

GENERAL NOTES

1.

CONTRACTOR IS RESPONSIBLE FOR ALL BYPASS PUMPING IF FLOWS ARE PRESENT.
2.

CIPP INSTALLATION SHALL UTILIZE WATER/STEAM CURE OR UV CURE.
3.

CIPP (WATER OR STEAM CURE)
THICKNESS = REFER TO PIPE THICKNESS TABLE.
ASTM F1216 AND F1713
4.

CIPP (UV CURE)
THICKNESS = REFER TO PIPE THICKNESS TABLE.
ASTM F1216 AND F2019
- CIPP-UV THICKNESS COULD BE REDUCED WITH A HIGHER FLEXURAL MODULUS AT THE CONTRACTOR OPTION BASED UPON FINAL LABORATORY RESULTS OF INSTALLED MATERIAL.
5.

THICKNESSES SHOWN ARE BASED ON MINIMUM VALUES FOR PHYSICAL PROPERTIES OF CIPP FOUND IN ASTM D790 AND THE SPECIFICATIONS. FINAL THICKNESS OF CIPP MAY VARY FROM VALUE SHOWN, BASED UPON CONTRACTORS SUBMITTED PHYSICAL PROPERTIES FOR MATERIALS. CERTIFIED MATERIAL TESTING RESULTS OF FINAL LINER INSTALLED WILL DETERMINE IF THICKNESS SUPPLIED MEEETS THE REQUIREMENTS IN ACCORDANCE WITH ASTM F1216.
6.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES REQUIRED TO INSTALL CIPP. TRAFFIC CONTROL PLANS SHALL COMPLY WITH MUTCD AND BE SUBMITTED TO CITY FOR APPROVAL PRIOR TO START OF WORK. (TRAFFIC MAY BE RESTRICTED TO ONE LANE WHEN NECESSARY, WITH APPROVED TRAFFIC CONTROL, AND ALL WORK CAN BE COMPLETED DURING DAYTIME HOURS.)
7.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SPACE IN EACH MANHOLE TO INSTALL THE NEW LINER OR PLACE ANY EQUIPMENT NECESSARY TO COMPLETE ALL WORK BETWEEN THE STRUCTURES. MANHOLES HAVE A 24" DIAMETER RIM ON A 48" CONE SECTION. REMOVAL OF THE CONE OR SUBSEQUENT LOWER SECTION OF THE 48" DIAMETER BARREL MAY BE NECESSARY TO INSTALL THE LINER. MANHOLE SECTIONS SHALL BE PROTECTED FROM DAMAGE DURING REMOVAL. USE RAM-NEK GASKETS OR OTHER APPROVED JOINT MATERIALS TO PROVIDE A WATERTIGHT SEAL.

STORM PIPE REHABILITATION
BROOKLYN AVENUE



PROJECT #21PW14

PIPE THICKNESS TABLE

LOCATION	PIPE SIZE (in)	CIPP (mm)	CIPP-UV (mm)
MH#1 TO MH#2	48	26.0	16.0
MH#2 TO MH#3	48	28.0	18.0
MH#3 TO MH#4	54	32.0	20.0
MH#4 TO MH#5	54	30.0	18.0
MH#5 TO MH#6	54	30.0	18.0
MH#6 TO MH#7	54	30.0	18.0

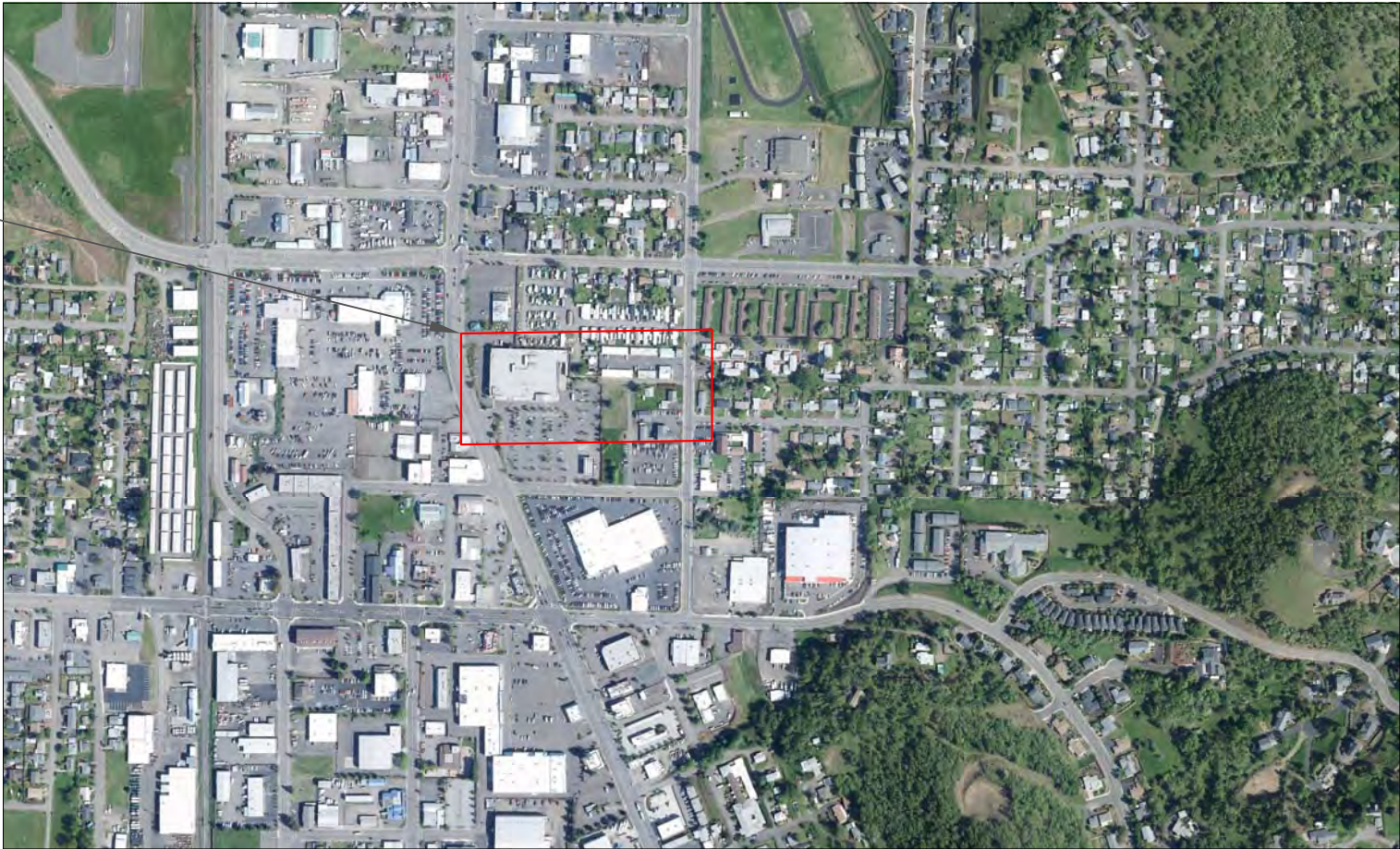
SHEET INDEX

SHEET 1: COVER / DETAILS
SHEET 2: DETAILS

LEGEND

STS TO BE LINED
PROJECT BOUNDRY
EXISTING STS LINE

PROJECT LOCATION



STORM REHABILITATION
BROOKLYN AVENUE

20PW14

CITY OF ROSEBURG
Public Works Department
BRICE PERKINS, P.E. – DIRECTOR
Water Department



DATE:	5/7/2021	DESIGN:	RGH
		DRAWN:	RGH
		SCALE:	N/A
		SHEET:	1/2

GENERAL NOTE #7 COVERS
RESPONSIBILITY OF
CONTRACTOR TO ACCESS
EACH MANHOLE BY
REMOVAL/REPLACEMENT OF
SECTIONS IF NECESSARY

2021 STORM PIPE REHABILITATION

PIPE: 48" DIA ULTRA FLO
PIPE LENGTH: 92'
PIPE GRADE: 8.21% +/-
CONNECTIONS: 0

PIPE: 48" DIA ULTRA FLO
PIPE LENGTH: 273'
PIPE GRADE: 1.74% +/-
CONNECTIONS: 2 - 12" DIA

PIPE: 54" DIA ULTRA FLO
PIPE LENGTH: 76'
PIPE GRADE: 1.38% +/-
CONNECTIONS: 1 - 8" DIA

PIPE: 54" DIA ULTRA FLO
PIPE LENGTH: 168'
PIPE GRADE: 0.60% +/-
CONNECTIONS: 1 - 8" DIA

PIPE: 54" DIA ULTRA FLO
PIPE LENGTH: 244'
PIPE GRADE: 0.60% +/-
CONNECTIONS: 3 - 8" DIA

PIPE: 54" CMP
PIPE LENGTH: 24'
PIPE GRADE: 1.38% +/-
CONNECTIONS: 0

MANHOLE #6
72" DIA PRECAST BASE
FLAT TOP 24" OPENING

MANHOLE #7
INVERT 8.7'

MANHOLE #5
INVERT 11.9'

MANHOLE #6
INVERT 8.7'

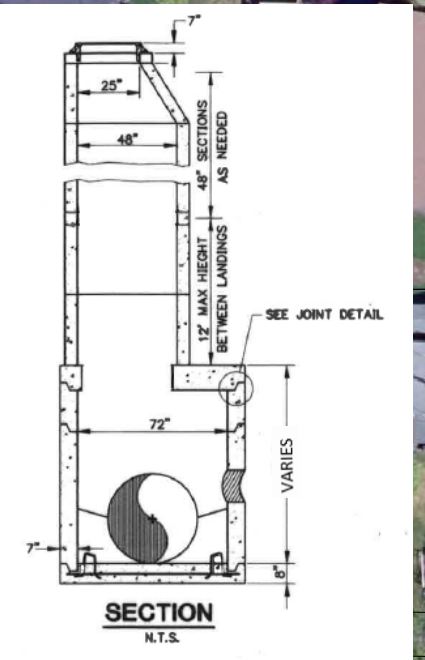
MANHOLE #4
INVERT 11.9'

MANHOLE #3
INVERT 16.1'

MANHOLE #2
INVERT 13.1'

MANHOLE #1
INVERT 13.7'

TYPICAL CONSTRUCTION
MANHOLES # 1-5



MANHOLE #7
CAST-IN-PLACE BASE
WET SET 48" CONE
TO MANHOLE FRAME

1520

1539

618

1562

678

1523

1535

1536



0 62.5 125 250
Feet

1 inch = 80 feet

Disclaimer: The utility information provided on this map, other than the City's water and storm sewer, is for internal City employee use only. No guarantees on accuracy of information provided. The City of Roseburg shall not be responsible for any direct, indirect, incidental, or consequential damages caused by mistakes, omissions, deletions, error, or defects in this information.