STANDARD LETTER

SCOPE OF TRAFFIC IMPACT STUDY (TIS)

TO: Terry Brown, PE
P.O. Box 92051
Albuquerque, NM 87199

MEETING DATE: October 6, 2011 (by phone)

ATTENDEES: Terry Brown; Richard Dourte, City Engineer, COA; Tony Loyd, Impact Fees/Transportation Development, COA.

PROJECT: Andalucia, Tract 6 (Montano/Coors)

REQUESTED CITY ACTION: ___Zone Change _x_Site Development Plan

___Subdivision ___Building Permit ___Sector Plan ___Sector Plan Amendment

___Curb Cut Permit ___Conditional Use ___Annexation _x_Site Plan Amendment

ASSOCIATED APPLICATION: Site Development Plan for Subdivision Amendment and Site Development Plan for Building Permit for proposed 99k sq. ft. Wal-mart.

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 ITE Trip Generation Manual, current edition.
Consultant to provide.

❑ 2. Appropriate study area:
Signalized Intersections: Montano/Coors, Dellyne/Coors and Montano/4th St.;

Unsignalized Intersections: Montano/Winterhaven, Montano/Antequera, E/W Street/Coors and Mirandela/Coors;

Driveway Intersections: all site drives.

❑ 3. Intersection turning movement counts.
Intersections provided: none.

Intersections that need to be counted by consultant: all applicable.

❑ 4. Existing traffic signal timing and synchronization.
Intersections provided: consultant to determine signal timing and synchronization or coordinate with Traffic Operations to obtain.

❑ 5. Type of intersection progression and factors to be used.
Type III arrival type (see HCM 2000 or equivalent as approved by Transportation Development Staff). Unless otherwise justified, peak hour factors and % heavy commercial should be taken directly from the MRCOG turning movement data or equivalent. If not available, consultant will need to calculate/provide.

❑ 6. Boundaries of area to be used for trip distribution.
City Wide - residential, office or industrial;
2 mile radius – commercial;
Modified (as discussed) for Wal-mart
Interstate or to be determined by consultant - motel/hotel.

❑ 7. Basis for trip distribution.
Residential – Use inverse relationship based upon distance and employment. Use employment data from 2030 Socioeconomic Forecasts, MRCOG (S-07-01).

Office/Industrial - Use inverse relationship based upon distance and population. Use population data from 2030 Socioeconomic Forecasts, MRCOG (S-07-01).

Commercial - Use relationship based upon population. Use population data from 2030 Socioeconomic Forecasts, MRCOG (S-07-01).

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: US New Mexico Credit Union

❑ 10. Method of intersection capacity analysis - planning or operational (see HCM 2000 or equivalent as approved by Transportation Development Staff). Must use latest version of design software and/or current edition of design manual.
Implementation Year: 2015.

❑ 11. Traffic conditions for analysis:
a. Existing analysis _x_yes ___no - year (2011);

b. Project completion year without proposed development (yr. 2015);

c. Project completion year with proposed development (yr. 2015).
2005 and 2011 plan

❑ 12. Background traffic growth.
Method: use 5-year historical growth based on standard data from the MRCOG Traffic Flow Maps (2005 to 2010 w/5 years of standard data). If not available, use 5-year historical growth based upon MRCOG Traffic Flow Maps. Minimum growth rate to be used is 1/2%.

❑ 13. Planned (programmed) traffic improvements.
List planned CIP improvements in study area and projected project implementation year: none.

☐ 14. Items to be included in the study:

a. Intersection analysis (includes queuing requirements and auxiliary lane analysis where applicable).

b. Recommended street, intersection and signal improvements.

c. Site design features such as turning lanes, median cuts, queuing requirements and site circulation, including driveway signalization and visibility.

d. Transportation system impacts.

e. Other mitigating measures.

☐ 15. Number of copies of report required _2_
Executive Summary Required ___yes _x_no
(12 copies if required)

☐ 16. Other:

The Traffic Impact Study for the Andalucia, Tract 6 (Montano/Coors) proposal shall be performed in accordance with the above criteria. If there are any questions regarding the above items, please contact me at 924-3934.

Tony Loyd — 11-7-11

Tony Loyd
For Transportation Development Section

Date (returned to work)

cc: TIS Task Force Attendees
file