



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