



TRAFFIC IMPACT ANALYSIS SCOPE

Project Name:

Date:

Location:

Jurisdiction(s): City of Kyle

Other:

Applicant:

Phone:

General: The TIA associated with this scope shall be prepared in accordance with the City of Kyle TIA Guidelines. This scope shall be valid for 1 year from the date indicated. If the TIA is not submitted within 1 year from the indicated date, the TIA will need to be rescoped.

TIA SCOPE- CHECKLIST

Items must be included as part of the scope by the applicant.

- ☐ Signed TIA Determination Worksheet
- ☐ Project Site Plan/Aerial Map
- ☐ Traffic Growth Calculations
- ☐ Trip Distribution
- ☐ Map of Study Intersections
- ☐ Detailed Trip Generation Calculations

1. Project Details

a. Total Unadjusted Trips from TIA Determination Worksheet

Daily:

AM Peak Hour:

PM Peak Hour:

b. Study Timeframe

Existing Year:

Build-Out Year(s):

c. Peak Hour Selection

- ☐ AM Peak Hour ☐ PM Peak Hour ☐ Other:



d. Study Type:

☐ Neighborhood Scale
2,000 – 4,999 Daily Trips

☐ Regional Scale TIA
5,000+ Daily Trips

☐ Study Intersections within 1 – 1.5 Miles

☐ Study intersections are at the City's
Discretion

2. Study Assumptions:

a. Annual Traffic Growth Rate (Provide Calculations if Available):

Source:

b. Background Information:

- **Background Projects:**

Project Name	Case Number

c. The following adopted plans and public infrastructure improvement projects apply to this site:

- *City of Kyle Transportation Master Plan*
- Other:

ci. Trip Distribution

- Include maps illustrating the distribution and percentage of project generated trips (inbound and outbound during the AM and PM Peak Hours) at the project driveways and study intersections.
- These maps should be provided as attachments within the TIA Scope and the TIA and must receive prior approval from the City of Kyle Engineer.



e. Study Intersections (See TIA Guidelines)

1. All Site Driveways	6.
2.	7.
3.	8.
4.	9.
5.	10.

f. Project Trip Details (See TIA Guidelines guidance)

- If different than the attached TIA determination worksheet, attach a detailed trip generation table for *each phase*, including ITE rates, peak hour volumes (in/out/totals), proposed reductions, pass-by rates, internal capture rates

3. Study Requirements

- a. Turn Lane Analysis** at site driveways should be conducted per *City of Kyle TIA Guidelines*.
- b. Signal Warrant Analysis** at intersections where signal installation is recommended as a mitigation.

c. Sight Distance

- **Intersection Sight Distance** for all site driveways and new roadway connections.

d. Driveway Spacing at all site driveways.

e. Other Considerations:

Analysis for each phase/year shall include:

- At *signalized* intersections:
 - Delay by *movement*
 - Level of Service by *movement*
 - V/C by *movement*
 - Queueing analysis with 95% queue length by *movements*, vs existing storage bay and/or distance from adjacent intersection(s)
- At *unsignalized* intersections:
 - Delay by *approach*
 - Level of Service by *approach*
 - V/C by *approach*



Additional Notes and Study Requirements:

4. Submittal Requirements

- a. The cover sheet of the TIA must include the City of Kyle permit number if applicable, City of Kyle permit number, and the owner's name and contact information (e-mail and phone number).
- b. Submit to City the items specified below as follows:
 - For Completeness Check Review Submissions –Submit the electronic version only, including all attachments and files, please upload these to the City of Kyle Workspace
 - For Full Review Submission - Submit the electronic version, including all attachments and files, please upload these to the City of Kyle plans Energov portal.
- c. Submit to the City of Kyle electronically, by the City's approved method the items specified below:
 - PDF of the TIA,
 - Synchro Network for all conditions analyzed and background DXF or aerial format. Synchro files must be in real world coordinates,
 - Excel spreadsheets with overall trip generation, internal and pass-by trip capture rates if applicable, site trip distribution & assignment within roadway network and site driveways.

The applicant confirms that all the documents, reports, and files adhere to the submittal requirements of City of Kyle's TIA Guidelines.

City of Kyle

SIGNED:

Date:

Applicant

SIGNED:

Date: