

STANDARD LETTER
SCOPE OF TRAFFIC IMPACT STUDY (TIS)

TO: Name TERRY BROWN
Organization TONY, CYNTHIA BECK,
Address TERRY, Jim S.
City, State, Zip KRISTAL, JEFF, (TED GARRET,
METRO WOOTEN, (RON B.)
RT STAR

MEETING DATE: Date 1-19-13

ATTENDEES: Consultant; Transportation Development, COA; Transportation Planning, COA;
Environmental Health, COA; NMDOT; Bernalillo County.

PROJECT: Project Name SEC LADERA DRIVE & UNSER BLVD.
COMMERCIAL DEV

REQUESTED CITY ACTION: ☐ Zone Change ☐ Site Development Plan
☐ Subdivision ☐ Building Permit ☐ Sector Plan ☐ Sector Plan Amendment
☐ Curb Cut Permit ☐ Conditional Use ☐ Annexation ☐ Site Plan Amendment

BY
PHONE

ASSOCIATED APPLICATION: Description of development.

The Traffic Impact Study should follow the standard report format, which is outlined in the DPM. The following supplemental information is provided for the preparation of this specific study. As each item identified in the scoping letter is completed, check the appropriate (box).

- ☐ 1. Trip Generation - Use Trip Generation Manual, 7th Edition.
Consultant to provide.
- ☐ 2. Appropriate study area:
Signalized Intersections; I-40 RAMPs AS DETERMINED BY NMDOT
LADERA, TERRA PINTADA / 98th, OURAY / UNSER
Unsignalized Intersections; LADERA (MARKET)
UNSER (2) LADERA (1)
Driveway Intersections: all site drives.
- ☐ 3. Intersection turning movement counts.
Intersections provided: signalized intersections above except county;

Intersections that need to be counted by developer: unsignalized.
- ☐ 4. Existing traffic signal timing and synchronization.
Intersections provided: signalized intersections above except county.
- ☐ 5. Type of intersection progression and factors to be used.
Type III arrival type (see HCM Special Report 209 or equivalent as approved by Transportation Development Staff). Unless otherwise justified, peak hour factors and % heavy commercial should be taken directly from the MRGCOG turning movement data provided.
- ☐ 6. Boundaries of area to be used for trip distribution.
City Wide - residential, office or industrial;
2 mile radius - commercial;
Interstate or to be determined by consultant - motel/hotel.

Project Name

- ☐ 7. Basis for trip distribution.
Residential – Use inverse relationship based upon distance and employment. Use employment data from 2025 Socioeconomic Forecasts, MRGCOG (S-03-01).

Office/Industrial - Use inverse relationship based upon distance and population. Use population data from 2025 Socioeconomic Forecasts, MRGCOG (S-03-01).

Commercial - Use relationship based upon population. Use population data from 2025 Socioeconomic Forecasts, MRGCOG (S-03-01).

Residential -

$$T_s = (T_t) (S_e / D) / (S_e / D)$$

T_s = Development to Individual Subarea Trips

T_t = Total Trips

S_e = Subarea Employment

D = Distance from Development to Subarea

Office/Industrial -

$$T_s = (T_t) (S_p / D) / (S_p / D)$$

T_s = Development to Individual Subarea Trips

T_t = Total Trips

S_p = Subarea Population

D = Distance from Development to Subarea

Commercial -

$$T_s = (T_t) (S_p) / (S_p)$$

T_s = Development to Individual Subarea Trips

T_t = Total Trips

S_p = Subarea Population

- ☐ 8. Traffic Assignment. Logical routing on the major street system.
- ☐ 9. Proposed developments which have been approved but not constructed that are to be Included in the analyses. *WATERSHED, APS STADIUM*
- ☐ 10. Method of intersection capacity analysis - planning or operational (see HCM Special Report 209 or equivalent as approved by Transportation Development Staff). Must use latest version of design software and/or current edition of design manual.
Implementation Year: *2018*
- ☐ 11. Traffic conditions for analysis:
- a. Existing analysis ☒ yes ☐ no - year (xxxx);
 - ☒ b. Phase implementation year(s) without proposed development;
 - ☒ c. Phase implementation year(s) with proposed development;
 - d. Project completion year without proposed development (yr. xxxx); *2018*
 - e. Project completion year with proposed development (yr. xxxx). *2018*
 - f. Other.
- ☐ 12. Background traffic growth.
Method: use 5-year historical growth based on standard data from the MRGCOG Traffic Flow Maps (1997 to 2002 w/5 years of standard data). If not available, use 5-year historical growth based upon MRGCOG Traffic Flow Maps. Minimum growth rate to be used is 1/2%.

Project Name

- ☐ 13. Planned (programmed) traffic improvements.
List planned CIP improvements in study area and projected project implementation year: 2013
- ☐ 14. Items to be included in the study:
- a. Intersection analysis.
 - ~~b. Signal progression - An analysis is required if the driveway analysis indicates a traffic signal is possibly warranted. Analysis Method:~~
 - ~~c. Arterial LOS analysis;~~
 - d. Recommended street, intersection and signal improvements.
 - e. Site design features such as turning lanes, median cuts, queuing requirements and site circulation, including driveway signalization and visibility.
 - f. Transportation system impacts.
 - g. Other mitigating measures.
 - ~~h. Accident analyses ___yes ___no.
Location(s):~~
 - ~~i. Weaving analyses ___yes ___no.
Location(s):~~
- ☐ 15. Number of copies of report required ___
Executive Summary Required ___yes ___no
(12 copies if required)
- ☐ 16. Other:

The Traffic Impact Study for this development proposal, project name, shall be performed in accordance with the above criteria. If there are any questions regarding the above items, please contact me at 924-3994.

Tony Loyd
Transportation Development Section

Date

cc: TIS Task Force Attendees
file