

ORDINANCE NO. 2679

AN ORDINANCE OF THE COMMON COUNCIL OF THE TOWN OF GILBERT, ARIZONA, AMENDING THE CODE OF GILBERT, ARIZONA, CHAPTER 10 BUILDINGS AND CONSTRUCTION REGULATIONS, ARTICLE VI PUBLIC WORKS, SECTION 10-202 ADOPTION OF TOWN OF GILBERT'S PUBLIC WORKS AND ENGINEERING STANDARDS, THE SUPPLEMENT TO MAG UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, AND THE SUPPLEMENT TO MAG UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, RELATED TO STANDARDS OF PUBLIC WORKS CONSTRUCTION IN THE TOWN; PROVIDING FOR THE REPEAL OF CONFLICTING ORDINANCES; PROVIDING FOR SEVERABILITY; AND PROVIDING PENALTIES.

WHEREAS, the Town Council previously adopted the Public Works and Engineering Standards Manual, the Supplement to MAG Uniform Standard Details for Public Works Construction, and the Supplement to MAG Uniform Standard Specifications for Public Works Construction, as amended; and

WHEREAS, Town staff is recommending various minor revisions to these documents to clarify and improve certain elements of these documents;

NOW THEREFORE, BE IT ORDAINED by the Common Council of the Town of Gilbert, Arizona, as follows:

Section 1. The Code of Gilbert, Arizona, Chapter 10 Buildings and Construction Regulations, Article VI Public Works, Section 10-202 Adoption of Town of Gilbert's public works and engineering standards; supplement to MAG uniform standard details for public works construction; and supplement to MAG uniform standard specifications for public works construction., is hereby amended to read as follows (additions in ALL CAPS; deletions in ~~strikeout~~):

Sec. 10-202. - Adoption of Town of Gilbert's public works and engineering standards; supplement to MAG uniform standard details for public works construction; and supplement to MAG uniform standard specifications for public works construction.

These certain documents, three copies of which are on file in the office of the clerk, being marked and designated as Town of Gilbert's "Public Works and Engineering Standards" (effective ~~May 19, 2018~~ SEPTEMBER 15, 2018); "Supplement to MAG Uniform Standard Details for Public Works Construction" (effective ~~May 19, 2018~~ SEPTEMBER 15, 2018); and "Supplement to MAG Uniform Standard Specifications for Public Works Construction", (effective May 19, 2018), published by the town, together with all appendices thereto, are hereby adopted as the engineering standards of the town, and as a supplement to the

standard specifications and details for public works construction of the town, and such code supplement is hereby referred to, adopted and made a part of this chapter as though set forth fully in this section.

Section 2. The Town Engineer is hereby authorized to take all actions necessary to implement and make reasonable interpretations in accordance with the Public Works and Engineering Standards Manual.

Section 3. Those certain documents dated September 15, 2018 and entitled "Public Works and Engineering Standards"; "Supplement to MAG Uniform Standard Details for Public Works Construction"; and "Supplement to MAG Uniform Standard Specifications for Public Works Construction," three copies of which are on file in the office of the Town Clerk, is hereby declared to be a public record, and said copies are ordered to remain on file with the Town Clerk.

Section 4. All ordinances and parts of ordinances in conflict with this ordinance are hereby repealed, effective as of September 15, 2018.

Section 5. If any section, subsection, sentence, clause, phrase or portion of this ordinance or any part thereof adopted herein by reference is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions thereof.

Section 6. Any person found responsible for violating this Ordinance shall be subject the civil sanctions and habitual offender provisions set forth in Section 1-5 of the Gilbert Municipal Code. Each day a violation continues, or the failure the failure to perform any act or duty required by the Municipal Code or by the Town of Gilbert Municipal Court continues, shall constitute a separate civil offense.

PASSED AND ADOPTED, BY THE COMMON COUNCIL OF THE TOWN OF GILBERT, ARIZONA THIS 16TH DAY OF AUGUST, 2018.

AYES: S.Anderson, E.Cook, J.Daniels, V.Petersen, B.Peterson, J.Ray
J.Taylor

NAYES: _____ ABSENT: _____

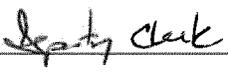
EXCUSED: _____ ABSTAINED: _____

APPROVED this 16th day of August, 2018.



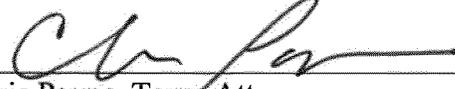
Jenn Daniels, Mayor

ATTEST:

for  

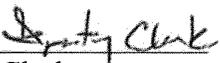
Lisa Maxwell, Town Clerk

APPROVED AS TO FORM:



Chris Payne, Town Attorney

I, LISA MAXWELL, TOWN CLERK, DO HEREBY CERTIFY THAT A TRUE AND CORRECT COPY OF THE ORDINANCE NO. 2679 ADOPTED BY THE COMMON COUNCIL OF THE TOWN OF GILBERT ON THE 16TH DAY OF AUGUST, 2018, WAS POSTED IN FOUR PLACES ON THE 23 DAY OF August, 2018.

for  

Lisa Maxwell, Town Clerk

**PROPOSED 4/19/2018 REVISIONS TO PUBLIC WORKS AND
ENGINEERING STANDARDS DOCUMENT**

GILBERT PUBLIC WORKS AND ENGINEERING STANDARDS

Arterial	56'	14,000	90'	Staggered*
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*Staggered spacing is the distance between lights on opposite sides of street.

TABLE 6-133: STREET LIGHT SPACING FOR MORRISON RANCH

Street Type	Width FC-FC (ft)	Nominal Lumens	Maximum Spacing (ft)	Spacing Type
Local	28'	5,000	300'	Single Side
Collector	80' With Median	5,000	200'	Median

6. All new street lighting circuits shall be installed underground and will be owned by the utility.
7. Street lights shall be fully shielded in such a manner that light emitted by the fixture, either directly from the lamp or indirectly from the luminaire, is projected below or horizontal plane running through the lowest point on the fixture where light is emitted. External shields or reflectors are not allowed.
8. Local/local, local/collector, and collector/collector intersections shall have at least one street light at the intersection. Arterial/collector, and arterial/local intersections shall have at least 2 street lights at the intersection. At signalized intersections, street light plans shall be coordinated with street lights mounted on traffic signals. Arterial/arterial intersections shall have at least 4 lights at the intersection typically mounted on the signal poles.
9. The developer shall coordinate all design, electrical service criteria and needs with the utility company serving the lighting system.
10. The developer shall conform to the latest requirements of the serving utility and pay all fees for design and energization.
11. Plans for street lighting shall show the locations, luminaire types/sizes, mounting heights and pole types.
12. Street lights for local and minor collector streets shall generally be located at the side lot lines. On major collector and minor arterial streets, street lights shall be placed on both sides of street. Major arterials shall typically have lights placed in the median using double mast arm tenons.

6.7.3.1 STREETLIGHT POLES

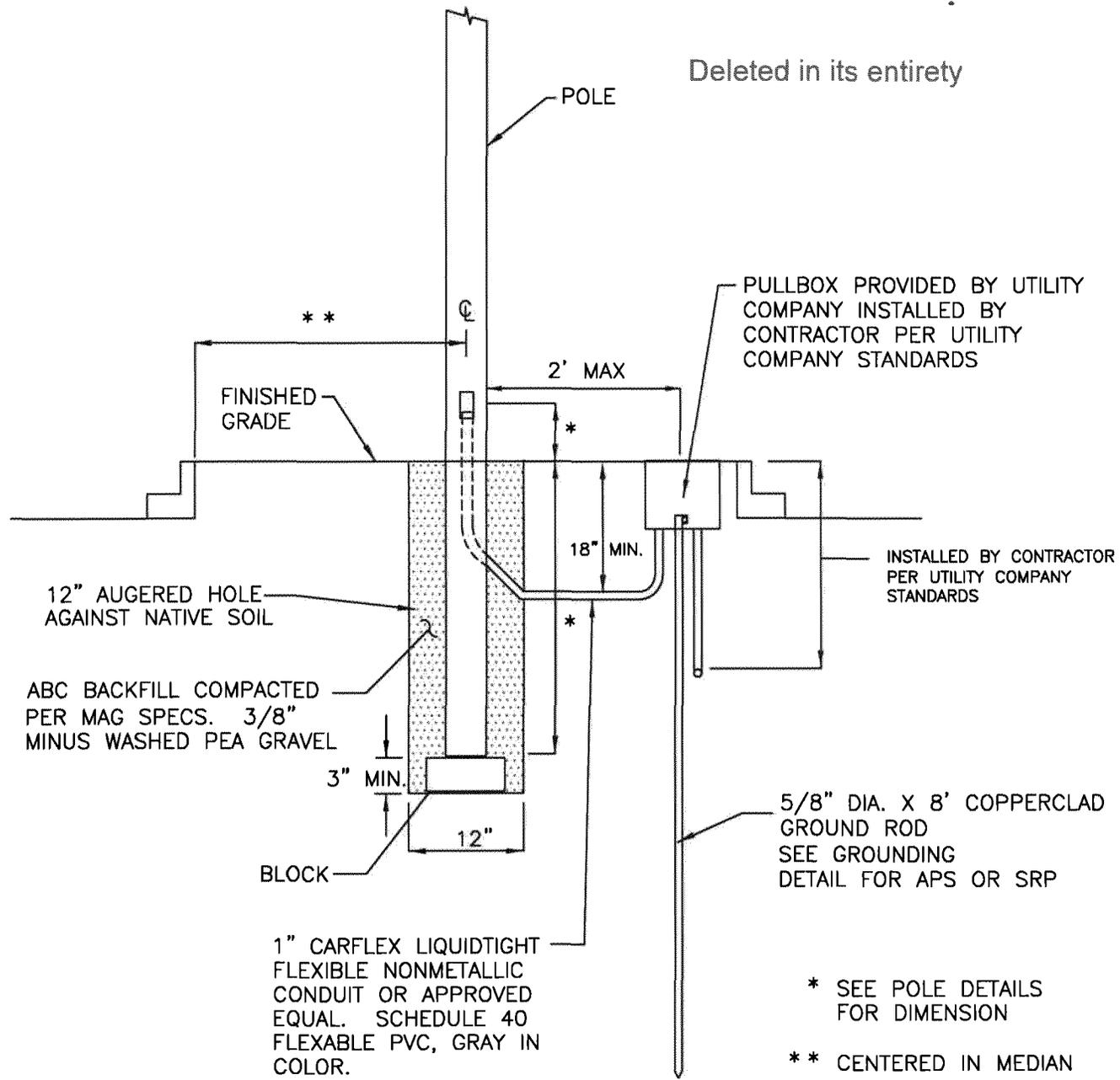
1. All Poles and mast arms shall be steel construction finished per Gilbert Detail GIL-901.
2. See Gilbert Detail GIL-901 for pole heights and arm types to be used on standard local, collector, and arterials streets.

GILBERT PUBLIC WORKS AND ENGINEERING STANDARDS

3. Poles in the Gateway District, Heritage District, and in Morrison Ranch shall match the existing poles in these areas.
4. Contractors shall submit technical material specifications on all items listed above for Town review and approval.

6.7.4 Final Street Light Plan Requirements

1. Show all utility locations, sizes, easements, rights-of-way, and other structural features.
2. A key map with the following information:
 - All streets, alleys, easements, tracts and parcels.
 - Existing utility systems, including fire hydrants and valves in and around the development.
 - Proposed utility systems including fire hydrants and valves.
 - Utility pipe line sizes.
3. Provide a legend on the plans identifying the following items:
 - Street light types
 - Pull boxes
 - conduit
4. Meandering sidewalks shall not conflict with streetlight poles.
5. Streetlight poles shall be a minimum of 6 feet from the edge of a driveway wing.
6. Streetlight poles are not to be located in the radius of intersections.
7. All streetlights to be located within right-of-way. When necessary due to conflicts, streetlights may be located in PUE or roadway easement.
8. All pole foundations and pull boxes to be at sidewalk grade unless otherwise noted.
9. Apply specific construction requirements of APS and SRP.
10. Show all existing and proposed water lines and fire hydrants and provide dimensional ties to water lines and fire hydrants where potential conflicts may occur.
11. All future and existing streetlights adjacent to and within 300 feet from the first proposed streetlight must be shown with stationing and dimensional ties



STANDARD
DETAIL

EMBEDDED POLE DETAIL (MEDIAN)

APPROVED

TOWN ENGINEER

DATE

DETAIL No.

GIL-931