

Heath Thoroughfare Plan Update

Prepared for



City of Heath

Prepared by



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9/14/2020

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TABLE OF CONTENTS

INTRODUCTION.....	1
EXISTING ROADWAY INFRASTRUCTURE	3
MOBILITY OBJECTIVES AND FUNCTIONAL CLASSIFICATIONS	9
PROPOSED THOROUGHFARE PLAN	16
PROJECTED TRANSPORTATION DEMAND	18
THOROUGHFARE PLAN AMENDMENT PROCESS	21
APPENDIX	22

LIST OF FIGURES

Figure 1: Occupied and Vacant Residential Lots.....	5
Figure 2: 24-Hour Traffic Counts and Volume Locations	6
Figure 3: Existing V/C Ratio.....	8
Figure 4: Roadway Functional Classification	9
Figure 5: Arterial (100' ROW)	12
Figure 6: Major Collector (80' ROW).....	13
Figure 7: Minor Collector (60' ROW).....	14
Figure 8: Local Roadway (50' ROW)	15
Figure 9: Proposed Thoroughfare Plan.....	17
Figure 10: Future Land Use Pattern	19
Figure 11: Build-out V/C Ratio	20

LIST OF TABLES

Table 1: Summary of 24-Hour Traffic Volumes.....	7
Table 2: Summary of Roadway Segments at or Near Capacity	7
Table 3: Trip Generation Estimate Under the Ultimate Conditions	18

INTRODUCTION

The City of Heath is a premier residential community situated on the east side of Lake Ray Hubbard and south of the City of Rockwall. The City is primarily in Rockwall County while a portion of the City limit extends south into Kaufmann County. This community of over 8,100 residents enjoys their pastoral setting and easy access to amenities of the metroplex. The City retained Lee Engineering to develop a Thoroughfare Plan update to serve their existing and future transportation needs.

The primary objective of the Thoroughfare Plan is to ensure the reservation of adequate right-of-way (ROW) on appropriate alignments to serve existing and future transportation needs. The Thoroughfare Plan ensures the development of a street system to serve both the mobility and access needs of the public.

Lee Engineering reviewed the existing Thoroughfare Plan from 2008, a draft plan developed in 2014, the 2018 Comprehensive plan, the 2019 Rockwall County Thoroughfare Plan, and other adjacent City's Thoroughfare Plans as part of this study effort. This document identifies recommended thoroughfare alignments, a functional classification system, and roadway cross-sections for the City of Heath to serve the City's transportation needs.

In 2018, the City of Heath completed a Comprehensive Plan update that presents strategies, goals, and objectives intended to guide the City towards achieving its vision. Under the Transportation Strategy of the Comprehensive Plan, there are three goals labeled:

- Maintenance (Goal 9)
- Planning (Goal 10)
- Coordination (Goal 11)

This Thoroughfare Plan exercise addresses Objectives 9.1, 10.1 through 10.5, and 11.1 of the Comprehensive Plan. These objectives are listed below:

Objective 9.1:

Identify strategies that balance convenient and efficient auto access with safe, well-designed pedestrian and bicycle facilities.

Objective 10.1:

Correlate the Transportation Strategy with the Land Use Strategy, specifically to ensure that the various land uses are accommodated by the transportation system.

Objective 10.2:

Review standards for roadway design based on anticipated function, traffic volume, and adjacent land use.

Objective 10.3:

Incorporate updated standards for roadways into the City's regulations.

Objective 10.4:

Plan for an interconnected and diverse street pattern to ease congestion, more evenly distribute traffic, and offer the flexibility of routes.

Objective 10.5:

Amend the Subdivision Ordinance to reflect the Comprehensive Plan and Transportation Plan.

Objective 11.1:

Ensure that Heath's Transportation Strategy is coordinated with the plans of surrounding cities as well as Rockwall County, Kaufman County, and the North Central Texas Council of Governments (NCTCOG).

EXISTING ROADWAY INFRASTRUCTURE

Heath is located on the east side of Lake Ray Hubbard. The neighboring cities are Rockwall to the North, McLendon-Chisholm to the east, and Dallas ETJ to the south. Many of the major roadways serving connectivity and mobility purposes within Heath are state maintained Farm-to-Market (FM) Roads such as FM 740, FM 549, and FM 550. City streets (mainly collectors or local streets) collect/distribute traffic from various parts of the City.

Chapter 4 *Land Use Strategy* of the Comprehensive Plan subdivides the City into six areas for future residential development. **Figure 1** shows occupied and vacant residential lots (platted and unplotted) in each area under the existing condition. Lee Engineering used this information as a base to develop the Thoroughfare Plan. Description of each subarea of the City based on the City's Comprehensive Plan is provided below:

Area 1: Area 1 is bounded by Horizon Road (FM 3097), Buffalo way (FM 549), and Ridge Road (FM 740). White Road and Heathland Crossing are the roadways that provide connections to the arterials in the area. In 2018, Area 1 was estimated to have 1,076 dwelling units. Area 1 also has an elementary school as well as a middle school.

Area 2: Major roadways that encompass Area 2 are: Horizon Road (FM 3097), Rabbit Ridge Road, McDonald Road, FM 740, Laurence Drive (FM 740), and Buffalo Way (FM 549). FM 550 provides connections between FM 740 and Rabbit Ridge Road. In 2018, Area 2 was estimated to have 440 dwelling units. Area 2 has an elementary school.

Area 3: This area is encompassed by Heath ETJ boundaries, FM 740, and Heath City limit. In 2018, Area 3 was estimated to have 90 dwelling units. Dwelling units in this area are rural estate type units.

Area 4: Area 4 is bounded by the Rockwall/Kaufman county line, Heath ETJ boundary, and Lake Ray Hubbard. In 2018, Area 4 was estimated to have 20 dwelling units. Some residential units identified as High-Density Residential in the Comprehensive Plan are under construction in Area 4.

Area 5: Area 5 is bounded by Hubbard Drive, FM 740, Rockwall/Kaufmann county line, and Lake Ray Hubbard. In 2018, Area 5 was estimated to have 340 dwelling units. Governor's Boulevard and Trophy Drive provide a connection to FM 740.

Area 6: Area 6 is bounded by Lake Ray Hubbard, Ridge Road (FM 740), Laurence Drive (FM 740), and Hubbard Drive. Smirl Drive (FM 1140), Terry Lane, and Myers Road are the roadways that provide connections to the arterials in the area. In 2018, Area 6 was estimated to have 1,256 dwelling units. Area 6 also has a high school, a cemetery, and retail developments.

Existing roadways that appear on the existing Thoroughfare Plan were inventoried. Data collected for each roadway included the number of lanes, the presence of a raised median and/or center two-way left turn lane (TWLTL). This inventory identified roadway segments that have been constructed and to current Thoroughfare Plan standards.

TxDOT publishes Average Annual Daily Traffic (AADT) volume data on its statewide planning map website. These data for the state roadways passing through the City were used in this Thoroughfare Plan update exercise. This data was supplemented with 24-hour traffic volumes collected at 10 locations on roadways identified in the existing Thoroughfare Plan.

The locations where the traffic volumes were collected are shown graphically in **Figure 2**, and the traffic volumes are summarized in **Table 1**. For the remaining roadway, links volumes were estimated based on existing land uses.

Existing Condition Analysis

Peak hour per lane capacity values from the NCTCOG travel demand model were used to calculate the daily capacity of a roadway. Peak hour capacities were then expanded to daily capacities by applying factors to account for the number of lanes, directionality of the peak hour traffic (D-Factor), and the ratio of peak hour to daily traffic volumes (K Factor). These factors were selected based on existing counts and typical ranges for suburban areas. The counts in Heath showed the typical peak hour volume was 11% of the total daily volumes. Based on a book entitled “*Traffic Engineering*” authored by Roess, Prassas, and McShane, the D-Factor was assumed to be 55%. An example of these calculations for a four-lane divided arterial is shown below:

Peak hour capacity = 925 vehicles per hour per lane

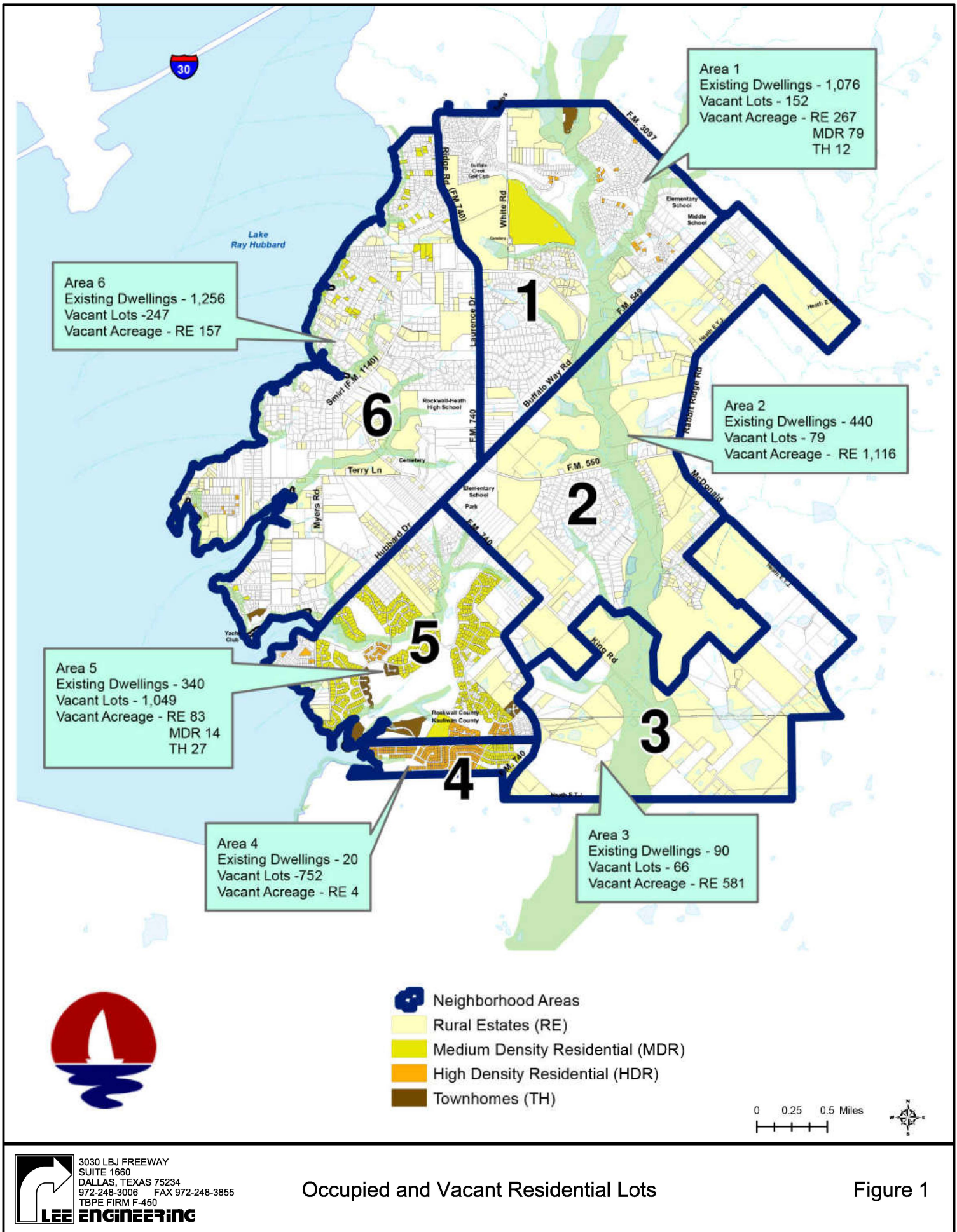
Number of lanes = 2

Peak hour factor (K) = 11%

Directionality factor (D) = 55%

Daily Capacity = $(925 * 2) / (0.11 * 0.55) = 31,000$ vehicles per day

As a part of the traffic volume evaluation, existing daily volume-to-capacity (V/C) ratios were calculated for the roadway links. **Table 2** shows links operating near or above capacity. **Figure 3** shows the existing V/C ratios for the City street system.



Occupied and Vacant Residential Lots

Figure 1

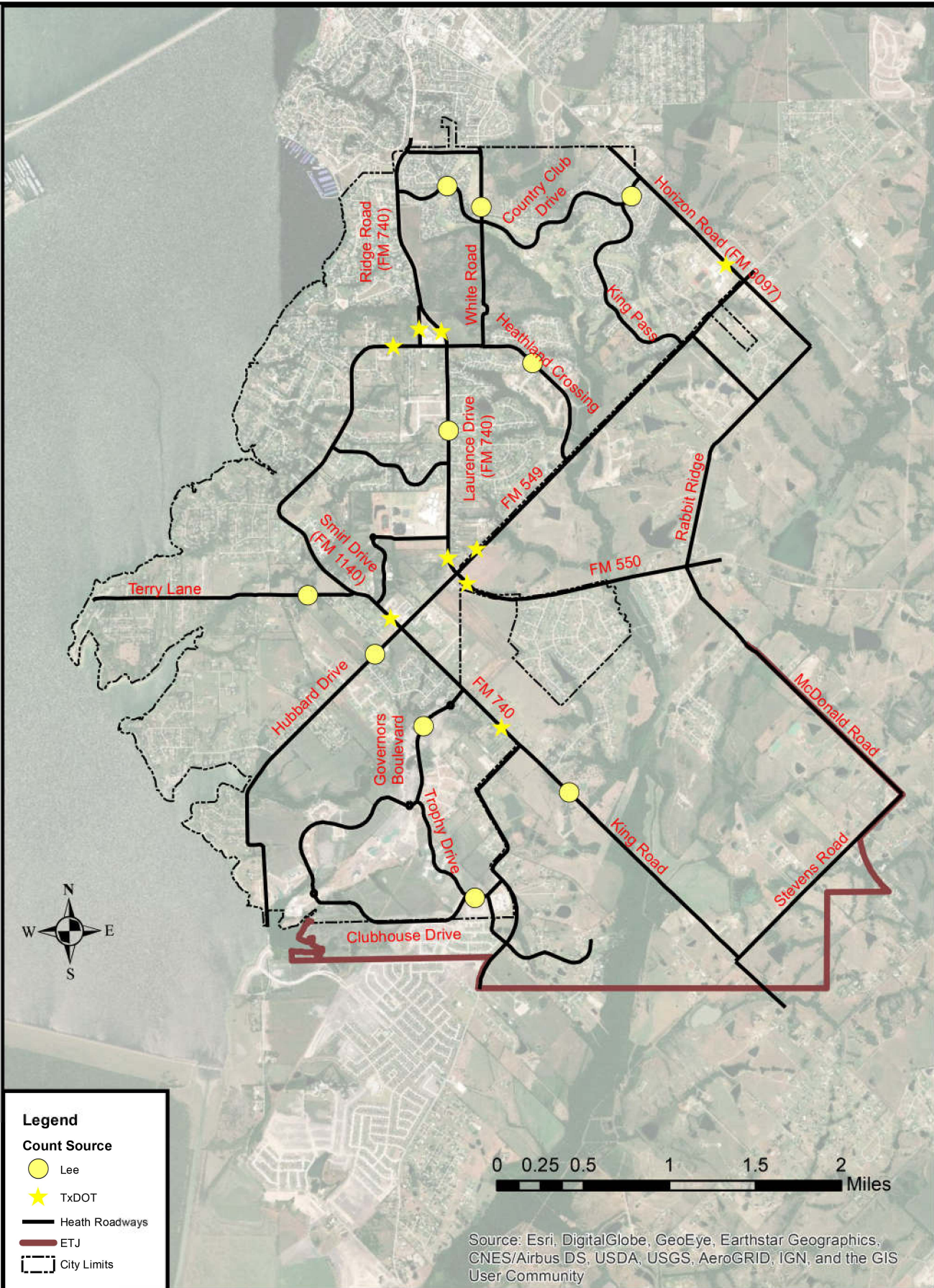


Table 1: Summary of 24-Hour Traffic Volumes

Street Name	State Designation	From	To	24-Hour Volume	Notes
Country Club Drive		Ridge Road (FM 740)	White Road	1,130	Lee Counts
Country Club Drive		King Pass	Horizon Road (FM 3097)	9,162	Lee Counts
White Road		Northern City Limit	Country Club Drive	1,360	Lee Counts
Horizon Road	FM 3097	Northern City Limit	FM 549	5,665	TxDOT
Smirl Drive	FM 1140	Ridge Road (FM 740)	Twin View Road/Wyndemere Road	6,478	TxDOT
Smirl Drive	FM 1140	Twin View Road/Wyndemere Road	Laurence Drive (FM 740)	3,433	TxDOT
Old Ridge Road		Ridge Road (FM 740)	Smirl Drive/Laurence Drive	2,881	TxDOT
Ridge Road	FM 740	Old Ridge Road	Smirl Drive FM 1140/Heathland Crossing	12,923	TxDOT
Heathland Crossing		Wilford Way	Buffalo Road (FM 549)	972	Lee Counts
Laurence Drive	FM 740	Las Lomas Drive	Crestridge Road	12,545	Lee Counts
Laurence Drive	FM 740	Heath Hawk Drive	Buffalo Road (FM 549)/FM 550	8,501	TxDOT
Buffalo Road	FM 549	Heathland Crossing	Laurence Drive (FM 740)/FM 550	5,940	TxDOT
McLendon Road	FM 550	Laurence Drive (FM 740)/Buffalo Road (FM 549)	McDonald Road	4,400	TxDOT
Terry Lane		Meadowview Road	Smirl Drive FM 1140	1,118	Lee Counts
Hubbard Drive		Smirl Drive (FM 1140)/FM 740	Crisp Drive	3,155	Lee Counts
Governors Boulevard		FM 740	Trophy Drive	1,144	Lee Counts
FM 740		Laurence Drive/Hubbard Drive	Kings Road	8,013	TxDOT
S King Road		FM 740	Stevens Road	588	Lee Counts
Trophy Drive		Governors Boulevard	Clubhouse Drive	592	Lee Counts

Table 2: Summary of Roadway Segments at or Near Capacity

Street Name	From	To	Existing Number of Lanes	Divided	24-Hour Traffic Volume	Capacity (Veh/Day)	V/C
Country Club Drive	Kings Pass	Horizon Road	2	No	9,162	8,678	1.06
FM 740	Laurence Drive/Hubbard Drive	Kings Road	2	No	8,013	9,091	0.88
Smirl Drive (FM 1140)	Ridge Road (FM 740)	Twin View Road/Wyndemere Road	2	No	6,478	9,091	0.71

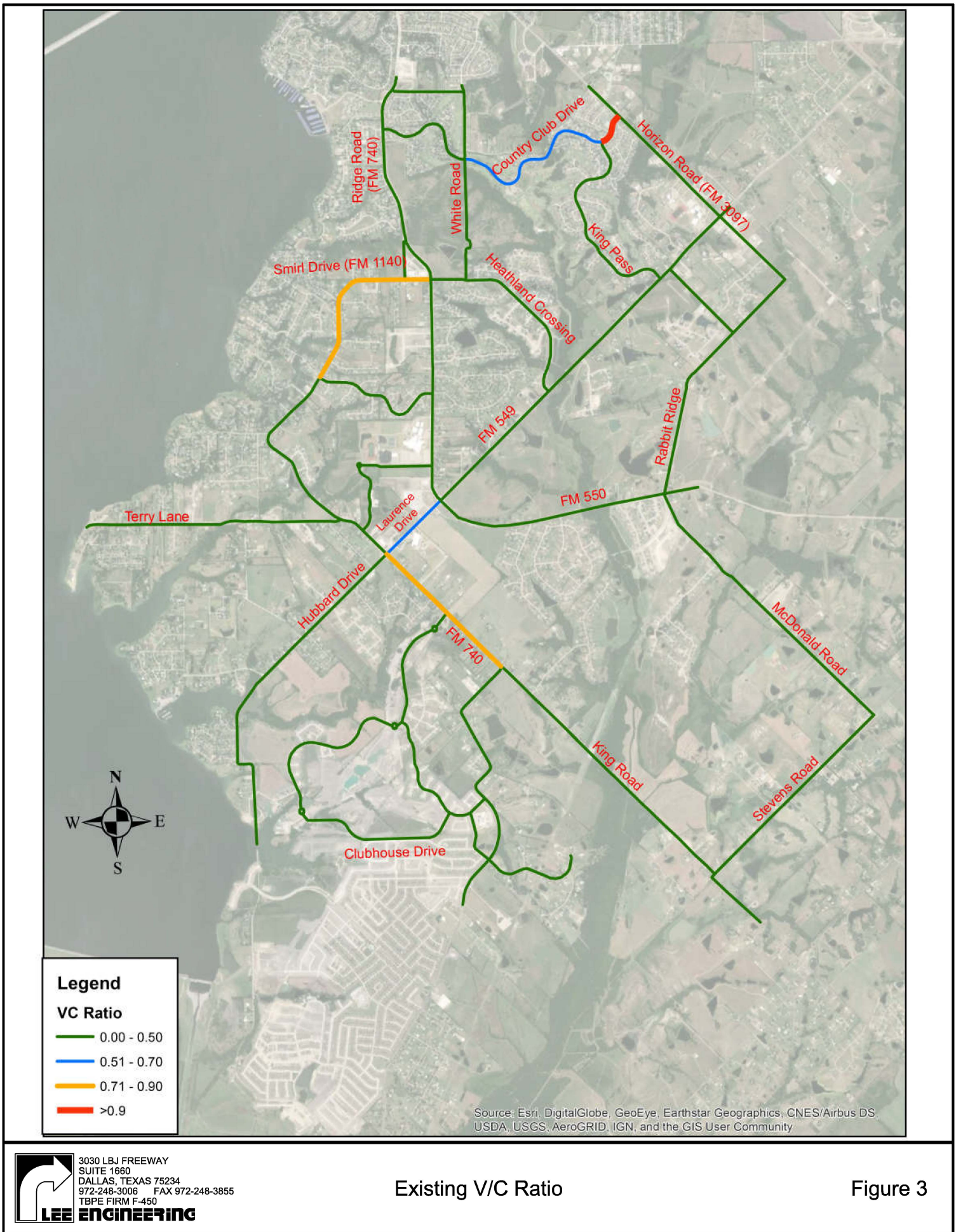


Figure 3

MOBILITY OBJECTIVES AND FUNCTIONAL CLASSIFICATIONS

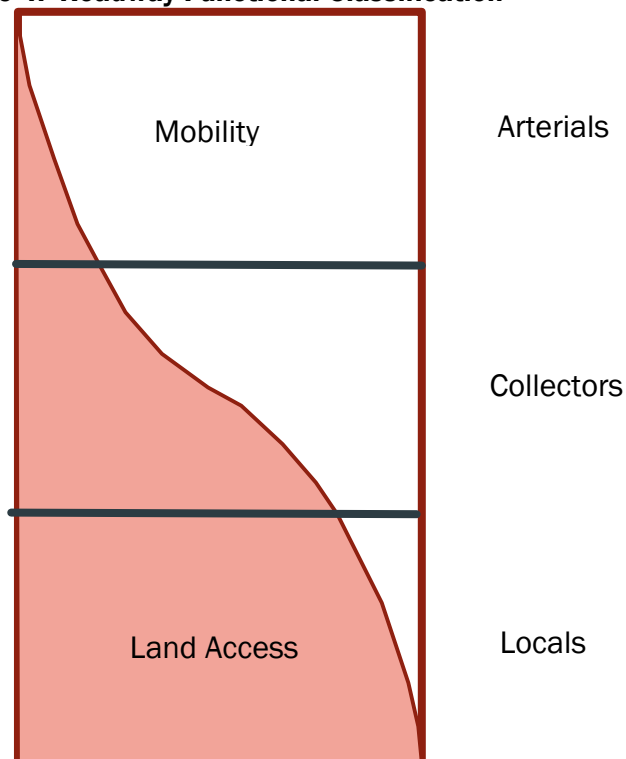
The functional classification of highways and streets refers to the classification of roadways according to the purpose they serve. The intention is to provide reasonable similarity of the roadway, roadside, and operating environment within each functional class. While classification schemes vary by area type (urban or rural) or by agencies, three general categories are Arterial, Collector, and Local.

Access and/or mobility governs the roadway classification. The lower classifications are primarily intended to provide access to the adjacent land uses with low speed and short trips. On the other end, higher classification's function is mobility with longer trip lengths, higher speed, and limited access.

Each roadway functional classification has standards that determine the physical features of the facility. These standards govern design parameters such as but not limited to the right of way (ROW), the number of lanes, lane width, median access spacing, and design speed.

Figure 4 provides the graphical illustration of functional classification based on the primary function of mobility or access.

Figure 4: Roadway Functional Classification



Based on the discussion with the City staff and guidance from the City Council, the three functional classifications were selected for this Thoroughfare Plan development exercise. Details for each functional class such as right-of-way width, number of lanes, and various cross-sections are discussed in this section.

Roadway cross-sections shown in this section may provide adequate ROW for the development of a single left-turn lane at major intersections or access points for major traffic generators. For those cross-sections where adequate ROW is not provided for a single left turn lane at a major traffic generator or intersection, or where dual left turn lanes or a right turn lane is needed, additional ROW should be reserved to provide the additional lane(s). For each functional classification, alternative concepts are provided to allow selection of the most appropriate configuration as part of the development and roadway design process. There are alternative layouts presented under each designation. Some of these layouts include the presence of a 10-foot trail.

Arterial (100' ROW)

The Arterial designation is a four-lane divided roadway within a 100-foot wide ROW with geometric options shown in **Figure 5**. The primary purpose of this facility is to provide mobility for long trip lengths and general connectivity within and to areas outside of Heath. Greater spacing between driveway/intersections is recommended on Arterials to maintain capacity and serve the purpose of mobility. An alternative layout presented under this designation may include the presence of a 10-foot trail on both sides. Alternative median widths are also shown in the alternative layouts. A sidewalk is shown on both sides of the roadway under all alternatives. Typically, Arterials have desired operating speeds in the range of 40 - 45 mph.

Major Collector (80' ROW)

The Major Collector designation includes a four-lane undivided, a five-lane, a three-lane roadway with an 80-foot wide ROW and is shown in **Figure 6**. This facility serves the primary purpose of collecting trips within subareas of Heath and providing access to arterials or other collectors throughout the City. Frequent access spacing can be provided on Major Collectors compared to Arterials. However, typical single-family lots should not have direct access to a Major Collector. The alternative layouts presented under this designation include the presence of a 10-foot trail on both sides. A sidewalk is shown on both sides of the roadway under all alternatives. Typically, Major Collectors have desired operating speeds in the range of 30 - 35 mph.

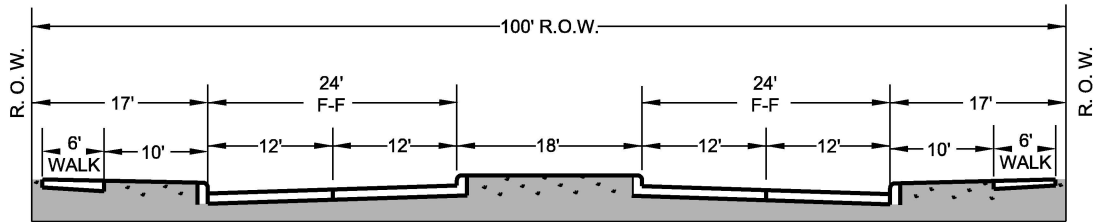
Minor Collector (60' ROW)

The Minor Collector designation consists of three separate cross-sections within a 60-foot wide ROW and is shown in **Figure 7**. The first cross-section provides a two-lane undivided roadway section with on-street parking. The second cross-section provides a two-lane undivided roadway section with a center two-way left turn lane (TWLTL) between the two through lanes. The third cross-section provides a narrow two-lane undivided roadway section with open swale drainage. This facility serves a similar purpose as the Major Collector, collecting trips within subareas of Heath or a residential subdivision and providing access to the larger network of streets throughout the City. Typical desired operating speeds on Minor Collectors are 30 mph.

Local Roadway (50' ROW)

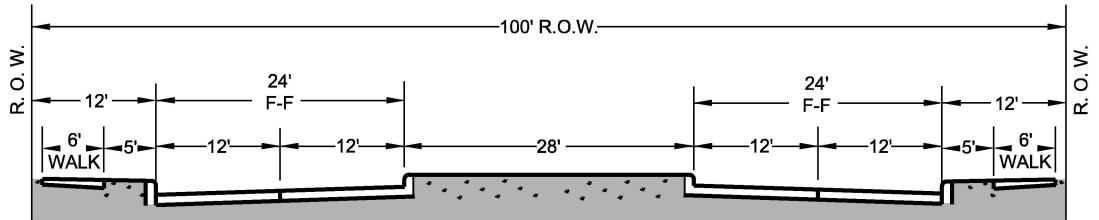
Local Roadways are not shown on the Thoroughfare Plan. This classification primarily provides access to properties in residential neighborhoods. The proposed cross-section for a Local Roadway includes sidewalks on both sides. The cross-section for a Local Roadway is contained within a 50-foot wide ROW as shown in **Figure 8**.

Ⓐ



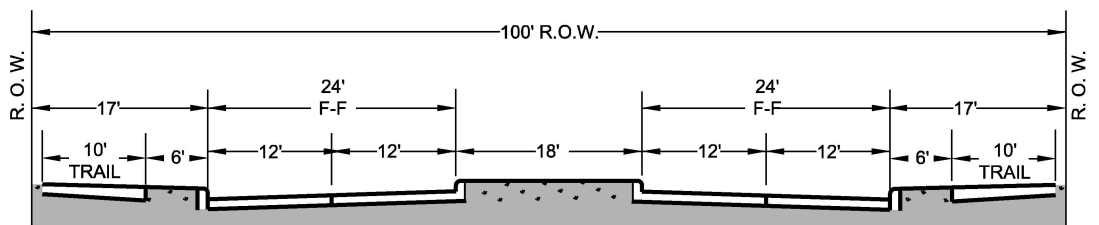
Major Arterial - 4 lane divided roadway, 6' sidewalks

Ⓑ



Major Arterial - 4 lane divided roadway, wide median, 6' sidewalks

Ⓒ



Major Arterial - 4 lane divided roadway, 10' hike & bike trail

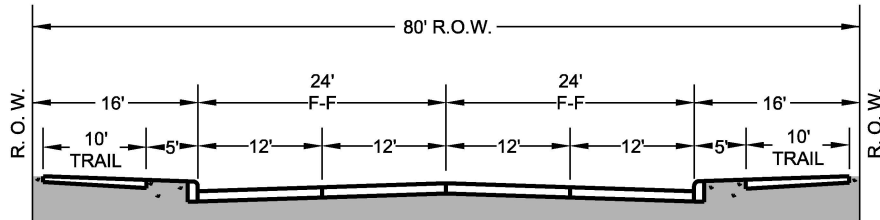


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Arterial (100' ROW)

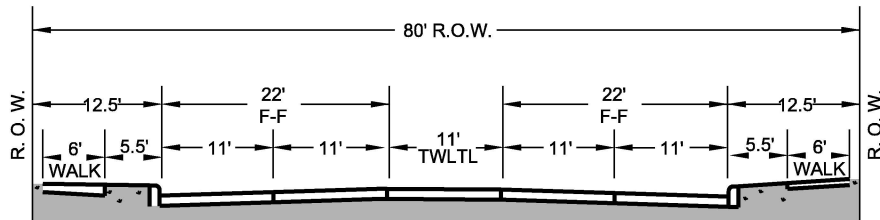
Figure 5

Ⓐ



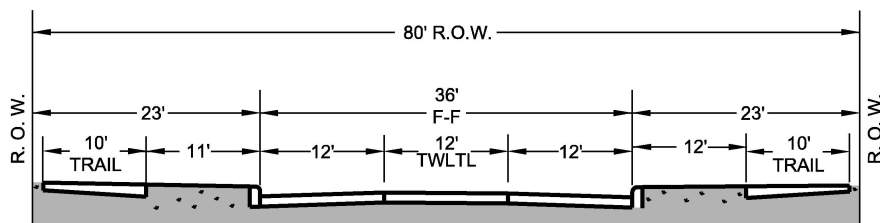
Major Collector - 4 lane undivided roadway, 10' hike & bike trail

Ⓑ



Major Collector - 5 lane roadway with two-way left turn lane,
6' sidewalk

Ⓒ



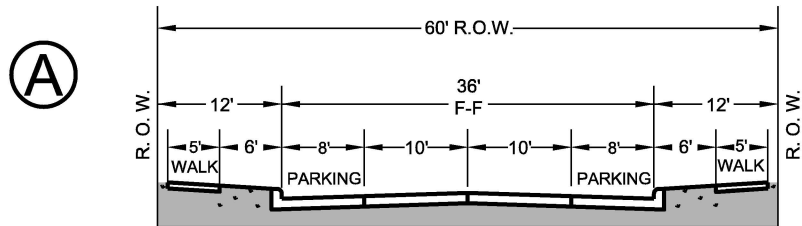
Major Collector - 3 lane roadway with two-way left turn lane,
10' hike and bike trail on both sides



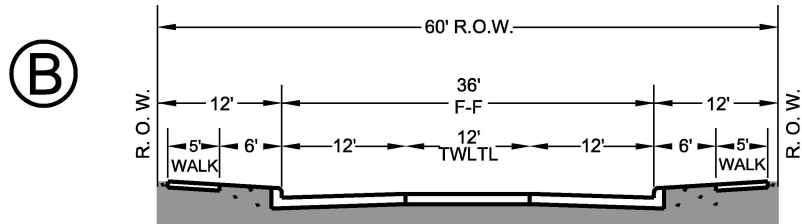
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Major Collector (80' ROW)

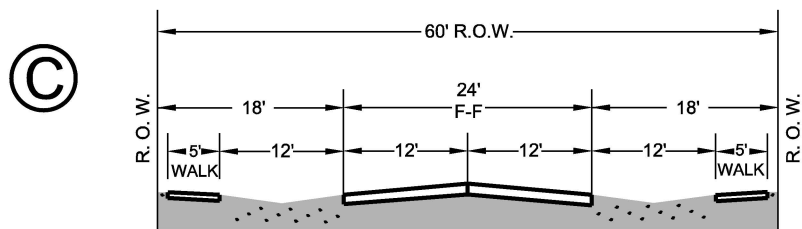
Figure 6



Minor Collector - 2 lane undivided, 8' parking, 5' sidewalks



Minor Collector - 3 lane, 12' two way left turn lane,
5' sidewalks



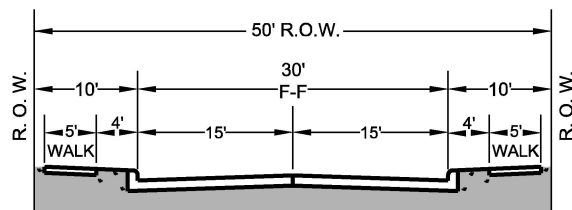
Minor Collector - 2 lane undivided, 5' sidewalks



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Minor Collector (60' ROW)

Figure 7



Local Roadway - 2 lane undivided, 5' sidewalks



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Local Roadway (50' ROW)

Figure 8

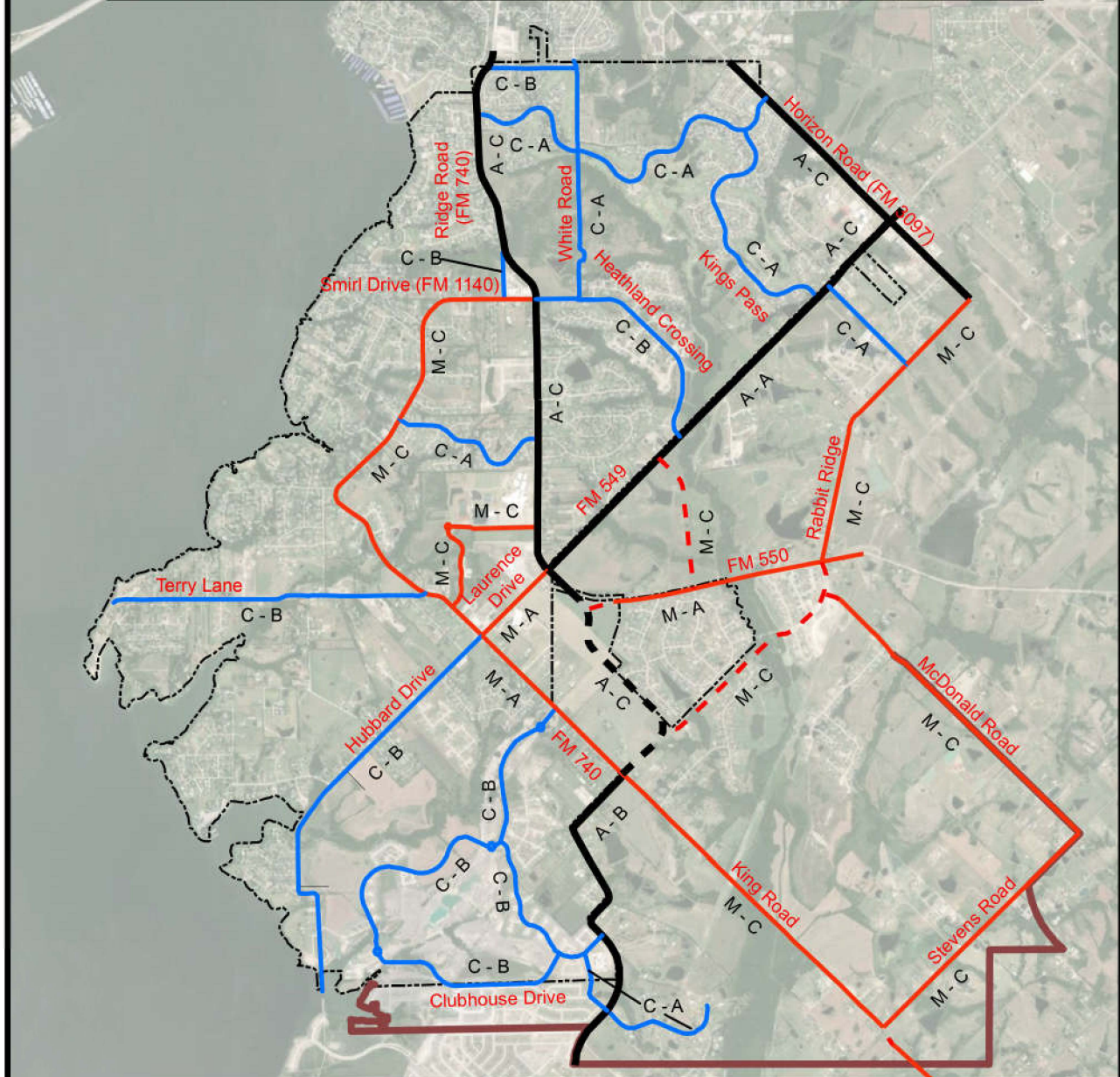
PROPOSED THOROUGHFARE PLAN

The proposed Thoroughfare Plan for the City of Heath is shown in **Figure 9**. Proposed roadways shown are not intended to indicate precise alignments, rather they show a needed connection.

The Arterials form the primary framework of the proposed roadway system and are intended to carry the longest trips and the highest traffic volumes. The proposed Arterials, as shown in Figure 9, are:

1. Ridge Road (FM 740)
2. Horizon Road
3. Buffalo Drove (FM 549)
4. FM 740

Heath Thoroughfare Plan



Legend

Existing Proposed

- Arterial (A) 100'
- Major Collector (M) 80'
- Minor Collector (C) 60'

— Classification (A, M, or C)
 X - Y Proposed Cross-section (A, B, or C)

- ETJ
- City Limit



0 0.25 0.5 1 1.5 2 Miles



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Proposed Thoroughfare Plan
 Approved by Heath City Council 7-23-19

Figure 9

PROJECTED TRANSPORTATION DEMAND

Chapter 4 of the Comprehensive Plan discusses future land use patterns. **Figure 10** shows future land use pattern as published in the Comprehensive Plan.

Lee Engineering estimated the number of new trips generated under build-out condition using the following information:

- Future land-uses and number of dwelling units in each subarea under build-out scenario as published in the City's Comprehensive Plan, and
- The trip generation rates and equations provided in the publication entitled *Trip Generation Manual, 10th Edition*, by the Institute of Transportation Engineers (ITE).

Please note that future land use information provided in City's Comprehensive Plan is general and for planning purposes only. Therefore, trips for areas identified as mixed-use were estimated using rates/equations for the shopping center land use. **Table 3** shows the number of dwelling units, estimated floor area of non-residential development, and estimated new trips for each subarea.

Table 3: Trip Generation Estimate Under the Ultimate Conditions

	New Dwelling Units	Non-Residential Developments (Square Feet)			New Trips
		Mixed-Use	Retail	Office	
Area 1	522			55,757	5,057
Area 2	782	250,906	55,757	390,298	16,525
Area 3	432				3,996
Area 4	755				6,678
Area 5	976	250,906	55,757		16,097
Area 6	346	947,866	223,027		22,317

The 2018 traffic volumes, existing roadway layout, and the proposed future land-use plan were used to determine the distribution of the projected trips from new developments (Table 3) on the City's roadway network. These projected trips from new development were added to the existing (2018) traffic volumes to project total volume on the City roadway network under build-out conditions. The V/C ratio at the build-out was calculated using the projected total volumes. All the arterials were assumed to be four-lane roadways to calculate capacity at the build-out. All the collectors were assumed to be two-lane roadways except those that have a four-lane cross-section under the existing conditions.

Figure 11 shows the projected V/C ratio for the City's roadway network under build-out conditions.

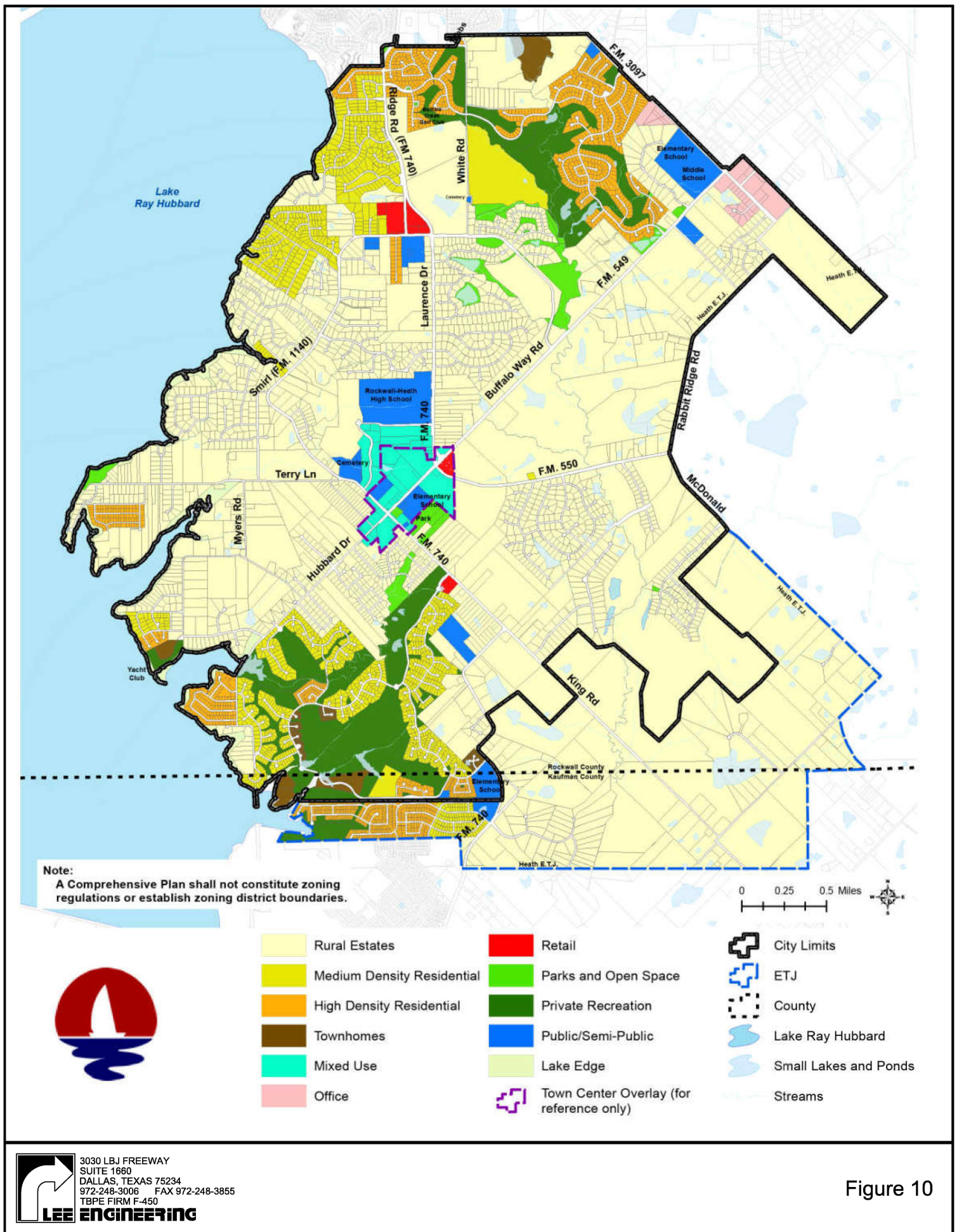
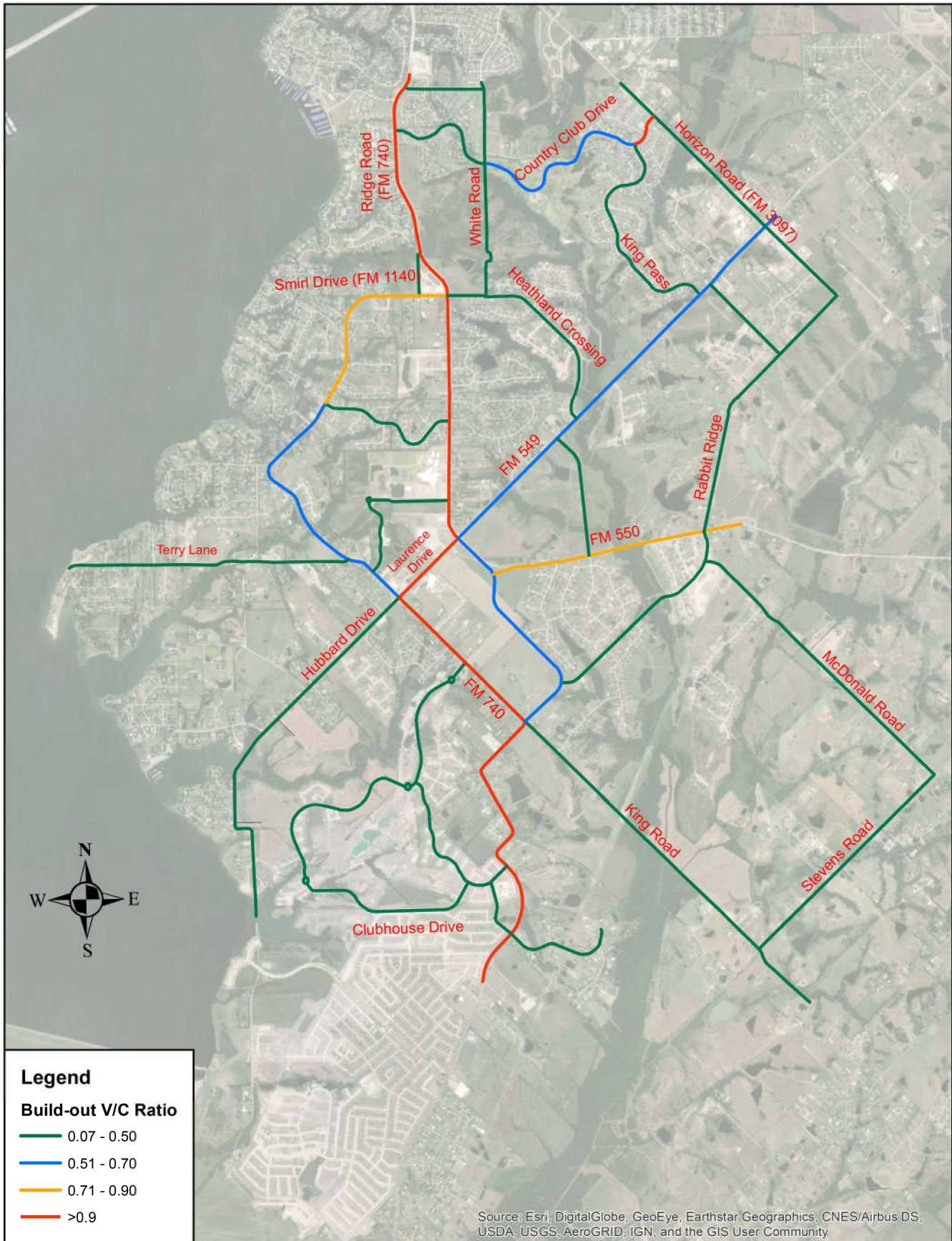


Figure 10



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Build-out V/C Ratio

Figure 11

THOROUGHFARE PLAN AMENDMENT PROCESS

It will be necessary to periodically consider and adopt amendments to the Thoroughfare Plan to reflect changing conditions and new needs for thoroughfare system improvements and development. A systematic procedure should be followed for making plan amendments, including a schedule for considering changes.

Typically, plan amendment requests may originate from landowners, civic groups, neighborhood associations, developers, other governmental agencies, city staff, and other interested parties. Proposed revisions should be analyzed by the Planning Director, Public Works Director/City Engineer, and other City Staff. The proposed changes and staff recommendations should then be considered by the Planning and Zoning Commission and City Council. The burden for establishing compelling reasons for and public benefit of any proposed changes should rest with the requesting parties. Decisions and determinations should represent the best interests of the public.

Subject to Planning and Zoning Commission recommendation, the revised Thoroughfare Plan, including any approved recommended plan amendments, should be submitted and considered by the City Council for adoption. The amended plan becomes effective upon adoption by the City Council.

APPENDIX

1 - TERRY LN E OF MEADOWVIEW RD

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 927

Date	Time	EB	WB	TOTAL
4/24/2018	12:00 AM	0	0	0
4/24/2018	12:15 AM	0	0	0
4/24/2018	12:30 AM	0	0	0
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	2	2
4/24/2018	01:15 AM	2	0	2
4/24/2018	01:30 AM	2	2	4
4/24/2018	01:45 AM	0	2	2
4/24/2018	02:00 AM	2	0	2
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	0	0	0
4/24/2018	02:45 AM	0	0	0
4/24/2018	03:00 AM	1	0	1
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	1	0	1
4/24/2018	03:45 AM	0	2	2
4/24/2018	04:00 AM	1	0	1
4/24/2018	04:15 AM	0	0	0
4/24/2018	04:30 AM	0	1	1
4/24/2018	04:45 AM	3	1	4
4/24/2018	05:00 AM	3	0	3
4/24/2018	05:15 AM	1	0	1
4/24/2018	05:30 AM	2	2	4
4/24/2018	05:45 AM	6	0	6
4/24/2018	06:00 AM	3	0	3
4/24/2018	06:15 AM	4	4	8
4/24/2018	06:30 AM	6	1	7
4/24/2018	06:45 AM	6	2	8
4/24/2018	07:00 AM	6	1	7
4/24/2018	07:15 AM	7	2	9
4/24/2018	07:30 AM	24	6	30
4/24/2018	07:45 AM	18	8	26
4/24/2018	08:00 AM	7	14	21
4/24/2018	08:15 AM	18	6	24
4/24/2018	08:30 AM	22	10	32
4/24/2018	08:45 AM	10	6	16
4/24/2018	09:00 AM	10	5	15
4/24/2018	09:15 AM	5	7	12
4/24/2018	09:30 AM	4	11	15
4/24/2018	09:45 AM	4	4	8
4/24/2018	10:00 AM	12	5	17
4/24/2018	10:15 AM	7	8	15
4/24/2018	10:30 AM	4	3	7
4/24/2018	10:45 AM	4	3	7
4/24/2018	11:00 AM	6	10	16
4/24/2018	11:15 AM	4	7	11
4/24/2018	11:30 AM	6	11	17
4/24/2018	11:45 AM	15	12	27
4/24/2018	12:00 PM	9	8	17

4/24/2018 12:15 PM	12	9	21
4/24/2018 12:30 PM	6	4	10
4/24/2018 12:45 PM	2	4	6
4/24/2018 01:00 PM	7	8	15
4/24/2018 01:15 PM	6	9	15
4/24/2018 01:30 PM	6	4	10
4/24/2018 01:45 PM	6	8	14
4/24/2018 02:00 PM	8	4	12
4/24/2018 02:15 PM	10	6	16
4/24/2018 02:30 PM	6	3	9
4/24/2018 02:45 PM	21	4	25
4/24/2018 03:00 PM	6	22	28
4/24/2018 03:15 PM	10	10	20
4/24/2018 03:30 PM	10	11	21
4/24/2018 03:45 PM	15	14	29
4/24/2018 04:00 PM	14	16	30
4/24/2018 04:15 PM	5	8	13
4/24/2018 04:30 PM	7	14	21
4/24/2018 04:45 PM	8	12	20
4/24/2018 05:00 PM	11	20	31
4/24/2018 05:15 PM	11	20	31
4/24/2018 05:30 PM	12	12	24
4/24/2018 05:45 PM	12	12	24
4/24/2018 06:00 PM	15	18	33
4/24/2018 06:15 PM	8	13	21
4/24/2018 06:30 PM	6	10	16
4/24/2018 06:45 PM	10	2	12
4/24/2018 07:00 PM	14	6	20
4/24/2018 07:15 PM	7	13	20
4/24/2018 07:30 PM	4	10	14
4/24/2018 07:45 PM	8	13	21
4/24/2018 08:00 PM	12	5	17
4/24/2018 08:15 PM	10	10	20
4/24/2018 08:30 PM	4	6	10
4/24/2018 08:45 PM	2	4	6
4/24/2018 09:00 PM	6	6	12
4/24/2018 09:15 PM	4	6	10
4/24/2018 09:30 PM	4	2	6
4/24/2018 09:45 PM	0	1	1
4/24/2018 10:00 PM	2	2	4
4/24/2018 10:15 PM	6	0	6
4/24/2018 10:30 PM	0	2	2
4/24/2018 10:45 PM	0	2	2
4/24/2018 11:00 PM	2	3	5
4/24/2018 11:15 PM	1	1	2
4/24/2018 11:30 PM	0	1	1
4/24/2018 11:45 PM	1	0	1
	582	536	1118

2 - HUBBARD DR S OF FM 740 & SMITH DR (FM 1140)

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 701

Date	Time	EB	WB	TOTAL
4/24/2018	12:00 AM	4	2	6
4/24/2018	12:15 AM	0	1	1
4/24/2018	12:30 AM	0	2	2
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	0	0
4/24/2018	01:15 AM	0	0	0
4/24/2018	01:30 AM	0	1	1
4/24/2018	01:45 AM	1	0	1
4/24/2018	02:00 AM	0	0	0
4/24/2018	02:15 AM	0	2	2
4/24/2018	02:30 AM	0	4	4
4/24/2018	02:45 AM	2	2	4
4/24/2018	03:00 AM	0	0	0
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	0	0	0
4/24/2018	03:45 AM	0	0	0
4/24/2018	04:00 AM	3	0	3
4/24/2018	04:15 AM	3	0	3
4/24/2018	04:30 AM	2	0	2
4/24/2018	04:45 AM	1	0	1
4/24/2018	05:00 AM	6	1	7
4/24/2018	05:15 AM	8	0	8
4/24/2018	05:30 AM	12	0	12
4/24/2018	05:45 AM	10	5	15
4/24/2018	06:00 AM	17	4	21
4/24/2018	06:15 AM	17	2	19
4/24/2018	06:30 AM	17	6	23
4/24/2018	06:45 AM	25	4	29
4/24/2018	07:00 AM	36	10	46
4/24/2018	07:15 AM	28	11	39
4/24/2018	07:30 AM	50	13	63
4/24/2018	07:45 AM	54	22	76
4/24/2018	08:00 AM	47	28	75
4/24/2018	08:15 AM	44	29	73
4/24/2018	08:30 AM	45	38	83
4/24/2018	08:45 AM	36	19	55
4/24/2018	09:00 AM	23	16	39
4/24/2018	09:15 AM	34	18	52
4/24/2018	09:30 AM	28	20	48
4/24/2018	09:45 AM	24	17	41
4/24/2018	10:00 AM	24	14	38
4/24/2018	10:15 AM	26	12	38
4/24/2018	10:30 AM	28	2	30
4/24/2018	10:45 AM	34	1	35
4/24/2018	11:00 AM	39	4	43
4/24/2018	11:15 AM	47	2	49
4/24/2018	11:30 AM	37	2	39
4/24/2018	11:45 AM	40	3	43
4/24/2018	12:00 PM	55	2	57

4/24/2018 12:15 PM	46	2	48
4/24/2018 12:30 PM	54	0	54
4/24/2018 12:45 PM	35	0	35
4/24/2018 01:00 PM	30	0	30
4/24/2018 01:15 PM	48	0	48
4/24/2018 01:30 PM	32	0	32
4/24/2018 01:45 PM	36	0	36
4/24/2018 02:00 PM	42	1	43
4/24/2018 02:15 PM	54	0	54
4/24/2018 02:30 PM	39	0	39
4/24/2018 02:45 PM	57	0	57
4/24/2018 03:00 PM	66	0	66
4/24/2018 03:15 PM	46	0	46
4/24/2018 03:30 PM	56	0	56
4/24/2018 03:45 PM	50	0	50
4/24/2018 04:00 PM	68	0	68
4/24/2018 04:15 PM	58	0	58
4/24/2018 04:30 PM	62	0	62
4/24/2018 04:45 PM	66	2	68
4/24/2018 05:00 PM	66	2	68
4/24/2018 05:15 PM	78	0	78
4/24/2018 05:30 PM	66	0	66
4/24/2018 05:45 PM	68	1	69
4/24/2018 06:00 PM	77	0	77
4/24/2018 06:15 PM	56	11	67
4/24/2018 06:30 PM	26	22	48
4/24/2018 06:45 PM	18	30	48
4/24/2018 07:00 PM	20	31	51
4/24/2018 07:15 PM	9	16	25
4/24/2018 07:30 PM	22	24	46
4/24/2018 07:45 PM	17	28	45
4/24/2018 08:00 PM	18	26	44
4/24/2018 08:15 PM	16	24	40
4/24/2018 08:30 PM	10	22	32
4/24/2018 08:45 PM	10	18	28
4/24/2018 09:00 PM	8	18	26
4/24/2018 09:15 PM	9	13	22
4/24/2018 09:30 PM	14	8	22
4/24/2018 09:45 PM	8	9	17
4/24/2018 10:00 PM	4	11	15
4/24/2018 10:15 PM	3	9	12
4/24/2018 10:30 PM	2	10	12
4/24/2018 10:45 PM	2	6	8
4/24/2018 11:00 PM	1	2	3
4/24/2018 11:15 PM	1	4	5
4/24/2018 11:30 PM	1	3	4
4/24/2018 11:45 PM	0	1	1
	2482	673	3155

3 - WHITE RD BTWN KYSER SPRING RD & COUNTRY CLUB DR

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 938

Date	Time	NB	SB	TOTAL
4/24/2018	12:00 AM	0	1	1
4/24/2018	12:15 AM	1	0	1
4/24/2018	12:30 AM	0	0	0
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	0	0
4/24/2018	01:15 AM	0	0	0
4/24/2018	01:30 AM	0	0	0
4/24/2018	01:45 AM	0	0	0
4/24/2018	02:00 AM	0	0	0
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	0	0	0
4/24/2018	02:45 AM	0	0	0
4/24/2018	03:00 AM	1	0	1
4/24/2018	03:15 AM	1	0	1
4/24/2018	03:30 AM	0	2	2
4/24/2018	03:45 AM	0	0	0
4/24/2018	04:00 AM	0	0	0
4/24/2018	04:15 AM	0	0	0
4/24/2018	04:30 AM	0	3	3
4/24/2018	04:45 AM	0	3	3
4/24/2018	05:00 AM	2	0	2
4/24/2018	05:15 AM	4	0	4
4/24/2018	05:30 AM	2	0	2
4/24/2018	05:45 AM	6	0	6
4/24/2018	06:00 AM	2	0	2
4/24/2018	06:15 AM	2	1	3
4/24/2018	06:30 AM	6	1	7
4/24/2018	06:45 AM	10	3	13
4/24/2018	07:00 AM	7	3	10
4/24/2018	07:15 AM	5	4	9
4/24/2018	07:30 AM	22	5	27
4/24/2018	07:45 AM	15	11	26
4/24/2018	08:00 AM	14	2	16
4/24/2018	08:15 AM	14	7	21
4/24/2018	08:30 AM	15	3	18
4/24/2018	08:45 AM	16	5	21
4/24/2018	09:00 AM	8	5	13
4/24/2018	09:15 AM	9	5	14
4/24/2018	09:30 AM	9	4	13
4/24/2018	09:45 AM	6	9	15
4/24/2018	10:00 AM	10	7	17
4/24/2018	10:15 AM	6	5	11
4/24/2018	10:30 AM	12	6	18
4/24/2018	10:45 AM	8	12	20
4/24/2018	11:00 AM	10	10	20
4/24/2018	11:15 AM	3	18	21
4/24/2018	11:30 AM	9	12	21
4/24/2018	11:45 AM	14	14	28
4/24/2018	12:00 PM	8	10	18

4/24/2018 12:15 PM	13	8	21
4/24/2018 12:30 PM	14	14	28
4/24/2018 12:45 PM	6	18	24
4/24/2018 01:00 PM	9	20	29
4/24/2018 01:15 PM	10	13	23
4/24/2018 01:30 PM	10	21	31
4/24/2018 01:45 PM	9	18	27
4/24/2018 02:00 PM	11	16	27
4/24/2018 02:15 PM	6	11	17
4/24/2018 02:30 PM	16	14	30
4/24/2018 02:45 PM	20	20	40
4/24/2018 03:00 PM	18	12	30
4/24/2018 03:15 PM	24	16	40
4/24/2018 03:30 PM	11	24	35
4/24/2018 03:45 PM	13	21	34
4/24/2018 04:00 PM	16	22	38
4/24/2018 04:15 PM	11	20	31
4/24/2018 04:30 PM	10	23	33
4/24/2018 04:45 PM	8	22	30
4/24/2018 05:00 PM	18	19	37
4/24/2018 05:15 PM	22	14	36
4/24/2018 05:30 PM	12	14	26
4/24/2018 05:45 PM	15	14	29
4/24/2018 06:00 PM	16	10	26
4/24/2018 06:15 PM	11	16	27
4/24/2018 06:30 PM	13	13	26
4/24/2018 06:45 PM	12	13	25
4/24/2018 07:00 PM	6	7	13
4/24/2018 07:15 PM	8	10	18
4/24/2018 07:30 PM	8	14	22
4/24/2018 07:45 PM	8	8	16
4/24/2018 08:00 PM	9	5	14
4/24/2018 08:15 PM	5	5	10
4/24/2018 08:30 PM	1	3	4
4/24/2018 08:45 PM	0	6	6
4/24/2018 09:00 PM	2	6	8
4/24/2018 09:15 PM	2	2	4
4/24/2018 09:30 PM	2	2	4
4/24/2018 09:45 PM	1	2	3
4/24/2018 10:00 PM	0	2	2
4/24/2018 10:15 PM	1	1	2
4/24/2018 10:30 PM	0	1	1
4/24/2018 10:45 PM	1	0	1
4/24/2018 11:00 PM	2	0	2
4/24/2018 11:15 PM	0	1	1
4/24/2018 11:30 PM	0	0	0
4/24/2018 11:45 PM	1	0	1
	668	692	1360

4 - COUNTRY CLUB DR E OF RIDGE RD

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 864

Date	Time	EB	WB	TOTAL
4/24/2018	12:00 AM	0	0	0
4/24/2018	12:15 AM	0	0	0
4/24/2018	12:30 AM	0	0	0
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	0	0
4/24/2018	01:15 AM	0	0	0
4/24/2018	01:30 AM	0	0	0
4/24/2018	01:45 AM	0	0	0
4/24/2018	02:00 AM	0	0	0
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	0	0	0
4/24/2018	02:45 AM	0	0	0
4/24/2018	03:00 AM	0	1	1
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	0	0	0
4/24/2018	03:45 AM	0	0	0
4/24/2018	04:00 AM	0	0	0
4/24/2018	04:15 AM	0	0	0
4/24/2018	04:30 AM	1	0	1
4/24/2018	04:45 AM	0	1	1
4/24/2018	05:00 AM	1	1	2
4/24/2018	05:15 AM	0	0	0
4/24/2018	05:30 AM	0	0	0
4/24/2018	05:45 AM	0	4	4
4/24/2018	06:00 AM	2	1	3
4/24/2018	06:15 AM	1	4	5
4/24/2018	06:30 AM	0	6	6
4/24/2018	06:45 AM	2	4	6
4/24/2018	07:00 AM	2	10	12
4/24/2018	07:15 AM	3	5	8
4/24/2018	07:30 AM	6	11	17
4/24/2018	07:45 AM	10	24	34
4/24/2018	08:00 AM	10	10	20
4/24/2018	08:15 AM	8	15	23
4/24/2018	08:30 AM	11	16	27
4/24/2018	08:45 AM	10	8	18
4/24/2018	09:00 AM	4	6	10
4/24/2018	09:15 AM	7	14	21
4/24/2018	09:30 AM	5	8	13
4/24/2018	09:45 AM	7	9	16
4/24/2018	10:00 AM	7	16	23
4/24/2018	10:15 AM	3	8	11
4/24/2018	10:30 AM	4	7	11
4/24/2018	10:45 AM	9	5	14
4/24/2018	11:00 AM	11	2	13
4/24/2018	11:15 AM	8	7	15
4/24/2018	11:30 AM	8	5	13
4/24/2018	11:45 AM	5	10	15
4/24/2018	12:00 PM	11	11	22

4/24/2018 12:15 PM	10	15	25
4/24/2018 12:30 PM	11	7	18
4/24/2018 12:45 PM	9	2	11
4/24/2018 01:00 PM	7	8	15
4/24/2018 01:15 PM	10	6	16
4/24/2018 01:30 PM	10	11	21
4/24/2018 01:45 PM	12	8	20
4/24/2018 02:00 PM	10	13	23
4/24/2018 02:15 PM	5	9	14
4/24/2018 02:30 PM	11	8	19
4/24/2018 02:45 PM	12	17	29
4/24/2018 03:00 PM	17	7	24
4/24/2018 03:15 PM	19	11	30
4/24/2018 03:30 PM	11	10	21
4/24/2018 03:45 PM	12	11	23
4/24/2018 04:00 PM	23	12	35
4/24/2018 04:15 PM	18	13	31
4/24/2018 04:30 PM	9	5	14
4/24/2018 04:45 PM	8	13	21
4/24/2018 05:00 PM	13	13	26
4/24/2018 05:15 PM	10	9	19
4/24/2018 05:30 PM	10	14	24
4/24/2018 05:45 PM	10	8	18
4/24/2018 06:00 PM	16	12	28
4/24/2018 06:15 PM	13	13	26
4/24/2018 06:30 PM	12	18	30
4/24/2018 06:45 PM	10	11	21
4/24/2018 07:00 PM	4	9	13
4/24/2018 07:15 PM	5	8	13
4/24/2018 07:30 PM	5	14	19
4/24/2018 07:45 PM	7	11	18
4/24/2018 08:00 PM	7	3	10
4/24/2018 08:15 PM	3	8	11
4/24/2018 08:30 PM	3	4	7
4/24/2018 08:45 PM	11	3	14
4/24/2018 09:00 PM	4	3	7
4/24/2018 09:15 PM	4	2	6
4/24/2018 09:30 PM	4	3	7
4/24/2018 09:45 PM	5	2	7
4/24/2018 10:00 PM	2	0	2
4/24/2018 10:15 PM	3	0	3
4/24/2018 10:30 PM	1	0	1
4/24/2018 10:45 PM	4	0	4
4/24/2018 11:00 PM	0	0	0
4/24/2018 11:15 PM	1	0	1
4/24/2018 11:30 PM	0	1	1
4/24/2018 11:45 PM	0	0	0
	547	584	1131

5 - COUNTRY CLUB DR S OF HORIZON RD (FM 3097)

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 807

Date	Time	NB	SB	TOTAL
4/24/2018	12:00 AM	1	6	7
4/24/2018	12:15 AM	2	5	7
4/24/2018	12:30 AM	1	2	3
4/24/2018	12:45 AM	0	2	2
4/24/2018	01:00 AM	2	1	3
4/24/2018	01:15 AM	1	2	3
4/24/2018	01:30 AM	2	2	4
4/24/2018	01:45 AM	3	1	4
4/24/2018	02:00 AM	1	1	2
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	1	2	3
4/24/2018	02:45 AM	1	0	1
4/24/2018	03:00 AM	1	0	1
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	1	1	2
4/24/2018	03:45 AM	2	3	5
4/24/2018	04:00 AM	0	1	1
4/24/2018	04:15 AM	1	1	2
4/24/2018	04:30 AM	6	6	12
4/24/2018	04:45 AM	8	2	10
4/24/2018	05:00 AM	6	4	10
4/24/2018	05:15 AM	7	3	10
4/24/2018	05:30 AM	14	6	20
4/24/2018	05:45 AM	20	19	39
4/24/2018	06:00 AM	28	10	38
4/24/2018	06:15 AM	34	12	46
4/24/2018	06:30 AM	37	26	63
4/24/2018	06:45 AM	63	41	104
4/24/2018	07:00 AM	51	64	115
4/24/2018	07:15 AM	83	105	188
4/24/2018	07:30 AM	125	138	263
4/24/2018	07:45 AM	189	192	381
4/24/2018	08:00 AM	165	116	281
4/24/2018	08:15 AM	146	118	264
4/24/2018	08:30 AM	102	74	176
4/24/2018	08:45 AM	101	82	183
4/24/2018	09:00 AM	60	53	113
4/24/2018	09:15 AM	62	48	110
4/24/2018	09:30 AM	70	44	114
4/24/2018	09:45 AM	72	49	121
4/24/2018	10:00 AM	64	30	94
4/24/2018	10:15 AM	49	62	111
4/24/2018	10:30 AM	61	37	98
4/24/2018	10:45 AM	66	66	132
4/24/2018	11:00 AM	56	62	118
4/24/2018	11:15 AM	80	44	124
4/24/2018	11:30 AM	60	62	122
4/24/2018	11:45 AM	56	55	111
4/24/2018	12:00 PM	76	38	114

4/24/2018 12:15 PM	56	78	134
4/24/2018 12:30 PM	68	60	128
4/24/2018 12:45 PM	54	74	128
4/24/2018 01:00 PM	54	52	106
4/24/2018 01:15 PM	59	85	144
4/24/2018 01:30 PM	72	54	126
4/24/2018 01:45 PM	58	66	124
4/24/2018 02:00 PM	56	74	130
4/24/2018 02:15 PM	54	76	130
4/24/2018 02:30 PM	48	90	138
4/24/2018 02:45 PM	78	90	168
4/24/2018 03:00 PM	116	116	232
4/24/2018 03:15 PM	68	64	132
4/24/2018 03:30 PM	60	115	175
4/24/2018 03:45 PM	82	90	172
4/24/2018 04:00 PM	102	39	141
4/24/2018 04:15 PM	86	148	234
4/24/2018 04:30 PM	76	86	162
4/24/2018 04:45 PM	90	104	194
4/24/2018 05:00 PM	100	112	212
4/24/2018 05:15 PM	84	130	214
4/24/2018 05:30 PM	68	123	191
4/24/2018 05:45 PM	80	126	206
4/24/2018 06:00 PM	100	92	192
4/24/2018 06:15 PM	81	102	183
4/24/2018 06:30 PM	98	70	168
4/24/2018 06:45 PM	75	56	131
4/24/2018 07:00 PM	48	82	130
4/24/2018 07:15 PM	48	64	112
4/24/2018 07:30 PM	32	60	92
4/24/2018 07:45 PM	32	50	82
4/24/2018 08:00 PM	53	42	95
4/24/2018 08:15 PM	38	48	86
4/24/2018 08:30 PM	36	46	82
4/24/2018 08:45 PM	34	32	66
4/24/2018 09:00 PM	19	21	40
4/24/2018 09:15 PM	12	33	45
4/24/2018 09:30 PM	17	31	48
4/24/2018 09:45 PM	19	15	34
4/24/2018 10:00 PM	7	11	18
4/24/2018 10:15 PM	10	14	24
4/24/2018 10:30 PM	5	7	12
4/24/2018 10:45 PM	4	12	16
4/24/2018 11:00 PM	7	11	18
4/24/2018 11:15 PM	4	6	10
4/24/2018 11:30 PM	11	6	17
4/24/2018 11:45 PM	1	4	5
	4497	4665	9162

6 - LAURENCE DR BTWN LAS LOMAS DR & CRESTRIDGE RD

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 806

Date	Time	NB	SB	TOTAL
4/24/2018	12:00 AM	1	6	7
4/24/2018	12:15 AM	1	0	1
4/24/2018	12:30 AM	1	10	11
4/24/2018	12:45 AM	3	3	6
4/24/2018	01:00 AM	0	3	3
4/24/2018	01:15 AM	2	0	2
4/24/2018	01:30 AM	3	4	7
4/24/2018	01:45 AM	1	4	5
4/24/2018	02:00 AM	1	0	1
4/24/2018	02:15 AM	0	4	4
4/24/2018	02:30 AM	0	4	4
4/24/2018	02:45 AM	1	1	2
4/24/2018	03:00 AM	2	2	4
4/24/2018	03:15 AM	6	0	6
4/24/2018	03:30 AM	4	0	4
4/24/2018	03:45 AM	6	1	7
4/24/2018	04:00 AM	5	1	6
4/24/2018	04:15 AM	7	1	8
4/24/2018	04:30 AM	8	1	9
4/24/2018	04:45 AM	15	1	16
4/24/2018	05:00 AM	13	4	17
4/24/2018	05:15 AM	21	1	22
4/24/2018	05:30 AM	28	8	36
4/24/2018	05:45 AM	36	13	49
4/24/2018	06:00 AM	36	17	53
4/24/2018	06:15 AM	67	26	93
4/24/2018	06:30 AM	84	54	138
4/24/2018	06:45 AM	115	42	157
4/24/2018	07:00 AM	82	48	130
4/24/2018	07:15 AM	94	62	156
4/24/2018	07:30 AM	130	118	248
4/24/2018	07:45 AM	168	170	338
4/24/2018	08:00 AM	192	158	350
4/24/2018	08:15 AM	168	176	344
4/24/2018	08:30 AM	141	214	355
4/24/2018	08:45 AM	134	80	214
4/24/2018	09:00 AM	68	64	132
4/24/2018	09:15 AM	99	78	177
4/24/2018	09:30 AM	120	70	190
4/24/2018	09:45 AM	100	60	160
4/24/2018	10:00 AM	100	41	141
4/24/2018	10:15 AM	90	58	148
4/24/2018	10:30 AM	96	68	164
4/24/2018	10:45 AM	86	82	168
4/24/2018	11:00 AM	78	66	144
4/24/2018	11:15 AM	73	74	147
4/24/2018	11:30 AM	85	81	166
4/24/2018	11:45 AM	86	74	160
4/24/2018	12:00 PM	86	91	177

4/24/2018 12:15 PM	66	70	136
4/24/2018 12:30 PM	90	100	190
4/24/2018 12:45 PM	76	60	136
4/24/2018 01:00 PM	83	83	166
4/24/2018 01:15 PM	88	82	170
4/24/2018 01:30 PM	102	60	162
4/24/2018 01:45 PM	89	92	181
4/24/2018 02:00 PM	59	104	163
4/24/2018 02:15 PM	80	96	176
4/24/2018 02:30 PM	66	104	170
4/24/2018 02:45 PM	98	123	221
4/24/2018 03:00 PM	156	98	254
4/24/2018 03:15 PM	114	102	216
4/24/2018 03:30 PM	110	127	237
4/24/2018 03:45 PM	156	124	280
4/24/2018 04:00 PM	208	148	356
4/24/2018 04:15 PM	175	150	325
4/24/2018 04:30 PM	140	114	254
4/24/2018 04:45 PM	129	146	275
4/24/2018 05:00 PM	107	152	259
4/24/2018 05:15 PM	115	156	271
4/24/2018 05:30 PM	132	134	266
4/24/2018 05:45 PM	107	150	257
4/24/2018 06:00 PM	105	131	236
4/24/2018 06:15 PM	96	152	248
4/24/2018 06:30 PM	86	131	217
4/24/2018 06:45 PM	78	106	184
4/24/2018 07:00 PM	56	133	189
4/24/2018 07:15 PM	61	78	139
4/24/2018 07:30 PM	38	76	114
4/24/2018 07:45 PM	86	78	164
4/24/2018 08:00 PM	49	76	125
4/24/2018 08:15 PM	59	68	127
4/24/2018 08:30 PM	84	70	154
4/24/2018 08:45 PM	65	73	138
4/24/2018 09:00 PM	58	54	112
4/24/2018 09:15 PM	38	38	76
4/24/2018 09:30 PM	18	44	62
4/24/2018 09:45 PM	13	27	40
4/24/2018 10:00 PM	10	44	54
4/24/2018 10:15 PM	8	28	36
4/24/2018 10:30 PM	8	19	27
4/24/2018 10:45 PM	2	23	25
4/24/2018 11:00 PM	8	12	20
4/24/2018 11:15 PM	6	13	19
4/24/2018 11:30 PM	11	10	21
4/24/2018 11:45 PM	2	8	10
	6334	6211	12545

7 - HEATHLAND CROSSING S OF WILFORD WAY

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 919

Date	Time	NB	SB	TOTAL
4/24/2018	12:00 AM	0	0	0
4/24/2018	12:15 AM	0	0	0
4/24/2018	12:30 AM	0	0	0
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	0	0
4/24/2018	01:15 AM	0	0	0
4/24/2018	01:30 AM	0	0	0
4/24/2018	01:45 AM	0	0	0
4/24/2018	02:00 AM	0	0	0
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	0	0	0
4/24/2018	02:45 AM	0	0	0
4/24/2018	03:00 AM	0	0	0
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	0	0	0
4/24/2018	03:45 AM	0	0	0
4/24/2018	04:00 AM	0	0	0
4/24/2018	04:15 AM	0	1	1
4/24/2018	04:30 AM	0	1	1
4/24/2018	04:45 AM	0	0	0
4/24/2018	05:00 AM	0	0	0
4/24/2018	05:15 AM	0	0	0
4/24/2018	05:30 AM	1	0	1
4/24/2018	05:45 AM	1	0	1
4/24/2018	06:00 AM	0	1	1
4/24/2018	06:15 AM	0	1	1
4/24/2018	06:30 AM	1	2	3
4/24/2018	06:45 AM	2	3	5
4/24/2018	07:00 AM	0	6	6
4/24/2018	07:15 AM	5	9	14
4/24/2018	07:30 AM	10	20	30
4/24/2018	07:45 AM	15	18	33
4/24/2018	08:00 AM	25	18	43
4/24/2018	08:15 AM	15	20	35
4/24/2018	08:30 AM	18	14	32
4/24/2018	08:45 AM	10	22	32
4/24/2018	09:00 AM	8	8	16
4/24/2018	09:15 AM	8	7	15
4/24/2018	09:30 AM	8	7	15
4/24/2018	09:45 AM	4	8	12
4/24/2018	10:00 AM	7	6	13
4/24/2018	10:15 AM	7	5	12
4/24/2018	10:30 AM	4	8	12
4/24/2018	10:45 AM	7	10	17
4/24/2018	11:00 AM	11	6	17
4/24/2018	11:15 AM	7	5	12
4/24/2018	11:30 AM	2	8	10
4/24/2018	11:45 AM	10	5	15
4/24/2018	12:00 PM	11	10	21

4/24/2018 12:15 PM	4	11	15
4/24/2018 12:30 PM	6	6	12
4/24/2018 12:45 PM	7	9	16
4/24/2018 01:00 PM	3	3	6
4/24/2018 01:15 PM	0	4	4
4/24/2018 01:30 PM	8	14	22
4/24/2018 01:45 PM	4	7	11
4/24/2018 02:00 PM	13	9	22
4/24/2018 02:15 PM	8	7	15
4/24/2018 02:30 PM	8	7	15
4/24/2018 02:45 PM	13	6	19
4/24/2018 03:00 PM	18	12	30
4/24/2018 03:15 PM	9	10	19
4/24/2018 03:30 PM	8	14	22
4/24/2018 03:45 PM	26	20	46
4/24/2018 04:00 PM	15	11	26
4/24/2018 04:15 PM	11	12	23
4/24/2018 04:30 PM	5	5	10
4/24/2018 04:45 PM	12	3	15
4/24/2018 05:00 PM	14	6	20
4/24/2018 05:15 PM	5	8	13
4/24/2018 05:30 PM	12	4	16
4/24/2018 05:45 PM	1	15	16
4/24/2018 06:00 PM	13	8	21
4/24/2018 06:15 PM	4	9	13
4/24/2018 06:30 PM	8	6	14
4/24/2018 06:45 PM	4	6	10
4/24/2018 07:00 PM	7	7	14
4/24/2018 07:15 PM	5	4	9
4/24/2018 07:30 PM	3	3	6
4/24/2018 07:45 PM	4	1	5
4/24/2018 08:00 PM	0	1	1
4/24/2018 08:15 PM	2	5	7
4/24/2018 08:30 PM	3	0	3
4/24/2018 08:45 PM	6	4	10
4/24/2018 09:00 PM	5	1	6
4/24/2018 09:15 PM	3	1	4
4/24/2018 09:30 PM	2	0	2
4/24/2018 09:45 PM	2	1	3
4/24/2018 10:00 PM	0	1	1
4/24/2018 10:15 PM	0	0	0
4/24/2018 10:30 PM	1	0	1
4/24/2018 10:45 PM	0	1	1
4/24/2018 11:00 PM	0	1	1
4/24/2018 11:15 PM	0	0	0
4/24/2018 11:30 PM	1	0	1
4/24/2018 11:45 PM	0	0	0
	480	492	972

8 - KING RD E OF FM 740

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 704

Date	Time	NB	SB	TOTAL
4/24/2018	12:00 AM	0	0	0
4/24/2018	12:15 AM	0	0	0
4/24/2018	12:30 AM	0	0	0
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	0	0
4/24/2018	01:15 AM	0	0	0
4/24/2018	01:30 AM	0	0	0
4/24/2018	01:45 AM	0	0	0
4/24/2018	02:00 AM	0	0	0
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	0	0	0
4/24/2018	02:45 AM	0	0	0
4/24/2018	03:00 AM	0	0	0
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	0	0	0
4/24/2018	03:45 AM	0	0	0
4/24/2018	04:00 AM	0	0	0
4/24/2018	04:15 AM	0	0	0
4/24/2018	04:30 AM	0	0	0
4/24/2018	04:45 AM	0	0	0
4/24/2018	05:00 AM	2	0	2
4/24/2018	05:15 AM	0	0	0
4/24/2018	05:30 AM	0	0	0
4/24/2018	05:45 AM	2	1	3
4/24/2018	06:00 AM	1	0	1
4/24/2018	06:15 AM	3	3	6
4/24/2018	06:30 AM	1	0	1
4/24/2018	06:45 AM	3	4	7
4/24/2018	07:00 AM	5	2	7
4/24/2018	07:15 AM	10	3	13
4/24/2018	07:30 AM	12	6	18
4/24/2018	07:45 AM	8	6	14
4/24/2018	08:00 AM	10	4	14
4/24/2018	08:15 AM	4	3	7
4/24/2018	08:30 AM	13	1	14
4/24/2018	08:45 AM	4	8	12
4/24/2018	09:00 AM	5	4	9
4/24/2018	09:15 AM	2	5	7
4/24/2018	09:30 AM	6	4	10
4/24/2018	09:45 AM	4	2	6
4/24/2018	10:00 AM	3	3	6
4/24/2018	10:15 AM	5	3	8
4/24/2018	10:30 AM	7	0	7
4/24/2018	10:45 AM	6	3	9
4/24/2018	11:00 AM	3	6	9
4/24/2018	11:15 AM	5	3	8
4/24/2018	11:30 AM	3	4	7
4/24/2018	11:45 AM	4	3	7
4/24/2018	12:00 PM	8	4	12

4/24/2018 12:15 PM	4	4	8
4/24/2018 12:30 PM	2	4	6
4/24/2018 12:45 PM	4	4	8
4/24/2018 01:00 PM	6	4	10
4/24/2018 01:15 PM	6	6	12
4/24/2018 01:30 PM	5	6	11
4/24/2018 01:45 PM	7	7	14
4/24/2018 02:00 PM	3	3	6
4/24/2018 02:15 PM	1	4	5
4/24/2018 02:30 PM	7	0	7
4/24/2018 02:45 PM	10	2	12
4/24/2018 03:00 PM	6	18	24
4/24/2018 03:15 PM	6	6	12
4/24/2018 03:30 PM	4	6	10
4/24/2018 03:45 PM	5	10	15
4/24/2018 04:00 PM	5	10	15
4/24/2018 04:15 PM	4	6	10
4/24/2018 04:30 PM	6	7	13
4/24/2018 04:45 PM	3	8	11
4/24/2018 05:00 PM	8	3	11
4/24/2018 05:15 PM	3	4	7
4/24/2018 05:30 PM	5	5	10
4/24/2018 05:45 PM	6	5	11
4/24/2018 06:00 PM	4	6	10
4/24/2018 06:15 PM	5	7	12
4/24/2018 06:30 PM	4	5	9
4/24/2018 06:45 PM	5	8	13
4/24/2018 07:00 PM	2	4	6
4/24/2018 07:15 PM	6	5	11
4/24/2018 07:30 PM	1	4	5
4/24/2018 07:45 PM	3	2	5
4/24/2018 08:00 PM	3	2	5
4/24/2018 08:15 PM	1	1	2
4/24/2018 08:30 PM	1	4	5
4/24/2018 08:45 PM	0	6	6
4/24/2018 09:00 PM	1	5	6
4/24/2018 09:15 PM	2	2	4
4/24/2018 09:30 PM	1	2	3
4/24/2018 09:45 PM	0	6	6
4/24/2018 10:00 PM	1	0	1
4/24/2018 10:15 PM	0	3	3
4/24/2018 10:30 PM	0	2	2
4/24/2018 10:45 PM	0	1	1
4/24/2018 11:00 PM	0	0	0
4/24/2018 11:15 PM	1	0	1
4/24/2018 11:30 PM	0	0	0
4/24/2018 11:45 PM	0	0	0
	296	292	588

9 - GOVERNOR'S BLVD S OF FM 740

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 851

Date	Time	EB	WB	TOTAL
4/24/2018	12:00 AM	0	0	0
4/24/2018	12:15 AM	0	0	0
4/24/2018	12:30 AM	0	0	0
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	0	0
4/24/2018	01:15 AM	0	0	0
4/24/2018	01:30 AM	0	0	0
4/24/2018	01:45 AM	0	0	0
4/24/2018	02:00 AM	0	0	0
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	0	0	0
4/24/2018	02:45 AM	0	0	0
4/24/2018	03:00 AM	0	0	0
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	0	0	0
4/24/2018	03:45 AM	0	0	0
4/24/2018	04:00 AM	0	0	0
4/24/2018	04:15 AM	0	0	0
4/24/2018	04:30 AM	0	0	0
4/24/2018	04:45 AM	0	0	0
4/24/2018	05:00 AM	0	0	0
4/24/2018	05:15 AM	0	0	0
4/24/2018	05:30 AM	0	0	0
4/24/2018	05:45 AM	1	2	3
4/24/2018	06:00 AM	1	1	2
4/24/2018	06:15 AM	2	1	3
4/24/2018	06:30 AM	4	6	10
4/24/2018	06:45 AM	3	14	17
4/24/2018	07:00 AM	1	7	8
4/24/2018	07:15 AM	6	13	19
4/24/2018	07:30 AM	8	20	28
4/24/2018	07:45 AM	20	20	40
4/24/2018	08:00 AM	11	14	25
4/24/2018	08:15 AM	9	10	19
4/24/2018	08:30 AM	14	16	30
4/24/2018	08:45 AM	16	16	32
4/24/2018	09:00 AM	11	14	25
4/24/2018	09:15 AM	14	10	24
4/24/2018	09:30 AM	3	13	16
4/24/2018	09:45 AM	11	9	20
4/24/2018	10:00 AM	12	15	27
4/24/2018	10:15 AM	14	10	24
4/24/2018	10:30 AM	8	4	12
4/24/2018	10:45 AM	6	12	18
4/24/2018	11:00 AM	15	11	26
4/24/2018	11:15 AM	11	8	19
4/24/2018	11:30 AM	8	9	17
4/24/2018	11:45 AM	11	22	33
4/24/2018	12:00 PM	18	16	34

4/24/2018 12:15 PM	13	11	24
4/24/2018 12:30 PM	10	15	25
4/24/2018 12:45 PM	8	14	22
4/24/2018 01:00 PM	12	16	28
4/24/2018 01:15 PM	11	14	25
4/24/2018 01:30 PM	4	12	16
4/24/2018 01:45 PM	10	14	24
4/24/2018 02:00 PM	7	10	17
4/24/2018 02:15 PM	10	20	30
4/24/2018 02:30 PM	8	12	20
4/24/2018 02:45 PM	16	12	28
4/24/2018 03:00 PM	18	12	30
4/24/2018 03:15 PM	8	12	20
4/24/2018 03:30 PM	9	12	21
4/24/2018 03:45 PM	11	8	19
4/24/2018 04:00 PM	17	10	27
4/24/2018 04:15 PM	12	9	21
4/24/2018 04:30 PM	4	12	16
4/24/2018 04:45 PM	10	8	18
4/24/2018 05:00 PM	12	9	21
4/24/2018 05:15 PM	6	8	14
4/24/2018 05:30 PM	12	6	18
4/24/2018 05:45 PM	2	8	10
4/24/2018 06:00 PM	4	6	10
4/24/2018 06:15 PM	5	4	9
4/24/2018 06:30 PM	8	4	12
4/24/2018 06:45 PM	9	6	15
4/24/2018 07:00 PM	4	10	14
4/24/2018 07:15 PM	0	6	6
4/24/2018 07:30 PM	3	0	3
4/24/2018 07:45 PM	5	8	13
4/24/2018 08:00 PM	2	6	8
4/24/2018 08:15 PM	1	7	8
4/24/2018 08:30 PM	1	1	2
4/24/2018 08:45 PM	2	1	3
4/24/2018 09:00 PM	1	1	2
4/24/2018 09:15 PM	2	1	3
4/24/2018 09:30 PM	0	1	1
4/24/2018 09:45 PM	0	0	0
4/24/2018 10:00 PM	1	3	4
4/24/2018 10:15 PM	1	0	1
4/24/2018 10:30 PM	1	0	1
4/24/2018 10:45 PM	0	2	2
4/24/2018 11:00 PM	0	0	0
4/24/2018 11:15 PM	0	1	1
4/24/2018 11:30 PM	1	0	1
4/24/2018 11:45 PM	0	0	0
	519	625	1144

10 - TROPHY DR W OF FM 740

Start Date: 4/24/2018

Start Time: 12:00:00 AM

Site Code: 921

Date	Time	EB	WB	TOTAL
4/24/2018	12:00 AM	0	0	0
4/24/2018	12:15 AM	0	0	0
4/24/2018	12:30 AM	0	0	0
4/24/2018	12:45 AM	0	0	0
4/24/2018	01:00 AM	0	0	0
4/24/2018	01:15 AM	0	0	0
4/24/2018	01:30 AM	0	0	0
4/24/2018	01:45 AM	0	0	0
4/24/2018	02:00 AM	0	0	0
4/24/2018	02:15 AM	0	0	0
4/24/2018	02:30 AM	0	0	0
4/24/2018	02:45 AM	0	0	0
4/24/2018	03:00 AM	0	0	0
4/24/2018	03:15 AM	0	0	0
4/24/2018	03:30 AM	0	1	1
4/24/2018	03:45 AM	1	0	1
4/24/2018	04:00 AM	0	0	0
4/24/2018	04:15 AM	0	0	0
4/24/2018	04:30 AM	0	0	0
4/24/2018	04:45 AM	1	0	1
4/24/2018	05:00 AM	0	0	0
4/24/2018	05:15 AM	1	0	1
4/24/2018	05:30 AM	0	0	0
4/24/2018	05:45 AM	5	0	5
4/24/2018	06:00 AM	2	0	2
4/24/2018	06:15 AM	5	1	6
4/24/2018	06:30 AM	3	2	5
4/24/2018	06:45 AM	7	6	13
4/24/2018	07:00 AM	4	7	11
4/24/2018	07:15 AM	20	12	32
4/24/2018	07:30 AM	21	10	31
4/24/2018	07:45 AM	26	28	54
4/24/2018	08:00 AM	5	4	9
4/24/2018	08:15 AM	2	2	4
4/24/2018	08:30 AM	6	6	12
4/24/2018	08:45 AM	1	2	3
4/24/2018	09:00 AM	3	6	9
4/24/2018	09:15 AM	3	2	5
4/24/2018	09:30 AM	3	2	5
4/24/2018	09:45 AM	3	2	5
4/24/2018	10:00 AM	2	6	8
4/24/2018	10:15 AM	8	1	9
4/24/2018	10:30 AM	2	2	4
4/24/2018	10:45 AM	4	2	6
4/24/2018	11:00 AM	3	4	7
4/24/2018	11:15 AM	4	2	6
4/24/2018	11:30 AM	3	2	5
4/24/2018	11:45 AM	5	2	7
4/24/2018	12:00 PM	8	6	14

4/24/2018 12:15 PM	2	2	4
4/24/2018 12:30 PM	3	4	7
4/24/2018 12:45 PM	3	1	4
4/24/2018 01:00 PM	3	7	10
4/24/2018 01:15 PM	6	0	6
4/24/2018 01:30 PM	3	0	3
4/24/2018 01:45 PM	4	7	11
4/24/2018 02:00 PM	4	1	5
4/24/2018 02:15 PM	6	2	8
4/24/2018 02:30 PM	8	8	16
4/24/2018 02:45 PM	10	7	17
4/24/2018 03:00 PM	8	17	25
4/24/2018 03:15 PM	8	8	16
4/24/2018 03:30 PM	2	8	10
4/24/2018 03:45 PM	4	3	7
4/24/2018 04:00 PM	5	1	6
4/24/2018 04:15 PM	5	1	6
4/24/2018 04:30 PM	4	1	5
4/24/2018 04:45 PM	3	7	10
4/24/2018 05:00 PM	13	6	19
4/24/2018 05:15 PM	2	4	6
4/24/2018 05:30 PM	3	3	6
4/24/2018 05:45 PM	4	8	12
4/24/2018 06:00 PM	6	2	8
4/24/2018 06:15 PM	5	9	14
4/24/2018 06:30 PM	6	1	7
4/24/2018 06:45 PM	2	7	9
4/24/2018 07:00 PM	5	3	8
4/24/2018 07:15 PM	2	7	9
4/24/2018 07:30 PM	2	6	8
4/24/2018 07:45 PM	3	4	7
4/24/2018 08:00 PM	0	1	1
4/24/2018 08:15 PM	1	2	3
4/24/2018 08:30 PM	1	2	3
4/24/2018 08:45 PM	1	0	1
4/24/2018 09:00 PM	0	0	0
4/24/2018 09:15 PM	0	2	2
4/24/2018 09:30 PM	0	2	2
4/24/2018 09:45 PM	0	1	1
4/24/2018 10:00 PM	0	1	1
4/24/2018 10:15 PM	0	2	2
4/24/2018 10:30 PM	0	0	0
4/24/2018 10:45 PM	0	0	0
4/24/2018 11:00 PM	1	1	2
4/24/2018 11:15 PM	2	0	2
4/24/2018 11:30 PM	0	1	1
4/24/2018 11:45 PM	0	1	1
	311	281	592

**MINUTES
HEATH CITY COUNCIL
REGULAR MEETING – PUBLIC HEARING
200 LAURENCE DRIVE - HEATH, TEXAS
TUESDAY, JULY 23, 2019 - 6:30 P.M.**

ATTENDING: KELSON ELAM, MAYOR
PAUL RUFFO, MAYOR PRO TEM
RICH KRAUSE
JOHN BEAMAN
FRANK NEW
DONNA ROLATER
PAUL RUFFO
ABSENT: BRENT WEAVER

Mayor Kelson Elam introduced Boy Scout Troop 690 and the following members that were present: Nathan Shasteen, Colin Shasteen, Matthew Moss, Jude Wilkerson, and Quinton Moss. Matthew Moss tapped the gavel and called the meeting to order at 6:30 p.m. Councilman Beaman delivered the invocation and led the Pledge of Allegiance.

Open Forum – citizens' comments.

No one signed in to speak at the Citizen's Open Forum.

CONSENT ITEMS

Mayor Elam stated that these items consist of non-controversial or "housekeeping" items required by law. Items may be considered individually by any Council member requesting consideration prior to a motion and vote on the Consent Items.

- a. Action Regarding the Minutes of July 9, 2019 Regular Meeting.
- b. Action Regarding the Minutes of July 10, 2019 Work Session.
- c. Consider a Resolution suspending for 45 days the effective date proposed by Atmos Energy, Corporation – MidTex Division ("Atmos Energy") in its application filed on or about March 28, 2019, pursuant to section 104.301 of the Gas Utility Regulatory Act, sometimes also referred to as the "GRIP" statute.
- d. Action Regarding an Ordinance Amending Title VII – Traffic Code in Chapter 72: Traffic Schedules, Schedule III: School Traffic Zones for the Cain Middle School Speed Zone.

MOTION: APPROVE CONCENT ITEMS "A" AND "B" REGARDING MINUTES, APPROVE ITEM "C" REGARDING RESOLUTION NO. 190723A AND APPROVE ITEM "D" REGARDING ORDINANCE NO. 190723A.

MOTION MADE: NEW
SECONDED: ROLATER
APPROVED: PASSED UNANIMOUSLY OF THOSE PRESENT
ABSENT: WEAVER

DEPARTMENT and REPORTS - See Addendum. (Items posted on the addendum are for informational purposes. The addendum is a comprehensive list of issues and reports that are of interest to the City Council and may or may not be discussed as determined by Staff and Council.)

a) Monthly Update regarding Capital Improvement Program (CIP) projects.

CIP Project Manager Chuck Todd provided an update on and answered questions regarding the status of the Capital Improvement Program projects.

b) Update regarding Park Board, HMBC-HEDC Board, Rockwall County Planning Consortium, and Emergency Services Corporation.

Councilman Rich Krause provided an update on the Park Board. HMBC/HEDC staff liaison Suzanne Brooke provided an update on the HMBC/HEDC Board and stated that the Antigua Bay pavilion and the Ball Field lights were completed. Brooke also provided an update on the YMCA partnership and stated the YMCA was very happy. Mayor Elam reported that he attended the Tom Thumb Ribbon Cutting on July 10th and announced that Manny's Tex-Mex Restaurant is coming to Heath. Councilman New stated that the Farmer's Market is progressing as planned. Councilman New is also the representative to the Rockwall County Emergency Services Corp and Rockwall County Transportation Consortium and provided an update. Councilman Krause asked for an update on the HG&YC.

5. Discussion and Action Regarding an Ordinance and Public Hearing regarding a request to rezone 14.015 acres of land out of the A. Rodriquez Survey, Abstract No. 231, City of Heath, Rockwall County, Texas (the Property), from its current classification of Agricultural (A) District to Planned Development (PD) District for all uses allowed in the Single-Family 43 (SF43) District. The Property is located north and west of Rabbit Ridge Road, approximately 700-feet south and west of Lodge Hill Drive. ZA-2019-01

Assistant City Manager/Director of Community Development Kevin Lasher stated that this item was tabled at a previous meeting. The owner recently purchased the subject 14.015-acre tract to subdivide the site into eight single-family lots. Proposed lot sizes would range from 1.171 acres to 2.057 acres. All lot sizes would be net of flood plain and right-of-way areas. Access would be provided by a cul-de-sac aligned through the middle of the property. Adjoining properties to the south and west of the site are accessed by two separate access easements that serve properties owned by various entities. At staff's recommendation, the owners have attempted to negotiate with these entities to convert the access easement into a dedicated public thoroughfare to be called Lowe Road. 37 notices were mailed; six returned in favor of the request and one was returned in opposition. There are two easements that run along the southern boundary of the property. The applicant has requested to develop an 8-lot subdivision on a 14 acres tract of land which conforms to the Comprehensive Plan. The developer plans to keep a few of the lots for family ownership and sell the remaining lots; he plans to keep it as a private area and low-traffic thoroughfare. Applicant also proposes an eleven hundred foot cul-de-sac to serve the interior of the property; however, because the city's 1997 engineering standards require a maximum 600-foot cul-de-sac, they are asked to add an intervening cul-de-sac/eyebrow so that emergency response vehicles can turn around. The applicant is now appealing that particular requirement. An aerial was provided showing a view of the various easements that serve the surrounding properties. The owner has agreed to dedicate up to 35-feet of right-of-way for Lowe Road at its intersection with Rabbit Ridge. The applicant would then dedicate a 15-foot wide portion of right-of-way for Lowe on their property. The dedications from both owners would establish a 50-foot wide public right-of-way for Lowe that intersects with Rabbit Ridge Road. A 27-foot wide concrete road would be constructed into this public right-of-way. Staff recommends approval with the following six conditions:

1. Indicate a fifty-foot (50') right-of-way width for the fully developed public portion of Lowe Road as it extends off Rabbit Ridge Road as shown in "Exhibit A."
2. Indicate a fifty-foot (50') right-of-way width for the public street situated inside the property, as shown in "Exhibit A."
3. Maximum cul-de-sac length shall not exceed 600-feet as established by Section 2.7 of Ordinance No. 910109A. A "hammer-head" or "eyebrow" cul-de-sac feature shall be constructed a minimum of six-hundred (600) feet northward from of the cul-de-sac right-of-way that intersects with the southernmost boundary of the Property. Any length in excess of 600-feet shall require City Council approval. [APPLICANT IS APPEALING THIS STAFF RECOMMENDED CONDITION]
4. Right-of-way radius for the cul-de-sac shall be sixty feet (60') for the accommodation of a ten-foot (10') wide utility easement.
5. A twenty-five (25) foot wide right-of-way reserve for the future extension of Lowe Road shall be established on the final plat as a separate lot as shown in "Exhibit A."
6. The existing fifteen (15) foot wide ingress/egress easement situated inside the Property boundary, granted by J.W. Heflin, ET UX, to Sheril Crumpton, ET UX (01-06-2005 3859/126, OPPRC), shall remain unobstructed and fully operational for the provision of ingress/egress to adjoining properties. At their

regular meeting of July 2, 2019, the P&Z Commission recommended approval of this zoning request by a vote of 6 to 0 with the following amendments to the conditions of approval, with new conditions shown in ***bold, italicized*** print, deleted conditions shown in strikethrough print, and staff explanations shown in HIGHLIGHTED, CAPITALIZED TEXT.

1. Indicate a fifty-foot (50') right-of-way width for the fully developed public portion of Lowe Road as it extends off Rabbit Ridge Road as shown in "Exhibit A."
2. Indicate a fifty-foot (50') right-of-way width for the public street situated inside the property, as shown in "Exhibit A." ***Extend same right-of-way to a point of terminus at the westernmost boundary of the Property so that it may be developed as a through-street.*** [APPLICANT IS APPEALING THIS AMENDED CONDITION]
3. ~~Maximum cul-de-sac length shall not exceed 600 feet as established by Section 2.7 of Ordinance No. 940409A. A "hammer-head" or "eyebrow" cul-de-sac feature shall be constructed a minimum six hundred (600) feet northward from of the cul-de-sac right-of-way that intersects with the southernmost boundary of the Property. Any length in excess of 600 feet shall require City Council approval.~~ [APPLICANT IS APPEALING THE CONDITION TO PROVIDE A "HAMMER-HEAD" OR "EYEBROW" CUL-DE-SAC FEATURE. THIS CONDITION WOULD NOT BE NECESSARY IF THE CUL-DE-SAC RIGHT-OF-WAY IS EXTENDED TO THE WESTERNMOST BOUNDARY OF THE PROPERTY AND DEVELOPED AS A THROUGH-STREET]
4. ~~Right of way radius for the cul-de-sac shall be sixty feet (60') for the accommodation of a ten-foot (10') wide utility easement.~~ [THIS CONDITION WOULD NOT BE NECESSARY IF THE CUL-DE-SAC RIGHT-OF-WAY IS EXTENDED TO THE WESTERNMOST BOUNDARY OF THE PROPERTY AND DEVELOPED AS A THROUGH-STREET]
5. ~~A twenty-five (25) foot wide right-of-way reserve for the future extension of Lowe Road shall be established on the final plat as a separate lot as shown in "Exhibit A."~~ [THIS CONDITION WOULD NOT BE NECESSARY IF THE CUL-DE-SAC RIGHT-OF-WAY IS EXTENDED TO THE WESTERNMOST BOUNDARY OF THE PROPERTY]
6. ~~The existing fifteen (15) foot wide ingress/egress easement situated inside the Property boundary, granted by J.W. Heflin, ET UX, to Sheril Crumpton, ET UX (01-06-2005-3859/126, OPPRC), shall remain unobstructed and fully operational for the provision of ingress/egress to adjoining properties.~~ [THIS CONDITION WOULD NOT BE NECESSARY IF THE CUL-DE-SAC RIGHT-OF-WAY IS EXTENDED TO THE WESTERNMOST BOUNDARY OF THE PROPERTY]

PUBLIC HEARING to receive comments regarding the request.

Mayor Elam stated that the Public Hearing was previously opened at the July 9th Council Meeting. The following spoke regarding the request.

- Carroll Estes, Troy, TX (applicant) - stated that this would be a nice subdivision and his plan is to move to Heath to be near his grandchildren. Estes stated that the hammerhead is not needed and he preferred an eyebrow cul-de-sac. Chief Garrett stated that regarding safety, he recommended a hammerhead or eyebrow cul-de-sac.
- Mark Smith, 8150 N. Central Expressway, Suite 1280, Dallas, TX – stated that he was a Real Estate Attorney in Dallas and was speaking in support of Mr. Crumpton. He reviewed the proposed plans which included the deed, easement rights, and the dedicated easement agreement with the entire property owners and stated that Mr. Estes does not have the right to change the perimeters of the easement without Mr. Crumpton's consent. Mr. Smith asked council to approve the Ordinance with the P&Z recommendation.
- Sheril Crumpton, 1088 Rabbit Ridge – stated that he was the property owner to the west. Crumpton provided pictures of subdivisions in the City of Heath that all had a continuation street to the empty vacant adjoining land and stated that he is not against the subdivision if it is approved as the P&Z recommended.
- Chad Estes, 6 Kensington – addressed issues with the three drives, Lowe Road, Crumpton, and third drive. He explained that their desire was to merge all three drives before they let out Rabbit Ridge to help with traffic flow. He was not in support of extending the road to the Crumpton property.
- Lynn Lowe Fate, 313 & 316 Lowe Rd – stated that she owns Lowe Road and is in full support of the subdivision as it is presented and not with the recommendations by P&Z.

- Susan Thompson, 596 Lowe Road – spoke in support of the request and liked the idea of combining all the entrances at Ridge Road.
- Blakely Hall, 3618 Hilltop Circle, Rockwall, TX – expressed concern on behalf of Charles Tucker, an adjoining property owner, with the tree line and requested that the tree line be kept. He stated he was an attorney and advised that care be taken to ensure emergency vehicles would be able to make the complete turn at the cul-de-sac.
- Brandon Crumpton, 1088 Rabbit Ridge Rd – as the son of Sheril Crumpton, he clarified that there has not been sufficient communication with the developer. He expressed concern with a possible wedge in their community that has traditionally always worked together.
- Ken Lowe, 451 Lowe Rd - stated that he plans to live in his home for the rest of his life and knows things will change. He wishes all these details could be worked out because this would be the best development for this property and is in support of it.

Mayor Elam closed the public hearing at 7:37 p.m.

Discussion and action regarding the request.

Council continued discussion and Mayor Pro Tem Ruffo asked the City Attorney to clarify a comment made during the public hearing that the easement cannot be changed without Mr. Crumpton's consent. City Attorney Andy Messer stated that this was a deed restriction, which the City does not get involved with. Lasher stated that staff recommends the request so that the three roads be combined to reduce the number of streets coming onto Rabbit Ridge and to ensure that access Egress and Ingress is maintained to both of the easements when and if the project is developed.

MOTION: APPROVE ORDINANCE NO. 190723B REGARDING A REZONE OF 14.015 ACRES OF LAND LOCATED NORTH AND WEST OF RABBIT RIDGE ROAD WITH THE ORIGINAL SIX 6 CONDITIONS.

MOTION MADE: RUFFO
 SECONDED: KRAUSE

Lasher stated that staff recommended adding an item # 7 "That restrictive covenants for the Property be recorded at the Rockwall County Courthouse that includes a provision requiring a minimum of eighty percent (80%) of all exterior wall surfaces for future residential construction, with door and window openings being excluded, be constructed with a full-width brick or stone masonry material."

MOTION MADE TO AMEND THE MOTION THAT IS ON THE TABLE TO INCLUDE ITEM # 7.

AMENDED MOTION MADE: RUFFO
 SECONDED: KRAUSE
 AMENDED MOTION APPROVED: PASSED UNANIMOUSLY OF THOSE PRESENT
 ABSENT: WEAVER

MOTION APPROVED: FIVE TO ONE
 FOR: BEAMAN, ELAM, KRAUSE, ROLATER, RUFFO
 AGAINST: NEW
 ABSENT: WEAVER

6. Discussion and Action Regarding updates to the City of Heath Thoroughfare Plan.

City Engineer Richard Dornier stated that the Thoroughfare Plan has been updated to be consistent with the recently approved Comprehensive Plan. A draft Thoroughfare Plan was presented to the City Council in a workshop on June 19, 2019. Information presented in this item was prepared to address questions resulting from that workshop. Staff recommended receiving comments and input from the City Council and modifying the plan as needed. Joseph T. Short, PE, PTOE, President of Lee Engineering, L.L.C. provided an overview of the updated Thoroughfare Plan. Councilman New pointed out that Heathland Crossing is shown on the map as a major collector but should be a minor collector.

**MOTION: APPROVE UPDATES TO THE CITY OF HEATH THOROUGHFARE PLAN
SUBJECT TO CHANGING HEATHLAND CROSSING TO A MINOR COLLECTOR.**

MOTION MADE: BEAMAN
SECONDED: ROLATER
APPROVED: PASSED UNANIMOUSLY OF THOSE PRESENT
ABSENT: WEAVER

7. Discussion and Action Regarding a Resolution Authorizing the City Manager to Execute a Professional Services Agreement for the Engineering Design of the Hillview Pavement, Drainage and Utility Improvements.

City Engineer Richard Dormier stated that the city is proposing to improve the paving, drainage, and utilities within the Hillview Subdivision. Survey information was obtained within the street right-of-way (ROW) to determine if the street can be lowered sufficiently to allow yards on both sides of the street to drain to the new street. Based on the information obtained, the street curb and gutter can be lowered about one foot below the existing ditches on both sides of the road if no sidewalk is constructed within the existing 50-foot wide ROW. The existing storm sewer extension is deep and the ROW width is the limitation on depth of the new roadway. With this depth of curb and gutter, it appears the houses on the east side of the street would drain to the lowered street without re-grading their front yards. On the west side of the street, some lots appear to drain to the existing ditches while others do not; therefore, some lot regrading of the front yards may be necessary for proper drainage to occur to the street. Near the connection at Smirl Drive, the road would need to remain close to the current elevations so those houses would continue draining as they currently do. Mayor Elam stated that there is not a Homeowner's Association and would like to give the homeowners the opportunity to speak regarding a solution for these repairs, possibly a Public Improvement District. Elam assigned Councilman Weaver to reach out to the property owners and recommended tabling the item until neighborhood input is received.

**MOTION TO TABLE ITEM PENDING A REPORT FROM COUNCILMAN WEAVER AFTER
COMMUNICATION WITH THE RESIDENTS REGARDING THE HILLVIEW PAVEMENT,
DRAINAGE AND UTILITY IMPROVEMENTS**

MOTION MADE: KRAUSE
SECONDED: RUFFO
APPROVED: PASSED UNANIMOUSLY OF THOSE PRESENT
ABSENT: WEAVER

8. Receive an Update Regarding Skyline Drainage.

City Engineer Richard Dormier stated that residents at Skyline Circle have experienced drainage issues for some time. These issues were discussed in a previous City Council meeting and staff was asked to obtain survey information in order to evaluate possible drainage improvements that could be made to help reduce the current issues. The City Engineer has concluded the survey and provided a map in the presentation showing recommendations such as deepening and lowering the ditch a few feet, which would help redirect the water to the pond, constructing a new storm water pipe with inlet corrected to the existing storm water pipe, constructing a 12-18 inch high retaining wall to protect from erosion on upstream-side of ditch, and constructing an overflow ditch to the street. The cost of these recommendations would run approximately \$250,000. Mayor Elam stated that the council was in favor of these recommendations and directed Dormier to bring this item back to a future council meeting as a project to approve.

9. Discussion and Action Regarding Meals on Wheels Annual Funding Request.

Margie VerHagen, Executive Director for Meals on Wheels, provided a presentation supporting the annual funding request. VerHagen stated that the "Meals on Wheels" program services the elderly, disabled, and caregivers of the City of Heath. The mission is to keep the elderly and disabled citizens of Heath living in their homes as long as safely possible by providing nutritious daily meals, daily human contact, and support services. The service is made up of all volunteers. Meals on Wheels provides meal delivery, congregate meal sites, information and referrals, benefits counseling, Allan's Companion's – a

program to decrease loneliness and social isolation, advocacy ombudsman service, caregiver information resources, emergency food boxes, animal meal program, education to promote wellness, magic of reading, and Toyota of Rockwall doctor rides. VerHagen stated that Heath has supported this program for over twelve years and thanked the City their continued support. Mayor Elam thanked Margie VerHagen for her commitment to Meals on Wheels and stated that the funding is in the budget and would be approved along with the approval of the budget.

10. Discussion and Action Regarding the Re-Appointment to the Boards and Commission.

Mayor Elam stated that Council would be reappointing members of the Boards and Commissions who were interested in serving another term. There were three open positions: one on the Park Board, one on the Architectural Review Board, and one on the Special Events Board.

MOTION: RE-APPOINT CLINTON HOWIE, JOE RUSZKIEWICZ, BOB SHAW AND JAMES TUNNELL TO THE PLANNING & ZONING COMMISSION; CYNTHIA ALLEN, SANDRA DOYLE, JUSTIN SAUNDERS AND VICKI WALLACE TO THE HEATH MUNICIPAL BENEFITS CORPORATION/HEATH ECONOMIC DEVELOPMENT BOARD; PATRICK CUMMINS, KATIE DYER, EVAN JARCY AND MARK KING TO THE PARK BOARD; NATHAN GOODNIGHT, BRETT LEE AND GARY VICE TO THE BOARD OF ADJUSTMENT; TAMI HOGAN AND AMANDA ROSANDER TO THE SPECIAL EVENTS BOARD.

MOTION MADE:	RUFFO
SECONDED:	BEAMAN
APPROVED:	PASSED UNANIMOUSLY OF THOSE PRESENT
ABSENT:	WEAVER

11. Council/City Manager Comments.

City Manager Aretha Adams thanked the staff for their work and announced that the July 31st Budget Work Shop would be moved to the proposed week of August 12th. The date would be finalized this week and posted 72 hours prior to the meeting. Adams proposed moving the work shop in an effort to not have to repeat the workshop since Councilman Weaver would not be present.

Mathew assisted Mayor Elam with adjournment of the meeting at 8:24 p.m.

APPROVED:



KELSON ELAM
MAYOR

ATTEST:



NORMA DUNCAN
CITY SECRETARY

