

## **AGENDA**

### **TOWN OF FLOWER MOUND TRANSPORTATION COMMISSION MEETING**

**FEBRUARY 14, 2017**

**FLOWER MOUND TOWN HALL  
2121 CROSS TIMBERS ROAD  
FLOWER MOUND, TEXAS**

**6:30 P.M.**

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AN AGENDA INFORMATION PACKET IS AVAILABLE ONLINE  
[WWW.FLOWER-MOUND.COM/AGENDACENTER](http://WWW.FLOWER-MOUND.COM/AGENDACENTER)  
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- A. CALL REGULAR MEETING TO ORDER – 6:30 PM**
- B. PLEDGE OF ALLEGIANCE**
- C. PUBLIC PARTICIPATION**

Please fill out an "Appearance Before Transportation Commission" form in order to address the Transportation Commission, and turn the form in prior to Public Participation, or by 6:30 p.m. to the Town staff. Speakers are normally limited to three minutes. Time limits can be adjusted by the Chair as to accommodate more or fewer speakers.

The purpose of this item is to allow the public an opportunity to address the Transportation Commission on issues that are not the subject of a public hearing. Any item requiring Public Hearing will allow the public to speak at the time that the item appears on this agenda as indicated as a "Public Hearing".

**D. TRAFFIC ENGINEER REPORT**

- Update status report related to operational issues, capital improvement projects, and TxDOT projects
- Joint Work Session with Town Council
- Future Transportation Commission meeting dates

**E. CONSENT AGENDA – Consent Items**

This agenda consists of non-controversial or "housekeeping" items and may be approved with a single motion. A member of the Transportation Commission may request an item(s) be withdrawn from the consent agenda and moved to regular agenda for discussion by making such request prior to a motion and vote on the Consent Agenda.

1. Consider approval of minutes from the regular meeting of the Transportation Commission held on January 10, 2017.

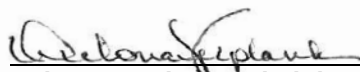
**F. WORK SESSION ITEMS**

2. Update and Progress on the Prior Years Sidewalk Links Projects.
3. Discussion on Skillern Road Reconstruction Schedule for Pedestrian Crossing at the Post Oak Park Entrance and the Skillern Road/River Hill Drive intersection.
4. Discussion on possible Thoroughfare Plan ideas prior to Joint Work Session with Town Council.

**G. ADJOURNMENT**

  
Matt Hotelling, Traffic Engineer

I do hereby certify that the Notice of Meeting was posted on the bulletin board in Town Hall of the Town of Flower Mound, Texas, a place convenient and readily accessible to the general public at all times and said Notice was posted on the following date and time: February 10, 2017 at 1:00 PM, at least 72 hours prior to the scheduled time of said meeting.

  
Delona Verplank, Administrative Assistant

The Flower Mound Town Hall and Council Chambers are wheelchair accessible. Requests for accommodations or interpretive services must be made at least 48 hours prior to this meeting by contacting Delona Verplank at 972-874-6317. Reasonable accommodations will be made to assist your needs.



## TRANSPORTATION COMMISSION AGENDA ITEM NO. 1

### CONSENT ITEM

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**DATE:** February 14, 2017

**FROM:** Matthew J. Hotelling, P.E., PTOE, Traffic Engineer

**ITEM:** Consider approval of the minutes from the regular meeting of the Transportation Commission held on January 10, 2017.

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**BACKGROUND INFORMATION:** This agenda item is to consider approval of the minutes from the January 10, 2017 regular meeting of the Transportation Commission.

**CITIZEN FEEDBACK:** N/A

**ALTERNATIVES/OPTIONS:** N/A

**FISCAL IMPACT:** N/A

**LEGAL REVIEW:** N/A

**ATTACHMENTS:**

1. Draft minutes from the January 10, 2017 regular meeting of the Transportation Commission.

**RECOMMENDATION:** Move to approve the minutes from the January 10, 2017 regular meeting of the Transportation Commission.

**THE FLOWER MOUND TRANSPORTATION COMMISSION REGULAR MEETING HELD ON THE 10TH DAY OF JANUARY, 2017 IN THE FLOWER MOUND TOWN HALL, LOCATED AT 2121 CROSS TIMBERS ROAD, IN THE TOWN OF FLOWER MOUND, COUNTY OF DENTON, TEXAS AT 6:30 P.M.**

The Transportation Commission met in regular session with the following members present:

|                |                       |
|----------------|-----------------------|
| Thomas Walker  | Chair                 |
| Chris Reed     | Vice Chair            |
| Ron Hogue      | Commissioner, Place 3 |
| Brian Smiley   | Commissioner, Place 4 |
| Donald Gilmore | Commissioner, Place 5 |
| Louis Wei      | Commissioner, Place 8 |
| Andy Allen     | Commissioner, Place 9 |

Constituting a quorum with the following members absent:

|               |                       |
|---------------|-----------------------|
| Robert Gunter | Commissioner, Place 1 |
| Robert Caput  | Commissioner, Place 2 |

With the following members of the Town Staff participating:

|                   |                          |
|-------------------|--------------------------|
| Matthew Hotelling | Traffic Engineer         |
| Delona Verplank   | Administrative Assistant |

*(Places 8 and 9 of the Commission do not vote on items unless they sit in place of one of the regular members; Places 1-7.)*

**A. CALL TO ORDER - REGULAR SESSION – 6:30 P.M.**

**B. PLEDGE OF ALLEGIANCE**

**C. PUBLIC PARTICIPATION**

None.

**D. TRAFFIC ENGINEER REPORT**

- Update status report related to operational issues, capital improvement projects, and TxDOT projects
- Joint Work Session with Town Council in March
- Future Transportation Commission meeting dates

**E. CONSENT AGENDA**

1. Consider approval of minutes from the regular meeting of the Transportation Commission held on October 11, 2016.

Commissioner Gilmore made a motion to approve the October 11, 2016 minutes as presented. Vice Chair Reed seconded the motion.

**VOTE ON THE MOTION***Motion passed*

**AYES:** Wei, Smiley, Reed, Allen, Hogue, Gilmore

**NAYS:** None

**ABSTAIN:** None

**ABSENT:** Gunter, Caput

**F. WORK SESSION**

2. Presentation and discussion related to the list of potential Transportation Commission work topics for 2017.

**Presenter**

Matt Hotelling, Traffic Engineer

**G. ADJOURNMENT – 7:46 P.M.**

TOWN OF FLOWER MOUND  
TRANSPORTATION COMMISSION

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Thomas Walker, Chairman

ATTEST:

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Delona Verplank, Administrative Assistant



## TRANSPORTATION COMMISSION AGENDA ITEM NO. 2

### WORK SESSION ITEM

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**DATE:** February 14, 2017

**FROM:** Matthew J. Hotelling, P.E., PTOE, Traffic Engineer

**ITEM:** **Update and Progress on the Prior Years Sidewalk Links Projects.**

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**BACKGROUND INFORMATION:** This is a work session item to provide the Commissioners and update and progress on prior years (2013 – 2016) sidewalk link projects.

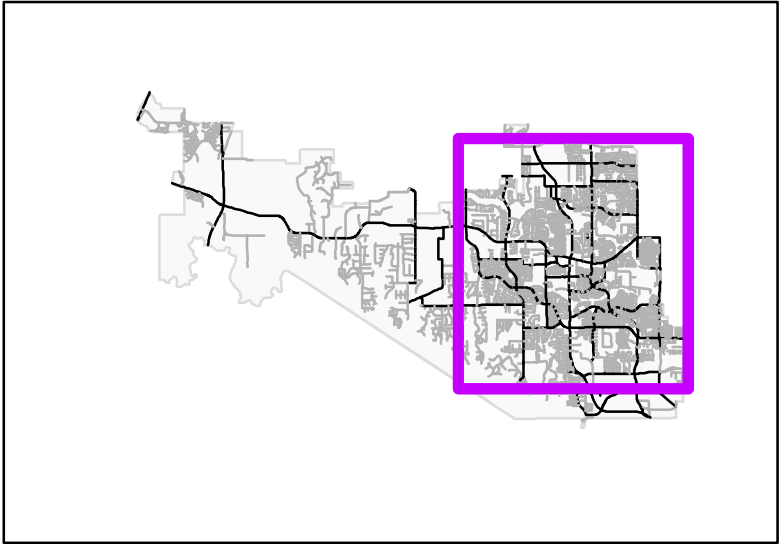
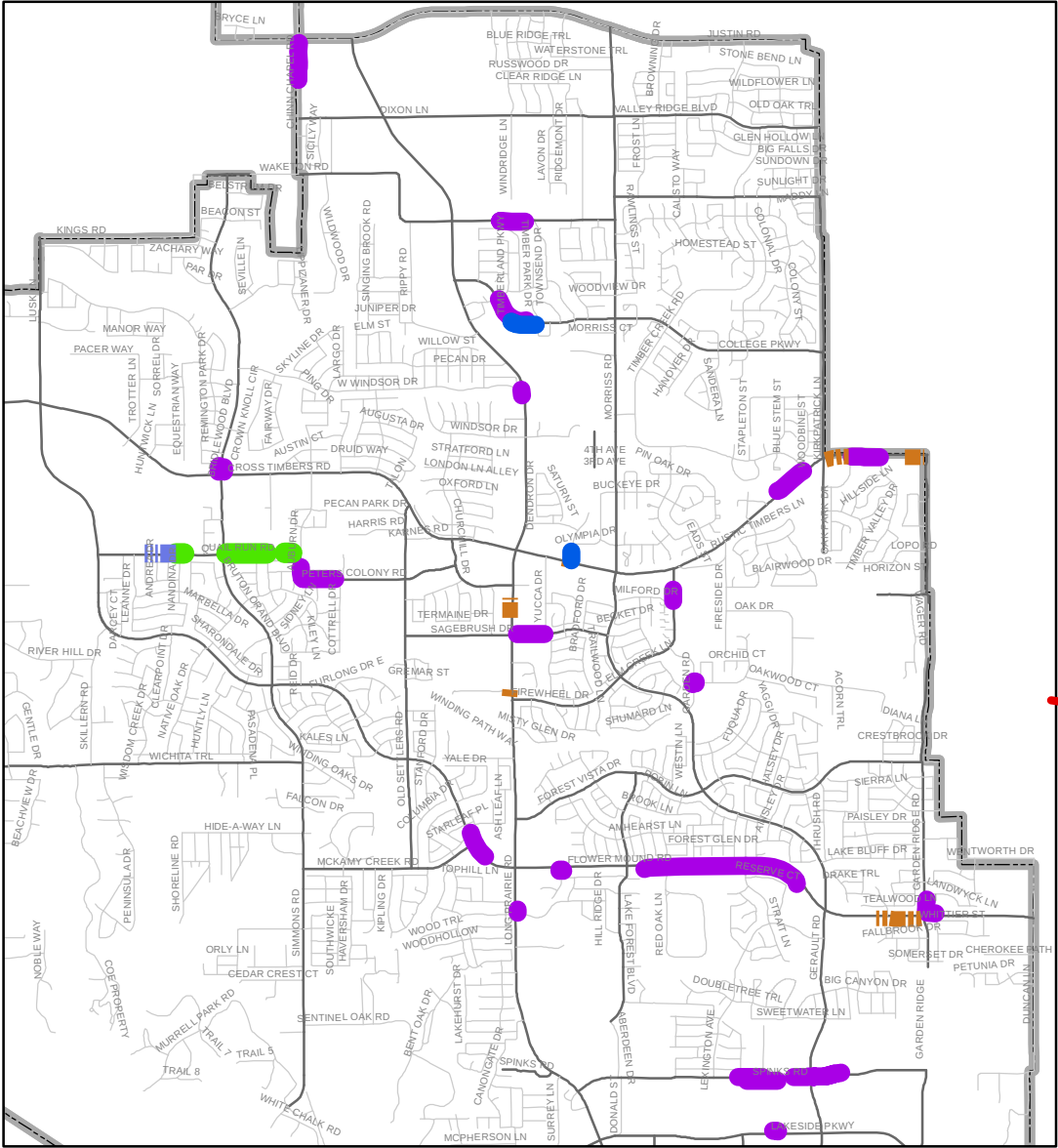
During the Transportation Commission's work topics for 2017, the Commission has requested that staff bring back to the Commission a status update and a listing of projects that have been selected. Some of the selected projects were ultimately not built because of either a funding shortfall or other reasons that will be discussed. Some of these locations were built by others and not by the Town.

**Attachments:**

1. Sidewalk Link Map Update - 2016

**RECOMMENDATION:** The purpose of this item is to provide information to the Transportation Commission prior to consideration of the FY 2017-2018 Sidewalk Link Prioritization. No Formal Action is required.

# Vicinity Map - Sidewalk Links Status Update 2017



Vicinity Map

Project  
Location(s)

**Legend**  
**Sidewalk Links**  
**Status**

- 2017
- 2017 - To Be Built By Developer
- 2017 - Under Construction
- Built
- TxDOT Review



## TRANSPORTATION COMMISSION AGENDA ITEM NO. 3

### WORK SESSION ITEM

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**DATE:** February 14, 2017

**FROM:** Matthew J. Hotelling, P.E., PTOE, Traffic Engineer

**ITEM:** **Discussion on Skillern Road Reconstruction Schedule for Pedestrian Crossing at the Post Oak Park Entrance and the Skillern Road/River Hill Drive intersection.**

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**BACKGROUND INFORMATION:** The location of Post Oak Park is bounded by Skillern Road to the west, Flower Mound Road to the north, the Wichita Chase Phase IV subdivision to the east, and the Dominion Estates subdivision to the south. See Attachment 1 Vicinity Map.

Skillern Road is classified as a Rural Collector on the Town's Thoroughfare Plan. The ultimate cross section will be an 80 feet Right of Way (ROW) section with 34 feet of pavement and 23 feet of bar ditch on either side of the roadway. Speed limit along Skillern Road is 30 mph. Ultimately Skillern will have bike lanes on either side of the travel lanes like Wichita Trail west of Simmons Road. The Rural Collector cross section does NOT have a sidewalk component as part of the cross section. The Parks and Trails Master Plan does have a trail along the east side of Skillern Road but it travels through the park and does not come out to the ROW of Skillern Road until the southern end of Post Oak Park.

River Hill Drive is classified as a Local Residential Estate roadway. The cross section is 26 feet of ROW with 17 feet of bar ditch on either side of the roadway. The speed limit of River Hill Drive is 25 mph. The Local Residential Estate cross section does NOT have a sidewalk component as part of the cross section. There is no trail along River Hill Drive on the Parks and Trails Master Plan. Therefore any pedestrian activity in this area is using the roadway for the walking surface.

**Visibility for vehicles and pedestrians at this intersection:** The requirement for a 30 mph roadway is 200 feet of stopping sight distance. Considering that the 85<sup>th</sup> percentile speed was 36 mph, the approximate stopping sight distance is 250 feet. The field measurements for River Hill Drive looking to the south was >500 feet. The distance looking to the north was 317 feet. Therefore both directions were met. The field measurement from Post Oak Park after the Parks Department trimmed the trees looking to the north was over 400 feet. The field measurement looking to the south was 224 feet. Therefore it meets for 30 mph but short for 35 mph. See pictures in attachments 2 and 3. Once Skillern Road is reconstructed to its full cross section (approximately 11 feet wider pavement north of River Hill Drive and approximately 5 feet wider pavement south of River Hill Drive plus drainage improvement for the 23 foot wide bar ditch), the visibility restriction at this intersection will be removed to accommodate the roadway and the drainage ditch.

The section north of River Hill Drive is on track for the scheduled for FY 2017-2018 design and construction. Design of that project will not begin until October 2017 at the earliest. This project is scheduled to be designed and constructed within the same fiscal year. As part of that project, the Town will have this intersection reviewed and make any corrective actions. At our meeting last April, we discussed increased Police patrols, the possibility of adding a rectangular rapid flashing beacon (RRFB) when the project is built, addition of warning and speed limit sign in the area.

The difficulty with the flashing beacons will be making the crossing ADA (Americans with Disabilities Act) compliant. With bar ditches on both sides, it makes it difficult to get the proper slopes, landings, ramps, clear floor space etc. to work without a more major project like the reconstruction project to handle that portion of it. Also with the project, it is extremely likely that the trees that are causing the visibility restriction will need to be removed as part of the project. This removal would also allow for enough sunlight to power the RRFB unlike the overhanging canopy located out there today.

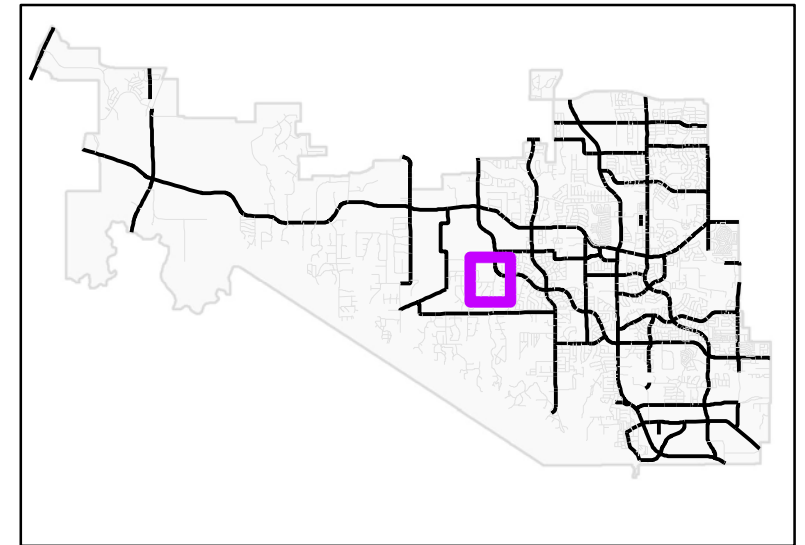
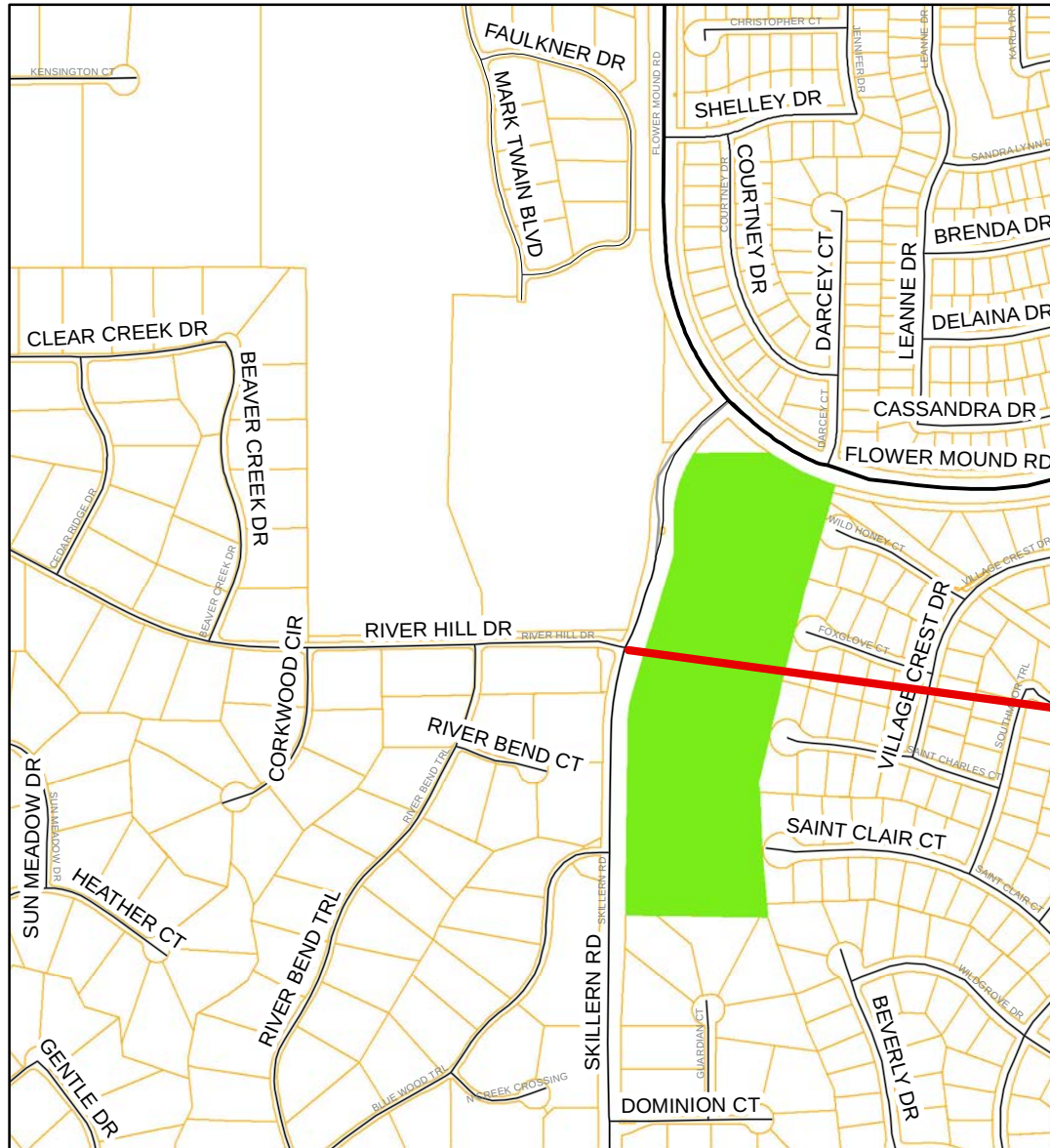
**ATTACHMENTS:**

1. Vicinity Map
2. Pictures From River Hill Drive
3. Pictures From Post Oak Park

**RECOMMENDATION:** The purpose of this item is to provide information to the Transportation Commission. No Formal Action is required.

# Vicinity Map - Post Oak Park at Skillern Road/River Hill Drive

Attachment 1



Vicinity Map

Project  
Location(s)

## Legend

 Post Oak Park

Looking from River Hill Drive



On River Hill Drive looking North



On River Hill Drive Looking South

Looking from Post Oak Park



On Post Oak Park looking North



On Post Oak Park looking South



## TRANSPORTATION COMMISSION AGENDA ITEM NO. 4

### WORK SESSION ITEM

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**DATE:** February 14, 2017

**FROM:** Matthew J. Hotelling, P.E., PTOE, Traffic Engineer

**ITEM:** Discussion on possible Thoroughfare Plan ideas prior to Joint Work Session with Town Council.

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**BACKGROUND INFORMATION:** This is a work session item to provide the Commissioners the opportunity to brainstorm and provide possible ideas on updates to the Thoroughfare Plan prior to the Joint Work Session.

During the Transportation Commission's work topics for 2017, it was discussed that the Commission would very likely be looking at a Thoroughfare Plan update later on in the year. This item will give the Commission a chance to give ideas to staff prior to the Town Council Joint Work Session on the Thoroughfare Plan. Please take a look at the attached current Thoroughfare Plan and be prepared to provide any feedback or ideas on the Thoroughfare Plan. At a later date, the Commission will have a workshop, likely at the Public Works Service Center, where a large scale drawing of the Thoroughfare Plan overlaid on the most recent aerial to mark up the plan. This is just a very first step in a much larger and longer process of updating the plan. There will be many more opportunities for input from both the Commission and the public prior to changes being officially made.

**Attachments:**

1. 2015 Thoroughfare Plan Map

**RECOMMENDATION:** The purpose of this item is to provide ideas and feedback prior to the Joint Work Session with Town Council. No Formal Action is required.

# TOWN OF FLOWER MOUND THOROUGHFARE PLAN



0 2,000 4,000 8,000

Scale in Feet

KimleyHorn

May 4, 2015

## Functional Street Classifications

- Roundabout
- Grade Separation
- Diamond Interchange
- Major Arterial
- Greenway Urban Arterial
- Greenway Rural Arterial
- Urban Minor Arterial w/Bike Lane
- Urban Minor Arterial w/On-Street Parking
- Urban Minor Arterial
- Urban Minor Arterial Undivided
- Urban Collector
- Rural Collector
- Service Road



Denton County  
Tarrant County

Denton County  
Dallas County