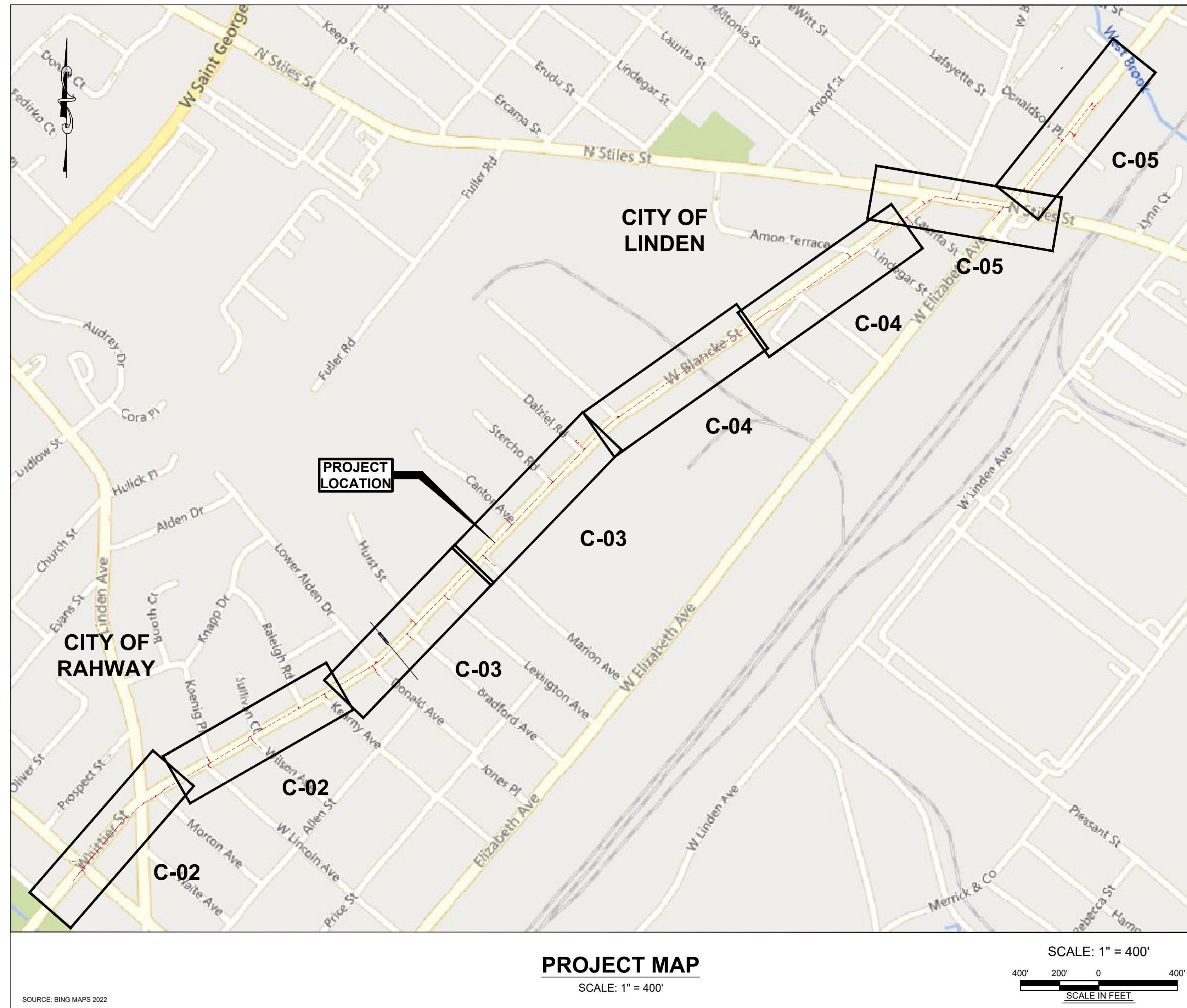


CONSTRUCTION PLAN FOR WHITTIER ST TO W ELIZABETH AVE, RAHWAY-LINDEN LARGE DIAMETER 16" EP CI REPLACEMENT PROJECT

CITY OF RAHWAY / CITY OF LINDEN
UNION COUNTY, NEW JERSEY



CITY OF RAHWAY

DONALD AVE, KEARNY AVE, KOENIG PL, W LINCOLN AVE, LINDEN AVE, LOWER ALDEN DR, MORTON AVE, RALEIGH RD, RIVER RD, SULLIVAN CT, WHITTIER ST AND WILSON AVE

P:\04001078\DWG\GIS\U-EP\RAHWAY\Whittier St to W Elizabeth Ave, Rahway-Linden
 16" EP CI Replacement.dwg
 3/13/2023
 jll@ctz

- GENERAL NOTES:**
- THE PROPOSED 16" EP STEEL MAIN SHALL BE PRESSURE TESTED TO A MINIMUM OF 90 PSIG FOR A DURATION OF 24 HOURS WITH A RECORDING CHART.
 - ALL STEEL WELDS SHALL BE, AT A MINIMUM, 10% RANDOMLY X-RAYED.
 - MINIMUM DEPTH TO TOP OF PROPOSED 16" PIPE SHALL BE 4'.
 - BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON SURVEY PERFORMED BY PAULUS SOKOLOWSKI & SARTOR, LLC, DURING APRIL - MAY 2022.
 - THE PROPOSED EP MAINS AND SERVICES WILL OPERATE AT 25 PSIG MAX. AND BE AIR TESTED TO A MINIMUM OF 100 PSIG TO ESTABLISH A 60 PSIG MAOP IN THIS SECTION OF OUR SYSTEM FOR FUTURE UPGRADE IF NEEDED.
 - PROPOSED LIMIT OF MILL AND PAVE TO BE REVIEWED WITH NJDOT AT PRE RESTORATION MEETING AFTER ALL GAS WORK HAS BEEN COMPLETED.
 - SOIL CEMENT (MIX 1217D) IS REQUIRED ON ALL EXCAVATIONS UNLESS OTHERWISE SPECIFIED.
 - ALL PROPOSED VALVES WILL BE DESIGNATED "OTHER" UNLESS SPECIFIED OTHERWISE.
 - EXISTING PIPE INFORMATION (WT, COATING, GRADE, SDR, MANUFACTURER, ETC.) IS INDICATED AT TIE-INS IF KNOWN.
 - ALL METERS TO BE MOVED OUTSIDE AS PER OPM DIVISION III, SECTION 12.2.1.

SURVEY LEGEND:

□ STORM INLET	— T — TELEPHONE	⊠ ELECTRIC BOX
— S — SIGN	— S — SANITARY	⊠ WATER VALVE
○ UTILITY POLE	— W — WATER	⊠ SANITARY MANHOLE
★ FIRE HYDRANT	— EU — UNDERGROUND ELECTRIC	⊠ STORM MANHOLE
★ LIGHT	— O/H — OVERHEAD WRES	⊠ ELECTRIC MANHOLE
TC TOP OF CURB	— X — CHAIN LINK FENCE	⊠ TELEPHONE MANHOLE
DC DEPRESSED CURB	— O/H — EDGE OF PAVEMENT	⊠ WATER MANHOLE
BC BOTTOM OF CURB	— P — PROPERTY LINE	
▲ FLOOD LIGHT	— C — CURB	
● BOLLARD POST	— G — GUTTER LINE	
● SPRINKLER	— I — IRON PIPE/IRON PIN	
● TREE/SHRUB	— C — CONCRETE MONUMENT	

LEGEND:

⊠ SLOPED VALVE	⊠ BURNED VALVE	⊠ END CAP	⊠ TRANSITION FITTING	⊠ BLANK FLANGE
⊠ REDUCER	⊠ DRIP	⊠ PCF	⊠ SWAY CONTRACTION	⊠ SPHERICAL TEE
⊠ INSULATED COUPLING	⊠ NONINSULATED COUPLING	⊠ PIPE CROSSING		
— PROPOSED MAIN				
— PROPOSED NON-HP MAIN				
— PROPOSED SERVICE LINE				
— EXISTING LP MAIN (8" W.C. NOP, 14" W.C. MAOP)				
— EXISTING EP MAIN (25 PSIG NOP, 25 PSIG MAOP)				
— EXISTING HP MAIN (125 PSIG NOP, 125 PSIG MAOP)				
— RETIRED MAIN				
— MAIN TO BE RETIRED (AFEWOC: 2004060807528 2005376143290)				
— PROPOSED EP MAIN (AFEWOC: 2004060807528 2005376143290)				
— REGULATOR	⊠ REGULATOR PIT/MAIN	⊠ REGULATOR	⊠ LIQUID SEAT	⊠ TIE-IN

NOTE TO CONTRACTOR:
BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL CONTACT THE "DIG NUMBER" (PHONE 800-272-1000) FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE "DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL UNDERGROUND CONSTRUCTION IN THE AREA OF THE PROJECT.

THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES WHERE POTENTIAL CONFLICTS MAY OCCUR OR WHERE DISCREPANCIES ARE PRESENT BETWEEN THE PLAN AND UNDERGROUND UTILITY MARK-OUTS.

THESE TEST PITS SHALL BE IN ADDITION TO THE SPECIFIED TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY ADDITIONAL MEANS TO DETERMINING THE LOCATION OF UTILITIES IN QUESTION.

ONEX CALL

CALL BEFORE YOU DIG
1-800-272-1000

TO LOCATE UNDERGROUND UTILITIES
IF YOU'RE GOING TO DIG, BLAST OR DRILL,
THREE (3) WORKING DAYS NOTICE

REMEMBER
IT'S THE LAW!
Dig Safely.

REVISION TABLE	
#	DESCRIPTION

PRESSURE GAUGES ARE REQUIRED WHEN STOPPING GAS FLOW

RESTORE ALL DISTURBANCES IN KIND

ELIZABETHTOWN GAS
520 GREEN LANE, UNION, NJ 07083

WHITTIER ST TO W ELIZABETH AVE, RAHWAY/LINDEN
16" EP CI REPLACEMENT
UNION COUNTY NEW JERSEY

SHEET TITLE: COVER SHEET SHEET NUMBER: C-01

DRAWN BY	JD / EG	DATE	03/10/2023
CHECKED BY	EG	SCALE	1" = 400'
APPROVED BY	EG	SHEET	1 OF 8

DIM: AFEWOC# 5008505132717
RETIREMENT AFEWOC# 5000605912391