

*TIA's
What We Look For*

Residential and Commercial Development

Who Should Perform a TIA?

Purpose and Intent of City TIA Guidelines.

Overall Purpose

Goals of a Completed TIA

Ensure the Development Process is Clearly Understood and Adhered To

Who Should Perform a TIA

A Texas Licensed Professional Engineer

*Any Development (Residential or Commercial) That Generates
More Than 100 Vehicle Trips in the Peak Hour*

Purpose and Intent of City TIA Guidelines

Overall Purpose

Establish a Public/Private Partnership to Coordinate Land Use and Mitigate Adverse Impact by Implementing Transportation Improvements.

Goals of a Completed TIA

Identify Any and All Potential Adverse Impacts to the Existing Area Street System, the Surrounding Community and to Additional Proposed Developments.

To Identify Transportation Improvements With an Aim to Mitigate Identified Adverse Traffic Impacts and, When Appropriate and Reasonable, Meet Public Concerns Through the Use of Context Sensitive Solutions.

To Assist Public and Private Sector Entities in Identifying and Resolving Issues Related to the Location of Driveways, Median Openings, Turn Lanes, Traffic Signals, and Other Transportation Facilities.

***Ensure the Development Process is Clearly Understood and Adhered To
The Intention of TIA Guidelines is to Provide Information Necessary for an
Understanding of the Development Process, Technical Expectations, and
Required Deliverables of a TIA Submitted to the City.***

Key Areas For Analysis

Existing Conditions

Background Traffic

Generated Trips and Distribution

Projected Traffic and Distribution

Existing Condition Analysis

Data Collection

24-Hour Directional Counts

13-Hour Intersection Counts

Existing Condition Analysis

HCS Analysis

Synchro Analysis

Background Traffic Analysis

Project Existing Traffic to Projected Buildout Year

Projected Background Analysis

HCS Analysis

Synchro Analysis

Generated Trips and Trip Distribution

Trip Generation

Does Trip Generation Match Land Use?

Is Development Phase and Does Generated Trips Match Phasing?

Trip Distribution

Is Trip Distribution Logical and Appropriate for Phased Development?

Distributed Trips Added to Background Trips

Projected Traffic and Distribution

Projected Traffic and Distribution Analysis

HCS Analysis

Synchro Analysis

What Are The Key Areas of Analysis

Major Intersections (Signalized Intersections)

Major Ingress/Egress Points

Driveway Locations

External Traffic Circulation

Internal Traffic Circulation

Connectivity

Need for Left Turn Lanes/Right Turn Lanes

How Does League City Enforce TIA Guidelines

Currently League City's TIA Guidelines Fall Within the Subdivision Code and Is Supported by City Ordinance.

New and More Comprehensive TIA Guidelines Have Been Developed and Are Apart the League City General Design and Construction Standards That Will Be Going Before Council in October of 2011 for Adaption and Implementation. This Document will Carry the Full Support of Being Approved by Ordinance.



QUESTIONS?