



**PERMIT APPLICATION REVIEW FORM FOR
CABLE, CONDUIT, AND POLE LINE ACTIVITY
IN FORT BEND COUNTY**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytx.gov

☒ **Right of Way Permit**
☐ **Commercial Driveway Permit**

Permit No: 2018-20164

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | a. Name of road, street, and/or drainage ditch affected. |
| <input checked="" type="checkbox"/> | b. Vicinity map showing course of directions |
| <input checked="" type="checkbox"/> | c. Plans and specifications |

(2) BOND:

- | | | | |
|-------------------------------------|--|---|---------------------|
| <input type="checkbox"/> | County Attorney, approval when applicable. | | |
| <input checked="" type="checkbox"/> | Perpetual bond currently posted. | Bond No: [REDACTED] | Amount: \$50,000.00 |
| <input type="checkbox"/> | Performance bond submitted. | Bond No: _____ | Amount: _____ |
| <input type="checkbox"/> | Cashier's Check | Check No: _____ | Amount: _____ |

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

We have reviewed this project and agree it meets minimum requirements.

Rick J. Staigle, PE, PTOE

Permit Administrator

4/30/2018

Date

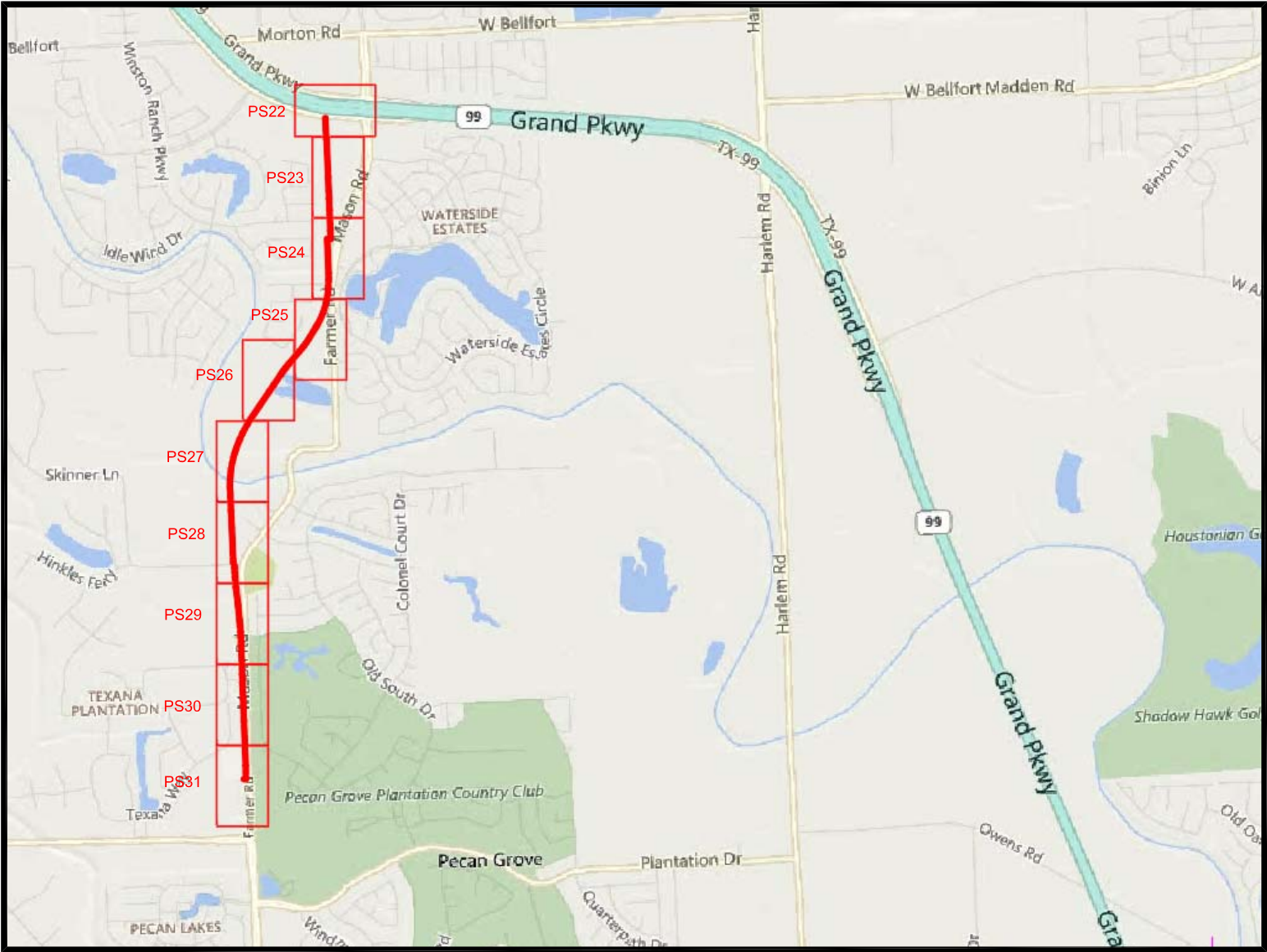
Fort Bend County

Notice of Construction in Right-of-Way

Cluster 55 - S. Mason Rd.

**PROPOSED BORED HDPE INNERDUCT AND FIBER TO BE PLACED
ALONG THE R.O.W. OF FARMER RD. AND S. MASON RD.**

Cluster 55



SITE LOCATION

KEY MAP: 526 W & 566 A, E & J



PERMITS REQUIRED /CONTACTS

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTRATOR
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

DRAWING LIST

- 1. COVER SHEET
- 2. GENERAL NOTES
- 3. LEGEND
- 4. PROJECT SHEET 22
- 5. PROJECT SHEET 23
- 6. PROJECT SHEET 24
- 7. PROJECT SHEET 25
- 8. PROJECT SHEET 26
- 9. PROJECT SHEET 27
- 10. PROJECT SHEET 28
- 11. PROJECT SHEET 29
- 12. PROJECT SHEET 30
- 13. PROJECT SHEET 31
- 14. PROFILE SHEET 1
- 15. PROFILE SHEET 2
- 16. PROFILE SHEET 3

DESIGN CONTRACTOR:

Design Co: FiberComm Services, LLC
Designer: Larry Anderson
Phone#: 713-726-1928

CONTRACTOR NOTE

PRIOR TO STARTING THE PROJECT THE CONTRACTOR WILL MEET WITH THE PROJECT MANAGER AT CROWN CASTLE FIBER OFFICE TO GO OVER THE PROJECT DETAILS FOR CONSTRUCTION. THE CONTRACTOR WILL MARK UP A SET OF DRAWINGS TO ENSURE BOTH THE PROJECT MANAGER AND THE CONTRACTOR HAS A CLEAR UNDERSTANDING AS TO WHAT IS EXPECTED OF THE CONTRACTOR TO COMPLETE. CONTRACTOR WILL IMMEDIATELY NOTIFY THE PROJECT MANAGER PRIOR TO ANY CHANGES, REQUESTS FROM OTHER AGENCIES AND ALL UNINTENTIONAL INCIDENTALS AND WILL ALSO FOLLOW-UP WITH AN EMAIL STATEMENT REGARDING THE REQUEST.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A FULL SET OF DRAWINGS, ALL REQUIRED PERMITS AND THE REQUIRED SAFETY ITEMS AT ALL PROJECT LOCATIONS.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT A COMPLETE SET OF AS-BUILT DRAWINGS (AS-BUILT - RED-LINE) OF ALL PERFORMED WORK PRIOR TO INVOICING. ALL AS-BUILT DRAWINGS MUST INCLUDE PICTURES OF ALL PHASES OF PERFORMED WORK. ALL LINE ITEMS THAT REQUIRE PRICING WILL HAVE PICTURES AS BACKUP, TO THE PERFORMED WORK AREA.

48 HOURS PRIOR TO CONSTRUCTION CONTACT CROWN CASTLE FIBER MANAGEMENT TEAM BY EMAIL NOTIFICATION.

| | | |
|---|----------|------------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | |
| LOC: FORT BEND COUNTY | | |
| PMO# / TGT BUILDING ID: N/A | | |
| PM: RONNIE SHORTHORSE 346-206-5092 | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | |
| DRAWING | DATE | ENG DESIGN |
| ORIGINAL | 04/16/18 | FCS |
| Rev#1 | N/A | N/A |
| AS-BUILT | N/A | N/A |
| CROWN CASTLE FIBER | | PAGE: 1 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | OF: 16 |

GENERAL NOTES

GENERAL NOTES:

1. CONTRACTOR MUST OBTAIN LOCATES PRIOR TO DISTURBING THE GROUND.
2. THE CONTRACTOR SHALL CONTACT A MEMBER OF TEXAS ONE CALL SYSTEM A MIN. OF 48 HOURS BEFORE DIGGING. YOU ONLY NEED TO CONTACT ONE CENTER. THAT CENTER WILL RELAY THE INFORMATION TO THE OTHER TWO CENTERS.
- TEXAS ONE CALL 713-223-4567 OR 1-800-245-4545

•

TESS (TEXAS EXCAVATION SAFETY SYSTEM) 811

•

LONE STAR NOTIFICATION SYSTEM 800-669-8344 OR 713-223-4567

•

REMINDER : ANY UNDERGROUND FACILITY OWNERS WHO ARE NOT MEMBERS OF TEXAS ONE CALL, TESS OR LONESTAR
3. NOTIFICATION CENTERS IN THE STATE OF TEXAS, MUST BE CONTACTED DIRECTLY BY THE ORIGINATOR OF THE LOCATION REQUEST.
4. CONTRACTOR MUST HAVE A COPY OF THE APPROVED PERMIT FROM THE APPROPRIATE AGENCY ON THE JOBSITE AT ALL TIMES.
5. THE CONTRACTOR SHALL VERIFY THE ROAD R.O.W. AND EASEMENTS PROIR TO COMMENCING WORK. NO FACILITIES SHOULD BE PLACED ON PRIVATE PROPERTY UNLESS OTHERWISE SPECIFIED.
6. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ALL DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND FACILITIES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING WATER, WASTEWATER AND STORM DRAINAGE LINES. DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE MUNICIPALITY AGENCY (STATE, COUNTY, OR CITY), DEPARTMENT OF PUBLIC WORKS AND ENGINEERING’S STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING AND STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION S SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING REFERENCED ABOVE, AT NO ADDITIONAL COST.
8. ALL CABLE WILL BE PLACED AT STANDARD MINIMUM DEPTH. (CROWN CASTLE FIBER STANDARD IS 48" DEEP UNLESS OTHERWISE DIRECTED BY A CROWN CASTLE FIBER REPRESENTATIVE OR SPECIFIED ON THE DRAWING.)
9. NO MORE TRENCH OPENED AT ONE TIME THAN CAN BE BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH DAY. (NO TRENCH LEFT OPENED OVERNIGHT)
10. ALL EXCESS EXCAVATION TO BE REMOVED FROM THE ROAD RIGHT-OF-WAY AT THE END OF EACH DAY.
11. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.
12. ROAD MUST BE KEPT OPEN TO TRAFFIC AND CONTRACTOR MUST PROVIDE ADEQUATE FLAGMEN, SIGNALS, ETC., TO PROVIDE COMPLETE SAFETY TO THE PUBLIC. IF IT BECOMES NECESSARY FOR EQUIPMENT TO OPERATE ON A PORTION OF THE PAVEMENT, PRECAUTIONS MUST BE TAKEN TO PREVENT ANY DAMAGE WHATSOEVER TO THE PAVEMENT.
13. CONDITION OF ROAD UPON COMPLETION OF JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING
14. CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
15. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.
16. NO CONSTRUCTION ON PRIVATE PROPERTY WILL COMMENCE UNTIL RIGHT OF ENTRY OR EASEMENT IS GRANTED.
17. CONTRACTOR SHALL NOT EXCEED THE PURCHASE ORDER VALUE WITHOUT AUTHORIZATION IN WRITING FROM THE APPROPRIATE CROWN CASTLE FIBER REPRESENTATIVE ANY LANDSCAPING WILL BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.
18. PROJECT SITE WILL BE PROPERLY SECURED PRIOR TO THE END OF EACH DAY.
19. ALL WORK IS TO BE IN ACCORDANCE WITH THE STANDARDS OF ALL AUTHORITIES HAVING JURISDICTION IN THE WORK ZONE.
20. CONTRACTORS ARE ADVISED TO CONTACT CROWN CASTLE FIBER FOR ANY ADDITIONAL INFORMATION OR CLARIFICATION CONCERNING SCOPE OF WORK OR THE REQUIREMENTS NECESSARY FOR PROJECT COMPLETION.
21. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, QUANTITIES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF A SIGNIFICANT CHANGE TO THE RUNNING LINE IS NEEDED, PLEASE CONTACT YOUR CROWN CASTLE FIBER REPRESENTATIVE BEFORE PROCEEDING.
22. BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO AVOID ANY POTENTIAL OBSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.
23. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.
24. CONTRACTOR WILL COMPLETE ALL WORK PER "CROWN CASTLE FIBER" CONSTRUCTION SPECIFICATIONS.
25. CONTRACTOR SHALL MAINTAIN A SET OF REDLINE DRAWINGS RECORDING AS-BUILT CONDITIONS DURING CONSTRUCTION. THESE REDLINE MARKED UP DRAWINGS WILL BE SUBMITTED TO THE DESIGN CONSULTANT WHO WILL MAKE THE CHANGES ON THE AS-BUILT RECORD DRAWINGS.
26. RIGHT-OF-WAY WILL BE RESTORED TO EQUAL OR BETTER CONDITION WHEN CONSTRUCTION IS COMPLETE.

| ABBR. | DESCRIPTION |
|--------|---------------------------|
| B.O. | BUILDING OWNED |
| B.O.C. | BUILDING OWNED CONDUIT |
| EOC | EDGE OF CURB |
| EMT | ELECTIC METALLIC TUBING |
| EOP | EDGE OF PAVEMENT |
| FDP | FIBER DISTRIBUTION PANEL |
| FF | FINISHED FLOOR |
| FMC | FLEXIBLE METALLIC CONDUIT |
| GRC | GALVANIZED RIGID CONDUIT |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HH | HANDHOLE |
| JB | JUNCTION BOX |
| MH | MANHOLE |
| PB | PULLBOX |
| PL | PROPERTY LINE |
| PVC | POLYVINYL CHLORIDE |
| ROW | RIGHT OF WAY |
| SP | SPLICE PANEL |
| STA. | STATION |
| S/W | SIDEWALK |

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTER
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.
2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.


PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

APWA STANDARD

COLOR CODE FOR TEMPORARY MARKING OF UNDERGROUND FACILITIES:

RED = ELECTRIC POWERLINES, CABLES, CONDUIT, AND LIGHTING CABLES
YELLOW = GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIAL
ORANGE = COMMUNICATION, ALARM, OR SIGNAL LINES, CABLES, OR CONDUIT
BLUE = POTABLE WATER
GREEN = SEWER AND DRAIN LINES
PURPLE = RECLAIMED WATER, IRRIGATION, AND SLURRY
PINK = TEMPORARY SURVEY MARKINGS
WHITE = PROPOSED EXCAVATION



| | | | |
|--|----------|------------|-------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHORSE 346–206–5092 | | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
|  CROWN CASTLE FIBER | | | PAGE: |
| | | | 2 |
| | | | OF: |
| | | | 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |

LEGEND

| | | | | | | | | | | | | | | | |
|--------------------------|-------------------------------|--|------------------------------------|--------------------------|----------------------------|-----------------------------|--|--|------------------------|--|-------------------------|--|-----|--|-------------------------------|
| | BOND | <table><tr><td>POLE NO.</td><td>1</td></tr><tr><td>ATTACHMENT</td><td>00'-00"</td></tr></table> | POLE NO. | 1 | ATTACHMENT | 00'-00" | POLE ATTACHMENT EXISTING | | CABLE SIZE EXISTING | | EOC | | EOC | | CIVIL - EDGE OF CURB |
| POLE NO. | 1 | | | | | | | | | | | | | | |
| ATTACHMENT | 00'-00" | | | | | | | | | | | | | | |
| | JOINT USE POLE | <table><tr><td>POLE NO.</td><td>1</td></tr><tr><td>ATTACHMENT</td><td>00'-00"</td></tr></table> | POLE NO. | 1 | ATTACHMENT | 00'-00" | POLE ATTACHMENT PROPOSED | | CABLE SIZE PROPOSED | | EOP | | EOP | | CIVIL - EDGE OF PAVEMENT |
| POLE NO. | 1 | | | | | | | | | | | | | | |
| ATTACHMENT | 00'-00" | | | | | | | | | | | | | | |
| | JOINT USE POLE W/ TRANSFORMER | P-P= FTG | STRAND FTG. EXISTING | | SLACK LOOP AERIAL EXISTING | | PL | | PL | | CIVIL - PROPERTY LINE | | | | |
| | POWER POLE | P-P= FTG | STRAND FTG. PROPOSED | | SLACK LOOP AERIAL PROPOSED | | | | | | CIVIL - RAILROAD TRACKS | | | | |
| | POWER POLE W/ TRANSFORMER | <table><tr><td>MH</td><td>0+00 OWNER MANHOLE SIZE</td></tr><tr><td>MH</td><td>0+00 CC FIBER MANHOLE SIZE</td></tr></table> | MH | 0+00 OWNER MANHOLE SIZE | MH | 0+00 CC FIBER MANHOLE SIZE | MANHOLE EXISTING MANHOLE PROPOSED | | SLACK LOOP UG EXISTING | | R/W | | R/W | | CIVIL - RIGHT OF WAY |
| MH | 0+00 OWNER MANHOLE SIZE | | | | | | | | | | | | | | |
| MH | 0+00 CC FIBER MANHOLE SIZE | | | | | | | | | | | | | | |
| | STEEL POLE | <table><tr><td>HH</td><td>0+00 OWNER HANDHOLE SIZE</td></tr><tr><td>HH</td><td>0+00 CC FIBER HANDHOLE SIZE</td></tr></table> | HH | 0+00 OWNER HANDHOLE SIZE | HH | 0+00 CC FIBER HANDHOLE SIZE | HANDHOLE EXISTING HANDHOLE PROPOSED | | SLACK UG PROPOSED | | A | | A | | P - FIBER - AERIAL - EXISTING |
| HH | 0+00 OWNER HANDHOLE SIZE | | | | | | | | | | | | | | |
| HH | 0+00 CC FIBER HANDHOLE SIZE | | | | | | | | | | | | | | |
| | CONCRETE POLE | <table><tr><td>HH</td><td>0+00 OWNER HANDHOLE SIZE</td></tr><tr><td>HH</td><td>0+00 CC FIBER HANDHOLE SIZE</td></tr></table> | HH | 0+00 OWNER HANDHOLE SIZE | HH | 0+00 CC FIBER HANDHOLE SIZE | HANDHOLE EXISTING HANDHOLE PROPOSED | | SPLICE CASE EXISTING | | | | | | P - FIBER - AERIAL - PROPOSED |
| HH | 0+00 OWNER HANDHOLE SIZE | | | | | | | | | | | | | | |
| HH | 0+00 CC FIBER HANDHOLE SIZE | | | | | | | | | | | | | | |
| | TELCO POLE | <table><tr><td>HH</td><td>0+00 OWNER HANDHOLE SIZE</td></tr><tr><td>HH</td><td>0+00 CC FIBER HANDHOLE SIZE</td></tr></table> | HH | 0+00 OWNER HANDHOLE SIZE | HH | 0+00 CC FIBER HANDHOLE SIZE | HANDHOLE EXISTING HANDHOLE PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - FIBER - ISP - EXISTING |
| HH | 0+00 OWNER HANDHOLE SIZE | | | | | | | | | | | | | | |
| HH | 0+00 CC FIBER HANDHOLE SIZE | | | | | | | | | | | | | | |
| | PROPOSED TELCO POLE | <table><tr><td>PB</td><td>0+00 OWNER SIZE</td></tr><tr><td>PB</td><td>0+00 CC FIBER SIZE</td></tr></table> | PB | 0+00 OWNER SIZE | PB | 0+00 CC FIBER SIZE | PULLBOX EXISTING PULLBOX PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - FIBER - ISP - PROPOSED |
| PB | 0+00 OWNER SIZE | | | | | | | | | | | | | | |
| PB | 0+00 CC FIBER SIZE | | | | | | | | | | | | | | |
| | EXISTING RISER | H-H= FTG 3-1.25" | CONDUIT / INNER-DUCT FTG. EXISTING | | SPLICE CASE PROPOSED | | ABAN | | ABAN | | P - FIBER ABANDON | | | | |
| | PROPOSED RISER | H-H= FTG 3-1.25" | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | FX | | FX | | P - FIBER REMOVE | | | | |
| | EXISTING DOWN GUY & ANCHOR | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. EXISTING | | SPLICE CASE PROPOSED | | | | | | P - STRAND EXISTING |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | PROPOSED DOWN GUY & ANCHOR | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - STRAND PROPOSED |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | EXISTING DOWN GUY | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - STRAND-DEMO |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | PROPOSED DOWN GUY | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - DUCT ISP EXISTING |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | EXISTING S/W GUY & ANCHOR | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - DUCT ISP PROPOSED |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | PROPOSED S/W GUY & ANCHOR | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | B | | B | | P - FIBER - BURIED - EXISTING |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | EXISTING S/W GUY | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - FIBER - BURIED - PROPOSED |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | PROPOSED S/W GUY | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - DUCT EXISTING |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | EXISTING EXTENDED MESSENGER | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | | | | | P - DUCT PROPOSED |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | PROPOSED EXTENDED MESSENGER | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | G | | G | | UTILITIES - GAS |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | OVERHEAD GUY EXISTING | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | SS | | SS | | UTILITIES - SANITARY SEWER |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | OVERHEAD GUY PROPOSED | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | SL | | SL | | UTILITIES - STORM |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |
| | | <table><tr><td>0+00 OWNER OS-5' COTT</td><td></td></tr><tr><td>0+00 CC FIBER OS-5' COTT</td><td></td></tr></table> | 0+00 OWNER OS-5' COTT | | 0+00 CC FIBER OS-5' COTT | | CONDUIT / INNER-DUCT FTG. PROPOSED | | SPLICE CASE PROPOSED | | W | | W | | UTILITIES - WATER |
| 0+00 OWNER OS-5' COTT | | | | | | | | | | | | | | | |
| 0+00 CC FIBER OS-5' COTT | | | | | | | | | | | | | | | |

811

TITLE: CLUSTER 55 – FORT BEND FARMER RD. & S. MASON RD


LOC: FORT BEND COUNTY

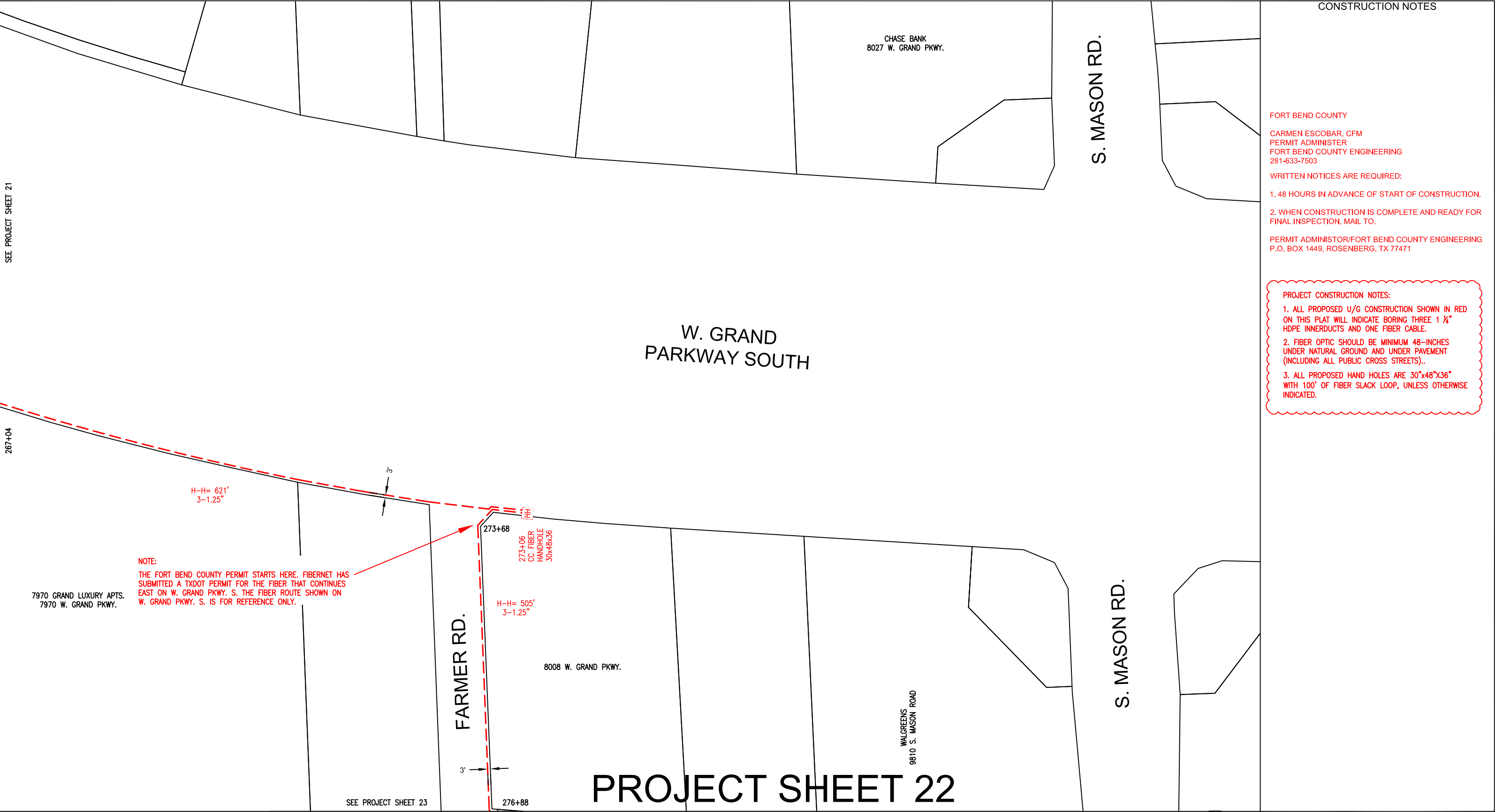
PMO#/ TGT BUILDING ID: N/A

PM: RONNIE SHORTHOSE 346–206



Know what's below.
Call before you dig.

| | | | |
|---|----------|------------|---------|
| TITLE: CLUSTER 55 - FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHOSE 346-206-5092 | | | |
| DWG: Fort Bend - S Mason Rd - Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
|  | | | PAGE: 3 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | OF: 16 |



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTER
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

PROJECT CONSTRUCTION NOTES:

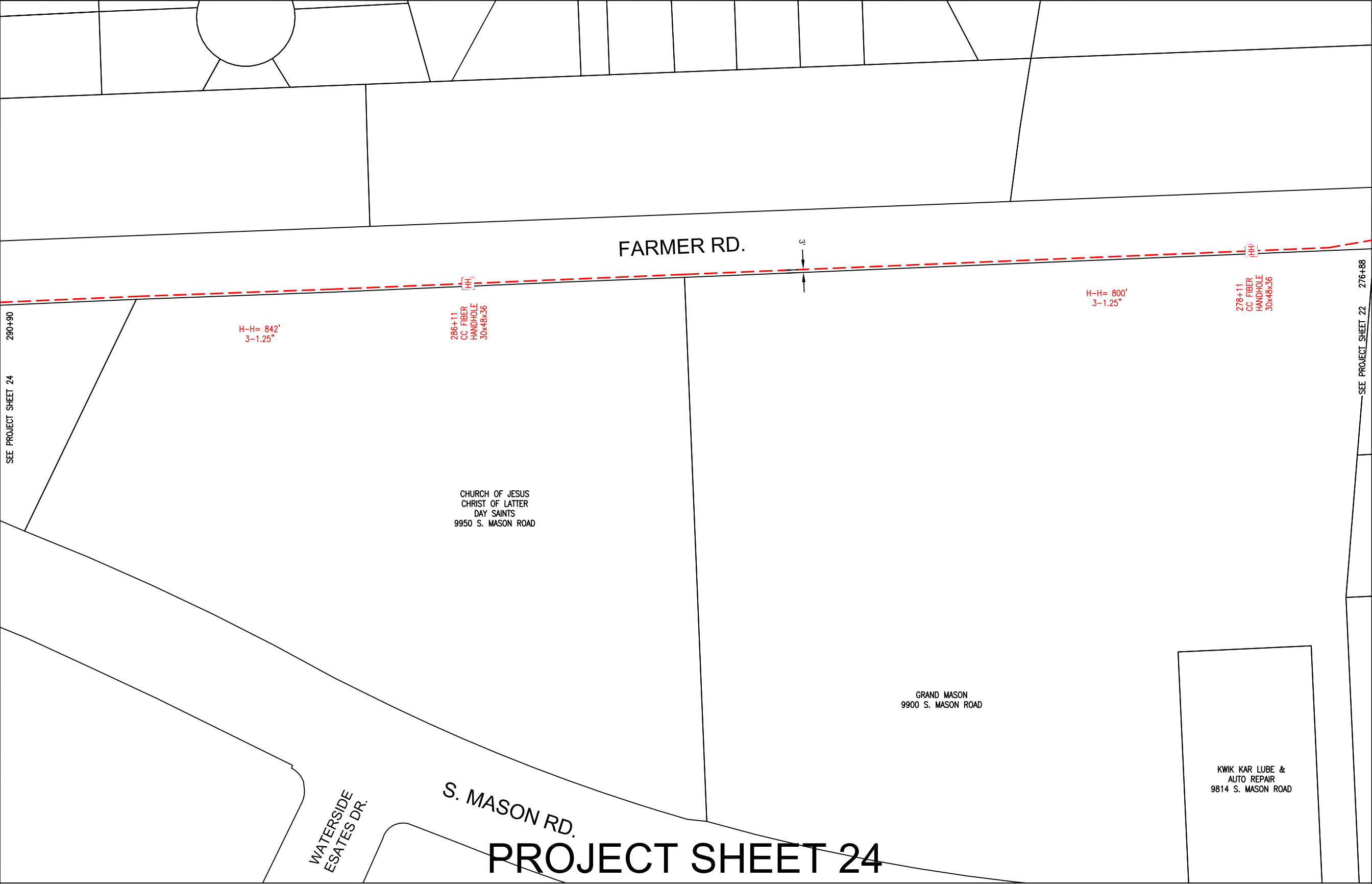
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 ¼" HDPE INNERDUCTS AND ONE FIBER CABLE.

2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.

SCALE: 1"=100'

| | | |
|---|----------|-------------------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | |
| LOC: FORT BEND COUNTY | | |
| PMO# / TGT BUILDING ID: N/A | | |
| PM: RONNIE SHORTHOSE 346-206-5092 | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | |
| DRAWING | DATE | ENG DESIGN |
| ORIGINAL | 04/16/18 | FCS |
| Rev#1 | N/A | N/A |
| AS-BUILT | N/A | N/A |
| | | PAGE: 4 OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | |



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTER
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 ¼" HDPE INNERDUCTS AND ONE FIBER CABLE.

2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.

SCALE: 1"=100'

PROJECT SHEET 24

SEE PROJECT SHEET 24

SEE PROJECT SHEET 22

TITLE: CLUSTER 55 – FORT BEND PERMIT
FARMER RD. & S. MASON RD.

LOC: FORT BEND COUNTY

PMO# / TGT BUILDING ID: N/A

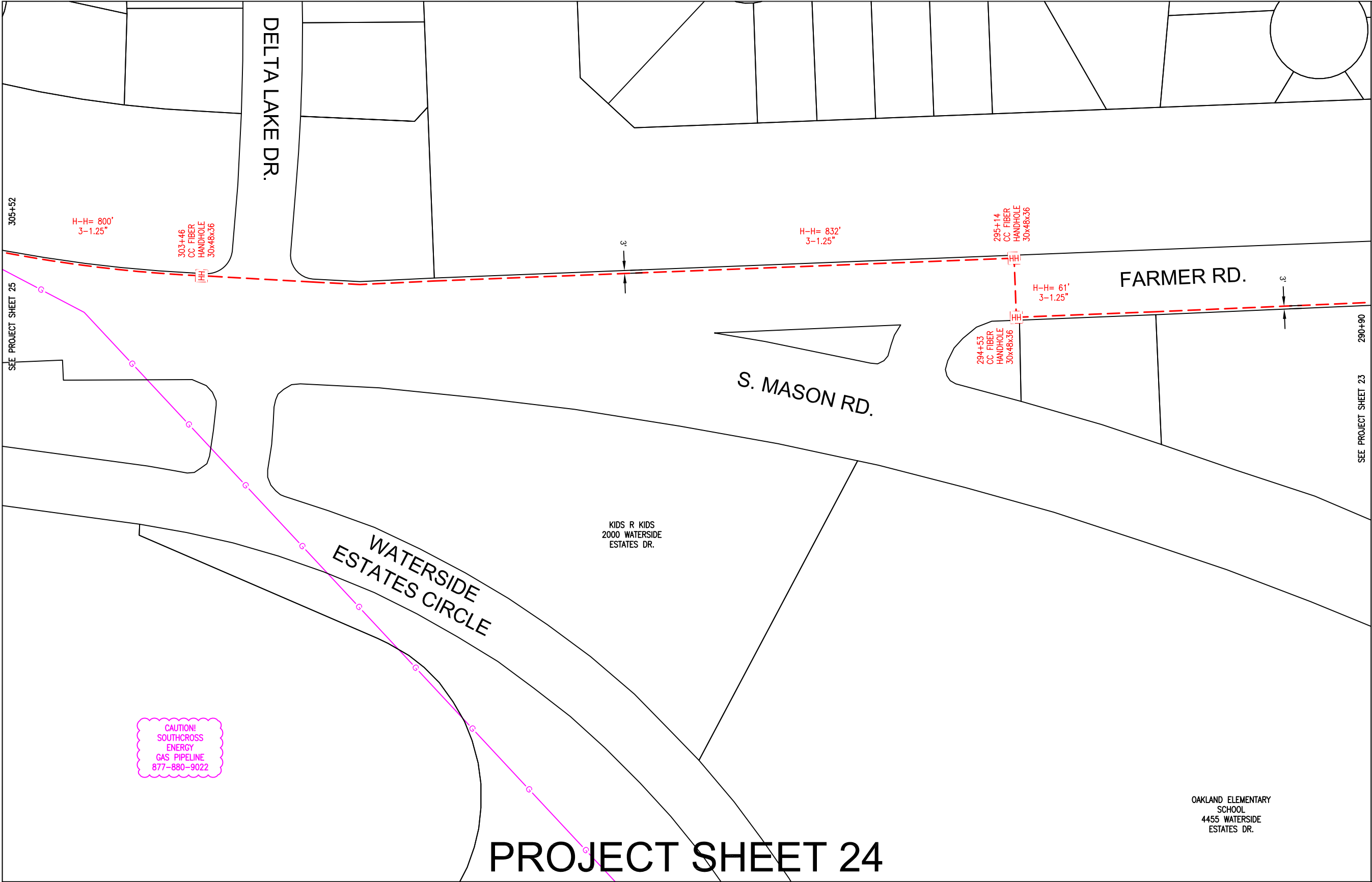
PM: RONNIE SHORTHOSE 346–206–5092

DWG: Fort Bend – S Mason Rd – Cluster 55.dwg

| | | |
|----------|----------|------------|
| DRAWING | DATE | ENG DESIGN |
| ORIGINAL | 04/16/18 | FCS |
| Rev#1 | N/A | N/A |
| AS-BUILT | N/A | N/A |

PAGE: 5
OF: 16

PROPRIETARY INFORMATION OF CROWN CASTLE FIBER



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTER
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/4" HDPE INNERDUCTS AND ONE FIBER CABLE.

2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.

PROJECT SHEET 24

CAUTION!
SOUTHCROSS
ENERGY
GAS PIPELINE
877-880-9022

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

0 25' 50' 75' 100'
SCALE: 1"=100'

0 25' 50' 75' 100'
SCALE: 1"=100'

| | | | |
|---|----------|------------|---------|
| TITLE: CLUSTER 55 - FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHORSE 346-206-5092 | | | |
| DWG: Fort Bend - S Mason Rd - Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
| CROWN CASTLE FIBER | | | PAGE: 6 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | OF: 16 |

SEE PROJECT SHEET 26

317+10

LONG CROSS DR.

CROWNSTONE DR.

S. MASON RD.

H-H= 800'
3-1.25"

311+46
CC FIBER
HANDHOLE
30x48x36

3'

CAUTION!
SOUTHCROSS
ENERGY
GAS PIPELINE
877-880-9022

305+52

SEE PROJECT SHEET 24

FARMER ROAD

MITCHELL
LAKE DR.

CARTERS LAKE DR.

WATERSIDE
ESTATES CIRCLE

PROJECT SHEET 25

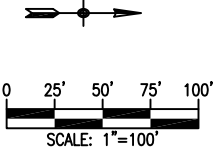
CONSTRUCTION NOTES

FORT BEND COUNTY
CARMEN ESCOBAR, CFM
PERMIT ADMINISTER
FORT BEND COUNTY ENGINEERING
281-633-7503

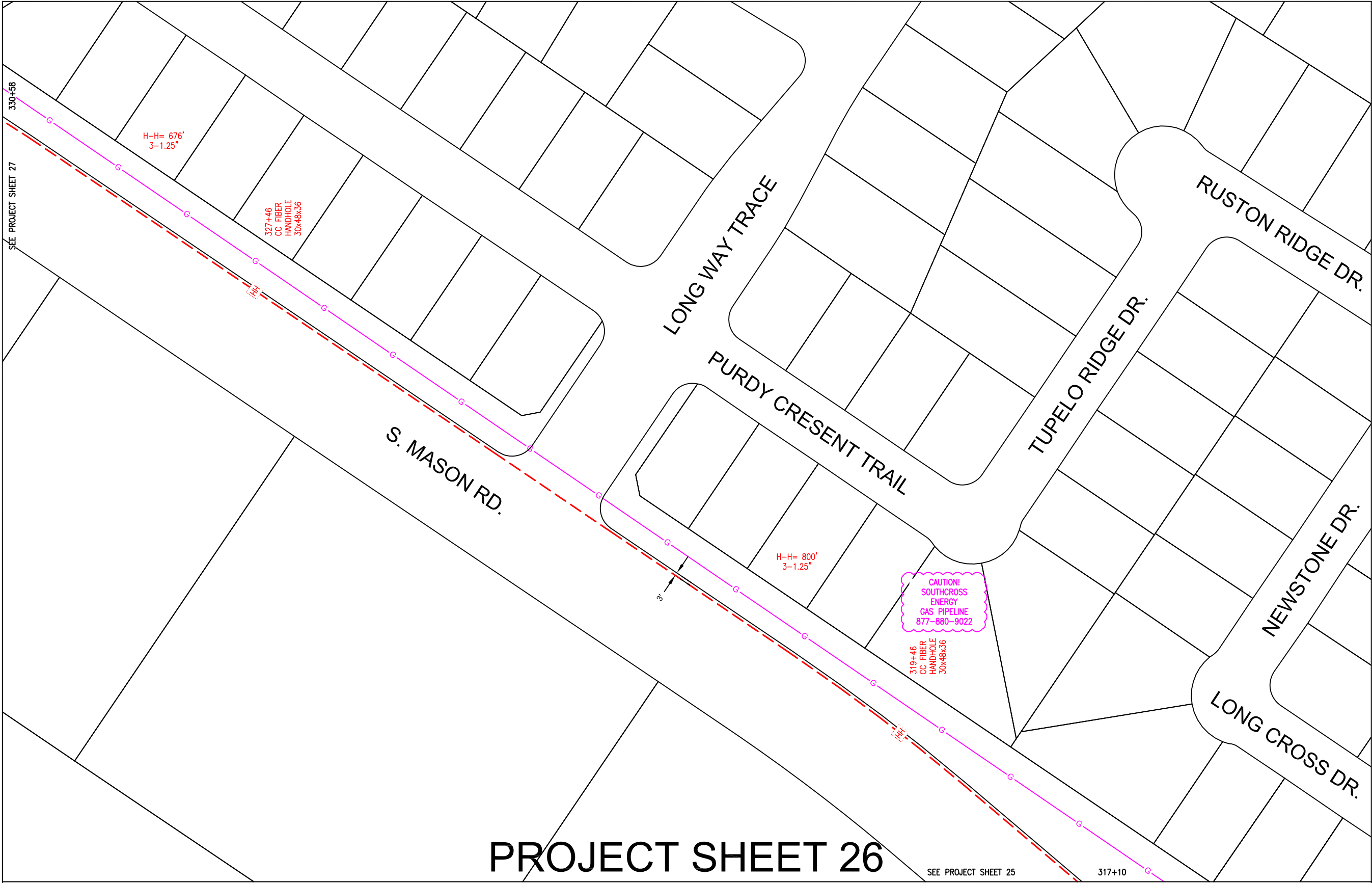
- WRITTEN NOTICES ARE REQUIRED:
1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.
 2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

- PROJECT CONSTRUCTION NOTES:
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/4" HDPE INNERDUCTS AND ONE FIBER CABLE.
 2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..
 3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.



| | | |
|---|----------|------------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | |
| LOC: FORT BEND COUNTY | | |
| PMO# / TGT BUILDING ID: N/A | | |
| PM: RONNIE SHORTHOSE 346-206-5092 | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | |
| DRAWING | DATE | ENG DESIGN |
| ORIGINAL | 04/16/18 | FCS |
| Rev#1 | N/A | N/A |
| AS-BUILT | N/A | N/A |
| CC CROWN CASTLE FIBER | | PAGE: 7 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | OF: 16 |



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTRATOR
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO:

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 ¼" HDPE INNERDUCTS AND ONE FIBER CABLE.

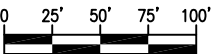


2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.


PROJECT SHEET 26

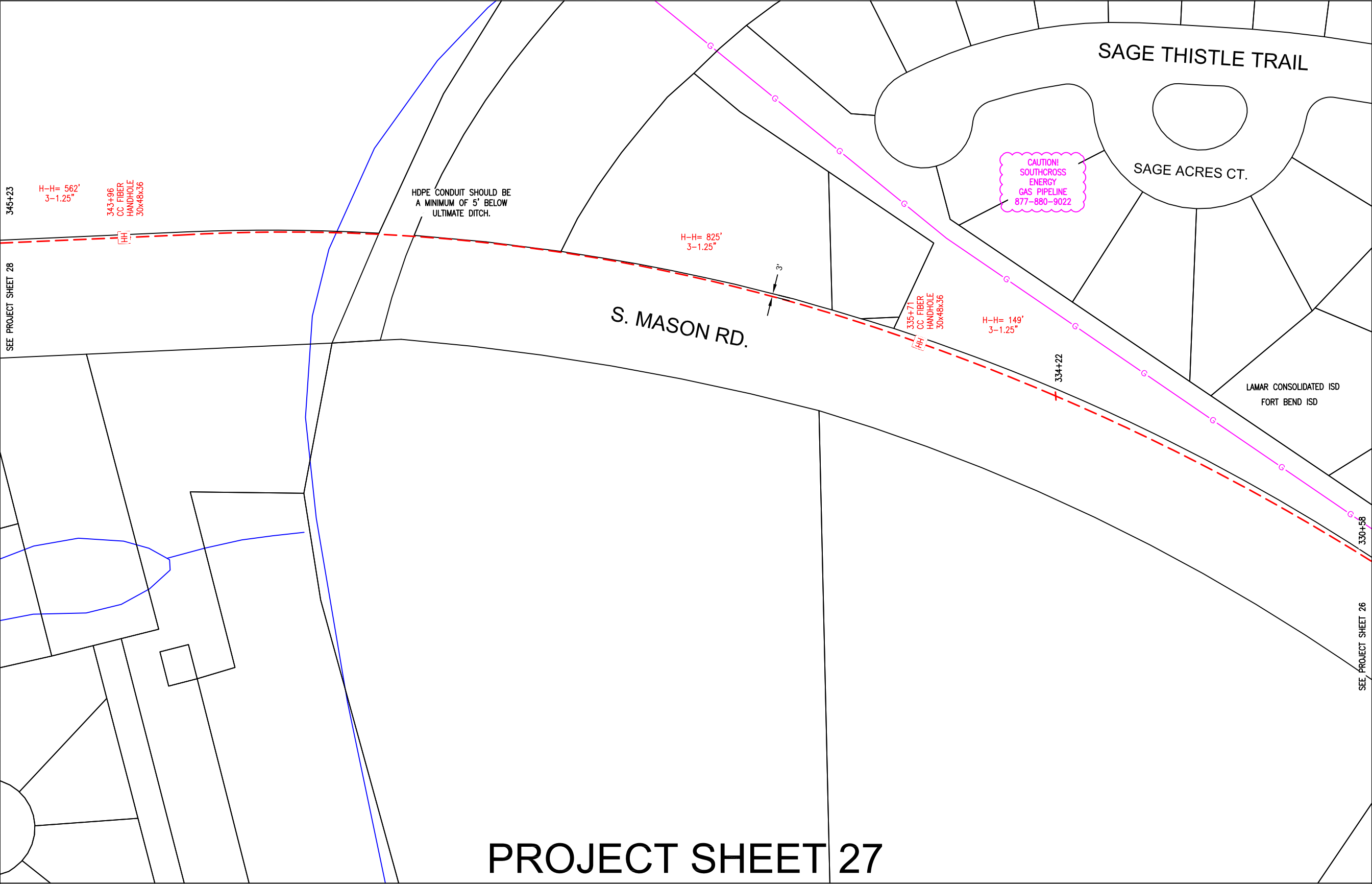
SEE PROJECT SHEET 25

317+10



SCALE: 1"=100'

| | | | |
|---|----------|------------|---------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHORSE 346-206-5092 | | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
|  | | | PAGE: 8 |
| | | | OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTRATOR
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471


PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/4" HDPE INNERDUCTS AND ONE FIBER CABLE.

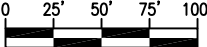

2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.

PROJECT SHEET 27



Know what's below.
Call before you dig.



SCALE: 1"=100'

TITLE: CLUSTER 55 – FORT BEND PERMIT
FARMER RD. & S. MASON RD.


LOC: FORT BEND COUNTY

PMO# / TGT BUILDING ID: N/A

PM: RONNIE SHORTHOSE 346–206–5092

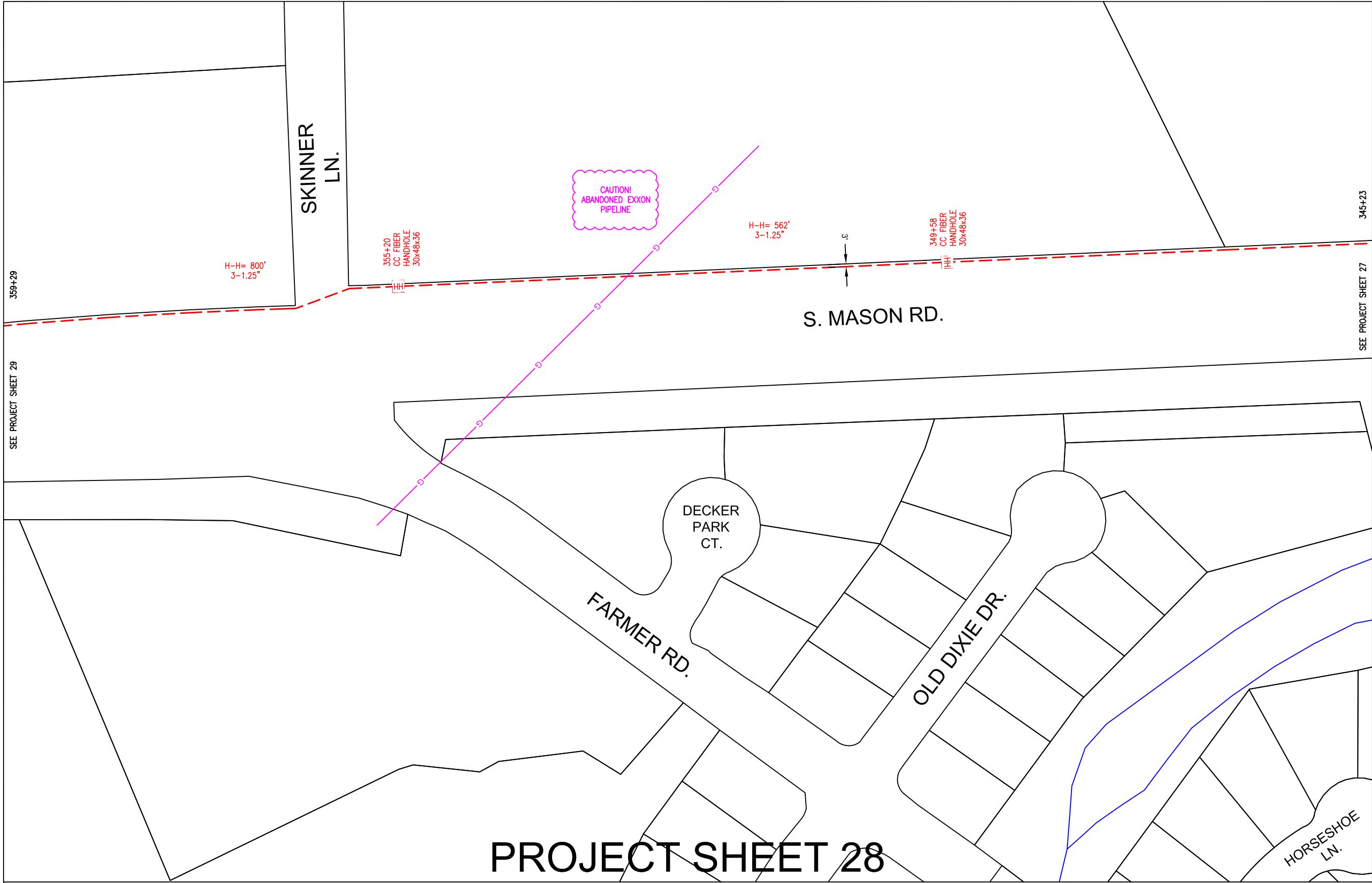
DWG: Fort Bend – S Mason Rd – Cluster 55.dwg

| | | |
|----------|----------|------------|
| DRAWING | DATE | ENG DESIGN |
| ORIGINAL | 04/16/18 | FCS |
| Rev#1 | N/A | N/A |
| AS-BUILT | N/A | N/A |



PAGE: 9
OF: 16

PROPRIETARY INFORMATION OF CROWN CASTLE FIBER



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTRATOR
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO:

PERMIT ADMINISTRATOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

PROJECT CONSTRUCTION NOTES:

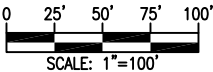
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/4" HDPE INNERDUCTS AND ONE FIBER CABLE.

2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

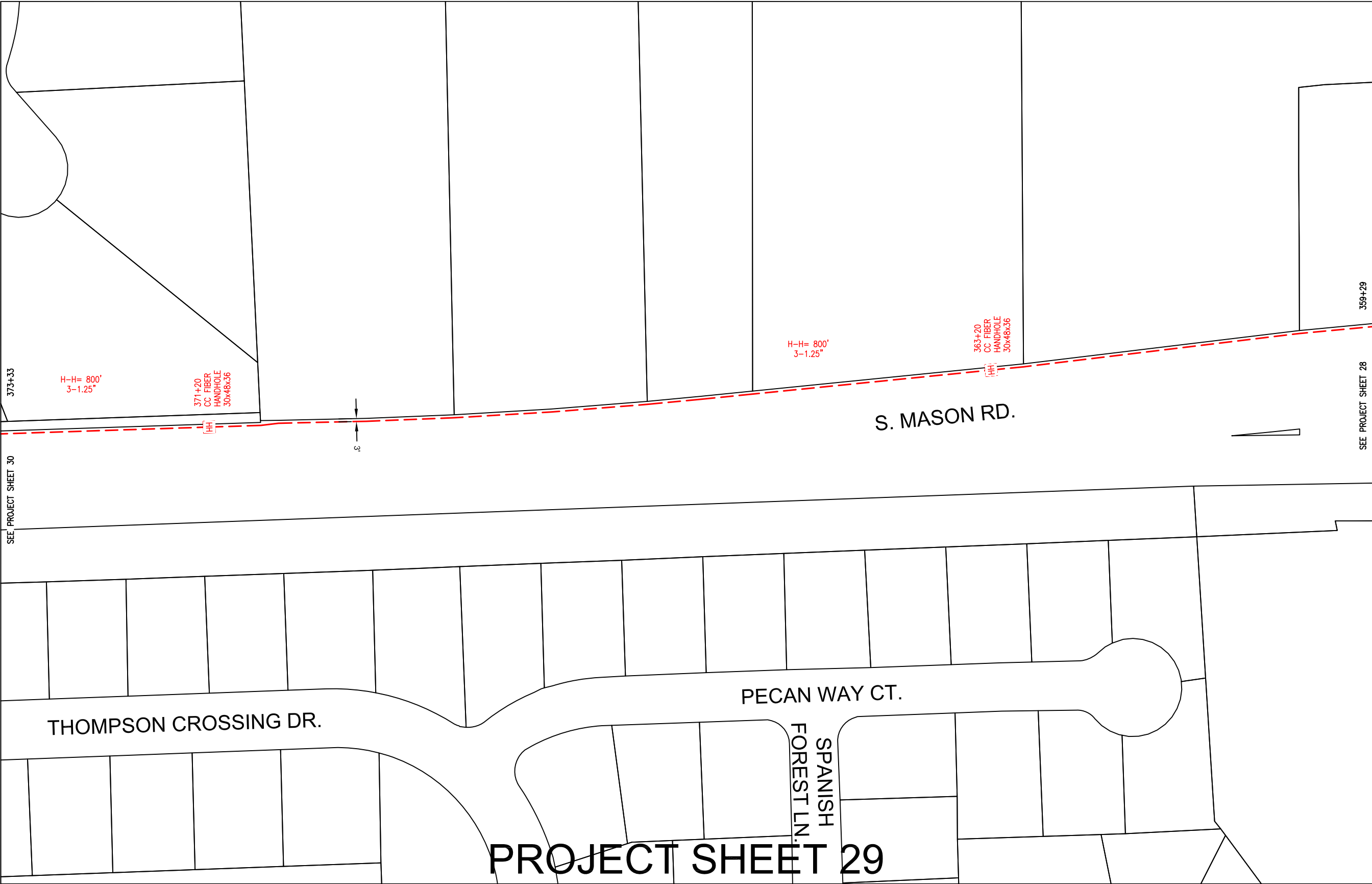
3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.



Know what's below.
Call before you dig.



| | | | |
|---|----------|------------|----------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHORSE 346–206–5092 | | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
| | | | PAGE: 10 |
| | | | OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTRATOR
FORT BEND COUNTY ENGINEERING
281-633-7503

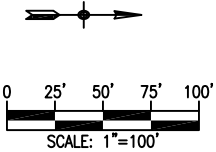
WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

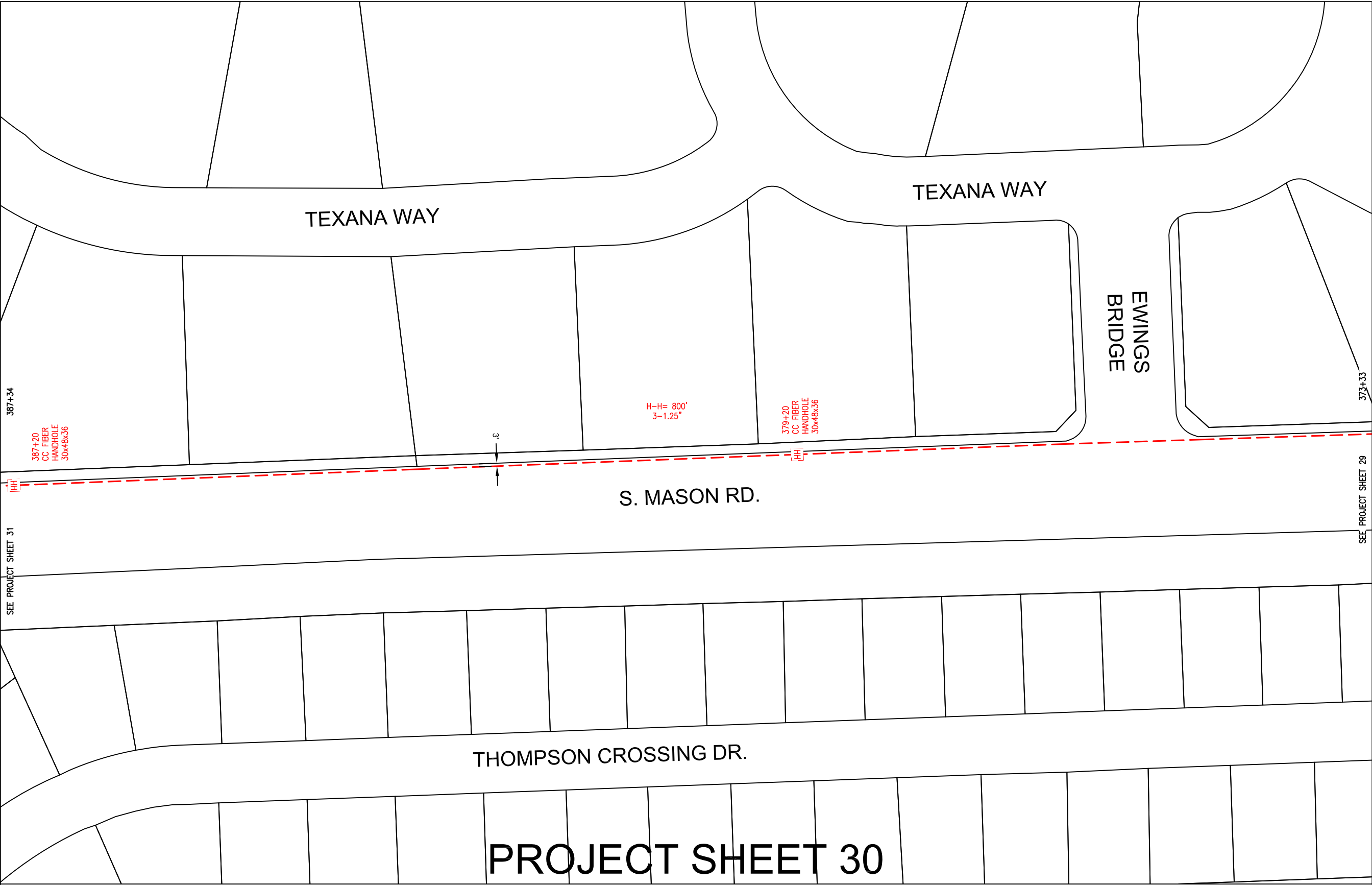
2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

- PROJECT CONSTRUCTION NOTES:
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 ¼" HDPE INNERDUCTS AND ONE FIBER CABLE.
 2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..
 3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.



| | | | |
|---|----------|------------|----------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHOSE 346–206–5092 | | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
| | | | PAGE: 11 |
| | | | OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |



CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTER
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471

PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 ¼" HDPE INNERDUCTS AND ONE FIBER CABLE.

2. FIBER OPTIC SHOULD BE MINIMUM 48--INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.

SEE PROJECT SHEET 31

SEE PROJECT SHEET 29

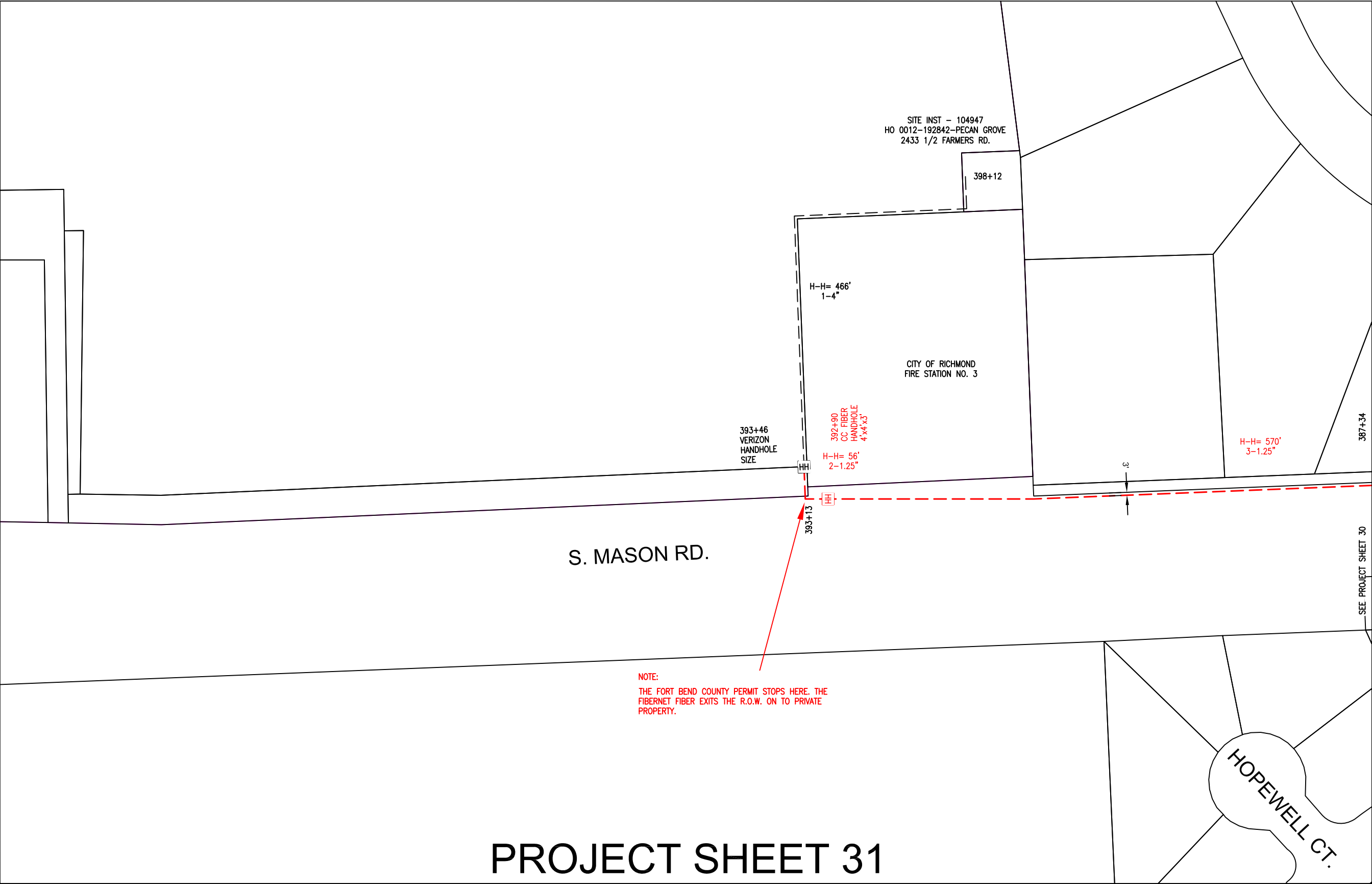
811
Know what's below.
Call before you dig.

025'50'75'100'

SCALE: 1"=100'

PROJECT SHEET 30

| | | | |
|---|----------|------------|----------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHOSE 346–206–5092 | | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
| <div>CC CROWN CASTLE FIBER</div> | | | PAGE: 12 |
| | | | OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |



PROJECT SHEET 31

NOTE:
THE FORT BEND COUNTY PERMIT STOPS HERE. THE FIBERNET FIBER EXITS THE R.O.W. ON TO PRIVATE PROPERTY.

CONSTRUCTION NOTES

FORT BEND COUNTY

CARMEN ESCOBAR, CFM
PERMIT ADMINISTER
FORT BEND COUNTY ENGINEERING
281-633-7503

WRITTEN NOTICES ARE REQUIRED:

1. 48 HOURS IN ADVANCE OF START OF CONSTRUCTION.

2. WHEN CONSTRUCTION IS COMPLETE AND READY FOR FINAL INSPECTION, MAIL TO.

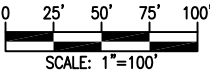


PERMIT ADMINISTOR/FORT BEND COUNTY ENGINEERING
P.O. BOX 1449, ROSENBERG, TX 77471


PROJECT CONSTRUCTION NOTES:

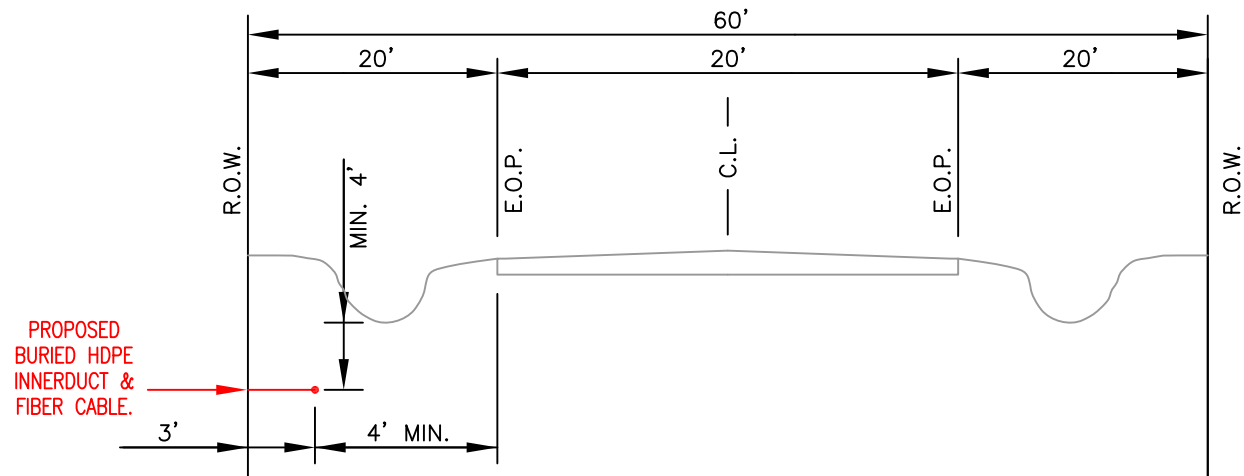
1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING THREE 1 1/4" HDPE INNERDUCTS AND ONE FIBER CABLE.

2. FIBER OPTIC SHOULD BE MINIMUM 48-INCHES UNDER NATURAL GROUND AND UNDER PAVEMENT (INCLUDING ALL PUBLIC CROSS STREETS)..

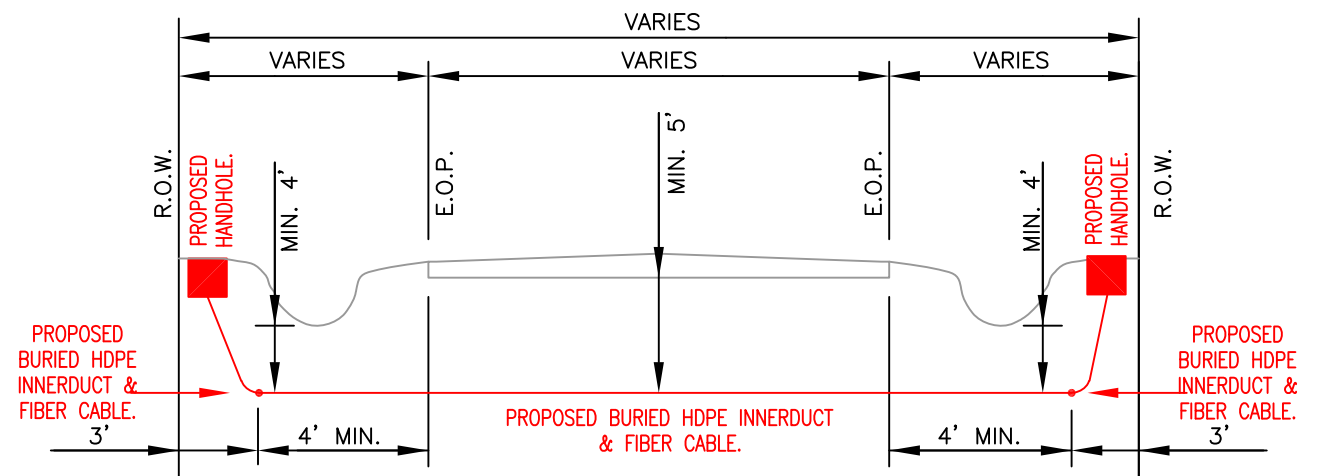
3. ALL PROPOSED HAND HOLES ARE 30"x48"x36" WITH 100' OF FIBER SLACK LOOP, UNLESS OTHERWISE INDICATED.



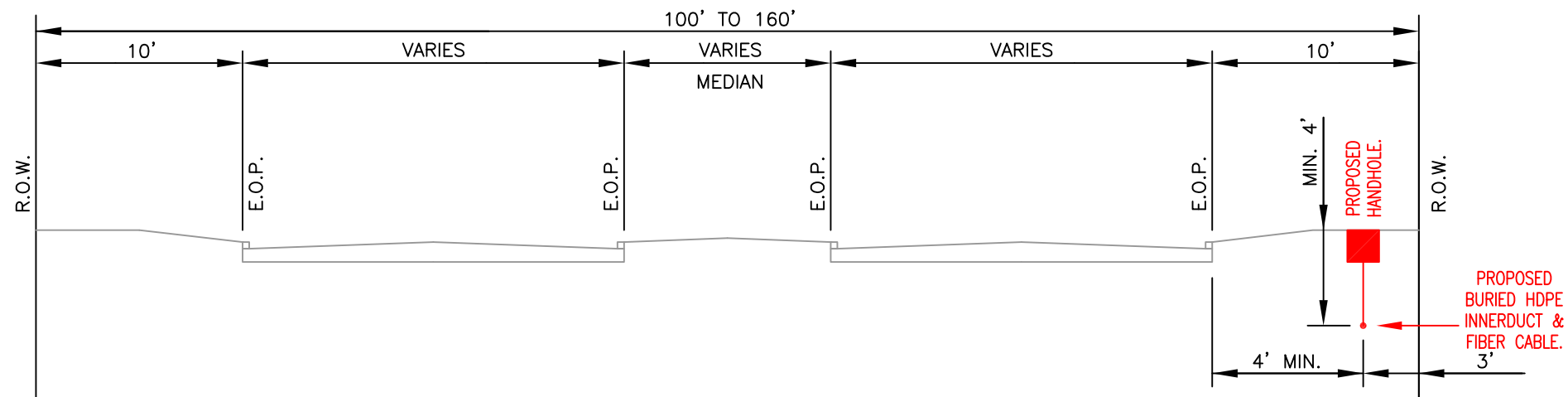
| | | | |
|---|----------|------------|----------|
| TITLE: CLUSTER 55 - FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHORSE 346-206-5092 | | | |
| DWG: Fort Bend - S Mason Rd - Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
|  | | | PAGE: 13 |
| | | | OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |



FARMER RD. FROM W. GRAND PKWY.
TO S. MASON RD.
LOOKING SOUTH




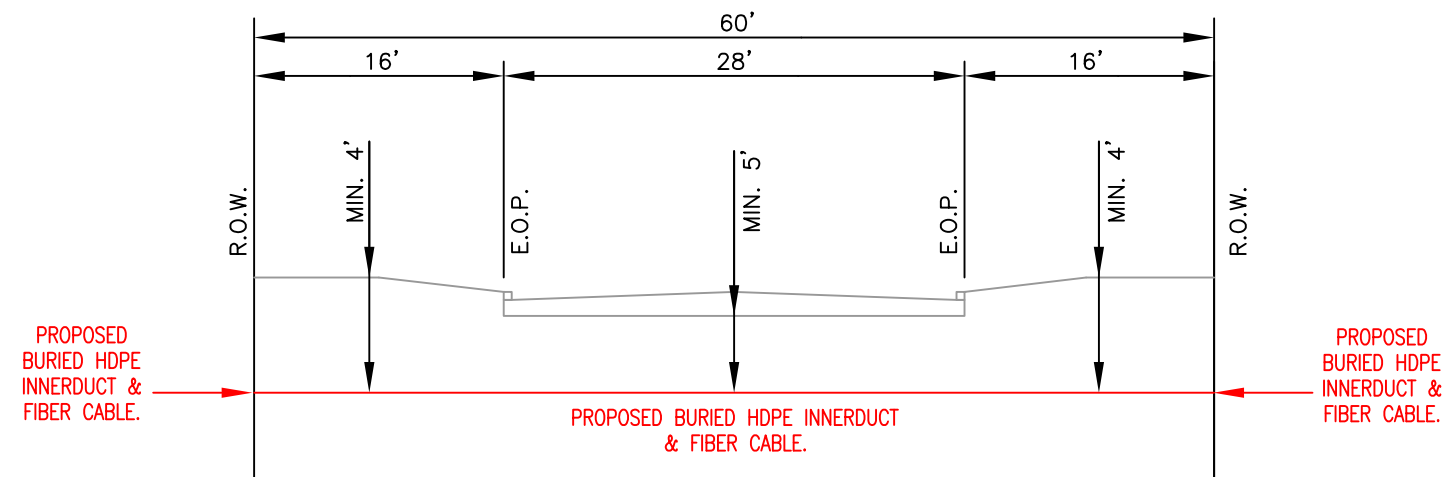
FARMER RD. @ S. MASON RD.
LOOKING SOUTH



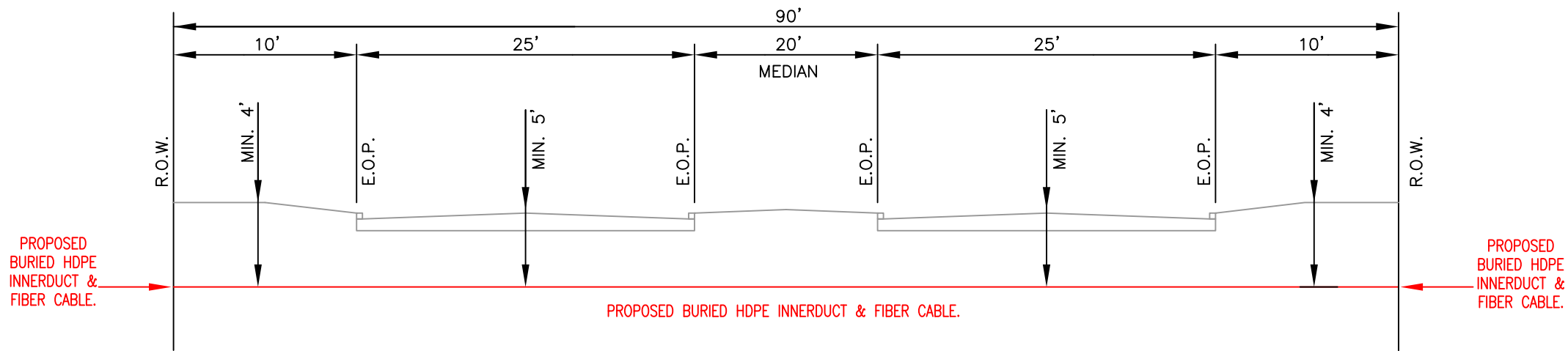
S. MASON RD. FROM FARMER RD. TO END OF PERMIT (STA. NO. 393-13)
LOOKING SOUTH

PROFILE SHEET 1

| | | |
|---|----------|--------------------|
| TITLE: CLUSTER 55 - FORT BEND PERMIT FARMER RD. & S. MASON RD. | | |
| LOC: FORT BEND COUNTY | | |
| PMO# / TGT BUILDING ID: N/A | | |
| PM: RONNIE SHORTHORSE 346-206-5092 | | |
| DWG: Fort Bend - S Mason Rd - Cluster 55.dwg | | |
| DRAWING | DATE | ENG DESIGN |
| ORIGINAL | 04/16/18 | FCS |
| Rev#1 | N/A | N/A |
| AS-BUILT | N/A | N/A |
|  | | PAGE: 14 OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | |




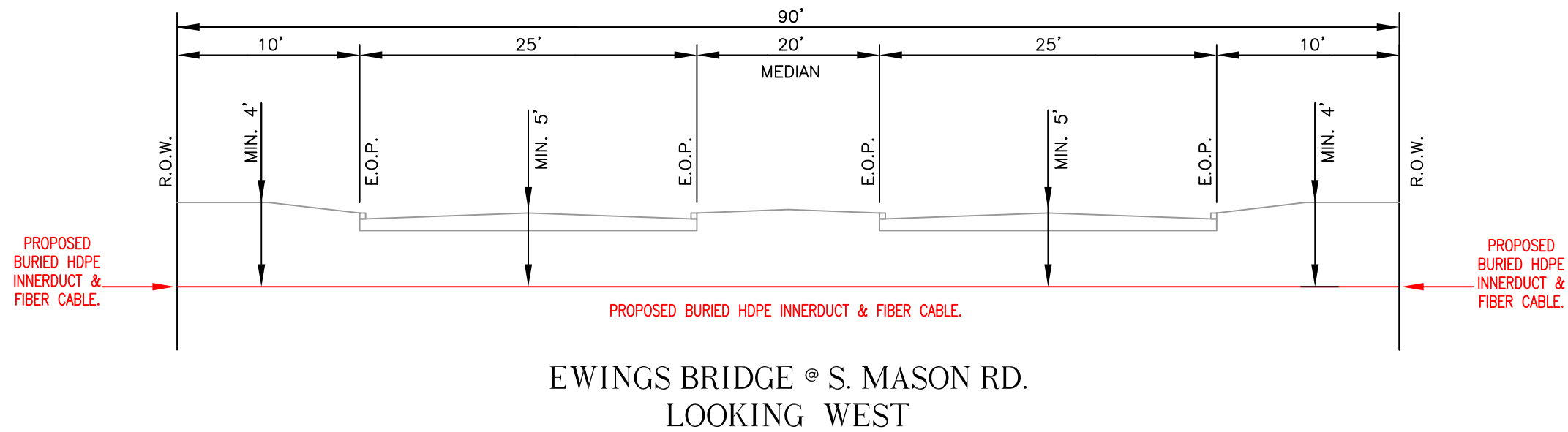
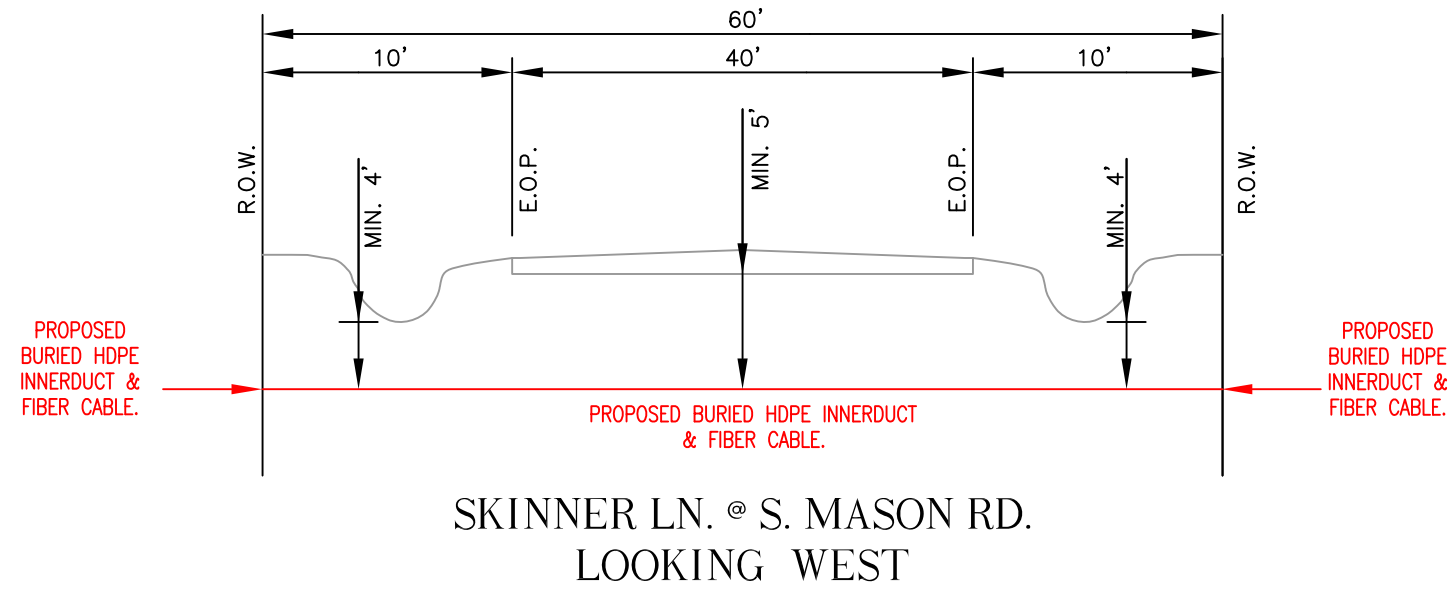
DELTA LAKE DR. @ S. MASON RD.
LOOKING WEST




LONG WAY TRACE @ S. MASON RD.
LOOKING WEST

PROFILE SHEET 2

| | | | |
|---|----------|------------|----------|
| TITLE: CLUSTER 55 – FORT BEND PERMIT FARMER RD. & S. MASON RD. | | | |
| LOC: FORT BEND COUNTY | | | |
| PMO# / TGT BUILDING ID: N/A | | | |
| PM: RONNIE SHORTHORSE 346-206-5092 | | | |
| DWG: Fort Bend – S Mason Rd – Cluster 55.dwg | | | |
| DRAWING | DATE | ENG DESIGN | |
| ORIGINAL | 04/16/18 | FCS | |
| Rev#1 | N/A | N/A | |
| AS-BUILT | N/A | N/A | |
|  | | | PAGE: 15 |
| | | | OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | | |



PROFILE SHEET 3

| | | |
|---|----------|------------|
| TITLE: CLUSTER 55 - FORT BEND PERMIT FARMER RD. & S. MASON RD. | | |
| LOC: FORT BEND COUNTY | | |
| PMO# / TGT BUILDING ID: N/A | | |
| PM: RONNIE SHORTHORSE 346-206-5092 | | |
| DWG: Fort Bend - S Mason Rd - Cluster 55.dwg | | |
| DRAWING | DATE | ENG DESIGN |
| ORIGINAL | 04/16/18 | FCS |
| Rev#1 | N/A | N/A |
| AS-BUILT | N/A | N/A |
|  | | PAGE: 16 |
| | | OF: 16 |
| PROPRIETARY INFORMATION OF CROWN CASTLE FIBER | | |

Notes for Figure 6H-1—Typical Application 1 Work Beyond the Shoulder

Guidance:

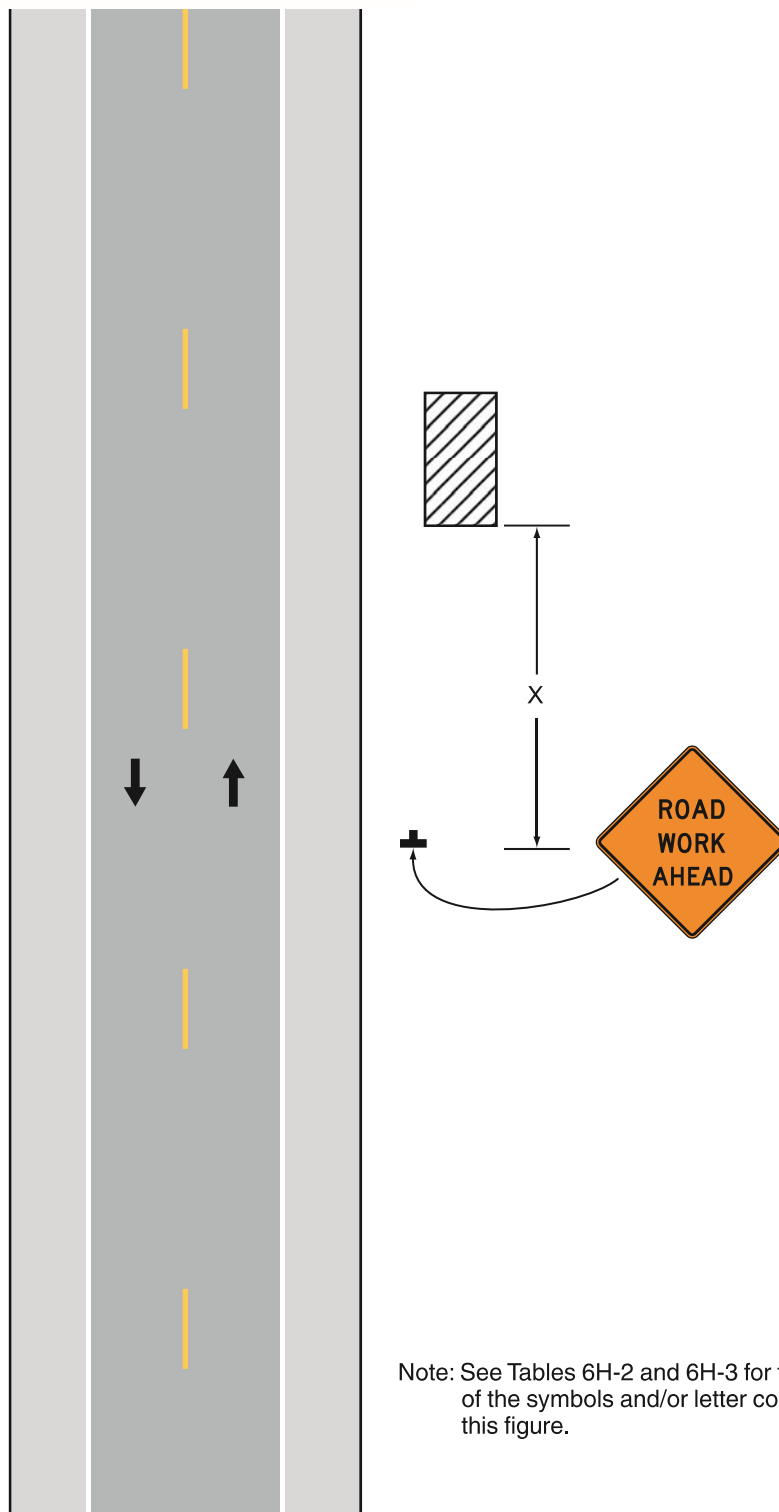
1. *If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.*

Option:

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**

Figure 6H-1. Work Beyond the Shoulder (TA-1)**Typical Application 1**

Notes for Figure 6H-3—Typical Application 3 Work on the Shoulders

Guidance:

1. *A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.*

Option:

2. The Workers symbol signs may be used instead of SHOULDER WORK signs.
3. The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
4. For short duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**
7. **When paved shoulders having a width of 8 feet or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.**

Figure 6H-3. Work on the Shoulders (TA-3)