

# STORM WATER PIPELINE REPLACEMENT PROJECT

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Council Meeting

November 10, 2020

**Jimmy Tan, P.E.**

**Public Works Director**



# Recommendation

- Adopt Resolution Authorizing the City Manager to Execute a Memorandum of Agreement with the San Francisco Public Utilities Commission for the Stormwater Pipeline Replacement Project and Appropriating \$450,000 from the General Fund Capital Reserve Fund

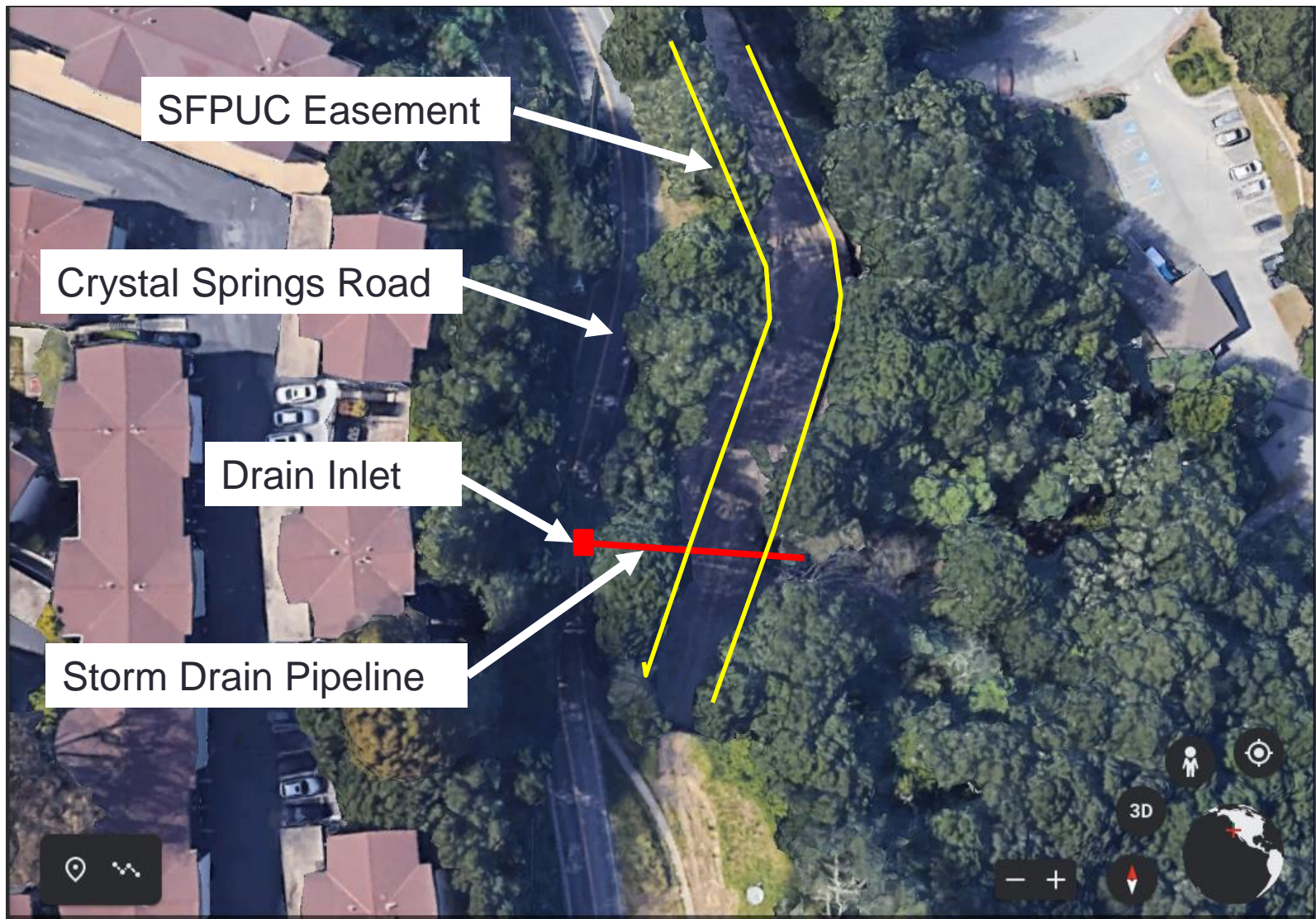
# Agenda

1. Background
2. Scope of Work
3. Fiscal Impact
4. Alternatives
5. Recommendations

# Background

- San Francisco Public Utilities Commission
  - *Operates potable water distribution network in San Mateo County*
  - *Active SFPUC project to replacing approximately 6,500 feet of water pipelines in San Bruno and near Junipero Serra Park*
- In January 2020, SFPUC discovered deteriorated City storm drain pipeline and erosion near Crystal Springs Road and Junipero Serra Park
- Staff recommends Memorandum of Agreement with SFPUC for repair storm drain pipeline and erosion

# Project Location



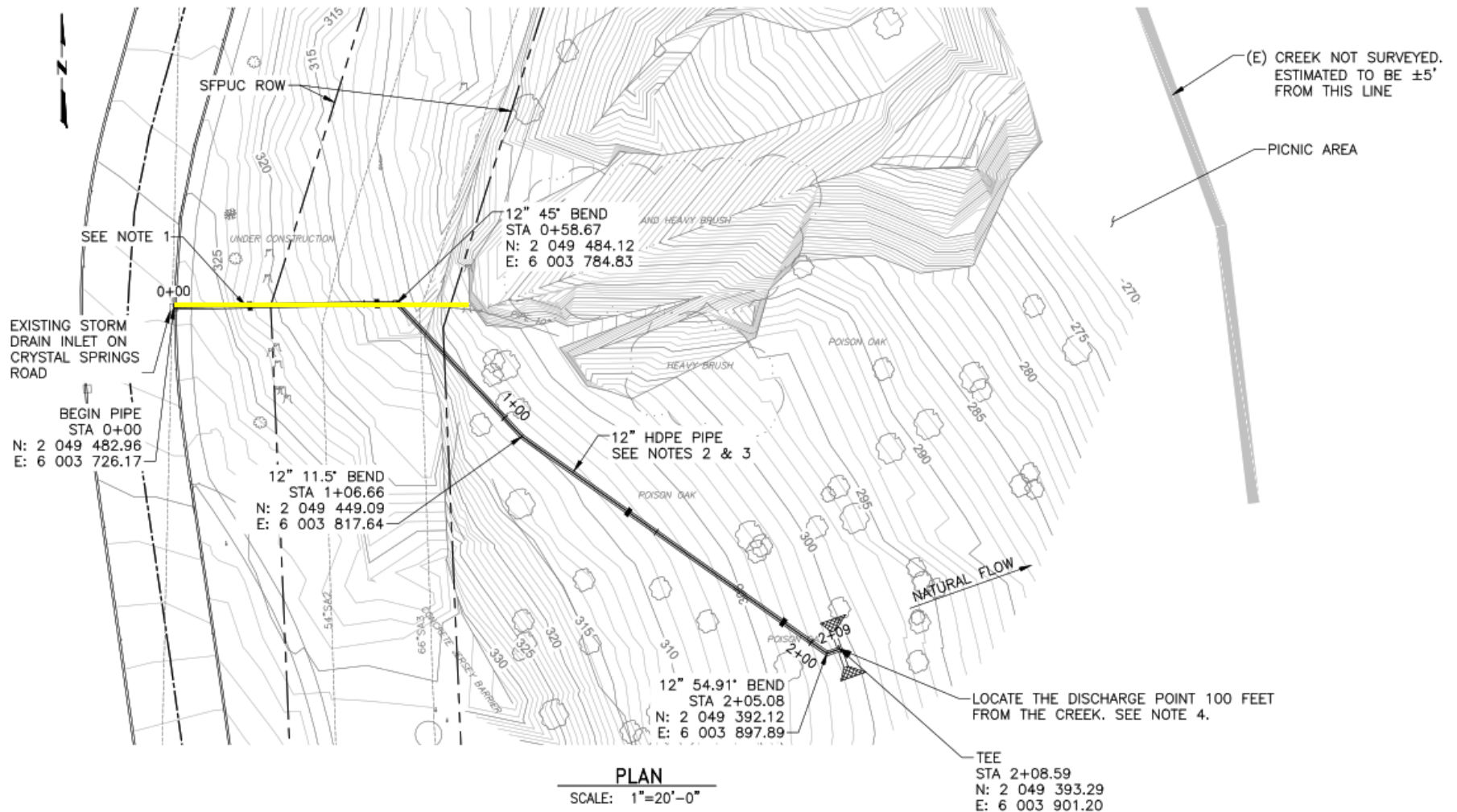
# Photos and Video



# Scope of Work for Storm Drain and Erosion Repair

- Design storm drain replacement pipeline
- Utilize SFPUC contractor, Ranger Pipelines
- Remove and replace existing storm drain with 12-inch plastic pipeline
- Relocate pipeline alignment
- Stabilize hillside

# Storm Drain Pipeline





# Fiscal Impact

## Project Cost

- Design and construction: \$400,000
- Contingency: \$50,000
- **TOTAL: \$450,000**

## Recommended Funding Source

- General Fund Capital Reserve Fund, Balance \$4.7 million

# Stormwater Fund

- Projected Ending FY 2020-21 Balance: \$112,000
- City Stormwater revenue comes from property tax special assessment (*most residential properties pay \$46/year*)
- Insufficient to cover annual operating and capital needs
- General Fund used in current and prior years to supplement the fund
- Projected negative stormwater fund balance next year

# Stormwater Fund

- Engineering Study underway
  - Goal: Determine appropriate property tax assessment to stabilize Stormwater Fund and cover annual operating and capital expenses
- Staff to bring Engineering Study and a recommendation to increase stormwater fees to Council in January 2021
- If approved, Prop 218 process would occur March-May 2021

# Alternative

1. Do not complete the project. Future storm events will continue to erode the hillside which will impact both CCSF pipelines and Crystal Spring Road.
2. Direct staff to hire City's contractor to complete the work. This will delay the construction activities and the cost may be higher than Ranger Pipelines.

# Recommendation

- Adopt Resolution Authorizing the City Manager to Execute a Memorandum of Agreement with the San Francisco Public Utilities Commission for the Stormwater Pipeline Replacement Project and Appropriating \$450,000 from the General Fund Capital Reserve Fund

Questions?