



City of Albuquerque

Planning Department
Development Review Services Division

Traffic Scoping Form (REV 12/2020)

Project Title: Kairos Power Expansion **Building Permit #:** _____ **Hydrology File #:** _____
Zone Atlas Page: Q-16-Z **DRB#:** _____ **EPC#:** N/A **Work Order#:** _____
Legal Description: TR D-1 PLAT OF TRACTS D-1 THRU D-7 MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II) CONT 16.4161 AC
City Address: 5201 Hawking Drive SE, Albuquerque, NM 87106

Applicant: Derek Metson **Contact:** _____
Address: 502 Seventh Street, Suite 203 Oregon City, OR 97045
Phone#: (503) 207-5537 **Fax#:** _____ **E-mail:** permits@greenboxpdx.com

Development Information

Build out/Implementation Year: 2023 **Current/Proposed Zoning:** PC - Planned Community
Project Type: New: () Change of Use: () Same Use/Unchanged: () Same Use/Increased Activity: (X)
Proposed Use (mark all that apply): Residential: () Office: () Retail: () Mixed-Use: () Industrial Manufacturing (X)
Describe development and Uses:
Construction of two tensile membrane building structures (30,000 SF and 21,900 SF) to the West side of the existing Kairos Power campus. New structures are to be used for industrial manufacturing, the same as existing uses.
Days and Hours of Operation (if known): _____

Facility

Building Size (sq. ft.): Proposed Total SF: 51,900 (30,000 + 21,900)
Number of Residential Units: 0
Number of Commercial Units: 0
Project increases square footage for the existing use, no units are proposed

Traffic Considerations

Expected Number of Daily Visitors/Patrons (if known):* 5
Expected Number of Employees (if known):* 40
Expected Number of Delivery Trucks/Buses per Day (if known):* 2
Trip Generations during PM/AM Peak Hour (if known):* 40
Driveway(s) Located on: Street Name **Driveways located on privately owned street.**
Adjacent Roadway(s) Posted Speed: Street Name Hawking Drive SE **Posted Speed** Not Posted, likely 25 MPH
Street Name Crick Avenue SE **Posted Speed** 25 MPH

* 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)

Hawking Dr. SE = No Designation
(Future Minor Arterial 2040)

Comprehensive Plan Corridor Designation/Functional Classification: Crick Ave. SE = Minor Arterial
(arterial, collector, local, main street)

Comprehensive Plan Center Designation: Mesa del Sol I - Employment Center
(urban center, employment center, activity center)

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

Adjacent Roadway(s) Traffic Volume: 5,536* Volume-to-Capacity Ratio: V/C AM <0.25, PM <0.25
*Nearest MRCOG traffic count data is on university, (if applicable)
north of bobby foster (cogid 226,631)
Adjacent Transit Service(s): None University @ Spirit Dr. (3+ Miles away by car)
Nearest Transit Stop(s): _____

Is site within 660 feet of Premium Transit?: No

Current/Proposed Bicycle Infrastructure: None
(bike lanes, trails)

Current/Proposed Sidewalk Infrastructure: Only as required for site egress

Relevant Web-sites for Filling out Roadway Information:

City GIS Information: <http://www.cabq.gov/gis/advanced-map-viewer>

Comprehensive Plan Corridor/Designation: <https://abc-zone.com/document/abc-comp-plan-chapter-5-land-use> (map after Page 5-5)

Road Corridor Classification: <https://www.mrcog-nm.gov/DocumentCenter/View/1920/Long-Range-Roadway-System-LRRS-PDF?bidId=>

Traffic Volume and V/C Ratio: <https://www.mrcog-nm.gov/285/Traffic-Counts> and <https://public.mrcog-nm.gov/taqa/>

Bikeways: http://documents.cabq.gov/planning/adopted-longrange-plans/BTFP/Final/BTFP%20FINAL_Jun25.pdf (Map Pages 75 to 81)

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 ☒ Borderline []

Thresholds Met? Yes [] No ☒

Mitigating Reasons for Not Requiring TIS: _____ Previously Studied: []

Notes: Within an Employment Center with V/C < 0.50, no TIS required

M.P. P.E.

8/25/2022

TRAFFIC ENGINEER

DATE

Submittal

The Scoping Form must be submitted as part of any building permit application, DRB application, or EPC application. See the Development Process Manual Chapter 7.4 for additional information.

Submit by email to the City Traffic Engineer mgrush@cabq.gov . Call 924-3362 for information.

Site Plan/Traffic Scoping Checklist

Site plan, building size in sq. ft. (show new, existing, remodel), to include the following items as applicable:

1. Access -- location and width of driveways
2. Sidewalks (Check DPM and IDO for sidewalk requirements. Also, Centers have wider sidewalk requirements.)
3. Bike Lanes (check for designated bike routes, long range bikeway system) ([*check MRCOG Bikeways and Trails in the 2040 MTP map*](#))
4. Location of nearby multi-use trails, if applicable ([*check MRCOG Bikeways and Trails in the 2040 MTP map*](#))
5. Location of nearby transit stops, transit stop amenities (eg. bench, shelter). Note if site is within 660 feet of premium transit.
6. Adjacent roadway(s) configuration (number of lanes, lane widths, turn bays, medians, etc.)
7. Distance from access point(s) to nearest adjacent driveways/intersections.
8. Note if site is within a Center and more specifically if it is within an Urban Center.
9. Note if site is adjacent to a Main Street.
10. Identify traffic volumes on adjacent roadway per MRCOG information. If site generates more than 100 vehicles per hour, identify v/c ratio on this form.

Please see provided responses and Traffic Circulation Layout.