



# **CITY OF BULLARD TELECOM DESIGN STANDARDS**

## General Sheet Content

1. Plan sets for typical projects shall be produced to scale on 22" x 34" ANSI D or 11" x 17" TABLOID sheet sizes.
2. Plan sets should be no larger than 50 sheets. Larger designs should be broken into smaller plan set packages.
3. All plan sheets (other than the cover sheet) will show a border block with project relevant information, including, at a minimum:
  - a. Owner Logo
  - b. Project Name
  - c. Project Number
  - d. Sheet Number (X of XX)
4. All sheets containing maps or engineering design should include proper scale and north arrow orientation.

## Engineering Design Required Plan Set Sheets

1. Cover Sheet.
2. General Notes.
3. Legend.
4. Project Overall Sheet Plan.
5. Traffic Control Plan (If lane closures are required).
6. Design Plan Sheets.

*\*Construction typicals and other specifications sheets may be included at the back of the plan set.*

## Cover Sheet (1)

1. Project Name.
2. Project Number (if applicable).
3. Table of Contents/Sheet Index.
4. City Name.
5. County Name.
6. Date of Submittal.
7. High Level Location Map (Zoom to City Boundary) with Project Location Callout.
8. Company Logo.

## General Notes (2)

1. Any additional, applicable construction notes in accordance with owner standards.
2. Owner, construction contractor, and engineer contact information must be provided.

### **Legend (3)**

- A legend will be provided showing all applicable symbols and line styles utilized in the engineering design.

### **Project Overall Sheet Plan (4)**

1. A location map over-viewing the project extents and labeled sheet cuts:
  - a. Aerial Imagery is optional.
2. All streets shall be labeled and legible.
3. North Arrow.
4. Scale.

### **Traffic Control Plan (TCP) (5) (If Lane closures are required)**

- For work in the shoulder or between edge of pavement (EOP) to the Right-of-Way (ROW), standard TCP may be utilized (TXDOT or equivalent).

### **Design Plan Sheets (6-XX)**

1. Drawing Scale.
2. North Arrow.
3. Label each plan sheet with street name, street/easement widths, existing utilities (type and location), and any other pertinent feature affecting design.
4. All labels and text should be uniform and clearly legible on printed sets.
5. Variation in line weights should be used with consistency to clearly differentiate design components, in accordance with an established CAD Standard.
6. Required reference layers:
  - a. Edge of Pavement (EOP/Back -of-Curb (BOC);
  - b. Sidewalks;
  - c. Driveways;
    - i. Show driveways up to the ROW line;
  - d. Street Names.

### **Telecom Design Criteria**

1. Minimum depth of cover for proposed facilities shall be 48 in.
2. Proposed facilities shall maintain a 2 ft. minimum horizontal and vertical clearance from all existing utilities.
3. All proposed above ground facilities shall be labeled with respective stationing.
4. Every effort should be made to design street crossings perpendicular to the roadway alignment.
5. Where available, facilities should be placed in franchise utility easements.
6. All disturbed areas shall be restored to existing condition or better.
7. Every effort should be made to design bore pits and above ground appurtenances to mitigate ROW impact and restoration necessity.
8. Fiber being pulled thru from existing conduit or over lashed in city ROW shall be shown.

**APPLICATION AND PERMIT FOR THE INSTALLATION OF TELECOMMUNICATION EQUIPMENT  
WITHIN THE CITY OF BULLARD MAINTAINED RIGHT-OF-WAY OR EASEMENT**

City of Bullard  
P. O. Box 107, Bullard, TX 75757

1. Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name (*if different*): \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

24/7 Contact: \_\_\_\_\_ Phone: \_\_\_\_\_

Contractor: \_\_\_\_\_ Phone: \_\_\_\_\_

2. Franchise Holder: \_\_\_\_\_

3. Franchise Contact: \_\_\_\_\_ Phone: \_\_\_\_\_

4. Location (*if applicable, length of installation in fee*):  
\_\_\_\_\_  
\_\_\_\_\_

5. Type of work, location, and description of the proposed line and appurtenances is shown by drawings attached to this application. The line will be constructed and maintained on the right-of-way as directed by the City Engineer in accordance with CITY OF BULLARD specifications.

6. Describe all traffic controls or warning devices anticipated for this project:

7. Proposed start date: \_\_\_\_\_. Completion date: \_\_\_\_\_.  
It is expressly understood that the CITY OF BULLARD does not purport, hereby, to grant any right, claim, title, or easement in or upon this city street; and it is further understood that in the future for any reason CITY OF BULLARD should need to work, improve, relocate, widen, increase, add to or in any manner change the structure of this right-of-way, this line, if affected, will be moved under the direction of the CITY OF BULLARD Engineer and shall be relocated at the complete expense of the owner.

All work on the city right-of-way shall be performed in accordance with the City Engineer's instructions. The installation shall not damage any part of the roadway or utilities. In case of damage, immediate contact is required at the Utility Emergency Line, (903) 283-1610, and/or David Wells, Utility Director (903) 520-6758.

Specific instructions and conditions are as follows:

1. All underground lines are to be installed a minimum of 48 inches below flow line of the adjacent drainage or borrow ditch.
2. All buried lines carrying an electrical current, or electronic or optical signal shall have yellow plastic tape at least two inches in width, buried a minimum of twelve inches above such lines.
3. Lines crossing under surfaced roads and under surfaced crossroads within the right-of-way shall be placed by boring. Boring shall extend from ditch line to ditch line.
4. No lines shall be placed in a culvert or within 10 ft. of the closest point of same.



5. Parallel lines will be installed as near the right-of-way as is possible and no parallel line will be installed in the roadbed or between the drainage ditch and roadbed without special permission of the City Manager.
6. Overhead lines will have a minimum clearance of 18 ft. above the road surface at the point of crossing.
7. The cost of any repairs to utilities, road surface, roadbed, structure or other right-of-way features as a result of this installation will be borne by the owner of this facility.
8. At least one-half of the traveled portion of the road must be open to traffic at all times and proper traffic control will be utilized.
9. The applicant shall secure all other necessary or required permits, licenses, or approvals before starting work.
10. Signs and traffic controls shall comply with the current edition of the Manual on Uniform Traffic Control Devices, as approved by the Texas Department of Transportation.
11. All work shall conform to the design standards and specifications of the City of Bullard.
12. Restoration of the right-of-way is required and shall be completed within 30 days of the completed work within the right-of-way.
13. Right-of-Way surfaces shall be cleaned before the end of each day's work. All catch basins, culverts or other improvements affected by any deposits of dirt, mud, rock, debris, or other material shall be cleaned daily or as specified by the City.
14. The applicant shall provide proof of insurance.
15. The applicant shall be responsible for all utility locations forever.
16. All residents of businesses affected by any scheduled maintenance causing road closure, or interruption of any utility service shall be notified forty-eight (48) hours prior to any work. Emergency situations are exempt.
17. **Final Inspection: All permits must have a final inspection once the work is completed. Please call (903) 894-7223 to schedule a final inspection.**

**Indemnification: By accepting this permit, the Applicant shall assume all risks and hazards incidental to use of City right-of-way under this permit and hold harmless the CITY OF BULLARD, its officers, employees, and agents from any claim arising out of applicants' performance under this permit.**

**Print Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Applicant's Signature:** \_\_\_\_\_

**Approved:** \_\_\_\_\_

