OLD GUN ROAD SAFETY IMPROVEMENTS

ROADSIDE HAZARD & TREE REMOVAL PLAN CHESTERFIELD COUNTY, VIRGINIA

SHEET INDEX

TITLE SHEET

TRANSPORTATION MANAGEMENT PLAN PLAN SHEETS

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TOTAL NUMBER OF SHEETS: 37

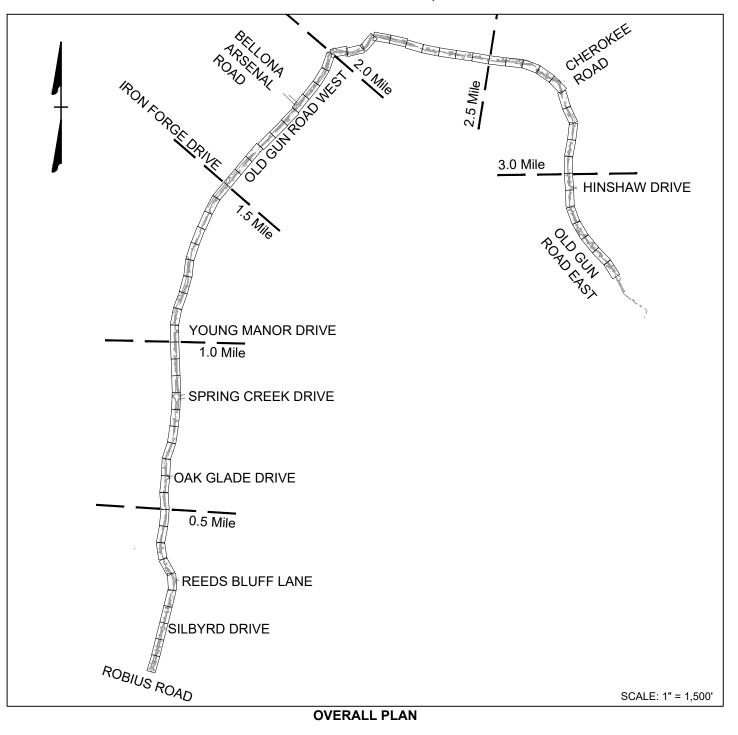
STORMWATER COMPLIANCE

STORMWATER COMPLIANCE IS NOT APPLICABLE TO THIS PROJECT. WORK IDENTIFIED IN THESE PLANS IS CLASSIFIED AS A MAINTENANCE ACTIVITY AND THERE IS NO LAND DISTURBANCE ANTICIPATED.

CHESTERFIELD COUNTY PROJECT INFORMATION

PROJECT MANAGER: NATE MATHIS, PE (804-768-7386) DISTURBED AREA: 0.00 ACRES **NEW IMPERVIOUS AREA: 0.00 ACRES** PROJECT HUC CODE: JM85 RECEIVING WATER BODY: JAMES RIVER-TUCKAHOE CREEK LATITUDE/LONGITUDE: 37.5361° N, -77.6241° W RPA IMPACTS: 0.00 ACRES

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 2, AND AS AMENDED BY THE CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.



OWNER/APPLICANT:

TRANSPORTATION DEPARTMENT **CHESTERFIELD COUNTY**

ATTN: NATE MATHIS, P.E. TELEPHONE: (804) 768-7386 E-MAIL: MATHISN@CHESTERFIELD.GOV 9800 GOVERNMENT CENTER PARKWAY CHESTERFIELD, VA 23832

ENGINEER

TIMMONS GROUP 7053 CELEBRATION PARK AVE, SUITE 300 RICHMOND, VA 23225 CONTACT PERSON: KYLE HOGAN, P.E. TELEPHONE: (804) 489-5977 E-MAIL: KYLE.HOGAN@TIMMONS.COM

NOTE: THIS IS A "NO-PLAN" PROJECT.

SURVEY SHOWN IS BASED ON PUBLICLY AVAILABLE GIS DATA AND LIMITED SURVEY FIELDWORK. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER IF EXISTING CONDITIONS ARE NOT AS SHOWN.

NOTE: ALL WORK TO BE COMPLETED WITHIN EXISTING RIGHT-OF-WAY OR A RIGHT-OF-ENTRY GRANTED BY THE PROPERTY OWNER.

CHESTERFIELD COUNTY SHALL BE RESPONSIBLE FOR SECURING RIGHT-OF-ENTRY PRIOR TO REMOVAL OF TREES ON PRIVATE PROPERTY.

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IMPROVEMENT

ROAD

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TRANSPORTATION MANAGEMENT PLAN

- 1. PROJECT CATEGORY
 - A). THIS PROJECT IS CLASSIFIED AS TYPE A.
 - 1). CONSTRUCTION CONSISTS OF TREE REMOVAL AND MINOR CLEARING OPERATIONS.
- B). THE WORK AREA IS LOCATED ON OLD GUN ROAD, FROM ROBIUS ROAD TO THE CHESTERFIELD COUNTY LINE. WORK WILL BE PERFORMED WITHIN EXISTING RIGHT OF WAY.
- C). TRAFFIC ALONG THE PROJECT CONSISTS OF PRIMARILY OF LOCAL RESIDENTS
- D). THE WORK WEEK SHALL BEGIN MONDAY MORNING AT 7:00 AM AND END FRIDAY EVENING AT 6:00 PM. THE TIME FRAMES OUTSIDE OF THESE PARAMETERS SHALL BE DEFINED AS WEEKENDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ANY ADJUSTMENTS TO THE DATES AND TIMES MENTIONED SHALL BE SUBMITTED AND APPROVED BY THE PERMITS MANAGER.
- E). THERE ARE NO IDENTIFIED AREAS WITHIN THE RIGHT OF WAY FOR THE CONTRACTOR TO STORE EQUIPMENT & MATERIALS. NO RIGHT OF WAY USAGE WILL BE PERMITTED.
- 2. TEMPORARY TRAFFIC CONTROL (TTC) PLAN
 - A). MAJOR COMPONENTS WILL CONSIST OF GENERAL NOTES AND SPECIAL DETAILS.
 - B). SPECIFIC TRAFFIC CONTROL FIGURES AND NOTES FORM THE CURRENT AND/OR REVISED VERSION OF THE VIRGINIA WORK AREA PROTECTION MANUAL (2011 VA. WAPM REVISION 2.1 (NOV. 2020) & APPLICABLE I&IMs) INCLUDE, BUT ARE NOT LIMITED TO:
 - TTC-4.2 STATIONARY OPERATION ON A SHOULDER
 - TTC-23.2 LANE CLOSURE ON A TWO-LANE ROADWAY USING FLAGGERS
 - TTC-28.2 LANE CLOSURE OPERATION IN AN INTERSECTION
 - TTC-59.1 END OF DAY SIGNING FOR PARTIAL PAVING OPERATIONS ON A TWO-LANE ROADWAY
 - C). TRAFFIC SHALL NOT BE BLOCKED OR RE-ROUTED (DETOURED) WITHOUT WRITTEN PERMISSION FROM THE DISTRICT ADMINISTRATOR'S DESIGNEE. A LANE CLOSURE REQUEST FORM SHALL BE SUBMITTED TO THE DISTRICT ADMINISTRATOR'S DESIGNEE 48 HOURS PRIOR TO CLOSURE FOR ALL PRIMARY AND HIGH VOLUME SECONDARIES. CONTRACTOR TO CONTACT TRAFFIC OPERATIONS CENTER AT 804-796-4520 TO ADVISE OF LANE CLOSURE SET UP AND REMOVAL.
 - D). ALLOWABLE LANE CLOSURE HOURS

THE CONTRACTOR IS HEREBY ADVISED THAT CONSTRUCTION ACTIVITIES REQUIRING LANE CLOSURES OR OTHER TYPES OF LIMITATIONS WILL BE ALLOWED AS FOLLOWS:

ROUTE	CATEGORY	TIME OF DAY (MON-FRI)
OLD GUN ROAD	SINGLE LANE CLOSURES	9 AM - 4 PM

3. PUBLIC COMMUNICATION STRATEGIES: (COMPONENT 2)

PUBLIC COMMUNICATIONS PLAN:

CHESTERFIELD COUNTY TRANSPORTATION DEPARTMENT

PROJECT ID: _

ROUTE NUMBER: OLD GUN ROAD, CHESTERFIELD COUNTY

TRAFFIC IMPACTS:

TRAFFIC CONTROL SHALL CONSIST OF SINGLE LANE CLOSURES.

MOTORISTS SHOULD BE ALERTED TO THE POSSIBILITY OF DAYTIME LANE AND SHOULDER CLOSURES WHEN WORK BEGINS.

GOALS:

- TO INFORM THE PUBLIC ABOUT THE PROJECT.
- TO MINIMIZE DISRUPTION THROUGH PROACTIVE INFORMATION DISSEMINATION EFFORTS
- TO ESTABLISH A CRISIS COMMUNICATION PLAN

MESSAGES:

- PURPOSE OF THE PROJECT
- CONTACTS FOR MORE INFORMATION

- 4. TRANSPORTATION OPERATIONS (TO) PLAN
 - A). THIS PLAN IS NOT REQUIRED ON THIS PROJECT, HOWEVER, A CONTACT LIST OF LOCAL EMERGENCY RESPONSE AGENCIES MUST BE KEPT AND MAINTAINED THROUGHOUT THE PROJECT LIFECYCLE.

TARGET AUDIENCE	CONTACT METHOD	М	М
MOTORISTS	NEWS RELEASE, WEEKLY TRAFFIC INFORMATION (ROADWATCH) AND THE TOC	SEE PUBLIC AFFAIRS NEWS RELEASE DISTRIBUTION LIST (E-MAIL AND FAX)	RICHMOND DISTRICT CHESTERFIELD RESIDENCY: SHANNON BURKS (804) 674-2814
POLICE	PHONE	VIRGINIA STATE POLICE (800) 379-8645	
SHERIFF	PHONE	CHESTERFIELD COUNTY SHERIFF (804)748-1261	
FIRE & RESCUE	PHONE	CHESTERFIELD COUNTY FIRE & RESCUE (804) 748-1360	

). THE TRAFFIC OPERATIONS CENTER (804) 796-4520 SHALL BE NOTIFIED OF MAJOR TRAFFIC BACKUPS. THE TOC WILL MAKE ALL ENTRIES INTO SYSTEMS THAT FEED THIS INFORMATION INTO T11. THE TOC WILL ALSO MAKE NOTIFICATIONS TO DEPARTMENT STAFF, THE STAFF MANAGER AND TCC OF ANY INCIDENTS AND EXPECTED TRAFFIC DELAYS.

A REVIEW OF ALL MAJOR INCIDENTS, AS DETERMINED BY THE VDOT INSPECTOR OR THE PERMITS MANAGER, SHALL BE ACCOMPLISHED WITH 72 HOURS OF CLEARANCE OF THE INCIDIENT. VDOT INSPECTOR, PERMITS MANAGER AND THE CONTRACTOR STAFF SHALL BE REPRESENTED AT THESE MEETINGS. THE PURPOSE OF THIS REVIEW IS TO IMPLEMENT LESSONS LEARNED FROM INCIDENTS.

PERIODIC REVIEWS WITH VDOT INSPECTORS AND THE CONTRACTOR STAFF SHALL BE CONDUCTED THROUGHOUT THE LIFE OF THE PROJECT TO IDENTIFY POTENTIAL PROBLEMS.

- C). PROCEDURES TO RESPOND TO TRAFFIC INCIDENTS THAT MAY OCCUR IN THE WORK ZONE:
 - CONTRACTOR TO NOTIFY VIRGINIA STATE POLICE AND VDOT INSPECTOR IN CHARGE AND TOC.
 - DEPENDING UPON SEVERITY OF INCIDENT, CONTRACTOR MAY HAVE TO SHUT DOWN WORK.
 - INSPECTOR TO NOTIFY PERMITS MANAGER OF INCIDIENT AND TAKE PICTURES AS NECESSARY, ESPECIALLY PICTURES OF CONTRACTOR'S WORK ZONE TO VERIFY THE PROPER SETUP.
- D). PROCESS OF NOTIFICATION OF INCIDENT TO BE FOLLOWED IS:
 - CONTRACTOR TO CALL:
 - PERMIT MANAGER: SHANNON BURKS (804) 674-2814
 - COMPLIANCE/SAFETY OFFICER: REGINALD PATTERSON (804) 837-9118
 - DISTRICT PUBLIC AFFAIRS MANAGER: PUBLIC AFFAIRS OFFICE (804) 586-4455
- E). THE VIRGINIA STATE POLICE WILL TAKE CONTROL OF THE INCIDENT AND DIRECT ITS CLEARING AND RESTORATION TO NORMAL TRAFFIC CONDITIONS.
-). THE VIRGINIA STATE POLICE REPORT OF THE INCIDENT WILL BE REVIEWED BY THE PERMIT MANAGER AND THE COMPLIANCE/SAFETY OFFICER TO DETERMINE IF ANY MODIFICATION OF THE TEMPORARY TRAFFIC CONTROL PLAN IS NECESSARY. IF IT IS DETERMINED THAT IT IS NECESSARY TO ALTER THE PLAN, THEN A MEETING WILL BE CALLED WITH THE CONTRACTOR, VDOT PROJECT PERSONNEL, VDOT TRAFFIC SAFETY REPRESENTATIVES AND THE VIRGINIA STATE POLICE (IF NECESSARY) TO DISCUSS MODIFICATION AND IMPLEMENTATION OF AN IMPROVED TRAFFIC CONTROL PLAN.

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JOB NO. 46147.10

46147.10 SHEET NO. 2(1)

TRANSPORTATION MANAGEMENT PLAN

5. CRISIS COMMUNICATIONS PLAN:

- AS WITH ANY CRISIS, EMERGENCY RESPONDERS (911) SHOULD BE NOTIFIED IMMEDIATELY IF NECESSARY.
- IF THE EMERGENCY IS TRAFFIC RELATED, THE VDOT INSPECTOR OR HIS DESIGNEE SHOULD IMMEDIATELY NOTIFY THE PERMIT MANAGER AT (804) 640-3222, TRAFFIC OPERATIONS CENTER AT (804) 796-4520, AND THE PUBLIC AFFAIRS OFFICE: BETHANIE GLOVER (804) 524-6179
- THE INSPECTOR, PERMIT MANAGER, PUBLIC AFFAIRS, AND THE TOC WILL WORK TOGETHER TO INFORM THE TRAVELING PUBLIC, EMERGENCY RESPONDERS AND THE MEDIA ABOUT DELAYS AND UNEXPECTED CHANGES IN TRAFFIC PATTERNS USING THE CONTACT LIST ON THIS SHEET, AND OTHER RESOURCES IF NECESSARY.

TMP GENERAL NOTES:

- 1. ANY REQUIRED LANE CLOSURES MUST BE APPROVED IN ADVANCE BY THE VDOT CHESTERFIELD RESIDENCY OFFICE. (804-674-2800)
- 2. LANE CLOSURES AND STOPPING OF TRAFFIC SHALL ONLY BE PERMITTED BETWEEN THE HOURS OF 7:00 AM AND 6:00 PM FOR INDIAN SPRINGS ROAD OR ANY SIDE STREETS. EXCEPTIONS TO THESE LANE CLOSURE REQUIREMENTS SHALL REQUIRE PRIOR WRITTEN AUTHORIZATION FROM THE VDOT CHESTERFIELD RESIDENCY OFFICE. FOR MORE INFORMATION, SEE SEQUENCE OF CONSTRUCTION.
- 3. TRAFFIC SHALL NOT BE STOPPED ON OLD GUN ROAD OR ANY CONNECTOR ROAD FOR LONGER THAN FIVE MINUTES AT ANY TIME UNLESS OTHERWISE DIRECTED BY VDOT.
- 4. THE EXISTING SPEED LIMIT IS 35 MPH FOR OLD GUN ROAD. ALL EXISTING SPEED LIMITS SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
- 5. ALL AREAS EXCAVATED DEEPER THAN 2" (INCHES) BELOW EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE, AT THE CONCLUSION OF EACH WORKDAY, SHALL BE BACK FILLED TO FORM AN APPROXIMATE 6:1 WEDGE AGAINST THE PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COST PLACING, MAINTAINING AND REMOVING THE 6:1 WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 6. LANE CLOSURES WILL NOT BE PERMITTED ON HOLIDAYS OR SUNDAYS UNLESS OTHERWISE APPROVED IN ADVANCE BY THE ENGINEER.
- 7. ANY CONTRACT ITEM(S) NOT SPECIFICALLY NOTED IN THE MAINTENANCE OF TRAFFIC MAY BE SCHEDULED FOR CONSTRUCTION AT THE CONTRACTOR'S OPTION, AS APPROVED BY THE ENGINEER AND VDOT.
- 8. ACCESS TO ADJACENT PROPERTIES AND CONNECTING STREETS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- 9. THE FINAL SURFACE COURSE IS NOT TO BE PLACED UNTIL SUCH TIME THAT PERMANENT PAVEMENT MARKINGS CAN BE PLACED.
- 10. ALL TRAFFIC CONTROL SHALL BE SET UP AND SPACED ACCORDING TO THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, (NOVEMBER 1, 2020 REVISION) AND APPLICABLE I&IMs.
- 11. CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL AS DIRECTED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION SHOULD FIELD CONDITIONS WARRANT.
- 12. CONTRACTOR MAY REDUCE LANE WIDTHS TO 10' DURING CONSTRUCTION. ANY TEMPORARY PAVEMENT MARKINGS THAT ARE REQUIRED ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 13. CONTRACTOR IS RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF ALL TEMPORARY PAVEMENT MARKINGS THAT ARE REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL DEVICES, SIGNAGE, EQUIPMENT, PERSONNEL, INCLUDING CERTIFIED TRAFFIC CONTROL PERSONNEL, ETC. TO CONTROL TRAFFIC DURING CONSTRUCTION WITHIN VDOT MAINTAINED RIGHT-OF-WAY. ALL TRAFFIC CONTROL SHALL BE IN STRICT ACCORDANCE WITH THE STANDARDS, GUIDELINES, POLICIES, AND OBJECTIVES OF THE LATEST EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, (NOVEMBER 1, 2020 REVISION), MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND ALL VDOT PERMITS.

14. AT NO TIME SHALL CONSTRUCTION TAKE PLACE ON BOTH THE RIGHT AND LEFT SIDES OF VEHICLES UNLESS SPECIFIED BY VDOT AND THE ENGINEER.

TEMPORARY TRAFFIC CONTROL IMPLEMENTATION

THE FOLLOWING SEQUENCE OF CONSTRUCTION IS A RECOMMENDATION PROVIDED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR ANY CHANGES TO THIS TRANSPORTATION MANAGEMENT PLAN RESULTING FROM ADJUSTMENTS TO THIS RECOMMENDED SEQUENCE. ALL PHASES OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLANS PROVIDED.

TRAFFIC SHALL BE MAINTAINED ACCORDING TO THE TTC FIGURES AS PRESCRIBED IN THIS PLAN THROUGH THE USE OF GROUP II CHANNELIZING DEVICES AND PROPER SIGNAGE. THE CONTRACTOR SHALL MINIMIZE LANE CLOSURES TO THE GREATEST EXTENT PRACTICAL.

- INSTALL SIGNING FOR PROJECT LIMITS PER TTC-53.0. PHASE I
- CONSTRUCTION CONSISTS OF TREE REMOVAL AND MINOR CLEARING OPERATIONS. DURING THIS PHASE. CONTRACTOR SHALL UTILIZE TTC-23.2 OR TTC-28.2 TO FACILITATE WORK WITHIN THE ROADWAY. COMMENCE GRUBBING AND CLEARING OF FOLIAGE NEEDED AND PERFORM TREE REMOVAL. THIS IS THE FINAL PHASE OF CONSTRUCTION AND ALL WORK ITEMS SHALL BE COMPLETED WITH MINIMAL TRAFFIC IMPACTS.

FOR CONSTRUCTION OPERATIONS ALONG OLD GUN ROAD, A SHOULDER OR LANE CLOSURE TO COMPLETE TIE-INS. AT LEAST ONE (1) 9' MIN. WIDTH LANE IS REQUIRED AT ALL TIMES TO PROVIDE ACCESS FOR ADJACENT PROPERTY

PHASE III UPON COMPLETION OF ALL WORK. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES

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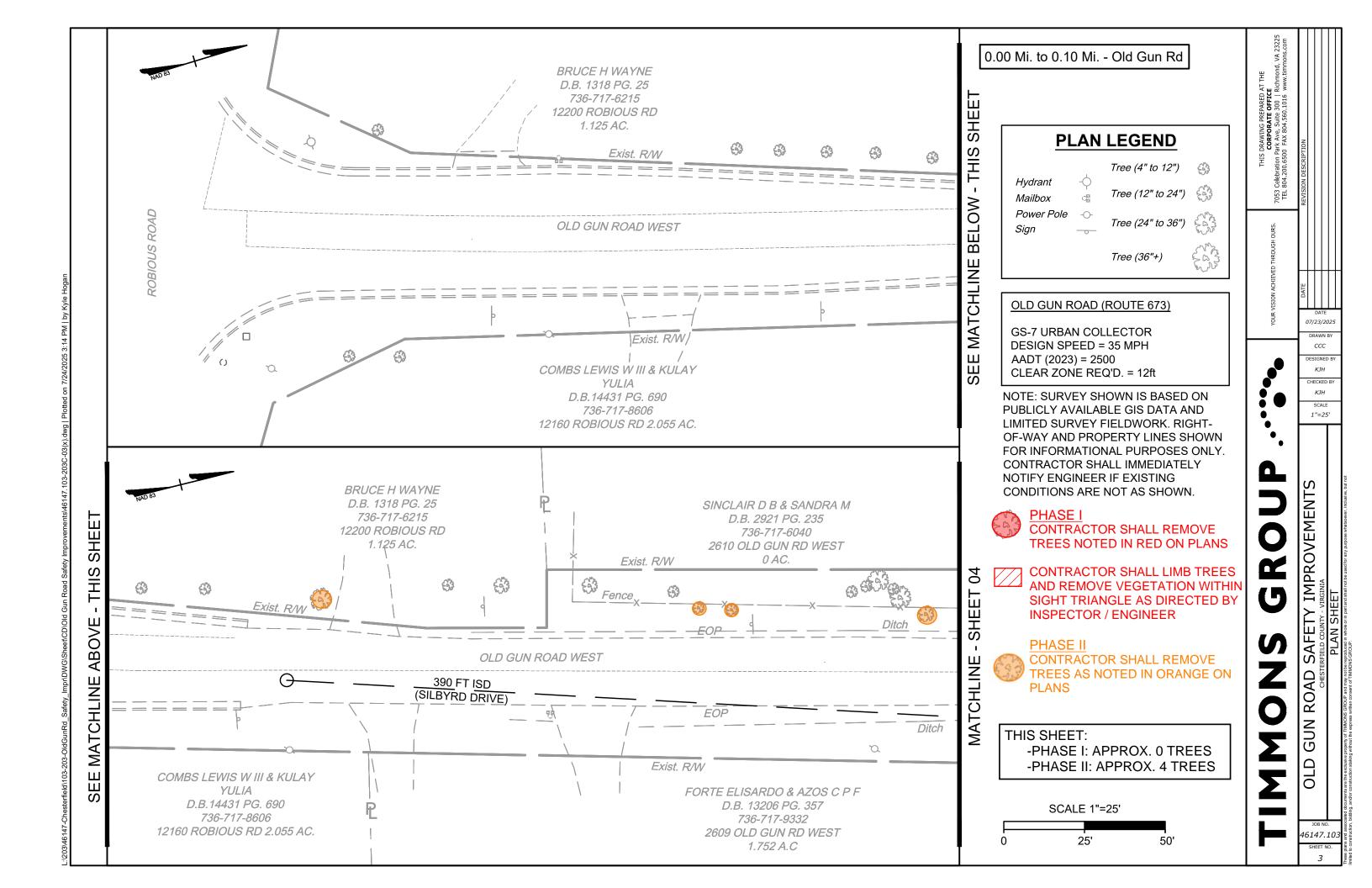
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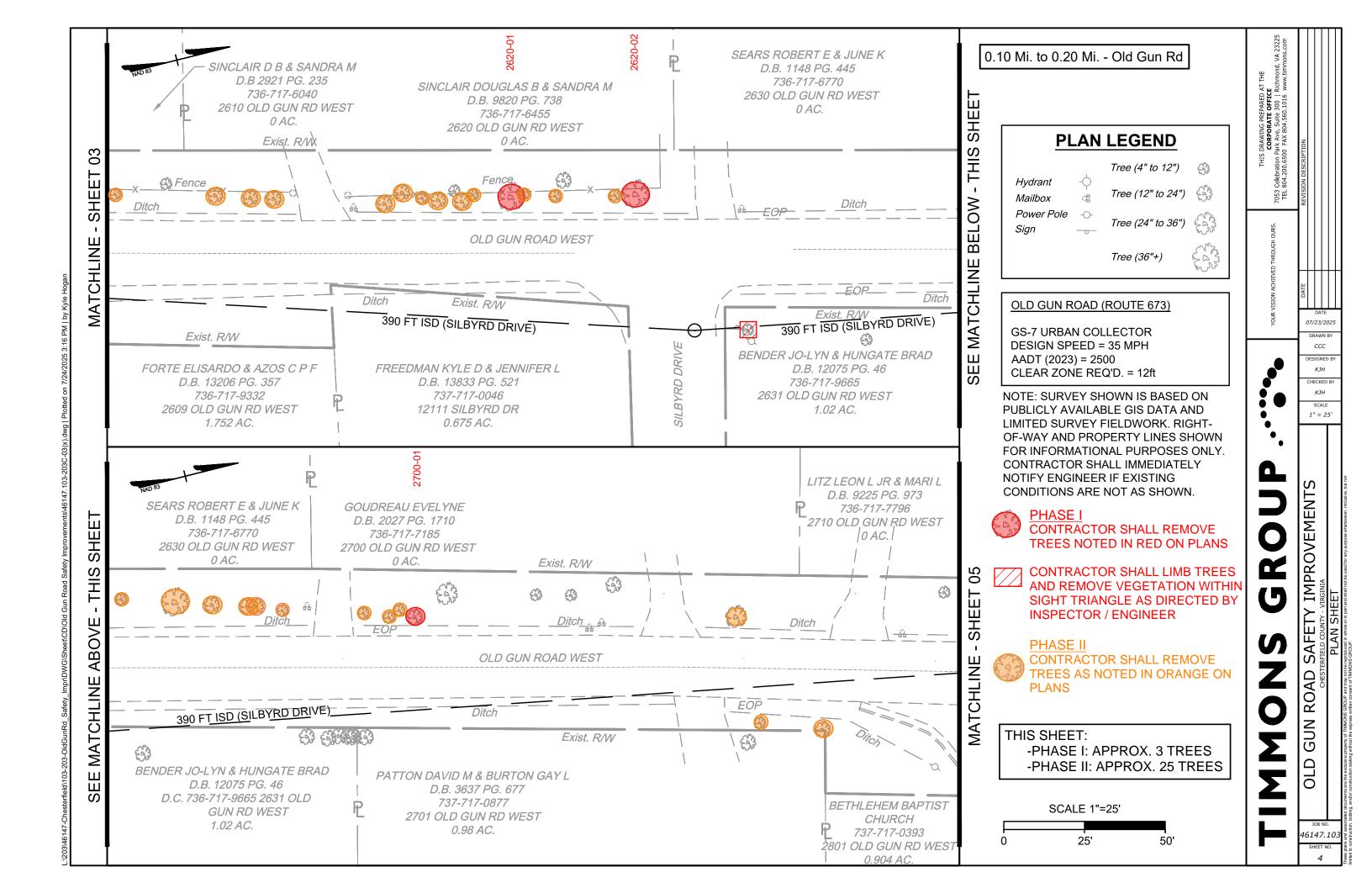
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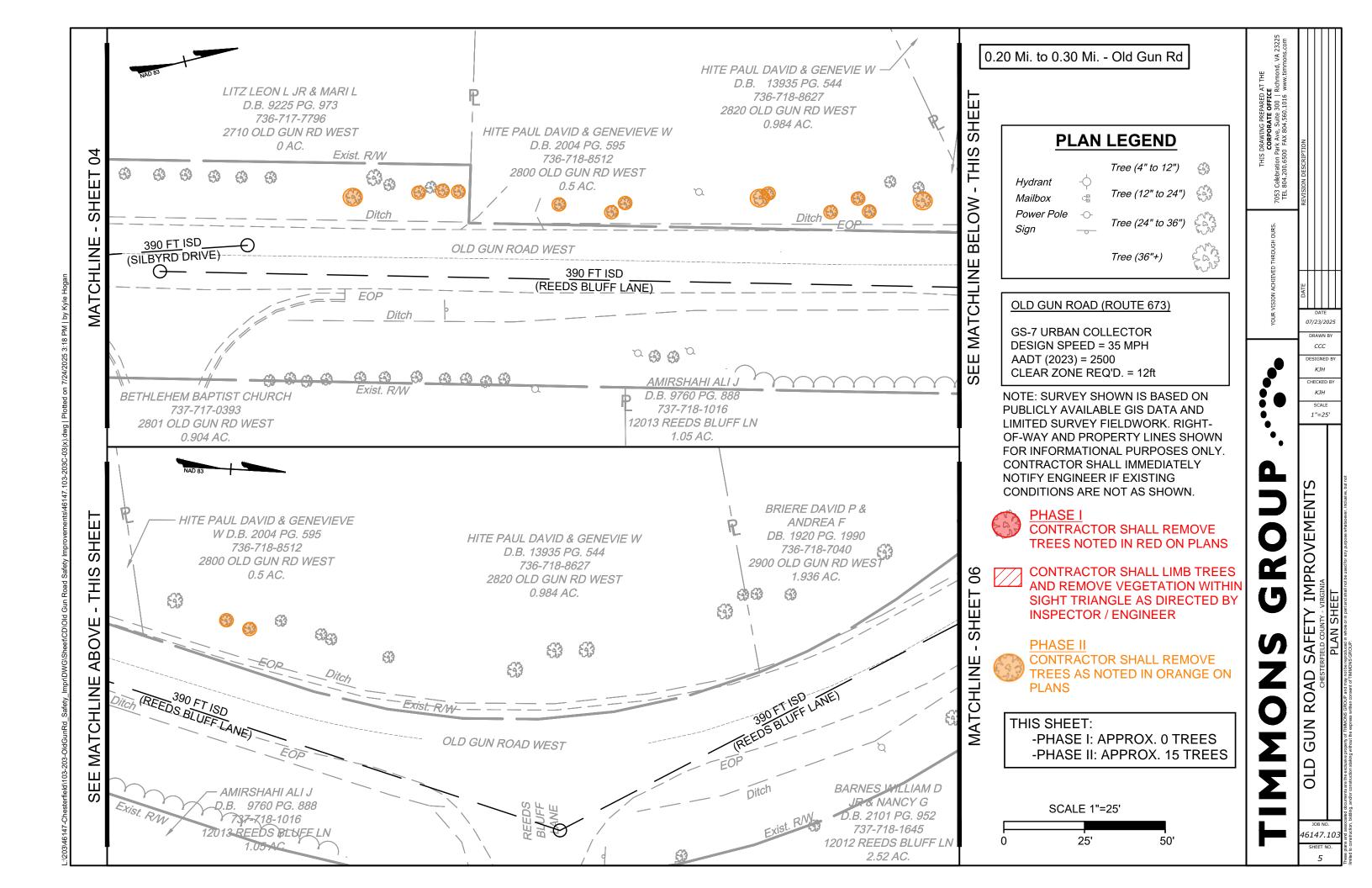
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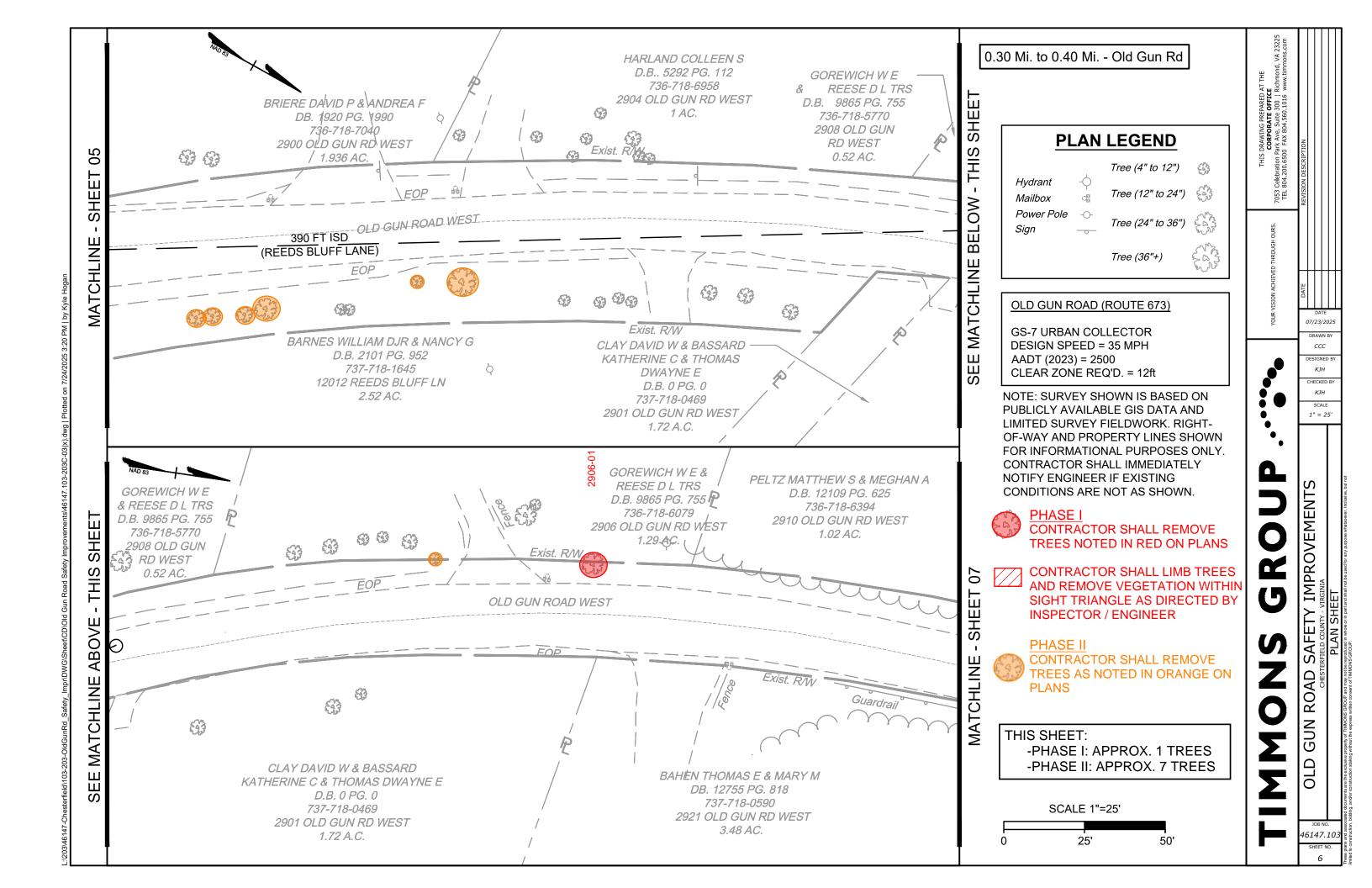
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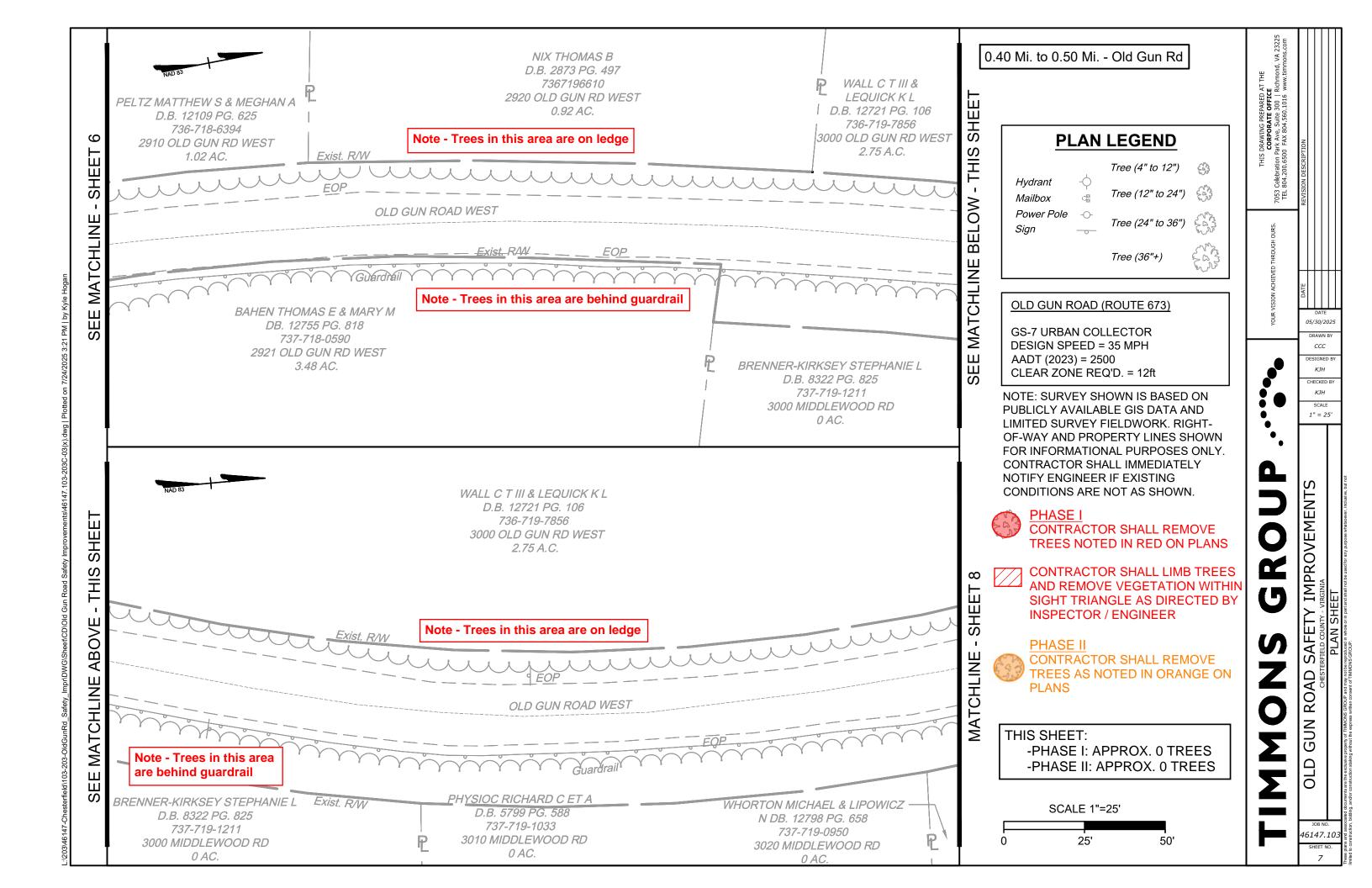
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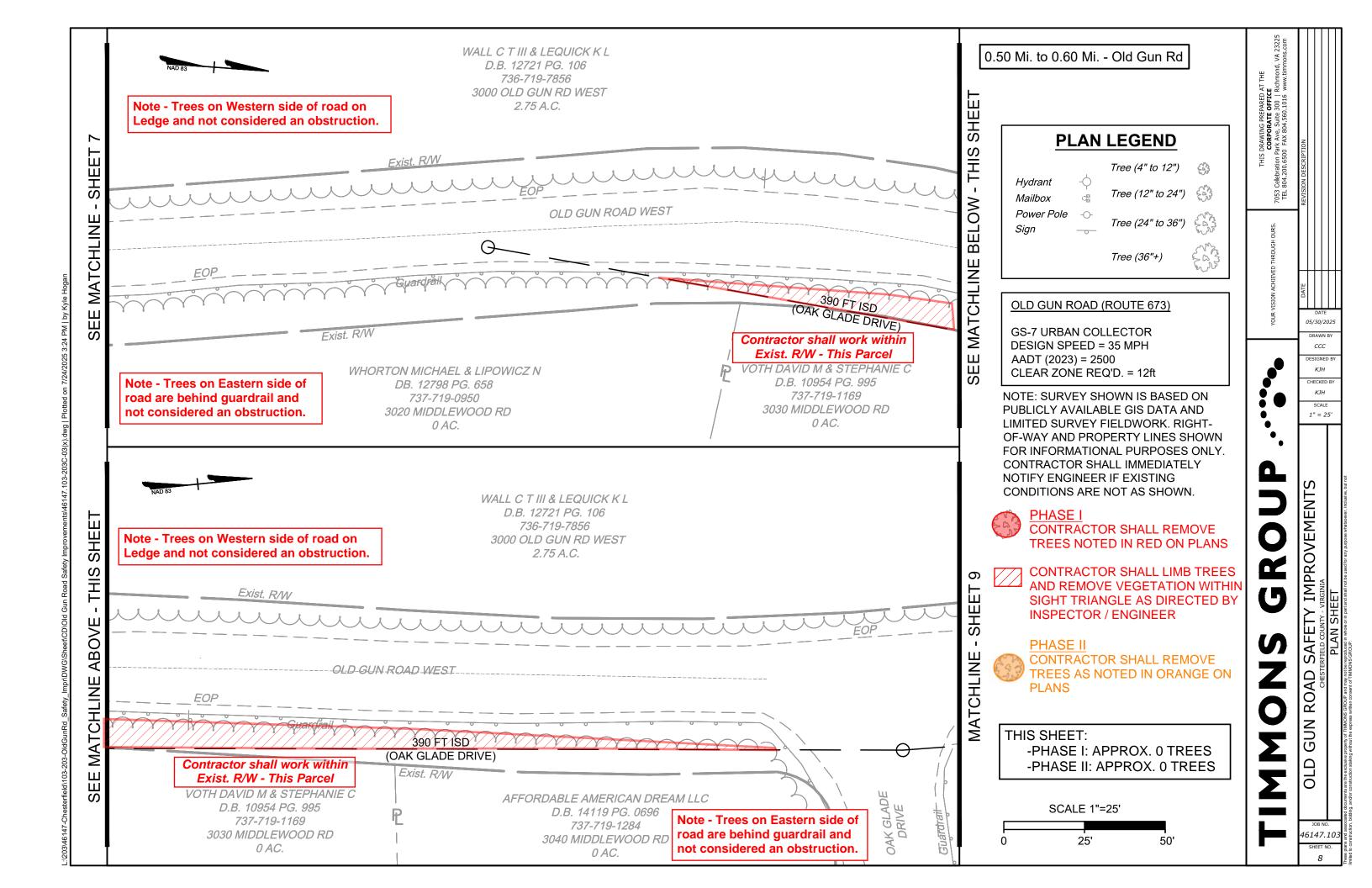


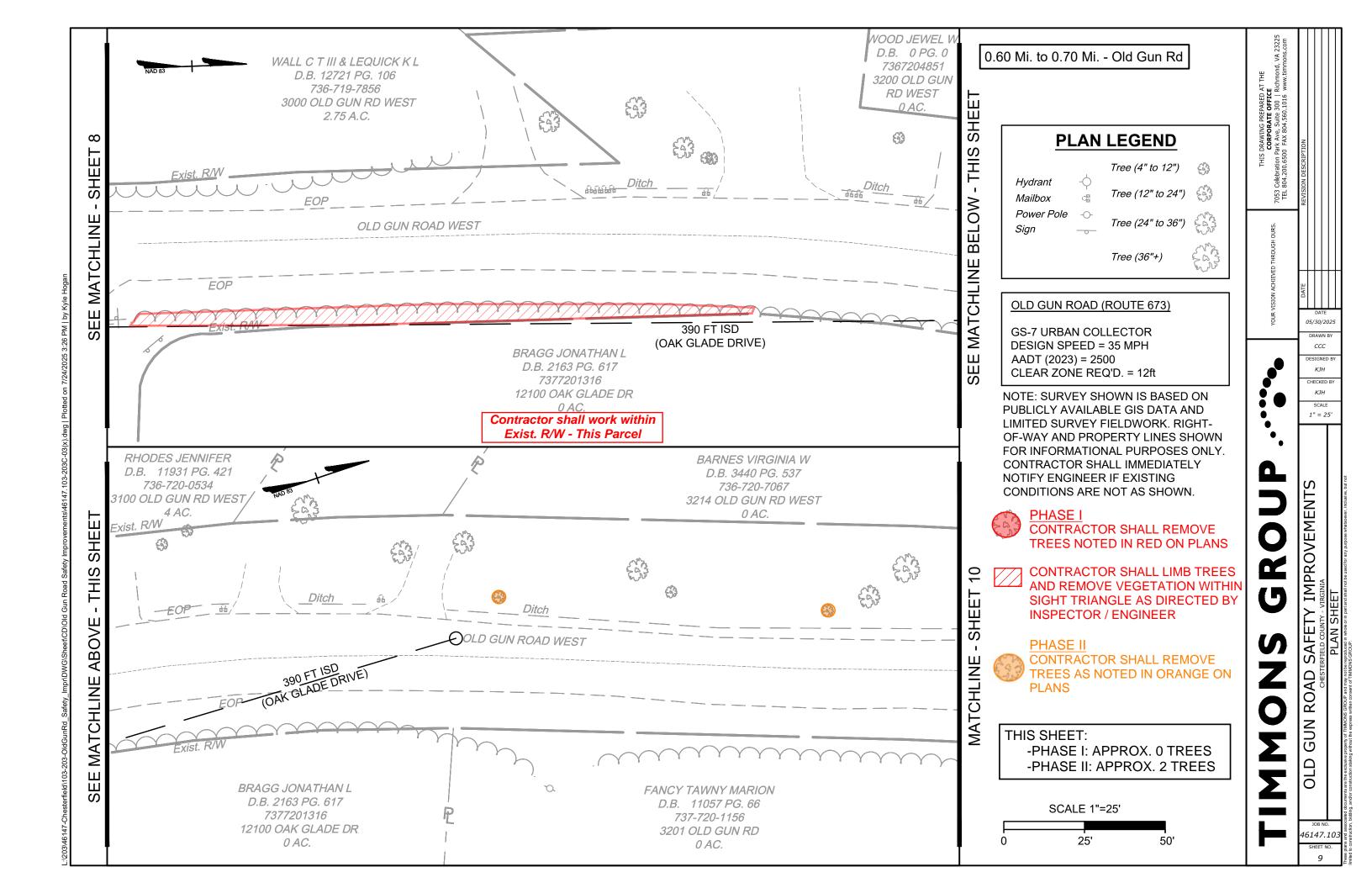


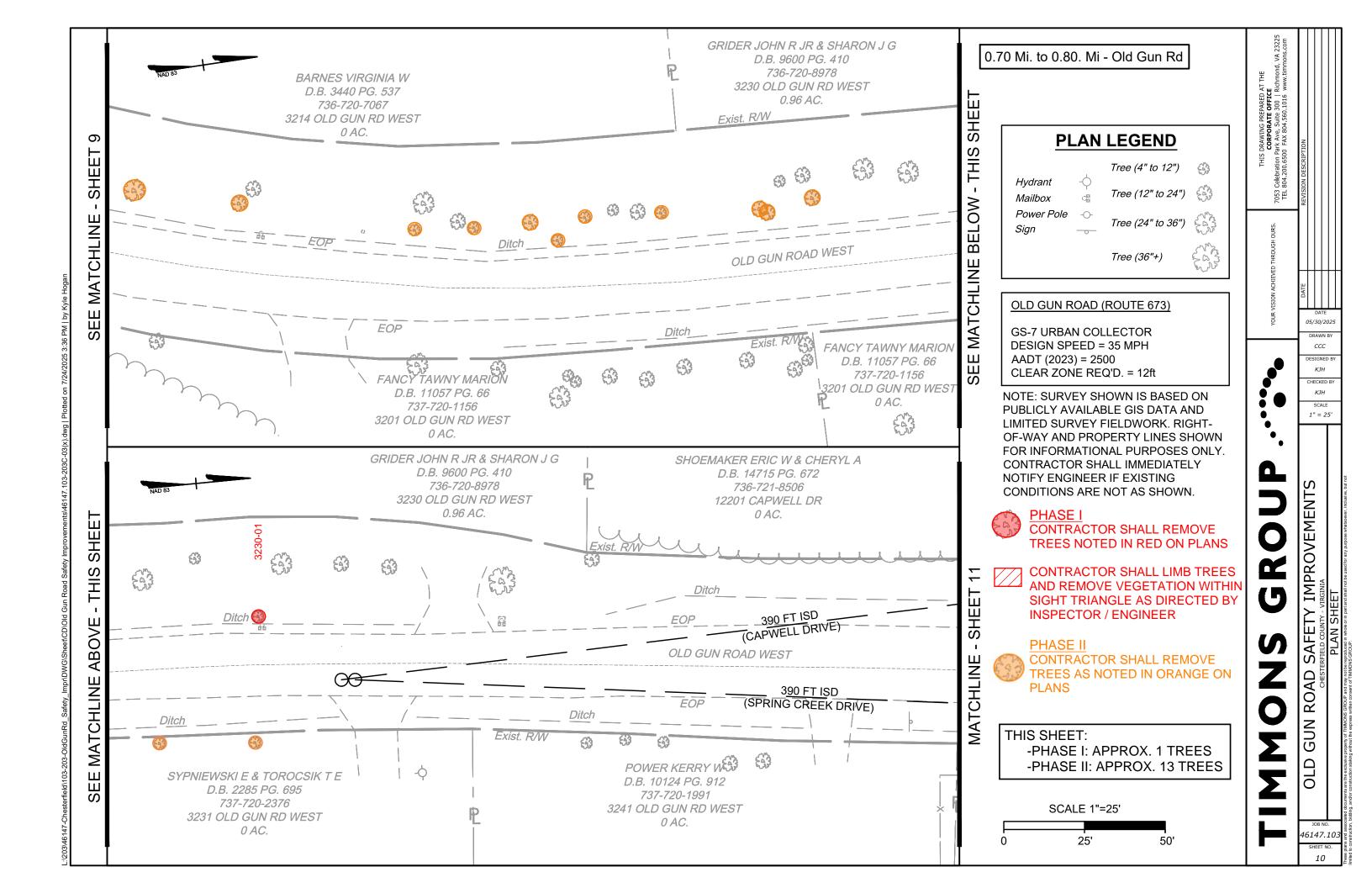


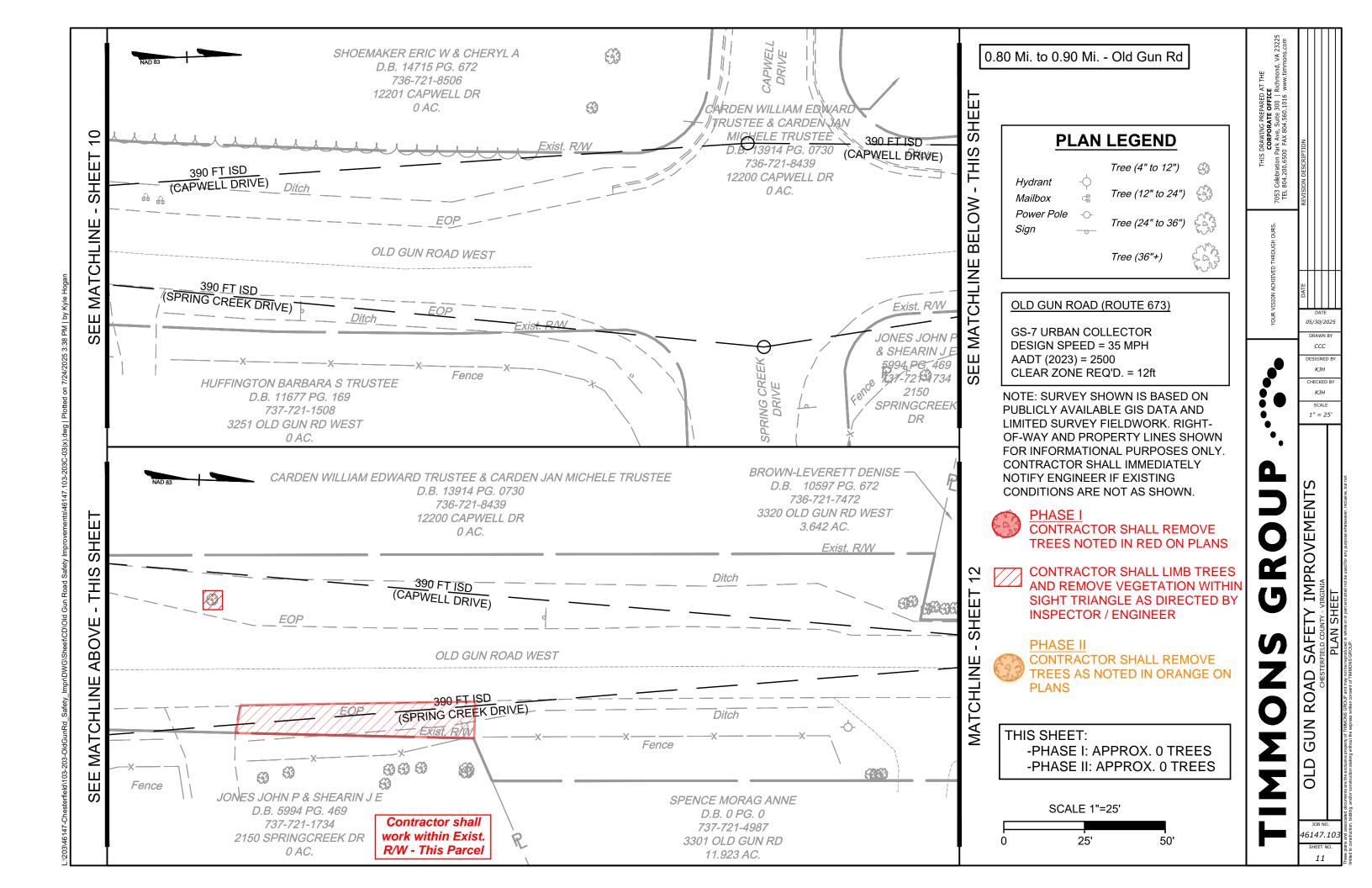


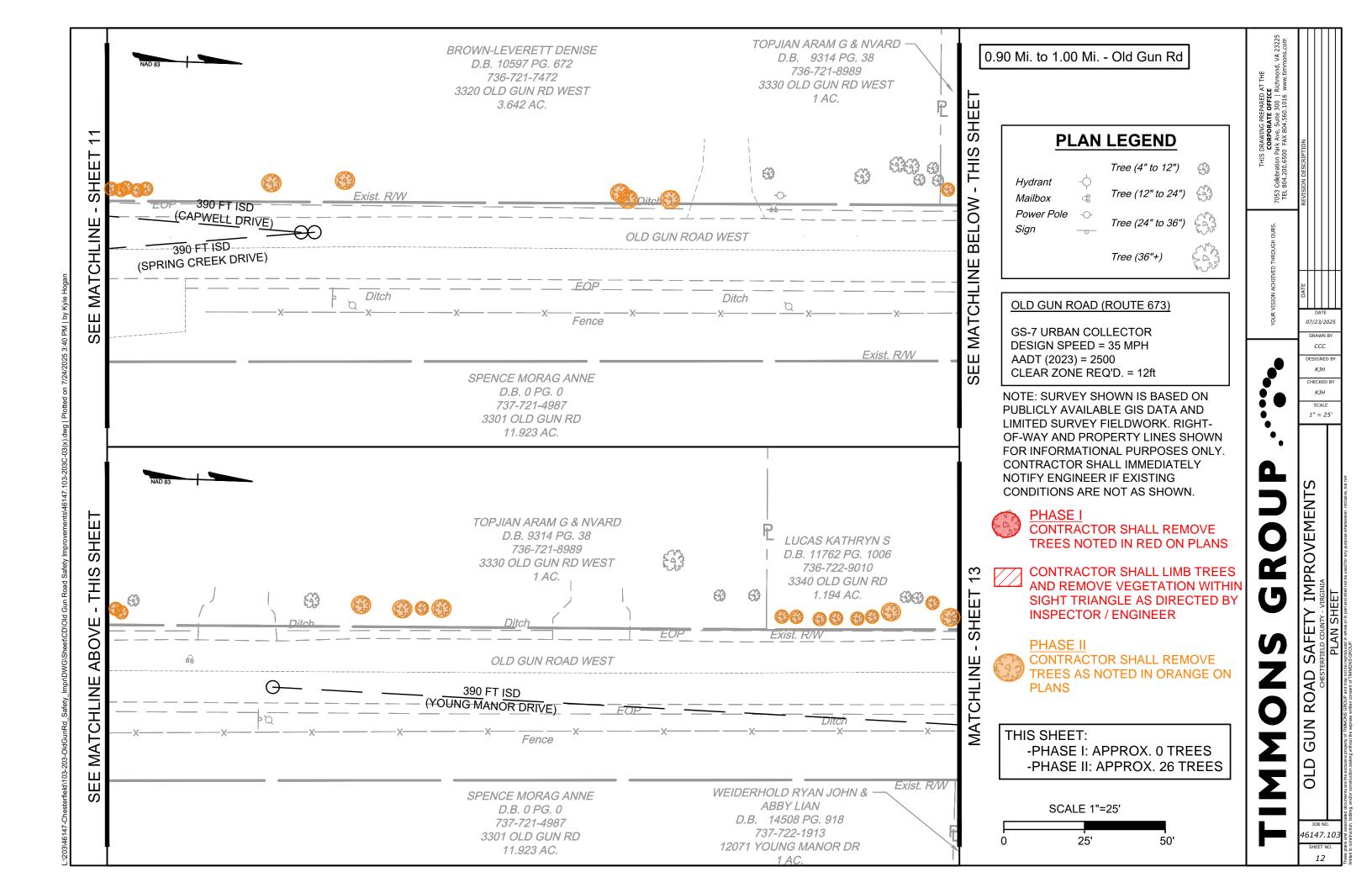


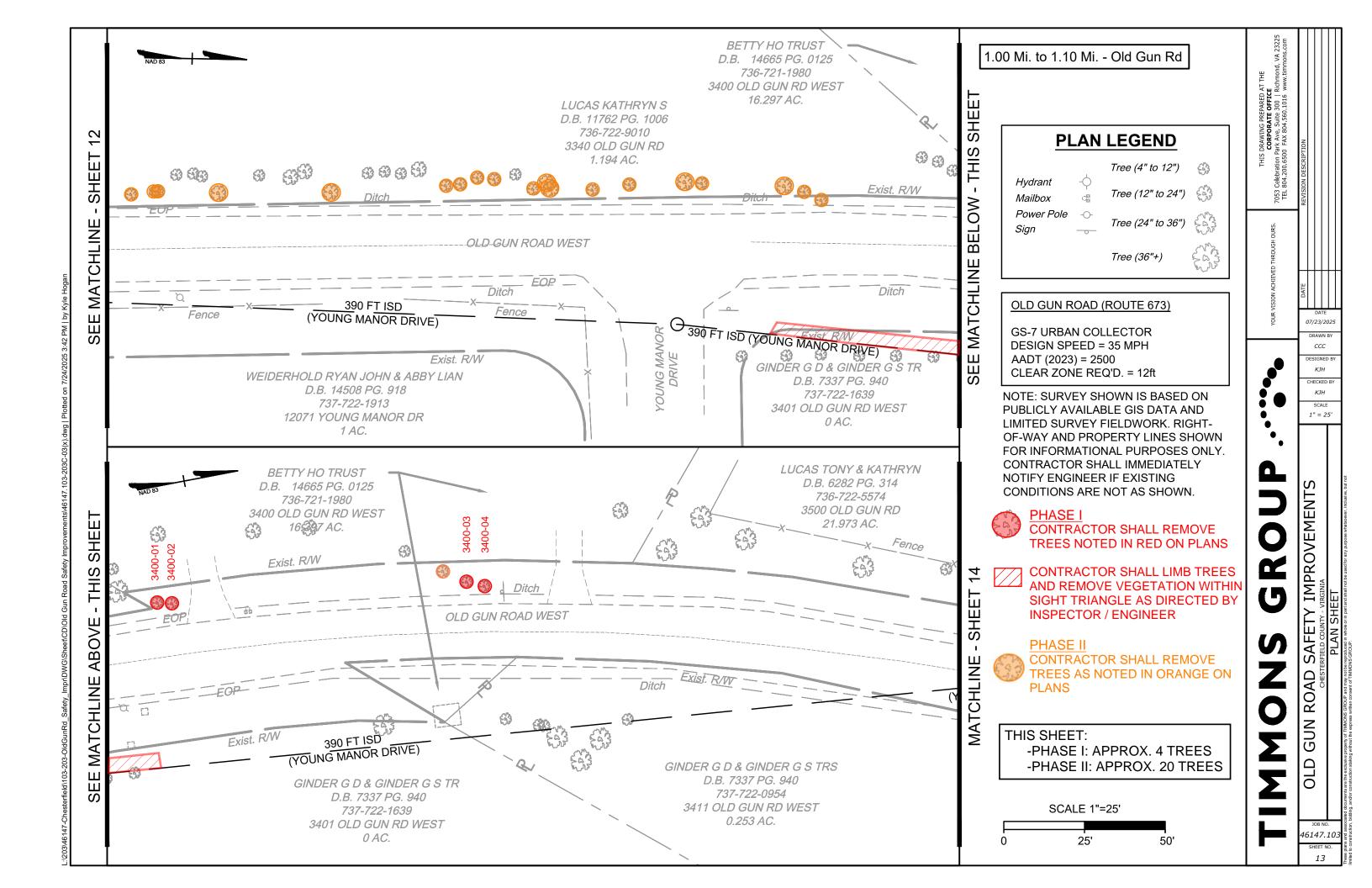


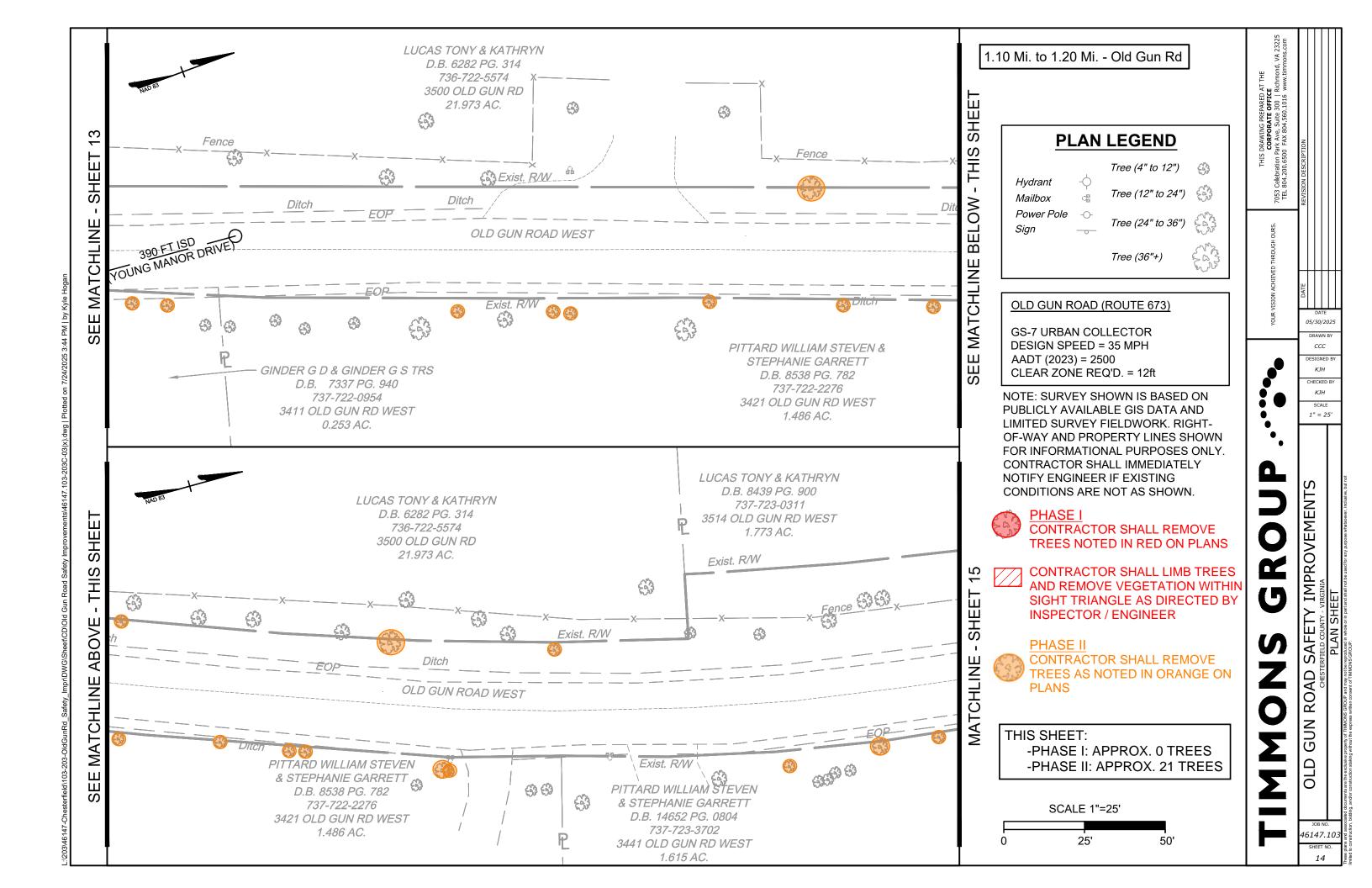


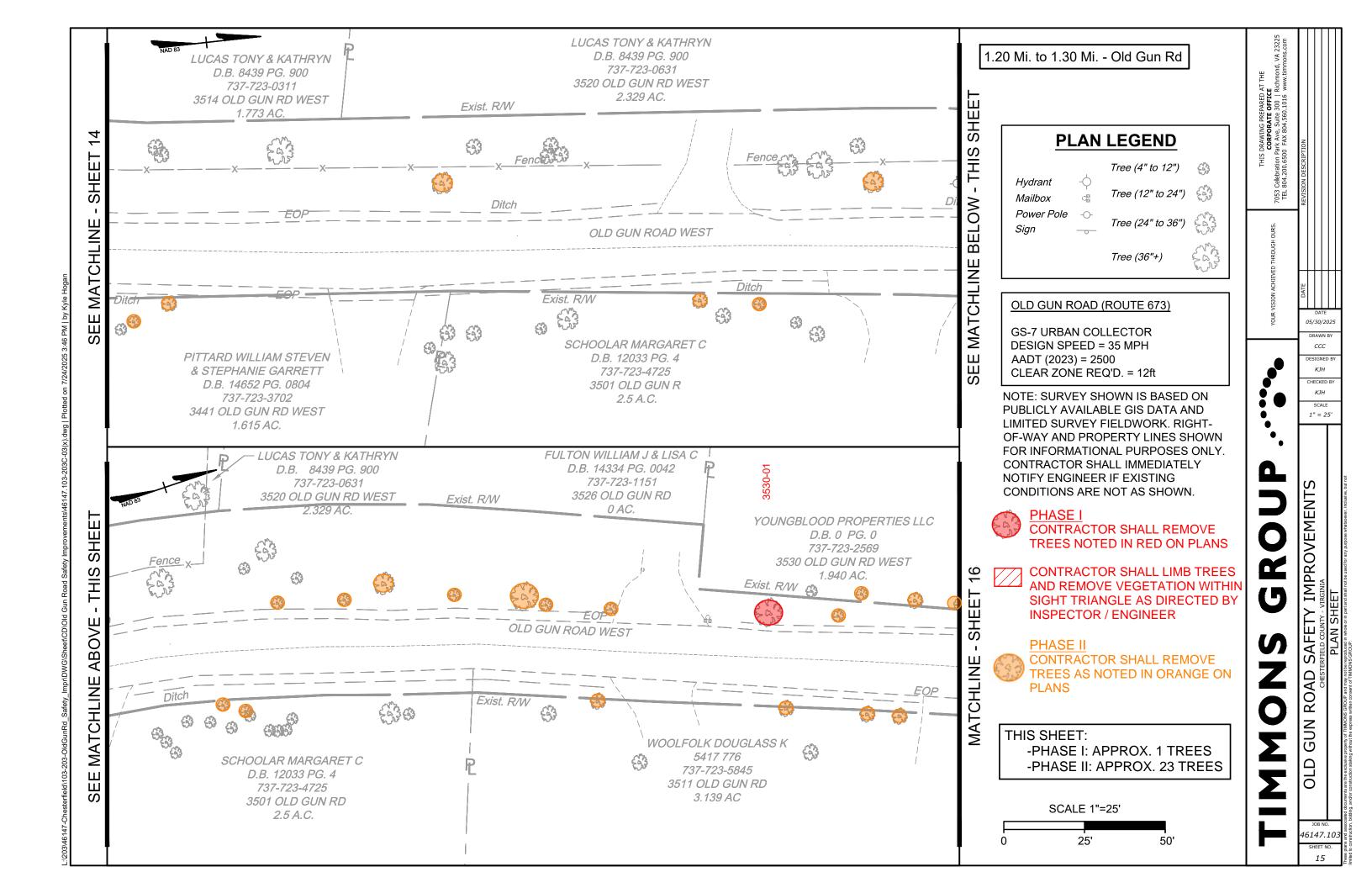


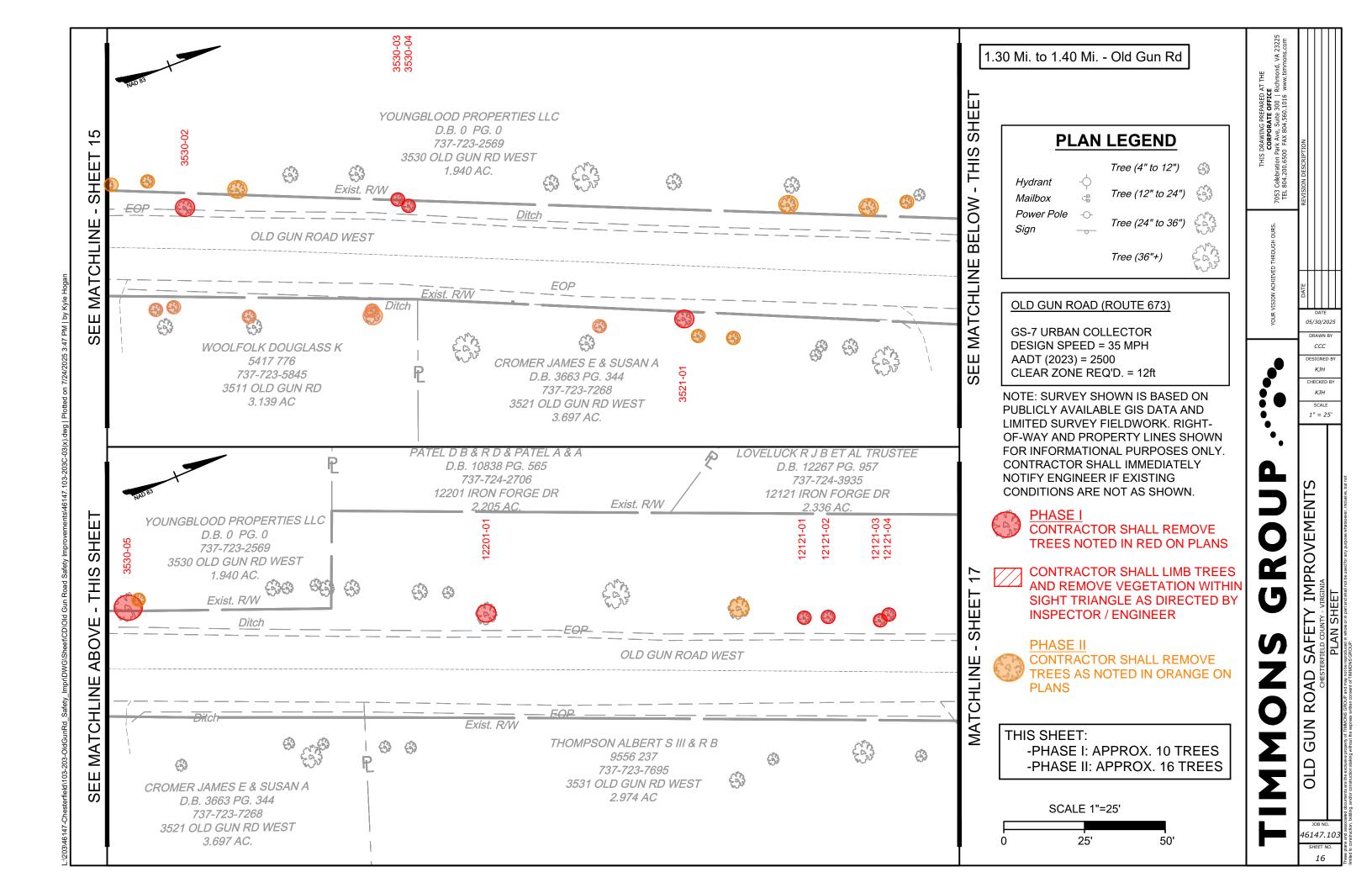


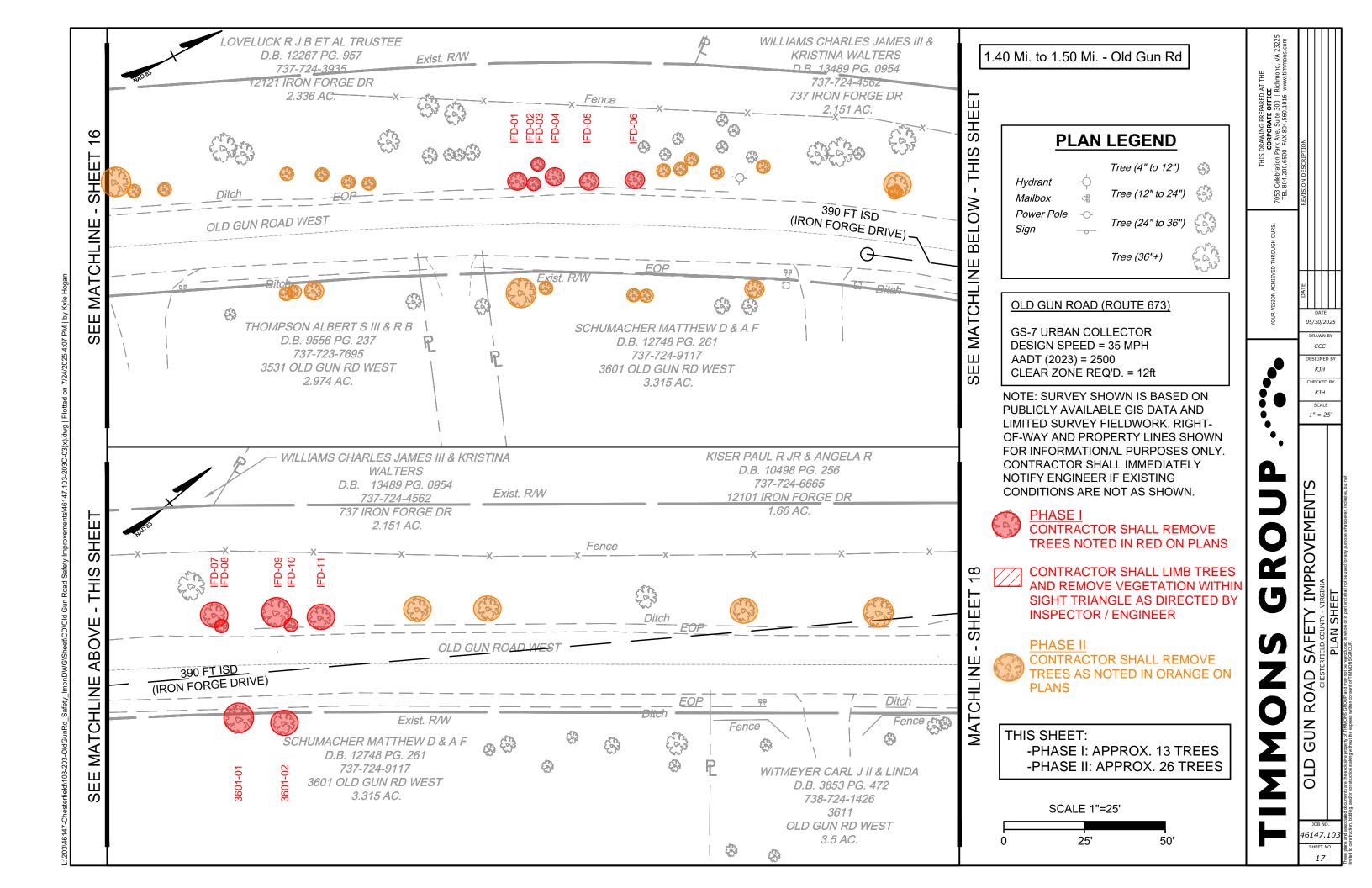


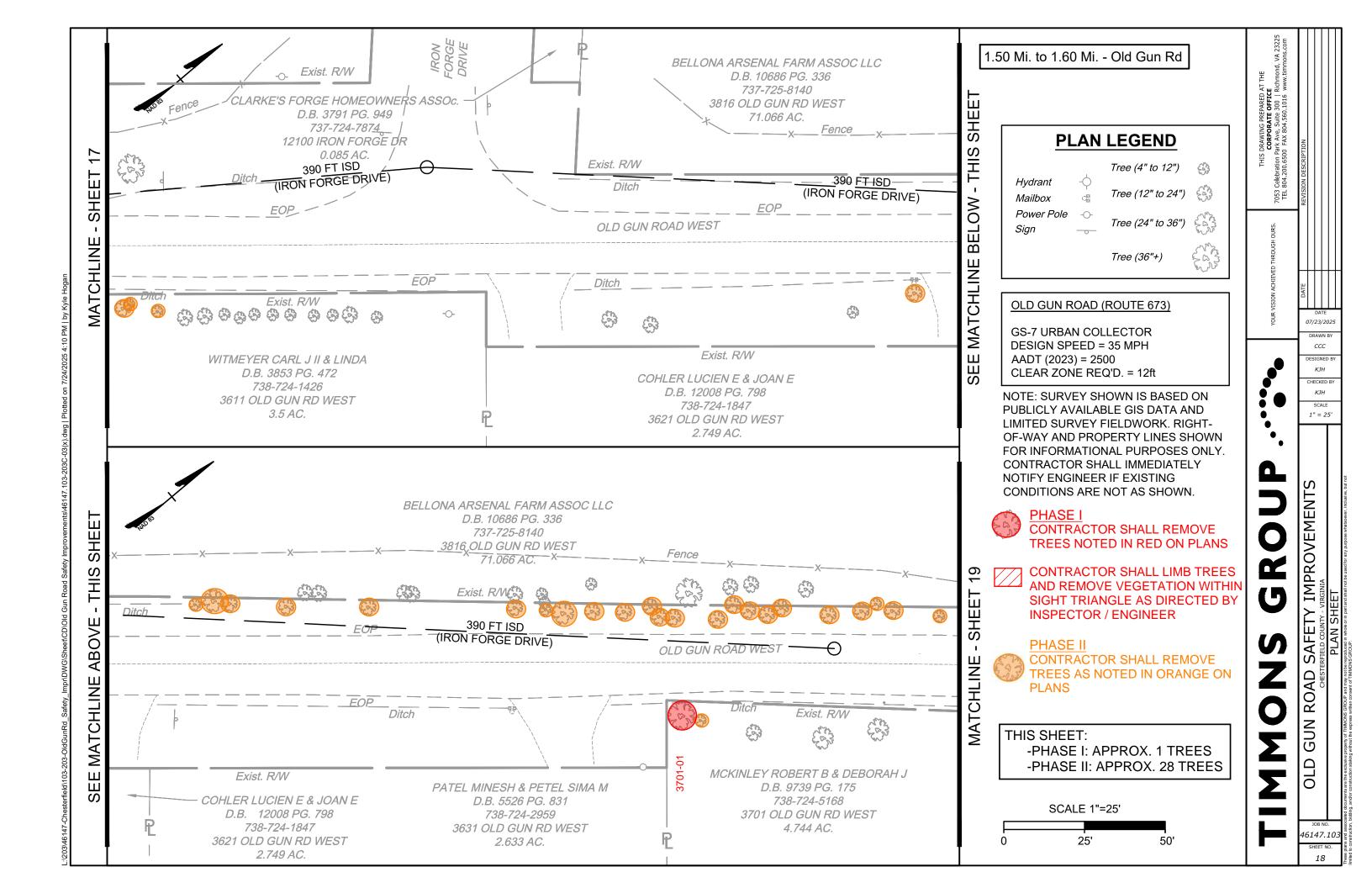


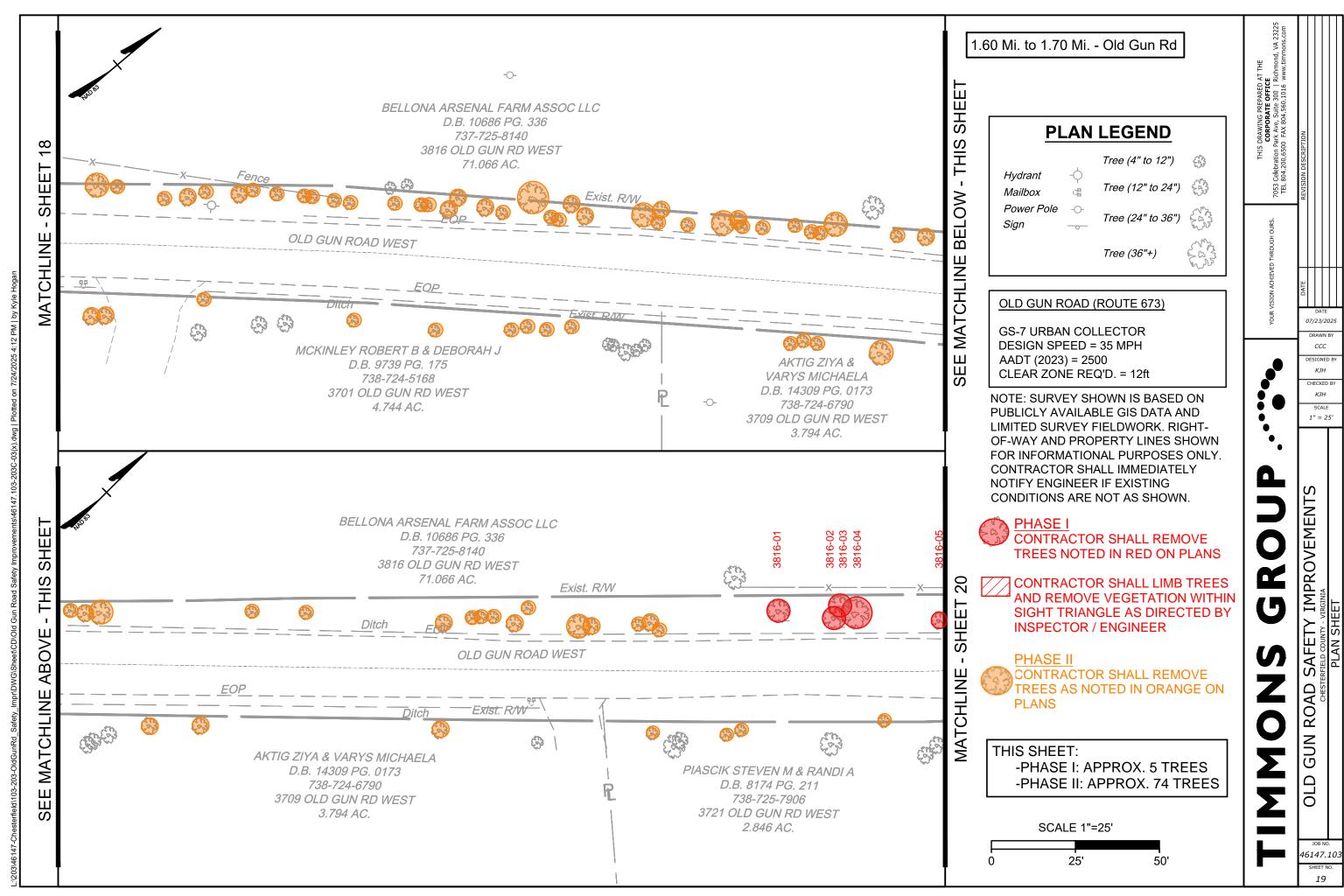


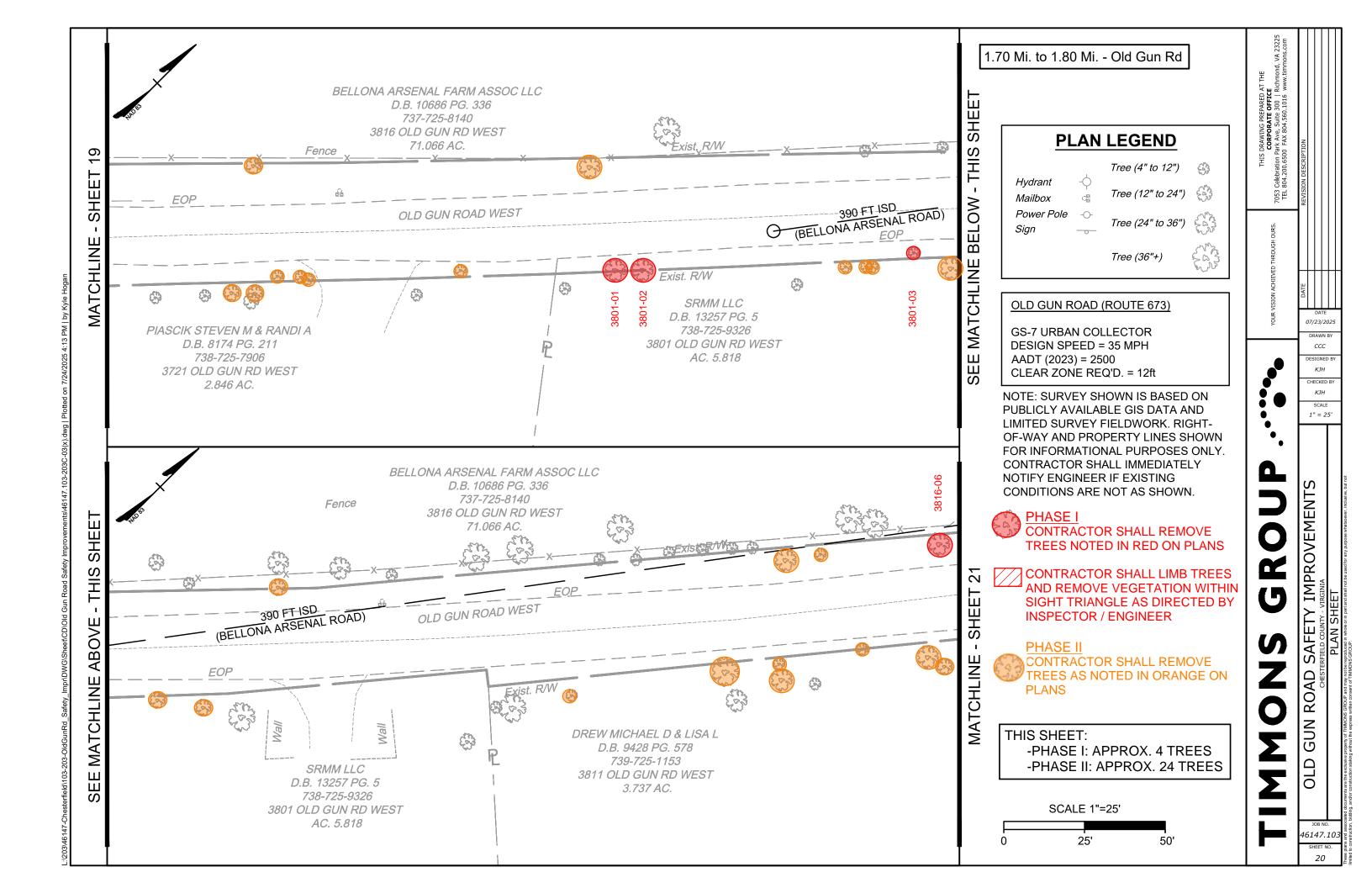


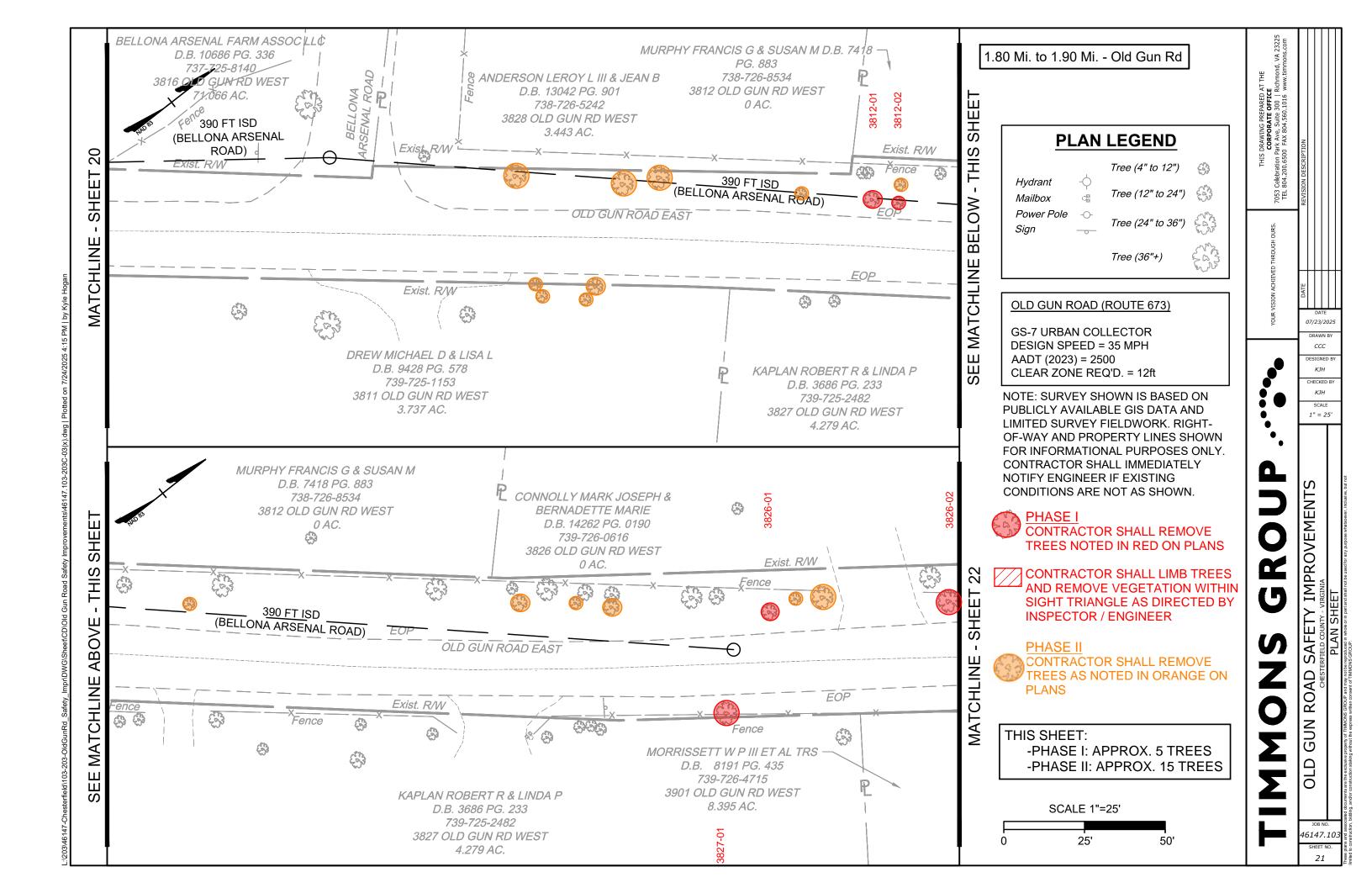


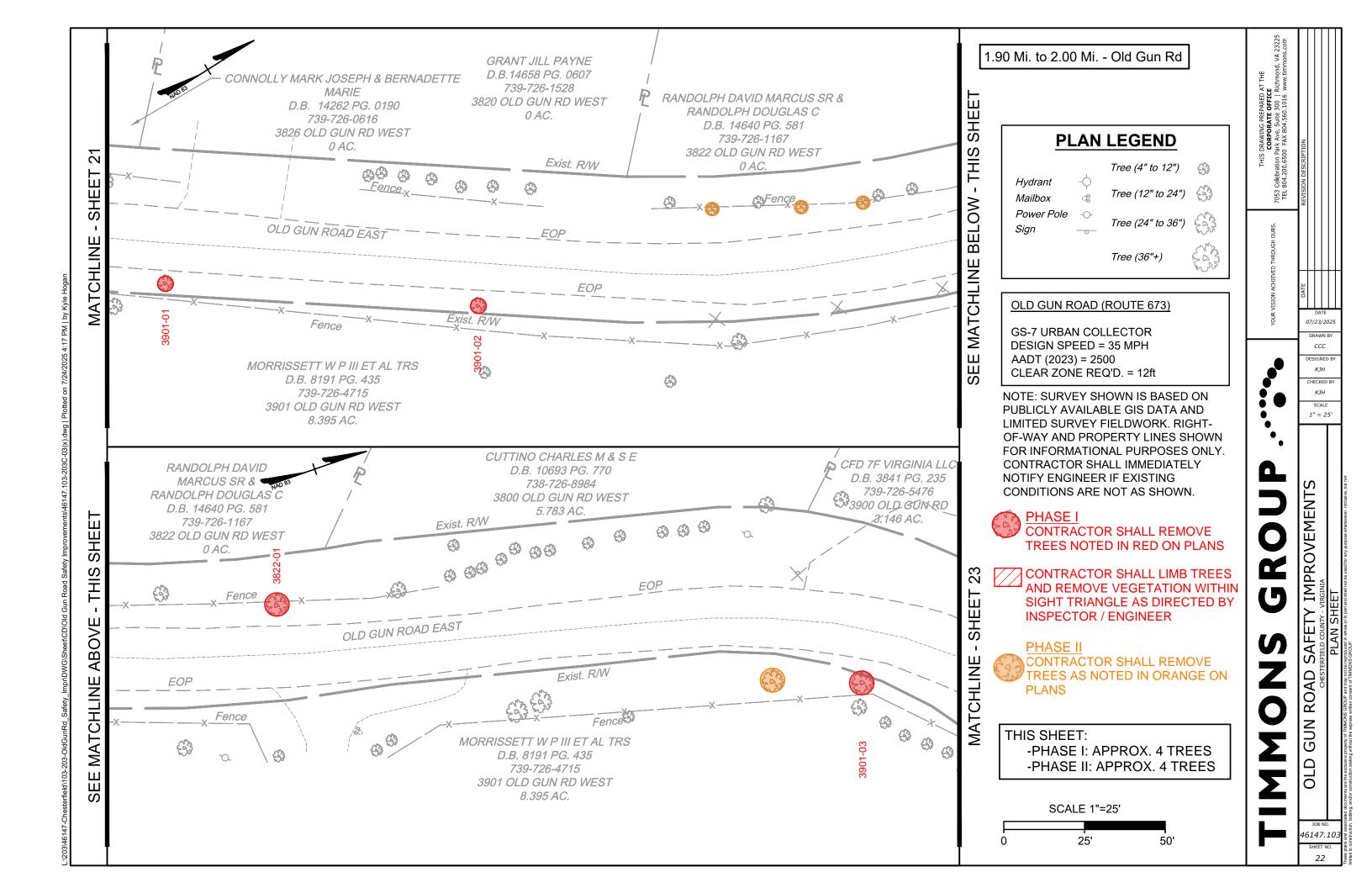


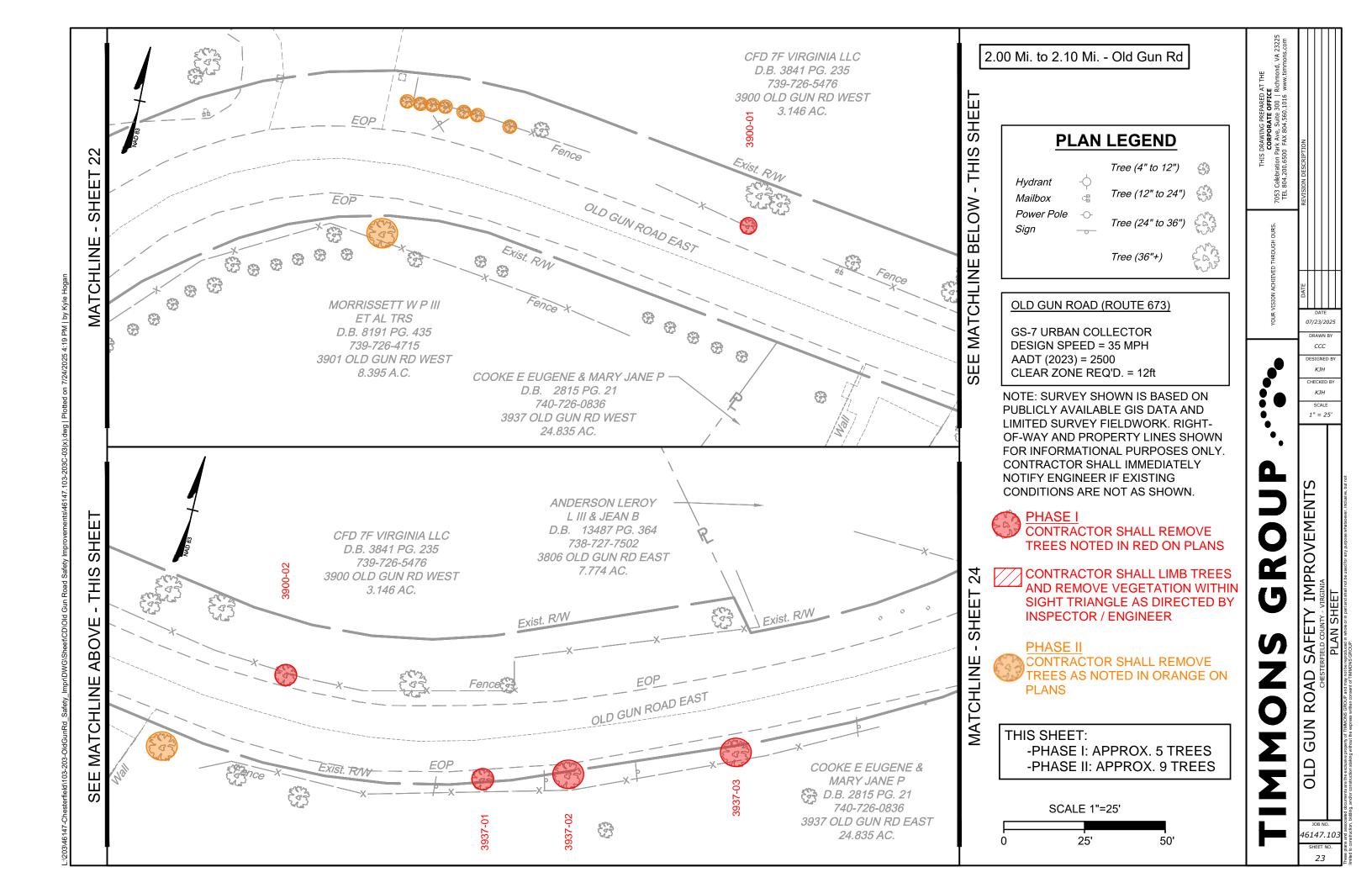


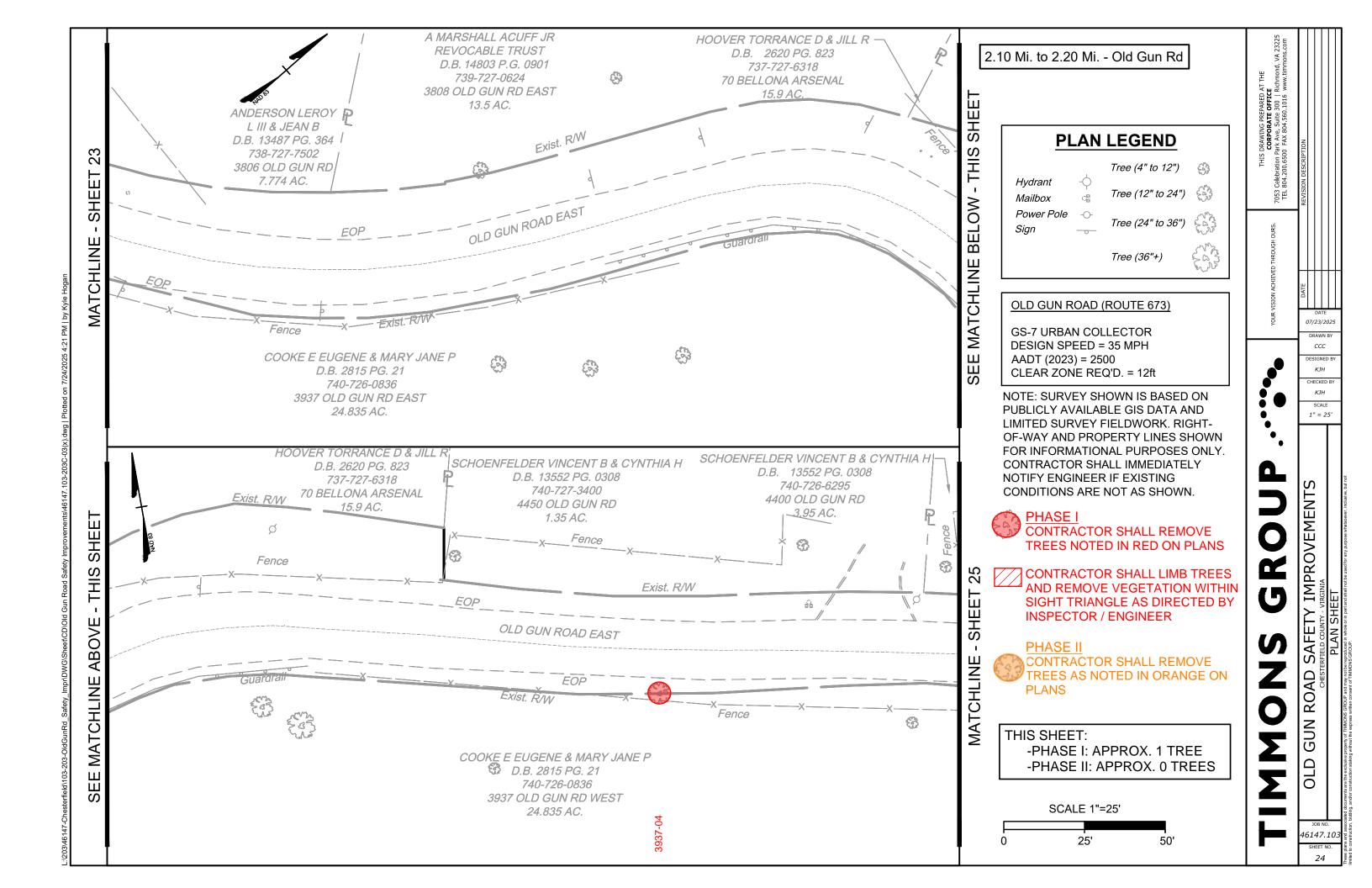


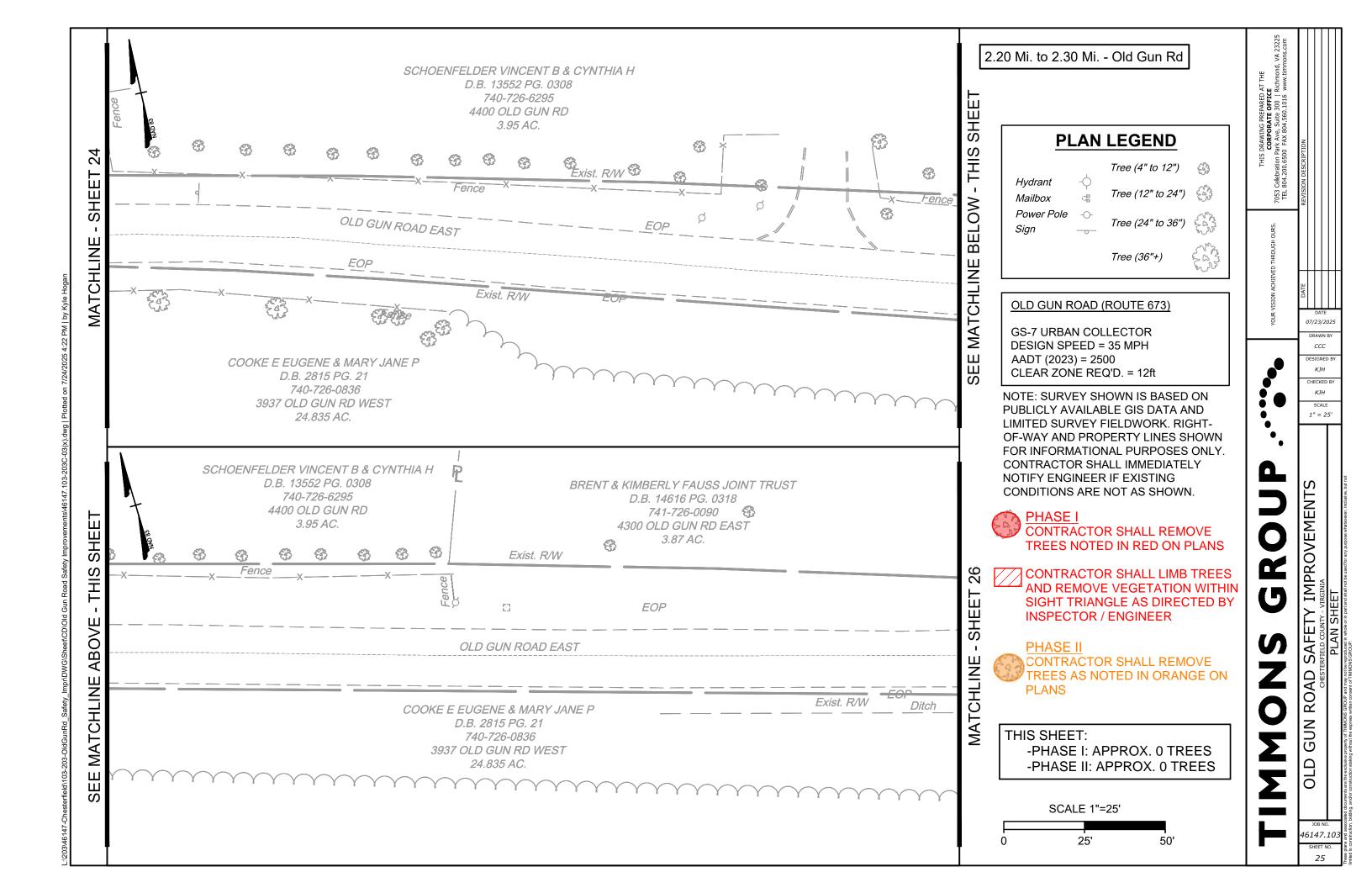


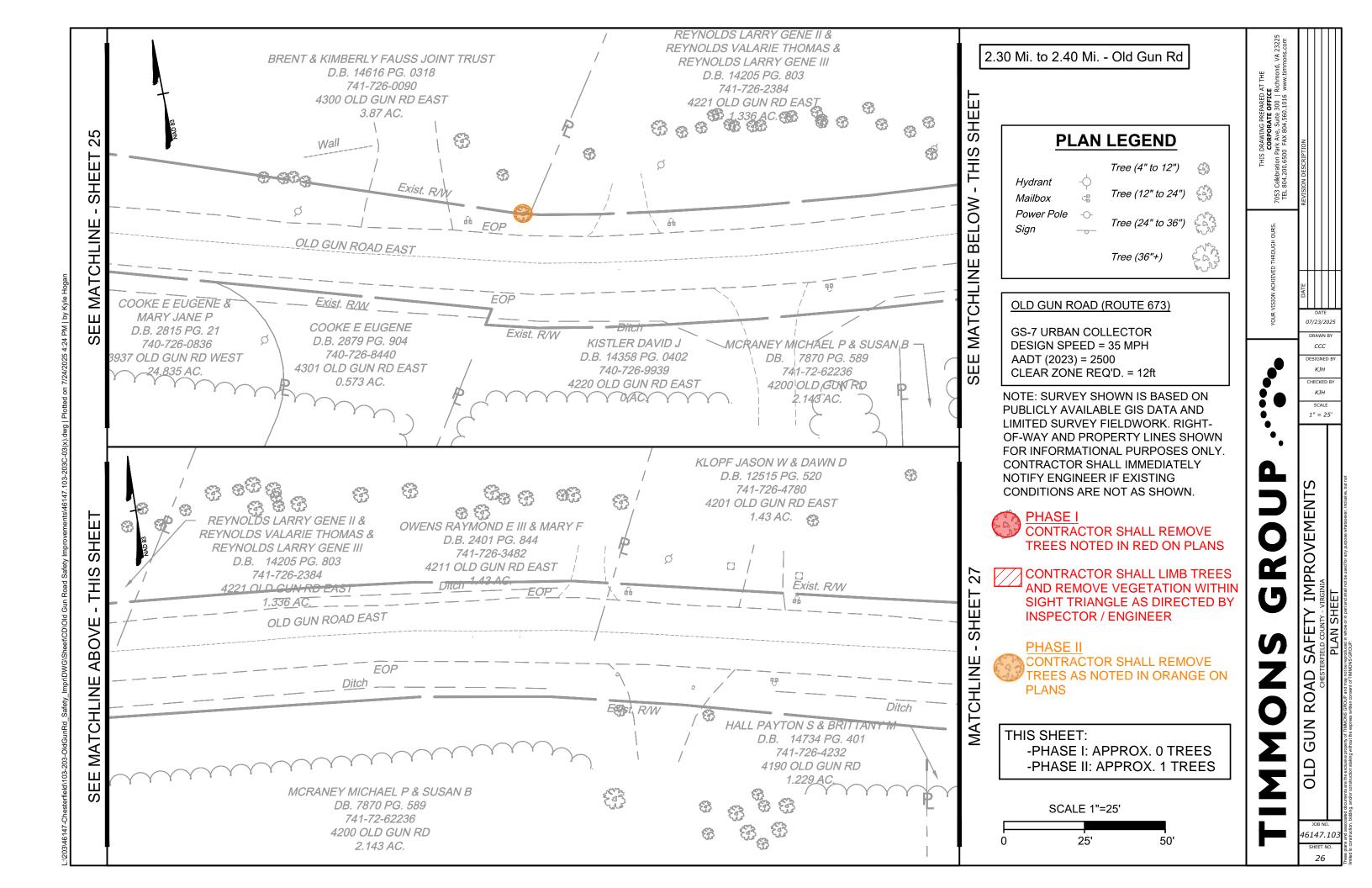


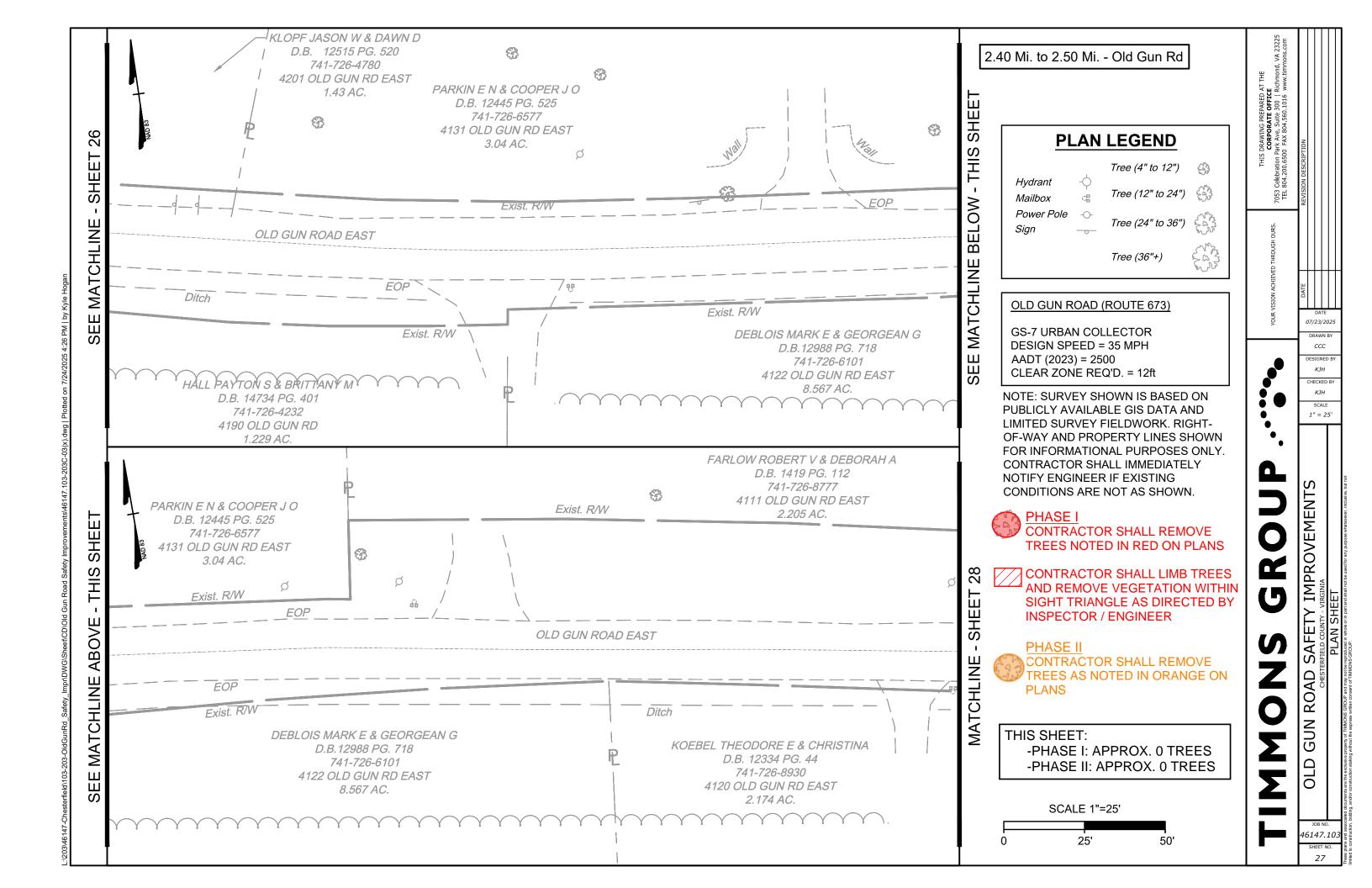


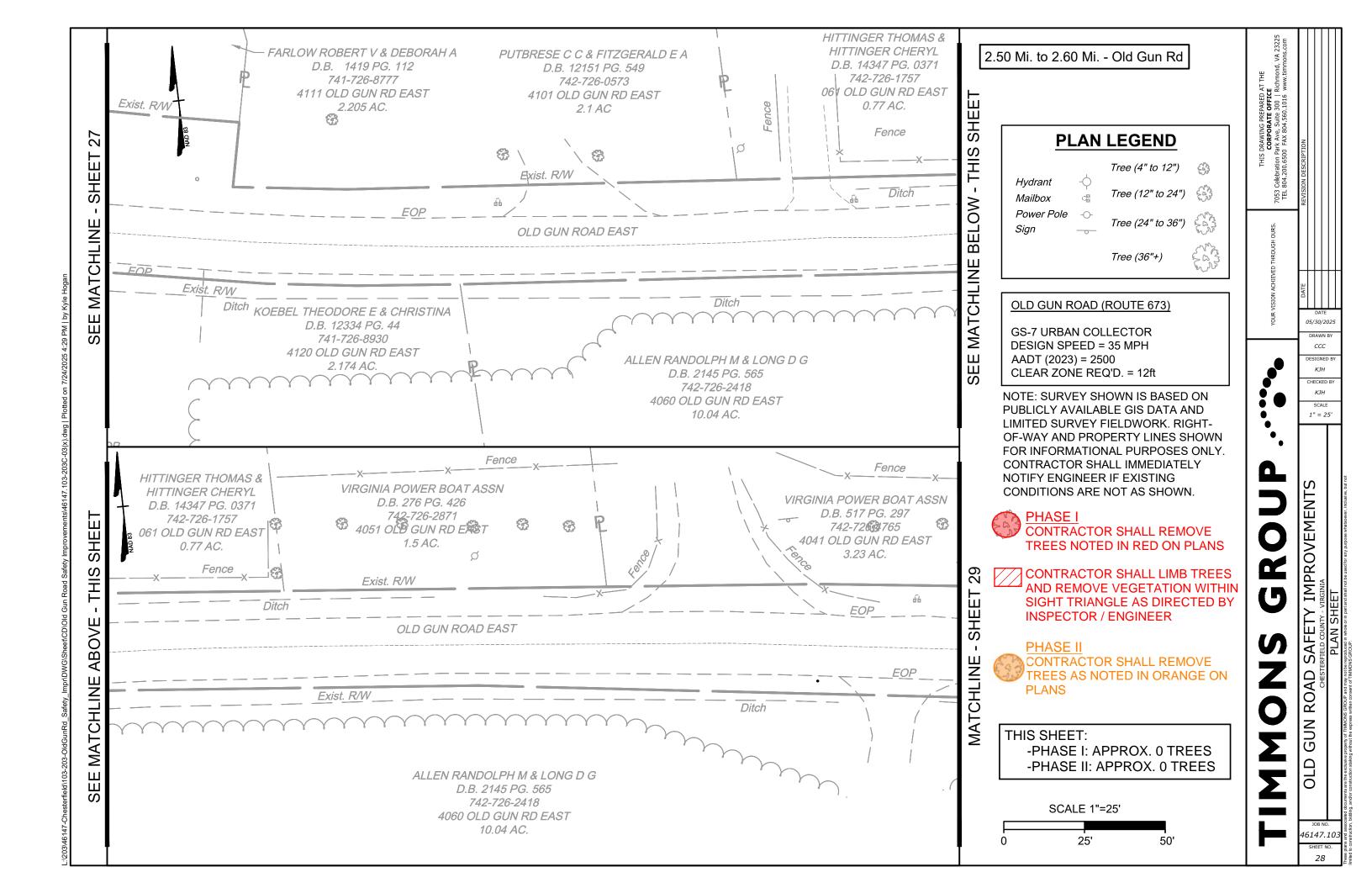


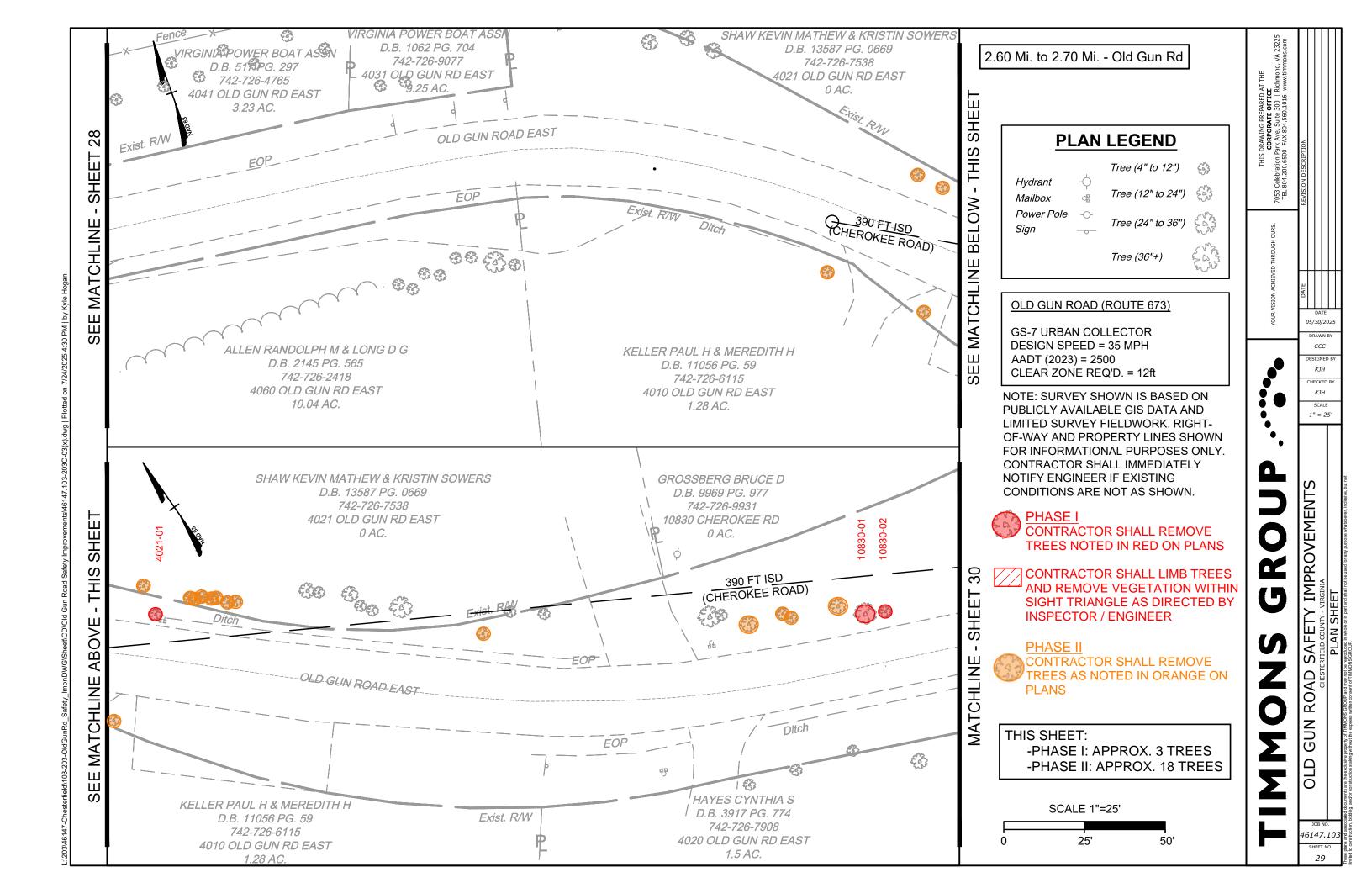


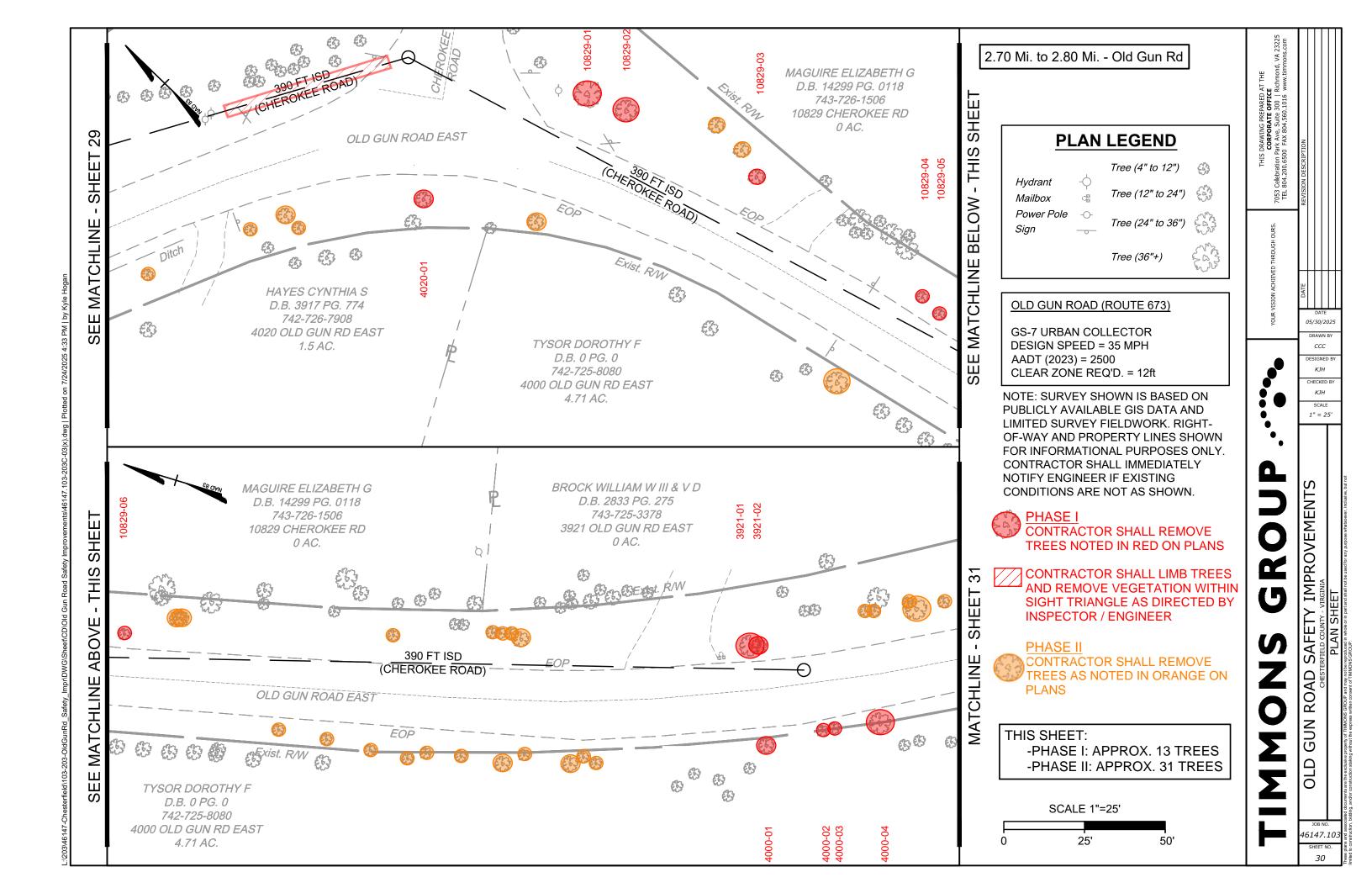


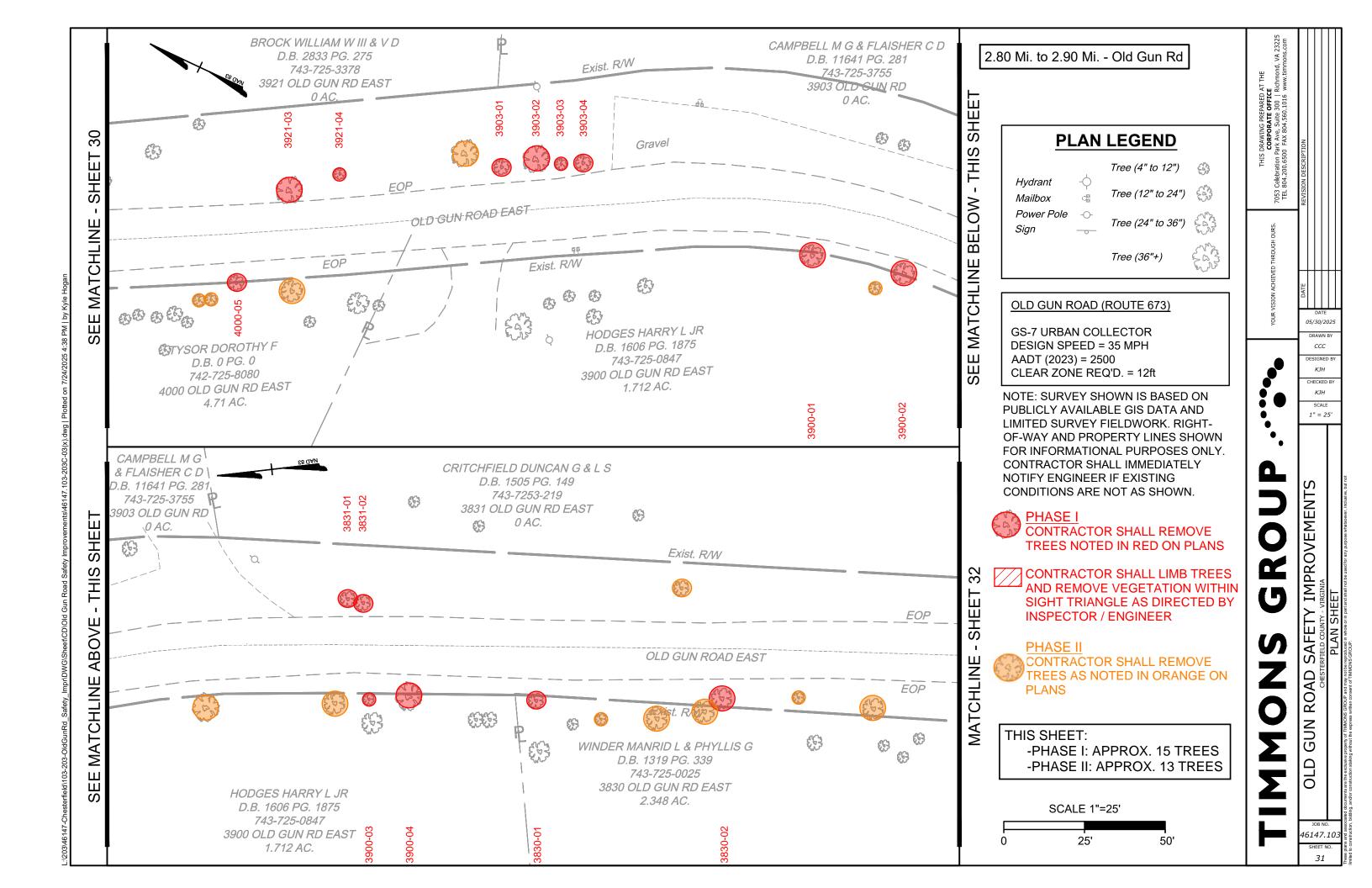


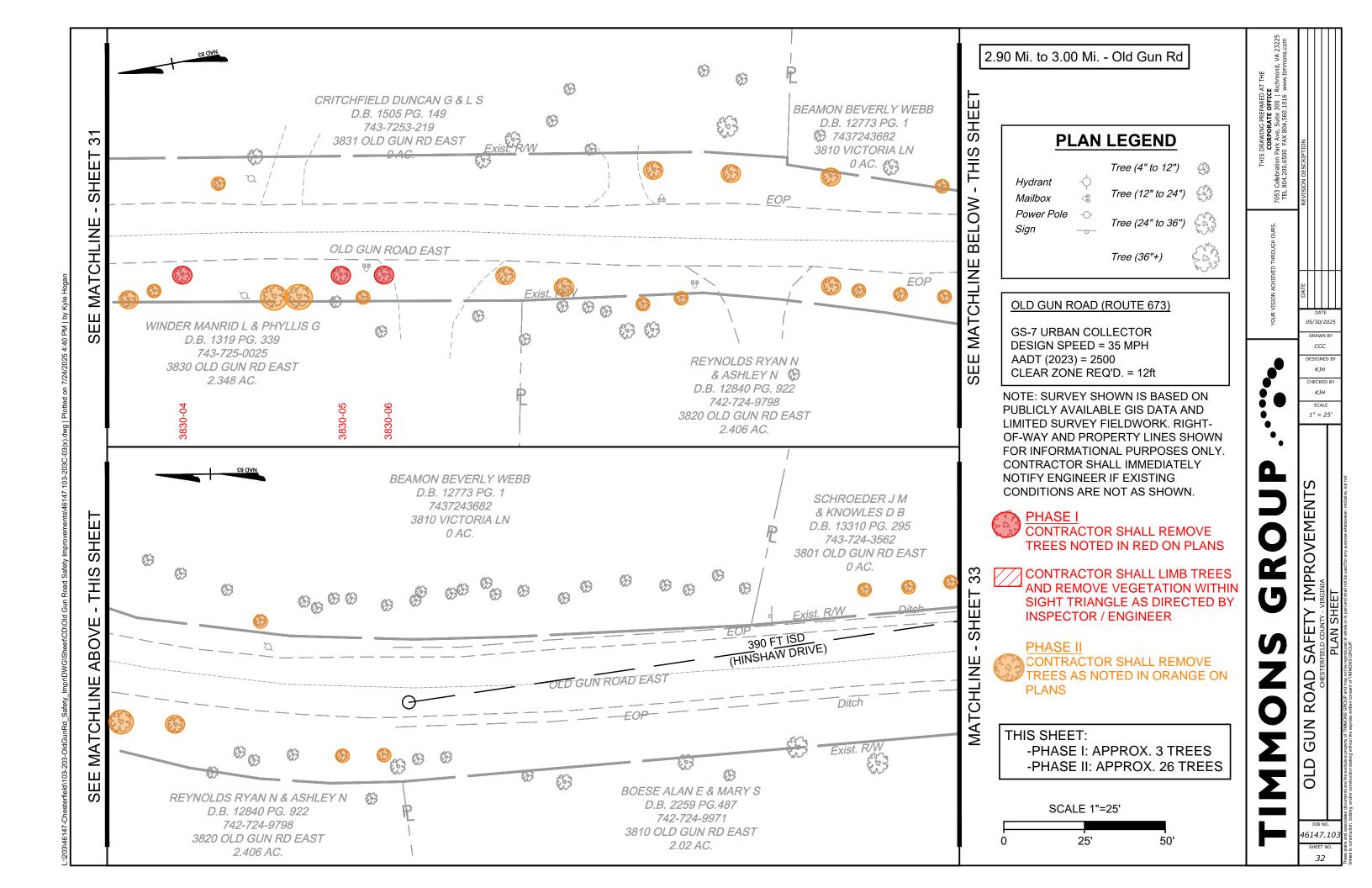


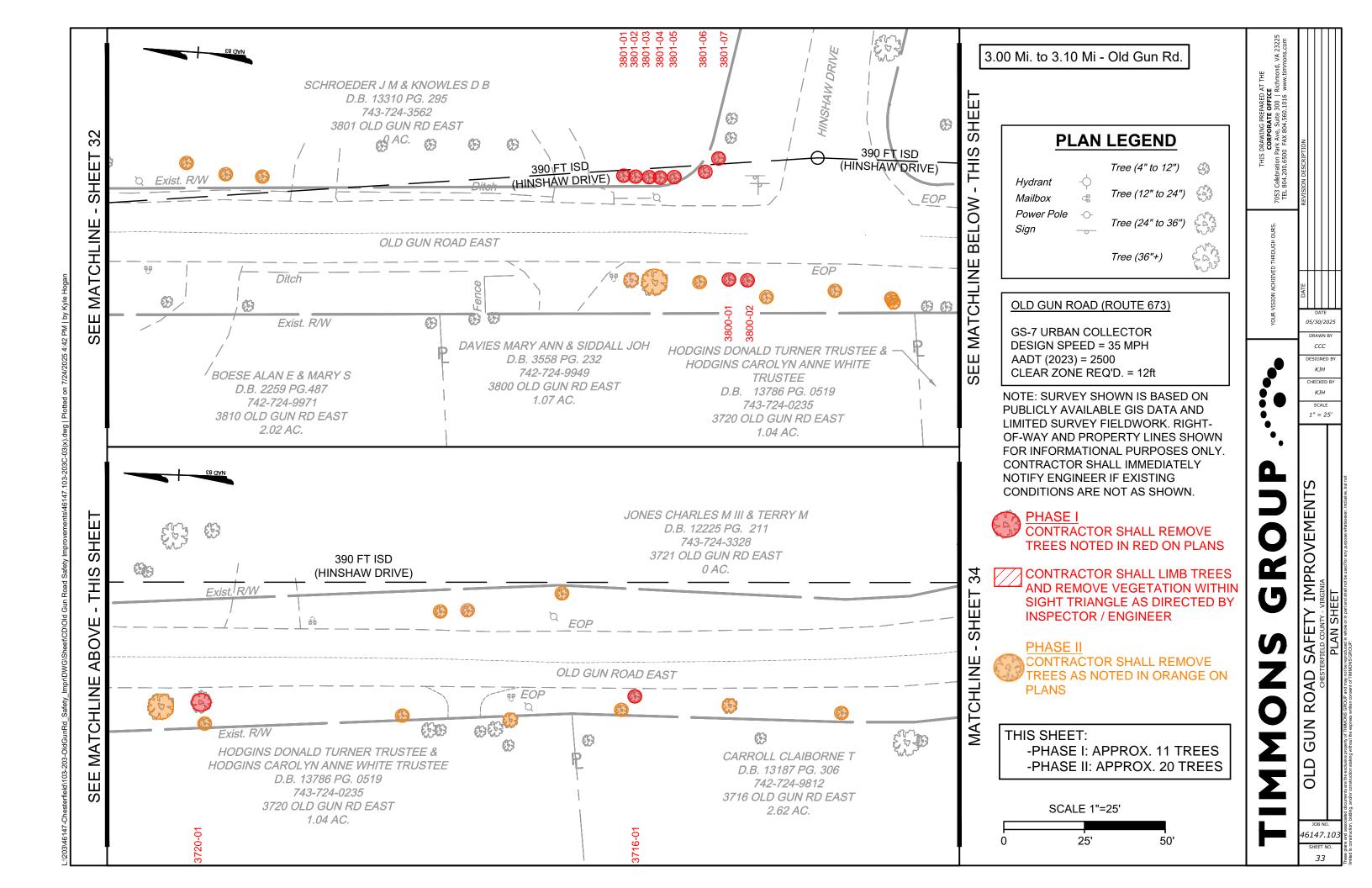


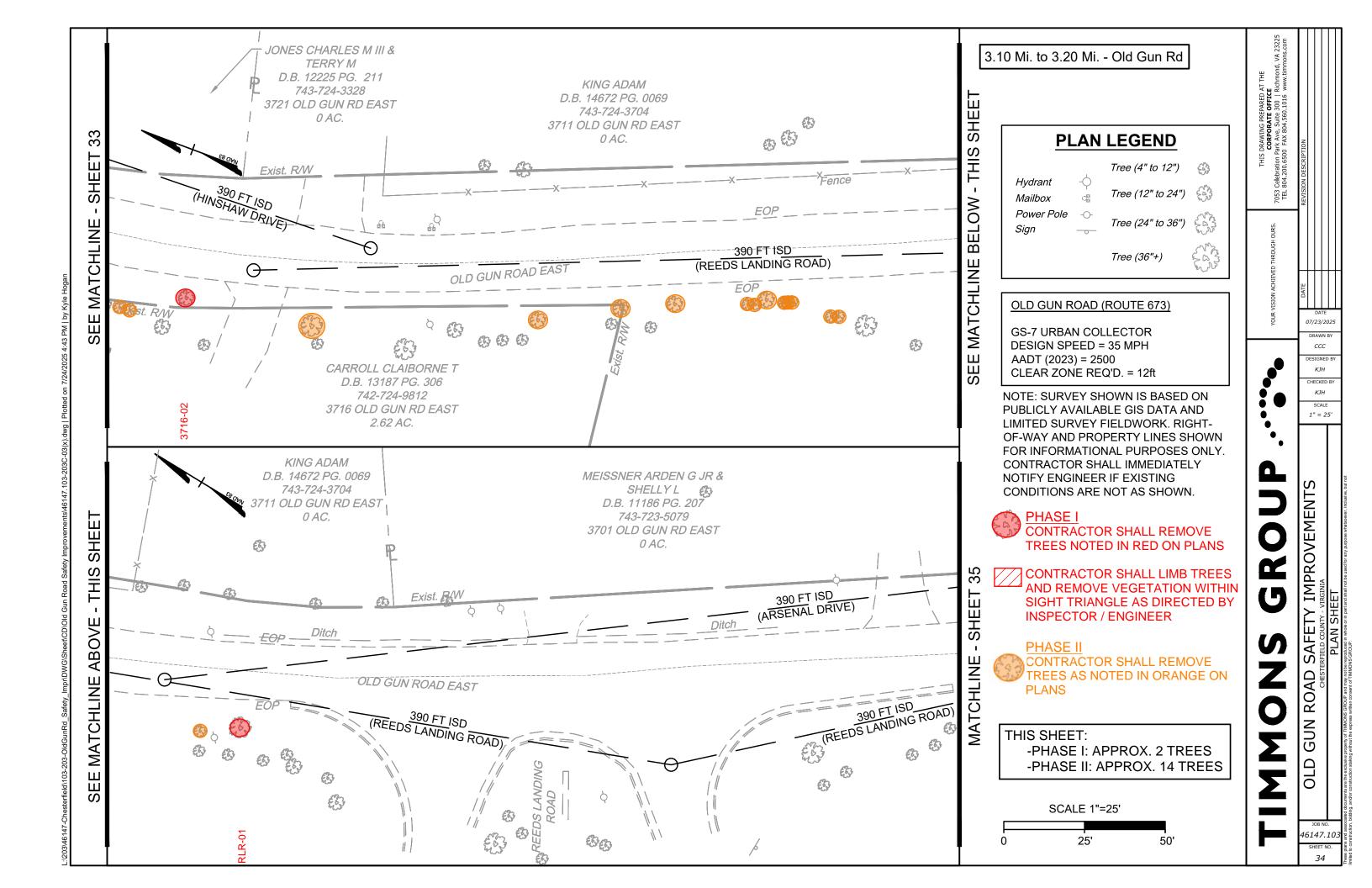


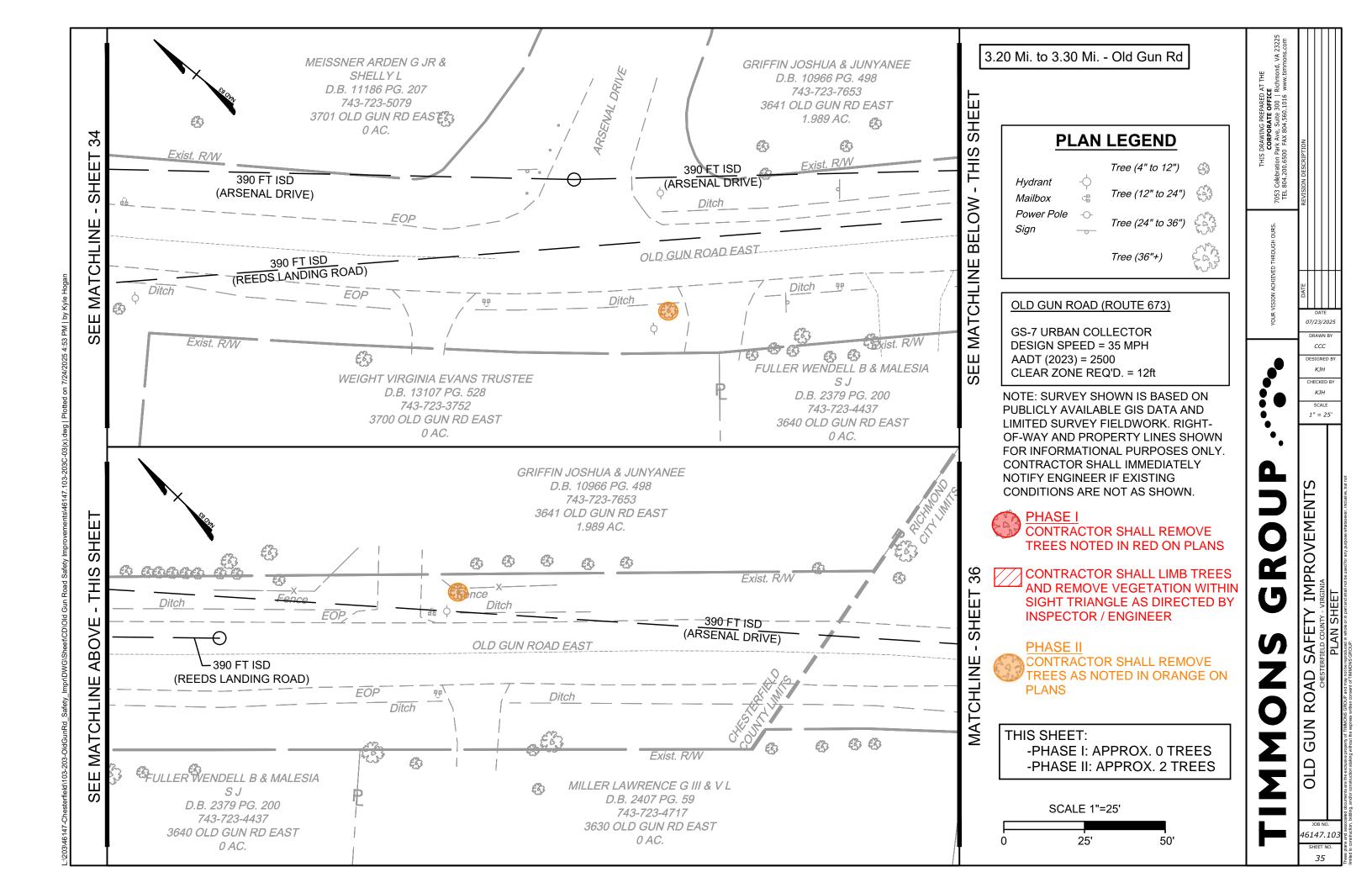


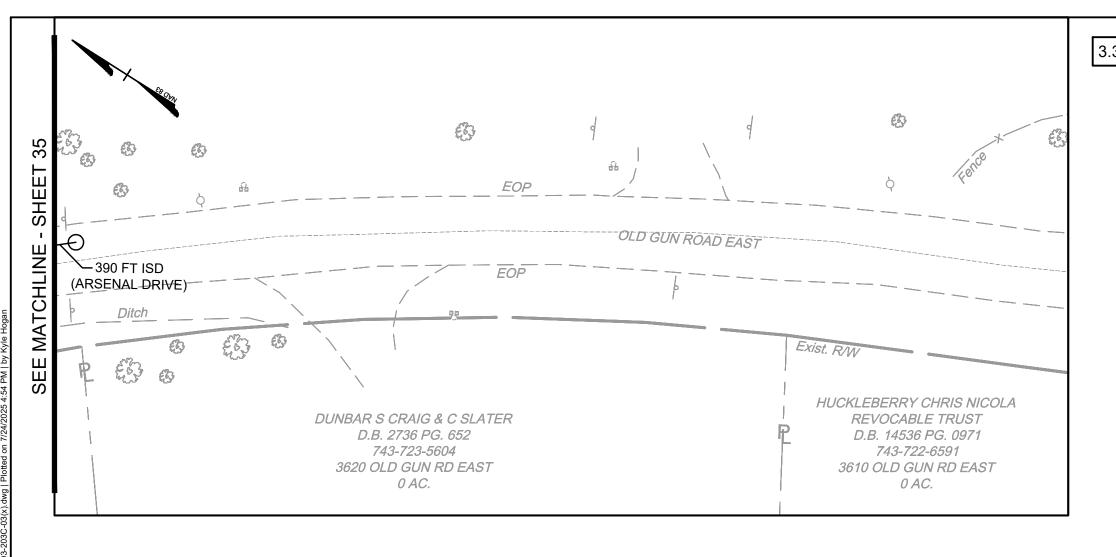












3.30 Mi. to 3.40 Mi. - Old Gun Rd

PLAN LEGEND

Tree (4" to 12") Hydrant Tree (12" to 24") Mailbox Power Pole Tree (24" to 36") Sign Tree (36"+)

OLD GUN ROAD (ROUTE 673)

GS-7 URBAN COLLECTOR CLEAR ZONE REQ'D. = 12ft

NOTE: SURVEY SHOWN IS BASED ON OF-WAY AND PROPERTY LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY.

DESIGN SPEED = 35 MPH AADT (2023) = 2500

PUBLICLY AVAILABLE GIS DATA AND LIMITED SURVEY FIELDWORK. RIGHT-CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER IF EXISTING CONDITIONS ARE NOT AS SHOWN.

~ **GUN ROAD**

SCALE 1"=25' 25'

07/23/2025

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IMPROVEMENT

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