



## Public Works Department

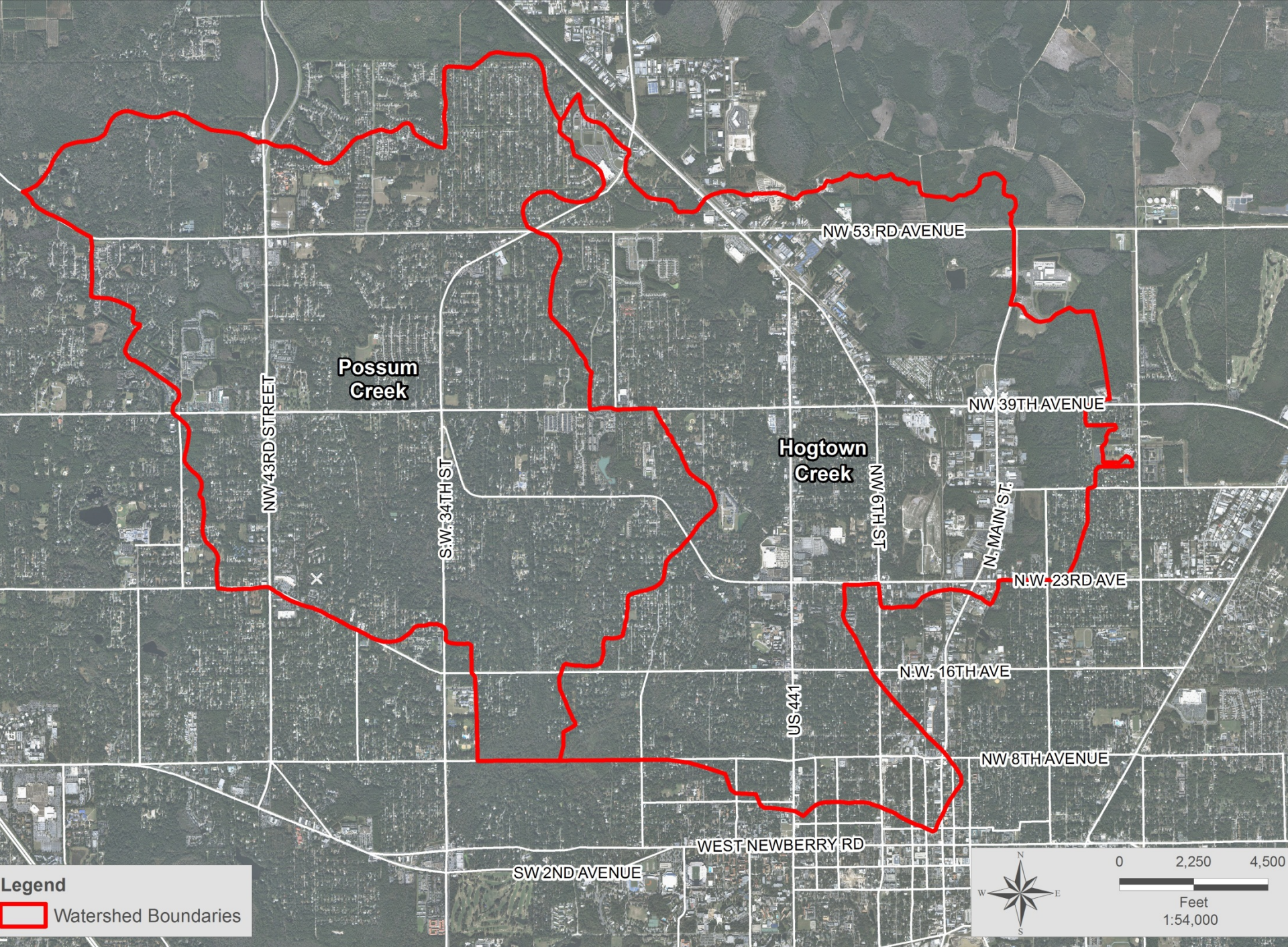
# NW 8<sup>TH</sup> AVENUE

*Stefan Broadus  
Public Works  
August 20, 2015*

- Described Creek Crossing Evaluation
- Directed to Review Grass Utility Strips
- Approved Construction Manager RFQ
- Directed to Proceed with Phased Schedule

Identify measures that will restore historic characteristics & functionality of the creek floodplain areas north and south of NW 8th Ave while achieving the following objectives:

- Minimize capital and maintenance costs associated with erosion and sediment accumulation in the Creeks.
- Minimize flood risk to the roadway and homes in the area.
- Minimize environmental impacts to the creeks and adjacent floodplain.



**Possum  
Creek**

**Hogtown  
Creek**

NW 43RD STREET

S.W. 34TH ST

NW 53RD AVENUE

NW 39TH AVENUE

NW 61ST ST

N MAIN ST

N.W. 23RD AVE


N.W. 16TH AVE


US 441

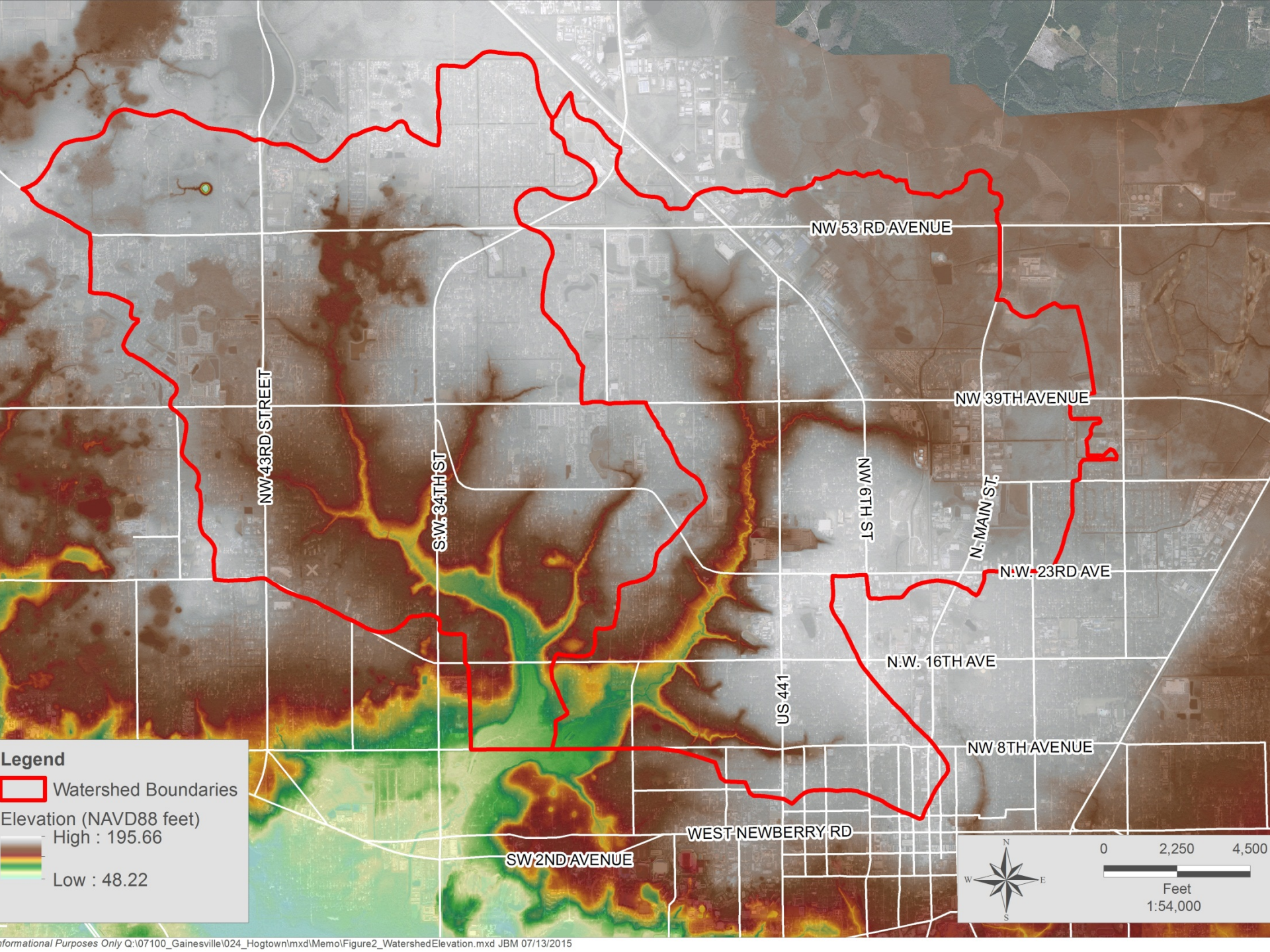
NW 8TH AVENUE

WEST NEWBERRY RD


SW 2ND AVENUE

**Legend**  
 Watershed Boundaries

  
0 2,250 4,500  
Feet  
1:54,000




**Legend**

 Watershed Boundaries

Elevation (NAVD88 feet)

High : 195.66




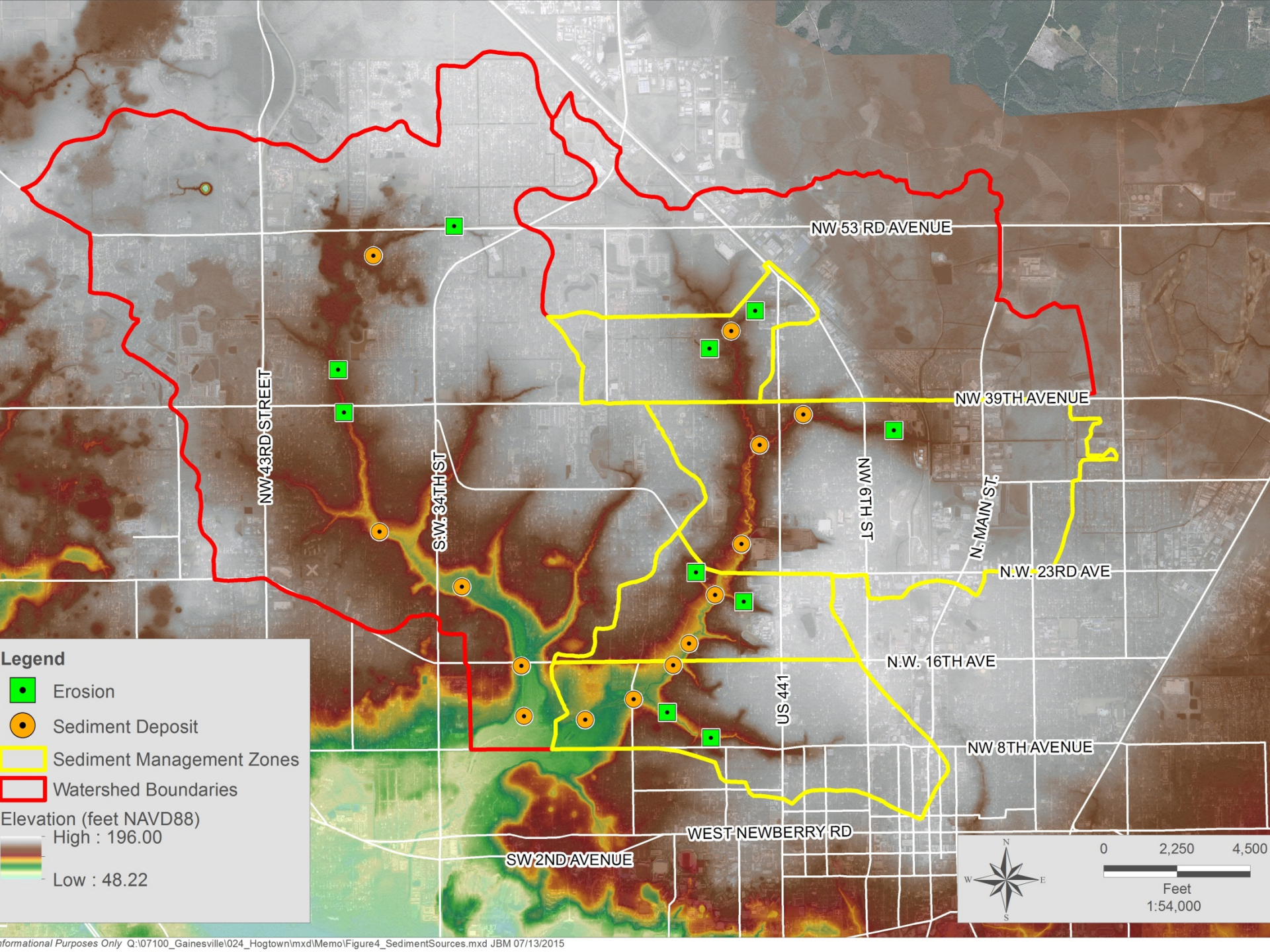
Low : 48.22

0 2,250 4,500





Feet

1:54,000

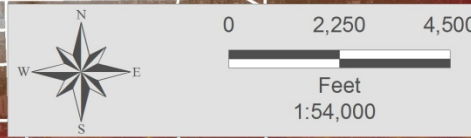


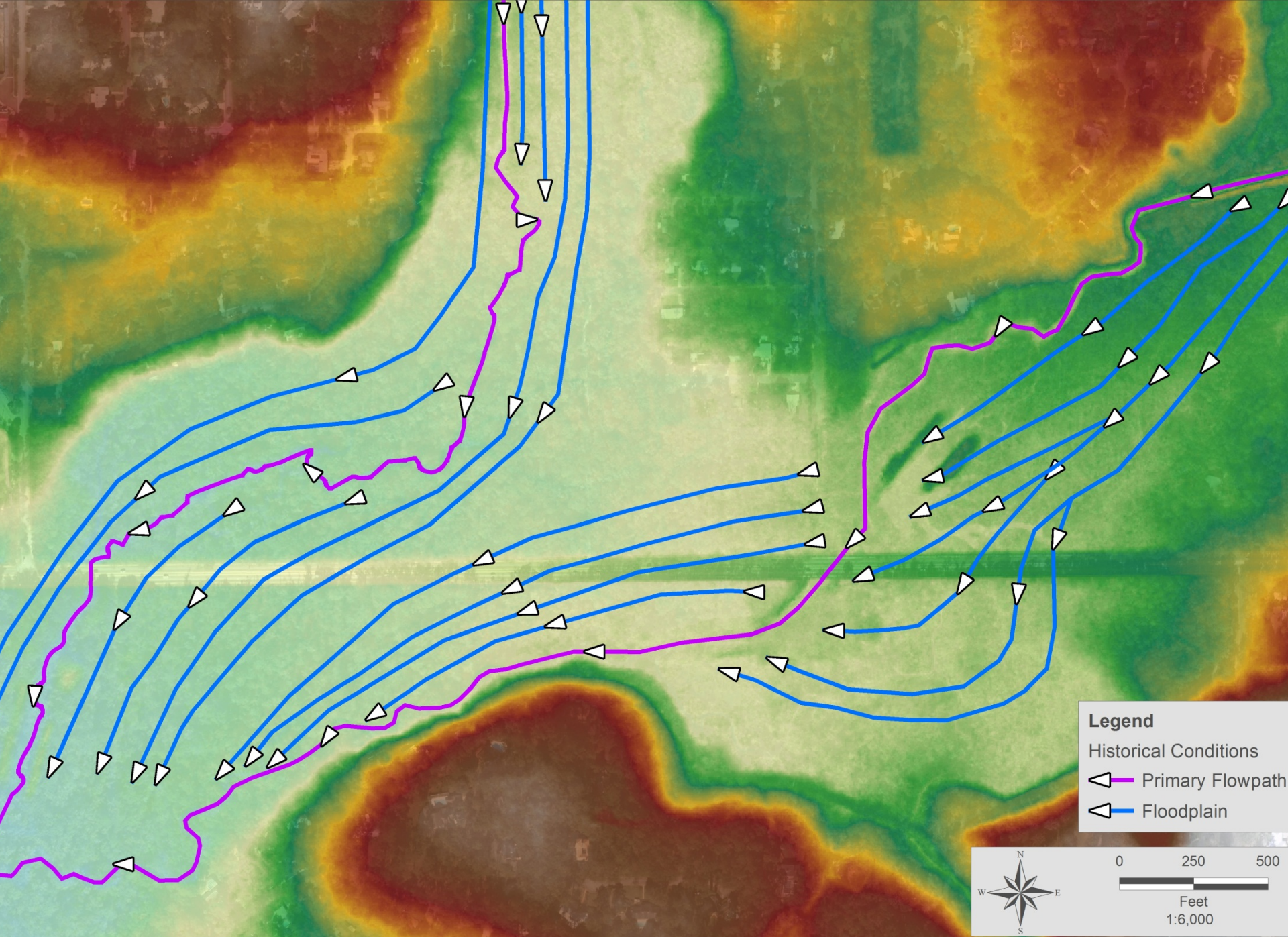


**Legend**

-  Erosion
-  Sediment Deposit
-  Sediment Management Zones
-  Watershed Boundaries

Elevation (feet NAVD88)  
High : 196.00  
Low : 48.22

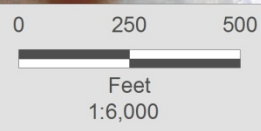


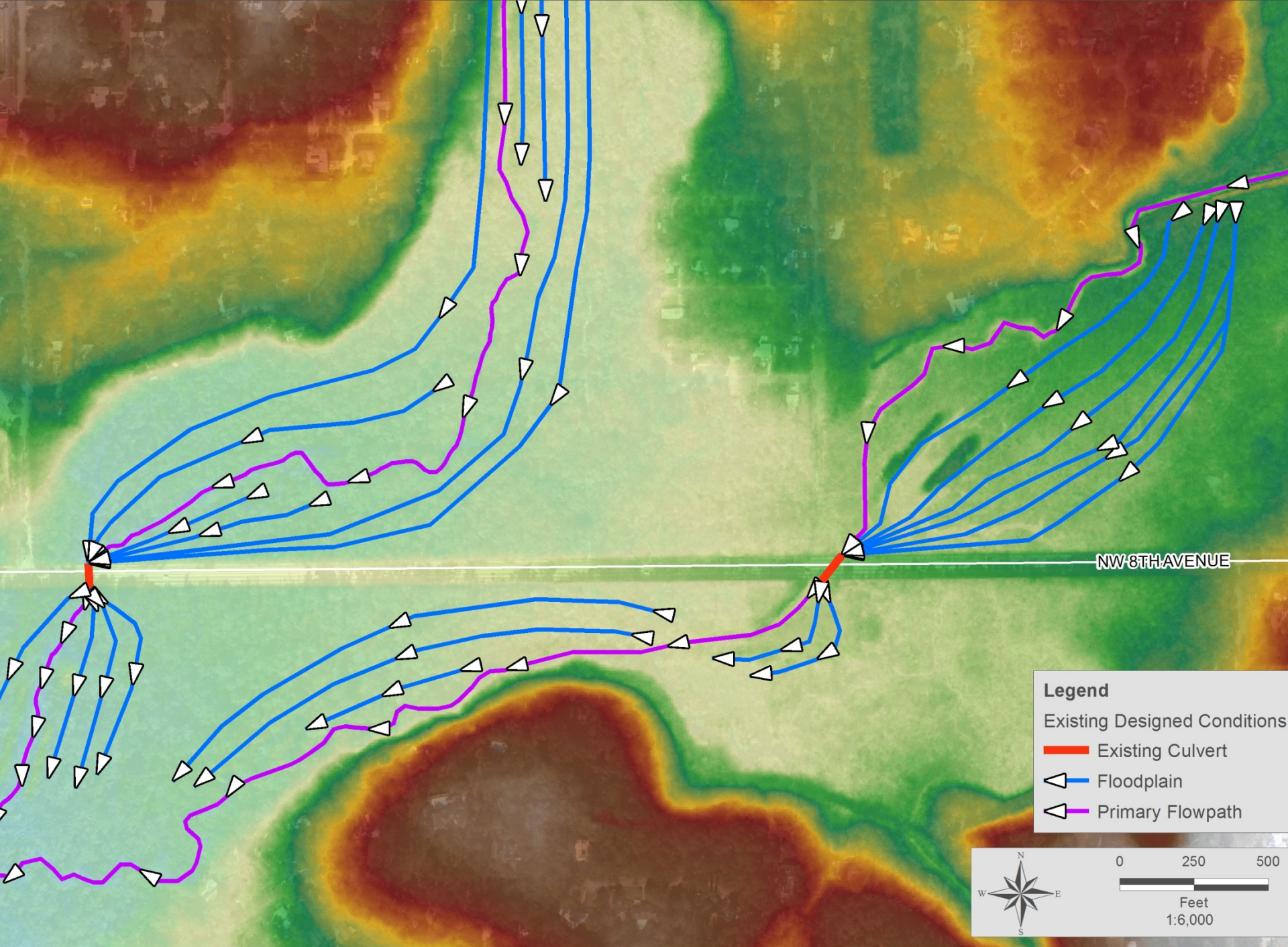


**Legend**

Historical Conditions

- Primary Flowpath
- Floodplain





NW 8TH AVENUE

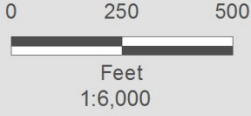
**Legend**

Existing Designed Conditions

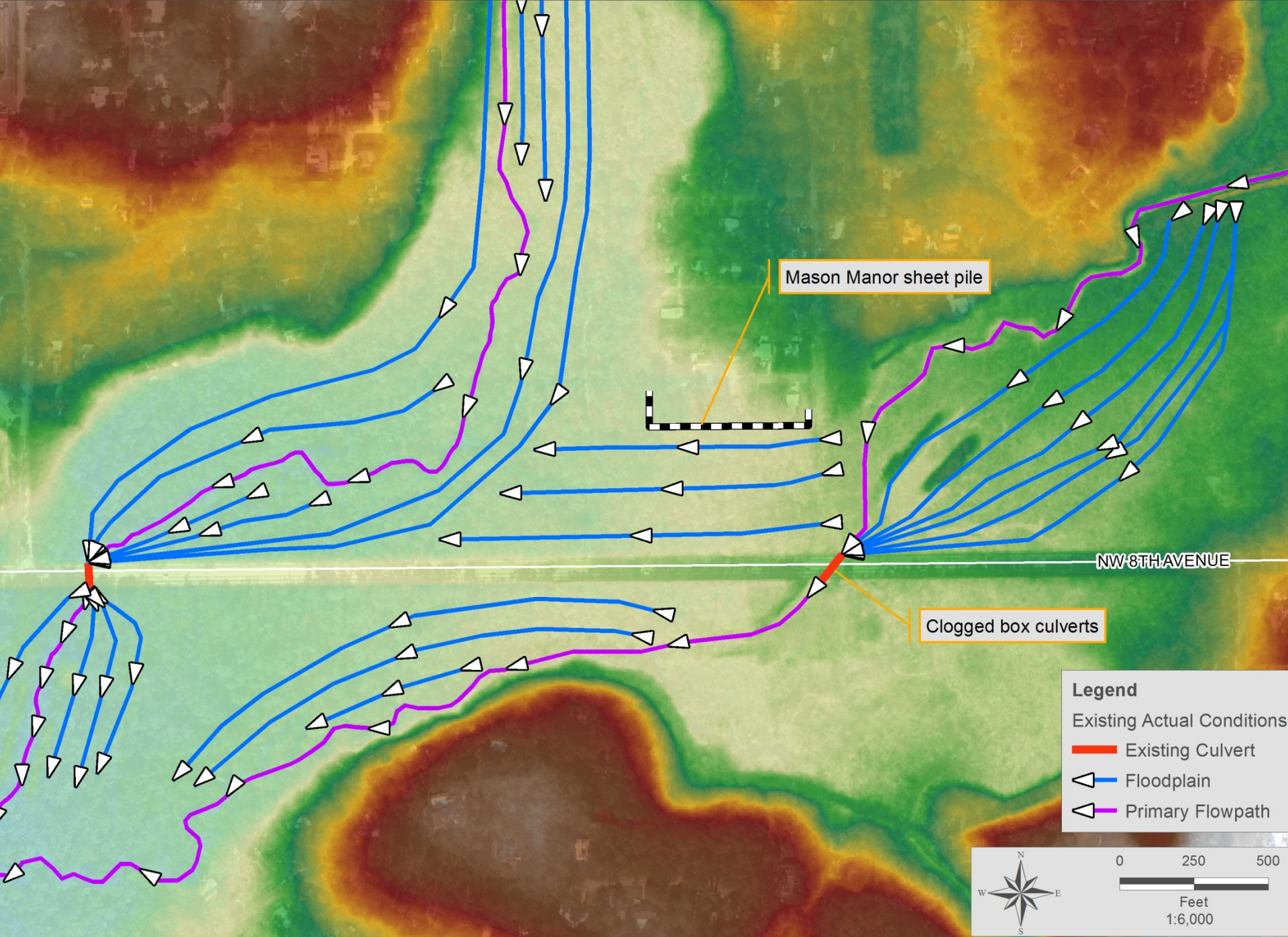
Existing Culvert

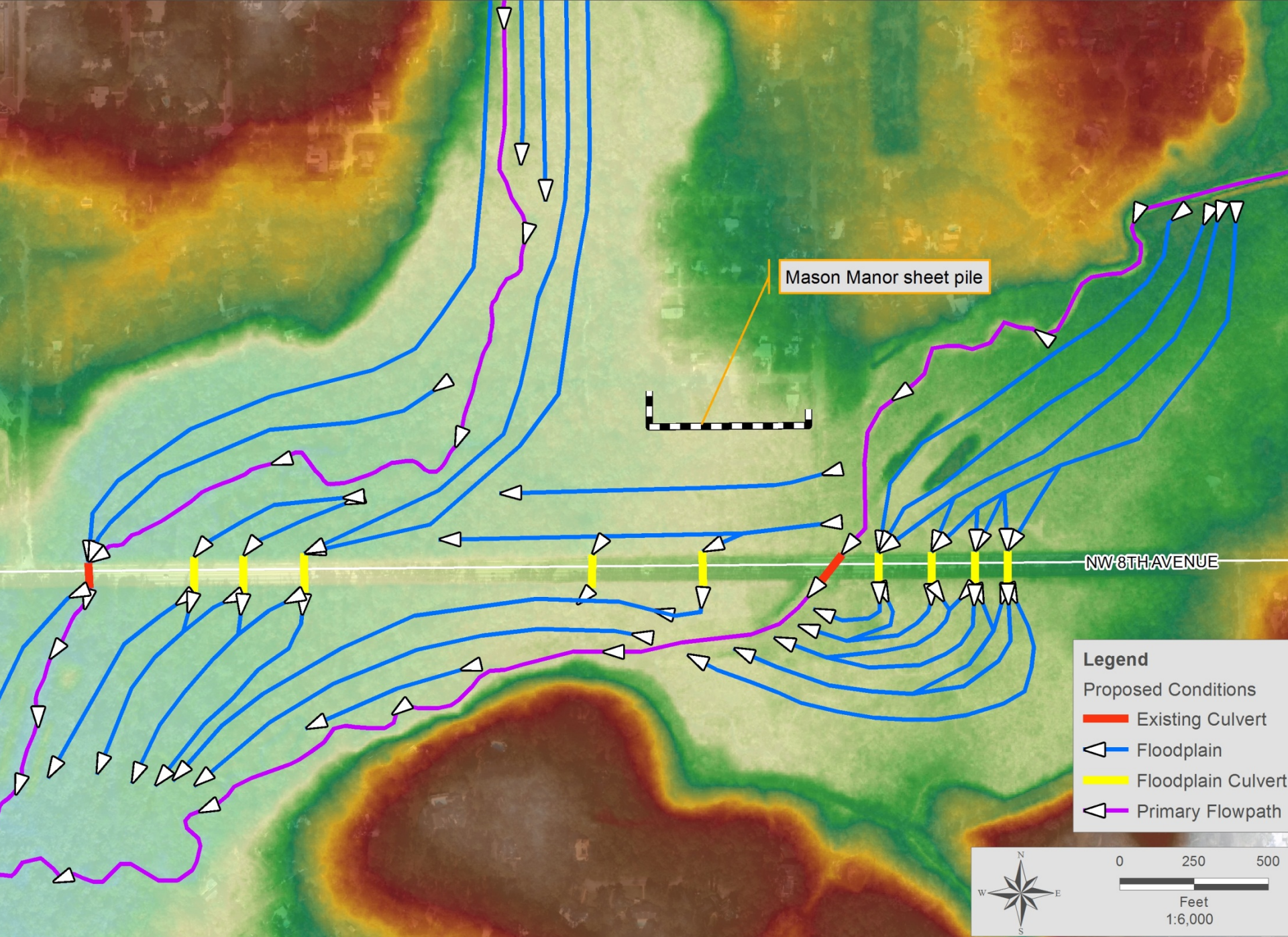
Floodplain

Primary Flowpath





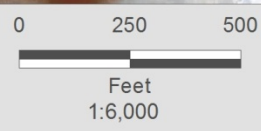




Mason Manor sheet pile

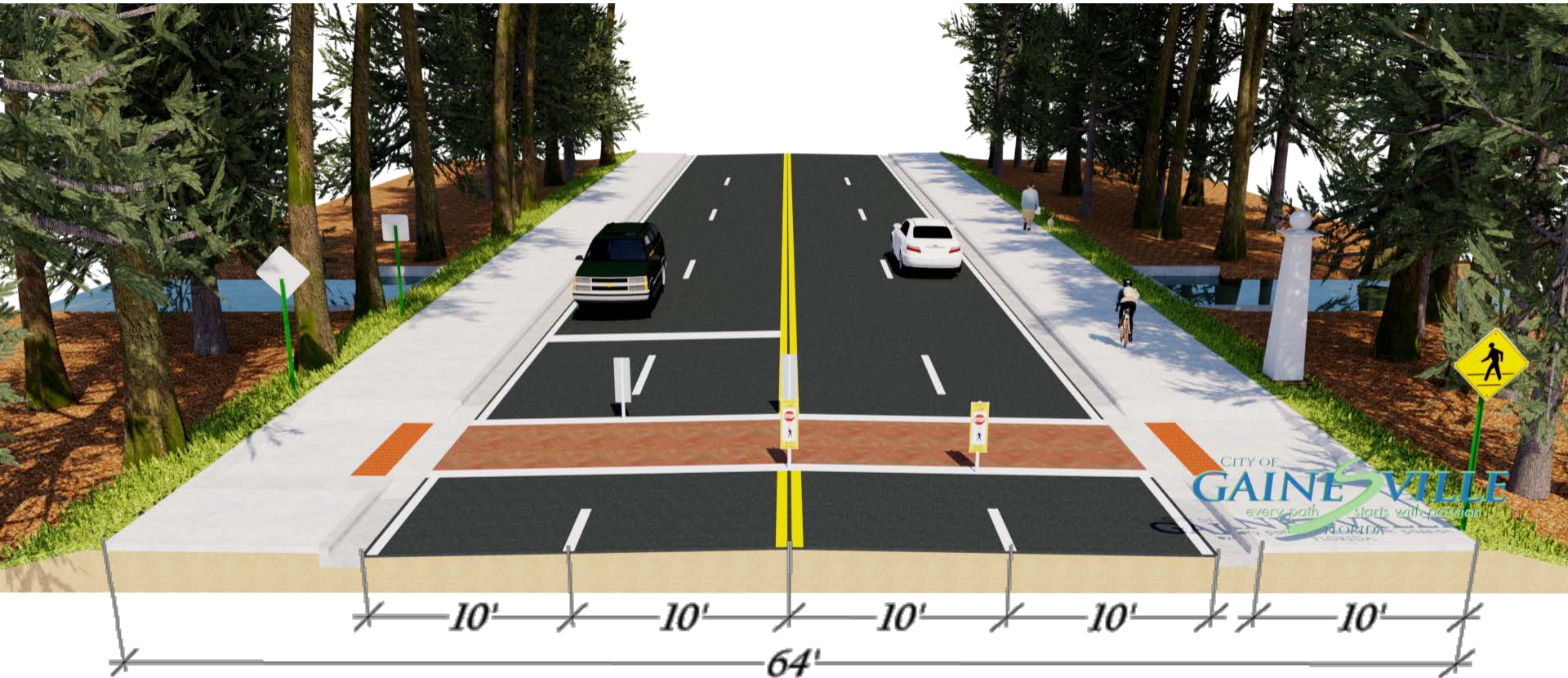
NW 8TH AVENUE

- Legend**
- Proposed Conditions
  - Existing Culvert
  - Floodplain
  - Floodplain Culvert
  - Primary Flowpath



<b>Proposed Actions</b>	<b>Estimated Cost</b>
1. Relief culverts to replicate historical flow patterns and corresponding road restoration	\$1,985,000
2. Possum Creek Headwall Stabilization & Repair	\$325,000
3. Hogtown Creek Culvert Stabilization & Sediment Removal	\$575,000
4. Watershed Management Planning	TBD – Future Phase

# SECTION B – OPTION 4B1

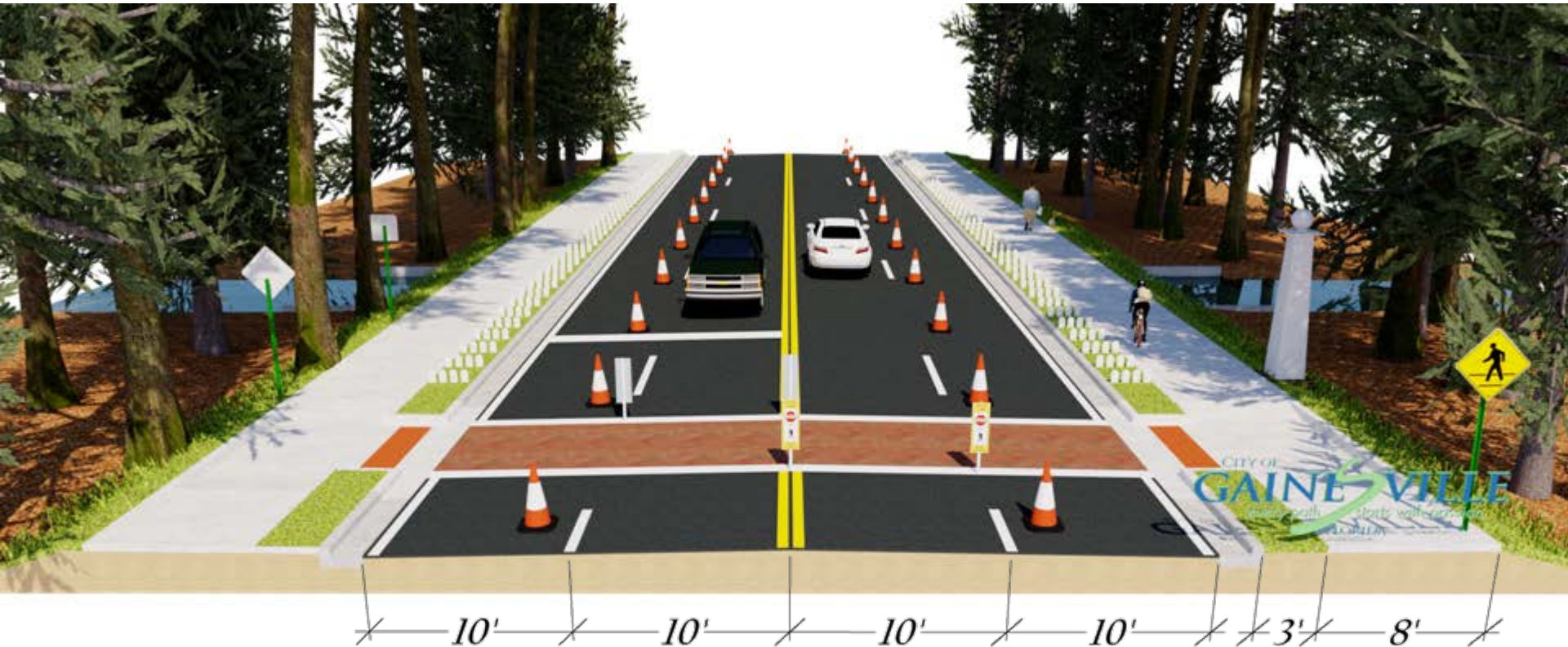


*two lane, two way* | *mostly undivided*

*10' shared use paths*

*4 lane crossing w/o refuge at boardwalk*  
*4 lane crossing w/ refuge at 31<sup>st</sup> & 23<sup>rd</sup>*

# SECTION B – OPTION 4B2



\*Shown with possible, temporary lane closures for Memorial Mile display.

*two lane, two way* | *mostly undivided*

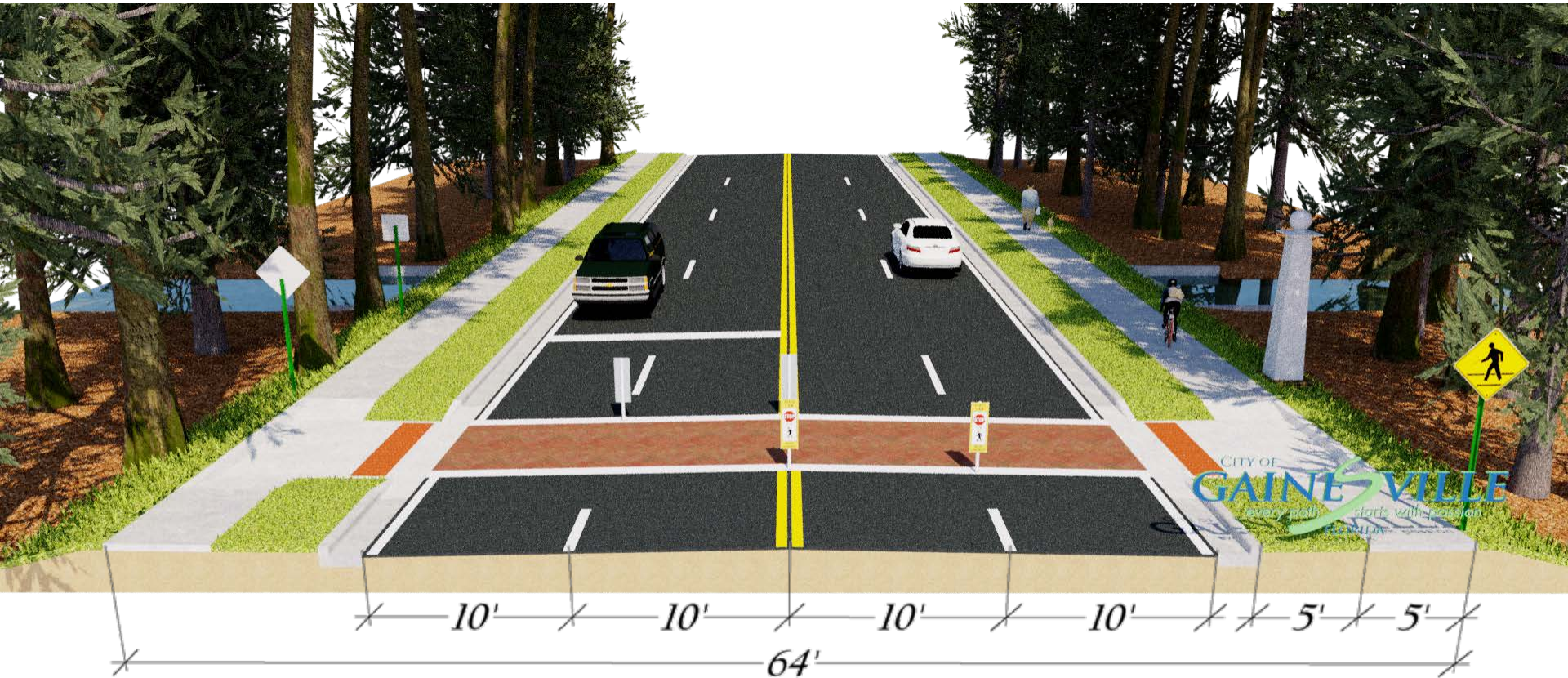
*8' shared use paths* | *4 lane crossing w/o refuge at boardwalk*  
*(~\$90,000 Reduction from 10')* | *4 lane crossing w/ refuge at 31<sup>st</sup> & 23<sup>rd</sup>*

# SECTION B – OPTION 4B2



# SECTION B – OPTION 4B2

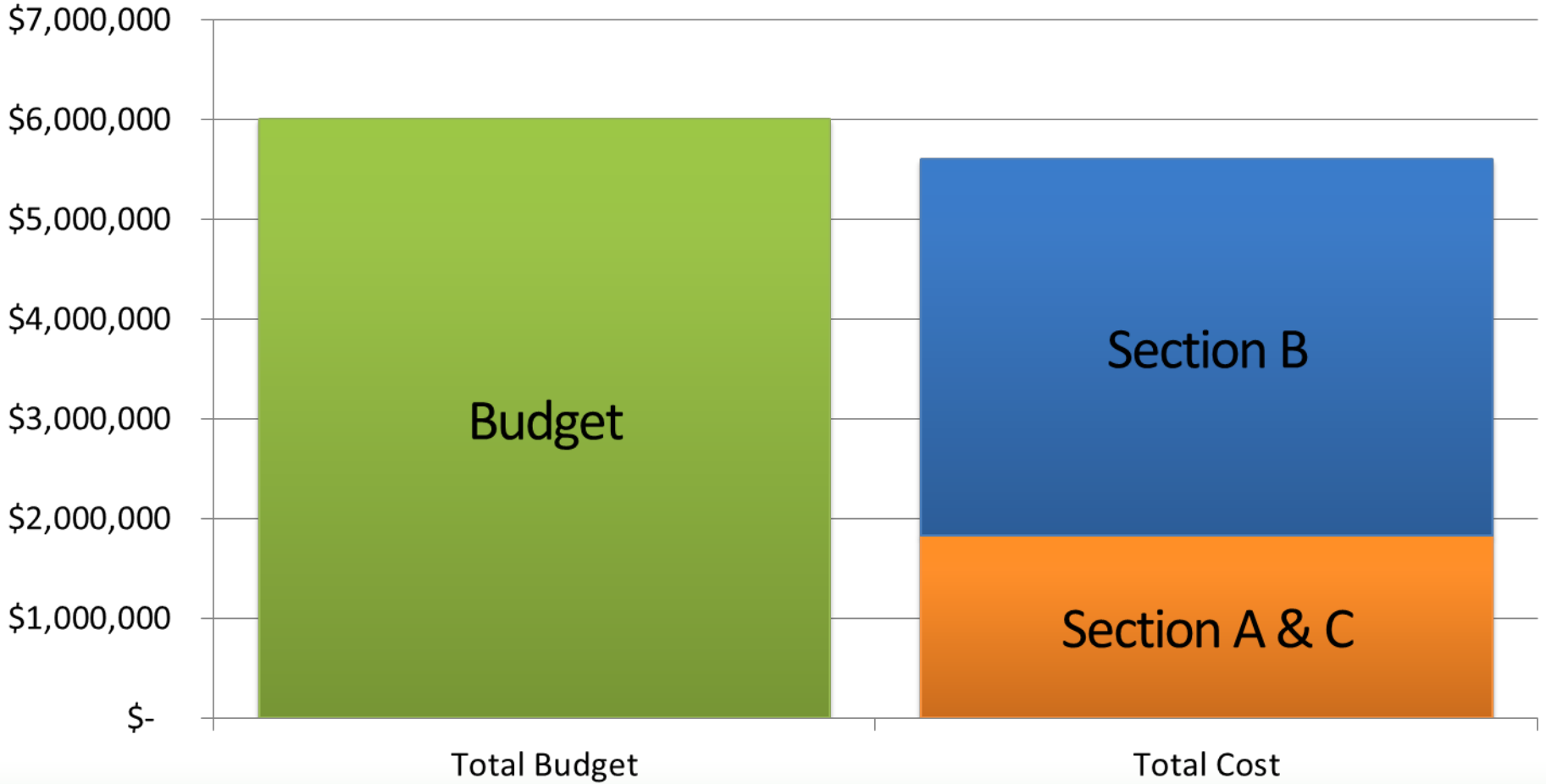


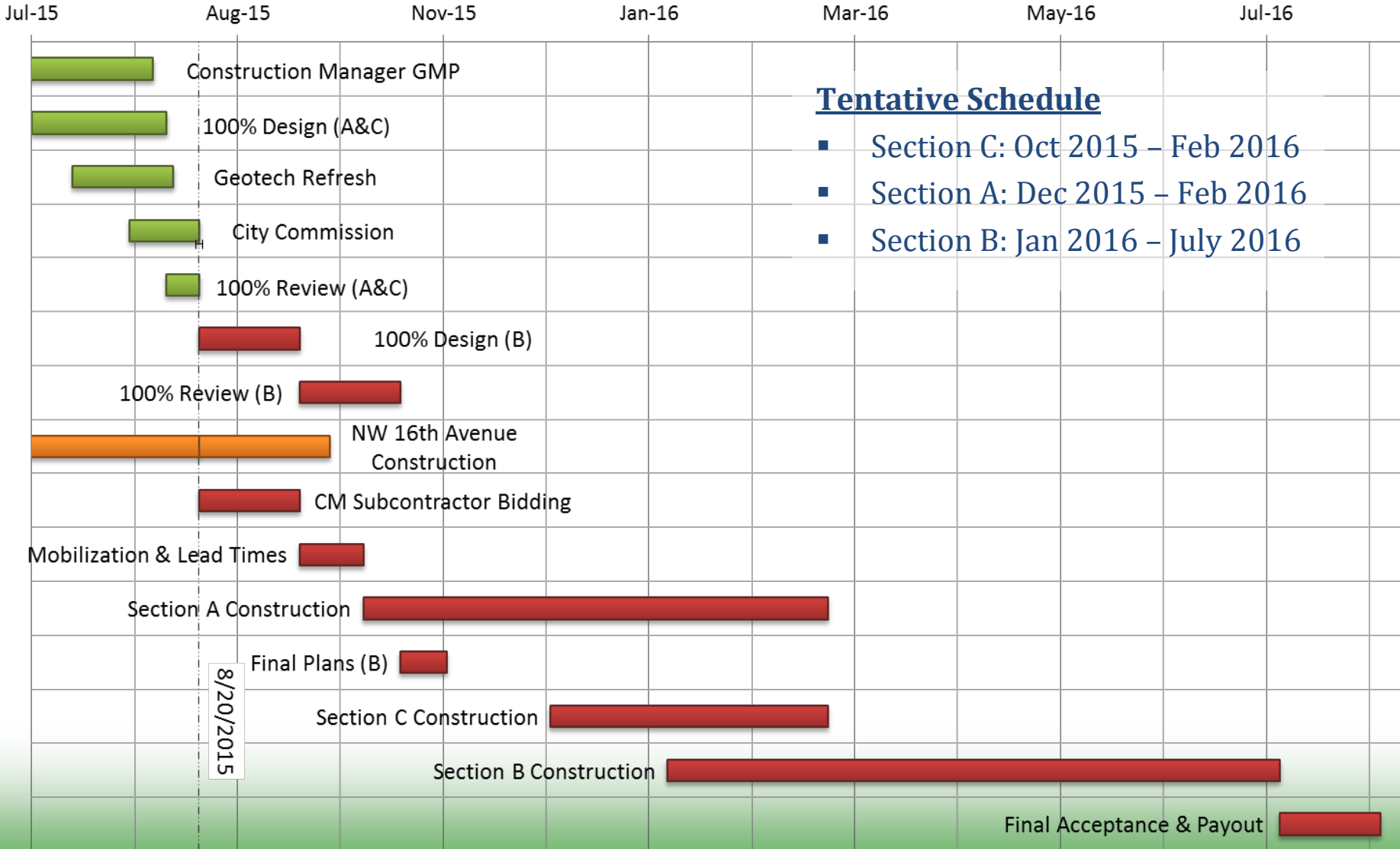


*two lane, two way* | *mostly undivided*

*5' existing sidewalks* | *4 lane crossing w/o refuge at boardwalk*  
*(~\$600,000 Reduction from 10')* | *4 lane crossing w/ refuge at 31<sup>st</sup> & 23<sup>rd</sup>*







### Tentative Schedule

- Section C: Oct 2015 – Feb 2016
- Section A: Dec 2015 – Feb 2016
- Section B: Jan 2016 – July 2016

8/20/2015

## Recommendation

- Receive the staff presentation.
- Provide direction regarding Creek Crossing Recommendation.
- Provide direction regarding grass strips & sidewalks.
- Approve GMP for Sections A & C and proceed towards construction.

**Stefan Broadus**  
**Project Engineer III**  
**Public Works - City of Gainesville**  
**(352) 393-8406**