



AR-2 Award of Contract for the 2023 Comprehensive Street Improvement Project





Background

- The City's Street Network represents 16.98 million square feet of paved roadway
- Maintenance is managed through a Pavement Management Program, that includes
 - Pavement Condition Index (PCI) Survey
 - Utilization of multiple maintenance treatment for street segments
 - Recommendations for Capital Improvements and Maintenance





Monrovia Renewal

- PCI rated on a scale of 0 to 100

Condition	PCI Range	Description
Very Good	86-100	Minor to low distress, no significant distress; Low severity distresses with expectation of utility patches in good condition or slight hairline cracks; minor weathering found
Good	75-85	Slight to moderately weathered, low to moderate distress severities, utility patching commonly found; moderate distress extents
Fair	60-74	Severely weathered or moderate levels of distress, generally limited to utility patching and climate related distress
Poor	41-59	Moderate to high distresses including load related types such as alligator cracking, greater distress extents
Very Poor	0-40	Severely distresses, large quantities of distortion or alligator cracking; Failure of the pavement, distress has surpassed tolerable rehabilitation limits

- 2014 – Prior to Monrovia Renewal, Citywide PCI was 57.1, “Poor”
- 2019 – Citywide PCI increased to 87.5, “Very Good”
- 2024 – Citywide PCI update



Pavement Maintenance Activities

- Pavement maintenance activities increase PCI
- Activities include:
 - Slurry Seal - Addition of aggregate and asphalt emulsion to an existing asphalt surface to create a new wearing surface. Appropriate for streets rated “Fair”
 - Grind & Overlay - Removes approximately 2” of the existing pavement section and replaces it with new asphalt paving. Appropriate for streets rated “Poor” or “Very Poor”
 - Reconstruction - Removes the complete pavement section and portions of the subgrade. The subgrade is compacted and graded and pavement is replaced with a new section, approximately 4”. Appropriate for streets that have reached “End of Life”



2023 Comprehensive Street Improvement Project

- Scope of work includes:
 - Roadway improvement to over 1.07 million square feet of paved roadway
 - In comparison, a typical Monrovia Renewal section included on average about 2 million square feet and over 10 million for the entire project
 - Rehabilitation of Parking Lots 7 & 8, directly south of Monrovia Public Library
 - Water system improvements, including over 4,000 linear feet of water pipeline
 - Sewer maintenance and repairs, including cleaning over 17,000 linear feet of sewer pipeline, relining 61 linear feet of pipeline, and replacement of 72 linear feet of sewer pipeline
 - Concrete replacements including over 4,566 square feet of sidewalks and driveway approaches



Roadway Improvements



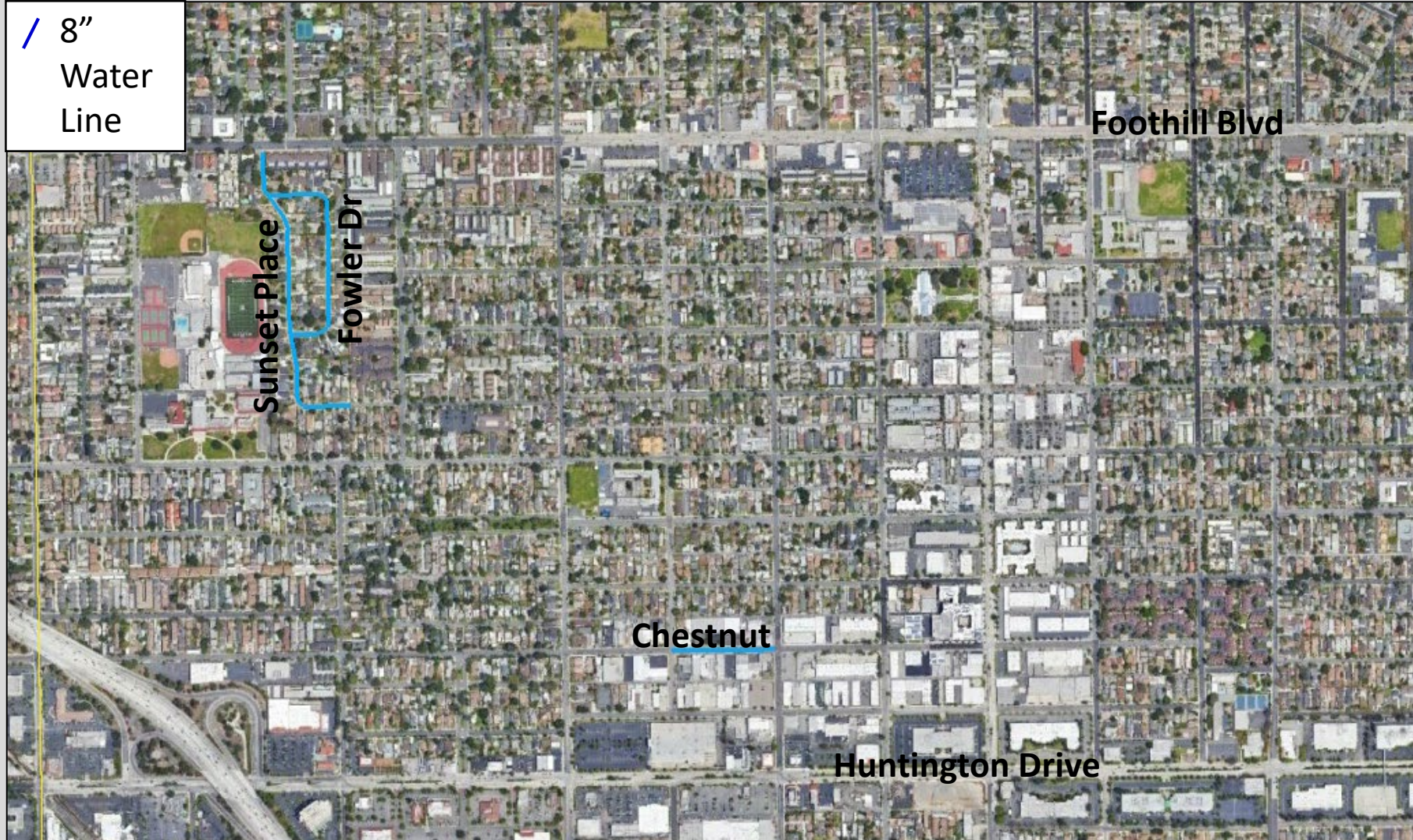


Parking Lot # 7 and # 8 Rehabilitation





Water Improvements





Sewer Improvements





Project Budget

- Staff requests a total of \$6,042,206.06, including:

Construction Contract	\$ 4,887,697.58
Construction Contingency	+ \$ 668,769.76
Construction Subtotal	\$ 5,556,467.34
Construction Management	+ \$ 485,738.30
Total Budget	\$ 6,042,206.06



Schedule and Next Steps

- Staff recommends the award of contract to Palp Inc., dba Excel Paving
 - Significant experience with both roadway projects and waterline improvement projects both with City of Monrovia and other local agencies throughout Southern California
- The project has specified approximately 120 working days from the Notice to Proceed to complete the project
- Schedule Pre-Construction meeting with Excel Paving and review project schedule.
- Update to MOTAB on construction activities related to Parking Lot 7 and 8





Additional Street Maintenance Capital Projects

- Phase I of Mountain Avenue at 90% completion
- Phase II of Mountain Avenue design to be complete by Q1 2024
 - Construction anticipated by Q3 or Q4 of 2024
- Foothill Boulevard Striping Project to be complete by Q2 2024
- Huntington Drive and 5th Ave Project – Out to bid by Q4 2023
 - Includes new traffic signals at Foothill/Sunset and Foothill/California
- Huntington Drive Phase II – Request for Authorization (Construction) submit to Caltrans by Q1 of 2024





Additional Street Maintenance Capital Projects

- Oakglade Drive K-Rail Removal – Completed
- Oakglade Drive Repaving to be complete by Q2 of 2024
- Peck Road design to be completed by Q2 of 2024
 - California Ave repave Myrtle to City limits





Questions?

MONROVIA

A stylized illustration of a mountain range with snow-capped peaks and evergreen trees at the base, positioned behind the word "MONROVIA".