

TRAFFIC SCOPING FORM

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From: Amanda Herrera, P.E. (Amanda.Herrera@NV5.com)
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Date: August 22, 2024

Re: Memorandum of Traffic Scoping Form – Project Chase, City of Albuquerque

This memo conveys current information related to the Traffic Scoping Form (TSF) for a proposed delivery facility development in Albuquerque, NM. It outlines the study area, study intersections, the trip generation, background growth, and trip distribution for the proposed development.

Site Description

The Traffic Impact Study (TIS) will comply with all the requirements of the City of Albuquerque and NMDOT given the proposed developments vicinity to state routes. The proposed development is located along Daytona Road, about 3,000 feet west of the intersection of Unser Blvd. and Los Volcanes Road. The project will include 127,920 SF of warehousing facility. The project is expected to be completed by 2026 with a Horizon Year of 2036.

Site Trip Generation

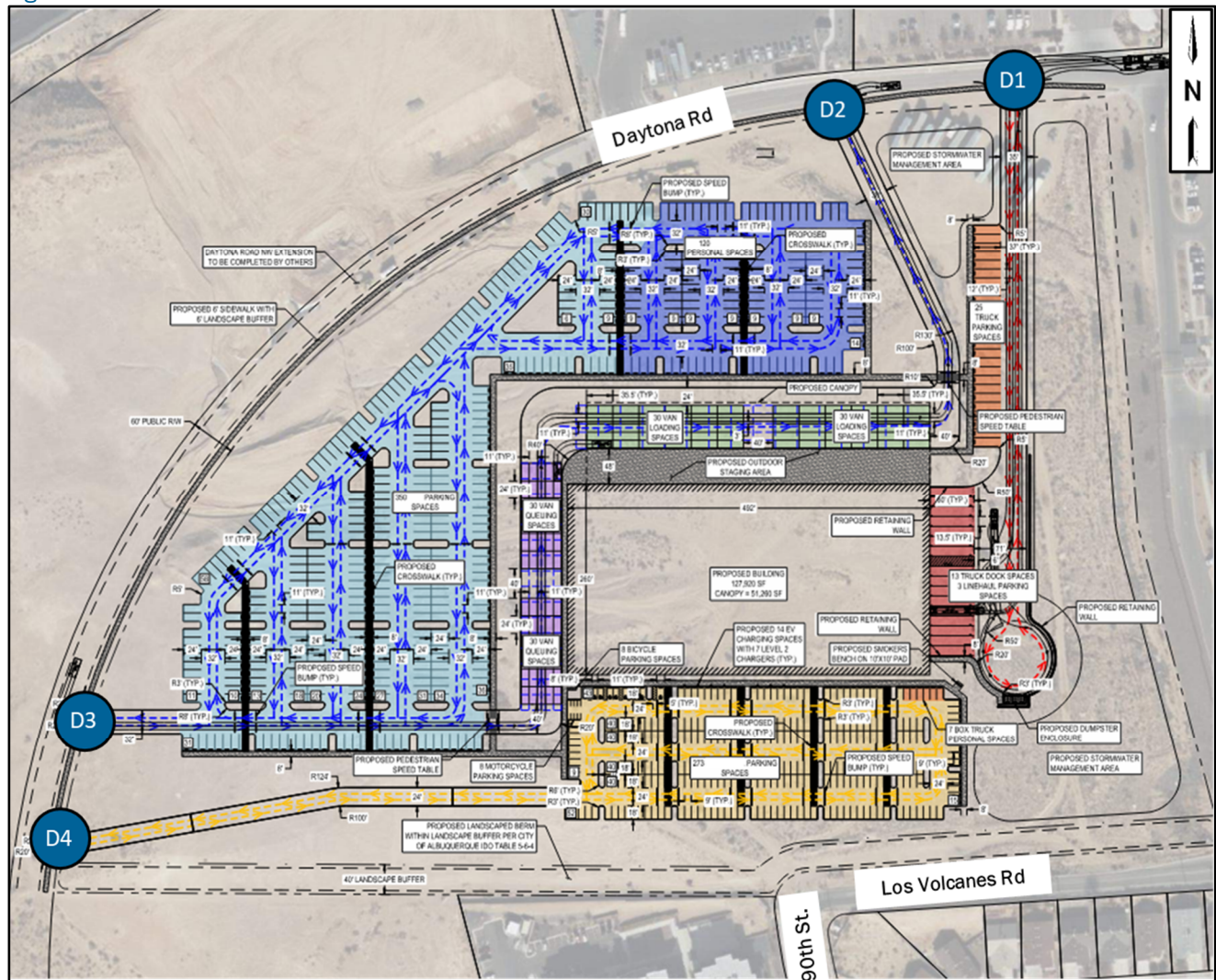
The proposed site is anticipated to generate 2,740 daily, 253 AM and 23 PM Peak Hour trips during the typical commuter peak hours (7:00 – 9:00 a.m. and 4:30 – 6:30 p.m.). For reference we've compared the site-specific generated trips provided by the developer and shown in Appendix A with rates and equations in the ITE Trip Generations Manual, 11th Edition. As shown in the table below the user supplied data will generate more daily trips and additional AM peak hour trips than using the ITE Trip Generation Rates. We recommend assessing the transportation network, capacity, and access driveways using the user data to best serve the community and potential user.

Land Use	Source	Intensity	Daily	AM Peak Hour			PM Peak Hour		
				IN	OUT	TOTAL	IN	OUT	TOTAL
Warehousing	ITE ¹	127,920 SF	240	30	9	39	12	30	42
Delivery Facility	User Data ²	127,920 SF	2,740	170	83	253	0	23	23
Difference			+2,500	+140	+74	+214	-12	-7	-19

¹ Institute of Transportation Engineers (ITE) Land Use Code 150 - Warehousing

² Delivery Facility - Proposed Traffic Schedule

Figure 1. Site Plan



Study Intersections

The following intersections are proposed for analysis and existing data collection. An intersection map can be found below in Figure 2.

1. Unser Blvd and Los Volcanes Road
2. 98th Street and Bluewater Road
3. Los Volcanes Road and Daytona Road
4. Bluewater Road and 90th Street
5. Daytona Road and Driveway 1
6. Daytona Road and Driveway 2
7. Daytona Road and Driveway 3
8. Daytona Road and Driveway 4

The four driveways shown in Figure 1 will also be studied.

Data Collection

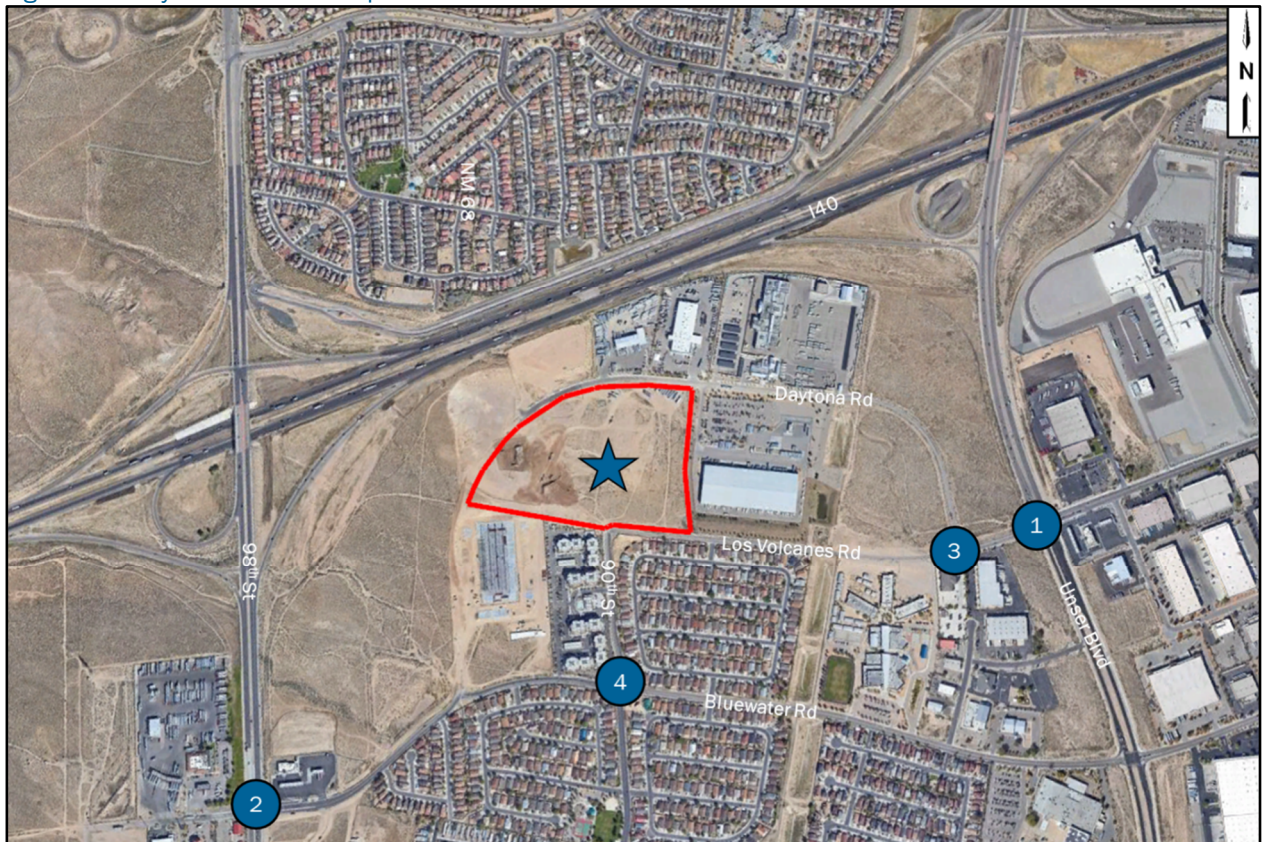
Existing data collection is proposed for the following:

New AM (6-9 am) and PM (4-7pm) turning movement counts (TMCs) shall be conducted on a Tuesday, Wednesday, or Thursday while schools are in session at the following locations:

1. Unser Blvd and Los Volcanes Road
2. 98th Street and Bluewater Road
3. Los Volcanes Road and Daytona Road
4. Bluewater Road and 90th Street

The TMC's shall include classification of Vehicles as well as pedestrian/bicycle volumes.

Figure 2. Study Intersections Map



Trip Distribution

Commercial trips are proposed to be allocated based on the population distribution within a three-mile radius of the project. The distribution of new trips entering and exiting the site was derived from data established during the trip distribution determination process and logical routing judgement. These trips were further distributed using the MRCOG Socio-economic 2016-2040 dataset. Additionally, the following map illustrates the percentages used for trip distribution.

Figure 3. Trip Distribution Map



Background Growth

A background minimum growth rate of 1% will be assumed or as stated in response to this scope.

Previous Developments in the Project Vicinity

1. _____
2. _____
3. _____

Appendix A – Trip Schedule

Time	Autos		Trip Schedule Trucks		Total		Peak Hour	
	In	Out	In	Out	In	Out	In	Out
12:00:00 AM	0	0	3	1	3	1		
12:30:00 AM	0	0	1	1	1	1		
1:00:00 AM	0	0	3	3	3	3		
1:30:00 AM	0	0	1	1	1	1		
2:00:00 AM	83	0	3	3	86	3		
2:30:00 AM	0	0	1	1	1	1		
3:00:00 AM	0	0	2	3	2	3		
3:30:00 AM	0	0	2	1	2	1		
4:00:00 AM	5	5	6	3	11	8		
4:30:00 AM	0	0	2	1	2	1		
5:00:00 AM	5	0	5	2	10	2		
5:30:00 AM	10	0	2	2	12	2		
6:00:00 AM	0	0	0	1	0	1		
6:30:00 AM	0	0	0	2	0	2		
7:00:00 AM	47	0	0	0	47	0		
7:30:00 AM	0	0	0	0	0	0		
8:00:00 AM	105	83	0	0	105	83	170	83
8:30:00 AM	64	0	1	0	65	0		
9:00:00 AM	64	64	1	0	65	64		
9:30:00 AM	108	64	1	0	109	64		
10:00:00 AM	54	111	0	0	54	111		
10:30:00 AM	0	64	1	1	1	65		
11:00:00 AM	80	87	0	1	80	88		
11:30:00 AM	90	0	0	1	90	1		
12:00:00 PM	26	80	0	0	26	80		
12:30:00 PM	95	124	0	1	95	125		
1:00:00 PM	80	26	0	0	80	26		
1:30:00 PM	80	80	0	0	80	80		
2:00:00 PM	15	80	0	0	15	80		
2:30:00 PM	0	90	0	0	0	90		
3:00:00 PM	0	15	0	0	0	15		
3:30:00 PM	0	5	0	5	0	10		
4:00:00 PM	0	5	0	5	0	10		
4:30:00 PM	0	0	0	0	0	0		
5:00:00 PM	0	2	0	2	0	4		
5:30:00 PM	0	8	0	0	0	8	0	23
6:00:00 PM	0	15	0	0	0	15		
6:30:00 PM	64	0	0	0	64	0		
7:00:00 PM	64	64	0	0	64	64		
7:30:00 PM	64	64	0	0	64	64		
8:00:00 PM	64	64	0	0	64	64		
8:30:00 PM	54	72	1	0	55	72		
9:00:00 PM	0	54	1	0	1	54		
9:30:00 PM	0	0	1	0	1	0		
10:00:00 PM	0	0	1	0	1	0		
10:30:00 PM	0	0	1	1	1	1		
11:00:00 PM	5	0	3	1	8	1		
10:30:00 PM	0	0	1	1	1	1		
Total	1,326	1,326	44	44	1,370	1,370	2,740 daily trips	



City of Albuquerque

Planning Department
Development Review Services Division

Traffic Scoping Form (REV 05/2024)

K09D026E

Project Title: _____

Zone Atlas Page: _____ DFT/DHO #: _____ BP #: _____

Development Street Address: _____

(If no City Address include a Vicinity Map with site highlighted and legible street names)

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ E-mail: _____

Development Information

Build out/Implementation Year: _____

Existing Use: _____

Describe Proposed Development and Uses:

Days and Hours of Operation (if known): _____

Facility

Building Size (sq. ft.): _____

Number of Residential Units: _____

Number of Commercial Units: _____

Traffic Considerations

Expected Number of Daily Visitors/Patrons (if known):* _____

Expected Number of Employees (if known):* _____

Expected Number of Delivery Trucks/Buses per Day (if known):* _____

Trip Generations during PM/AM Peak Hour and ITE # (if known):* _____

Driveway(s) Located on: Street Name _____

Adjacent Roadway(s) Posted Speed: Street Name _____ Speed _____

Street Name _____ Speed _____

** If these values are not known, assumptions will be made by City staff. Depending on the assumptions, a full TIS may be required.*

Roadway Information (adjacent to site)

Comprehensive Plan Corridor Designation (e.g. Main Street, Major Transit, N/A): _____
<https://cabq.maps.arcgis.com/apps/webappviewer/index.html?id=53bf716981b14d25a31e7a2549c2d61b>

Comprehensive Plan Center Designation (e.g. urban center, Downtown, N/A): _____
<https://cabq.maps.arcgis.com/apps/webappviewer/index.html?id=53bf716981b14d25a31e7a2549c2d61b>

Street Functional Classification (e.g. Principal Arterial, Collector) : _____
<https://cabq.maps.arcgis.com/apps/webappviewer/index.html?id=53bf716981b14d25a31e7a2549c2d61b>

Jurisdiction of roadway (NMDOT, City, County): _____

Adjacent Roadway(s):

Name: _____ Traffic Volume: _____ Volume-to-Capacity Ratio (v/c): _____

Name: _____ Traffic Volume: _____ Volume-to-Capacity Ratio (v/c): _____

Traffic Volume and V/C Ratio: <https://www.mrcog-nm.gov/623/Traffic-Flow-Maps-and-Busiest-Intersecti> and <https://mrcog-nm.gov/574/Transportation-Analysis-and-Querying-App>

Adjacent Transit Service(s) : _____ Nearest Transit Stop(s): _____
<https://www.cabq.gov/gis/advanced-map-viewer>

Is site within 660 feet of Premium Transit?: _____
<https://cabq.maps.arcgis.com/apps/webappviewer/index.html?id=53bf716981b14d25a31e7a2549c2d61b>

Current/Proposed Bicycle Infrastructure : _____
Bikeways: <https://mrcog-nm.gov/544/Long-Range-System-maps>

Current/Proposed Sidewalk and buffer Infrastructure: _____
Sidewalk and buffer width : DPM Table 7.2.29

Submit by email to Traffic Engineer Curtis Cherne: ccherne@cabq.gov. Email or call 505-924-3986 for information.

For City Personnel Use:

TIS Determination

Note: Changes made to development proposals / assumptions, from the information provided above, will result in a new TIS determination.

Traffic Impact Study (TIS) Required: Yes [☒] No [☐]

Thresholds Met? Yes [☒] No [☐]

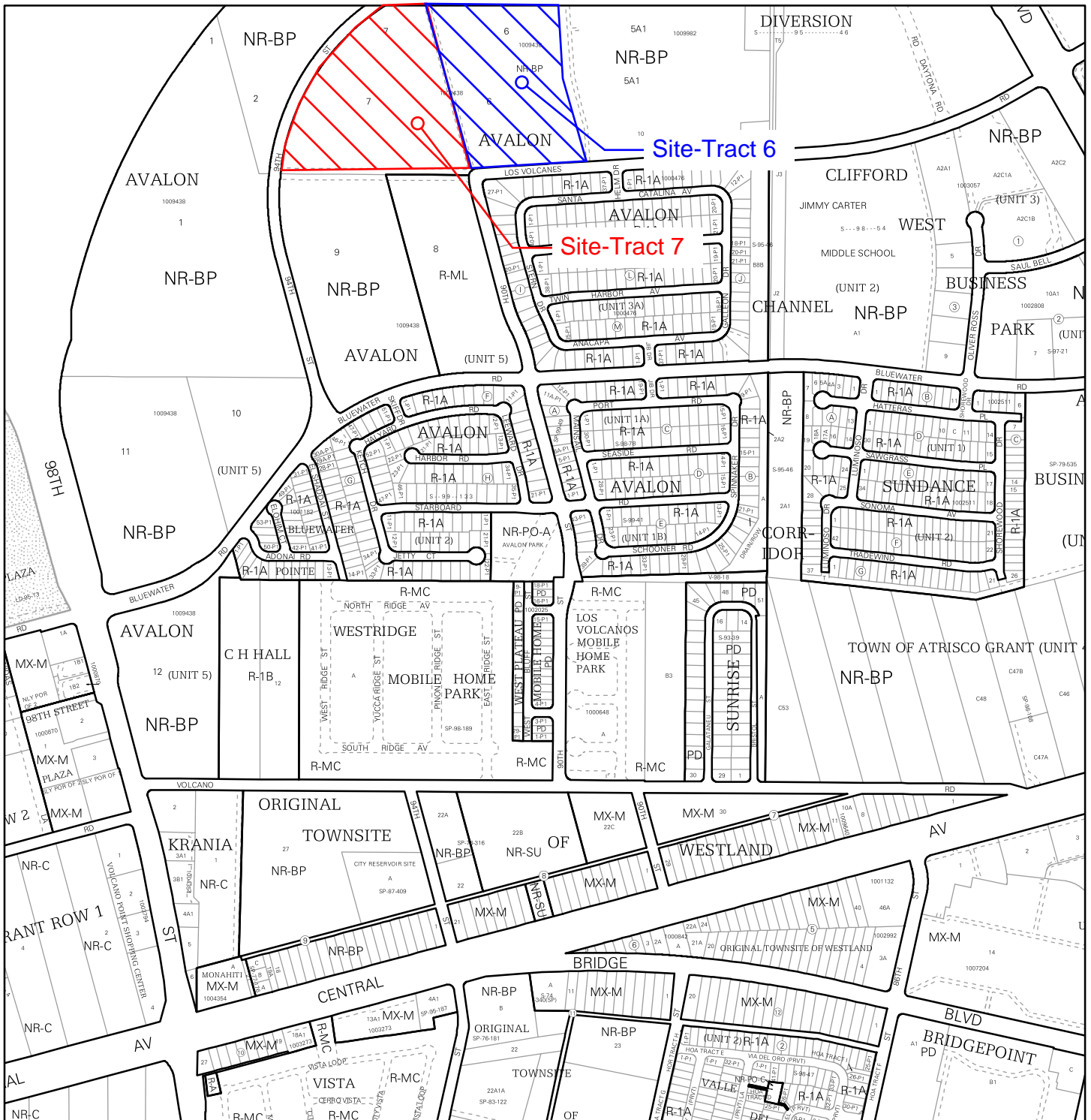
Mitigating Reasons for Not Requiring TIS and/or Notes:

User Data:
The City Concurs with the trips on
information provided
AM 253
PM 33

Curtis A Cherne

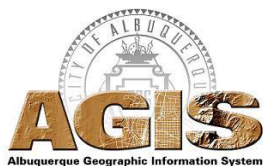
TRAFFIC ENGINEER

DATE

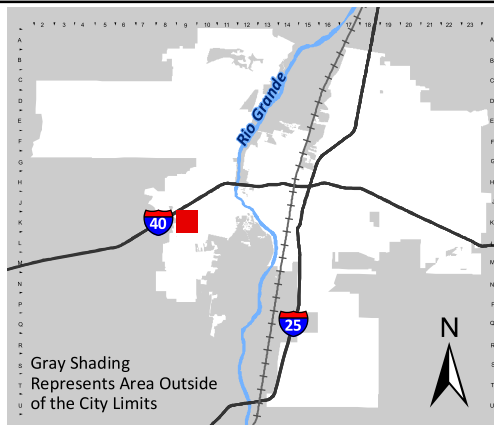


For more details about the Integrated Development Ordinance visit: <http://www.cabq.gov/planning/codes-policies-regulations/integrated-development-ordinance>

IDO Zone Atlas May 2018



IDO Zoning information as of May 17, 2018
The Zone Districts and Overlay Zones
are established by the
Integrated Development Ordinance (IDO).



Zone Atlas Page:
K-09-Z

- Easement
 - Escarpment
 - Petroglyph National Monument
 - Areas Outside of City Limits
 - Airport Protection Overlay (APO) Zone
 - Character Protection Overlay (CPO) Zone
 - Historic Protection Overlay (HPO) Zone
 - View Protection Overlay (VPO) Zone
- 0 250 500 1,000 Feet