



CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL

AGENDA ITEM

Report: Plans and Specification for the Fiscal Year 2023 Slurry Seal and Crack Seal Program

- 1) Resolution adopting the Plans and Specification for the Fiscal Year 2023 Slurry Seal and Crack Seal Program, Specification No. 3929, Plan Nos. 1-3098, 3-1586, 49-256; and directing the City Clerk to advertise for bids.

COUNCIL ACTION

Item Type: Consent Calendar

Approved for March 28, 2023 **calendar**

EXECUTIVE SUMMARY

Plans and specifications have been completed for the Fiscal Year 2023 Slurry Seal and Crack Seal Program, and ready to adopt the project plans and specification and advertise for bids.

COUNCIL PRIORITIES

Infrastructure: This project will significantly improve the condition of roadway pavement and sidewalks in the City's Maintenance Districts 1,2, 3, 4,5, 6, and 12.

Mobility/Connectivity/Safety: This project will replace damaged sidewalks and modify existing curb ramps to comply with the latest ADA requirements. This will significantly improve pedestrian access and safety in the project neighborhood.

RECOMMENDATION

Approve the resolution adopting the Plans and Specification for the Fiscal Year 2023 Slurry Seal and Crack Seal Program, and direct the City Clerk to advertise for bids.

BACKGROUND

As part of the Public Works Department ongoing efforts to improve the condition of the City's roadways, the plans and specification have been prepared for the Fiscal Year 2023 Slurry Seal and Crack Seal Program.

Slurry Sealing is a low-cost roadway maintenance strategy, which prolongs the service life of the pavement, prevents further deterioration, and extends the life of the existing pavement. Slurry Seal typically consists of cold mixed asphalt treatment that creates a hard-wearing surface. Pavement cracks are sealed prior to placement of this treatment to further prevent water intrusion. This method is used for sealing aged and cracked pavements and restoring skid resistance and wearing surfaces.

Crack Sealing is a method used to repair, seal, and fill cracks in the pavement surface. It includes cleaning cracks with pressurized air and filling with hot asphaltic material. This method can be used for cracks up to two inches wide. This is a low-cost maintenance strategy, which prolongs the service life of the street, prevents further deterioration of the street, and extends the life of the existing pavement.

Project Location

The following citywide locations will receive a Slurry Seal Treatment for a total of 6.8 roadway centerline miles:

- West Elk Avenue between South Central Avenue and South Brand Boulevard;
- South Louise Street between East Windsor Road and East Maple Street;
- Magnolia Avenue between South Central Avenue and South Brand Boulevard;
- East Windsor Road between Glendale Avenue and Easterly Terminus;
- East Garfield Avenue between South Verdugo Road and Easterly Terminus;
- Roads End Street between Glendale Avenue and Colby Drive;
- Heminger Street between Glendale Avenue and Colby Drive;
- Crescent Drive between South Adams Street and Cornell Drive;
- Cornell Drive between Crescent Drive and South Adams Street;
- Columbia Drive between Cornell Drive and South Adams Street;
- Cambridge Drive between Cornell Drive and Dartmouth Drive;

- Dartmouth Drive between Cornell Drive and South Adams Street;
- Wellesley Drive between Dartmouth Drive and Columbia Drive;
- Vincent Way between South Adams Street and Easterly Terminus;
- Romulus Drive between Tyler Street and City Limit;
- Tyler Street between Green Street and East Chevy Chase Drive;
- Vista Superba Drive between Corona Drive and Southerly Terminus;
- Scofield Drive between South Adams Street and Princeton Drive;
- Yale Drive between South Adams Street and Scofield Drive;
- Princeton Drive between South Adams Street and Marion Drive;
- Berkeley Drive between South Adams Street and Princeton Drive;
- Stanford Drive between South Adams Street and Berkeley Drive;
- Vanderbilt Place between Stanford Drive and Marion Drive;
- Marion Drive between City Limit and Green Street;
- Marion Drive between East Palmer Drive and Romulus Drive;
- Oberlin Drive between Romulus Drive and Marion Drive;
- Scenic Drive between Marion Drive and Easterly Terminus;
- Corona Drive between Scenic Drive and Vista Superba Drive;
- East Palmer Drive between Oberlin Drive and City Limit;
- Park Avenue between South Adams Street and Marion Drive; and
- Loma Crest Street between Marion Drive and Northerly Terminus.

The following citywide locations will receive a Crack Seal Treatment for a total of 11.1 roadway centerline miles:

- Alley 17 between San Fernando Road and West Windsor Road;
- Alley 79 between Mira Loma Avenue and Gardena Avenue;
- Alley 170 between Wabasso Way and Camulos Avenue;
- Campus Street between East Colorado Street and East Orange Grove Avenue;
- Paraiso Way between Boston Avenue and Easterly Terminus;
- Henrietta Avenue between Dunsmore Avenue and Frederick Avenue;
- Altura Avenue between Lowell Avenue and Boston Avenue;
- Lirio Lane between Altura Avenue and Altura Avenue;
- Fairmont Avenue between New York Avenue and Pontiac Street;
- Community Avenue between Dunsmore Avenue and New York Avenue;
- Encinal Avenue between Boston Avenue and Lauderdale Avenue;
- Beth Place between Encinal Avenue and Altura Avenue;
- Altura Avenue between Lauderdale Avenue and Maryland Avenue;
- Montrose Avenue between Boston Avenue and Lauderdale Avenue;
- Poynette Street between Dunsmore Avenue and Easterly Terminus;
- Willalle Avenue between Honolulu Avenue and Poynette Street;
- Mills Avenue between New York Avenue and Pennsylvania Avenue;
- Park Vista Drive between Pennsylvania Avenue and Northerly Terminus;
- Park Vista Drive between Park Vista Drive and Southerly Terminus;
- El Lado Drive between Whiting Woods Road and Westerly Terminus;

- Pinewood Lane between Ramsdell Avenue and Westerly Terminus;
- Manhattan Avenue between Cloud Avenue and Ramsdell Avenue;
- El Lado Road between Mesa Lila Road and Easterly Terminus Drive;
- Sycamore Avenue between Cloud Avenue and La Crescenta Avenue;
- Piedmont Avenue between La Crescenta and Manhattan Avenue;
- Hermosa Avenue between Ramsdell Avenue and City Limit
- Invale Drive between Glenwood Avenue and La Crescenta Avenue;
- Malafia Drive between Shirlyjean Street and Urquidez Avenue;
- Dora Verdugo Drive between Beaudry Boulevard and Northerly Terminus;
- Arlington Avenue between Las Palmas Avenue and Downing Avenue;
- Valderas Drive between Clifton Place and Easterly Terminus;
- Vickers Drive between Glencoe Way and Hidden Rancho Place;
- Oak Valley Road between Vickers Drive and Sierra Glen Road;
- Stancrest Frontage Road between Stancrest Drive and Southerly Terminus;
- Eastgate Place between Fern Lane and Southerly Terminus;
- Brook Lane between North Verdugo Road and Westerly Terminus;
- Risa Drive between Calafia Street and Bara Road;
- Calafia Street between Carrie Lane and Southerly Terminus;
- Rosita Drive between Wabasso Way and North Verdugo Road;
- Wabasso Way between Rosita Drive and North Verdugo Road;
- Hillside Drive between North Verdugo Road and Westerly Terminus;
- Loma Vista Drive between Sherer Lane and Northerly Terminus;
- Hiawatha Drive between Canada Boulevard and Easterly Terminus;
- Arundle Place between Edgewick Road and Northerly Terminus;
- Golf Club Drive between Edgewick Road and Edmonton Road;
- Glen Avenue between Luring Drive and Southerly Terminus;
- Luring Drive between Glen Avenue and Gladys Drive;
- Gladys Drive between Luring Drive and Northerly Terminus;
- La Loma Road between East Chevy Chase Drive and Woodbury Road;
- Solway Street between East Chevy Chase Drive and Easterly Terminus;
- Glenmore Boulevard between East Chevy Chase Drive and Herbert Avenue;
- Corwin Avenue between Atkins Drive and East Chevy Chase Drive;
- Perkins Circle between Haverkamp Drive and Westerly Terminus;
- Haverkamp Drive between Hollister Terrace and Northerly Terminus;
- Hollister Terrace between Ashburton Place and Northerly Terminus;
- Del Court Place between Hollister Terrace and Northerly Terminus;
- Gardner Place between Hollister Terrace and Pennerton Drive;
- Pennerton Drive between Gardner Place and Northerly Terminus;
- Suncourt Terrace between Gardner Place and Westerly Terminus;
- Gardner lane between Edwards Place and Westerly Terminus;
- Edwards Place between Gardner Place and Hollister Terrace; and
- Valle Vista Drive between Sleepy Hollow Place and Northerly Terminus.

Project Scope of Work

- Application of approximately 11.1 centerline miles of crack sealing material;
- Application of approximately 6.8 centerline miles of crack sealing material and emulsion aggregate slurry (Slurry Seal) Type II;
- Selective removal, repair, and reconstruction of approximately 2,100 linear feet of damaged curbs and gutters, and 19,500 square feet of sidewalks, driveways, cross gutters, alley aprons, and street pavement;
- Modification of approximately 56 existing curb ramps to meet current ADA standards;
- Adjustment of existing manholes and water meters to finished grade;
- Removal and replacement of existing traffic striping and pavement markings;
- Removal and replacement of 440 linear feet of sanitary sewer main line; and
- Planting of 94 new street trees.

Sanitary Sewer Improvements

Public Works cleaned and inspected the City's wastewater infrastructure within the project area and reported observed deficiencies, damages, and needed repairs. During the project design, staff evaluated the damages and existing conditions and prepared the plans and specifications for these sewer repairs.

Sanitary sewer improvements as part of this project include repairs to the existing sewer infrastructures that are broken, damaged, and/or pose maintenance issues. Point repairs consist of the removal of the surface pavement, excavation to the depth below the existing sewer pipe, performing a temporary sewer bypass, replacing broken or damaged portion of sewer pipe with in-kind pipe size and material, trench backfill, and finally, trench resurfacing. This work is performed on the damaged portion of the sewer main line which cannot be repaired using trenchless methods.

Tree Plantings

A total of 94 new street trees will be planted in vacant locations to infill the street canopy and expand the urban forest as part of this project on the following streets:

- 10 trees on Crescent Drive between Adams Street and Cornell Drive;
- 6 trees on Magnolia Avenue between Central Avenue and Brand Boulevard;
- 7 trees on Palmer Avenue between Marion Drive and Oberlin Drive;
- 4 trees on Park Avenue between Adams Street and Marion Drive;
- 17 trees on Romulus Drive between Tyler Street and Easterly Terminus;
- 9 trees on Scofield Drive between Adams Street and Yale Drive;
- 7 trees on Tyler Street between Acacia Avenue and Green Street; and,
- 34 trees on Windsor Road between Chevy Chase Drive and Easterly Terminus.

ANALYSIS

To ensure competitive bids, the City will advertise the project on multiple plan holders' web sites who publish requests for bids for projects and distribute the information to their extensive network of consultant, contractor, and construction industry contacts.

The project will also be advertised in a local newspaper, the Glendale Independent, prior to bid opening, as well as on Bidnet, which is a web enabled data service to the public sector, for the dissemination of the building and construction project bids to their large number of member contractors and consultants.

Finally, the project bidding documents will also be posted on the City's website.

The construction of this project is anticipated to begin in July 2023 and scheduled for completion by November 2023, barring any unforeseen conditions.

STAKEHOLDERS/OUTREACH

Approximately 12,250 notifications were sent to property owners and occupants along the project limits notifying them of the in-person and virtual community meeting on March 14, 2023, at 6:00 p.m. The in-person community meeting was held at the City Hall Council Chambers and was also broadcasted on the City's YouTube channel. During the meeting, the public was informed of the project details, construction schedule, future City and contractor notifications, and the impacts of the construction work in their neighborhood. Participants also had the opportunity to phone in and provide their comments and/or ask questions regarding the project.

Furthermore, outreach on this project continues to occur through a dedicated website for the project. The website page introduces the public to the project and to the project team, explains the scope of work and project locations, and provides the public with staff contact information for questions, discussion and/or input.

FISCAL IMPACT

There is no fiscal impact associated with this report. The engineer's estimate for the construction of this project is between \$3,500,000 and \$3,800,000. Funding for this project has been budgeted from the Measure S CIP Fund (4011), State Gas Tax Fund (4020), and Sewer Fund (5250).

ENVIRONMENTAL REVIEW

The Project is categorically exempt from environmental review because of CEQA Guidelines §§ 15301.

Moreover, conventional AC is composed of aggregate and emulsified liquid asphalt. The aggregate is allowed to contain up to 20 percent recycled AC, which extends the life of both landfills and quarries. Finally, as part of this project, up to 364 tons of asphalt concrete will be diverted from the landfills and used in the roadway structures.

CAMPAIGN DISCLOSURE

Not Applicable

ALTERNATIVES

- Alternative 1: Adopt the Plans and Specification for the Fiscal Year 2023 Slurry Seal and Crack Seal Program and direct the City Clerk to advertise for bids.
- Alternative 2: Do not authorize issuance of the Plans and Specification for the Fiscal Year 2023 Slurry Seal and Crack Seal Program. Doing so, however, will not improve the condition of the city streets, sewer systems, and pedestrian safety.
- Alternative 3: The City Council may consider any other alternative not proposed by staff.

ADMINISTRATIVE ACTION

Prepared by:

Rustom Tavitian, P.E., Civil Engineer I

Approved by:

Roubik R. Golanian, P.E., City Manager

EXHIBITS/ATTACHMENTS

Exhibit 1: Project Location Map

