



# **SANITARY SEWER** **MODERNIZATION**

**2018 HILLCREST SUB-BASIN 3  
PROJECT**

## **SUMMARY OF WORK**

- **SEWER MAINLINE REPLACEMENT:**
  - APPROXIMATELY 8,200 LF
  - (DIAMETER RANGE OF NEW PIPE: 8 IN. TO 18 IN.)
- **LOCATIONS:**
  - (HILLCREST, LA CRUZ, BROADWAY, ELDER, POPLAR)
- **LOWER LATERAL REPLACEMENT:**
  - APPROXIMATELY 265 LATERALS
- **METHOD OF REPLACEMENT:**
  - PIPE BURSTING (PRIMARY)
  - OPEN TRENCHING(MINOR)



*Figure 1. HDPE Pipe Fusing Operations*

## SUMMARY OF WORK CONT.

- **REHABILITATION/REPLACEMENT OF MANHOLES:**

- APPROXIMATELY 24 REHABILITATIONS & 6 REPLACEMENTS

- **REPAIR/RESTORATION:**

- TRENCH LINE WILL BE RESTORED. POTENTIAL FOR THIN OVERLAY/SLURRY SEAL.
  - *(DEPENDENT ON AVAILABLE CONSTRUCTION CONTINGENCY)*
- STRIPING AND PAVEMENT MARKINGS TO BE REPLACED



**Figure 2. Winch Pulling Pipe for Bursting Operations**

# OUTREACH

- **SOCIAL MEDIA UPDATE NOTIFICATIONS:**

- FACEBOOK
- TWITTER
- NEXT DOOR

- **RELAYING INFORMATION FOR SMC ALERTS:**

- STREET CLOSURE FOR SURROUNDING CITIES  
WITHIN SAN MATEO COUNTY



*Figure 3. HDPE Lower Lateral Fused to New Main*

## **OUTREACH CONT.**

- **LETTERS SENT TO RESIDENTS AND BUSINESS OWNERS BY CONTRACTOR AND CITY**
- **NOTIFICATIONS BY THE CONTRACTOR:**
  - SENT FIVE (5) WORKING DAYS AND 24 HOURS PRIOR TO WORK STARTING
- **STAFF OUTREACH:**
  - DISTRIBUTED BI-LINGUAL CONSTRUCTION NOTICES DOOR TO DOOR
  - ANSWER QUESTIONS REGARDING PROJECT IN-PERSON



*Figure 4. Existing Manhole Demolition for Replacement*



## **CURRENT PROGRESS**

- **CONSTRUCTION START DATE:** SEPTEMBER 4, 2018
- **CONTRACT FINISH DATE:** EARLY FEBRUARY 2019
- **MAINLINE COMPLETED:** HILLCREST BLVD. –  
POPLAR AVE. TO BROADWAY (1,040 LF)
- **CURRENT LOCATION:** BROADWAY –  
TAYLOR AVE. TO VICTORIA AVE. (1,600 LF)



*Figure 5. HDPE Pipe Prepared for Mainline Bursting*

# **BROADWAY CONSTRUCTION SCHEDULE**

- **STREET BLOCKS/INTERSECTIONS AFFECTED AND ESTIMATED DATES FOR CONSTRUCTION:**

- TAYLOR BLVD. TO HILLCREST BLVD.:

- 10/08 TO 10/19

- HILLCREST. BLVD. TO LA CRUZ.:

- 10/22 TO 11/02

- LA CRUZ TO VICTORIA AVE.:

- 11/05 TO 11/21



**Figure 6. Sewer Lateral Cleanout and Backflow Preventer Installation**

# **BROADWAY CONSTRUCTION**

- **LIMITED TO 10 WORKING DAYS PER STREET BLOCK**
  - CLOSED TO THRU TRAFFIC
- **DROP OFF/PICKUP ONLY ZONE NEXT TO PEETS**
- **MILLBRAE SUN PAVEMENT MARKING RESTORED:  
HILLCREST/BROADWAY INTERSECTION**



*Figure 7. Millbrae Sun Logo Prior to Construction*