

NOTICE OF PROPOSED INSTALLATION  
PIPE AND/OR UTILITY LINES

TO: UPSHUR COUNTY COMMISSIONERS COURT  
c/o UPSHUR COUNTY ENGINEER  
UPSHUR COUNTY ROAD & BRIDGE DEPARTMENT  
P. O. BOX 730  
Gilmer, TX 75644

DATE:

EXPIRES: \_\_\_\_\_

Charter-Spectrum 1-2" HDPE conduits  
Formal notice is hereby given that \_\_\_\_\_ proposes to bore a \_\_\_\_\_ line within the right-of-way of County Road \_\_\_\_\_ as follows:

Charter Communications proposes to install fiber optic cable along county roads Seagull Rd, Turkey Rd, Michel Rd & N White Oak Rod.

The location and description of the proposed line and appurtenances is more fully shown by three copies of drawings attached to this notice. The line will be constructed and maintained on the County right-of-way as directed by the County Engineer in accordance with current Upshur County specifications.

Construction of this line will begin on or after the 20 day of January, 20 25 and will be completed within 90 days of the date of approval.

Firm Charter Spectrum  
By Gabriel Morales  
Title Utility Specialist  
Address 6060 N Central Expressway,  
Dallas, TX 75206

- NOTE: 1. This form to be submitted in triplicate for each proposed installation.  
2. The permit shall be in effect until the utility line is removed from the right of way.  
3. Inform the County Engineer if work is not completed within this time.

APPROVAL

TO: Charter-Spectrum  
6060 N Central Expwy, Suite 400  
Dallas, TX 75206

DATE March 7, 2025

The Upshur County Commissioners Court offers no objections to the location on the right-of-way of your proposed 1-2" HDPE conduit line across Seagull, Turkey, N White Oak Road as shown by accompanying drawings and notice dated January 20, 2025, except as noted below:

N/A

It is expressly understood that the Upshur County Commissioners Court does not purport, hereby, to grant and right, claim, title, or easement in or upon this county road; and it is further understood that in the future should for any reason Upshur County need to work, improve, relocate, widen, increase add to or any manner change the structure of this right-of-way line, this line, if affected, will be moved under the direction of the Upshur County Engineer and shall be relocated at the complete expense of the owner. Upshur County shall be notified a minimum of 48 hours prior to the beginning of any work.

All work on the county right-of-way shall be performed in accordance with the County Engineer's instructions. The installation shall not damage any part of the highway and adequate provisions must be made to cause minimum inconvenience to traffic and adjacent property owners. Special specifications for placing this line are as follows:

1. All ground lines are to be installed a minimum of 36 inches below the flowline of the adjacent drainage or borrow ditch.
2. All excavations within the right-of-way and not under surfacing shall be backfilled by tamping in 6 inch horizontal layers. All surplus material shall be removed from the right-of-way and the excavation finished flush with surrounding natural ground.
3. Lines crossing under surfaced roads and under surfaced cross roads within the right-of-way shall be placed by boring. Boring shall extend from crown line to crown line.
4. All lines under roads carrying pressure in excess of 50 psi shall be enclosed in satisfactory casing extending from right-of-way line to right-of-way line. Pipe used for casing may be of any type approved by the County Engineer and shall be capable of Supporting the load of roadbed and traffic and shall be so constructed that there will be no leakage of any matter through the casing for its entire length. Inside diameter of casing shall be at least 2 inches greater than the largest outside diameter of carrier pipe, joint or couplings. (Encasement is not required on lines installed 48 inches or greater below flowline.)
5. All lines, where practicable, shall be located to cross roadbed at approximately right angles thereto. No lines are to be installed under or within 50 feet of either end of a bridge unless approved by the County Engineer in writing. No lines shall be placed inside any culvert or within 10 feet of the closest point of same.
6. Parallel lines will be installed as near the right-of-way lines as is possible and no parallel line will be installed in the roadbed or between the drainage ditch and roadbed unless approved by the County Engineer in writing.
7. Overhead lines will have a minimum clearance of 18 feet above the road surface at point of crossing.
8. Operations along roadways shall be performed in such a manner that all excavated material be kept off the pavements at all times, as well as all operating equipment and materials. Do not use equipment or installation procedures which will damage any road surface or structure. The cost of any repairs to road surfaces, roadbed, structures or other right-of-way features as direct result of this installation will be borne by the owner of this line.
9. Barricades, warning signs, lights and flagmen, when necessary, shall be provided by the contractor or owner. One half of the traveled portion of the road must be open to traffic at all times. All traffic control shall be in accordance with the requirements of the current version of the Texas MUTCD.
10. Utility company shall install adequate erosion control measures for any excavation work being performed.

APPROVED: \_\_\_\_\_

Road Administrator

APPROVED: \_\_\_\_\_

Chairperson, Upshur County Commissioners Court  
Revised 11/30/10

**SHEET INDEX**

1. COVER SHEET
2. GENERAL NOTES
- 3-16. CDP PLAN

# Spectrum

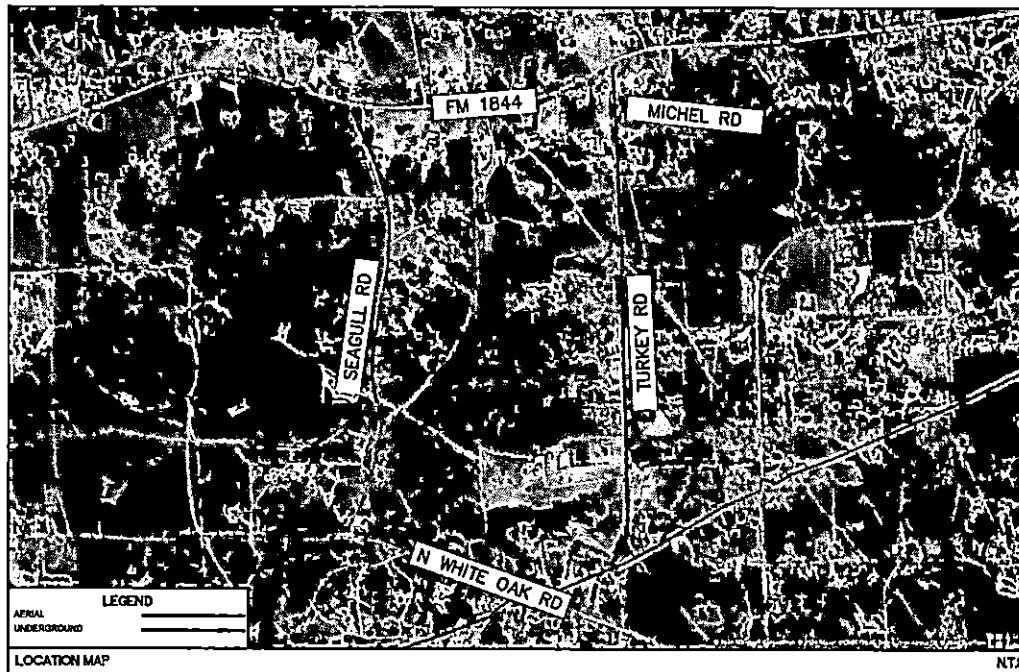
## RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E (4470166)

GLADEWATER, TX 75647  
UPSHUR COUNTY  
JANUARY 03, 2025

**SCOPE OF WORK**

CHARTER COMMUNICATIONS PROPOSES TO INSTALL FIBER OPTIC CABLE ALONG COUNTY ROADS SEAGULL RD, TURKEY RD, MICHEL RD & N WHITE OAK RD.

DESCRIPTION	UNITE	QUANTITY
DIRECTIONAL BORE	LF	10956
TRENCH	LF	
PULL EXISTING CONDUIT		
BORE PITS	EA	
NEW VAULTS	EA	27
NEW PEDESTALS	EA	
POWER SUPPLY	EA	
AERIAL RISER	EA	
NEW STRAND	LF	4526
ANCHORS	EA	
NEW POLES	EA	
EXISTING POLES	EA	30
TOTAL PROJECT FOOTAGE	LF	15482

**PROJECT INFORMATION**

CONTACT: CHARTER-SPECTRUM  
CONTACT: GLENN VALENTINE  
PHONE: (214) 600-7559  
EMAIL: Glenn.Valentine@charter.com

CONTACT:  
KEN BAILEY, SR. PROJECT MANAGER  
LJA ENGINEERING, INC.  
2150 S CENTRAL EXPY, SUITE 300  
MCKINNEY, TX 75070  
KBAILEY@LJA.COM  
214-624-2800

**SUBMITTAL PREPARED BY**

**LJA**  
LJA TELECOM

6000 N. Central Expressway, Suite 400  
Dallas, TX 75208  
408-482-4710  
TXS FIRM REGISTRATION: F-1308

CONTACT:  
STUART CONELL  
PHONE:  
817-438-4717

SUBMITTED FOR APPROVAL BY  
ENGINEER OF RECORD

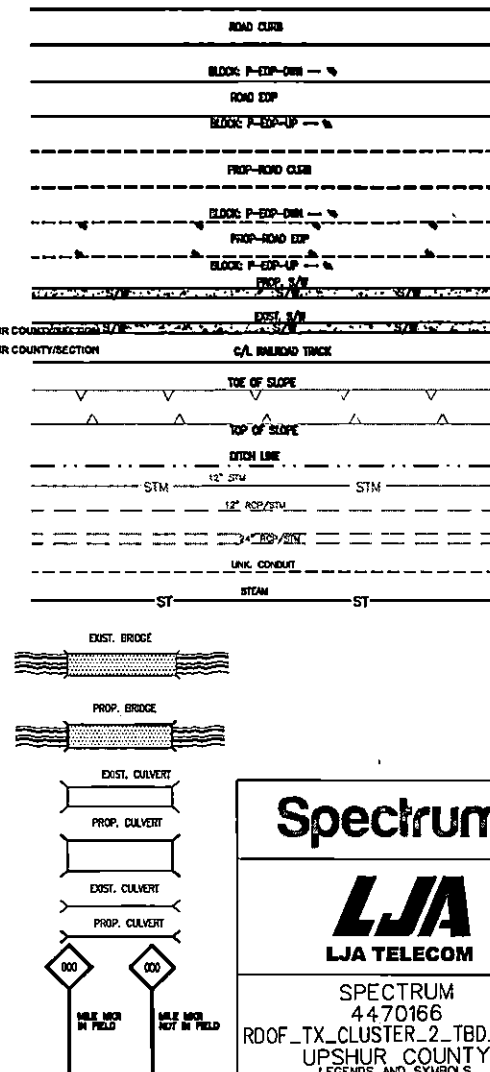
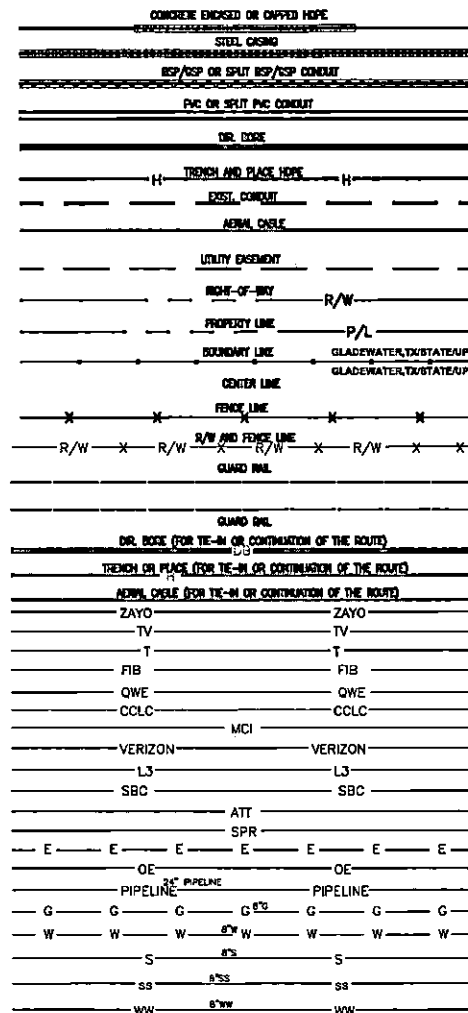
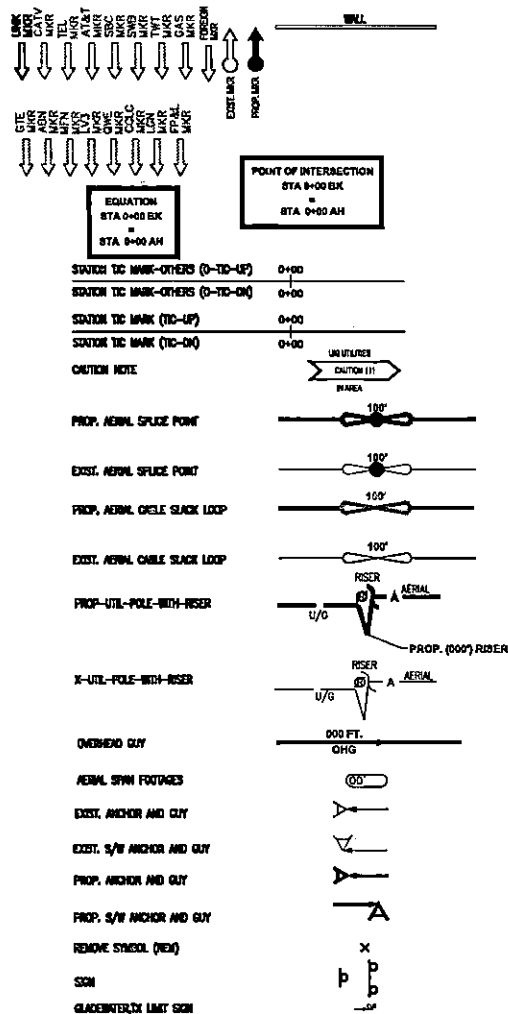
1/3/2025  
DATE

NOTE:  
THE RIGHT-OF-WAY (ROW) SHOWN ON THESE PLANS IS BASED ON PUBLICLY AVAILABLE INFORMATION AND IS NOT EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR ENSURING THAT ALL FACILITIES ARE CONSTRUCTED WITHIN THE ROW OR IN A COMMUNICATION BASEMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE OWNER PRIOR TO CONSTRUCTION IF THERE ARE ANY CONCERNS REGARDING THE ROW.

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND APPROPRIATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR.

**811**  
Know what's below.  
Call before you dig.

### LEGEND AND SYMBOLS



**Spectrum**

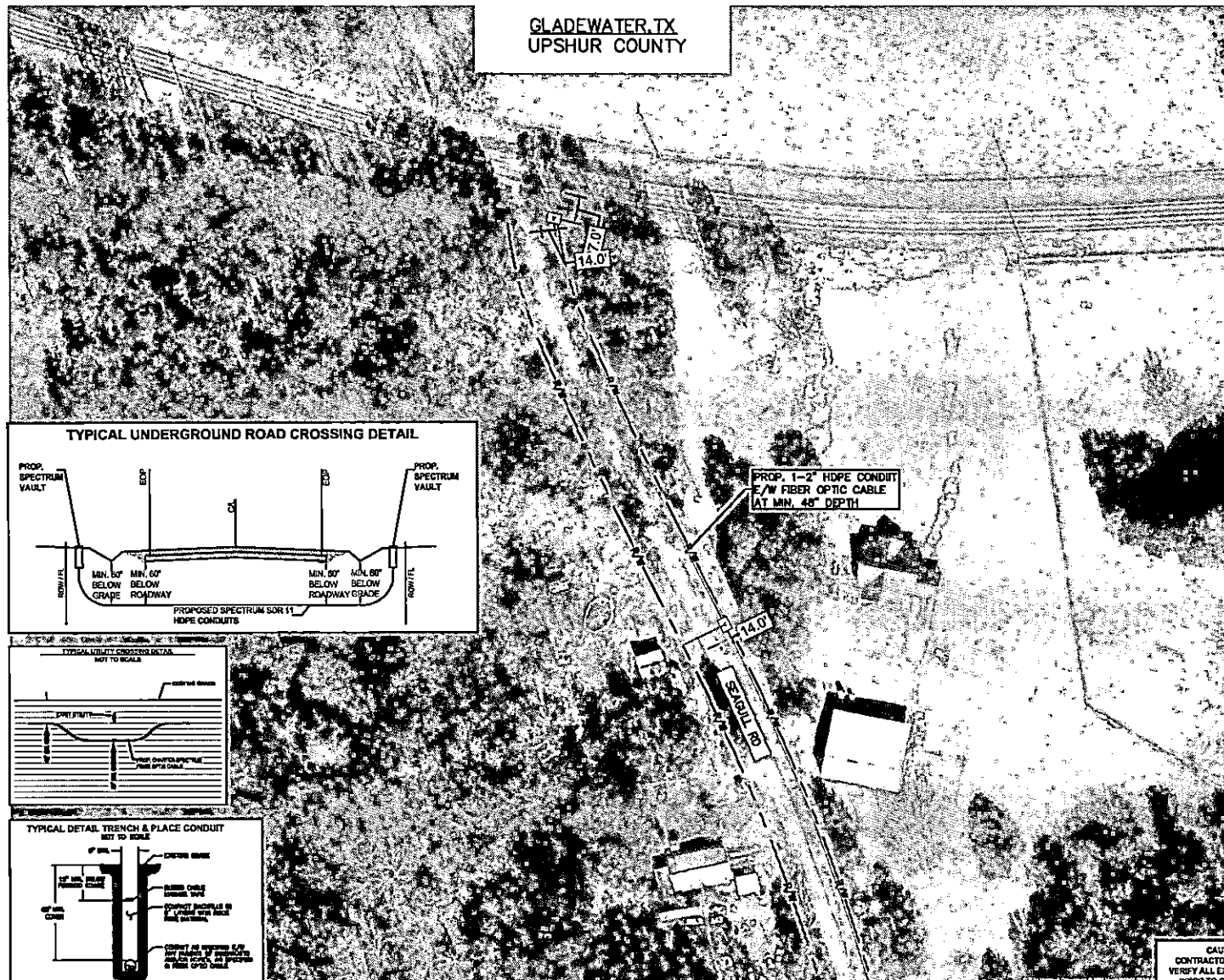
**LJA**  
**LJA TELECOM**

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR COUNTY  
LEGENDS AND SYMBOLS

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 2 OF 17
DATE: 1/6/2025	PAGE: 2

01/06/2025 2:22:48 PM 3:00pm V:\ROAD PROJECTS\QUARTER-SPECTRUM\NORTH TEXAS\2024\2025-24-4037 RD07\_TX\_CLUSTER.2\_TBD\_WI97E 4470166\ROAD\UNDERGROUND DESIGN\CD\TX\_CLUSTER.2\_TBD\_WI97E 4470166-UPSHUR COUNTY.dwg gmo

GLADEWATER, TX  
UPSHUR COUNTY



100 0 100 200  
HORIZONTAL SCALE: 1" = 200'

LEGEND

---	PROP. UNDERGROUND
---	PROP. AERIAL
---	EX. ROADWAY
---	EX. R.O.W.
---	FENCE LINE
---	EX. EASEMENT
---	EX. WATER LINE
---	EX. WASTEWATER LINE
---	EX. STORM SEWER
---	EX. DITCH LINE
---	EX. ELECTRIC
---	EX. GAS
---	EX. TELECOM
---	PROP. 24" X 36" X 24" VAULT
---	PROP. 17" X 30" X 24" PED
---	EXISTING POLE
---	POLE W/ RISER
---	PROP. ANCHOR

NOTE:  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC CONTROL AS SET FORTH IN THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.

NOTE:  
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. 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.

CAUTION!!  
EXIST. BURIED FIBER, TELEPHONE, CATV, GAS, ELECTRIC, WATER, SANITARY SEWER & STORM SEWER FACILITIES IN CONSTRUCTION AREA AND HAVE NOT BEEN FIELD LOCATED. CONTRACTOR TO VERIFY EXACT LOCATION AND DEPTH PRIOR TO ANY DIGGING AND/OR BORING.

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Spectrum



SPECTRUM  
4470166  
RD07\_TX\_CLUSTER.2\_TBD\_WI97E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA TELECOM	CHECKED BY: J.
DRAWN BY: CJ	APPROVED BY: KB
PROJECT NO: 2805-24-N137	SHEET: 03 OF 17
DATE: 1/6/2025	PAGE: 03

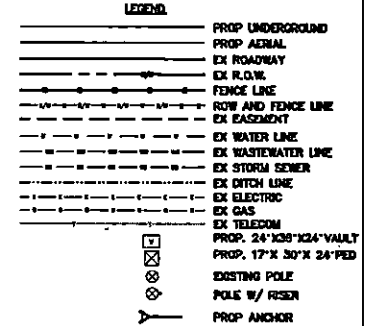
CAUTION!!!  
CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION

MATCHLINE - SEE SHEET 4

PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
AT MIN. 48" DEPTH

[illegible][illegible]

**CAUTION !!!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION**



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**Spectrum**

**LJA**  
**LJA TELECOM**

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR COUNTY

OSP PLAN	
DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 04 OF 17
DATE: 1/6/2025	PAGE: 04

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MATCHLINE - SEE SHEET 4

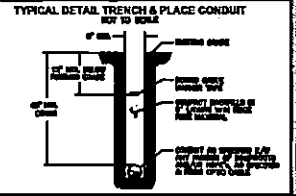
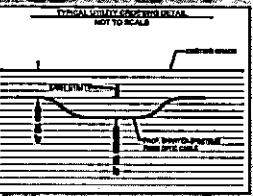
GLADEWATER, TX  
UPSHUR COUNTY

PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
AT MIN. 48" DEPTH

SHOULDER

14.0'

14.0'



100 0 100 200  
HORIZONTAL SCALE: 1" = 200'

LEGEND

---	PROP. UNDERGROUND
---	PROP. AERIAL
---	EX. ROADWAY
---	EX. FLOW
---	FENCE LINE
---	ROW AND FENCE LINE
---	EX. EASEMENT
---	EX. WATER LINE
---	EX. WASTEWATER LINE
---	EX. STORM SEWER
---	EX. DITCH LINE
---	EX. ELECTRIC
---	EX. GAS
---	EX. TELECOM
---	PROP. 24" X 36" X 24" VAULT
---	PROP. 17" X 30" X 24" PED
---	EXISTING POLE
---	POLE W/ RISER
---	PROP. ANCHOR

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Spectrum

LJA  
LJA TELECOM

SPECTRUM  
4470166  
ROOF\_TX\_CLUSTER\_2.TBD\_W197E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA TELECOM	CHECKED BY: J.
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2805-24-N137	SHEET: 05 OF 17
DATE: 1/5/2025	PAGE: 05

CAUTION !!!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION

MATCHLINE - SEE SHEET 6



MATCHLINE - SEE SHEET 5

GLADEWATER, TX  
UPSHUR COUNTY

100 0 100 200  
HORIZONTAL SCALE: 1" = 200'

LEGEND

- PROPOSED UNDERGROUND
- PROPOSED AERIAL
- EXISTING ROADWAY
- EXISTING R.O.W.
- FENCE LINE
- ROW AND FENCE LINE
- EXISTING EASEMENT
- EXISTING WATER LINE
- EXISTING WASTEWATER LINE
- EXISTING STORM SEWER
- EXISTING DITCH LINE
- EXISTING ELECTRIC
- EXISTING GAS
- EXISTING TELECOM
- PROPOSED 24" X 36" X 24" VAULT
- PROPOSED 17" X 30" X 24" PED
- EXISTING POLE
- POLE W/ RISER
- PROPOSED ANCHOR

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Spectrum

**LJA**  
LJA TELECOM

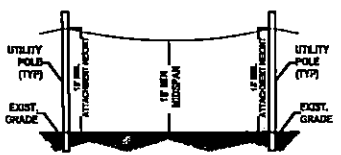
SPECTRUM  
4470166  
RD0F\_TX\_CLUSTER\_2\_TBD\_W197E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 08 OF 17
DATE: 1/8/2025	PAGE: 08

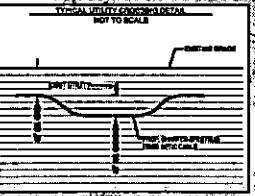
CAUTION!!!  
CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION

MATCHLINE - SEE SHEET 7

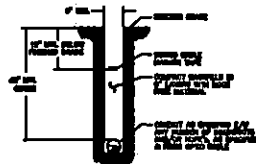
TYPICAL AERIAL PARALLEL DETAIL  
NOT TO SCALE



TYPICAL UNDERGROUND DETAIL  
NOT TO SCALE



TYPICAL DETAIL TRENCH & PLACE CONDUIT  
NOT TO SCALE



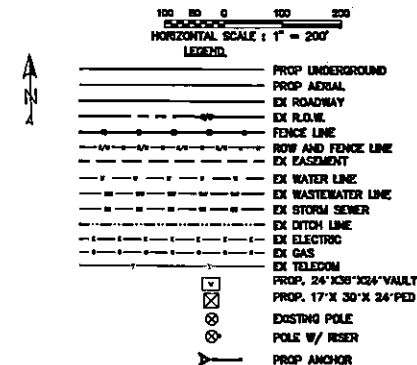
PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
AT MIN. 48" DEPTH

PROPOSED AERIAL FIBER  
OPTIC CABLE



**MATCHLINE - SEE SHEET 6**

GLADEWATER.TX  
UPSHUR COUNTY



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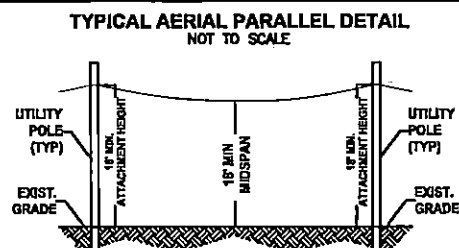
**Spectrum**

**LJA**  
LJA TELECOM

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR COUNTY

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-NUS7	SHEET: 07 OF 17
DATE: 1/8/2025	PAGE: 07

**CAUTION (11)**  
**CONTRACTOR TO LOCATE &**  
**VERIFY ALL EXISTING UTILITIES**  
**PRIOR TO CONSTRUCTION**

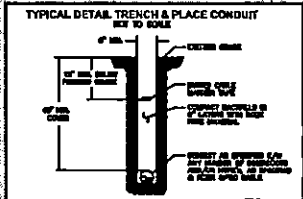
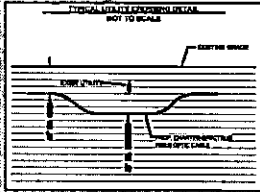


MATCHLINE - SEE SHEET 8

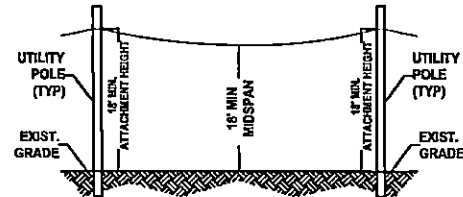
MATCHLINE - SEE SHEET 9

MATCHLINE - SEE SHEET 7

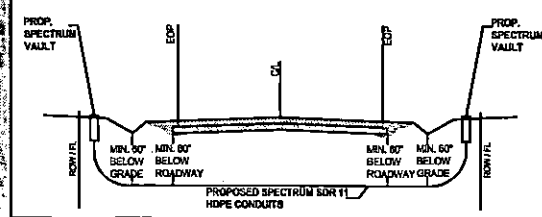
GLADEWATER, TX  
UPSHUR COUNTY



TYPICAL AERIAL PARALLEL DETAIL  
NOT TO SCALE



TYPICAL UNDERGROUND ROAD CROSSING DETAIL



100 0 100 200  
HORIZONTAL SCALE: 1" = 200'

LEGEND

- PROP UNDERGROUND
- PROP AERIAL
- EX ROADWAY
- EX R.O.W.
- FENCE LINE
- ROW AND FENCE LINE
- EX EASEMENT
- EX WATER LINE
- EX WASTEWATER LINE
- EX STORM SEWER
- EX DITCH LINE
- EX ELECTRIC
- EX GAS
- EX TELECOM
- PROP. 24"X36"X24" VAULT
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- EXISTING POLE
- POLE W/ RISER
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CAUTION!!!  
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NOTE: THE RIGHT-OF-WAY (ROW) SHOWN ON THESE PLANS IS BASED ON PUBLICLY AVAILABLE INFORMATION AND IS NOT EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR ENSURING THAT ALL FACILITIES ARE CONSTRUCTED WITHIN THE ROW OR IN A COMMUNICATIONS EASEMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE OWNER PRIOR TO CONSTRUCTION IF THERE ARE ANY CONCERNS REGARDING THE ROW.



Spectrum

LJA  
LJA TELECOM

SPECTRUM  
4470166  
RD0F\_TX\_CLUSTER\_2.TBD\_W197E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: GW	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 08 OF 17
DATE: 1/6/2025	PAGE: 08

MATCHLINE - SEE SHEET 10

CAUTION !!!  
CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION

GLADEWATER, TX  
UPSHUR COUNTY

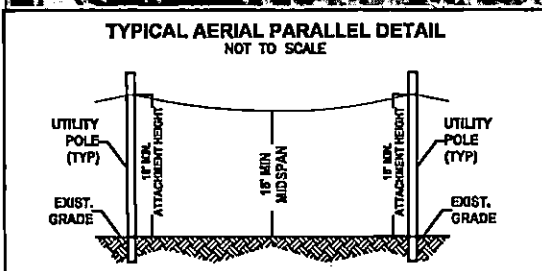
PROPOSED AERIAL FIBER  
OPTIC CABLE

N WHITE OAK RD

**TYPICAL AERIAL PARALLEL DETAIL**  
NOT TO SCALE

UTILITY POLE (TYP)  
18' MIN. ATTACHMENT HEIGHT  
18' MIN. MIDSPAN  
EXIST. GRADE


CAUTION !!!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION



**CAUTION !!!**  
**CONTRACTOR TO LOCATE &**  
**VERIFY ALL EXISTING UTILITIES**



**US\$3.0**


 PROP UNDERGROUND  
 PROP AERIAL  
 EX ROADWAY  
 EX RAILROAD  
 FENCE LINE  
 ROW AND FENCE LINE  
 EX EASEMENT  
 EX WATER LINE  
 EX WASTEWATER LINE  
 EX STORM SEWER  
 EX DITCH LINE  
 EX ELECTRIC  
 EX GAS  
 EX TELECOM  
 PROP. 24" X 36" X 24" VAULT  
 PROP. 17" X 30" X 24" PED  
 EXISTING POLE  
 POLE W/ RISER  
 PROP ANCHOR

**NOTE:**  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC  
CONTROL AS SET FORTH IN THE TEXAS MANUAL ON  
UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND  
HIGHWAYS.

**NOTE:**  
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**CAUTION:**  
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PRIOR TO ANY DIGGING AND/OR BORING.

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**Spectrum**▶

**LJA**  
LJA TELECOM

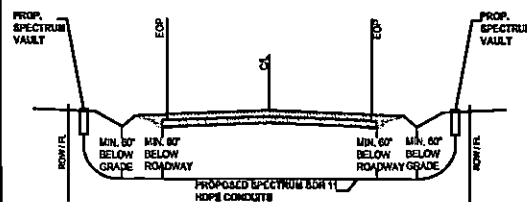
SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR COUNTY

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 08 OF 17
DATE: 1/6/2025	PAGE: 08

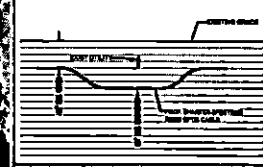


PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
AT MIN. 48" DEPTH

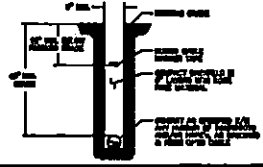
### TYPICAL UNDERGROUND ROAD CROSSING DETAIL



— TYPICAL UNITARY CONNECTIONS —  
NOT TO SCALE



**TYPICAL DETAIL TRENCH & PLACE CONDUIT  
NOT TO SCALE**

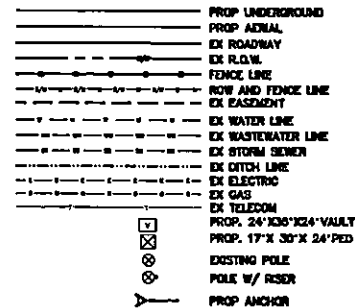


**CAUTION (11)**  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION



**1273.0**

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**NOTE:**  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC  
CONTROL AS SET FORTH IN THE TEXAS MANUAL ON  
UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND  
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**Spectrum**▶

**LJA**  
LJA TELECOM

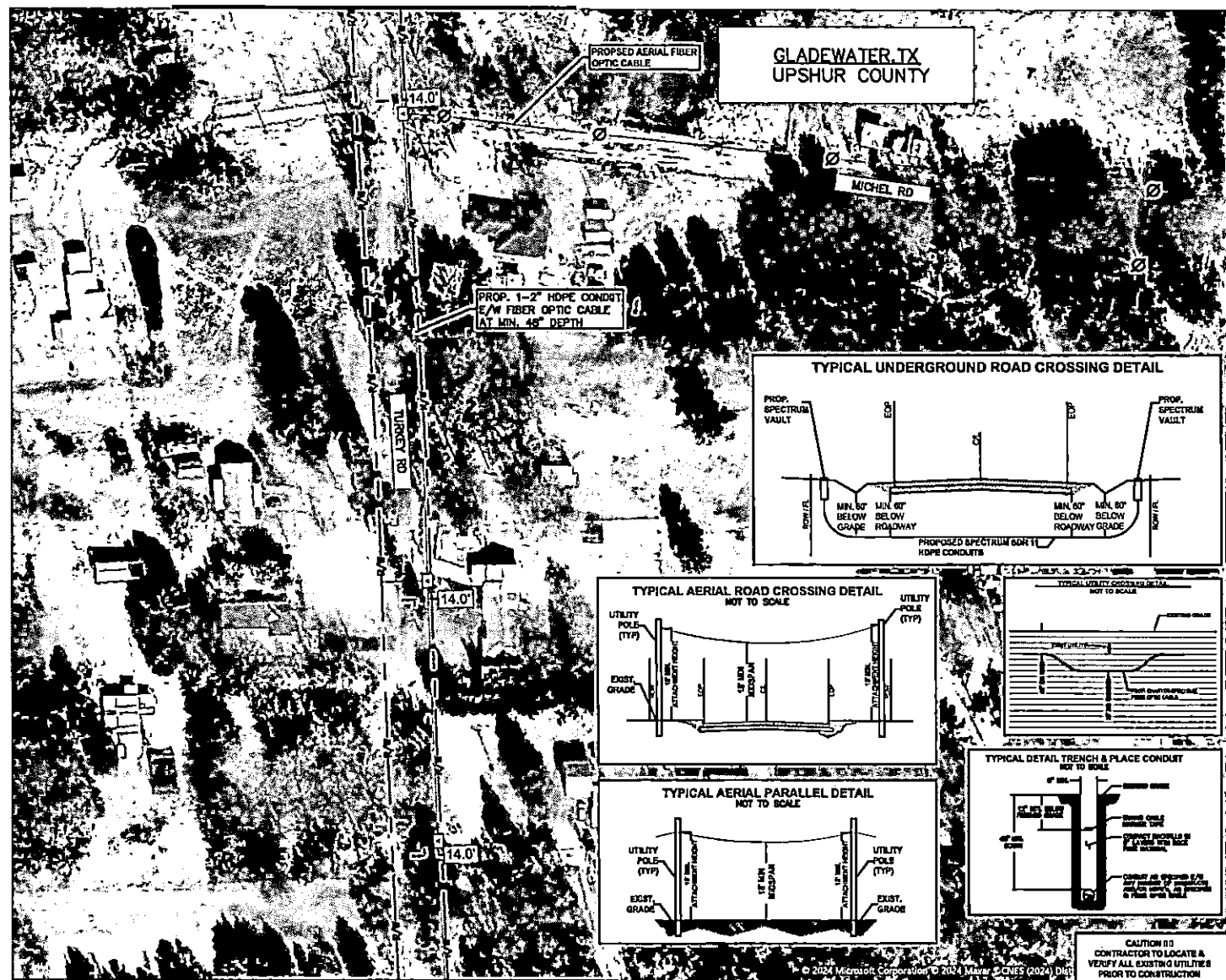
SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR\_COUNTY

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 10 OF 17
DATE: 1/6/2025	PAGE: 10



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MATCHLINE - SEE SHEET 10



MATCHLINE - SEE SHEET 12

GLADEWATER, TX  
UPSHUR COUNTY

MICHEL RD

TURKEY RD

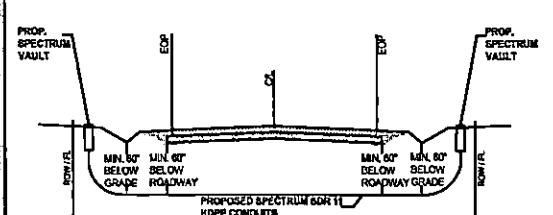
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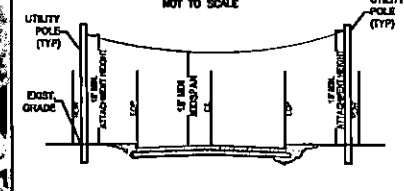
PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
AT MIN. 48" DEPTH

PROPOSED AERIAL FIBER  
OPTIC CABLE

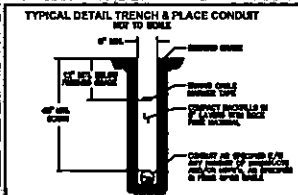
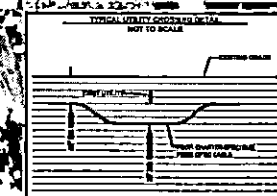
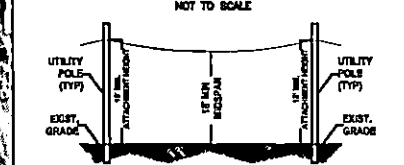
TYPICAL UNDERGROUND ROAD CROSSING DETAIL



TYPICAL AERIAL ROAD CROSSING DETAIL  
NOT TO SCALE



TYPICAL AERIAL PARALLEL DETAIL  
NOT TO SCALE



CAUTION !!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION

100 0 100 200  
HORIZONTAL SCALE 1" = 200'

LEGEND

- PROP UNDERGROUND
- PROP AERIAL
- EX ROADWAY
- EX R.O.W.
- FENCE LINE
- ROW AND FENCE LINE
- EX EASEMENT
- EX WATER LINE
- EX WASTEWATER LINE
- EX STORM SEWER
- EX DITCH LINE
- EX ELECTRIC
- EX GAS
- EX TELECOM
- PROP. 24"X36"X24" VAULT
- PROP. 17"X 30"X 24" PED
- EXISTING POLE
- POLE W/ RISER
- PROP ANCHOR

NOTE:  
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CAUTION !!  
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Spectrum

LJA  
LJA TELECOM

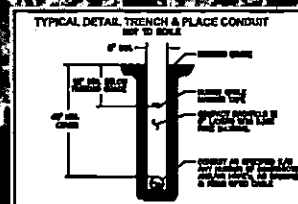
SPECTRUM  
4470166

RD0F\_TX\_CLUSTER\_2\_TBD\_W197E  
UPSHUR COUNTY  
OSP PLAN

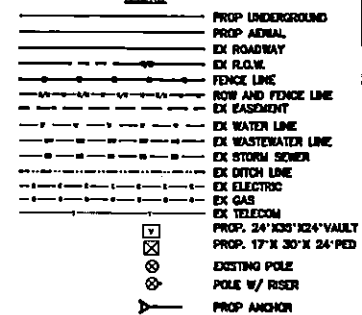
DESIGN BY: LJA TELECOM	CHECKED BY: J
DRAWN BY: GW	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 11 OF 17
DATE: 1/6/2025	PAGE: 11

**MATCHLINE - SEE SHEET 13**

PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
AT MIN. 48" DEPTH



**CAUTION !!!**  
**CONTRACTOR TO LOCATE &**  
**VERIFY ALL EXISTING UTILITIES**  
**PRIOR TO CONSTRUCTION**



**NOTE:**  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC CONTROL AS SET FORTH IN THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAY.

**NOTE:**  
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**Spectrum▶**

**LJA**  
LJA TELECOM

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR\_COUNTY

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-NL37	SHEET: 12 OF 17
DATE: 1/6/2025	PAGE: 12

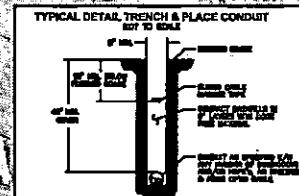
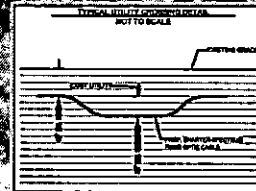
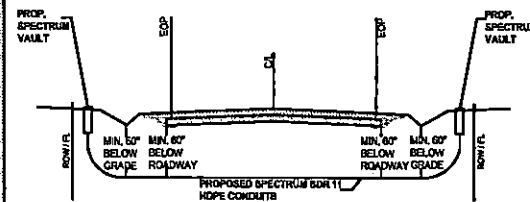


MATCHLINE - SEE SHEET 12

GLADEWATER, TX  
UPSHUR COUNTY

PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
AT MIN. 48" DEPTH

# TYPICAL UNDERGROUND ROAD CROSSING DETAIL



CAUTION III  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION

MATCHLINE - SEE SHEET 14

100 00 0 100 200  
HORIZONTAL SCALE: 1" = 200'

## LEGEND

- PROP UNDERGROUND
- PROP AERIAL
- EX ROADWAY
- EX R.O.W.
- FENCE LINE
- ROW AND FENCE LINE
- EX EASEMENT
- EX WATER LINE
- EX WASTEWATER LINE
- EX STORM SEWER
- EX DITCH LINE
- EX ELECTRIC
- EX GAS
- EX TELECOM
- PROP. 24" X 36" X 24" VAULT
- PROP. 17" X 30" X 24" PED
- EXISTING POLE
- POLE W/ RISER
- PROP ANCHOR

NOTE:  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC  
CONTROL AS SET FORTH IN THE TEXAS MANUAL ON  
UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND  
ROADWAYS.

NOTE:  
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OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION.  
COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED  
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Spectrum

**LJA**  
LJA TELECOM

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2.TBD\_W197E  
UPSHUR COUNTY  
OSP PLAN

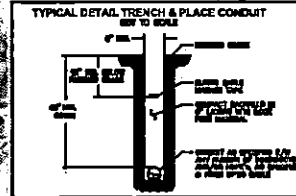
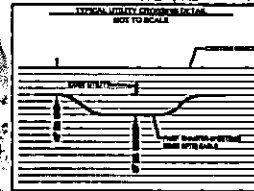
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DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2805-24-N137	SHEET: 13 OF 17
DATE: 1/6/2025	PAGE: 13

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MATCHLINE - SEE SHEET 13

GLADEWATER, TX  
UPSHUR COUNTY

PROP. 1-2" HDPE CONDUIT  
E/W FIBER OPTIC CABLE  
@ MIN. 48" DEPTH



CAUTION !!!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION

100 0 100 200  
HORIZONTAL SCALE: 1" = 200'

LEGEND

- PROP. UNDERGROUND
- PROP. AERIAL
- EX. ROADWAY
- EX. R.O.W.
- FENCE LINE
- ROW AND FENCE LINE
- EX. EASEMENT
- EX. WATER LINE
- EX. WASTEWATER LINE
- EX. STORM SEWER
- EX. DITCH LINE
- EX. ELECTRIC
- EX. GAS
- EX. TELECOM
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- EXISTING POLE
- POLE W/ RISER
- PROP. ANCHOR

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Spectrum

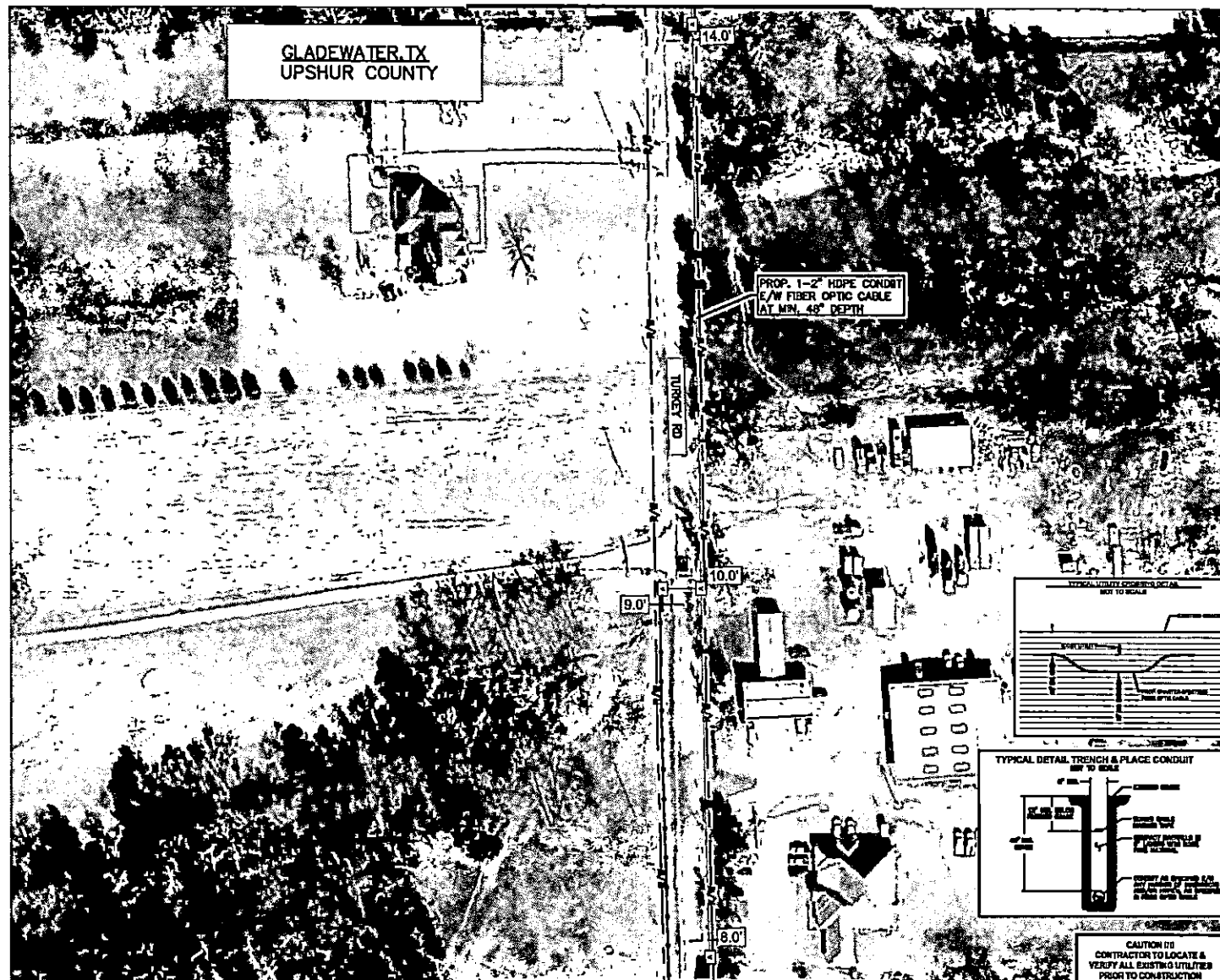
LJA  
LJA TELECOM

SPECTRUM  
4470166  
ROOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR COUNTY  
OSP PLAN

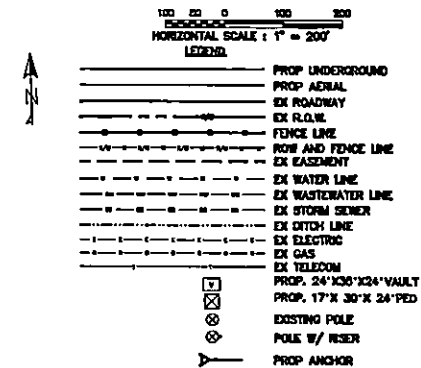
DESIGN BY: LJA TELECOM	CHECKED BY: J
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2805-24-N137	SHEET: 14 OF 17
DATE: 1/6/2025	PAGE: 14

MATCHLINE - SEE SHEET 15

**MATCHLINE - SEE SHEET 14**



**MATCHLINE - SEE SHEET 16**



**NOTE:**  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC CONTROL AS SET FORTH IN THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.

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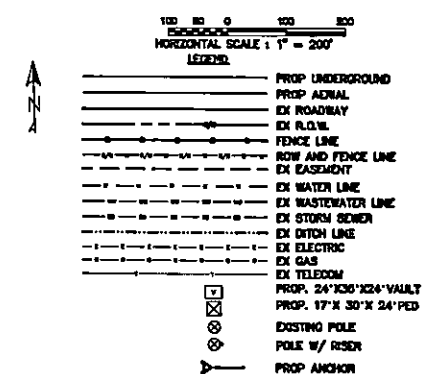
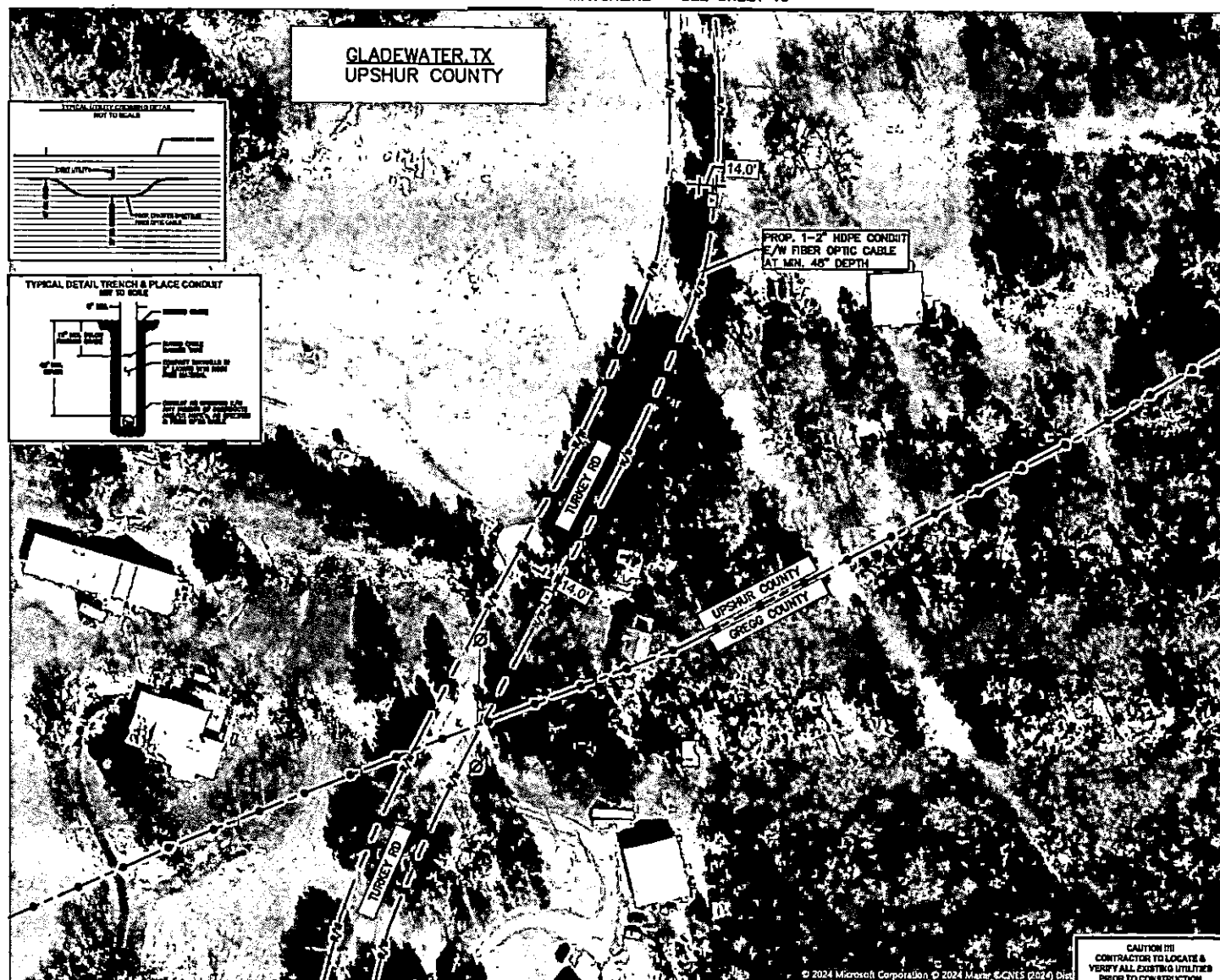
**Spectrum▶**

**LJA**  
LJA TELECOM

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA TELECOM	CHECKED BY: J
DRAWN BY: GM	APPROVED BY: KB
PROJECT NO: 2605-24-NL37	SHEET: 15 OF 17
DATE: 1/8/2025	PAGE: 15

**MATCHLINE - SEE SHEET 15**



**NOTE:**  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC CONTROL AS SET FORTH IN THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.

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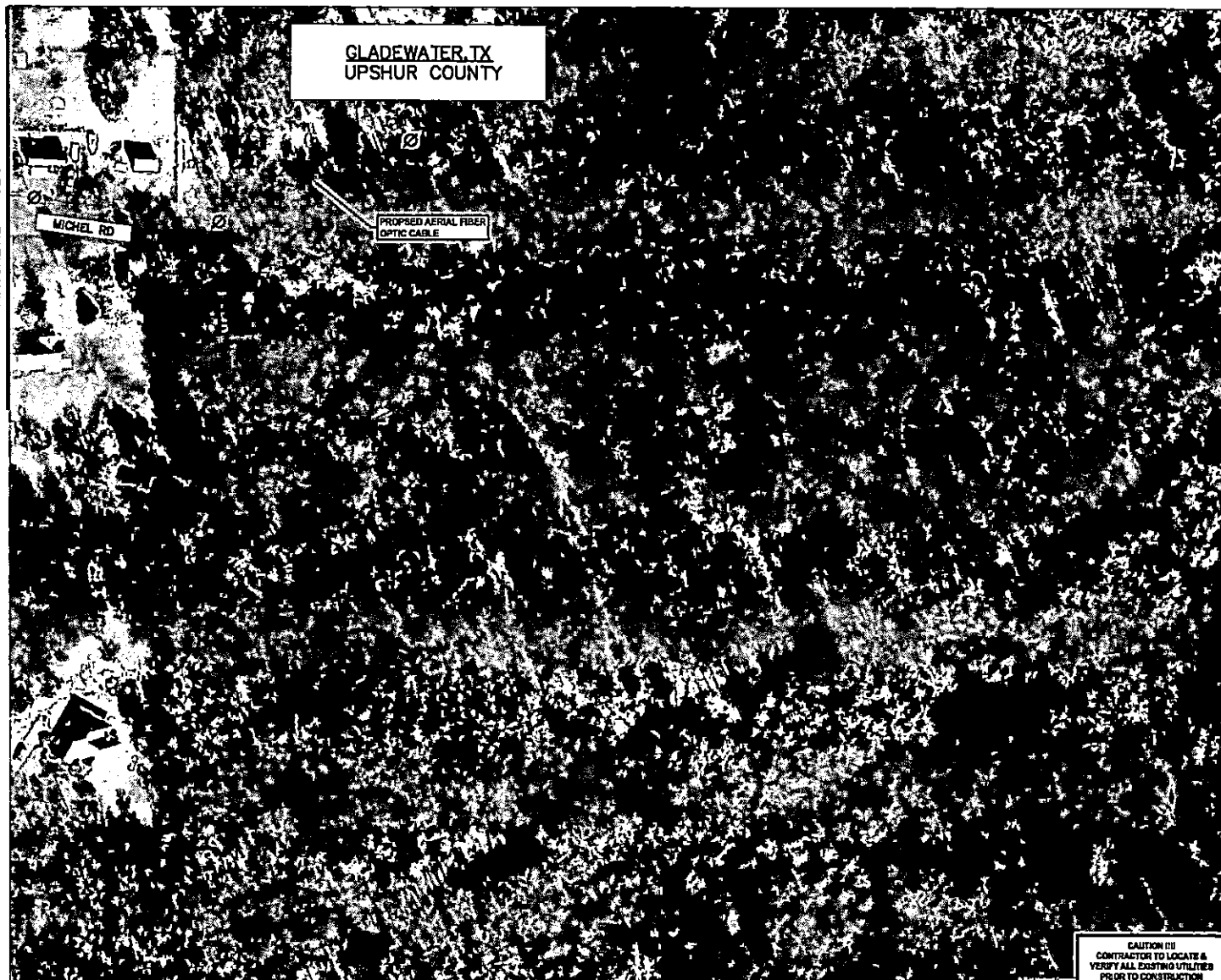
**Spectrum▶**

**LJA**  
LJA TELECOM

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI97E  
UPSHUR COUNTY  
DSP PLAN

DESIGN BY: LJA TELECOM	CHECKED BY: JL
DRAWN BY: GM	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 18 OF 17
DATE: 1/6/2025	PAGE: 18

MATCHLINE - SEE SHEET 11



CAUTION !!!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION

100 0 100 200  
HORIZONTAL SCALE : 1" = 200'

LEGEND

- PROF UNDERGROUND
- PROP AERIAL
- EX ROADWAY
- EX ROW
- FENCE LINE
- ROW AND FENCE LINE
- EX EASEMENT
- EX WATER LINE
- EX WASTEWATER LINE
- EX STORM SEWER
- EX DITCH LINE
- EX ELECTRIC
- EX GAS
- EX TELECOM
- PROP. 24" X36" X24" VAULT
- PROP. 17" X 30" X 24" PED
- EXISTING POLE
- POLE W/ RISER
- PROP ANCHOR

NOTE:  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC  
CONTROL AS SET FORTH IN THE TEXAS MANUAL ON  
UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND  
HIGHWAYS.

NOTE:  
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM  
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COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED  
SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

CAUTION!!!  
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CONCERNS REGARDING THE ROW.



Spectrum

**LJA**  
LJA TELECOM

SPECTRUM  
4470166  
RDOF\_TX\_CLUSTER\_2\_TBD\_W197E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA TELECOM	CHECKED BY: J.
DRAWN BY: CM	APPROVED BY: KB
PROJECT NO: 2605-24-N137	SHEET: 17 OF 17
DATE: 1/6/2025	PAGE: 17

APPROVAL

TO: Charter-Spectrum  
6060 N Central Expwy, Suite 400  
Dallas, TX 75206

DATE March 5, 2025

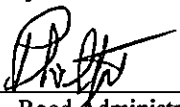
The Upshur County Commissioners Court offers no objections to the location on the right-of-way of your proposed 1-2"  
HDPE conduit line across Aspen, Spruce Road as shown by accompanying drawings and notice dated  
September 19, 2024, except as noted below:

N/A

It is expressly understood that the Upshur County Commissioners Court does not purport, hereby, to grant and right, claim, title, or easement in or upon this county road; and it is further understood that in the future should for any reason Upshur County need to work, improve, relocate, widen, increase add to or any manner change the structure of this right-of-way line, this line, if affected, will be moved under the direction of the Upshur County Engineer and shall be relocated at the complete expense of the owner. Upshur County shall be notified a minimum of 48 hours prior to the beginning of any work.

All work on the county right-of-way shall be performed in accordance with the County Engineer's instructions. The installation shall not damage any part of the highway and adequate provisions must be made to cause minimum inconvenience to traffic and adjacent property owners. Special specifications for placing this line are as follows:

1. All ground lines are to be installed a minimum of 36 inches below the flowline of the adjacent drainage or borrow ditch.
2. All excavations within the right-of-way and not under surfacing shall be backfilled by tamping in 6 inch horizontal layers. All surplus material shall be removed from the right-of-way and the excavation finished flush with surrounding natural ground.
3. Lines crossing under surfaced roads and under surfaced cross roads within the right-of-way shall be placed by boring. Boring shall extend from crown line to crown line.
4. All lines under roads carrying pressure in excess of 50 psi shall be enclosed in satisfactory casing extending from right-of-way line to right-of-way line. Pipe used for casing may be of any type approved by the County Engineer and shall be capable of Supporting the load of roadbed and traffic and shall be so constructed that there will be no leakage of any matter through the casing for its entire length. Inside diameter of casing shall be at least 2 inches greater than the largest outside diameter of carrier pipe, joint or couplings. (Encasement is not required on lines installed 48 inches or greater below flowline.)
5. All lines, where practicable, shall be located to cross roadbed at approximately right angles thereto. No lines are to be installed under or within 50 feet of either end of a bridge unless approved by the County Engineer in writing. No lines shall be placed inside any culvert or within 10 feet of the closest point of same.
6. Parallel lines will be installed as near the right-of-way lines as is possible and no parallel line will be installed in the roadbed or between the drainage ditch and roadbed unless approved by the County Engineer in writing.
7. Overhead lines will have a minimum clearance of 18 feet above the road surface at point of crossing.
8. Operations along roadways shall be performed in such a manner that all excavated material be kept off the pavements at all times, as well as all operating equipment and materials. Do not use equipment or installation procedures which will damage any road surface or structure. The cost of any repairs to road surfaces, roadbed, structures or other right-of-way features as direct result of this installation will be borne by the owner of this line.
9. Barricades, warning signs, lights and flagmen, when necessary, shall be provided by the contractor or owner. One half of the traveled portion of the road must be open to traffic at all times. All traffic control shall be in accordance with the requirements of the current version of the Texas MUTCD.
10. Utility company shall install adequate erosion control measures for any excavation work being performed.

APPROVED:   
Road Administrator

APPROVED: \_\_\_\_\_  
Chairperson, Upshur County Commissioners Court  
Revised 11/30/10



NOTICE OF PROPOSED INSTALLATION  
PIPE AND/OR UTILITY LINES

DATE: 03-04-2025

TO: UPSHUR COUNTY COMMISSIONERS COURT  
c/o UPSHUR COUNTY ENGINEER  
UPSHUR COUNTY ROAD & BRIDGE DEPARTMENT  
P. O. BOX 730  
Gilmer, TX 75644

EXPIRES:\_\_\_\_\_

Formal notice is hereby given that Charter-Spectrum 1-2" HDPE conduits  
\_\_\_\_\_proposes to bore a \_\_\_\_\_ line within the right-of-way of County Road  
\_\_\_\_\_ as follows:

Charter communications proposes to install fiber optic cable along County roads; Aspen Trail, Spruce Rd.

The location and description of the proposed line and appurtenances is more fully shown by three copies of drawings attached to this notice. The line will be constructed and maintained on the County right-of-way as directed by the County Engineer in accordance with current Upshur County specifications.

Construction of this line will begin on or after the 25 day of March 20 25 and will be completed within 90 days of the date of approval.

Firm Charter Spectrum  
By Rosavita Cuellar  
Title Utility Specialist  
Address 6060 N Central Expressway,  
Dallas, TX 75206

- NOTE: 1. This form to be submitted in triplicate for each proposed installation.  
2. The permit shall be in effect until the utility line is removed from the right of way.  
3. Inform the County Engineer if work is not completed within this time.

1. COVER SHEET  
2. GENERAL NOTES  
3.-30. OSP PLAN

CONTACT: CHARTER SPECTRUM  
CONTACT: OSCAR SOTO  
PHONE: 469-503-6112  
EMAIL: oscar.soto@charter.com

**CONTACT:**  
KEN BAILEY, SR, PROJECT MANAGER  
LIA ENGINEERING, INC  
2150 S CENTRAL EXPY, SUITE 300  
MCKINNEY, TX 76070  
KBAILEY@LIA.COM  
214-624-2800

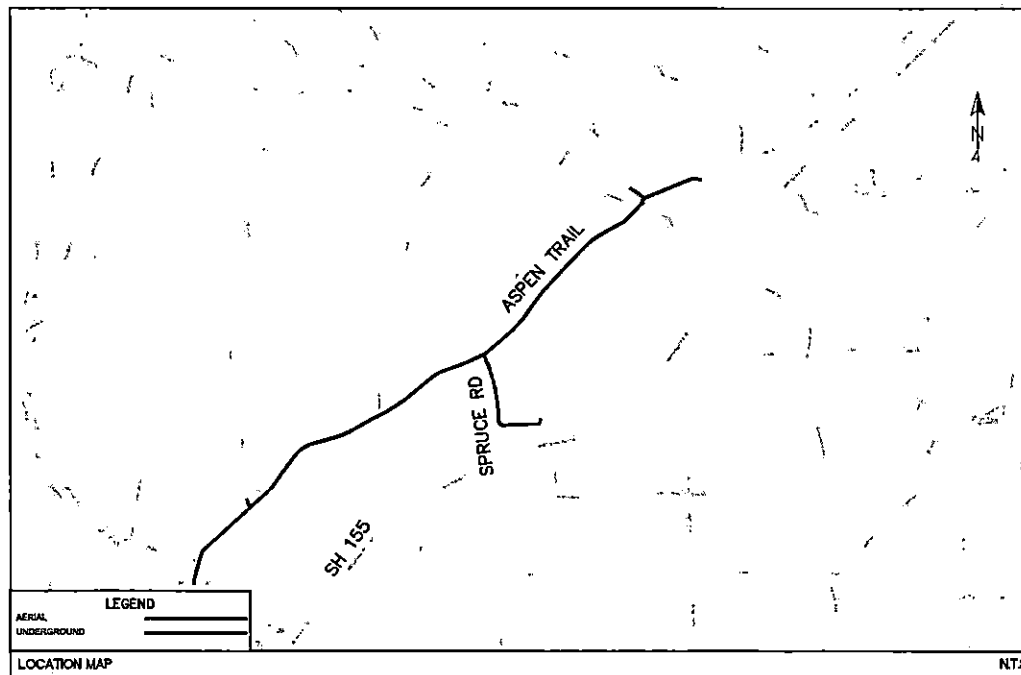
# Spectrum▶

**RDOF\_TX\_CLUSTER\_2\_TBD\_WI56E (3993829)**  
**UPSHUR COUNTY**  
**BIG SANDY, TX 75755**

**MARCH 04, 2025**

CHARTER COMMUNICATIONS PROPOSES TO INSTALL AERIAL AND UNDER GROUND FIBER OPTIC CABLE WITH 1-2" HDPE CONDUIT IN UPSHUR COUNTY ALONG COUNTY ROADS BAMBOO RD, RED MAPLE RD, SYCAMORE RD, RED CEDAR RD, SPRUCE RD, BROWN ST, BEACH RD AND ASPEN TRAIL.

DESCRIPTION	UNITE	QUANTITY
DIRECTIONAL BORE	LF	20840
TRENCH	LF	
PULL EXISTING CONDUIT		
BORE PITS	EA	
NEW VAULTS	EA	35
NEW PEDESTALS	EA	14
POWER SUPPLY	EA	
AERIAL RISER	EA	
NEW STRAND	LF	33133
ANCHORS		
NEW POLES	EA	
EXISTING POLES		
TOTAL PROJECT FOOTAGE	LF	53973



**LJA**  
**LJA TELECOM**

6080 N. Central Expressway, Suite 400  
Dallas, TX 75206  
408-621-0770  
TYPE FORM REGISTRATION: F-1308

CONTACT:  
STUART CORWELL  
PHONE:  
512-438-6717

SUBMITTED FOR APPROVAL BY:  
ENGINEER OF APPROVAL

**NOTE:**  
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LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR.



REPORTED 3/4/2023 1:17 PM S:\Section\Season\VARIED PRODUCTIONS\Overlaid-SPECTRUM\PCP116 TEXAS\2024\2020-24-11132 ROOF\_IN\_CLUSTER\_2\_TRO\_WALK (C:\BROKER\APR04APR COUNTY\494 545C0) 7/24/2009 10:55 PM S:\7070 1832E Road Guide

# **GENERAL NOTES**

- ALL EXISTING FACILITIES CURRENTLY IN SERVICE MUST REMAIN IN SERVICE, UNLESS OTHERWISE NOTED IN THE DRAWINGS.
- CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY, UPON COMPLETION OF JOB SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.
- ALL EFFORTS HAVE BEEN MADE TO INDICATE ALL EXISTING UTILITIES ON PLANS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE AND PROTECT ALL SAID UTILITIES AS WELL AS SERVICE CONNECTIONS (WHETHER OR NOT INDICATED ON PLANS). PRIOR TO CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO VERIFY LOCATION OF EXISTING UTILITIES.
- CALL UTILITY COORDINATING COMMITTEE 48 HRS. PRIOR TO CONSTRUCTION AT 1-800-344-8377 (1-800-DIG-TESS).
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH GAS, OIL, ELECTRIC, TELEPHONE, FIBER OPTIC, CABLE TV, SEWER AND WATER UTILITIES OWNERS, ETC. FOR ANY RELOCATION AND/OR PROTECTION OF EXISTING LINES OR CABLES AS REQUIRED, DUE TO CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO PROVIDE A MINIMUM OF 2' OF CLEARANCE AT ALL CROSSINGS OF SANITARY SEWERS, STORM SEWERS, ELECTRIC, WATER LINES AND LEADS.
- CONTRACTOR MUST COMPLY WITH OSHA SPECIFICATIONS, TXDOT STD. SPEC (DIVISION IV, STRUCTURES) AND UTILITY OWNER STANDARDS FOR TRENCHING, BACKFILLING, EXCAVATION AND SHORING REQUIREMENTS.
- THE CONSTRUCTION CONTRACTOR SHALL ALSO BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, SEQUENCE, PROCEDURES, TECHNIQUES OR SCHEDULING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONSTRUCTION CONTRACTOR SHALL ALSO BE SOLELY RESPONSIBLE FOR SAFETY IN OR ABOUT THE JOB SITE IN ACCORDANCE WITH ANY HEALTH OR SAFETY PRECAUTIONS, REGULATIONS, STANDARDS OR CODES REQUIRED BY O.S.H.A. OR ANY OTHER REGULATORY AGENCY.
- NO MORE TRENCH OPENED AT ONE TIME THAN CAN BE BACKFILLED AND COMPACTED IN 8" LIFTS AT THE END OF EACH WORK PERIOD; NO TRENCH LEFT OPEN OVERNIGHT UNLESS COVERED BY METAL PLATES.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS AND TREES ALONG THE AREA OF EXCAVATION.
- EXISTING PAVEMENT, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED BY BONDED CONTRACTOR IN CONFORMANCE WITH LOCAL STANDARDS, WHEELCHAIR RAMPS SHALL BE CONSTRUCTED AT ALL PEDESTRIAN CROSSINGS WHERE CURB REMOVAL IS REQUIRED FOR INSTALLATION OF THE UNDERGROUND CONDUIT SYSTEM.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING BORE PIT LOCATIONS AND DIMENSIONS, INFORMATION SHOWN ON PLANS ARE FOR REFERENCE PURPOSE ONLY.
- IF IT BECOMES NECESSARY TO OPERATE MACHINERY ON A PORTION OF THE PAVEMENT, PRECAUTIONS MUST BE TAKEN TO PREVENT ANY DAMAGE WHATSOEVER TO THE PAVEMENT.
- CONTRACTOR SHALL INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2014 EDITION) AND TXDOT STANDARDS DURING CONSTRUCTION TO PROVIDE COMPLETE SAFETY TO THE GENERAL PUBLIC.

- BORE PITS CLOSER THAN 15' FROM THE EDGE OF PAVEMENT MUST BE PROTECTED BY TYPE II BARRICADES. OPEN PITS MUST BE SEALED OFF BY ORANGE PLASTIC MESH FENCING AND CONES OR DRUMS.
- CONSTRUCTION EQUIPMENT LEFT OVERNIGHT IN TXDOT RIGHT-OF-WAY SHALL BE SECTIONED OFF WITH ORANGE PLASTIC MESH FENCING AND BE PLACED AT LEAST 30' FROM THE EDGE OF PAVEMENT, EQUIPMENT LOCATED CLOSER THAN 30' MUST BE PROTECTED BY CONCRETE TRAFFIC BARRIERS (CTBS'S).
- CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING AND MAINTAINING TRAFFIC SIGNS AND PAVEMENT MARKINGS, INCLUDING CENTERLINES, BARRIER LINES, LANE LINES, RAISED PAVEMENT MARKING, ECT.
- CONTRACTOR IS REQUIRED TO PREPARE AND IMPLEMENT AN APPROVED STORM WATER POLLUTION PREVENTION (SWPP) PLAN IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS AND CONTRACT DOCUMENTS. CONTRACTOR SHALL KEEP ALL DEBRIS & SPOIL OUT OF DRAINS, CULVERTS, AND DROP INLETS AND ENSURE THAT THEY DO NOT BECOME CLOGGED AS A RESULT OF CONSTRUCTION ACTIVITIES.
- ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE CONDUIT, FITTINGS, CONDUIT BODIES AND ACCESSORIES SHALL BE INSPECTED UPON DELIVERY AND DURING THE PROGRESS OF THE WORK. ANY MATERIAL FOUND TO BE DEFECTIVE WILL BE REJECTED BY THE OWNERS REPRESENTATIVE AND THE CONTRACTOR SHALL REMOVE SUCH DEFECTIVE MATERIAL FROM THE SITE OF THE WORK.
- CONTRACTOR SHALL COORDINATE AND VERIFY ANY UTILITY ABANDONMENT WITH THE UTILITY COMPANY. NO FACILITY MAY BE CONSIDERED ABANDONED WITHOUT WRITTEN CONSENT FROM UTILITY OWNER.
- CONTRACTOR IS TO PLUG ALL INSTALLED DUCTS.
- THE CONSTRUCTION CONTRACTOR SHALL PLACE UTILITY LOCATION TAPE OVER ALL EXPOSED CONDUIT.
- ALL PROPOSED BENDS SHALL BE GRADUAL SWEEPS WITH A MINIMUM 20-FOOT RADIUS, UNLESS NOTED ON THE PLANS.
- CONTRACTOR SHALL CONSTRUCT HORIZONTAL DIRECTIONAL DRILL IN ACCORDANCE WITH ASTM F 1982 "STANDARD GUIDE FOR USE OF MAXI-HORIZONTAL DIRECTIONAL DRILLING FOR PLACEMENT OF POLYETHYLENE PIPE OR CONDUIT UNDER OBSTACLES INCLUDING RIVER CROSSINGS"
- CONTRACTOR TO PROVIDE AND PLACE 2500LB MULE TAPE IN EACH INSTALLED DUCT.
- ALL PROPOSED TELECOM FACILITIES SHOULD BE INSTALLED AT MIN DEPTH IS 48" FOR LONGITUDINAL LINES AND MIN DEPTH IS 60" FROM LOWEST POINT OF GRADE FOR CROSSINGS.
- USE OF WATER AND OTHER FLUIDS IN CONNECTION WITH BORING OPERATIONS WILL BE PERMITTED ONLY IN SUFFICIENT QUANTITY TO LUBRICATE BORING BIT AND PROVIDE A SMOOTH FLOW OF CUTTINGS. JETTING WILL NOT BE PERMITTED.
- OPERATIONS ON THE ROADWAY SHALL BE PERFORMED IN SUCH A MANNER THAT OPERATING EQUIPMENT AND EXCAVATED MATERIAL ARE KEPT OFF THE PAVEMENT AT ALL TIMES.
- BARRICADES AND WARNING SIGNS, AND FLAGMEN WHEN NECESSARY, SHALL BE PROVIDED BY THE CONTRACTOR OR OWNER. ONE-HALF THE TRAVELED PORTION OF THE ROADWAY MUST BE OPEN TO TRAFFIC AT ALL

- TIMES.**  
CONTRACTOR TO REFER TO COMPLY WITH TEXAS MUTCD BARRICADE AND CONSTRUCTION STANDARDS.
- WORK PERFORMED ON RAILROAD RIGHT-OF-WAY IS SUBJECT TO THE CONCURRENCE OF THE RAILROAD COMPANY. WORK PERFORMED WITHIN WATERWAYS, SUCH AS RIVERS, CREEKS, BAYOUS, AND DRAINAGE DITCHES IS SUBJECT TO THE RULES & REQUIREMENTS OF THAT APPROPRIATE GOVERNMENTAL AGENCY.
  - APPROPRIATE EASEMENT/APPROVAL MUST BE SECURED FOR PROJECT AREAS OUTSIDE THE RIGHT-OF-WAY. NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY UNTIL RIGHT OF ENTRY AND EASEMENT HAS BEEN OBTAINED.
  - CONTRACTOR TO CONTACT TELECOM OWNER A MINIMUM OF 2-WEEKS PRIOR TO CONSTRUCTION.
  - ALL FIBER OPTIC CABLE AND COOPER BASED FACILITIES WILL BE SPLICED BY THE UTILITY OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PERTINENT UTILITIES OF CONDUIT STRUCTURE COMPLETION FOR INSPECTION APPROVAL.
  - UTILITY CONTRACTOR TO CONTACT UTILITY OWNER OF 48 HOURS PRIOR TO CONNECTION TO EXISTING MANHOLE OR DUCTS TO COORDINATE ON-SITE INSPECTION BY UTILITY PERSONNEL.
  - CONTRACTOR TO PROVIDE OVERHEAD POLE SUPPORT WHENEVER CONSTRUCTION EXCAVATION IS WITHIN 5' OF AN OVERHEAD POLE.
  - CONTRACTOR MUST OBTAIN PERMISSION FROM AFFECTED PROPERTY OWNER FROM ANY CONSTRUCTION RELATED ACTIVITIES THAT MAY ENCROACH ON ADJACENT PRIVATE PROPERTY.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PERTINENT UTILITIES OF CONDUIT STRUCTURE COMPLETION FOR INSPECTION APPROVAL.
  - ONLY 1 STUS RISER CONDUIT FOR EACH TELECOMMUNICATION PROVIDER AT ALL POLE LOCATIONS SHOWN ON PLANS.
  - ALL VAULTS, MANHOLES, AND HANDHOLES TO BE PLACED AT FINAL GRADES. TEMPORARY FILLS OR CUTS NEED TO BE USED AT EACH SITE SO THAT THE MINIMUM OF 2" WIDE LEVELING WORKING SPACE EXISTS AROUND THE PERIMETER OF EACH OPENING.

**Spectrum**

**LJA**  
LJA TELECOM

SPECTRUM  
3993829

RD0F\_TX\_CLUSTER\_2\_TBD\_WIS5E

UPSHUR COUNTY  
GENERAL NOTES

DESIGN BY: LJA/T	CHECKED BY: JL
DRAWN BY: KC	APPROVED BY: KB
PROJECT NO: 2605-24-N32	SHEET: 3 OF 30
DATE: 2/28/2023	PAGE: 3

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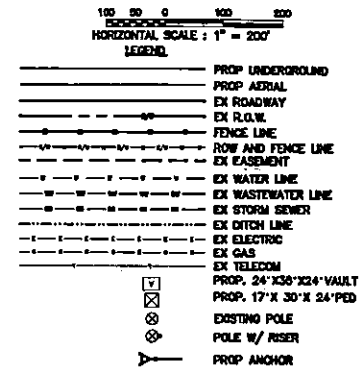
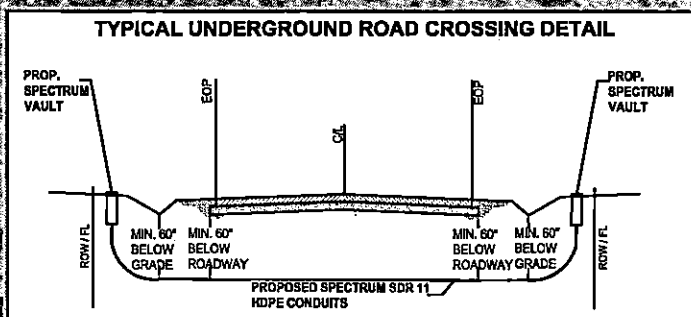
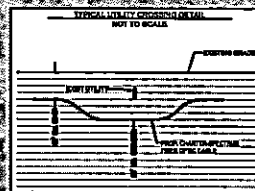
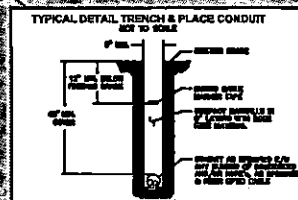
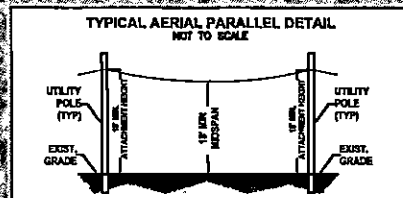
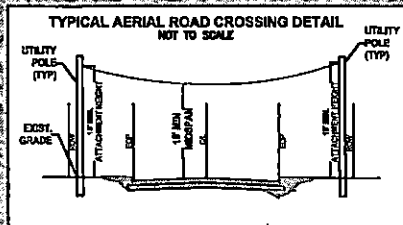


Know what's below.  
Call before you dig.

02/28/2025 10:25:34 AM S:\Section\Telecom\UPSHUR\PROJECTS\CHARTER-SPECTRUM\UPSHUR\TX\_CLUSTER\_2\_TBD\_WIS6E\UPSHUR\UPSHUR.COUNTY.dwg

BIG SANDY, TX  
UPSHUR COUNTY

MATCHLINE - SEE SHEET 19



NOTE:  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC CONTROL AS SET FORTH IN THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.

NOTE:  
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Spectrum

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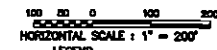
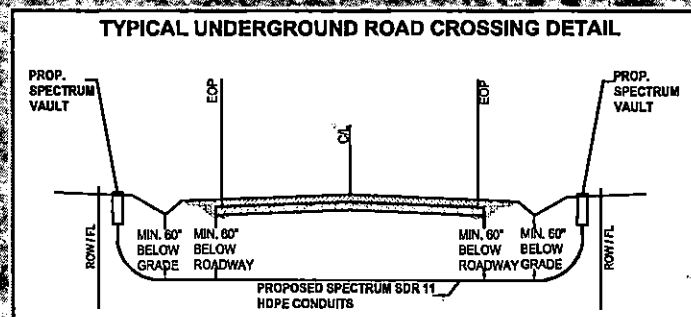
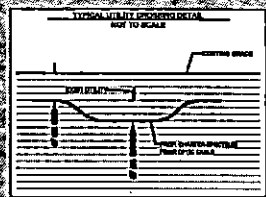
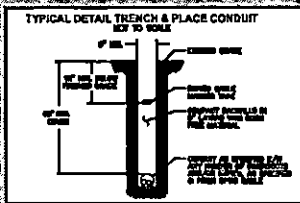
SPECTRUM  
3993829  
RDOF\_TX\_CLUSTER\_2\_TBD\_WIS6E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA/T	CHECKED BY: J
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2605-24-N132	SHEET: 18 OF 30
DATE: 2/28/2025	PAGE: 18




















CAUTION!!!  
CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION

MATCHLINE - SEE SHEET 30

BIG SANDY, TX  
UPSHUR COUNTY



### LEGEND

- |   |                         |
|---|-------------------------|
|  | PROP UNDERGROUND        |
|  | PROP AERIAL             |
|  | EX ROADWAY              |
|  | EX R.O.W.               |
|  | FENCE LINE              |
|  | ROW AND FENCE LINE      |
|  | EX EASEMENT             |
|  | EX WATER LINE           |
|  | EX SEWAGE/WATER LINE    |
|  | EX STORM SEWER          |
|  | EX DITCH LINE           |
|  | EX ELECTRIC             |
|  | EX GAS                  |
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HIGHWAYS.

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**CAUTION!!!**  
EXIST. BURIED FIBER, TELEPHONE, CATV, GAS, ELECTRIC,  
WATER, SANITARY SEWER & STORM SEWER FACILITIES IN  
CONSTRUCTION AREA AND HAVE NOT BEEN FIELD LOCATED  
CONTRACTOR TO VERIFY EXACT LOCATION AND DEPTH  
PRIOR TO ANY DIGGING AND/OR BORING.

NOTE: THE RIGHT-OF-WAY (ROW) SHOWN ON THESE PLANS IS BASED ON PUBLICLY AVAILABLE INFORMATION AND IS NOT EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR ENSURING THAT ALL FACILITIES ARE CONSTRUCTED WITHIN THE ROW OR IN A COMMUNICATIONS EASEMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE OWNER PRIOR TO CONSTRUCTION IF THERE ARE ANY CONCERNS REGARDING THE ROW.



**Spectrum**

**LJA**  
LJA TELECOM

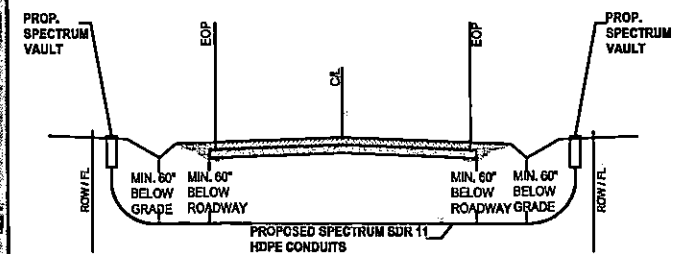
SPECTRUM  
3993829  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI56E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJAT	CHECKED BY: JL
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2805-24-N132	SHEET: 19 OF 30
DATE: 2/28/2025	PAGE: 19

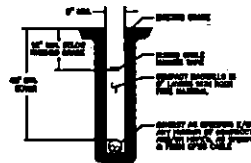
**CAUTION !!!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION**

**MATCHLINE - SEE SHEET 18**

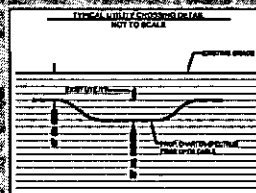
### TYPICAL UNDERGROUND ROAD CROSSING DETAIL



**TYPICAL DETAIL TRENCH & PLACE CONDUIT**



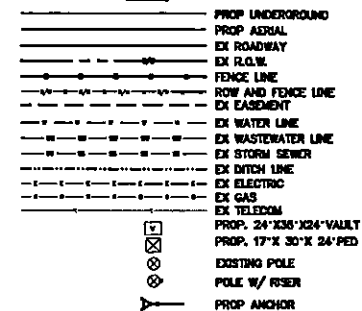
### TYPICAL MINUTE CROSSING DELAY



**MATCHLINE - SEE SHEET 21**



### LEGEND



NOTE:  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC  
CONTROL AS SET FORTH IN THE TEXAS MANUAL ON  
UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND  
HIGHWAYS.

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**Spectrum**

**LJA**  
**LJA TELECOM**

SPECTRUM  
3993829  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI56E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA	CHECKED BY: JL
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2605-24-N132	SHEET: 20 OF 30
DATE: 2/28/2025	PAGE: 20

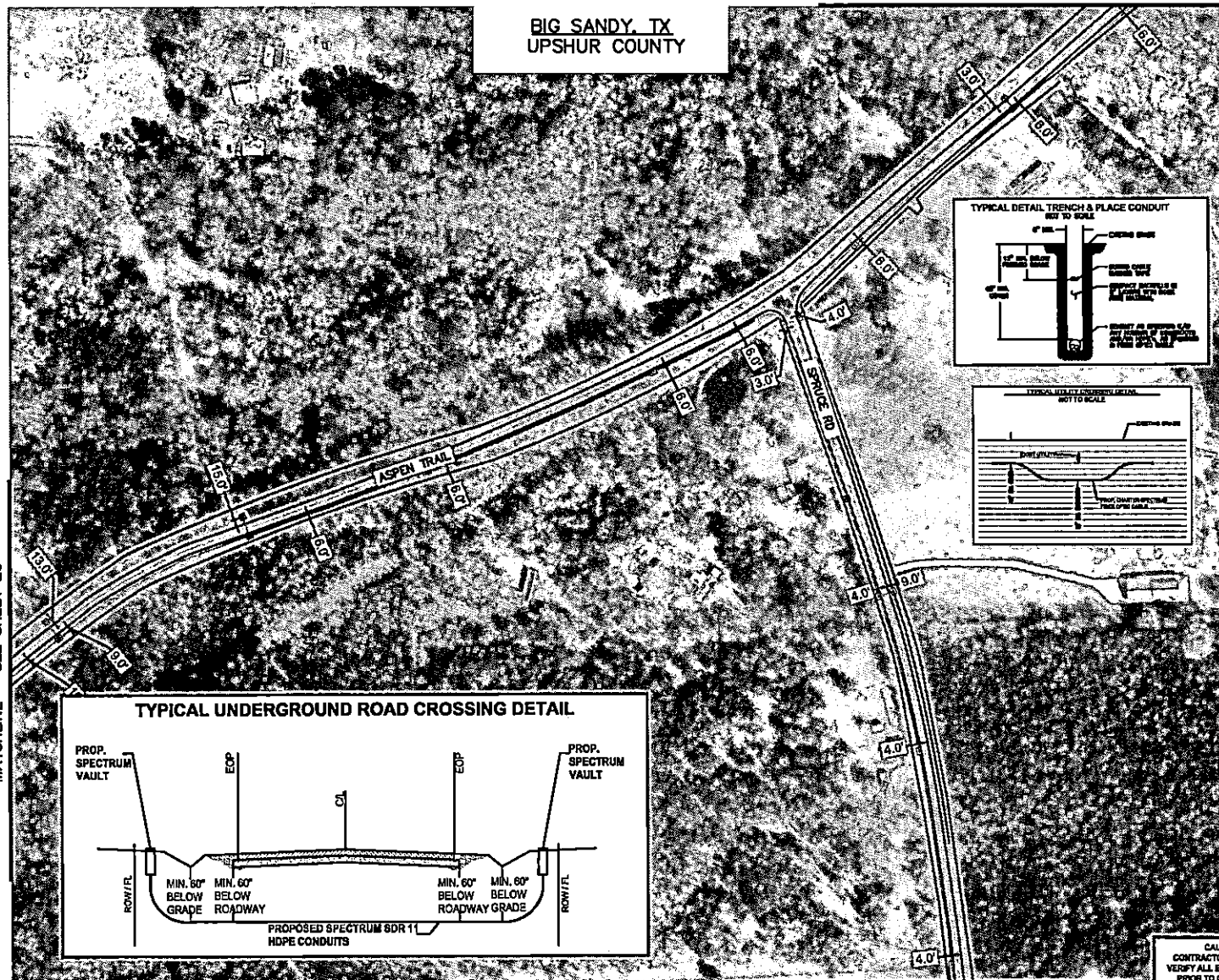
**CAUTION III**  
**CONTRACTOR TO LOCATE &**  
**VERIFY ALL EXISTING UTILITIES**  
**PRIOR TO CONSTRUCTION**



**MATCHLINE - SEE SHEET 20**

BIG SANDY. TX  
UPSHUR COUNTY




















**MATCHLINE - SEE SHEET 22**



**MATCHLINE - SEE SHEET 22**



**LEGEND**

 PROP. UNDERGROUND  
 PROP. AERIAL  
 EX. ROADWAY  
 EX. R.O.W.  
 FENCE LINE  
 ROW AND FENCE LINE  
 EX. EASEMENT  
 EX. WATER LINE  
 EX. WASTEWATER LINE  
 EX. STORM SEWER  
 EX. DITCH LINE  
 EX. ELECTRIC  
 EX. GAS  
 EX. TELECOM  
 PROP. 24" X 36" X 24" VAULT  
 PROP. 17" X 30" X 24" POLE  
 DISTING. POLE  
 POLE W/ RISER  
 PROP. ANCHOR

**NOTE:**  
CONTRACTOR IS RESPONSIBLE TO MAINTAIN TRAFFIC CONTROL AS SET FORTH IN THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.

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**Spectrum**

**LJA**  
LJA TELECOM

SPECTRUM  
3993829  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI56E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJAT	CHECKED BY: JL
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2805-24-N132	SHEET: 21 OF 30
DATE: 2/28/2025	PAGE: 21

DESIGN BY: LJT	CHECKED BY: JL
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2805-24-N132	SHEET: 22 OF 30
DATE: 2/28/2025	PAGE: 22

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MATCHLINE - SEE SHEET 22

BIG SANDY, TX  
UPSHUR COUNTY

100 50 0 50 100 200  
HORIZONTAL SCALE: 1" = 200'

LEGEND

---	PROP. UNDERGROUND
---	PROP. ADRIAL
---	EX. ROADWAY
---	EX. FENCE LINE
---	EX. ROW AND FENCE LINE
---	EX. EASEMENT
---	EX. WATER LINE
---	EX. WASTEWATER LINE
---	EX. STORM SEWER
---	EX. DITCH LINE
---	EX. ELECTRIC
---	EX. GAS
---	EX. TELECOM
---	PROP. 24"X30"X24" VAULT
---	PROP. 17"X 30"X 24" PED
---	EXISTING POLE
---	POLE W/ RISER
---	PROP. ANCHOR

NOTE:  
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Spectrum

LJA  
LJA TELECOM

SPECTRUM

3993829

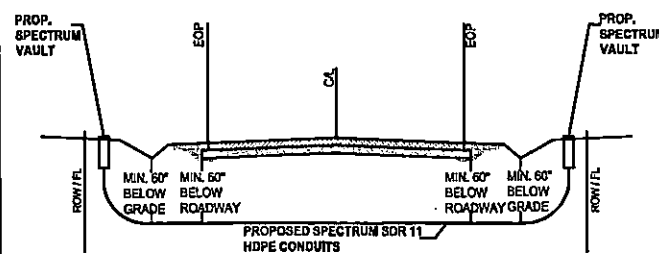
ROD\_TX\_CLUSTER\_2\_TBD\_WIS66

UPSHUR COUNTY

OSP PLAN

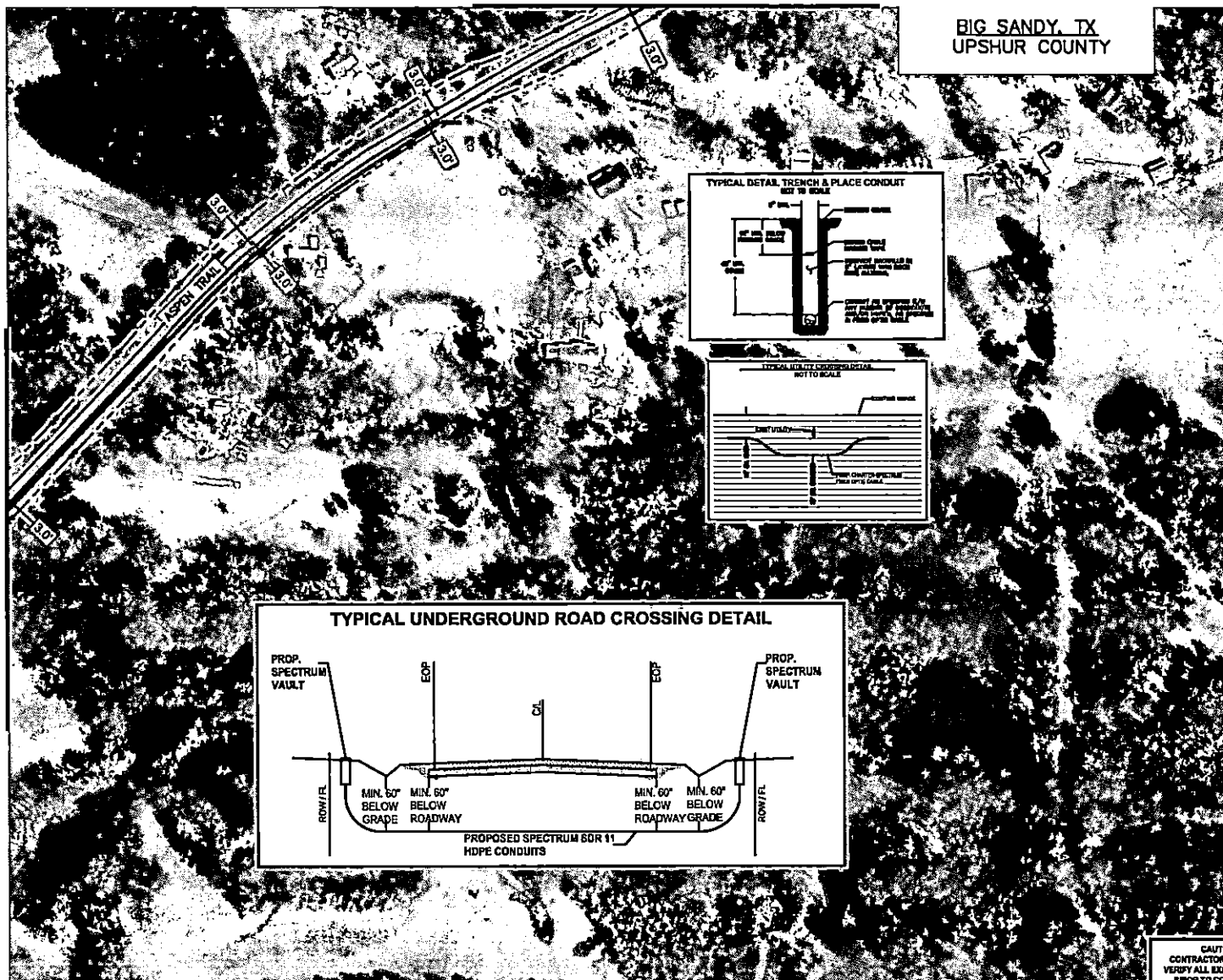
DESIGN BY: LJA	CHECKED BY: J.
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2605-24-N132	SHEET: 23 OF 30
DATE: 2/28/2025	PAGE: 23

### TYPICAL UNDERGROUND ROAD CROSSING DETAIL



CAUTION !!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION




















BIG SANDY, TX  
UPSHUR COUNTY



**CAUTION !!!**  
**CONTRACTOR TO LOCATE &**  
**VERIFY ALL EXISTING UTILITIES**  
**PRIOR TO CONSTRUCTION**



US\$3.10

 PROP. UNDERGROUND  
 PROP. AERIAL  
 EX. ROADWAY  
 EX. P.O. BOX  
 FENCE LINE  
 ROAD AND FENCE LINE  
 EX. EASEMENT  
 EX. WATER LINE  
 EX. WASTEWATER LINE  
 EX. STORM SEWER  
 EX. DITCH LINE  
 EX. ELECTRIC  
 EX. GAS  
 EX. TELECOM  
 PROP. 24"X36"X24" VAULT  
 PROP. 17"X 30"X 24" PCD  
 DUSTING POLE  
 POLE W/ RISER  
 PROP. ANCHOR

**NOTE:**  
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**Spectrum**▶

**LJA**  
LJA TELECOM

SPECTRUM  
3993829  
RDOF\_TX\_CLUSTER\_2\_TBD\_WI56E  
UPSHUR COUNTY  
OSP PLAN

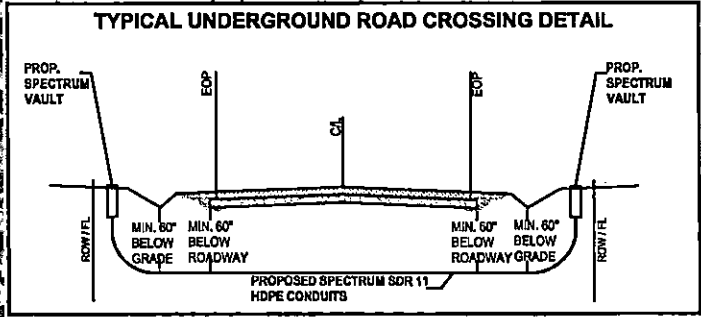
DESIGN BY: LJAT	CHECKED BY: JL
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2605-24-M32	SHEET: 24 OF 30
DATE: 2/28/2025	PAGE: 24



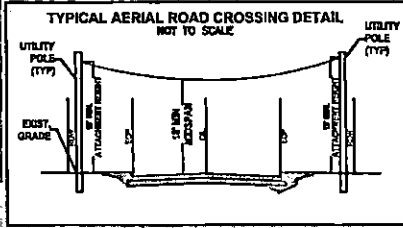
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BIG SANDY, TX  
UPSHUR COUNTY

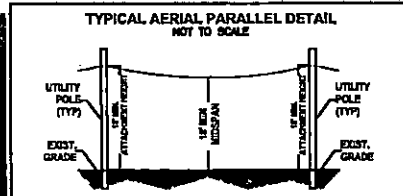
TYPICAL UNDERGROUND ROAD CROSSING DETAIL



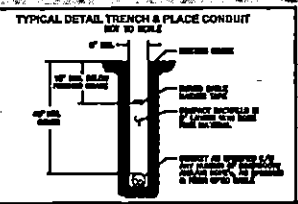
TYPICAL AERIAL ROAD CROSSING DETAIL  
NOT TO SCALE



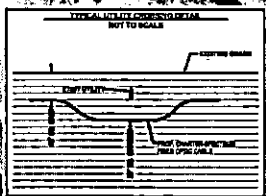
TYPICAL AERIAL PARALLEL DETAIL  
NOT TO SCALE



TYPICAL DETAIL TRENCH & PLACE CONDUIT  
BOX TO SCALE



TYPICAL UTILITY CROSSING DETAIL  
NOT TO SCALE



CAUTION!!  
CONTRACTOR TO LOCATE &  
VERIFY ALL EXISTING UTILITIES  
PRIOR TO CONSTRUCTION

100 50 0 50 100  
HORIZONTAL SCALE: 1" = 200'

LEGEND

---	PROP. UNDERGROUND
---	PROP. AERIAL
---	EX. ROADWAY
---	EX. R.O.W.
---	FENCE LINE
---	ROW AND FENCE LINE
---	EX. EASEMENT
---	EX. WATER LINE
---	EX. WASTEWATER LINE
---	EX. STORM SEWER
---	EX. DITCH LINE
---	EX. ELECTRIC
---	EX. GAS
---	EX. TELECOM
---	PROP. 24" X 36" X 24" VAULT
---	PROP. 17" X 30" X 24" PED
---	DUSTING POLE
---	POLE W/ RISER
---	PROP. ANCHOR

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Spectrum



SPECTRUM  
3993829  
RDOF\_TX\_CLUSTER\_2.TBD\_WIS5E  
UPSHUR COUNTY  
OSP PLAN

DESIGN BY:	LJAT	CHECKED BY:	JL
DRAWN BY:	HC	APPROVED BY:	KB
PROJECT NO:	2855-24-MS2	SHEET:	25 OF 30
DATE:	2/28/2025	PAGE:	25

MATCHLINE - SEE SHEET 24

MATCHLINE - SEE SHEET 26

02/28/2025  
S:\Section\Telecom\UPSHUR\PROJECTS\CHARTER-SPECTRUM\UPSHUR\TX\_CLUSTER\_2\_TBD\_WIS5E\UPSHUR\UPSHUR\_COUNTY.dwg

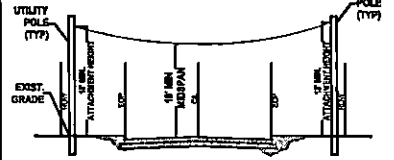
BIG SANDY, TX  
UPSHUR COUNTY

MATCHLINE - SEE SHEET 18

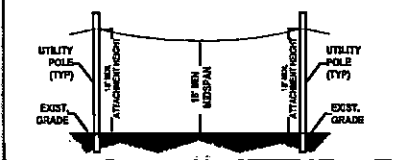
ASPER TRAIL

FM 1002 S

TYPICAL AERIAL ROAD CROSSING DETAIL  
NOT TO SCALE



TYPICAL AERIAL PARALLEL DETAIL  
NOT TO SCALE



100 50 0 100 200  
HORIZONTAL SCALE: 1" = 200'

LEGEND

- PROF UNDERGROUND
- PROF AERIAL
- EX ROADWAY
- EX R.O.W.
- FENCE LINE
- ROW AND FENCE LINE
- EX EASEMENT
- EX WATER LINE
- EX WASTEWATER LINE
- EX STORM SEWER
- EX DITCH LINE
- EX ELECTRIC
- EX GAS
- EX TELECOM
- PROF. 24"X36"X24" VAULT
- PROF. 17"X 30"X 24" PED
- EXISTING POLE
- POLE W/ RISER
- PROF ANCHOR

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Spectrum

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LJA TELECOM

SPECTRUM  
3993829  
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UPSHUR COUNTY  
OSP PLAN

DESIGN BY: LJA/T	CHECKED BY: J
DRAWN BY: RC	APPROVED BY: KB
PROJECT NO: 2805-24-N132	SHEET: 30 OF 30
DATE: 2/28/2025	PAGE: 30

CAUTION !!!  
CONTRACTOR TO LOCATE &  
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PRIOR TO CONSTRUCTION