SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	1	37-A

David D. Willingham, P.E.
County Engineer

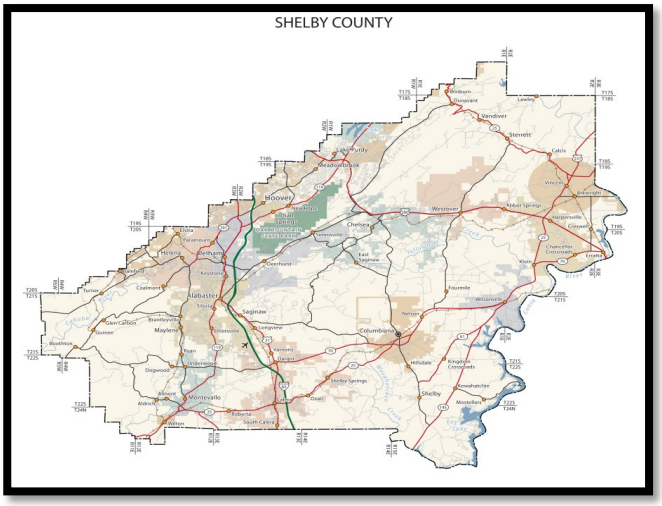
2027

SHELBY COUNTY HIGHWAY DEPARTMENT

SCP-59-984-26

PLANS FOR THE ANNUAL "ON-CALL" GUARDRAIL SAFETY REPAIRS & REPLACEMENT PROJECT ALONG COUNTY ROADWAYS





SEE ATTACHED VICINITY MAPS FOR INDIVIDUAL SITE INFORMATION

COUNTY COMMISSIONERS

DISTRICT #1 KEVIN MORRIS	**DISTRICT #6** JOSH SISK
DISTRICT #2 TOMMY EDWARDS	**DISTRICT #7** LINDSEY ALLISON
DISTRICT #3 JON PARKER	**DISTRICT #8** RICK SHEPHERD
DISTRICT #4 WARD WILLIAMS	**DISTRICT #9** DR. ROBBIE HAYES
DISTRICT #5 ELWYN BEARDEN	

THESE PLANS HAVE BEEN PREPARED IN GENERAL CONFORM TO THE FOLLOWING ALABAMA DEPARTMENT OF TRANSPORTATION (ALDOT) CONSTRUCTION REQUIREMENTS:

- 2026 ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION
- 2026 ALDOT SPECIAL & STANDARD DRAWINGS FOR HIGHWAY CONSTRUCTION
- 2024 ALDOT LIST OF QUALIFIED, MATERIALS, SOURCES & DEVICES APPROVED MATERIALS: GUARDRAIL, ACCESSORIES & ROADSIDE HARDWARE
- 2025 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (USE MOST CURRENT REVISION).
- (REFERENCE RESOURCES: FHWA, ANSI, TTI, MASH & NCHRP)

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INDEX TO SHEETS

SHEET: **1** TITLE SHEET / COVER PAGE WITH COUNTY LOCATOR MAP

SHEETS: **1-A to 1-B** INDEX TO ALDOT DRAWINGS, DETAILS, REFERENCES AND APPLICATIONS

SHEETS: **2 to 2-B** PROJECT NOTES, SPECIAL CONDITIONS, CERTIFICATIONS AND CONTRACTOR REQUIREMENTS

SHEETS: **3 to 36** BOX QUANTITIES, COUNTY MAP, VICINITY SITE MAPS AND REQUIRED WORK TO BE PERFORMED

SHEETS: **37 to 37-A** TRAFFIC CONTROL PLAN DETAILS FOR LANE CLOSURE TWO LANE HIGHWAY PILOT CAR AND/OR CONE APPLICATION, TYPICAL SCHEME OUTSIDE LANE CLOSURE, CHANNELIZING DEVICES, RAIL-ROAD (RR) WORK WITHIN VICINITY OF GRADE CROSSING AND FLAGGER HAND-SIGNALING.

THE FOLLOWING ARE SPECIAL AND STANDARD DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION (ALDOT) SPECIAL AND STANDARD HIGHWAY DRAWINGS BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENT) DATED 2026 WHICH APPLY TO THIS PROJECT:

INDEX #:	SPECIAL DRAWING NO.	ALDOT DESIGN BUREAU DETAIL SHEET DRAWINGS & DESCRIPTIONS:
63001	GR-630-S (1 OF 3)	GALVANIZED STEEL BEAM GUARDRAIL WITH BLOCKED OUT TREATED TIMBER OR GALVANIZED STEEL POSTS (DELINEATORS / REFLECTORS FOR GUARDRAIL OR CONCRETE BARRIER RAIL)
63002	GR-630-S (2 OF 3)	(MASH) GUARDRAIL HEIGHT TRANSITION DETAIL
63003	GR-630-S (3 OF 3)	GALVANIZED STEEL BEAM GUARDRAIL WITH BLOCKED OUT TREATED TIMBER OR GALVANIZED STEEL POSTS
63006	GR-630-FD (1 OF 2)	FLARE DETAIL AND WARRANTY CRITERIA FOR BEAM GUARDRAIL
63007	GR-630-FD (2 OF 2)	FLARE DETAIL AND WARRANTY CRITERIA FOR BEAM GUARDRAIL AND GUARDRAIL AT RADIUS (RADIUS RAIL)
63010	GR-630-PP	DETAILS OF GUARDRAIL AT BRIDGE PIER PROJECTION ON EXISTING PROJECTS WITH SLOPES GREATER THAN 10:1
63013	GR-630-CL (1 OF 4)	DETAILS FOR GUARDRAIL (MASH) AT CULVERTS WHERE POSTS ARE BOLTED TO THE TOP OF THE CULVERT
63014	GR-630-CL (2 OF 4)	DETAILS FOR CONCRETE BARRIER TYPE CSF 4-A (MODIFIED) AT CULVERTS WHERE SHALLOW FILL HEIGHTS WILL NOT ACCOMMODATE NORMAL GUARDRAIL POSTS
63015	GR-630-CL (3 OF 4)	DETAILS FOR GUARDRAIL (MASH) AT CULVERTS WHERE POSTS ARE BOLTED TO THE PARAPET OF THE CULVERT

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INDEX #:	SPECIAL DRAWING NO.	ALDOT DESIGN BUREAU DETAIL SHEET DRAWINGS & DESCRIPTIONS:
63016	GR-630-CL (4 OF 4)	DETAILS FOR LONG SPAN GUARDRAIL (MASH) AT CULVERTS WHERE SHALLOW FILL HEIGHTS WILL NOT ACCOMMODATE NORMAL POSTS
63030	GA-630-8 (1 OF 2)	DETAILS OF GUARDRAIL END ANCHOR- TYPE 8 (MASH)
63031	GA-630-8 (2 OF 2)	DETAILS OF GUARDRAIL END ANCHOR- TYPE 8 (MASH)
306-B	GA-630-10 (3 OF 4)	2023 VALTIR SRT-27 FLARED END TERMINAL (NCHRP-350) (TL-3) (1996 DETAILS OF GUARDRAIL END ANCHORS SERIES 10 (SRT-350))
63036	GA-630-13	DETAILS OF GUARDRAIL END ANCHOR – TYPE 13 FOR USE WITH PRECAST BRIDGES ONLY
63037	GA-630-13 (M)	DETAILS OF GUARDRAIL END ANCHOR- TYPE 13 (MASH)
63050	GA-630-20 (1 OF 4)	DETAILS OF GUARDRAIL END ANCHOR- TYPE 20 SERIES (MASH) (TL-3) (SOFTSTOP)
63051	GA-630-20 (2 OF 4)	DETAILS OF GUARDRAIL END ANCHOR- TYPE 20 SERIES (MASH) (TL-3) (MSKT)
63052	GA-630-20 (3 OF 4)	DETAILS OF GUARDRAIL END ANCHOR- TYPE 20 SERIES (MASH) (TL-3) (MAX-TENSION)
63053	GA-630-20 (4 OF 4)	DETAILS OF SINGLE GUARDRIAL TERMINAL- TYPE 20 SERIES SGET (MASH) (TL-3)
71032	IHS-710-21	DETAILS FOR LOCATION AND MOUNTING STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS
71035	IHS-710-23	LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS
71301	B-713	DETAILS OF PERMANENT BARRICADES
74007	TCD-100	DETAILS FOR TRAFFIC CHANNELIZATION DEVICES

Contractor can access the following web sites if they desire or need printed copies of:

1. 2026 ALDOT Standard Specifications for Highway Construction:
   a. Specifications (state.al.us)

2. 2025 ALDOT Standard & Special Drawings for Highway Construction:
   a. 2025 ALDOT Standard and Special Drawings 63001-63053.pdf

3. 2025 Manual on Uniform Traffic Control Devices for Streets and Highways:
   a. MUTCD 11th Edition with Revision 1 Incorporated - Hotlinks Version

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PROJECT NOTES

1. The Contractor shall complete all Work Site locations as shown within these plans and shall remain in an **"On-Call"** status for the remainder of Fiscal Year (FY) 2027 from the start date of the written Notice to Proceed until the end of FY27 on 9/30/2027. For public safety, prompt repairs are requested to be expeditated as soon as possible to restore all damaged units to proper working order. Payment Vouchers will be processed at the end of each month.

2. Mobilization and Construction Fuel shall be a subsidiary obligation of this contract.

3. Any damage to in-place paving, curb and gutter, sidewalk, grassing, etc. shall be repaired by the Contractor to the satisfaction of the County Engineer, Engineering Assistant, or Delegate, at no additional cost to the project.

4. **ALABAMA 811 "One-Call Notification System"**: It shall be the Contractor's responsibility to contact the various utility owners and determine the exact locations of all existing utilities on this project before commencing work. The location of any required guardrail or end anchors of any nature may be adjusted as directed by the Engineer to prevent any conflicts with these utilities. The Contractor agrees to be fully responsible for all damages that occur due to failure to locate and preserve all underground utilities. Contractor shall be solely responsible for the cost of repairing any utilities damaged as a result of their operations. (ALUDPA Law | Alabama 811)

5. Where shoulder widening is required for the Contractor to install required guardrail or end treatments, the Contractor shall notify the County Engineer or Delegated Representative. Shelby County forces will complete all required widening of shoulders related to the installation of guardrail or end treatments.

6. The Contractor shall remove any existing guardrail and end treatments as necessary to install the required guardrail repairs or replacements as specified on the plan sheets. Any existing guardrail materials to be removed or reset as a result of the specified repair or replacement shall be done and paid for as a subsidiary obligation of the contract.

7. All application and installation shall conform to the most current edition of the Alabama Department of Transportation (ALDOT) Standard Specifications for Highway Construction, ALDOT Special & Standard Highway Drawings, FHWA AASHTO Standards & Specifications, and the Manual on Uniform Traffic Control Devices (MUTCD) for Streets and Highways.

8. All material and hardware used must be from the approved ALDOT List of Qualified Materials, Sources & Devices and the Special Acceptance Requirement Manual QPL list and meet or exceed minimum standard specifications and requirements associated with each pay item. List of Qualified Materials, Sources, and Devices (state.al.us)

9. Any guardrail or bridge rail removed as a part of this project must be replaced or repaired on the same day.

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PROJECT NOTES

TEMPORARY TRAFFIC CONTROL NOTES:

10. Shelby County will not provide traffic control devices, safety equipment or personnel to the Contractor for this project. It is the responsibility of the Contractor to provide all required temporary traffic control devices, signs, safety equipment, and personnel for the Construction Work Zones. Any costs associated with the deployment and operation of temporary traffic control measures shall be a subsidiary obligation of the contract.

11. Lane closure times may be restricted by the Engineer in high traffic locations. If a lane closure restriction is required, the County Engineer or Delegate, will notify the Contractor the times lane closures are restricted. This will be based upon specific site conditions or locations during construction.

12. The Traffic Control Plan is developed in conformance with the Manual on Uniform Traffic Control Devices Part 6, 2023 Edition. The traffic control devices indicated represent conditions known during plan development. In the event actual physical conditions warrant additional traffic control devices, they shall be installed in conformance with the M.U.T.C.D. Part 6 as directed by the Engineer. Cost shall be a subsidiary obligation of the contract.

13. All black on orange construction signs shall be fabricated using Types IV or VIII fluorescent orange reflective sheeting material for the sign background. Construction signs mounted on temporary supports shall be mounted at a minimum height of 5 feet. All signs must be in good repair, clean and proper size with clean reflective sheeting free of any “dead spots”.

14. During non-working hours, no equipment or material shall be parked or stored closer than 30 feet to the edge of any roadway carrying traffic. When this is not practical, it shall be placed in an area designated by the Engineer and the Contractor shall delineate the area with reflectorized drums. This includes storage of traffic control devices such as trailer mounted signs, drums, cones, etc., which are not in use during non-working hours.

15. If the location of a required sign falls in a driveway, sidewalk, bridge, etc., or where the visibility of a sign is limited to the traveling public, the location of the temporary sign shall be adjusted as directed by the Engineer. The contractor shall maintain at least one access to businesses and residences during all phases of construction.

16. The contractor is to remove, relocate or cover during construction and then reset or uncover upon completion of a particular section any conflicting in-place roadway signs and delineators, as directed by the Engineer. All traffic control devices that are not applicable at any specific time shall be covered or removed.

17. The contractor shall place all advance-warning signs before proceeding with any work. Signs shall be placed in the proper sequence, in the proper travel path, direction of traffic and shall be removed in the reverse order.

18. All vehicles, equipment, personnel (except flaggers), and their activities, are restricted at all times to one side of the pavement unless otherwise authorized by the Engineer, Engineering Assistant or Authorized Representative.

PROJECT NOTES

19. Flaggers shall be properly attired, equipped with staff mounted stop/slow paddles in sight of each other, or have direct communication with each other at all times. Flagger station locations may be varied from the basic MUTCD patterns shown based on individual work site roadway alignment and conditions at the time of the lane closure.

20. Flaggers are to be used at all times when normal flow of traffic is being interrupted, when unsafe conditions are present and when directed by the Engineer or Delegate. Signs shall be placed at the appropriate time and distances, and shall be covered or removed when flaggers are not on duty and during non-working hours.

21. For moving operations, the traffic cones may be deleted if the flaggers are in sight of each other, or if a pilot car is used on a two-lane roadway. Moving operations shall be confined to one lane in the direction of traffic.

22. All Contractor's employees' personal vehicles, and Contractor's equipment not in operation, shall be parked a minimum of 30’ feet from the traveled roadway during working hours, so as to not create any hazards.

23. The Traffic Control Plan is not all-inclusive. The TCP provides several detailed drawings indicating the traffic control necessary for the different construction activities anticipated for this project. The Contractor shall select the best ALDOT or MUTCD Typical Application (TA) detailed drawing or figure that best fits the activity to be performed.

24. The Contractor shall make provisions for the safety of pedestrian traffic crossing the work zones during construction.

25. All signs shall be post-mounted if the work period exceeds four (4) days, except for those signs which are mounted on barricades. For repeated day operations, signs may be mounted on temporary supports and removed daily, upon completion of the day's operation.

26. Signs on temporary supports are to be removed or covered when no work is being performed or at the completion of the day's operation.

27. Channelizing Drums shall be placed on 10’ intervals in radii, on 25’ intervals throughout all tapers, and placed to protect completed work not open to traffic on 50’ intervals. Reflective Traffic Cones shall be 36” or taller, clean and in good repair.

28. Staff mounted and hand-held STOP/SLOW paddles shall be in good repair, clean and proper size**.**

29. Hand Signaling Flags shall be made of florescent orange or red semi-flexible vinyl with heat-sealed welt securely fastened to a staff of at least 36” in length. Flags shall be clean and in good repair.

30. The Contractor shall close the lane adjacent to the work area anytime work outside the existing travel lanes encroaches within 2’ feet of the existing edge of pavement.

2027 SHELBY COUNTY GUARDRAIL REPAIR PROJECT

SUMMARY OF QUANTITIES

FY-27		206D-001	206E-008	630A-001	630C-077	630C-078	630C-079	630C-080	713A-000		SCP-59-984-26	
Work Site	County Road #:	Remove Guardrail LF	Remove Anchor (All Type) EA	Install Steel Beam Guardrail LF	Install Anchor Type-8 EA	Anchor Type-10 (SRT-27) EA	Anchor Type-13 (MASH) EA	Anchor Type-20 (SoftStop) EA	Permanent Barricade (MASH) LF	Full or Half-Round EA	City / Town	Locations
1	CR-29		1					1			Hoover	Between CR-366 & CR-14
2	CR-275	12.5	1					1			Pelham	Off of AL-261 near US-31
3	CR-275		1					1			Hoover	Old MGM Hwy / Lower Lorna
4	CR-33		1					1			Pelham	Home Depot / KOA camping
5	CR-11		1					1			Alabaster	I-65 Overpass near CR-68
6	CR-52	25	1	25		1					Pelham	Curve @ Dearing Downs Dr
7	CR-52	25		25							Helena	**RADIUS** at CR-95
8	CR-52	25		25							Helena	Morgan Road-Cahaba Bridge
9	CR-26	62.5		37.5						5	Alabaster	**RADIUS:** RacTrack off US-31
10	CR-339								25		Saginaw	Camp Branch Road
11	CR-42		1					1			Shelby	Waxahatchee (CR-86 & 37)
12	CR-311		1					1			Shelby	Between AL-145 & CR-47
13	CR-46	25	2	25				2			Shelby	Shelby Elementary & AL-145
14	CR-61		1			1					Wilsonville	Bulley Creek Box Culvert
15	CR-36								25		Chelsea	Sullivan Drive
16	CR-47	100		100							Chelsea	Bridge CR-39 & RR X-ing
17												
18												
19												
20												
21												
22												
TOTAL		275	11	237.5	0	2	0	9	50	5		

All currently known damaged locations are listed above. However, this contract is a continuous **"On-Call"** contract to make additional repairs when needed until the end of the Fiscal Year.

Contractor will be **"On-Call"** for quick responses and repairs for unexpected safety damages.

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FY27 GUARDRAIL WORK SITE LOCATIONS

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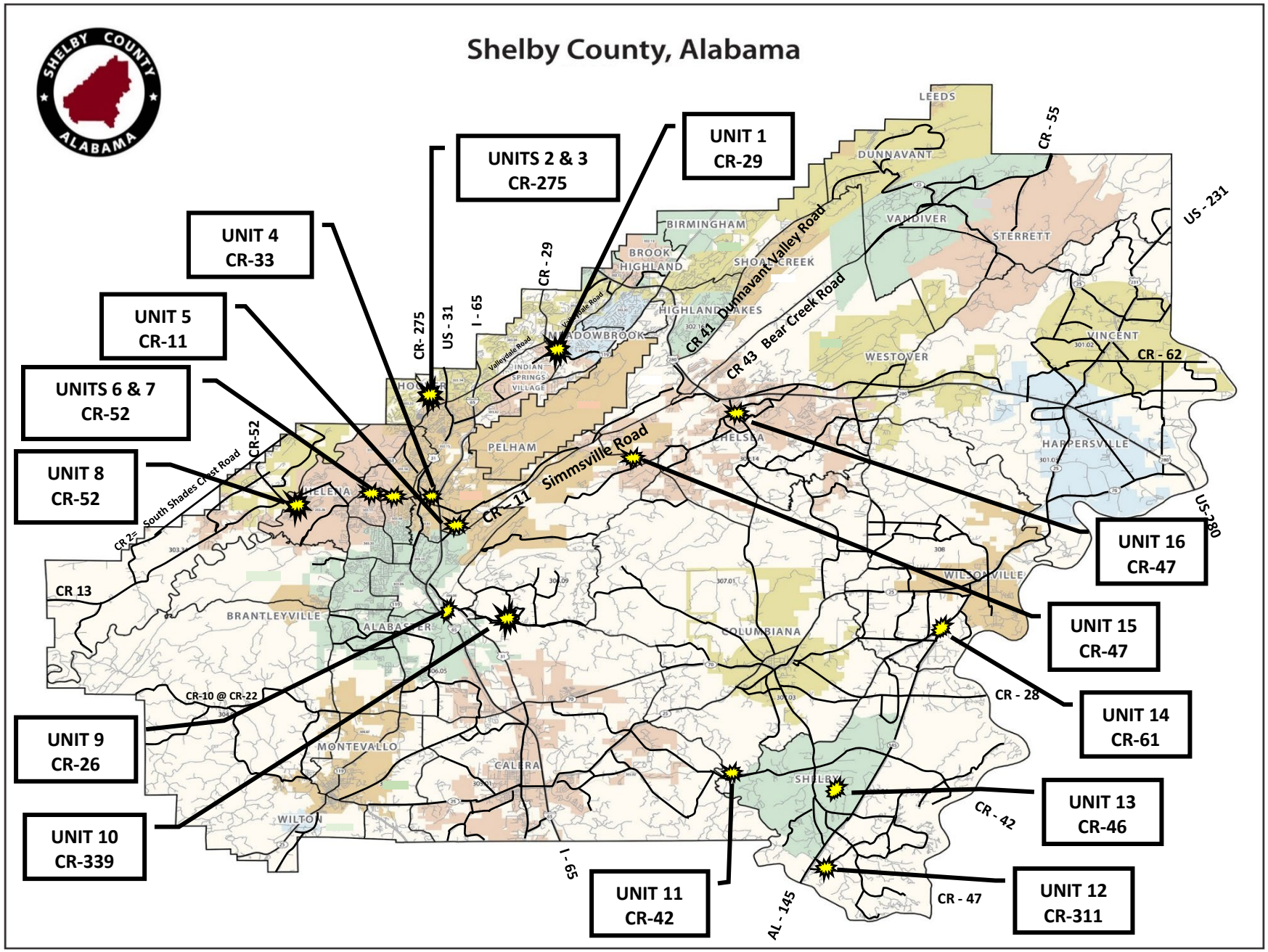

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UNIT-1

ROUTE #: CR-29
CITY / TOWN: HOOVER
LOCATION: BETWEEN CR-14 AND INDIAN CREST DR. (CR-366)

SCOPE OF WORK: 1. REMOVE ONE (1) END ANCHOR
2. INSTALL ONE (1) TYPE-20 (SOFTSTOP)

LOOKING DOWNHILL (SOUTHBOUND)



LOOKING UPHILL (NORTHBOUND)



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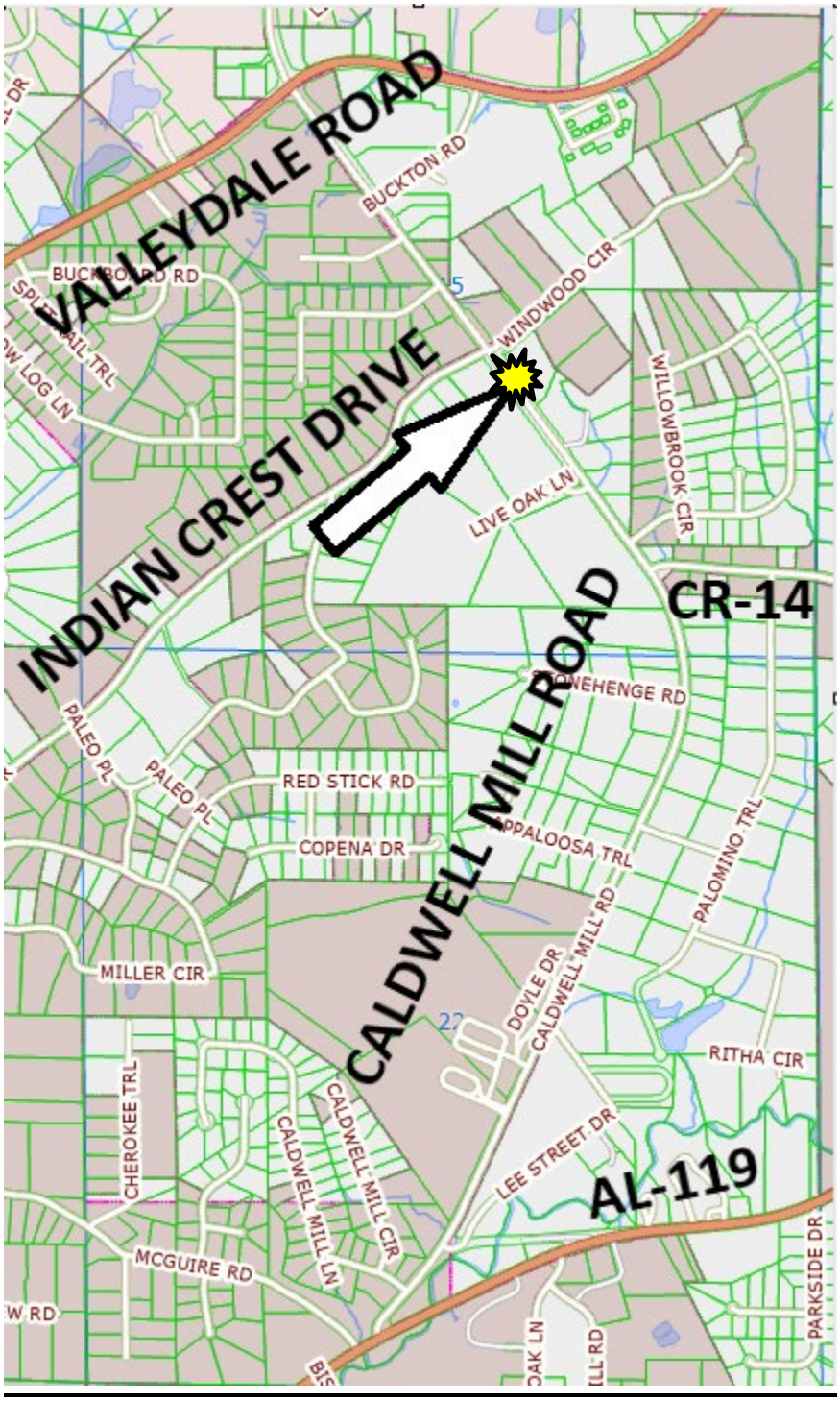
UNIT-1

VICINITY MAP

HOOVER



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UNIT-2

ROUTE #: CR-275
CITY / TOWN: PELHAM OFF OF AL-261 NEAR US-31
LOCATION: 2085 OLD MONTGOMERY HWY

SCOPE OF WORK:
1. REMOVE ONE (1) END ANCHOR
2. REMOVE 12.5’ LF OF GUARDRAIL
3. INSTALL ONE (1) TYPE-20 (SOFTSTOP)



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
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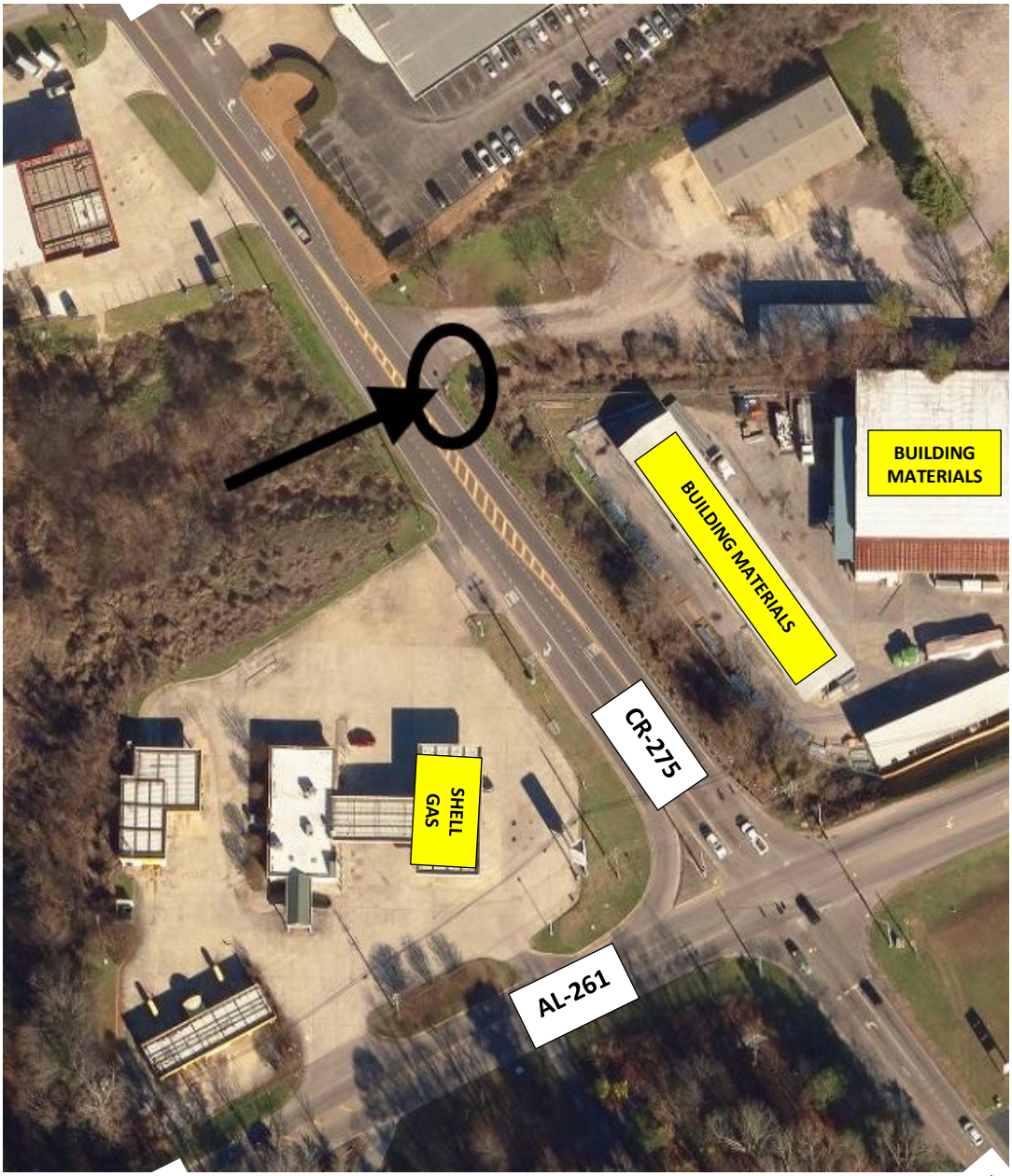
UNIT-2

VICINITY MAP

PELHAM



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
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UNIT-3

ROUTE #: CR-275
CITY / TOWN: HOOVER OFF OF AL-261 (GALLARIA SHORT-CUT)
LOCATION: LOWER LORNA ROAD / OLD MONTGOMERY HWY

SCOPE OF WORK: 1. REMOVE ONE (1) END ANCHOR
2. INSTALL ONE (1) TYPE-20 (SOFTSTOP)



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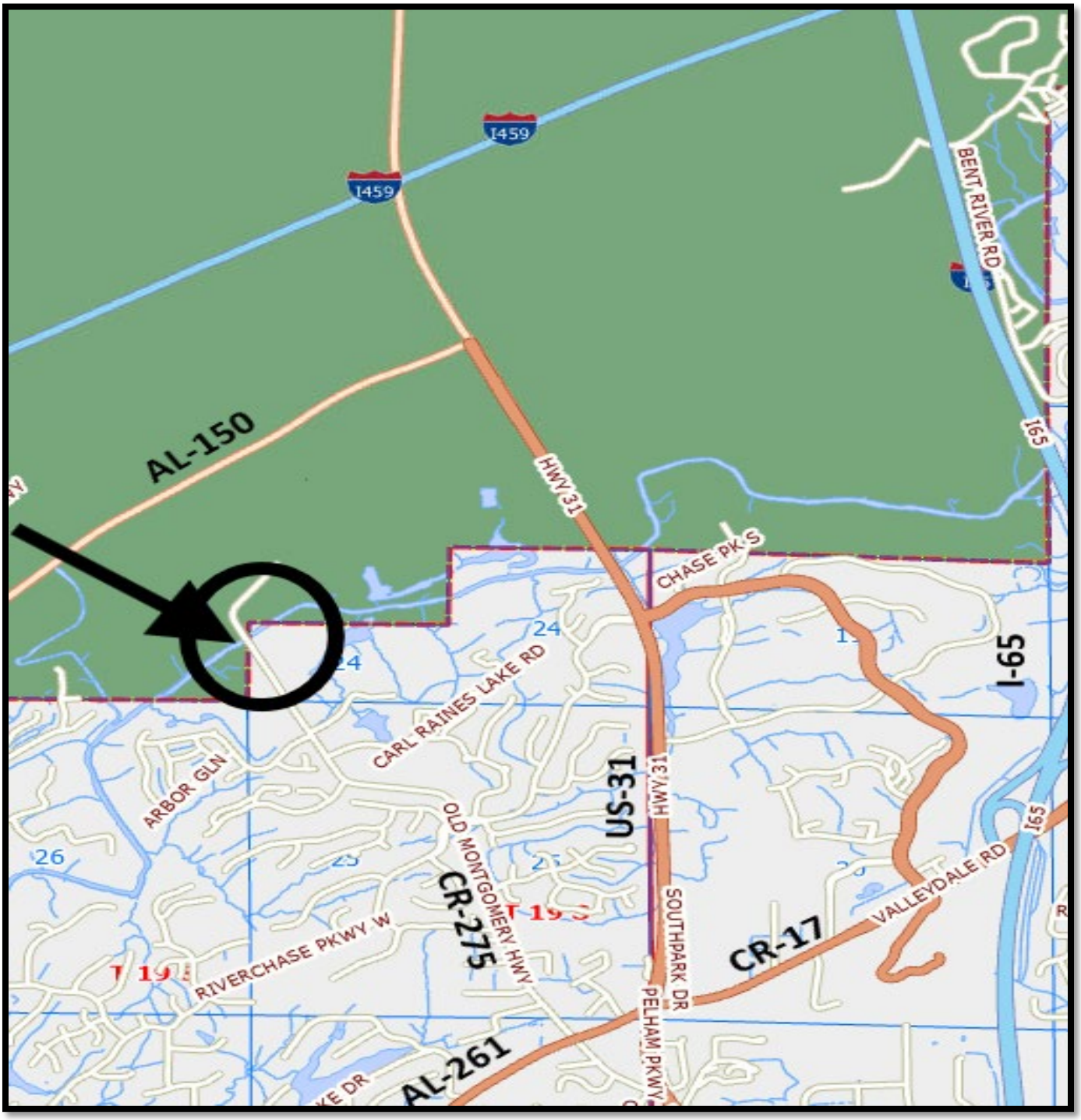
UNIT-3

VICINITY MAP

HOOVER



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
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UNIT-4

ROUTE #: CR-33
CITY / TOWN: PELHAM OFF OF I-65 TANK FARM EXIT # 242
LOCATION: BELOW HOME DEPOT & PAST KOA CAMPGROUNS

SCOPE OF WORK: 1. REMOVE ONE (1) END ANCHOR
2. INSTALL ONE (1) TYPE-20 (SOFTSTOP)





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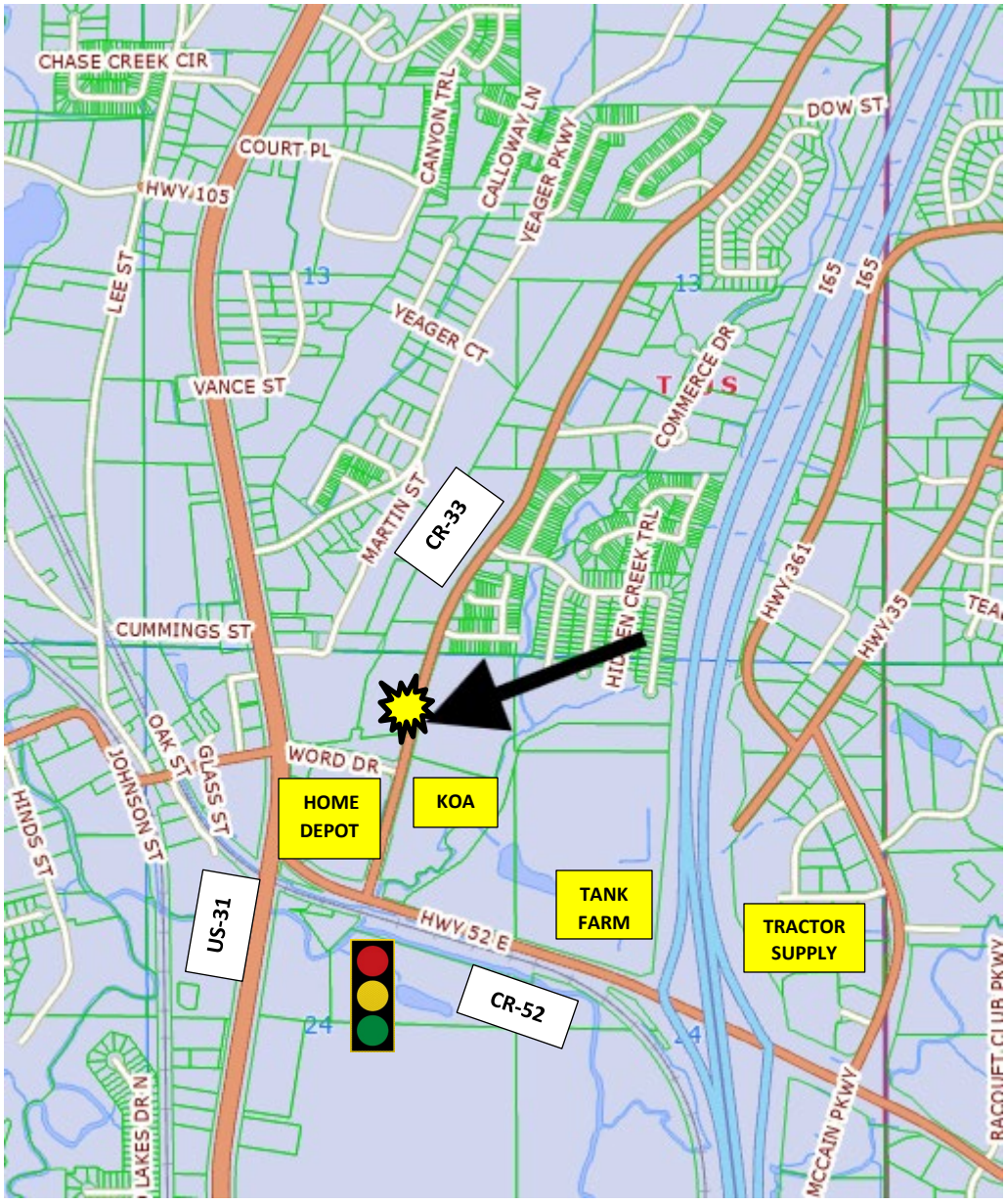
UNIT-4

VICINITY MAP

PELHAM



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
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UNIT- 5

ROUTE #: CR-11
CITY / TOWN: ALABASTER
LOCATION: I-65 OVERPASS AT CAR WASH NEAR CR-68
VICINITY: WEATHERLY SUBDIVISION & JOE'S ITALIAN

SCOPE OF WORK: 1. REMOVE ONE (1) END ANCHOR
2. INSTALL ONE (1) TYPE-20 (SOFTSTOP)





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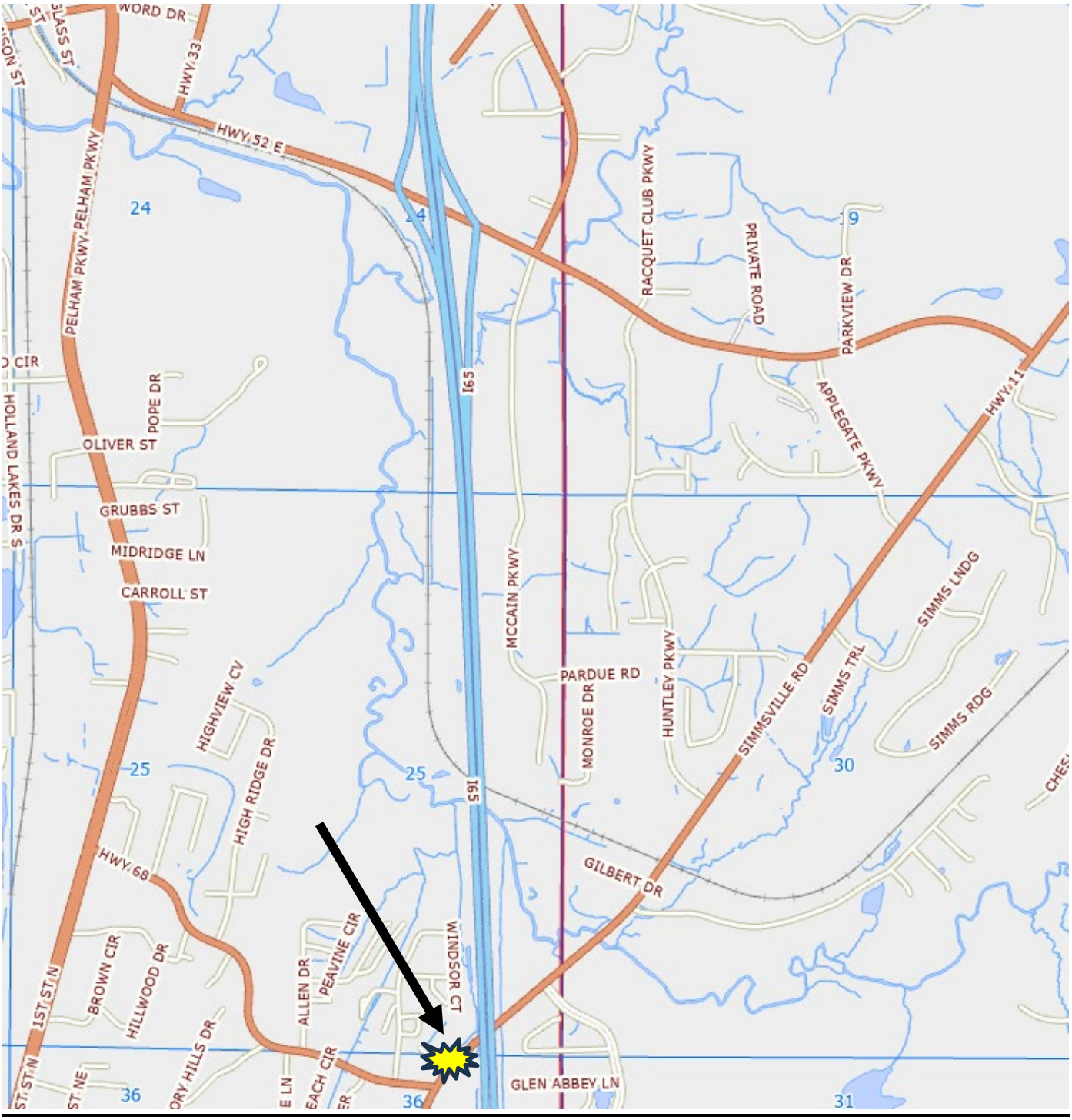
UNIT-5

VICINITY MAP

ALABASTER



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UNIT-6

ROUTE #: CR-52
CITY / TOWN: PELHAM (DEARING DOWNS)
LOCATION: BETWEEN PELHAM HEIGHTS & CR-279

SCOPE OF WORK:
1. REMOVE ONE (1) END ANCHOR
2. REMOVE 25’ GUARDRAIL
3. INSTALL 25’ GUARDRAIL
4. INSTALL ONE (1) TYPE-10





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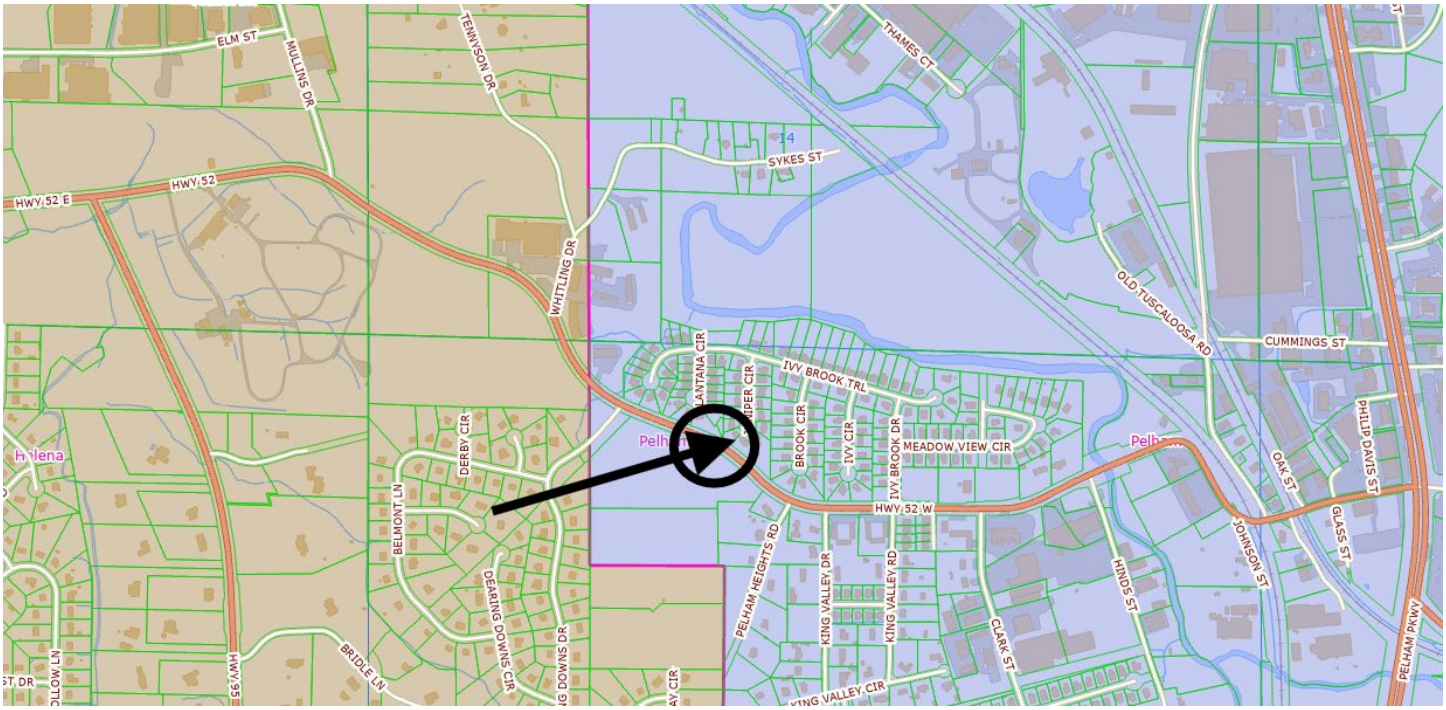
UNIT-6
VICINITY MAP
PELHAM





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UNIT-7

ROUTE #: CR-52
CITY / TOWN: PELHAM / HELENA
ROADWAY: CR-95
LOCATION: ROAD INTERSECTION AT TRAFFIC SIGNAL

SCOPE OF WORK:

1. REMOVE GUARDRAIL= 25’ LF
2. INSTALL GUARDRAIL= 25’ LF RADIUS RAIL





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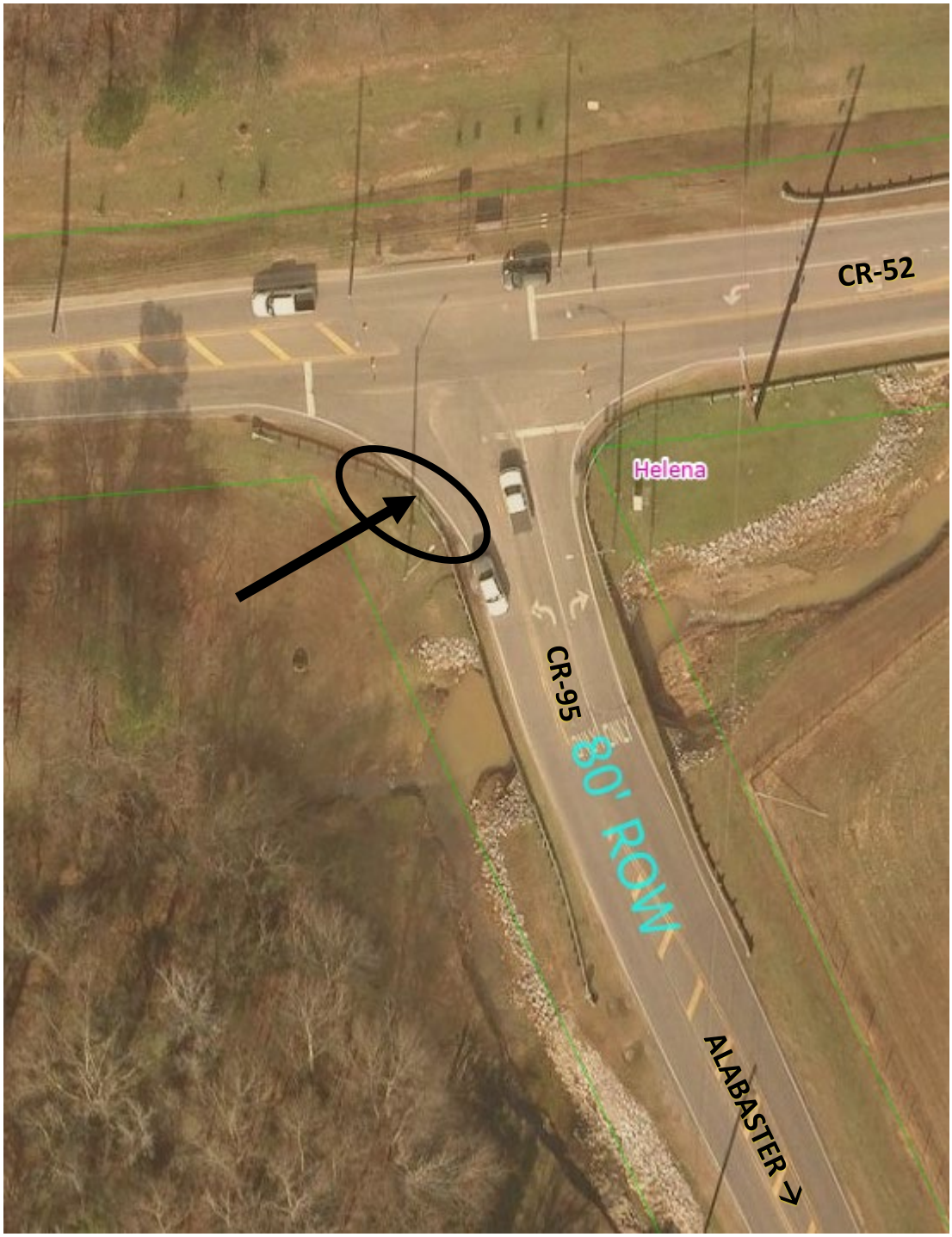
UNIT-7

VICINITY MAP

PELHAM - HELENA



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
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UNIT-8

ROUTE #: CR-52
CITY / TOWN: HELENA
ROADWAY: MORGAN ROAD
LOCATION: WESTBOUND OVER CAHABA RIVER BRIDGE
SCOPE OF WORK:

1) REMOVE GUARDRAIL= 25’ LF
2) INSTALL GUARDRAIL= 25’ LF



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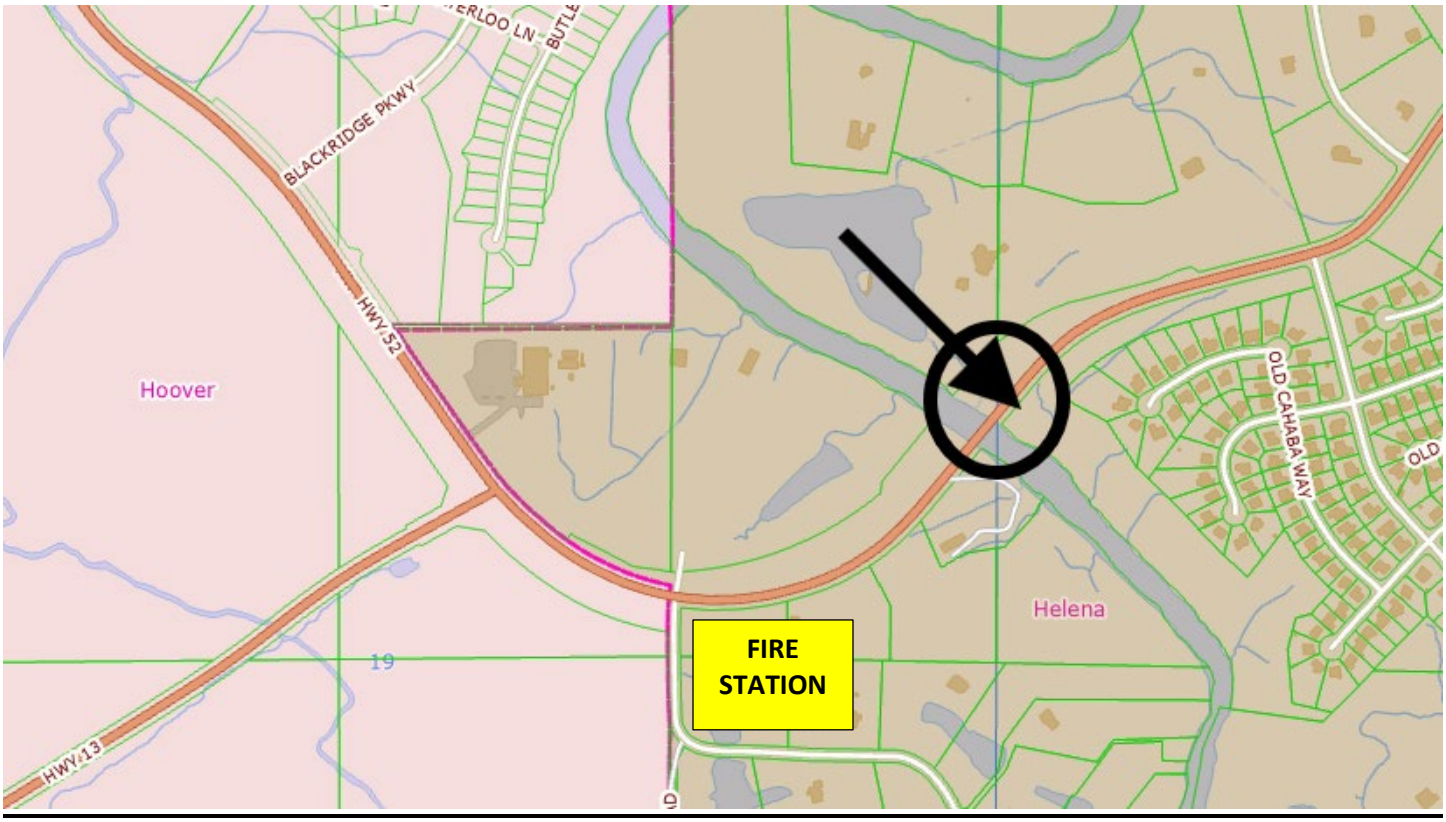
UNIT-8

VICINITY MAP

HELENA



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
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UNIT-9

ROUTE #: CR-26
CITY / TOWN: ALABASTER
BUSINESS: RACE-TRAC GAS STATION
ROADWAY: FULTON SPRINGS ROAD (CR-26)
LOCATION: JUNCTION OF CR-26 AND US-31
SCOPE OF WORK:

1. REMOVE DAMAGED GUARDRAIL (62.5’ LF)
2. INSTALL 37.5’ LF “RADIUS RAIL”
3. INSTALL FIVE (5) HALF-ROUND & FULL-ROUNDS



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UNIT-9

VICINITY MAP

ALABASTER

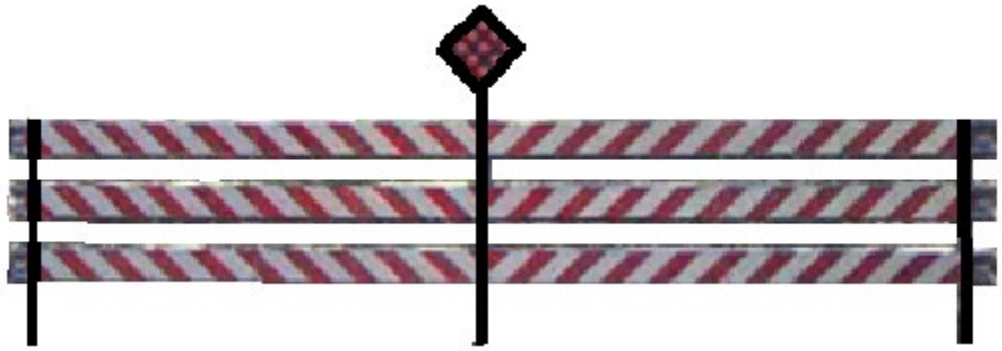


SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	23	37-A

UNIT-10

ROUTE #: CR-339
ROADWAY: CAMP BRANCH ROAD
CITY / TOWN: ALABASTER / SAGINAW

SCOPE OF WORK: PERMAMENT "CLOSED ROAD" BARRICADE
LENGTH: 25' LF



MATERIAL: CORRUGATED 3-RAIL STEEL BEAMS
CLASS-A, TYPE-I "W"

ALUMINUM PANELS WITH RED & WHITE REFLECTIVE SHEETING

BLACK 18" SQUARE TYPE 1-A HAZARD MARKER WITH NINE (9) RED REFLECTOR BUTTONS

GENERAL NOTES:

1. ALL EXISTING UNDERGROUND UTILITIES WILL REMAIN IN-PLACE.
2. ASPHALT ROADWAY WILL BE REMOVED BY COUNTY FORCES.
3. ATT WILL NEED TO HAVE ACCESS TO THE PHONE CABINETS.
4. RESIDENTAIL GRAVEL DRIVEWAY WILL REMAIN IN-USE.

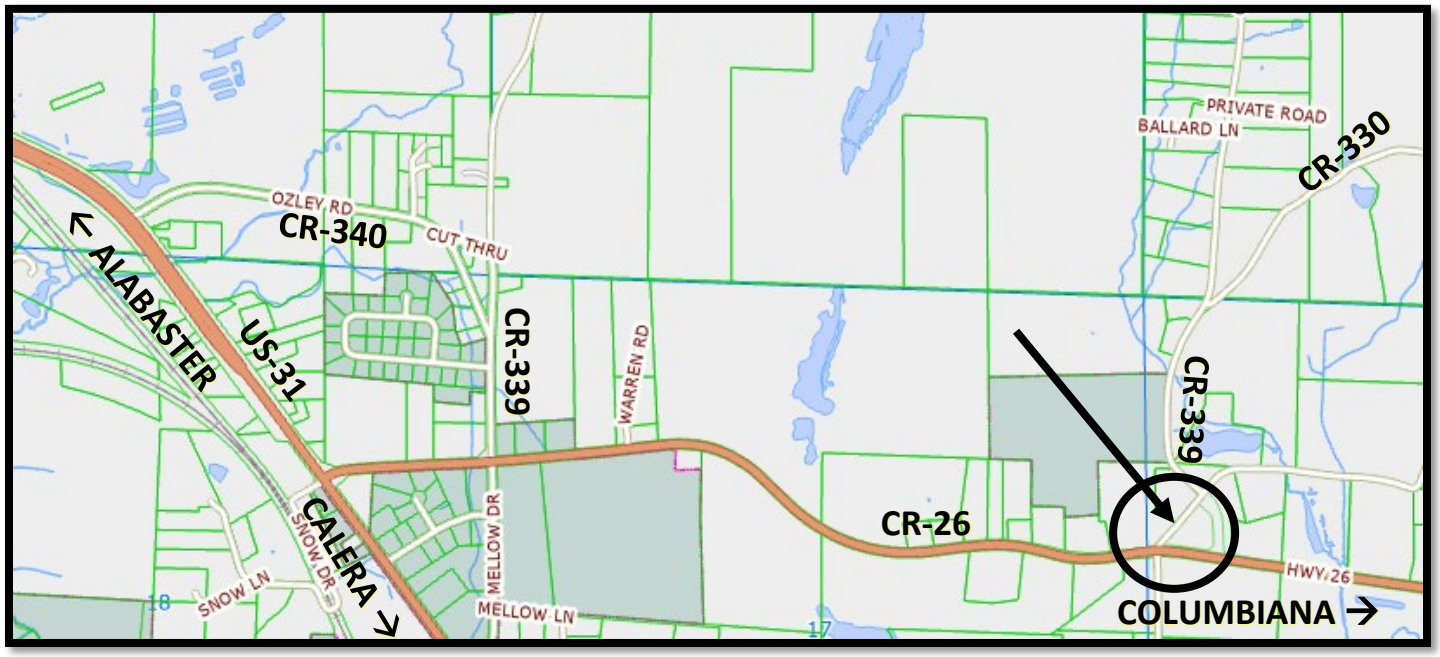
SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	24	37-A

UNIT-10

VICINITY MAP

ALABASTER / SAGINAW

CAMP BRANCH COMMUNITY





SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	25	37-A

UNIT- 11

ROUTE #: CR-42
CITY / TOWN: SHELBY
LOCATION: WAXAHATCHEE CREEK (TWIN BRIDGE)
VICINITY: BETWEEN CR-86 AND CR-37

SCOPE OF WORK: 1. REMOVE ONE (1) END ANCHOR
2. INSTALL ONE (1) TYPE-20 (SOFTSTOP)

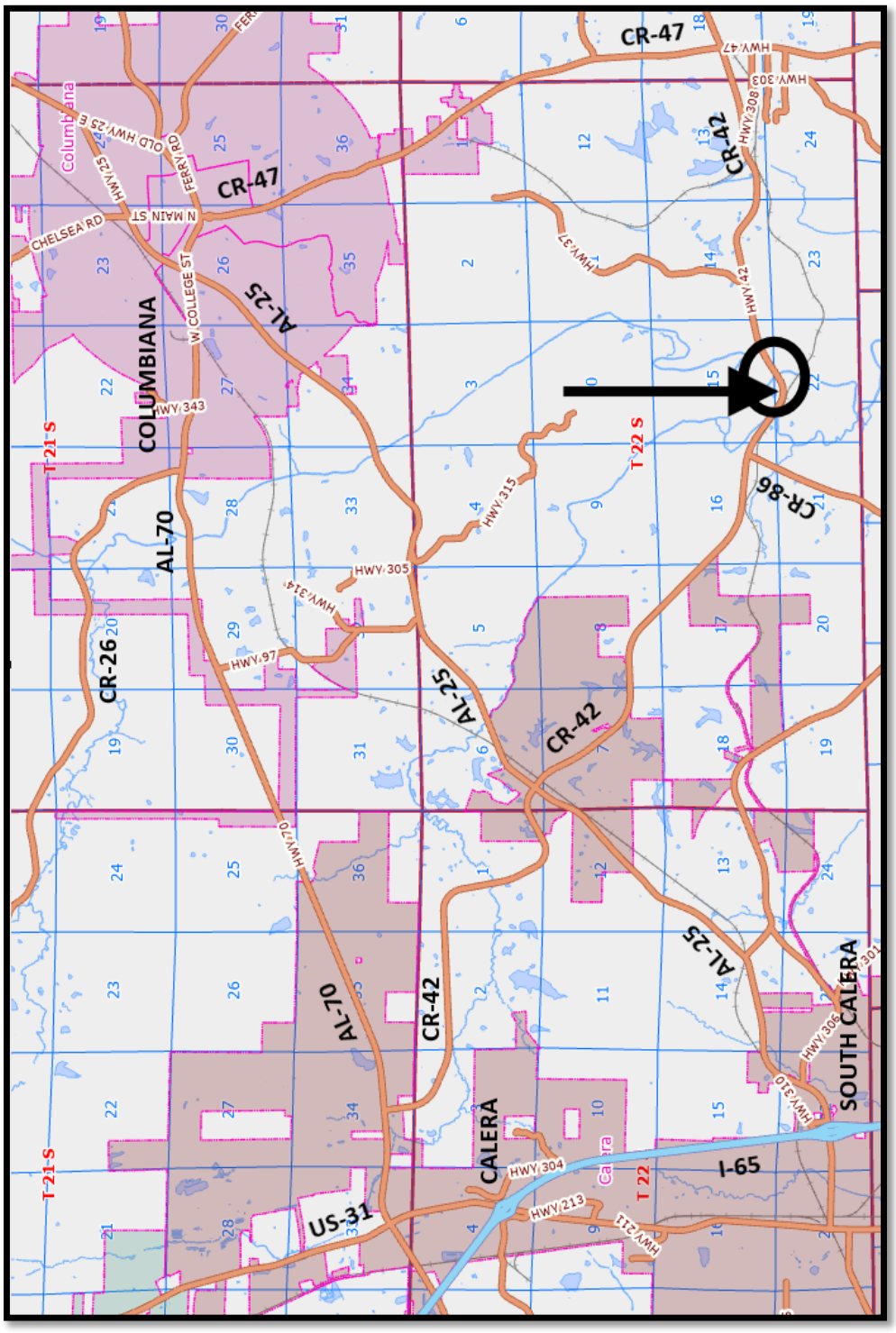


SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	26	37-A

UNIT-11

VICINITY MAP

SHELBY



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	27	37-A

UNIT- 12

ROUTE #: CR-311
CITY / TOWN: SHELBY
LOCATION: BETWEEN AL-145 & CR-47 CROSSING MILL CREEK

SCOPE OF WORK: 1. REMOVE ONE (1) END ANCHOR
2. INSTALL ONE (1) TYPE-20 (SOFTSTOP)

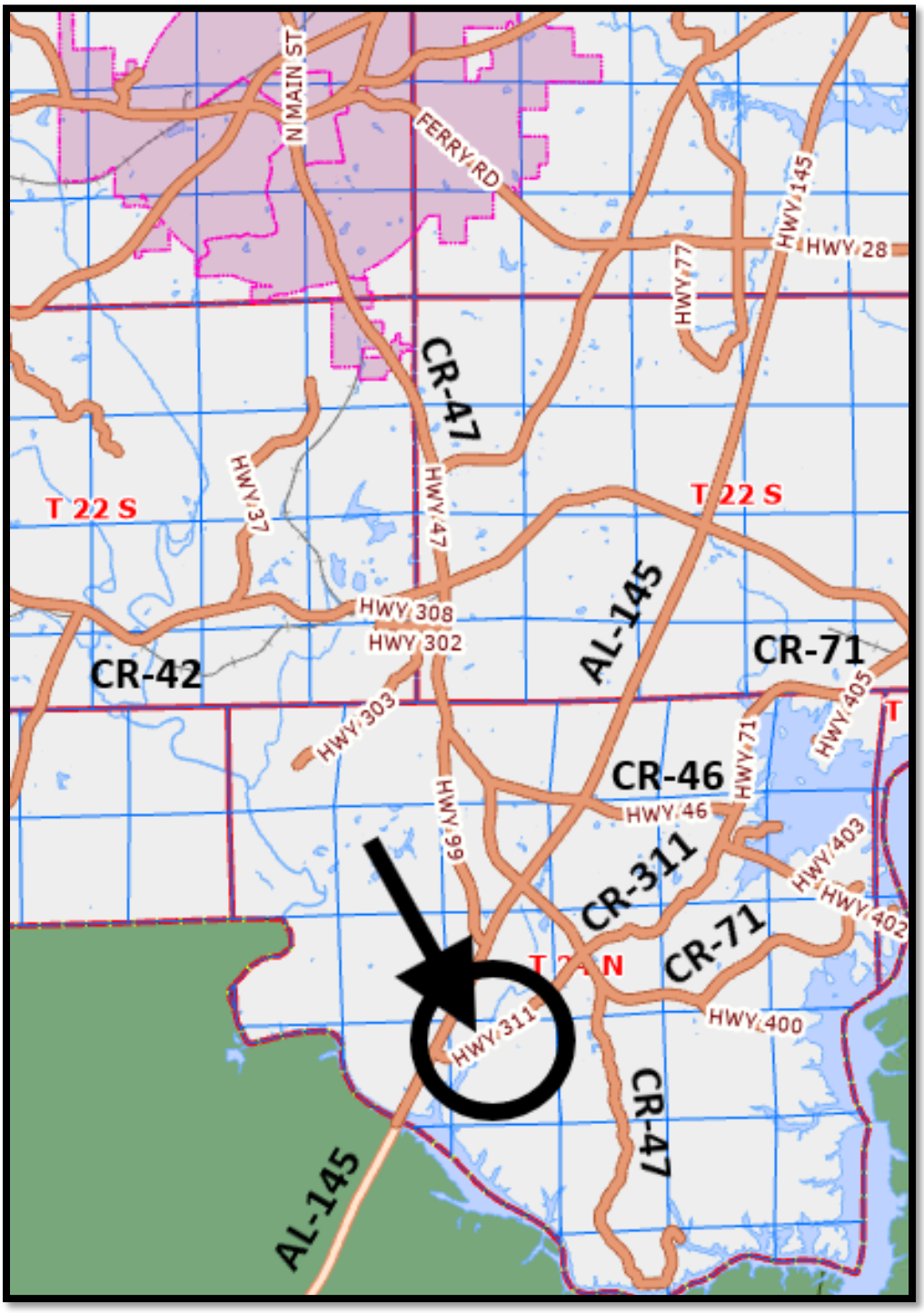


SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	28	37-A

UNIT-12

VICINITY MAP

SHELBY (CR-311)



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	29	37-A

UNIT-13

ROUTE #: CR-46
CITY / TOWN: SHELBY (ELEMENTARY SCHOOL)
LOCATION: BETWEEN AL-145 & CR-47

LOOKING WEST TOWARDS CR-47



LOOKING EAST TOWARDS AL-145

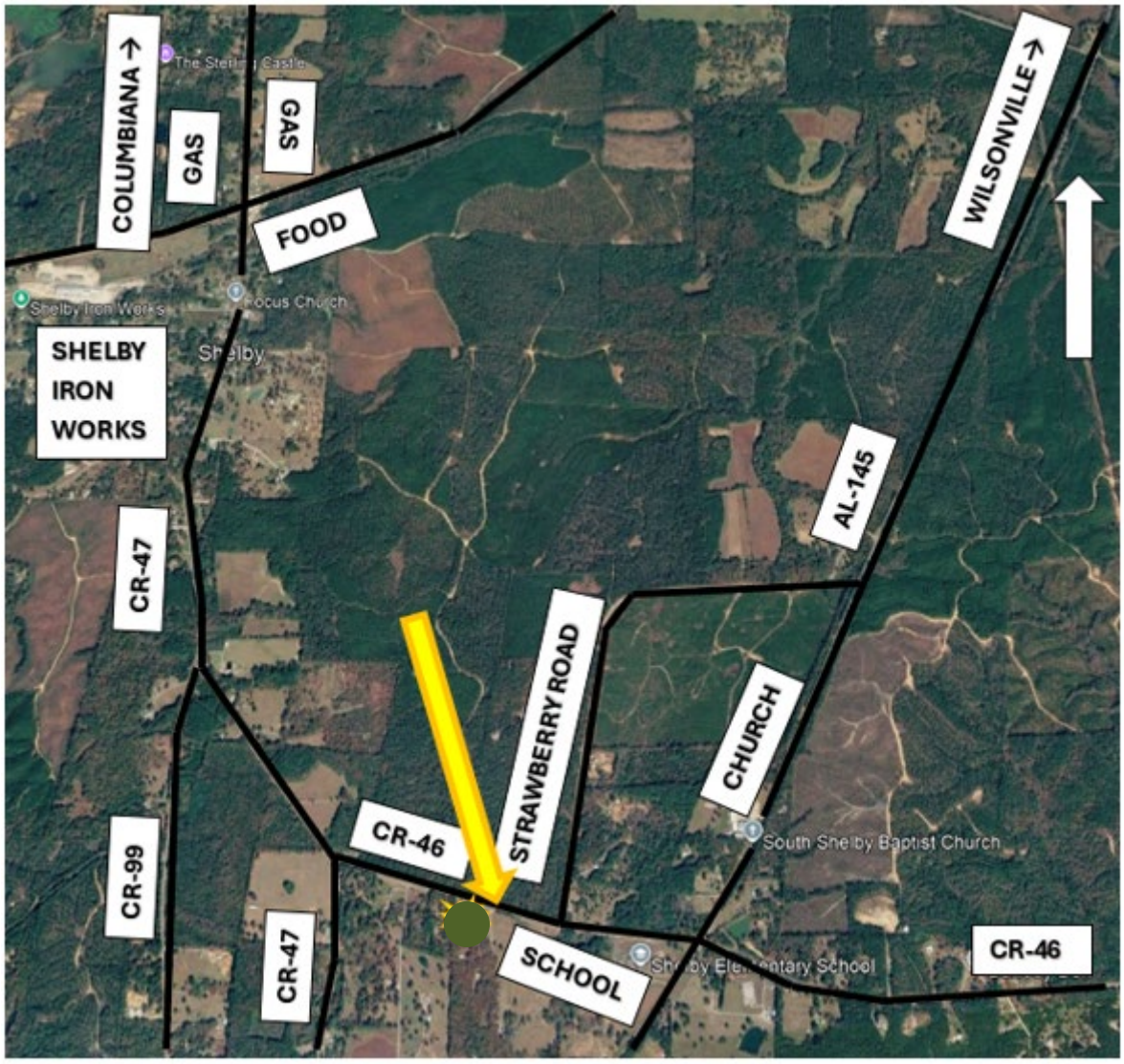


SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	30	37-A

UNIT- 13

VICINITY MAP

ROUTE #: CR-46
LANDMARK: SHELBY ELEMENTARY SCHOOL
LOCATION: STRAWBERRY ROAD
SCOPE OF WORK:
1. REMOVE TWO (2) END ANCHORS
2. REMOVE 25’ DAMAGED GUARDRAIL
3. INSTALL 25’ STEEL BEAM GUARDRIAL
4. INSTALL TWO (2) TYPE-20 (SOFTSTOP)



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	31	37-A

UNIT- 14

ROUTE #: CR-61
CITY / TOWN: WILSONVILLE
LOCATION: BETWEEN AL-145 AND OLD LOCKEY FERRY RD

SCOPE OF WORK:
1. REMOVE ONE (1) END ANCHOR
2. INSTALL ONE (1) TYPE-10

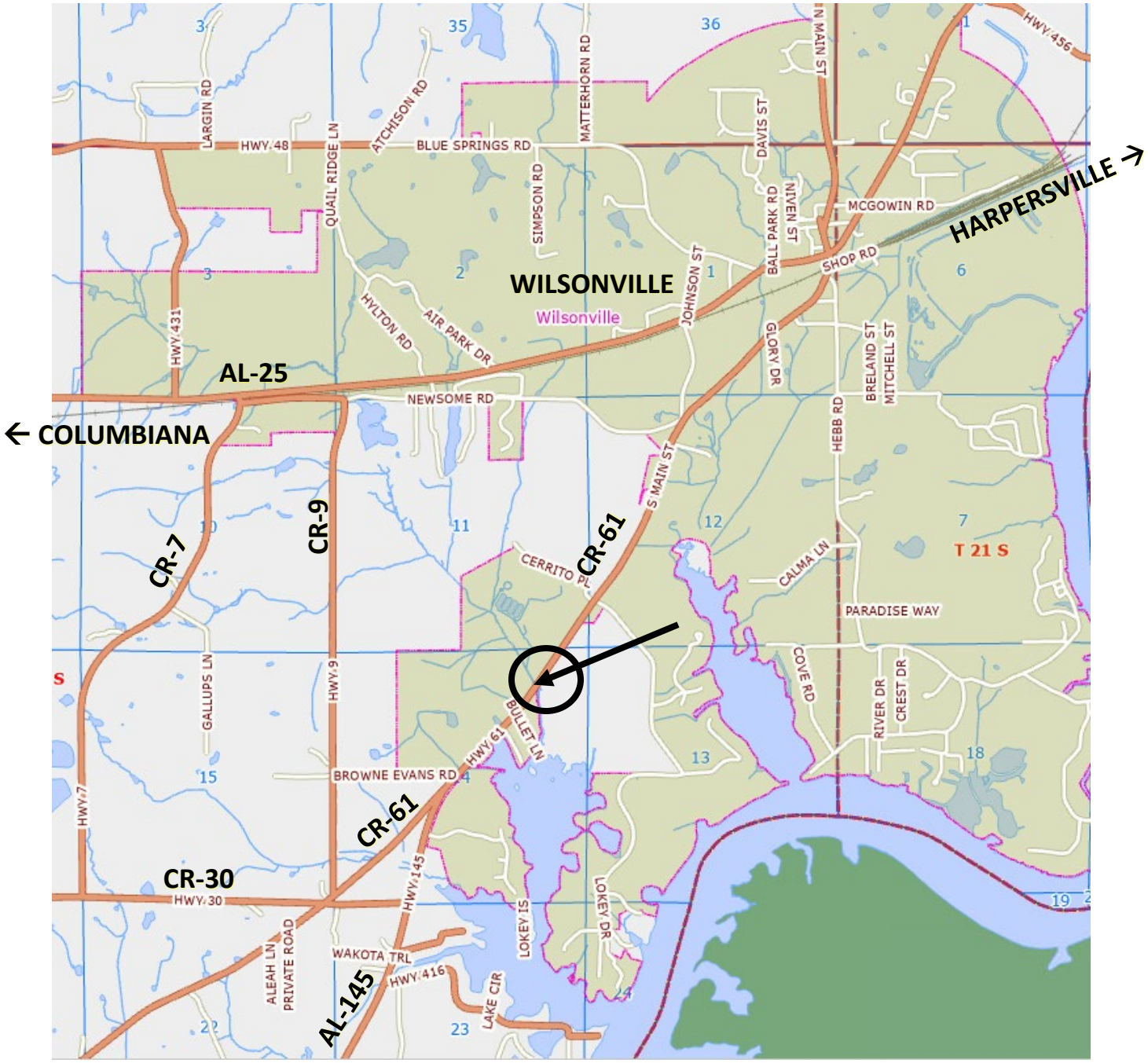


SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	32	37-A

UNIT-14

VICINITY MAP

WILSONVILLE

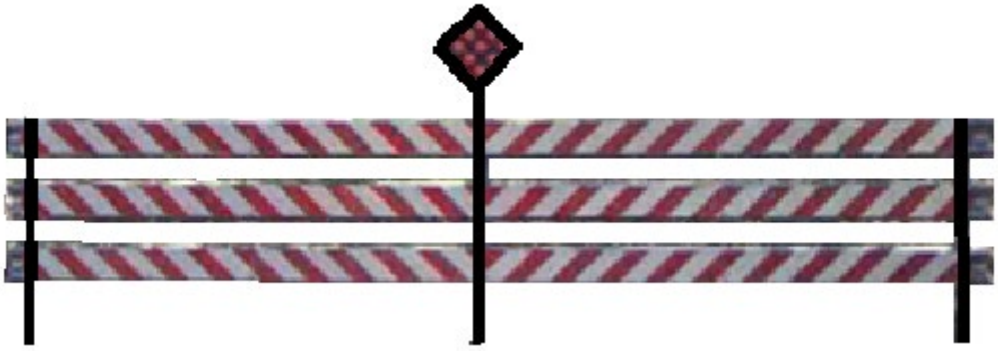


SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	33	37-A

UNIT-15

ROUTE #: CR-36
ROADWAY: SULLIVAN DRIVE
CITY / TOWN: CHELSEA / SIMMSVILLE

SCOPE OF WORK: PERMAMENT "CLOSED ROAD" BARRICADE
LENGTH: 25' LF



MATERIAL: CORRUGATED 3-RAIL STEEL BEAMS
CLASS-A, TYPE-I "W"

ALUMINUM PANELS WITH RED & WHITE REFLECTIVE SHEETING

BLACK 18" SQUARE TYPE 1-A HAZARD MARKER WITH NINE (9) RED REFLECTOR BUTTONS

SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	34	37-A

UNIT-15

SIMMSVILLE / CHELSEA

SULLIVAN DRIVE

INSTALL: PERMANENT ROAD CLOSED BARRICADE



SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	35	37-A

UNIT 16

ROUTE #: CR-47
ROADWAY: CHELSEA HIGHWAY
CITY / TOWN: CHELSEA
LOCATION: BETWEEN CR-39 AND CHESSER-CRANE ROAD

SCOPE OF WORK: GUARDRAIL HAS BEEN DAMAGED IN MULTIPLE LOCATIONS ON BOTH SIDES OF THE BRIDGE.

REMOVE GUARDRAIL= 100’ LF
INSTALL GUARDRAIL= 100’ LF





SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	36	37-A

UNIT-16

VICINITY MAP

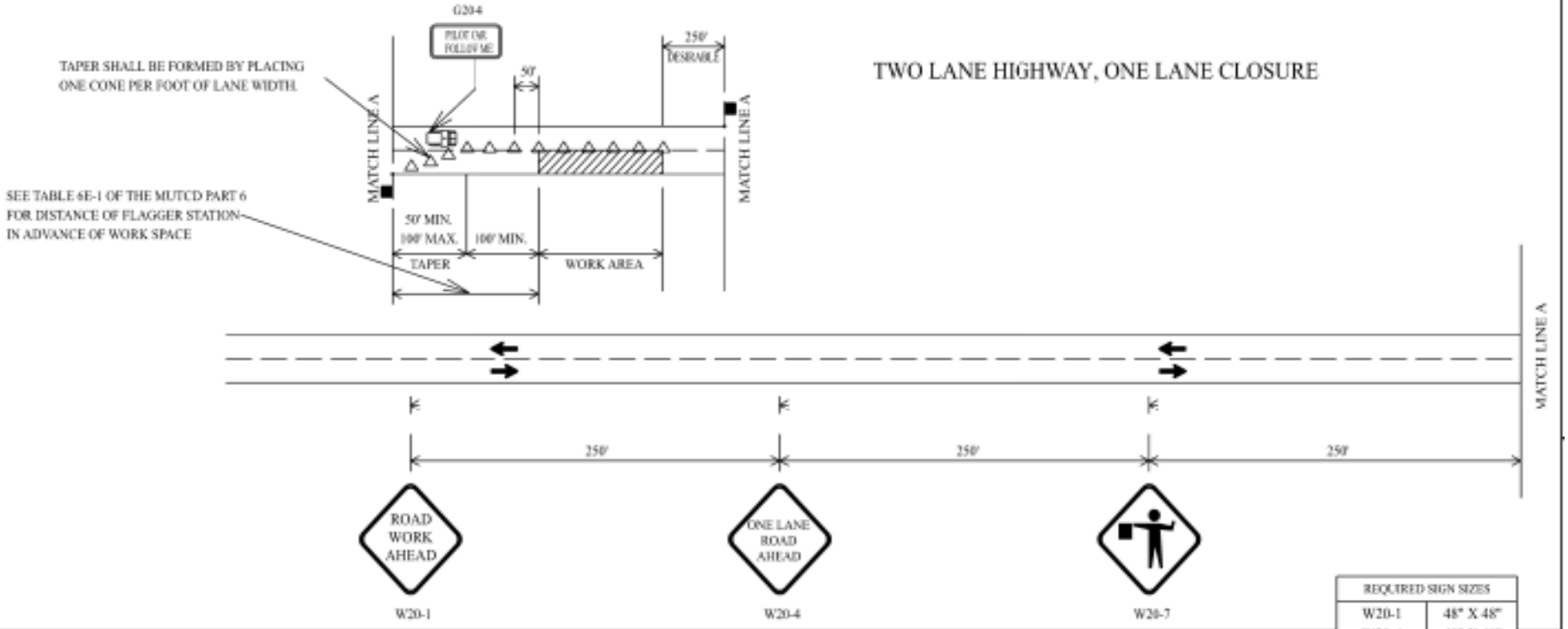
←INVERNESS



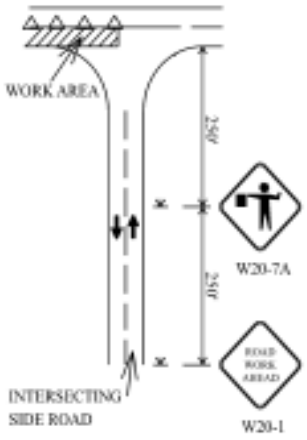
HARPERSVILLE →

TRAFFIC CONTROL PLAN SHEET

TWO LANE HIGHWAY, ONE LANE CLOSURE



REQUIRED SIGN SIZES	
W20-1	48" X 48"
W20-4	48" X 48"
W20-7	48" X 48"
G20-4	36" X 18"



TRAFFIC CONTROL FOR INTERSECTING SIDE ROADS WITHIN WORK AREA

NOTE: THE W20-1 AND W20-7A SIGNS TO BE USED ON INTERSECTING ROADS SHALL BE 36"X36" IN SIZE. THE TEMPORARY MOUNTED W20-1 ROAD WORK AHEAD SIGN SHOWN ON THE SIDE ROAD WILL NOT BE REQUIRED IF ONE IS ALREADY POST MOUNTED ON THE SIDE STREET.

LEGEND

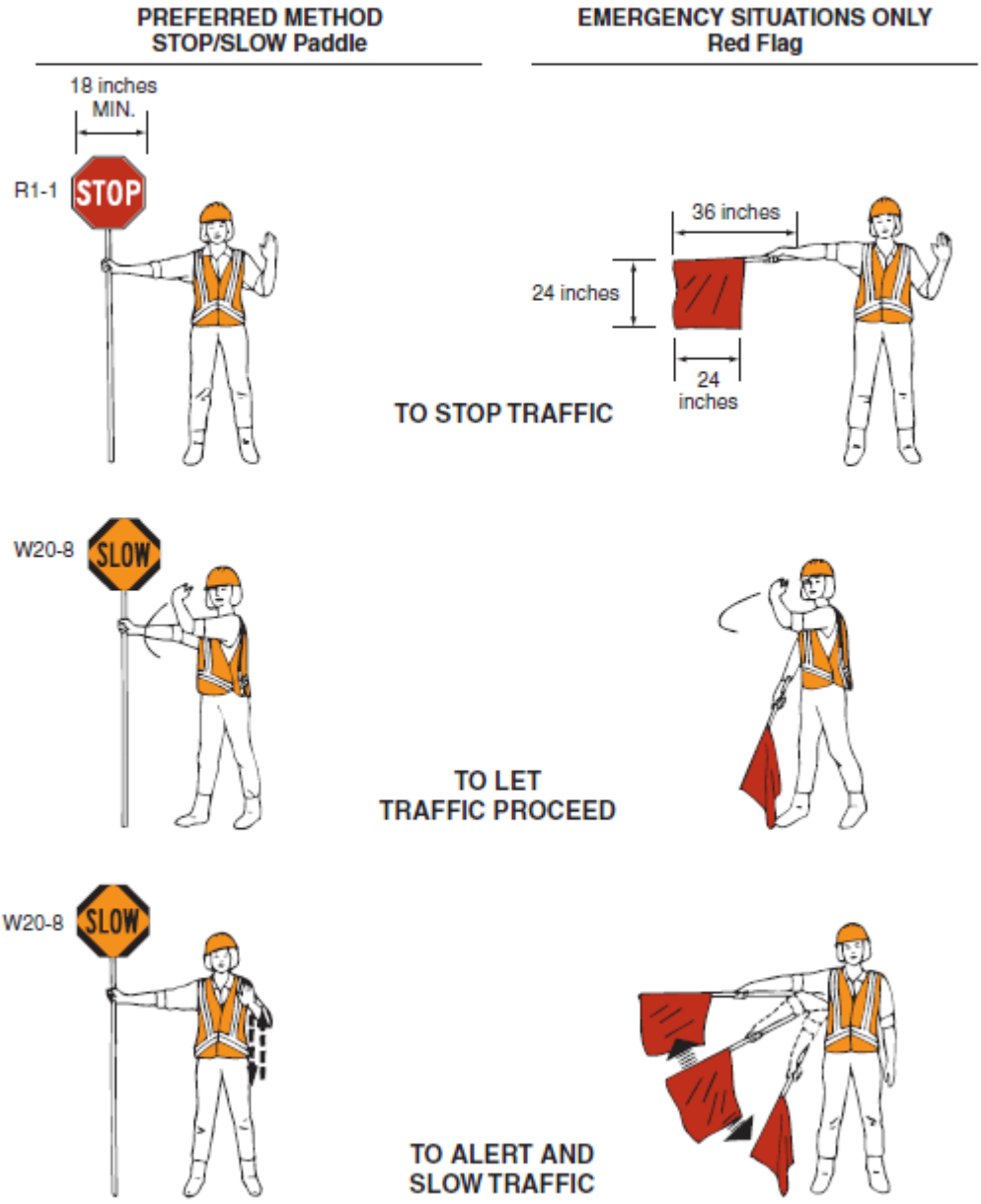
- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CONE WITH BALAST
- FLAGGER

TRAFFIC CONTROL DETAIL FOR TWO LANE HIGHWAYS

SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	37	37-A

SHELBY COUNTY PROJECT NUMBER	FISCAL YEAR	SHEET NO.	LAST SHEET
SCP-59-984-26	2027	37-A	37-A

Figure 6E-3. Use of Hand-Signaling Devices by Flaggers



END OF 2027 GUARDRAIL CONSTRUCTION PLANS