

CITY OF ALBUQUERQUE



December 12, 2017

Hugh Floyd
RESPEC
5971 Jefferson St. NE #101
Albuquerque, NM 87109

**Re: Taos Unit 1 at the Trails
Intersection of Universe Blvd. and Woodmont Ave.
Traffic Signal Warrant Study**
Engineer's Stamp dated 12-06-17 (C09-D001C)

Dear Mr. Floyd,

The subject Traffic Signal Warrant submittal prepared by Nevin Harwick from High Mesa Consulting Group and on received 12-7-17 has been reviewed and approved by the Transportation Development Section. All comments have been adequately addressed.

PO Box 1293

Albuquerque

If you wish to meet with City of Albuquerque Planning staff (Shahab Biazar, Racquel Michal and myself) to discuss the possibility of removing the signal from the infrastructure list for this development, or if you have any other questions, please contact me at (505) 924-3633.

NM 87103

Sincerely,

www.cabq.gov

Ernest Armijo, PE
Senior Engineer, Planning Dept.
Development Review Services

via: email
C: Applicant, File



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11 2016)

Project Title: Taos Unit 1 at the Trails Building Permit #: _____ Hydrology File #: C09D001C
DRB#: 1008797 EPC#: _____ Work Order#: _____
Legal Description: Lots 1-56 Taos Unit 1 at the Trails
City Address: _____

Applicant: Real Capital Solutions Contact: Brian Mulqueen
Address: 371 Centennial Parkway, Suite 200, Louisville, CO 80027
Phone#: (303) 533-1607 Fax#: _____ E-mail: bmulqueen@realcapitalsolutions.com
Other Contact: RESPEC Contact: Hugh Floyd
Address: 5971 Jefferson St. NE #101, Albuquerque, NM 87109
Phone#: (505) 253-2810 Fax#: _____ E-mail: hugh.floyd@respec.com

Check all that Apply:

DEPARTMENT:

☐ HYDROLOGY/ DRAINAGE
☒ TRAFFIC/ TRANSPORTATION

TYPE OF SUBMITTAL:

☐ ENGINEER/ARCHITECT CERTIFICATION

☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL) \$150
☒ TRAFFIC IMPACT STUDY (TIS)

☐ OTHER (SPECIFY) _____
☐ PRE-DESIGN MEETING?

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY

☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL

☒ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR

☐ OTHER (SPECIFY) _____

DATE SUBMITTED: 11-3-17 By: Bethany March Bethany March 11-3-17

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

HIGH MESA Consulting Group

Engineers, Surveyors & Subsurface Utility Consultants

2017.052.1

December 6, 2017

Mr. Hugh Floyd, PE
NM Area Manager, Water & Natural Resources
RESPEC
5971 Jefferson NE, Suite 101
Albuquerque, NM 87109

Re: Traffic Signal Warrant Study – Universe Blvd and Woodmont Ave Intersection, Revised

Dear Mr. Floyd:

This letter report is a traffic signal warrant reevaluation of the Universe Blvd/Woodmont Ave intersection. The intersection was evaluated in 2010 to determine if traffic signal warrants were met, and the traffic volumes did not warrant signalization. New turning movement count data was collected on October 17, 2017 to reevaluate the intersection operations and traffic signal warrants. The results of the count and the analyses results are included below.

A series of traffic data collection and studies were performed to assess traffic operations at the intersection. The studies included:

- AM and PM Peak Period Turning Movement Counts (9-hour total)
- Traffic Operations Analyses
- Signal Warrant Analyses

Each of these studies is described below.

Turning movement counts were collected at the intersection on Tuesday October 17, 2017. The data were collected for three hours in the morning from 7:00 to 10:00 am, over the noon hour from 11:00 am to 1:00 pm, and from 2:00 until 6:00 pm. The times were determined to ensure that all school related peak traffic was observed. The raw volumes are appended at the end of the report.

Table 1
2012 Peak Hour Turning Movement Volumes

Intersection	Eastbound			Northbound			Southbound		
	LT	Th	RT	LT	Th	RT	LT	Th	RT
<i>AM Peak Hour</i>	79		101	40	176			449	76
<i>Noon Peak Hour</i>	31		16	19	131			155	27
<i>PM Peak Hour</i>	59		16	65	552			198	45

There has been a moderate change from 2010 to 2017 in intersection turning movement volumes. The peak period intersection entering volume changes are as follows:

Principals: Charles G. Cala, Jr., P.S. • Juan M. Cala • Joseph M. Solomon, Jr., P.S. • J. Graeme Means, P.E. • Joseph E. Gonzales
In Memoriam: Jeffrey G. Mortensen, P.E.

6010-B Midway Park Blvd. NE • Albuquerque, New Mexico 87109 • Phone: 505.345.4250 • Fax: 505.345.4254 • www.highmesacg.com