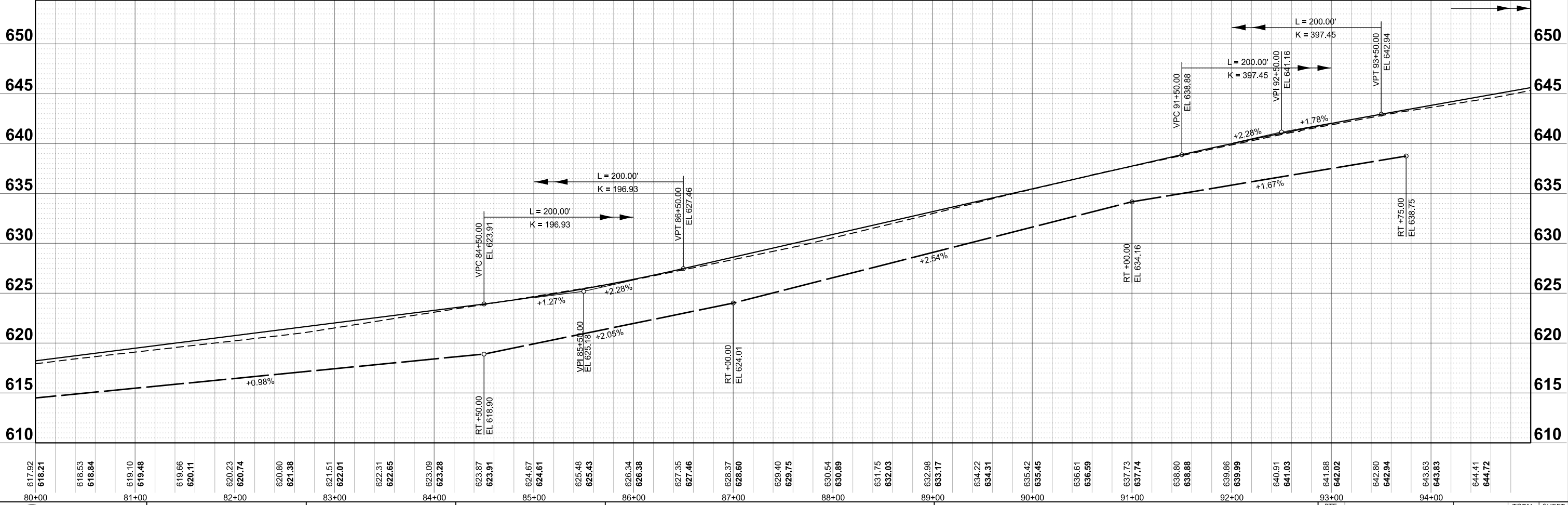
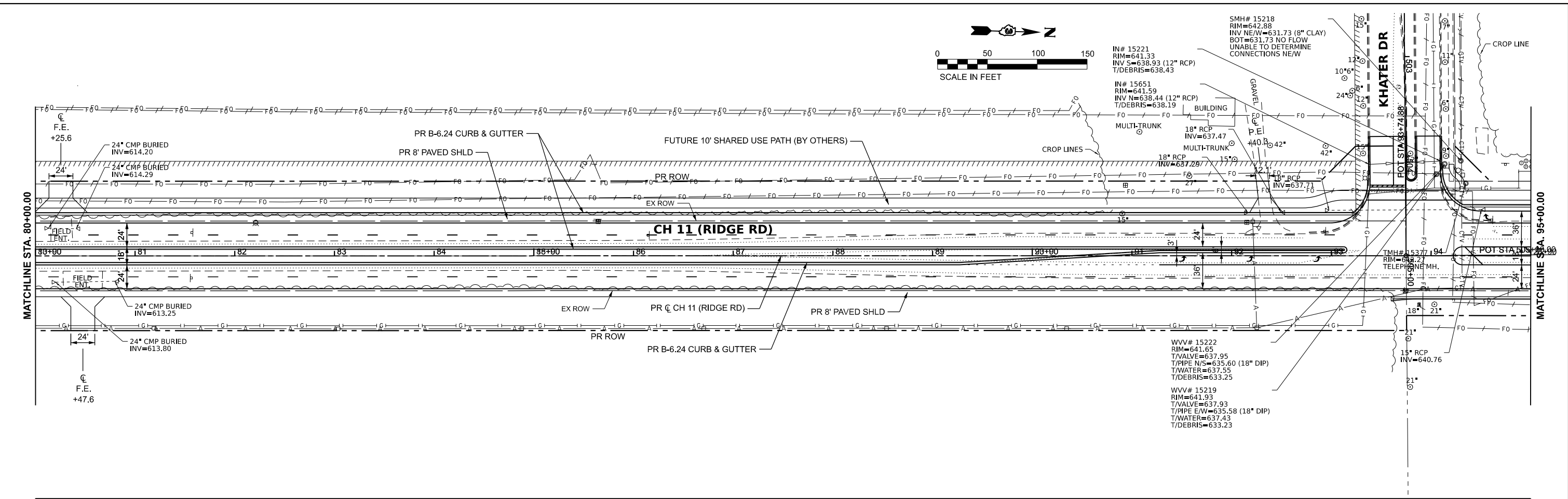
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	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISD -				CH11	22-00168-00-EG	KENDALL	25	1	
PLOT DATE = 4/16/2024	DATE -	REVISD -	SCALE: H=50 V=5		SHEET 1	OF 25 SHEETS	STA. 66+09.68	TO STA. 80+00	CONTRACT NO.			
ILLINOIS FED. AID PROJECT												

DATE	
BY	
179	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK
	NO.
	CADD FILE NAME

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

MODEL: PL_RIDGE - Plan 2 (Sheet)
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USER NAME =	BDeCrane	DESIGNED -	REVISD -
		DRAWN -	REVISD -
PLOT SCALE =	0.16666633' / in.	CHECKED -	REVISD -
PLOT DATE =	4/16/2024	DATE -	REVISD -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

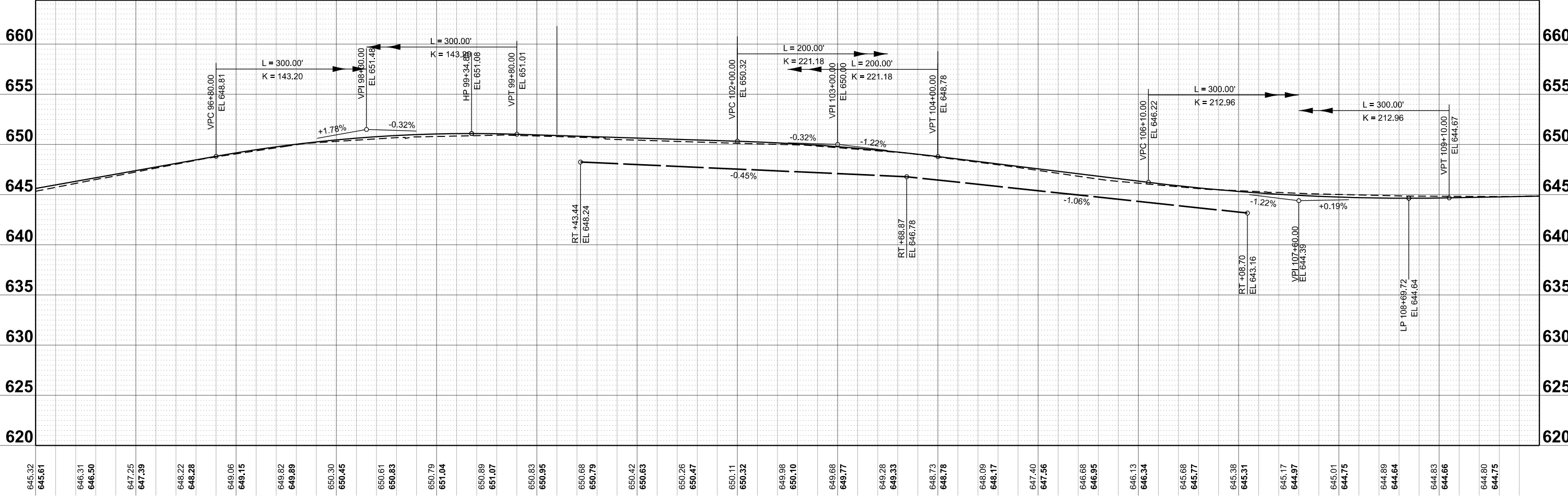
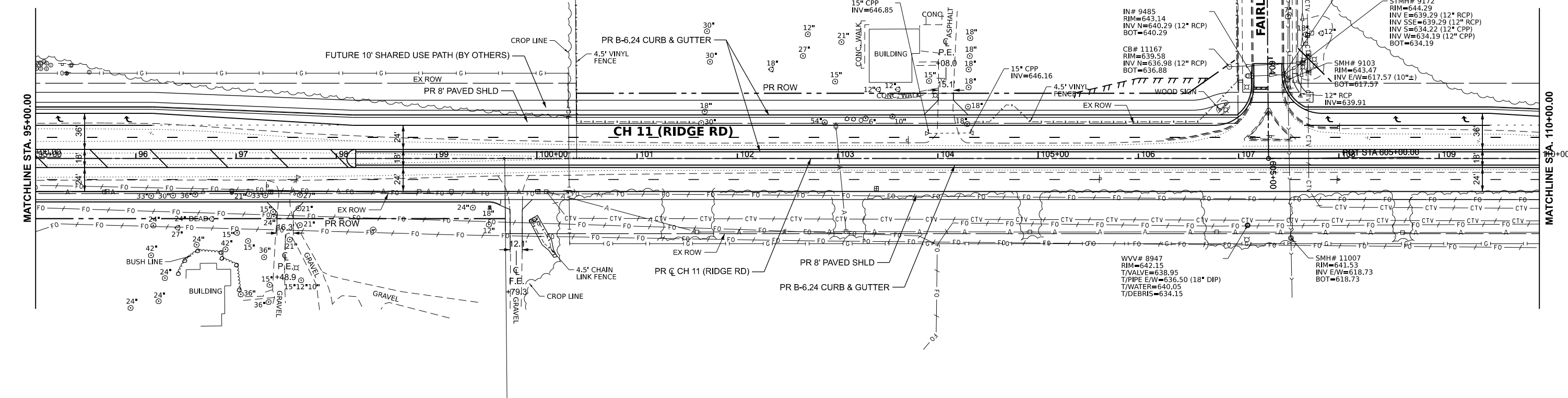
SCALE: H=50 V=5 SHEET 2 OF 25 SHEETS STA. 80+00 TO STA. 95+00

RE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	2
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

MODEL: PL_RIDGE - Plan 3 [Sheet]
FILE NAME: V:\0958 - Ridge Road - H&T to Black - HE ICADD\CADD Sheets\0958-sh-rl-plnpr.dgn



95+00	96+00	97+00	98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00																																													
645.32	645.61	646.31	646.50	647.25	647.39	648.22	648.28	649.06	649.15	649.82	649.89	650.30	650.45	650.61	650.83	650.79	651.04	650.89	651.07	650.83	650.95	650.68	650.79	650.42	650.63	650.26	650.47	650.11	650.32	649.98	650.10	649.68	649.77	649.28	649.33	648.73	648.78	648.09	648.17	647.40	647.56	646.68	646.95	646.13	646.34	645.68	645.77	645.38	645.31	645.17	644.97	645.01	644.75	644.89	644.64	644.83	644.66	644.80	644.75



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

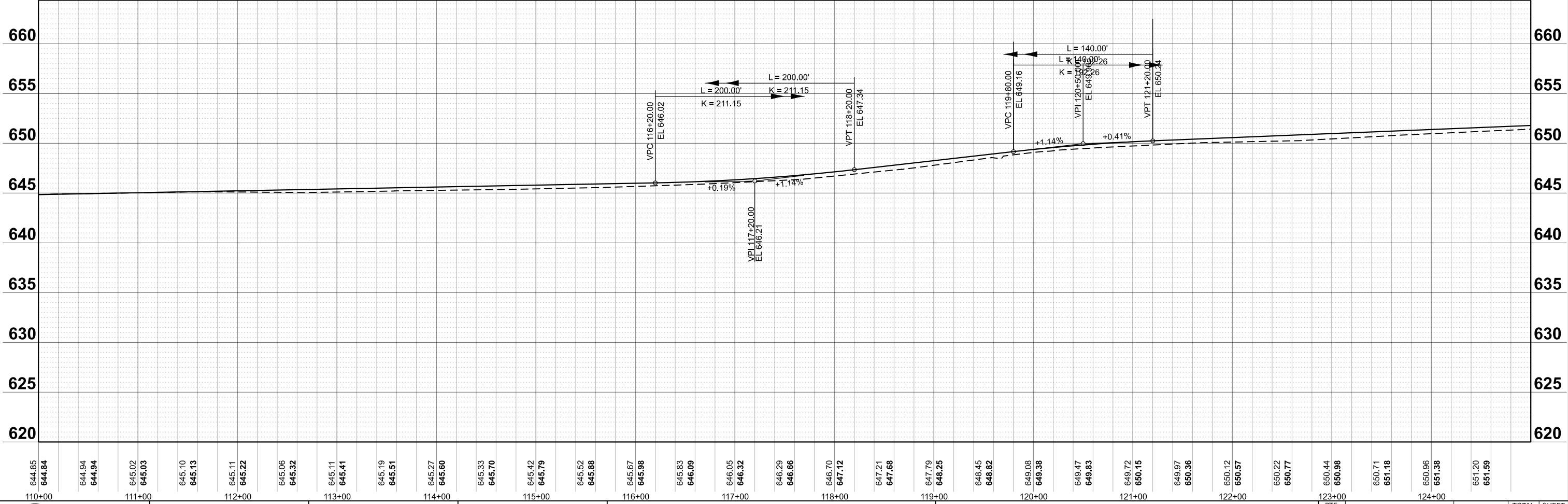
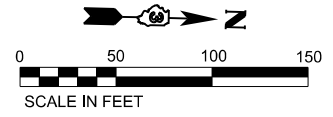
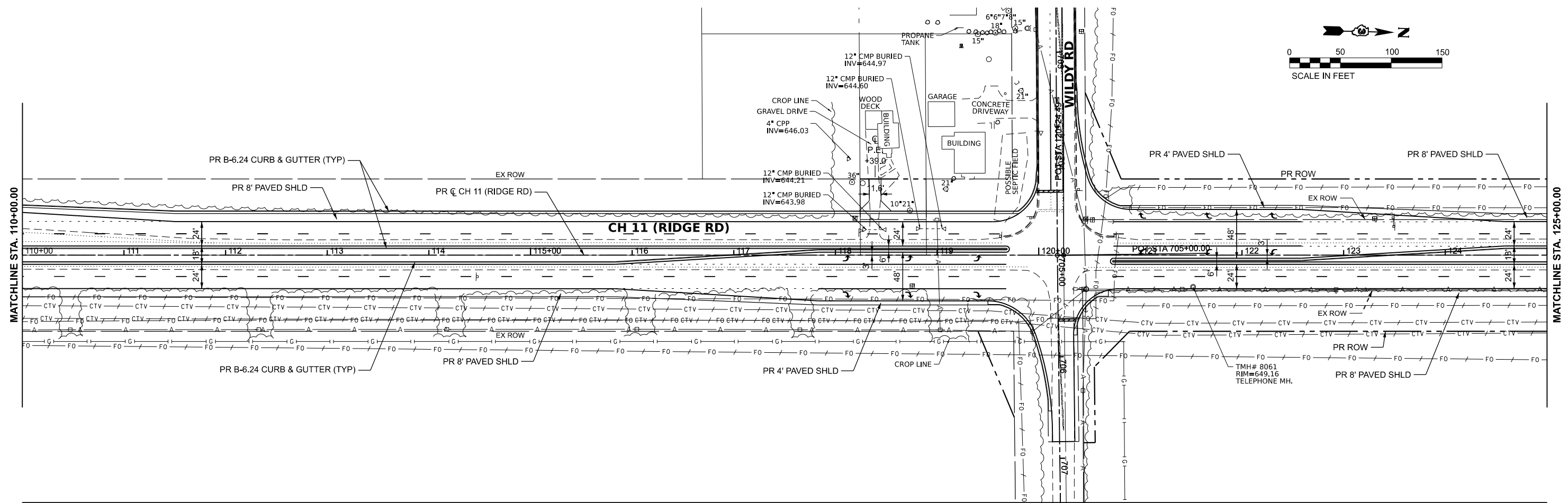
RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	3
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

SCALE: H=50 V=5 SHEET 3 OF 25 SHEETS STA. 95+00 TO STA. 110+00

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

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

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110+00				111+00				112+00				113+00					114+00					115+00				116+00				117+00				118+00				119+00				120+00				121+00				122+00				123+00				124+00			



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

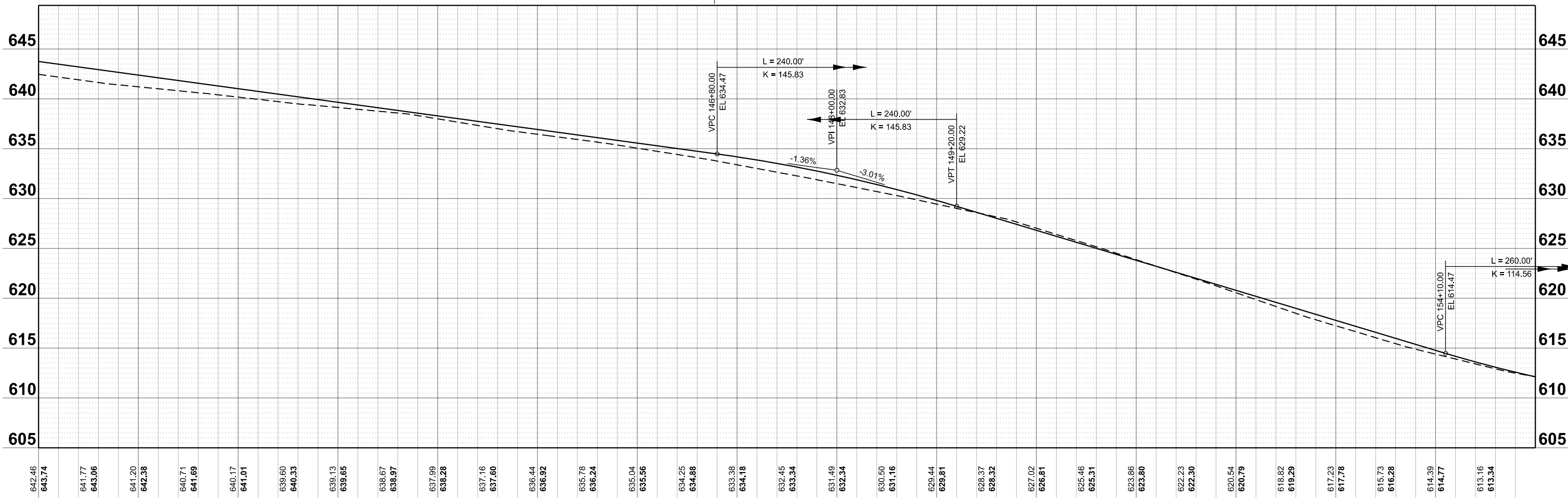
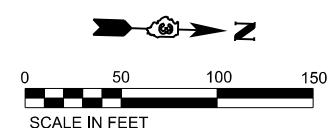
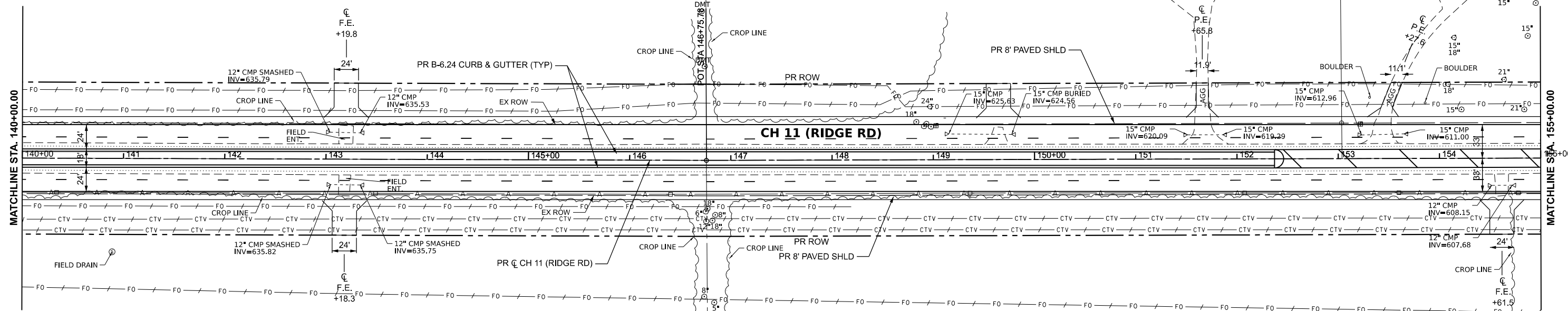
SCALE: H=50 V=5 SHEET 4 OF 25 SHEETS STA. 110+00 TO STA. 125+00

ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 4
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PL_RIDGE - Plan & Profile
FILE NAME: V:\3958 - Ridge Road - H&I\CADD\CADD Sheets\4998-shr-plnpr.dgn



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140+00	141+00	142+00	143+00	144+00	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00																																												



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

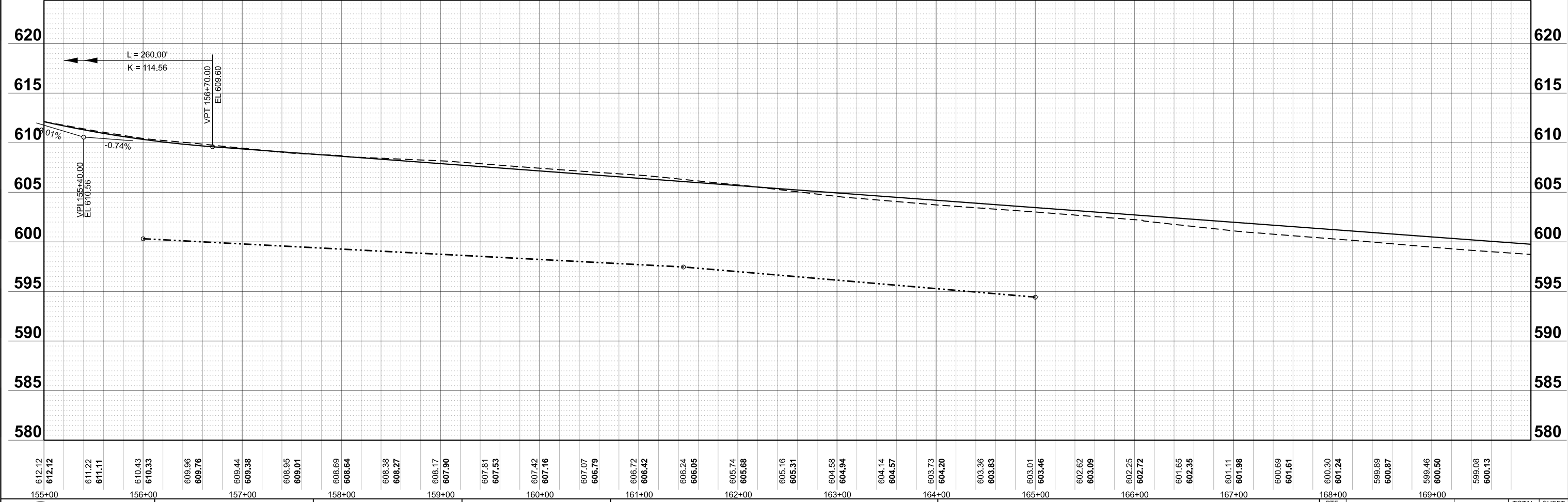
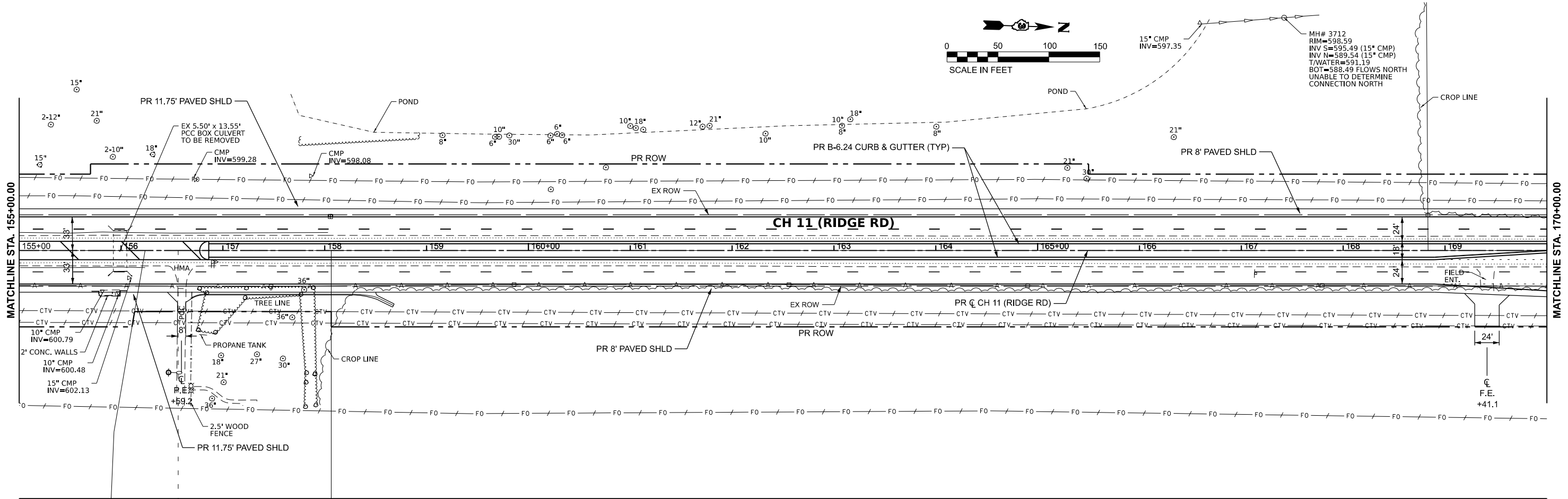
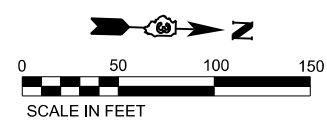
SCALE: H=50 V=5 SHEET 6 OF 25 SHEETS STA. 140+00 TO STA. 155+00

ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 6
CONTRACT NO.				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: PL_RIDGE - Plan 7 [Sheet]
FILE NAME: V:\0358 - Ridge Road - Hwt to Black - HE\ICADD\CADD Sheets\4998-shr-plnpr.dgn



USER NAME	= BDeCrane	DESIGNED	-	REVISED	-
PLOT SCALE	= 0.16666633' / in.	DRAWN	-	REVISED	-
PLOT DATE	= 4/16/2024	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

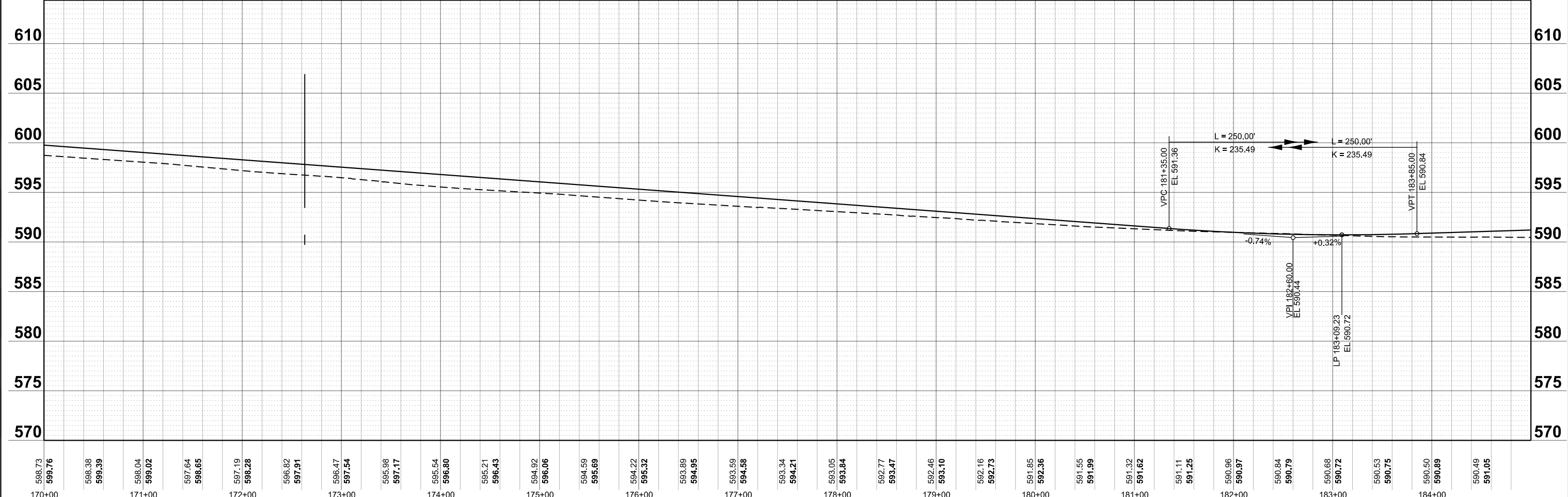
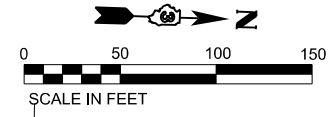
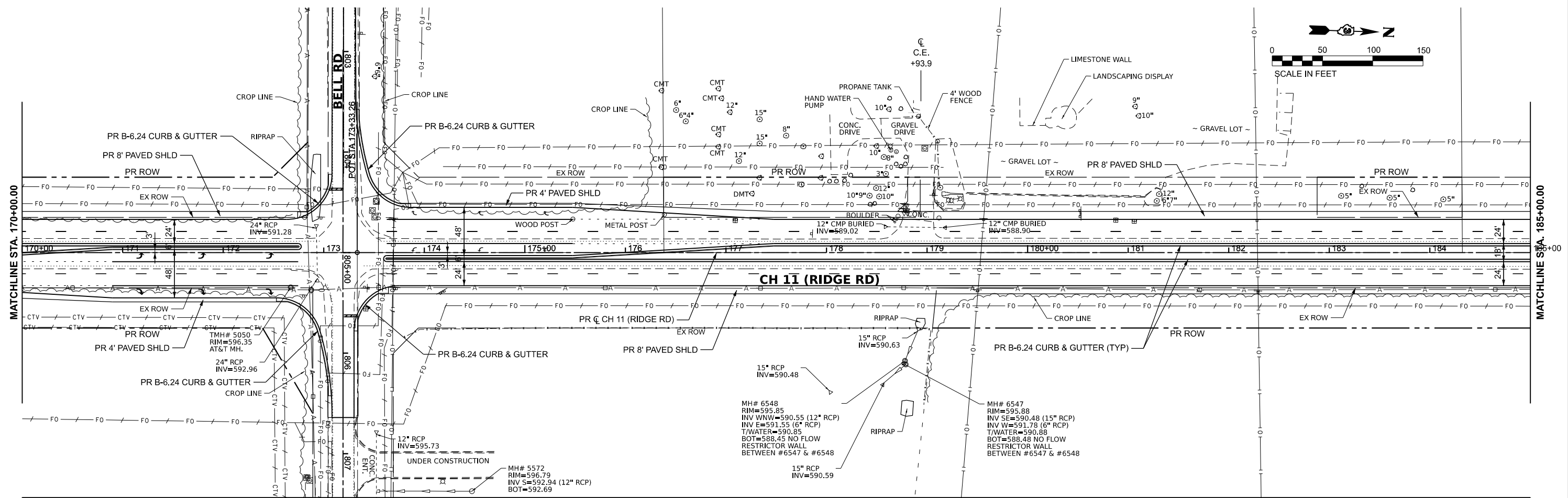
SCALE: H=50 V=5 SHEET 7 OF 25 SHEETS STA. 155+00 TO STA. 170+00

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PL_RIDGE - Plan 8 [Sheet]
 FILE NAME: V:\035E - Ridge Road - hnt to Black - PE ICADD\CADD Sheets\035E-shr-plnpr.dgn



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170+00	171+00	172+00	173+00	174+00	175+00	176+00	177+00	178+00	179+00	180+00	181+00	182+00	183+00	184+00	185+00																																												



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
 HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
 PLAN AND PROFILE**

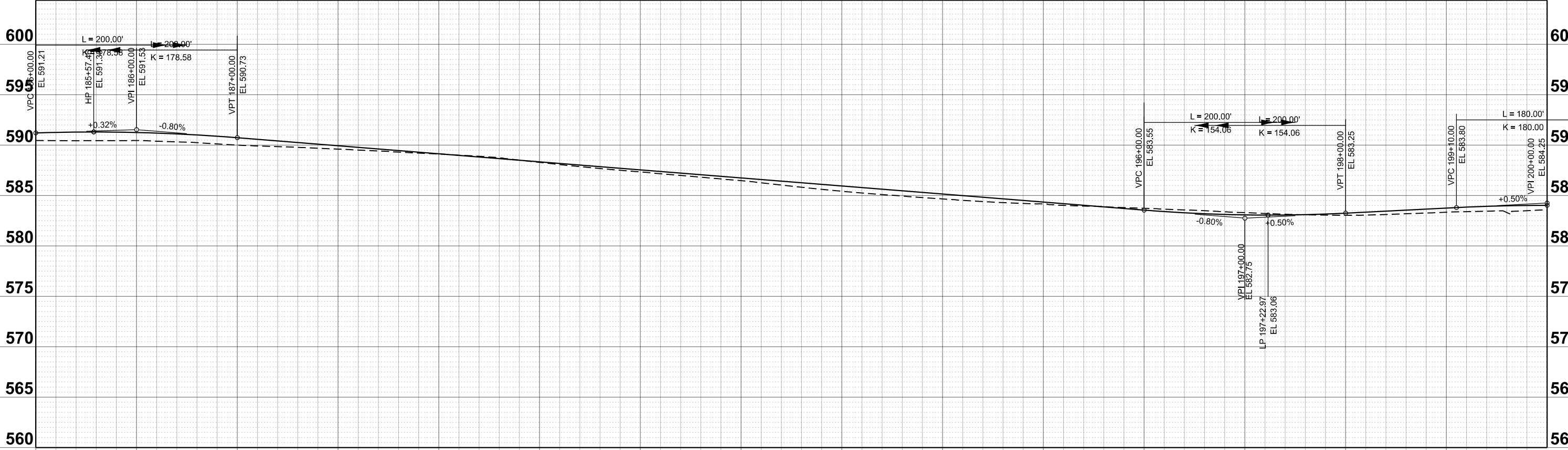
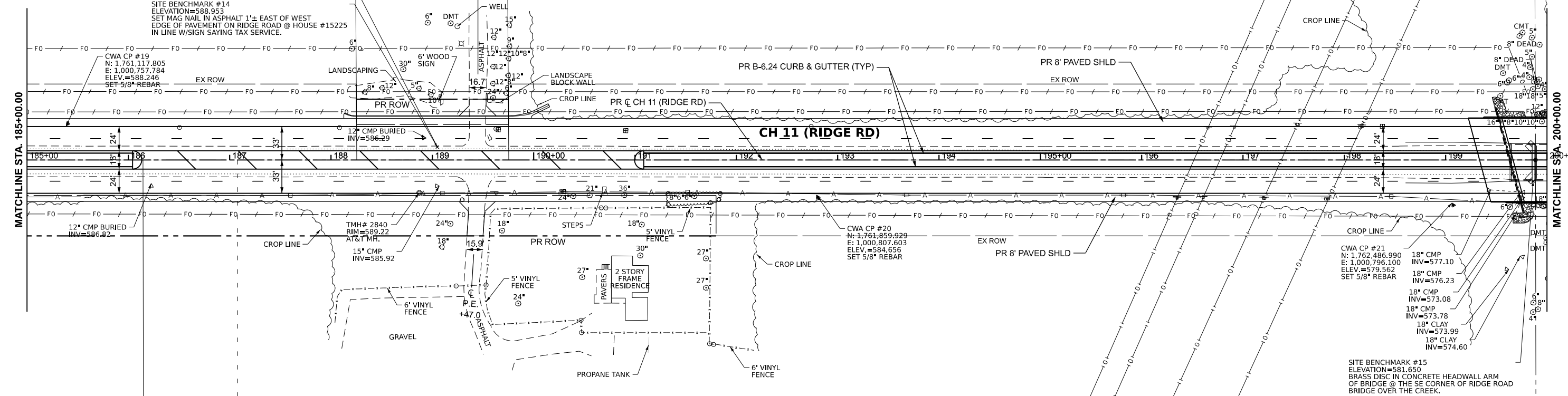
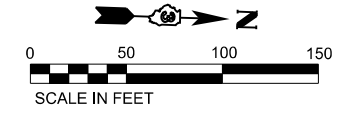
SCALE: H=50 V=5 SHEET 8 OF 25 SHEETS STA. 170+00 TO STA. 185+00

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	8
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	BY

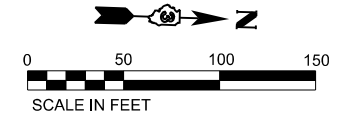
DATE	BY

MODEL: PL_RIDGE - Plan 9 (Sheet)
 FILE NAME: V:\095E - Ridge Road - rd.t to Black - PE\ICADD\CADD Sheets\9958-sh1-plnpr.dgn

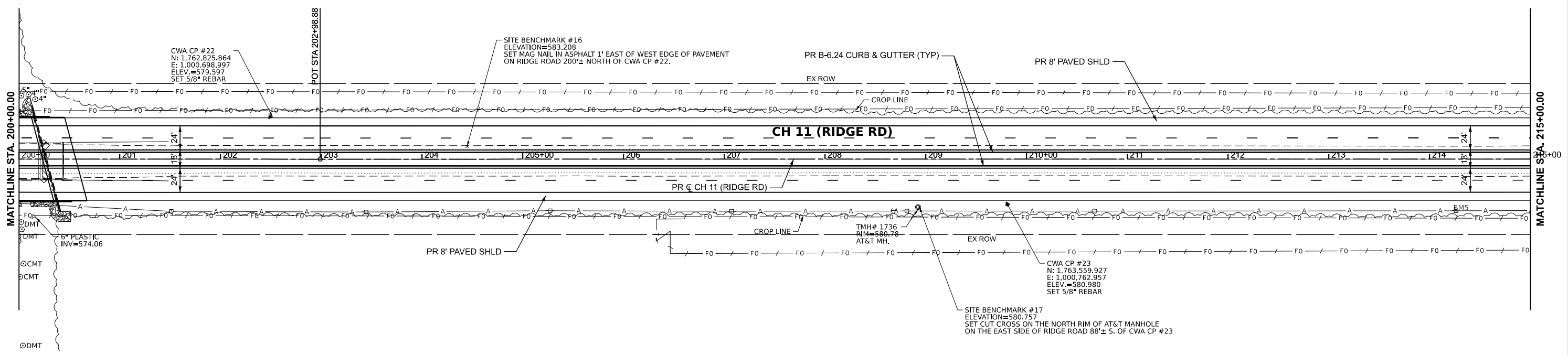


STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
185+00	590.46	186+00	589.82	187+00	589.99	188+00	589.60	189+00	589.37	190+00	588.28	191+00	587.77	192+00	586.47	193+00	585.02
185+21	591.21	186+33	590.33	187+73	590.73	188+93	589.93	190+53	589.53	192+74	586.74	195+35	584.35	197+07	583.07	198+25	583.25
185+43	590.43	186+53	589.82	187+93	589.99	189+11	589.11	191+11	588.11	193+11	586.11	195+11	584.11	197+11	583.11	198+11	583.11
185+65	591.05	186+75	589.95	188+15	589.85	189+35	589.45	191+35	588.45	193+35	586.45	195+35	584.35	197+35	583.35	198+35	583.35
186+07	591.30	187+17	590.20	188+57	589.70	190+77	588.77	192+77	586.77	194+77	584.77	196+77	582.77	197+77	583.07	198+77	583.07
186+29	591.06	187+39	589.96	188+79	589.46	190+99	588.49	192+99	586.49	194+99	584.49	196+99	582.49	197+99	583.29	198+99	583.29
186+51	591.31	187+61	590.21	189+01	589.71	191+21	588.71	193+21	586.71	195+21	584.71	197+21	582.71	198+21	583.51	198+51	583.51
187+03	591.56	188+13	590.46	189+53	589.96	191+73	588.96	193+73	586.96	195+73	584.96	197+73	582.96	198+73	583.73	199+73	583.73
187+25	591.81	188+35	590.71	190+75	589.46	192+95	588.46	194+95	586.46	196+95	584.46	198+95	582.46	199+95	583.95		
187+47	592.06	188+57	590.96	191+97	589.16	194+17	588.16	196+17	586.16	198+17	584.16						
187+69	592.31	190+17	590.71	192+19	588.71	194+19	586.71	196+19	584.71	198+19	582.71						
187+91	592.56	190+39	590.96	193+21	588.21	195+21	586.21	197+21	584.21	199+21	582.21						
188+13	592.81	190+61	591.21	193+43	587.73	195+43	585.73	197+43	583.73	199+43	581.73						
188+35	593.06	190+83	591.46	193+65	587.23	195+65	585.23	197+65	583.23	199+65	581.23						
188+57	593.31	191+05	591.71	193+87	586.73	195+87	584.73	197+87	582.73	199+87	580.73						
188+79	593.56	191+27	591.96	194+09	586.23	196+09	584.23	198+09	582.23	200+09	580.23						
189+01	593.81	191+49	592.21	194+31	585.73	196+31	583.73	198+31	581.73								
189+23	594.06	191+71	592.46	194+53	585.23	196+53	583.23	198+53	581.23								
189+45	594.31	191+93	592.71	194+75	584.73	196+75	582.73	198+75	580.73								
189+67	594.56	192+15	592.96	194+97	584.23	197+97	582.23	199+97	580.23								
189+89	594.81	192+37	593.21	195+19	583.73	198+19	581.73										
190+11	595.06	192+59	593.46	195+41	583.23												
190+33	595.31	192+81	593.71	195+63	582.73												
190+55	595.56	193+03	593.96	195+85	582.23												
190+77	595.81	193+25	594.21	196+07	581.73												
191+00	596.06	193+47	594.46	196+29	581.23												
191+22	596.31	193+69	594.71	196+51	580.73												
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191+66	596.81	194+13	595.21	196+95	579.73												
191+88	597.06	194+35	595.46	197+17	579.23												
192+10	597.31	194+57	595.71	197+39	578.73												
192+32	597.56	194+79	595.96	197+61	578.23												
192+54	597.81	195+01	596.21	197+83	577.73												
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193+20	598.56	195+67	596.96	198+49	576.23												
193+42	598.81	195+89	597.21	198+71	575.73												
193+64	599.06	196+11	597.46	198+93	575.23												
193+86	599.31	196+33	597.71	199+15	574.73												
194+08	599.56	196+55	597.96	199+37	574.23												
194+30	599.81	196+77	598.21	199+59	573.73												
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194+96	600.56																
195+18	600.81																
195+40	601.06																
195+62	601.31																
195+84	601.56																
196+06	601.81																
196+28	602.06																
196+50	602.31																
196+72	602.56																
196+94	602.81																
197+16	603.06																
197+38	603.31																
197+60	603.56																
197+82	603.81																
198+04	604.06																
198+26	604.31																
198+48	604.56																
198+70	604.81																
198+92	605.06																
199+14	605.31																
199+36	605.56																
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200+00	607.06																

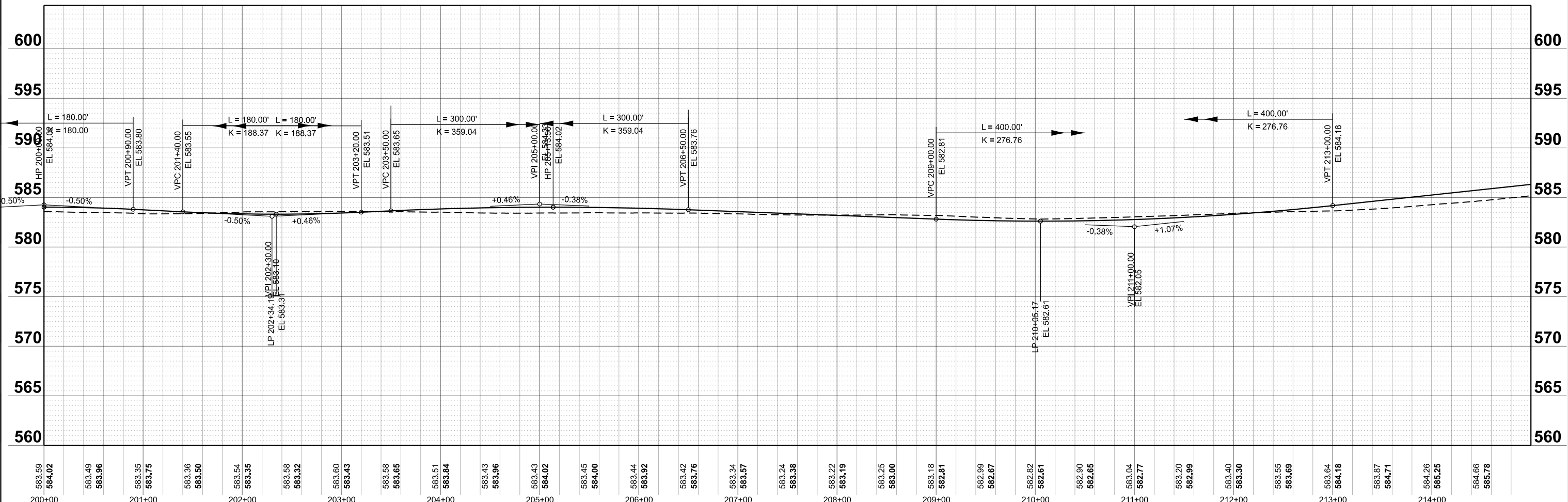
Hutchison Engineering, Inc.	USER NAME = BDeCrane	DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT	CH 11 (RIDGE RD) PLAN AND PROFILE			SECTION = 22-00168-00-EG	TOTAL SHEETS = 25	SHEET NO. = 9
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -					COUNTY = KENDALL	CONTRACT NO.	
	PLOT DATE = 4/16/2024	DATE -	REVISED -					ILLINOIS FED. AID PROJECT		
	SCALE: H=50 V=5							SHEET 9 OF 25 SHEETS	STA. 185+00 TO STA. 200+00	



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



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



MODEL: PL_RIDGE - Plan 10 (Sheet)
FILE NAME: V309SE - Ridge Road - 11.dwg



USER NAME = BDeCraene	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

SCALE: H=50 V=5 SHEET 10 OF 25 SHEETS STA. 200+00 TO STA. 215+00

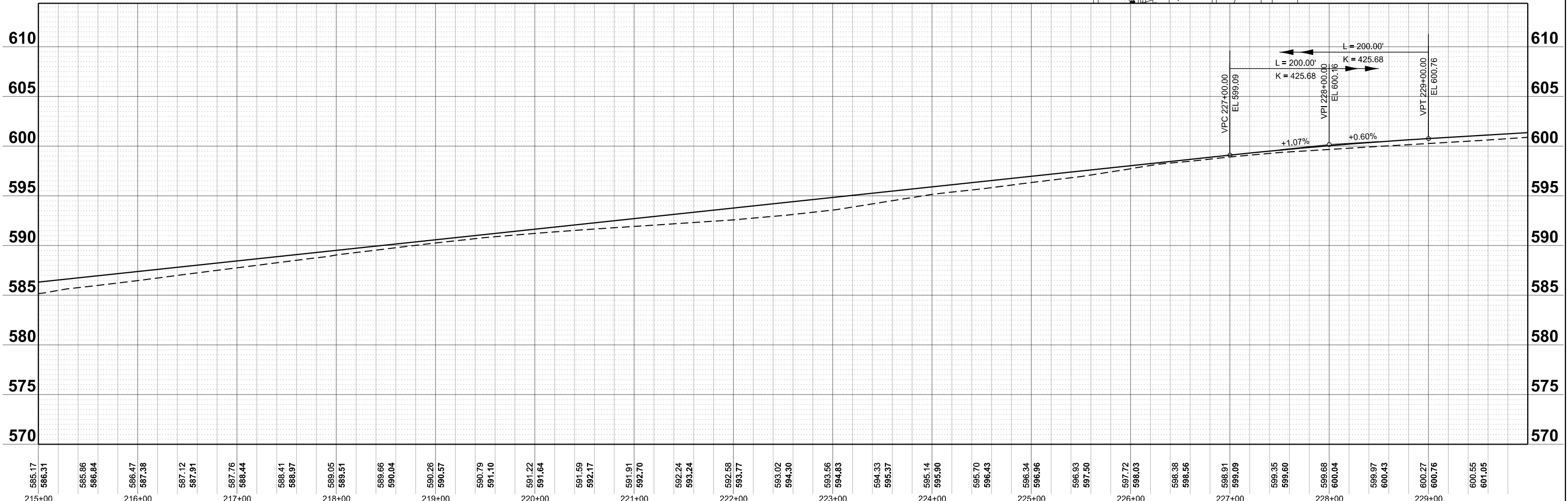
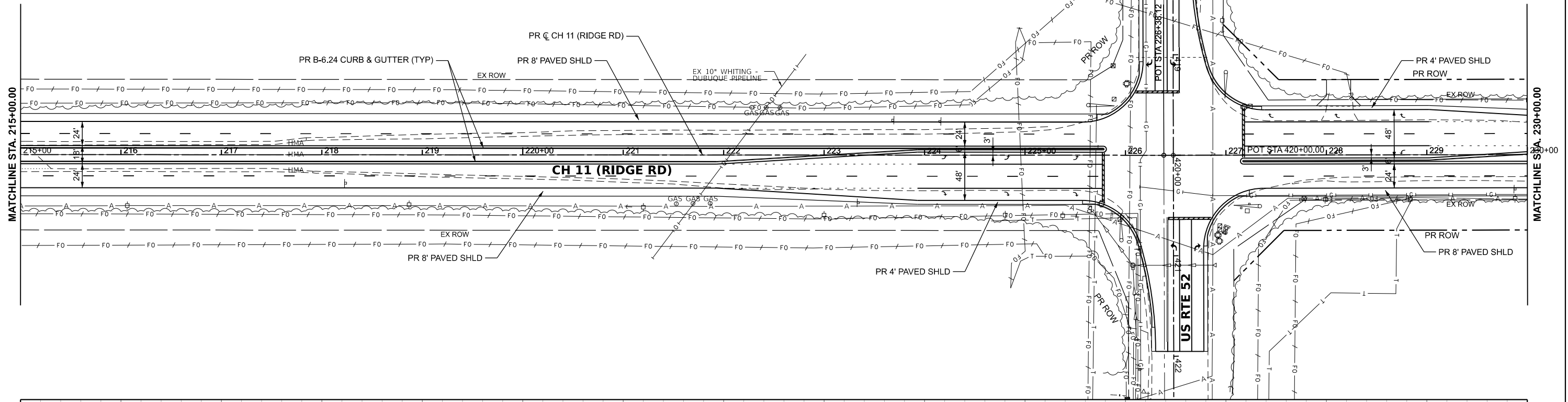
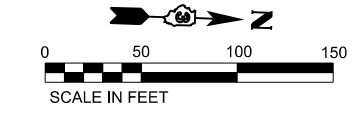
ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 10
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

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

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

MODEL: PL_RIDGE - Plan 11 (Sheet)
 FILE NAME: V3095E - Ridge Road - Traft to Black - PE ICAADD\CADD Sheets\4998-sh1-plnprL.dgn



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215+00	216+00	217+00	218+00	219+00	220+00	221+00	222+00	223+00	224+00	225+00	226+00	227+00	228+00	229+00																																													



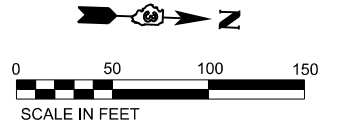
USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

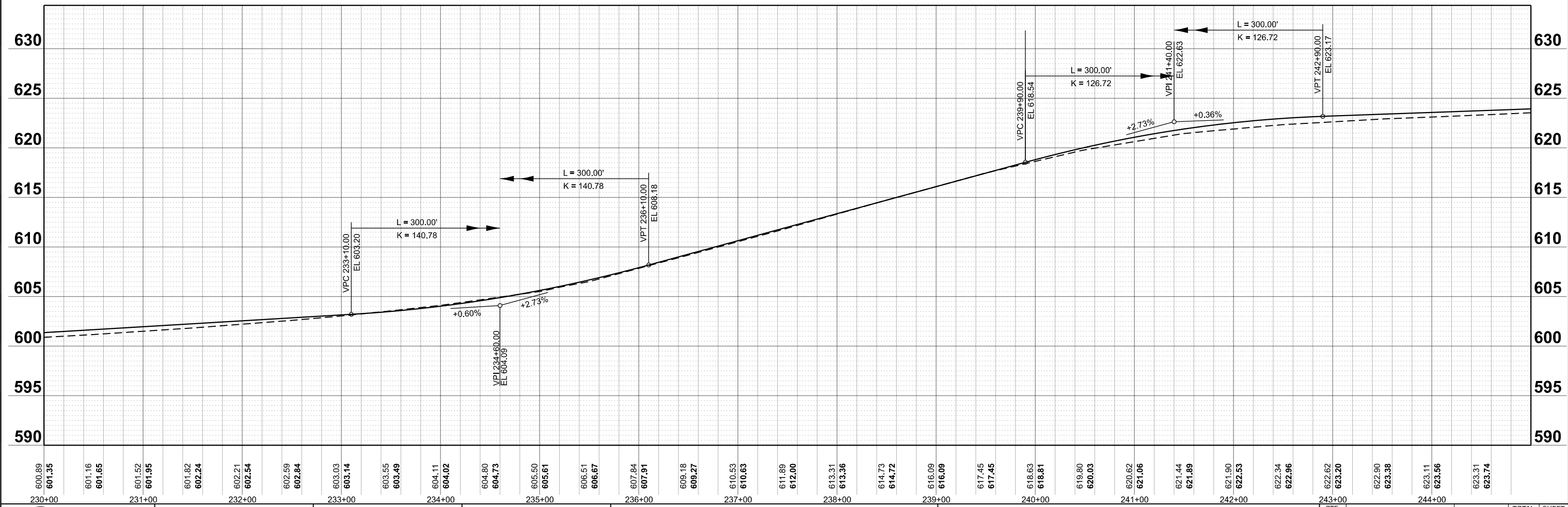
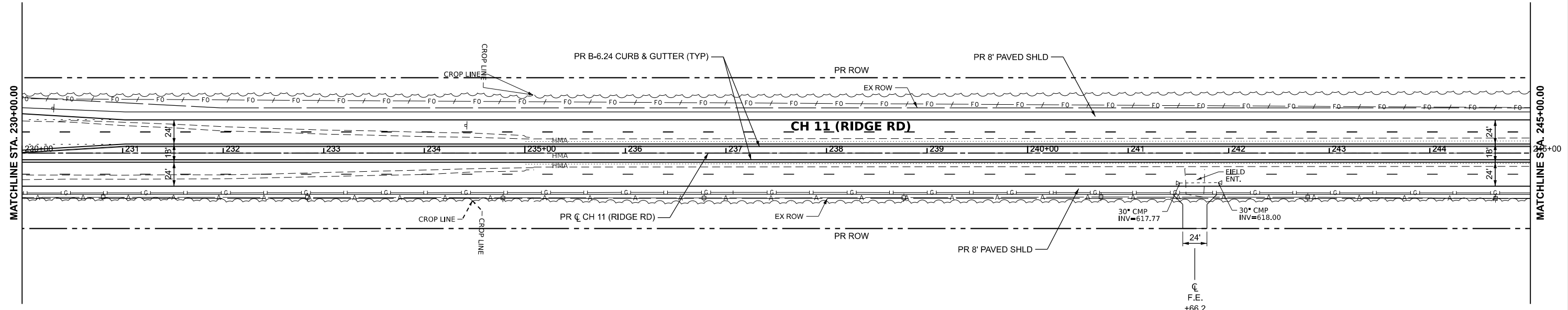
SCALE: H=50 V=5 SHEET 11 OF 25 SHEETS STA. 215+00 TO STA. 230+00

ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 11
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

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



MODEL: PL_RIDGE - Plan 12 (Sheet)
 FILE NAME: V:\9595 - Ridge Road - H&M to Black - PE\ICADD\CADD Sheets\9595-sh-ppr.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
 HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
 PLAN AND PROFILE**

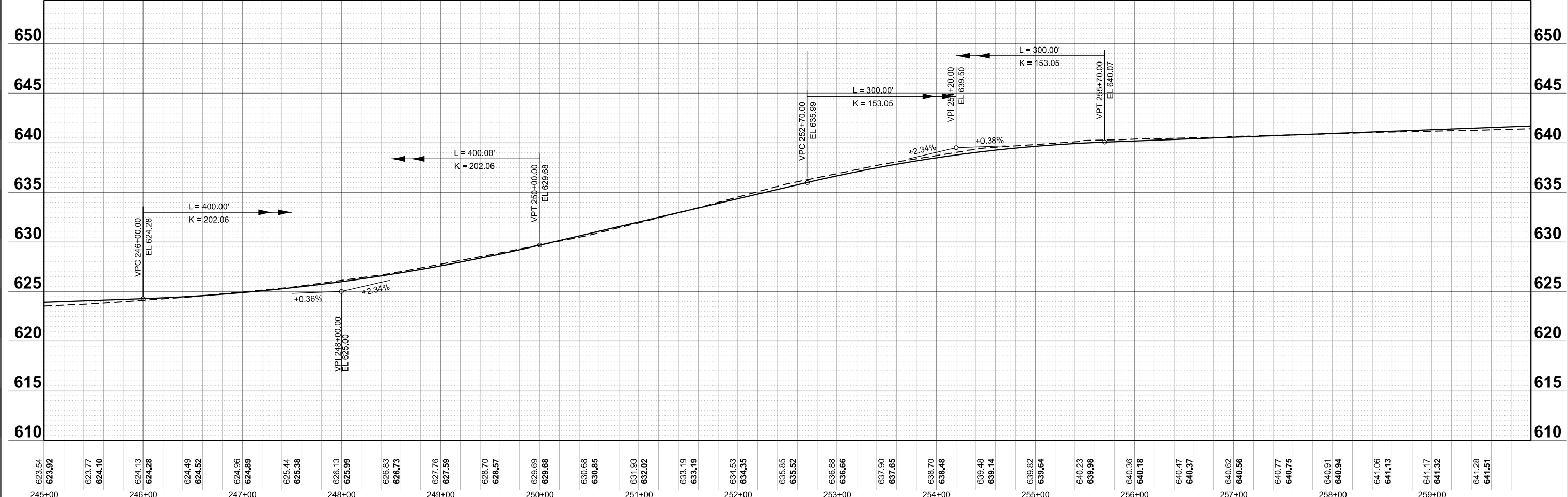
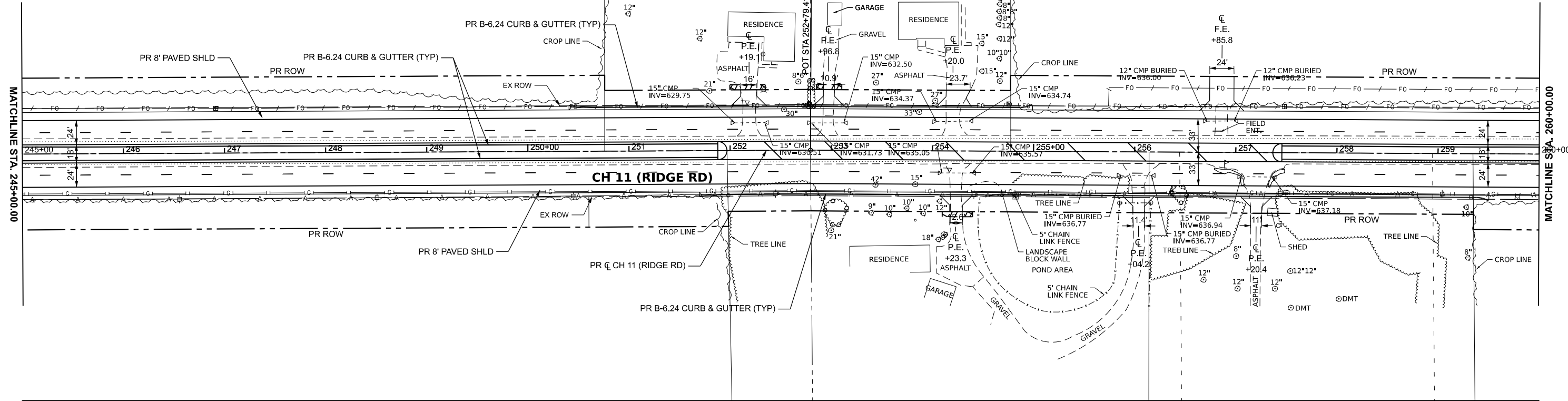
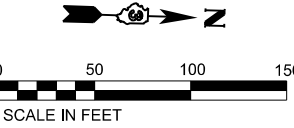
SCALE: H=50 V=5 SHEET 12 OF 25 SHEETS STA. 230+00 TO STA. 245+00

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	12
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

DATE	
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PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

MODEL: PL_RIDGE - Plan 13 (Sheet)
FILE NAME: V:\935E - Ridge Road - Hdt to Black - HE\ICADD\CADD Sheets\935E-sh-1-plnpr.dgn



623.54	623.92	623.77	624.10	624.13	624.28	624.49	624.52	624.96	624.89	625.44	625.38	626.13	625.99	626.83	626.73	627.76	627.59	628.70	628.57	629.69	629.68	630.68	630.85	631.93	632.02	633.19	633.19	634.53	634.35	635.85	635.52	636.88	636.66	637.90	637.65	638.70	638.48	639.48	639.14	639.82	639.64	640.23	639.98	640.36	640.18	640.47	640.37	640.62	640.56	640.77	640.75	640.91	640.94	641.06	641.13	641.17	641.32	641.28	641.51
245+00	246+00	247+00	248+00	249+00	250+00	251+00	252+00	253+00	254+00	255+00	256+00	257+00	258+00	259+00	260+00																																												



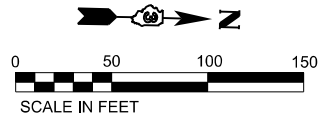
USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

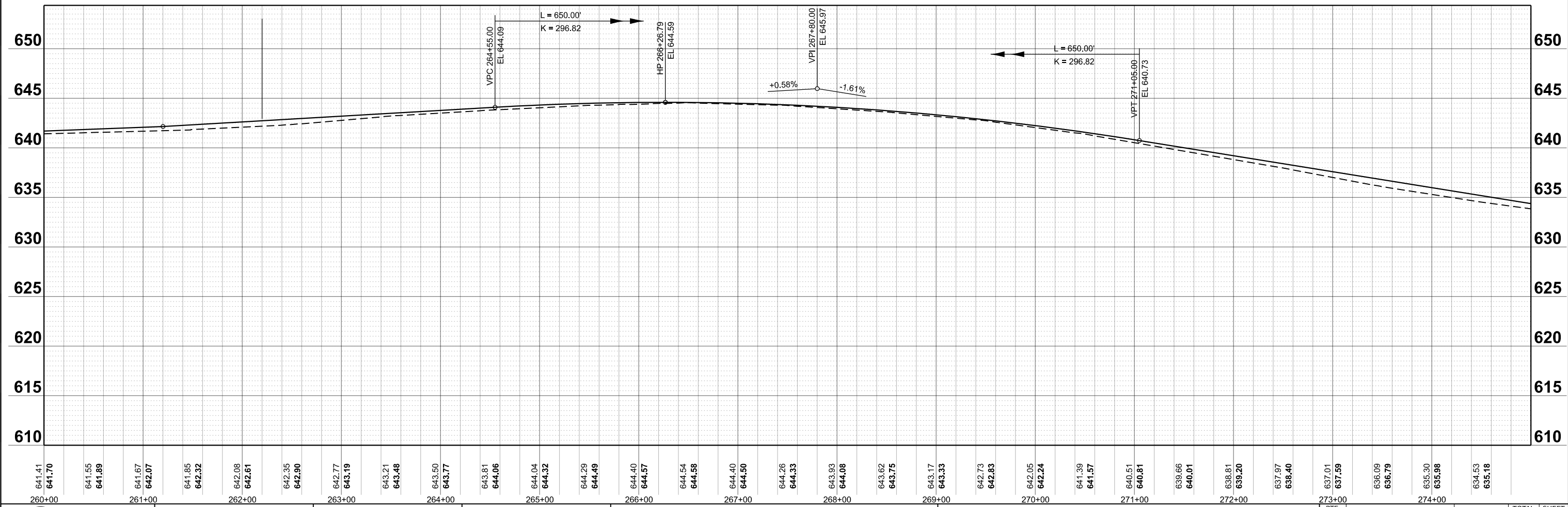
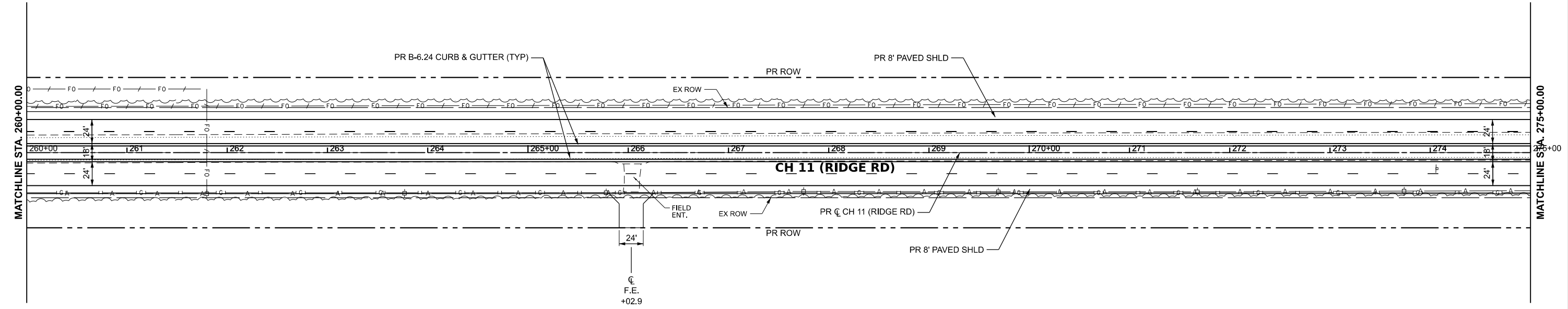
SCALE: H=50 V=5 SHEET 13 OF 25 SHEETS STA. 245+00 TO STA. 260+00

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	13
CONTRACT NO.				
ILLINOIS		FED. AID PROJECT		



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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



MODEL: PL_RIDGE - Plan 14 (Sheet)
 FILE NAME: V3095E - Ridge Road - Hwt to Black - HE ICADD\CADD Sheets\4998-sh1-plnpr1.dgn



USER NAME = BDeCraene	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**CH 11 (RIDGE RD)
PLAN AND PROFILE**

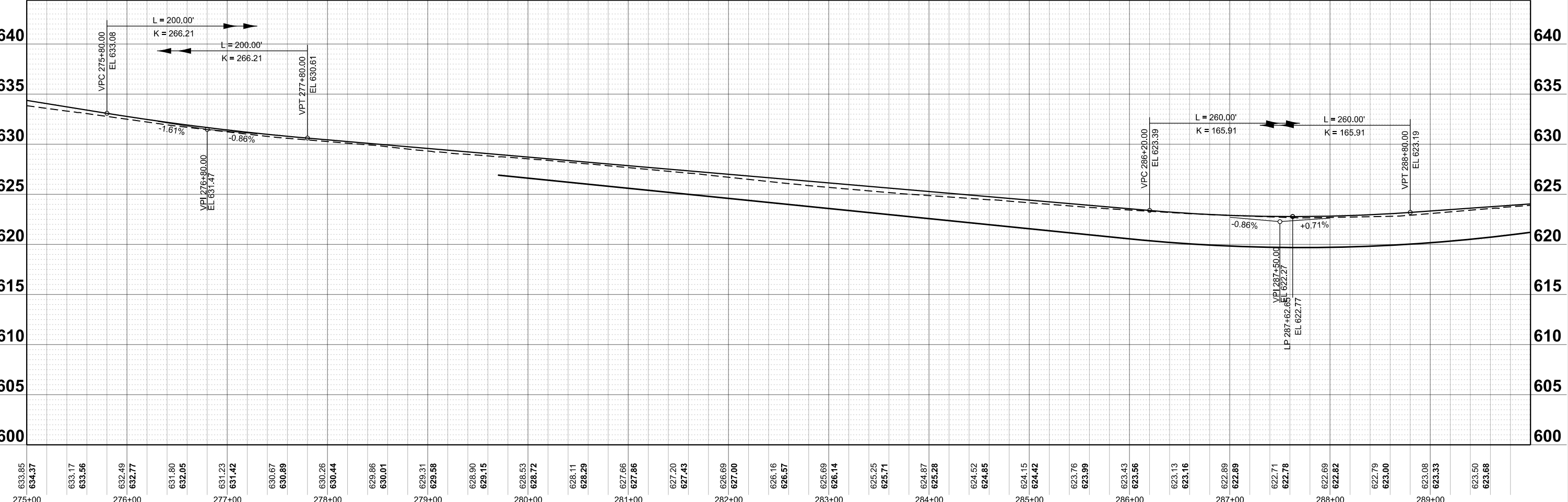
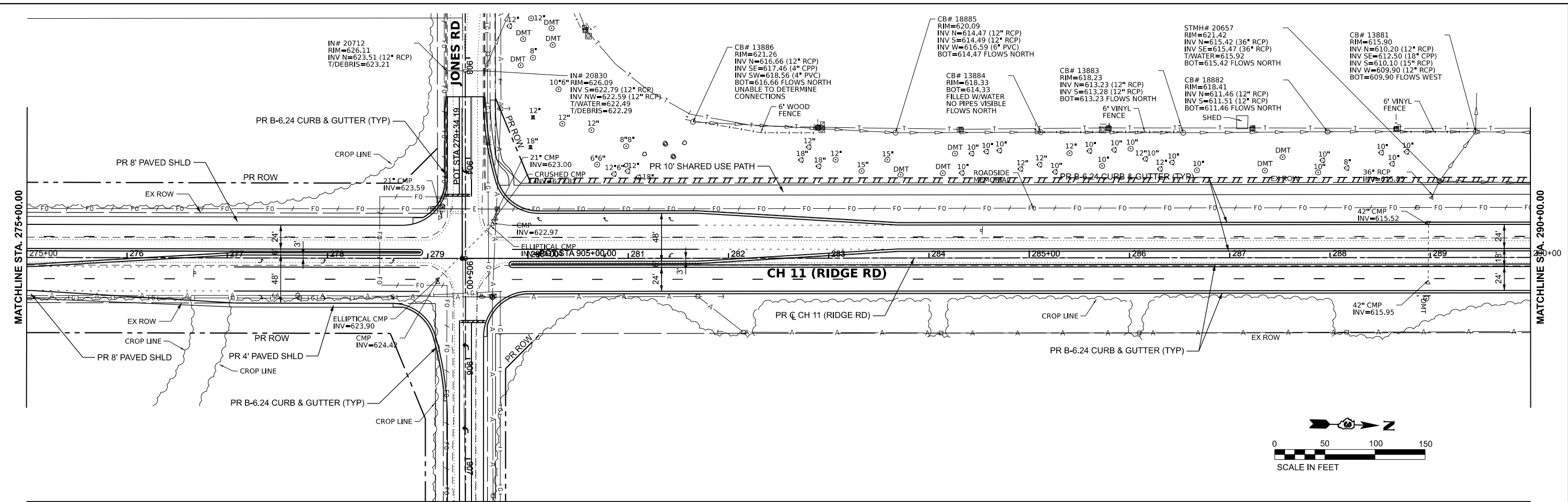
SCALE: H=50 V=5 SHEET 14 OF 25 SHEETS STA. 260+00 TO STA. 275+00

ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 14
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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MODEL: PL_RIDGE - Plan 15 (Sheet)
 FILE NAME: V:\9958 - Ridge Road - Proj to Black - PE ICADD\CADD Sheets\9958-shr-plnpr.dgn

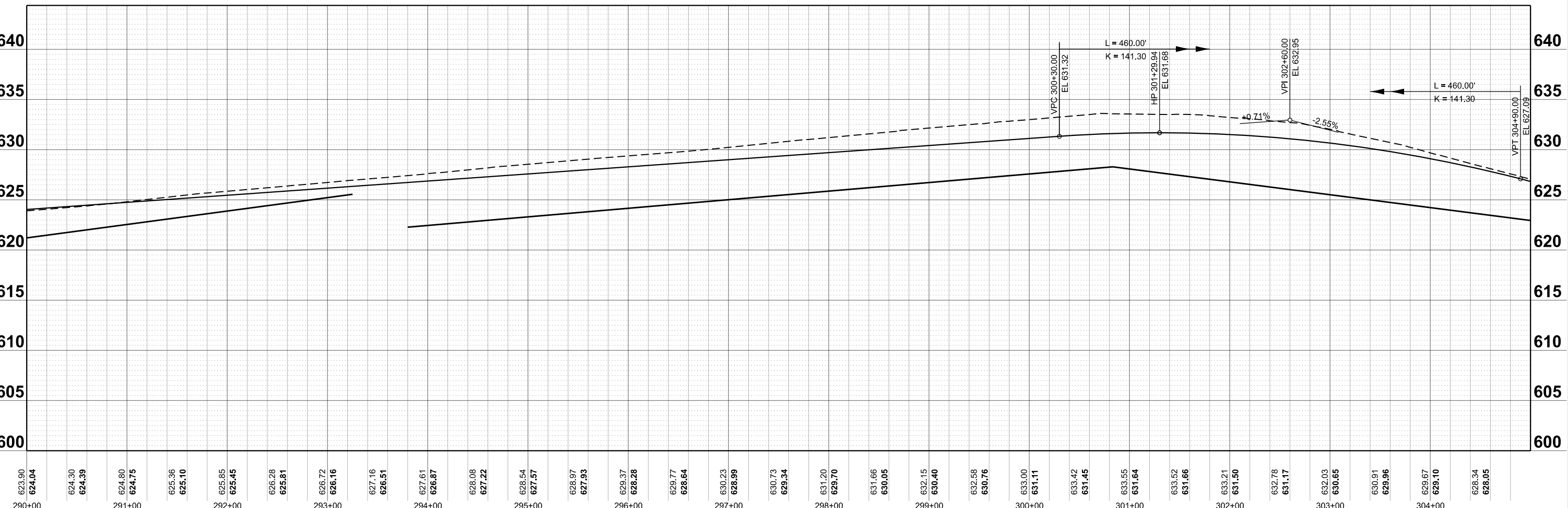
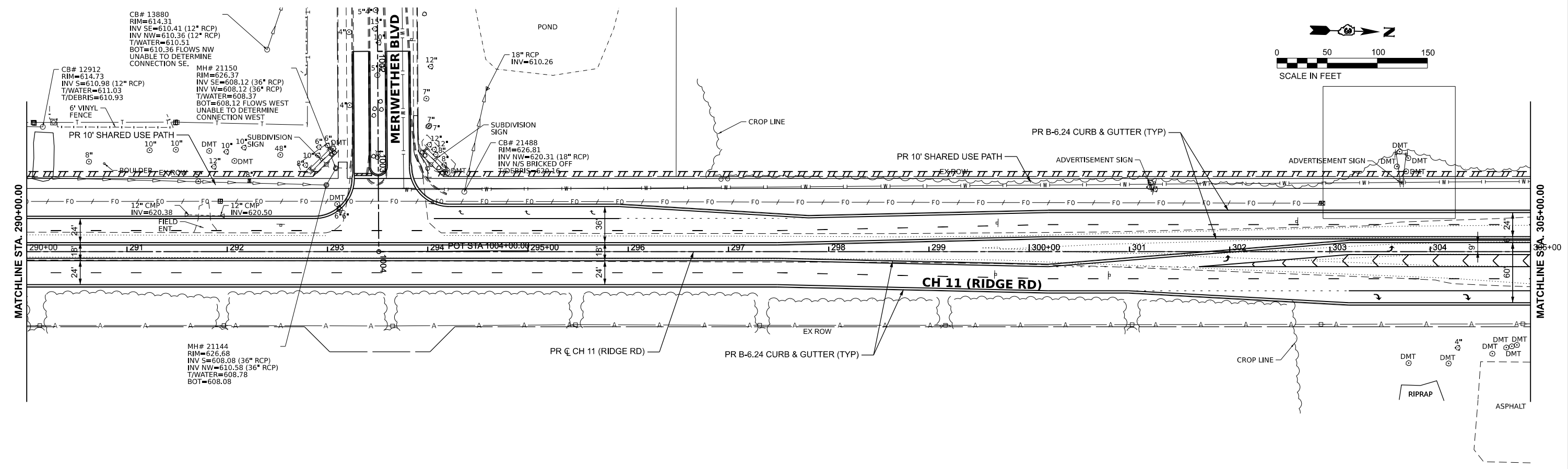


633.85	634.37	633.17	633.56	632.49	632.77	631.80	632.05	631.23	631.42	630.67	630.89	630.26	630.44	629.86	630.01	629.31	629.58	628.90	629.15	628.53	628.72	628.11	628.29	627.66	627.86	627.20	627.43	626.69	627.00	626.16	626.57	625.69	626.14	625.25	625.71	624.87	625.28	624.52	624.85	624.15	624.42	623.76	623.99	623.43	623.56	623.13	623.16	622.89	622.89	622.71	622.78	622.69	622.82	622.79	623.00	623.08	623.33	623.50	623.68
275+00	276+00	277+00	278+00	279+00	280+00	281+00	282+00	283+00	284+00	285+00	286+00	287+00	288+00	289+00	290+00																																												
USER NAME = BDeCraene		DESIGNED -	REVISED -	KENDALL COUNTY HIGHWAY DEPARTMENT		CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 15																																																	
PLOT SCALE = 0.16666633' / in.		CHECKED -	REVISED -	CH 11 (RIDGE RD) PLAN AND PROFILE		SCALE: H=50 V=5		SHEET 15 OF 25 SHEETS	STA. 275+00 TO STA. 290+00	ILLINOIS FED. AID PROJECT																																																	
PLOT DATE = 4/16/2024		DATE -	REVISED -																																																								

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PLOTTED	
ALIGNMENT CHECKED	
CONSTRUCTION CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

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BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATIONS CHKD	

MODEL: PL_RIDGE - Plan 16 (Sheet)
 FILE NAME: V:\0955 - Ridge Road - H&H to Black - H&H ICADD\CADD Sheets\0955-shr-plnpr1.dgn



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290+00				291+00				292+00				293+00				294+00				295+00				296+00				297+00				298+00				299+00				300+00				301+00				302+00				303+00				304+00			



USER NAME = BDeCraene	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

CH 11 (RIDGE RD)
PLAN AND PROFILE

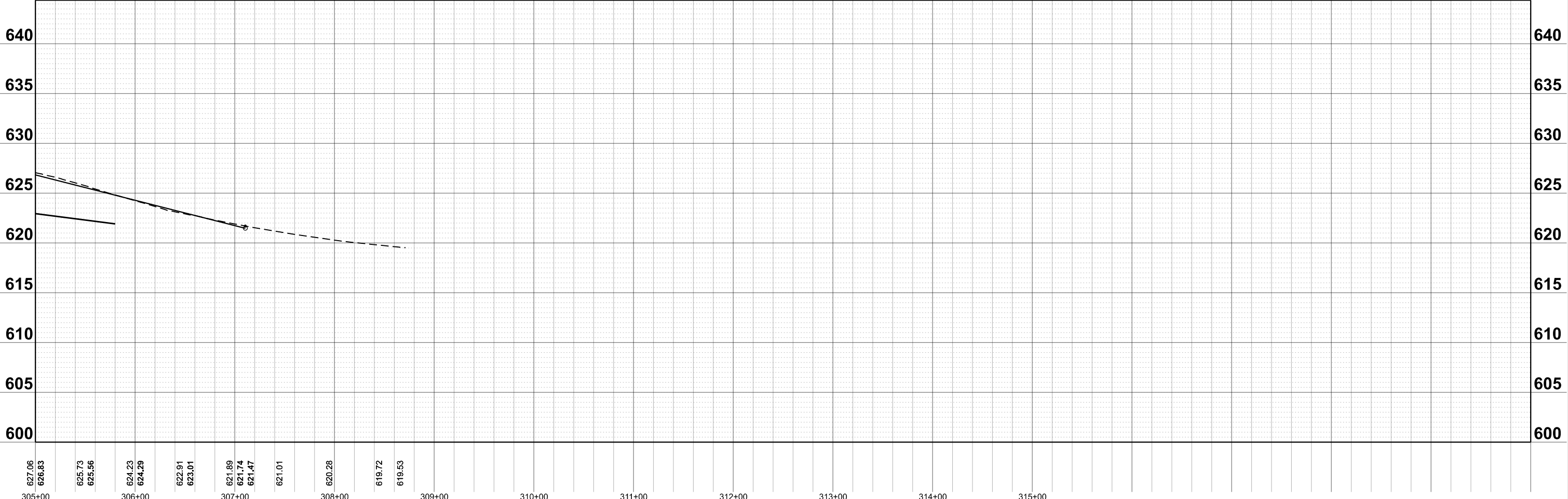
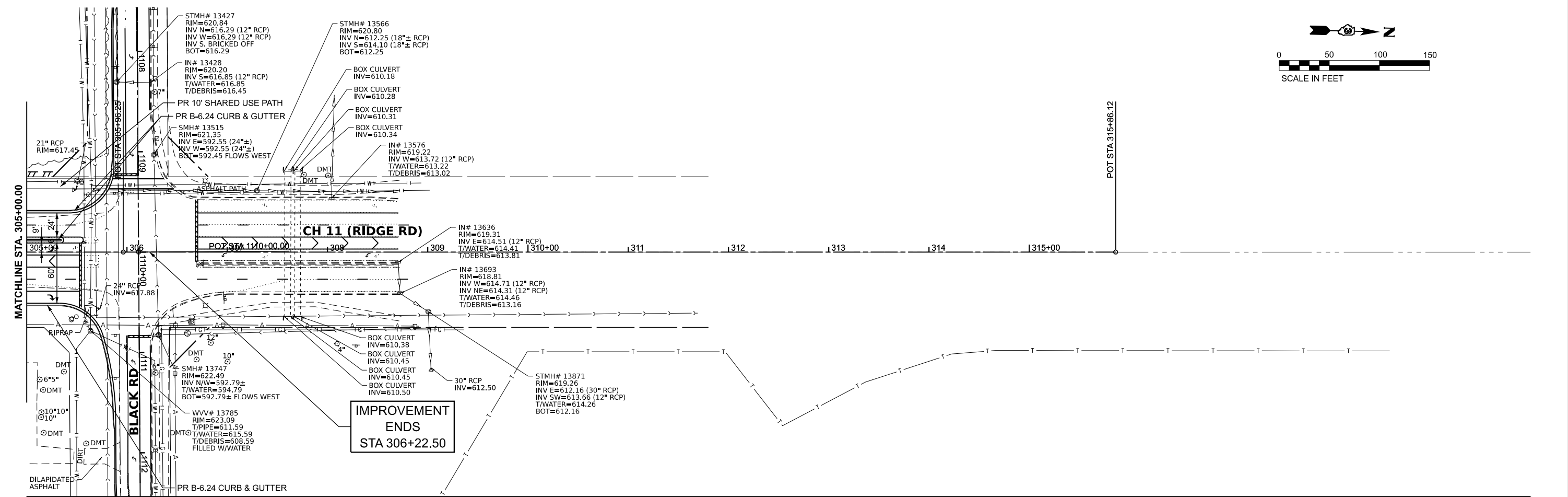
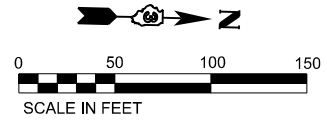
SCALE: H=50 V=5 SHEET 16 OF 25 SHEETS STA. 290+00 TO STA. 305+00

ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 16
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PL_RIDGE - Plan 17 (Sheet)
 FILE NAME: V:\305E - Ridge Road - 17 to Black - HE ICADD\CADD Sheets\499-sh-17-plnpr1.dgn



627.06	626.83	625.73	625.56	624.23	624.29	622.91	623.01	621.89	621.74	621.47	621.01	620.28	619.72	619.53	305+00	306+00	307+00	308+00	309+00	310+00	311+00	312+00	313+00	314+00	315+00
USER NAME = BDeCraene		DESIGNED -	REVISIED -	DRAWN -		REVISIED -	CHECKED -		REVISIED -	DATE -		REVISIED -													
PLOT SCALE = 0.16666633' / in.		KENDALL COUNTY HIGHWAY DEPARTMENT		CH 11 (RIDGE RD) PLAN AND PROFILE		SCALE: H=50 V=5		SHEET 17		OF 25 SHEETS		STA. 305+00		TO STA. 315+86.12		ILLINOIS		FED. AID PROJECT							

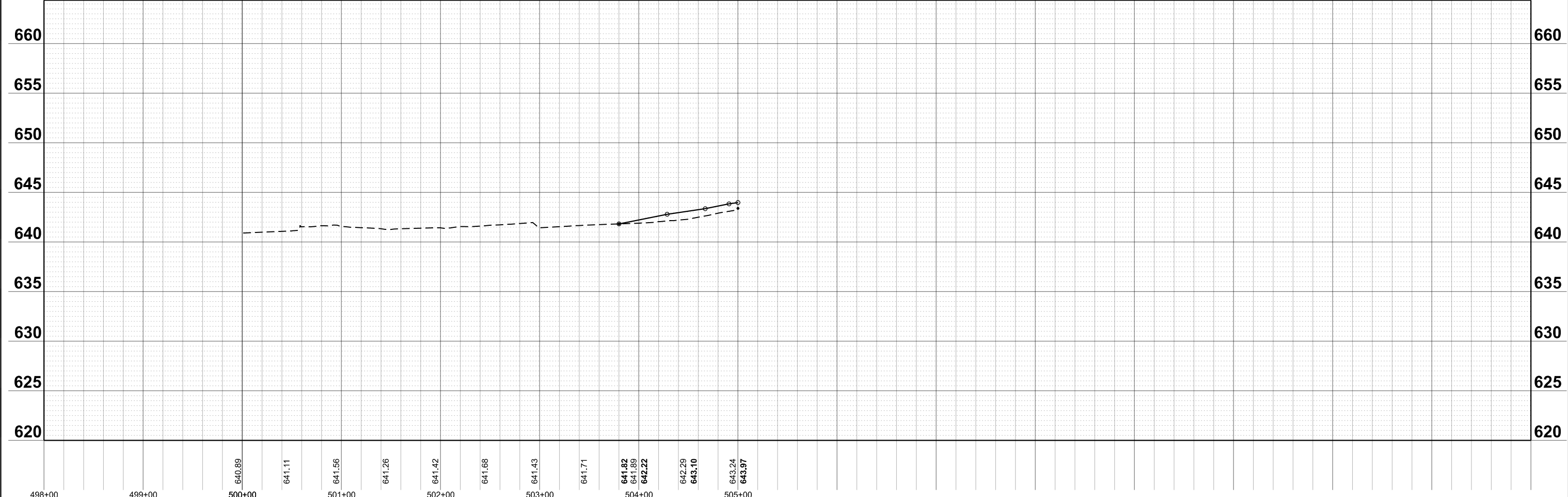
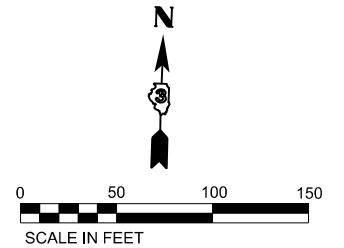
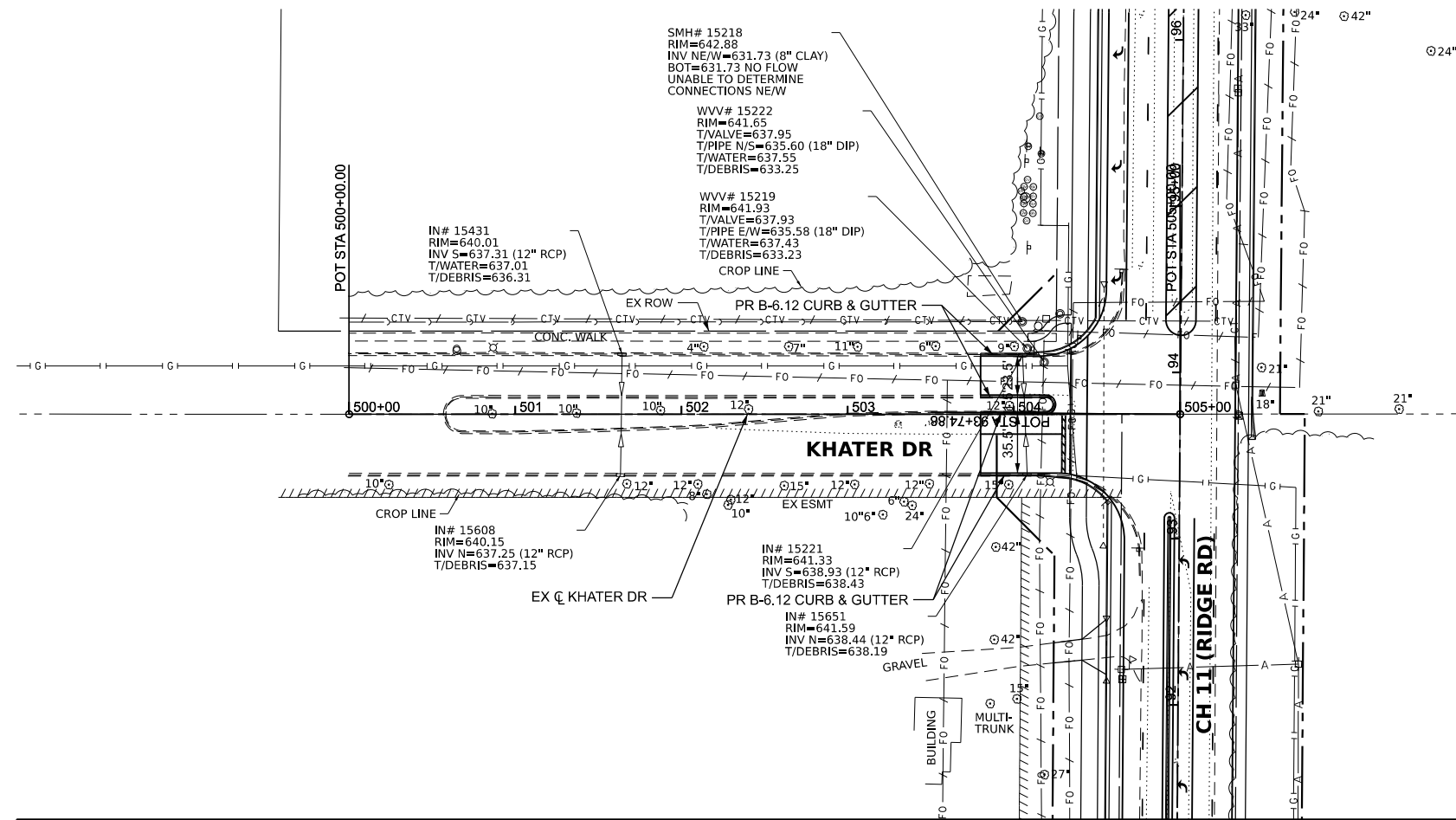


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	17
CONTRACT NO.				

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

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

MODEL: PK_KHATER - Plan 2 (Sheet)
 FILE NAME: V:\2025 - Ridge Road - 11 to Black - HE ICADD\CADD Sheets\4998-sh1-plnpr-cs18rds.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

KHATER DR
PLAN AND PROFILE

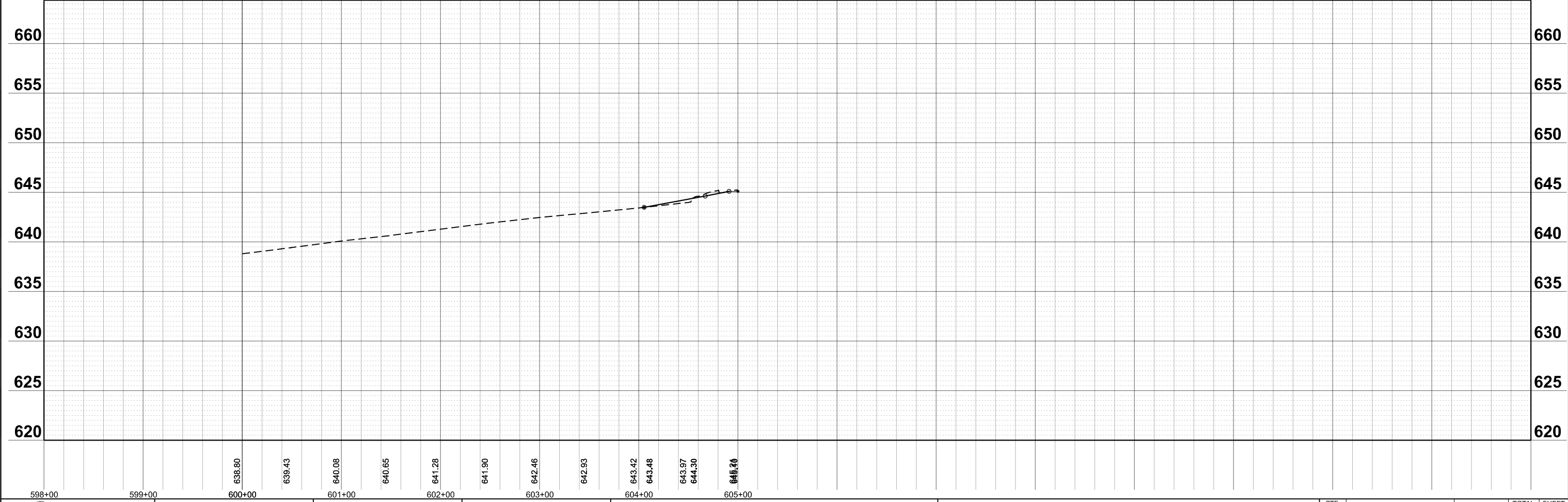
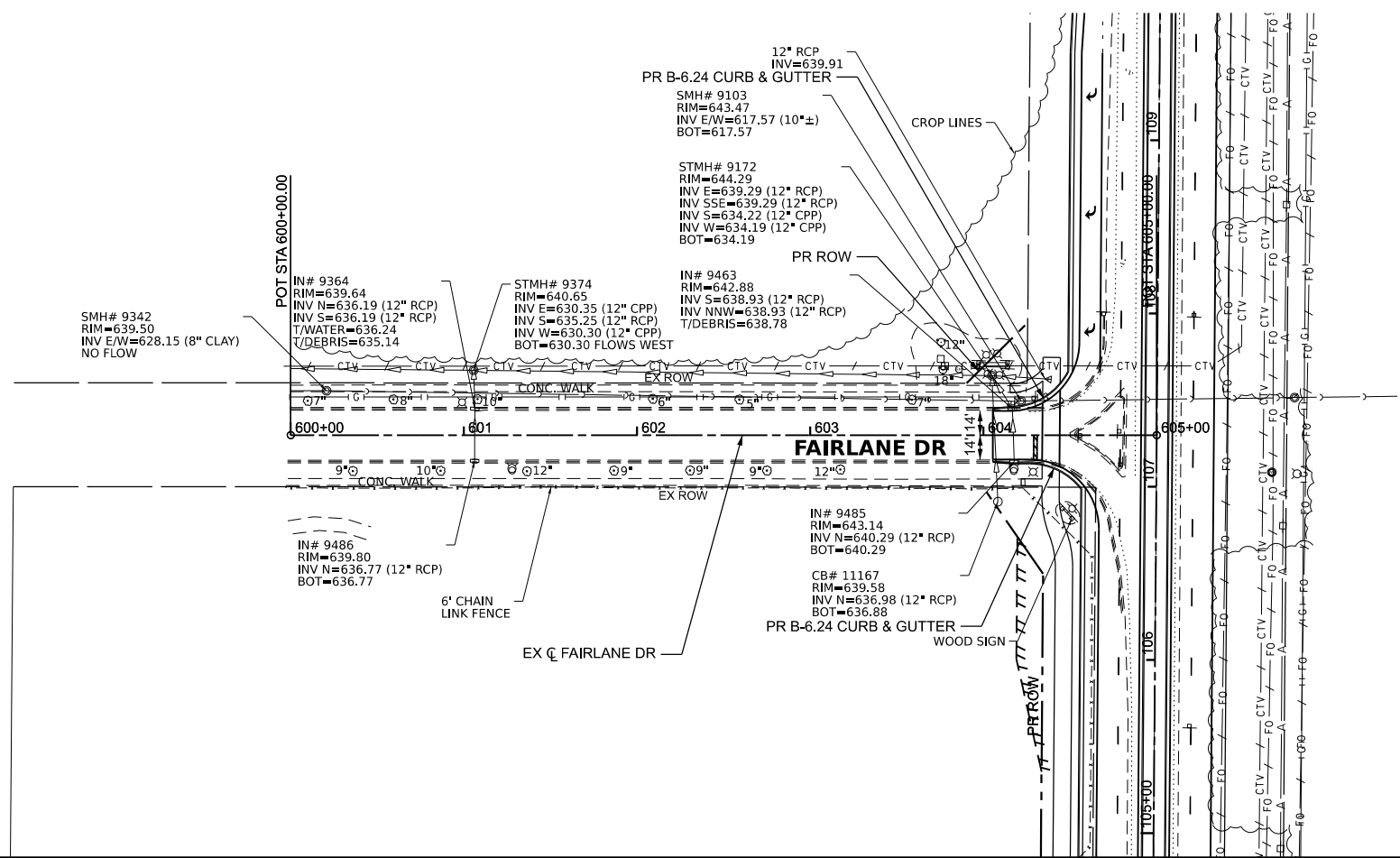
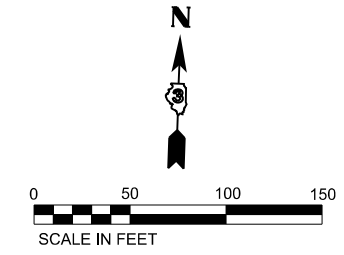
SCALE: H=50 V=5 SHEET 18 OF 25 SHEETS STA. 500+00 TO STA. 505+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	18
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PL_FAIRLANE - Plan 1 [Sheet]
 FILE NAME: V:\0252 - Ridge Road - Proj to Black - HE ICADD\CADD Sheets\4998-shr-plrpr-cs\ridge.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**FAIRLANE DR
PLAN AND PROFILE**

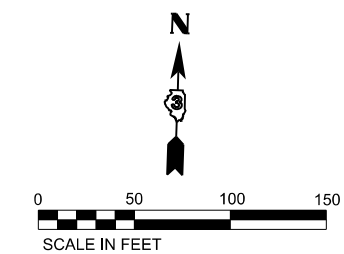
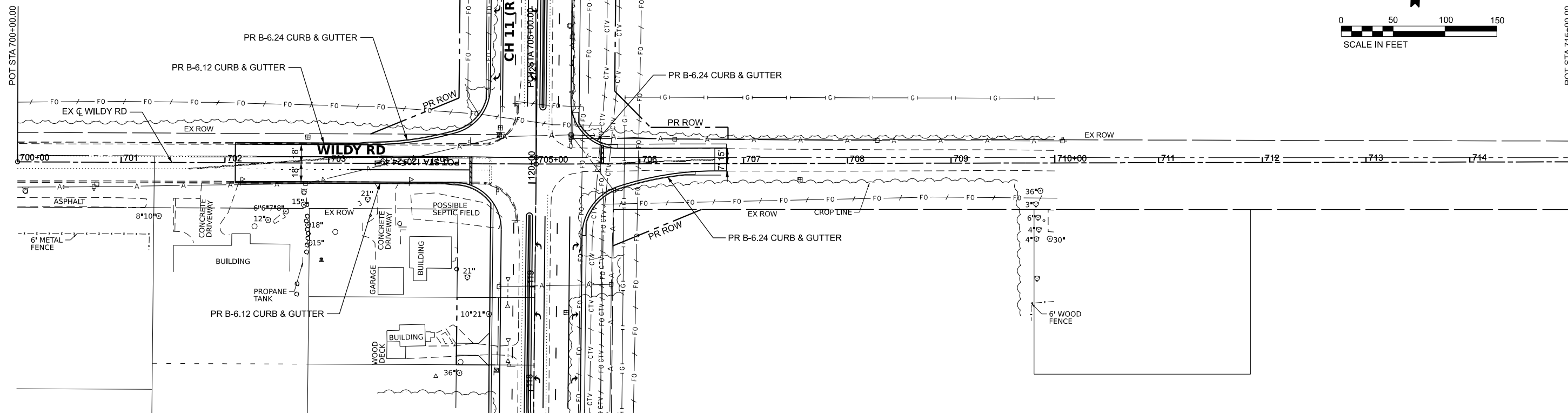
SCALE: H=50 V=5 SHEET 19 OF 25 SHEETS STA. 600+00 TO STA. 605+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	19
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PL_WILDY - Plan 1 [Sheet]
 FILE NAME: V:\0958 - Ridge Road - hnt to Black - HE ICADD\CADD Sheets\0958-shr-plrpr-cs\roads.dgn



646.83	647.99	648.81	649.21	649.59	649.65	649.89	649.94	649.98	649.99	649.80	649.52	649.50	648.93	649.30	649.00	649.22	649.78	648.66	649.11	649.40	649.14	649.79	649.64	649.80	649.85	649.45	648.90	648.57	648.40	648.47	648.59	648.68	648.55	648.60	648.63	648.53	648.60	648.44	648.21	648.08
700+00	701+00	702+00	703+00	704+00	705+00	706+00	707+00	708+00	709+00	710+00	711+00	712+00	713+00	714+00	715+00																									



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 4/16/2024	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**WILDY RD
PLAN AND PROFILE**

SCALE: H=50 V=5 SHEET 20 OF 25 SHEETS STA. 700+00 TO STA. 715+00

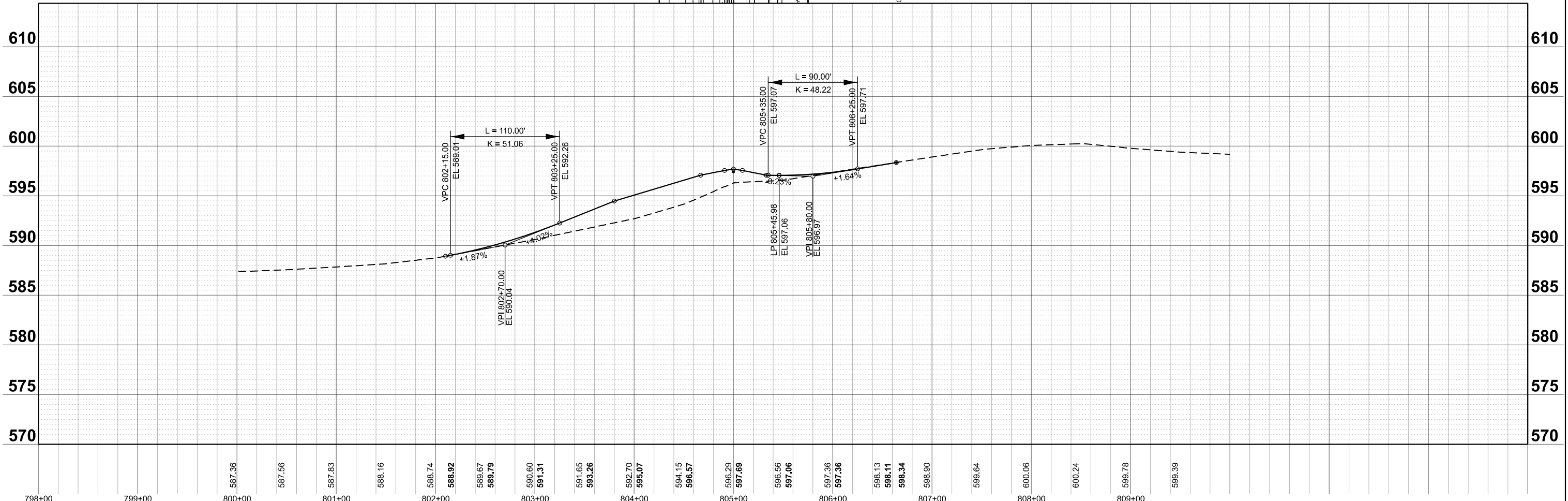
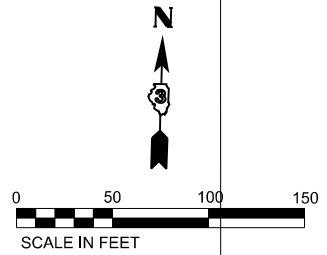
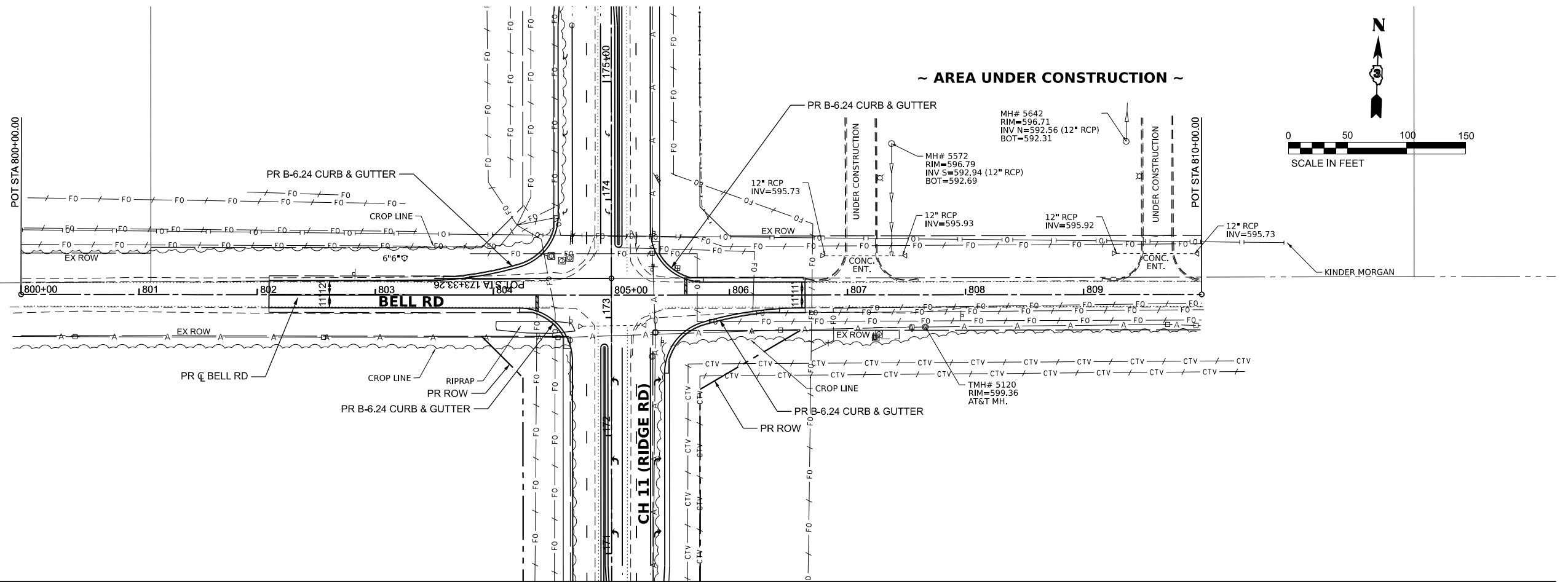
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	20
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

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

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

MODEL: PL_BELL - Plan 1 [Sheet]
FILE NAME: V:\0958 - Ridge Road - H&T to Black - H&T\ICADD\CADD Sheets\0958-shr-plnpr-cs\0958.dgn



USER NAME =	BDeCrane	DESIGNED -	REVISED -
		DRAWN -	REVISED -
PLOT SCALE =	0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE =	4/16/2024	DATE -	REVISED -

KENDALL COUNTY
HIGHWAY DEPARTMENT

BELL RD
PLAN AND PROFILE

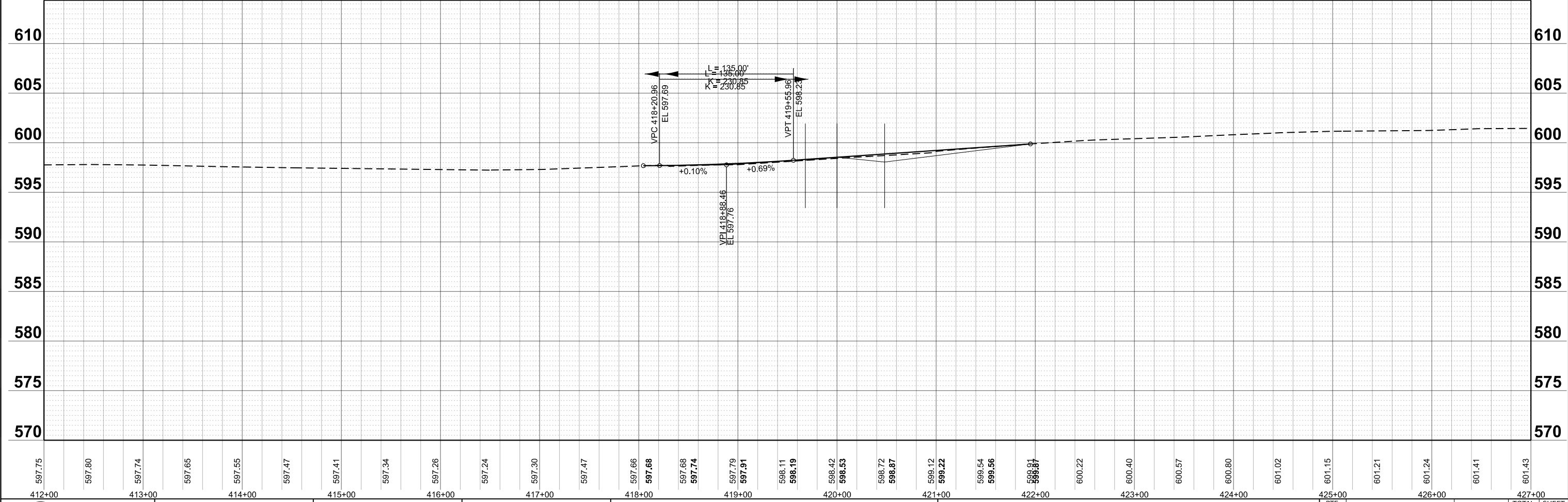
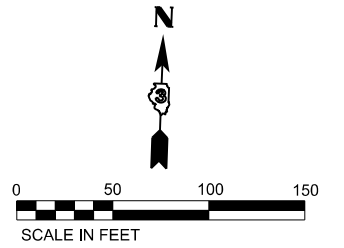
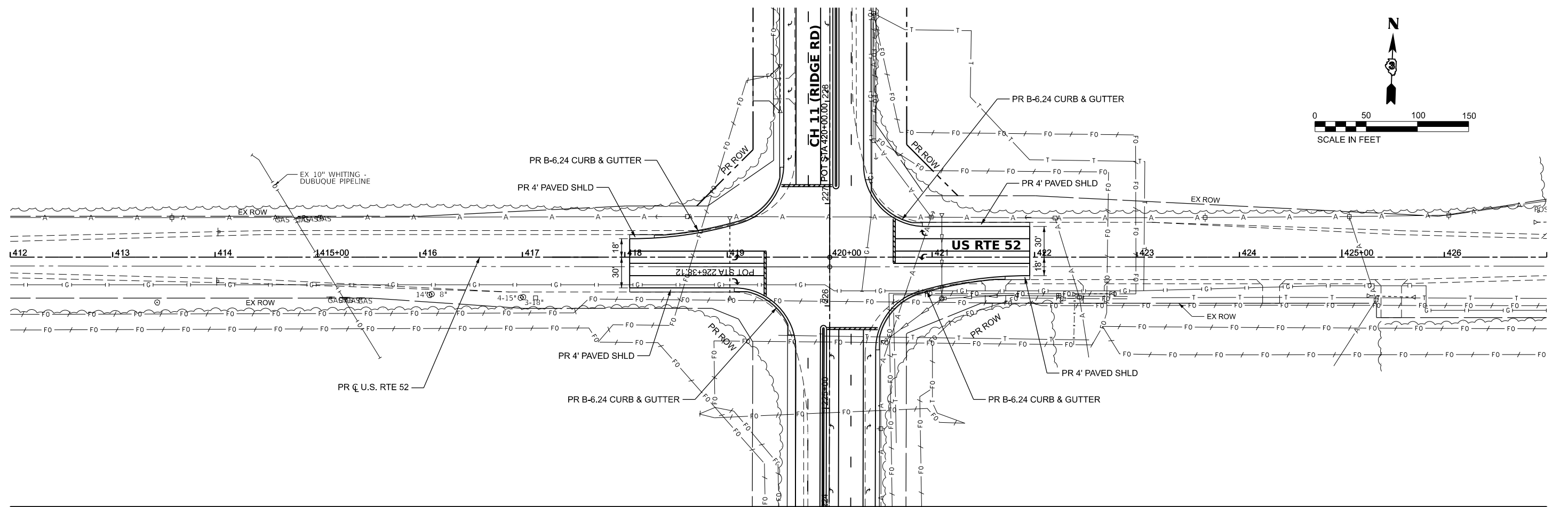
SCALE: H=50 V=5 SHEET 21 OF 25 SHEETS STA. 800+00 TO STA. 810+00

RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	21
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PL_US52 - Plan 1 (Sheet)
 FILE NAME: V:\9952 - Ridge Road - 11 to Black - HE\ICADD\CADD Sheets\9952-shr-plnpr-cs\9952.dgn



597.75	597.80	597.74	597.65	597.55	597.47	597.41	597.34	597.26	597.24	597.30	597.47	597.66	597.68	597.68	597.74	597.79	597.91	598.11	598.19	598.42	598.53	598.72	598.87	599.12	599.22	599.54	599.56	599.87	600.22	600.40	600.57	600.80	601.02	601.15	601.21	601.24	601.41	601.43
412+00	413+00	414+00	415+00	416+00	417+00	418+00	419+00	420+00	421+00	422+00	423+00	424+00	425+00	426+00	427+00																							



USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**US RTE 52
PLAN AND PROFILE**

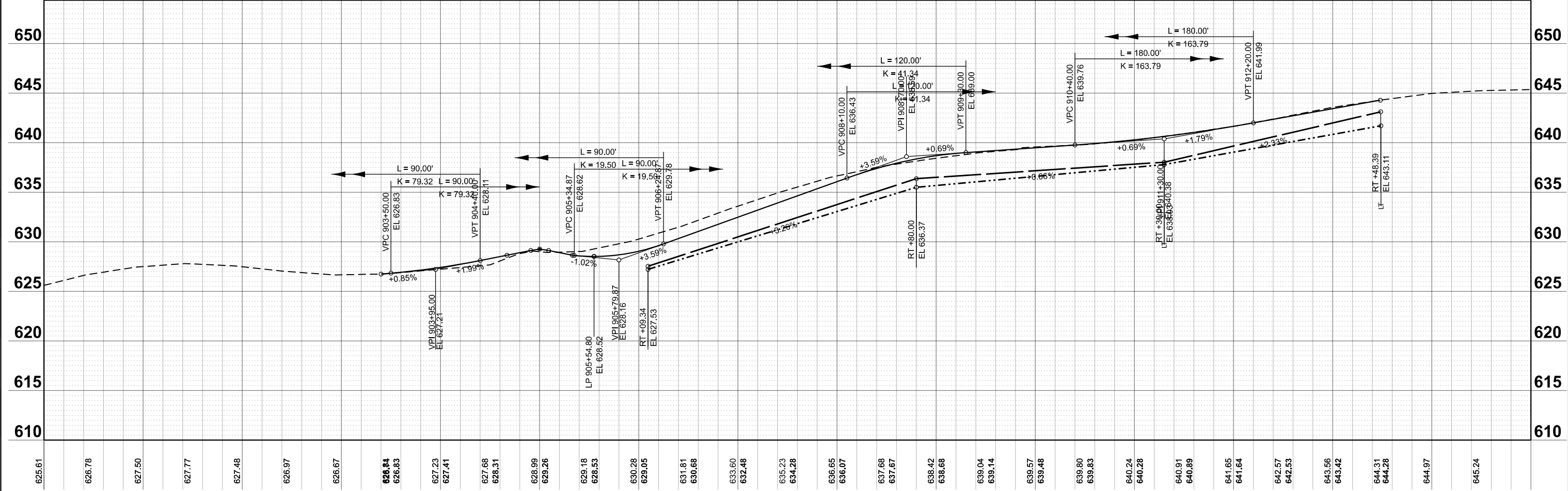
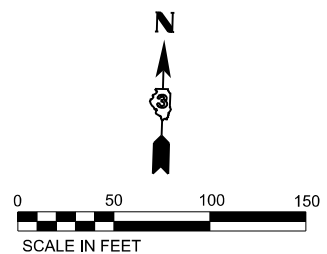
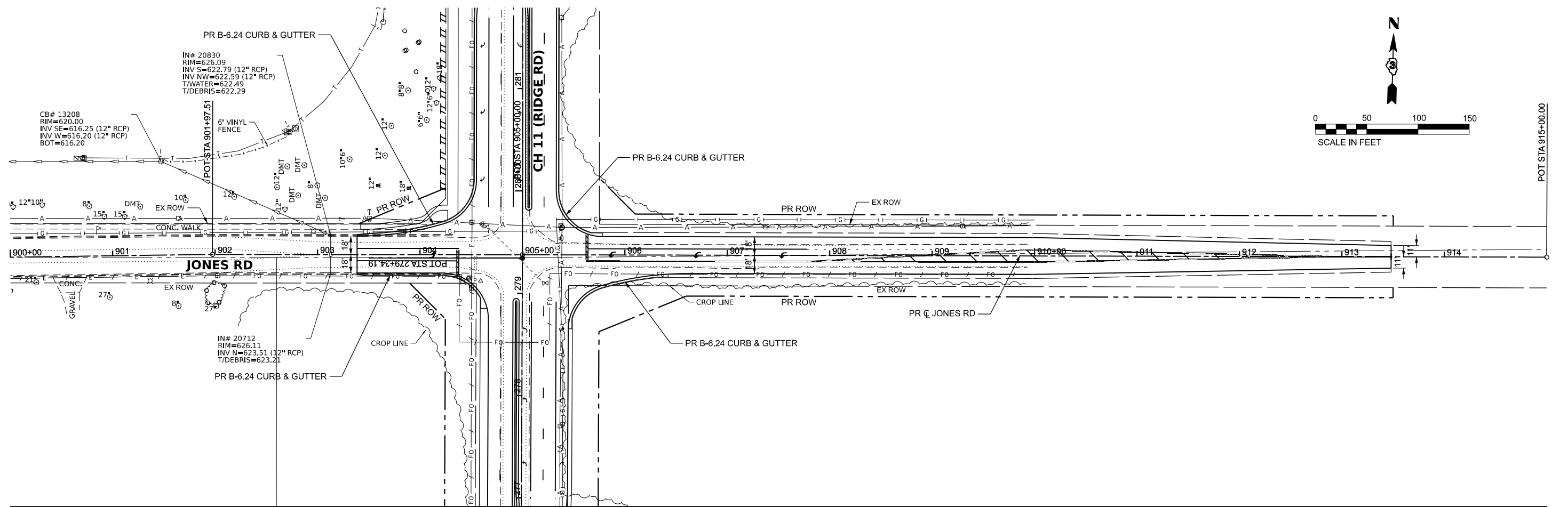
SCALE: H=50 V=5 SHEET 22 OF 25 SHEETS STA. 412+00 TO STA. 427+00

ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 22
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PR_JONES - Plan 1 (Sheet)
 FILE NAME: V:\0958 - Ridge Road - hnt to Black - H I\CAD\CADD Sheets\0958-shr-pln\pr-cs\0958.dgn



625.61	626.78	627.50	627.77	627.48	626.97	626.67	626.84	626.83	627.23	627.41	627.68	628.31	628.99	629.26	629.18	628.53	630.28	629.05	631.81	630.68	633.60	632.48	635.23	634.28	636.65	636.07	637.68	637.67	638.42	638.68	639.04	639.14	639.57	639.48	639.80	639.83	640.24	640.28	640.91	640.89	641.65	641.64	642.57	642.53	643.56	643.42	644.31	644.28	644.97	645.24
900+00		901+00		902+00		903+00		904+00		905+00		906+00		907+00		908+00		909+00		910+00		911+00		912+00		913+00		914+00		915+00																				



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 4/16/2024	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**JONES RD
PLAN AND PROFILE**

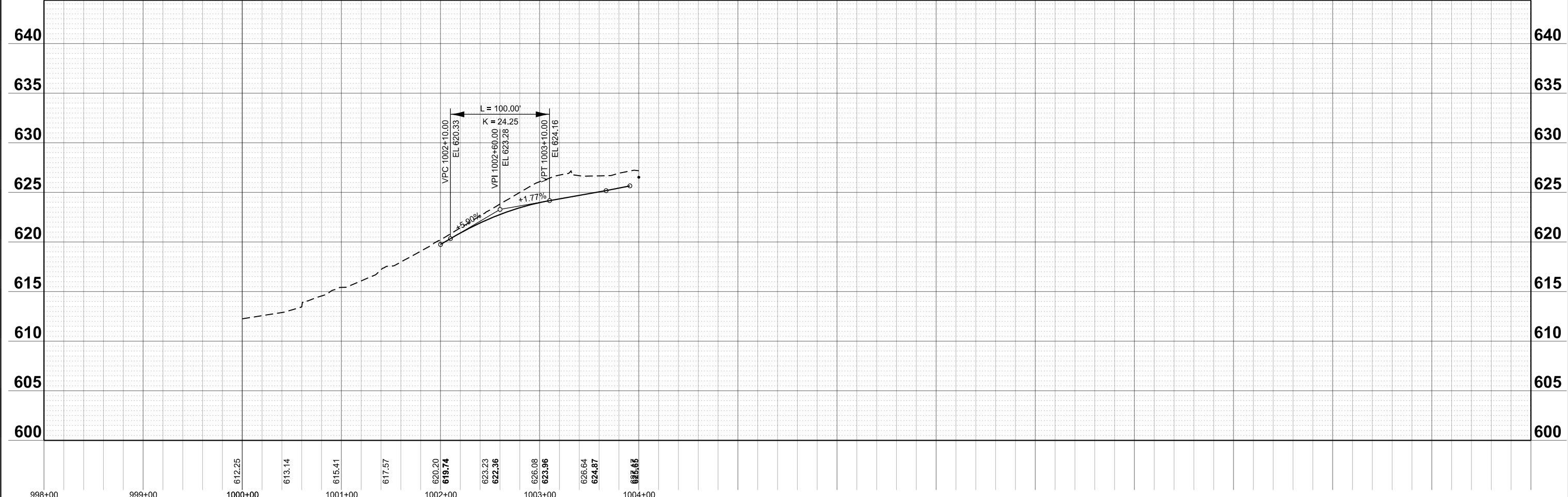
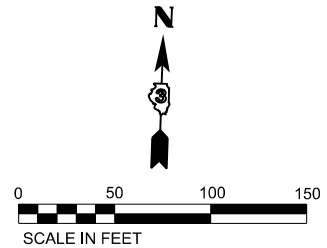
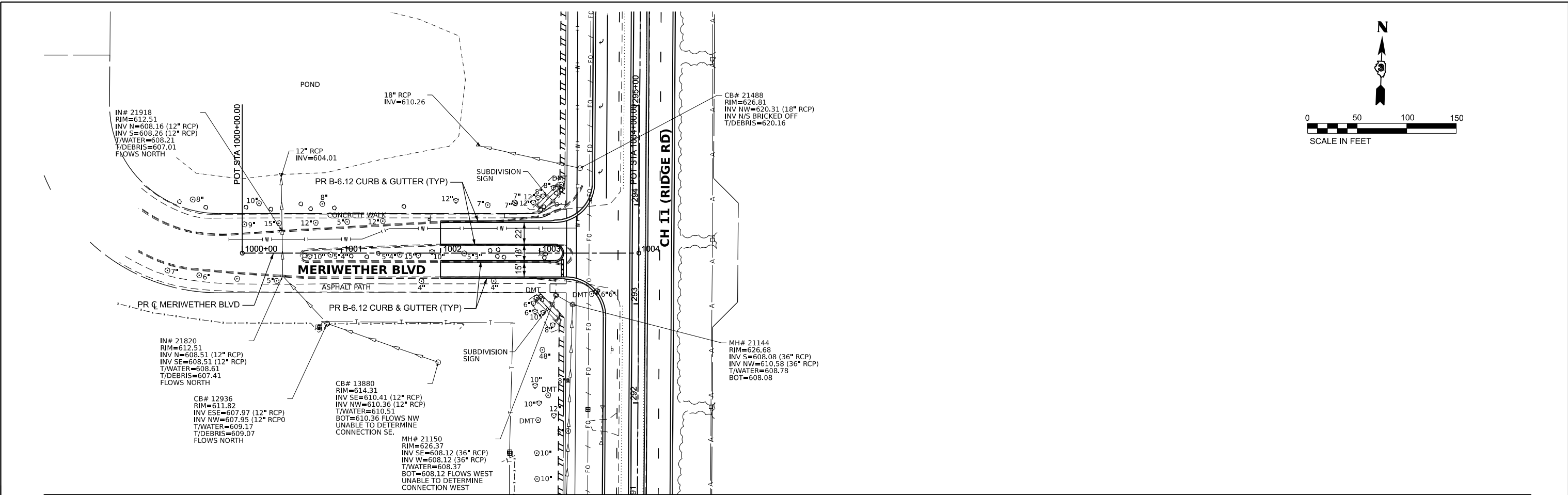
SCALE: H=50 V=5 SHEET 23 OF 25 SHEETS STA. 900+00 TO STA. 915+00

ROUTE NO. CH11	SECTION 22-00168-00-EG	COUNTY KENDALL	TOTAL SHEETS 25	SHEET NO. 23
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: PL_MERIWETHER - Plan 2 (Sheet)
 FILE NAME: V:\0958 - Ridge Road - Traf to Black - PE ICADD\CADD Sheets\0958-shr-plnpr-cs\roads.dgn



612.25	613.14	615.41	617.57	620.20	619.74	623.23	622.36	626.08	623.96	626.64	624.87	635.65
998+00	999+00	1000+00	1001+00	1002+00	1003+00	1004+00						



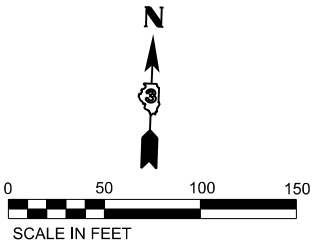
USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

**MERIWETHER BLVD
PLAN AND PROFILE**

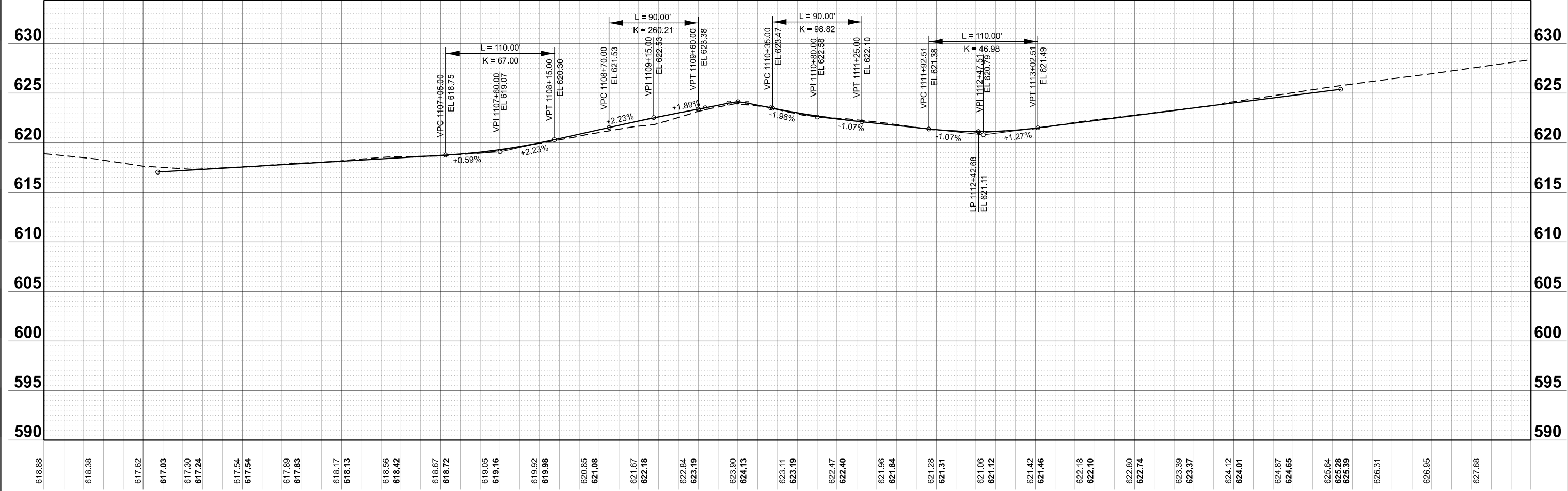
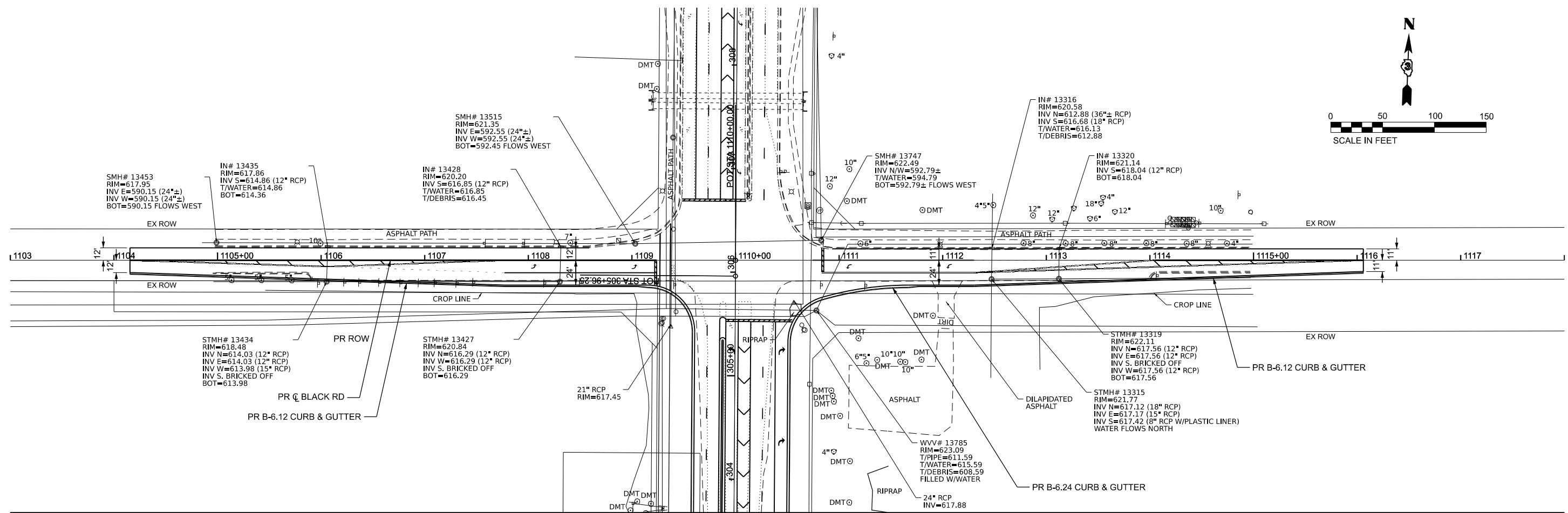
SCALE: H=50 V=5 SHEET 24 OF 25 SHEETS STA. 1000+00 TO STA. 1004+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	25	24
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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

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



618.88 1103+00	618.38	617.62	617.03 617.30 617.24	617.54 617.54	617.89 617.83	618.17 618.13	618.56 618.42	618.67 618.72	619.05 619.16	619.92 619.98	620.85 621.08	621.67 622.18	622.84 623.19	623.90 624.13	623.11 623.19	622.47 622.40	621.96 621.84	621.28 621.31	621.06 621.12	621.42 621.46	622.18 622.10	622.80 622.74	623.39 623.37	624.12 624.01	624.87 624.65	625.64 625.28 625.39	626.31	626.95	627.68	1116+00	1117+00
USER NAME = BDeCrane		DESIGNED -		REVISED -		DESIGNED -		REVISED -		DESIGNED -		REVISED -		DESIGNED -		REVISED -		DESIGNED -		REVISED -		DESIGNED -		REVISED -		DESIGNED -		REVISED -		DESIGNED -	
PLOT SCALE = 0.16666633' / in.		CHECKED -		REVISED -		CHECKED -		REVISED -		CHECKED -		REVISED -		CHECKED -		REVISED -		CHECKED -		REVISED -		CHECKED -		REVISED -		CHECKED -		REVISED -		CHECKED -	
PLOT DATE = 4/16/2024		DATE -		REVISED -		DATE -		REVISED -		DATE -		REVISED -		DATE -		REVISED -		DATE -		REVISED -		DATE -		REVISED -		DATE -		REVISED -		DATE -	
KENDALL COUNTY HIGHWAY DEPARTMENT		BLACK RD PLAN AND PROFILE		SCALE: H=50 V=5		SHEET 25 OF 25 SHEETS		STA. 1103+00 TO STA. 1118+00		ILLINOIS		FED. AID PROJECT		RTE. NO. CH11		SECTION 22-00168-00-EG		COUNTY KENDALL		TOTAL SHEETS 25		SHEET NO. 25		CONTRACT NO.							

MODEL: PL_BLACK - Plan 3 (Sheet)
FILE NAME: V3395E - Ridge Road - traffic to Black - PE (CADD)CADD Sheets(4998-sh)-plprr-plrroads.dgn

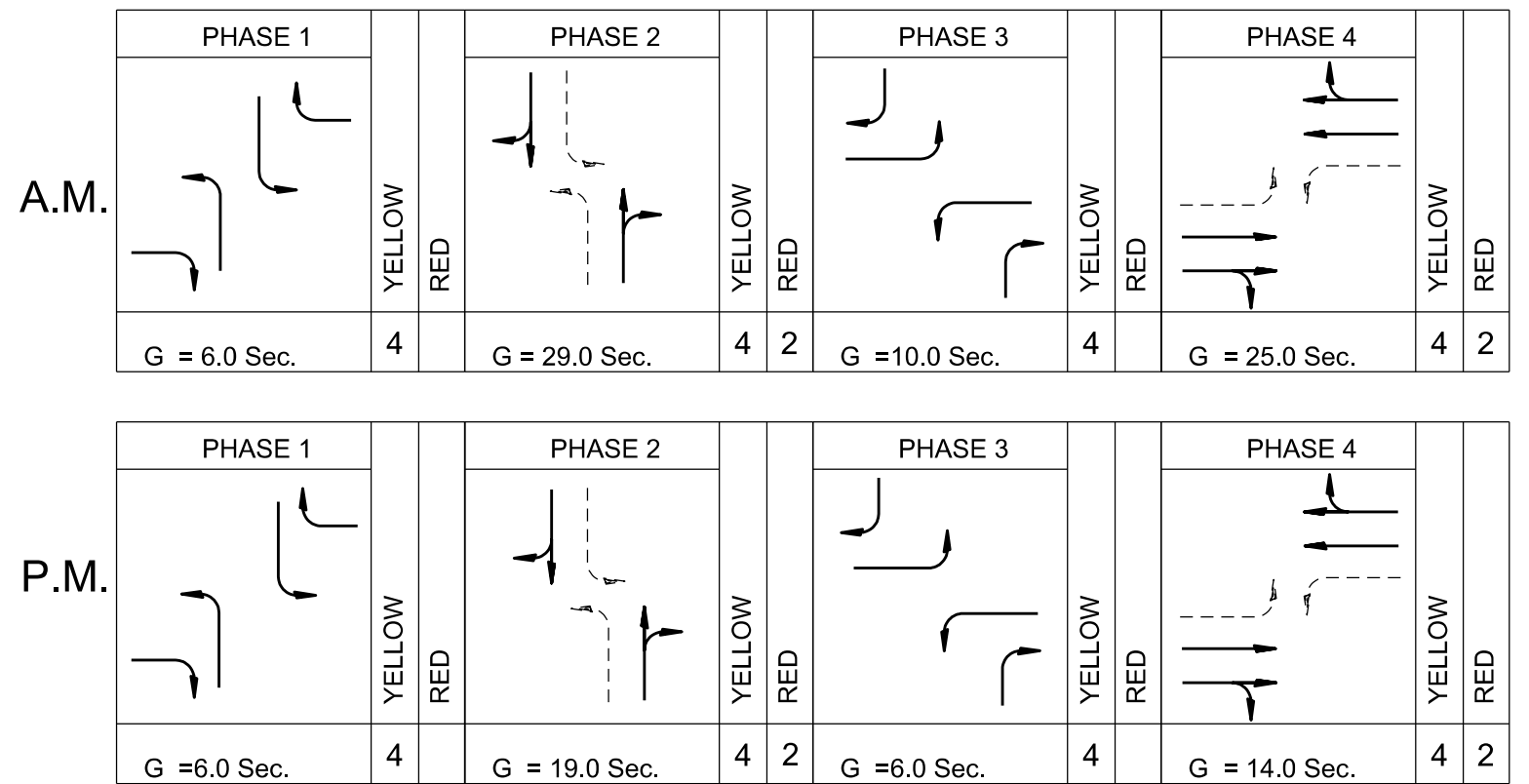


INTERSECTION DESIGN STUDIES

SIGNALIZED CAPACITY DESIGN ANALYSIS

PROGRAM USED: HCS , VERSION: 2022 SIGNAL TYPE: ACTUATED AREA TYPE: OTHER
 NUMBER OF PHASES: (A.M.) 4 (P.M.) 4 CYCLE LENGTH: (A.M.) 90 SEC. (P.M.) 65 SEC. PEAK HOUR FACTOR: 0.94
 INTERSECTION DELAY/LEVEL-OF-SERVICE A.M. 22.5 SECONDS LOS C P.M. 21.0 SECONDS LOS C

APPROACH	A - SOUTHBOUND			B - NORTHBOUND			C - EASTBOUND			D - WESTBOUND		
LANE GROUP	L	T	R	L	T	R	L	T	R	L	T	R
NUMBER OF LANES	1	2@12'	1	1	2@12'	1	1	1	1	1	1	1
2042 30TH MAX. HOUR TRAFFIC (veh/h)	A.M. 64	279	20	81	310	116	6	170	102	109	151	30
	P.M. 67	587	18	129	627	156	17	157	97	156	266	62
BASE SATURATION FLOW RATE (veh/h)	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750
LANE WIDTH (FT)	12	12	12	12	12	12	12	12	12	12	12	12
VOLUME OF RIGHT TURN ON RED (veh/h)	A.M. 0	P.M. 0		A.M. 0	P.M. 0		A.M. 0	P.M. 0		A.M. 0	P.M. 0	
PEDESTRIANS/HOUR (ped/h)	A.M. 0	P.M. 0		A.M. 0	P.M. 0		A.M. 0	P.M. 0		A.M. 0	P.M. 0	
ARRIVAL TYPE	3			3			3			3		
LANE UTILIZATION ADJ. FACTOR	1	0.952	1	1	0.952	1	1	1	1	1	1	1
GREEN TIME (SECONDS)	A.M. 35.0	29.0	39.0	35.0	29.0	39.0	35.0	25.0	31.0	35	25.0	31.0
	P.M. 25.0	19.0	25.0	25.0	19.0	25.0	20.0	14.0	20.0	20.0	14.0	20.0
GREEN RATIO (g/C)	A.M. .34	.27	.38	.41	.32	.43	.39	.28	.39	.39	.28	.35
	P.M. .38	.28	.38	.38	.28	.38	.32	.23	.32	.32	.23	.32
CAPACITY (c)	A.M. 358	860	535	424	1001	558	515	470	513	466	447	450
	P.M. 302	903	519	318	933	540	273	362	376	416	346	471
v/c RATIO (v/c)	A.M. .19	.35	.04	.20	.33	.22	.01	.39	.21	.25	.36	.07
	P.M. .24	.69	.04	.43	.72	.31	.09	.46	.28	.40	.82	.14
STORAGE QUEUE (VEHICLES)	A.M. 1.7	4.3	0.5	1.9	4.4	2.6	0.1	5.1	2.4	2.5	4.5	0.7
	P.M. 1.1	7.0	0.3	2.2	7.2	2.6	0.4	3.6	1.8	3.0	7.4	1.1
LANE GROUP DELAY (SECONDS)	A.M. 20.7	26.2	17.2	17.3	23.3	16.1	16.9	26.2	18.1	18.5	26.0	19.6
	P.M. 15.1	22.7	12.9	15.7	21.5	14.5	16.9	22.2	16.8	17.5	28.8	16.0
LANE GROUP LEVEL-OF-SERVICE	A.M. C	C	B	B	C	B	B	C	B	B	C	B
	P.M. B	C	B	B	C	B	B	C	B	B	C	B
APPROACH DELAY (SECONDS/VEHICLE)	A.M. 24.7			20.7			23.0			22.5		
	P.M. 21.7			19.5			19.9			23.5		
APPROACH LEVEL-OF-SERVICE	A.M. C			C			C			C		
	P.M. C			B			B			C		



ELEMENTS CONTROLLING DESIGN

PREFERRED ROUTE:
 F.A. ROUTE NUMBER: FAS 285. MARKED ROUTE NUMBER: CH 11.
 STREET NAME: RIDGE ROAD - SRA ROUTE ? Y/N N.
 FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL. OSOW DESIGN Y/N N.
 EXISTING ADT: 2022 10300 VPD. DESIGN YEAR ADT: 2042 16500 VPD.
 PROPOSED DESIGN SPEED: 45 MPH. PROPOSED POSTED SPEED: 45 MPH.

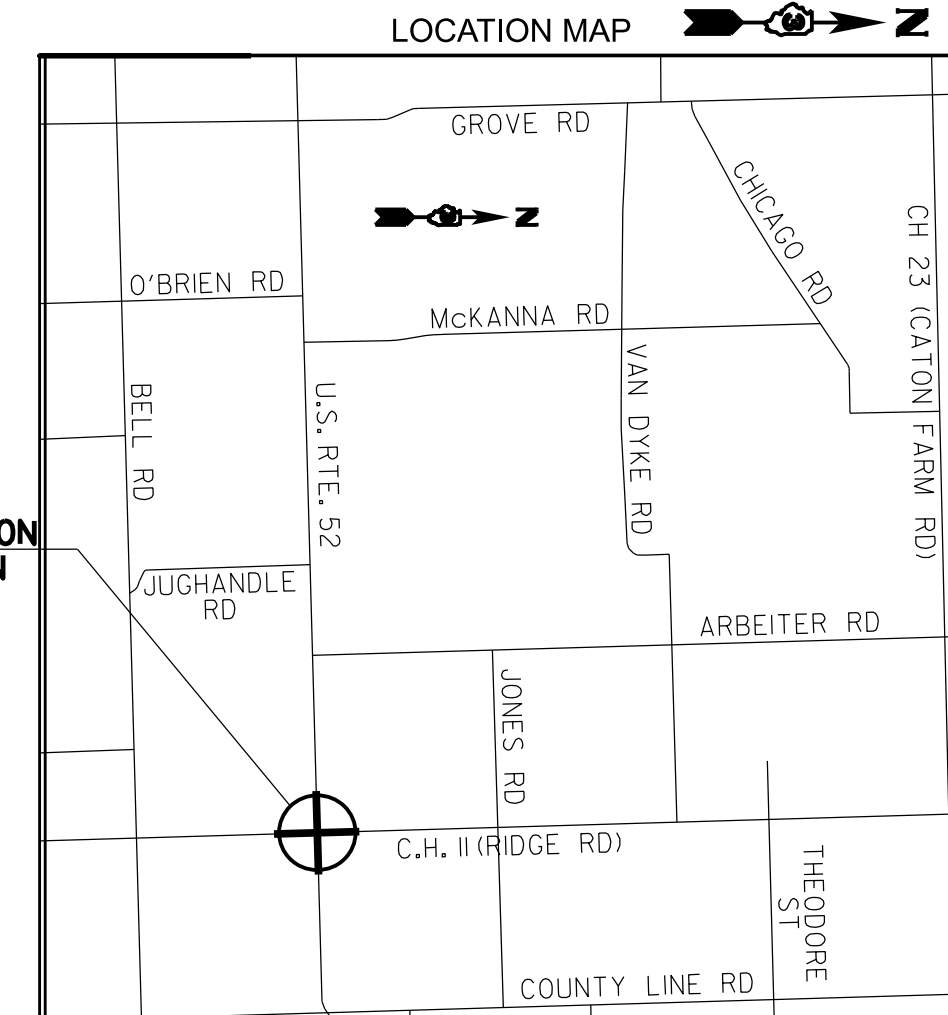
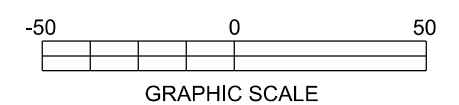
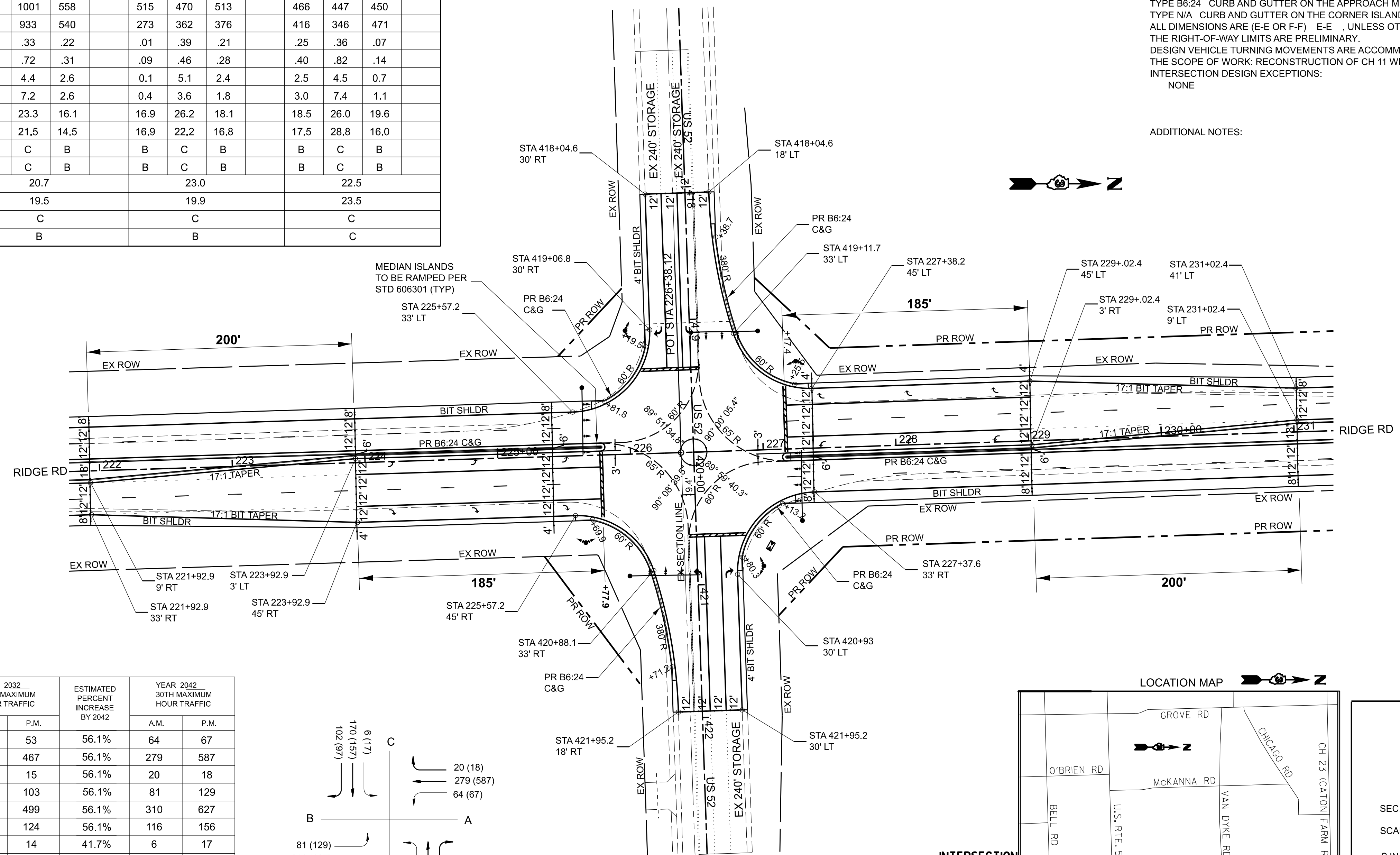
SECONDARY ROUTE:
 F.A. ROUTE NUMBER: FAP 607. MARKED ROUTE NUMBER: US ROUTE 52.
 STREET NAME: US ROUTE 52. SRA ROUTE ? Y/N N.
 FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL. OSOW DESIGN Y/N N.
 EXISTING ADT: 2022 5150 VPD. DESIGN YEAR ADT: 2042 7800 VPD.
 PROPOSED DESIGN SPEED: 45 MPH. PROPOSED POSTED SPEED: 45 MPH.

IMPROVEMENT TYPE: RECONSTRUCTION. ANTICIPATED YEAR OF CONSTRUCTION: 2025.
 EXISTING METHOD OF TRAFFIC CONTROL: SIGNALIZED. PROPOSED METHOD: SIGNALIZED.
 SIGNAL WARRANT: WARRANT 1: CONDITION A AND A/B - 8 HOUR, WARRANT 2 - 4 HOUR, WARRANT 3 - PEAK HOUR.
 DESIGN VEHICLE: WB 65.
 DESIGN YEAR: 2042 WHICH IS A 20 YEAR DESIGN.
 TRUCK ROUTE DESIGNATION: PREFERRED ROADWAY: NONE.
 SECONDARY ROADWAY: US 52 - CLASS II TRUCK ROUTE.
 DESIGN CRITERIA: CH 29, 30, 31, 32, 33, 34 AND FIGURE 32-2D OF THE LR&S MANUAL: CH 36 OF THE BDE MANUAL.

GENERAL NOTES

ARE PROFILES PROVIDED ? (YES/NO. IF NOT, STATE REASON WHY):
 TYPE B6:24 CURB AND GUTTER ON THE OUTSIDE OF THE ROADWAY/SHOULDERS.
 TYPE B6:24 CURB AND GUTTER ON THE APPROACH MEDIAN.
 TYPE N/A CURB AND GUTTER ON THE CORNER ISLANDS.
 ALL DIMENSIONS ARE (E-E OR F-F) E-E UNLESS OTHERWISE NOTED.
 THE RIGHT-OF-WAY LIMITS ARE PRELIMINARY.
 DESIGN VEHICLE TURNING MOVEMENTS ARE ACCOMMODATE PER TRANSOFT AUTO TURN SOFTWARE, VERSION 11.
 THE SCOPE OF WORK: RECONSTRUCTION OF CH 11 WITH 4 LANES, SHLDRS AND 18' MEDIAN
 INTERSECTION DESIGN EXCEPTIONS:
 NONE

ADDITIONAL NOTES:



INTERSECTION DESIGN STUDY

FAS ROUTE 285 (CH 11 (RIDGE RD))
 WITH FAP 607 (US ROUTE 52)

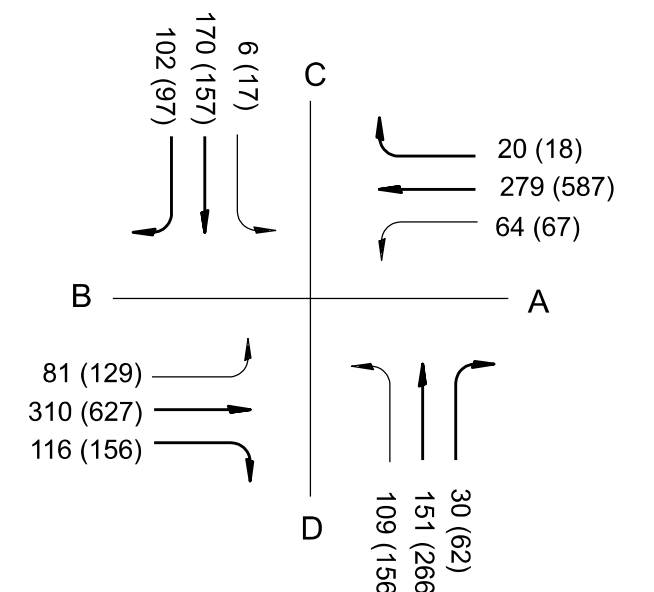
SEC. NO. 22-00168-00-EG PROJ. NO. _____
 SCALE 50:1 COUNTY KENDALL
 SJN: _____ REV. NO. _____

DESIGNED BY HUTCHISON ENGINEERING, INC. DATE 10/26/2023
 SATISFACTORY *Nicholas Spence* 4/15/2024
 DISTRICT GEOMETRICS ENGINEER DATE
 SATISFACTORY *Michael A. Sant* 04-15-2024
 DISTRICT PROGRAM DEVELOPMENT ENGINEER DATE
 SATISFACTORY *Jim R. P.* 4/15/2024
 DISTRICT OPERATIONS ENGINEER DATE
 APPROVED *Julia Thompson* 4/15/2024
 REGIONAL ENGINEER DATE

CADD FILE NAME: [] I.D.S. SHEET 1 OF 4

TRAFFIC DATA

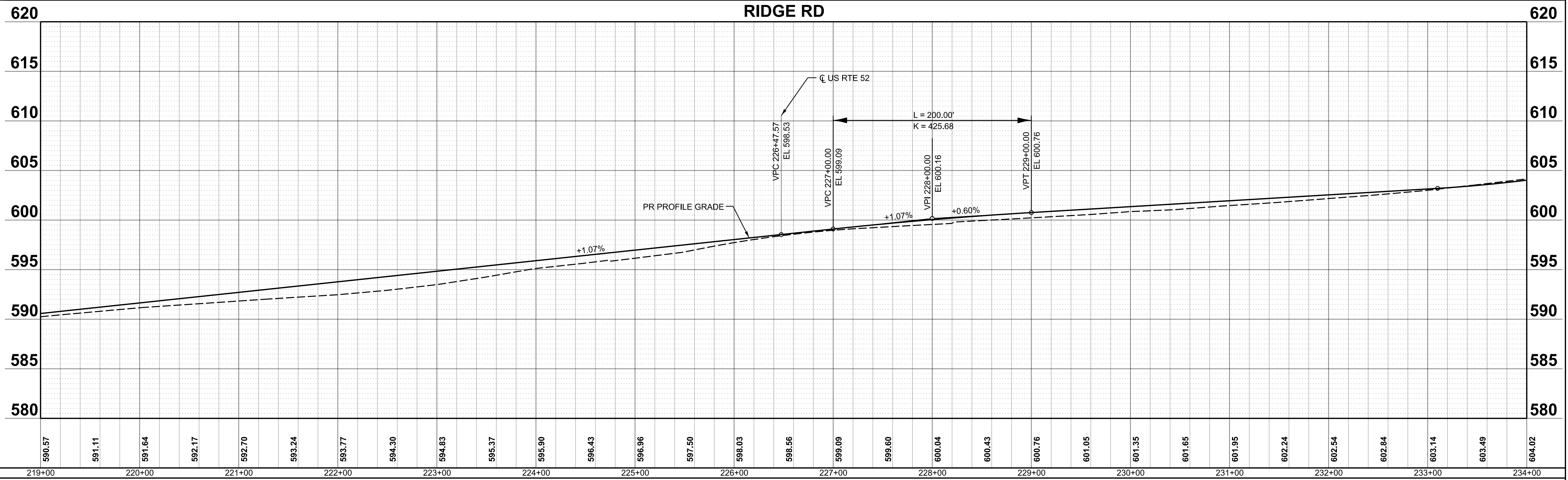
MOVEMENT	YEAR 2022 30TH MAXIMUM HOUR TRAFFIC		PERCENT TRUCK TRAFFIC IN 30TH MAX. HOUR		ESTIMATED PERCENT INCREASE BY 2042	YEAR 2042 30TH MAXIMUM HOUR TRAFFIC		ESTIMATED PERCENT INCREASE BY 2042	YEAR 2042 30TH MAXIMUM HOUR TRAFFIC	
	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.		A.M.	P.M.
AD (L)	41	42	24	10	24.3%	51	53	56.1%	64	67
AB (T)	177	372	7	6	24.3%	222	467	56.1%	279	587
AC (R)	13	12	8	9	24.3%	16	15	56.1%	20	18
BC (L)	51	81	19	18	24.3%	64	103	56.1%	81	129
BA (T)	196	398	7	2	24.3%	247	499	56.1%	310	627
BD (R)	74	99	16	4	24.3%	92	124	56.1%	116	156
CA (L)	4	12	0	9	19.2%	5	14	41.7%	6	17
CD (T)	120	110	5	11	19.2%	143	131	41.7%	170	157
CB (R)	71	68	15	26	19.2%	85	81	41.7%	102	97
DB (L)	73	104	3	6	21.9%	89	127	49.3%	109	156
DC (T)	100	177	11	16	21.9%	123	217	49.3%	151	266
DA (R)	20	41	16	0	21.9%	25	51	49.3%	30	62
TOTAL A	451	877				566	1099		710	1378
TOTAL B	642	1122				800	1401		997	1751
TOTAL C	360	460				436	561		529	683
TOTAL D	20	41				523	704		640	864



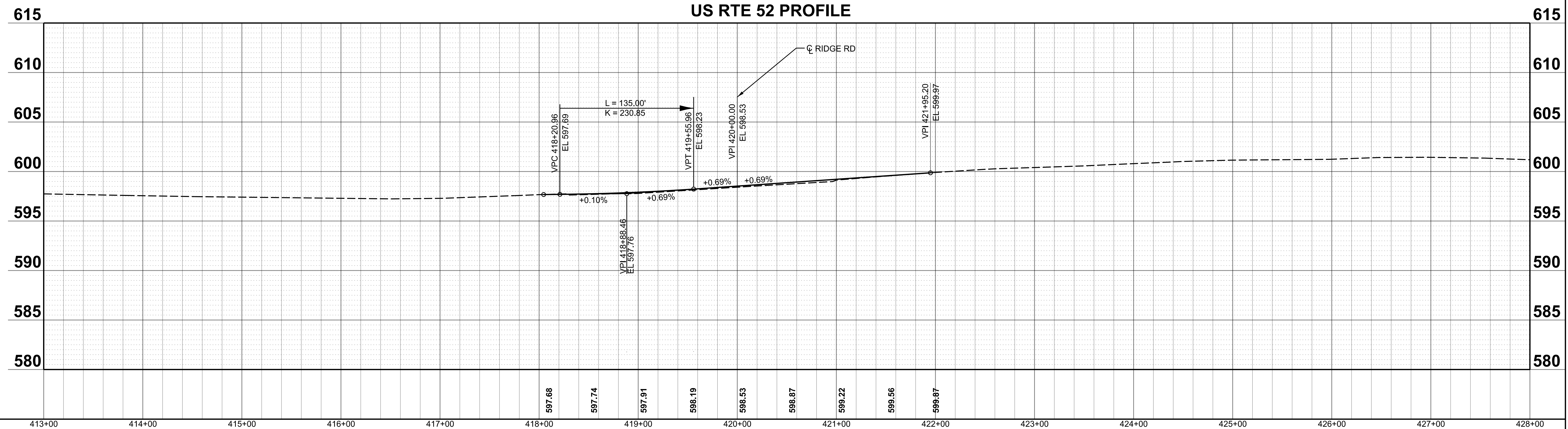
T = THROUGH, L = LEFT, R = RIGHT

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 FILE NAME = \$FILES\$
 PLOT SCALE = \$SCALES\$
 USER NAME = \$USERS\$

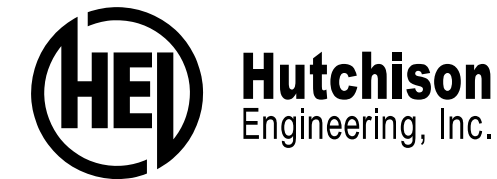
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



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



MODEL: \$MODELNAME\$
FILE NAME: \$FILES\$



USER NAME = \$USERS\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = \$DATES\$	DATE -	REVISED -

**KENDALL COUNTY
HIGHWAY DEPARTMENT**

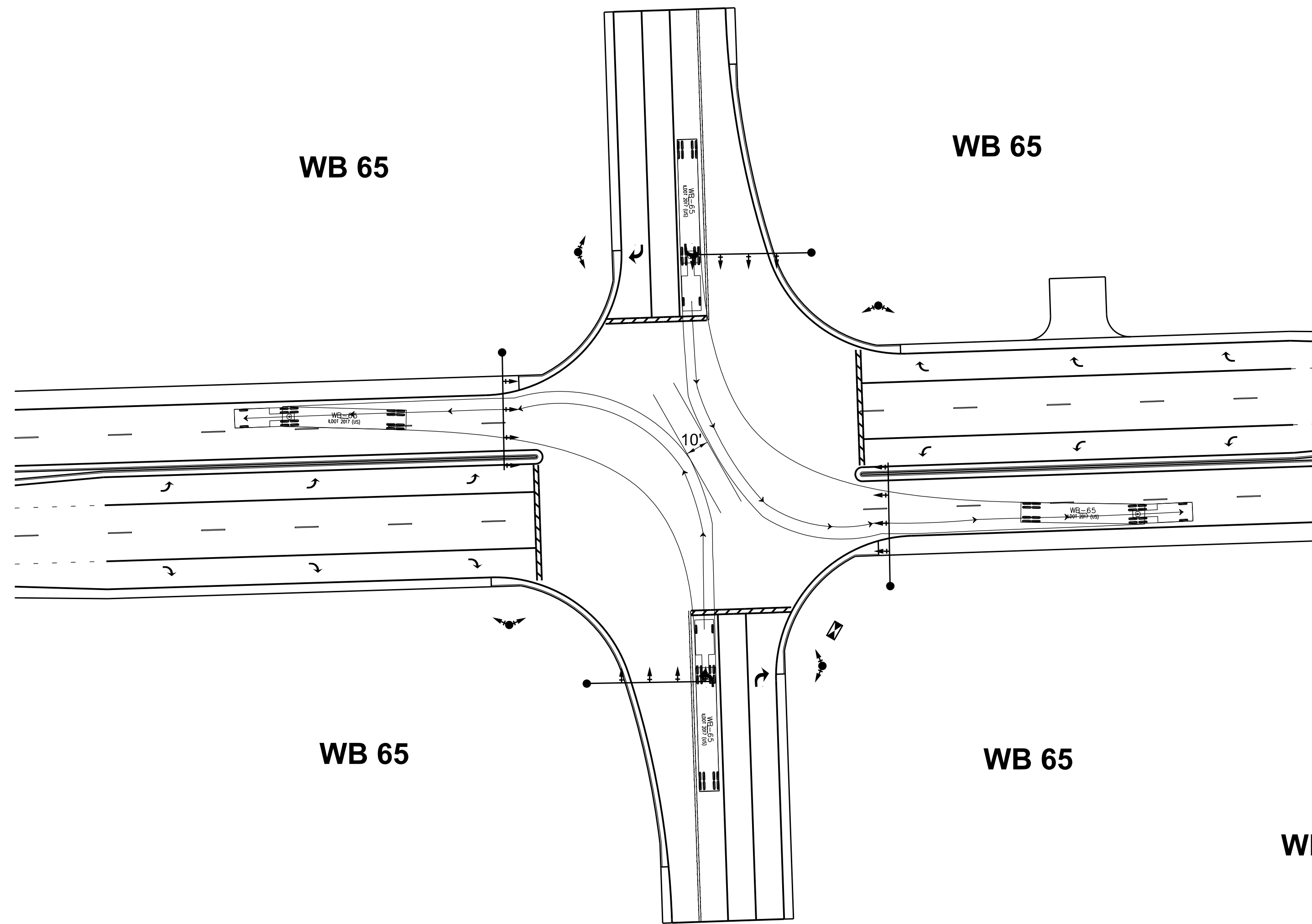
**CH 11 (RIDGE RD) & US 52
PROFILE**

SCALE: H=50 V=5 SHEET OF SHEETS STA. 219+00.00 TO STA. 234+00.00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH11	22-00168-00-EG	KENDALL	4	2
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PLOT DATE =
FILE NAME =
PLOT SCALE =
USER NAME =

SDATES =
SFILES =
SSCALES =
SUBBERS =



WB 65

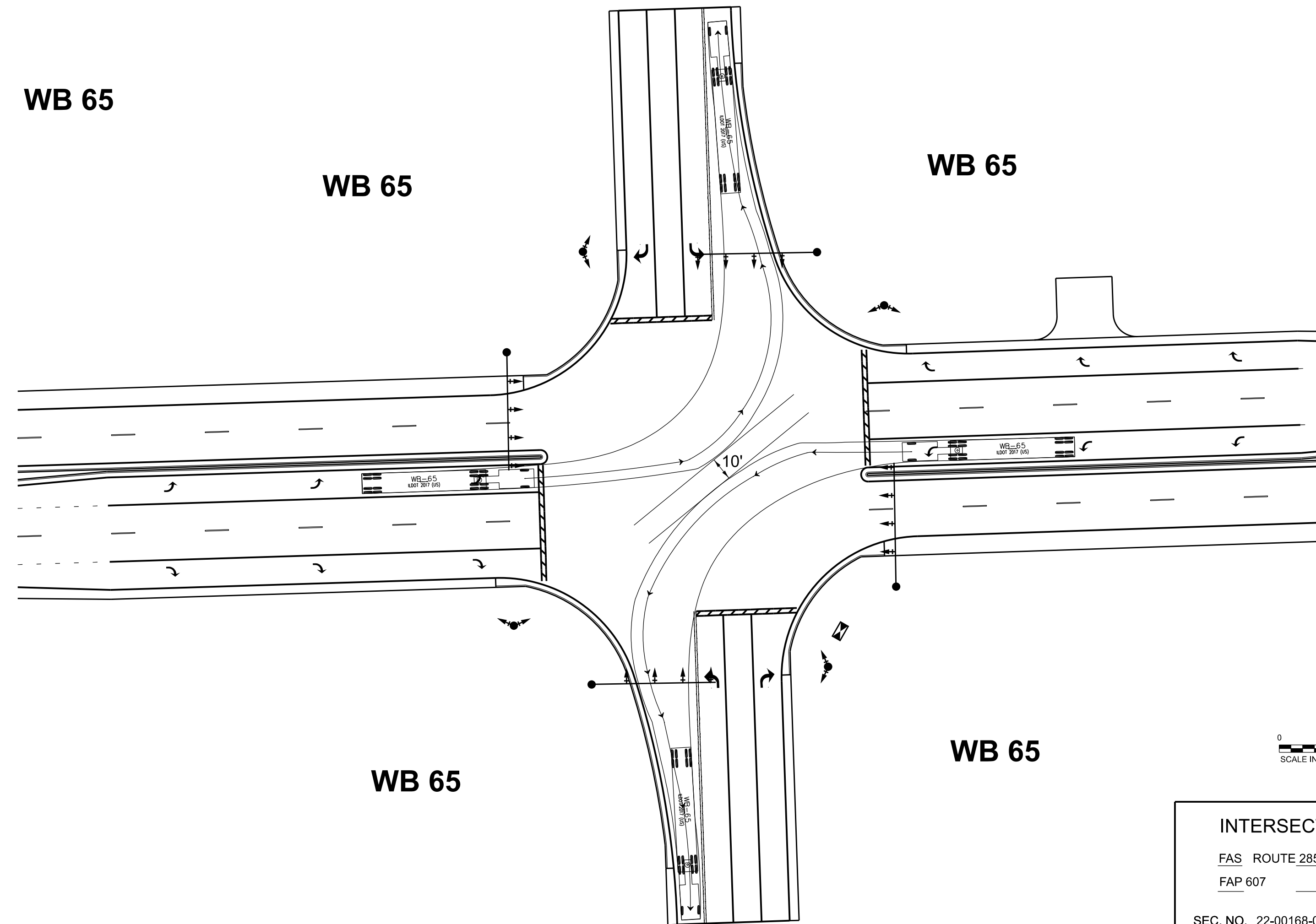
WB 65

WB 65

WB 65

LEFT TURN MOVEMENTS

LEFT TURN MOVEMENTS

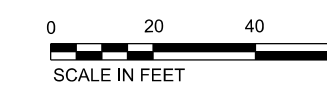


WB 65

WB 65

WB 65

WB 65



INTERSECTION DESIGN STUDY

FAS ROUTE 285 (CH 11(RIDGE RD))
FAP 607 WITH (US ROUTE 52)

SEC. NO. 22-00168-00-EG

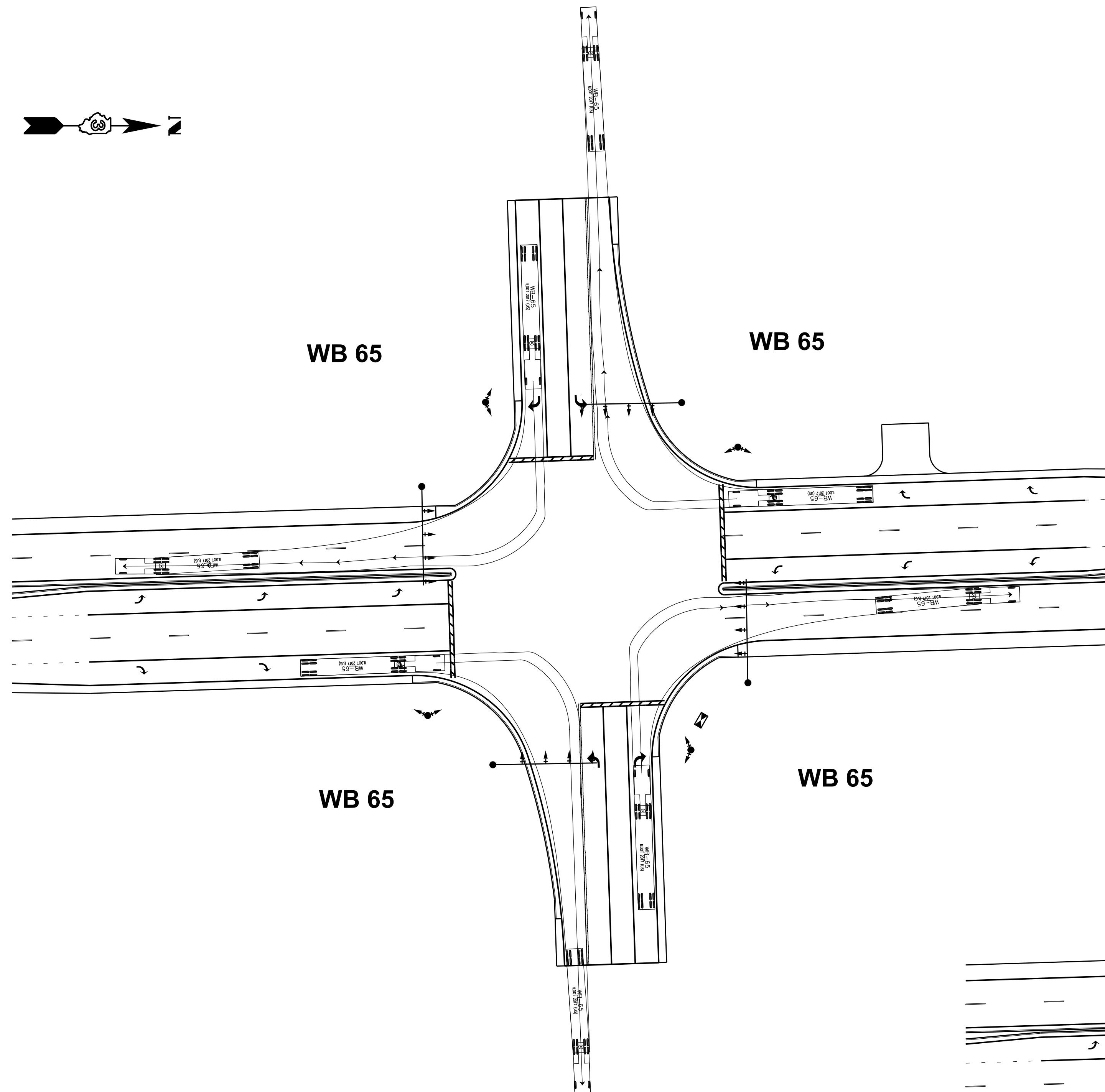
SCALE 40:1 COUNTY KENDALL

SJN : PROJ. NO.

I.D.S. SHEET 3 OF 4

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FILE NAME =
PLOT SCALE =
USER NAME =

SDWES =
SFILES =
SSCALES =
SUBERS =



WB 65

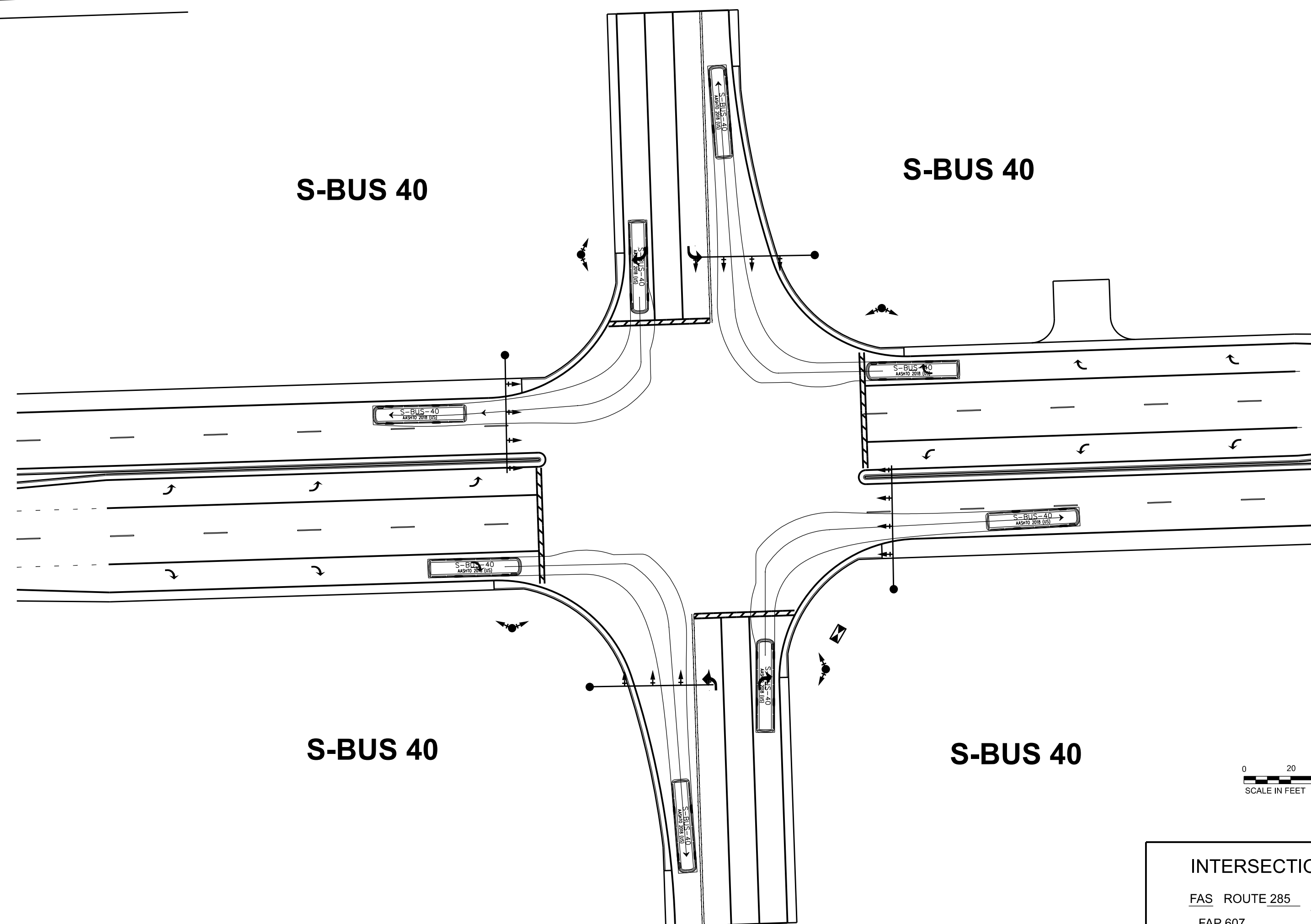
WB 65

WB 65

WB 65

RIGHT TURN MOVEMENTS

RIGHT TURN MOVEMENTS



S-BUS 40

S-BUS 40

S-BUS 40

S-BUS 40

0 20 40 60
SCALE IN FEET

INTERSECTION DESIGN STUDY

FAS ROUTE 285 (CH 11 (RIDGE RD))
FAP 607 WITH (US ROUTE 52)

SEC. NO. 22-00168-00-EG

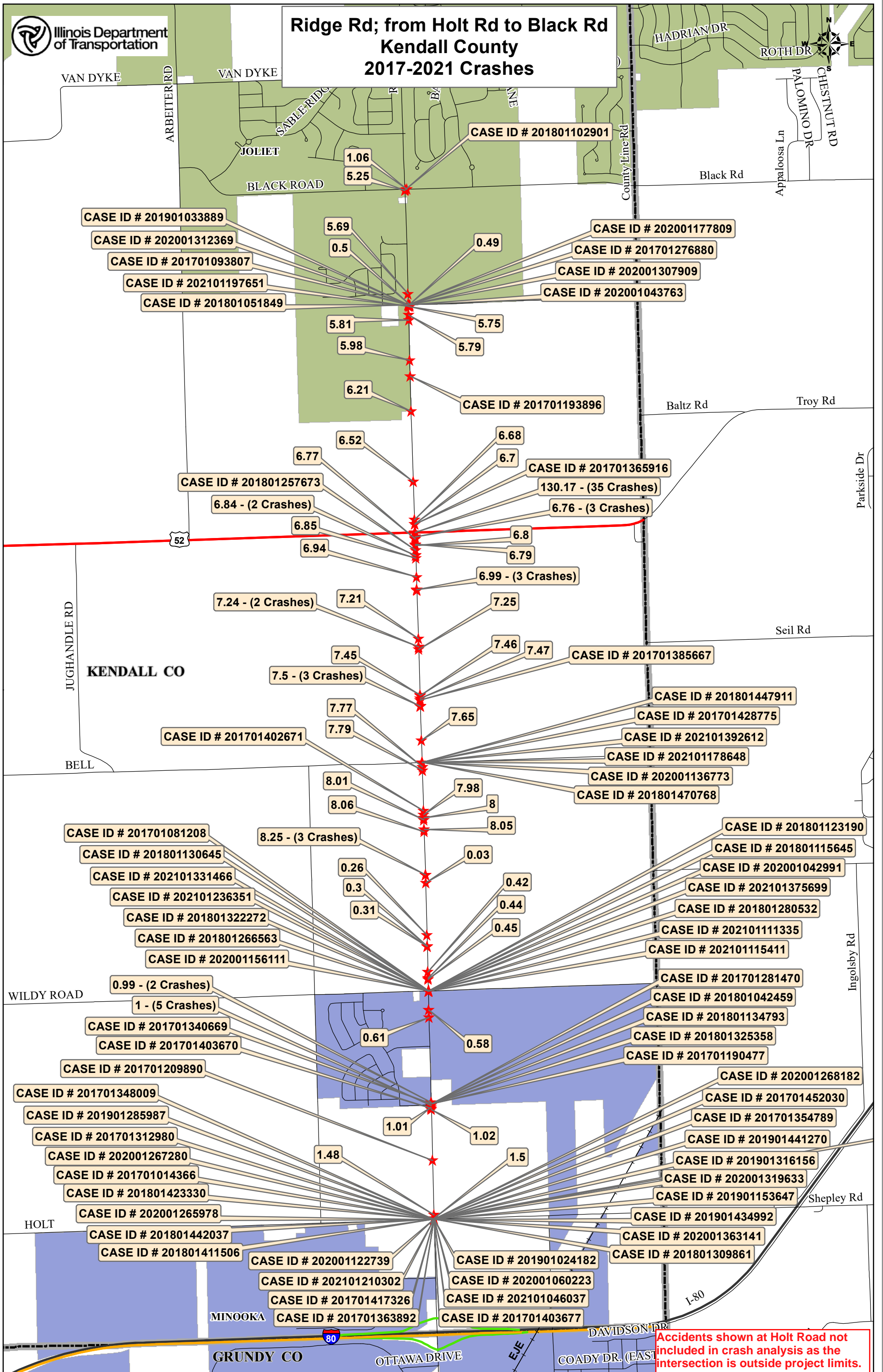
SCALE 40:1 COUNTY KENDALL

SJN: PROJ. NO.

I.D.S. SHEET 4 OF 4

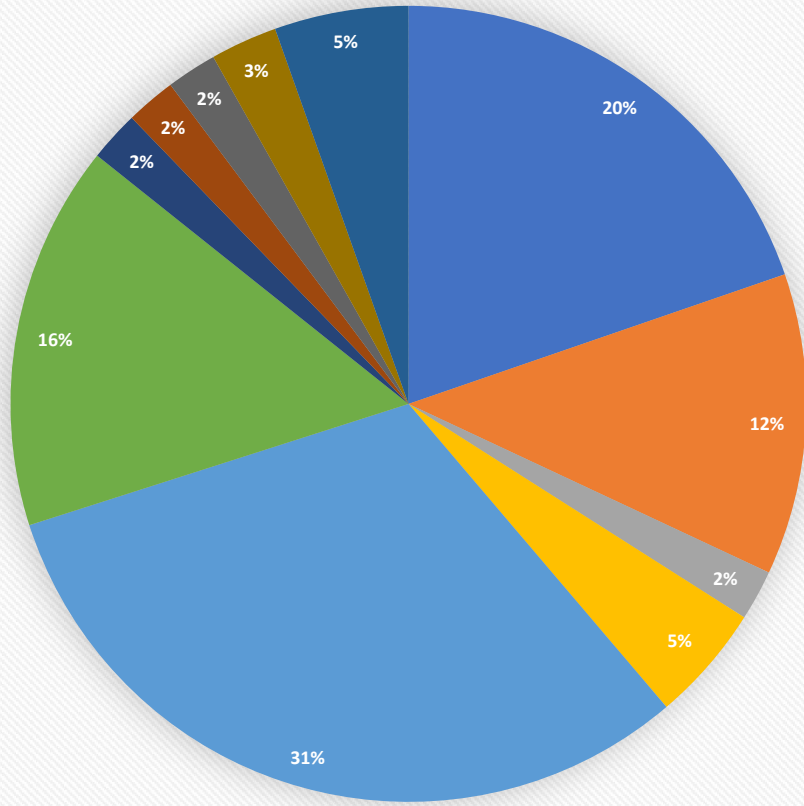
SPOT MAP AND COLLISION DIAGRAM

Ridge Rd; from Holt Rd to Black Rd Kendall County 2017-2021 Crashes



Accidents shown at Holt Road not included in crash analysis as the intersection is outside project limits.

2017-2021 Accidents by Type

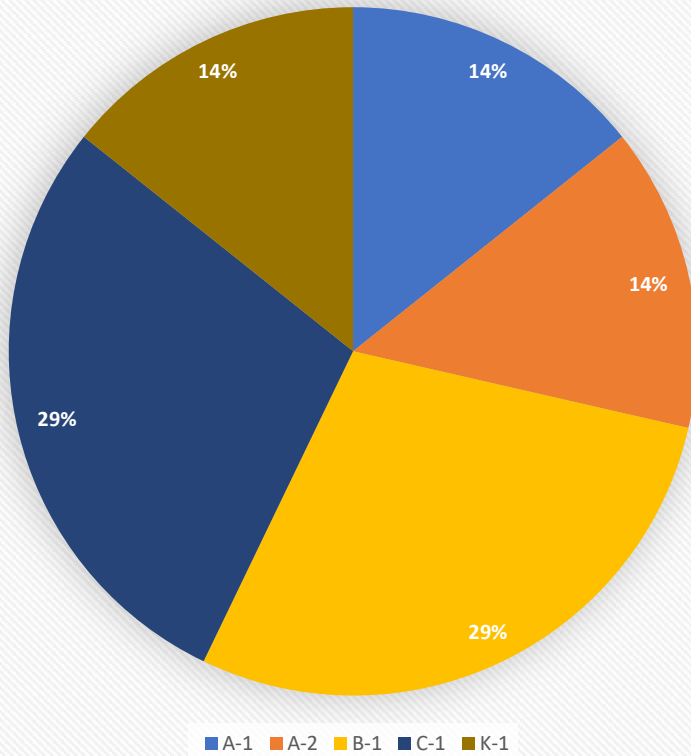


■ Fixed Object ■ Angle ■ Non-Collision ■ Animal ■ Rearend ■ Turning ■ Head On ■ Overturned ■ Other Object ■ Parked ■ Sideswipe

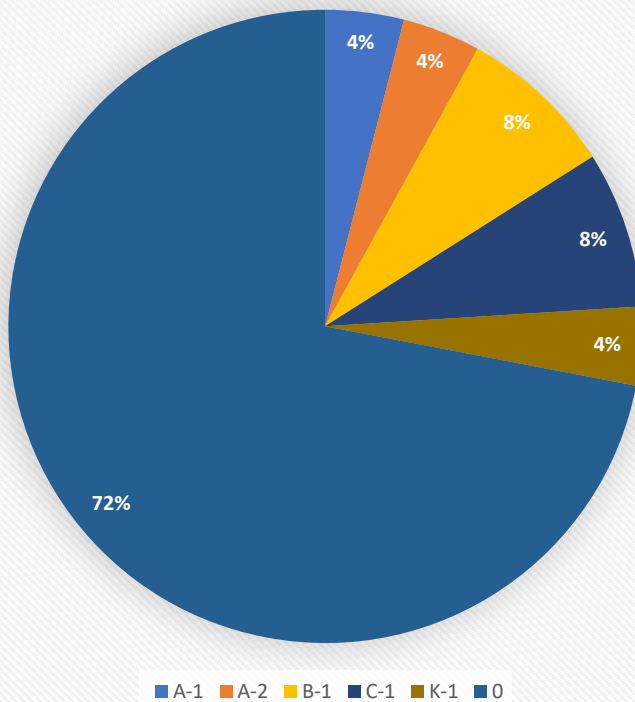
2017 Crashes on Ridge Road between Holt Road and Black Road

#	ICN	Date	Time	Location	Type	Maneuver Codes	Injuries
1	201701365916	1/11/2017	4:22:00 PM	Ridge Rd, 100' N of US-52	Fixed Object	Straight Ahead, Slow/Stop in Traffic	0
2	201701379221	2/22/2017	6:05:00 PM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	0
3	201701402671	4/2/2017	2:01:00 AM	Ridge Rd, 0.3mi S of Bell	Fixed Object	Skidding/Control Loss	C-1
4	201701081208	4/6/2017	7:25:00 AM	Wildy Rd & Ridge Rd	Non-Collision	Straight Ahead	0
5	201701403670	4/10/2017	6:29:00 AM	Ridge Rd, 1/2 mi N of Holt	Animal	Straight Ahead	0
6	201701093807	4/21/2017	11:07:00 AM	Jones Rd & Ridge Rd	Rearend	Straight Ahead, Straight Ahead	0
7	201701129535	5/11/2017	4:04:00 PM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	0
8	201701418210	5/12/2017	9:00:00 PM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	0
9	201701428775	6/5/2017	4:25:00 PM	Ridge Rd & Bell Rd	Turning	Turning Right, Avoiding Vehicle/Objects	0
10	201701433766	6/16/2017	4:45:00 PM	Ridge Rd, 0.1mi N of Bell	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
11	201701385667	6/21/2017	8:25:00 AM	Ridge Rd, 0.2mi N of Bell	Rearend	Straight Ahead, Straight Ahead	A-2/B-1
12	201701437761	6/27/2017	10:18:00 AM	Ridge Rd & US-52	Turning	Straight Ahead, Turning Left	0
13	201701209890	6/30/2017	12:10:00 AM	Ridge Rd 0.1mi S of Khater	Head On	Passing/Overtaking, Straight Ahead	K-1/A-1
14	201701439306	7/1/2017	2:18:00 PM	US-52, 0.1mi E of Ridge Rd	Rearend	Straight Ahead, Straight Ahead	0
15	201701193896	7/25/2017	6:40:00 AM	Ridge Rd near Black Rd	Fixed Object	Straight Ahead	B-1
16	201701190477	7/30/2017	9:12:00 AM	Ridge Rd, 75' south of Fair Ln	Fixed Object	Straight Ahead	0
17	201701452039	8/10/2017	3:30:00 PM	Ridge Rd, 0.1mi S of US-52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
18	201701460454	9/9/2017	12:18:00 AM	Ridge Rd, 1/4mi N of Bell	Rearend	Straight Ahead, Slow/Stop in Traffic	0
19	201701468897	10/11/2017	1:15:00 PM	Ridge Rd & US-52	Turning	Straight Ahead, Turning Left	0
20	201701276880	10/21/2017	3:03:00 PM	Ridge Rd & Jones Rd	Fixed Object	Avoiding Vehicle/Objects	C-1
21	201701281470	10/25/2017	10:20:00 PM	Ridge Rd, 50' south of Khater	Animal	Straight Ahead	0
22	201701333439	12/11/2017	10:07:00 PM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	0
23	201701340669	12/18/2017	10:00:00 PM	Ridge Rd & Khater	Fixed Object	Skidding/Control Loss	0

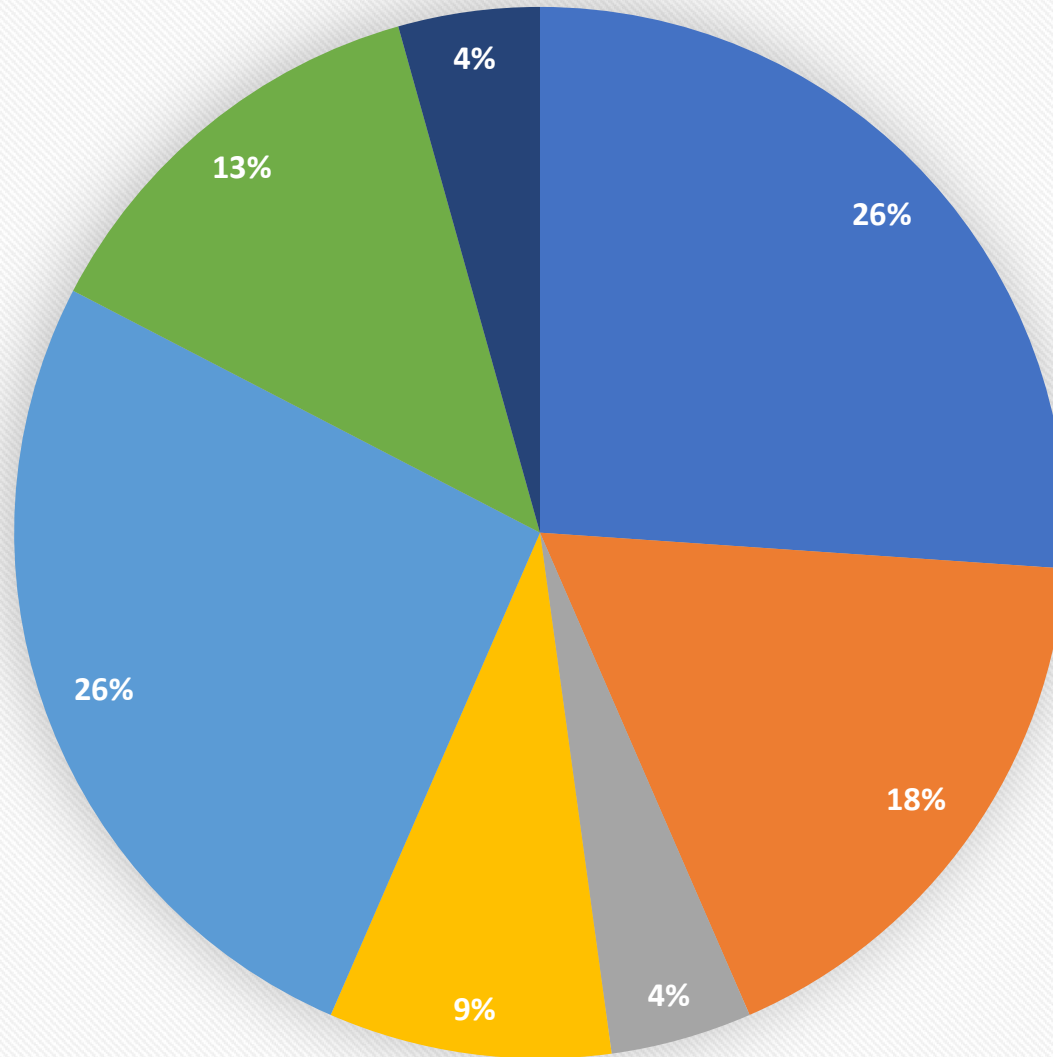
2017 Crashes by Injury



2017 Crashes by Injury (including non-injuries)



2017 Crashes by Type

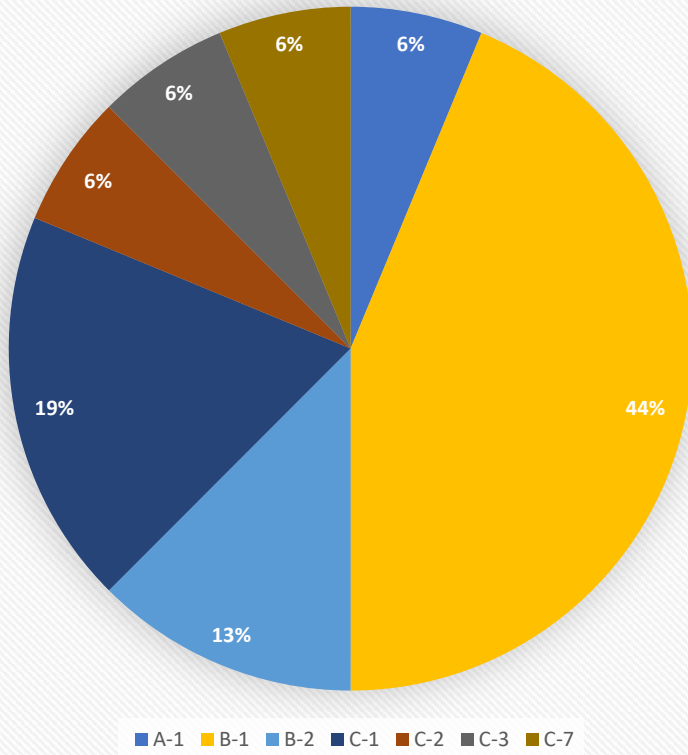


■ Fixed Object ■ Angle ■ Non-Collision ■ Animal ■ Rearend ■ Turning ■ Head On

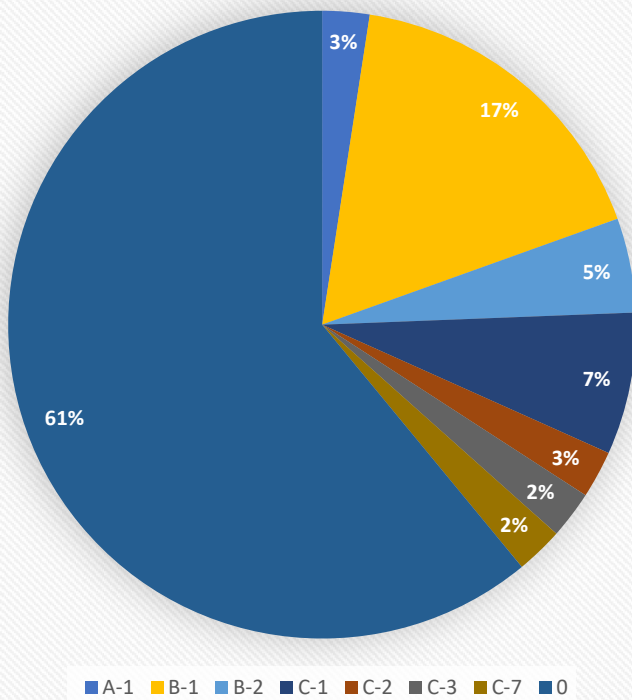
2018 Crashes on Ridge Road between Holt Road and Black Road

#	ICN	Date	Time	Location	Type	Maneuver Code	Injuries
1	201801410333	1/7/2018	1:32:00 PM	Ridge Rd & US-52	Angle	Skidding/Control Loss, Starting in Traffic	0
2	201801412942	1/16/2018	2:00:00 PM	Ridge Rd & US-52	Rearend	Slow/Stop - Left Turn, Slow/Stop - Left Turn	0
3	201801414588	1/22/2018	6:00:00 PM	Ridge Rd, 1/4mi N of US-52	Head On	Straight Ahead, Straight Ahead	0
4	201801042459	2/4/2018	9:47:00 AM	Ridge Rd & Fair Lane	Fixed Object	Turning Right	0
5	201801051849	2/8/2018	10:09:00 AM	Ridge Rd & Jones Rd	Fixed Object	Avoiding Vehicle/Objects	0
6	201801057360	2/15/2018	10:49:00 AM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	B-1
7	201801421362	2/15/2018	7:35:00 AM	Ridge Rd & US-52	Angle	Avoiding Vehicle/Objects, Slow/Stop in Traffic	C-7
8	201801427531	3/16/2018	4:59:00 PM	Ridge Rd, 1/2mi S of US-52	Rearend	Straight Ahead, Slow/Stop in Traffic	B-2
9	201801429816	3/27/2018	3:30:00 PM	Ridge Rd, 0.2mi N of Wildy	Fixed Object	Straight Ahead	0
10	201801102901	3/30/2018	5:00:00 AM	Ridge Rd, 300' S of Black Rd	Non-Collision	Straight Ahead	0
11	201801102358	4/3/2018	5:34:00 PM	Ridge Rd & US-52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	C-1
12	201801434079	4/15/2018	1:00:00 AM	Ridge Rd, 0.3mi N of Bell	Fixed Object	Skidding/Control Loss	0
13	201801115645	4/17/2018	7:18:00 AM	Ridge Rd & Wildy Rd	Turning	Turning Left, Straight Ahead	0
14	201801123190	4/24/2018	3:39:00 PM	Ridge Rd & Wildy Rd	Turning	Turning Left, Straight Ahead	B-1
15	201801167199	4/24/2018	9:50:00 AM	Ridge Rd & US-52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
16	201801128283	4/27/2018	7:21:00 AM	Ridge Rd & US-52	Turning	Turning Left, Straight Ahead	0
17	201801130645	5/1/2018	8:14:00 PM	Ridge Rd & Wildy Rd	Rearend	Straight Ahead, Slow/Stop - Left Turn	B-1/C-1
18	201801134793	5/6/2018	4:31:00 AM	Ridge Rd, 1/4mi S of Khater	Fixed Object	Avoiding Vehicle/Objects	B-1
19	201801443080	5/24/2018	6:10:00 PM	Ridge Rd, 300' N of Wildy	Non-Collision	Straight Ahead, Straight Ahead	0
20	201801444926	6/1/2018	11:25:00 AM	Ridge Rd, 1/2mi N of Bell	Fixed Object	Other	B-1
21	201801447911	6/14/2018	10:00:00 PM	Ridge Rd & Bell	Turning	U-Turn, Straight Ahead	0
22	201801451398	6/30/2018	4:59:00 PM	Ridge Rd, 0.2mi N of Wildy	Fixed Object	Turning Left	C-2
23	201801257673	8/22/2018	5:21:00 PM	Ridge Rd, 400' S of US-52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
24	201801266563	8/31/2018	4:36:00 PM	Ridge Rd & Wildy Rd	Rearend	Straight Ahead, Straight Ahead	C-3
25	201801280532	9/13/2018	4:21:00 PM	Ridge Rd & Wildy Rd	Rearend	Straight Ahead, Slow/Stop - Right Turn	A-1/B-2
26	201801470768	9/16/2018	4:07:00 AM	Ridge Rd & Bell	Fixed Object	Straight Ahead	0
27	201801470896	9/17/2018	9:37:00 PM	Ridge Rd, 1/2mi S of Bell	Animal	Avoiding Vehicle/Objects	C-1
28	201801472158	9/25/2018	8:39:00 AM	Ridge Rd, 500' S of US-52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
29	201801341004	10/5/2018	11:00:00 AM	Ridge Rd & US-52	Head On	Straight Ahead, Straight Ahead	0
30	201801474890	10/8/2018	6:30:00 AM	Ridge Rd & US-52	Rearend	Skidding/Control Loss, Slow/Stop in Traffic	0
31	201801476145	10/13/2018	1:52:00 AM	Ridge Rd & US-52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
32	201801477033	10/17/2018	8:00:00 AM	Ridge Rd, 150' south of US-52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
33	201801322272	10/20/2018	10:06:00 AM	Ridge Rd & Wildy Rd	Rearend	Straight Ahead, Slow/Stop in Traffic	B-1
34	201801325358	10/22/2018	8:00:00 PM	Ridge Rd & Khater	Parked Motor Vehicle	Straight Ahead, Parked	0
35	201801346519	11/9/2018	6:58:00 PM	Ridge Rd, 1/4mi S of Fair Ln	Other Object	Straight Ahead, Straight Ahead	0
36	201801494198	12/19/2018	3:20:00 AM	Ridge Rd, 0.1mi N of Wildy	Fixed Object	Straight Ahead	0
37	201801398396	12/24/2018	4:59:00 PM	Ridge Rd, 250' S of Black Rd	Overtaken	Passing/Overtaking	B-1
38	201801401515	12/26/2018	6:17:00 AM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	0
39	201801106669	4/7/2018	11:00:00 PM	Ridge Rd & US-52	Parked Motor Vehicle	Straight Ahead, Parked	0

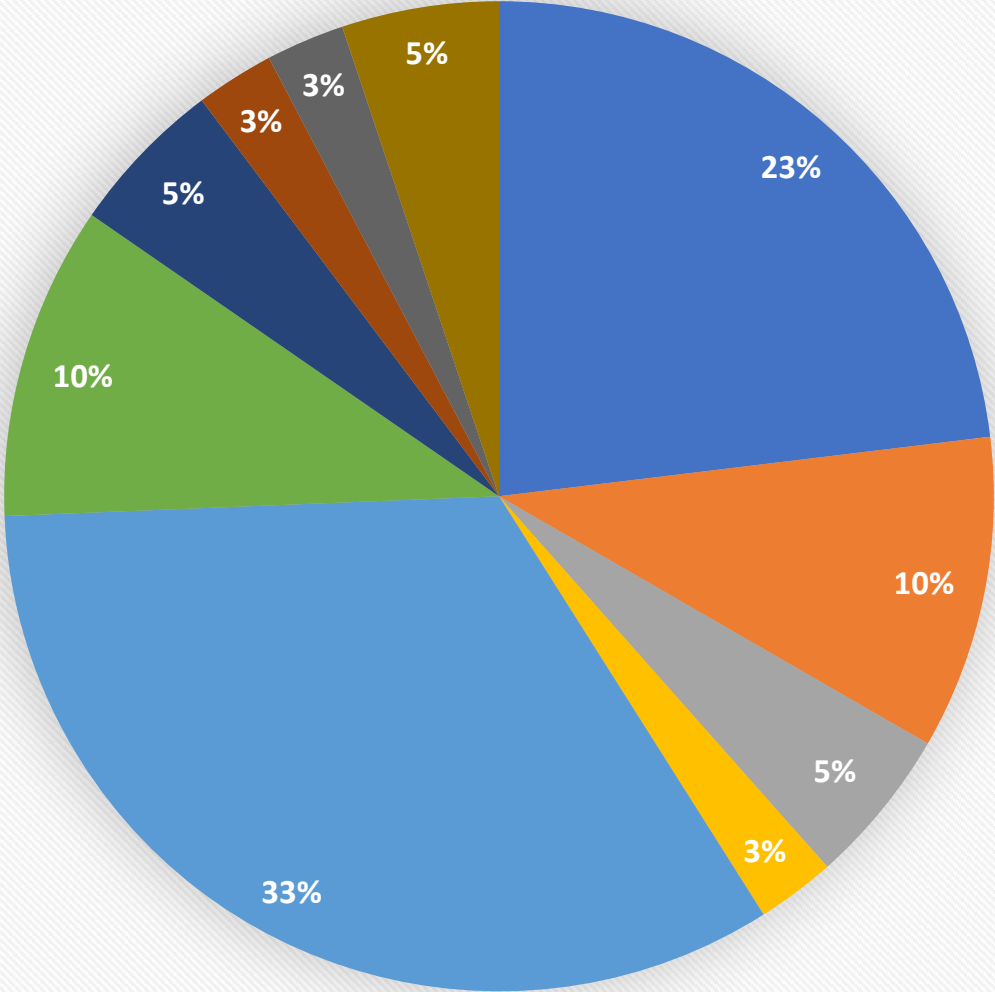
2018 Crashes by Injury



2018 Crashes by Injury (including non-injuries)



2018 Crashes by Type

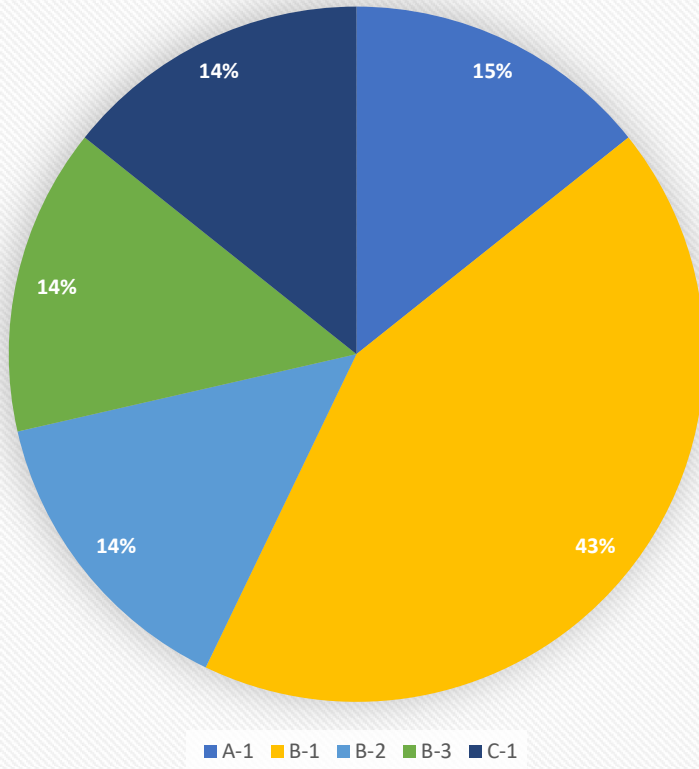


- Fixed Object
- Angle
- Non-Collision
- Animal
- Rearend
- Turning
- Head On
- Overturned
- Other Object
- Parked

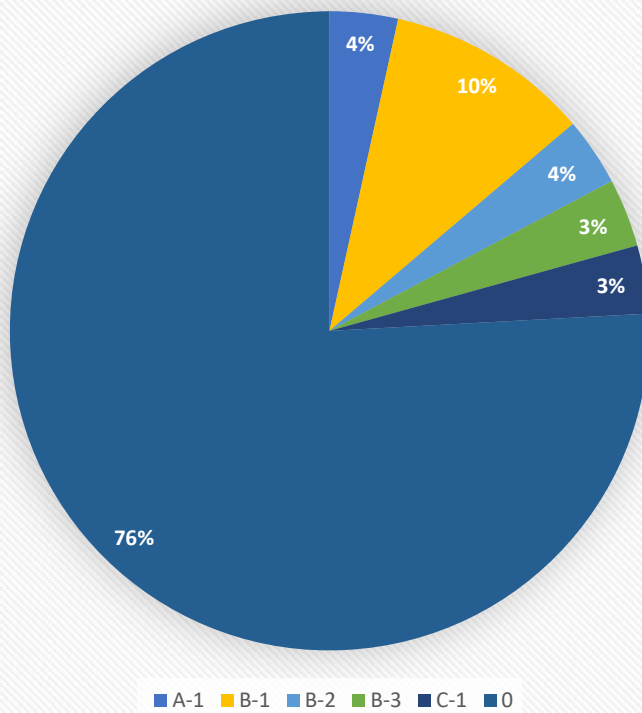
2019 Crashes on Ridge Road between Holt Road and Black Road

#	ICN	Date	Time	Location	Type	Maneuver Code	Injuries
1	201901157177	1/16/2019	1:55:00 PM	Ridge Rd, 0.3mi S of Bell	Fixed Object	Skidding/Control Loss	0
2	201901173074	1/22/2019	1:23:00 AM	Ridge Rd, 0.3mi N of Bell	Fixed Object	Skidding/Control Loss	0
3	201901033889	1/26/2019	10:46:00 PM	Ridge Rd & Jones Rd	Turning	Turning Left, Straight Ahead	0
4	201901184171	2/1/2019	5:51:00 AM	Ridge Rd & US-52	Angle	Skidding/Control Loss, Starting in Traffic	0
5	201901190959	2/10/2019	5:30:00 PM	Ridge Rd, 0.3mi S of Bell	Fixed Object	Skidding/Control Loss	0
6	201901190961	2/10/2019	7:32:00 PM	Ridge Rd, 0.2mi S of Bell	Fixed Object	Skidding/Control Loss	0
7	201901193503	2/13/2019	5:44:00 PM	Ridge Rd, 1/4mi S of US-52	Sideswipe	Avoiding Vehicle/Objects, Straight Ahead	0
8	201901233136	3/17/2019	6:05:00 PM	Ridge Rd, 0.4mi S of Bell	Sideswipe	Straight Ahead, Straight Ahead	0
9	201901234674	3/19/2019	7:05:00 AM	Ridge Rd, 1/4mi S of Bell	Fixed Object	Passing/Overtaking	0
10	201901243356	3/27/2019	4:05:00 PM	Ridge Rd & US-52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
11	201901252819	4/4/2019	2:10:00 PM	Ridge Rd & US-52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
12	201901135486	4/30/2019	4:03:00 PM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	0
13	201901239701	5/29/2019	3:23:00 PM	Ridge Rd, 1/4mi S of US-52	Animal	Straight Ahead	0
14	201901307909	6/27/2019	10:08:00 PM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	B-3
15	201901214809	7/1/2019	7:19:00 PM	Ridge Rd & Khater	Sideswipe	Straight Ahead, Straight Ahead	0
16	201901311032	7/7/2019	5:01:00 PM	Ridge Rd & US-52	Rearend	Straight Ahead, Starting in Traffic	C-1
17	201901231159	7/14/2019	4:43:00 PM	Ridge Rd, 50' N of Khater	Fixed Object	Avoiding Vehicle/Objects	0
18	201901271786	7/16/2019	10:35:00 PM	Ridge Rd, 1/2mi S of US-52	Animal	Straight Ahead	0
19	201901330757	8/1/2019	7:50:00 AM	Ridge Rd, 200' N of US-52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
20	201901357177	9/13/2019	5:00:00 PM	Unknown	Turning	Turning Right, Straight Ahead	B-1
21	201901460796	10/1/2019	7:32:00 AM	Ridge Rd, 1/2mi N of Bell	Fixed Object	Turning Right	B-1
22	201901472032	10/3/2019	2:10:00 PM	Ridge Rd 1/4mi N of Wildy	Fixed Object	Skidding/Control Loss	0
23	201901472037	10/3/2019	5:10:00 PM	Ridge Rd & US-52	Turning	Straight Ahead, Turning Left	0
24	201901477443	10/30/2019	5:06:00 AM	Ridge Rd, 1/2mi S of Jones	Angle	Avoiding Vehicle/Objects, Straight Ahead	B-2
25	201901410327	11/14/2019	5:53:00 PM	Ridge Rd, 300' N of Jones	Rearend	Straight Ahead, Slow/Stop in Traffic	A-1/B-1
26	201901482674	11/22/2019	6:38:00 AM	Ridge Rd, 300' S of US-52	Rearend	Straight Ahead, Straight Ahead	0
27	201901196258	2/17/2019	4:00:00 PM	Ridge Rd, 300' S of Khater Dr	Rearend	Skidding/Control Loss, Slow/Stop in Traffic	0
28	201901474345	10/8/2019	6:00:00 AM	Ridge Rd, 300' S of Khater Dr	Sideswipe	Slow/Stop in Traffic, Slow/Stop in Traffic	0

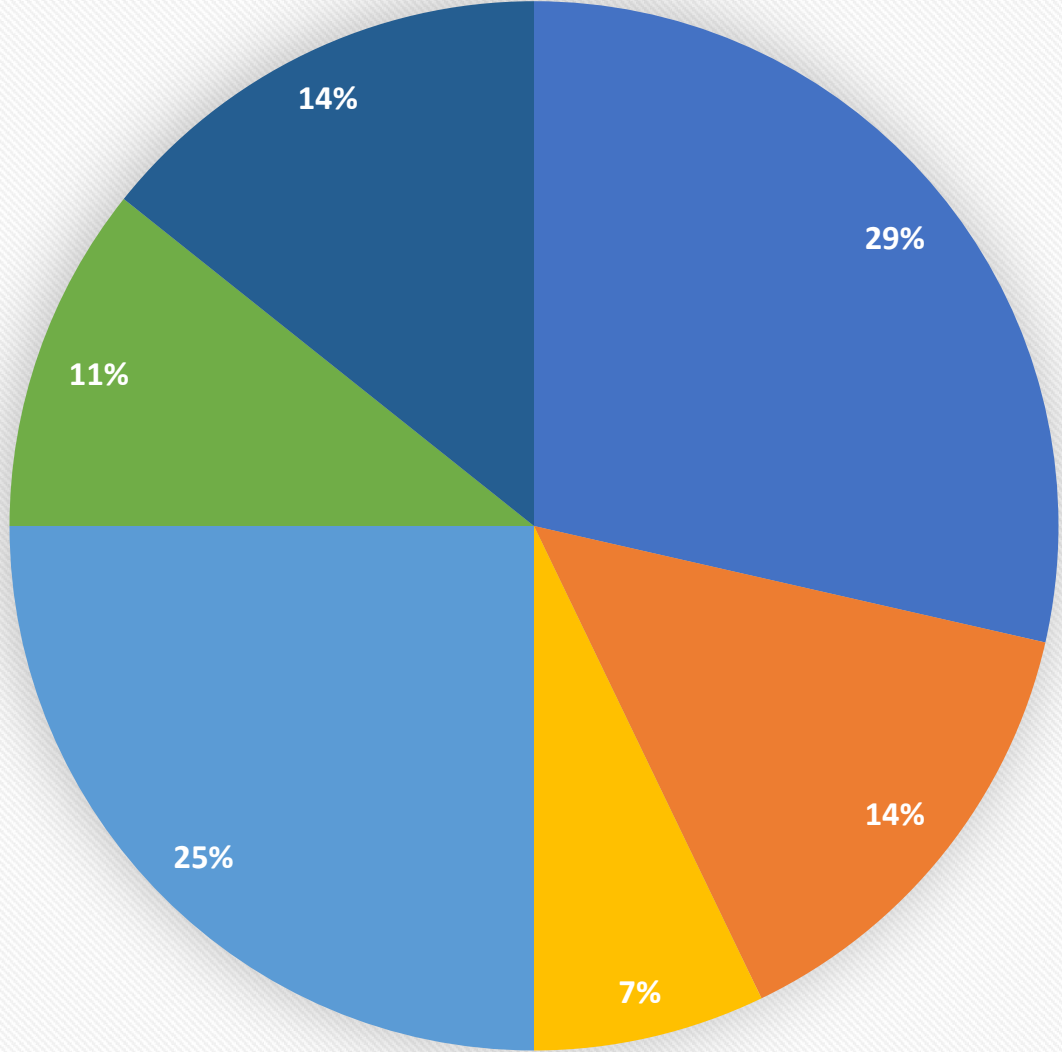
2019 Crashes by Injury Type



2019 Crashes by Injury Type (including non-injuries)



2019 Crashes by Type

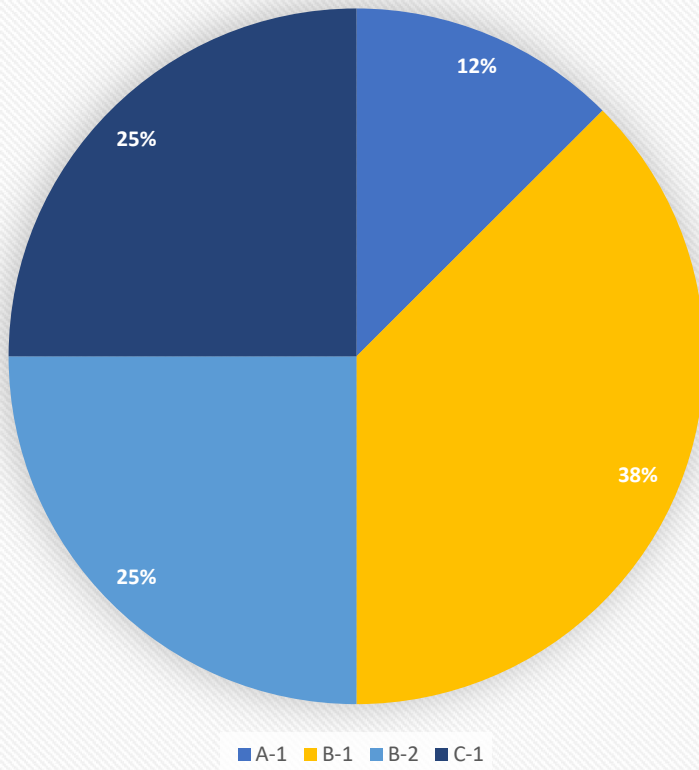


■ Fixed Object ■ Angle ■ Animal ■ Rearend ■ Turning ■ Sideswipe

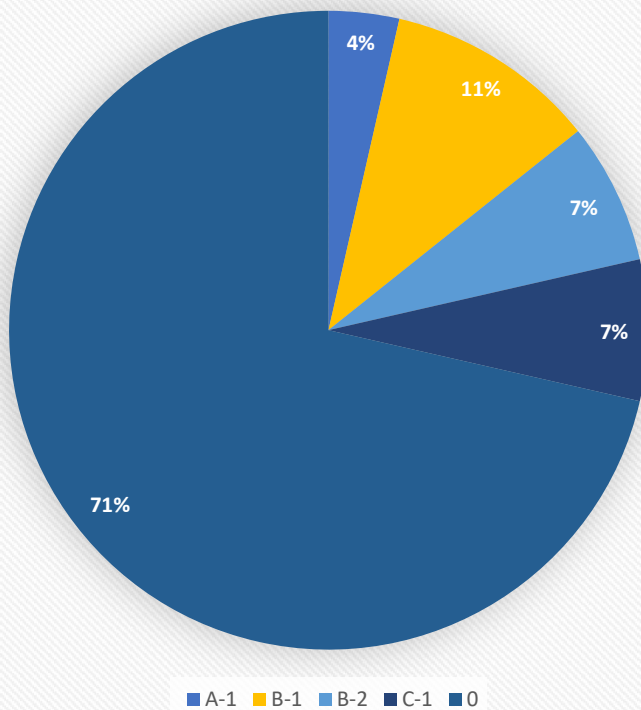
2020 Crashes on Ridge Road between Holt Road and Black Road

#	ICN	Date	Time	Location	Type	Manuever Code	Injuries
1	202001044335	1/20/2020	5:06:00 AM	Ridge Rd, 0.4mi S of Bell	Turning	Turning Left, Straight Ahead	0
2	202001029764	1/23/2020	10:06:00 PM	Ridge Rd & Jones Rd	Fixed Object	Straight Ahead	0
3	202001134747	2/3/2020	1:57:00 PM	Ridge Rd & US-52	Sideswipe	Driving Wrong Way, Slow/Stop in Traffic	0
4	202001042991	2/5/2020	3:42:00 PM	Ridge Rd & Fair Lane	Other Object	Turning Right	0
5	202001136773	2/5/2020	4:29:00 PM	Ridge Rd & Bell	Angle	Skidding/Control Loss, Straight Ahead	0
6	202001043763	2/6/2020	8:46:00 PM	Ridge Rd & Jones Rd	Angle	Straight Ahead, Straight Ahead	B-2
7	202001046218	2/7/2020	6:13:00 PM	Ridge Rd & Khater	Rearend	Straight Ahead, Straight Ahead	C-1
8	202001202810	2/26/2020	5:28:00 AM	Ridge Rd & US-52	Fixed Object	Skidding/Control Loss	0
9	202001129014	4/24/2020	8:35:00 AM	Ridge Rd, 0.3mi S of Bell	Fixed Object	Skidding/Control Loss	0
10	202001183271	6/11/2020	3:04:00 PM	Ridge Rd, 100' S of Khater	Overtuned	Skidding/Control Loss	A-1/B-1
11	202001156111	6/24/2020	4:08:00 PM	Ridge Rd & Wildy	Turning	Turning Right, Slow/Stop in Traffic	0
12	202001177809	7/16/2020	5:40:00 AM	Ridge Rd 30' S of Jones Rd	Sideswipe	Straight Ahead, Passing/Overtaking	0
13	202001332614	7/29/2020	6:28:00 AM	Ridge Rd & US-52	Overtuned	Avoiding Vehicle/Objects	B-1
14	202001344364	8/25/2020	9:13:00 PM	Ridge Rd, 0.3mi S of Bell	Fixed Object	Changing Lanes	0
15	202001219470	8/26/2020	4:12:00 PM	Ridge Rd & Jones Rd	Rearend	Straight Ahead, Slow/Stop in Traffic	0
16	202001354304	9/12/2020	8:53:00 AM	Ridge Rd, 0.3mi N of Bell	Rearend	Straight Ahead, Straight Ahead	0
17	202001355143	9/16/2020	4:00:00 PM	Ridge Rd, 1000' S of Bell	Rearend	Straight Ahead, Slow/Stop in Traffic	0
18	202001360979	10/22/2020	10:14:00 PM	Ridge Rd & US-52	Angle	Straight Ahead, Straight Ahead	B-1
19	202001363016	10/8/2020	8:04:00 PM	Ridge Rd & US-52	Turning	Turning Left, Starting in Traffic	0
20	202001307909	11/17/2020	7:20:00 AM	Ridge Rd & Jones Rd	Sideswipe	Straight Ahead, Slow/Stop in Traffic	0
21	202001366982	11/20/2020	10:15:00 AM	Ridge Rd, 1/2mi S of Bell	Rearend	Straight Ahead, Straight Ahead	0
22	202001312369	11/23/2020	5:15:00 PM	Ridge Rd & Jones Rd	Turning	Turning Right, Straight Ahead	0
23	202001367201	11/25/2020	12:20:00 AM	Ridge Rd & US-52	Rearend	Straight Ahead, Starting in Traffic	B-2/C-1
24	202001367253	11/30/2020	8:50:00 AM	Ridge Rd, 0.3mi S of Bell	Fixed Object	Other	0
25	202001093945	4/2/2020	4:00:00 PM	Ridge Rd & Khater	Parked Motor Vehicle	Unknown, Parked	0
26	202001195324	8/3/2020	8:00:00 PM	Ridge Rd & Khater	Parked Motor Vehicle	Unknown, Parked	0

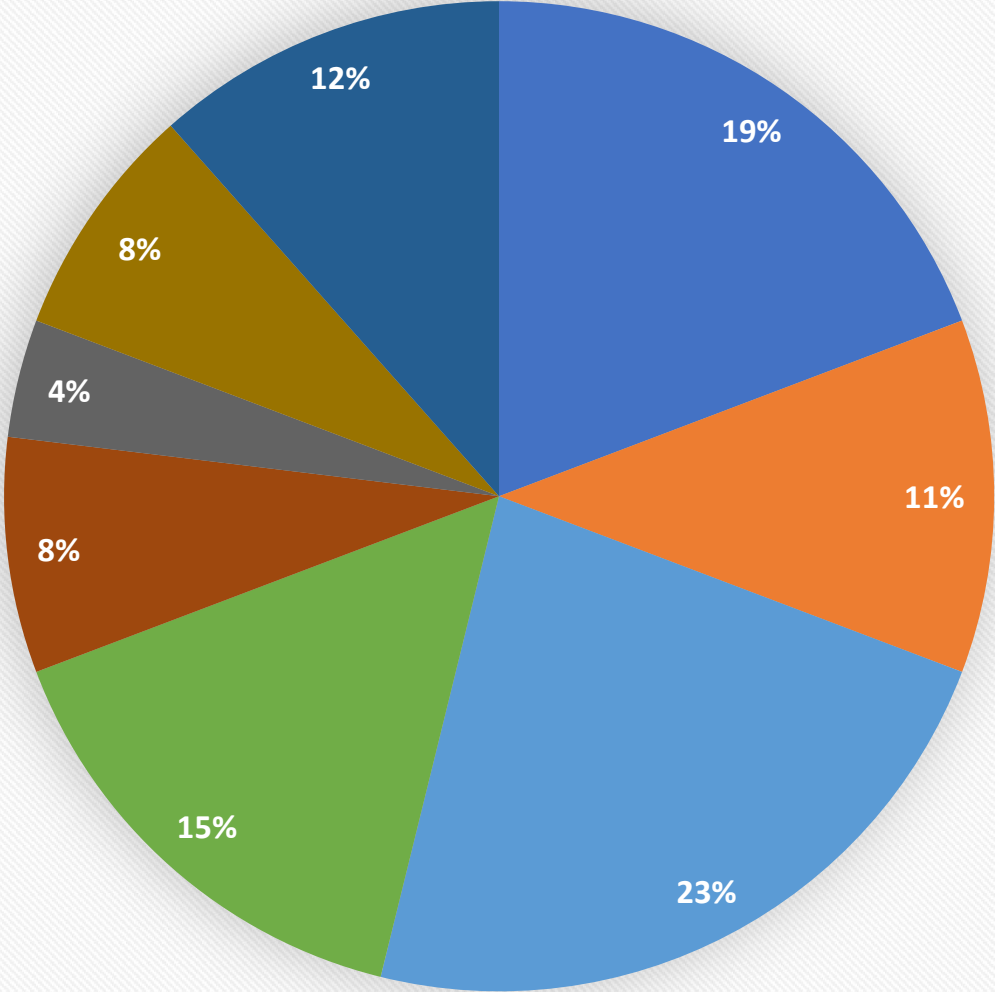
2020 Crashes by Injury



2020 Crashes by Injury (including non-injuries)



2020 Crashes by Type



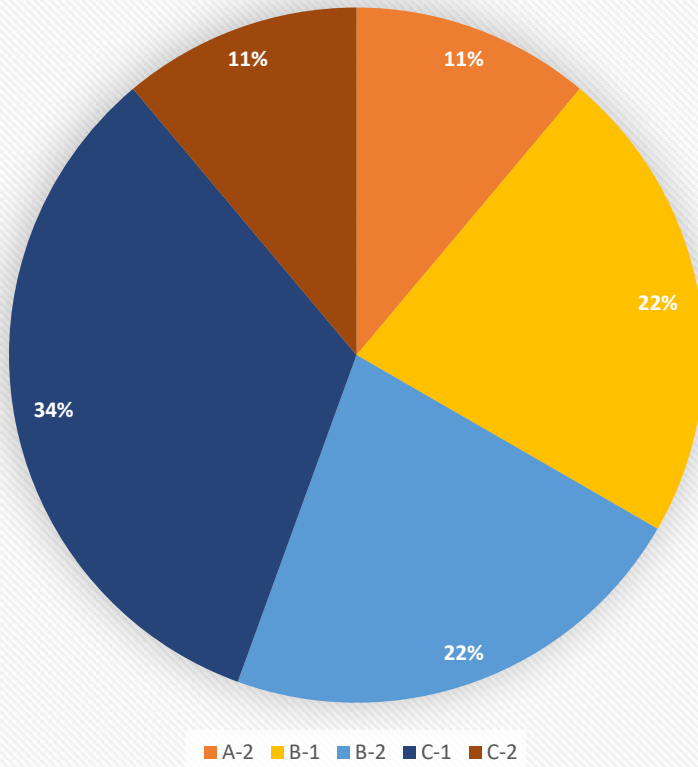
- Fixed Object
- Angle
- Rearend
- Turning
- Overturned
- Other Object
- Parked
- Sideswipe

2021 Crashes on Ridge Road between Holt Road and Black Road

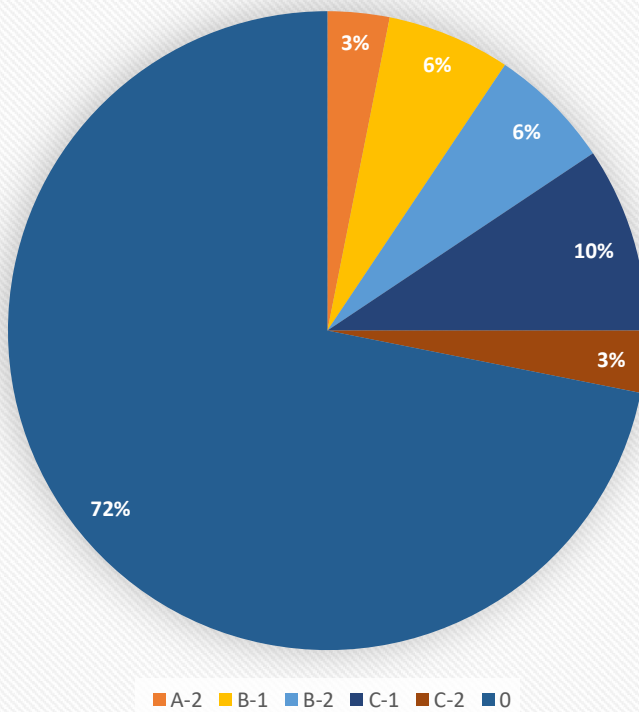
#	ICN	Date	Time	Location	Type	Manuever Code	Injuries
1	202101111335	4/17/2021	10:00:00 PM	Ridge Rd & Wildy	Animal	Avoiding Vehicle/Objects	B-2
2	202101115411	2/4/2021	1:00:00 PM	Ridge Rd & Wildy	Rearend	Skidding/Control Loss, Slow/Stop in Traffic	0
3	202101178648	5/13/2021	7:00:00 AM	Ridge Rd & Bell	Rearend	Avoiding Vehicle/Objects, Slow/Stop in Traffic	0
4	202101197651	6/23/2021	6:00:00 PM	Ridge Rd & Jones	Other Object	Unknown	0
5	202101236351	7/30/2021	4:00:00 PM	Ridge Rd & Wildy	Turning	Turning Left, Straight Ahead	C-1
6	202101331466	10/19/2021	9:00:00 AM	Ridge Rd & Wildy	Turning	Straight Ahead, Turning Right	0
7	202101375699	11/16/2021	10:00:00 PM	Ridge Rd & Wildy	Rearend	Straight Ahead, Slow/Stop in Traffic	0
8	202101392612	10/30/2021	4:00:00 PM	Ridge Rd & Bell	Turning	Turning Left, Straight Ahead	0
9	202101416122	12/21/2021	9:00:00 PM	Ridge Rd & Jones	Turning	Turning Left, Straight Ahead	A-2/B-1*
10	202101075485	3/11/2021	2:00:00 PM	Ridge Rd, 400' S of Black Rd	Turning	Straight Ahead, Turning Left	0
11	202101107643	3/26/2021	6:00:00 AM	Ridge Rd, 0.5mi S of Bell Rd	Animal	Straight Ahead	0
12	202101175209	5/8/2021	4:00:00 PM	Ridge Rd, 0.2mi N of Bell Rd	Turning	U-Turn, Straight Ahead	0
13	202101188428	6/17/2021	3:00:00 PM	Ridge Rd & US52	Turning	Turning Right, Straight Ahead	0
14	202101209847	6/2/2021	4:00:00 PM	Ridge Rd, 500' S of US52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
15	202101252969	8/11/2021	12:00:00 PM	Ridge Rd & Jones Rd	Turning	Turning Left, Straight Ahead	B-1
16	202101293812	8/8/2021	6:00:00 AM	Ridge Rd, 150' S of US-52	Rearend	Straight Ahead, Slow/Stop in Traffic	C-1
17	202101296959	8/19/2021	4:00:00 PM	Ridge Rd, 0.5mi S of Jones Rd	Rearend	Straight Ahead, Slow/Stop in Traffic	0
18	202101300968	9/22/2021	4:00:00 PM	Ridge Rd, 150' S of Jones Rd	Angle	Straight Ahead, Straight Ahead	C-2
19	202101368854	9/20/2021	4:00:00 PM	Ridge Rd, 0.2mi S of US52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
20	202101370562	9/22/2021	7:00:00 AM	Ridge Rd, 300' N of US52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
21	202101385602	9/29/2021	6:00:00 AM	Ridge Rd & US52	Rearend	Starting in Traffic, Slow/Stop in Traffic	0
22	202101389468	10/1/2021	5:00:00 PM	Ridge Rd & US52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
23	202101412408	10/20/2021	4:00:00 PM	Ridge Rd, 0.2mi S of US52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
24	202101117380	2/28/2021	10:00:00 AM	Ridge Rd & US52	Rearend	Slow/Stop in Traffic, Slow/Stop in Traffic	0
25	202101300344	8/30/2021	8:00:00 PM	Ridge Rd & US52	Angle	Straight Ahead, Straight Ahead	C-1
26	202101350931	9/5/2021	11:00:00 AM	Ridge Rd & US52	Angle	Straight Ahead, Straight Ahead	0
27	202101391669	10/2/2021	2:00:00 PM	Ridge Rd & US 52	Rearend	Straight Ahead, Slow/Stop in Traffic	0
28	202101124749	3/17/2021	3:00:00 PM	Ridge Rd & Khater Dr	Fixed Object	Skidding/Control Loss	0
29	202101133056	5/3/2021	6:00:00 AM	Ridge Rd, 0.3m S of Bell	Sideswipe	Changing Lanes, Slow/Stop in Traffic	0
30	202101269452	8/29/2021	8:00:00 PM	Ridge Rd & Khater Dr	Turning	Straight Ahead, Turning Left	B-2
31	202101298540	8/20/2021	12:00:00 PM	Ridge Rd, 0.3mi N of Wildy	Rearend	Avoiding Vehicle/Objects, Slow/Stop in Traffic	0

*Crash listed as type A, with 3 injuries. Breakdown is an estimate.

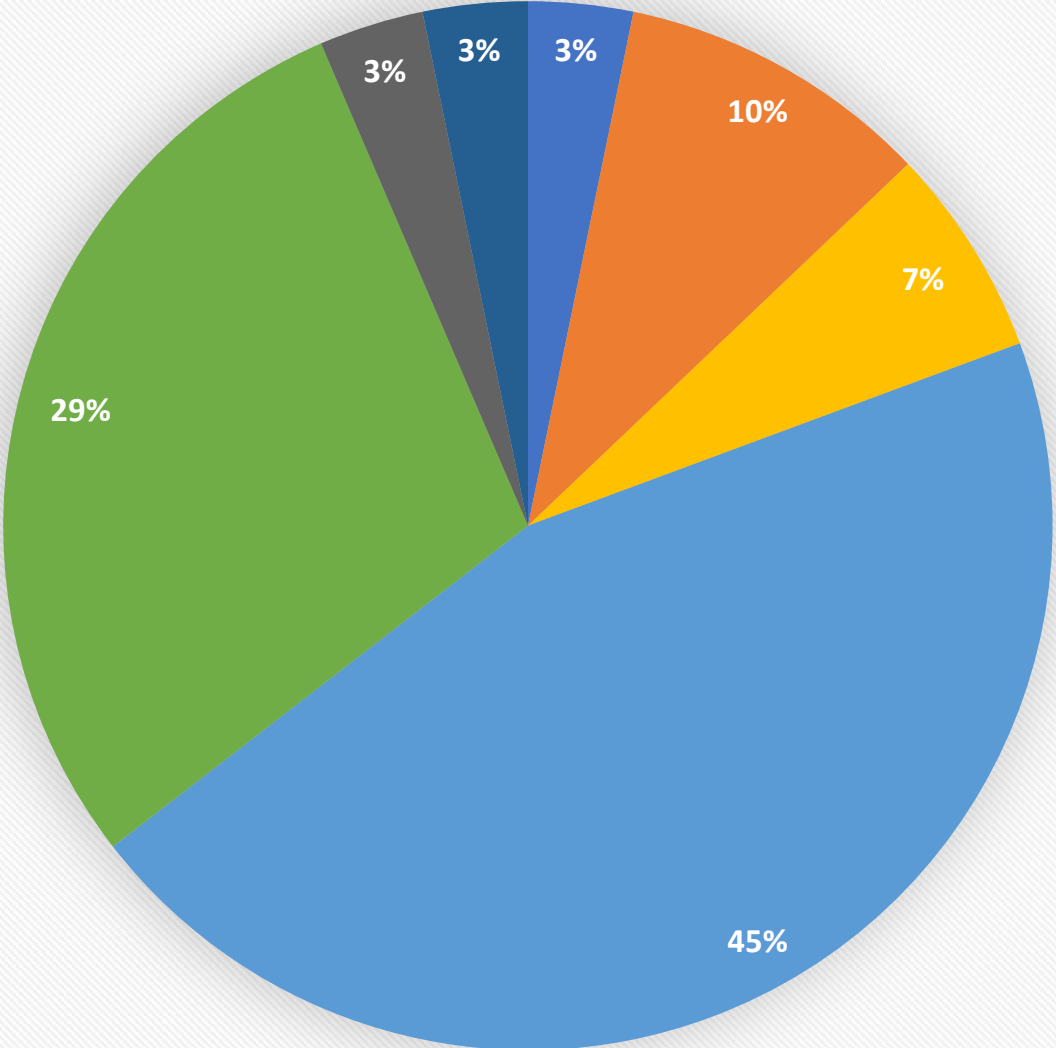
2021 Crashes by Injury Type



2021 Crashes by Injury Type (including non-injuries)



2021 Crashes by Type



■ Fixed Object ■ Angle ■ Animal ■ Rearend ■ Turning ■ Other Object ■ Sideswipe

COST ESTIMATE

C.H. 11 (Ridge Rd.)
Cost Estimate for Phase I

<u>Pay Item</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Removal				
Earth and Furnished Excavation	74,000	CU YD	\$20	\$1,776,000
Pavement Removal	99,400	SQ YD	\$12	\$1,192,800
Drainage				
Concrete Pipe Culverts	350	FOOT	\$222	\$77,700
Elliptical Precast End Section	6	EACH	\$2,300	\$13,800
Storm Sewer	5,700	FOOT	\$80	\$456,000
Roadway Features				
12" Aggregate Subbase	189,100	SQ YD	\$15	\$2,836,500
Combination Concrete Curb & Gutter	55,600	FOOT	\$30	\$1,668,000
PCC Pavement	154,150	SQ YD	\$110	\$16,956,500
Pavement Markings - Lines	30,200	FOOT	\$2	\$60,400
Pavement Markings - Letters & Symbols	1,300	SQ FT	\$10	\$13,000
Roadside Improvements				
Aggregate Surface Course	900	TON	\$50	\$45,000
Aggregate Base Course	700	SQ YD	\$15	\$10,500
Incidental HMA	100	TON	\$230	\$23,000
Sidewalk/Shared-Use Path	61,350	SQ FT	\$10	\$613,500
Paved Ditch	1,900	FOOT	\$70	\$133,000
Guardrail	750	FOOT	\$30	\$22,500
Aggregate Shoulders	315	TONS	\$52	\$16,380
PCC Shoulders	35,000	SQ YD	\$110	\$3,850,000
Traffic Signals				
Traffic Signal Installation	2	EACH	\$400,000	\$800,000
			Subtotal	\$30,564,580
			+10% Contingency	\$ 3,056,458
			Total Construction Cost Estimate	\$33,621,038
Land Acquisition				
Proposed ROW	24	ACRE	\$7,500	\$180,000
			Total Project Cost Estimate	\$33,801,038
			USE	<u>\$ 33,802,000</u>

DEPARTMENT OF AGRICULTURE COORDINATION



JB Pritzker, Governor
Jerry Costello II, Director

Bureau of Land and Water Resources

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/782-6297 • TDD 866/287-2999 • Fax 217/557-0993

January 16, 2024

Ms. Calley McPherson, E.I.
Hutchison Engineering, Inc.
605 Rollingwood Dr.
Shorewood, IL 60404

Re: Kendall County Highway
County Highway 11 (Ridge Road)
Kendall County, Illinois
USDA NRCS Form CPA-106

Dear Ms. McPherson:

The Illinois Department of Agriculture (IDOA) has completed its review of the agricultural impacts associated with proposed improvements to in Kendall County. The project was examined for its compliance with IDOT's Agricultural Land Preservation Policy as well as the Illinois Farmland Preservation Act (505 ILCS 75/1 et seq.).

The widening and reconstruction of County Highway 11 (Ridge Road). The road will transition from a two-lane rural highway to a four-lane highway. The reconstruction is required due to the high traffic volume within the corridor. This expansion is an attempt to address operational and safety concerns in the area. The project area includes 23.6 acres, with 19.1 acres in cropland that will be converted to a nonagricultural use.

Because the project has been designed to acquire the least possible amount of land to meet the safety needs of the public, the IDOA has determined that the project complies with IDOT's Agricultural Land Preservation Policy and Illinois' Farmland Preservation Act.

Enclosed are two copies of the USDA NRCS Form CPA-106. One copy must be included in the project's environmental assessment; the other is for your files. Should you have any questions or comments, please contact Jeffrey Evers of my staff at 217-785-5594.

Sincerely,

A handwritten signature in black ink that reads "Brian Rennecker".

Brian Rennecker, Chief
Bureau of Land and Water Resources

BR:JE
Enclosures-2

cc: Kendall County SWCD
Agency project file

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 11/28/22	4. Sheet 1 of 1
1. Name of Project County Highway 11 (Ridge Road)		5. Federal Agency Involved DOT	
2. Type of Project Highway Construction		6. County and State Kendall County, Illinois	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS 11/14/22	2. Person Completing Form Ron Collman
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated Average Farm Size 372	
5. Major Crop(s) Corn, Soybeans, Wheat, Hay	6. Farmable Land in Government Jurisdiction Acres: 29,633,500 % 97		7. Amount of Farmland As Defined in FPPA Acres: 27,695,900 % 91
8. Name Of Land Evaluation System Used Illinois	9. Name of Local Site Assessment System Illinois	10. Date Land Evaluation Returned by NRCS 12/12/23	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	23.6			
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor				

PART IV (To be completed by NRCS) Land Evaluation Information	
A. Total Acres Prime And Unique Farmland	21.5
B. Total Acres Statewide And Local Important Farmland	2.1
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	0.00083947
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	50.7

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)	
	84.4

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points				
1. Area in Nonurban Use	15				
2. Perimeter in Nonurban Use	10				
3. Percent Of Corridor Being Farmed	20				
4. Protection Provided By State And Local Government	20				
5. Size of Present Farm Unit Compared To Average	10				
6. Creation Of Nonfarmable Farmland	25				
7. Availability Of Farm Support Services	5				
8. On-Farm Investments	20				
9. Effects Of Conversion On Farm Support Services	25				
10. Compatibility With Existing Agricultural Use	10				
TOTAL CORRIDOR ASSESSMENT POINTS	160	0	0	0	0

See Attached
Illinois LESA Site Assessment
Corridor Factors

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	150/100	84.4/85	0	0	0
Total Corridor Assessment (From Part VI above or a local site assessment)	150/160	40	0	0	0
TOTAL POINTS (Total of above 2 lines)	300/260	125	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part: _____ DATE _____

NOTE: Complete a form for each segment with more than one Alternate Corridor

**Kendall County Highway Department
County Highway 11 (Ridge Road)
Kendall County, Illinois
Illinois Department of Transportation**

PART VI-B Illinois Site Assessment <i>CORRIDOR</i> Factors	Maximum Points	Site A
1. Amount of agricultural land required	30	5
2. Location of the proposed alignment	30	20
3. Acres of off-site agricultural land required for borrow materials	15	0
4. Acres of Prime and Important farmland required for mitigation	15	15
5. Creation of severed farm parcels	10	0
6. Creation of uneconomical remnants	10	0
7. Creation of landlocked parcels	10	0
8. Creation of adverse travel	10	0
9. Relocations of rural residences and farm buildings	10	0
10. Utilization of minimum design standards	10	0
TOTAL SITE ASSESSMENT <i>CORRIDOR</i> POINTS	150	40

PART VII

Relative Value of Farmland	150	85.0
Total Site Assessment <i>CORRIDOR</i> Factors	150	40.0
TOTAL ILLINOIS LESA POINTS	300	125.0

** The Illinois LESA System applies the 225 point cutoff when evaluating state and federally funded projects. Site or Corridor alternatives receiving 175 or fewer points have a low rating for protection, and it is not necessary to evaluate additional alternatives. Those alternatives receiving 176 to 225 points are in the moderate range for protection. In most cases, alternatives exceeding the 225 point level should be retained for agricultural use, and an alternate site should be utilized for the intended project. Selecting the alternative with the lowest total points will usually protect the best farmland located in the most agriculturally viable areas. LESA also serves to maintain and promote the agricultural industry in Illinois.*

**ENVIRONMENTAL CLEARANCES AND
CORRESPONDENCES**



Illinois Department of Transportation

Memorandum

To: Greg S. Lupton Attn: Bill Raffensperger
From: Jack A. Elston By: Shawn Wilcoxson
Subject: Natural Resources Review *Shawn Wilcoxson*
Date: January 3, 2023

Ridge Road/ CH 11
Section 22-00168-00-EG
T35N/R8E/S11
Kendall County
Seq. #24866

The proposed project involves the Ridge Road phase I study that extends just north of Holt Road as the southern limits to just north of Black Road as the northern limits in Kendall County.

There will be an undetermined amount of land acquisition. There will be in-stream work in an unnamed tributary. There will be 30 trees removed. Land cover in the vicinity of the proposed improvement is primarily agricultural land.

Review for Illinois Endangered Species Protection and Illinois Natural Areas Preservation – Part 1075

The Illinois Natural Heritage Database contains a 2014 buffer record of the State-listed Greater Redhorse located 1 mile west of the improvement in the Illinois Natural Area Inventory site Aux Sable Creek. No work will occur in Aux Sable Creek. We conclude there will be no effect to the listed species or the INAI.

There are no dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location. **Therefore, consultation under Part 1075 is terminated.**

This review for compliance with 17 Ill. Adm. Code Part 1075 is valid for two years unless new information becomes available that was not previously considered; the proposed improvement is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the proposed improvement has not been implemented within two years of the date of this memorandum, or any of the above listed conditions develop, a new review will be necessary.

Review for Illinois Interagency Wetland Policy Act – Part 1090

The National Wetlands Inventory shows wetlands in the vicinity of the project location. A survey for wetlands was conducted within the Environmental Survey Request limits for the proposed improvements. All potential sites were examined and two were determined to be wetlands. The Wetland Delineation Report and spatial information (ArcGIS shapefile) are saved in the project folder.

The project sponsor will consider location and design alternatives to avoid and minimize adverse wetland impacts to the extent practical. After the extent of impacts is determined, a Wetland Impact Evaluation (WIE) form will be completed and submitted to the IDOT Bureau of Design and Environment. Unavoidable adverse wetland impacts are subject to the applicable ratios specified in 17 Ill. Adm. Code Part 1090.50 (c)(8). If the project will avoid adverse wetland impacts, the WIE should reflect the determination that adverse wetland impacts will not occur. The WIE form and instructions for its completion can be accessed at <http://www.dot.il.gov/environment/wetlands.asp>. Pending the submittal of the WIE **our wetland review under Part 1090 is open.**

Review for Endangered Species Act - Section 7

The proposed improvement was reviewed in fulfillment of our obligation under Section 7(a)2 of the Endangered Species Act. Our review included use of the US Fish and Wildlife Service's (USFWS) Information for Planning and Conservation (IPaC) web-based review tool. Through IPaC, an official species list was generated. The list contains the endangered, threatened, proposed and candidate species and proposed and designated critical habitat that may be present within or in the vicinity of the proposed improvement. The following species are listed: Indiana bat (Ibat), northern long-eared bat (NLEB), rusty patched bumble bee and eastern prairie fringed orchid. No proposed or designated critical habitat is listed. Under 50 CFR 402.12(e), **the accuracy of the species list is limited to 90 days.**

We cross-referenced the preferred habitat of each of the listed species with our knowledge of the project area and determined that the proposed improvement will have no effect on those species.

Should the proposed improvement be modified or new information indicate listed or proposed species may be affected, consultation or additional coordination should be initiated.

Attachment—USFWS species county list

VH



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
Phone: (309) 757-5800 Fax: (309) 757-5807

In Reply Refer To:
Project code: 2023-0029841
Project Name: 24866
IPaC Record Locator: 857-120758159

January 03, 2023

Subject: Consistency letter for the '24866' project under the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat.

To whom it may concern:

The U.S. Fish and Wildlife Service (Service) has received your request dated January 03, 2023 to verify that the **24866** (Proposed Action) may rely on the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (PBO) to satisfy requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 *et seq.*).

Based on the information you provided (Project Description shown below), you have determined that the Proposed Action will have no effect on the endangered Indiana bat (*Myotis sodalis*) or the threatened Northern long-eared bat (*Myotis septentrionalis*). If the Proposed Action is not modified, **no consultation is required for these two species**. If the Proposed Action is modified, or new information reveals that it may affect the Indiana bat and/or Northern long-eared bat in a manner or to an extent not considered in the PBO, further review to conclude the requirements of ESA Section 7(a)(2) may be required.

For Proposed Actions that include bridge/culvert or structure removal, replacement, and/or maintenance activities: If your initial bridge/culvert or structure assessments failed to detect Indiana bats, but you later detect bats prior to, or during construction, please submit the Post Assessment Discovery of Bats at Bridge/Culvert or Structure Form (User Guide Appendix E) to this Service Office within 2 working days of the incident. In these instances, potential incidental take of Indiana bats may be exempted provided that the take is reported to the Service.

If the Proposed Action may affect any other federally-listed or proposed species and/or designated critical habitat, additional consultation between the lead Federal action agency and this Service Office is required. If the proposed action has the potential to take bald or golden

eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act may also be required. In either of these circumstances, please advise the lead Federal action agency accordingly.

The following species may occur in your project area and **are not** covered by this determination:

- Eastern Prairie Fringed Orchid *Platanthera leucophaea* Threatened
 - Monarch Butterfly *Danaus plexippus* Candidate
 - Rusty Patched Bumble Bee *Bombus affinis* Endangered
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Project Description

The following project name and description was collected in IPaC as part of the endangered species review process.

Name

24866

Description

Ridge Road/ CH 11
Section 22-00168-00-EG
T35N/R8E/S11
Kendall County
Seq. #24866

The proposed project involves the Ridge Road phase I study that extends just north of Holt Road as the southern limits to just north of Black Road as the northern limits in Kendall County.

There will be an undetermined amount of land acquisition. There will be in-stream work in an unnamed tributary. There will be 30 trees removed. Land cover in the vicinity of the proposed improvement is primarily agricultural land.

Determination Key Result

Based on the information you provided, you have determined that the Proposed Action will have no effect on the endangered Indiana bat and/or the threatened Northern long-eared bat. Therefore, no consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required for these two species.

Qualification Interview

1. Is the project within the range of the Indiana bat^[1]?

[1] See [Indiana bat species profile](#)

Automatically answered

Yes

2. Is the project within the range of the Northern long-eared bat^[1]?

[1] See [Northern long-eared bat species profile](#)

Automatically answered

Yes

3. Which Federal Agency is the lead for the action?

A) Federal Highway Administration (FHWA)

4. Are *all* project activities limited to non-construction^[1] activities only? (examples of non-construction activities include: bridge/abandoned structure assessments, surveys, planning and technical studies, property inspections, and property sales)

[1] Construction refers to activities involving ground disturbance, percussive noise, and/or lighting.

No

5. Does the project include *any* activities that are **greater than** 300 feet from existing road/rail surfaces^[1]?

[1] Road surface is defined as the actively used [e.g. motorized vehicles] driving surface and shoulders [may be pavement, gravel, etc.] and rail surface is defined as the edge of the actively used rail ballast.

No

6. Does the project include *any* activities **within** 0.5 miles of a known Indiana bat and/or NLEB hibernaculum^[1]?

[1] For the purpose of this consultation, a hibernaculum is a site, most often a cave or mine, where bats hibernate during the winter (see suitable habitat), but could also include bridges and structures if bats are found to be hibernating there during the winter.

No

7. Is the project located **within** a karst area?

No

8. Is there *any* suitable^[1] summer habitat for Indiana Bat or NLEB **within** the project action area^[2]? (includes any trees suitable for maternity, roosting, foraging, or travelling habitat)

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

[2] The action area is defined as all areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action (50 CFR Section 402.02). Further clarification is provided by the [User's Guide for the Range-wide Programmatic Consultation for Indiana Bat and Northern Long-eared Bat](#).

No

9. Does the project include wetland or stream protection activities associated with compensatory wetland mitigation?

No

10. Does the project include slash pile burning?

No

11. Does the project include *any* bridge removal, replacement, and/or maintenance activities (e.g., any bridge repair, retrofit, maintenance, and/or rehabilitation work)?

No

12. Does the project include the removal, replacement, and/or maintenance of *any* structure other than a bridge? (e.g., rest areas, offices, sheds, outbuildings, barns, parking garages, etc.)

No

13. Will the project involve the use of **temporary** lighting *during* the active season?

No

14. Will the project install new or replace existing **permanent** lighting?

No

15. Does the project include percussives or other activities (**not including tree removal/trimming or bridge/structure work**) that will increase noise levels above existing traffic/background levels?

No

16. Will the project raise the road profile **above the tree canopy**?

No

17. Is the location of this project consistent with a No Effect determination in this key?

Automatically answered

Yes, because the project action area is not within suitable Indiana bat and/or NLEB summer habitat and is outside of 0.5 miles of a hibernaculum.

Determination Key Description: FHWA, FRA, FTA Programmatic Consultation For Transportation Projects Affecting NLEB Or Indiana Bat

This key was last updated in IPaC on December 01, 2022. Keys are subject to periodic revision.

This decision key is intended for projects/activities funded or authorized by the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and/or Federal Transit Administration (FTA), which may require consultation with the U.S. Fish and Wildlife Service (Service) under Section 7 of the Endangered Species Act (ESA) for the endangered **Indiana bat** (*Myotis sodalis*) and the threatened **Northern long-eared bat** (NLEB) (*Myotis septentrionalis*).

This decision key should only be used to verify project applicability with the Service's [February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects](#). The programmatic biological opinion covers limited transportation activities that may affect either bat species, and addresses situations that are both likely and not likely to adversely affect either bat species. This decision key will assist in identifying the effect of a specific project/activity and applicability of the programmatic consultation. The programmatic biological opinion is not intended to cover all types of transportation actions. Activities outside the scope of the programmatic biological opinion, or that may affect ESA-listed species other than the Indiana bat or NLEB, or any designated critical habitat, may require additional ESA Section 7 consultation.

IPaC User Contact Information

Agency: Illinois Department of Transportation

Name: Vince Hamer

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United States Department of the Interior



FISH AND WILDLIFE SERVICE
Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
Phone: (309) 757-5800 Fax: (309) 757-5807

In Reply Refer To:
Project Code: 2023-0029841
Project Name: 24866

January 03, 2023

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat, if present, within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) **the accuracy of this species list should be verified after 90 days**. This verification can be completed formally or informally. You may verify the list by visiting the ECOSPHERE Information for Planning and Consultation (IPaC) website <https://ipac.ecosphere.fws.gov> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list.

Section 7 Consultation

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the U.S. Fish and Wildlife Service (Service) if they determine their project "may affect" listed species or designated critical habitat. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action may affect endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service to make "no effect" determinations. If you determine that your proposed action will have

no effect on threatened or endangered species or their respective designated critical habitat, you do not need to seek concurrence with the Service.

Note: For some species or projects, IPaC will present you with *Determination Keys*. You may be able to use one or more Determination Keys to conclude consultation on your action.

Technical Assistance for Listed Species

1. For assistance in determining if suitable habitat for listed, candidate, or proposed species occurs within your project area or if species may be affected by project activities, you can obtain information on the species life history, species status, current range, and other documents by selecting the species from the thumbnails or list view and visiting the species profile page.
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No Effect Determinations for Listed Species

1. If there are *no* species or designated critical habitats on the Endangered Species portion of the species list: conclude "no species and no critical habitat present" and document your finding in your project records. No consultation under ESA section 7(a)(2) is required if the action would result in no effects to listed species or critical habitat. Maintain a copy of this letter and IPaC official species list for your records.
2. If any species or designated critical habitat are listed as potentially present in the **action area** of the proposed project the project proponents are responsible for determining if the proposed action will have "no effect" on any federally listed species or critical habitat. No effect, with respect to species, means that no individuals of a species will be exposed to any consequence of a federal action or that they will not respond to such exposure.
3. If the species habitat is not present within the action area or current data (surveys) for the species in the action area are negative: conclude "no species habitat or species present" and document your finding in your project records. For example, if the project area is located entirely within a "developed area" (an area that is already graveled/paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping, is located within an existing maintained facility yard, or is in cultivated cropland conclude no species habitat present. Be careful when assessing actions that affect: 1) rights-of-ways that contains natural or semi-natural vegetation despite periodic mowing or other management; structures that have been known to support listed species (example: bridges), and 2) surface water or groundwater. Several species inhabit rights-of-ways, and you should carefully consider effects to surface water or groundwater, which often extend outside of a project's immediate footprint.
4. Adequacy of Information & Surveys - Agencies may base their determinations on the best evidence that is available or can be developed during consultation. Agencies must give the benefit of any doubt to the species when there are any inadequacies in the information. Inadequacies may include uncertainty in any step of the analysis. To provide adequate information on which to base a determination, it may be appropriate to conduct surveys to determine whether listed species or their habitats are present in the action area. Please contact our office for more information or see the survey guidelines that the Service has made available in IPaC.

May Effect Determinations for Listed Species

1. If the species habitat is present within the action area and survey data is unavailable or inconclusive: assume the species is present or plan and implement surveys and interpret results in coordination with our office. If assuming species present or surveys for the species are positive continue with the may affect determination process. May affect, with respect to a species, is the appropriate conclusion when a species might be exposed to a consequence of a federal action and could respond to that exposure. For critical habitat,
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'may affect' is the appropriate conclusion if the action area overlaps with mapped areas of critical habitat and an essential physical or biological feature may be exposed to a consequence of a federal action and could change in response to that exposure.

2. Identify stressors or effects to the species and to the essential physical and biological features of critical habitat that overlaps with the action area. Consider all consequences of the action and assess the potential for each life stage of the species that occurs in the action area to be exposed to the stressors. Deconstruct the action into its component parts to be sure that you do not miss any part of the action that could cause effects to the species or physical and biological features of critical habitat. Stressors that affect species' resources may have consequences even if the species is not present when the project is implemented.
3. If no listed or proposed species will be exposed to stressors caused by the action, a 'no effect' determination may be appropriate – be sure to separately assess effects to critical habitat, if any overlaps with the action area. If you determined that the proposed action or other activities that are caused by the proposed action may affect a species or critical habitat, the next step is to describe the manner in which they will respond or be altered. Specifically, to assess whether the species/critical habitat is "not likely to be adversely affected" or "likely to be adversely affected."
4. Determine how the habitat or the resource will respond to the proposed action (for example, changes in habitat quality, quantity, availability, or distribution), and assess how the species is expected to respond to the effects to its habitat or other resources. Critical habitat analyses focus on how the proposed action will affect the physical and biological features of the critical habitat in the action area. If there will be only beneficial effects or the effects of the action are expected to be insignificant or discountable, conclude "may affect, not likely to adversely affect" and submit your finding and supporting rationale to our office and request concurrence.
5. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, check IPaC for species-specific Section 7 guidance and conservation measures to determine whether there are any measures that may be implemented to avoid or minimize the negative effects. If you modify your proposed action to include conservation measures, assess how inclusion of those measures will likely change the effects of the action. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, contact our office for assistance.
6. Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. Electronic submission is preferred.

For additional information on completing Section 7 Consultation including a Glossary of Terms

used in the Section 7 Process, information requirements for completing Section 7, and example letters visit the Midwest Region Section 7 Consultations website at: <https://www.fws.gov/library/collections/midwest-region-section-7-consultations>.

You may find more specific information on completing Section 7 on communication towers and transmission lines on the following websites:

- Incidental Take Beneficial Practices: Power Lines - <https://www.fws.gov/story/incidental-take-beneficial-practices-power-lines>
- Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning. - <https://www.fws.gov/media/recommended-best-practices-communication-tower-design-siting-construction-operation>

Northern Long-eared Bat Update

Please note that on March 23, 2022, the Service published a proposal to reclassify the northern long-eared bat (NLEB) as endangered under the Endangered Species Act. The U.S. District Court for the District of Columbia has ordered the Service to complete a new final listing determination for the NLEB by November 2022 (Case 1:15-cv-00477, March 1, 2021). The bat, currently listed as threatened, faces extinction due to the range-wide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across the continent. The proposed reclassification, if finalized, would remove the current 4(d) rule for the NLEB, as these rules may be applied only to threatened species. Depending on the type of effects a project has on NLEB, the change in the species' status may trigger the need to re-initiate consultation for any actions that are not completed and for which the Federal action agency retains discretion once the new listing determination becomes effective (anticipated to occur by December 30, 2022). If your project may result in incidental take of NLEB after the new listing goes into effect this will first need to be addressed in an updated consultation that includes an Incidental Take Statement. If your project may require re-initiation of consultation, please contact our office for additional guidance.

Other Trust Resources and Activities

Bald and Golden Eagles

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act, as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, please contact our office for further coordination. For more information on permits and other eagle information visit our website <https://www.fws.gov/library/collections/bald-and-golden-eagle-management>.

We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
-

- Migratory Birds
 - Wetlands
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Illinois-Iowa Ecological Services Field Office

Illinois & Iowa Ecological Services Field Office

1511 47th Ave

Moline, IL 61265-7022

(309) 757-5800

Project Summary

Project Code: 2023-0029841
Project Name: 24866
Project Type: Road/Hwy - Maintenance/Modification
Project Description: Ridge Road/ CH 11
Section 22-00168-00-EG
T35N/R8E/S11
Kendall County
Seq. #24866

The proposed project involves the Ridge Road phase I study that extends just north of Holt Road as the southern limits to just north of Black Road as the northern limits in Kendall County.

There will be an undetermined amount of land acquisition. There will be in-stream work in an unnamed tributary. There will be 30 trees removed. Land cover in the vicinity of the proposed improvement is primarily agricultural land.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.59089385,-88.42891155581523,14z>



Counties: Kendall County, Illinois

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate
Rusty Patched Bumble Bee <i>Bombus affinis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9383	Endangered

Flowering Plants

NAME	STATUS
Eastern Prairie Fringed Orchid <i>Platanthera leucophaea</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/601	Threatened

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> https://ecos.fws.gov/ecp/species/5949#crithab	Final

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

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1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\) list](#) or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Golden-plover <i>Pluvialis dominica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Oct 15 to Aug 31

NAME	BREEDING SEASON
<p>Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399</p>	Breeds May 15 to Oct 10
<p>Bobolink <i>Dolichonyx oryzivorus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 20 to Jul 31
<p>Cerulean Warbler <i>Dendroica cerulea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/2974</p>	Breeds Apr 21 to Jul 20
<p>Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Mar 15 to Aug 25
<p>Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 1 to Aug 20
<p>Henslow's Sparrow <i>Ammodramus henslowii</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3941</p>	Breeds May 1 to Aug 31
<p>Kentucky Warbler <i>Oporornis formosus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Apr 20 to Aug 20
<p>King Rail <i>Rallus elegans</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8936</p>	Breeds May 1 to Sep 5
<p>Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679</p>	Breeds elsewhere
<p>Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Apr 1 to Jul 31
<p>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 10 to Sep 10
<p>Ruddy Turnstone <i>Arenaria interpres morinella</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA</p>	Breeds elsewhere

NAME	BREEDING SEASON
Rusty Blackbird <i>Euphagus carolinus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Short-billed Dowitcher <i>Limnodromus griseus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480	Breeds elsewhere
Upland Sandpiper <i>Bartramia longicauda</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9294	Breeds May 1 to Aug 31
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

Probability Of Presence Summary

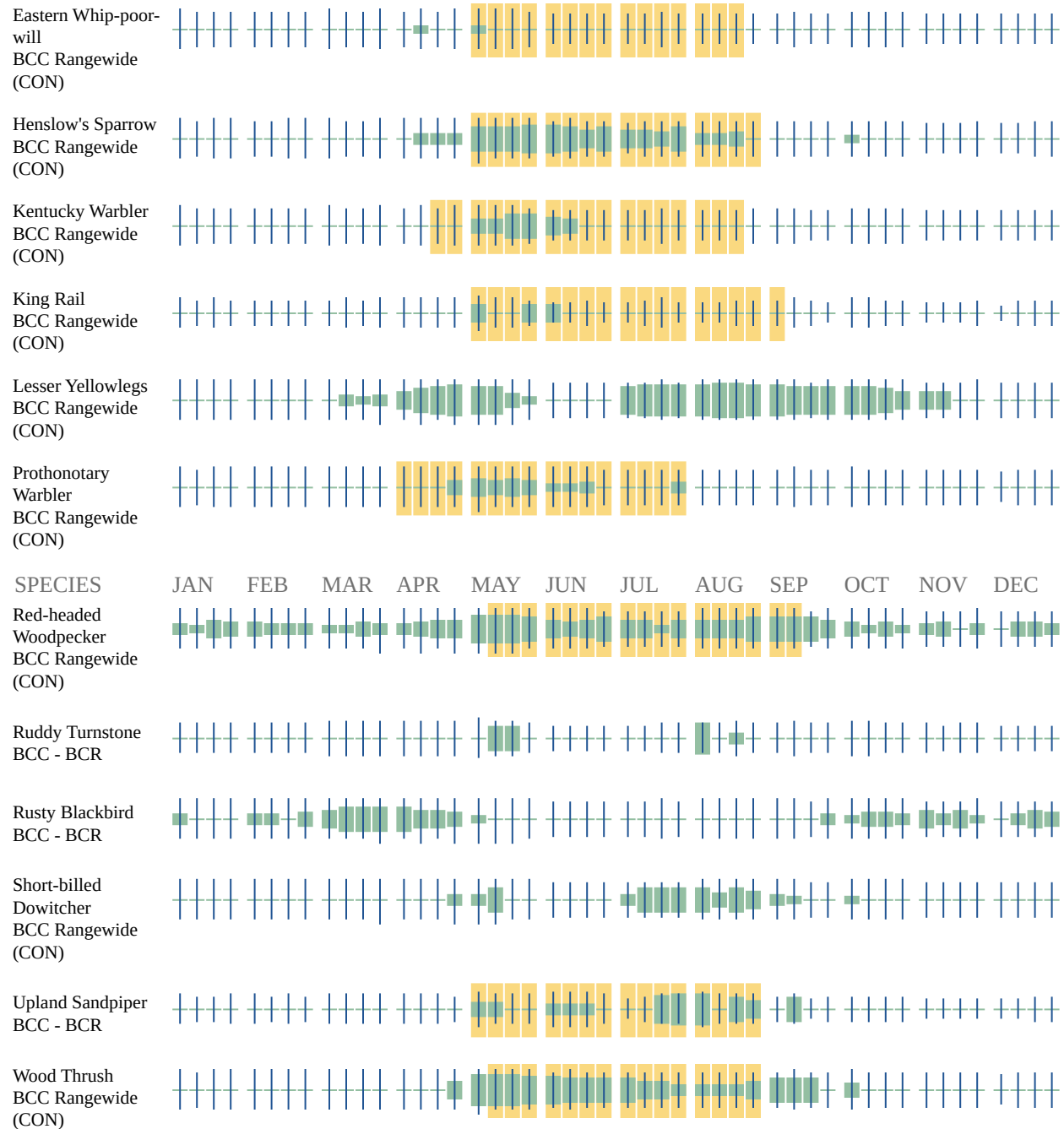
The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point

within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no

data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPaC User Contact Information

Agency: Illinois Department of Transportation

Name: Vince Hamer

Address: 2300 s dirksen

City: Springfield

State: IL

Zip: 62673

Email: vincent.hamer@illinois.gov

Phone: 2175579035



Illinois Department of Transportation
Memorandum

To: George Tapas Attn: Stephen Letsky
From: Jack Elston By: Joseph Galloy
Subject: Cultural Resources - No Historic Properties Affected Clearance
Date: December 8, 2023

Kendall County
CH 11, Ridge Road
Minooka, Joliet
Sec. 22-00168-00-EG
Seq. 24866
ISAS Log: 22113

For the above referenced undertaking, IDOT's qualified Cultural Resources staff hereby make a **"No Historic Properties Affected"** finding pursuant to Section 106 of the National Historic Preservation Act.

This finding concludes the Section 106 process in accordance with the stipulations of the Programmatic Agreement Regarding Section 106 Implementation for Federal-Aid Transportation Projects in the State of Illinois, executed March 6, 2018 by FHWA, Illinois SHPO, IDOT and the Advisory Council on Historic Preservation.

No further cultural resources coordination is required for this undertaking, unless design modifications or new information indicate that historic properties may be affected. If so, then, additional coordination with my office is required.

A handwritten signature in cursive script that reads "Joseph M. Galloy".

Joseph M. Galloy
Cultural Resources Unit Manager
Bureau of Design & Environment

JG:aat



Illinois Department of Transportation

Memorandum

To: George Tapas
From: Jack A. Elston
Subject: PESA Review
Date: March 6, 2023

Attn: Bill Raffensperger
By: John Sherrill
John Sherrill

Project: CH 11 (Ridge Road), Holt Road to Black Road, unincorporated Seward Township
District 3: Kendall County
Requesting Agency: LOCAL
Survey Target Date: 03/09/2023
Anticipated Letting: Not Provided
BDE Sequence #: 24866

Job #: Not Provided
Contract #: Not Provided
Anticipated DA: 12/15/2023
Section: 22-00168-00-EG
ISGS PESA #: 4374

Attached is a copy of the Preliminary Environmental Site Assessment (PESA) report prepared by the Illinois State Geological Survey (ISGS) for the subject project as described in your Special Waste Environmental Survey Request (ESR). Table 1 identifies sites along the project route that were determined to contain recognized environmental conditions (RECs). It is the opinion of this office, in consultation with the Chief Counsel's Office, that a preliminary site investigation (PSI) is required if any site identified in Table 1 of the PESA report involves any of the following situations:

- New right of way or easement (temporary or permanent);
- Railroad right-of-way, other than single rail rural with no maintenance facilities; or
- Building demolition / modification.

Additionally, a PSI is required if the project will have excavation or subsurface utility relocation on existing right-of-way adjoining a site identified in Table 1 of the PESA report.

If the district determines that they can avoid all the sites that contain RECs, then a PSI is not required and the project will be in compliance with Departmental Policy D&E-11. If the district determines that the project will involve a site containing a REC(s), then a PSI is required and the statewide special waste consultant should be requested to perform the PSI. Please notify this office of any actions you may decide to take concerning these sites (avoidance or further investigation). The PESA Response form can be found on PMA.

The District's Bureau of Land Acquisition (DBLA) should determine if any new right-of-way or easement will involve any site identified in Table 1 or any site adjoining a site listed in Table 4 of the PESA report. On those identified situations, DBLA shall coordinate the acquisition with this office, Central Bureau of Land Acquisition, and the Chief Counsel's Office to determine if an "All Appropriate Inquiries" (AAI) assessment is required for additional liability protection under CERCLA.

Other findings and recommendations of the report should be carefully considered. If you have any questions regarding this report or the tasking of the statewide consultant, please contact Josh Venaas at 217/785-4181 or James R. Curtis at 217/558-4653.

Attachments

cc: Office of Chief Counsel – Rm. 313

IDOT Sequence #: 24866
IDOT Job #: NA

ISGS: 4374
IDOT District #: 3

PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT

FINAL REPORT

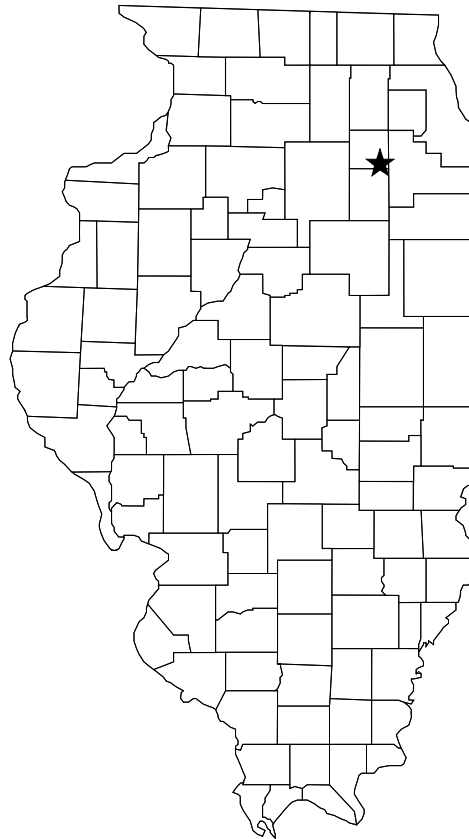
DATE: March 3, 2023

IDOT DESIGN DATE: December 15, 2023

SURVEY TARGET DATE: March 9, 2023

DATE REQUEST RECEIVED: July 18, 2022

LOCATION: CH 11 (Ridge Road), Holt Road to Black Road, unincorporated Seward Township, Kendall County; Yorkville SE quadrangle (USGS 7.5-minute topographic map), T35N, R8E, Sections 13 and 14.



EXECUTIVE SUMMARY

This report presents the results of an environmental site assessment for the improvements to CH 11 at US 52, unincorporated Seward Township, Kendall County. This report was prepared on behalf of the Illinois Department of Transportation (IDOT) by the Illinois State Geological Survey (ISGS).

The following sites were examined for this project. The tables below list sites along the project for which recognized environmental conditions (RECs)* were identified for each address or address range (Table 1); sites along the project for which only de minimis conditions were identified (Table 2); sites along the project for which no RECs or de minimis conditions were identified (Table 3); and sites adjoining but not on the project that were identified on environmental databases (Table 4). Further investigation of sites with RECs may be desired.

Table 1. The following sites along the project were determined to contain RECs:

Property name IDOT parcel #	ISGS site #	REC(s), including de minimis conditions	Regulatory database(s)	Land use
Agricultural land NA	4374-1	Petroleum pipeline; likely pesticide and/or herbicide use	None	Agricultural
Agricultural land NA	4374-2	Petroleum pipeline; natural gas pipeline; likely pesticide and/or herbicide use	None	Agricultural
Agricultural land NA	4374-4	Potential UST(s); potential former chemical use; natural gas pipeline; likely pesticide and/or herbicide use	None	Agricultural
Residence NA	4374-5	AST; potential ACM and lead paint	None	Residential

Table 2. The following sites along the project were determined to contain de minimis conditions only:

Property name IDOT parcel #	ISGS site #	De minimis condition(s)	Land use
Agricultural land NA	4374-3	Transformers; likely pesticide and/or herbicide use	Agricultural
Residence NA	4374-6	Potential ACM and lead paint	Residential

Vacant land NA	4374-7	Likely past pesticide and/or herbicide use	Vacant
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Table 3. The following site along the project was determined not to contain RECs or de minimis conditions:

Property name IDOT parcel #	ISGS site #	Land use
Unnamed tributary to Aux Sable Creek NA	4374-8	Stream

Table 4. The following additional sites, adjoining but not on the project, were identified on environmental databases:

Property name	ISGS site #	Regulatory database(s)	Land use
None			

* For all sites:

Where REC(s) are indicated as present, a condition was noted that may be indicative of releases or potential releases of hazardous substances on, at, in, or to the site, as discussed in the text. Potential hazards were not verified by ISGS testing. Radon, biological hazards (such as mold, medical waste, or septic waste), and non-agricultural pesticides and/or herbicides may also be of concern. No further investigation concerning the presence or use of these factors was conducted for this PESA.

Where RECs are not indicated as present, radon, biological hazards (such as mold, medical waste, or septic waste), and non-agricultural pesticides and/or herbicides may still be of concern. No further investigation concerning the presence or use of these factors was conducted for this PESA.

For the purposes of this report, the following are considered to be de minimis conditions:

- Normal use of lead-based paint on exteriors and interiors of buildings and structures.
- Use of asbestos-containing materials in building construction.
- Transformers in normal use, unless the transformers were observed to be leaking, appear on an environmental regulatory list, or were otherwise determined to pose a hazard not related to normal use.
- Agricultural use of pesticides and herbicides. In addition, most land in Illinois was under agricultural use prior to its conversion to residential, industrial, or commercial development. Pesticides, both regulated and otherwise, may have been used throughout the project area at any time. Unless specifically discussed elsewhere in this report, no information regarding past pesticide use that would be subject to enforcement action was located for this project, and such use is considered a de minimis condition.

The following data gaps exist for all PESAs:

- For residences, only areas visible from public roads are inspected.
- Interiors of buildings are not inspected.
- Interiors of agricultural areas are not inspected during growing seasons.

Radon and biological hazards are not considered in this PESA unless specifically noted.

NA = No parcel number was supplied by IDOT for this site.

Although potential natural hazards and undermining, if present, are described in this report, they are not considered as RECs or de minimis conditions for the purposes of this report, and are therefore not listed in the tables above. Wetlands and flooding hazards are not evaluated as part of this report.



EXECUTIVE SUMMARY

This Preliminary Environmental Site Assessment (PESA) identifies man-made hazards that may be encountered within the proposed Project Corridor of Ridge Road, from Holt Road to Black Road, Improvement Project. The proposed improvements extend along Ridge Road right-of-way approximately 4.56 miles in length from approximately 260 feet north of Black Road to approximately 75 feet north of Holt Road, in Minooka, Joliet, and Unincorporated Kendall County, Illinois (Project Corridor).

The screening process, used to identify sites that may pose a hazard to the Project Corridor, included a historical review, database search, review of other applicable information, and site reconnaissance. Historical resources included historical aerial photos and historical topographic maps of the Project Corridor. Both were reviewed for evidence of former sites that may pose a hazard to the Project Corridor. The database search provided information (on a local, state, or federal level) on properties that may pose a hazard to the Project Corridor. Information not provided in the database search, such as water quality data, solid waste disposal sites, and the national pipeline mapping system was also reviewed with regards to the Project Corridor. Site reconnaissance was conducted on January 24, 2023, to inspect the sites identified through the screening process, and to also identify additional sites adjacent to the Project Corridor with storage areas, spills, staining, or other indications of potential environmental concern.

Sites identified through the screening process were then further reviewed to identify their status as a potentially impacted property (PIP) in connection to the Project Corridor. The following tables (Tables ES-1 through ES-4) summarize these sites. Based on the information presented in this PESA and data collected during the screening process, this assessment has revealed evidence of four (4) potentially impacted properties (PIPs) in connection to the Project Corridor.

Table ES-1 Summary of Sites Identified to be Potentially Impacted Properties

Site ID	Site Name	Address	Reason(s)
5	Hazardous Liquid Pipeline ¹	Oriented NW-SE along southwest corner of Hwy 52 and Ridge Road	Pipeline with Potential for Leaking, Adjacent to Project Corridor
6	Hazardous Liquid Pipeline ¹	Oriented NW-SE north of Bell Road	Pipeline with Potential for Leaking, Adjacent to Project Corridor
8	The Rock Garden Supply	15423 N Ridge Road	Stockpiling, Potential Pesticide/Herbicide Use, Adjacent to Project Corridor
10	Farmstead Tank	Along west side of Ridge Road, 700 feet north of Wildy Road	AST, Adjacent to Project Corridor

¹Site identified during reconnaissance and through an independent search of the National Pipeline Mapping System

Table ES-2 Summary of Sites Identified Adjacent to the Project Corridor with De Minimis Conditions¹

Site ID	Site Name	Address	Reason(s)
1	Agricultural Land	Agricultural Land Adjacent to Project Corridor	Potential historical herbicide and pesticide use
2	Vacant Lot	SE Corner of Black Road and Ridge Road	No listings, good housekeeping noted, potential historical minimal use and storage of hazardous materials



Site ID	Site Name	Address	Reason(s)
4	Farmsteads	Various Farmsteads Adjacent to Project Corridor	No listings, good housekeeping noted, potential minimal use and storage of hazardous materials
7	Gas Transmission Pipelines ²	Oriented E-W North of Bell Road, Crossing Ridge Road	Transportation of natural gas
9	Rusty Ridge Animal Center Veterinarian	949 Bell Road	No listings, good housekeeping noted, potential minimal use and storage of hazardous materials
11	Minooka Water Tower	1200 Wildy Road	No listings, good housekeeping noted, potential minimal use and storage of hazardous materials

¹ De minimis based on definition included in ASTM Standard E 1527-13

² Site identified during reconnaissance and through an independent search of the National Pipeline Mapping System

For the purposes of this report, the following are considered to be de minimis conditions:

- Transformers in normal use, unless the transformers were observed to be leaking, appear on an environmental regulatory list, or were otherwise identified to pose a hazard not related to normal use.
- Lead-based paint.
- Asbestos-Containing Material (ACM).
- Pesticides/herbicides used on farmland.
- Soil Piles.
- Radon and Biological Hazards.

Conditions listed above were considered while developing the report. However, as sites with these conditions are seen often, each site was not specifically referenced as de minimis based on these conditions alone.

Table ES-3 Summary of Sites Identified Adjacent to the Project Corridor with No Status

Site ID	Site Name	Address	Reason(s)
3	Residential Properties	Various Residences Adjacent to Project Corridor	No listings, good housekeeping noted

Table ES-4 Summary of Sites Identified Off the Project Corridor with No Status¹

Site ID	Site Name	Address	Database	Reason
---	None Identified	---	---	---

¹ Only sites identified off the Project Corridor, via the screening process, are included

NOISE STUDY SUMMARY

Luke Zeller

From: Feller, Matthew J. <Matthew.Feller@Illinois.gov>
Sent: Wednesday, January 17, 2024 2:26 PM
To: Wayne Phillips
Cc: Chery, Steve; Luke Zeller
Subject: FW: Noise Report, Kendall County - Ridge Road Phase I - 22-00168-00-EG

Wayne,

The Noise Analysis Report has been approved by BDE.

Thanks,
Matt

From: Letsky, Stephen M. <Stephen.Letsky@Illinois.gov>
Sent: Wednesday, January 17, 2024 2:17 PM
To: Feller, Matthew J. <Matthew.Feller@Illinois.gov>
Subject: FW: Noise Report, Kendall County - Ridge Road Phase I - 22-00168-00-EG

Matt, please see BDE's approval of the Noise Report in the email from Dr. Ben Sperry, below.

From: Sperry, Benjamin <Benjamin.Sperry@Illinois.gov>
Sent: Wednesday, January 17, 2024 2:14 PM
To: Letsky, Stephen M. <Stephen.Letsky@Illinois.gov>
Subject: RE: Noise Report, Kendall County - Ridge Road Phase I - 22-00168-00-EG

Steve,

IDOT-BDE concurs with the finding of this noise analysis report. Based on the preliminary design, noise impacts are present, but mitigation is not feasible or reasonable for this project. The statement of likelihood provided in the study is correct per IDOT guidelines. If the project's final design is different from the preliminary design, IDOT will determine if revisions to the traffic noise analysis are necessary. Please reach out via reply e-mail or phone (217.785.0202) if you have any questions.

Thanks,
Ben Sperry

Benjamin R. Sperry
Noise and Air Quality Specialist
Illinois Department of Transportation
Bureau of Design & Environment
2300 S. Dirksen Parkway, Room 330
Springfield, IL 62764
(217) 785-0202
benjamin.sperry@illinois.gov



11.0 CONCLUSION

This traffic noise study has been conducted to evaluate traffic noise impacts for the proposed roadway improvements to Ridge Road in Kendall County, Illinois. Traffic noise was evaluated at 14 receptor locations. The Existing 2022 noise levels range from 53 dB(A) to 69 dB(A). The projected No-Build 2050 traffic noise levels range from 56 dB(A) to 71 dB(A). Generally, receptor noise levels increase between 1 dB(A) and 3 dB(A) from the existing scenario to the 2050 No-Build scenario. Any increase in traffic noise levels is due to an increase in traffic volumes.

The projected Build 2050 traffic noise levels range from 55 dB(A) to 69 dB(A). The projected Build 2050 noise levels change from the existing scenario to the build scenario by between -1 dB(A) and 2 dB(A). The changes in noise levels are due to a combination of factors, including an increase in traffic volumes, which direction the roadway is widened, and a reduction in the speed limit along Ridge Road.

Under the proposed 2050 Build scenario, noise levels at seven receptor locations approach, meet, or exceed the FHWA NAC, and therefore warrant a noise abatement analysis. No receptors are considered impacted due to a substantial increase (15 dB(A) increase or greater) in traffic noise levels.

Seven potential noise walls were evaluated for the impacted receptors. Six of these noise walls were found to not be acoustically feasible because there is only a single impacted receptor present. Despite multiple receptors being present in some of these locations, only the single closest residence is impacted. The last barrier was found to not be acoustically feasible due to the driveway entrance to the properties along Ridge Road and Wildy Road that will remain in place in the Build scenario.

Due to this, traffic noise abatement measures are not likely to be implemented based on preliminary design. If the project's final design is different from the preliminary design, IDOT will verify if revisions to the traffic noise analysis are necessary. A final decision on noise abatement will not be made until the project's final design is approved and the public involvement processes is complete.

PUBLIC INFORMATION MEETINGS

Kendall County Highway Department Public Informational Meeting

The Kendall County Highway Department cordially invites you to attend an open house public informational meeting regarding the Study to investigate potential improvements of Ridge Road (County Highway 11) from Holt Road to Black Road.

Date: May 23 , 2022

Time: 4:30 PM to 7:00 PM

**Location: Jones Elementary School Gymnasium – Door 15
800 Barberry Way; Joliet, IL**

Purpose of the Meeting:

- Introduce the study
- Describe the project development process
- Solicit public input on transportation needs
- Provide information on additional public involvement opportunities

Exhibits will be on display and Project Team members will be present to individually discuss the study, receive your input and answer questions. This meeting will be accessible to handicapped individuals. Anyone needing special assistance should contact Wayne Phillips at (815) 773-2233 or email: ridgeroadstudy@hutchisoneng.com

All Correspondence regarding this Study should be sent to:

Hutchison Engineering Inc.

605 Rollingwood Drive

Shorewood, IL 60404

OR email:

ridgeroadstudy@hutchisoneng.com

Certificate of the Publisher

The Herald-News

Description: MEETING MAY 23
1976959

HUTCHISON ENGINEERING INC
605 ROLLINGWOOD DR
JOLIET IL 60404-0665

Shaw Media certifies that it is the publisher of The Herald-News.
The Herald-News is a secular newspaper, has been continuously published daily for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City of Joliet, County of Will, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 time(s) in The Herald-News, namely one time per week for one successive week(s). Publication of the notice was made in the newspaper, dated and published on 04/21/2022

This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Shaw Media has signed this certificate by J. Tom Shaw, its publisher, at Joliet, Illinois, on 21st day of April, A.D. 2022

Shaw Media By:



J. Tom Shaw, Publisher

Account Number 10084560

Amount \$257.48

PUBLIC NOTICE

Public Information Meeting
Scheduled by
Kendall County Highway
Department
County Highway 11
(Ridge Road) Phase I Study
The Kendall County Highway
Department cordially invites
all persons interested in the

Study to attend an Open
House Public Information
meeting concerning the
potential improvements to
County Highway 11 (Ridge
Road) from Holl Road to
Black Road on the following
date:

Date:
Monday, May 23, 2022

Time:
4:30 PM to 7:00 PM

Location:
Jones Elementary School
Gymnasium - Door 15
800 Barberry Way
Joliet, IL 60431

The purpose of this meeting is to introduce the Study, present the Study limits, explain the project development process and schedule, and obtain public comments on transportation needs. Information regarding additional public involvement opportunities will also be provided.

The meeting will be conducted in an informal, open house format. Exhibits

will be on display and representatives from the Kendall County Highway Department and their consultant, Hutchison Engineering, will be present to receive input, provide information, and answer questions.

Written comments regarding the Study may be completed at the public meeting, mailed to Hutchison Engineering, Inc. at 605 Rollingwood Drive, Shorewood, IL 60404 or emailed to rdgeroadstudy@hutchisoneng.com. To be included in the formal Public Meeting Record, comments are to be submitted no later than Tuesday June 7, 2022.

The meeting location is accessible to persons with a disability. Anyone needing special assistance should contact Wayne Phillips at (815) 773-2233 or email rdgeroadstudy@hutchisoneng.com

rdgeroadstudy@hutchisoneng.com

(Published in Herald-News and Morris Herald-News on April 21, 2022)1976959

Certificate of the Publisher

Morris Herald-News

Description: MEETING MAY 23
1976959

HUTCHISON ENGINEERING INC
605 ROLLINGWOOD DR
JOLIET IL 60404-0665

Shaw Media certifies that it is the publisher of the Morris Herald-News. The Morris Herald-News is a secular newspaper, has been continuously published daily for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City of Morris, County of Grundy, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 time(s) in the Morris Herald-News, namely one time per week for one successive week(s). Publication of the notice was made in the newspaper, dated and published on 04/21/2022

This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Shaw Media has signed this certificate by J. Tom Shaw, its publisher, at Morris, Illinois, on 21st day of April, A.D. 2022

Shaw Media By:



J. Tom Shaw, Publisher

Account Number 10084560

Amount \$257.48

PUBLIC NOTICE
Public Information Meeting
Scheduled by
Kendall County Highway
Department
County Highway 11
(Ridge Road) Phase I Study
The Kendall County Highway
Department cordially invites
all persons interested in the
Study to attend an Open
House Public Information
meeting concerning the
potential improvements to
County Highway 11 (Ridge
Road) from Hill Road to
Black Road on the following
date:
Date:
Monday, May 23, 2022
Time:
4:30 PM to 7:00 PM
Location:
Jones Elementary School
Gymnasium - Door 15
800 Barbary Way
Joliet, IL 60431
The purpose of this meeting
is to introduce the Study,
present the Study limits,
explain the project develop-
ment process and schedule,
and obtain public comments
on transportation needs.
Information regarding addi-
tional public involvement
opportunities will also be
provided.
The meeting will be
conducted in an informal,
open house format. Exhibits
will be on display and repre-
sentatives from the Kendall
County Highway Department
and their consultant,
Hutchison Engineering, will
be present to receive input,
provide information, and
answer questions.
Written comments regard-
ing the Study may be
completed at the public
meeting, mailed to
Hutchison Engineering, Inc,
at 605 Rollingwood Drive,
Shorewood, IL 60404 or
emailed to rdgeroadstudy@hutchisoneng.com. To be
included in the formal Public
Meeting Record, comments
are to be submitted no later
than Tuesday June 7, 2022.
The meeting location is
accessible to persons with a
disability. Anyone needing
special assistance should
contact Wayne Phillips at
(815) 773-2233 or email
rdgeroadstudy@hutchisoneng.com
(Published in Herald-News
and Morris Herald-News on
April 21, 2022) 1976959

Certificate of the Publisher

Morris Herald-News

Description: MEETING MAY 23
1979957

HUTCHISON ENGINEERING INC
605 ROLLINGWOOD DR
JOLIET IL 60404-0665

Shaw Media certifies that it is the publisher of the Morris Herald-News. The Morris Herald-News is a secular newspaper, has been continuously published daily for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City of Morris, County of Grundy, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 time(s) in the Morris Herald-News, namely one time per week for one successive week(s). Publication of the notice was made in the newspaper, dated and published on 05/05/2022

This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Shaw Media has signed this certificate by J. Tom Shaw, its publisher, at Morris, Illinois, on 5th day of May, A.D. 2022

Shaw Media By:



J. Tom Shaw, Publisher

Account Number 10084560

Amount \$257.48

PUBLIC NOTICE
 Public Information Meeting
 Scheduled by
 Kendall County Highway
 Department
 County Highway 11
 (Ridge Road) Phase I Study
 The Kendall County Highway
 Department cordially invites
 all persons interested in the
 Study to attend an Open
 House Public Information
 meeting concerning the
 potential improvements to
 County Highway 11 (Ridge
 Road) from Hill Road to
 Black Road on the following
 date:
Date:
 Monday, May 23, 2022
Time:
 4:30 PM to 7:00 PM
Location:
 Jones Elementary School
 Gymnasium - Door 15
 800 Barberry Way
 Joliet, IL 60431
 The purpose of this meeting
 is to introduce the Study,
 present the Study limits,
 explain the project develop-
 ment process and schedule,
 and obtain public comments
 on transportation needs.
 Information regarding addi-
 tional public involvement
 opportunities will also be
 provided.
 The meeting will be
 conducted in an informal,
 open house format. Exhibits
 will be on display and repre-
 sentatives from the Kendall
 County Highway Department
 and their consultant,
 Hutchison Engineering, will
 be present to receive input,
 provide information, and
 answer questions.
 Written comments regard-
 ing the Study may be
 completed at the public
 meeting, mailed to
 Hutchison Engineering, Inc.
 at 605 Rollingwood Drive,
 Shorewood, IL 60404 or
 emailed to ridgeroadstudy@hutchisoneng.com. To be
 included in the formal Public
 Meeting Record, comments
 are to be submitted no later
 than Tuesday June 7, 2022.
 The meeting location is
 accessible to persons with a
 disability. Anyone needing
 special assistance should
 contact Wayne Phillips at
 (815) 773-2233 or email
ridgeroadstudy@hutchisoneng.com
 (Published in Herald-News
 and Morris Herald-News on
 May 5, 2022)1979957

Certificate of the Publisher

The Herald-News

Description: MEETING MAY 23
1979957

HUTCHISON ENGINEERING INC
605 ROLLINGWOOD DR
JOLIET IL 60404-0665

Shaw Media certifies that it is the publisher of The Herald-News. The Herald-News is a secular newspaper, has been continuously published daily for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City of Joliet, County of Will, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 time(s) in The Herald-News, namely one time per week for one successive week(s). Publication of the notice was made in the newspaper, dated and published on 05/05/2022

This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Shaw Media has signed this certificate by J. Tom Shaw, its publisher, at Joliet, Illinois, on 5th day of May, A.D. 2022

Shaw Media By:



J. Tom Shaw, Publisher

Account Number 10084560

Amount \$257.48

PUBLIC NOTICE

Public Information Meeting
Scheduled by
Kendall County Highway
Department
County Highway 11
(Ridge Road) Phase I Study
The Kendall County Highway
Department cordially invites
all persons interested in the
Study to attend an Open
House Public Information
meeting concerning the
potential improvements to
County Highway 11 (Ridge
Road) from Holt Road to
Black Road on the following
date:

Date:
Monday, May 23, 2022

Time:
4:30 PM to 7:00 PM

Location:
Jones Elementary School
Gymnasium - Door 15
800 Barbary Way
Joliet, IL 60431

The purpose of this meeting is to introduce the Study, present the Study limits, explain the project development process and schedule, and obtain public comments on transportation needs. Information regarding additional public involvement opportunities will also be provided.

The meeting will be conducted in an informal, open house format. Exhibits will be on display and representatives from the Kendall County Highway Department and their consultant, Hutchison Engineering, will be present to receive input, provide information, and answer questions.

Written comments regarding the Study may be completed at the public meeting, mailed to Hutchison Engineering, Inc. at 605 Rollingwood Drive, Shorewood, IL 60404 or emailed to ridgeroadstudy@hutchisoneng.com. To be

Included in the formal Public Meeting Record, comments are to be submitted no later than Tuesday June 7, 2022.

The meeting location is accessible to persons with a disability. Anyone needing special assistance should contact Wayne Phillips at (815) 773-2233 or email ridgeroadstudy@hutchisoneng.com.

(Published in Herald-News and Morris Herald-News on May 5, 2022)1979957



KENDALL COUNTY HIGHWAY DEPARTMENT
Francis C. Klaas, P.E. Kendall County Engineer

6780 Route 47, Yorkville, IL 60560 (630) 553-7616 fklaas@co.kendall.il.us

April 20, 2022

RE: County Highway 11 (Ridge Road) Phase I Study: Holt Road to Black Road

To The

Attached for your information is a copy of the public notice for the May 23, 2022 Public Information Meeting regarding the preliminary engineering study to investigate potential improvements to County Highway 11 (Ridge Road) from Holt Road to Black Road in Kendall County. This study will follow the National Environmental Policy Act process. The notice will be published in local newspapers, released to other local media and mailed to property owners and public service providers along the project.

Past experience has shown this type of meeting to be beneficial to citizens and public officials. If your schedule permits, we welcome your attendance. Please contact me at (630) 553-7616 if you have any questions or need further information.

Thank you for your continued support of roadway improvements.

Sincerely,

A handwritten signature in black ink that reads "Francis C. Klaas".

Francis C. Klaas, P.E.
Kendall County Engineer

Enc.

List A

NAME	Type	Title	LOCATION
Bob O'Dekirk	A	Mayor	Joliet
Ric Offerman	A	Village President	Minooka
Clarence C. DeBold	A	Mayor	Shorewood
David A Welter	A	IL State Representative	IL House District 75
Mark Batinick	A	IL State Representative	IL House District 97
Sue Rezin	A	IL State Senator	IL Senate District 38
Meg Loughran Cappel	A	IL State Senator	IL Senate District 49
Richard Durbin	A	US Senator	Illinois
Tammy Duckworth	A	US Senator	Illinois
Lauren Underwood	A	Member of Congress	US 14th Congressional District of IL



KENDALL COUNTY HIGHWAY DEPARTMENT
Francis C. Klaas, P.E. Kendall County Engineer

6780 Route 47, Yorkville, IL 60560 (630) 553-7616 fklaas@co.kendall.il.us

April 20, 2022

RE: County Highway 11 (Ridge Road) Phase I Study: Holt Road to Black Road

Dear

The Kendall County Highway Department cordially invites you to attend an Open House Public Information Meeting regarding the Study to investigate potential improvements to Ridge Road from Holt Road to Black Road. This initial public informational meeting is scheduled for the following date:

Date: Monday, May 23, 2022
Time: 4:30 PM to 7:00 PM
Location: Jones Elementary School Gymnasium – Door 15
800 Barberry Way
Joliet, IL 60431

This study will follow the National Environmental Protection Act guidelines. The purpose of the Public Information Meeting is to introduce the study to all potential stakeholders, present the proposed Study limits, explain the project development process and schedule, and obtain public comments on transportation needs. We will also provide information on additional public involvement opportunities.

The meeting will be conducted in an informal, open house format. Exhibits will be on display and representatives from the Kendall County Highway Department and our consultant, Hutchison Engineering, will be present to receive input, provide information, and answer questions. If your schedule permits, we welcome your attendance.

If you have any questions or need further information, please contact me, at (630) 553-7616.

Sincerely,

A handwritten signature in black ink, appearing to read "Francis C. Klaas".

Francis C. Klaas, P.E.
Kendall County Engineer

Enc.

List B

NAME	Type	Title	LOCATION
Scott Cryder	B	Seward Twp Highway Commissioner	Kendall County
Greg Ruddy	B	Public Works Director	Joliet
Ryan Anderson	B	Superintendent of Public Works	Minooka
Michael Short	B	Program Development Engineer	IDOT - District 3
Noriel Noriega	B	Public Works Director	Shorewood

**Kendall County Highway Department
Public Information Meeting
County Highway 11 (Ridge Road) Phase I Study**

The Kendall County Highway Department cordially invites all persons interested in the Study to investigate potential improvements to Ridge Road from Holt Road to Black Road, to attend an Open House Public Information Meeting.

Date: Monday, May 23, 2022
Time: 4:30 PM to 7:00 PM
Location: Jones Elementary School Gymnasium
800 Barberry Way
Joliet, IL 60431

The purpose of this meeting is to introduce the Study, present the Study limits, explain the project development process and schedule, and obtain public comments on transportation needs. Information regarding additional public involvement opportunities will also be provided.

The meeting will be conducted in an informal, open house format. Exhibits will be on display and representatives from the Kendall County Highway Department and their consultant; Hutchison Engineering will be present to receive input, provide information, and answer questions.

Written comments regarding the Study may be completed at the public meeting, mailed to Hutchison Engineering, Inc. 605 Rollingwood Drive; Shorewood, IL 60404 or emailed to ridgeroadstudy@hutchisoneng.com. To be included in the formal Public Meeting Record, comments are to be submitted no later than Tuesday June 7, 2022.

The meeting location is accessible to persons with a disability. Anyone needing special assistance should contact Wayne Phillips at (815) 773-2233 or email ridgeroadstudy@hutchisoneng.com

List C (Names)

NAME	Type
Adam & Amber Stambaugh	C
Alex Meza	C
Andrew R. Chearo	C
Ann R. & Timothy J. Jevitz Jr.	C
Brennan R. Ragon & Ariel J File	C
Carlos & Tracy Davis	C
Charles D. Sharp	C
Chicago Title Land Trust Co. Trust No. 8002364203	C
Christopher James & Tracy Kay Frana	C
Daniel B. Light	C
Ridge Bell LLC David McMurtry, LLC	C
DGA Investments LLC - Coyne Farm	C
Elvia & Noel Mendoza	C
Eric R & Renee S. Palmer	C
First Midwest Bank Trust Russel Khater Trust	C
First Midwest Bank Khater Family LLC - Trust No. 72-11490	C
Frank E. Ambrose	C
Greg A. Vincitorio	C
Henry B. & Pamela Cryder	C
Hunters Ridge Community Association, LLC Pathway Property Management	C
Inverclyde LLC.	C

NAME	Type
Jacob A. Baker & Ally E Wold	C
Jade Restorations Inc.	C
Jason Jeffrey Garcia	C
Jennifer L Boyd	C
Jeremy & Valerie Flukerson	C
Joseph Scott & Amanda Kathleen Karcz	C
JSRMP Properties LLC Series 1 Ridge Road Farm	C
Karen A. Maclean	C
Kay Jay Farms LLC Robert Jr. & Toni Dhuse	C
Kenneth A Cargle	C
Kovacevich Brothers LLC	C
Lindsey Doczyk & Nicholas Moretti	C
Michael J & Jamie N Stevenson	C
Mark Hakey	C
Mars Farms II LLC	C
Michael & Ellen M Avery	C
Minooka AG Holdings LLC Dennis P. Martin	C
Patrick & Judity Tierney	C
Peter G. Rousonelos Family Limited Partnership	C
RENE LLC James P Rousonelos	C
Richard & Laura Undesser Trust	C

List C (Names)

NAME	Type
Richard S. Kovacevich Trust	C
Robert & Carol Lundquist	C
Robert J Rossi	C
Rock Garden Supply LLC.	C
Ronald J Orloff LLC	C
Ronald J Orloff LLC & William C Wunderlich Trust	C
Stephen E. Geiss	C
Summerfield Community Assoc	C
Terri L Kaufman	C
Thomas W & Hilda J Holbrook Trust	C
Troy R. & Michael Feece	C
William & Pamela Kunke	C
William C. Wunderlich Family Trust	C
Justin Meyer Chief of Police	C
Al Yancey Fire Chief	C
Minooka Community High School District #111 Dr. Kenneth Lee, Superintendent	C
Minooka CCSD #201 Dr. Kris Monn, Superintendent	C
Joliet Police Department - West Sub Station	C
Joliet Fire Department	C
Steve Chery, P.E. Local Road and Streets Engineer	C
Russel Pietrowiak CMAP	C

NAME	Type
Melissa Davison Postmaster - Minooka	C
Natasha Wesley Postmaster - Joliet	C



County Highway 11 (Ridge Road)

Holt Road to Black Road

Kendall County

Public Informational Meeting #1 Summary

The first Public Informational Meeting for the CH 11 (Ridge Road) Phase I Study between Holt Road and Black Road was held on Monday, May 23, 2022 at Jones Elementary School, 800 Barberry Way; Joliet, IL from 4:30 to 7:00 PM. The meeting was an open house format with exhibit boards and large scale aerial exhibits showing existing conditions. The purpose of the meeting was to introduce the study, describe the project development process, solicit input on transportation needs and provide information on additional public involvement opportunities.

The meeting was attended by 21 people. Two comment forms and four emails containing comments were received. The sign-in sheets and written comments are attached. There was no organized opposition to the project.

Public officials in attendance included:

- Greg Ruddy, Director of Public Works, City of Joliet
- Russ Lubash, Traffic Engineer, City of Joliet
- Ryan Anderson, Superintendent of Public Works, Village of Minooka
- Aaron Klima, Village Administrator, Village of Shorewood
- Clarence Debold, Mayor, Village of Shorewood
- Steve Chery, LR&S Engineer, Illinois Department of Transportation, District 3

The comments submitted (both written and shared verbally) covered a variety of topics, including:

- Multiple accidents and "close calls" along the entire route, mainly turning movements in and out of private drives
- Representative from the Village of Shorewood shared the future extension of Mound Road from County Line Road to Ridge Road. Future intersection would be located between Wildy Road and Bell Road.
- Numerous concerns from the property owners along Ridge Road ranging from loss of property (front yards, trees, closeness to their houses), increase noise and traffic
- Flooding of the property west of Ridge Road – north and south of Bell Road

The comment period remained open through June 13, 2022. Comments can always be addressed to ridgeroadstudy@hutchisoneng.com

CH 11 (RIDGE ROAD) PUBLIC MEETING

23-May-22

NAME, ORGANIZATION	ADDRESS	CITY, STATE, ZIP	EMAIL	ADD TO MAILING LIST
Mike Stevenson				Yes
Bill + Pam Kunkle				Yes
Marcia Ronson				Yes
TERRI KAUFMAN				yes
Josie Bell				Yes
Phil Offerman				not sure
Ann Anderson				ann@ann.com Yes
Carol + Bob Lundquist				iz yes
Greg Ruddy				yes
HILDA HOLBROOK				yes

CH 11 (RIDGE ROAD) PUBLIC MEETING

23-May-22

NAME, ORGANIZATION	ADDRESS	CITY, STATE, ZIP	EMAIL	ADD TO MAILING LIST
Pat & Judy Turney				
KOVACEVICH BROS				
STEVE CHERY, IDOT D3				
AARON KLIMA, SHOREWOOD				
Megann Horstead, WEST NEWS				
(C. DeSoli), SHOREWOOD				
RUSS LURISH, CITY OF JOLIET				
Rick Underseer				

Wayne Phillips

To: Ryan Anderson
Cc: Ridger Road Study
Subject: RE: Ridge Road improvement comments

Ryan Anderson,

Thank you for your sharing your concerns and for your support of this needed project.

We agree that there will be challenges ahead for our design team, as we try to balance the needs of the traveling public and safety, with the impacts to existing landowners. We will keep all these things you mentioned in mind as we move forward with developing a plan for this corridor.

Again, we appreciate your comments and encourage you to stay engaged with the process. Suggestions can always be addressed to ridgeroadstudy@hutchisoneng.com

Sincerely,

Wayne L. Phillips, P.E.

Project Manager – Ridge Road Phase I Study

From: Ryan Anderson <ryan.anderson@minooka.com>
Sent: Tuesday, May 24, 2022 8:55 AM
To: Ridger Road Study <ridgeroadstudy@hutchisoneng.com>
Subject: Ridge Road improvement comments

Hello,

The Village of Minooka is pleased to hear about the Ridge Road widening.

I personally am in support of the project and hope you can include (if not all of) the features of the WIKADUKE Trail and Land Use and Access Management Study, at least several of them such as; street lighting, gateway plantings, street trees, and multiuse paths along the corridor.

Let us know if we can assist in any way.

Thank you,

Ryan Anderson
Superintendent of Public Works | Village of Minooka
815-467-8868 ext. 2303 | 815-467-8868 fax

Wayne Phillips

From: Fran Klaas <FKlaas@kendallcountyil.gov>
Sent: Friday, May 27, 2022 7:25 AM
To: bob westlund.biz
Cc: Ridger Road Study
Subject: RE: [External]Ridge Road Project

Thank you for the feedback, Bob & Carol

I agree that there will be challenges ahead for our design team, as we try to balance the needs of the traveling public and safety, with the impacts to existing landowners. We will keep all these things you mentioned in mind as we move forward with developing a plan for this corridor.

Again, I appreciate your comments; and encourage you to stay engaged with the process.

*** Please note my new email address: fklaas@kendallcountyil.gov ***

Francis C Klaas, P.E. Kendall County Engineer 6780 Route 47, Yorkville, IL 60560 (630) 553-7616 fklaas@kendallcountyil.gov

From:
Sent: Thursday, May 26, 2022 9:54 PM
To: Fran Klaas <FKlaas@kendallcountyil.gov>
Cc: ridgeroadstudy@hutchisoneng.com
Subject: [External]Ridge Road Project

CAUTION - This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. Klaas,

We appreciate the information that was available to us on the Monday, May 23rd meeting. We know your job is difficult, and you will not be able to please all involved. We have discussed our property situation considerably since then.

We have experienced multiple accidents very close to our house on Ridge Road in the last couple years and believe we are already too close to the road. I'm certain that is only going to get worse as time goes on. Because we have spent the last three years rehabbing our 170-year-old farmhouse, and now have it close to how we like it, we feel that the best option for us is to relocate the house on the existing property.

Should you be able to provide the funds necessary to move the house to a new location on this property with a new foundation and reconnect all the utilities, we would have no issues with allowing you to purchase whatever easement you require for the road expansion. We would ask that you provide us with a wide enough entrance for large trucks to enter the property from either northbound or southbound from ridge road. If possible, I would appreciate it if you could eliminate the ditch since I feel I'm risking my life every time I mow the grass.

If relocation is not possible, we would consider an outright purchase of the structure and would build a new house somewhere on the property.

Thanks for your time. We know your job is hard, and we appreciate your consideration.



Wayne Phillips

From: Luke Zeller
Sent: Tuesday, June 14, 2022 8:19 AM
To: Wayne Phillips
Subject: FW: [External]Phase 1 Study Ridge Rd Expansion- Property at 16929 N Ridge Rd

-----Original Message-----

From: Fran Klaas <FKlaas@kendallcountyil.gov>
Sent: Friday, June 10, 2022 8:15 AM
To: Luke Zeller <lzeller@hutchisoneng.com>
Subject: FW: [External]Phase 1 Study Ridge Rd Expansion- Property at 16929 N Ridge Rd

This is email I sent yesterday.

*** Please note my new email address: fklaas@kendallcountyil.gov ***

Francis C. Klaas, P.E. Kendall County Engineer 6780 Route 47, Yorkville, IL 60560 (630) 553-7616
fklaas@kendallcountyil.gov

-----Original Message-----

From: Fran Klaas
Sent: Thursday, June 9, 2022 8:11 AM
To:
Cc: ridgeroadstudy@hutchison.com
Subject: RE: [External]Phase 1 Study Ridge Rd Expansion- Property at 16929 N Ridge Rd

Eric,

Thank you for your detailed input regarding this project and the effect it may have on your property. We are very early in the process of making a road improvement. Our Phase I Engineering study will look at many of the issues that you bring up below, as we try to balance the impacts to adjoining landowners with the need for mobility and safety of the traveling public. Rest assured that any future acquisition of parts of your property would be fully analyzed by State-Certified Appraisers, and just compensation would be offered as part of that process.

Thanks again for your input. I would invite you to stay engaged in the process, as we try to determine the best location and footprint for the proposed improvement.

*** Please note my new email address: fklaas@kendallcountyil.gov ***

Francis C. Klaas, P.E. Kendall County Engineer 6780 Route 47, Yorkville, IL 60560 (630) 553-7616
fklaas@kendallcountyil.gov

-----Original Message-----

From:

Sent: Wednesday, June 8, 2022 6:26 PM

To: Fran Klaas <FKlaas@kendallcountyil.gov>

Cc: ridgeroadstudy@hutchison.com

Subject: [External]Phase 1 Study Ridge Rd Expansion- Property at 16929 N Ridge Rd

CAUTION - This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

I am the owner of the property at 16929 N Ridge Rd and I was informed of the Public meeting held on May 23 regarding the Ridge Road expansion project.

It is my understanding you requested input from affected residents regarding the project.

According to the pamphlet provided at the meeting there is a section named Purpose and Need stating the expansion is necessary to support daily traffic of 11,300 vehicles daily up to 20,500 vehicles daily by 2050.

It also states at least 20 accidents per year within the 2 lane segment of Ridge Rd that my property is located at.

I understand the stated need and I also understand the peril of accidents on this section of Ridge Rd as I have witnessed them first hand and some have actually ended up on my property from the roadway.

We also experience unreported vehicle issues with cars veering off the roadway into our property and vehicles using our driveway and open areas of our property to avoid accidents and execute u-turns etc.

My concern related to the expansion is where the new expanded road will end up relative to the location of my home and the utilities and trees on my property.

Our house at this time is 83 ft. from the edge of the existing road which I believe is as close as I would ever want to be to a major thoroughfare. One of several accidents last year occurred just in front of my house with one of the cars rolling over into my property just outside my sons bedroom. Had it not been for the trees in the way of the vehicle, it likely would have made its way to my house.

Basically my concerns are as follows:

1. Safety of my home with increased traffic flow and potential for accidents and vehicles entering my property or colliding with my home from the roadway.
2. Increased noise levels with the addition of two more lanes of traffic.
3. Loss of some of my property to the new project.
4. Loss of aesthetics relative to the existing layout and mature agriculture on my property.
5. Loss of property value due to the proximity and increase of traffic the roadway will produce near my home.
6. Where the existing utilities such as power lines and poles will be located to as they are now located near the edge of the roadway and the edge of my property.

Possible remedies to the issues would be:

1. Relocate my home to another area of my property.

2. Construct a barrier wall the length of my property to reduce noise levels and potential accidents from the road endangering my family and property. (This I see as a certain necessity regardless of where the road is positioned)

I would also like to know if there will be financial compensation given for any property consumed as a result of the expansion.

Thank you for the opportunity to provide input on the project. I look forward to hearing back from the planners on the layout of the expansion and what can be done to address my concerns.

Best Regards,



Wayne Phillips

From: Luke Zeller
Sent: Friday, May 20, 2022 8:08 AM
To: DAVID MCMURTRY; Ridger Road Study
Subject: RE: Ridge road phase 1 study
Attachments: Ridge Road Study - Meeting Board Exhibits.pdf; Ridge Road Exhibit-existing.pdf; Public Meeting #1 Brochure.pdf

Mr. McMurtry,

I have attached pdf's of the exhibits that will be on display during the meeting. I have also attached a brochure with some additional information. There is not a formal presentation at this meeting. It is more of an open house format, allowing the public to ask us questions and relay any concerns they may have within the study area that they may like to see addressed. Feel free to reach out with any questions or concerns once you review the material or anytime as we progress with the study.

Thanks,

Luke Zeller, P.E.

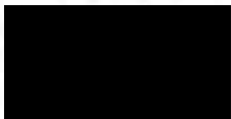
lzeller@hutchisoneng.com
605 Rollingwood Drive
Shorewood, Illinois 60404
(815) 733-6295

-----Original Message-----

From: DAVID MCMURTRY <fhdem@aol.com>
Sent: Tuesday, May 17, 2022 11:50 PM
To: Ridger Road Study <ridgeroadstudy@hutchisoneng.com>
Subject: Ridge road phase 1 study

I received your notice about the May 23 meeting. I live in Arizona. Can the exhibits be available to send out ahead of time to review? Is it possible to either tape the meeting that I can listen later or can the meeting be on Zoom so I could watch and listen live.

Thanks
Dave



COMMENT FORM

Ridge Road (County Highway 11)
Phase I Study
Kendall County

* Concerned on how close this will be to the house.
↳ Increased Traffic
↳ ~~more~~ 4 small children, pets, animals
~~more~~

Name: Mike Stevenson
Address:

Signature: ML St Date: 5-23-22

Please note your comments on this form and place in comment box or mail to the address on back of this form. You may also email your comments to: ridgeroadstudy@hutchisoneng.com
Thank you.



County Highway 11 (Ridge Road)
Holt Road to Black Road
Kendall County
ridgeroadstudy@hutchisoneng.com

Mike Stevenson

Dear Mike Stevenson,

Thank you for your sharing your concerns.

We agree that there will be challenges ahead for our design team, as we try to balance the needs of the traveling public and roadway safety, with the impacts to existing landowners. We will keep all these things you mentioned in mind as we move forward with developing a plan for this corridor.

As the preferred improvement alternative becomes more developed we will be in contact to share the preliminary proposal with you and discuss opportunities to minimize any unavoidable impacts.

Again, we appreciate your comments and encourage you to stay engaged with the process. Suggestions can always be addressed to ridgeroadstudy@hutchisoneng.com

Sincerely,

Wayne Phillips, P.E.

Project Manager – Ridge Road Phase I Study

Luke Zeller, P.E.

Project Engineer – Ridge Road Phase I Study

COMMENT FORM

Ridge Road (County Highway 11)
Phase I Study
Kendall County

I would like the road to curve over to the East & not take any of my yard.

I also want to move so a buy out is also possible.

Name: Terri Kraefman

Address:

Signature: Terri L. Kraefman Date: 5-23-22

Please note your comments on this form and place in comment box or mail to the address on back of this form. You may also email your comments to: ridgeroadstudy@hutchisoneng.com

Thank you.



County Highway 11 (Ridge Road)
Holt Road to Black Road
Kendall County
ridgeroadstudy@hutchisoneng.com

Terri Kaufman

Dear Terri Kaufman,

Thank you for your sharing your concerns.

We agree that there will be challenges ahead for our design team, as we try to balance the needs of the traveling public and safety, with the impacts to existing landowners. As the improvement is developed the focus will include avoidance or minimizing impacts to existing properties. We will keep all these things you mentioned in mind as we move forward with developing a plan for this corridor.

Any unavoidable need of land acquisition along the corridor will be fully analyzed by State-Certified Appraisers, and just compensation would be offered as part of that process.

Again, we appreciate your comments and encourage you to stay engaged with the process. Suggestions can always be addressed to ridgeroadstudy@hutchisoneng.com

Sincerely,

Wayne Phillips, P.E.

Project Manager – Ridge Road Phase I Study

Luke Zeller, P.E.

Project Engineer – Ridge Road Phase I Study

Kendall County Highway Department Public Informational Meeting

The Kendall County Highway Department cordially invites you to attend an open house public informational meeting regarding the Study to investigate potential improvements of Ridge Road (County Highway 11) from Holt Road to Black Road.

Date: November 16 , 2023

Time: 5:00 PM to 7:00 PM

**Location: Jones Elementary School Gymnasium – Door 15
800 Barberry Way; Joliet, IL**

Purpose of the Meeting:

- Present proposed improvement alternative
- Provide updates to process and schedule
- Obtain public comments

Exhibits will be on display and Project Team members will be present to individually discuss the study, receive your input and answer questions. This meeting will be accessible to handicapped individuals. Anyone needing special assistance should contact Wayne Phillips at (815) 773-2233 or email: ridgeroadstudy@hutchisoneng.com

All Correspondence regarding this Study should be sent to:

Hutchison Engineering Inc.

605 Rollingwood Drive

Shorewood, IL 60404

OR email:

ridgeroadstudy@hutchisoneng.com

Certificate of the Publisher

The Herald-News

Description: MTG KENDALL CO HWY DEPT
2115314

HUTCHISON ENGINEERING INC
605 ROLLINGWOOD DR
SHOREWOOD IL 60404

Shaw Media certifies that it is the publisher of The Herald-News. The Herald-News is a secular newspaper, has been continuously published daily for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City of Joliet, County of Will, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 2 time(s) in The Herald-News, namely one time per week for two successive week(s). Publication of the notice was made in the newspaper, dated and published on 10/14/2023 11/11/2023

This notice was also placed on a statewide public notice website as required by 5 ILCS 5/2.1.

In witness, Shaw Media has signed this certificate by J. Tom Shaw, its Publisher, at Joliet, Illinois, on 11th day of November, A.D. 2023

Shaw Media By:



J. Tom Shaw, Publisher

Account Number 10217823

Amount \$478.00

PUBLIC NOTICE

Public Information Meeting
Scheduled by Kendall
County Highway Department
County Highway 11
(Ridge Road) Phase I Study

The Kendall County Highway Department cordially invites all persons interested in the Study to attend an Open House Public Information meeting concerning the potential improvements to County Highway 11 (Ridge Road) from Holl Road to Black Road on the following date:

Date:

Thursday, November 16
Time: 5:00 PM to 7:00 PM

Location: Jones Elementary
School Gymnasium -
Door 15

800 Barbary Way
Joliet, IL 60431

The purpose of this meeting is to expound upon the Study, present the proposed improvement alternative, provide updates to the study process and schedule, present noise analysis findings, and obtain public comments.

The meeting will be conducted in an informal, open house format. Exhibits will be on display and representatives from the Kendall County Highway Department and their consultant, Hutchison Engineering, will be present to receive input, provide information, and answer questions.

Written comments regarding the Study may be completed at the public meeting, mailed to Hutchison Engineering, Inc. at 605 Rollingwood Drive, Shorewood, IL 60404 or emailed to ridgeroadstudy@hutchisoneng.com. To be included in the formal Public Meeting Record, comments are to be submitted no later than Friday, December 1st, 2023.

The meeting location is accessible to persons with a disability. Anyone needing special assistance should contact Wayne Phillips at (815) 773-2233 or email ridgeroadstudy@hutchisoneng.com.

Published in Herald-News October 14, 2023 and November 11, 2023 and Morn's Herald-News October 18, 2023 and November 1, 2023)2115314



KENDALL COUNTY HIGHWAY DEPARTMENT
Francis C. Klaas, P.E. Kendall County Engineer

6780 Route 47, Yorkville, IL 60560 (630) 553-7616 fklaas@kendallcountvil.gov

October 27th, 2023

RE: County Highway 11 (Ridge Road) Phase I Study: Holt Road to Black Road

Dear

Attached for your information is a copy of the public notice for the November, 16th Public Information Meeting regarding the preliminary engineering study to investigate potential improvements to County Highway 11 (Ridge Road) from Holt Road to Black Road in Kendall County. This Study will follow the National Environmental Protection Act guidelines. The notice will be published in local newspapers, released to other local media and mailed to property owners and public service providers along the project.

Past experience has shown this type of meeting to be beneficial to citizens and public officials. If your schedule permits, we welcome your attendance. Please contact me at (630) 553-7616 if you have any questions or need further information.

Thank you for your continued support of roadway improvements.

Sincerely,

A handwritten signature in black ink, appearing to read "Francis C. Klaas".

Francis C. Klaas, P.E.
Kendall County Engineer

Encl.

List A

NAME	Type	Title	LOCATION
Terry D'Arcy	A	Mayor	Joliet
Ric Offerman	A	Village President	Minooka
Clarence C. DeBold	A	Mayor	Shorewood
David A Welter	A	IL State Representative	IL House District 75
Harry Benton	A	IL State Representative	IL House District 97
Sue Rezin	A	IL State Senator	IL Senate District 38
Meg Loughran Cappel	A	IL State Senator	IL Senate District 49
Richard Durbin	A	US Senator	Illinois
Tammy Duckworth	A	US Senator	Illinois
Lauren Underwood	A	Member of Congress	US 14th Congressional District of IL

October 27th, 2023

RE: County Highway 11 (Ridge Road) Phase I Study: Holt Road to Black Road

Dear

The Kendall County Highway Department cordially invites you attend an Open House Public Information Meeting regarding the Study to investigate potential improvements to Ridge Road from Holt Road to Black Road. This public informational meeting is scheduled for the following date:

Date: Thursday, November 16th
Time: 5:00 PM to 7:00 PM
Location: Jones Elementary School Gymnasium – Door 15
800 Barberry Way
Joliet, IL 60431

This study is following the National Environmental Protection Act guidelines. The purpose of the Public Information Meeting is to expound upon the Study, present the proposed improvement alternative, provide updates to the study process and schedule, present noise analysis findings, and obtain public comments.

The meeting will be conducted in an informal, open house format. Exhibits will be on display and representatives from the Kendall County Highway Department and our consultant; Hutchison Engineering, will be present to receive input, provide information, and answer questions. If your schedule permits, we welcome your attendance.

If you have any questions or need further information, please contact Wayne Phillips at Hutchison Engineering, at 815-773-2233 or ridgeroadstudy@hutchisoneng.com.

Sincerely,

Francis C. Klaas, P.E.
Kendall County Engineer

Encl.

List B

NAME	Type	Title	LOCATION
Scott Cryder	B	Seward Twp Highway Commissioner	Kendall County
Greg Ruddy	B	Public Works Director	Joliet
Ryan Anderson	B	Superintendent of Public Works	Minooka
Michael Short	B	Program Development Engineer	IDOT - District 3
Noriel Noriega	B	Public Works Director	Shorewood
Justin Meyer Chief of Police	B		
Al Yancey Fire Chief	B		
Minooka Community High School District #111 Dr. Kenneth Lee, Superintendent	B		
Minooka CCSD #201 Dr. Kris Monn, Superintendent	B		
Joliet Police Department - West Sub Station	B		
Joliet Fire Department	B		
Steve Chery, P.E. Local Road and Streets Engineer	B		
Russel Pietrowiak CMAP	B		
Melissa Davison Postmaster - Minooka	B		
Natasha Wesley Postmaster - Joliet	B		

County Highway 11 (Ridge Road)

October 27th, 2023

Dear

The purpose of this letter is to notify you that Kendall County Highway Department is presently in the preliminary engineering phase of a study of the improvement of County Highway 11 (Ridge Road) from Holt Road to Black Road and has scheduled an open house public informational meeting at the following date:

Date: Thursday, November 16th
Time: 5:00 PM to 7:00 PM
Location: Jones Elementary School Gymnasium – Door 15
800 Barberry Way
Joliet, IL 60431

Project staff will be available during that time period to explain the improvement proposals and receive input and comments. This project is tentatively scheduled for construction in 2026.

It is the policy of the Illinois Department of Transportation (IDOT) and Kendall County Highway Department to provide the public an opportunity to become acquainted with highway proposals of potential concern to them and to provide an opportunity for their input.

The proposed improvement generally consists of reconstruction and widening of Ridge Road in order to provide additional travel lanes in both directions.

I hope you can attend this public meeting so we may hear and respond to any thoughts or questions you may have. However, if you are unable to attend, you can indicate your comments, if any, on the enclosed comment form. You may also request further discussions with us, either via the telephone or a personal meeting. Please indicate the appropriate response and return one copy to us in the enclosed self-addressed envelope or submit your response at the November 16th meeting.

If you have any questions, please contact Wayne Phillips at Hutchison Engineering, at 815-773-2233 or ridgeroadstudy@hutchisoneng.com.

Very truly yours,

Francis C. Klaas, P.E.
Kendall County Engineer

County Highway 11 (Ridge Road)

October 27th, 2023

Dear

The purpose of this letter is to notify you that Kendall County Highway Department is presently in the preliminary engineering phase of a study of the improvement of County Highway 11 (Ridge Road) from Holt Road to Black Road and has scheduled an open house public informational meeting at the following date:

Date: Thursday, November 16th
Time: 5:00 PM to 7:00 PM
Location: Jones Elementary School Gymnasium – Door 15
800 Barberry Way
Joliet, IL 60431

Project staff will be available during that time period to explain the improvement proposals and receive input and comments. This project is tentatively scheduled for construction in 2024.

It is the policy of the Illinois Department of Transportation (IDOT) and Kankakee County Highway Department to provide the public an opportunity to become acquainted with highway proposals of potential concern to them and to provide an opportunity for their input.

The proposed improvement generally consists of reconstruction and widening of Ridge Road in order to provide additional travel lanes in both directions.

I hope you can attend this public meeting so we may hear and respond to any thoughts or questions you may have. However, if you are unable to attend, you can indicate your comments, if any, on the enclosed comment form. You may also request further discussions with us, either via the telephone or a personal meeting. Please indicate the appropriate response and return one copy to us in the enclosed self-addressed envelope or submit your response at the November 16th meeting. If no response is received within 21 days, it will be construed as a "no comment" response.

Upon completion of our study, a report will be prepared describing the proposed work and submitted to IDOT for approval. After approval is received, we will proceed with the plan preparation and land acquisition phase. In that phase, a representative of the Kendall County Highway Department will contact you regarding any necessary acquisition.

Please note that your response or lack thereof will in no way influence the amount of compensation you will receive for your property if acquired as part of the project.

If you have any questions, please contact Wayne Phillips at Hutchison Engineering, at 815-773-2233 or ridgeroadstudy@hutchisoneng.com.

Very truly yours,

Francis C. Klaas, P.E.
Kendall County Engineer

List C (Names)

NAME	Type
Alex Meza	C1
Andrew R. Chearo	C1
Ann R. & Timothy J. Jevitz Jr.	C1
Brennan R. Ragon & Ariel J File	C1
Charles D. Sharp	C1
Christopher James & Tracy Kay Frana	C1
Elvia & Noel Mendoza	C1
Greg A. Vincitorio	C1
Henry B. & Pamela Cryder	C1
Inverclyde LLC.	C1
Jacob A. Baker & Ally E Wold	C1
Jason Jeffrey Garcia	C1
Jennifer L Boyd	C1
Jeremy & Valerie Flukerson	C1
Joseph Scott & Amanda Kathleen Karcz	C1
Karen A. Maclean	C1
Kenneth A Cargle	C1
Lindsey Doczyk & Nicholas Moretti	C1
Mark Hakey	C1
Ronald J Orloff LLC & William C Wunderlich Trust	C1
Stephen E. Geiss	C1
Summerfield Community Assoc	C1
Terri L Kaufman	C1
William & Pamela Kunke	C1
William C. Wunderlich Family Trust	C1

NAME	Type
Adam & Amber Stambaugh	C2
Carlos & Tracy Davis	C2
Chicago Title Land Trust Co. Trust No. 8002364203	C2
Daniel B. Light	C2
Ridge Bell LLC David McMurtry, LLC	C2
DGA Investments LLC - Coyne Farm	C2
Eric R & Renee S. Palmer	C2
First Midwest Bank Trust Russel Khater Trust	C2
First Midwest Bank Khater Family LLC - Trust No. 72-11490	C2
Frank E. Ambrose	C2
Hunters Ridge Community Association, LLC Pathway Property Management	C2
Jade Restorations Inc.	C2
JSRMP Properties LLC Series 1 Ridge Road Farm	C2
Kay Jay Farms LLC Robert Jr. & Toni Dhuse	C2
Kovacevich Brothers LLC	C2
Michael J & Jamie N Stevenson	C2

List C (Names)

NAME	Type
Mars Farms II LLC	C2
Michael & Ellen M Avery	C2
Minooka AG Holdings LLC Dennis P. Martin	C2
Patrick & Judith Tierney	C2
Peter G. Rousonelos Family Limited Partnership	C2
RENE LLC James P Rousonelos	C2
Richard & Laura Undesser Trust	C2
Richard S. Kovacevich Trust	C2
Robert & Carol Lundquist	C2
Robert J Rossi	C2
Rock Garden Supply LLC.	C2
Ronald J Orloff LLC	C2
Thomas W & Hilda J Holbrook Trust	C2
Troy R. & Michael Feece	C2

NAME	Type
------	------



County Highway 11 (Ridge Road)

Holt Road to Black Road

Kendall County

Public Informational Meeting #2 Summary

The second Public Informational Meeting for the CH 11 (Ridge Road) Phase I Study between Holt Road and Black Road was held on Thursday, November 16, 2023 at Jones Elementary School, 800 Barberry Way; Joliet, IL from 5:00 to 7:00 PM. The meeting was an open house format with exhibit boards and large scale aerial exhibits showing the preferred improvement alternative. The purpose of the meeting was to present the Purpose and Need for the improvement, discuss the findings of the engineering and environmental studies, present the preferred improvement alternative and solicit public input.

The meeting was attended by 24 people. Three comment forms and one email and one telephone call were received. The sign-in sheets, email, phone call document and written comments are attached. There was no organized opposition to the project.

Public officials in attendance included:

- Noriel Noriega, Director of Public Works, Village of Shorewood
- Russ Lubash, Traffic Engineer, City of Joliet
- Ryan Anderson, Superintendent of Public Works, Village of Minooka
- Ric Offerman, Mayor/ Village President, Village of Minooka
- Aaron Klima, Village Administrator, Village of Shorewood
- Clarence Debold, Mayor, Village of Shorewood
- Nathan Lowden, Police Officer, City of Joliet
- Sean Mikos, Deputy Director of Public Works, City of Joliet
- Steve Chery, LR&S Engineer, Illinois Department of Transportation, District 3

The comments submitted (both written and shared verbally) covered a variety of topics, including:

- Representative from the Village of Shorewood shared the future extension of Mound Road from County Line Road to Ridge Road. Future intersection would be located between Wildy Road and Bell Road.
- Numerous concerns from the property owners along Ridge Road ranging from loss of property (front yards, trees, closeness to their houses), access to their property.

The comment period remained open through December 1, 2023. Comments can always be addressed to ridgeroadstudy@hutchisoneng.com

Name	Title	Phone Number	Email Address
NORIA NORIEGA	Public Works Director		
Richard Undesser	Property owner		
CARLOS Tracy Davis	land owner		
Pam & Bill Kunkle	land owner		
* FRANK AMBROSE	Land owner		
LAURA UNDESSER	Property owner		
Mr. Anderson	MINNAPPA PUBLIC WORKS		
Rigo Offerman	Minooka Mayor		
Pat & Judy Tierney	owner		
CLARENCE DEBOLD	Vic. of Shorewood Mayor		
AARON KLIMA	SHOREWOOD		
Bob + Carol Lundquist	Property owner		
STEVE CHERY	IDOT		
RUSS LUBASH	CITY OF JOLIET		
DAV KOVACEVICH	LAND OWNER		
ofc. Lowden	City of Joliet		
Kerstin Muehl	LAND OWNER		
Marcia Rousoneles	landowner		
Audra Rousoneles	Land owner		
SEAN MIKOL	CITY OF JOLIET		

f

7

COMMENT FORM

Ridge Road (County Highway 11)

Phase I Study

Kendall County

1. Please maintain access to our property from the Northbound direction.
2. Note: We currently have a treed berm as sound, sight protection along Ridge Rd. This significantly increases our property value as well as protects our property.

There is a well ~~head~~ hydrant near the proposed property line.

There is a septic field in front yard to be aware of.

School bus shed in front yard will be beyond property line.

Thank you,

Name: Richard & Laura Undesser

Address: _____

Signature: 

Date: 11/16/2023

Please note your comments on this form and place in comment box or mail by December 1st, 2023 to the address on back of this form. You may also email your comments to:

ridgeroadstudy@hutchisoneng.com Thank you.



County Highway 11 (Ridge Road)
Holt Road to Black Road
Kendall County
ridgeroadstudy@hutchisoneng.com

Richard and Laura Undesser
13916 Ridge Road
Minooka, IL 60447

Dear Mr. and Mrs. Undesser,

Thank you for sharing your concerns and they are noted.

Our design team did their best to balance the needs of the traveling public and roadway safety, with the impacts to existing landowners. Unfortunately, not all impacts were able to be avoided.

Again, we appreciate your comments and encourage you to stay engaged with the process. Suggestions can always be addressed to ridgeroadstudy@hutchisoneng.com

Sincerely,

Wayne Phillips, P.E.

Project Manager – Ridge Road Phase I Study

Luke Zeller, P.E.

Project Engineer – Ridge Road Phase I Study

COMMENT FORM

Ridge Road (County Highway 11)
Phase I Study
Kendall County

My wife and I have spent considerable time considering how the widening of Ridge Road will impact us. We have spent four years rehabbing this house and for that reason would like to try to move it farther back on the property. If moving it is not practical, we would like to build a new house on the property. Because of this, we would like the county to buy the house leaving us the option to demo or move it.

Our other concern is the entrance to the property. We would like to be able to access our driveway while going north or south on Ridge Road. Also to be able to leave and go north or south on Ridge Road.

We would also ask that our fence be moved back as necessary to our side of the bike path.

The ditch has always been a problem for us to maintain in the summer. It is difficult to mow and if it could be eliminated that would be a real plus for us.

Thanks for your consideration : Bob and Carol Lundquist

Name: _____

Address: _____

Signature: Robert Lundquist Date: 11/16/23

Please note your comments on this form and place in comment box or mail to the address on back of this form. You may also email your comments to: ridgeroadstudy@hutchisoneng.com

Thank you.



County Highway 11 (Ridge Road)
Holt Road to Black Road
Kendall County
ridgeroadstudy@hutchisoneng.com

Bob and Carol Lundquist
16801 N Ridge Road
Minooka, IL 60447

Dear Mr. and Mrs. Lundquist,

Thank you for sharing your concerns and they are noted.

Our design team did their best to balance the needs of the traveling public and roadway safety, while minimizing the impacts to existing landowners. Unfortunately, not all impacts were able to be avoided.

Again, we appreciate your comments and encourage you to stay engaged with the process. Suggestions can always be addressed to ridgeroadstudy@hutchisoneng.com

Sincerely,

Wayne Phillips, P.E.

Project Manager – Ridge Road Phase I Study

Luke Zeller, P.E.

Project Engineer – Ridge Road Phase I Study

COMMENT FORM

Ridge Road (County Highway 11)

Phase I Study

Kendall County

1. I did not get this form in the mail.
Neighbor gave me this photocopy.
2. 60 feet off center line will take out my noise buffering bushes.
3. Flared driveway entry will be destroyed.
Replace?
4. Water runs south in ditch to ~~whistle~~ ^{whistle} under
driveway entry to empty into field drainage under
bridge. Three to four feet deep at exit from
whistle near bridge.
5. Why the small offset in road at my property

Name: FRANK AMBROSE

Address:

Signature: Frank Ambrose Date: 11-8-23

Please note your comments on this form and place in comment box or mail to the address on back of this form. You may also email your comments to: ridgeroadstudy@hutchisoneng.com

Thank you.



County Highway 11 (Ridge Road)
Holt Road to Black Road
Kendall County
ridgeroadstudy@hutchisoneng.com

Mr. Frank Ambrose
15810 Ridge Road
Minooka, IL 60447

Dear Mr. Ambrose,

Thank you for sharing your concerns and they are noted.

Our design team did their best to balance the needs of the traveling public and roadway safety, while minimizing the impacts to existing landowners. Unfortunately, not all impacts were able to be avoided.

Again, we appreciate your comments and encourage you to stay engaged with the process. Suggestions can always be addressed to ridgeroadstudy@hutchisoneng.com

Sincerely,

Wayne Phillips, P.E.

Project Manager – Ridge Road Phase I Study

Luke Zeller, P.E.

Project Engineer – Ridge Road Phase I Study

Wayne Phillips

From: Jim Threadgill
Sent: Tuesday, November 21, 2023 10:23 AM
To: Wayne Phillips; Luke Zeller; Calley McPherson; Brett J. Wedemeier
Subject: Ridge Public Meeting - Frank Ambrose

Frank Ambrose called about the public meeting and asked if he had an opening in front of his house to go south on Ridge. I looked up drawing and told him that yes there is one.
He was satisfied.



James R. Threadgill III, P.E. | Director of Operations – Northern Illinois

605 Rollingwood Dr.
Shorewood, IL 60404

jthreadgill@hutchisoneng.com

815-733-6295 (office) 815-228-4483 (cell)

Wayne Phillips

From: Wayne Phillips
Sent: Monday, November 20, 2023 10:59 AM
To: Michael Stevenson
Cc: Gregg Mounts
Subject: RE: Ridge Road Project

Mike,

The Ridge Road project from Holt Road to Black Road is progressing. The preferred alternative has been selected (to go from a 2 lane rural roadway to a 4 lane suburban road way with an 18' raised median and 10' shoulders). The phase I study will wrap up in 2023 or early 2024. This will allow us to start on the phase II portion (developing plans and specifications to go to letting).

This project is anticipated to go to letting, at the earliest, in 2026.
If you have any additional questions, please let me know.

Sincerely,
Wayne Phillips


-----Original Message-----

From:
Sent: Friday, November 17, 2023 5:42 PM
To: Wayne Phillips <WPhillips@hutchisoneng.com>; Gregg Mounts <gmounts@hutchisoneng.com>
Subject: Ridge Road Project

Hello,

I was checking to see if there has been any updates on the Ridge Road project from Theodore Rd to Holt Rd? I see the widening near Plainfield south high school is coming to a close.

Thanks,
Mike Stevenson


Sent from my iPhone

COMMENT FORM

Ridge Road (County Highway 11)
Phase I Study
Kendall County

We do not approve this road expansion. Our family home is already too close to the road at approximately 70 ft. This expansion will put the road almost 30 ft. from our front door. This is our family home; it is not just a farmhouse to be used when working in the surrounding fields. With the current location of our family home on our property, we feel this project poses a huge danger to our family of 6 (which has 4 young children), as well as our pets that go outside daily, and our animals that live outside.

In addition, the parcels shown around are property are incorrect. Parcels 09-13-100-004, 09-13-100-005, & 09-12-300-013 belong to us as well, not Marcia Rousonelos. We purchased all four parcels together, including the parcel listed in our name 09-12-300-12. We will be contacting Kendell County to get this discrepancy corrected.

Name: Michael & Jamie Stevenson

Address:

Signature: _____ **Date:** 12/5/23

Please note your comments on this form and place in comment box or mail by December 1st, 2023 to the address on back of this form. You may also email your comments to:

ridgeroadstudy@hutchisoneng.com Thank you.



County Highway 11 (Ridge Road)
Holt Road to Black Road
Kendall County
ridgeroadstudy@hutchisoneng.com

Michael and Jamie Stevenson
13666 Ridge Road
Minooka, IL 60447

Dear Mr. and Mrs. Stevenson,

Thank you for sharing your concerns and they are noted.

Our design team did their best to balance the needs of the traveling public and roadway safety, while minimizing the impacts to existing landowners. Unfortunately, not all impacts were able to be avoided.

Thank you for bringing it to our attention that the property numbers are incorrect. We will update them during the formal title search and the development of plats.

Again, we appreciate your comments and encourage you to stay engaged with the process. Suggestions can always be addressed to ridgeroadstudy@hutchisoneng.com

Sincerely,

Wayne Phillips, P.E.

Project Manager – Ridge Road Phase I Study

Luke Zeller, P.E.

Project Engineer – Ridge Road Phase I Study

BIMONTHLY COORDINATION MEETING MINUTES

MINUTES			TOPIC NO.	
COORDINATION MEETING			DISTRICT 3 NO.	
DISTRICT 3 CONFERENCE ROOM			CONTRACT #	
DATE 04/07/2022			FUNDING SOURCE	
ROUTE FAS 285			LOCAL/STP	
MARKED ROUTE		CH 11	GUIDELINES USED	
LOCAL NAME Ridge Road			BLR	
SECTION 22-00168-00-EG			FUNCTIONAL CLASSIFICATION	
COUNTY Kendall			Minor Arterial	
ADT			DESIGN SPEED	
10,300	YEAR	2021	TBD	
			POSTED SPEED	
			55	
			PERCENT TRUCKS	
			6% MU	
			5% SU	

PROJECT LIMITS -

From just north of Holt Road in Minooka to Black Road in Joliet (approximately 4.5 miles)

DATES PREVIOUSLY DISCUSSED

Initial
Presentation

SCOPE OF DISCUSSION and CONCURRENCES –

Kendall County Highway Department and Hutchison Engineering, Inc. received feedback and concurrence on the public involvement plan, the logical termini and the environmental processing.

Logical Termini:

On the southern end, this project will tie into an already improved 4 lane typical section at Holt Road north of Minooka. On the northern end, the project will tie into a previously constructed 4 lane typical section at Black Road (within the City of Joliet). The Logical Termini are acceptable to the FHWA.

Environmental Processing:

Since socio and environmental impacts are expected to be minor, it was agreed to develop the study as a Federal CE and will follow all environmental criteria. If impacts to resources are greater than anticipated or other factors are discovered which would potentially kick it into an EA, this issue will be revisited. No 4f locations are anticipated but will be investigated during the study. No residential displacements are anticipated; the utilization of prime farmland will be documented and communicated during the study.

Engineering Processing:

As the study is developed, it was agreed to follow Arterial Criteria (Suburban) from BLR Chapter 32.

Public Involvement:

Plan to hold two Public Informational Meetings was agreed upon. The first public informational meeting being scheduled for late May or early June (pending location availability) to introduce and present the project.

GENERAL DESCRIPTION OF EXISTING FACILITY –

Ridge Road is a two-lane rural roadway and is classified as a Minor Arterial while also being designated as a Strategic Regional Arterial. The roadway generally consists of one 11-foot lane in each direction with 4 feet wide Hot Mix Asphalt shoulders. Presently, there are no signalized intersections within the project limits. In 2022, the intersection of Ridge Road and US 52 will be improved with turn lanes and traffic signals.

According to CMAP the existing ADT ranges from approximately 10,300 at the south end to 7,500 at the north end of the study area. US 52 intersects Ridge Road just north of Aux Sable Creek. US 52 has an existing ADT

of approximately 5,150 east of Ridge Road and 4,500 west of Ridge Road. According to 2050 CMAP projections Ridge Road’s ADT’s will increase to 20,500 at the south end and to 14,300 at the north end. US 52 traffic is expected to increase to 9,300 east of Ridge Road and 7,500 west of Ridge Road.

The existing land use from Holt Road to Black Road is a mixture of agricultural and residential with some commercial mixed in. The residential subdivisions were developed with setbacks to accommodate future expansion of Ridge Road. Therefore, no displacements are anticipated.

The posted speed limits of Ridge Road are 55 mph from north of Holt Road to Black Road. At the intersection of Ridge Road and Holt Road the posted speed limit is 45 mph. North of Black Road the speed limit on Ridge Road reduces to 45 mph.

The structure carrying Ridge Road over Aux Sable Creek (S.N. 047-3011) was originally constructed in 1948 and was reconstructed in 1986. It is a 35’ 5” single span precast prestressed concrete deck beam structure with 22’ approaches. The deck is 36 feet wide from face of bridge rail to face of bridge rail. This structure is being designed and will be constructed as part of a separate project, scheduled for construction in 2023. The structure design will accommodate the future typical section of the Ridge Road study.

NEED FOR PROPOSED IMPROVEMENT – Increase level of service and improve safety to the traveling public and provide continuity to the Ridge Road Corridor.

GENERAL DESCRIPTION OF PROPOSED IMPROVEMENT -

BICYCLE/PEDESTRIAN ACCOMMODATION - Will follow Complete Streets policy. The need for Bike/Pedestrian accommodations will be studied for the entire corridor even though the majority of the project is rural.

TRAFFIC CONTROL – Ridge Road is heavily traveled and will be constructed under live traffic with closure of Ridge Road not being an option.

REVIEW OF CRASH DATA - The 2016 to 2020 Crash Data reveals the majority of the crashes are rear-end and fixed object collisions.

EXPLANATION OF EXCEPTIONS – At this time, no exceptions have been identified.

ENVIRONMENTAL ACTIONS DESIRED

NATIONWIDE 404 PERMITS

ENVIRONMENTAL SURVEY REQUEST (PMA SEQ #)

Does not meet Chapter 20, BLR Manual, requirements.		
Submitted	Addendum #	Submitted
Cultural Clearance	Addendum #	Clearance
SHPO Clearance		
Natural Resources Clearance	Addendum #	Clearance
Wetland Impact Evaluation	Submitted	Clearance
T&E Clearance		T&E Updated
Letter to IDOA		Response from IDOA
COSIM Prescreening	Pass/Fail	
COSIM Analysis	Pass/Fail	

SPECIAL WASTE ASSESSMENT

In-House Screening		
Submitted	Addendum #	Submitted

PESA Review
PESA Response
Work Order

Addendum #
Addendum #
Submitted

Review
Response

ENVIRONMENTAL PROCESSING Since socio and environmental impacts are expected to be minor, we would like to develop the study as a CE. If impacts to resources are greater than anticipated or other factors are discovered which would potentially kick it into an EA, this issue will be revisited. ESR will be submitted by the end of April. The addition of travel lanes requires the project to be processed as a Federal CE and a noise analysis to be performed.

ADDITIONAL RIGHT OF WAY CLEARED -

Anticipated: ROW (#Parcels/#Acres), T.E. (#Parcels/#Acres), P.E. (#Parcels/#Acres)

AGENCIES FROM WHICH FURTHER COORDINATION IS REQUIRED

CMAQ and IDOA

ATTACHMENTS

LOCATION MAP(S) ATTACHED

ATTENDANCE

FHWA: Craig Cassem and James Kyte
BLRS: William Raffensperger and Doug DeLong
D3 LRS: Steve Chery and Matt Feller
KCHD: Fran Klaas
HEI: Luke Zeller and Wayne Phillips

An aerial photograph of a rural area with a grid of roads. A yellow line highlights a specific road running north-south. Several other roads are labeled with white text boxes. A road labeled 'US 52' runs east-west across the middle of the image. A road labeled '52' runs north-south on the right side. The landscape is mostly brown and green, with some buildings and fields.

Black Rd

Jones Rd

US 52

Bell Rd

Wildy Rd

Fair Lane Dr

Khater Dr

Wick Rd

MINUTES				TOPIC NO.	
COORDINATION MEETING				DISTRICT 3 NO.	
DISTRICT 3 CONFERENCE ROOM				CONTRACT #	
DATE 10/04/2022				FUNDING SOURCE	
ROUTE FAS 285				LOCAL/STP	
MARKED ROUTE			CH 11	GUIDELINES USED BLR	
LOCAL NAME Ridge Road				FUNCTIONAL CLASSIFICATION Minor Arterial	
SECTION 22-00168-00-EG				DESIGN SPEED 45	
COUNTY Kendall				POSTED SPEED 55	
ADT	10,300	YEAR	2021	PERCENT TRUCKS 6% MU 5% SU	

PROJECT LIMITS -

From just north of Holt Road in Minooka to Black Road in Joliet (approximately 4.5 miles)

DATES PREVIOUSLY DISCUSSED

Initial 04/07/22
Presentation

SCOPE OF DISCUSSION and CONCURRENCES – 04/07/22:

Kendall County Highway Department and Hutchison Engineering, Inc. received feedback and concurrence on the public involvement plan, the logical termini and the environmental processing.

Logical Termini:

On the southern end, this project will tie into an already improved 4 lane typical section at Holt Road north of Minooka. On the northern end, the project will tie into a previously constructed 4 lane typical section at Black Road (within the City of Joliet). The Logical Termini are acceptable to the FHWA.

Environmental Processing:

Since socio and environmental impacts are expected to be minor, it was agreed to develop the study as a Federal CE and will follow all environmental criteria. If impacts to resources are greater than anticipated or other factors are discovered which would potentially kick it into an EA, this issue will be revisited. No 4f locations are anticipated but will be investigated during the study. No residential displacements are anticipated; the utilization of prime farmland will be documented and communicated during the study.

Engineering Processing:

As the study is developed, it was agreed to follow Arterial Criteria (Suburban) from BLR Chapter 32.

Public Involvement:

Plan to hold two Public Informational Meetings was agreed upon. The first public informational meeting being scheduled for late May or early June (pending location availability) to introduce and present the project.

SCOPE OF DISCUSSION and CONCURRENCES - 10/04/2022:

Kendall County Highway Department and Hutchison Engineering, Inc. discussed the findings from the first public informational meeting and the environmental findings to date. Also, we received feedback and concurrences on the preliminary proposed typical section and the preliminary proposed alignment.

First Public Informational Meeting:

The public informational meeting was an open house format with exhibit boards and large scale aerial exhibits showing existing conditions. The purpose of the public informational meeting was to introduce the study, describe the project development process, solicit input on transportation needs and provide information on additional public involvement opportunities. There was no organized opposition to the project.

Environmental Findings:

The Environmental Survey Request (ESR) was submitted on June 23, 2022. IDOT has yet to receive any updates of findings. Huff and Huff have completed their field work and are developing any wetland delineations.

The week of September 19, 2022 the Illinois State Archaeology Survey started their cultural resource survey. To date, no report of any findings.

Noise Analysis will be completed (by Huff & Huff) as required by the CE process and the Noise Manual. To date there are not any concerns regarding noise.

Typical Section:

The proposed typical section provides two 12 foot lanes in each direction with eight foot outside shoulders separated by an 18 foot raised median. This typical section information is straight from BLR Fig. 32-20 for suburban arterials. Additional ROW will need to be purchased along the entire route to accommodate the proposed typical section.

Proposed Alignment:

The proposed alignment generally follows the existing alignment. However, additional investigations will be required at potentially sensitive areas. Ridge Road is part of the WIKADUKE Trail as well as a Strategic Regional Arterial (SRA).

Other items discussed:

- Currently, the project is not in the TIP, but is anticipated to be on October 12, 2022.
- Phase II Engineering must be in the TIP in order to achieve Design Approval.
- Total project estimate is \$25 million.
 - This project is receiving \$2.5 million in STP funding.
 - Other funding avenues were discussed and maybe pursued (TARP, RAISE Grant, Competitive Freight Funding, Reconnecting Communities).
- On going discussions will occur with the City of Joliet and the Village of Minooka regarding the need for a shared us path along the proposed improvement.
- Potential for traffic signals are anticipated at Ridge Road and US 52 (where they are currently being installed) and at Ridge Road and Black Road.
- There have been no discussions regarding field tile locations.
- No relocations/displacements are anticipated, but if a relocation becomes necessary, IDOT will be notified for guidance so the proper socioeconomic analysis can be followed.
- *Post meeting clarification from Felicia Hurley.* The reason a socioeconomic analysis would be needed is due to the amount of parcels needed. There is no hard and fast number when looking at number of parcels as to when this will be required. This is all new and developing from a national perspective and we are trying to stay on top of it. Since there is no relocations you will determine if there is a minority or low income population in the area using database information. See guidance attached to previous email regarding this. If the answer to both is no then you document that and move on. If the answer is yes then please contact John Sherrill or myself for further assistance. Thanks.

GENERAL DESCRIPTION OF EXISTING FACILITY –

Ridge Road is a two-lane rural roadway and is classified as a Minor Arterial while also being designated as a Strategic Regional Arterial. The roadway generally consists of one 11 foot lane in each direction with 4 feet wide Hot Mix Asphalt shoulders. Presently, there are no signalized intersections within the project limits. In 2022, the intersection of Ridge Road and US 52 will be improved with turn lanes and traffic signals.

According to CMAP the existing ADT ranges from approximately 10,300 at the south end to 7,500 at the north end of the study area. US 52 intersects Ridge Road just north of Aux Sable Creek. US 52 has an existing ADT of approximately 5,150 east of Ridge Road and 4,500 west of Ridge Road. According to 2050 CMAP projections Ridge Road's ADT's will increase to 20,500 at the south end and to 14,300 at the north end. US 52 traffic is expected to increase to 9,300 east of Ridge Road and 7,500 west of Ridge Road.

The existing land use from Holt Road to Black Road is a mixture of agricultural and residential with some commercial mixed in. The residential subdivisions were developed with setbacks to accommodate future expansion of Ridge Road.

The posted speed limits of Ridge Road are 55 mph from north of Holt Road to Black Road. At the intersection of Ridge Road and Holt Road the posted speed limit is 45 mph. North of Black Road the speed limit on Ridge Road reduces to 45 mph.

The structure carrying Ridge Road over Aux Sable Creek (S.N. 047-3011) was originally constructed in 1948 and was reconstructed in 1986. It is a 35' 5" single span precast prestressed concrete deck beam structure with 22' approaches. The deck is 36 feet wide from face of bridge rail to face of bridge rail. This structure is being designed and will be constructed as part of a separate project, scheduled for construction in 2023.

NEED FOR PROPOSED IMPROVEMENT – Increase level of service and improve safety to the traveling public.

GENERAL DESCRIPTION OF PROPOSED IMPROVEMENT -

BICYCLE/PEDESTRIAN ACCOMMODATION - Will follow Complete Streets policy

TRAFFIC CONTROL -

REVIEW OF CRASH DATA - The 2016 to 2020 Crash Data reveals the majority of the crashes are rear-end and fixed object collisions.

EXPLANATION OF EXCEPTIONS -

ENVIRONMENTAL ACTIONS DESIRED

NATIONWIDE 404 PERMITS

ENVIRONMENTAL SURVEY REQUEST

(PMA SEQ # 24866)

Does not meet Chapter 20, BLR Manual, requirements.			
Submitted	Addendum #	Submitted	
Cultural Clearance	Addendum #	Clearance	
SHPO Clearance			
Natural Resources Clearance	Addendum #	Clearance	
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SPECIAL WASTE ASSESSMENT

In-House Screening			
Submitted	Addendum #	Submitted	
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ENVIRONMENTAL PROCESSING Since socio and environmental impacts are expected to be minor, we would like to develop the study as a CE. If impacts to resources are greater than anticipated or other factors are discovered which would potentially kick it into an EA, this issue will be revisited.

ADDITIONAL RIGHT OF WAY CLEARED -

Anticipated: ROW (#Parcels/#Acres), T.E. (#Parcels/#Acres), P.E. (#Parcels/#Acres)

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MARKED ROUTE		CH 11	GUIDELINES USED BLR	
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SCOPE OF DISCUSSION and CONCURRENCES - 02/21/2023:

Environmental Findings:

Illinois State Archaeology Survey:

The week of September 19, 2022, the Illinois State Archaeology Survey started their cultural resource survey. To date, no official report of any findings, but during the meeting it was shared that no significant archaeological sites were discovered, and the report is forthcoming.

Historic Resources Inventory:

On November 4, 2022, the project received Historic Resources Inventory – Architecture memo. The Area of Potential Effect (APE) identified six above ground properties in the APE that warrant evaluation for NRHP eligibility. Therefore, efforts have been made to avoid and minimize effects/impacts to these six resources. It should be noted impacts are not just to the buildings, but also to the entire parcel the buildings are located on. Please see attachments (Historic Resources Review Report, Typical Sections and the Street and Aerial Exhibits) for further clarification and review. Positive discussions revolved around the attempts to avoid and minimize the impacts to the 6 sites. Emilie Land provided input that these 6 sites are currently listed as “potentially eligible” for NRHP eligibility. BDE can utilize a consultant to study these sites and compile an eligibility report for review with the possibility of a site(s) being eliminated. A target date of June 1, 2023, was agreed upon for completion of the eligibility report. Prior to any on-site investigations occurring, Kendall County/HEI will notify the property owners in writing.

Biological Clearance:

On January 3, 2023, the project received biological clearance for design approval; with the understanding that after the extent of the impacts to the wetlands is determined and minimized, a Wetland Impact Evaluation (WIE) form will be completed and submitted to the IDOT Bureau of Design and Environment.

Noise Evaluation:

Noise Analysis will be completed in early March 2023 (by Huff & Huff) as required by the CE process and the Noise Manual. To date there are not any concerns regarding noise.

During the February 21, 2023, coordination meeting, no Environmental Concurrences were received.

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NEED FOR PROPOSED IMPROVEMENT – Increase the level of service and improve safety to the traveling public and provide continuity to the Ridge Road Corridor.

GENERAL DESCRIPTION OF PROPOSED IMPROVEMENT – The proposed typical section provides two 12 foot lanes in each direction with eight foot outside shoulders separated by an 18 foot raised median. This typical section information is straight from BLR Fig. 32-20 for suburban arterials. Addition ROW will need to be purchased along the entire route to accommodate the proposed typical section. The proposed alignment generally follows the existing alignment. However, additional investigations will be required at potentially sensitive areas. Ridge Road is part of the WIKADUKE Trail as well as a Strategic Regional Arterial (SRA).

BICYCLE/PEDESTRIAN ACCOMMODATION - Will follow Complete Streets policy

TRAFFIC CONTROL – Anticipate staging during construction by use of temporary widening and permanent pavement construction.

REVIEW OF CRASH DATA - The 2016 to 2020 Crash Data reveals the majority of the crashes are rear-end and fixed object collisions.

EXPLANATION OF EXCEPTIONS -

ENVIRONMENTAL ACTIONS DESIRED

NATIONWIDE 404 PERMITS

ENVIRONMENTAL SURVEY REQUEST

(PMA SEQ # 24866)

Does not meet Chapter 20, BLR Manual, requirements.		
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SHPO Clearance		
Natural Resources Clearance	Addendum #	Clearance
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SPECIAL WASTE ASSESSMENT

In-House Screening		
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ADDITIONAL RIGHT OF WAY CLEARED -

Anticipated: ROW (#Parcels/#Acres), T.E. (#Parcels/#Acres), P.E. (#Parcels/#Acres)

AGENCIES FROM WHICH FURTHER COORDINATION IS REQUIRED

ATTACHMENTS

Historic Resources Review Report; Typical Sections; Street and Aerial Exhibits.

ATTENDANCE

D3 LRS: Steve Chery and Matt Feller

BLRS: William Raffensperger

BDE: Emilie Land and Joseph Galloy

FHWA: Sal Madonia and Craig Cassem

KCHD: Fran Klaas

CMAP: Russel Pietrowiak

KKCOM: Heidi Lichtenberger and Kaci Crowley

HEI: Luke Zeller, Wayne Phillips, Calley McPherson and Jim Threadgill

OTHER COORDINATION

Kendall County
County Highway 15 (Ridge Road) Phase I Study
Section 22-00168-01-RP
Kendall County with City of Joliet Meeting Minutes (Final)

Date of Meeting: June 22, 2023

Attendees:

KCHD: Fran Klaas

City of Joliet: Greg Ruddy and Russ Lubash

HEI: Gregg Mounts, Luke Zeller, Brett Wedemeier, Scott Ferguson, Calley McPherson, Wayne Phillips

The following items were discussed and agreed to:

- 1) Ridge Road / Black Road intersection geometry
 - a. Kendall County and the City of Joliet agreed the proposed improvement should include:
 - i. Traffic signals.
 - ii. Left turn lanes on Black Road.
 - iii. Turn lanes and concrete median along south leg of the intersection will be designed to accommodate the future expansion of Black Road to five lanes.
 - b. “Black Road’s missing link” construction (east of Jones Elementary School)
 - i. Timeframe – not anticipated to be completed in the near future.
 - ii. Geometry – City of Joliet will provide proposed typical section.
- 2) Ridge Road / Meriwether Blvd intersection geometry
 - a. Will become a “right in / right out” configuration.
 - b. Median will not include an opening.
 - c. Will revisit after public input.
- 3) Ridge Road / Jones Road intersection geometry

- a. Both legs of Jones Road will be 38 feet wide (West leg already is 38')
- b. Both legs will be striped to provide left turn lanes

4) Ridge Road from Black Road to Jones Road

- a. Curb and Gutter will be located at edge of pavement.
- b. Will include storm sewer / closed drainage system along Ridge Road.
- c. Will include shared use path on west side of Ridge Road.
- d. Will provide "shelf" for future sidewalk on east side of Ridge Road.
- e. Median will transition from 30' width (at Black Rd) to 18' width prior to Meriwether Blvd (City will confirm).

5) General

- a. City will see if money was escrowed as part of the Hunter Ridge Subdivision development and if it is available for the construction of this project (traffic signals, lighting, shared use path, etc.).
- b. Roadway lighting will be included in this segment of roadway and will be located in the median with additional lighting at the intersections.
- c. City of Joliet will maintain the proposed shared use path and lighting from Black Road to Jones Road.
- d. There is potential for Noise Walls north of Jones Road. However, the analysis has not been completed. If a wall is found to be warranted / financially feasible and socially accepted the City and County will follow customary maintenance practices.

**Kendall County
Ridge Road Phase I Study
September 7, 2023 at 10:30 AM
Meeting Minutes with Kendall County and Village of Minooka
Project Status Update**

On September 7, 2023, a meeting was held to discuss the status of Kendall County's Ridge Road phase I study within the limits of the Village of Minooka.

The following were in attendance:

Kendall County Highway Department (KCHD): Fran Klaas

Village of Minooka (VM): Ryan Anderson

HEI: Luke Zeller, Brett Wedemeier, Calley McPherson, Wayne Phillips

The following items were discussed:

- 1) Shared use path from north of Holt Road to Fair Lane
 - a. The embankment platform will be included in the plans to be constructed with the Ridge Road improvements, with the intent for the actual SUP to be constructed later on a separate contract.
 - b. VM requested for the SUP to be constructed with the roadway improvements.
 - i. Potential funding alternatives were discussed and will be explored.
Including:
 1. Kendall County Transportation Alternative Program (KC-TAP)
 2. Safe Routes to School grants
 - c. Final SUP determinations will be decided during phase II plan development.
- 2) Traffic Signals – none are warranted at any of the intersections north of Holt Road
- 3) Roadway lighting from Holt to Wildy
 - a. Median lighting from north of Holt to south of Wildy
 - i. Anticipating approximately 225 feet spacing
 - ii. Will need to be designed in phase 2
 - b. Intersection lighting at the two south corners of Wildy and Ridge
 - c. KCHD will cover the costs to construct and install the lighting
 - d. VM will cover all future costs for maintenance and utility expenses
 - e. Street lights will be uniform to existing lighting
 - f. An IGA will be needed

- 4) Noisewalls – the noise study is yet to be completed but no noisewalls are anticipated between Holt and Wildy
- 5) Median Landscaping
 - a. 18' turf median with curb and gutter will be constructed with the roadway improvements
 - b. Post-construction, VM will be responsible for planting trees / shrubs and mowing the median
 - i. IGA limits will be extended under the existing IGA (until areas are developed)
 - ii. Following development – owners will mow the ROW (excluding median)
 - c. With the side slopes being 1:4, VM will also mow along the ROW
- 6) Existing Utilities along Ridge (Holt to Wildy)
 - a. VM will resend a large file transfer with this information
- 7) There are a number of possible future developments coming to the Ridge Road corridor:
 - a. Cultivate Power Solar Farm (east of Ridge and north of Wildy)
 - i. They would dedicate 75' of ROW along Ridge and 60' along Wildy
 - ii. Plus an "L" shape frontage parcel for future commercial developments
 - b. Apartments (west of Ridge between Fair Lane and Wildy)
 - c. Lake Michigan water tank (west of Ridge along Wildy)

This project is included in the FY 2024-2028 (transportation plan) and in the Transportation Improvement Program (TIP), endorsed by the CMAP, the region's Metropolitan Planning Organization. The FY 2024-2028, TIP ID 09-22-0008 (transportation plan) was found to conform by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) on 2/1/A.

The TIP was found to conform by FHWA on 3/1/A and by FTA on N/A.

- Projects within a nonattainment area served by a Metropolitan Planning Organization other than CMAP.

This project is included in the Long-Range Transportation Plan and in the _____ Transportation Improvement Program (TIP) endorsed by _____, the Metropolitan Planning Organization (MPO) for the region in which the project is located.

On _____ the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) determined that the Long-Range Transportation Plan conforms with the transportation-related provisions of the Clean Air Act Amendments of 1990. The FHWA and the FTA determined on _____ that the TIP conforms with the Clean Air Act Amendments. These findings were in accordance with 40 CFR Part 93, "Criteria and Procedures for Determining Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and projects Funded or Approved Under Title 23 USC or the Federal Transit Act."

The project's design concept and scope are consistent with the project information used for the TIP conformity analysis. Therefore, this project conforms to the existing State Implementation Plan and the transportation-related requirements of the 1990 Clean Air Act Amendments.

b. Mobile Source Air Toxics (See BDE PM 52-06)

This project will not result in any meaningful changes in traffic volumes, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions relative to the no-build alternative. As such, FHWA has determined that this project will generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special Mobile Source Air Toxic concerns. Consequently, this effort is exempt from analysis for MSATs.

Moreover, EPA regulations for vehicle engines and fuels will cause overall MSATs to decline significantly over the next 20 years. Even after accounting for a 64 percent increase in VMT, FHWA predicts MSATs will decline in the range of 57 to 87 percent, from 2000 to 2020, based on regulations now in effect, even with a projected 64 percent increase in VMT. This will both reduce the background level of MSATs as well as the possibility of even minor MSAT emissions from this project.

c. Construction-related Particulate Matter


Demolition and construction activities can result in short-term increases in fugitive dust and equipment-related particulate emissions in and around the project area. (Equipment-related particulate emissions are usually insignificant when equipment is well maintained.) The potential air quality impacts will be short-term, occurring only when demolition and construction work is in progress and local conditions are appropriate.

The potential for fugitive dust emissions typically is associated with building demolition, ground clearing, site preparation, grading, stockpiling of materials, on-site movement of equipment, and transportation of materials. The potential is greatest during dry periods, periods of intense construction activity, and during high wind conditions.


The Department's *Standard Specifications for Road and Bridge Construction* include provisions on dust control. Under these provisions, dust and airborne dirt generated by construction activities will be controlled through dust control procedures or a specific dust control plan, when warranted. The contractor and the Department will meet to review the nature and extent of dust-generating activities and will cooperatively develop specific types of control techniques appropriate to the specific situation. Techniques that may warrant consideration include measures such as minimizing track-out of soil onto nearby publicly-traveled roads, reducing speed on unpaved roads, covering haul vehicles, and applying chemical dust suppressants or water to exposed surfaces, particularly those on which construction vehicles travel. With the application of appropriate measures to limit dust emissions during construction, this project will not cause any significant, short-term particulate matter air quality impacts.

Summary of Comments on Draft Project Report - Ridge Road - CBLRS.pdf


Page: 10

 Number: 1 Author: Stephen.Letsky Subject: Typewritten Text Date: 4/8/2024 3:02:58 PM

, TIP ID 09-22-0008

 Author: Stephen.Letsky Subject: Sticky Note Date: 4/9/2024 10:00:21 AM

Insert a TIP ID when it is available so we can look for conformity. D1 TEs (FHWA) stop these projects as evidenced by a recent project that was not showing Ph 2 engineering in the TIP.

 Number: 2 Author: Stephen.Letsky Subject: Highlight Date: 4/8/2024 3:06:22 PM

Ask CMAP for conformity approval date.

 Number: 3 Author: Stephen.Letsky Subject: Highlight Date: 4/8/2024 3:06:37 PM

Ask CMAP for conformity date.

13. Noise (BLRS Manual Section 20-6)

- The referenced project meets the criteria for a Type III project established in 23 CFR Part 772. Therefore, the proposed project requires no traffic noise analysis or abatement evaluation. Type III projects do not involve added capacity, construction of new through lanes, changes in the horizontal or vertical alignment of the roadway, or exposure of noise sensitive land uses to a new or existing highway noise source.
- Based on the traffic noise analysis and noise abatement evaluation conducted, highway traffic noise abatement measures are likely to be implemented based on preliminary design. The noise barriers determined to meet the feasible and reasonable criteria are identified on the attachment. If it subsequently develops during final design that constraints not foreseen in the preliminary design or public input substantially change, the abatement measures may need to be modified or removed from the project plans. A final decision of the installation of the abatement measure(s) will be made upon completion of the project's final design and the public involvement process.

If this project involves a new alignment, additional lanes, or involves a significant alignment change, attach a traffic noise analysis.

A noise study was completed by Huff and Huff, Inc. The study determined that under the 2050 Build scenario, no receptor locations exceed policy noise levels that weren't singular receptors. Therefore, noise abatement measures will not be needed as part of this project. See Attachment 9 for a noise summary.

14. Work Zone Transportation Management Plans

Does the project intersect or follow a state route?

- Yes No

Is the state or local route considered a significant route?

- Yes No Not Applicable

If yes, describe how the Work Zone Transportation Management Plan is being implemented.

15. Complete Streets (BLRS Manual Chapter 10)

Does the project include the addition of a travel, turning, or bi-directional turn lane on a state highway?

- Yes No

If yes, describe how the Complete Streets Law requiring accommodating bicyclists on a state route apply.

Due to the largely rural nature of the adjoining corridor, bicycle and pedestrian movement is only anticipated at the south end of the project within the Village of Minooka and at the north end of the project within the City of Joliet where accommodations for a shared use path are being proposed.

 Number: 1 Author: Stephen.Letsky Subject: Highlight Date: 4/8/2024 4:00:09 PM

This should be cleaned up to say, "The State route, US 52, is the only state route in the project limits, and intersects CH 11. It is outside 1 mile of the municipal boundaries and thus not required for further analysis per BDE Manual 17-1.02."

18. **Coordination: LA-IDOT-FHWA (BLRS Manual Section 22-1.02)**

Have there been any coordination meetings for this project? Yes No

If yes, list the date(s) of the coordination meeting(s) below and attach coordination meeting minutes in the report.

April 7, 2022.

See Attachment 11 for all meeting minutes.

October 2, 2022.

February 21, 2023.

December 12, 2023.

19. **Other Coordination**

June 22, 2023 – Meeting with City of Joliet.

September 7, 2023 – Meeting with Village of Minooka.

See Attachment 12 for meeting minutes of each meeting.

20. **Summary of Commitments**

1. Wetland Impacts will be mitigated off site through a system developed by the USACE and will be completed during Phase II.



Number: 1 Author: Stephen.Letsky Subject: Sticky Note Date: 4/8/2024 4:07:40 PM
2. PSI required in phase II Engineering for excavations on known REC sites per PESA.