LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources

MARINA TRUNK SEWER RELIEF PROJECT UPDATE

Michael Chee, Public Information Officer
Tasnuva Shabnoor, Design Engineer
Donald Ton, Construction Engineer

December 11, 2024

AGENDA

INTRODUCTIONS

AGENDA

- INTRODUCTIONS
- PROJECT BACKGROUND

AGENDA

- INTRODUCTIONS
- PROJECT BACKGROUND
- PROJECT STATUS

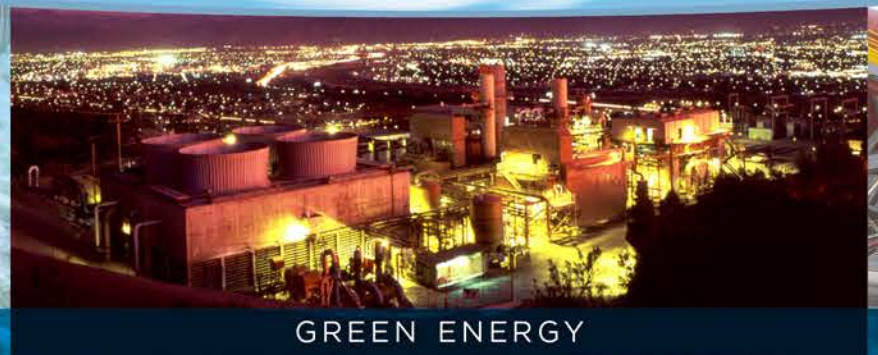
AGENDA

- INTRODUCTIONS
- PROJECT BACKGROUND
- PROJECT STATUS
- WHAT TO EXPECT

LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources

OUR MISSION

To protect public health and the environment through innovative and cost-effective wastewater and solid waste management and, in doing so, convert waste into resources such as recycled water, energy, and recycled materials.



Our Service Area

LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources

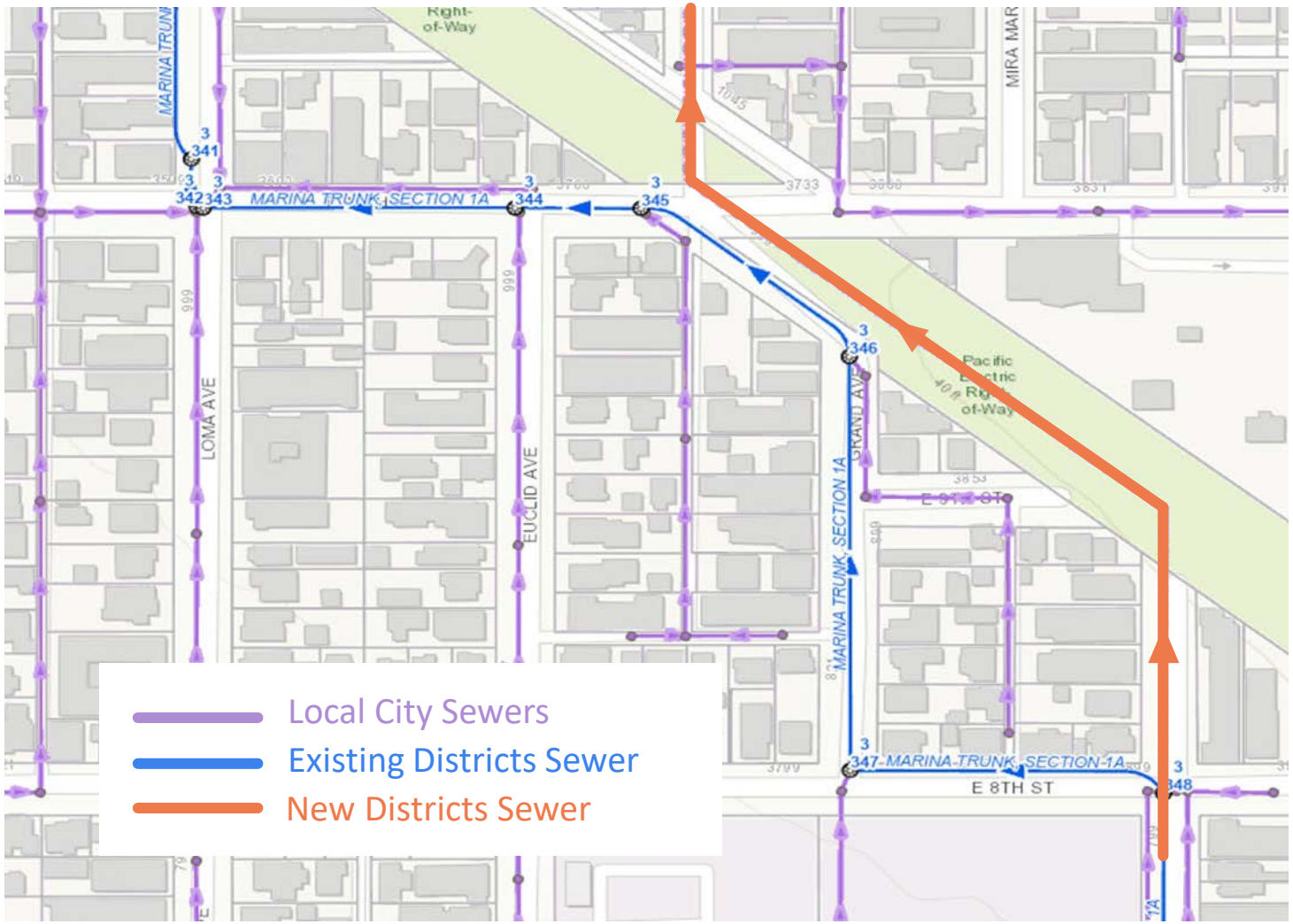
MARINA TRUNK SEWER RELIEF PROJECT UPDATE

Michael Chee, Public Information Officer
Tasnuva Shabnoor, Design Engineer
Donald Ton, Construction Engineer

December 11, 2024

PROJECT BACKGROUND

The Existing Sewer System



Marina TS Section 1A Sewer was constructed in 1967 and it serves the Long Beach community

There has been increased sewer flows since the sewer was first built due to further development

PROJECT BACKGROUND

Sanitary Sewer Overflows (SSOs)

February 1st at Grand Avenue & 10th Street

Existing sewer experienced two SSOs during heavy storms in February 2024

This sewer project was fast tracked due to these recent SSOs

PROJECT BACKGROUND

Marina TS Section 1A Relief Project

Construct new 18-inch relief sewer

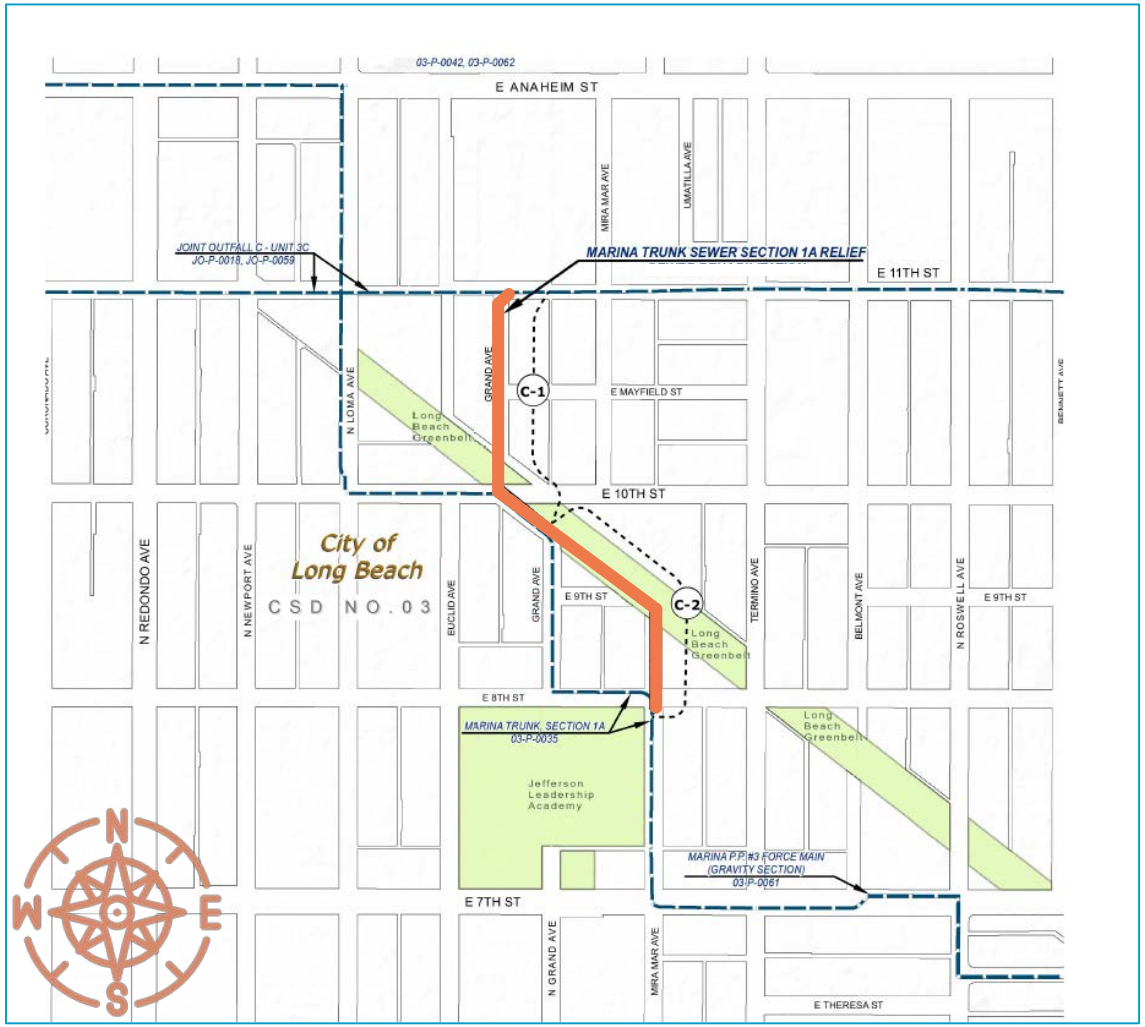
1,610 feet of 18" Fiberglass Reinforced Plastic (FRP) pipe and junction structure to control flow split

Relief sewer will provide additional capacity to the existing trunk sewer

Construction cost is approximately $3.3 million

PROJECT BACKGROUND

Project Alignment



Least amount of traffic impacts by utilizing the Greenbelt

Shortest total length of sewer to minimize the construction duration

Least impacts to residential/commercial properties by staying in public ROW

PROJECT STATUS

Work to Date

- ✓ Coordination with City of Long Beach Public Works
- ✓ Investigations performed for the selected alignment
  - Geotechnical/borings
  - Surveying
  - Utility notifications
  - Potholing
- ✓ District advertised and awarded contract to GRBCON on 10/23/24 in the amount of $3,312,930
- ✓ Funded through user fees from local ratepayers
- ✓ GRBCON is preparing remaining documentation for permits to construct the project

WHAT TO EXPECT

Greenbelt Area

Greenbelt Area

WHAT TO EXPECT

Construction in Greenbelt Area

Access

- Public use of pathway will remain available at all times

Personnel

- Signs will be posted to provide essential project and contact information
- Districts Inspector (on-site)
- Districts staff 24/7 in case of emergencies

Fencing

- Contractor will submit a fencing and staging plan for the temporary construction fence

Trees

- Some trees will need to be removed
- Replaced on a 2-to-1 basis

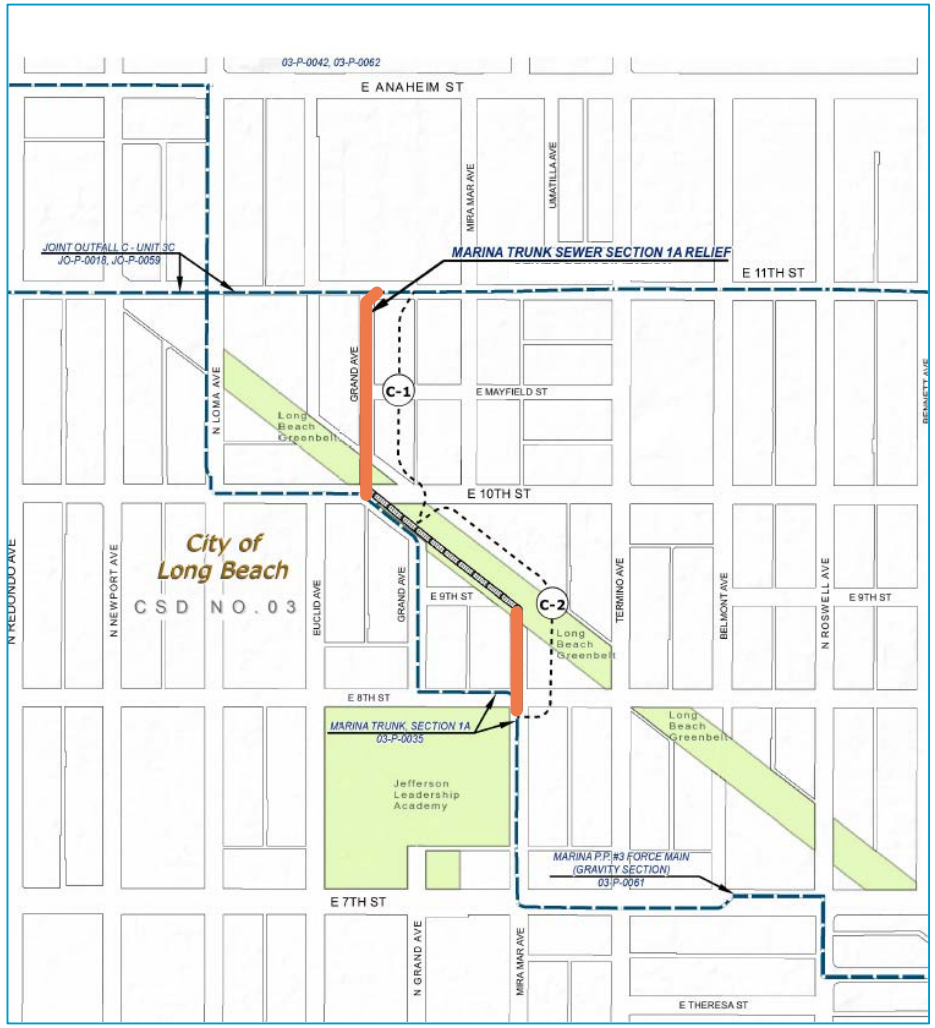
WHAT TO EXPECT

Construction in Greenbelt Area

Rendering of Temporary Fencing and Sign

PROJECT STATUS

Residential Areas



WHAT TO EXPECT

Construction In Residential Areas

Working Hours

- Monday – Friday
- 8 AM – 4 PM
- Excludes holidays

Personnel

- Districts Inspector (on-site)
- Districts staff 24/7 in case of emergencies

Vehicles & Driveways

- "No Parking" signs will be posted along the streets
- Driveway access provided during working hours as needed
- Streets will be reopened at the end of each workday

Grand Avenue

- Project will repave entire street curb-to-curb

WHAT TO EXPECT

Schedule

January 2025

Project duration is 200 working days

2nd Quarter 2025

Tentative start of physical construction

- Greenbelt work is required to be complete within 90 consecutive calendar days
- Grand Avenue work is required to be complete within 90 consecutive calendar days

November 2025

Tentative construction completion date

SUMMARY

1. Districts is providing this $3.3M project to upgrade the sewer system for the local community
2. Districts has included a strict 90-day limit to ensure work is completed expeditiously in the Greenbelt area and Grand Avenue
3. Districts selected an alignment and design that will provide immediate sewer relief and additional capacity to mitigate sewer spills
4. Districts is staffing this project to be present at all times during construction and to be available 24/7

QUESTIONS? CONTACT US

Public Information Office
info@lacsd.org
(562) 908-4288 x 2300

LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources