



**CLEAN WATER PROGRAM**  
 PROTECTING THE BAY FOR A SUSTAINABLE FUTURE


**Upcoming Construction:  
 El Camino Real Sewer  
 Capacity Improvements**

Virtual Community Meeting  
 Monday, September 25, 2023





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## Introductions




**Matt Fabry**  
Deputy Public Works Director





**Deryk Daquigan**  
Acting Deputy Public Works Director



**Tom Williams**  
Acting Engineering Manager



**Makarand Pendse**  
Jacobs, Project Manager

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## Zoom Webinar Information

Questions will be answered live after the presentation

- How to ask a question:
  - Attendees with questions, please click 'raise your hand.'
  - For Phone-in participation, press #9 to raise your hand.
- Question order and length:
  - Questions will be asked one at a time and in order.
  - Please limit your question to 3 minutes maximum.
  - Questioner will be muted while speaker responds.
  - If you have a follow-up question, please click 'raise your hand' again.
- Recording: This meeting is being recorded. By joining this meeting through Zoom you agree to be recorded.



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## Presentation Overview

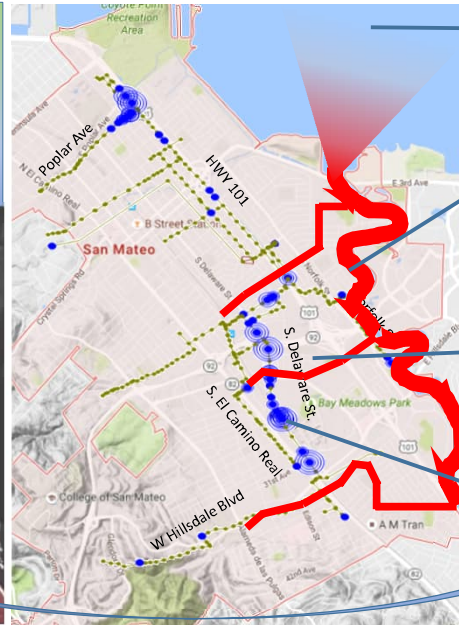
- Clean Water Program
- Basins 2 & 3 Collection Systems Improvements Overview
- El Camino Real Sewer Capacity Improvements
- Expectations During Construction
- Questions and Answers



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# Wet Weather Impacts and SSOs

What Causes Sanitary Sewer Overflows?  
Raw Sewage, PLUS  
Unintended Rain Water  
Entering the System



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# San Mateo Clean Water Program



**Replace** aging infrastructure and facilities



**Build** wet weather sewer system capacity assurance to prevent overflows



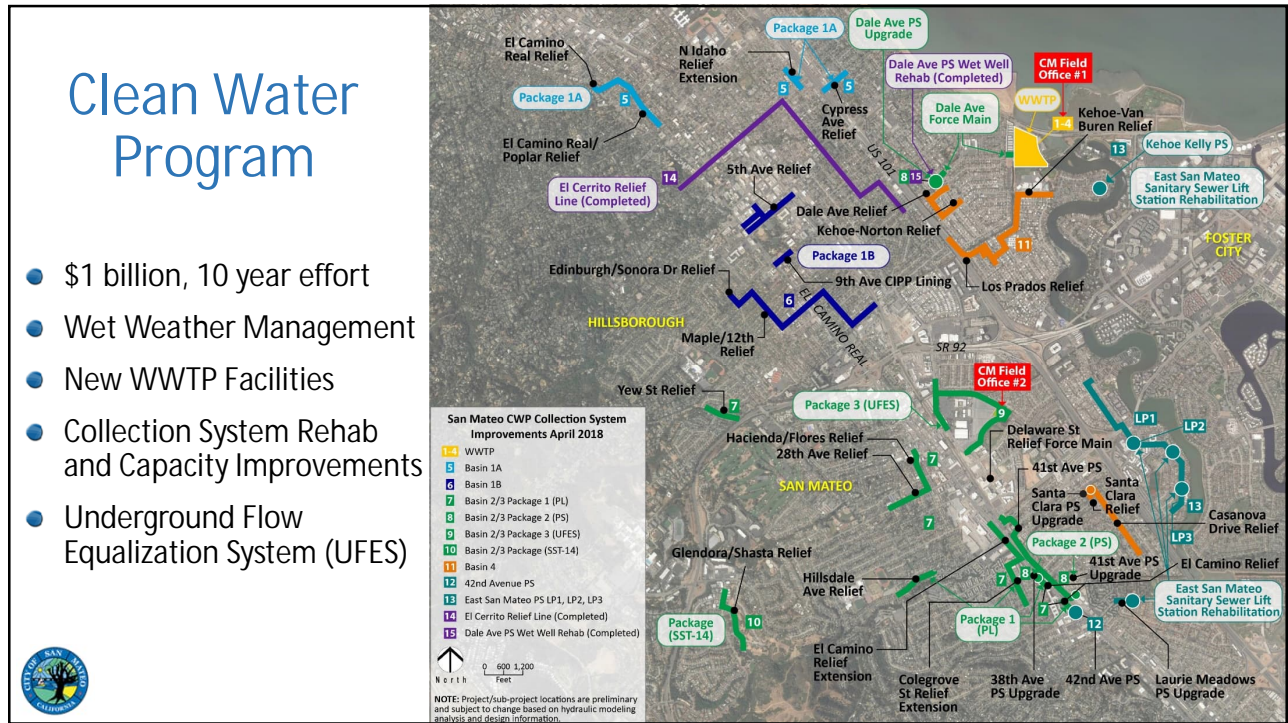
**Meet** current and future regulatory requirements



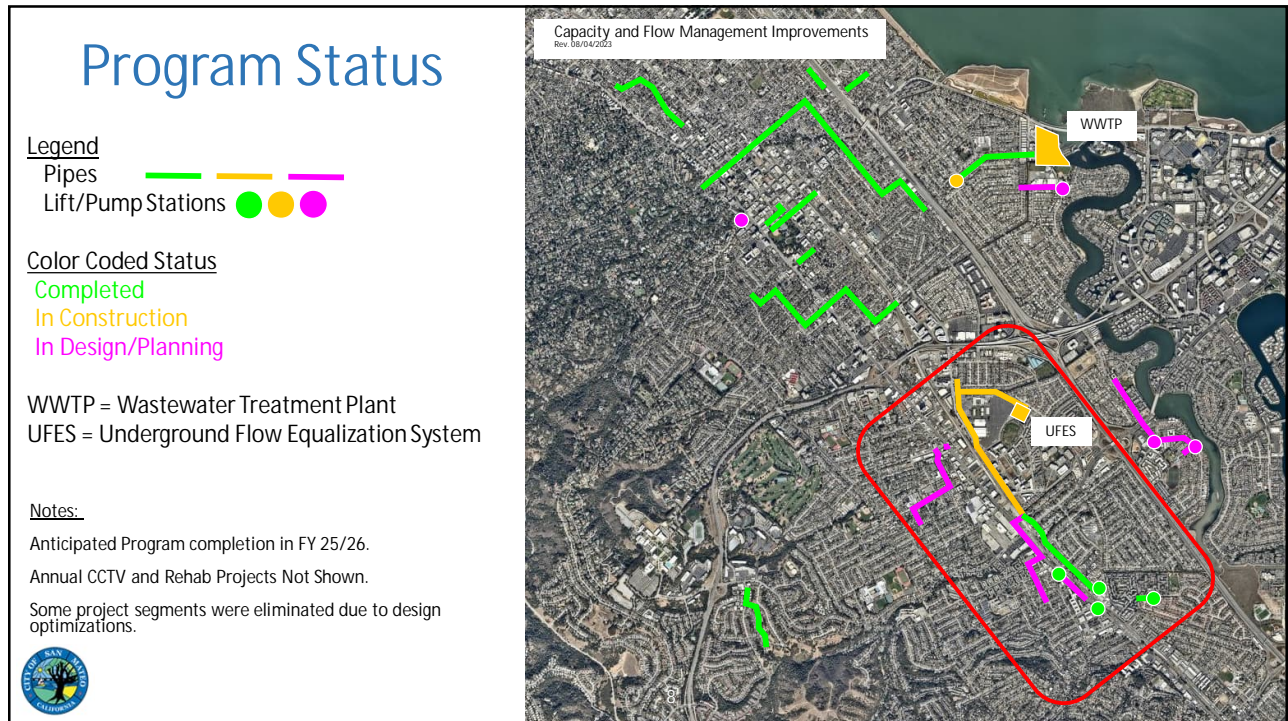
**Align** with the City of San Mateo and Foster City's sustainability goals



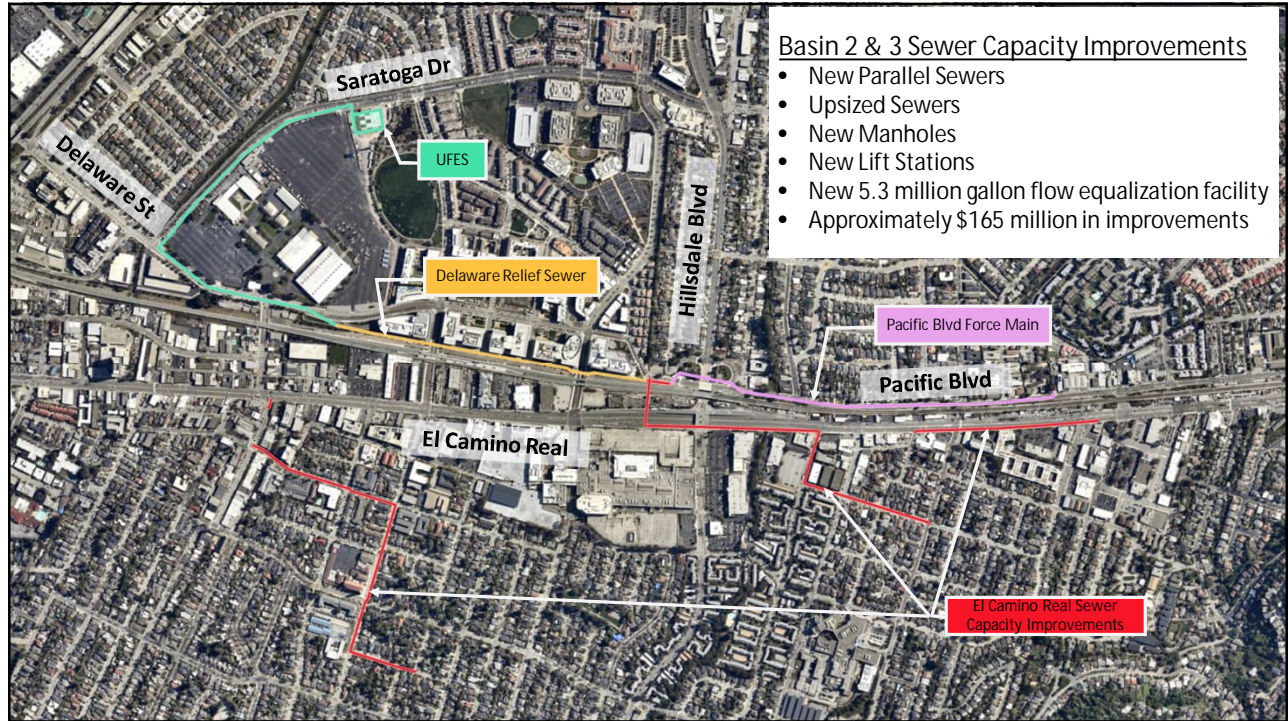
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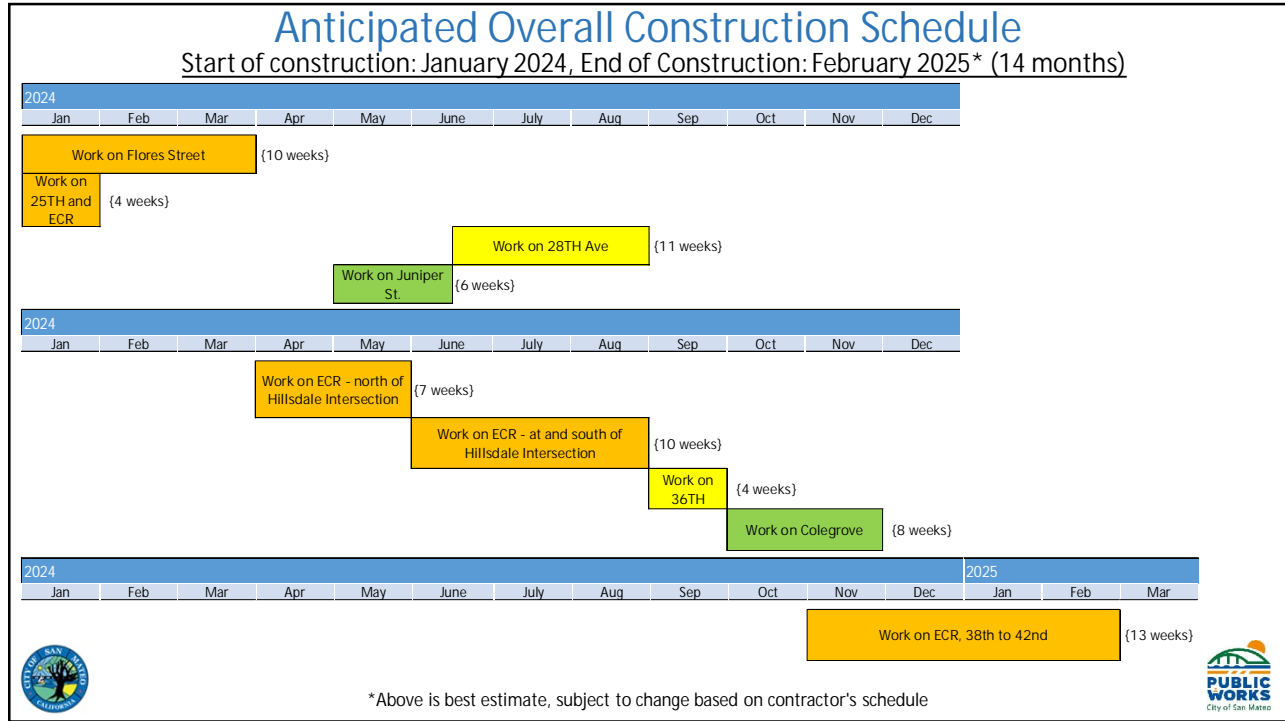
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### Upcoming El Camino Real Sewer Capacity Improvements Project

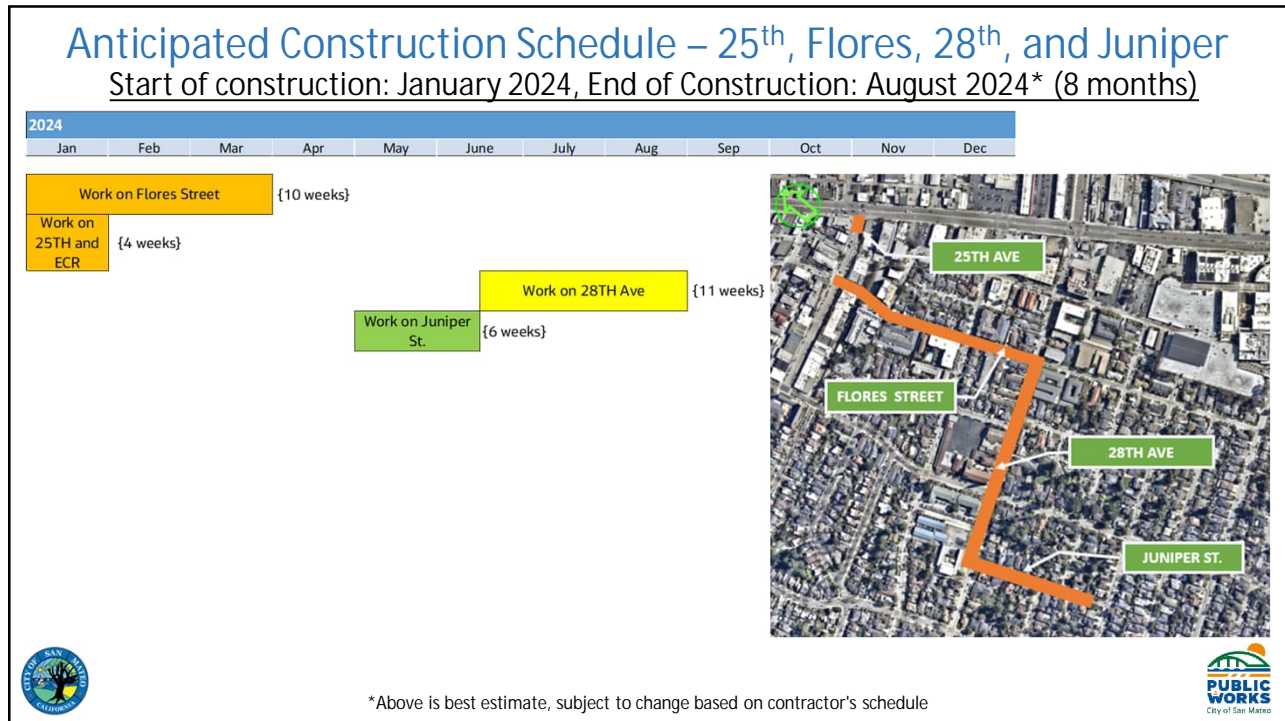
Work in Three Areas: Installing sewers and manholes  
\$17 million estimated construction contract value



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## Construction at 25<sup>th</sup> Ave at El Camino Real (ECR)

**Construction Activities:**

- Excavate trenches
- 90 LF of relief sewer install
- Install manholes
- Divert sewer flows off ECR

**Anticipated Duration:**

Four (4) weeks

**Work hours:**

Construction at night (preferred)\*  
 Mon-Fri 10:00 p.m. to 6:00 a.m.

**Anticipated Impacts:**

- Temporary lane closures\*
- Parking restrictions\*
- Typical construction noise, vibration & dust

\*Dependent on Caltrans requirements and contractor's methods



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## Construction on Flores Street, between 25<sup>th</sup> Ave to 28<sup>th</sup> Ave



**Construction Activities**

- Excavate trenches
- 1300 LF of relief sewer
- Install manholes

**Anticipated duration**

10 weeks

**Work hours:**

Mon-Fri, 8:00 a.m. to 5:00 p.m.

**Anticipated Impacts:**

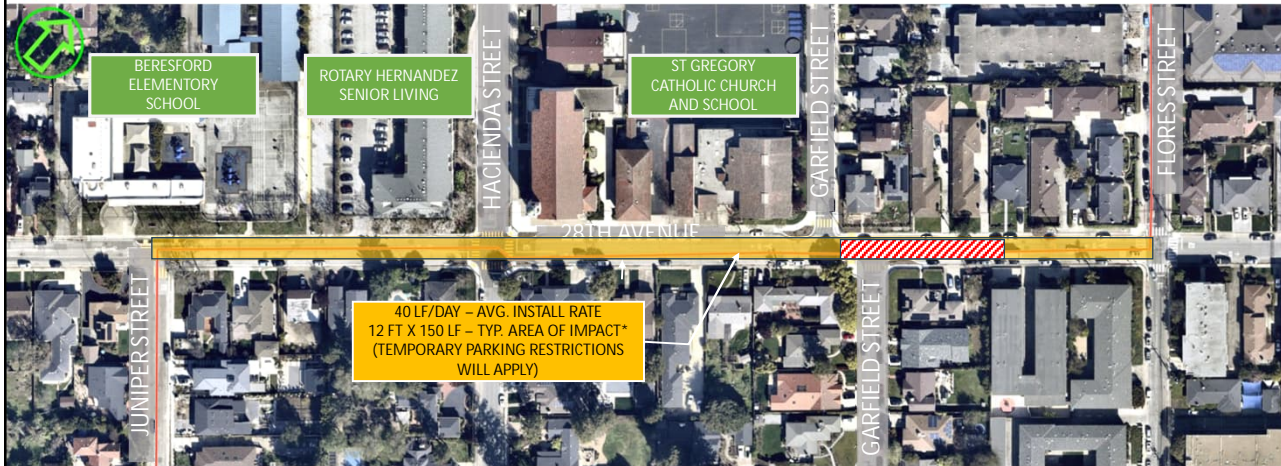
- Temporary lane and parking closures\*
- Flaggers controlling traffic
- Temporary driveway access restrictions
- Typical construction noise, vibration & dust

\*Dependent on Contractor's methods

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## Construction on 28<sup>th</sup> Ave, Between Flores and Juniper



|   |  |  |   |
|---|--|--|---|
| <p><b>Construction Activities:</b></p> <ul style="list-style-type: none"> <li>• Excavate trenches</li> <li>• 1300 LF of sewer upsizing</li> <li>• Reconnect laterals</li> <li>• Install manholes</li> </ul> | <p><b>Anticipated Duration:</b><br/>11 weeks</p> | <p><b>Work Hours:</b><br/>Mon-Fri,<br/>8:00 a.m. to 5:00 p.m.,<br/>Coordinated with school's<br/>summer vacation</p> | <p><b>Anticipated Impacts:</b></p> <ul style="list-style-type: none"> <li>• Temporary lane and parking closures*</li> <li>• Flaggers controlling traffic</li> <li>• Temporary driveway access restrictions</li> <li>• Typ. construction noise, vibration &amp; dust</li> <li>• Temporary sewer service disruptions</li> </ul> |
| *Dependent on Contractor's methods  |  |  |   |

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## Construction on Juniper Street, between 28<sup>th</sup> and 29<sup>th</sup>

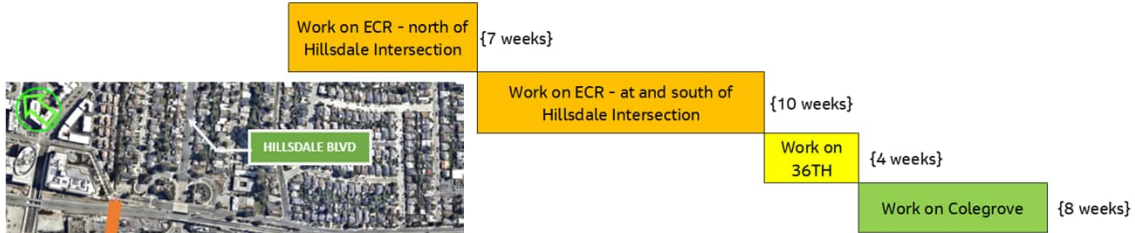
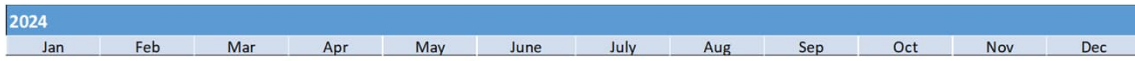


|  |   |   |   |
|--|---|---|---|
| <p><b>Construction Activities:</b></p> <ul style="list-style-type: none"> <li>• Excavate trenches</li> <li>• 600 LF of sewer upsizing</li> <li>• Reconnect laterals</li> <li>• Install manholes</li> </ul> | <p><b>Anticipated Duration:</b><br/>6 weeks</p> | <p><b>Work Hours:</b><br/>Mon-Fri,<br/>8:00 a.m. to 5:00 p.m.<br/>Coordinated with school</p> | <p><b>Anticipated Impacts:</b></p> <ul style="list-style-type: none"> <li>• Temporary lane and parking closures*</li> <li>• Flaggers controlling traffic</li> <li>• Temporary driveway access restrictions</li> <li>• Typ. construction noise, vibration &amp; dust</li> <li>• Temporary sewer service disruptions</li> </ul> |
| *Dependent on Contractor's methods   |   |   |   |

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## Anticipated Construction Schedule – ECR, Hillsdale, 36<sup>th</sup>, and Colegrove

Start of construction: Apr 2024, End of Construction: November 2024\* (8 months)



\*Above is best estimate, subject to change based on contractor's schedule

## Construction on ECR, North of Hillsdale Intersection - Phase 1



**Construction Activities:**

- Excavate trenches
- 500 LF Sewer upsizing
- Install manholes

**Anticipated Duration:**

7 weeks

**Work Hours:**

Night work,  
Mon-Fri,  
10:00 p.m. to 6:00 a.m.

**Anticipated Impacts:**

- Temporary road and lane closures
- Restriction to parking garage
- Temporary detours
- Typ. construction noise, vibration & dust

## Night Detour Plan ECR, North of Hillsdale Phase 1

- ECR lanes under Hillsdale Blvd are not anticipated to be impacted
- Lane closures on ECR (southbound, upper grade separated area, along Hillsdale Mall frontage) between 10:00 p.m. to 6:00 a.m.
- Detours for lane closures on ECR via 31<sup>st</sup> Ave, Edison St, and Hillsdale Blvd.



\*Any additional lane closures dependent on Caltrans requirements



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## Day Time Lane Closure on ECR, North of Hillsdale - Phase 1



- Day-time lane closures during manhole construction
- Left turn lane closure for staging and equipment storage during construction on ECR\*



\*Any additional lane closures dependent on Caltrans requirements



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## Construction on ECR at Hillsdale Intersection - Phase 2



**Construction Activities:**

- Excavate trenches
- Sewer upsizing
- Install manholes

**Anticipated Duration:**

4 weeks

**Work Hours:**

Night work,  
Mon-Fri,  
10:00 p.m. to 6:00 a.m.

**Anticipated Impacts:**

- Temporary road and lane closures
- Restriction to parking garage
- Temporary detours
- Typ. construction noise, vibration & dust

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## Night Detour Plan ECR, North of Hillsdale Phase 2

- ECR lanes under Hillsdale Blvd are not anticipated to be impacted
- Lane closures on ECR (southbound, upper grade separated area, along Hillsdale Mall frontage) between 10:00 p.m. to 6:00 a.m.
- Lane closures on Hillsdale Blvd between 10:00 p.m. to 6:00 a.m.
- Detours for lane closures on ECR and Hillsdale via 31st Ave, Edison St, Hillsdale Blvd, Pacific Blvd, and Delaware St.



\*Any additional lane closures dependent on Caltrans requirements



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## Day Time Lane Closure on ECR at Hillsdale Intersection - Phase 2



- Left turn lane closure for staging and equipment storage during construction on ECR\*



\*Any additional lane closures dependent on Caltrans requirements



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## Construction on ECR, South of Hillsdale – Phase 3



**Construction Activities:**

- Excavate trenches
- 900 LF sewer upsizing
- Install manholes

**Anticipated Duration:**

6 weeks

**Work Hours:**

Night work,  
Mon-Fri,  
10:00 p.m. to 6:00 a.m.

**Anticipated Impacts:**

- Temporary road and lane closures
- Temporary driveway access restrictions
- Temporary detours
- Typ. construction noise, vibration & dust

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## Night Detour Plan ECR, North of Hillsdale Phase 3

- ECR lanes under Hillsdale Blvd are not anticipated to be impacted
- Lane closures on ECR (southbound, upper grade separated area) between 10:00 p.m. to 6:00 a.m.
- Detours for lane closures on ECR via Hillsdale Blvd, Edison St, and 36<sup>th</sup> Ave

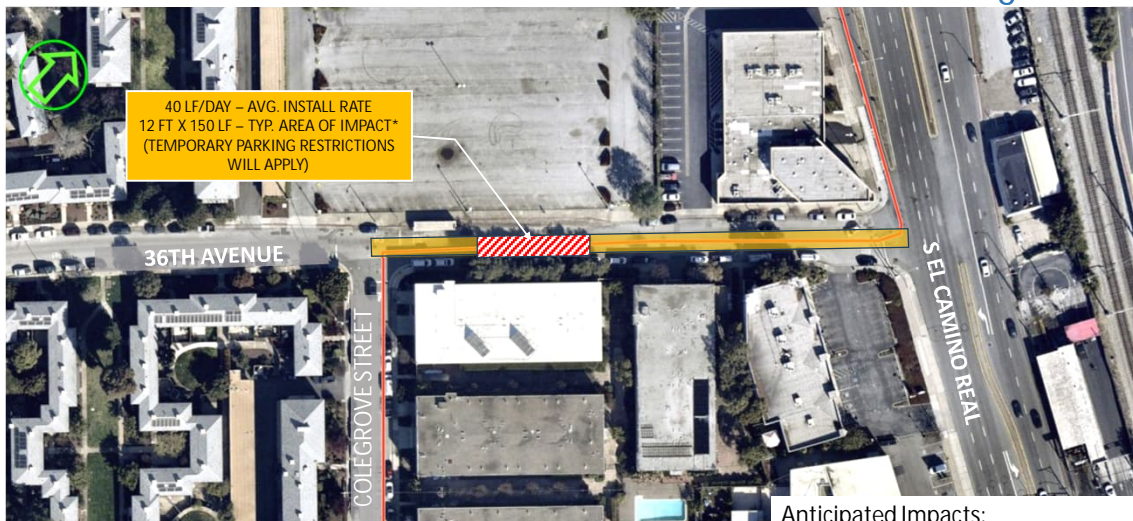


\*Any additional lane closures dependent on Caltrans requirements



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## Construction on 36TH Ave, between ECR and Colegrove



### Construction Activities

- Excavate trenches
- 450 LF of Sewer upsizing
- Reconnect laterals
- Install Manholes

### Anticipated duration

4 weeks

### Work hours:

Mon-Fri, 8:00 a.m. to 5:00 p.m. Working in Night shift only on ECR

\*Dependent on Contractor's methods

### Anticipated Impacts:

- Temporary road and lane closures\*
- Flaggers controlling traffic
- Temporary driveway access restrictions
- Temporary sewer service disruptions
- Typ. construction noise, vibration & dust

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## Construction on Colegrove St, between 36<sup>th</sup> and 39<sup>th</sup>



Construction Activities

- Excavate trenches
- 1100 LF of Sewer upsizing
- Reconnect laterals
- Install Manholes

Anticipated duration

8 weeks

Work hours:

Mon-Fri, 8:00 a.m. to 5:00 p.m.

Anticipated Impacts:

- Temporary road and lane closures\*
- Flaggers controlling traffic
- Temporary driveway access restrictions
- Typ. construction noise, vibration & dust



\*dependent on Contractor's methods

## Anticipated Construction Schedule - ECR, between 38TH and 42ND

Start of construction: November 2024, End of Construction: February 2025\* (4 months)

| 2024 |     |     |     |     |      |      |     |     |     |     |     | 2025 |     |     |
|------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|------|-----|-----|
| Jan  | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan  | Feb | Mar |



Work on ECR, 38th to 42nd (13 weeks)



\*Above is best estimate, subject to change based on contractor's schedule



## Construction on ECR, between 38<sup>TH</sup> and 42<sup>ND</sup>



Construction Activities

- Excavate trenches
- 1600 LF of Sewer upsizing
- Reconnecting laterals
- Install Manholes

Anticipated duration

13 weeks

Work hours:

Night Work  
Mon-Fri, 10:00 p.m. to  
6:00 a.m.

Anticipated Impacts:

- Temporary road and lane closures\*
- Temporary driveway access restrictions
- Typ. construction noise, vibration & dust
- Temporary sewer service disruptions

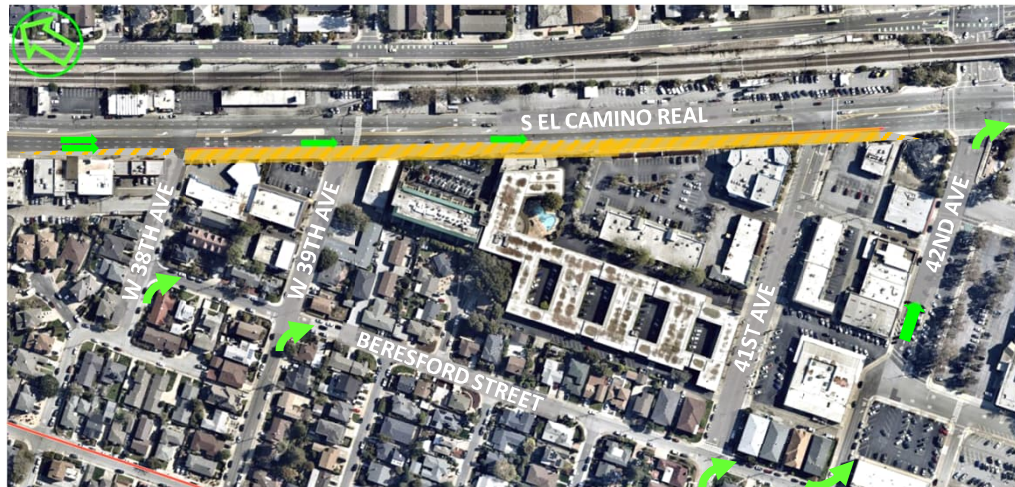
\*Dependent on Contractor's methods



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## Night Detour plan ECR, between 38<sup>TH</sup> and 42<sup>ND</sup>

- Temporary southbound lane closures on ECR between 10:00 p.m. to 6:00 a.m.
- Detours for southbound traffic on 38th Ave, 39th Ave and 41st Ave respectively via Beresford St. when working at the intersection



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## Reminder



**Replace** aging infrastructure and facilities



**Build** wet weather sewer system capacity assurance to prevent overflows



**Meet** current and future regulatory requirements



**Align** with the City of San Mateo and Foster City's sustainability goals



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## Next Steps

- Virtual Community Meeting – September 25<sup>th</sup>
- Contract award – November 2023
- Notice to proceed construction – December 2023
- Review of contractor's schedule and Traffic control plans – December 2023
- Start of construction – January 2024 (start is subject to weather)
- More public outreach throughout entire project duration

*Note: Schedule is subject to change and is based on currently known information*



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# Thank you!

## Project and Contact Information:

- [www.CleanWaterProgramSanMateo.org/ecr-sewer-improvements/](http://www.CleanWaterProgramSanMateo.org/ecr-sewer-improvements/)
- General Clean Water Program Hotline: (650) 727-6870
  
- CWP Project Manager: Makarand Pendse; [makarand.pendse@jacobs.com](mailto:makarand.pendse@jacobs.com); 925.392.3726
- City Acting Engineering Manager: Tom Williams; [twilliams@cityofsanmateo.org](mailto:twilliams@cityofsanmateo.org); 650.522.7307
- City Acting PW Deputy Director: Deryk Daquigan [Ddaquigan@cityofsanmateo.org](mailto:Ddaquigan@cityofsanmateo.org); 650.522.7287
- City PW Deputy Director: Matt Fabry; [mfabry@cityofsanmateo.org](mailto:mfabry@cityofsanmateo.org); 650.522.7309

