Sunnyvale

Evaluation of Wi-Fi Installation at Corn Palace Park, Lakewood Park and Plaza del Sol Projects



Chip Taylor, Director of Public Works
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City Council Direction

Background

- In February 2018, Council directed staff to evaluate installation of Wi-Fi at parks as part of major park renovation projects.
- Wi-Fi installation costs are not included in any park renovation budgets.
- If Wi-Fi is added now, one-time capital costs for construction and ongoing operating costs for service and maintenance would be needed.

Corn Palace Park Concept Plan

- 2-acre mini park
- Adjacent to Lawrence Expressway and single-family homes
- Construction budget: $4.3 million



Corn Palace Park Blanket Wi-Fi Coverage Option

- Four Wireless Access Points (WAP)
- One-time installation cost: $242,000
- Annual cost: $35,000
- Wi-Fi not recommended



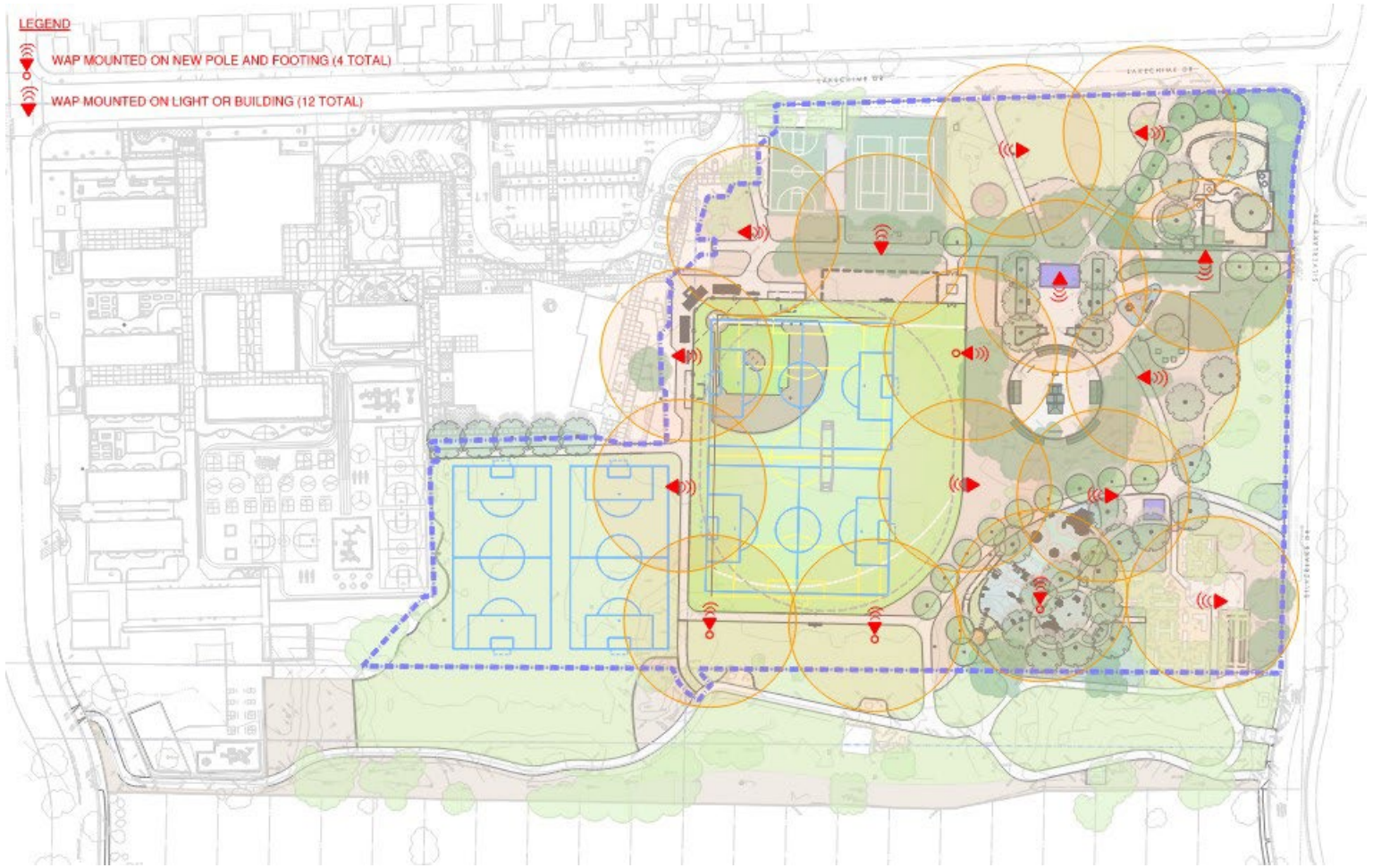
Lakewood Park Concept Plan

- Approximately 11-acre community park
- Adjacent to planned Lakewood Branch Library and single-family homes
- Construction budget: $14.5 million



Lakewood Park Blanket Wi-Fi Coverage Option

- Full blanket coverage - 16 WAPs
- One-time installation cost: $521,000
- Annual cost: $57,000
- This option is not recommended



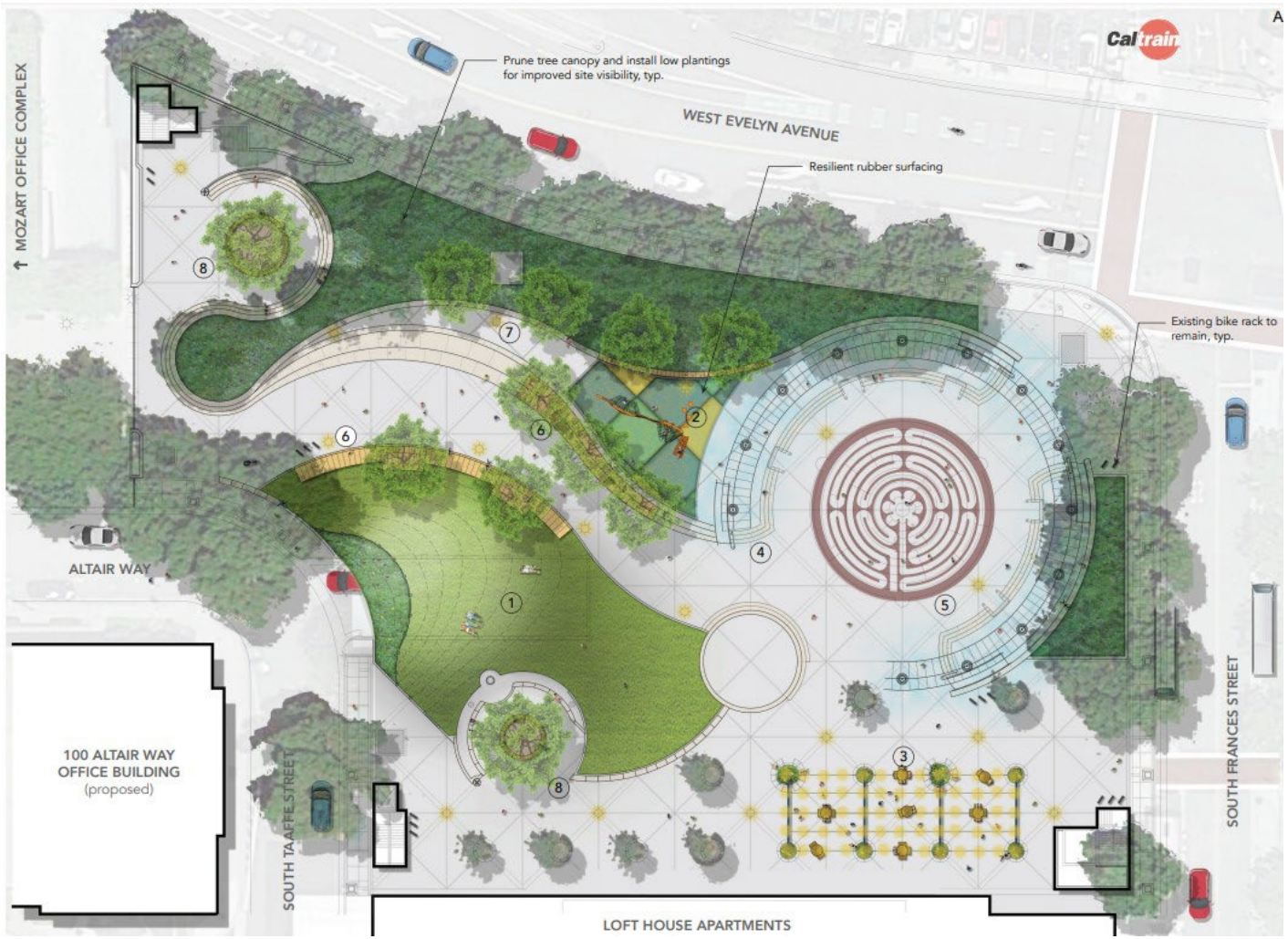
Lakewood Park Common Area Wi-Fi Coverage Option

- Common area coverage - 7 WAPs
  - Picnic areas
  - Playgrounds
  - Skatepark
  - Dog park
  - Splash pad
- One-time installation cost: $315,000
- Annual cost: $43,000
- Wi-Fi recommended



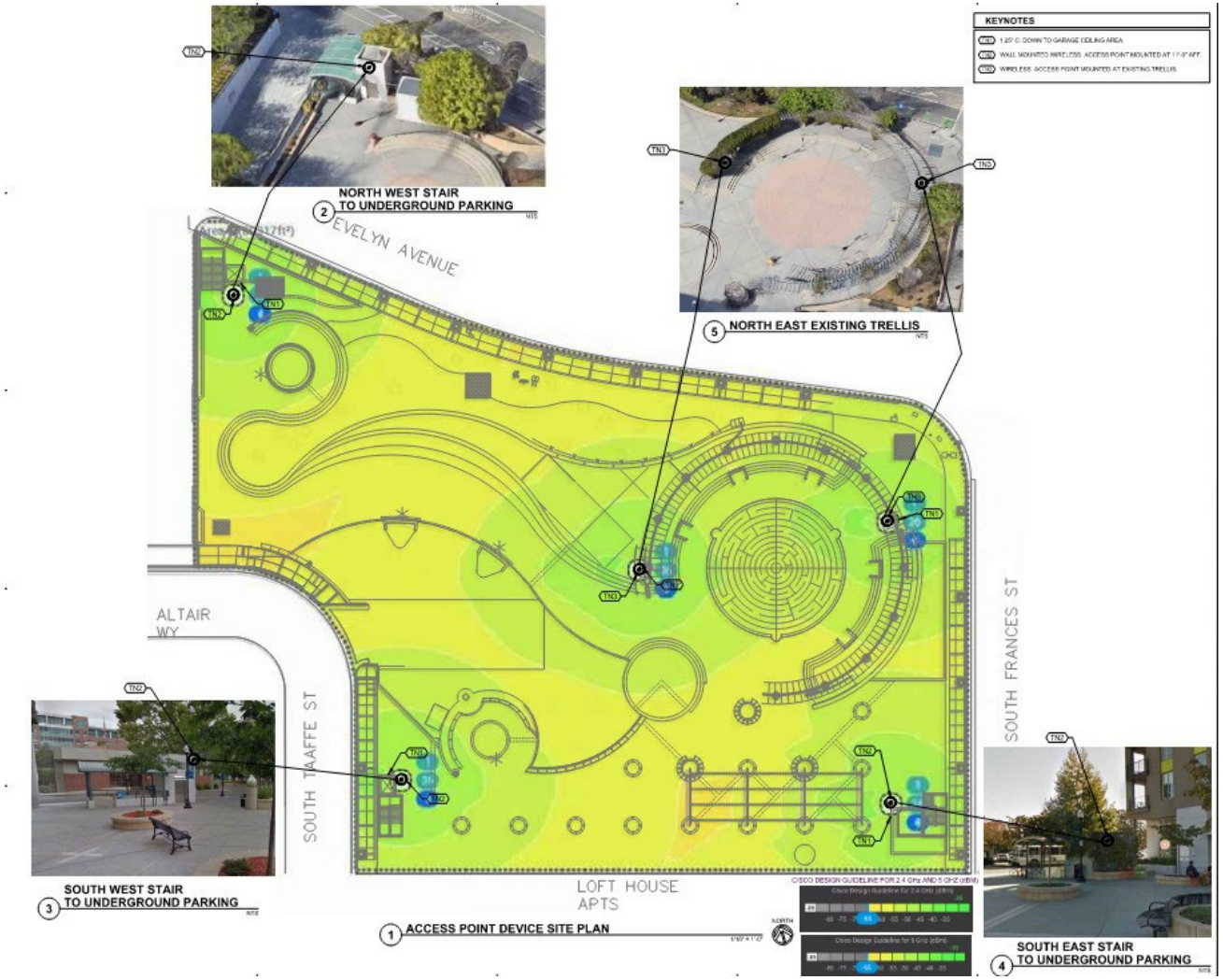
Plaza del Sol Concept Plan

- Approximately 1.6-acre urban plaza. Only City-owned park in downtown area.
- Adjacent to commercial and residential developments and Murphy Station District
- Construction budget: $2.0 million



Plaza del Sol Blanket Wi-Fi Coverage Option

- Blanket area coverage - 5 WAPs
- One-time installation cost: $380,000
- Annual cost: $36,000
- Wi-Fi recommended



Wi-Fi Installation and Ongoing Cost Summary

Wi-Fi Options	One-Time Installation Costs	Ongoing Annual Costs FY 25/26
Corn Palace – Blanket Area Coverage (not recommended)	$242,000	$35,000
Lakewood Park – Blanket Area Coverage (not recommended)	$521,000	$57,000
Lakewood Park – Common Area Coverage	**$315,000**	**$43,000**
Plaza del Sol – Blanket Area Coverage	**$380,000**	**$36,000**

Park Schedule

Corn Palace Park	Project start: Summer 2024	Project completion: End of 2024
Lakewood Park	Project start: Winter 2024	Project completion: Summer 2026
Plaza del Sol	Project start: Summer 2024	Project completion: End of 2025



Alternatives

Alternative 1: Approve installation of Wi-Fi in the common areas of Lakewood Park and blanket coverage for Plaza del Sol, do not approve installation of Wi-Fi at the Corn Palace Park Development Project, and direct staff to include the ongoing annual costs in the FY 2025/26 Adopted Budget.

Alternative 2: Approve installation of Wi-Fi at the Lakewood Park Renovation Project, the Plaza del Sol Project and the Corn Palace Park Development Project, and direct staff to include the ongoing annual costs in the FY 2025/26 Adopted Budget.

Alternative 3: Do not approve Wi-Fi at the Lakewood Park Renovation Project, the Plaza del Sol Project, or the Corn Palace Park Development Project.

Alternative 4: Provide other direction to staff as Council deems appropriate.

Staff Recommendation

Alternative 1: Approve installation of Wi-Fi in the common areas of Lakewood Park and blanket coverage for Plaza del Sol, do not approve installation of Wi-Fi at the Corn Palace Park Development Project, and direct staff to include the ongoing annual costs in the FY 2025/26 Adopted Budget.