

REDACTED

jo num: 20-8311119-00 loc num: 8400 supervisor: 8410P PAGE: 03 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:
***** S O D A N D P A V I N G *****
surface broken by: _____ date broken: _____ 2
surface broken: _____ ft from: _____
and: _____ ft from: _____
type broken: _____
size of opening: _____ X _____
depth inches: _____
surface as found: _____
surface as left: _____
authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)
authorized repair surface: _____
actual repair size: _____ X _____
actual repair kind: _____
repaired/completed by: _____ contractor name: _____
charge : _____ : _____ % _____ : _____ % _____ : _____ %
to jo#s _____ : _____ % _____ : _____ % _____ : _____ %
_____ : _____ % _____ : _____ % _____ : _____ %

***** P I P E E X P O S U R E *****
located at: _____ - _____ - _____ - _____ - _____ - _____
county: _____ city: _____ map num: _____
begin street num: _____ end street num: _____
between: _____ - _____ - _____ - _____
and: _____ - _____ - _____ - _____
exposure type: _____
material: _____ pipe cond: _____ corrosion: _____ pits code: _____ intrnl corr: _____
ctg cond: _____ ctg type: _____ ftg expsd: _____ depth cvr: _____ in mtl rmv: _____
year installed: _____ num existing clamps: _____ pipe size code: _____
corr contrl type: _____
num clamps installed: _____ number anodes installed: _____ op press: _____
pipe to soil reading: _____ volts surface cover: _____

----- existing service line data -----
operating pressure: _____ efv (y/n): _____ main number: _____
main size: 000 material: _____ main location: _____
length of service: _____ ft ft
service pipel: size: 000 material: _____ special condition: _____
service pipe2: size: 000 material: _____ repair kind: _____
install date: 00/00/00 00/00/00 repair date: 00/00/00 00/00/00
master tap code: _____ master tap location: _____
curb box location: _____ customer valve location: _____

REDACTED

COLUMBIA GAS DISTRIBUTION COMPANIES
WORK MANAGEMENT SYSTEM
METER MANIFOLD INFORMATION

date: 08/06/2020
time: 08:39

for job order: 20-8311119-00 site id: 921923004

EXISTING METER MANIFOLD DATA

	address	prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?
88	MARKET ST	LAW	B	-	Q02075	02	Y	—	—	—

ADDITIONAL METER MANIFOLD DATA

	address	prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?

COMMENTS

REDACTED



REDACTED



REDACTED



REDACTED



SERVICE LINE RECORD (SLR)

JOB ORDER # 20-8311122-00 FORM COMPL BY: 122461 REDACTED CONSTR COORD: D. Williams

NEW REPLACE ABANDON REPAIR SURVEY TIE-OVER/RECONNECT DATE: 9-9-20

SERVICE ADDRESS 91 Market St CITY Lawrence TCC 8400

PSID/SITE ID 267923005 MT * MASTER TAP REF (ADDR &/OR PSID/SITE ID) CURB BOX LOCATION NCV/CEV Series SSO 51'FB/1'RRB TAP LOCATION HP OP PRESS

MAIN TO PROPERTY LINE OR CURB VALVE LENGTH 18' SIZE 005 MATL P DEPTH (IN) AT INSTALL 30 OP PRESS HP DATE INSTLD/ABN 10/2018 INSTALL MTHD OC CASING MATL REPAIR DATE 09/09/2020 REPAIR KIND R/C

PROPERTY LINE OR CURB VALVE TO METER LENGTH 37' SIZE 005 MATL P DEPTH (IN) AT INSTALL 24 OP PRESS HP DATE INSTLD/ABN 10/2018 INSTALL MTHD OC CASING MATL REPAIR DATE 09/09/2020 REPAIR KIND R/C

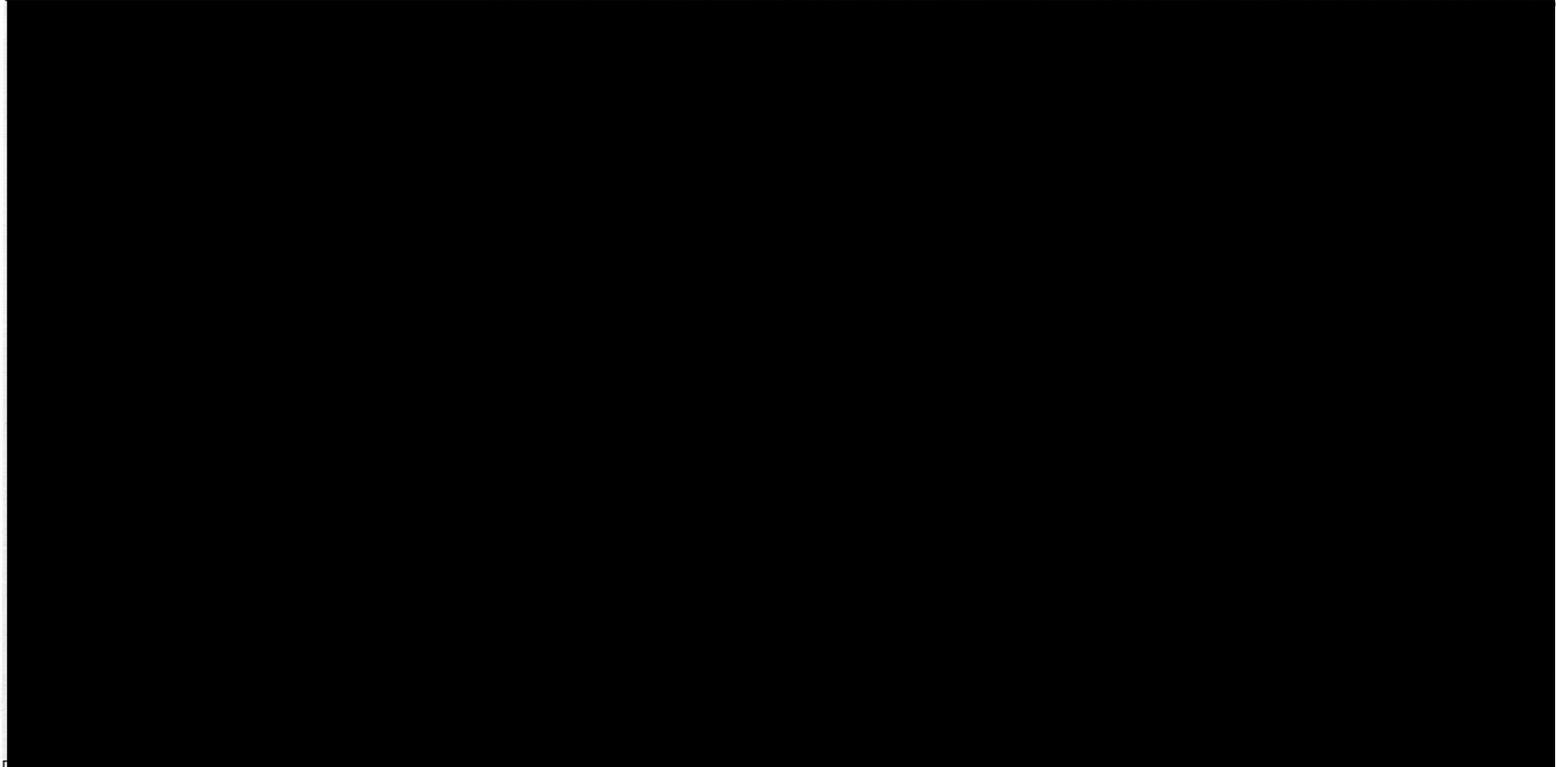
RETIRED PIPE (CMA ONLY) LENGTH SIZE MATL DATE INSTLD DATE ABN MAIN INFO (CMA ONLY) 000-P MAIN SIZE-MATL NEW PIPE FTG INSTLD (CMA ONLY) LENGTH 1' SIZE 005 MATL P

PULL BACK CAMERA USED AND VIDEO VERIFIED CLEAR WITH SITE INVESTIGATION PERFORMED YES NO BY: SEE RELATED SEWER LOCATE CARD YES NO POST SEWER CAMERA REQUIRED YES NO

PRESSURE TESTED PER GAS STANDARD SRV LINE M-PL/CV 17 MINS @ 158 PSIG Soap Test SRV LINE PL/CV-MTR 17 MINS @ 158 PSIG Soap Test PRESSURE TEST BY (SIGNATURE; THEN PRINT NAME & EMPL NUM & CO NAME) Jim Frost FBUR3

PRESSURE VERIFICATION 74 "w.c." PSIG CONTENT VERIFIED: PRESSURE/CONTENT VERIFICATION BY (PRINT NAME & EMPL NUM) Jim Frost FBUR3

ADDITIONAL INFORMATION Retest Svc Line From PT of 3rd Sewer to River - Soap Test All Fittings



PERSONS MAKING WELDS, FUSIONS, AND MECHANICAL FITTING JOINTS
EMPL NUM & CO FB 693 W EF SF BF M
EMPL NUM & CO W EF SF BF M
EMPL NUM & CO W EF SF BF M

POST INSTALL LOCATING PAINT FLAGGED LOCATED

MATERIAL							
SSN	DESCRIPTION	SIZE	QTY INST	SSN	DESCRIPTION	SIZE	QTY INST
<u>43-36-8519</u>	<u>STAB CPLG</u>	<u>005</u>	<u>2</u>				

QA/QC REVIEW BY: Jenny Engler QA/QC REVIEW DATE: 9/14/2020

FOR MORE INFORMATION, REFER TO GS 3020.012 "SERVICE LINE RECORDS"

REFERENCE CODES

DATE FORMAT

ALL DATES TO BE IN MM-DD-YYYY
OR MM/DD/YYYY FORMAT
ACCEPTABLE: 01-31-2007 or 01/31/2007
UNACCEPTABLE: 01-31-07 (MUST USE 4-DIGIT
YEAR)

MASTER TAP

LEAVE BLANK IF ONLY 1 CUST ON SL
(KY, MD, OH, PA, VA)

USE DASH (-) IF ONLY 1 CUST ON SL
(MA)

- * PRIMARY REF BY CB
- + OTHER DOWNSTR CUST
- P SPLIT SERVICE; PRIM SL
- S SPLIT SERVICE; SEC SL

DESIGNATING CB & OTHER LOCATIONS

EXAMPLE:
32 FFB 5 RRB
32 FT FRONT OF FRONT BLDG EDGE
5 FEET RIGHT OF RIGHT BLDG EDGE

For service lines installed with no curb
valve or excess flow valve, enter "NCV."

For service lines installed with no curb
valve and with one or more excess flow
valves, enter "EFV-NCV" or "NCV-EFV."

OP PRESS

- LP LOW PRESSURE
- IP INTERMEDIATE PRESSURE
- MP MEDIUM PRESSURE
- HP HIGH PRESSURE

SIZE CODES

(LARGER SIZES SIMILAR)

- 005 1/2 "
- 007 3/4"
- 010 1"
- 012 1-1/4"
- 015 1-1/2"
- 020 2"
- 030 3"
- 040 4"

MATERIAL CODES

- CI CAST IRON
- CU COPPER
- OT OTHER
- P PLASTIC
- PI PLASTIC INSERT
- S STEEL
- ST STEEL, TREATED
- WI WROUGHT IRON

INSTALLATION METHOD

- OC OPEN CUT
- TO TIE OVER
- PI PLASTIC INSERT
- TT TRENCHLESS TECH

CASING MATERIAL

- S BARE STEEL
- ST COATED STEEL
- P PLASTIC
- PVC PVC
- OT OTHER
- NA NOT APPLICABLE

REPAIR KIND

- CUBOX – curb box
- CUST – repair on customer-owned piping
- EFV – install/replace EFV
- FACDAM – facility damage
- LEAK – leak repair
- RCLASS - reclassification
- REC – plastic reconnect was made
- REINSP – negative reinspection
- RISER – replaced riser
- TEE – replaced or repaired tee
- VALVE – curb valve changed

OBJECT CODES FOR SKETCH

- B BLDG EDGE
- BK BACK
- C CORNER
- CB CATCH BASIN
- CEL CENTER OF EB LANE
- CLP CENTER OF PAVEMENT
- CLR CENTER OF RT OF WAY
- CNL CENTER OF NB LANE
- CO CLEANOUT (SEWER)
- COP CENTER OF PROPERTY
- CSL CENTER OF SB LANE
- CU CURB
- CWL CENTER OF WB LANE
- D DRIVEWAY EDGE
- DS DOWNSPOUT
- EP EDGE OF PAVEMENT
- ES EDGE OF SIDEWALK
- F FRONT
- G GARAGE EDGE
- L LEFT
- LAT LATERAL (SEWER)
- M METER
- MH MANHOLE
- P PORCH EDGE
- PAD TRAILER PAD
- PL PROPERTY LINE
- R RIGHT
- RW RIGHT OF WAY
- SAN SANITARY SEWER
- ST STORM SEWER
- W WATER VALVE
- Y WYE FITTING

JOINT TYPES

- BF BUTT FUSION
- EF ELECTROFUSION
- SF SOCKET FUSION
- M MECHANICAL FITTING
- W WELDED (STEEL)

jo num: 20-8311122-00 loc num: 8400 supervisor: 8410P PAGE: 01 of 03
job type: 2313 specific budget: copy no: 01 on: 08/06/20
job summary: MVI RETEST SERVICE LINES bad weather (y/n): N
job desc: MAINTENANCE OF S.L. status: IP

cdc map num: 013 system number: 80001004 HP maop: 98.0
located at: 91 MARKET ST A
begin street num: end street num:
between:
and:
also known as:
city: LAWRENCE zip: 01843

originated by: U121848 on: 07/28/20 updated by: U125028 on: 08/06/20
wms related jo num: dis related jo num:
project id: 20-73312 project name: DYNAMIC RISK - MVI
co/contract cd: B reimbursable (y/n): N income tax (y/n): N
facility type: facility id:
function type: function id:
co premise id: psid: 267923005
county name: ESSEX
taxing district: 0000402 mult tax dist (y/n): _
incorporated place: LAWRENCE
county subdivision:
assess district 1:
assess district 2:
permits required:

committed date: target date: start date: 07/31/20
duration: 4:00 num in crew: 2 manhours: 8.0
dpi ref #: leak grade: mult facility (y/n): N

scheduling: 20
CUSTOMER BUSINESS PHONE: () -
MET INFO: LOC CD: 04 NUMBER: H65657 KIND-SIZE: 210
REG INFO: TYPE: NUM INSTLD: 0 INSPECTION:
LOC INFO: SUBDIV: LOT NUM:
PLMBR: PHONE: (000)000-0000
CNTRCTR: PHONE: (000)000-0000
CURB BOX LOC: SL (SHORT/LONG):
MAIN LOC: LOAD MCF: 000000 PIPE SZ: 000
LE INFO: SIZE: 000000 AMT: 0000000.00 LENGTH: 000000

REDACTED

jo num: 20-8311122-00 loc num: 8400 supervisor: 8410P PAGE: 02 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:
***** E X E C U T I O N *****
remarks: _____

line markers and signs inspected (y/n): _____
facility failures (y/n): _____ damages by others (y/n): _____
damages to others (y/n): _____ map corrections (y/n): _____

***** C H A R G E T O I N F O R M A T I O N *****
80-0384000-0384000-00080-02313- -89200000:100%

: _____%

***** F U R T H E R A C T I O N R E Q U I R E D *****
job type: _____ job summary: _____
remarks: _____

***** A T T A C H M E N T S *****
detail: contracts: materials: X execute detail:
pipe exposure: X facility: f.a.r.: X sketch: _____

I HAVE COMPLETED THIS JOB ORDER IN COMPLIANCE WITH ALL APPLICABLE POLICIES AND PROCEDURES. DAVE WILLIAMS (COMPANY REPRESENTATIVE) 09/09, 2020

***** M A T E R I A L S *****

stock description	uom	est	net	ord	truck	inst	lost	trans	trans	to/from	quantity
											ssn
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

***** S O D A N D P A V I N G *****

surface broken by: _____ date broken: _____ 1
surface broken: _____ ft from: _____
and: _____ ft from: _____
type broken: _____
size of opening: _____ X _____
depth inches: _____
surface as found: _____
surface as left: _____
authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)
authorized repair surface: _____
actual repair size: _____ X _____
actual repair kind: _____
repaired/completed by: _____ contractor name: _____
charge : _____ : _____% _____ : _____% _____ : _____%
to jo#s _____ : _____% _____ : _____% _____ : _____%
_____ : _____% _____ : _____% _____ : _____%

REDACTED

jo num: 20-8311122-00 loc num: 8400 supervisor: 8410P PAGE: 03 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:
***** S O D A N D P A V I N G *****
surface broken by: _____ date broken: _____ 2
surface broken: _____ ft from: _____
and: _____ ft from: _____
type broken: _____
size of opening: _____ X _____
depth inches: _____
surface as found: _____
surface as left: _____
authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)
authorized repair surface: _____
actual repair size: _____ X _____
actual repair kind: _____

repaired/completed by: _____ contractor name: _____
charge : _____ : _____ % _____ : _____ % _____ : _____ %
to jo#s _____ : _____ % _____ : _____ % _____ : _____ %
_____ : _____ % _____ : _____ % _____ : _____ %

***** P I P E E X P O S U R E *****
located at: _____ - _____ - _____ - _____ - _____ - _____
county: _____ city: _____ map num: _____
begin street num: _____ end street num: _____
between: _____ - _____ - _____ - _____
and: _____ - _____ - _____ - _____
exposure type: _____
material: _____ pipe cond: _____ corrosion: _____ pits code: _____ intrnl corr: _____
ctg cond: _____ ctg type: _____ ftg expsd: _____ depth cvr: _____ in mtl rmv: _____
year installed: _____ num existing clamps: _____ pipe size code: _____
corr contrl type: _____
num clamps installed: _____ number anodes installed: _____ op press: _____
pipe to soil reading: _____ volts surface cover: _____

----- existing service line data -----
operating pressure: _____ efv (y/n): _____ main number: _____
main size: 000 material: _____ main location: _____
length of service: _____ ft ft
service pipel: size: 000 material: _____ special condition: _____
service pipe2: size: 000 material: _____ repair kind: _____
install date: 00/00/00 00/00/00 repair date: 00/00/00 00/00/00
master tap code: _____ master tap location: _____
curb box location: _____ customer valve location: _____

REDACTED
COLUMBIA GAS DISTRIBUTION COMPANIES
WORK MANAGEMENT SYSTEM
METER MANIFOLD INFORMATION

date: 08/06/2020
time: 08:39

for job order: 20-8311122-00 site id: 267923005

EXISTING METER MANIFOLD DATA

	address	prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?
91	MARKET ST A LAW, MA 0	B	*	H65657	21	04	N	—	—	—
91	MARKET ST B LAW, MA 0	B	+	H32540	21	04	N	—	—	—

ADDITIONAL METER MANIFOLD DATA

	address	prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?

COMMENTS

91 mannet s...AW

REDACTED



91 Market St, WAD

REDACTED



SERVICE LINE RECORD (SLR)

JOB ORDER # 20-8311120-00 FORM COMPL BY: 122461 REDACTED CONSTR COORD: D. Williams DATE: 09/09/20

SERVICE ADDRESS 93 Market ST CITY Lawrence TCC 2400

PSID/SITE ID 314033007 MT * MASTER TAP REF (ADDR &/OR PSID/SITE ID) CURB BOX LOCATION LEV-550/MCV TAP LOCATION 40' FFB/8'RFB OP PRESS HP

MAIN TO PROPERTY LINE OR CURB VALVE LENGTH 20' SIZE 005 MATL P DEPTH (IN) AT INSTALL 30 OP PRESS HP DATE INSTLD/ABN 10/2018 INSTALL MTHD OC CASING MATL REPAIR DATE 09/09/2020 REPAIR KIND Rec

PROPERTY LINE OR CURB VALVE TO METER LENGTH 28' SIZE 005 MATL P DEPTH (IN) AT INSTALL 24 OP PRESS HP DATE INSTLD/ABN 10/2018 INSTALL MTHD OC CASING MATL REPAIR DATE 09/09/2020 REPAIR KIND Rec

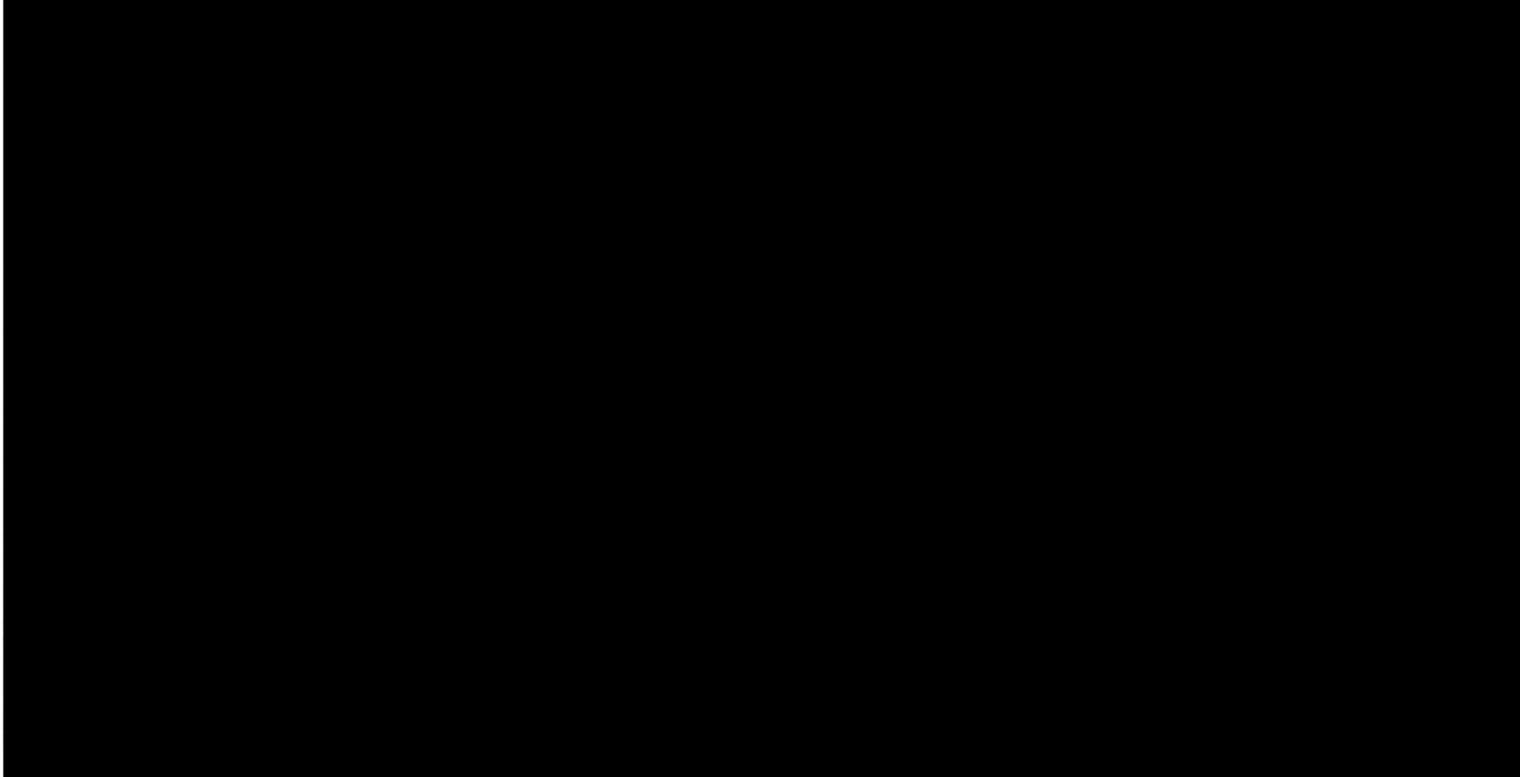
RETIRED PIPE (CMA ONLY) LENGTH SIZE MATL DATE INSTLD DATE ABN MAIN INFO (CMA ONLY) 020-P MAIN SIZE-MATL NEW PIPE FTG INSTLD (CMA ONLY) 1' SIZE 005 MATL P

PULL BACK CAMERA USED AND VIDEO VERIFIED CLEAR WITH SITE INVESTIGATION PERFORMED YES NO BY: SEE RELATED SEWER LOCATE CARD YES NO POST SEWER CAMERA REQUIRED YES NO

PRESSURE TESTED PER GAS STANDARD SRV LINE M-PL/CV 17 MINS @ 158 PSIG Soap Test SRV LINE PL/CV-MTR 17 MINS @ 158 PSIG Soap Test PRESSURE TEST BY (SIGNATURE; THEN PRINT NAME & EMPL NUM & CO NAME) Jim Frost FB693

PRESSURE VERIFICATION 74" w.c. PSIG CONTENT VERIFIED: PRESSURE/CONTENT VERIFICATION BY (PRINT NAME & EMPL NUM) Jim Frost FB693

ADDITIONAL INFORMATION Retest svc line from pt of penetration to riser. Soap test all fittings ex



EMPL NUM & CO FB693 W EF SF BF M EMPL NUM & CO W EF SF BF M

EMPL NUM & CO W EF SF BF M EMPL NUM & CO W EF SF BF M

POST INSTALL LOCATING PAINT FLAGGED LOCATED

Table with columns: SSN, DESCRIPTION, SIZE, QTY INST, SSN, DESCRIPTION, SIZE, QTY INST. Row 1: 43-36-8519, STAG-CPLG, 005, 2

QA/QC REVIEW BY: [Signature] QA/QC REVIEW DATE: 9/14/2020

SERVICE LINE RECORD (SLR)

FOR MORE INFORMATION, REFER TO GS 3020.012 "SERVICE LINE RECORDS" REDACTED

REFERENCE CODES

DATE FORMAT

ALL DATES TO BE IN MM-DD-YYYY
OR MM/DD/YYYY FORMAT
ACCEPTABLE: 01-31-2007 or 01/31/2007
UNACCEPTABLE: 01-31-07 (MUST USE 4-DIGIT YEAR)

MASTER TAP

LEAVE BLANK IF ONLY 1 CUST ON SL
(KY, MD, OH, PA, VA)

USE DASH (-) IF ONLY 1 CUST ON SL
(MA)

- * PRIMARY REF BY CB
- + OTHER DOWNSTR CUST
- P SPLIT SERVICE; PRIM SL
- S SPLIT SERVICE; SEC SL

DESIGNATING CB & OTHER LOCATIONS

EXAMPLE:

32 FFB 5 RRB
32 FT FRONT OF FRONT BLDG EDGE
5 FEET RIGHT OF RIGHT BLDG EDGE

For service lines installed with no curb valve or excess flow valve, enter "NCV."

For service lines installed with no curb valve and with one or more excess flow valves, enter "EFV-NCV" or "NCV-EFV."

OP PRESS

- LP LOW PRESSURE
- IP INTERMEDIATE PRESSURE
- MP MEDIUM PRESSURE
- HP HIGH PRESSURE

SIZE CODES

(LARGER SIZES SIMILAR)

- 005 1/2 "
- 007 3/4"
- 010 1"
- 012 1-1/4"
- 015 1-1/2"
- 020 2"
- 030 3"
- 040 4"

MATERIAL CODES

- CI CAST IRON
- CU COPPER
- OT OTHER
- P PLASTIC
- PI PLASTIC INSERT
- S STEEL
- ST STEEL, TREATED
- WI WROUGHT IRON

INSTALLATION METHOD

- OC OPEN CUT
- TO TIE OVER
- PI PLASTIC INSERT
- TT TRENCHLESS TECH

CASING MATERIAL

- S BARE STEEL
- ST COATED STEEL
- P PLASTIC
- PVC PVC
- OT OTHER
- NA NOT APPLICABLE

REPAIR KIND

- CUBOX – curb box
- CUST – repair on customer-owned piping
- EFV – install/replace EFV
- FACDAM – facility damage
- LEAK – leak repair
- RCLASS - reclassification
- REC – plastic reconnect was made
- REINSP – negative reinspection
- RISER – replaced riser
- TEE – replaced or repaired tee
- VALVE – curb valve changed

OBJECT CODES FOR SKETCH

- B BLDG EDGE
- BK BACK
- C CORNER
- CB CATCH BASIN
- CEL CENTER OF EB LANE
- CLP CENTER OF PAVEMENT
- CLR CENTER OF RT OF WAY
- CNL CENTER OF NB LANE
- CO CLEANOUT (SEWER)
- COP CENTER OF PROPERTY
- CSL CENTER OF SB LANE
- CU CURB
- CWL CENTER OF WB LANE
- D DRIVEWAY EDGE
- DS DOWNSPOUT
- EP EDGE OF PAVEMENT
- ES EDGE OF SIDEWALK
- F FRONT
- G GARAGE EDGE
- L LEFT
- LAT LATERAL (SEWER)
- M METER
- MH MANHOLE
- P PORCH EDGE
- PAD TRAILER PAD
- PL PROPERTY LINE
- R RIGHT
- RW RIGHT OF WAY
- SAN SANITARY SEWER
- ST STORM SEWER
- W WATER VALVE
- Y WYE FITTING

JOINT TYPES

- BF BUTT FUSION
- EF ELECTROFUSION
- SF SOCKET FUSION
- M MECHANICAL FITTING
- W WELDED (STEEL)

jo num: 20-8311120-00 loc num: 8400 ^{REDACTED} supervisor: 8410P PAGE: 01 of 03
job type: 2313 specific budget: copy no: 01 on: 08/06/20
job summary: MVI RETEST SERVICE LINES bad weather (y/n): N
job desc: MAINTENANCE OF S.L. status: PE

cdc map num: 013 system number: 80001004 HP maop: 98.0
located at: 93 MARKET ST
begin street num: end street num:
between:
and:
also known as:
city: LAWRENCE zip: 01843

originated by: U121848 on: 07/28/20 updated by: U125028 on: 08/06/20
wms related jo num: dis related jo num:
project id: 20-73312 project name: DYNAMIC RISK - MVI
co/contract cd: B reimbursable (y/n): N income tax (y/n): N
facility type: facility id:
function type: function id:
co premise id: psid: 314033007
county name: ESSEX
taxing district: 0000402 mult tax dist (y/n): _
incorporated place: LAWRENCE
county subdivision:
assess district 1:
assess district 2:
permits required:

committed date: target date: start date: 07/31/20
duration: 4:00 num in crew: 2 manhours: 8.0
dpi ref #: leak grade: mult facility (y/n): N
scheduling: 20

CUSTOMER BUSINESS PHONE: () -
MET INFO: LOC CD: 04 NUMBER: Q07111 KIND-SIZE: 210
REG INFO: TYPE: NUM INSTLD: 0 INSPECTION:
LOC INFO: SUBDIV: LOT NUM:
PLMBR: PHONE: (000)000-0000
CNTRCTR: PHONE: (000)000-0000
CURB BOX LOC: SL (SHORT/LONG):
MAIN LOC: LOAD MCF: 000000 PIPE SZ: 000
LE INFO: SIZE: 000000 AMT: 0000000.00 LENGTH: 000000

jo num: 20-8311120-00 loc num: 8400 ^{REDACTED} supervisor: 8410P PAGE: 02 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:

***** E X E C U T I O N *****
remarks: _____

line markers and signs inspected (y/n): _____
facility failures (y/n): _____ damages by others (y/n): _____
damages to others (y/n): _____ map corrections (y/n): _____

***** C H A R G E T O I N F O R M A T I O N *****
80-0384000-0384000-00080-02313- -89200000:100%

_____ : _____%

***** F U R T H E R A C T I O N R E Q U I R E D *****
job type: _____ job summary: _____
remarks: _____

***** A T T A C H M E N T S *****
detail: _____ contracts: _____ materials: X execute detail: _____
pipe exposure: X facility: _____ f.a.r.: X sketch: _____

I HAVE COMPLETED THIS JOB ORDER IN COMPLIANCE WITH ALL APPLICABLE POLICIES AND PROCEDURES. DAVE WILLIAMS (COMPANY REPRESENTATIVE) 09/09, 2020

***** M A T E R I A L S *****
----- quantity -----

stock description	uom	est	net	ord	truck	inst	lost	trans	trans to/from
ssn									

***** S O D A N D P A V I N G *****
surface broken by: _____ date broken: _____ 1

surface broken: _____ ft from: _____
and: _____ ft from: _____

type broken: _____
size of opening: _____ X _____

depth inches: _____
surface as found: _____

surface as left: _____
authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)

authorized repair surface: _____
actual repair size: _____ X _____

actual repair kind: _____

repaired/completed by: _____ contractor name: _____
charge : _____ : _____ % _____ : _____ % _____ : _____ %
to jo#s _____ : _____ % _____ : _____ % _____ : _____ %
_____ : _____ % _____ : _____ % _____ : _____ %

REDACTED

jo num: 20-8311120-00 loc num: 8400 supervisor: 8410P PAGE: 03 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:

***** S O D A N D P A V I N G *****

surface broken by: _____ date broken: _____ 2

surface broken: _____ ft from: _____

and: _____ ft from: _____

type broken: _____

size of opening: _____ X _____

depth inches: _____

surface as found: _____

surface as left: _____

authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)

authorized repair surface: _____

actual repair size: _____ X _____

actual repair kind: _____

repaired/completed by: _____ contractor name: _____

charge : _____ : _____ % _____ : _____ % _____ : _____ %

to jo#s _____ : _____ % _____ : _____ % _____ : _____ %

_____ : _____ % _____ : _____ % _____ : _____ %

***** P I P E E X P O S U R E *****

located at: _____ - _____ - _____ - _____ - _____ - _____

county: _____ city: _____ map num: _____

begin street num: _____ end street num: _____

between: _____ - _____ - _____ - _____

and: _____ - _____ - _____ - _____

exposure type: _____

material: _____ pipe cond: _____ corrosion: _____ pits code: _____ intrnl corr: _____

ctg cond: _____ ctg type: _____ ftg expsd: _____ depth cvr: _____ in mtl rmv: _____

year installed: _____ num existing clamps: _____ pipe size code: _____

corr contrl type: _____

num clamps installed: _____ number anodes installed: _____ op press: _____

pipe to soil reading: _____ volts surface cover: _____

----- existing service line data -----

operating pressure: _____ efv (y/n): _____ main number: _____

main size: 000 material: _____ main location: _____

length of service: _____ ft _____ ft

service pipel: size: 000 material: _____ special condition: _____

service pipe2: size: 000 material: _____ repair kind: _____

install date: 00/00/00 00/00/00 repair date: 00/00/00 00/00/00

master tap code: _____ master tap location: _____

curb box location: _____ customer valve location: _____

REDACTED
 COLUMBIA GAS DISTRIBUTION COMPANIES
 WORK MANAGEMENT SYSTEM
 METER MANIFOLD INFORMATION

for job order: 20-8311120-00 site id: 314033007

EXISTING METER MANIFOLD DATA

address			prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?
93	MARKET ST	LAW, MA 01	B	*	Q07111	21	04	N	—	—	—
93	MARKET ST	LAW, MA 01	B	*	Q07111	21	04	N	—	—	—
95	MARKET ST	FL 1 LAW, M	B	+	Q07117		04	Y	—	—	—
93	MARKET ST	FL 3 LAW, M	B	+	P02659		04	N	—	—	—

ADDITIONAL METER MANIFOLD DATA

address			prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?

COMMENTS

REDACTED



REDACTED



SERVICE LINE RECORD (SLR)

JOB ORDER # 20-8311121-00 FORM COMPL BY: 122461 REDACTED CONSTR COORD: D. Williams
 NEW REPLACE ABANDON REPAIR SURVEY TIE-OVER/RECONNECT DATE: 09/09/2020

SERVICE ADDRESS 94 Market ST CITY: Lawrence ZIP: 01400

PSID/SITE ID 20133000 MT * MASTER TAP REF (ADDR &/OR PSID/SITE ID) CURB BOX LOCATION MCU/CFV Series 550 TAP LOCATION 60 LFB/1LLB OP PRESS HP

MAIN TO PROPERTY LINE OR CURB VALVE LENGTH 45 SIZE 005 MATL P DEPTH (IN) AT INSTALL 30 OP PRESS HP DATE INSTLD/ABN 10/2018 INSTALL MTHD OC CASING MATL REPAIR DATE 09/09/2020 REPAIR KIND REC

PROPERTY LINE OR CURB VALVE TO METER LENGTH 15 SIZE 005 MATL P DEPTH (IN) AT INSTALL 24 OP PRESS HP DATE INSTLD/ABN 10/2018 INSTALL MTHD OC CASING MATL REPAIR DATE 09/09/2020 REPAIR KIND REC

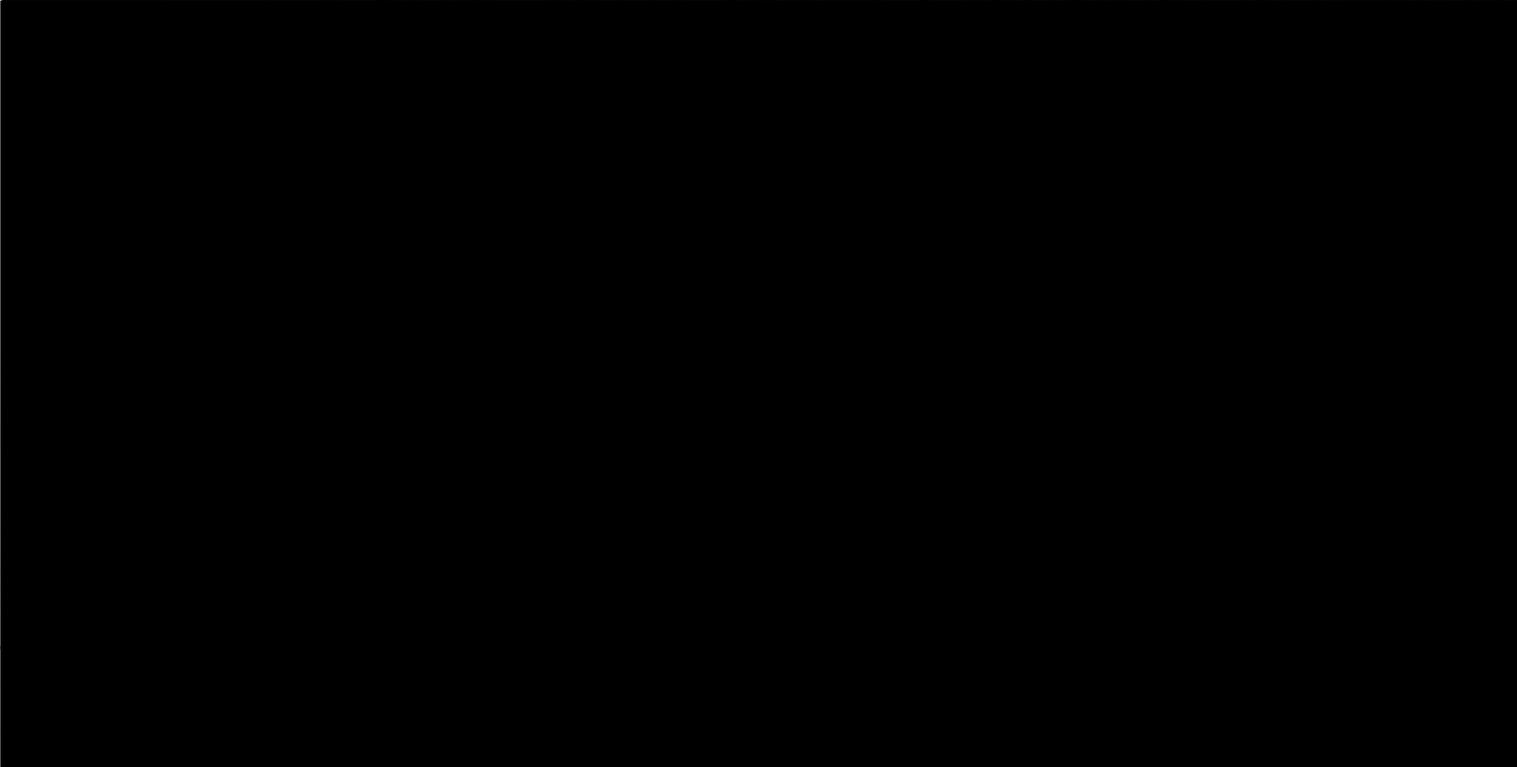
RETIRED PIPE (CMA ONLY) LENGTH SIZE MATL DATE INSTLD DATE ABN MAIN INFO (CMA ONLY) 020/P MAIN SIZE-MATL NEW PIPE FTG INSTLD (CMA ONLY) LENGTH 1' SIZE 005 MATL P

PULL BACK CAMERA USED AND VIDEO VERIFIED CLEAR WITH SITE INVESTIGATION PERFORMED YES NO BY: SEE RELATED SEWER LOCATE CARD YES NO POST SEWER CAMERA REQUIRED YES NO

PRESSURE TESTED PER GAS STANDARD SRV LINE M-PL/CV 20 MINS @ 162 PSIG Soap Test SRV LINE PL/CV-MTR 20 MINS @ 162 PSIG Soap Test PRESSURE TEST BY (SIGNATURE; THEN PRINT NAME & EMPL NUM & CO NAME) Jim Frost FB093

PRESSURE VERIFICATION "w.c." PSIG CONTENT VERIFIED: PRESSURE/CONTENT VERIFICATION BY (PRINT NAME & EMPL NUM) Jim Frost FB093

ADDITIONAL INFORMATION Retest Jvc Line From PT of Separation To River / Smokey Hill Estuary (2020)



PERSONS MAKING WELDS, FUSIONS, AND MECHANICAL FITTING JOINTS
EMPL NUM & CO FB093 W EF SF BF M EMPL NUM & CO W EF SF BF M
EMPL NUM & CO W EF SF BF M EMPL NUM & CO W EF SF BF M

POST INSTALL LOCATING PAINT FLAGGED LOCATED

MATERIAL

SSN	DESCRIPTION	SIZE	QTY INST	SSN	DESCRIPTION	SIZE	QTY INST
<u>43-36-8519</u>	<u>STnb CPLG</u>	<u>005</u>	<u>2</u>				

QA/QC REVIEW BY: [Signature] QA/QC REVIEW DATE: 9/14/2020

FOR MORE INFORMATION, REFER TO GS 3020.012 "SERVICE LINE RECORDS"

REFERENCE CODES

DATE FORMAT

ALL DATES TO BE IN MM-DD-YYYY
OR MM/DD/YYYY FORMAT
ACCEPTABLE: 01-31-2007 or 01/31/2007
UNACCEPTABLE: 01-31-07 (MUST USE 4-DIGIT
YEAR)

MASTER TAP

LEAVE BLANK IF ONLY 1 CUST ON SL
(KY, MD, OH, PA, VA)

USE DASH (-) IF ONLY 1 CUST ON SL
(MA)

- * PRIMARY REF BY CB
- + OTHER DOWNSTR CUST
- P SPLIT SERVICE; PRIM SL
- S SPLIT SERVICE; SEC SL

DESIGNATING CB & OTHER LOCATIONS

EXAMPLE:
32 FFB 5 RRB
32 FT FRONT OF FRONT BLDG EDGE
5 FEET RIGHT OF RIGHT BLDG EDGE

For service lines installed with no curb
valve or excess flow valve, enter "NCV."

For service lines installed with no curb
valve and with one or more excess flow
valves, enter "EFV-NCV" or "NCV-EFV."

OP PRESS

- LP LOW PRESSURE
- IP INTERMEDIATE PRESSURE
- MP MEDIUM PRESSURE
- HP HIGH PRESSURE

SIZE CODES

(LARGER SIZES SIMILAR)

- 005 1/2 "
- 007 3/4"
- 010 1"
- 012 1-1/4"
- 015 1-1/2"
- 020 2"
- 030 3"
- 040 4"

MATERIAL CODES

- CI CAST IRON
- CU COPPER
- OT OTHER
- P PLASTIC
- PI PLASTIC INSERT
- S STEEL
- ST STEEL, TREATED
- WI WROUGHT IRON

INSTALLATION METHOD

- OC OPEN CUT
- TO TIE OVER
- PI PLASTIC INSERT
- TT TRENCHLESS TECH

CASING MATERIAL

- S BARE STEEL
- ST COATED STEEL
- P PLASTIC
- PVC PVC
- OT OTHER
- NA NOT APPLICABLE

REPAIR KIND

- CUBOX – curb box
- CUST – repair on customer-owned piping
- EFV – install/replace EFV
- FACDAM – facility damage
- LEAK – leak repair
- RCLASS - reclassification
- REC – plastic reconnect was made
- REINSP – negative reinspection
- RISER – replaced riser
- TEE – replaced or repaired tee
- VALVE – curb valve changed

OBJECT CODES FOR SKETCH

- B BLDG EDGE
- BK BACK
- C CORNER
- CB CATCH BASIN
- CEL CENTER OF EB LANE
- CLP CENTER OF PAVEMENT
- CLR CENTER OF RT OF WAY
- CNL CENTER OF NB LANE
- CO CLEANOUT (SEWER)
- COP CENTER OF PROPERTY
- CSL CENTER OF SB LANE
- CU CURB
- CWL CENTER OF WB LANE
- D DRIVEWAY EDGE
- DS DOWNSPOUT
- EP EDGE OF PAVEMENT
- ES EDGE OF SIDEWALK
- F FRONT
- G GARAGE EDGE
- L LEFT
- LAT LATERAL (SEWER)
- M METER
- MH MANHOLE
- P PORCH EDGE
- PAD TRAILER PAD
- PL PROPERTY LINE
- R RIGHT
- RW RIGHT OF WAY
- SAN SANITARY SEWER
- ST STORM SEWER
- W WATER VALVE
- Y WYE FITTING

JOINT TYPES

- BF BUTT FUSION
- EF ELECTROFUSION
- SF SOCKET FUSION
- M MECHANICAL FITTING
- W WELDED (STEEL)

REDACTED

jo num: 20-8311121-00 loc num: 8400 supervisor: 8410P PAGE: 01 of 03
job type: 2313 specific budget: copy no: 01 on: 08/06/20
job summary: MVI RETEST SERVICE LINES bad weather (y/n): N
job desc: MAINTENANCE OF S.L. status: IP

cdc map num: 013 system number: 80001004 HP maop: 98.0
located at: 94 MARKET ST FL 2
begin street num: end street num:
between:
and:
also known as:
city: LAWRENCE zip: 01843

originated by: U121848 on: 07/28/20 updated by: U125028 on: 08/06/20
wms related jo num: dis related jo num:
project id: 20-73312 project name: DYNAMIC RISK - MVI
co/contract cd: B reimbursable (y/n): N income tax (y/n): N
facility type: facility id:
function type: function id:
co premise id: psid: 201133000
county name: ESSEX
taxing district: 0000402 mult tax dist (y/n): _
incorporated place: LAWRENCE
county subdivision:
assess district 1:
assess district 2:
permits required:

committed date: target date: start date: 07/31/20
duration: 4:00 num in crew: 2 manhours: 8.0
dpi ref #: leak grade: mult facility (y/n): N
scheduling: 20

CUSTOMER BUSINESS PHONE: () -
MET INFO: LOC CD: 03 NUMBER: J78475 KIND-SIZE: 210
REG INFO: TYPE: NUM INSTLD: 0 INSPECTION:
LOC INFO: SUBDIV: LOT NUM:
PLMBR: PHONE: (000)000-0000
CNTRCTR: PHONE: (000)000-0000
CURB BOX LOC: SL (SHORT/LONG):
MAIN LOC: LOAD MCF: 000000 PIPE SZ: 000
LE INFO: SIZE: 000000 AMT: 0000000.00 LENGTH: 000000

REDACTED

jo num: 20-8311121-00 loc num: 8400 supervisor: 8410P PAGE: 02 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:
***** E X E C U T I O N *****
remarks: _____

line markers and signs inspected (y/n): _
facility failures (y/n): _ damages by others (y/n): _
damages to others (y/n): _ map corrections (y/n): _

***** C H A R G E T O I N F O R M A T I O N *****
80-0384000-0384000-00080-02313- -89200000:100%

: ___%

***** F U R T H E R A C T I O N R E Q U I R E D *****
job type: ___ job summary: _____
remarks: _____

***** A T T A C H M E N T S *****
detail: contracts: materials: X execute detail:
pipe exposure: X facility: f.a.r.: X sketch: _

I HAVE COMPLETED THIS JOB ORDER IN COMPLIANCE WITH ALL APPLICABLE POLICIES AND PROCEDURES. D. Williams (COMPANY REPRESENTATIVE) 09/09, 2020

***** M A T E R I A L S *****

stock description	uom	est	net	ord	truck	inst	lost	trans	trans	to/from
ssn										
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

***** S O D A N D P A V I N G *****

surface broken by: _____ date broken: _____ 1
surface broken: ___ ft from: _____
and: ___ ft from: _____
type broken: _____
size of opening: _____ X _____
depth inches: _____
surface as found: _____
surface as left: _____
authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)
authorized repair surface: _____
actual repair size: _____ X _____
actual repair kind: _____
repaired/completed by: _____ contractor name: _____
charge : _____ : _____ % _____ : _____ % _____ : _____ %
to jo#s _____ : _____ % _____ : _____ % _____ : _____ %
_____ : _____ % _____ : _____ % _____ : _____ %

REDACTED

jo num: 20-8311121-00 loc num: 8400 supervisor: 8410P PAGE: 03 of 03

job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:

***** S O D A N D P A V I N G *****

surface broken by: _____ date broken: _____ 2

surface broken: _____ ft from: _____

and: _____ ft from: _____

type broken: _____

size of opening: _____ X _____

depth inches: _____

surface as found: _____

surface as left: _____

authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)

authorized repair surface: _____

actual repair size: _____ X _____

actual repair kind: _____

repaired/completed by: _____ contractor name: _____

charge : _____ : _____ % _____ : _____ % _____ : _____ %

to jo#s _____ : _____ % _____ : _____ % _____ : _____ %

_____ : _____ % _____ : _____ % _____ : _____ %

***** P I P E E X P O S U R E *****

located at: _____ - _____ - _____ - _____ - _____ - _____

county: _____ city: _____ map num: _____

begin street num: _____ end street num: _____

between: _____ - _____ - _____ - _____

and: _____ - _____ - _____ - _____

exposure type: _____

material: _____ pipe cond: _____ corrosion: _____ pits code: _____ intrnl corr: _____

ctg cond: _____ ctg type: _____ ftg expsd: _____ depth cvr: _____ in mtl rmv: _____

year installed: _____ num existing clamps: _____ pipe size code: _____

corr contrl type: _____

num clamps installed: _____ number anodes installed: _____ op press: _____

pipe to soil reading: _____ volts surface cover: _____

----- existing service line data -----

operating pressure: _____ efv (y/n): _____ main number: _____

main size: 000 material: _____ main location: _____

length of service: _____ ft _____ ft

service pipel: size: 000 material: _____ special condition: _____

service pipe2: size: 000 material: _____ repair kind: _____

install date: 00/00/00 00/00/00 repair date: 00/00/00 00/00/00

master tap code: _____ master tap location: _____

curb box location: _____ customer valve location: _____

REDACTED

COLUMBIA GAS DISTRIBUTION COMPANIES
WORK MANAGEMENT SYSTEM
METER MANIFOLD INFORMATION

date: 08/06/2020
time: 08:39

for job order: 20-8311121-00 site id: 201133000

EXISTING METER MANIFOLD DATA

address		prem stat	mstr tap	meter no	kind	mtr loc	bypass	flow lmtr	reg ins	correct?
94	MARKET ST FL 2 LAW, M	B	*	J78475	21	03	Y	—	—	—
94	MARKET ST FL 3 LAW, M	B	+	J78373	21	03	Y	—	—	—
96	MARKET ST FL 1 LAW, M	I	+	J12083	21	03	N	—	—	—

ADDITIONAL METER MANIFOLD DATA

address		prem stat	mstr tap	meter no	kind	mtr loc	bypass	flow lmtr	reg ins	correct?
_____	_____	—	—	_____	_____	_____	—	—	—	_____
_____	_____	—	—	_____	_____	_____	—	—	—	_____
_____	_____	—	—	_____	_____	_____	—	—	—	_____
_____	_____	—	—	_____	_____	_____	—	—	—	_____
_____	_____	—	—	_____	_____	_____	—	—	—	_____

COMMENTS

REDACTED



REDACTED



SERVICE LINE RECORD (SLR)

JOB ORDER # 20231112300 FORM COMPL BY: Joe Souza CONSTR COORD: Joe Souza
 NEW REPLACE ABANDON REPAIR SURVEY TIE-OVER/RECONNECT DATE: 09-01-2020

SERVICE ADDRESS <u>32 Ashland St</u>						CITY <u>North Andover</u>			TCC <u>8400</u>				
PSID/SITE ID <u>974233007</u>		MT <u>-</u>	MASTER TAP REF (ADDR &/OR PSID/SITE ID)			CURB BOX LOCATION <u>NLV - EFV</u>			TAP LOCATION <u>6LFB - 186 FFB</u>		OP PRESS <u>H.P</u>		
MAIN TO PROPERTY LINE OR CURB VALVE	LENGTH <u>39'</u>	SIZE <u>010</u>	MATL <u>P</u>	DEPTH (IN) AT INSTALL <u>36"</u>	OP PRESS <u>H.P</u>	DATE INSTLD/ABN <u>10/24/2018</u>	INSTALL MTHD <u>O.C</u>	CASING MATL <u>N/A</u>	REPAIR DATE <u>09/01/2020</u>	REPAIR KIND <u>REL</u>			
PROPERTY LINE OR CURB VALVE TO METER	LENGTH <u>150'</u>	SIZE <u>010</u>	MATL <u>P</u>	DEPTH (IN) AT INSTALL <u>24"</u>	OP PRESS <u>H.P</u>	DATE INSTLD/ABN <u>10/24/2018</u>	INSTALL MTHD <u>O.C</u>	CASING MATL <u>N/A</u>	REPAIR DATE <u>09/01/2020</u>	REPAIR KIND <u>REL</u>			
RETIRED PIPE (CMA ONLY)	LENGTH	SIZE	MATL	DATE INSTLD		DATE ABN		MAIN INFO (CMA ONLY) <u>080.P</u>	MAIN SIZE-MATL	NEW PIPE FTG INSTLD (CMA ONLY)	LENGTH <u>2'</u>	SIZE <u>010</u>	MATL <u>P</u>
PULL BACK CAMERA USED AND VIDEO VERIFIED CLEAR WITH SITE INVESTIGATION PERFORMED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO BY:						SEE RELATED SEWER LOCATE CARD <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			POST SEWER CAMERA REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
PRESSURE TESTED PER GAS STANDARD						PRESSURE TEST BY (SIGNATURE; THEN PRINT NAME & EMPL NUM & CO NAME)							
<input checked="" type="checkbox"/> SRV LINE PL/CV	<u>20</u>	MINS @	<u>158</u>	PSIG	<input checked="" type="checkbox"/> Soap Test	<u>James Frost F80A3</u>							
<input checked="" type="checkbox"/> SRV LINE PL/CV-MTR	<u>20</u>	MINS @	<u>158</u>	PSIG	<input checked="" type="checkbox"/> Soap Test								
PRESSURE VERIFICATION <u>74</u>			<input type="checkbox"/> "w.c.	<input checked="" type="checkbox"/> PSIG	CONTENT VERIFIED: <input checked="" type="checkbox"/>		PRESSURE/CONTENT VERIFICATION BY (PRINT NAME & EMPL NUM) <u>Joe Souza 12448</u>						
ADDITIONAL INFORMATION: <u>Relatively low flow point of separation to sewer - soap test all exposed fittings</u>													

PERSONS MAKING WELDS, FUSIONS, AND MECHANICAL FITTING JOINTS

EMPL NUM & CO <u>693 Feemy</u>	<input type="checkbox"/> W <input checked="" type="checkbox"/> EF <input type="checkbox"/> SF <input type="checkbox"/> BF <input checked="" type="checkbox"/> M	EMPL NUM & CO	<input type="checkbox"/> W <input type="checkbox"/> EF <input type="checkbox"/> SF <input type="checkbox"/> BF <input type="checkbox"/> M
EMPL NUM & CO	<input type="checkbox"/> W <input type="checkbox"/> EF <input type="checkbox"/> SF <input type="checkbox"/> BF <input type="checkbox"/> M	EMPL NUM & CO	<input type="checkbox"/> W <input type="checkbox"/> EF <input type="checkbox"/> SF <input type="checkbox"/> BF <input type="checkbox"/> M

POST INSTALL LOCATING PAINT FLAGGED LOCATED

MATERIAL

SSN	DESCRIPTION	SIZE	QTY INST	SSN	DESCRIPTION	SIZE	QTY INST
<u>43-04-B10</u>	<u>EF CPLG</u>	<u>1"</u>	<u>1</u>				
<u>21-65-8093</u>	<u>Lytic CPLG</u>	<u>1"</u>	<u>1</u>				

QA/QC REVIEW BY: Jenny QA/QC REVIEW DATE: 9/1/2020

SERVICE LINE RECORD (SLR)

REDACTED

FOR MORE INFORMATION, REFER TO GS 3020.012 "SERVICE LINE RECORDS"

REFERENCE CODES

DATE FORMAT

ALL DATES TO BE IN MM-DD-YYYY
 OR MM/DD/YYYY FORMAT
 ACCEPTABLE: 01-31-2007 or 01/31/2007
 UNACCEPTABLE: 01-31-07 (MUST USE 4-DIGIT
 YEAR)

MASTER TAP

LEAVE BLANK IF ONLY 1 CUST ON SL
 (KY, MD, OH, PA, VA)

USE DASH (-) IF ONLY 1 CUST ON SL
 (MA)

- * PRIMARY REF BY CB
- + OTHER DOWNSTR CUST
- P SPLIT SERVICE; PRIM SL
- S SPLIT SERVICE; SEC SL

DESIGNATING CB & OTHER LOCATIONS

EXAMPLE:
 32 FFB 5 RRB
 32 FT FRONT OF FRONT BLDG EDGE
 5 FEET RIGHT OF RIGHT BLDG EDGE

For service lines installed with no curb
 valve or excess flow valve, enter "NCV."

For service lines installed with no curb
 valve and with one or more excess flow
 valves, enter "EFV-NCV" or "NCV-EFV."

OP PRESS

- LP LOW PRESSURE
- IP INTERMEDIATE PRESSURE
- MP MEDIUM PRESSURE
- HP HIGH PRESSURE

SIZE CODES

(LARGER SIZES SIMILAR)

- 005 1/2 "
- 007 3/4"
- 010 1"
- 012 1-1/4"
- 015 1-1/2"
- 020 2"
- 030 3"
- 040 4"

MATERIAL CODES

- CI CAST IRON
- CU COPPER
- OT OTHER
- P PLASTIC
- PI PLASTIC INSERT
- S STEEL
- ST STEEL, TREATED
- WI WROUGHT IRON

INSTALLATION METHOD

- OC OPEN CUT
- TO TIE OVER
- PI PLASTIC INSERT
- TT TRENCHLESS TECH

CASING MATERIAL

- S BARE STEEL
- ST COATED STEEL
- P PLASTIC
- PVC PVC
- OT OTHER
- NA NOT APPLICABLE

REPAIR KIND

- CUBOX – curb box
- CUST – repair on customer-owned piping
- EFV – install/replace EFV
- FACDAM – facility damage
- LEAK – leak repair
- RCLASS - reclassification
- REC – plastic reconnect was made
- REINSP – negative reinspection
- RISER – replaced riser
- TEE – replaced or repaired tee
- VALVE – curb valve changed

OBJECT CODES FOR SKETCH

- B BLDG EDGE
- BK BACK
- C CORNER
- CB CATCH BASIN
- CEL CENTER OF EB LANE
- CLP CENTER OF PAVEMENT
- CLR CENTER OF RT OF WAY
- CNL CENTER OF NB LANE
- CO CLEANOUT (SEWER)
- COP CENTER OF PROPERTY
- CSL CENTER OF SB LANE
- CU CURB
- CWL CENTER OF WB LANE
- D DRIVEWAY EDGE
- DS DOWNSPOUT
- EP EDGE OF PAVEMENT
- ES EDGE OF SIDEWALK
- F FRONT
- G GARAGE EDGE
- L LEFT
- LAT LATERAL (SEWER)
- M METER
- MH MANHOLE
- P PORCH EDGE
- PAD TRAILER PAD
- PL PROPERTY LINE
- R RIGHT
- RW RIGHT OF WAY
- SAN SANITARY SEWER
- ST STORM SEWER
- W WATER VALVE
- Y WYE FITTING

JOINT TYPES

- BF BUTT FUSION
- EF ELECTROFUSION
- SF SOCKET FUSION
- M MECHANICAL FITTING
- W WELDED (STEEL)

jo num: 20-8311123-00 loc num: 8400 supervisor: 8410P PAGE: 01 of 03
job type: 2313 specific budget: copy no: 01 on: 08/06/20
job summary: MVI RETEST SERVICE LINES bad weather (y/n): N
job desc: MAINTENANCE OF S.L. status: PE

cdc map num: 013 system number: 80001004 HP maop: 98.0
located at: 32 ASHLAND ST
begin street num: end street num:
between:
and:
also known as:
city: NORTH ANDOVER zip: 01845

originated by: U121848 on: 07/28/20 updated by: U125028 on: 08/06/20
wms related jo num: dis related jo num:
project id: 20-73312 project name: DYNAMIC RISK - MVI
co/contract cd: B reimbursable (y/n): N income tax (y/n): N
facility type: facility id:
function type: function id:
co premise id: psid: 974233007
county name: ESSEX
taxing district: 0000404 mult tax dist (y/n): _
incorporated place: NORTH ANDOVER
county subdivision:
assess district 1:
assess district 2:
permits required:

committed date: target date: start date: 07/31/20
duration: 4:00 num in crew: 2 manhours: 8.0
dpi ref #: leak grade: mult facility (y/n): N
scheduling: 20

CUSTOMER BUSINESS PHONE: () -
MET INFO: LOC CD: 03 NUMBER: Q02293 KIND-SIZE: 210
REG INFO: TYPE: NUM INSTLD: 0 INSPECTION:
LOC INFO: SUBDIV: LOT NUM:
PLMBR: PHONE: (000)000-0000
CNTRCTR: PHONE: (000)000-0000
CURB BOX LOC: SL (SHORT/LONG):
MAIN LOC: LOAD MCF: 000000 PIPE SZ: 000
LE INFO: SIZE: 000000 AMT: 0000000.00 LENGTH: 000000

Fitter to extend vent

* Fitter Raised vent from ground all distances good.
Joe Souza 9-1-2020

REDACTED

jo num: 20-8311123-00 loc num: 8400 supervisor: 8410P PAGE: 02 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:
***** E X E C U T I O N *****
remarks: _____

line markers and signs inspected (y/n): _____
facility failures (y/n): _____ damages by others (y/n): _____
damages to others (y/n): _____ map corrections (y/n): _____

***** C H A R G E T O I N F O R M A T I O N *****
80-0384000-0384000-00080-02313- -89200000:100%

: _____%

***** F U R T H E R A C T I O N R E Q U I R E D *****
job type: _____ job summary: _____
remarks: _____

***** A T T A C H M E N T S *****
detail: contracts: materials: X execute detail:
pipe exposure: X facility: f.a.r.: X sketch: _____

I HAVE COMPLETED THIS JOB ORDER IN COMPLIANCE WITH ALL APPLICABLE POLICIES AND
PROCEDURES. Joe Lyr (COMPANY REPRESENTATIVE) 09-01, 2020

***** M A T E R I A L S *****
----- quantity -----

stock description	uom	est	net	ord	truck	inst	lost	trans	trans	to/from
ssn										
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

***** S O D A N D P A V I N G *****

surface broken by: _____ date broken: _____ 1

surface broken: _____ ft from: _____
and: _____ ft from: _____

type broken: _____

size of opening: _____ X _____

depth inches: _____

surface as found: _____

surface as left: _____

authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)

authorized repair surface: _____

actual repair size: _____ X _____

actual repair kind: _____

repaired/completed by: _____ contractor name: _____

charge :	_____	: _____%	_____	: _____%	_____	: _____%
to jo#s	_____	: _____%	_____	: _____%	_____	: _____%
	_____	: _____%	_____	: _____%	_____	: _____%

REDACTED

jo num: 20-8311123-00 loc num: 8400 supervisor: 8410P PAGE: 03 of 03
job type: 2313 job summary: MVI RETEST SERVICE LINES specific budget:
***** S O D A N D P A V I N G *****
surface broken by: _____ date broken: _____ 2
surface broken: ____ ft from: _____
and: ____ ft from: _____
type broken: _____
size of opening: _____ X _____
depth inches: _____
surface as found: _____
surface as left: _____
authorized repair size: _____ X _____ completed (y/n) _____ (no f.a.r.)
authorized repair surface: _____
actual repair size: _____ X _____
actual repair kind: _____

repaired/completed by: _____ contractor name: _____
charge : _____ : _____ % _____ : _____ % _____ : _____ %
to jo#s _____ : _____ % _____ : _____ % _____ : _____ %
_____ : _____ % _____ : _____ % _____ : _____ %

***** P I P E E X P O S U R E *****
located at: _____ - _____ - _____ - _____ - _____ - _____
county: _____ city: _____ map num: _____
begin street num: _____ end street num: _____
between: _____ - _____ - _____ - _____
and: _____ - _____ - _____ - _____
exposure type: _____
material: _____ pipe cond: _____ corrosion: _____ pits code: _____ intrnl corr: _____
ctg cond: _____ ctg type: _____ ftg expsd: _____ depth cvr: _____ in mtl rmv: _____
year installed: _____ num existing clamps: _____ pipe size code: _____
corr contrl type: _____
num clamps installed: _____ number anodes installed: _____ op press: _____
pipe to soil reading: _____ volts surface cover: _____

----- existing service line data -----
operating pressure: _____ efv (y/n): _____ main number: _____
main size: 000 material: _____ main location: _____
length of service: _____ ft ft
service pipel: size: 000 material: _____ special condition: _____
service pipe2: size: 000 material: _____ repair kind: _____
install date: 00/00/00 00/00/00 repair date: 00/00/00 00/00/00
master tap code: _____ master tap location: _____
curb box location: _____ customer valve location: _____

REDACTED
COLUMBIA GAS DISTRIBUTION COMPANIES
WORK MANAGEMENT SYSTEM
METER MANIFOLD INFORMATION

date: 08/06/2020
time: 08:39

for job order: 20-8311123-00 site id: 974233007

EXISTING METER MANIFOLD DATA

	address		prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?
32	ASHLAND ST	NAN, MA 0	B	-	Q02293	21	03	Y	—	—	—
32	ASHLAND ST	NAN, MA 0	B	-	Q02293	21	03	Y	—	—	—

ADDITIONAL METER MANIFOLD DATA

	address		prem stat	mstr tap	meter no	kind size	mtr loc	bypass	flow lmtr	reg ins	correct?

COMMENTS

REDACTED

