



31

NAVARRO COUNTY ROAD AND BRIDGE DEPARTMENT

NAVARRO COUNTY COURTHOUSE

300 W. 3<sup>RD</sup> AVE.

CORSICANA, TEXAS 75110

APPROVAL FORM FOR RIGHT-OF-WAY CONSTRUCTION (UTILITY)

Date: 11/03/2025

Applicant: Mastec (on behalf of Lyte Fiber, LLC)

Address: 1287 North Post Oak Rd, Suite 150, Houston, TX 77055

Phone #: 832-919-6469

Type of utility construction requested: (pipeline and product, cable and type, utility and type:

Fiber-Optic Cable

Name of Utility Company: Lyte Fiber, LLC

Location of Utility Construction: (location map must be attached) see attached map(s)

Attach location map or drawing, description of proposed utility line and appurtenances fully shown with distance of utility lines being replaced or installed in relationship with County Roads. Show on map or drawing the location of any road bore, length of bore and size of encasement that the utility line will be passing through.

Estimated start date of construction: November 20, 2025

Estimated completion date of construction: December 31, 2026

County of Navarro

Specifications for placing utilities within Navarro County Right-Of-Way

1. In the event it becomes necessary to alter or relocate the utility for which permission is sought, due to widening or improving the county road within the existing road easement or right-of-way at the point or along the route of said utility construction, Navarro County will notify, in writing, the applicant or its successor of the county road widening and/or improvements. Within 45 days after receiving notice, the applicant or its successor will perform the alteration or relocation at its own cost and expense, and said company will save and hold harmless Navarro County from any claims, or causes of action due to any claims for damages or injuries sustained by any person or property occasioned by its operation under this permit.
2. All road crossings will be bored unless a variance is granted.
3. All road crossings will be at a minimum depth of 60" below the lowest existing grade.
4. All parallel utility construction will be a minimum depth of 36" below existing road grade.
5. All right-of-way disturbed by the utility construction will be secured daily during active construction and fully restored, within a reasonable time, to a condition that is as good or better than before construction.
6. In the event construction is delayed or halted by adverse weather conditions, labor stoppages or mechanical difficulties, the company will ensure that all ditches are cleaned and will drain as good or better than before construction.
7. The County Commissioner of said Precinct may require the applicant to file a bond for road repairs and damage repairs in the amount the Commissioner determines to cover damage costs for said job. Upon completion of construction at a road crossing or parallel construction in the Right-of-way, contractor will notify the Commissioner so an inspection can be made.
8. The applicant in consideration of the approval of this request by the Navarro County Commissioners Court does hereby agree, upon completion of the placement of the utilities as set forth in this request, to return the county road, its right-of-way and any improvements or additions to a condition which, in the opinion of the County Commissioner, equals or exceeds the condition in which said county road or right-of-way prior to the time construction started.
9. The applicant shall indemnify, defend, and hold Navarro County harmless from any obligation or claim for damages that may be alleged or any costs or expenses, including but not limited to, reasonable attorneys' fees arising from the applicant's placement of the utility in the right-of-way which Navarro County may incur, or any claims Navarro County may be legally required to pay resulting from damages caused by the applicant's installation contemplated by this agreement. In the event the applicant does not provide timely locates per Texas 811, the applicant shall indemnify, defend, and hold Navarro County harmless at any future date for accidental damages to the above ground and/or buried utilities by road working equipment such as motor graders, posthole diggers, shredders, brush cutters, drainage ditch clearing equipment, etc. In the event such damages should occur, the applicant will be notified immediately.

The undersigned agrees that he has read and will abide by all requirements set forth in this form.

Signature of Applicant: \_\_\_\_\_

*J.D. Hernandez*

Date: 10/20/2025

NAVARRO COUNTY

By: \_\_\_\_\_

*[Signature]*

County Judge

Date: 11-24-25

By: \_\_\_\_\_

*David Bremer*

Commissioner of Precinct 4

Date: 11/24/25

OVERVIEW MAP

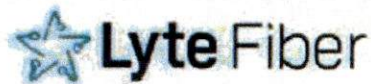






**FIBER OPTIC BUILD**  
**PROJECT #: MM-NMF-County1 (Navarro County)**

# OVERVIEW MAP



ALL BURIED FIBER CABLES PLACED ON THIS PROJECT WILL BE BURIED @ 36" DEEP FOR PARALLEL, 60" DEEP FOR CROSSINGS, AND PLACED IN INNERDUCT UNLESS SPECIFICALLY NOTED OTHERWISE

4870 NW 4210, Frost, TX 76641, USA

Project ID MM-NMF-CountyPermit1 (Navarro County)

Engineered By MASTEC TECHNICAL SERVICES

Project name NAVARRO MILLS TO FROST

TYPE FEEDER

Permit # 1 Date Created 10/10/25

Rev # Rev Date

SHEET: C2 OF C4

ALL CONSTRUCTION IS PROPOSED WHEN OBJECTS ARE ENCOUNTERED THAT WILL INTERFERE WITH THE EXISTING INFRASTRUCTURE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR



CONFIDENTIAL/PROPRIETARY

# DRAFTING STANDARD SYMBOLOGY

# LINE LEGEND

	JUNCTION BOX		HANDHOLE - EXISTING		HANDHOLE - PROPOSED 13"x24"x18"
	ELECTRIC VAULT		HANDHOLE - PROPOSED 12"x12"x12"		HANDHOLE - PROPOSED 17"x30"x24"
	GROUND TRANSFORMER		UTILITY POLE - EXISTING		HANDHOLE - PROPOSED 30"x48"x36"
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	ELECTRIC HANDHOLE		POLE ANCHOR/DOWN GUY - PROPOSED		9" ROUND FLOWER POT - PROPOSED
	ELECTRIC MANHOLE		PROPOSED DOWN GUY ON EXISTING ANCHOR		BORE PIT - PROPOSED
	POWER PED EXISTING		STRUCTURE CALLOUT - PROPOSED		
	POWER PED NEW		PATH CALLOUT - PROPOSED		
	WATER METER				
	WATER VALVE (FLUSH)				
	FIRE HYDRANT				
	TREE				
	STORM DRAIN MANHOLE				
	SEWER MANHOLE				
	TEL PEDESTAL NEW				
	TRAFFIC ARROWS				
	CULVERT				
	WING WALL				
	CABINET - PROPOSED				

	BURIED PATH - PROPOSED
	AERIAL FIBER ROUTE - EXISTING
	AERIAL FIBER ROUTE - PROPOSED
	GAS
	WATER
	TELEPHONE
	ELECTRIC
	SANITARY SEWER (SEW)
	STORM DRAIN
	FENCE
	CABLE TV
	STEAM
	OIL
	UNKNOWN UTILITY
	RIGHT OF WAY
	EDGE OF PAVEMENT
	ROAD DASHED(YELLOW) LINES
	RIVER/CREEK CHANNEL
	MEDIAN
	BACK OF CURB
	CENTERLINES
	TOP OF SLOPE
	BOTTOM OF SLOPE
	DITCHLINE
	PROPERTY LINE
	PUE
	RAILROAD
	GUARD RAIL



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Engineered By		MASTEC TECHNICAL SERVICES	
Project name		NAVARRO MILLS TO FROST	
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Permit #	1	Date Created	10/10/25
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SHEET: C3 OF C4			

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Know what's below.  
Call before you dig.

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## GENERAL NOTES

### GENERAL NOTES:

- Contractor must obtain locates prior to disturbing the ground.
- Contractor must have a copy of the approved permit from the appropriate agency on the jobsite at all times.
- Any landscaping will be replaced to equal or better than that which existed prior to work.
- Project site will be properly secured prior to the end of each day.
- All work is to be in accordance with all authorities having jurisdiction in the work zone.
- Contractors are advised to contact Level 3 for any additional information or clarification concerning scope of work or the requirements necessary for project completion.
- Contractor is responsible to field verify all dimensions, quantities and existing conditions prior to construction. If a significant change to the running line is needed, please contact your Level 3 representative before proceeding.
- Before construction begins, contractor shall take appropriate precautions to avoid any potential obstructions prior to proceeding with work.
- No construction on private property will commence until approval is given by the appropriate Level 3 employee.
- Contractor shall not proceed with work until they have received a Purchase Order and have been directed to do so by an authorized Level 3 representative.
- Contractor shall not exceed the Purchase Order value without authorization in writing from the appropriate Level 3 representative.
- As-builts will be required for each project including cable footage sequential at every access point, slack loop, splice location, pole and terminations point. Contractor should also provide notes of all changes in depths, running lines, M/H/H locations, and any other applicable notes to depict the work that took place. NOTE: All major changes need to be pre-approved by an authorized Level 3 employee prior to starting the work.

### SITE CONDITIONS:

The actual location of existing conduit and cables may vary from the location shown. Repair of any damaged conduit containing cable shall be made by use of PVC split duct. The contractor shall enclose the existing cables in PVC.

The locations of existing utilities shown in the plan are approximate. When work is to be conducted in the vicinity of known utilities, their actual location must be field verified to avoid conflicts and damage to these utilities. Variation in locations between "recorded positions" and actual positions should be anticipated.

It shall be the contractor's responsibility to verify the location of all underground utilities. Buried utilities may exist in the area in addition to those shown on the plan. The contractor shall contact property owners when working within private easements for location of underground tanks, pipelines, drain tiles, or other buried improvements. The contractor shall also notify the utility notification center prior to commencing any construction activities.

The contractor must assume all buried utilities encountered are alive and active unless specifically instructed otherwise by the owners or operators of said utilities.

Damage to sub-surface structures is the sole responsibility of the placing contractor.

The contractor shall protect the existing traffic control loops. If existing traffic control loops are damaged during construction, the entire loopwire from terminal shall be replaced in accordance with governing agency standards and regulations at contractor's expense.

Removal of existing asphalt pavement, concrete curbs, and concrete sidewalks will be "neat line" with saw or pavement cutter, per requirements and specifications of the agency or department responsible for each location. If concrete pavement is encountered while excavation conduit trenches, the concrete removal will be "neat line" with a pavement saw.

If concrete curb returns and/or sidewalks are replaced due to conduit or manhole installation, the contractor shall place approved handicapped sidewalk and curb access ramps in conformance with State statutes.

All materials necessary for repair of streets, curbs, sidewalks, sanitary sewers, storm sewers, and public service utilities and the installation of such materials shall be in conformance with the requirements and specifications of the agency or department responsible for the operation and maintenance of the repaired facility.

All work shall conform to the specifications of the jurisdictional permit agency.

All open trenches will be clearly marked with barricades or cones. Steel plates or other types of bridging shall be provided to cover open trenches in the travel portion of the streets. These plates or bridging shall be adequate to support the normal vehicle loads anticipated in this area and shall be in place during all non-working hours.

All surface to be restored to original condition, and backfill to be compacted as specified. Trench excavation in surface which include concrete treated base shall follow local area specifications.

### HAZARDOUS MATERIAL

The contractor shall notify the jurisdictional permit agency immediately if any materials are encountered that are considered by the EPA, DEC, or OSHA as hazardous. If potentially hazardous materials are encountered the contractor shall secure the site and prevent any accidental exposure by the public or the contractor's personnel.

The contractor may excavate up to, but shall not disturb known hazardous materials such as asbestos, oils, acid, etc. The removal of all hazardous materials must be done by an approved or certified hazardous materials contractor licensed by the state.

A copy of all correspondence pertinent to the removal of the hazardous materials shall be transmitted to the owner and a copy shall be available at the project office and the job site.

### AERIAL NOTES

- Aerial construction to be performed to industry acceptable standards.
- All height of cable placement will be recorded at the time of construction. Document all points of attachment
- 6.6M strand will be with standard 3/8" hardware.
- All extension arms will be epoxy arms unless otherwise noted or approved by the inspector.
- Band strand to power MGN where applicable. Anchors to be used will be 1" screw in type.
- All straps will be placed 4" before and after every supporting clamp at minimum of 21" apart.
- P.O.A = Point of Attachment
- Add missing grounds
- Repair/Replace existing lashing wire if damaged

### CONSTRUCTION STAKES

In areas where the conduit alignment is not clearly defined by the curb lines, fence lines, or other evidence of the right-of-way, the engineer will provide centerline stake or paint marks where required to make the proposed conduit alignment evident.

Closure identified in the plans shall be located by the contractor. Deviation from plan layout shall be approved by the engineer prior to conduit and/or enclosure installation.

Manhole centers will be field staked by the engineer when requested with offset staked at right angles to the conduit alignment.

If additional field staking of location of conduit, manholes, property lines, etc. becomes necessary, the contractor is to notify the inspector or the engineer two days prior to the beginning of the work.

### PERMITS-FRANCHISES-EASEMENTS

Physical work shall not be started until the governing agency inspector and the contractor are in possession of and have carefully reviewed and fully understand all conditions and specifications set forth in the required permit, franchisees and/or easements.

Placing foreman to have a copy of the permits, easements on site at all times.

Any conflict between work print specifications and specifications set forth under related permits, franchises, and/or easements must be cleared by proper company authority before progressing with work involved.

### TRAFFIC CONTROL

Any project involving work along a major arterial road and/or heavy traffic volume should be anticipated.

Uniform traffic flow shall be maintained at all times. Only equipment and materials necessary for immediately scheduled or in progress work will be maintained in the work area. All other equipment and material will be "stored or stockpiled" in such a manner as to eliminate hazardous conditions for traffic or pedestrians during non-working or shut down period.

Traffic warning devices and signs shall conform to the manual on uniform traffic devices for streets and highways (US Government Printing Office) and to the state highway division standards specifications for highway construction. High level warning type devices are to be used at times and special warning devices may be stipulated by the jurisdictional permit agency at any time he use will add to the safety and protection of traffic or pedestrian in the construction area.

All conduit trenching in paved areas shall be backfilled with crushed gravel or completely covered at the completion of each working day. Any backfilled trench shall be capped with a minimum layer of asphalt or concrete cold patch at the end of each working day.

The contractor shall mark the conduit trench and define their construction area clearly with barricades, cones, and/or other visible methods that alert the public of the construction activity.

A traffic control plan shall be prepared by the contractor as required and submitted to each permitting agency requesting such plan for review and approval or revision prior to commencing any construction activity for this project. The approved plan shall be submitted to the agency and a copy of the plan shall be kept at the construction site and must be available for review by agency representatives.

### SPECIAL UTILITY CLEARANCE

All work conducted adjacent water mains shall conform to the following conditions.

- Whenever possible conduit shall maintain a horizontal separation of 3', measured surface (outside edge to outside edge) from parallel water mains.
- Whenever possible conduit shall pass under existing water mains and must maintain 12" vertical separation.
- The contractor shall be responsible for establishing and maintaining this required vertical separation by either exposing the water main every 100 feet in those areas where horizontal separation is less than 3 feet or by utilizing the depths of adjacent water valves. If the contractor utilizes the adjacent water line to determine water main depth, they shall contact the agency at each such location and the agency will determine the necessary depth of the top of the conduit at that point.
- The vertical and horizontal separation shall be maintained at all times unless specifically revised by agreement between the jurisdictional permit agency and the agency. Any specific deviation in the vertical and horizontal separation from those described shall be reported to the owner by the contractor. The contractor shall be responsible for maintaining vertical and horizontal separation at all times and shall be responsible for any and all encroachments.
- Clearances to storm sewer and sanitation sewers shall be exactly the same as those to water mains.

### STRUCTURE PROTECTION

Manholes and conduit to be placed adjacent to existing structures such as bridges, bridge footings/piers, foundations, walls, power and telephone poles, and other utilities shall maintain a minimum clearance as shown. The contractor shall not undermine any adjacent structure without specific written permission from the owner/operator of such structure.

Shoring used as foundation support shall be designed specifically for both the live and dead loads off the structure or if only the dead is used for design. The contractor shall provide a detailed layout and plan of the method of establishing and maintaining the design load condition (i.e. road detours, setbacks, etc.).

See utility clearance section notes for the clearance criteria to parallel or cross utilities.

Existing utilities exposed during excavation shall be 100% supported by either trench bridging and suspension or by the use of longitudinal trays or platforms vertically supported by adjustable building jacks.

Existing splice cases and cable supported by suspension from a cross beam. Supports shall be placed at a maximum spacing of 4 feet and shall consist of a canvas sling with nylon belting or rope. All cable support shall be placed in a manner that prevents kinks or other damage to the cable sheath.

An acceptable alternative to cable slings would be the utilization of a wide flange "T" beam or channel as a "cable tray" with cables/cases banded in place.

### SHORING

The contractor shall provide shoring for conduit trench excavation 48" or more in depth as measured from the high side of the trench and for all manhole excavation.

Manhole shoring shall be light-sheathed.

All shoring shall conform to the standards and specifications of local party and the occupational safety health administration.

The contractor shall provide all shoring and design calculations to the permit issuing agency prior to commencing any construction activity.



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Project ID		MM-NMF-CountyPermit1 (Navarro County)	
Engineered By		MASTEC TECHNICAL SERVICES	
Project name		NAVARRO MILLS TO FROST	
TYPE		FEEDER	
Permit #	1	Date Created	10/10/25
Rev #		Rev Date	
SHEET:		C4	OF C4

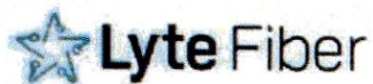
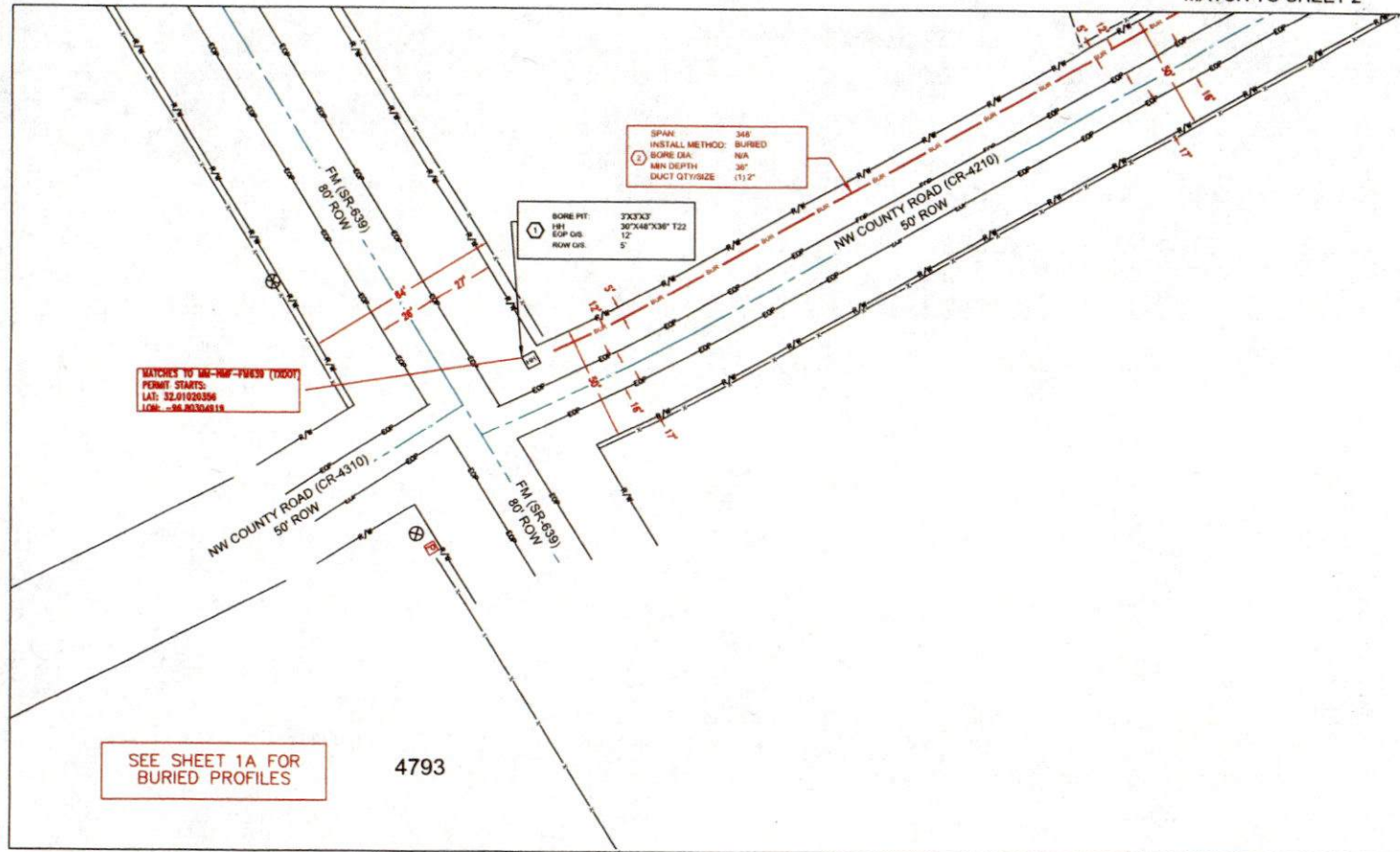
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MATCH TO SHEET 2

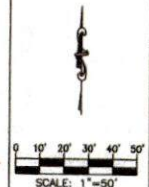


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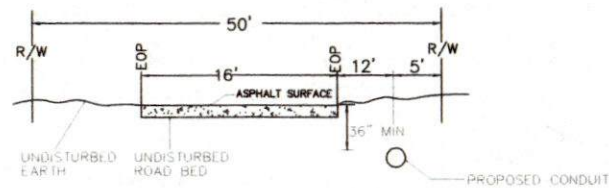
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# PARALLEL CONDUIT DETAIL FOR COUNTY RIGHT OF WAY

NW COUNTY ROAD (CR-4210)



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Project ID MM-NMF-CountyPermit1 (Navarro County)

Engineered By MASTEC TECHNICAL SERVICES

Project name NAVARRO MILLS TO FROST

TYPE FEEDER

Permit # 1 Date Created 10/10/25

Rev # Rev Date

SHEET: 1A OF 31

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NAVARRO COUNTY ROAD AND BRIDGE DEPARTMENT

NAVARRO COUNTY COURTHOUSE

300 W. 3<sup>RD</sup> AVE.

CORSICANA, TEXAS 75110

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Estimated completion date of construction: December 31, 2026



County of Navarro

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The undersigned agrees that he has read and will abide by all requirements set forth in this form.

Signature of Applicant: J.D. Hernandez

Date: 10/20/2025

NAVARRO COUNTY

By: [Signature]  
County Judge

Date: 11-24-25

By: [Signature]  
Commissioner of Precinct 4

Date: 11/22/25

OVERVIEW MAP







**FIBER OPTIC BUILD**  
**PROJECT #: MM-NMCW-CountyPermit1 (Navarro County)**

# OVERVIEW MAP



© 2025 Microsoft Corporation © 2025 Maxar © CNES (2025) Distribution Airbus DS © 2025 TMAP MOBILITY Earthstar Geographics SIO © 2025 TomTom © 2025 Zenrin



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430 NW 2160 BARRY, TX. 75102

Project ID MM-NMCW-CountyPermit1 (Navarro County)

Engineered By MASTEC TECHNICAL SERVICES

Project name NAVARRO MILLS TO CORSICANA WEST

TYPE FEEDER

Permit # 1 Date Created 10/16/25

Rev # Rev Date

SHEET: C2 OF C4

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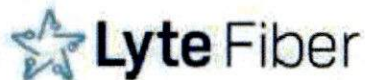


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	CABINET - PROPOSED				

# LINE LEGEND

	BURIED PATH - PROPOSED
	AERIAL FIBER ROUTE - EXISTING
	AERIAL FIBER ROUTE - PROPOSED
	GAS
	WATER
	TELEPHONE
	ELECTRIC
	SANITARY SEWER (SEW)
	STORM DRAIN
	FENCE
	CABLE TV
	STEAM
	OIL
	UNKNOWN UTILITY
	RIGHT OF WAY
	EDGE OF PAVEMENT
	ROAD DASHED (YELLOW) LINES
	RIVER/CREEK CHANNEL
	MEDIAN
	BACK OF CURB
	CENTERLINES
	TOP OF SLOPE
	BOTTOM OF SLOPE
	DITCHLINE
	PROPERTY LINE
	PUE
	RAILROAD
	GUARD RAIL



ALL BURIED FIBER CABLES PLACED ON THIS PROJECT WILL BE BURIED @ 36" DEEP FOR PARALLEL, 60" DEEP FOR CROSSINGS, AND PLACED IN INNERDUCT UNLESS SPECIFICALLY NOTED OTHERWISE

Project ID		MM-NMCW-CountyPermit1 (Navarro County)	
Engineered By		MASTEC TECHNICAL SERVICES	
Project name		NAVARRO MILLS TO CORSICANA WEST	
TYPE		FEEDER	
Permit #	1	Date Created	10/16/25
Rev #		Rev Date	
SHEET: C3		OF C4	

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## GENERAL NOTES

### GENERAL NOTES:

1. Contractor must obtain locates prior to disturbing the ground.
2. Contractor must have a copy of the approved permit from the appropriate agency on the jobsite at all times.
3. Any landscaping will be replaced to equal or better than that which existed prior to work.
4. Project site will be properly secured prior to the end of each day.
5. All work is to be in accordance with all authorities having jurisdiction in the work zone.
6. Contractors are advised to contact Level 3 for any additional information or clarification concerning scope of work or the requirements necessary for project completion.
7. Contractor is responsible to field verify all dimensions, quantities and existing conditions prior to construction. If a significant change to the running line is needed, please contact your Level 3 representative before proceeding.
8. Before construction begins, contractor shall take appropriate precautions to avoid any potential obstructions prior to proceeding with work.
9. No construction on private property will commence until approval is given by the appropriate Level 3 employee.
10. Contractor shall not proceed with work until they have received a Purchase Order and have been directed to do so by an authorized Level 3 representative.
11. Contractor shall not exceed the Purchase Order value without authorization in writing from the appropriate Level 3 representative.
12. As-builts will be required for each project including cable footage sequential's at every access point, slack loop, splice location, pole and terminations point. Contractor should also provide notes of all changes in depths, running lines, MH/HH locations, and any other applicable notes to depict the work that took place. NOTE: All major changes need to be pre-approved by an authorized Level 3 employee prior to starting the work.

### SITE CONDITIONS:

The actual location of existing conduit and cables may vary from the location shown. Repair of any damaged conduit containing cable shall be made by use of PVC split duct. The contractor shall enclose the existing cables in PVC.

The locations of existing utilities shown in the plan are approximate. When work is to be conducted in the vicinity of known utilities, their actual location must be field verified to avoid conflicts and damage to these utilities. Variation in locations between "recorded positions" and actual positions should be anticipated.

It shall be the contractor's responsibility to verify the location of all underground utilities. Buried utilities may exist in the area in addition to those shown on the plan. The contractor shall contact property owners when working within private easements for location of underground tanks, pipelines, drain tiles, or other buried improvements. The contractor shall also notify the utility notification center prior to commencing any construction activities.

The contractor must assume all buried utilities encountered are alive and active unless specifically instructed otherwise by the owners or operators of said utilities.

Damage to sub-surface structures is the sole responsibility of the placing contractor.

The contractor shall protect the existing traffic control loops. If existing traffic control loops are damaged during construction, the entire loopwire from terminal shall be replaced in accordance with governing agency standards and regulations at contractor's expense.

Removal of existing asphalt pavement, concrete curbs, and concrete sidewalks will be "neat line" with saw or pavement cutter, per requirements and specifications of the agency or department responsible for each location. If concrete pavement is encountered while excavation conduit trenches, the concrete removal will be "neat line" with a pavement saw.

If concrete curb returns and/or sidewalks are replaced due to conduit or manhole installation, the contractor shall place approved handicapped sidewalk and curb access ramps in conformance with State statutes.

All materials necessary for repair of streets, curbs, sidewalks, sanitary sewers, storm sewers, and public service utilities and the installation of such materials shall be in conformance with the requirements and specifications of the agency or department responsible for the operation and maintenance of the repaired facility.

All work shall conform to the specifications of the jurisdictional permit agency.

All open trenches will be clearly marked with barricades or cones. Steel plates or other types of bridging shall be provided to cover open trenches in the travel portion of the streets. These plates or bridging shall be adequate to support the normal vehicle loads anticipated in this area and shall be in place during all non-working hours.

All surface to be restored to original condition, and backfill to be compacted as specified. Trench excavation in surface which include concrete treated base shall follow local area specifications.

### HAZARDOUS MATERIAL

The contractor shall notify the jurisdictional permit agency immediately if any materials are encountered that are considered by the EPA, DEQ, or OSHA as hazardous. If potentially hazardous materials are encountered the contractor shall secure the site and prevent any accidental exposure by the public or the contractor's personnel.

The contractor may excavate up to, but shall not disturb known hazardous materials such as asbestos, oils, acid, etc. The removal of all hazardous materials must be done by an approved or certified hazardous materials contractor licensed by the state.

A copy of all correspondence pertinent to the removal of the hazardous materials shall be transmitted to the owner and a copy shall be available at the project office and the job site.

### AERIAL NOTES

- Aerial construction to be performed to industry acceptable standards.
- X All height of cable placement will be recorded at the time of construction. Document all points of attachment
- X S.E.M. strand will be with standard 3/8" hardware.
- X All extension arms will be epoxy arms unless otherwise noted or approved by the inspector.
- X Bond strand to power MGR where applicable. Anchors to be used will be 1/2" screw in type.
- X All straps will be placed 4" before and after every supporting clamp at minimum of 21' apart.
- X P.O.A = Point of Attachment
- X Add missing grounds
- X Repair/Replace existing lashing wire if damaged

### CONSTRUCTION STAKES

In areas where the conduit alignment is not clearly defined by the curb lines, fence lines, or other evidence of the right-of-way, the engineer will provide centerline stakes or point marks where required to make the proposed conduit alignment evident.

Close identified in the plans shall be located by the contractor. Deviation from plan layout shall be approved by the engineer prior to conduit and/or enclosure installation.

Manhole centers will be field staked by the engineer when requested with offset staked at right angles to the conduit alignment.

If additional field staking of location of conduit, manholes, property lines, etc. becomes necessary, the contractor is to notify the inspector or the engineer two days prior to the beginning of the work.

### PERMITS-FRANCHISES-EASEMENTS

Physical work shall not be started until the governing agency inspector and the contractor are in possession of and have carefully reviewed and fully understand all conditions and specifications set forth in the required permit, franchises and/or easements.

Placing foreman to have a copy of the permits, easements on site at all times.

Any conflict between work print specifications and specifications set forth under related permits, franchises, and/or easements must be cleared by proper company authority before progressing with work involved.

### TRAFFIC CONTROL

Any project involving work along a major arterial road and/or heavy traffic volume should be anticipated.

Uniform traffic flow shall be maintained at all times. Only equipment and materials necessary for immediately scheduled or in progress will be maintained in the work area. All other equipment and material will be "stored or stockpiled" in such a manner as to eliminate hazardous conditions for traffic or pedestrians during non-working or shut down period.

Traffic warning devices and signs shall conform to the manual on uniform traffic devices for streets and highways (US Government Printing Office) and to the state highway division standards specifications for highway construction. High level warning type devices are to be used of times and special warning devices may be stipulated by the jurisdictional permit agency at any time he use will add to the safety and protection of traffic or pedestrian in the construction area.

All conduit BUREDD in paved areas shall be backfilled with crushed gravel or completely covered at the completion of each working day. Any backfilled BUREDD shall be topped with a minimum layer of asphalt or concrete cold patch at the end of each working day.

The contractor shall mark the conduit BUREDD and define their construction area clearly with barricades, cones, and/or other visible methods that alert the public of the construction activity.

A traffic control plan shall be prepared by the contractor as required and submitted to each permitting agency requesting such plan for review and approval or revision prior to commencing any construction activity for this project. The approved plan shall be submitted to the agency and a copy of the plan shall be kept at the construction site and must be available for review by agency representatives.

### SPECIAL UTILITY CLEARANCE

All work conducted adjacent water mains shall conform to the following conditions.

- A. Whenever possible conduit shall maintain a horizontal separation of 3', measured surface (outside edge to outside edge) from parallel water mains.
- B. Whenever possible conduit shall pass under existing water mains and must maintain 12" vertical separation.
- C. The contractor shall be responsible for establishing and maintaining this required vertical separation by either exposing the water main every 100 feet in these areas where horizontal separation is less than 3 feet or by utilizing the depths of adjacent water valves. If the contractor utilizes the adjacent water line to determine water main depth, they shall contact the agency of each such location and the agency will determine the necessary depth of the top of the conduit at that point.
- D. The vertical and horizontal separation shall be maintained at all times unless specifically revised by agreement between the jurisdictional permit agency and the agency. Any specific deviation in the vertical and horizontal separation from those described shall be reported to the owner by the contractor. The contractor shall be responsible for maintaining vertical and horizontal separation at all times and shall be responsible for any and all encroachments.
- E. Clearances to storm sewer and sanitation sewers shall be exactly the same as those to water mains.

### STRUCTURE PROTECTION

Manholes and conduit to be placed adjacent to existing structures such as bridges, bridge footings/piers, foundations, walls, power and telephone poles, and other utilities shall maintain a minimum clearance as shown. The contractor shall not undermine any adjacent structure without specific written permission from the owner/operator of such structure.

Shoring used as foundation support shall be designed specifically for both the live and dead loads off the structure or if only the dead is used for design. The contractor shall provide a detailed layout and plan of the method of establishing and maintaining the design load condition (i.e. road detours, Hebacks, etc.).

See utility clearance section notes for the clearance criteria to parallel or cross utilities.

Existing utilities exposed during excavation shall be 100% supported by either BUREDD bridging and suspension or by the use of longitudinal trays or platforms vertically supported by adjustable building jacks.

Existing splice cases and cable supported by suspension from a cross beam. Supports shall be placed at a maximum spacing of 4 feet and shall consist of a canvas sling with nylon belting or rope. All cable support shall be placed in a manner that prevents kinks or other damage to the cable sheath.

An acceptable alternative to cable slings would be the utilization of a wide flange "T" beam or channel as a "cable tray" with cables/cases bonded in place.

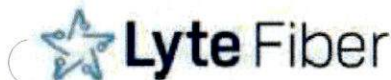
### SHORING

The contractor shall provide shoring for conduit BUREDD excavation 60" or more in depth as measured from the high side of the BUREDD and for all manhole excavation.

Manhole shoring shall be light-sheathed.

All shoring shall conform to the standards and specifications of local party and the occupational safety health administration.

The contractor shall provide all shoring and design calculations to the permit issuing agency prior to commencing any construction activity.



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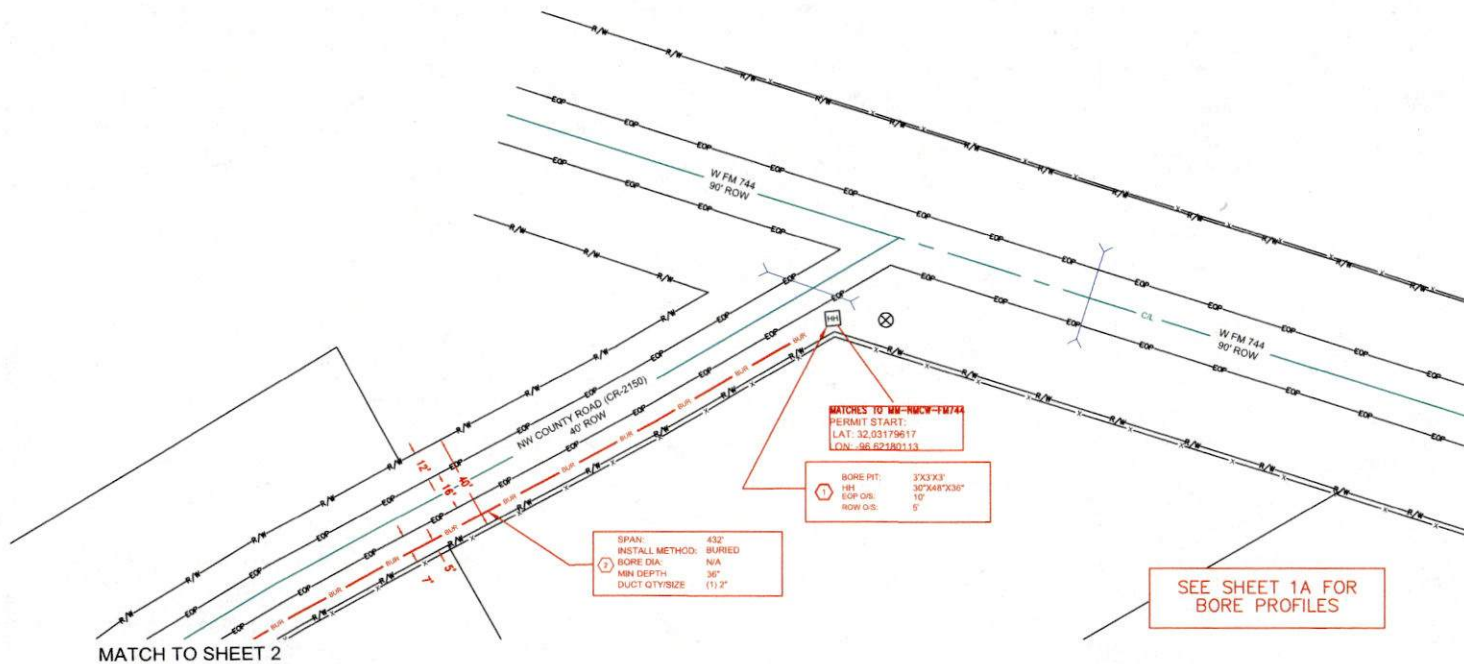
Project ID	MM-NMCW-CountyPermit1 (Navarro County)		
Engineered By	MASTEC TECHNICAL SERVICES		
Project name	NAVARRO MILLS TO CORSICANA WEST		
TYPE	FEEDER		
Permit #	1	Date Created	10/16/25
Rev #		Rev Date	
SHEET: C4 OF C4			

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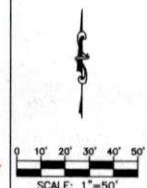
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SHEET: 1 OF 22			

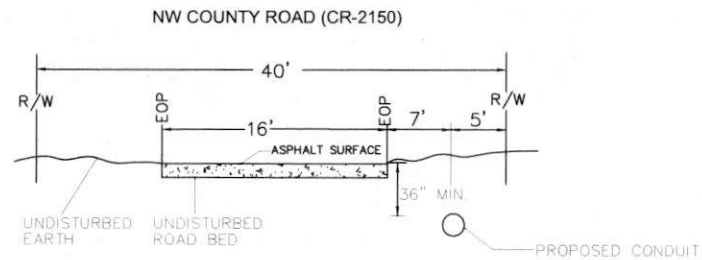
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# PARALLEL CONDUIT DETAIL FOR COUNTY RIGHT OF WAY



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Engineered By		MASTEC TECHNICAL SERVICES	
Project name		NAVARRO MILLS TO CORSICANA WEST	
TYPE		FEEDER	
Permit #	1	Date Created	10/16/25
Rev #		Rev Date	
SHEET: 1A		OF 40	

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NAVARRO COUNTY ROAD AND BRIDGE DEPARTMENT

NAVARRO COUNTY COURTHOUSE

300 W. 3<sup>RD</sup> AVE.

CORSICANA, TEXAS 75110

APPROVAL FORM FOR RIGHT-OF-WAY CONSTRUCTION (UTILITY)

Date: 11/03/2025

Applicant: Mastec (on behalf of Lyte Fiber, LLC)

Address: 1287 North Post Oak Rd, Suite 150, Houston, TX 77055

Phone #: 832-919-6469

Type of utility construction requested: (pipeline and product, cable and type, utility and type:

Fiber-Optic Cable

Name of Utility Company: Lyte Fiber, LLC

Location of Utility Construction: (location map must be attached) see attached map(s)

Attach location map or drawing, description of proposed utility line and appurtenances fully shown with distance of utility lines being replaced or installed in relationship with County Roads. Show on map or drawing the location of any road bore, length of bore and size of encasement that the utility line will be passing through.

Estimated start date of construction: November 25, 2025

Estimated completion date of construction: December 31, 2026



County of Navarro

Specifications for placing utilities within Navarro County Right-Of-Way

1. In the event it becomes necessary to alter or relocate the utility for which permission is sought, due to widening or improving the county road within the existing road easement or right-of-way at the point or along the route of said utility construction, Navarro County will notify, in writing, the applicant or its successor of the county road widening and/or improvements. Within 45 days after receiving notice, the applicant or its successor will perform the alteration or relocation at its own cost and expense, and said company will save and hold harmless Navarro County from any claims, or causes of action due to any claims for damages or injuries sustained by any person or property occasioned by its operation under this permit.
2. All road crossings will be bored unless a variance is granted.
3. All road crossings will be at a minimum depth of 60" below the lowest existing grade.
4. All parallel utility construction will be a minimum depth of 36" below existing road grade.
5. All right-of-way disturbed by the utility construction will be secured daily during active construction and fully restored, within a reasonable time, to a condition that is as good or better than before construction.
6. In the event construction is delayed or halted by adverse weather conditions, labor stoppages or mechanical difficulties, the company will ensure that all ditches are cleaned and will drain as good or better than before construction.
7. The County Commissioner of said Precinct may require the applicant to file a bond for road repairs and damage repairs in the amount the Commissioner determines to cover damage costs for said job. Upon completion of construction at a road crossing or parallel construction in the Right-of-way, contractor will notify the Commissioner so an inspection can be made.
8. The applicant in consideration of the approval of this request by the Navarro County Commissioners Court does hereby agree, upon completion of the placement of the utilities as set forth in this request, to return the county road, its right-of-way and any improvements or additions to a condition which, in the opinion of the County Commissioner, equals or exceeds the condition in which said county road or right-of-way prior to the time construction started.
9. The applicant shall indemnify, defend, and hold Navarro County harmless from any obligation or claim for damages that may be alleged or any costs or expenses, including but not limited to, reasonable attorneys' fees arising from the applicant's placement of the utility in the right-of-way which Navarro County may incur, or any claims Navarro County may be legally required to pay resulting from damages caused by the applicant's installation contemplated by this agreement. In the event the applicant does not provide timely locates per Texas 811, the applicant shall indemnify, defend, and hold Navarro County harmless at any future date for accidental damages to the above ground and/or buried utilities by road working equipment such as motor graders, posthole diggers, shredders, brush cutters, drainage ditch clearing equipment, etc. In the event such damages should occur, the applicant will be notified immediately.

The undersigned agrees that he has read and will abide by all requirements set forth in this form.

Signature of Applicant: J.D. Hernandez

Date: 10/20/2025

NAVARRO COUNTY

By: [Signature]  
County Judge

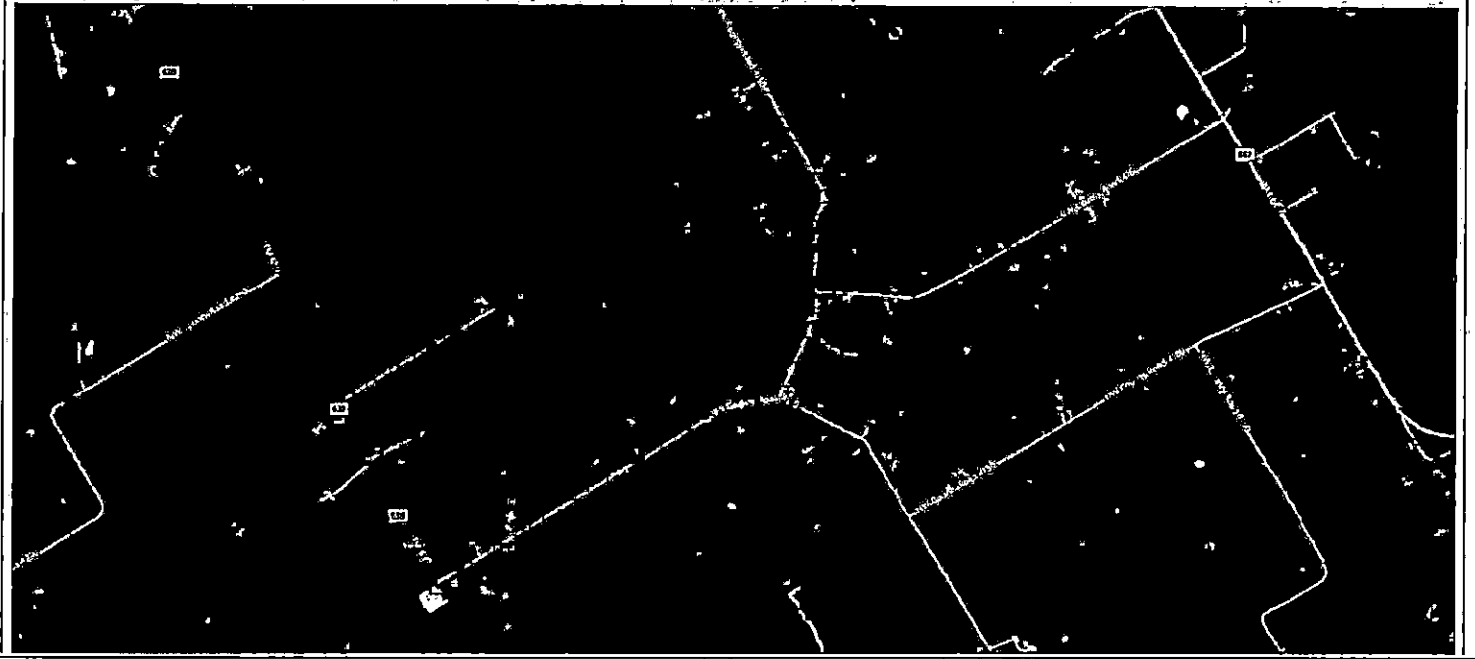
Date: 11-24-25

By: [Signature]  
Commissioner of Precinct 4

Date: 11/24/26

NW 4250

OVERVIEW MAP

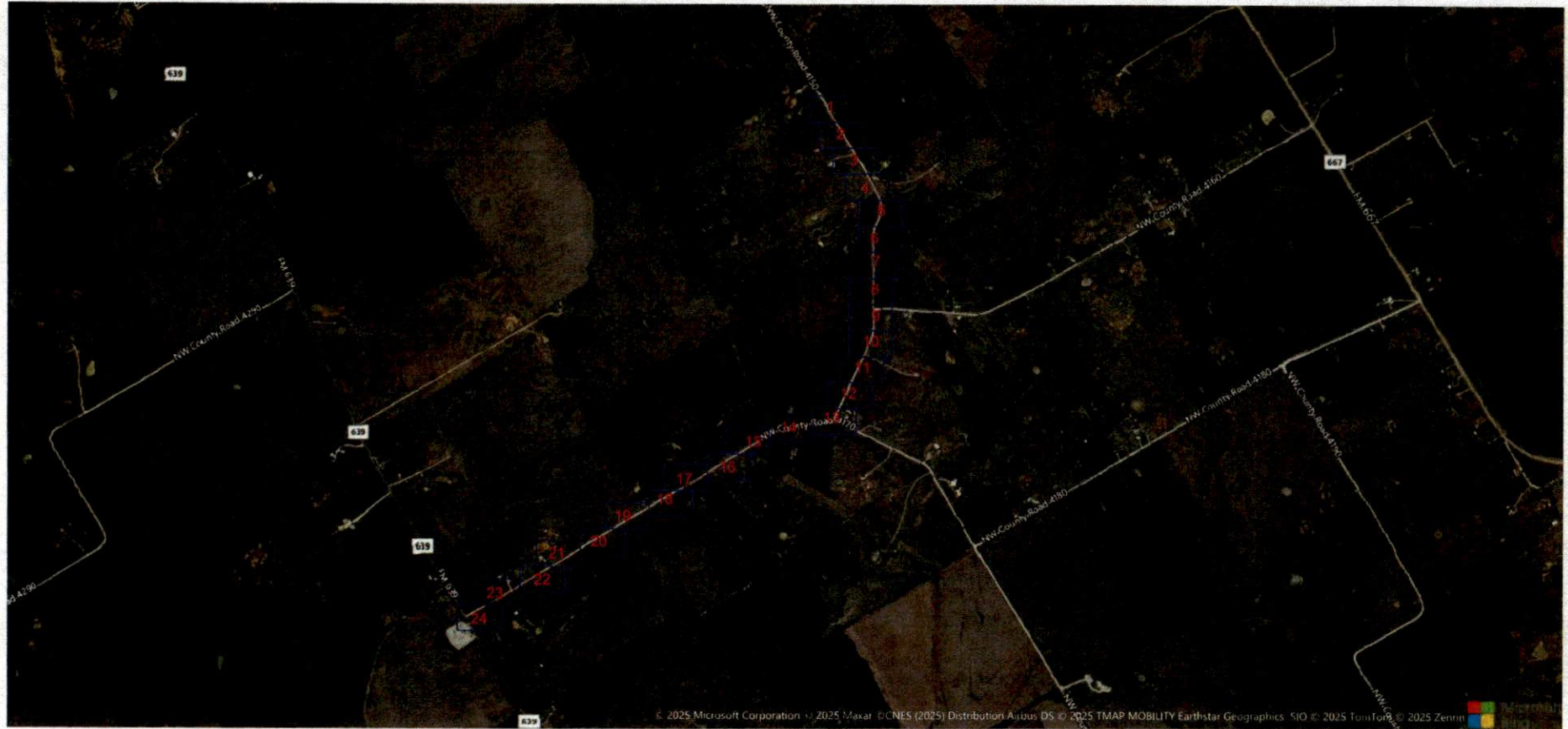






**FIBER OPTIC BUILD  
PROJECT #: MM-NMF-COUNTY PERMIT2**

# OVERVIEW MAP



ALL BURIED FIBER CABLES PLACED ON THIS PROJECT WILL BE BORED @ 36" DEEP FOR PARALLEL, 60" DEEP FOR CROSSINGS, AND PLACED IN INNERDUCT UNLESS SPECIFICALLY NOTED OTHERWISE

6615 NW C R 4150, Frost, TX 76641, USA

Project ID		MM-NMF-COUNTY PERMIT2	
Engineered By		MASTEC TECHNICAL SERVICES	
Project name		NAVARRO MILLS-FROST	
TYPE		FEEDER	
Permit #	1	Date Created	10/10/25
Rev #		Rev Date	
SHEET: C2 OF C4			
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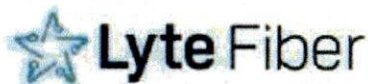
# DRAFTING STANDARD SYMBOLOGY

	JUNCTION BOX		HANDHOLE - EXISTING		HANDHOLE - PROPOSED 13"x24"x18" - T22
	ELECTRIC VAULT		HANDHOLE - PROPOSED 12"x12"x12" - T22		HANDHOLE - PROPOSED 17"x30"x24" - T22
	GROUND TRANSFORMER		HANDHOLE - PROPOSED 30"x48"x36" - T22		HANDHOLE - PROPOSED 14"x19"x12" - T22
	AERIAL TRANSFORMER		UTILITY POLE - EXISTING		9" ROUND FLOWER POT - PROPOSED - T22
	ELECTRIC HANDHOLE		POLE ANCHOR/DOWN GUY - EXISTING		BORE PIT - PROPOSED
	ELECTRIC MANHOLE		POLE ANCHOR/DOWN GUY - PROPOSED		
	POWER PED EXISTING		PROPOSED DOWN GUY ON EXISTING ANCHOR		
	POWER PED NEW				
	WATER METER		STRUCTURE CALLOUT - PROPOSED		
	WATER VALVE (FLUSH)		PATH CALLOUT - PROPOSED		
	FIRE HYDRANT				
	TREE				
	STORM DRAIN MANHOLE				
	SEWER MANHOLE				
	TEL PEDESTAL NEW				
	TRAFFIC ARROWS				
	CULVERT				
	WING WALL				
	CABINET - PROPOSED				



# LINE LEGEND

	BURIED PATH - PROPOSED
	AERIAL FIBER ROUTE - EXISTING
	AERIAL FIBER ROUTE - PROPOSED
	GAS
	WATER
	TELEPHONE
	ELECTRIC
	SANITARY SEWER (SEW)
	STORM DRAIN
	FENCE
	CABLE TV
	STEAM
	OIL
	UNKNOWN UTILITY
	RIGHT OF WAY
	EDGE OF PAVEMENT
	ROAD DASHED (YELLOW) LINES
	RIVER/CREEK CHANNEL
	MEDIAN
	BACK OF CURB
	CENTERLINES
	TOP OF SLOPE
	BOTTOM OF SLOPE
	DITCHLINE
	PROPERTY LINE
	PUE
	RAILROAD
	GUARD RAIL



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Engineered By	MASTEC TECHNICAL SERVICES		
Project name	NAVARRO MILLS-FROST		
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SHEET: C3 OF C4			

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6615

PROPOSED CHANNEL  
PERMIT STARTS:  
LAT: 32.04183211  
ON: -96.73483250

BORE PIT: 3'X3'X3'  
181 EOP OS: 30'X48'X36"  
ROW OS: 0'

BORE PIT: 3'X3'X3'  
181 EOP OS: 30'X48'X36"  
ROW OS: 0'

SEE SHEET 1A FOR  
BORE PROFILES

CABINET SPECS  
ON FOLLOWING  
SHEET

SPAN: 551'  
INSTALL METHOD: BURIED  
BORE DIA: N/A  
MIN DEPTH: 36"  
DUCT QTY/SIZE: (1) 2"

2647

NW COUNTY RD (CR-4150)  
40' ROW

MATCH TO SHEET 2



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ON THIS PROJECT WILL BE BURIED @  
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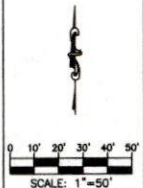
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Permit #	1	Date Created	10/10/25
Rev #		Rev Date	
SHEET: 1		OF 24	

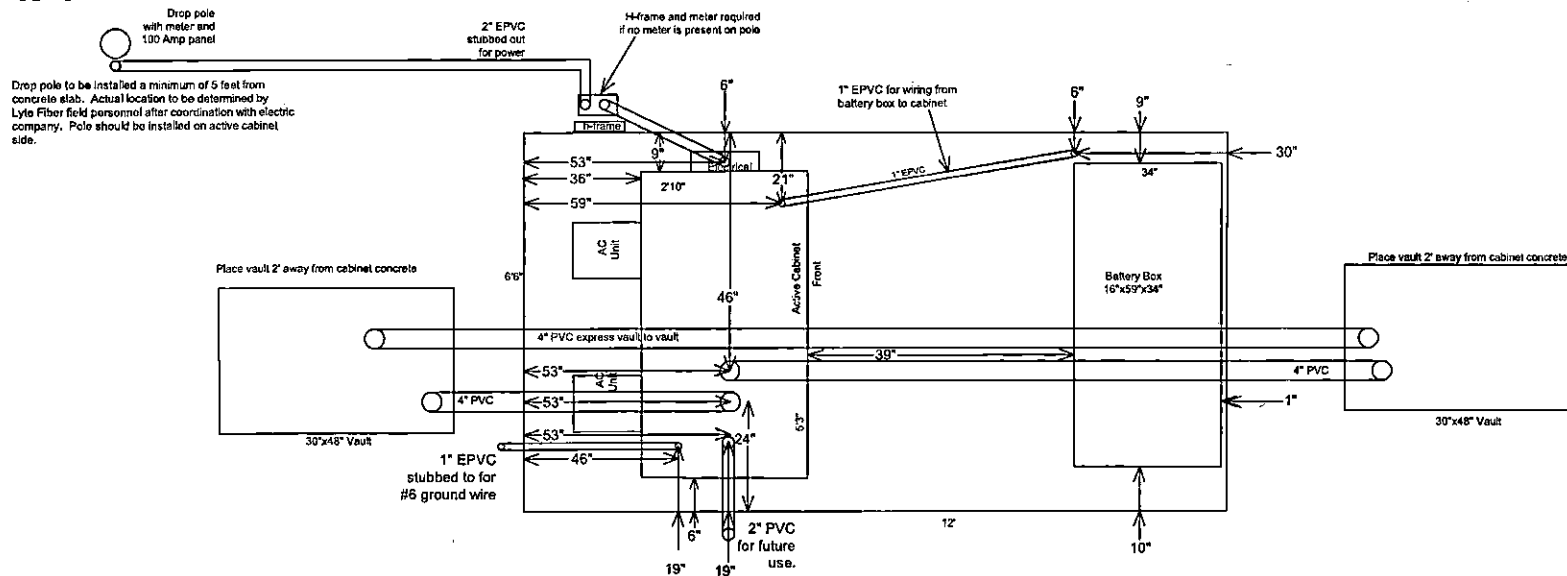
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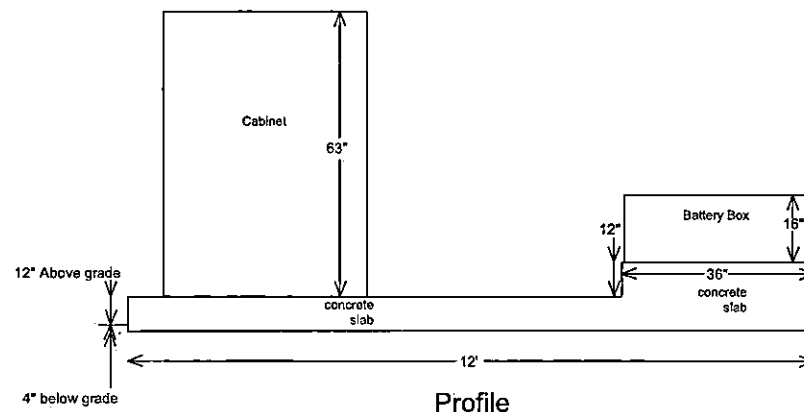
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This side faces the street









Kim Southard <[ksouthard@navarrocounty.org](mailto:ksouthard@navarrocounty.org)>

---

## 11/21: Update Cabinet Specs - Lyte Fiber, LLC

---

Lindsay DiChiara <[Lindsay.Short@byers.com](mailto:Lindsay.Short@byers.com)>

Fri, Nov 21, 2025 at 10:12 AM

To: Kim Southard <[ksouthard@navarrocounty.org](mailto:ksouthard@navarrocounty.org)>, "dbrewer@navarrocounty.org" <[dbrewer@navarrocounty.org](mailto:dbrewer@navarrocounty.org)>

Cc: Kenneth Price <[Kenneth.Price@mastec.com](mailto:Kenneth.Price@mastec.com)>, John Hernandez <[john.hernandez@lytefiber.com](mailto:john.hernandez@lytefiber.com)>, "Justin Ledford (Michael)" <[Justin.Ledford@byers.com](mailto:Justin.Ledford@byers.com)>

Good morning Kim and David,

Please see the attached **updated cabinet specs** we discussed on Wednesday. Thank you for working with us on this. Let me know if anything else is needed, hope you both have a great weekend!



Thank you,  
Lindsay Short DiChiara  
Project Management Officer  
Byers Engineering Company – A MasTec Company  
C: (813) 317.6893  
[Lindsay.Short@Byers.com](mailto:Lindsay.Short@Byers.com) | [www.MasTec.com](http://www.MasTec.com)

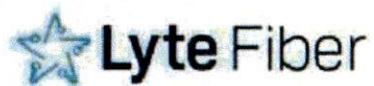
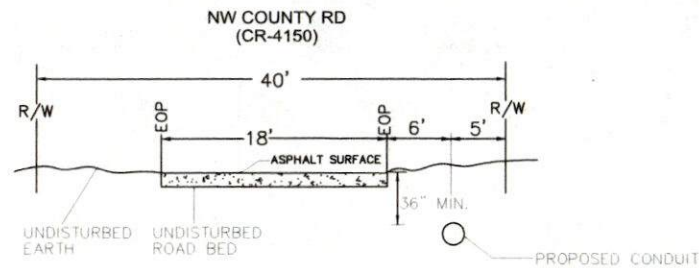


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**Cabinet Pad w battery1.pdf**  
107K



# PARALLEL CONDUIT DETAIL FOR COUNTY RIGHT OF WAY



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Project ID		MM-NMF-COUNTY PERMIT2	
Engineered By		MASTEC TECHNICAL SERVICES	
Project name		NAVARRO MILLS-FROST	
TYPE		FEEDER	
Permit #	1	Date Created	10/10/25
Rev #		Rev Date	
SHEET: 1A OF 24			

ALL CONSTRUCTION IS PROPOSED WHEN OBJECTS ARE ENCOUNTERED THAT WILL INTERFERE WITH THE EXISTING INFRASTRUCTURE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR



CONFIDENTIAL/PROPRIETARY