Bike Path Drainage Upgrades

Willow Ave to Grove St

November 2, 2017

Introduction

- Mayor Joseph A. Curtatone
- Alderman Lance Davis – Ward 6
- Assistant Director of Engineering – Bryan Manter, P.E.
- Somerville Community Baptist Church – June Denovellis
- Kleinfelder – Design Team

Topics to cover

- Goals of presentation
  - Inform community of project
  - Collect feedback
- Location of project
- History
  - Cira 1901
  - Repairs
  - Design

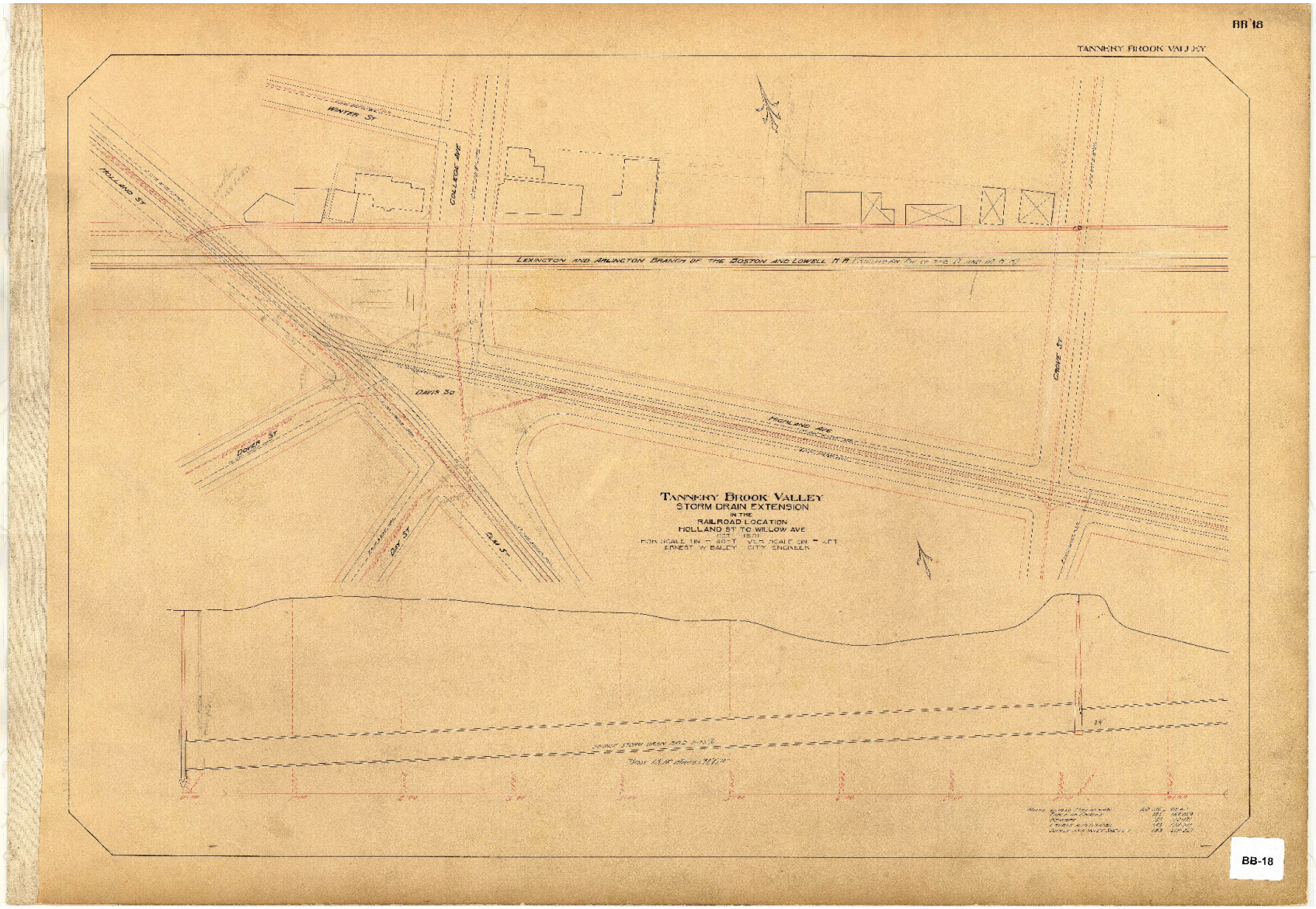
Topics to cover

- Project Overview
  - Techniques to complete the work
    - Excavation
    - CIPP
  - Handrail
  - Newberne
- Restoration
- Easements and Right of Entry
- Schedule
- Contact information
- Questions

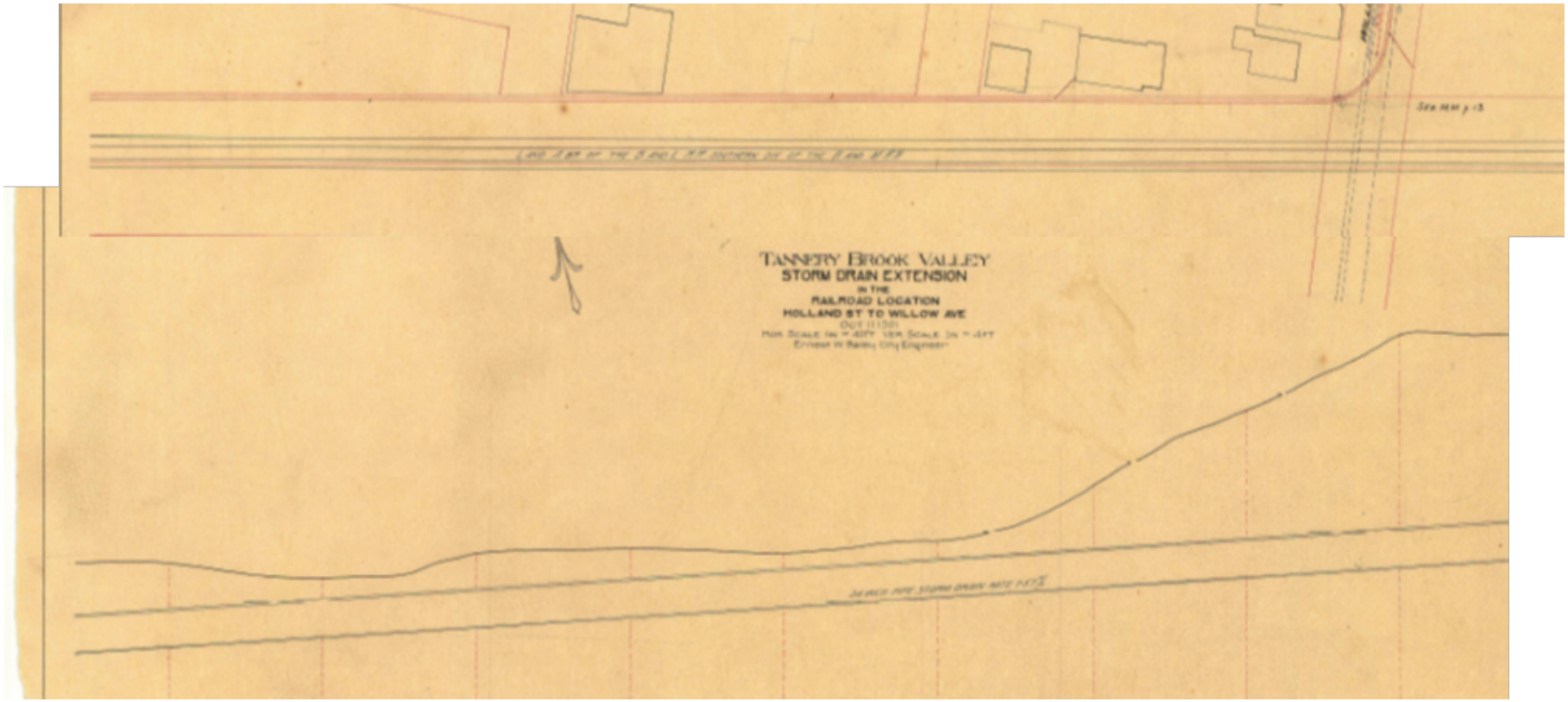
Location

MORRISON AVE.
GROVE ST.
WINSLOW AVE.
CLIFTON ST.
NEWBERNE ST.
WILLOW AVE.
SOMERVILLE COMMUNITY BIKE PATH

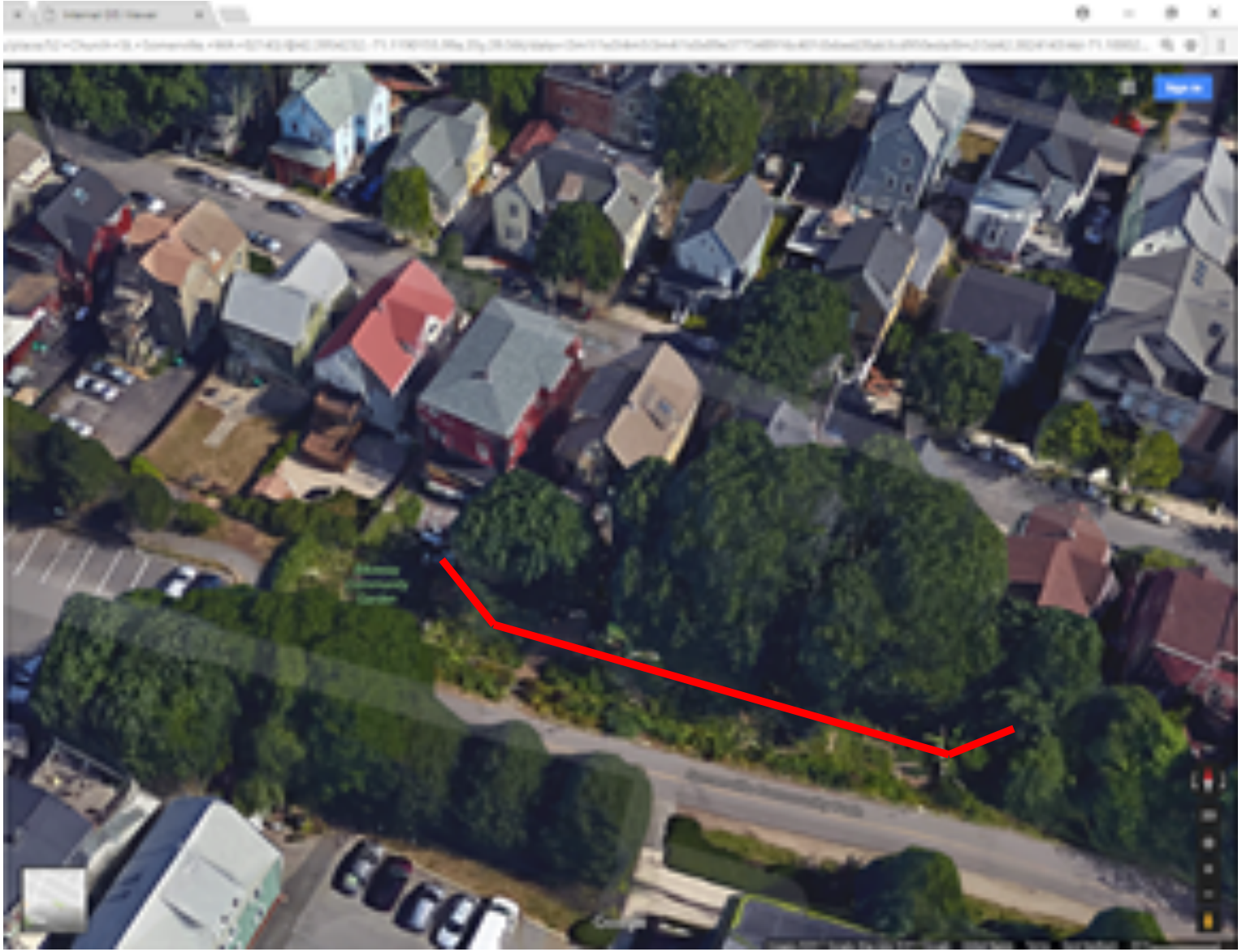
History


BB 18
TANNERY BROOK VALLEY
WINTER ST
COLLEGE AVE
HOLLAND ST
LEXINGTON AND ARLINGTON BRANCH OF THE BOSTON AND LOWELL R.R.
DAVIS SQ
DOVER ST
HIGHLAND AVE
CROIE ST
TANNERY BROOK VALLEY
STORM DRAIN EXTENSION
IN THE
RAILROAD LOCATION
HOLLAND ST TO WILLOW AVE
FOR SCALE 1IN = 40FT VERT SCALE 1IN = 4FT
ERNEST W BAILEY CITY ENGINEER
BB-18

History


TANNERY BROOK VALLEY
STORM DRAIN EXTENSION
IN THE
RAILROAD LOCATION
HOLLAND ST TO WILLOW AVE

History



Project Overview

NOTES:
1. CONTRACTOR TO VERIFY ALL LISTED DIAMETERS, LENGTHS, AND DEPTH IN FIELD PRIOR TO CONSTRUCTION.

2. DMH2 IS WITHIN A CITY EASEMENT ON PRIVATE PROPERTY. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR PROTECTION OF EXISTING CONDITIONS AND RESTORATION OF PROPERTY. WORK SHALL NOT COMMENCE UNTIL CITY OBTAINS RIGHT OF ENTRY. CONTRACTOR TO COORDINATE ACCESS TO DMH2 WITH PROPERTY OWNERS AT 71 AND 73 WINSLOW AVENUE. REMOVE AND RESET EXIST CHAIN LINE FENCE AS REQUIRED.

PLAN
SCALE: 1"=20'

0 20 40 60
SCALE: 1" = 20' SCALE IN FEET

100% DESIGN FOR DPW REVIEW

KLEINFELDER
Bright People. Right Solutions.

REVISIONS

DATE OCTOBER 2017
PROJECT NO. 20163388.002
DRAWN BY JA
CHECKED BY GO
FILE NAME 20163388.002C-Site Plan

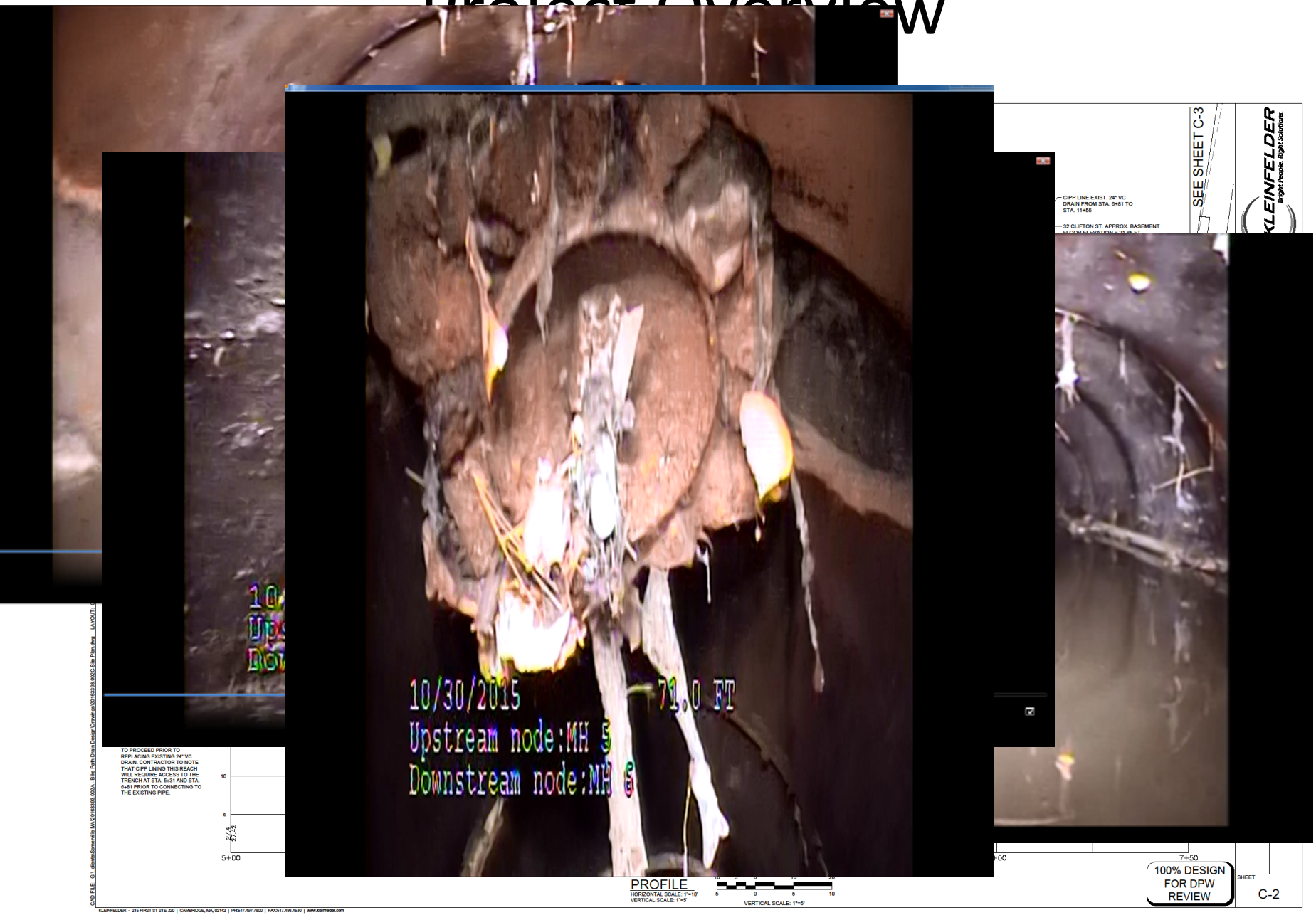
PROPOSED DRAIN SITE PLAN
STA. 0+00 TO STA. 5+00

CITY OF SOMERVILLE, MASSACHUSETTS
BIKE PATH DRAINAGE UPGRADES
WILLOW AVENUE TO GROVE STREET

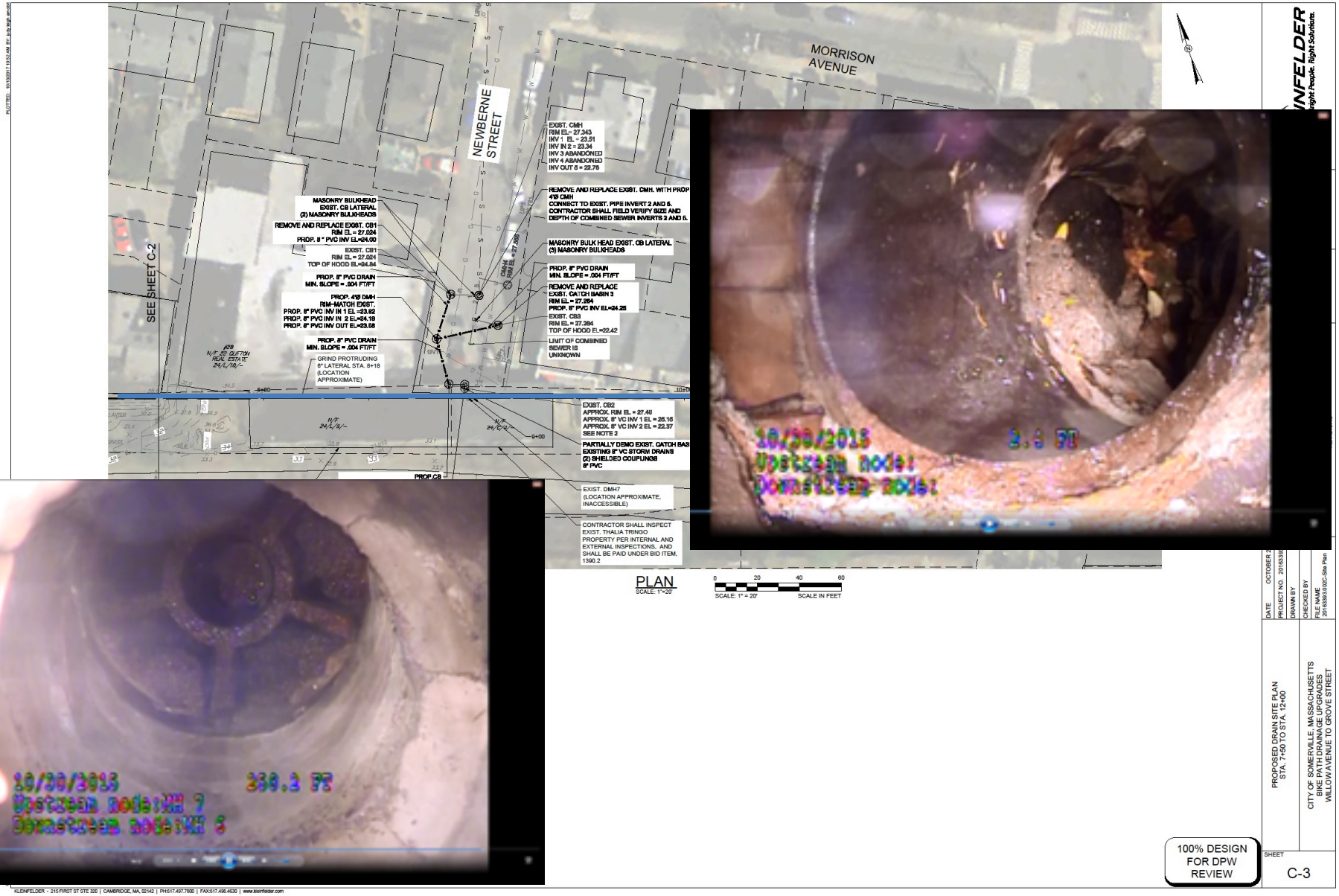
SHEET
C-1

CIPP Video

Project Overview

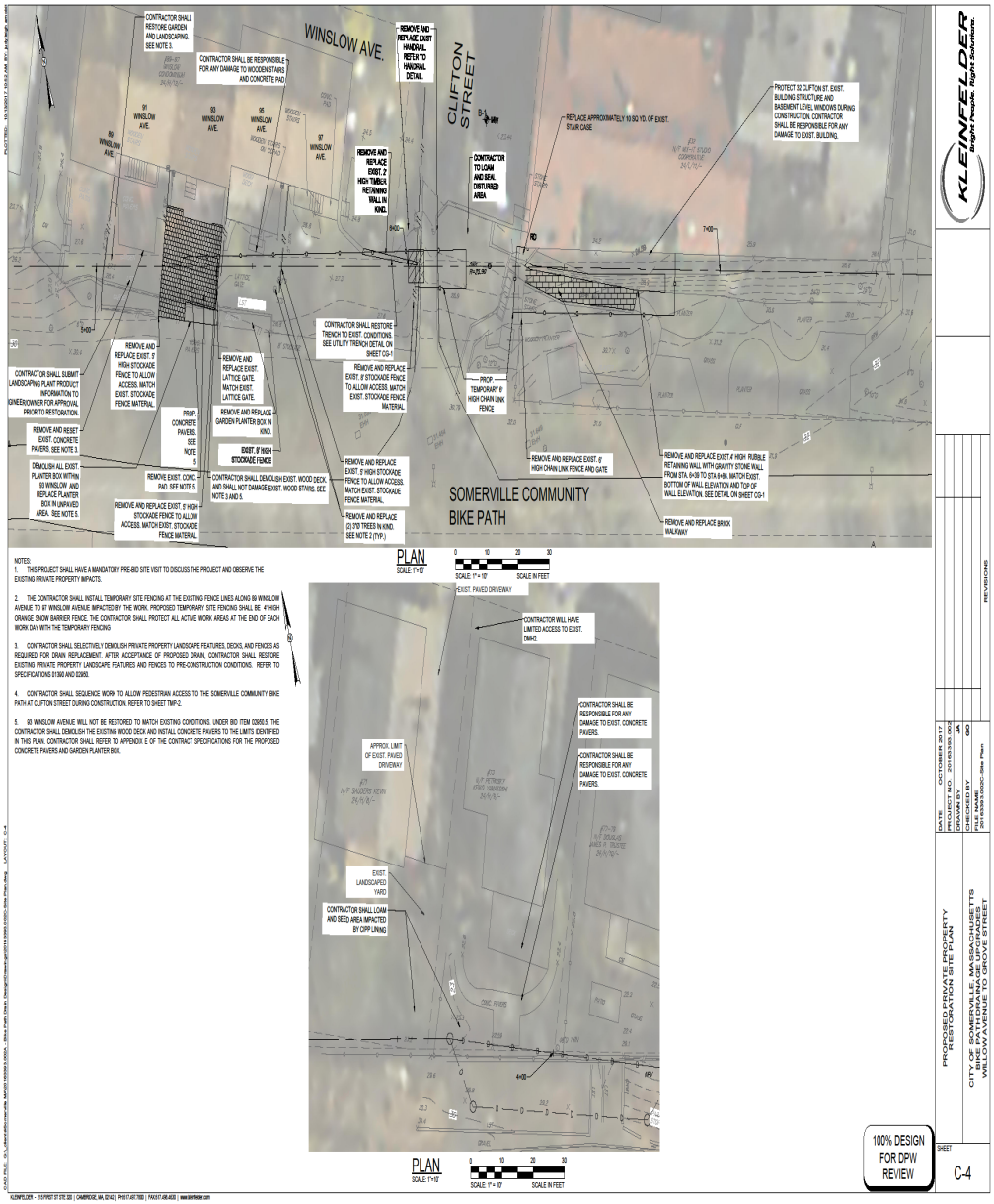


Project Overview



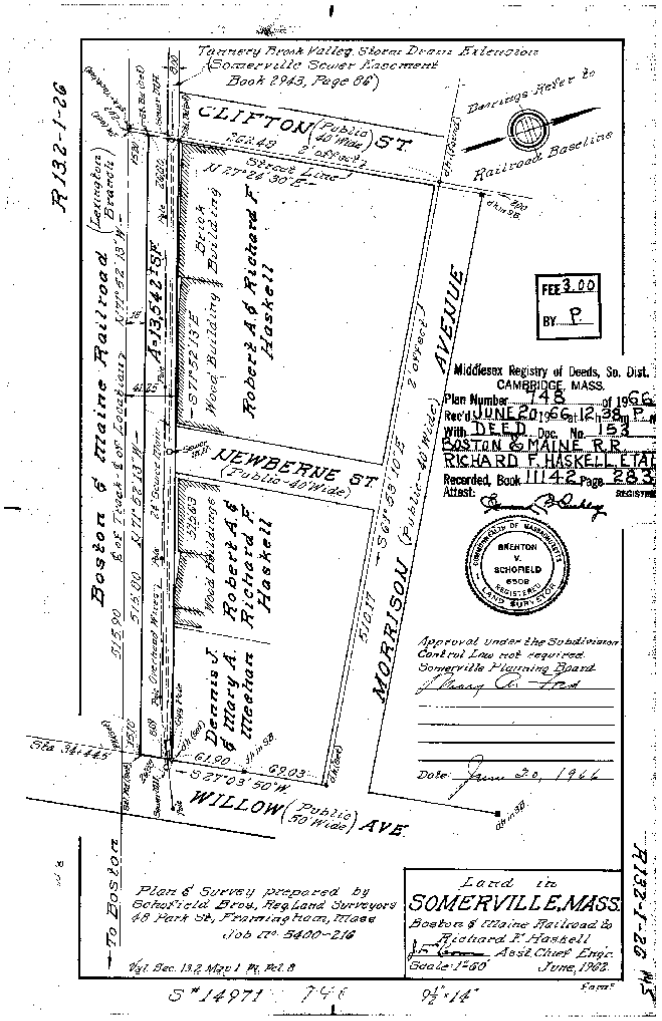
Restoration

- Very least restore to existing conditions
- Want to work with residents to approach restoration that works for them.
    - Constrained by estimates for restoration. (less or equal to dollar value)
- Looking for information on number and type of plants
- Loam garden at end of Clifton
- Replacement of retaining wall behind 32 Clifton
- Handrail at Clifton



Easement + Right of Entry

- City has an 8-foot easement for the drain
- City needs to obtain a Right of Entry to access the Easement and drain



Schedule

- Replacement of pipe (excavation) 1.5 weeks
  - 1.5 weeks to complete surface restoration
- CIPP 1.5 weeks
  - Setup
  - Lining
  - Restoration
- Newberne Drain 3 weeks
- Other items
  - After 90 days pave Newberne

Key Milestone	Date
Community Meeting	November 2, 2017
Bid Docs to the City	November 15, 2017
Mandatory Pre-Bid Meeting	Week of December 4th
Bid Opening	December 21, 2017
Notice of Award	December 29, 2017
Mobilization	March 12, 2018
Substantial Completion	May 11, 2018
Delivery of plants	Late Summer/Early Fall

Contact Information

- Bryan Manter
  - bmanter@somervillema.gov
  - 617-625-6600 x5400
- Web page
  - https://www.somervillema.gov/community-path-drainage

Questions