



Broadway Rehabilitation Project

Virtual Community Meeting, January 26, 2022

Link: <https://youtu.be/aEdyfMI1ta8>

Presented By:
Department of Public Works

Broadway Rehabilitation Project

ANTICIPATED

CONSTRUCTION START DATE:

August 2022

ANTICIPATED

CONSTRUCTION END DATE:

December 2022

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);
- Selective removal and repair of broken and damaged sidewalk, driveways, curbs, curb and gutters, cross gutters, alley aprons;
- Modification and reconstruction of existing ramps to meet the current ADA standards;
- Removal and planting of new trees and pruning of tree roots per professional arborist's recommendations;

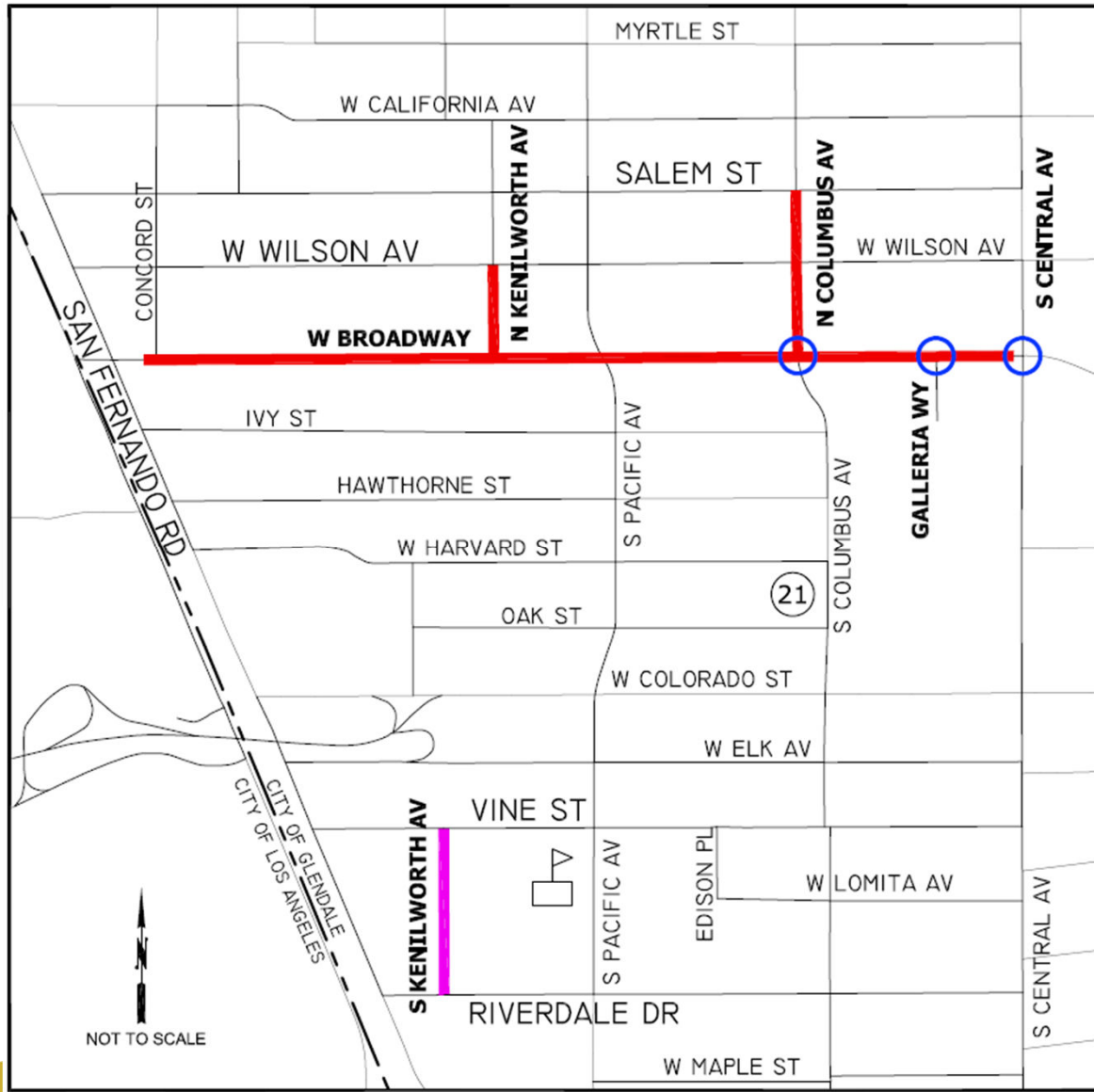


Project Purpose/Scope







- Adjustment of existing manholes and water meters to finished grade;
- Removal and replacement of existing traffic striping and installation of new striping;
- Installation of green shared roadway bicycle pavement markings (B-Type Sharrows);
- Modification of existing traffic signals at the intersections of Columbus Avenue, Galleria Way, and Central Avenue;
- Reflective pavement installation on S. Kenilworth Avenue.



Project Location



LEGEND

-  STREET RESURFACING
-  REFLECTIVE PAVEMENT INSTALLATION
-  TRAFFIC SIGNAL MODIFICATION
-  SCHOOL
-  FIRE STATION
-  CITY LIMITS



Resourceful Facts

- R&R – Remove and Reconstruct
- AC – Asphalt Concrete
- PCC – Portland Cement Concrete
- ARHM – Asphalt Rubber Hot Mix
- ADA – Americans with Disabilities Act



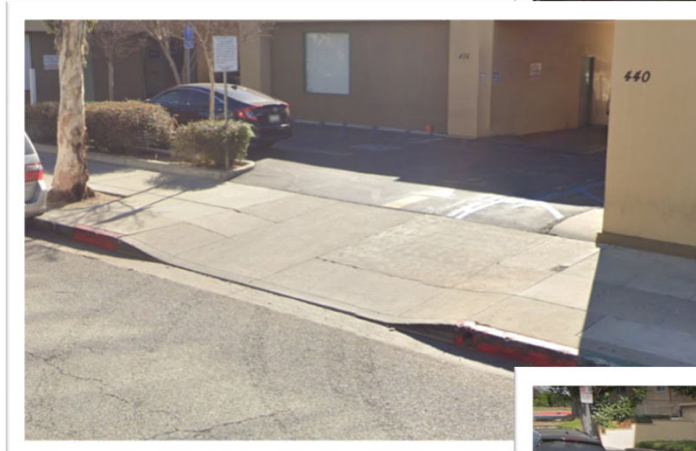
Construction Phasing

- 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: Modification of existing traffic signals
- Phase 7: 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

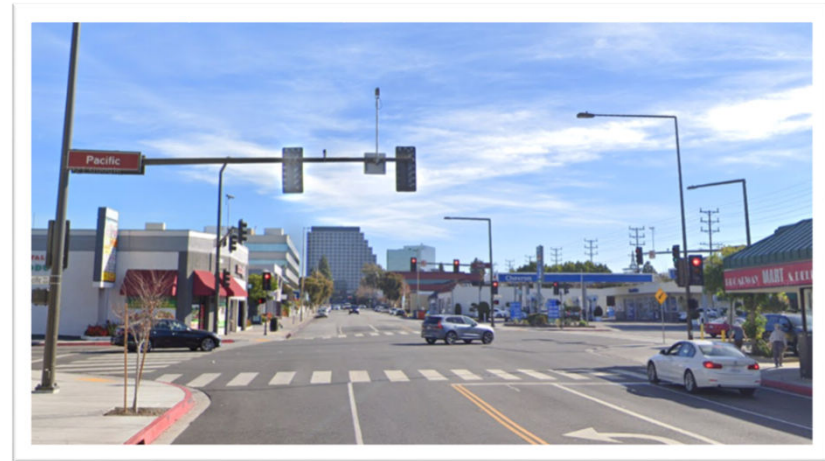


Striping and Marking



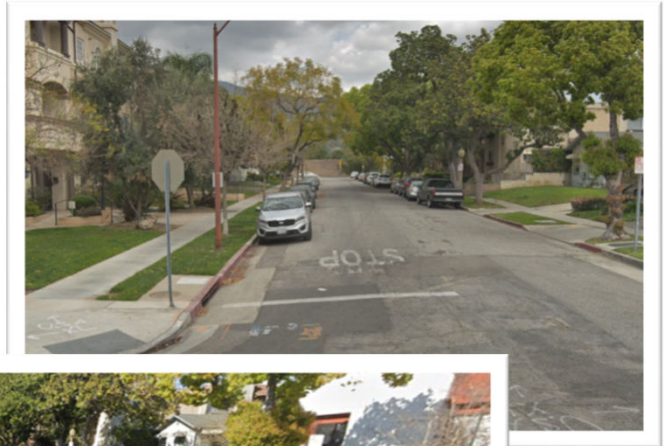
Traffic Signal Modifications

- Traffic Signal Modifications at the intersections of Broadway and:
 - Columbus Avenue;
 - Galleria Way; and
 - Central Avenue.



Traffic Striping

- Installation of new signing and pavement markers;
- Refreshing/Repainting of painted curb markings;
- Installation of B-Type Green Sharrows;
- Installation of new “Zebra Crosswalks” at two intersections:
 - Columbus Avenue
 - Galleria Way



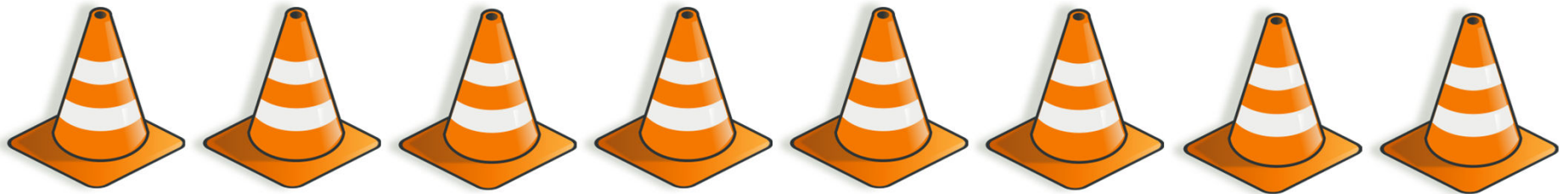
Street Tree Improvements

- 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 and businesses 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

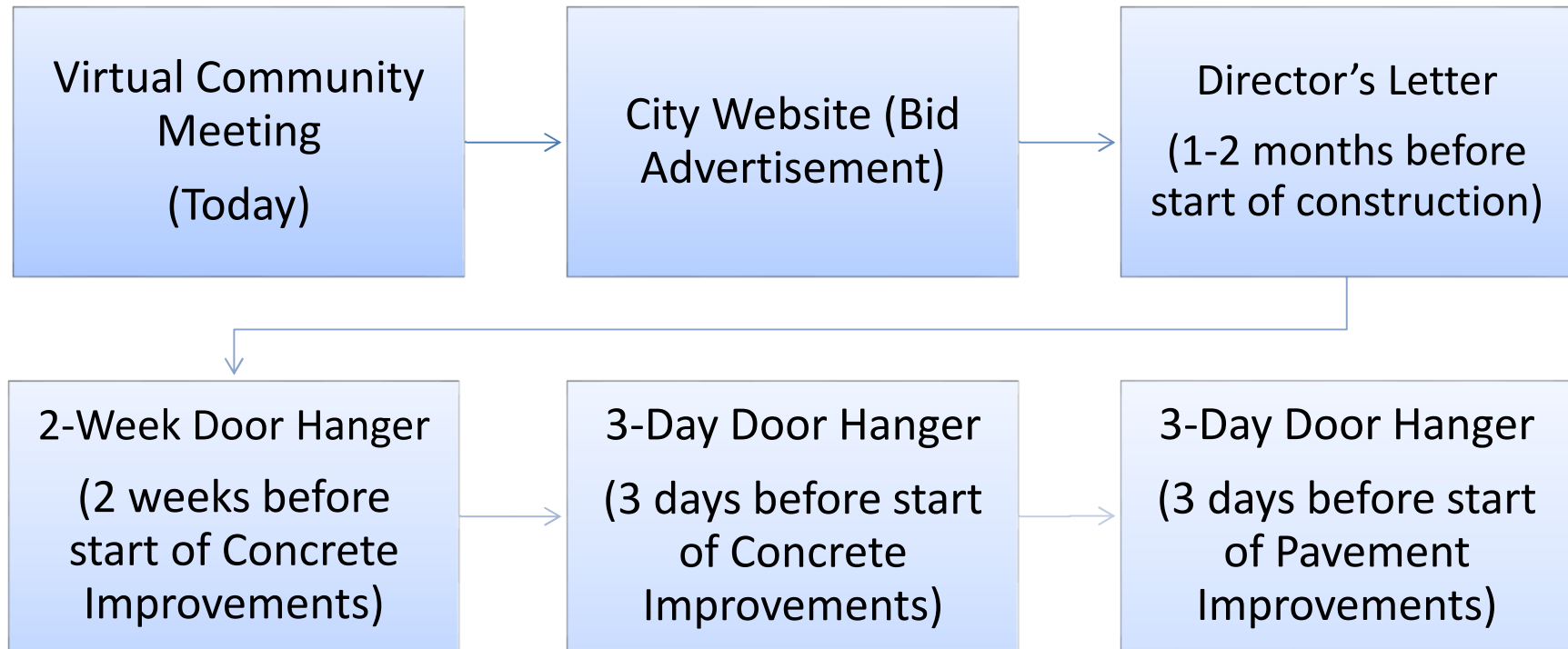


Project Mitigation

- 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



Questions?



Contacts

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