August 2013

Joplin, Missouri - Tree Planting Policy

MOFFET
BYERS
24TH
JOPLIN
VIRGINIA
PENNSYLVANIA
25TH
WALL
26TH
BYERS
27TH
MAIN
GRAND
PEARL
28TH
KENTUCKY
VIRGINIA
30TH

0 125 250 500 Feet

Pilot Area

Turf Strip

- Width < 6'
- Width 6' - 8'
- Width > 8'

* Turf Strip is defined as the area of land typically located between the edge of street pavement and the public sidewalk that is vegetated, usually with grass. Driveway locations will need to be evaluated on a case by case basis prior to tree installation. The associated 'Width' value assigned to each Turf Strip is an average width measurement over the length of the strip.

Turf Strips Parallel to OHE

- OHE Overlay

* The 'Relationship' of Turf Strip to Overhead Electric (OHE) Lines is limited to those instances in which OHE Lines are within 25ft and parallel to a Turf Strip feature.

Proposed Sidewalk Location

- Width 6' - 8'
- Width > 8'

* Current City of Joplin Policy indicates that within the study area, sidewalks will either be replaced or constructed on both sides of each street. Turf Strips that do not currently contain a sidewalk segment will have a new sidewalk constructed as part of the tornado area reconstruction effort.

Reference Items

- Overhead Electric Lines
- Parcel Bounds
- Existing Sidewalk Centerline
- Street Pavement

Notes on Data Creation Process:

1) 'Sidewalk Centerline' data was spatially altered to more closely align with associated sidewalks represented by the aerial imagery.

2) 'Street Edge of Pavement' data was spatially altered to more closely align with associated street -paved areas represented by the aerial imagery.

3) 'Overhead Electric' data was spatially altered to more closely align with associated Electric Lines represented within the aerial imagery.

4) A 5 foot buffer was applied to subsequent 'Sidewalk Centerline' data. The width of the buffer used was based upon an assumption that the average sidewalk width is 5ft.

5) "Turf Strips" were delineated by the boundaries of the 'Street Edge of Pavement', 'Sidewalk Centerline' five (5) foot Buffer, and Aerial Imagery.

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1 inch = 100 feet