

# TECHNICAL MEMORANDUM

---

To: Mr. Robert Ritner  
Birkin Construction, LLC

Date: June 24, 2021

---

From: Daniel A, Kloos, P.E., Associate Principal  
Linscott, Law and Greenspan, Engineers

LLG Ref: 2.20.4311.1

---

Subject: ***Vehicle Miles Traveled (VMT) Assessment for the Temple Campus Facility Project, County of Riverside***

---

As requested, Linscott, Law & Greenspan, Engineers (LLG) is pleased to submit this Vehicle Miles Traveled (VMT) Assessment Technical Memorandum for the proposed Temple Campus Facility Project (herein referred to as “Project”). This Technical Memorandum presents the VMT screening criteria and applies the criteria, accordingly. It should be noted that the approach and methodology outlined in this Technical Memorandum is generally consistent with the *Technical Advisory for Evaluating Transportation Impacts In CEQA*, published by the Governor’s Office of Planning and Research (OPR), December 2018 (OPR Technical Advisory), which provides additional detail on the language and approach described in this Technical Memorandum.

## PROJECT LOCATION AND DESCRIPTION

The project site is generally located east of Cole Avenue between Landin Lane and Markham Street in the County of Riverside, California. Specifically, the Temple Campus will be located on the northeast quadrant of Cole Avenue and Markham Street. **Figure 1** presents a Vicinity Map, which illustrates the general location of the project site and depicts the surrounding street system and **Figure 2** presents an existing site aerial.

**Figure 3** presents the proposed overall site plan for the Project, prepared by Creative Design Associates. **Figure 4** presents a zoomed in proposed site plan focusing on the Temple Campus buildings. As shown in the figures, the proposed Temple Campus will consist of offices, meeting rooms, exhibition rooms, a large auditorium, a main prayer hall, a Sunday school building, a library and a dining-kitchen-laundry building with a total campus building square-footage of 53,466 square-feet (SF). A total of 247 parking spaces will be provided (160 spaces and 87 overflow spaces).

In addition, the project site, north of the Temple Campus buildings will contain residential lots for the development of a maximum of five (5) single family homes that will be associated with the Temple Campus Facility.



**Engineers & Planners**  
Traffic  
Transportation  
Parking

**Linscott, Law & Greenspan, Engineers**

2 Executive Circle  
Suite 250  
Irvine, CA 92614  
**949.825.6175** T  
949.825.6173 F  
[www.llgengineers.com](http://www.llgengineers.com)

Pasadena  
Irvine  
San Diego  
Woodland Hills

Philip M. Linscott, PE (1924-2000)  
William A. Law, PE (1921-2018)  
Jack M. Greenspan, PE (Ret.)  
Paul W. Wilkinson, PE (Ret.)  
John P. Keating, PE  
David S. Shender, PE  
John A. Boarman, PE  
Clare M. Look-Jaeger, PE  
Richard E. Barretto, PE  
Keil D. Maberry, PE  
Walter B. Musial, PE  
An LG2WB Company Founded 1966

## VMT ASSESSMENT

On December 28, 2018, the California Natural Resources Agency adopted revised CEQA Guidelines. Among the changes to the guidelines was the removal of vehicle delay and LOS from consideration for transportation impacts under CEQA. With the adopted guidelines, transportation impacts are to be evaluated based on a project's effect on vehicle miles traveled. Lead agencies are allowed to continue using their current impact criteria, or to opt into the revised transportation guidelines. However, the new guidelines must be used starting July 1, 2020, as required in CEQA section 15064.3. The County of Riverside recently adopted new transportation impact criteria in December 2020 to be consistent with the CEQA revisions. These new guidelines are contained within the *County of Riverside Transportation Analysis Guidelines for Level of Service Vehicle Miles Traveled*, dated December 2020 and provide screening criteria and methodology for VMT analysis.

For the VMT screening analysis, Figure 3 – Screening Criteria for Development Projects was applied to the proposed Project. Specifically, the “Local Essential Service” project type was utilized, which states: As with Local-Serving Retail, the introduction of new Local Essential Services shortens non-discretionary trips by putting those goods and services closer to residents, resulting in an overall reduction in VMT. Project types falling under the screening criteria includes the following:

- Project is local-serving as determined by the Transportation Department; and
- Local-serving and Day care center; or
- Police or Fire facility; or
- Medical/Dental office building under 50,000 square feet; or
- Government offices (in-person services such as post office, library, utilities); or
- Local or Community Parks

Although not specifically shown in the aforementioned bullet list, the proposed Project is considered a local essential service or local public facility, as it will shorten vehicle trips in the area for residents that are currently traveling further distances for religious services. Therefore, this project will screen out from a VMT analysis and be presumed to have a less than significant impact on VMT.

In order to further evaluate whether the proposed Project will screen out from a VMT analysis, the County of Riverside VMT Screening Tool was also utilized. Based on screening tool data provided by County of Riverside staff, the proposed Project is located within a TAZ that has a VMT/employee that is less than the County average. **Appendix A** contains an excerpt of the County of Riverside VMT Screening Tool for the project site and as shown, the Project TAZ VMT/employee is **12.1 VMT per**

*employee*, which is less than the County average VMT/employee of **14.2 VMT per employee**. Therefore, this project will screen out from a VMT analysis and be presumed to have a less than significant impact on VMT.

## CONCLUSION

Based on the County of Riverside Screening Criteria for Development Projects and the County of Riverside VMT Screening Tool, the proposed Project will screen out from a VMT analysis and be presumed to have a less than significant impact on VMT.

\* \* \* \* \*

We appreciate the opportunity to provide this Technical Memorandum. Should you have any questions regarding the memorandum, please contact us at (949) 825-6175.

Cc: File





n:\4300\2204311 - temple campus facility project, county of riverside\dwg\4311 f-1.dwg LDP 15:00:42 09-15-2020 tucker

SOURCE: GOOGLE

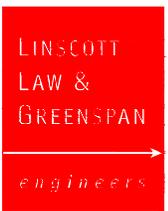
KEY

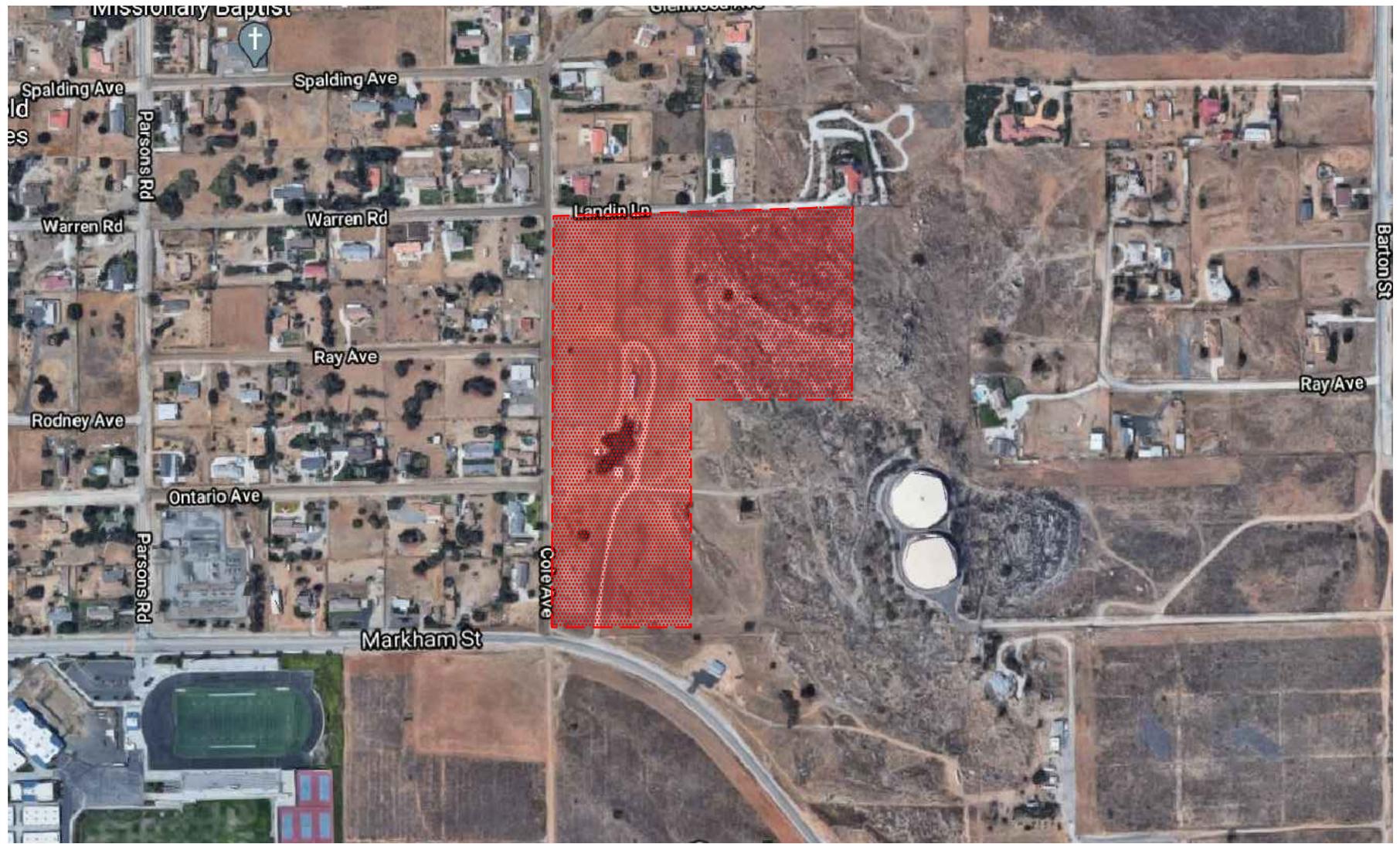
 = PROJECT SITE

FIGURE 1

VICINITY MAP

TEMPLE CAMPUS FACILITY PROJECT, COUNTY OF RIVERSIDE





n:\4300\2204311 - temple campus facility project, county of riverside\dwg\4311 f-2.dwg LDP 15:00:00 09-15-2020 tucker

LINSCOTT  
LAW &  
GREENSPAN  
engineers



NO SCALE

SOURCE: GOOGLE

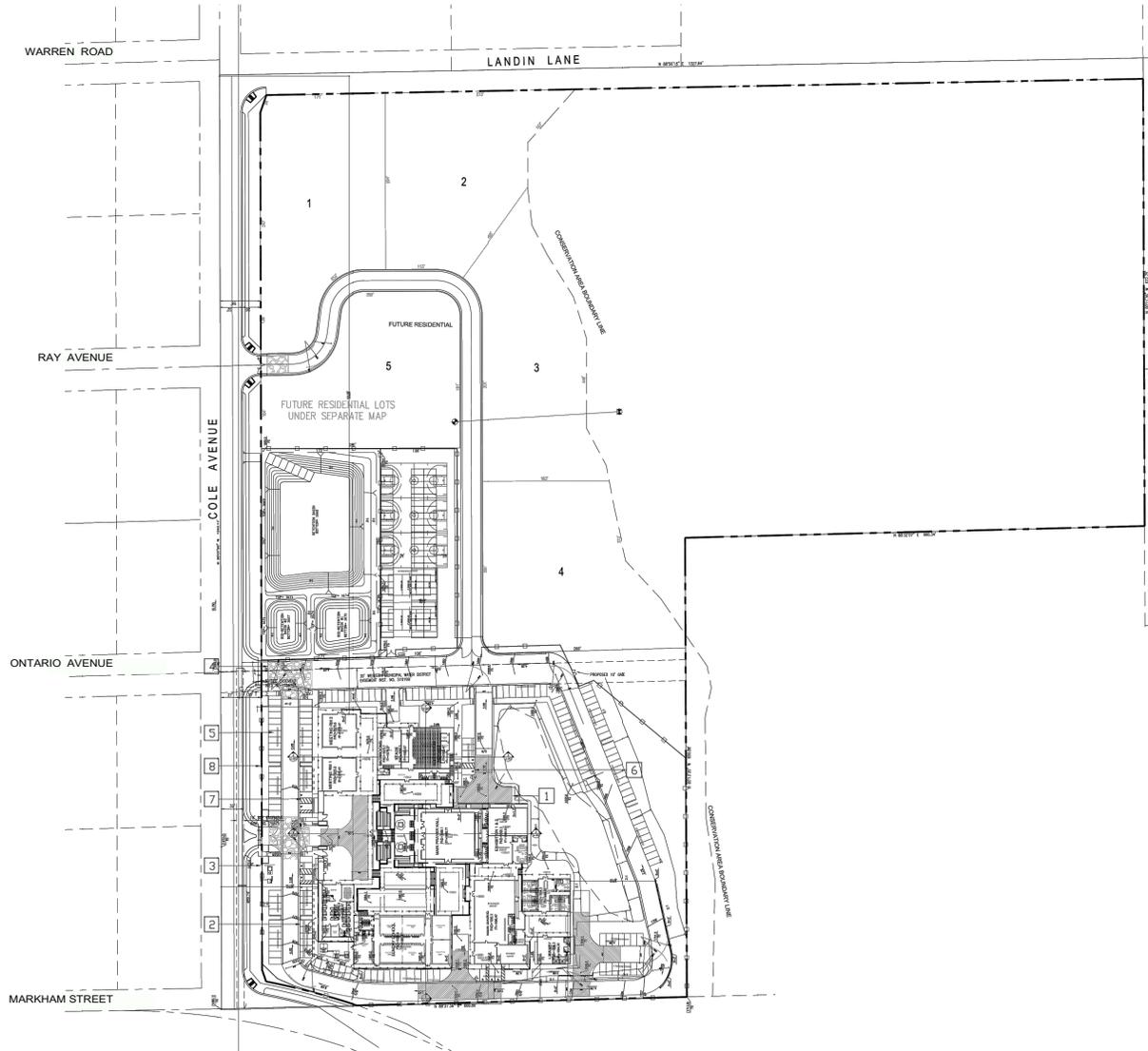
KEY

 = PROJECT SITE

## FIGURE 2

**EXISTING SITE AERIAL**

TEMPLE CAMPUS FACILITY PROJECT, COUNTY OF RIVERSIDE



n:\4300\2204311 - temple campus facility project, county of riverside\dwg\4311 f-3.dwg LDP 15:07:47 05-27-2021 tucker

SOURCE: CREATIVE DESIGN ASSOCIATES, INC.

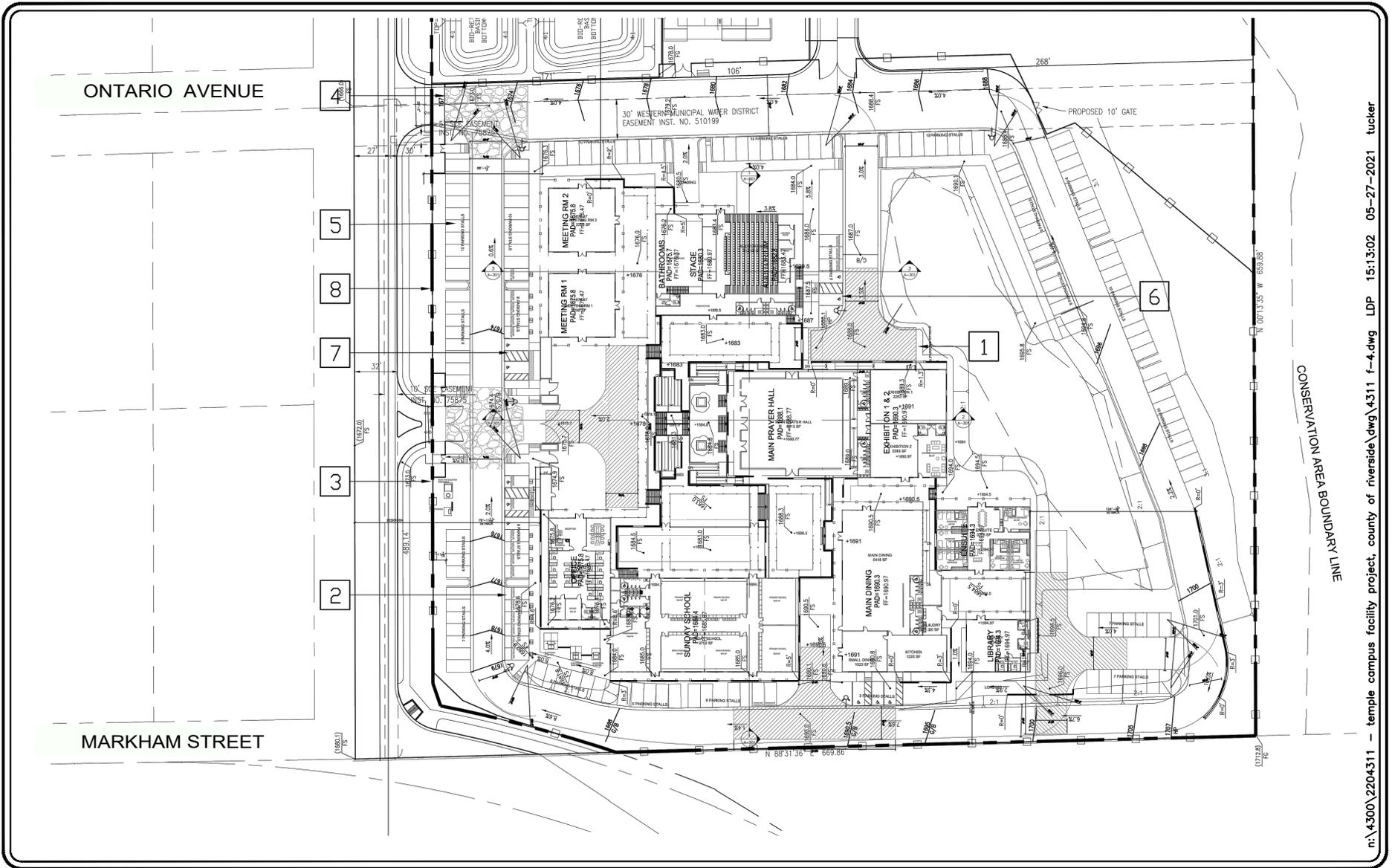
# FIGURE 3

## PROPOSED OVERALL SITE PLAN

TEMPLE CAMPUS FACILITY PROJECT, COUNTY OF RIVERSIDE



 NO SCALE



n:\4300\2204311 - temple campus facility project, county of riverside\dwg\4311 f-4.dwg LDP 15:13:02 05-27-2021 tucker

SOURCE: CREATIVE DESIGN ASSOCIATES, INC.

# FIGURE 4

## PROPOSED TEMPLE CAMPUS SITE PLAN TEMPLE CAMPUS FACILITY PROJECT, COUNTY OF RIVERSIDE

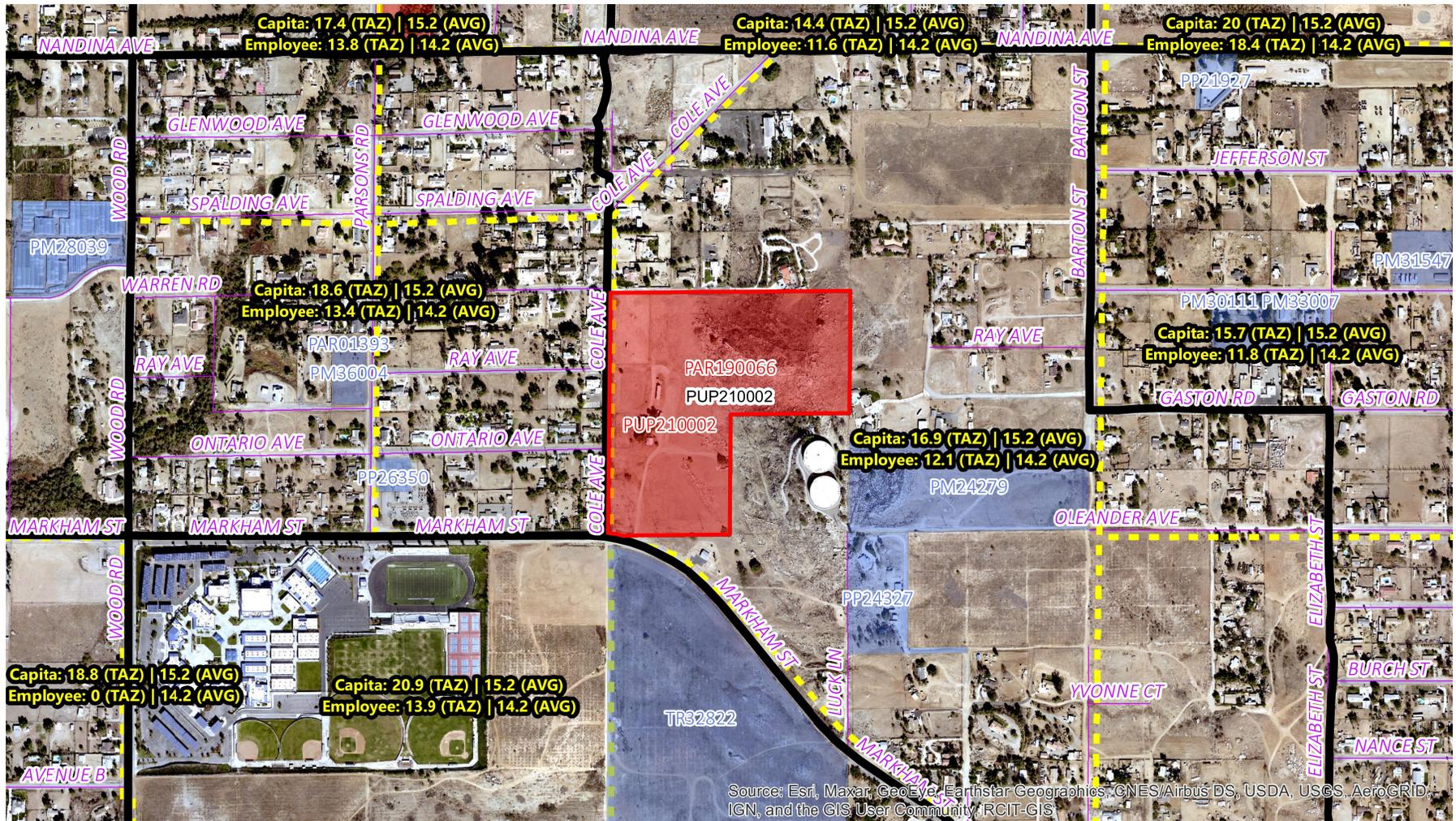
LINSCOTT  
LAW &  
GREENSPAN  
engineers



NO SCALE

## APPENDIX A

### COUNTY OF RIVERSIDE VMT SCREENING TOOL



n:\4300\2204311 - temple campus facility project, county of riverside.dwg\4311 fa-1.dwg LDP 10:26:21 03-26-2021 tucker

SOURCE: COUNTY OF RIVERSIDE

# FIGURE A-1

COUNTY OF RIVERSIDE VMT SCREENING TOOL –  
 TEMPLE CAMPUS FACILITY PROJECT SITE  
 TEMPLE CAMPUS FACILITY PROJECT, COUNTY OF RIVERSIDE

LINSCOTT  
 LAW &  
 GREENSPAN  
 engineers

NO SCALE