



Standard Utility Agreement

Project Name: Bagdad North
Project Letting Date: 05/01/2025
Utility ID (TxDOT LUP):

Roadway: CR 279/Bagdad Rd
From: South of CR 281
To: North of San Gabriel River

This Standard Utility Agreement ("Agreement") by and between Williamson County, Texas ("County"), and AT&T, ("Utility"), acting by and through its duly authorized representative, shall be effective on the date of approval and execution by and on behalf of the County.

WHEREAS, the County has deemed it necessary to make certain infrastructure improvements as designated by the County and, if applicable, approved by the Federal Roadway Administration and/or the State of Texas, within the limits of the project as indicated above;

WHEREAS, the proposed Project will necessitate the redesign of certain facilities of the Utility as indicated in the following statement of work: Redesign of the previous relocation plan due to a change in scope at the request of the County; and more specifically as shown in the Utility's plans, specifications and estimated costs, which are attached hereto as Attachment "A".

WHEREAS, the County will participate in the costs of the redesign of certain facilities to the extent as may be eligible for the County participation.

WHEREAS, the County, upon receipt of evidence it deems sufficient, acknowledges the Utility's interest in certain lands and facilities that entitle it to reimbursement for the redesign of certain of its facilities located upon the lands as indicated in the statement of work above.

NOW, THEREFORE, BE IT AGREED:

The County will pay to the Utility the costs incurred in the redesign of the Utility's facilities up to the amount said costs may be eligible for County participation.

All conduct under this Agreement, including but not limited to the adjustment, removal, and relocation of the facility, the development and reimbursement of costs, any environmental requirements, and retention of records will be in accordance with all applicable federal, state, and county laws, rules and regulations, including, without limitation, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act, 42 U.S.C. §§ 4601, et seq., the National Environmental Policy Act, 42 U.S.C. §§ 4321, et seq., the Buy America provisions of 23 U.S.C. § 313 and 23 CFR 635.410, as amended, Texas Transportation Code § 223.045, the Utility Relocations, Adjustments, and Reimbursements provisions of 23 CFR 645, Subpart A, and the Utility Accommodation provisions of 23 CFR 645, Subpart B.

The Utility shall supply, upon request by the County, proof of compliance with the aforementioned laws, rules, regulations, and guidelines prior to the commencement of the adjustment, removal, and relocation of the facility.

The Utility shall not commence any physical work, including without limitation site preparation, on the County's right of way or future right of way, until the County provides the Utility with written authorization to proceed with the physical work upon the County's completion and clearance of its environmental review of the Project. Any such work by the Utility prior to the County's written authorization to proceed will not be eligible for reimbursement and the Utility is responsible for entering any property within the proposed limits of the Project that has not yet been acquired by the County. This written authorization to proceed with the physical work is in addition to the authorization to commence work outlined below. Notwithstanding the foregoing, the provisions of this paragraph are required only when the County has not obtained completion and clearance of its environmental review of the Project prior to the execution of this Agreement by the County and the Utility.

If State and/or Federal funding applies to the Project, the Utility shall comply with the Buy America provisions of 23 U.S.C. § 313, 23 CFR 635.410, as amended, and the Steel and Iron Preference provisions of Texas Transportation Code § 223.045 and, when products that are composed predominately of steel and/or iron are incorporated into the

	<u>10/07/2025</u>	<u>DP</u>	<u>09/17/25</u>
Initial	Date	Initial	Date
County		Utility	

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permanent installation of the utility facility, use domestically manufactured products. If State and/or Federal funding applies to the Project, TxDOT Form 1818 (Material statement), along with all required attachments, must be submitted, prior to the commencement of the adjustment, removal, and relocation of the facility, as evidence of compliance with the aforementioned provisions. Failure to submit the required documentation or to comply with the Buy America, and Steel and Iron Preference requirements shall result in: (1) the Utility becoming ineligible to receive any contract or subcontract made with funds authorized under the Intermodal Surface Transportation Efficiency Act of 1991; (2) the County withholding reimbursement for the costs incurred by the Utility in the adjustment, removal, and relocation of the Utility’s facilities; and (3) removal and replacement of the non-compliant products.

The Utility agrees to develop relocation or adjustment costs by accumulating actual direct and related indirect costs in accordance with a work order accounting procedure prescribed by the County, or may, with the County’s approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by the Utility. Bills for work hereunder are to be submitted to the County not later than six (6) months after completion of the field work. Failure to submit the request for final payment, in addition to all supporting documentation, within six (6) months after completion of the field work may result in forfeiture of payment for said work.

When requested, the County will make intermediate payments at not less than monthly intervals to the Utility when properly billed. Such payments will not exceed 90 percent (90%) of the eligible cost as shown in each such billing. Intermediate payments shall not be construed as final payment for any items included in the intermediate payment.

Alternatively, if the approved accounting method is a lump sum, the County agrees to pay the Utility an agreed lump sum of **N/A** as supported by the attached estimated costs. The County will, upon satisfactory completion of the adjustments, removals, and relocations and upon receipt of a final billing, make payment to the Utility in the agreed amount.

Upon execution of this Agreement by both parties hereto, the County will, by written notice, authorize the Utility to perform such work diligently and to conclude said adjustment, removal, and relocation by the stated completion date which is attached hereto in Attachment “C”. The completion date shall be extended for delays caused by events outside the Utility’s control, including an event of Force Majeure, which shall include a strike, war or act of war (whether an actual declaration of war is made or not), insurrection, riot, act of public enemy, accident, fire, flood or other act of God, sabotage, or other events, interference by the County or any other party with the Utility’s ability to proceed with the work, or any other event in which the Utility has exercised all due care in the prevention thereof so that the causes of other events are beyond the control and without the fault or negligence of the Utility.


This Agreement in its entirety consists of the following elements:

Standard Utility Agreement – WILCO-U-SUA;

- Plans, Specifications, and Estimated Costs (Attachment “A”);
- Accounting Method (Attachment “B”);
- Schedule of Work (Attachment “C”);
- Statement Covering Contract Work – WILCO-U-JB (Attachment “D”);
- Utility Joint Use Agreement – WILCO-U-JUA (Attachment “E”);
- Eligibility Ratio Calculation (Attachment “F”);
- Comparative Betterment Calculation and Estimate (Attachment “G”); and
- Proof of Property Interest – WILCO-U-Affidavit (Attachment “H”).

All attachments are included herein as if fully set forth. In the event it is determined that a substantial change from the statement of work contained in this Agreement is required, reimbursement therefore shall be limited to costs covered by a modification or amendment of this Agreement or a written change or extra work order approved by the County and the Utility.

This Agreement is subject to termination, without cause and for convenience, by the County at any time up to the date that work under this Agreement has been authorized, and such cancellation will not create any liability on the


 Initial _____
 Date 10/07/2025
 County

DP _____
 Initial _____
 Date 09/17/25
 Utility

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part of the County. However, the County will review and reimburse the Utility for eligible costs incurred by the Utility in preparation of this Agreement.

The County Auditor may conduct an audit or investigation of any entity receiving funds from the County directly under this Agreement or indirectly through a subcontract under this Agreement. Acceptance of funds directly under this Agreement or indirectly through a subcontract under this Agreement acts as acceptance of the authority of the County Auditor, under the direction of the Legislative Audit Committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the County Auditor with access to any information the County Auditor considers relevant to the investigation or audit.

The Utility by execution of this Agreement does not waive any of the rights that the Utility may have within the limits of the law.

It is expressly understood that the Utility conducts the adjustment, removal, and relocation at its own risk, and that the County makes no warranties or representations regarding the existence or location of utilities currently within its right of way.

The signatories to this Agreement warrant that each has the authority to enter into this Agreement on behalf of the party represented.

UTILITY

Utility: Southwestern Bell Telephone Co. dba AT&T Texas
By: Dustin Pilat
Print Name: Dustin Pilat
Title: Sr. OSP Design Engineer
Date: 09/17/25

THE COUNTY OF WILLIAMSON
Executed and approved for the County of Williamson Texas for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by Williamson County, Texas.
By: Steve Snell (Oct 7, 2025 10:29:09 CDT)
County Judge
Date: 10/07/2025

Bagdad Road (Loop 332 to CR 281) P343

REVIEWED
By Harsha Shetty on 09/18/2025

REVIEWED
By Eddie Church, P.E. at 11:18 am, Sep 22, 2025

REVIEWED
By Robert Martinez at 11:39 am, Sep 22, 2025

APPROVED
By Christen Eschberger at 3:04 pm, Sep 22, 2025

SS 10/07/2025
Initial Date
County

DP 09/17/25
Initial Date
Utility

Attachment "A" Plans, Specifications, and Estimated Costs

Funding Sources

Select all that apply

- City of _____
- Williamson County, Texas
- State of Texas *
- Federal *

*Buy America Compliance only applies when State or Federal funding is present.

All material items within the cost estimate that must meet Buy America or Steel and Iron Preference Provision requirements must be indicated with an asterisk (*) on the attached estimate.

- Currently, **this Project does not plan to use** iron and steel subject to Buy America requirements. In the event that Buy America regulated materials are used during the construction of this Project, compliance documentation will be provided.
- There are non-domestic iron and steel materials in this Project that fall under the De Minimis equation. Calculations showing the total cost does not exceed one-tenth of one percent (0.1%) of the individual utility agreement amount or \$2,500.00, whichever is greater is required.
- We understand the Buy America Compliance Requirements for iron and steel and will supply the required documentation to the County indicating compliance with this provision. The following documents will be supplied prior to the installation of the materials:

- 1) Form 1818 - Material Statement
- 2) Material Test Reports or Certifications

SS. 10/07/2025
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 County

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PLANS

The scope of reimbursement is confined exclusively to redesign efforts and does not cover any additional services or expenditures.

SHEET INDEX:

- 01 - COVER SHEET & INDEX
- 02 - GENERAL NOTES
- 03 - LEGEND
- 04 - KEY MAP
- 05 - UG ALGN-01 STA. 0+00 TO STA. 5+50
- 06 - UG ALGN-01 STA. 5+50 TO STA. 11+00
- 07 - UG ALGN-01 STA. 11+00 TO END
- 08 - UG ALGN-02 STA. 0+00 TO END
- 09 - AERIAL ALGN-01 STA 0+00 TO END
- 10 - UG ALGN-03 STA. 0+00 TO STA. 5+50
- 11 - UG ALGN-03 STA. 5+50 TO STA. 11+00
- 12 - UG ALGN-03 STA. 11+00 TO END
- 13 - AERIAL ALGN-02 STA 0+00 TO END
- 14 - UG ALGN-04 STA. 0+00 TO STA. 5+50
- 15 - UG ALGN-04 STA. 5+50 TO STA. 11+00
- 16 - UG ALGN-04 STA. 11+00 TO STA. 16+50
- 17 - UG ALGN-04 STA. 16+50 TO STA. 22+00
- 18 - UG ALGN-04 STA. 22+00 TO STA. 27+50
- 19 - UG ALGN-04 STA. 27+50 TO STA. 33+00
- 20 - UG ALGN-04 STA. 33+00 TO STA. 38+50
- 21 - UG ALGN-04 STA. 38+50 TO STA. 44+00
- 22 - UG ALGN-04 STA. 44+00 TO STA. 49+50
- 23 - UG ALGN-04 STA. 49+50 TO STA. 56+00
- 24 - UG ALGN-04 STA. 56+00 TO END

- 25 - UG ALGN-05 STA 0+00 TO END
- 26 - UG ALGN-06 STA 0+00 TO END
- 27 - AERIAL ALGN-03 STA. 0+00 TO STA. 5+50
- 28 - AERIAL ALGN-03 STA. 5+00 TO END
- 29 - CONSTRUCTION DETAILS 1
- 30 - CONSTRUCTION DETAILS 2
- 31 - CONSTRUCTION DETAILS 3
- 32 - TCP DETAIL 1



2105-056-01
4106 N BAGDAD RD.
LEANDER, TX 78641

PROJECT INFORMATION:

STREET ADDRESS:
4106 N BAGDAD RD.
LEANDER, TX 78641

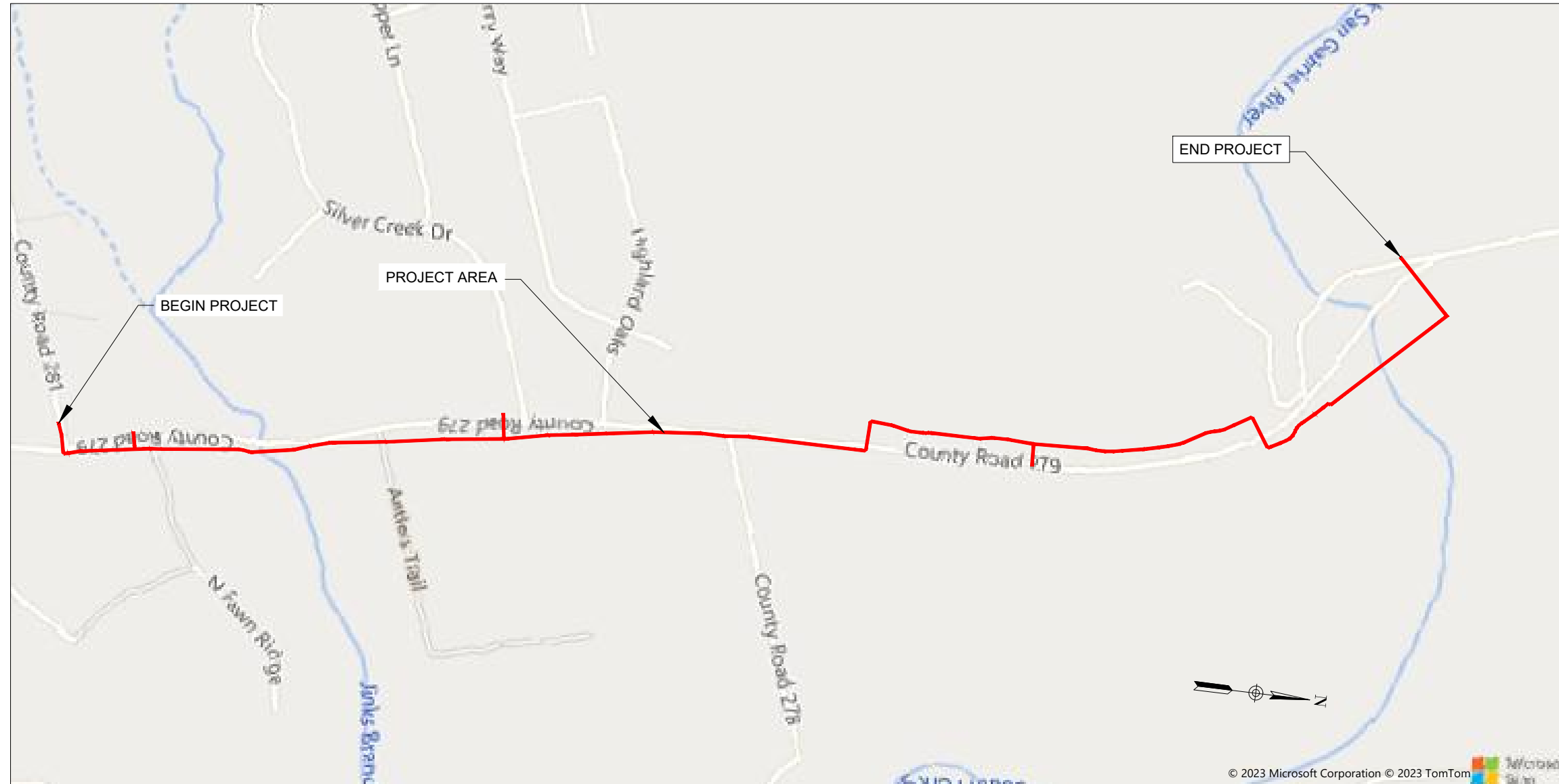
OWNER:
AT&T TEXAS
ATTN: DUSTIN PILAT
817 W. NORTH LOOP BLVD
AUSTIN, TX 78756
PHONE: 512-750-4809
DP099W@ATT.COM

SUBMITTAL PREPARED BY:

CONTACT:
COBB, FENDLEY & ASSOCIATES, INC.
ATTN: GRANT JONES
505 E HUNTLAND DR., STE. 100
AUSTIN, TEXAS 78752
PHONE: 512.834.9798
ATTAUSTIN@COBBFENDLEY.COM

CobbFendley
TBPELS ENGINEERING NO. F-274/
LAND SURVEYING NO. 10046700
505 EAST HUNTLAND DRIVE, SUITE 100
AUSTIN, TEXAS 78752
512.834.9798 | FAX 512.834.7727
WWW.COBBFENDLEY.COM

L O C A T I O N M A P



Dwg. Info: G:\Projects\2022\05071_AT&T_Austin\01_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\STANDARD_SHEETS.dwg - Tab: 02. GENERAL NOTES - Plot: 6/13/2025 1:26 PM. By: VICTOR GARCIA

STANDARD SITE PLANS NOTES:

ORDINANCE REQUIREMENTS

1. ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE RELEASED SITE PLAN. ANY ADDITIONAL IMPROVEMENTS WILL REQUIRE A SITE PLAN AMENDMENT AND APPROVAL FROM THE WATERSHED PROTECTION AND DEVELOPMENT REVIEW DEPARTMENT.
2. ALL SIGNS MUST COMPLY WITH THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE.
3. THE OWNER IS RESPONSIBLE FOR ALL COSTS OF RELOCATION OF, OR DAMAGE TO, UTILITIES.
4. RECLAIMED WATER SERVICE WILL BE PROVIDED BY THE CITY OF AUSTIN.
5. FOR CONSTRUCTION WITHIN THE RIGHT-OF-WAY, A ROW EXCAVATION PERMIT IS REQUIRED.

COMPATIBILITY

6. HIGHLY REFLECTIVE MATERIALS WILL NOT BE USED. MATERIALS MAY NOT EXCEED 20% REFLECTIVITY. THIS REQUIREMENT SHALL NOT APPLY TO SOLAR PANELS OR TO COPPER OR PAINTED METAL ROOFS.
7. THE NOISE LEVEL OF MECHANICAL EQUIPMENT WILL NOT EXCEED 70 D.B.A. AT THE PROPERTY LINE ADJACENT TO RESIDENTIAL USES.

FIRE DEPARTMENT

8. FOR PAVEMENT RESTORATION, THE AUSTIN FIRE DEPARTMENT REQUIRES ASPHALT OR CONCRETE PAVEMENT PRIOR TO CONSTRUCTION AS AN "ALL-WEATHER DRIVING SURFACE."
9. ALL PERVIOUS/DECORATIVE PAVING SHALL BE ENGINEERED AND INSTALLED FOR 80,000 LB. LIVE-VEHICLE LOADS. ANY PERVIOUS/DECORATIVE PAVING WITHIN 100 FEET OF ANY BUILDING MUST BE APPROVED BY THE FIRE DEPARTMENT.
10. VERTICAL CLEARANCE REQUIRED FOR FIRE APPARATUS IS 13 FEET, 6 INCHES FOR FULL WITH OF ACCESS DRIVE.

AMERICANS WITH DISABILITIES ACT

11. THE CITY OF AUSTIN HAS REVIEWED THIS PLAN FOR COMPLIANCE WITH CITY DEVELOPMENT REGULATIONS ONLY. THE APPLICANT, PROPERTY OWNER, AND OCCUPANT OF THE PREMISES ARE RESPONSIBLE FOR DETERMINING WHETHER THE PLAN COMPLIES WITH ALL OTHER LAWS, REGULATIONS, AND RESTRICTIONS WHICH MAY BE APPLICABLE TO THE PROPERTY AND ITS USE.

GENERAL CONSTRUCTION NOTES:

1. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.
2. CONTRACTOR SHALL CALL THE ONE CALL CENTER (472-2822) FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET R.O.W.
3. CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (DPWT) AT 974-7161 AT LEAST 24 HOURS PRIOR TO THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A DRAINAGE EASEMENT OR STREET R.O.W. THE METHOD OF PLACEMENT AND COMPACTION OF BACKFILL IN THE CITY'S R.O.W. MUST BE APPROVED PRIOR TO THE START OF BACKFILL OPERATIONS.
4. FOR SLOPES OR TRENCHES GREATER THAN FIVE FEET IN DEPTH, A NOTE MUST BE ADDED STATING: "ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION." (OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 EAST 6TH STREET, AUSTIN TEXAS.)
5. ALL SITE WORK MUST ALSO COMPLY WITH ENVIRONMENTAL REQUIREMENTS.
6. CONTRACTOR MUST OBTAIN UTILITY EXCAVATION PERMITS, FOR EACH RIGHT-OF-WAY EXCAVATED, FROM THE CITY OF AUSTIN PUBLICS WORKS DEPARTMENT - CONSTRUCTION INSPECTION DIVISION (512-974-7265) PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL PROVIDE A ONE CALL CENTER CONFIRMATION NUMBER.
7. PRIOR TO ANY DIRECTIONAL DRILLING OR BORING, CONTRACTOR MUST CONTACT THE CITY OF AUSTIN PUBLICS WORKS DEPARTMENT - CONSTRUCTION INSPECTION DIVISION (512-974-7161) TO SCHEDULE A MANDATORY PRE-BORE INSPECTION.
8. CITY OF AUSTIN UTILITIES REQUIRE A MINIMUM 2' (FOOT) VERTICAL AND 5' (FOOT) HORIZONTAL SEPARATION DISTANCE, MEASURED FROM OUTER DIAMETER TO OUTER DIAMETER. ANY VARIANCE FROM CITY UTILITIES MUST BE OBTAINED IN WRITING AND SUBMITTED TO THE CITY OF AUSTIN PUBLICS WORKS DEPARTMENT - CONSTRUCTION INSPECTION DIVISION (512-974-7265).

9. FOR EXCAVATION WITHIN 100 FEET OF A MOONLIGHT TOWER OR WITHIN 100 FEET OF A GUY WIRE SUPPORTING A MOONLIGHT TOWER, EXCAVATION OR CONSTRUCTION PLANS AND SEQUENCING INFORMATION THAT DEMONSTRATES THAT THE MOONLIGHT TOWER WILL BE ADEQUATELY PROTECTED FROM DAMAGE DURING EXCAVATION OR CONSTRUCTION MUST BE SUBMITTED TO CITY OF AUSTIN - PUBLIC WORKS DEPARTMENT - AUSTIN ENERGY (512-505-7611).
10. CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS AT 974-7161 PRIOR TO THE INSTALLATION OF ANY FACILITY WITHIN A DRAINAGE EASEMENT OR STREET R.O.W. THE METHODS OF PLACEMENT AND COMPACTION OF BACKFILL IN THE CITY'S R.O.W. MUST BE APPROVED PRIOR TO START OF THE BACKFILL OPERATION.
11. FOR SLOPES OR TRENCHES MORE THAN FIVE (5) FEET IN DEPTH, A NOTE MUST BE ADDED TO THE GENERAL CONSTRUCTION NOTES STATING THAT: "ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD SPECIFICATIONS ITEM NO. 509 AND APPLICATION REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)". COPIES OF THE OSHA STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE, INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 E. 6TH STREET, AUSTIN, TEXAS.
12. CONTRACTOR MUST OBTAIN ALL LOCATES PRIOR TO CONSTRUCTION. VERIFY THE LOCATION OF UNDERGROUND UTILITIES AT LEAST 100FT IN ADVANCE OF ALL PROPOSED UTILITY CROSSINGS, AND ALSO AT LOCATIONS WHERE THE PROPOSED FACILITIES ARE DEPICTED TO RUN PARALLEL TO AND WITHIN 5FT OF EXISTING FACILITIES.
13. ALL LABOR TO BE PERFORMED IN ACCORDANCE WITH THE LATEST OSHA STANDARDS, INCLUDING BUT NOT LIMITED TO TRENCH SAFETY.
14. TRENCH BACKFILL TO BE ADEQUATELY COMPACTED. CONTRACTOR IS RESPONSIBLE FOR TRENCH BACKFILL STABILITY. ANY AND ALL SETTLEMENT OR EROSION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE UNTIL FULL STABILITY IS ACHIEVED.
15. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO EXISTING UTILITIES, STREET, SIDEWALK, CURB AND GUTTER AND GRADE.
16. ANY DAMAGE TO PRIVATE UTILITIES, INCLUDING BUT NOT LIMITED TO IRRIGATION LINES SHALL BE REPAIRED IN A TIMELY MANNER AT CONTRACTOR'S EXPENSE.
17. CONTRACTOR MUST NOT CHANGE THE CONSTRUCTION METHOD WITHOUT OBTAINING PRIOR APPROVAL FROM DESIGN ENGINEER, AND COA ROW MANAGEMENT.
18. IN COA ROW: CONTRACTOR IS NOT ALLOWED TO MOVE THE PROPOSED ALIGNMENT BY A MEASUREMENT OF 2FT OR GREATER. ANY MOVEMENT OF PROPOSED ALIGNMENT BY A MEASUREMENT GREATER THAN 2FT MUST BE APPROVED THROUGH COA AULCC.
19. CONTRACTOR IS URGED TO CONTACT THE ENGINEER FOR ANY CLARIFICATION THAT MAY BE NECESSARY.
20. ALL CONSTRUCTION AND INSTALLATION TO BE IN ACCORDANCE WITH AT&T TEXAS STANDARDS.
21. EXISTING INFRASTRUCTURE LAYOUT WAS OBTAINED FROM RECORDS RESEARCH & GEOPHYSICAL FEATURES IN THE FIELD, & MAY OR MAY NOT BE ACCURATE NOR COMPLETE. CONTRACTOR IS RESPONSIBLE TO VERIFY & LOCATE ALL UTILITIES & OTHER OBSTRUCTIONS PRIOR TO COMMENCING WORK.
22. CONTRACTOR MUST CONTACT COA ROW MANAGEMENT (512) 974-7180 TO SCHEDULE A PRE-BORE INSPECTION PRIOR TO ANY BORING IN COA ROW. ADDITIONALLY, CONTRACTOR MUST CONTACT COA ROW MANAGEMENT FOR BACKFILL INSPECTION PRIOR TO ANY BORE PIT AND/OR TRENCH BACKFILL THAT COMES WITHIN PRIVATE PROPERTY. MUST BE PREAPPROVED BY ASSOCIATED PROPERTY OWNER AND DOCUMENTED IN WRITING.

DEVELOPER INFORMATION

OWNER: AT&T TEXAS
 CONTACT: DUSTIN PILAT
 ADDRESS: 817 W. NORTH LOOP BLVD
 AUSTIN, TX 78756
 PHONE: 512-750-4809
 EMAIL: dp099w@att.com

NAME _____ CF CONTACT _____ PHONE _____ CF CONTACT PHONE _____
 OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS

NAME _____ PHONE _____
 PERSON OR FIRM RESPONSIBLE FOR
 EROSION/SEDIMENTATION CONTROL MAINTENANCE.

NAME _____ PHONE _____
 PERSON OR FIRM RESPONSIBLE FOR
 TREE/NATURAL AREA PROTECTION MAINTENANCE.

PLAN & PROFILE SHEET GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING CONSTRUCTION. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES CAUSED BY ANY CONSTRUCTION RELATED ACTIVITIES, INCLUDING DAMAGES INCURRED DUE TO FAILURE TO ACCURATELY LOCATE AND PROPERLY PROTECT AND PRESERVE ALL PREVIOUSLY EXISTING UNDERGROUND UTILITIES AND STRUCTURES.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL BORE PIT AND RECEIVING PIT LOCATIONS, DEPTHS, AND DIMENSIONS. INFORMATION SHOWN ON THE PLANS IS FOR REFERENCE ONLY.
3. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITY CROSSINGS PRIOR TO COMMENCING CONSTRUCTION OF THE PROPOSED DESIGN.
4. ANY DISCREPANCIES BETWEEN WHAT IS SHOWN IN THE PLANS AND WHAT IS OBSERVED IN THE FIELD SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO MAKING ADJUSTMENTS AND/OR PROCEEDING WITH INSTALLATIONS.
5. IF THERE ARE TREES WITHIN THE PROJECT LIMITS, THE CONTRACTOR SHALL PROTECT THE TREES AND THEIR CRITICAL ROOT ZONES PER COA SPECIFICATIONS THROUGHOUT ALL CONSTRUCTION-RELATED ACTIVITIES.
6. CONTRACTOR SHALL MAINTAIN A MINIMUM 3 FT VERTICAL AND 5 FT HORIZONTAL CLEARANCE FROM ALL AUSTIN WATER INFRASTRUCTURE AND ALL OTHER PREVIOUSLY EXISTING UNDERGROUND UTILITIES AND STRUCTURES.
7. CONTRACTOR IS TO ENSURE CONSTRUCTION DOES NOT DAMAGE EXISTING CURB INLET STRUCTURE.
8. CONTRACTOR SHALL BRACE AND SUPPORT EXISTING UTILITY POLES AND LIGHT POLES WHEN CONDUCTING WORK IN THE VICINITY AT THEIR OWN EXPENSE.
9. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO FENCES, LANDSCAPING, IRRIGATION SYSTEMS, AND ALL OTHER PRIVATE PROPERTY LOCATED ADJACENT TO THE RIGHT OF WAY, INCLUDING ITEMS LOCATED WITHIN THE LIMITS OF PUBLIC UTILITY EASEMENTS (PUE'S), CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGED ITEMS TO EQUAL OR BETTER THAN THEIR ORIGINAL CONDITION AND FUNCTION AT THEIR OWN EXPENSE.
10. CONTRACTOR SHALL COMPLY WITH ALL CURRENT OSHA, STATE, MUNICIPAL, AND ALL OTHER APPLICABLE SAFETY CODES, ORDINANCES, AND REGULATIONS, AND OBSERVE ALL APPLICABLE SAFETY SPECIFICATIONS CONCERNING EXCAVATION, TRENCHING, SHORING, AND OTHER APPLICABLE CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION AND/OR TEMPORARY ACCESS EASEMENTS FROM ALL AFFECTED PROPERTY OWNERS PRIOR TO COMMENCING CONSTRUCTION RELATED ACTIVITIES THAT WILL ENCROACH ON PRIVATE PROPERTY ADJACENT TO THE RIGHT OF WAY.
12. CONTRACTOR SHALL PROVIDE A TRENCH SAFETY PLANS SEALED BY A PROFESSIONAL ENGINEER FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION RELATED ACTIVITIES. TRENCH SAFETY PLAN SHALL COMPLY WITH ALL APPLICABLE LOCAL, REGIONAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS
13. THE EXISTING GROUND SURFACE IS BASED ON CITY OF AUSTIN GIS DATA PROVIDED PRIOR TO THIS PLAN'S DATE.
14. THERE IS NO STAGING AREA (LAY DOWN AREA) AVAILABLE AT THIS SITE FOR STORAGE OF EQUIPMENT AND MATERIALS. CONTRACTOR SHALL NOT STORE MATERIALS AND EQUIPMENT ON SITE OVERNIGHT, AND ALL TRASH AND SPOIL MATERIAL SHALL BE CLEANED UP DAILY.

!!! WARNING - UTILITIES CROSSINGS !!!
 CONTRACTOR TO FIELD VERIFY ALL
 UTILITIES CROSSINGS TO AVOID CONFLICT
 (TYP.)

!!! WARNING !!!
 OVERHEAD ELECTRIC LINES IN PROJECT
 AREA.

!!! WARNING !!!
 GAS LINES IN PROJECT AREA.

!!! WARNING !!!
 UNDERGROUND ELECTRIC LINES IN
 PROJECT AREA.

PLAN & PROFILE SCALE (IF APPLICABLE):	
HORIZONTAL:	N/A
VERTICAL:	N/A



CobbFendley
 TBPELS ENGINEERING NO. F-274/
 LAND SURVEYING NO. 10046701
 505 EAST HUNTLAND DRIVE, SUITE 100
 AUSTIN, TEXAS 78752
 512.834.9798 | FAX 512.834.7727
 WWW.COBBFENDLEY.COM

6/13/2025

REVISIONS			
REV. NO.	DESCRIPTION	APP'D BY:	DATE

THESE DESIGN DOCUMENTS ARE NOT TO BE
 USED FOR CONSTRUCTION PRIOR TO
 REGULATORY SIGNATURE AND PERMIT.

PROJ. NO:	2205-071-01
DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

GENERAL NOTES

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

LEGEND

EXISTING

	WATER LINE
	WASTEWATER LINE
	STORM SEWER
	UNDERGROUND ELECTRIC
	OVERHEAD ELECTRIC
	UNDERGROUND TELECOM
	OVERHEAD TELECOM
	EX. EOP
	EX. ROW
	EX. ATT TO BE REMOVED

PROPOSED

	PROP AERIAL TELECOM
	PROP UG TELECOM - BY TRENCH
	PROP UG TELECOM - BY HDD BORE
	LIMITS OF CONSTRUCTION (LOC)
	TREE PROTECTION
	INLET PROTECTION
	PROP. EOP
	PROP. ROW
	PROP. DITCH
	PROP. BORE STAGING AREA
	PROP. BORE RECEIVING PIT
	PROP. POLE
	PROP. HANDHOLE
	PROP. ANCHOR AND GUY WIRE

BLOCKS

	BENCHMARK		WATER METER
	BOLLARD		WATER VALVE
	BORE HOLE		WELL
	CATV JUNCTION BOX		POWER POLE
	CATV PEDESTAL		POWER POLE W / LIGHT
	CLEANOUT		POWER POLE W / METER
	COMM MANHOLE		POWER POLE W / RISER
	CONC. HWY MONUMENT (TYPE II)		POWER POLE W / RISER & METER
	CONC. MONUMENT SET		POWER POLE W / TRANSFORMER
	COTTON SPINDLE FOUND		PULL BOX
	COTTON SPINDLE SET		RISER
	ELECTRIC JUNCTION BOX		ROOF DRAIN
	ELECTRIC MANHOLE		SEPTIC LID
	ELECTRIC METER		SIGNAGE
	ELECTRIC PEDESTAL		SPRINKLER HEAD
	ELECTRIC TRANSFORMER PAD		STORM SEWER MANHOLE
	FIRE HYDRANT		TELECOM JUNCTION BOX
	GAS MANHOLE		TELECOM MANHOLE
	GAS METER		TELECOM PEDESTAL
	GAS TEST LEAD		TEST HOLE
	GAS VALVE		TEST HOLE REFERENCE POINT
	GROUND LIGHT		TRAFFIC SIGNAL BOX
	GUARD POST		TRAFFIC SIGNAL POLE
	GUY WIRE		
	IRON PIPE FOUND		TREES & VEGETATION
	IRON ROD FOUND		
	IRON ROD SET		
	IRRIGATION CONTROL VALVE		CATV MARKER - UNDERGROUND
	LIGHT		ELEC MARKER - UNDERGROUND
	MAILBOX		FIBER OPTIC MARKER - UNDERGROUND
	MANHOLE		GAS MARKER - UNDERGROUND
	MONITOR WELL		PIPELINE MARKER - UNDERGROUND
	NAIL FOUND		TELEPHONE MARKER - UNDERGROUND
	NAIL SET		WATERLINE MARKER - UNDERGROUND
	VALVE - MISC.		WATER FAUCET
	VENT		WATER MANHOLE
	WASTEWATER MANHOLE		

PLAN & PROFILE SCALE (IF APPLICABLE):	
HORIZONTAL:	N/A
VERTICAL:	N/A



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DESIGN:	AAL
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CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

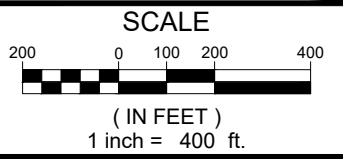
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LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
03 OF 32

Dwg. Info: S:\Share\Users\Garcia\LIBERTY-HILL-20250613-LATEST UPDATE\STANDARD SHEETS.dwg - Tab: 03 LEGEND - Plotted: 6/13/2025 5:07 PM. By: COLLIN ADAMS

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PLAN & PROFILE SCALE (IF APPLICABLE):
 HORIZONTAL: 1"=400'
 VERTICAL: N/A



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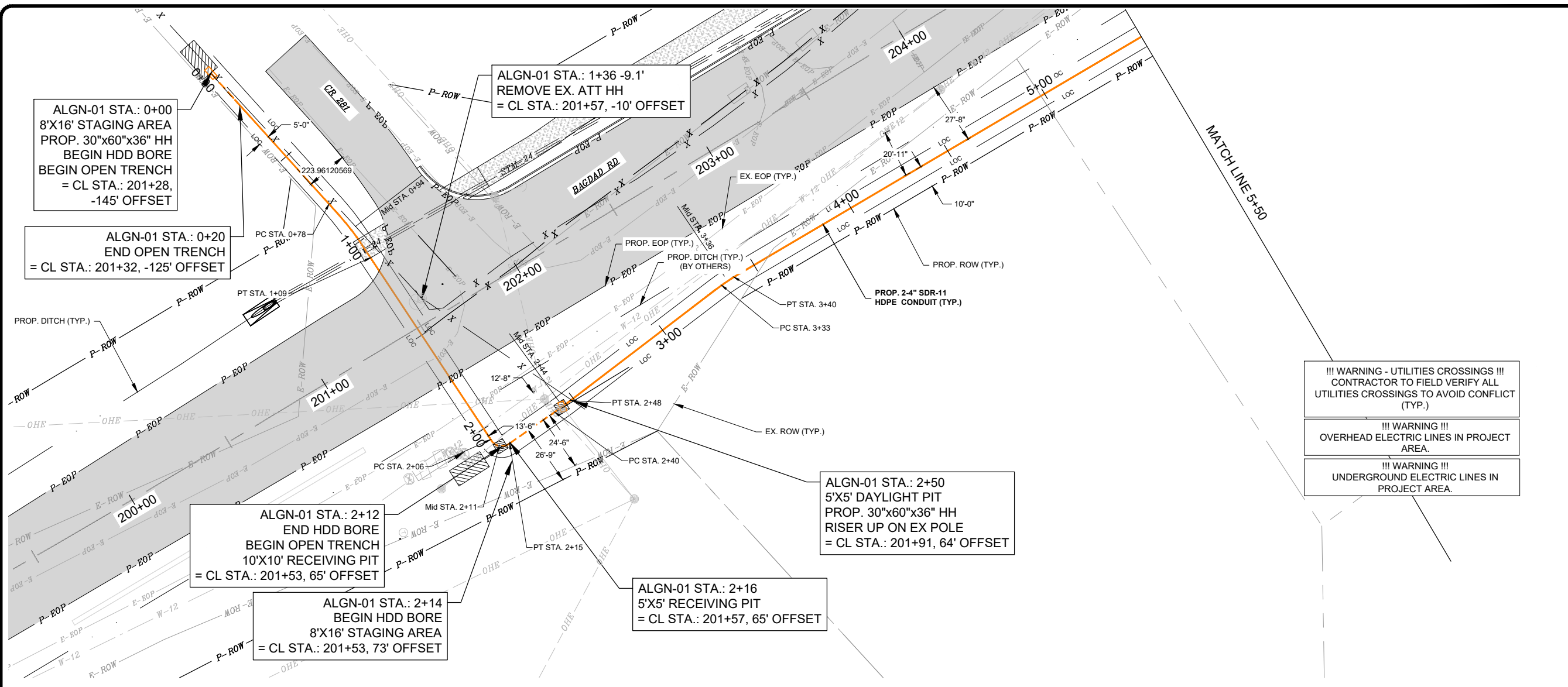
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DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

KEY MAP

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
04 OF 32

Dwg. Info: G:\Projects\2022\05071_AT&T_Austin\01_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-01.dwg - Tab: 05 UC ALGN-01 STA. 0+00 TO STA. 5+50 - Plotted: 6/13/2025 1:32 PM By: VICTOR GARCIA



ALGN-01 STA.: 0+00
8'X16' STAGING AREA
PROP. 30"x60"x36" HH
BEGIN HDD BORE
BEGIN OPEN TRENCH
= CL STA.: 201+28,
-145' OFFSET

ALGN-01 STA.: 0+20
END OPEN TRENCH
= CL STA.: 201+32, -125' OFFSET

ALGN-01 STA.: 1+36 -9.1'
REMOVE EX. ATT HH
= CL STA.: 201+57, -10' OFFSET

ALGN-01 STA.: 2+12
END HDD BORE
BEGIN OPEN TRENCH
10'X10' RECEIVING PIT
= CL STA.: 201+53, 65' OFFSET

ALGN-01 STA.: 2+14
BEGIN HDD BORE
8'X16' STAGING AREA
= CL STA.: 201+53, 73' OFFSET

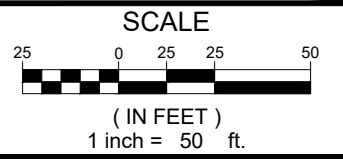
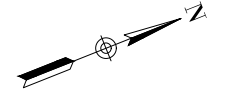
ALGN-01 STA.: 2+16
5'X5' RECEIVING PIT
= CL STA.: 201+57, 65' OFFSET

ALGN-01 STA.: 2+50
5'X5' DAYLIGHT PIT
PROP. 30"x60"x36" HH
RISER UP ON EX POLE
= CL STA.: 201+91, 64' OFFSET

!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)

!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.



PLAN & PROFILE SCALE (IF APPLICABLE):
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



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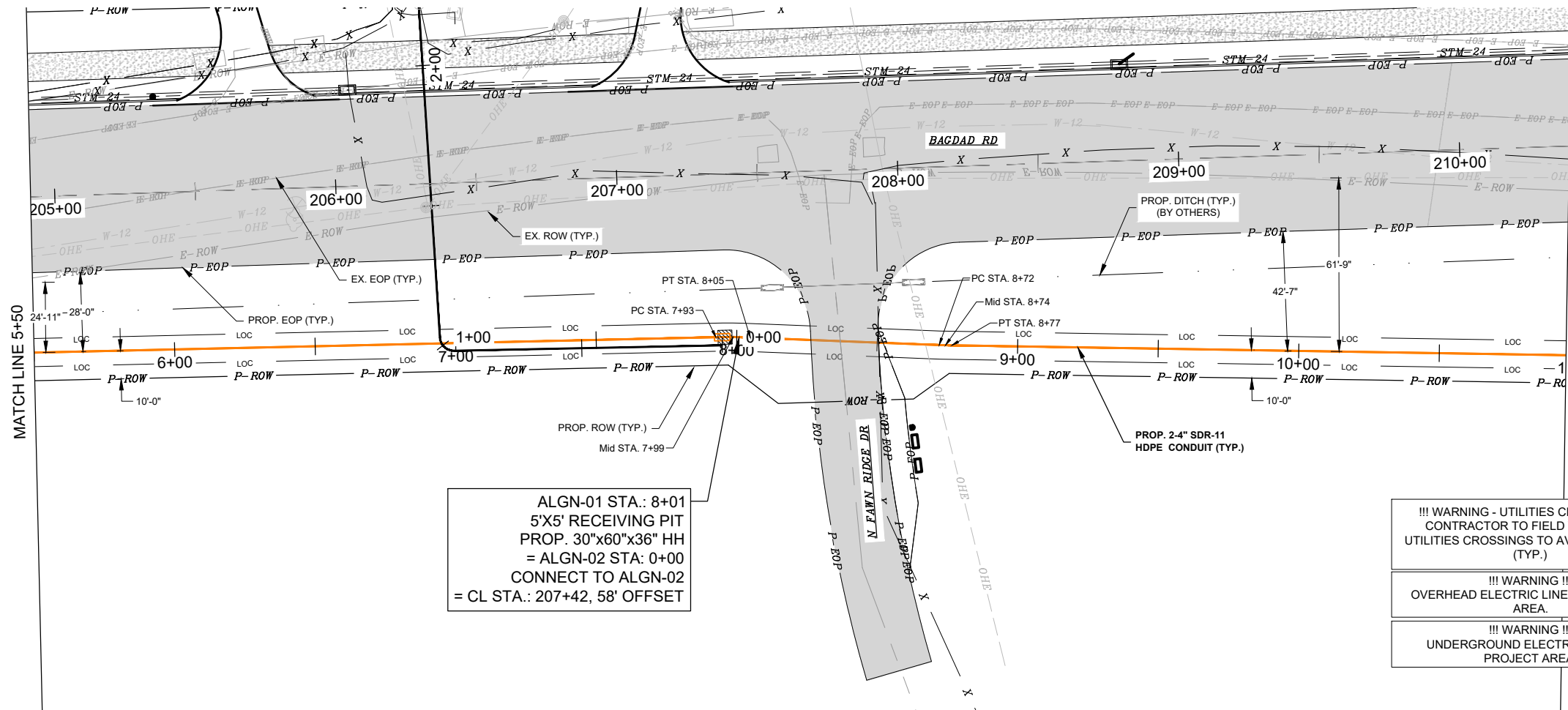
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UG ALGN-01 STA. 0+00 TO
STA. 5+50

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
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SHEET
05 OF 32

Dwg. Info: G:\Projects\2022\05071_AT&T_Austin\01_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-01.dwg - Tab: 06 UC ALGN-01 STA. 5+50 TO STA. 11+00 - Plotted: 6/13/2025 1:32 PM By: VICTOR GARCIA

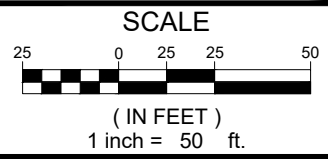


ALGN-01 STA.: 8+01
 5'X5' RECEIVING PIT
 PROP. 30"x60"x36" HH
 = ALGN-02 STA: 0+00
 CONNECT TO ALGN-02
 = CL STA.: 207+42, 58' OFFSET

!!! WARNING - UTILITIES CROSSINGS !!!
 CONTRACTOR TO FIELD VERIFY ALL
 UTILITIES CROSSINGS TO AVOID CONFLICT
 (TYP.)

!!! WARNING !!!
 OVERHEAD ELECTRIC LINES IN PROJECT
 AREA.

!!! WARNING !!!
 UNDERGROUND ELECTRIC LINES IN
 PROJECT AREA.



PLAN & PROFILE SCALE (IF APPLICABLE):
 HORIZONTAL: 1"=50'
 VERTICAL: 1"=10'



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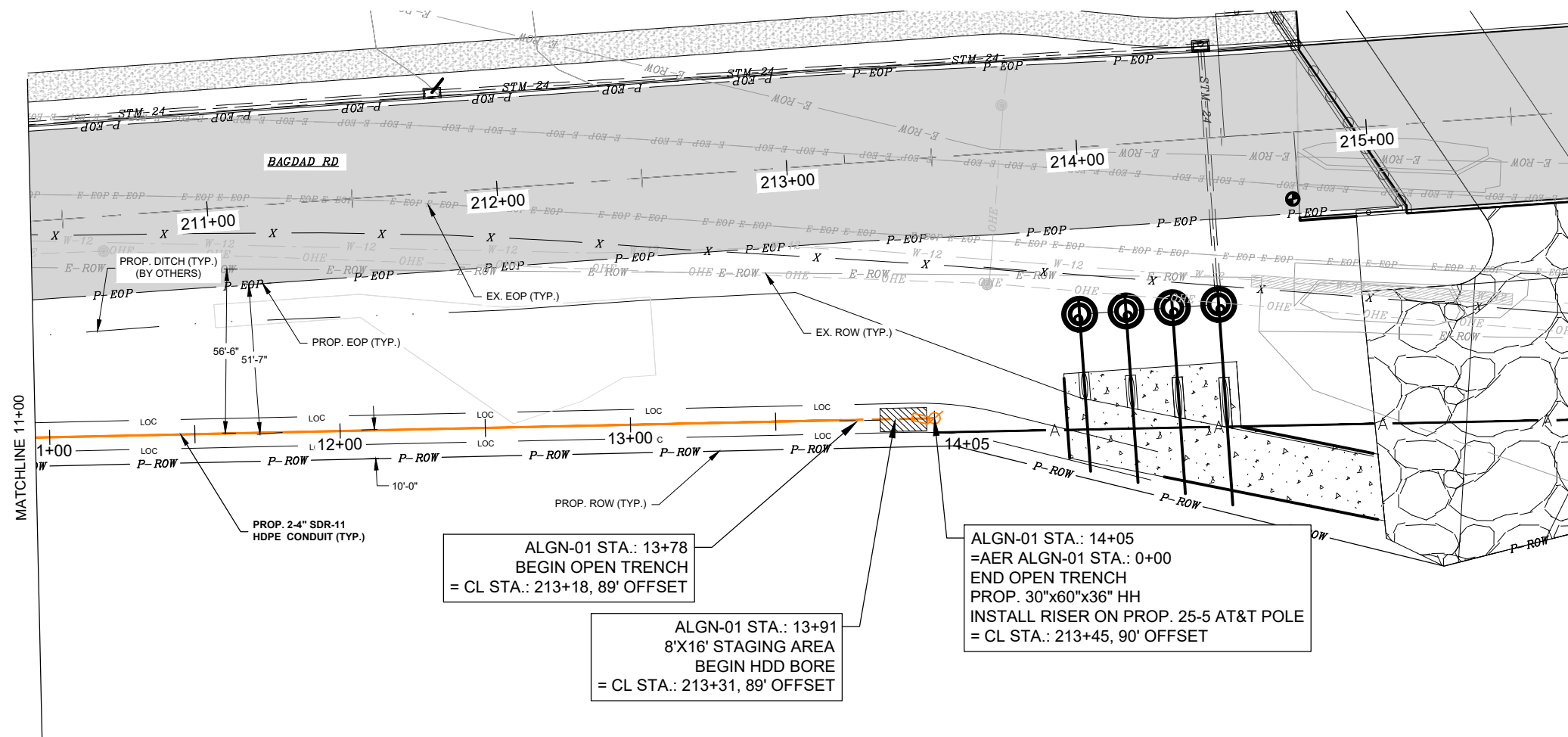
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DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

UG ALGN-01 STA. 5+50 TO
 STA. 11+00

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
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SHEET
 06 OF 32

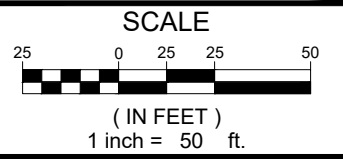
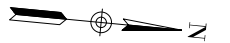
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!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)

!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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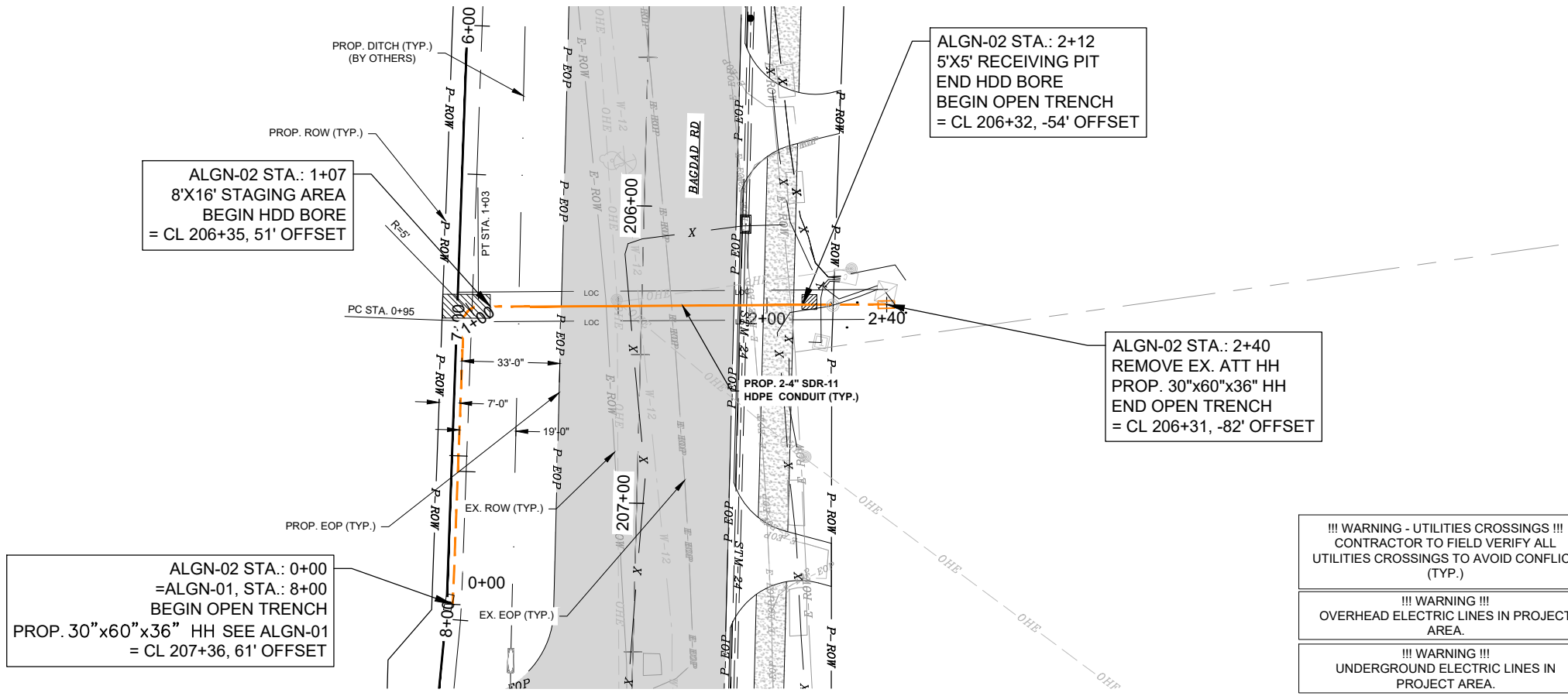
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CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

UG ALGN-01 STA. 11+00 TO
END

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
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SHEET
07 OF 32

Dwg. Info: G:\Projects\2022\05071_AT&T_Austin\01_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-02.dwg - Tab: 08 UC ALGN-02 STA. 0+00 TO END - Plotted: 6/13/2025 1:33 PM By: VICTOR GARCIA



ALGN-02 STA.: 0+00
 =ALGN-01, STA.: 8+00
 BEGIN OPEN TRENCH
 PROP. 30"x60"x36" HH SEE ALGN-01
 = CL 207+36, 61' OFFSET

ALGN-02 STA.: 1+07
 8'X16' STAGING AREA
 BEGIN HDD BORE
 = CL 206+35, 51' OFFSET

ALGN-02 STA.: 2+12
 5'X5' RECEIVING PIT
 END HDD BORE
 BEGIN OPEN TRENCH
 = CL 206+32, -54' OFFSET

ALGN-02 STA.: 2+40
 REMOVE EX. ATT HH
 PROP. 30"x60"x36" HH
 END OPEN TRENCH
 = CL 206+31, -82' OFFSET

!!! WARNING - UTILITIES CROSSINGS !!!
 CONTRACTOR TO FIELD VERIFY ALL
 UTILITIES CROSSINGS TO AVOID CONFLICT
 (TYP.)

!!! WARNING !!!
 OVERHEAD ELECTRIC LINES IN PROJECT
 AREA.

!!! WARNING !!!
 UNDERGROUND ELECTRIC LINES IN
 PROJECT AREA.

N

SCALE

(IN FEET)
 1 inch = 50 ft.

PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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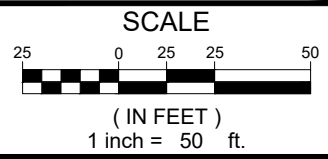
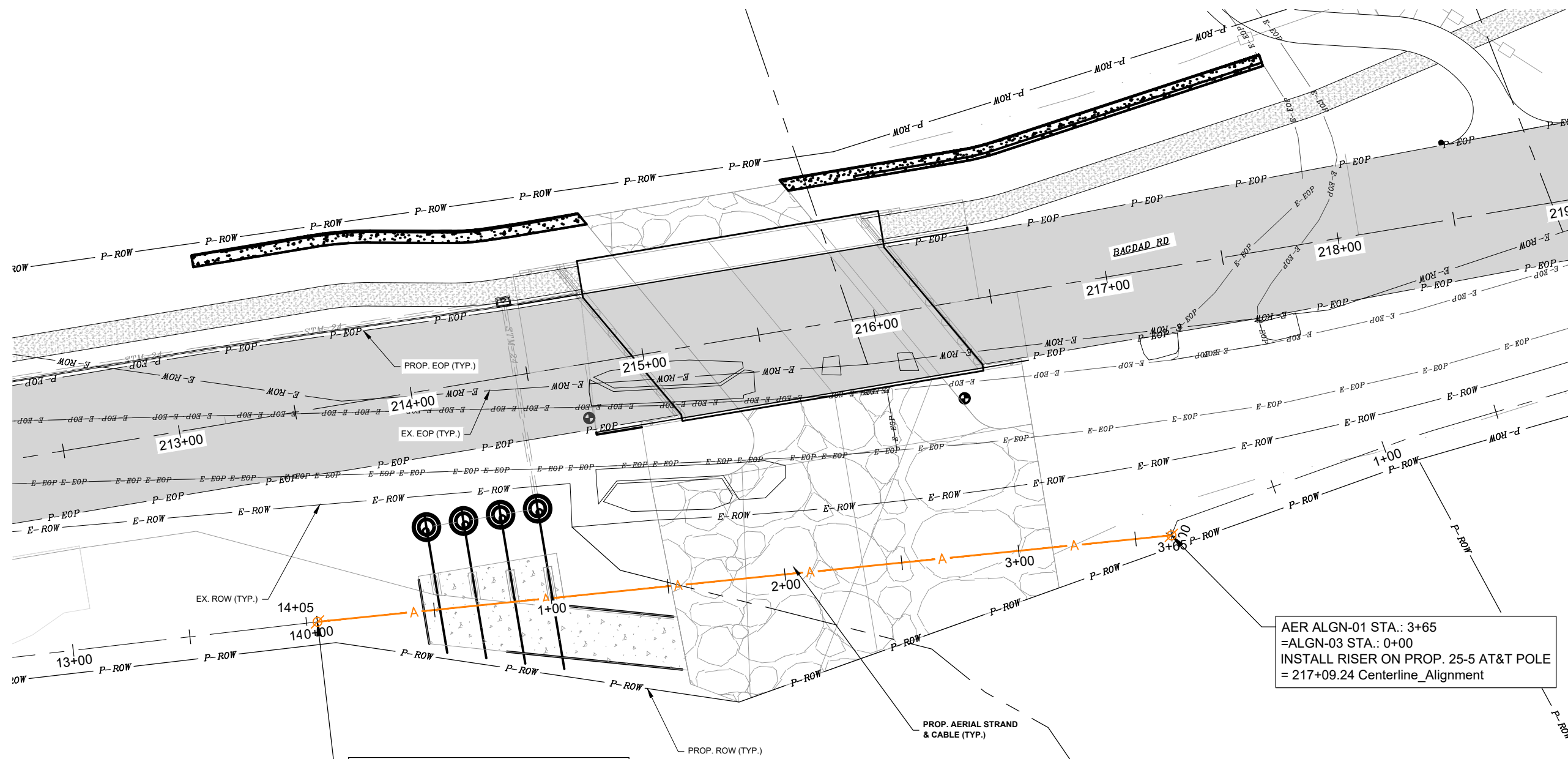
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APPR:	GRJ
DATE:	MARCH 2024

**UG ALGN-02 STA. 0+00 TO
 END**

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PLAN & PROFILE SCALE (IF APPLICABLE):
HORIZONTAL: 1"=50'
VERTICAL: N/A



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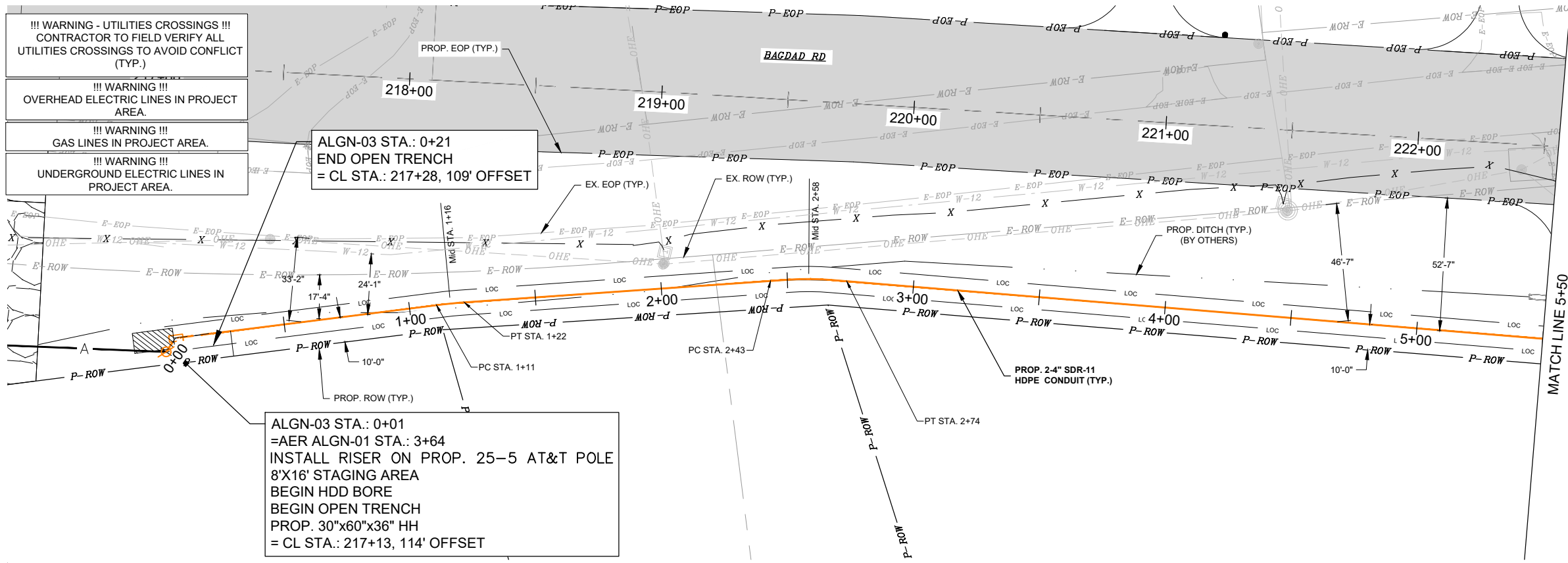
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AERIAL ALGN-01 STA 0+00 TO END

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
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Dwg. Info: G:\Projects\2022\05071_AT&T_Austin\01_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-03.dwg - Tab: 10 UC ALGN-03 STA. 0+00 TO STA. 5+50 - Plotted: 6/13/2025 1:35 PM By: VICTOR GARCIA



!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL UTILITIES CROSSINGS TO AVOID CONFLICT (TYP.)

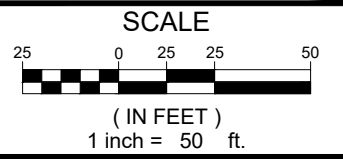
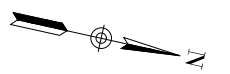
!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT AREA.

!!! WARNING !!!
GAS LINES IN PROJECT AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN PROJECT AREA.

ALGN-03 STA.: 0+21
END OPEN TRENCH
= CL STA.: 217+28, 109' OFFSET

ALGN-03 STA.: 0+01
=AER ALGN-01 STA.: 3+64
INSTALL RISER ON PROP. 25-5 AT&T POLE
8'X16' STAGING AREA
BEGIN HDD BORE
BEGIN OPEN TRENCH
PROP. 30"x60"x36" HH
= CL STA.: 217+13, 114' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



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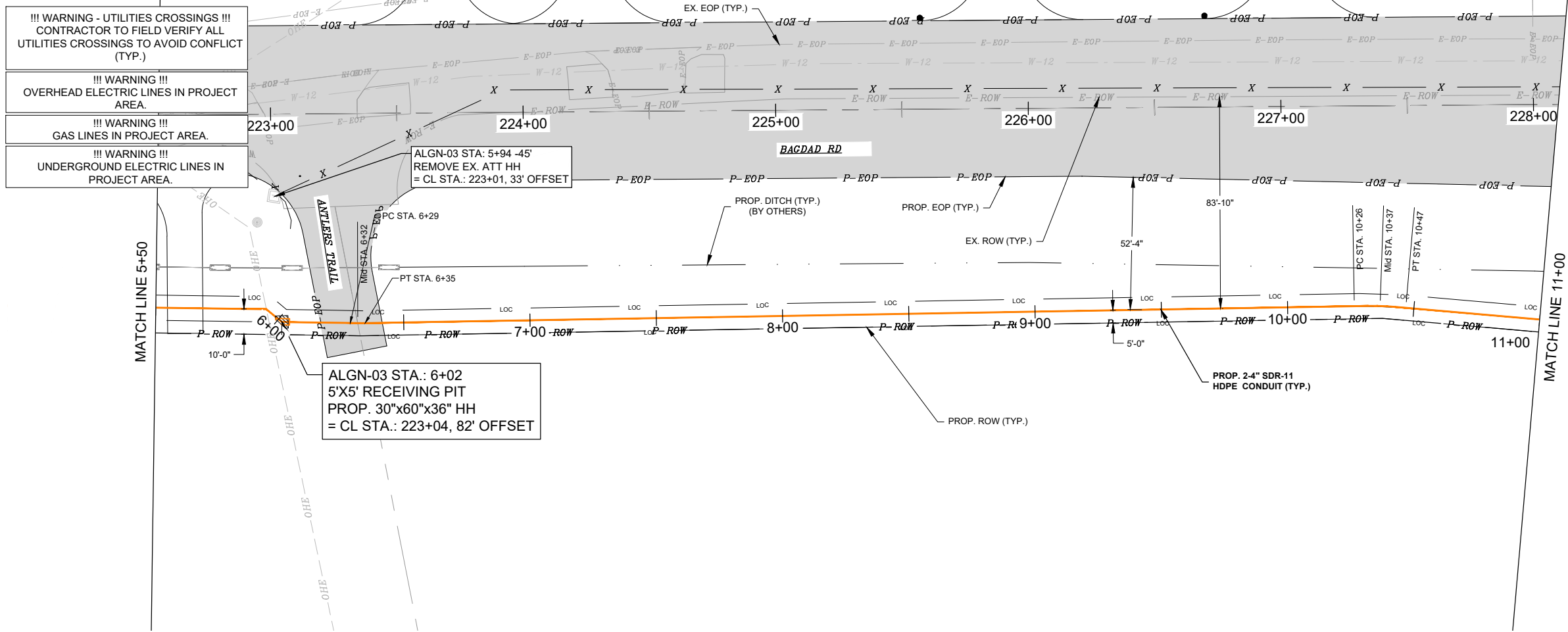
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UG ALGN-03 STA. 0+00 TO STA. 5+50

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
LEANDER, TX 78641

SHEET
10 OF 32

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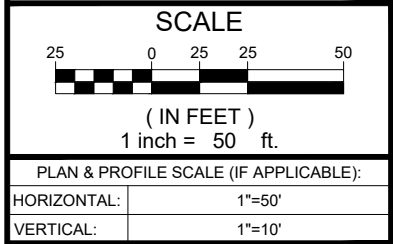
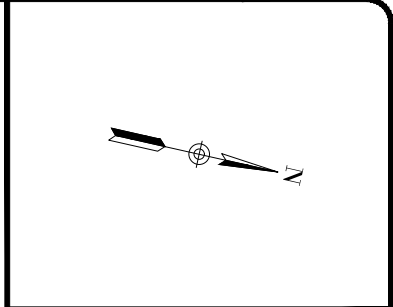


!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL UTILITIES CROSSINGS TO AVOID CONFLICT (TYP.)

!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT AREA.

!!! WARNING !!!
GAS LINES IN PROJECT AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN PROJECT AREA.



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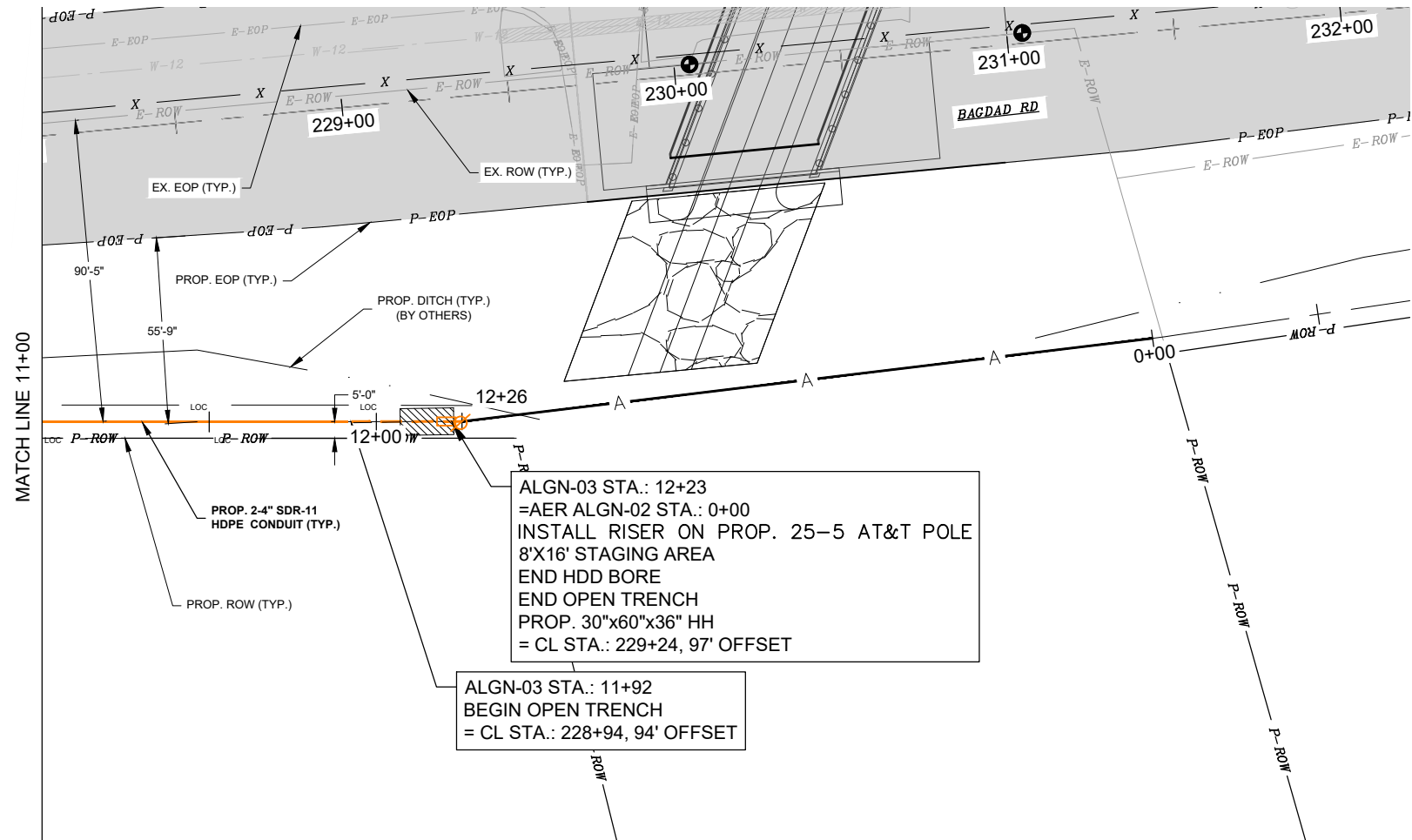
UG ALGN-03 STA. 5+50 TO STA. 11+00

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
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SHEET
11 OF 32

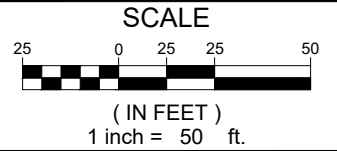
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- !!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)
- !!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.
- !!! WARNING !!!
GAS LINES IN PROJECT AREA.
- !!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.



ALGN-03 STA.: 12+23
=AER ALGN-02 STA.: 0+00
INSTALL RISER ON PROP. 25-5 AT&T POLE
8'X16' STAGING AREA
END HDD BORE
END OPEN TRENCH
PROP. 30"x60"x36" HH
= CL STA.: 229+24, 97' OFFSET

ALGN-03 STA.: 11+92
BEGIN OPEN TRENCH
= CL STA.: 228+94, 94' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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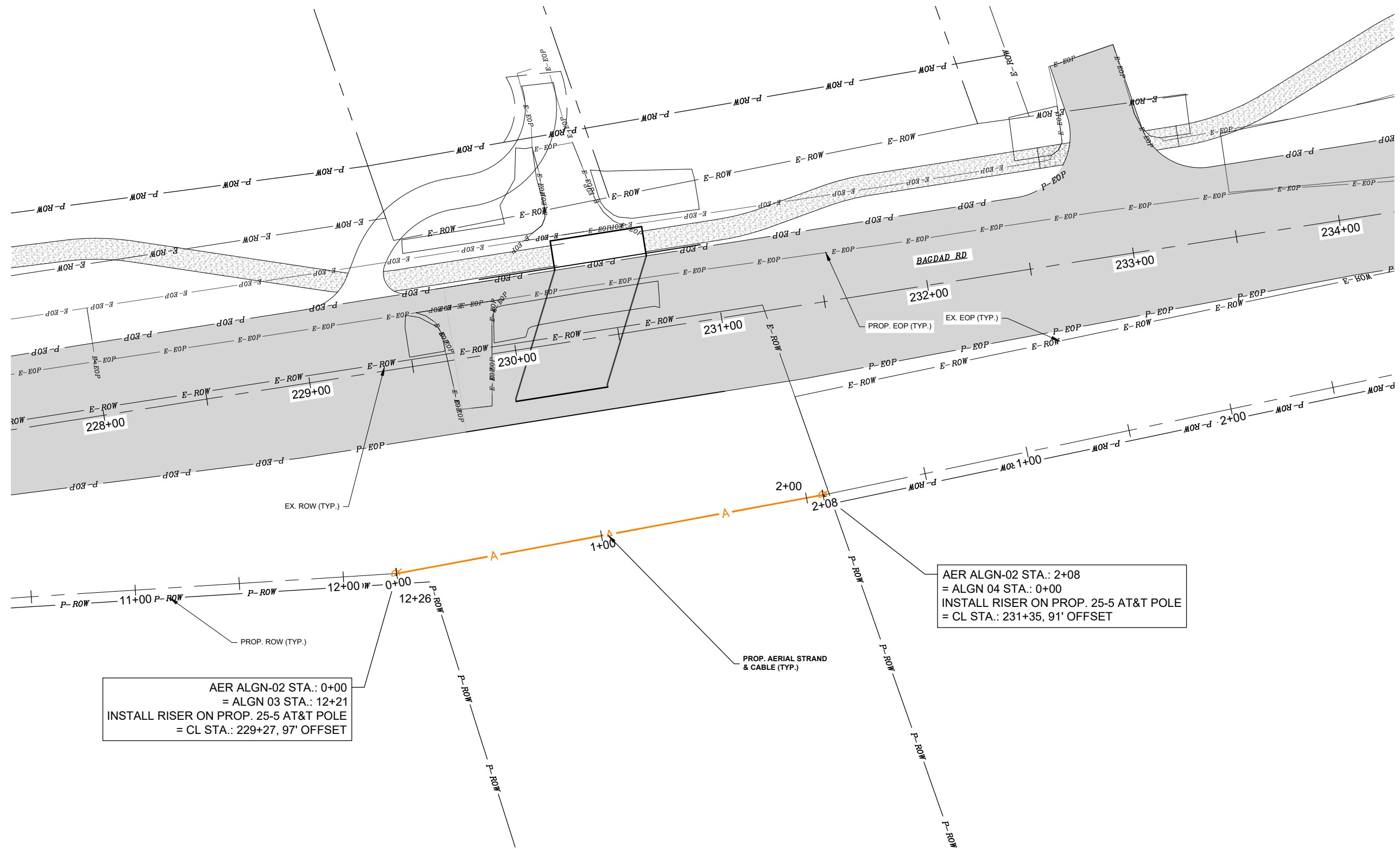
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DATE:	MARCH 2024

**UG ALGN-03 STA. 11+00 TO
END**

LIBERTY HILL RELOCATION
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LEANDER, TX 78641

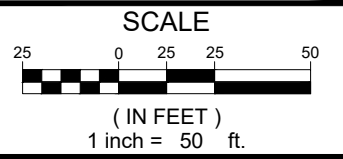
SHEET
12 OF 32

Dwg. Info: G:\Projects\2022\05071_AT&T_Austin\01_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\AER_ALGN-02.dwg - Tab: 13 AERIAL ALGN-02 STA 0+00 TO END - Plotted: 6/13/2025 1:36 PM By: VICTOR GARCIA



AER ALGN-02 STA.: 0+00
 = ALGN 03 STA.: 12+21
 INSTALL RISER ON PROP. 25-5 AT&T POLE
 = CL STA.: 229+27, 97' OFFSET

AER ALGN-02 STA.: 2+08
 = ALGN 04 STA.: 0+00
 INSTALL RISER ON PROP. 25-5 AT&T POLE
 = CL STA.: 231+35, 91' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):
 HORIZONTAL: 1"=50'
 VERTICAL: N/A



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REV. NO.	DESCRIPTION	APP'D BY:	DATE

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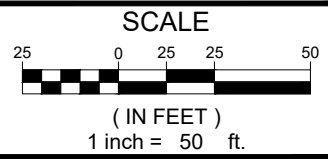
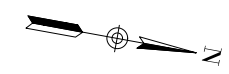
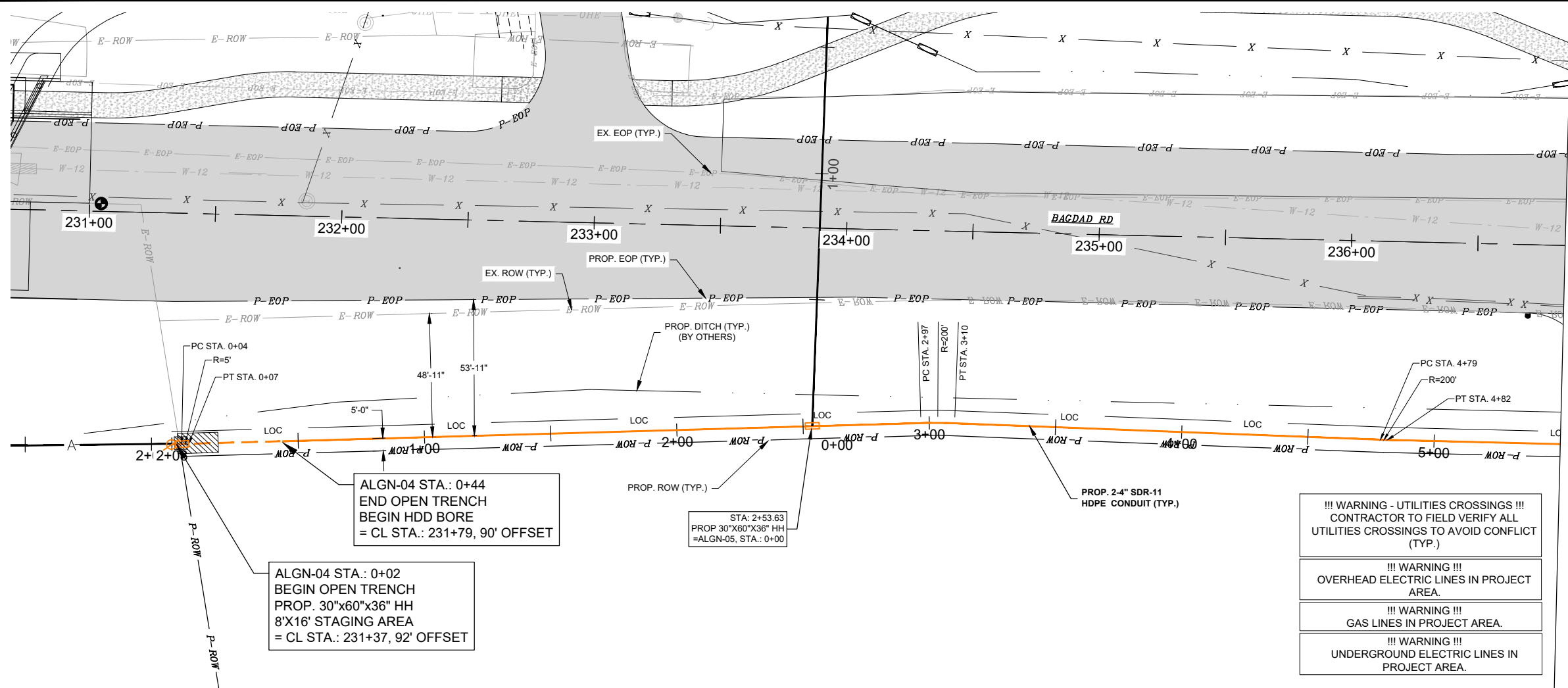
PROJ. NO.	2205-071-01
DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

AERIAL ALGN-02 STA 0+00 TO END

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
13 OF 32

Dwg. Info: S:\Share\Users\Garcia\LIBERTY-HILL-20250613-LATEST UPDATE\ALGN-04.dwg - Tab: 14 UG ALGN-04 STA. 0+00 TO STA. 5+50 - Plotted: 6/13/2025 5:06 PM By: COLLIN ADAMS



PLAN & PROFILE SCALE (IF APPLICABLE):
 HORIZONTAL: 1"=50'
 VERTICAL: 1"=10'



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- !!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)
- !!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.
- !!! WARNING !!!
GAS LINES IN PROJECT AREA.
- !!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.

6/13/2025

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APPR:	GRJ
DATE:	MARCH 2024

**UG ALGN-04 STA. 0+00 TO
STA. 5+50**

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

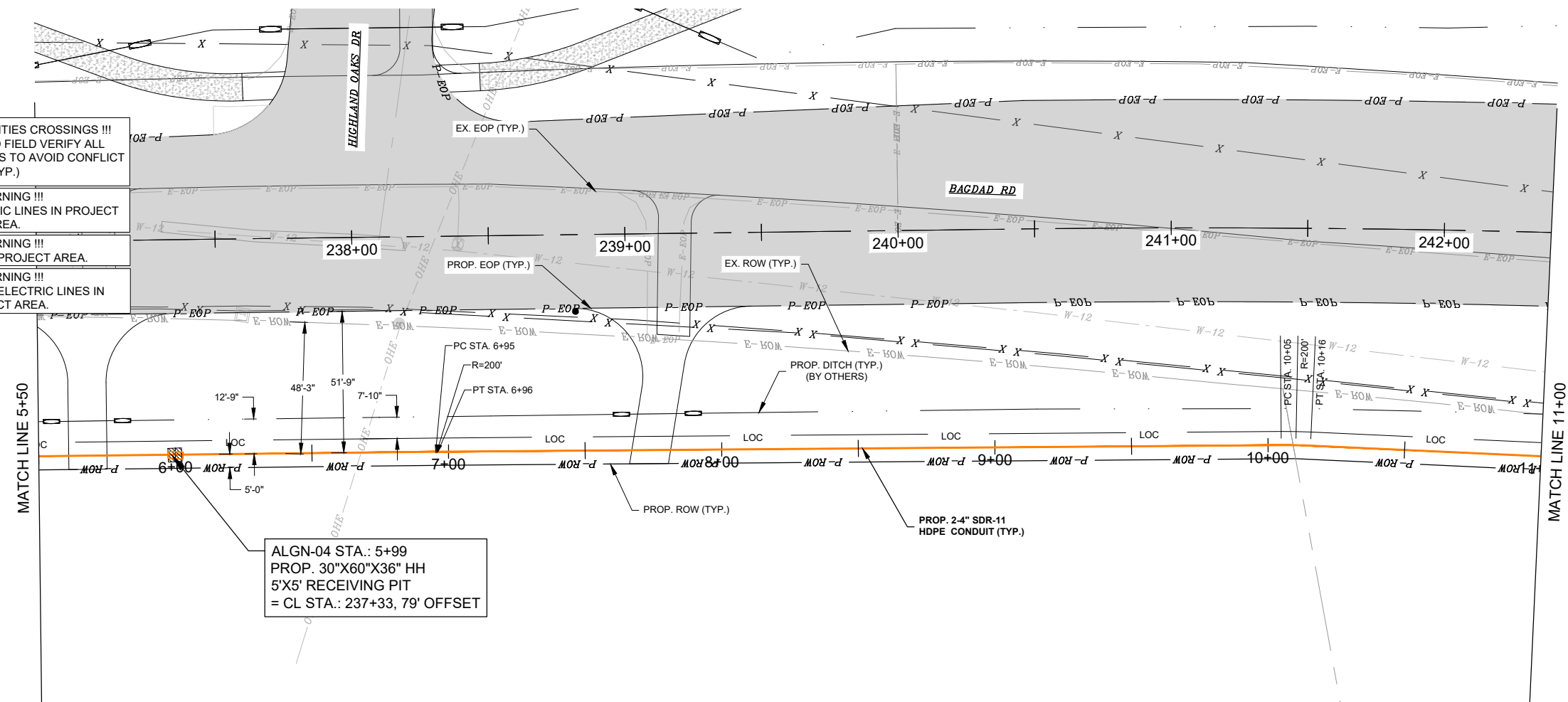
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!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)

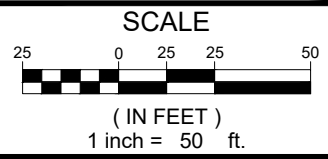
!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.

!!! WARNING !!!
GAS LINES IN PROJECT AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.



ALGN-04 STA.: 5+99
PROP. 30"x60"x36" HH
5'x5' RECEIVING PIT
= CL STA.: 237+33, 79' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

**UG ALGN-04 STA. 5+50 TO
STA. 11+00**

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
LEANDER, TX 78641

SHEET
15 OF 32

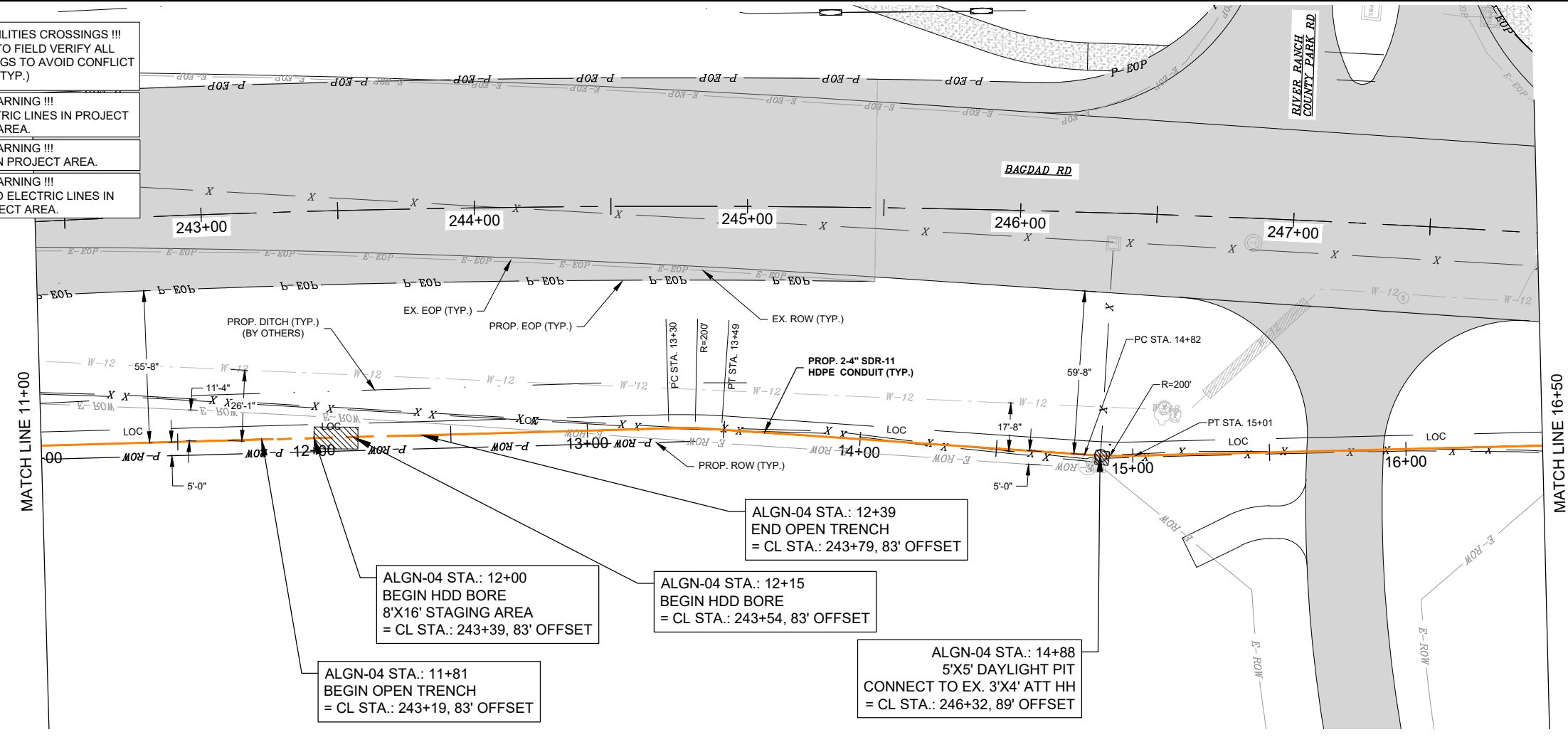
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!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL UTILITIES CROSSINGS TO AVOID CONFLICT (TYP.)

!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT AREA.

!!! WARNING !!!
GAS LINES IN PROJECT AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN PROJECT AREA.



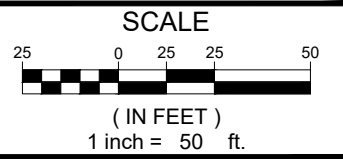
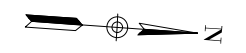
ALGN-04 STA.: 12+39
END OPEN TRENCH
= CL STA.: 243+79, 83' OFFSET

ALGN-04 STA.: 12+00
BEGIN HDD BORE
8'X16' STAGING AREA
= CL STA.: 243+39, 83' OFFSET

ALGN-04 STA.: 12+15
BEGIN HDD BORE
= CL STA.: 243+54, 83' OFFSET

ALGN-04 STA.: 14+88
5'X5' DAYLIGHT PIT
CONNECT TO EX. 3'X4' ATT HH
= CL STA.: 246+32, 89' OFFSET

ALGN-04 STA.: 11+81
BEGIN OPEN TRENCH
= CL STA.: 243+19, 83' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



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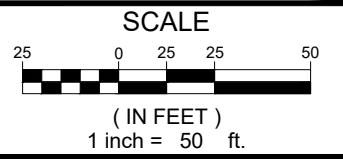
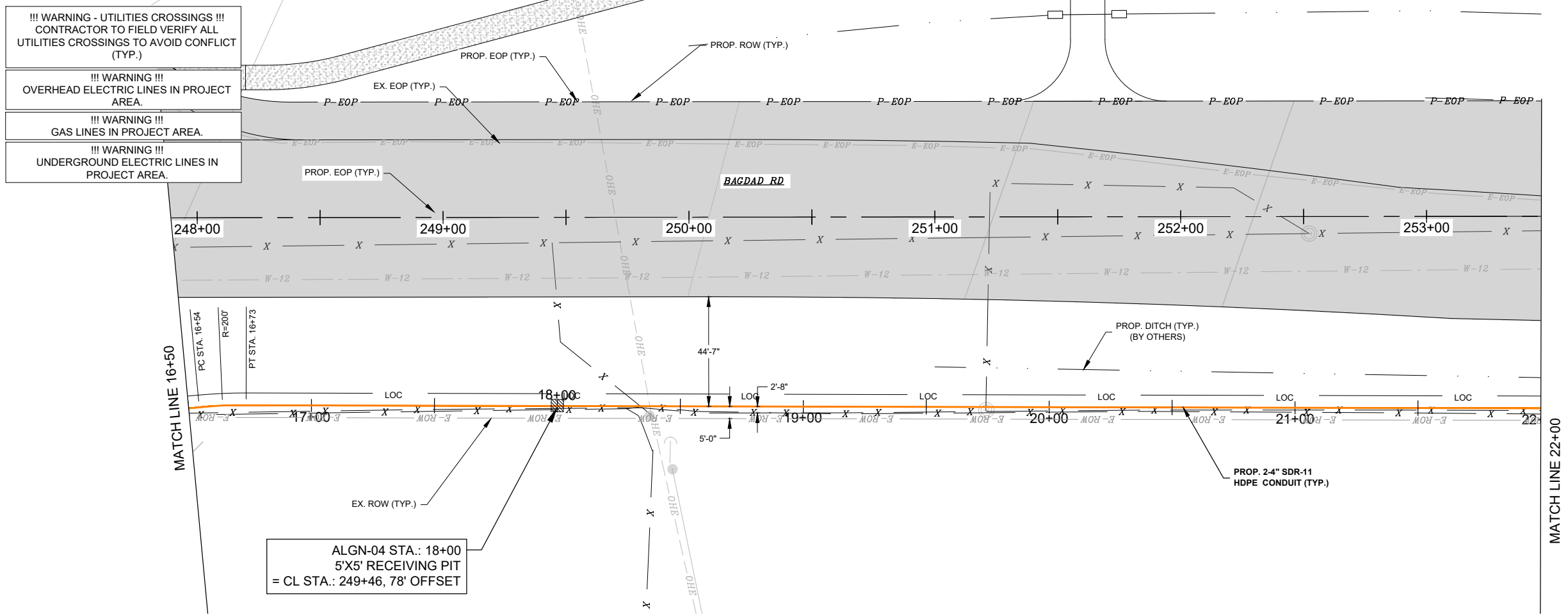
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DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

UG ALGN-04 STA. 11+00 TO STA. 16+50

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
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SHEET
16 OF 32

Dwg. Info: G:\Projects\2022\05071_AT&T_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-04.dwg - Tab: 17 UC ALGN-04 STA. 16+50 TO STA. 22+00 - Plotted: 6/13/2025 1:38 PM By: VICTOR GARCIA



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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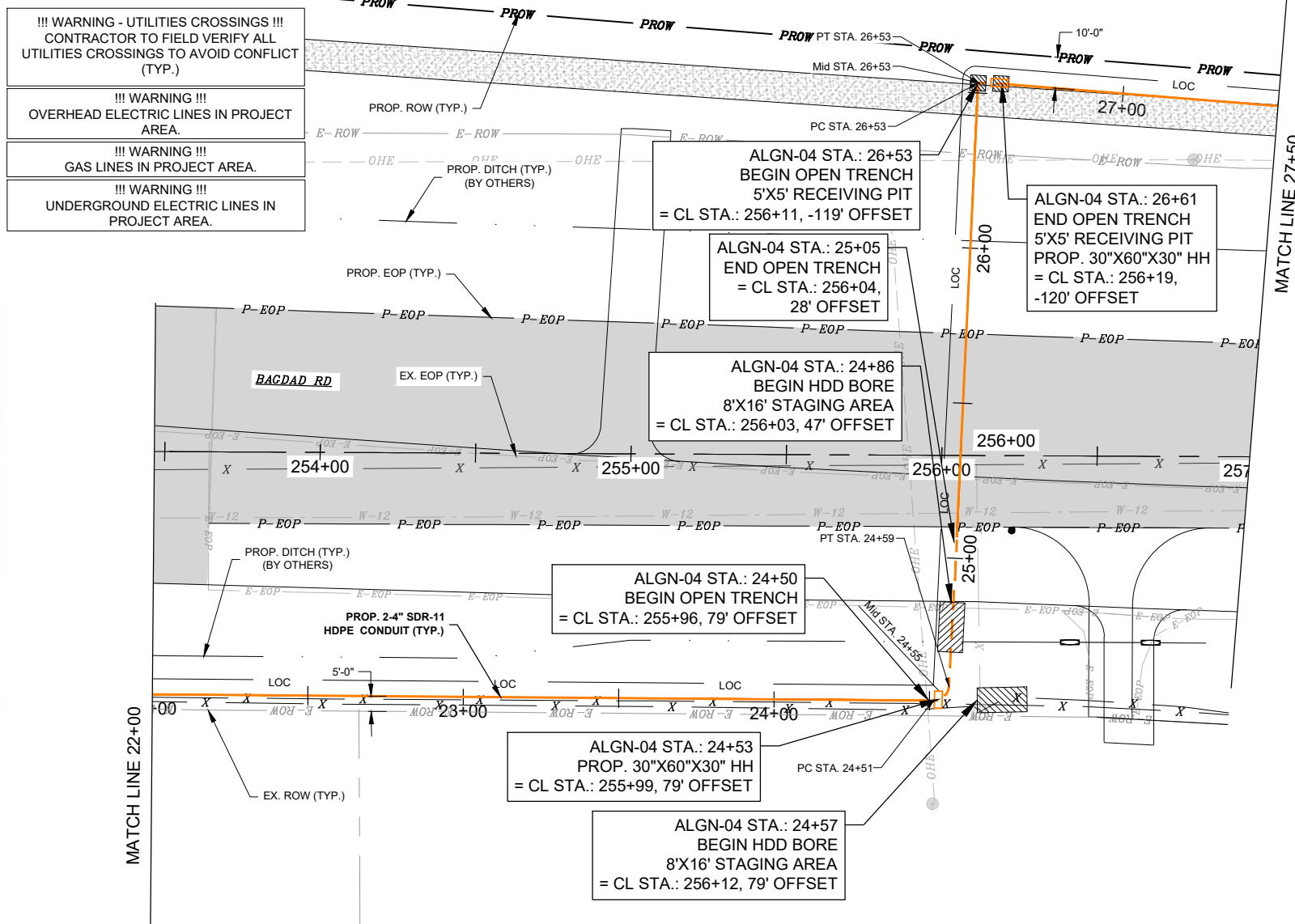
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DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

UG ALGN-04 STA. 16+50 TO STA. 22+00

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
 17 OF 32

Dwg. Info: S:\Share\Users\Garcia\LIBERTY-HILL-20250613-LATEST_UPDATE\ALGN-04.dwg - Tab: 18. UG ALGN-04 STA. 22+00 TO STA. 27+50 - Plotted: 6/13/2025 5:10 PM By: COLLIN ADAMS

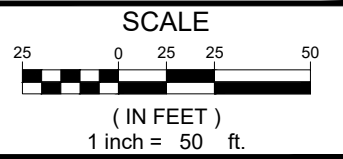
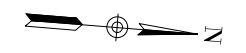


!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL UTILITIES CROSSINGS TO AVOID CONFLICT (TYP.)

!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT AREA.

!!! WARNING !!!
GAS LINES IN PROJECT AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN PROJECT AREA.



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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DATE:	MARCH 2024

UG ALGN-04 STA. 22+00 TO STA. 27+50

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
18 OF 32

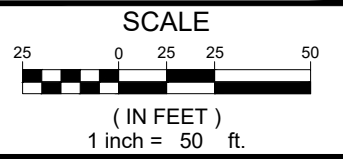
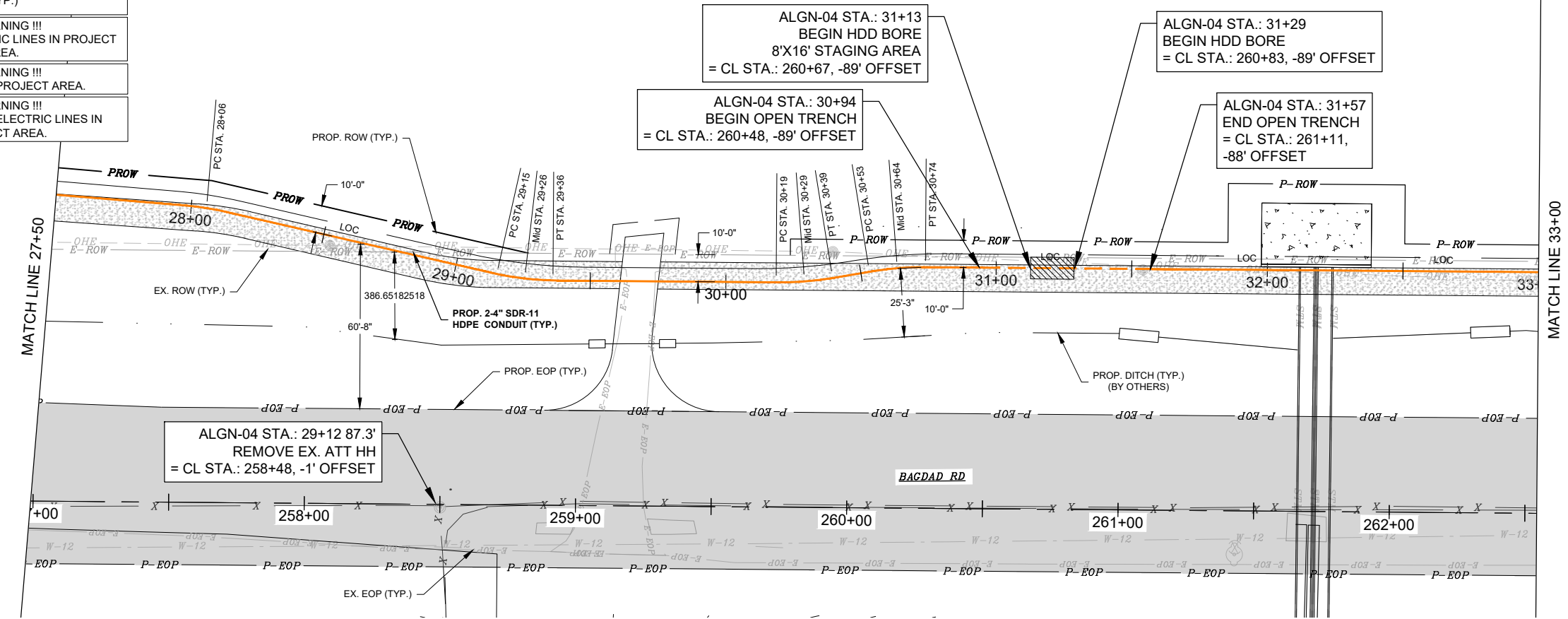
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!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)

!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.

!!! WARNING !!!
GAS LINES IN PROJECT AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.



PLAN & PROFILE SCALE (IF APPLICABLE):
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



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DATE: MARCH 2024

UG ALGN-04 STA. 27+50 TO
STA. 33+00

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
LEANDER, TX 78641

SHEET
19 OF 32

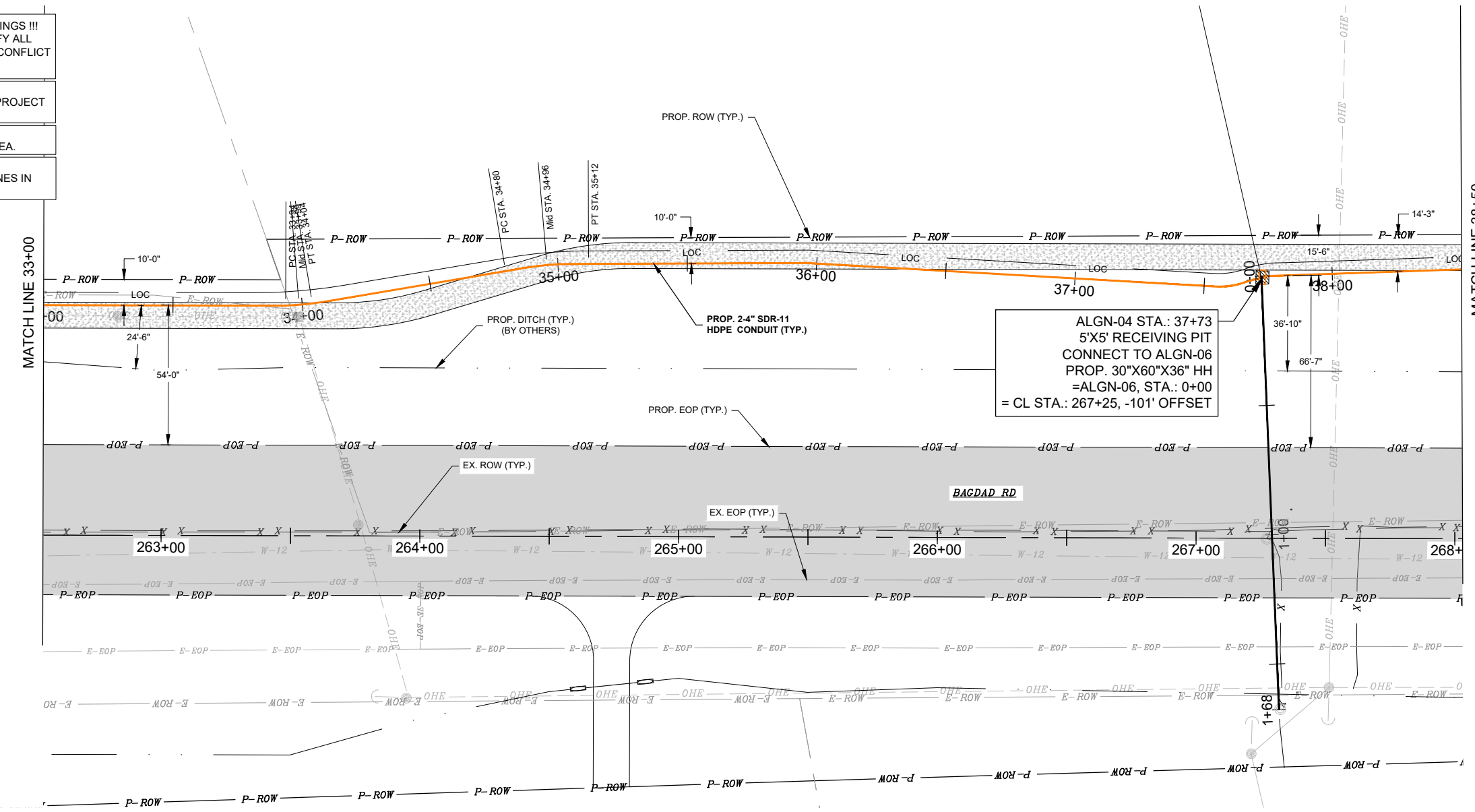
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!!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)

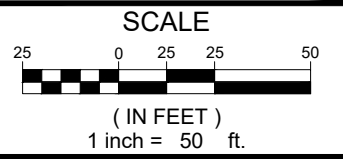
!!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.

!!! WARNING !!!
GAS LINES IN PROJECT AREA.

!!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.



ALGN-04 STA.: 37+73
5'X5' RECEIVING PIT
CONNECT TO ALGN-06
PROP. 30"X60"X36" HH
=ALGN-06, STA.: 0+00
= CL STA.: 267+25, -101' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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DATE:	MARCH 2024

UG ALGN-04 STA. 33+00 TO
STA. 38+50

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
LEANDER, TX 78641

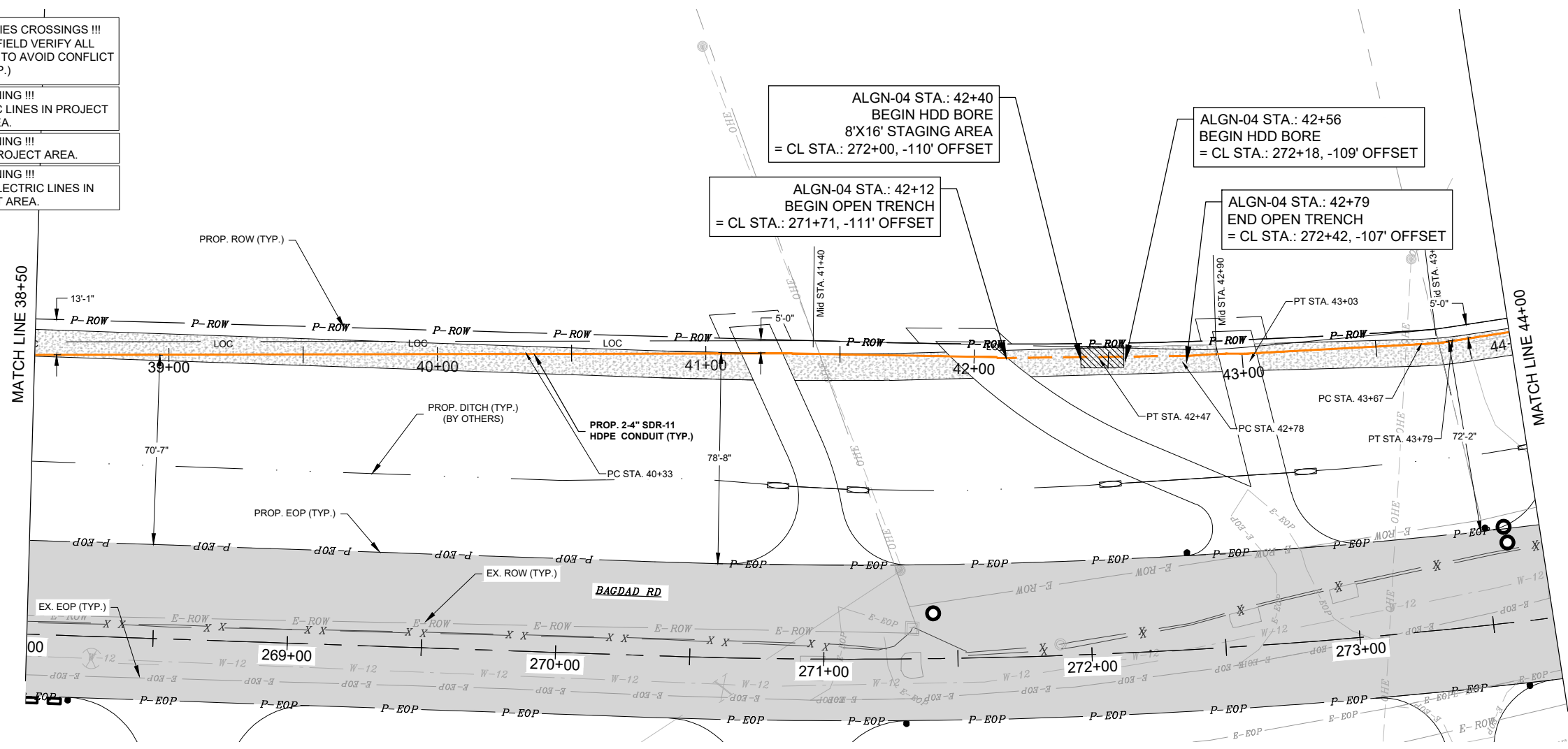
SHEET
20 OF 32

!!! WARNING - UTILITIES CROSSINGS !!!
 CONTRACTOR TO FIELD VERIFY ALL
 UTILITIES CROSSINGS TO AVOID CONFLICT
 (TYP.)

!!! WARNING !!!
 OVERHEAD ELECTRIC LINES IN PROJECT
 AREA.

!!! WARNING !!!
 GAS LINES IN PROJECT AREA.

!!! WARNING !!!
 UNDERGROUND ELECTRIC LINES IN
 PROJECT AREA.

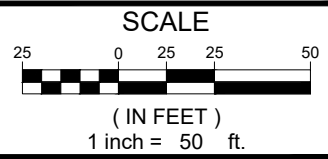
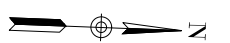


ALGN-04 STA.: 42+40
 BEGIN HDD BORE
 8'X16' STAGING AREA
 = CL STA.: 272+00, -110' OFFSET

ALGN-04 STA.: 42+56
 BEGIN HDD BORE
 = CL STA.: 272+18, -109' OFFSET

ALGN-04 STA.: 42+12
 BEGIN OPEN TRENCH
 = CL STA.: 271+71, -111' OFFSET

ALGN-04 STA.: 42+79
 END OPEN TRENCH
 = CL STA.: 272+42, -107' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):
 HORIZONTAL: 1"=50'
 VERTICAL: 1"=10'



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DATE:	MARCH 2024

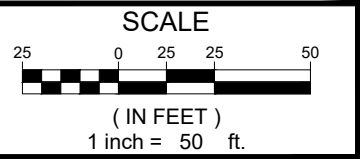
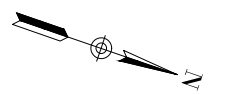
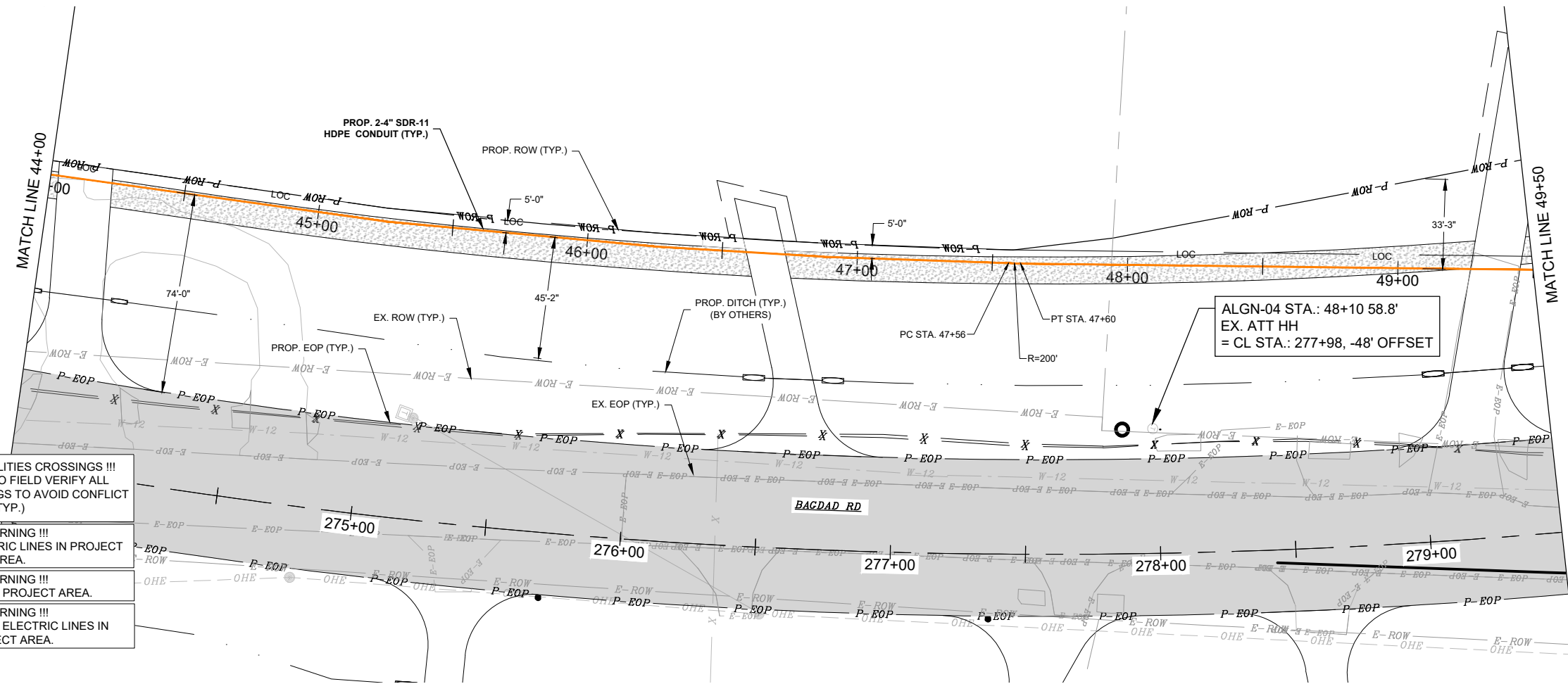
UG ALGN-04 STA. 38+50 TO
 STA. 44+00

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
 21 OF 32

Dwg. Info: S:\Share\Users\Garcia\LIBERTY-HILL-20250613-LATEST UPDATE\ALGN-04.dwg - Tab: 21 UG ALGN-04 STA. 38+50 TO STA. 44+00 - Plotted: 6/13/2025 5:23 PM By: COLLIN ADAMS

Dwg. Info: S:\Share\Users\Garcia\LIBERTY-HILL-20250613-LATEST UPDATE\ALGN-04.dwg - Tab: 22 UG ALGN-04 STA. 44+00 TO STA. 49+50 - Plotted: 6/13/2025 5:23 PM By: COLLIN ADAMS



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

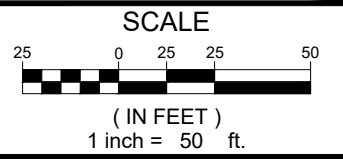
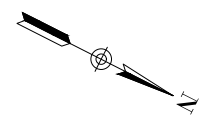
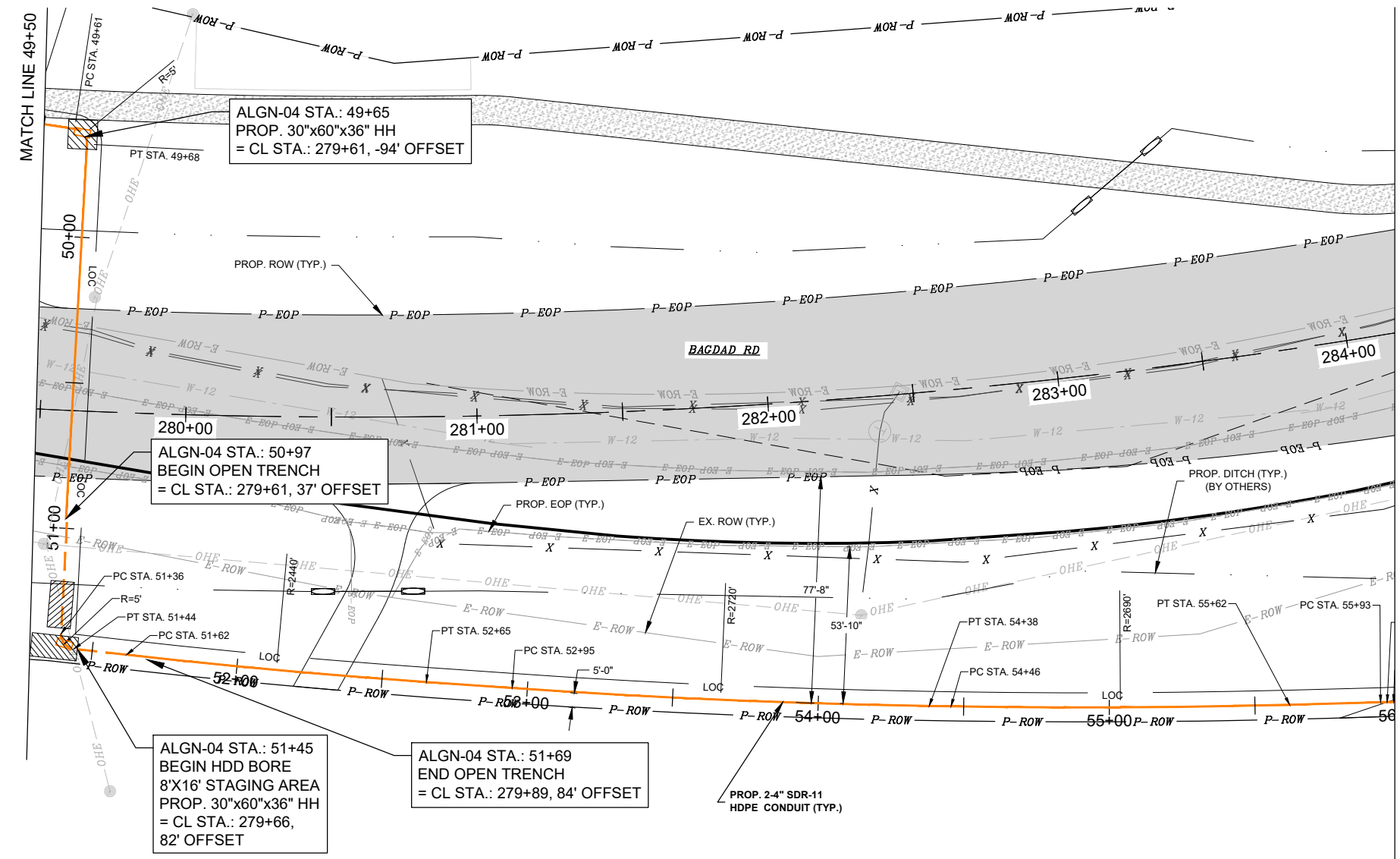
**UG ALGN-04 STA. 44+00 TO
 STA. 49+50**

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
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SHEET
22 OF 32

Dwg. Info: G:\Projects\2022\05071_AT&T_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-04.dwg - Tab: 23 UC ALGN-04 STA. 49+50 TO STA. 56+00 - Plotted: 6/13/2025 1:39 PM By: VICTOR GARCIA

- !!! WARNING - UTILITIES CROSSINGS !!!
CONTRACTOR TO FIELD VERIFY ALL
UTILITIES CROSSINGS TO AVOID CONFLICT
(TYP.)
- !!! WARNING !!!
OVERHEAD ELECTRIC LINES IN PROJECT
AREA.
- !!! WARNING !!!
GAS LINES IN PROJECT AREA.
- !!! WARNING !!!
UNDERGROUND ELECTRIC LINES IN
PROJECT AREA.



PLAN & PROFILE SCALE (IF APPLICABLE):
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



CobbFendley
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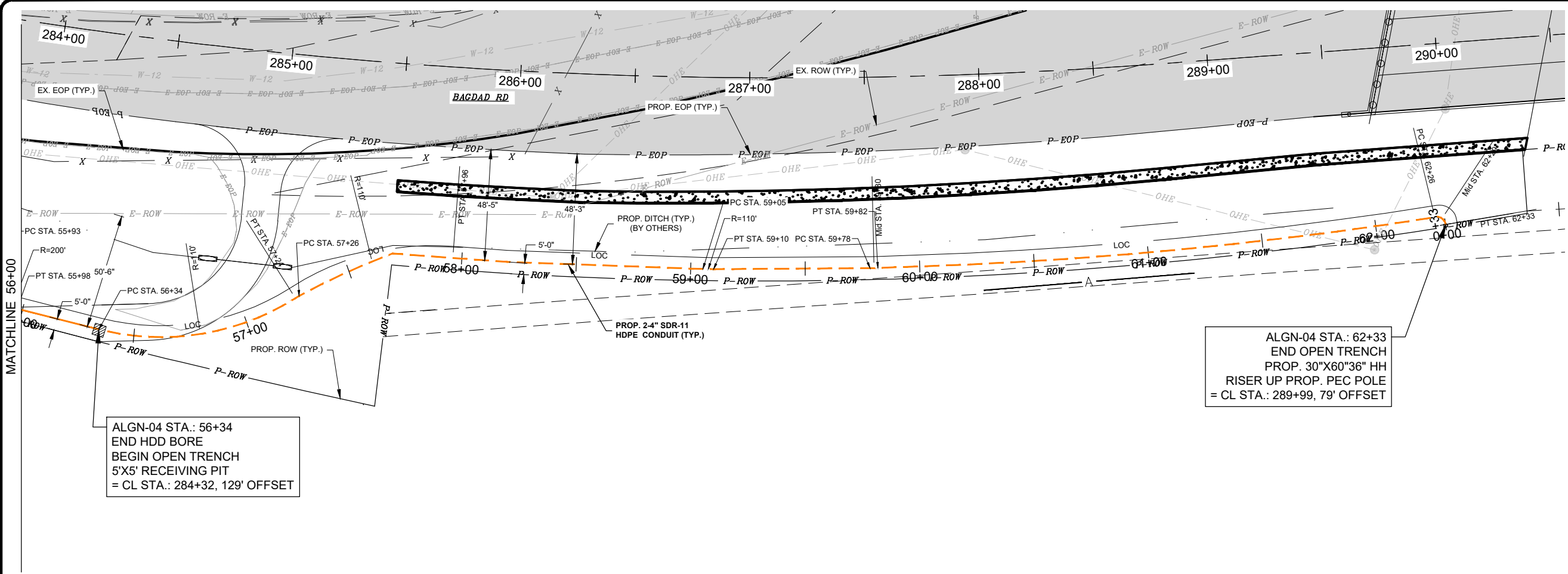
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DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

UG ALGN-04 STA. 49+50 TO STA. 56+00

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
LEANDER, TX 78641

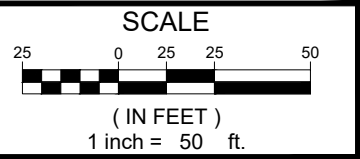
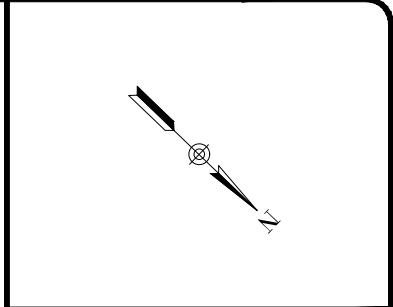
SHEET
23 OF 32

Dwg. Info: S:\Share\Users\Garcia\LIBERTY-HILL-20250613-LATEST UPDATE\ALGN-04.dwg - Tab: 24 UG ALGN-04 STA. 56+00 TO END - Plotted: 6/13/2025 5:23 PM By: COLLIN ADAMS



ALGN-04 STA.: 56+34
 END HDD BORE
 BEGIN OPEN TRENCH
 5'X5' RECEIVING PIT
 = CL STA.: 284+32, 129' OFFSET

ALGN-04 STA.: 62+33
 END OPEN TRENCH
 PROP. 30"X60"36" HH
 RISER UP PROP. PEC POLE
 = CL STA.: 289+99, 79' OFFSET



PLAN & PROFILE SCALE (IF APPLICABLE):
 HORIZONTAL: 1"=50'
 VERTICAL: 1"=10'



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APPR:	GRJ
DATE:	MARCH 2024

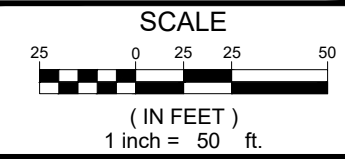
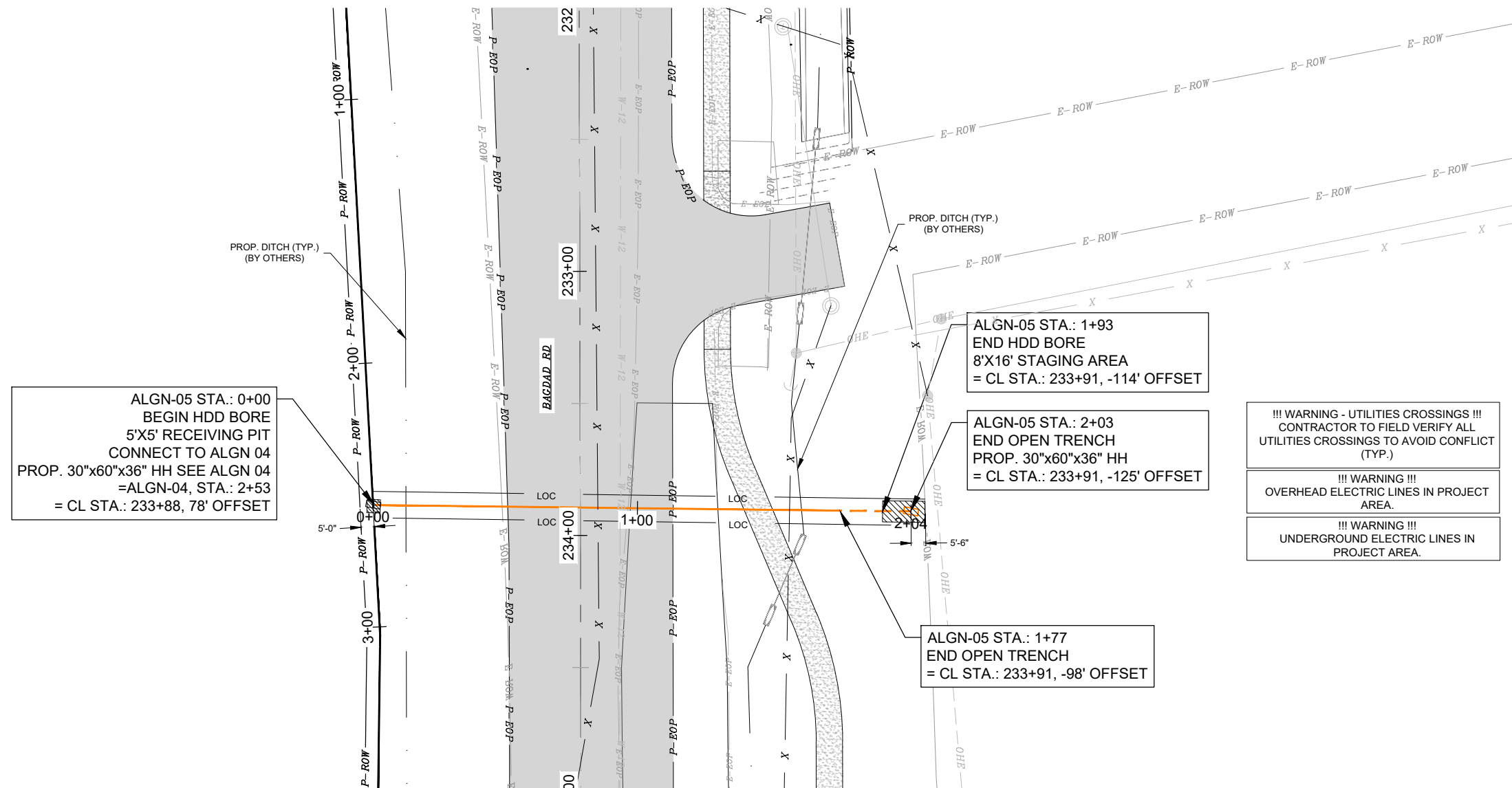
UG ALGN-04 STA. 56+00 TO END

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
24 OF 32

- !!! WARNING - UTILITIES CROSSINGS !!!
 CONTRACTOR TO FIELD VERIFY ALL UTILITIES CROSSINGS TO AVOID CONFLICT (TYP.)
- !!! WARNING !!!
 OVERHEAD ELECTRIC LINES IN PROJECT AREA.
- !!! WARNING !!!
 GAS LINES IN PROJECT AREA.
- !!! WARNING !!!
 UNDERGROUND ELECTRIC LINES IN PROJECT AREA.

Dwg. Info: G:\Projects\2022\05071_AT&T_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-05.dwg - Tab: 25 UC ALGN-05 STA 0+00 TO END - Plotted: 6/13/2025 1:41 PM By: VICTOR GARCIA



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'



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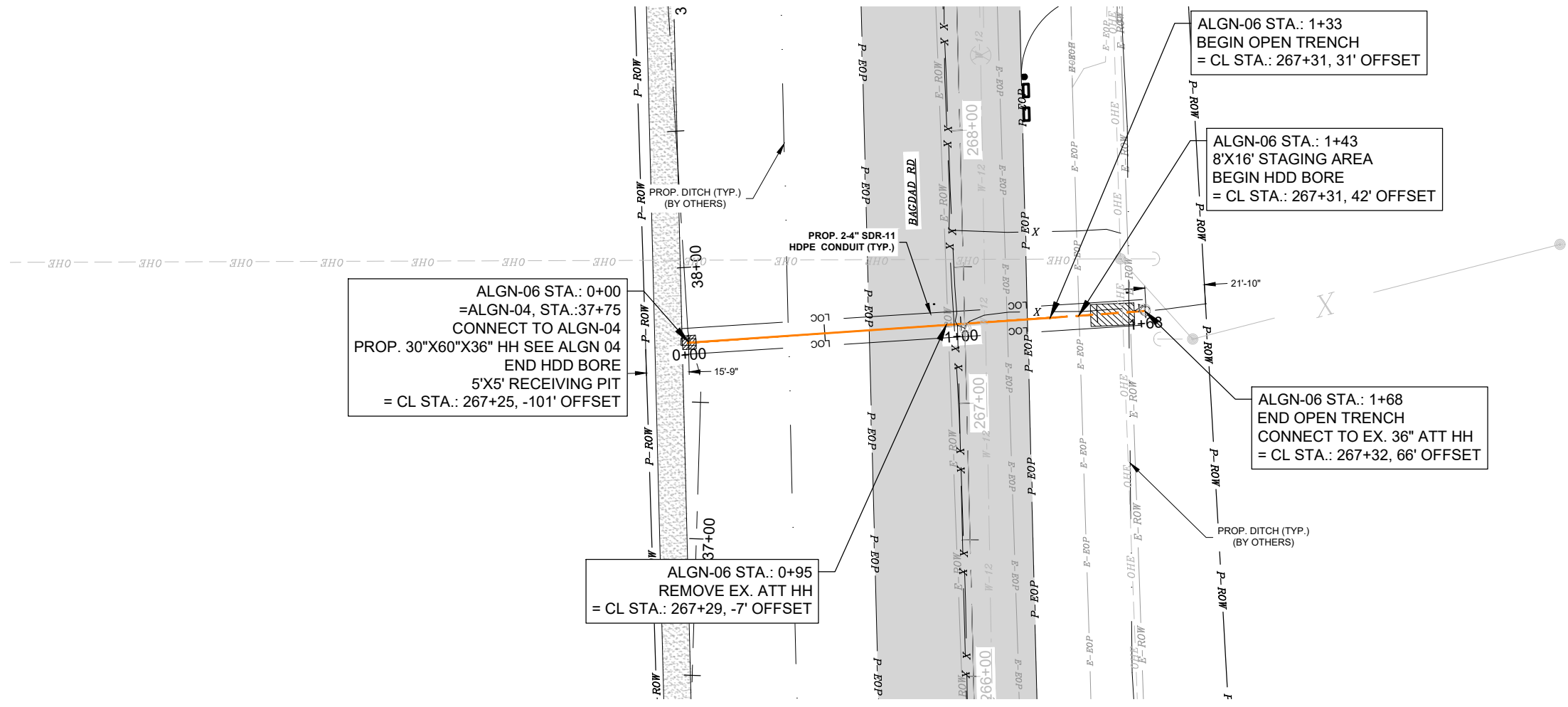
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APPR:	GRJ
DATE:	MARCH 2024

**UG ALGN-05 STA 0+00 TO
 END**

LIBERTY HILL RELOCATION
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 LEANDER, TX 78641

Dwg. Info: G:\Projects\2022\05071_AT&T_Austin\01_Liberty_Hill_Relo_Proj_00986316\400_CAD\403_UC\ALGN-06.dwg - Tab: 26 UG ALGN-06 STA 0+00 TO END - Plotted: 6/13/2025 1:42 PM By: VICTOR GARCIA



ALGN-06 STA.: 0+00
 =ALGN-04, STA.:37+75
 PROP. 30"X60"X36" HH SEE ALGN 04
 END HDD BORE
 5'X5' RECEIVING PIT
 = CL STA.: 267+25, -101' OFFSET

ALGN-06 STA.: 0+95
 REMOVE EX. ATT HH
 = CL STA.: 267+29, -7' OFFSET

ALGN-06 STA.: 1+33
 BEGIN OPEN TRENCH
 = CL STA.: 267+31, 31' OFFSET

ALGN-06 STA.: 1+43
 8'X16' STAGING AREA
 BEGIN HDD BORE
 = CL STA.: 267+31, 42' OFFSET

ALGN-06 STA.: 1+68
 END OPEN TRENCH
 CONNECT TO EX. 36" ATT HH
 = CL STA.: 267+32, 66' OFFSET

- !!! WARNING - UTILITIES CROSSINGS !!!
 CONTRACTOR TO FIELD VERIFY ALL
 UTILITIES CROSSINGS TO AVOID CONFLICT
 (TYP.)
- !!! WARNING !!!
 OVERHEAD ELECTRIC LINES IN PROJECT
 AREA.
- !!! WARNING !!!
 UNDERGROUND ELECTRIC LINES IN
 PROJECT AREA.

N

SCALE

(IN FEET)
 1 inch = 50 ft.

PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	1"=10'

AT&T

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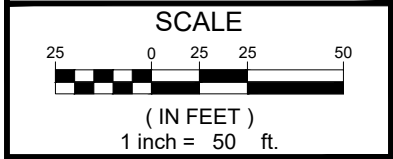
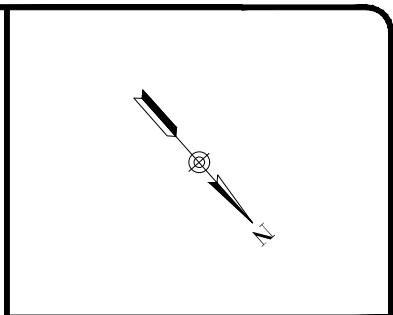
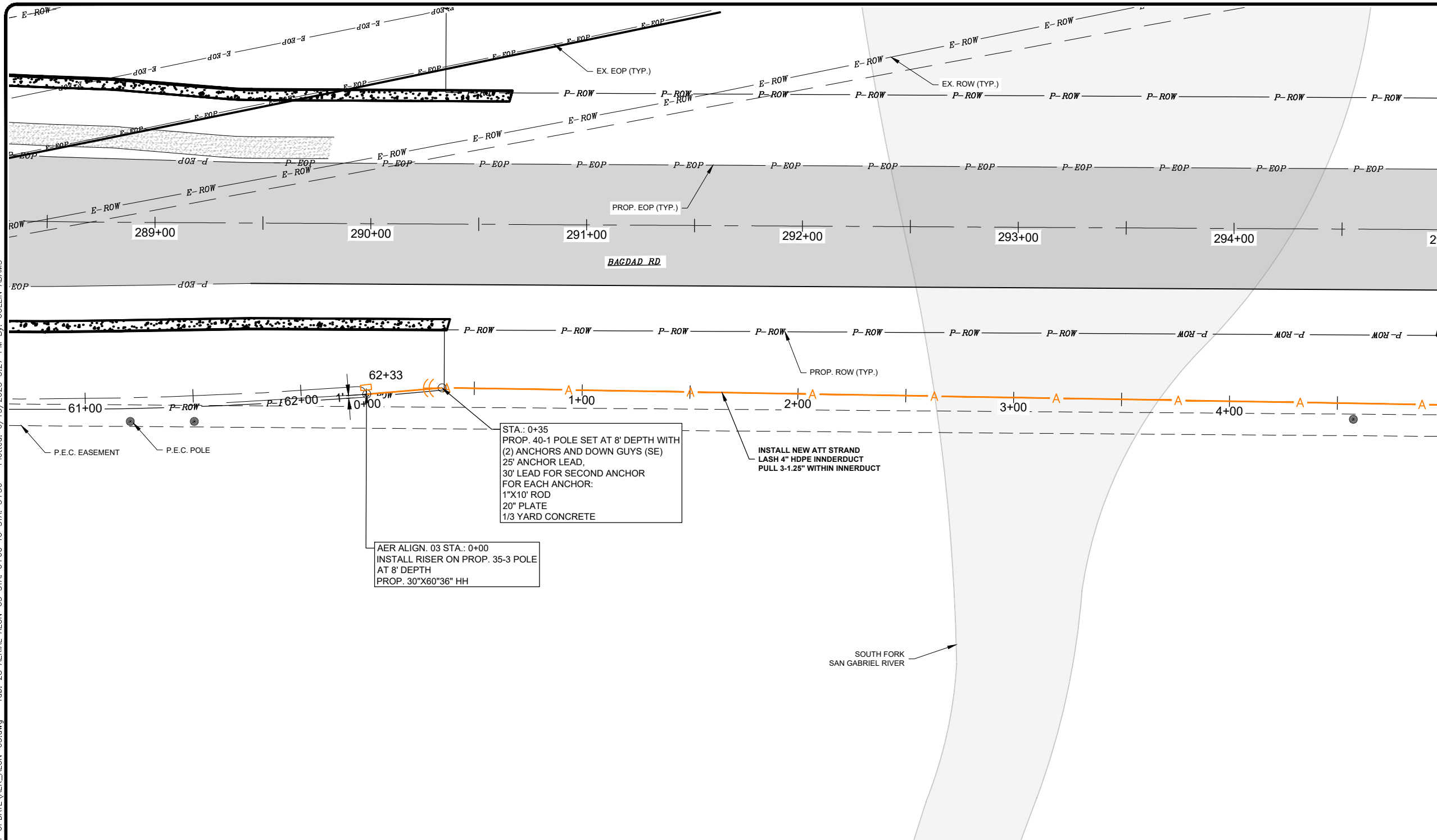
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CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

UG ALGN-06 STA 0+00 TO END

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 4106 N BAGDAD RD.
 LEANDER, TX 78641

SHEET
 26 OF 32

Dwg. Info: S:\Share\Users\Garcia\LIBERTY-HILL-20250613-LATEST_UPDATE\AER_ALIGN-03-STA. 0+00 TO STA. 5+50 - Tab: 28 AERIAL_ALIGN-03-STA. 0+00 TO STA. 5+50 - Plotted: 6/13/2025 5:27 PM By: COLLIN ADAMS



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	1"=50'
VERTICAL:	N/A



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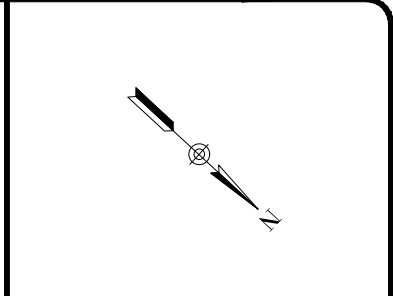
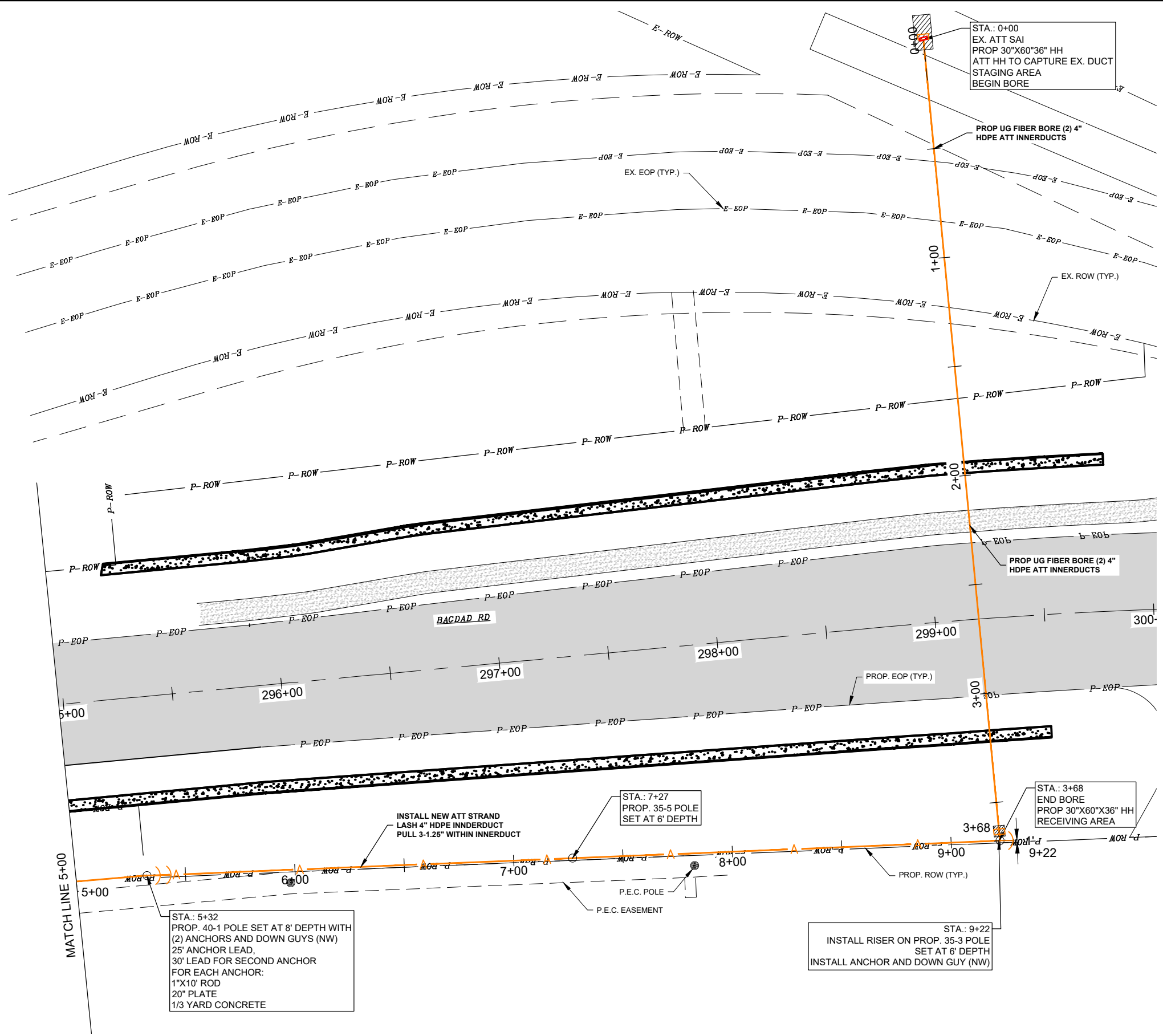
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AERIAL ALIGN-03 STA. 0+00 TO STA. 5+50

LIBERTY HILL RELOCATION
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 LEANDER, TX 78641

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SCALE
 25 0 25 25 50
 (IN FEET)
 1 inch = 50 ft.

PLAN & PROFILE SCALE (IF APPLICABLE):
 HORIZONTAL: 1"=50'
 VERTICAL: N/A

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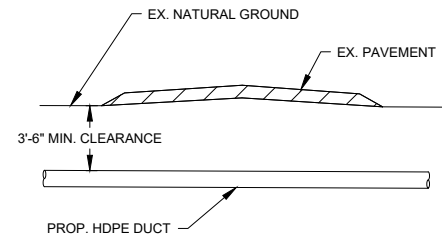
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APPR:	GRJ
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AERIAL ALIGN-03 STA. 5+00 TO END

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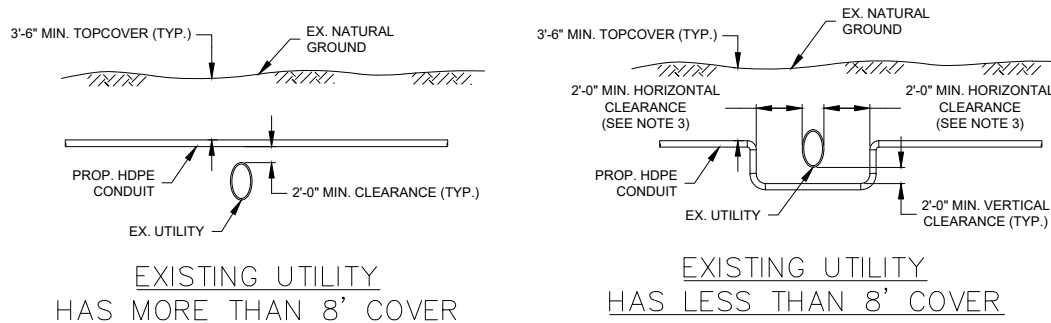
TYPICAL DETAILS (N.T.S.)

TYPICAL BORE AT DRIVEWAY (N.T.S.)

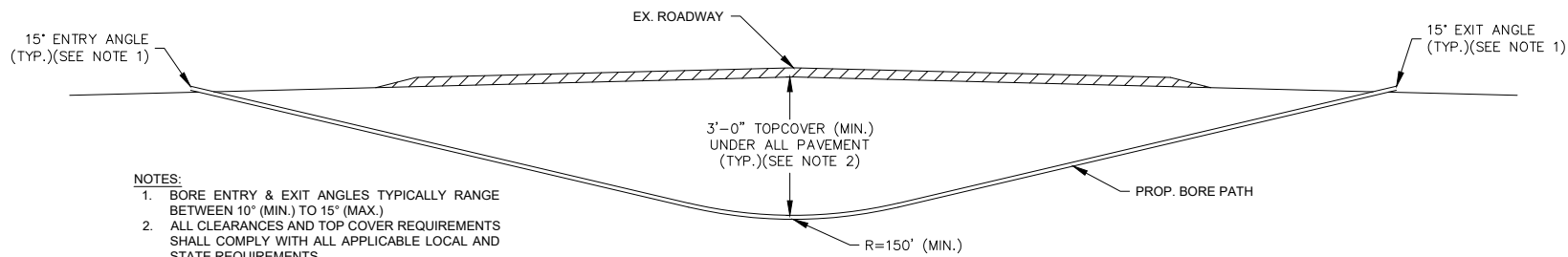


- NOTES:**
1. CONTRACTOR SHALL FIELD VERIFY THE DEPTH OF ALL UTILITIES ALONG THE PROPOSED ALIGNMENT PRIOR TO BEGINNING CONSTRUCTION.
 2. ALL BORES SHALL BE DIRECTIONAL UNLESS SPECIFIED OTHERWISE IN THE PLANS.
 3. CONTRACTOR SHALL PROVIDE AS-BUILTS FOR ALL BORES IN ACCORDANCE WITH AT&T REQUIREMENTS.
 4. ALL BORING EQUIPMENT SHALL BE BARRICADED IN ACCORDANCE WITH CURRENT MUTCD REQUIREMENTS.

STANDARD REQUIREMENTS FOR UTILITY CROSSINGS (N.T.S.)



- NOTES:**
1. CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND DEPTH OF ALL EX. UTILITIES AND STRUCTURES ALONG THE PROPOSED ALIGNMENT PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
 2. ALL CLEARANCES AND TOP COVER REQUIREMENTS SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE REQUIREMENTS.
 3. FOR ALL AUSTIN WATER FACILITIES, MAINTAIN 5'-0\"/>



- NOTES:**
1. BORE ENTRY & EXIT ANGLES TYPICALLY RANGE BETWEEN 10° (MIN.) TO 15° (MAX.)
 2. ALL CLEARANCES AND TOP COVER REQUIREMENTS SHALL COMPLY WITH ALL APPLICABLE LOCAL AND STATE REQUIREMENTS.

TYPICAL BORE DETAIL N.T.S.

FCA306036-90000
 OIN# 100071528
 FIBERGLASS / PCX POLYMER CONCRETE ASSEMBLY

30" X 60" X 36"
 (For actual dimensions see drawing)

Fiberglass / Polymer Concrete Assembly, Straight Sides, No Floor, WUC 3.6, ANSISCTE 77-T15/20K, 3/8" Captive Hex Bolts, Telephone EMS, (4) Racks Installed, (4) Knockouts, (2) Pulling Eyes, Groundbar, Custom Nameplate (AT&T USE 10006201 COVER HOOK ONLY) Cast-in

LOAD RATINGS
 Incidental Traffic - Parking Lot, Sidewalk
 Conforms to:
 • WUC 3.6
 • ASTM C 857
 • ANSISCTE 77

FEATURES:
 • USDA/RUS Approved
 • Cast-in nameplate
 • Shipped assembled
 • Skid resistant cover
 • Stainless steel bolts
 • Cast-in floating nut box
 • Integral drain holes

Additional product information continued on the reverse

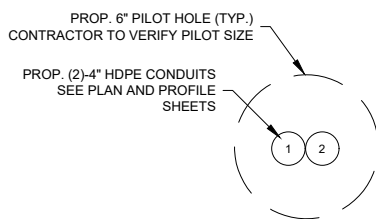
newbasis
 Composites for Infrastructure
 2626 Kansas Avenue
 Riverside, California 92507
 951.787.0600
 951.787.0632 (fax)
 info@newbasis.com
 newbasis.com

PCX
 POLYMER CONCRETE
 The Next Generation

Inside Dimensions

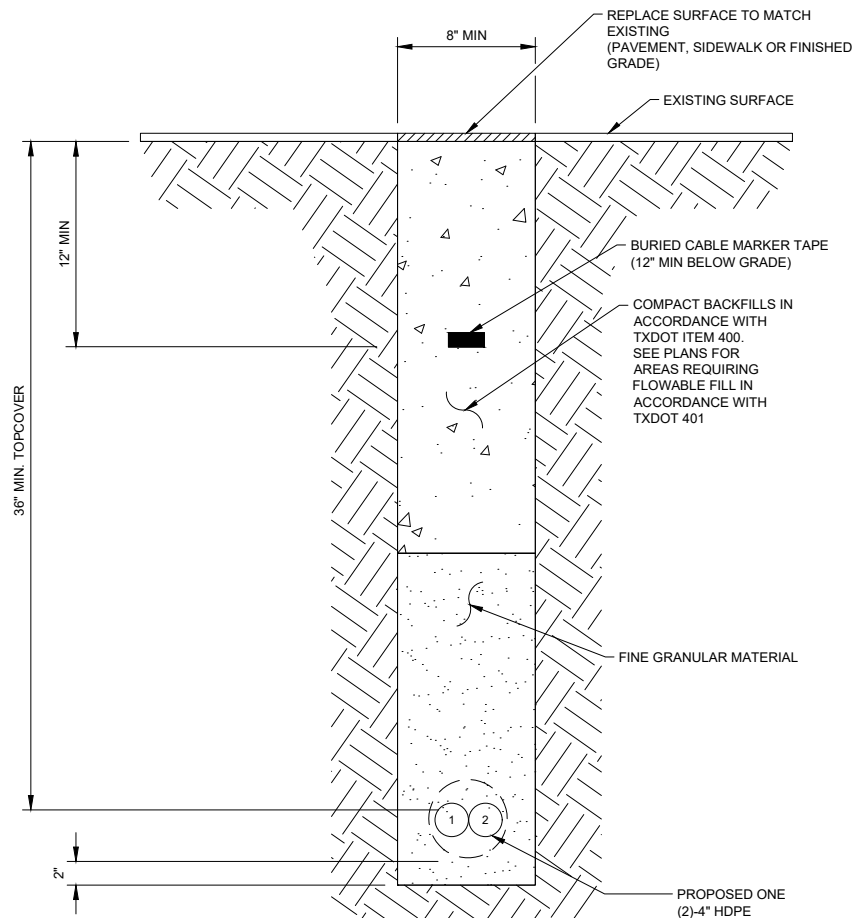
Length	Width	Depth
59 7/8"	29 7/8"	33"
54 7/8"	24 7/8"	33"

Rev: A.7



TYPICAL BORE ARRANGEMENT N.T.S.

TYPICAL HAND HOLE DETAIL (30"X60"X36") N.T.S.



TYPICAL TRENCH DETAIL N.T.S.

PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	N/A
VERTICAL:	N/A



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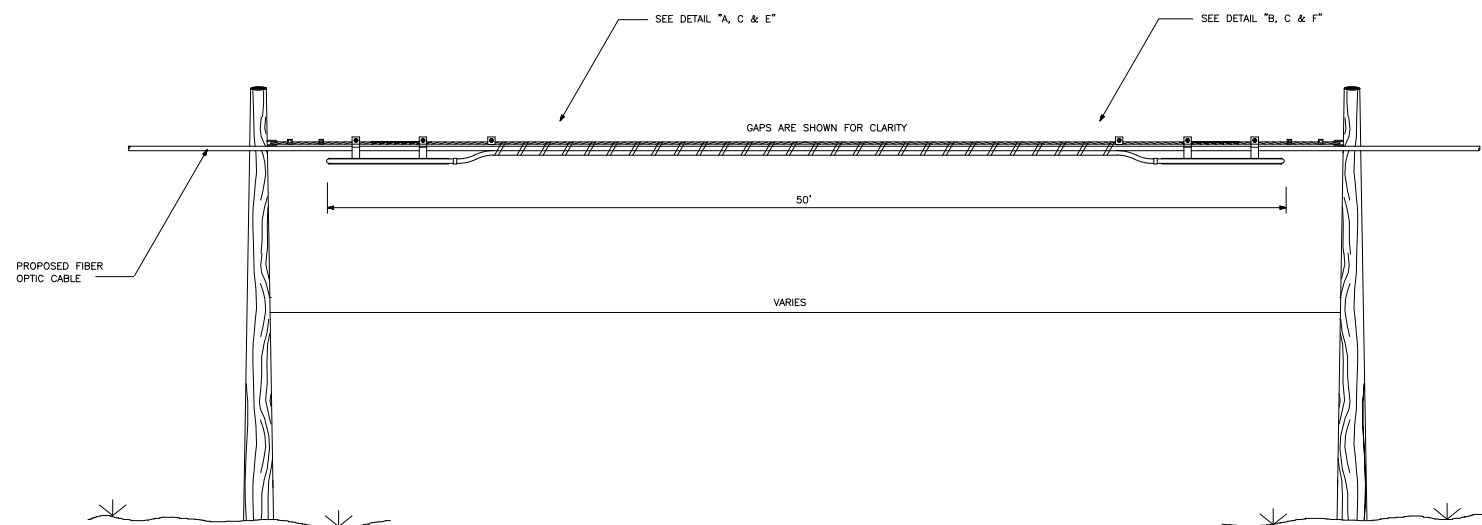
CONSTRUCTION DETAILS 1

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

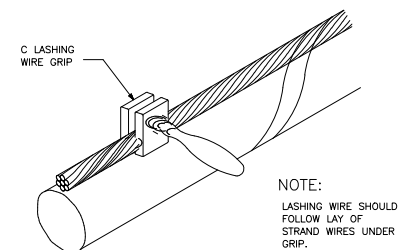
TYPICAL DETAILS

(N.T.S.)

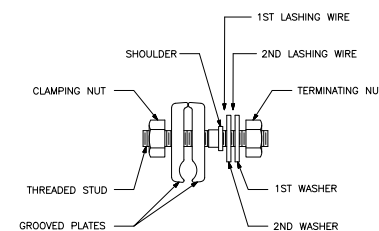
TYPICAL DETAIL FOR STORING CABLE SLACK



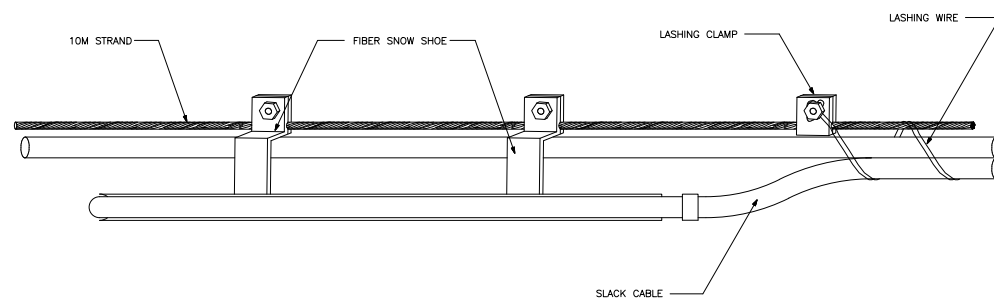
TYPICAL DETAIL - C
LASHING WIRE GRIP AND CLAMP
C LASHING WIRE GRIP INSTALLED ON STRAND



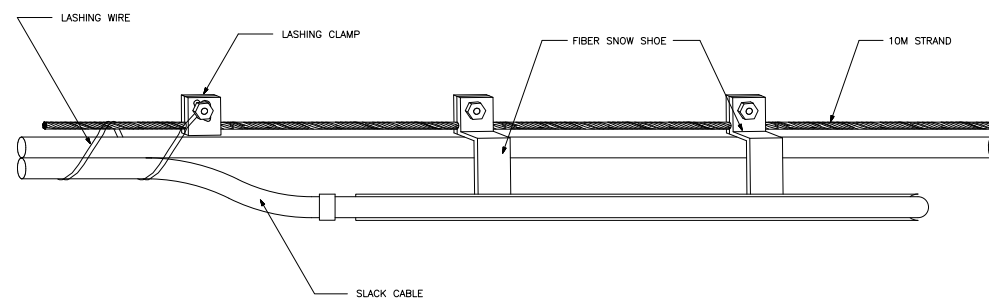
TYPICAL DETAIL - D
CABLE LASHING CLAMP



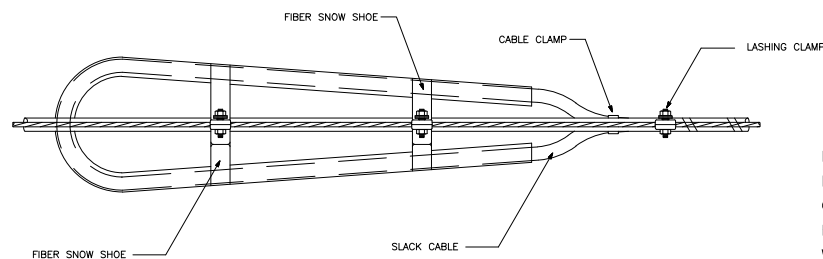
TYPICAL DETAIL - A



TYPICAL DETAIL - B

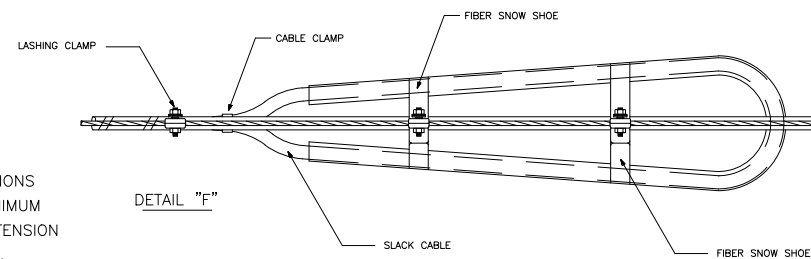


TYPICAL DETAIL - E



NOTE:
DO NOT EXCEED THE MANUFACTURERS SPECIFICATIONS CONCERNING MINIMUM BENDING RADIUS. THE MINIMUM BENDING RADIUS OF FIBER OPTIC CABLE UNDER TENSION WILL NOT EXCEED 20 TIMES THE CABLE DIAMETER.

TYPICAL DETAIL - F



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	N/A
VERTICAL:	N/A



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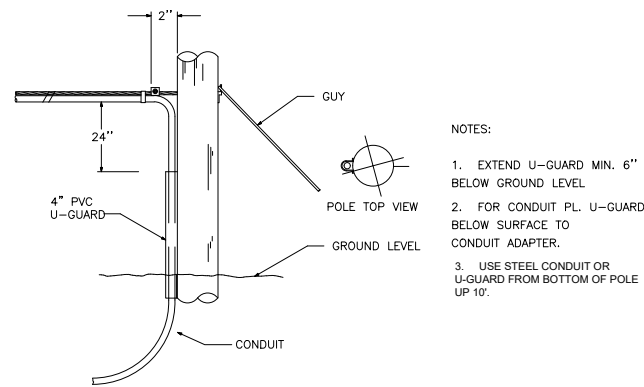
CONSTRUCTION DETAILS 2

LIBERTY HILL RELOCATION
 4106 N BAGDAD RD.
 LEANDER, TX 78641

TYPICAL DETAILS

(N.T.S.)

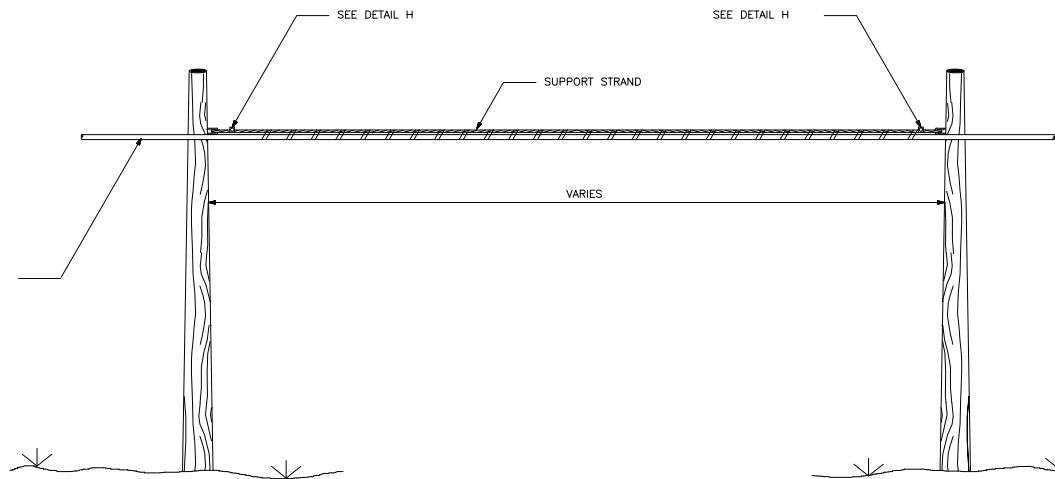
TYPICAL DETAIL - A
POLE ARRANGEMENT FOR AERIAL TO BURIED CABLE



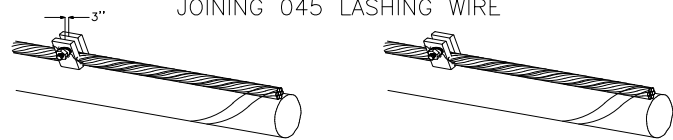
NOTES:

1. EXTEND U-GUARD MIN. 6" BELOW GROUND LEVEL.
2. FOR CONDUIT PL. U-GUARD BELOW SURFACE TO CONDUIT ADAPTER.
3. USE STEEL CONDUIT OR U-GUARD FROM BOTTOM OF POLE UP 10'.

TYPICAL DETAIL - D



TYPICAL DETAIL - G
JOINING 045 LASHING WIRE



REMOVE ANY SLACK IN THE LASHING WIRE BY MAINTAINING A PULL ON THE WIRE AND TAPPING THE STRAND SHARPLY. THEN FORM THE WIRE OVER THE STUD AND TIGHTEN THE NUT. CUT THE FREE END OF THE LASHING WIRE OFF 3/4" BEYOND THE END OF THE CLAMP.

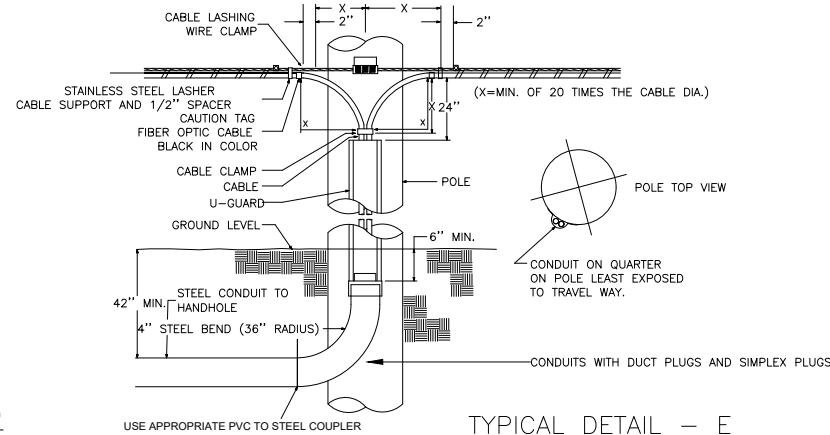
FORMING WIRE OVER STUD OF CLAMP

FORM THE LASHING WIRE AROUND THE STRAND AND PLACE IT BELOW THE STUD AND BETWEEN THE SECOND WASHER AND STUD SHOULDER.

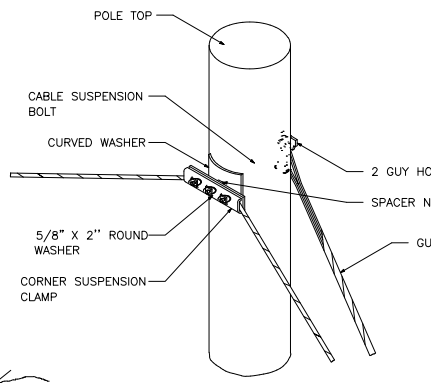
FORMING LASHING WIRE AROUND STRAND



TYPICAL DETAIL - B
POLE ARRANGEMENT FOR REPEATER OR HANDHOLE LOCATION

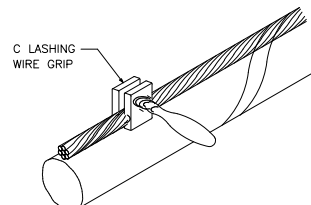


TYPICAL DETAIL - E
SUSPENSION STRAND - PULL AWAY FROM POLE - 5 FEET OR MORE



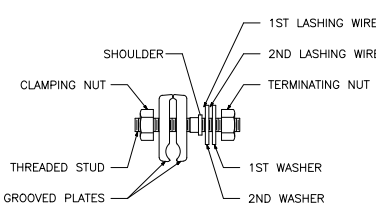
TYPICAL DETAIL - H
LASHING WIRE GRIP AND CLAMP

C LASHING WIRE GRIP INSTALLED ON STRAND

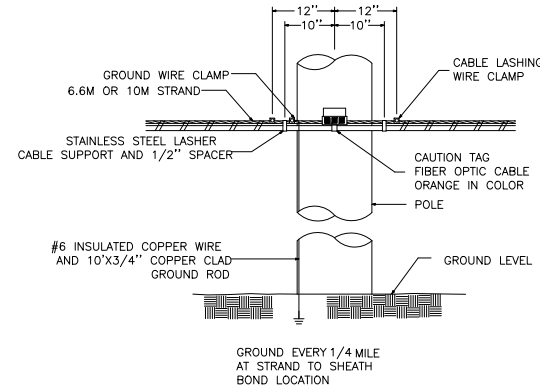


NOTE: LASHING WIRE SHOULD FOLLOW LAY OF STRAND WIRES UNDER GRIP.

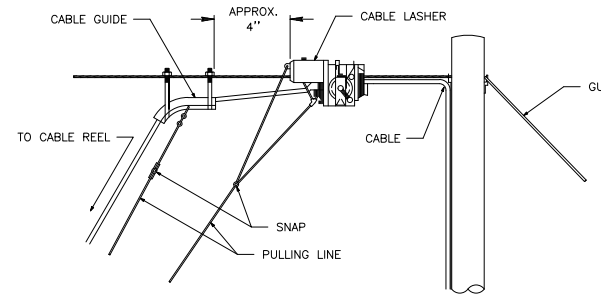
D CABLE LASHING CLAMP



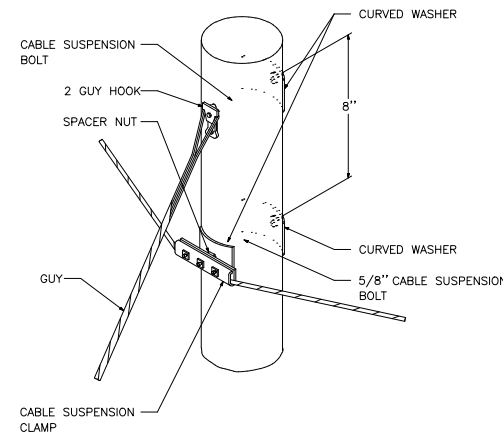
TYPICAL DETAIL - C
TYPICAL CABLE & HARDWARE INSTALLATION (6.6M STRAND \ 10M STRAND)



TYPICAL DETAIL - F
TYPICAL ARRANGEMENT OF CABLE LASHER AND CABLE GUIDE



TYPICAL DETAIL - I
SUSPENSION STRAND - PULL TOWARD POLE - LESS THAN 5 FEET



PLAN & PROFILE SCALE (IF APPLICABLE):

HORIZONTAL:	N/A
VERTICAL:	N/A



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CONSTRUCTION DETAILS 3

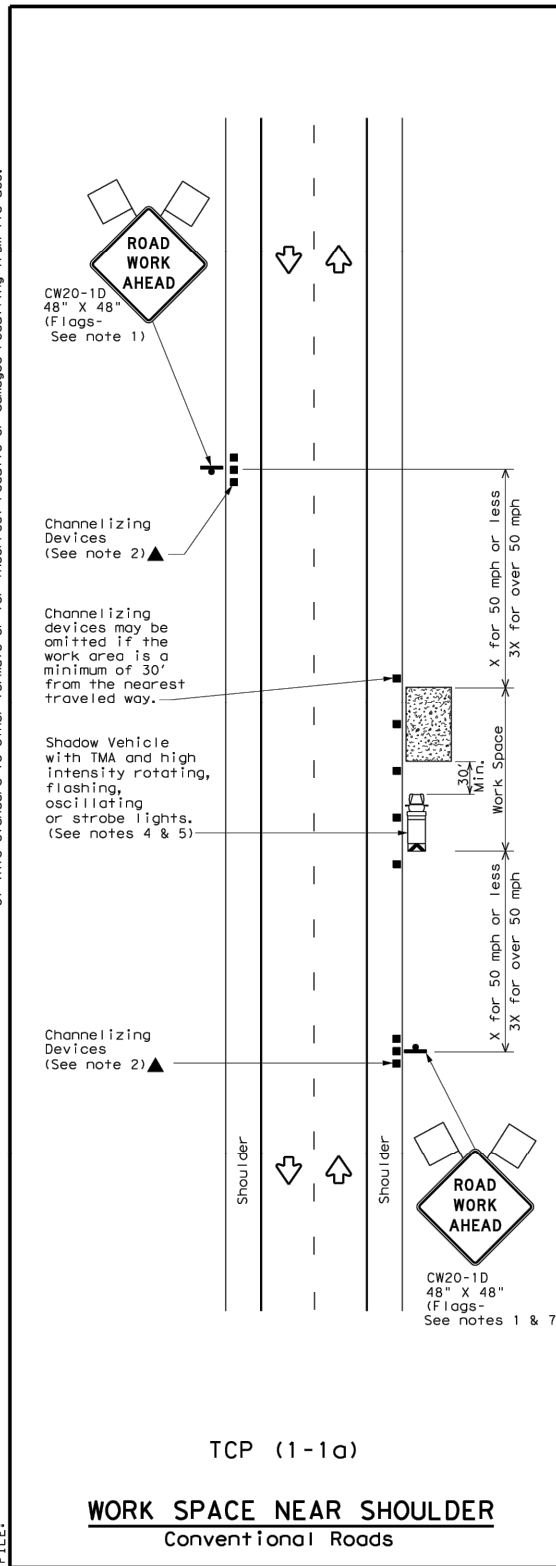
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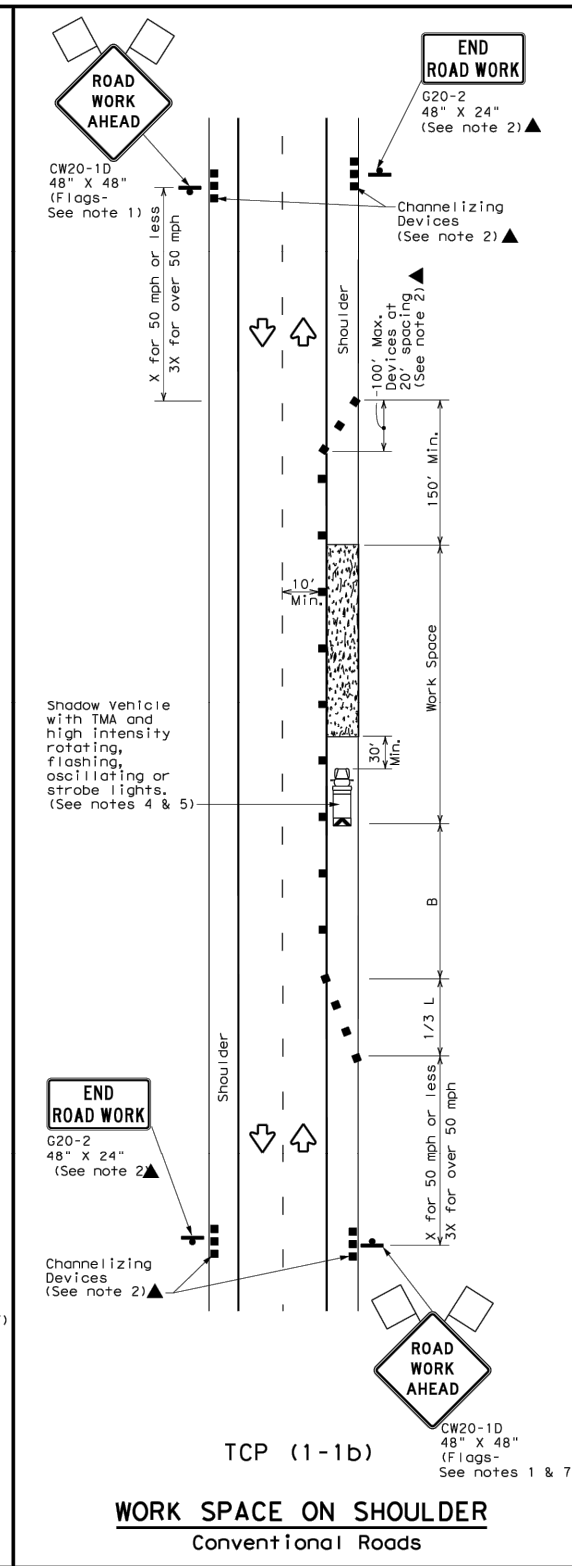
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE: FILE:



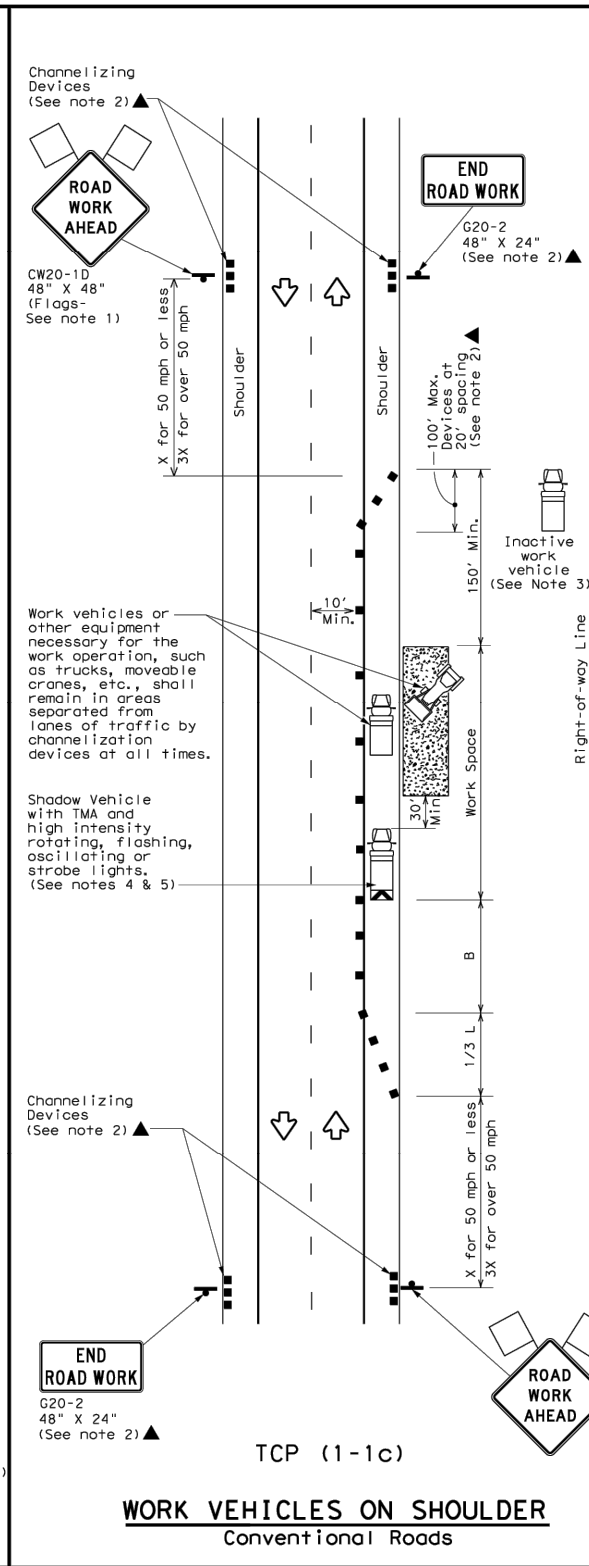
TCP (1-1a)

WORK SPACE NEAR SHOULDER
Conventional Roads



TCP (1-1b)

WORK SPACE ON SHOULDER
Conventional Roads



TCP (1-1c)

WORK VEHICLES ON SHOULDER
Conventional Roads

LEGEND					
	Type 3 Barricade		Channelizing Devices		Truck Mounted Attenuator (TMA)
	Heavy Work Vehicle		Portable Changeable Message Sign (PCMS)		Traffic Flow
	Trailer Mounted Flashing Arrow Board		Flagger		
	Sign				
	Flag				

Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "x" Distance	Suggested Longitudinal Buffer Space "b"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	$L = \frac{W \cdot S^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55	$L = WS$	550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

GENERAL NOTES

- Flags attached to signs where shown are REQUIRED.
- All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
- Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
- A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
- Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
- CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

Texas Department of Transportation
Traffic Operations Division Standard

TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

TCP (1-1) - 18

FILES: tcp1-1-18.dgn	DWG	CHK	DWG	CHK
© TxDOT December 1995	CONT	SECT	JOB	HIGHWAY
REVISIONS				
2-94	4-98			
8-95	2-12			
1-97	2-18			

PLAN & PROFILE SCALE (IF APPLICABLE):
HORIZONTAL: N/A
VERTICAL: N/A



CobbFendley
TBPELS ENGINEERING NO. F-274/
LAND SURVEYING NO. 10046701
505 EAST HUNTLAND DRIVE, SUITE 100
AUSTIN, TEXAS 78752
512.834.9798 | FAX 512.834.7727
WWW.COBBFENDLEY.COM

6/13/2025

REVISIONS			
REV. NO.	DESCRIPTION	APP'D BY:	DATE

THESE DESIGN DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION PRIOR TO REGULATORY SIGNATURE AND PERMIT.

PROJ. NO:	2205-071-01
DESIGN:	AAL
DRAWN:	AAL
CHECK:	GRJ
APPR:	GRJ
DATE:	MARCH 2024

TCP DETAIL 1

LIBERTY HILL RELOCATION
4106 N BAGDAD RD.
LEANDER, TX 78641

COST ESTIMATE

The scope of reimbursement is confined exclusively to redesign efforts and does not cover any additional services or expenditures.

Cost Estimate for Re-Design Only

AT&T Design Only Costs					
Line Item	Item	Quantity	Unit	Unit Cost	Total
1	Engineering - Design	1	LS	\$ 47,000.00	\$ 47,000.00
Project Total					\$ 47,000.00

**Exhibit C showing email confirming the County's approval to reimburse design expenses for revised plans is included with Attachment H as backup for explanation of 100% eligibility.*

Attachment "B" Accounting Method

Actual Cost Method of Accounting

The Utility accumulates cost under a work order accounting procedure prescribed by the Federal or State regulatory body and proposes to request reimbursement for actual direct and related indirect costs.

Lump Sum Method of Accounting

Utility proposed to request reimbursement based on an agreed lump sum amount supported by a detailed cost analysis.

S.S. 10/07/2025
Initial Date
County

DP 09/17/25
Initial Date
Utility

Attachment "C" Schedule of Work

Estimated Start Date (mm/dd/yyyy): 11/18/2025, subject to physical work restrictions prior to the issuance of environmental clearance as required by the provisions of this Agreement. (If construction will be joint bid and included in the highway contract, enter the Project let date.)

Estimated Duration (number of days): 270

Estimated Completion Date (mm/dd/yyyy): 08/18/2026

- Joint Bid Construction – Actual construction dates may vary as determined by the Project contractor or the County.

S.S.

Initial
County

10/07/2025

Date

DP

Initial

Utility

09/17/25

Date

Attachment "D" Statement Covering Contract Work

Engineering Contract:

- Utility performing with their own forces. (Certified timesheets or ledgers are required at billing.)
- Utility will use consultant contract (Continuing contract rate sheets of fee schedule must be attached.)
- The County will procure a utility engineering consultant (Engineering rate sheet must be attached.)

Construction Contract:

The scope of reimbursement is confined exclusively to redesign efforts and does not cover any additional services or expenditures. - No construction documentation required. Boxes below checked for information only.

- Utility performing with their own forces. (Certified timesheets or ledgers are required at billing.)
- Utility will use outside forces to perform the accommodation. (Complete the Procedure to be used in Contracting Work below.)
- The County will complete the accommodation joint-bid as indicated below. (Option D) (WILCO-U-JB also required)

Statement Covering Utility Construction Contract Work

I, Dustin Pilat, a duly authorized and qualified representative of Southwestern Bell Telephone Co. dba AT&T Texas, hereinafter referred to as Utility, am fully cognizant of the facts and make the following statements in respect to the work which will or may be done on a contract basis as it appears in the estimate (Attachment A), to which this statement is attached.

It is more economical and/or expedient for Utility to contract this accommodation, or Utility is not adequately stated or equipped to perform the necessary work on this Project with its own forces to the extent as indicated on the estimate.

Procedure to be used in Contracting Work:

The scope of reimbursement is confined exclusively to redesign efforts and does not cover any additional services or expenditures. - No construction documentation required. Boxes below checked for information only.

- Option A:**

Solicitation of bids is to be accomplished through open advertising and contract is to be awarded to the lowest qualified bidder who submits a proposal in conformity with the

SS.

10/07/2025

DP

09/17/25

Initial

Date

Initial

Date

County

Utility

requirements and specifications for the work to be performed. Associated bid tabulations must be provided to the County at billing.

Option B:

Solicitation of bids is to be accomplished by circulating to a list of pre-qualified contractors or known qualified contractors who submits a proposal in conformity with the requirements and specifications for the work to be performed. Associated bid tabulations will be provided to the County. Such presently known contractors are listed below: (a list may be attached)

- 1. _____
- 2. _____
- 3. _____

Option C:

The work is to be performed under an existing continuing contract under which certain work is regularly performed for Utility and under which the lowest available costs are developed. The existing continuing contract will be made available for the County for review at a location mutually acceptable to the Utility and the County. If only part of the work is to be done under an existing contract, a Continuing Contract Rate sheet must be attached.

Option D:

The Utility plans and specifications, with the consent of County, will be included in the construction contract awarded by the County. In the best interest of both the County and Utility, the Utility request the County to include the plans and specifications for this work in the general contract for construction of the Project [Project Name], so that the work may be can be coordinated with the other construction operations; and the construction contract is to be awarded by the County to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed. If this option is chosen, attach form WILCO-U-JB, the terms of which are incorporated herein by reference.

Dustin Pilot

09/17/25

Signature

Date

SR Specialist OSP Design Engineer

Title

SS.

10/07/2025

DP

09/17/25

Initial

Date

Initial

Date

County

Utility

Attachment "E" Utility Joint Use Agreement

- Utility Joint Use Agreement (WILCO-U-JUA)
 - Plans with highlighted areas to be joint used are included.

- Utility Installation Review/Permit Number:
AT&T does not permit within County limits

- Utility Prior Rights Agreement
 - Plans with prior rights area highlighted are included.

- Quit Claim will be submitted at the Final Billing
Area of existing easements to be quit claimed is noted in the plans.

S.S.

10/07/2025

Initial

Date

County

DP

Initial

09/17/25

Date

Utility

Attachment "F" Eligibility Ratio

Eligibility Ratio established: 100%*

- Interstate roadway
- Non-interstate roadway / project

*Exhibit C showing email confirming the County's approval to reimburse design expenses for revised plans is included with Attachment H as backup for explanation of 100% eligibility.

SS.

Initial
County

10/07/2025
Date

DP
Initial

Utility

09/17/25
Date

Attachment "G" Betterment Calculation and Estimate

- No Betterment
- Elective Betterment Ratio established: %
 - Betterment % Calculation is attached
 - Comparative Estimate including betterment and in-kind is attached
- Forced Betterment
 - To comply with regulated industry standards, laws, and regulations. (Supporting documentation is attached)
 - To comply with published current design practice followed by the utility in its own work. (Supporting documentation is attached)
 - Due to proposed project design. (Provide explanation below)

Description of Elective Betterment included in this accommodation:

Statement justifying Forced Betterment included in this accommodation:

S.S.

10/07/2025

Initial

Date

County

DP

Initial

09/17/25

Date

Utility

Attachment "H" Proof of Property Interest

N/A

- Supporting documentation of compensable property interest that establishes reimbursement eligibility.

- Property interest documented through the following applicable affidavits and required attachments are attached.
 - WILCO-U-Affidavit
 - Utility Owner
AND
 - Disinterested Party or Landowner

 - Pole attachment with utility holding a compensable property interest.

*Exhibit C showing email confirming the County's approval to reimburse design expenses for revised plans is attached herewith as backup for explanation of 100% eligibility.

S.S. 10/07/2025
Initial Date
County

DP 09/17/25
Initial Date
Utility

Exhibit “C”

Email confirming the County’s approval to reimburse design expenses for revised plans.

Williamson County Road Bond Program

Cell (512) 702-9517 Email romartinez@hntb.com

HNTB CORPORATION | INFRASTRUCTURE SOLUTIONS

From: Carlton Wolfe <CWolfe@Cobbfendley.com>

Sent: Thursday, March 27, 2025 3:44 PM

To: Robert Martinez <romartinez@HNTB.com>; Harsha Shetty <hshetty@cobbfendley.com>

Cc: 70391_BagdadRoad-CR279(Loop332toCR281) <BagdadRoad-Loop332toCR281_P343@hntb.mail.onmicrosoft.com>; Kate Wilder <kwilder@hntb.com>

Subject: Re: Bagdad Road North Incoming Supplement Work Authorization for Inland and AT&T Redesign

External Email: Use caution when clicking on links, replying, or opening attachments.

Thanks Robert, we will need S&C to draft a letter agreement to reimburse AT&T for these design costs.

We can begin our design efforts now without the agreement in place.

Carlton Wolfe

Utility Coordination Deputy Project Manager

Direct: 512.646.4318

Mobile: 603.459.3374

Cobb, Fendley & Associates, Inc.

From: Robert Martinez <romartinez@HNTB.com>

Sent: Thursday, March 27, 2025 3:37 PM

To: Carlton Wolfe <CWolfe@Cobbfendley.com>; Harsha Shetty <HShetty@cobbfendley.com>

Cc: 70391_BagdadRoad-CR279(Loop332toCR281) <BagdadRoad-Loop332toCR281_P343@hntb.mail.onmicrosoft.com>; Kate Wilder <kwilder@hntb.com>

Subject: FW: Bagdad Road North Incoming Supplement Work Authorization for Inland and AT&T Redesign

Carlton,

Please see below for confirmation from the Commissioner's office to start the AT&T redesign.

Thank you,

Robert Martinez, PE

Williamson County Road Bond Program

Cell (512) 702-9517 Email romartinez@hntb.com

HNTB CORPORATION | INFRASTRUCTURE SOLUTIONS

From: Kathy Pierce <kpierce@wilco.org>

Sent: Thursday, March 27, 2025 3:35 PM

To: Robert Martinez <romartinez@HNTB.com>

Cc: Kate Wilder <kwilder@hntb.com>; Nikki Fitzpatrick <nfitzpatrick@HNTB.com>; Beckye Estill <beckye.estill@wilco.org>; 70391_BagdadRoad-CR279(Loop332toCR281) <BagdadRoad-Loop332toCR281_P343@hntb.mail.onmicrosoft.com>

Subject: RE: Bagdad Road North Incoming Supplement Work Authorization for Inland and AT&T Redesign

External Email: Use caution when clicking on links, replying, or opening attachments.

Robert,

It sounds like these costs are unavoidable and will slow down progress in the project, if we do not approve the change order. I also believe when we spoke there were no other options and that the Road Bond Team is recommending the change order. If this is correct, then please proceed with the efforts to change the pole locations.

Thanks,



Kathy Pierce

Project Manager

Executive Assistant

to Commissioner Cynthia Long

office: 512-260-6514 | cell: 512-635-5273

kpierce@wilco.org

Williamson County is transitioning email from @wilco.org to wilcotx.gov. Please update your contract and direct all future emails to: Kathy.Pierce@wilcotx.gov

350 Discovery Blvd., Suite 201, Cedar Park, TX 78613

www.wilcotx.gov

From: Robert Martinez <romartinez@HNTB.com>

Sent: Thursday, March 27, 2025 10:46 AM

To: Kathy Pierce <kpierce@wilco.org>

Cc: Kate Wilder <kwilder@hntb.com>; Nikki Fitzpatrick <nfitzpatrick@HNTB.com>; 70391_BagdadRoad-CR279(Loop332toCR281) <BagdadRoad-Loop332toCR281_P343@hntb.mail.onmicrosoft.com>

Subject: RE: Bagdad Road North Incoming Supplement Work Authorization for Inland and AT&T Redesign

You don't often get email from romartinez@hntb.com. [Learn why this is important](#)

EXTERNAL email: Exercise caution when opening.

Kathy,

Following up on this request below for the AT&T redesign.

Thank you,

Robert Martinez, PE

Williamson County Road Bond Program

Cell (512) 702-9517 Email romartinez@hntb.com

HNTB CORPORATION | INFRASTRUCTURE SOLUTIONS

From: Robert Martinez <romartinez@HNTB.com>

Sent: Monday, March 24, 2025 2:18 PM

To: Cynthia Long <clong@wilco.org>; Kathy Pierce <kpierce@wilco.org>

Cc: Kate Wilder <kwilder@hntb.com>; Nikki Fitzpatrick <nfitzpatrick@HNTB.com>; 70391_BagdadRoad-CR279(Loop332toCR281) <BagdadRoad-Loop332toCR281_P343@hntb.mail.onmicrosoft.com>

Subject: Re: Bagdad Road North Incoming Supplement Work Authorization for Inland and AT&T Redesign

Kathy,

Thank you for taking my phone call. As discussed, we are seeking approval for the redesign of AT&T along Bagdad Road North. The redesign will cost \$47k and we recommend proceeding.

Thank you,

Robert Martinez, PE

Williamson County Road Bond Program

Cell (512) 702-9517 Email romartinez@hntb.com

HNTB CORPORATION | INFRASTRUCTURE SOLUTIONS

From: Robert Martinez <romartinez@HNTB.com>

Sent: Thursday, March 13, 2025 8:49 AM

To: Cynthia Long <clong@wilco.org>

Cc: Kate Wilder <kwilder@hntb.com>; Nikki Fitzpatrick <nfitzpatrick@HNTB.com>; 70391_BagdadRoad-CR279(Loop332toCR281) <BagdadRoad-Loop332toCR281_P343@hntb.mail.onmicrosoft.com>

Subject: Bagdad Road North Incoming Supplement Work Authorization for Inland and AT&T Redesign

Good morning Commissioner Long,

We are expecting to submit for approval a supplemental work authorization on Inland's 2019 on-call work authorization #7 for Bagdad Road North. This supplemental will include 1 additional parcel acquisition document for the remainder of the Henry Boyd tract. There are still additional funds in their WA#7 for this task so there will be no cap increase needed. Please let me know if I can assist with any additional questions for clarity.

Additionally, AT&T is needing to re-design their facilities along Bagdad Road due to the change in pole locations from PEC going from replacement easements to being within the ROW or utilizing their existing blanket easements. This effort will cost \$47k. Cobb Fendley is requesting confirmation to proceed with these efforts.

Please let me know if I can assist with any additional questions or concerns.

Thank you,

Robert Martinez, PE

Williamson County Road Bond Program

Cell (512) 702-9517 Email romartinez@hntb.com

HNTB CORPORATION | INFRASTRUCTURE SOLUTIONS

101 East Old Settlers Blvd, Suite 225 | Round Rock, TX 78664 | hntb.com

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