



CIP Project Information Sheet

Project Name: Adaptive Traffic Signal Control - Downtown

Project Status: Existing

Functional Area(s): Transportation

Relevant Plan(s): Transportation Master Plan

Neighborhood: Downtown

Time Frame: 2024-2026

Budget Priority: Vibrant and Connected

Citywide Rank:

Functional Area Priority Medium

Location: Multiple intersections along Redmond Way

Description:

Install adaptive traffic signal control system, capable of adjusting signal timings and operations in real-time.

Anticipated Outcomes: *Primary:* Upgrade/Enhancement *Secondary:*

Reduce or maintain travel times on key corridors by responding to real-time traffic demands instead of relying on historic traffic volume. Make traffic data available for performance measures and improved traffic management.

Request: *Primary Reason(s):*

Project approved in the 2023-2028 CIP budget process.

| Budget: | Prior | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | Future | Total |
|--------------------------------|------------------|---------------------|-------------------|------------------|-----------------|------|------|--------|--------------------|
| Original Budget | \$79,779 | | \$547,099 | \$300,615 | \$72,508 | | | | \$1,000,000 |
| Approved Changes | | | | | | | | | |
| Current Approved Budget | \$79,779 | | \$547,099 | \$300,615 | \$72,508 | | | | \$1,000,000 |
| Proposed New Budget | \$79,779 | | \$547,099 | \$300,615 | \$72,508 | | | | \$1,000,000 |
| Proposed changes due to | ___ Scope Change | ___ Schedule Change | ___ Budget Change | | | | | | |

| Project Phasing: | Prior | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | Future | Total |
|----------------------------|-----------------|------|------------------|------------------|-----------------|------|------|--------|--------------------|
| Preliminary Design (0-30%) | \$79,779 | | | | | | | | \$79,779 |
| Right of Way | | | | | | | | | |
| Design (31-100%) | | | \$67,251 | | | | | | \$67,251 |
| Construction | | | \$436,225 | \$273,286 | \$65,916 | | | | \$775,427 |
| Contingency | | | \$43,623 | \$27,329 | \$6,592 | | | | \$77,543 |
| Total | \$79,779 | | \$547,099 | \$300,615 | \$72,508 | | | | \$1,000,000 |

| Estimated M&O Impacts: | Prior | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | Future | Total |
|------------------------|-------|------|------|------|------|----------|----------|---------|----------|
| Cost | | | | | | \$40,000 | \$40,000 | ongoing | \$80,000 |

Explanation: Software license fee and equipment management and replacement.

| Proposed Funding Sources: | Prior | 2023-2028 | Future | Total |
|---------------------------|-----------------|------------------|--------|--------------------|
| Business Tax | \$79,779 | \$920,221 | | \$1,000,000 |
| Total | \$79,779 | \$920,221 | | \$1,000,000 |

