



Memorandum

To: Town Council
From: Thomas Dansie, Town Planner
Date: February 6, 2015
Re: **February 12, 2015 Town Council Meeting**
Resolution 2015-05 Revisions to Construction Design Standards & Details Manual

Town staff is proposing several small changes to the Construction Design Standards & Details Manual. These changes are:

- 1- Incorporating standards for utility clearances from fiber optic cable. Currently the Town has standards for clearances from telephone and cable TV lines, but not from fiber optics. With fiber optics soon to be installed staff feels it is necessary to have standards for utility clearances from these lines.

- 2- Clarifying the color for new concrete. All new concrete in Town must meet the standard in the Manual. However, the name of the colorant in the Manual (“Goldenrod”) is no longer being used by the manufacturer. The proposed revision removes the outdated name for clarity.

Staff recommends the Council adopt Resolution 2015-05 to implement these changes.

RESOLUTION 2015-05

A RESOLUTION OF THE TOWN COUNCIL OF SPRINGDALE, UTAH, REVISING THE CONSTRUCTION DESIGN STANDARDS & DETAILS MANUAL TO ADD STANDARDS FOR FIBER OPTIC CABLE AND TO CLARIFY THE COLOR STANDARD FOR CONCRETE

WHEREAS, the Town Council has adopted the Construction Design Standards & Details Manual to regulate the design and construction of new infrastructure; and

WHEREAS, the Council desires to revise the Manual to clarify the Town's standards with regards to fiber optic cable and the color of concrete;

THEREFORE, BE IT HEREBY RESOLVED by the Town Council of Springdale, Utah that the following sections of the Construction Design Standards & Details Manual are revised:

1) Section 1.2 Definitions, Paragraph 58 is revised as follows:

58. UNDERGROUND FACILITIES: All pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels or other such facilities or attachments, as well as any encasement containing such facilities which have been installed underground to furnish any of the following services or materials; electricity, gases, steam, liquid petroleum products, telephone or other communication, cable television, **fiber optic or other high speed data**, sewage and drainage removal, traffic or other control systems or water.

2) Section 3.5.6 Utility Clearances & Easements, Paragraphs E and F are revised as follows:

E. Sewer laterals and mains crossing under power, storm drain, telephone, **fiber optic or other high speed data lines**, traffic signal conduit and/or street lighting conduit shall have at least one (1) foot separation, measured vertically. The clearance for gas lines shall be five (5) feet. If the required vertical clearance cannot be met as determined by Town Representative, a cushion of sand and cement slurry may be used to separate the utilities. Where use of sand and cement slurry are not practical, the Engineer may propose alternate methods.

F. The following clearances should be maintained between waterlines and other utilities.

1. Water to ~~phone lines/cable TV~~ - **telephone, fiber optic or other high speed data, or cable television** - five (5) feet **(Note: If five (5) feet of clearance cannot be obtained, the Town Representative may approve three (3) feet of clearance with one (1) foot of vertical separation.)**
2. Gas to water or wastewater - five (5) feet
3. Water to power - five (10) feet
4. Water to irrigation - five (5) feet
5. Water to wastewater - ten (10) feet horizontal and eighteen (18) inches vertical.
6. Gas to power - ten (10) feet.

3) Section 4.8.1.1 Portland Cement Concrete Material Paragraph E is revised as follows:

E. COLOR. All concrete color shall be Davis Color #5084 ~~Goldenrod~~, 2% (2lbs color per 100lbs of concrete) **or approved equal** unless otherwise directed by the Town's Representative ~~or approved equal~~.

Passed and adopted this 12th day of January 2015.

Stanley J. Smith, Mayor

Attest:

Darci Carlson, Town Clerk