NOTES:
1. ANY CONNECTIONS ABOVE MANHOLE BASE SHALL BE CORED AND INSTALLED WITH RESILIENT FLEXIBLE CONNECTION. AN ADDITIONAL FLEXIBLE CONNECTION SHALL BE PLACED 24" OUTSIDE BASE.
2. IF PIPE CROWN TO FINISH GRADE IS BETWEEN 30" AND 39", USE A 18" CONE. IF LESS THAN 30" USE A FLAT SLAB TOP.

ABANDON STORM DRAIN PIPE

PRE CAST REINFORCED MANHOLE SECTIONS (REBAR NOT SHOWN)
CONSTRUCTION NOTES

1. PIPE TO BE LAID WITH LABEL UP ON EACH JOINT.
2. COMPACTION IS RELATIVE TO CALTRANS CALIFORNIA TEST 231F OR ASTM 1557.
3. INSTALL #10 TRACER WIRE ON ALL APPURTENANCES.
4. PIPE ZONE BACKFILL SHALL BE 3/8" MINUS IMPORTED SCREENED SAND WITH MIN SAND EQUIVALENT OF 50 PER CALIFORNIA TEST 217-G. IF GROUND WATER IS ENCOUNTERED USE 1" UNIFORM CRUSHED OR NON CRUSHED DRAIN ROCK FREE OF ORGANIC MATTER. DRAIN ROCK TO BE WRAPPED IN GEOTEXTILE FABRIC.

NOTES:

1. PERMANENT PAVING TO BE COORDINATED WITH 2.5" COLD PLANE & HMA IMPROVEMENTS PER UPPER BROADWAY BIKE LANE PROJECT (NO SURFACE JOINT ALLOWED AT EDGE OF TRENCH AFTER FINAL PAVING).

COLLAR DETAIL

NOT TO SCALE

STORM DRAIN PIPE TRENCH SECTION

NOT TO SCALE

SEWER SERVICE PIPE TRENCH SECTION

NOT TO SCALE

6" OR LESS OF CLEARANCE TO CROSSING PIPE}

NOT TO SCALE
NOTES:
1. STORM AND SEWER LINE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO POTHOLE EXISTING UTILITIES TO CONFIRM EXACT SIZE, DEPTH AND LOCATION OF WHERE ABANDONMENT AND REPLACEMENT WILL OCCUR. ANY CHANGES TO STORM DRAINAGE AND SEWER SERVICE LOCATION AND/OR SIZE SHALL HAVE WRITTEN APPROVAL BY THE ENGINEER.
2. PROTECT EXISTING UTILITIES NOT IDENTIFIED FOR REMOVAL IN PLACE.

ADDRESS 1676

ADDRESS 1540 - 1560

ADDRESS 1390 - 1449
NOTE:
1. STORM DRAIN CROSSING LABELS BASED ON AVAILABLE INFORMATION. (E)SERVICE CROSSINGS NOT LABELED FOR CLARITY. CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO PROTECT (E)UTILITIES IN PLACE.
2. LOCATIONS OF THE SHOWN UTILITIES WERE DETERMINED BY THE FOLLOWING METHODS: UTILITY MARKOUT, FIELD SURVEY. ALL LOCATIONS ARE APPROXIMATE AND ARE TO BE ASSUMED TO HAVE BEEN DETERMINED BY SUBSURFACE UTILITY ENGINEERING QUALITY LEVEL D METHODS (ASCE CI 38-02).

CONSTRUCTION NOTES:
3. REMOVE AND REPLACE SANITARY SEWER SERVICE FROM BACK OF WALK TO SSMH WITH 6" PVC SDR 26. (MAX DEPTH: 8 FT) CONNECT TO DI INV OUT: 1971.8

BENCHMARK DATA

NOTE: R/W = RIGHT-OF-WAY

GRID EASTING
GRID NORTHING
BENCHMARK DATA
POINT DESCRIPTION

2030877.94
6910263.77
1973.60
MAG NAIL WITH WASHER