

wood.

# Carpenter Creek Watershed Management Plan

Davis Highway – Stream Assessment

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June 13, 2022



2023

2022

2021

2020

**KICKOFF + SITE VISIT**

OCT 2019 MAR 2020

**DESKTOP WATERSHED EVALUATION**

DEC 2019 NOV 2020

**DATA GAP FILLING**

OCT 2019 JAN 2021

**WATERSHED ASSESSMENT / FIELD COLLECTION**

JAN 2021 NOV 2021

**WATERSHED MANAGEMENT RECOMMENDATIONS**

NOV 2021 MAY 2022

**REVIEW REGULATORY FRAMEWORK**

MAR 2022 MAY 2022

**MONITORING + EVALUATION**

APR 2022 JULY 2022

**COMMUNITY ENGAGEMENT**

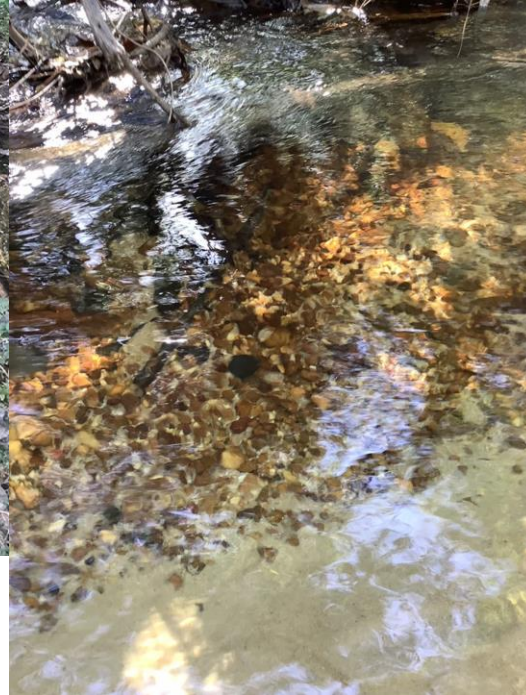
SEPT 2019 OCT 2022

**WATERSHED MANAGEMENT REPORT**

JULY 2022 NOV 2022

# WMP Schedule





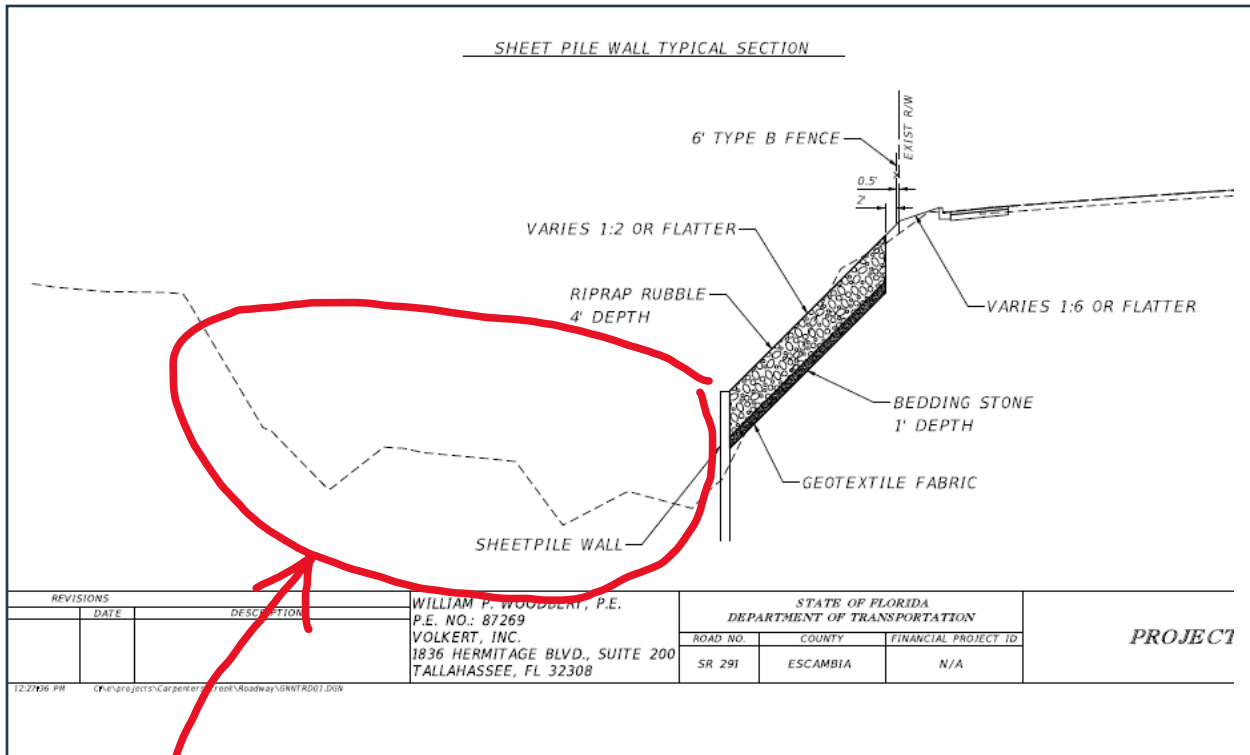
## Stabilization Goals

## Nature-Based Solutions

- Stabilize the creek using natural channel design
- Assure continuity of sediment transport
- Assure upstream fish passage
- Create a complete and resilient riparian forest corridor
- Improve water quality

FDOT  
accommodated our  
objectives

- Parking lot slope to be stabilized using sheetpile bulkhead
- It is out of our way



**Room to Work**





## Mountain- stream steep





## Erosion near Davis Highway





**~2007 erosion,  
Fleximat repair**

**Part of a  
Larger Gully**

**~2020 erosion**

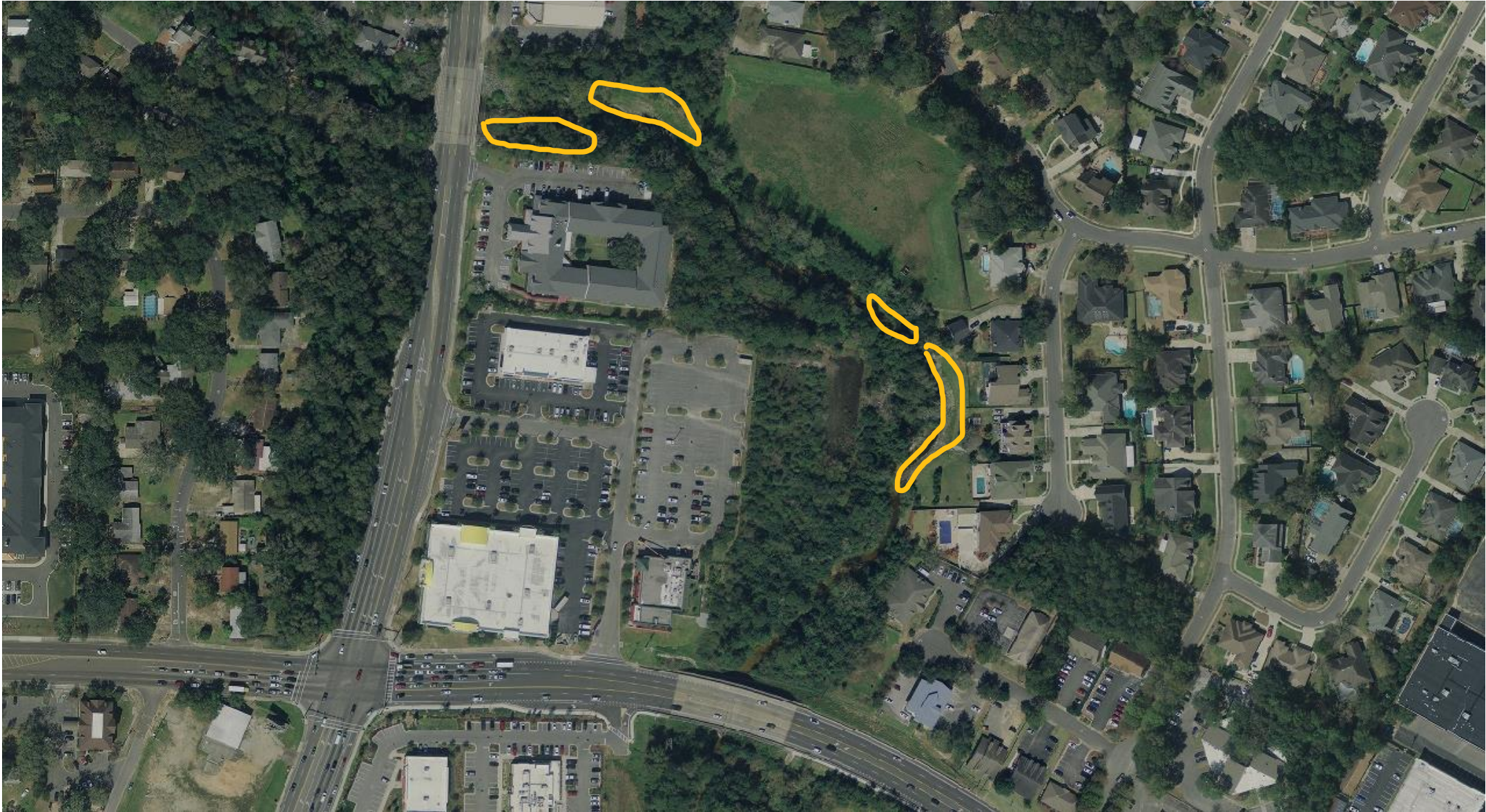




**Part of a  
Larger Gully**



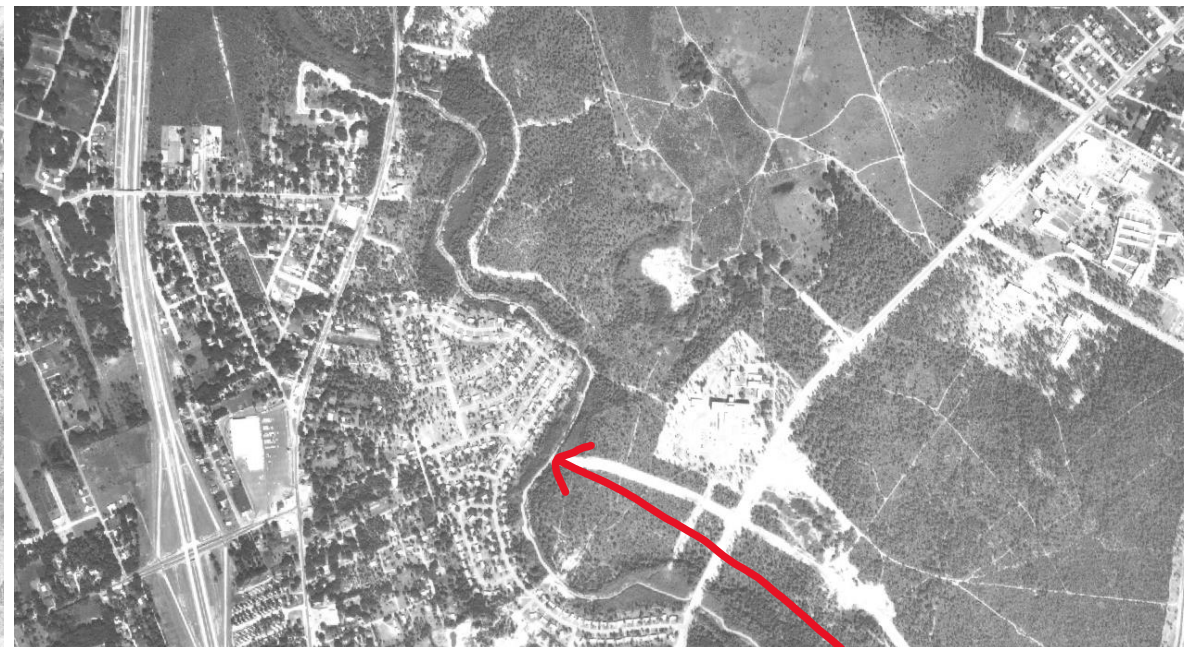
# Part of a Larger Gully



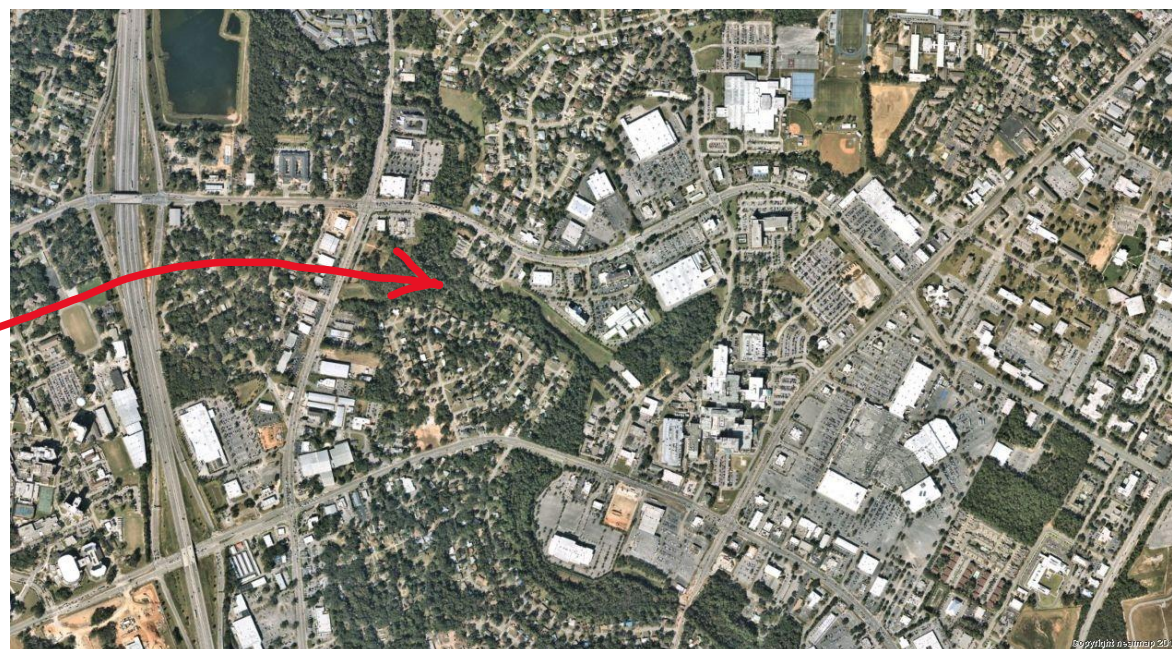




**1940 – a forested seepage ravine**



**1965 – a deep ditch**

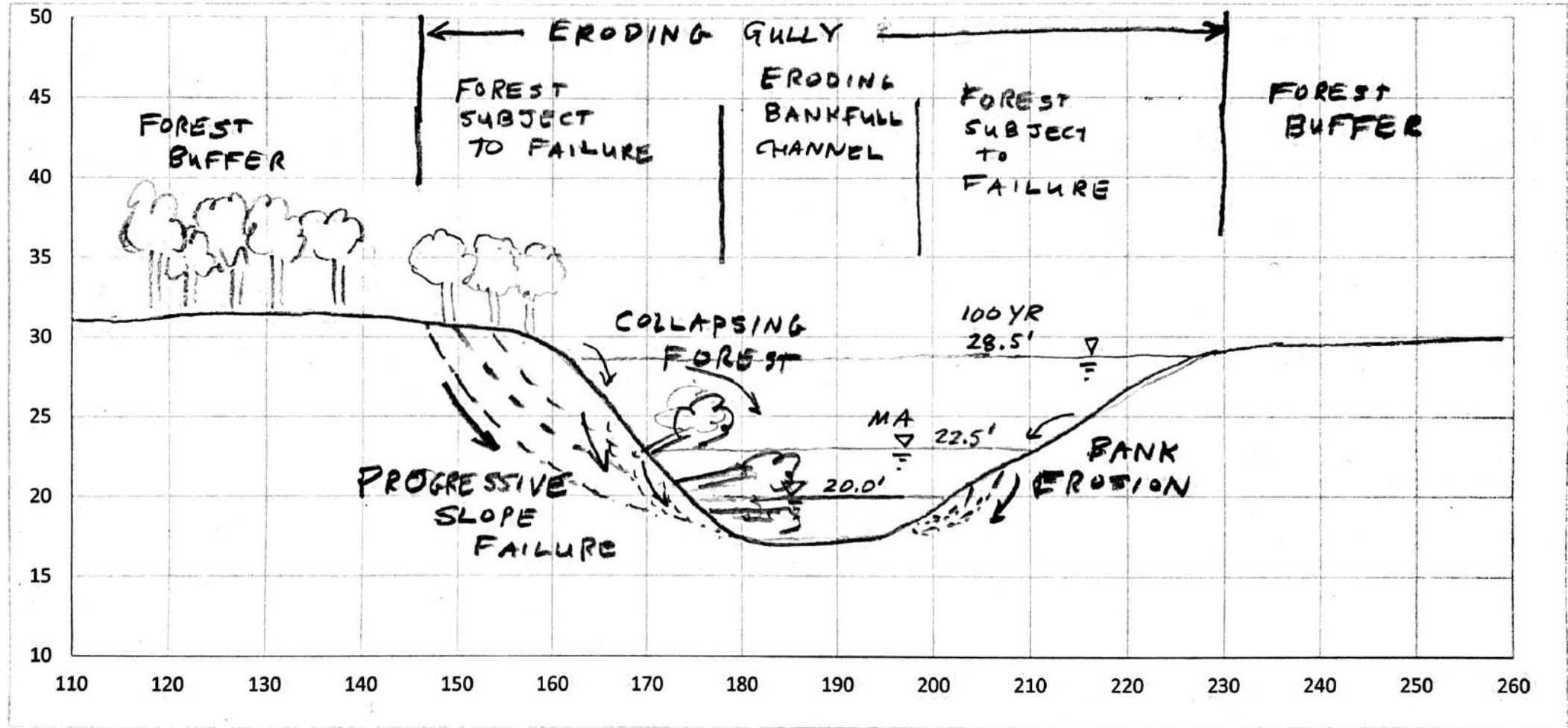


**2000s – an urban stormwater drain**

**Why?**

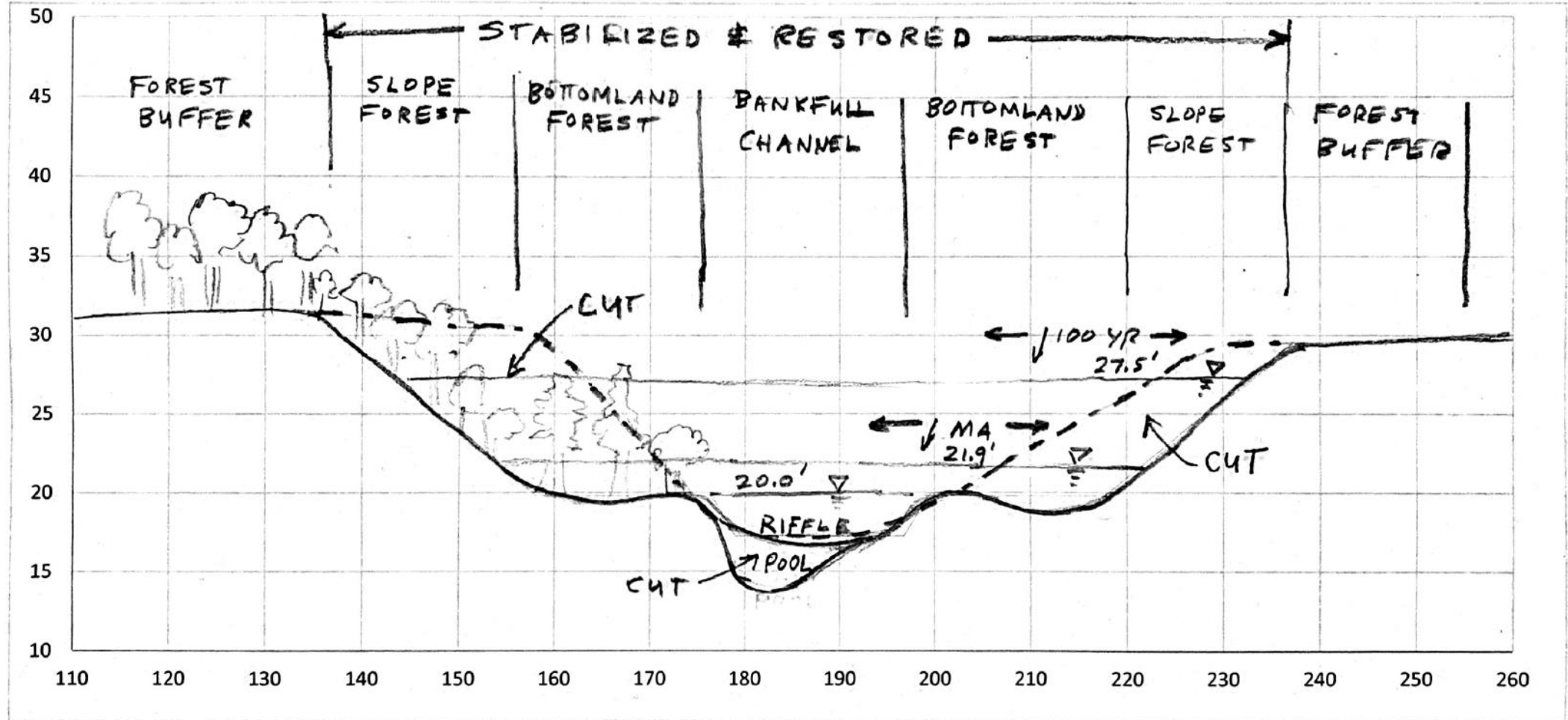


# Urban Stream Syndrome (needs a bigger floodplain)



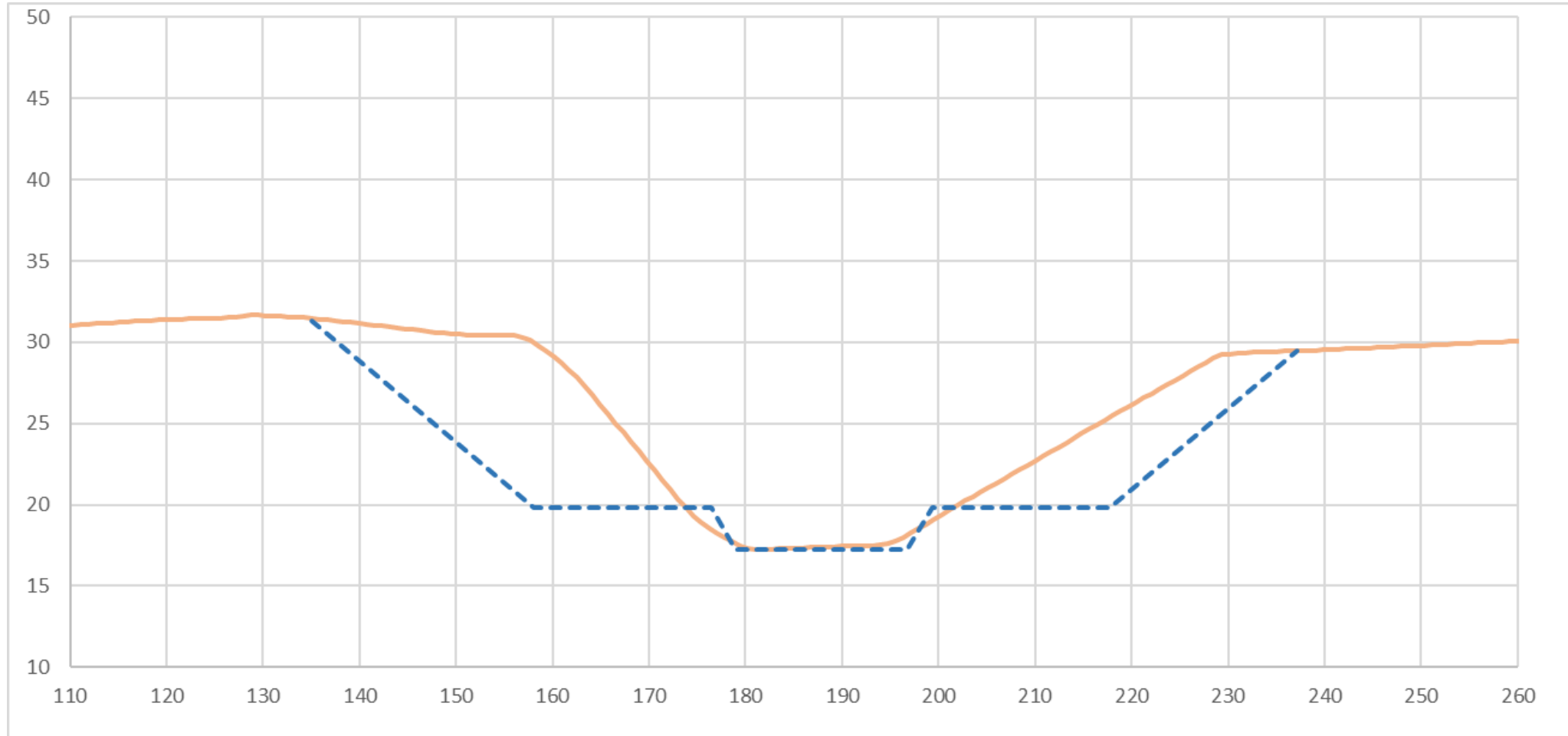


# Priority 2 Restoration (provide a bigger floodplain)



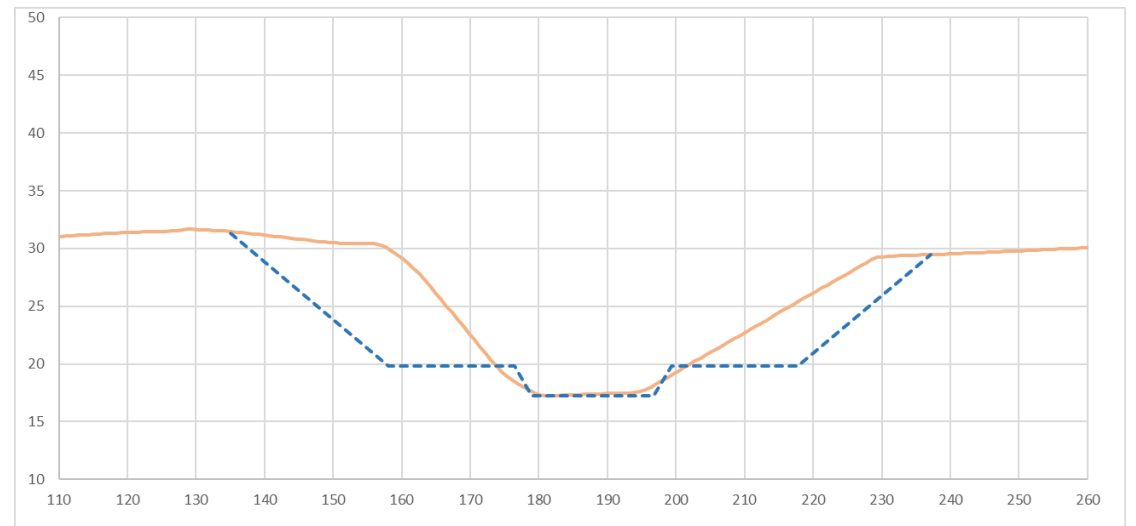
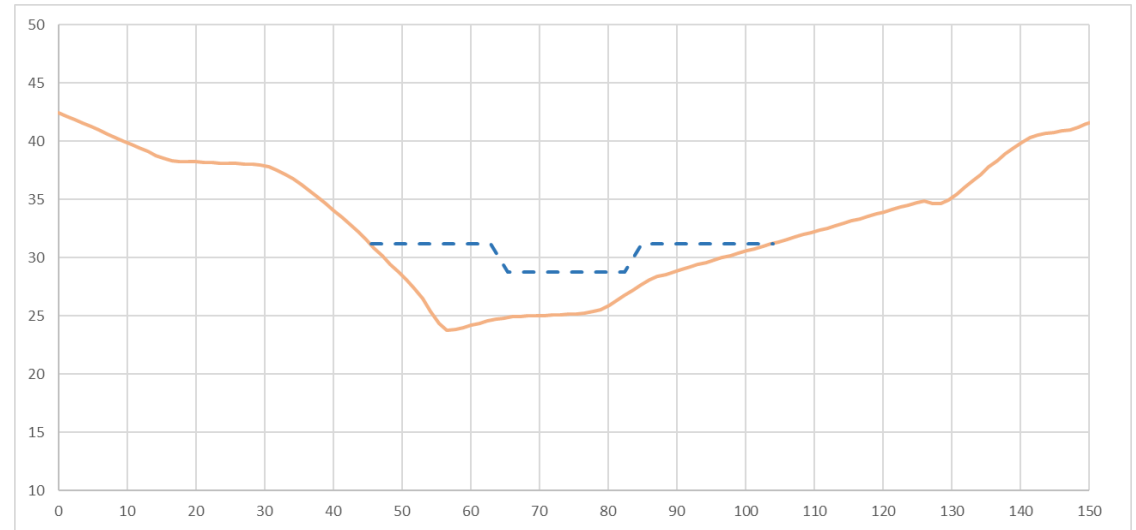
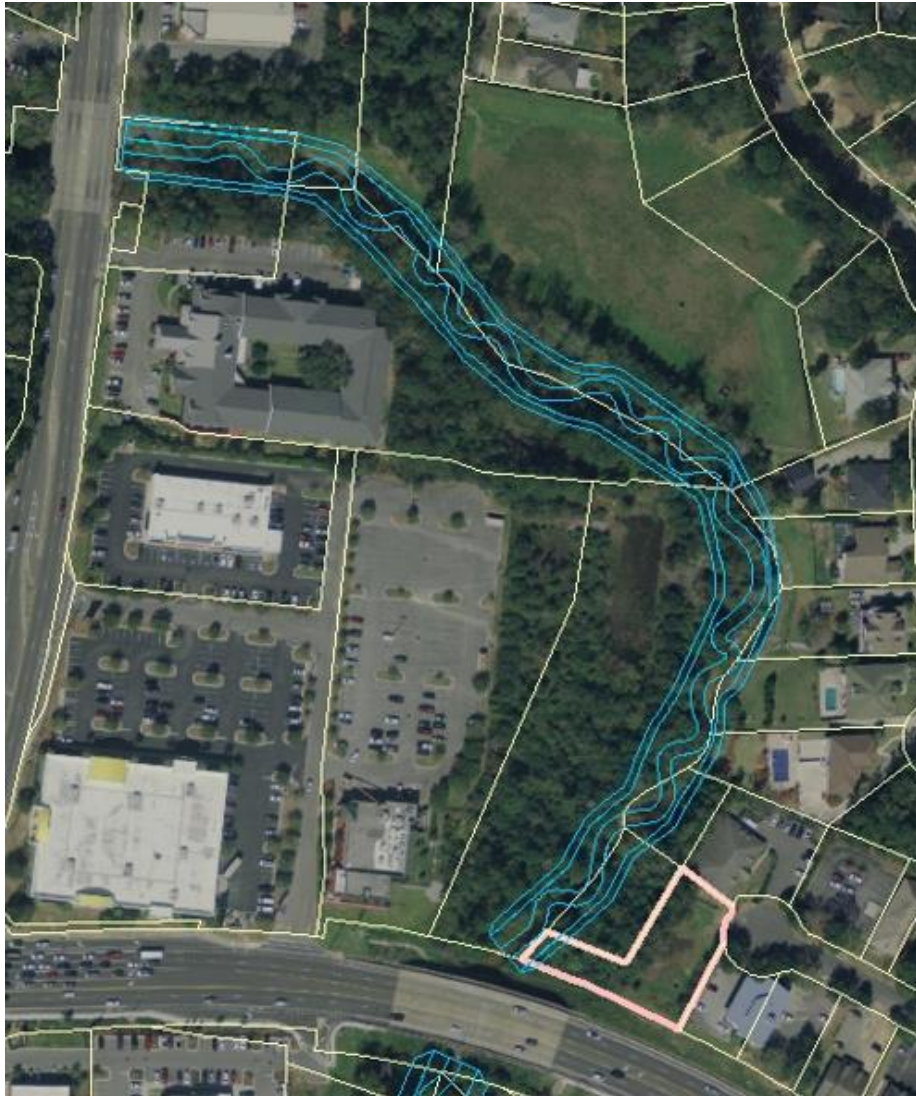


# Priority 2 Restoration (provide a bigger floodplain)





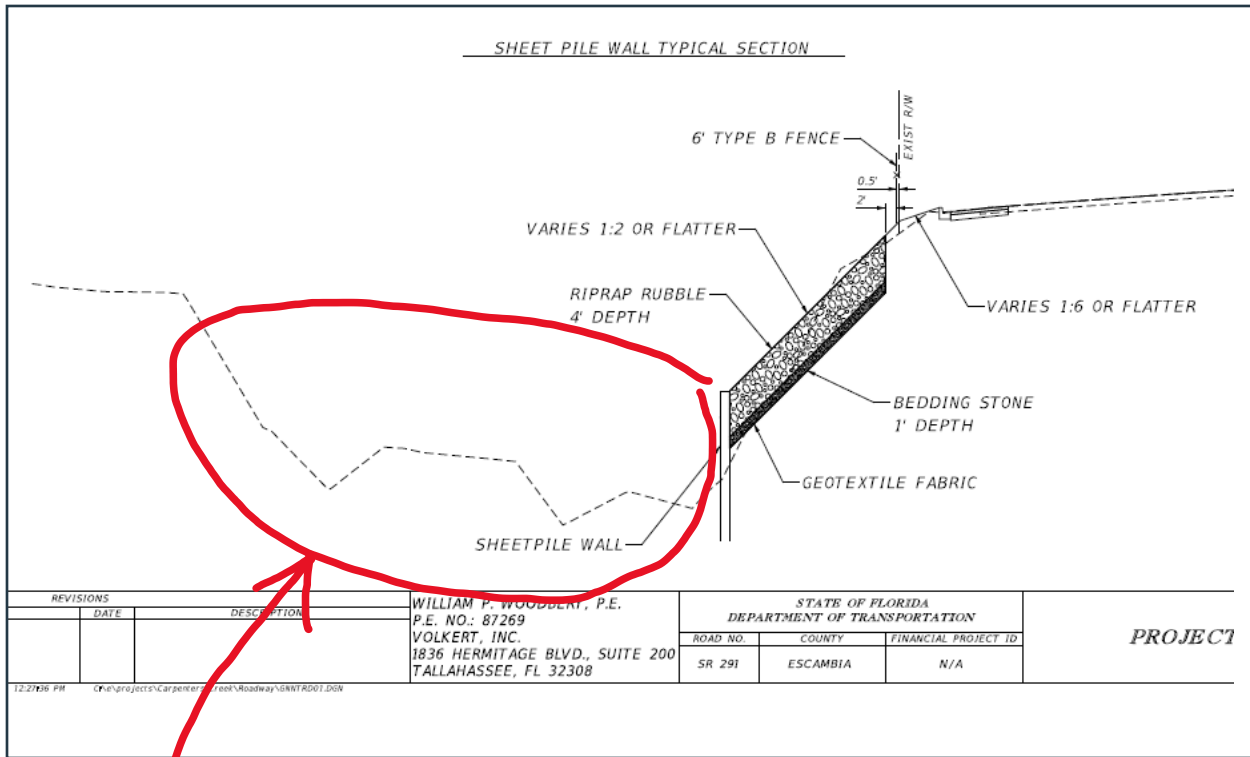
# Priority 1/2 Restoration (provide a bigger floodplain)





FDOT  
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objectives

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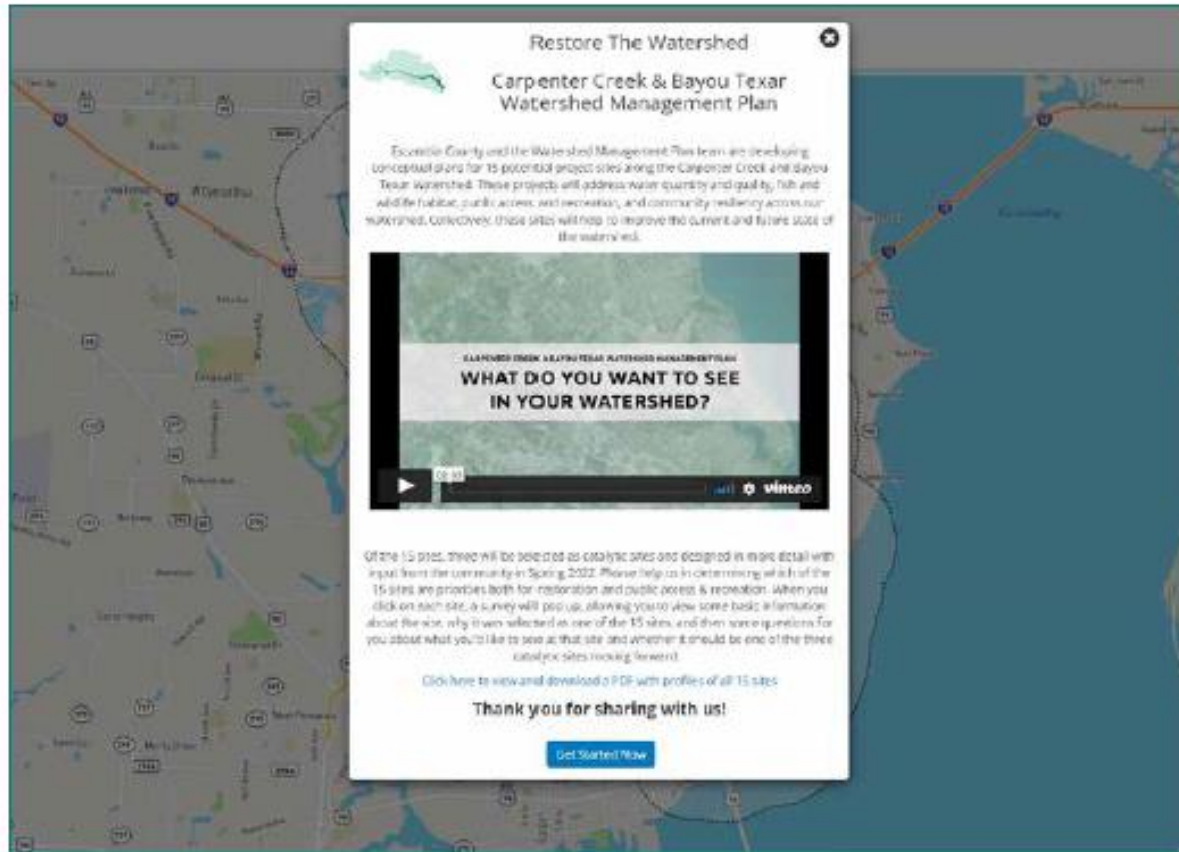


**Room to Work**



# PROJECT WEBSITE: INTERACTIVE SITE MAP + SURVEYS

PLEASE VISIT THE WEBSITE! [Restorethewatershed.com](https://Restorethewatershed.com)





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