



# Fiscal Year 2020-21 Street Resurfacing and Sewer Repair Project

Virtual Community Meeting, February 4, 2021

Link: <https://youtu.be/3wH5ErZ3AF8>

Project Advertisement Date: February 16, 2021

# Fiscal Year 2020-21 Street Resurfacing and Sewer Repair Project

## ANTICIPATED

### CONSTRUCTION START DATE:

***May 2021***

## ANTICIPATED

### CONSTRUCTION END DATE:

***October 2021***

*barring any unforeseen conditions*

## MEETING AGENDA

Project Purpose/Scope and Locations

Construction Phasing

Major Improvement Details

Project Impacts and Mitigation

Public Notification

Questions / Comments



# Project Purpose/Scope

- Selective removal/reconstruction/surface grinding of deteriorated pavement and placement of asphalt concrete pavement;
- Surface grinding and placement of Asphalt Rubber Hot Mix (ARHM) over Asphalt Concrete Pavement (Leveling Course);
- Application of crack sealing material and emulsion aggregate slurry (Slurry Seal Type II);
- Selective removal and repair of broken and damaged sidewalk, curb, curb and gutter, cross gutters, alley aprons;
- Modification and reconstruction of existing ramps to meet the current ADA standards;

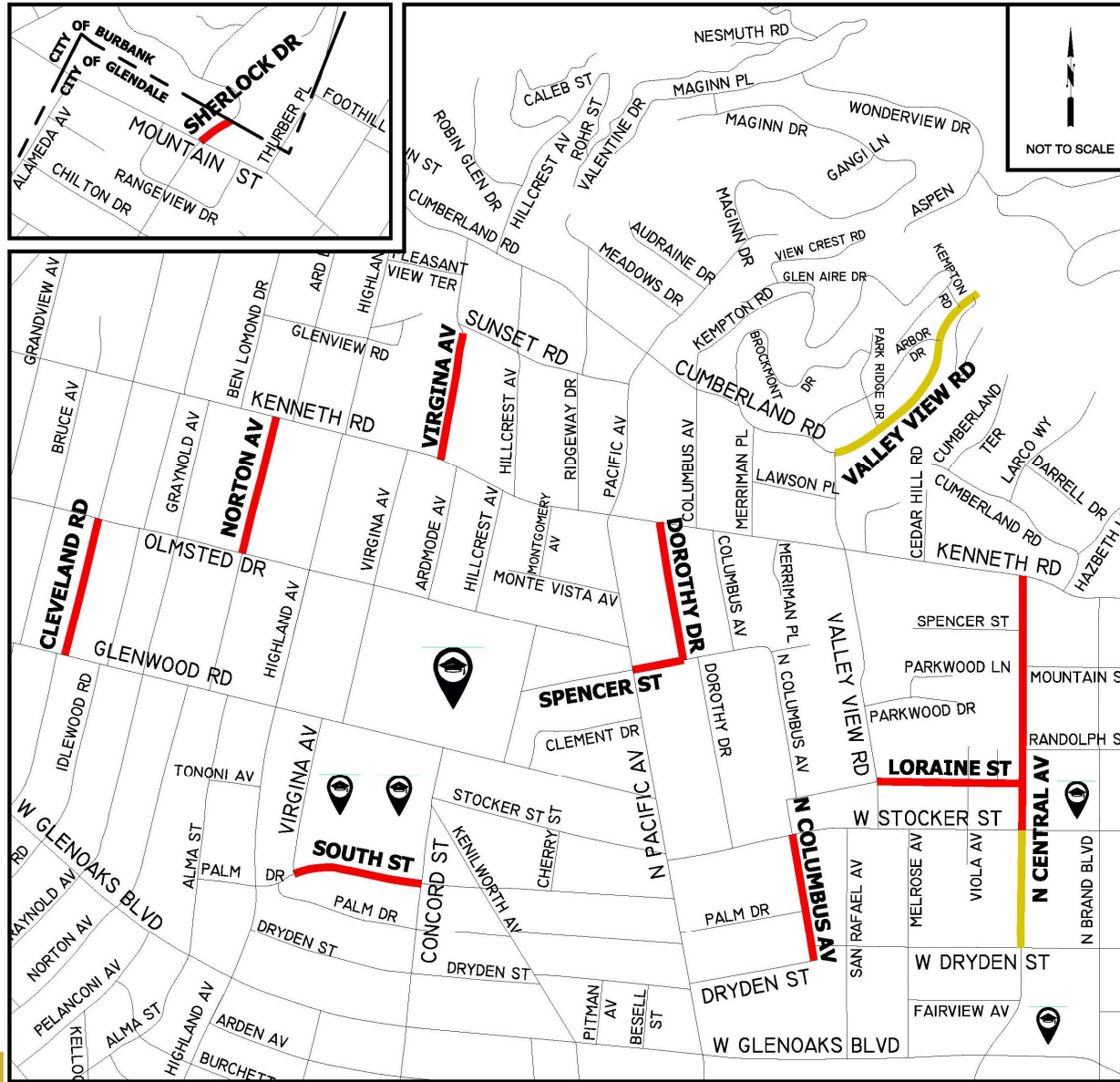


# Project Purpose/Scope

- Removal and planting of new trees and pruning of tree roots per professional arborist's recommendations;
- Adjustment of existing manholes and water meters to finished grade;
- Removal and replacement of existing traffic striping and installation of new striping;
- Sanitary sewer point repairs and lining at various locations throughout the City.



# Project Location



## LEGEND

- STREET RESURFACING
- SLURRY SEAL
-  SCHOOL
- CITY LIMITS



# Resourceful Facts

- R&R – Remove and Reconstruct
- AC – Asphalt Concrete
- PCC – Portland Cement Concrete
- ARHM – Asphalt Rubber Hot Mix
- ARAM – Asphalt Rubber Aggregate Membrane
- ADA – Americans with Disabilities Act
- GWP – Glendale Water and Power





# Construction Phasing

- Phase 1: Concrete Work
- Phase 2: Asphalt Concrete Removal and Replacement
- Phase 3: Street Resurfacing (Grinding and Repaving)
- Phase 4: Utility Adjustments to new finished grade
- Phase 5: Installation of Traffic Striping, Signing, and Pavement Markings
- Phase 6: Planting of new trees



# Concrete Work

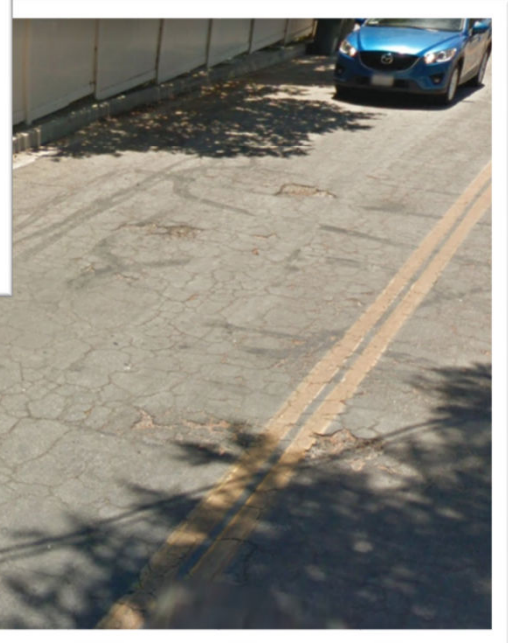
- Sidewalks
- Curb Ramps
- Driveway Aprons
- Alley Aprons
- Curb and Gutters
- Cross Gutters





# AC R&R

- Base Failure
- Erosion
- Potholes
- Tree Roots



# Resurfacing

Method used to improve the ride of the street and structural integrity of the pavement

- Grind 2" of existing AC pavement
- Place 2" of ARHM Top Coat
- Approximately one week process
- Begins NEW service life for pavement
- Prevents Excessive AC Pavement R&R
- Irrigation should be turned off
- Parking and access to street will be temporarily restricted during applications



# Resurfacing



Surface Planing



Installation of A.R.H.M.



Compaction



Striping and Marking

# Slurry Seal

Method used to preserve, protect, and extend the life of pavement

- Crack sealing first
- 3/8" thick-seals and corrects pavement
- Improves skid resistance
- Economical
- 1 Day Process
- Irrigation should be turned off
- Parking and access to your street will be unavailable during the day of Slurry Sealing
- Parking will be available on nearby streets
- Street will be fully opened in the evening barring any unforeseen conditions



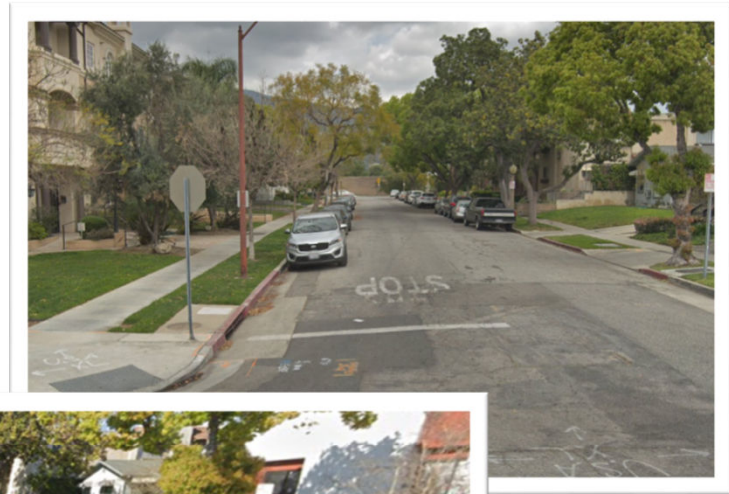
# Slurry Seal





# Traffic Striping

- New signing and pavement markers will be installed
- Painted curb markings will be refreshed/repainted



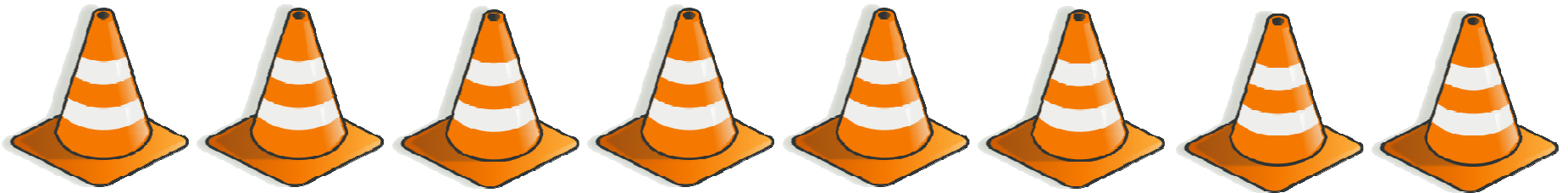
# Street Tree Improvements

- Tree removal, replacement, and planting of new trees per professional arborist's recommendation
- Removal ONLY for trees in decline or posing accessibility and safety issues for sidewalks, driveways, and curb and gutter alignments
- Residents will be notified in advance



# Project Impacts

- Resurface Streets may be temporarily closed during construction
- Contractor will notify residents and businesses in advance
- Street parking will be restricted in work areas
- Construction may be allowed on Saturdays if necessary
- Construction equipment and materials may be stored on the street

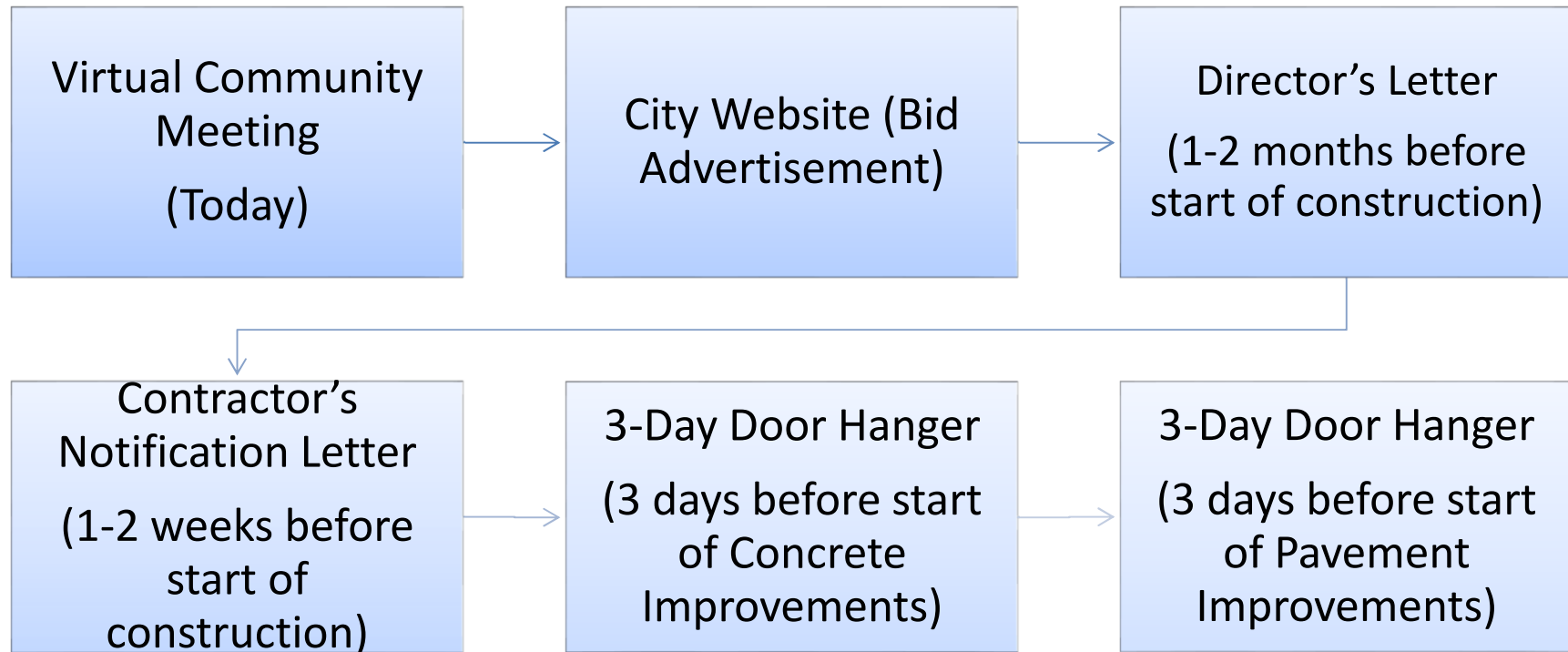


# Project Mitigation

- Road open and parking available during non-working hours
- Provide alternate traffic routes and maintain access to driveways as much as possible
- Street closure limited to immediate work zone
- Curbs, gutters, sidewalks, and driveway aprons will be constructed on one side of the street at a time
- Provide flaggers for traffic control where required



# Public Notification



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# Questions?



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