February 3, 2015

Mr. Ed Polasek, AICP
Transportation Services Director
City of Georgetown
300 Industrial Avenue
Georgetown, TX 78627

Re: Georgetown Overall Transportation Plan Update
Klotz Associates Project No. 0573.003.001

Dear Mr. Polasek,

Klotz Associates is pleased to provide this final report for the Georgetown Overall Transportation Plan for the City of Georgetown.

This report documents the development of the update to the City’s Overall Transportation Plan. Included in this document is an analysis of existing conditions in the study area, as well as an update to the long range travel demand model. Recommended transportation improvement alternatives were developed using parameters such as the travel demand model, City of Georgetown input, goals and objectives as well as current design standards. The recommendations included in this Plan are for both roadway extensions and widening, as well as for construction of new roadways. The Plan also recommends the adoption and implementation of not only the Overall Transportation Plan, but of Sidewalk, Bicycle and Airport Master Plans for the area.

We wish to acknowledge the exceptional cooperation and support provided by City of Georgetown staff during the development of the Overall Transportation Plan Update and appreciate the opportunity to have been involved in the important project. We trust that the Overall Transportation Plan Update will assist the City of Georgetown and your partners in improving mobility throughout the City.

Sincerely,

Zach Ryan, P.E., CFM
Project Manager

ZR:lc
City of Georgetown
Overall Transportation Plan Update

klotz K associates

901 South MoPac Expressway
Building V, Suite 220
Austin, Texas 78746
Texas PE Firm Registration No. F-929

Project No. 0573.003.001
February 2015
# TABLE OF CONTENTS

**CREDITS**

**EXECUTIVE SUMMARY** ................................................................. ES-1

**SECTION 1  INTRODUCTION** .......................................................... 1-1

1.1 Study Background and Purpose .................................................. 1-1
1.2 Study Area .................................................................................. 1-2
1.3 Study Participants ....................................................................... 1-3
1.4 Goals and Objectives ................................................................... 1-3
1.5 Purpose and Benefits of a Transportation Plan ............................ 1-5

**SECTION 2  EXISTING TRANSPORTATION CONDITIONS** .................. 2-1

2.1 Existing Functional Classification System ................................... 2-1
2.2 Existing Area Roadways ............................................................... 2-9
2.3 Existing Traffic Signal Locations ................................................ 2-15
2.4 Existing Traffic Generators .......................................................... 2-18
2.5 Georgetown Airport Master Plan ................................................ 2-24
2.6 Existing Daily Traffic Volumes .................................................... 2-24
2.7 Existing Traffic Operations .......................................................... 2-27
2.8 Planned Transportation Improvements ....................................... 2-32
2.9 Planned Projects ......................................................................... 2-34

**SECTION 3  TRAVEL DEMAND MODEL** ......................................... 3-1

3.1 Data Analysis and Forecasting .................................................... 3-3
3.2 Traffic Analysis Zones ................................................................. 3-3
3.3 Travel Demand Model Development Overview ........................... 3-6
3.4 Existing Roadway Network ......................................................... 3-7
3.5 Existing Planning Data ................................................................. 3-8
3.6 Trip Generation ........................................................................... 3-8
3.7 Trip Distribution Models .............................................................. 3-9
3.8 Traffic Assignment ..................................................................... 3-9
3.9 Additional Data Analysis and Forecasting .................................... 3-11
3.10 Application of 5D Post Process .................................................. 3-12
3.11 Model Application and Refinement ............................................. 3-13
3.12 Summary and Conclusions ....................................................... 3-14

**SECTION 4  CONTEXT SENSITIVE SOLUTIONS** ............................... 4-1

4.1 Introduction .................................................................................. 4-1
4.2 Background .................................................................................. 4-1
4.3 Basic Design Concept ................................................................. 4-4
4.4 Transitions ................................................................................... 4-5
4.5 Proposed Functional Classification System .................................. 4-5
4.6 Georgetown CSS Efforts ............................................................... 4-6
4.7 Next Steps .................................................................................... 4-11
City of Georgetown
Overall Transportation Plan Update

Mayor
Dale Ross

City Council
Patty Eason       Keith Brainard
John Hesser      Steve Fought
Jerry Hammerlum  Rachel Jonrowe
                Tommy Gonzales

Interim City Manager
Jim Briggs

GTEC Board
Tommy Gonzalez  Jerry Hammerlun
Johnny Anderson  Bill Connor
John Hesser     Leo Wood

GTAB Board
Steve Johnston  John Pettit  Truman Hunt
John Hesser    Christopher H’Luz  Ray Armour
Rachel Jonrowe  David Johnson  Scott Rankin

City Manager
Jim Briggs

City Staff
Laurie Brewer, Assistant City Manager
Ed Polasek, A.I.C.P., Transportation Engineer
Jordan Maddox, A.I.C.P., Principal Planner
Bill Dryden, P.E., Transportation Engineer
Mark Miller, Transportation Services Manager
Nat Waggoner, PMP, Transportation Analyst
Jana Kern, Administrative Assistant

Prepared by:
Klotz Associates, Inc.

In association with:
Kimley-Horn and Associates, Inc.
City of Georgetown Staff

As approved by Georgetown City Council
March 10, 2015