

# STORMWATER MODELING, MAPPING & ANALYSIS

## CANE CREEK STUDY AREA

### VOLUME II OF II



PREPARED BY:



*Service and Good Work, Our Foundation, Our Future.*

PREPARED FOR:

CITY OF MEMPHIS

DIVISION OF ENGINEERING



REVISED DECEMBER, 2020

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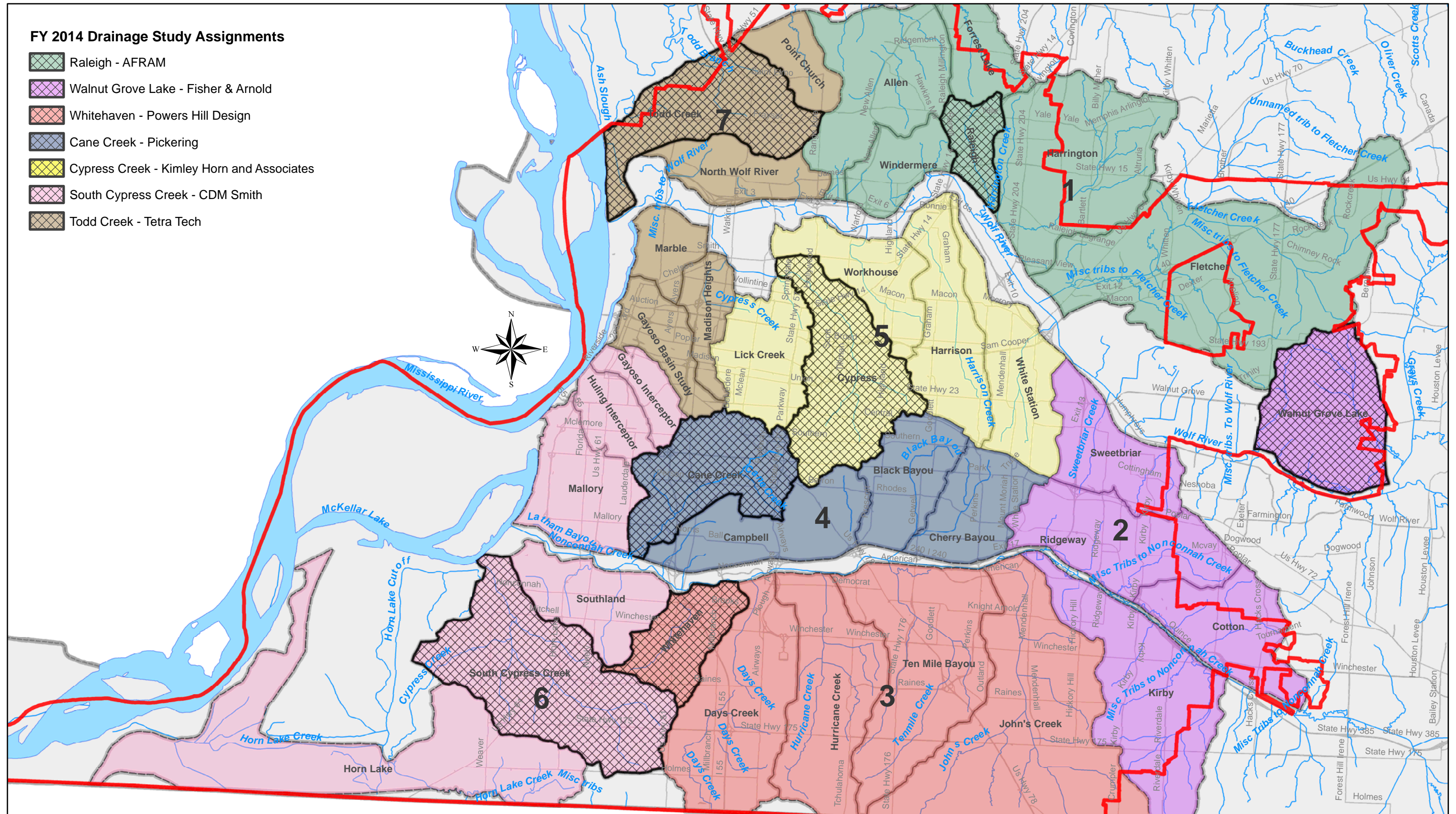
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APPENDIX I – FEMA BENEFIT-COST ANALYSIS (BCA) OUTPUT ( <b>provided in attached CD</b> )

# FY 2014 Drainage Study Assignments

- Raleigh - AFRAM
- Walnut Grove Lake - Fisher & Arnold
- Whitehaven - Powers Hill Design
- Cane Creek - Pickering
- Cypress Creek - Kimley Horn and Associates
- South Cypress Creek - CDM Smith
- Todd Creek - Tetra Tech

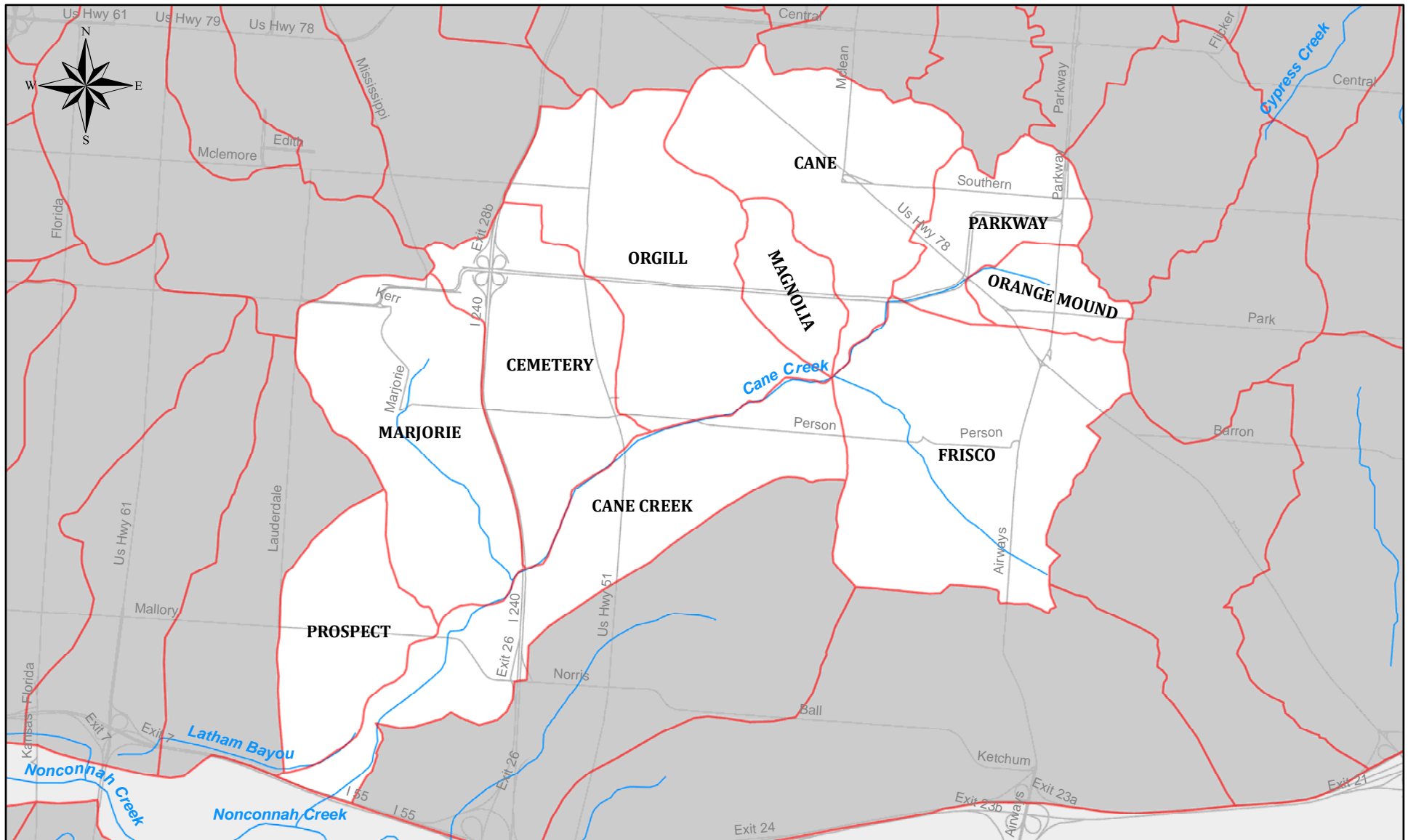


## FY 2014 / FY 2015 Stormwater Modeling, Mapping, & Analysis Overall Study District Map



EXHIBIT 1a





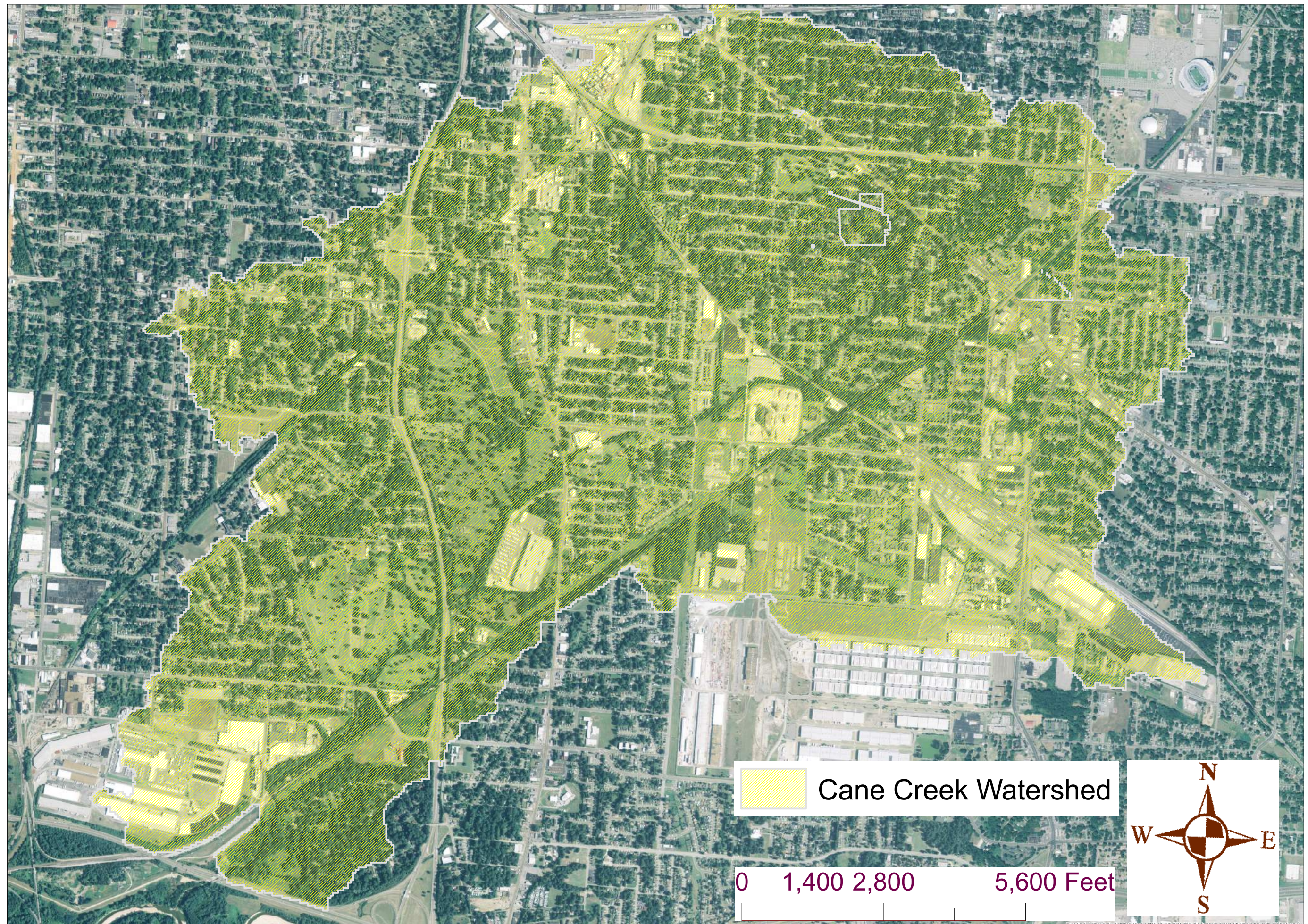
# FY 2014 / FY 2015 Stormwater Modeling, Mapping, & Analysis Cane Creek Study Area

EXHIBIT 1b



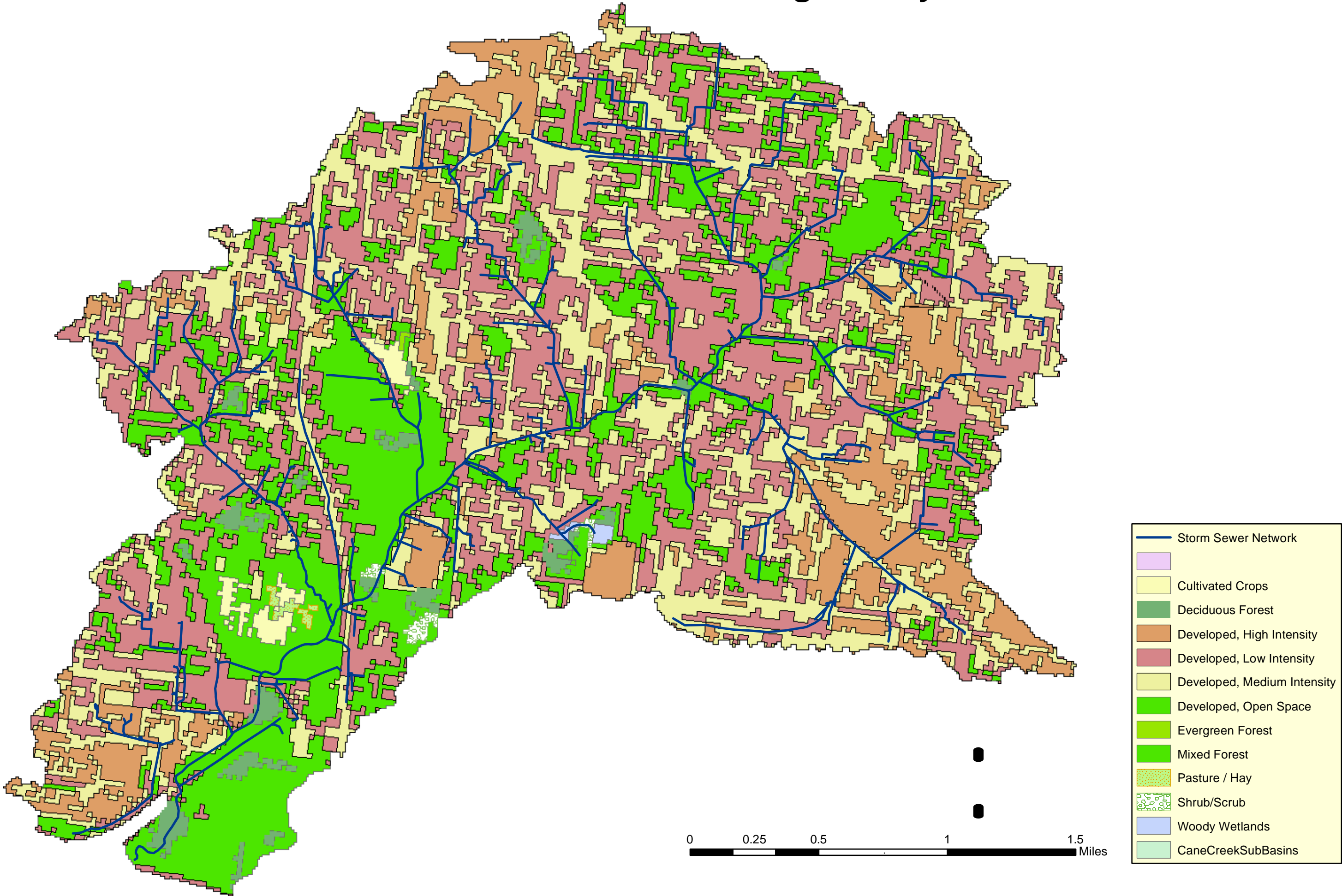


# Exhibit-2a: Cane Creek Watershed Study Area

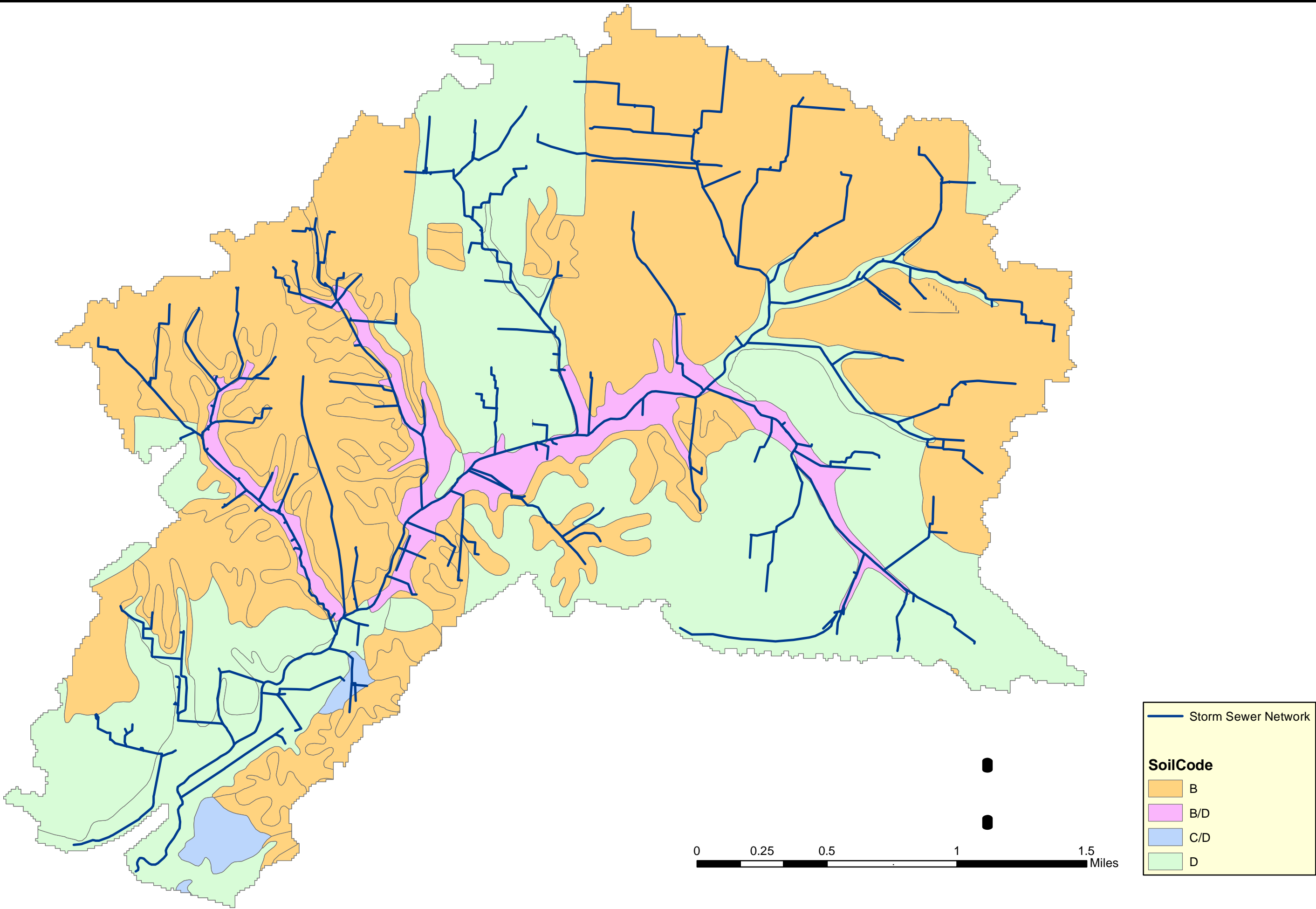




# Exhibit 2b - Cane Creek Drainage Study - Landuse

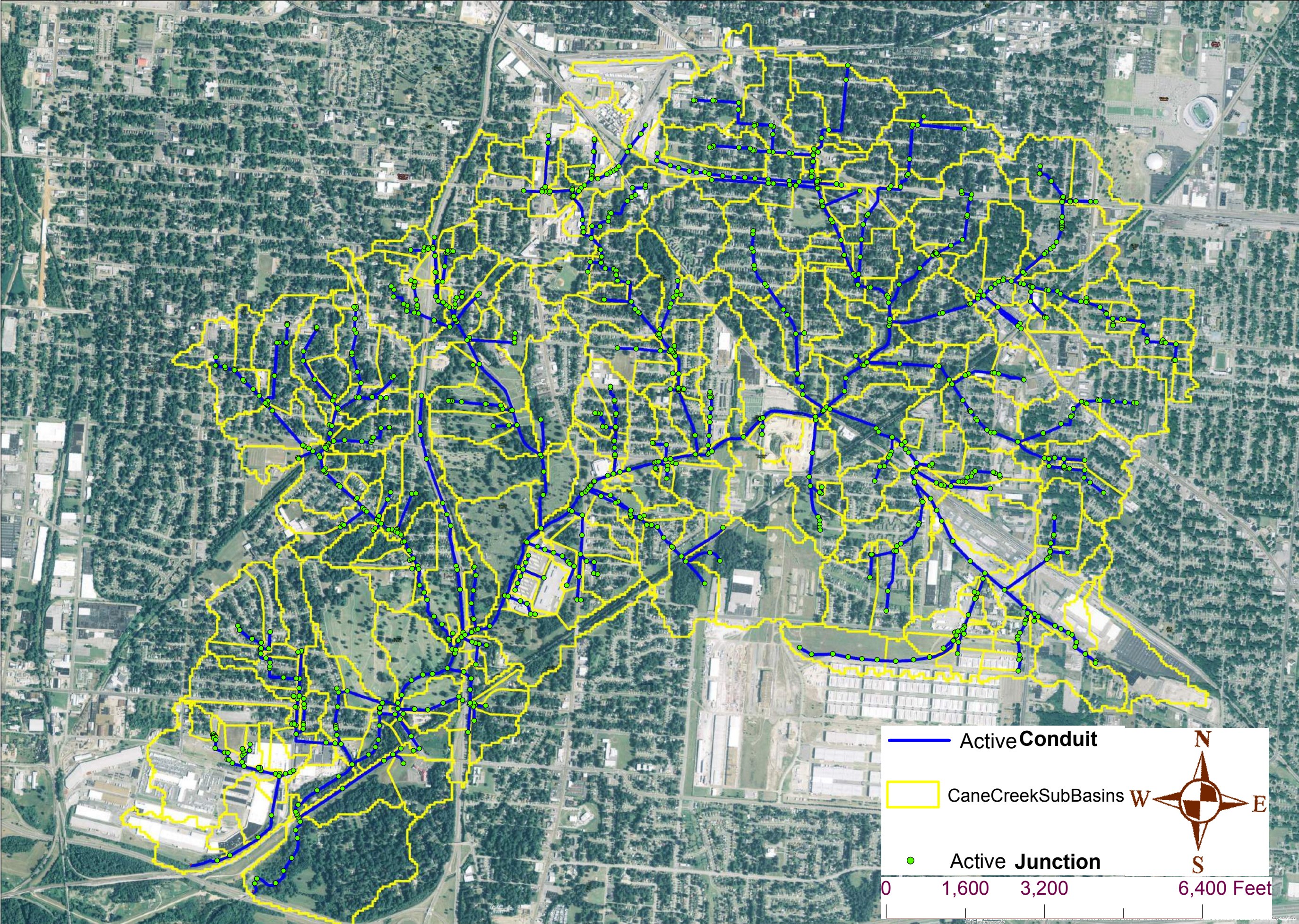


# Exhibit 2c - Cane Creek Drainage Study - Soil Types

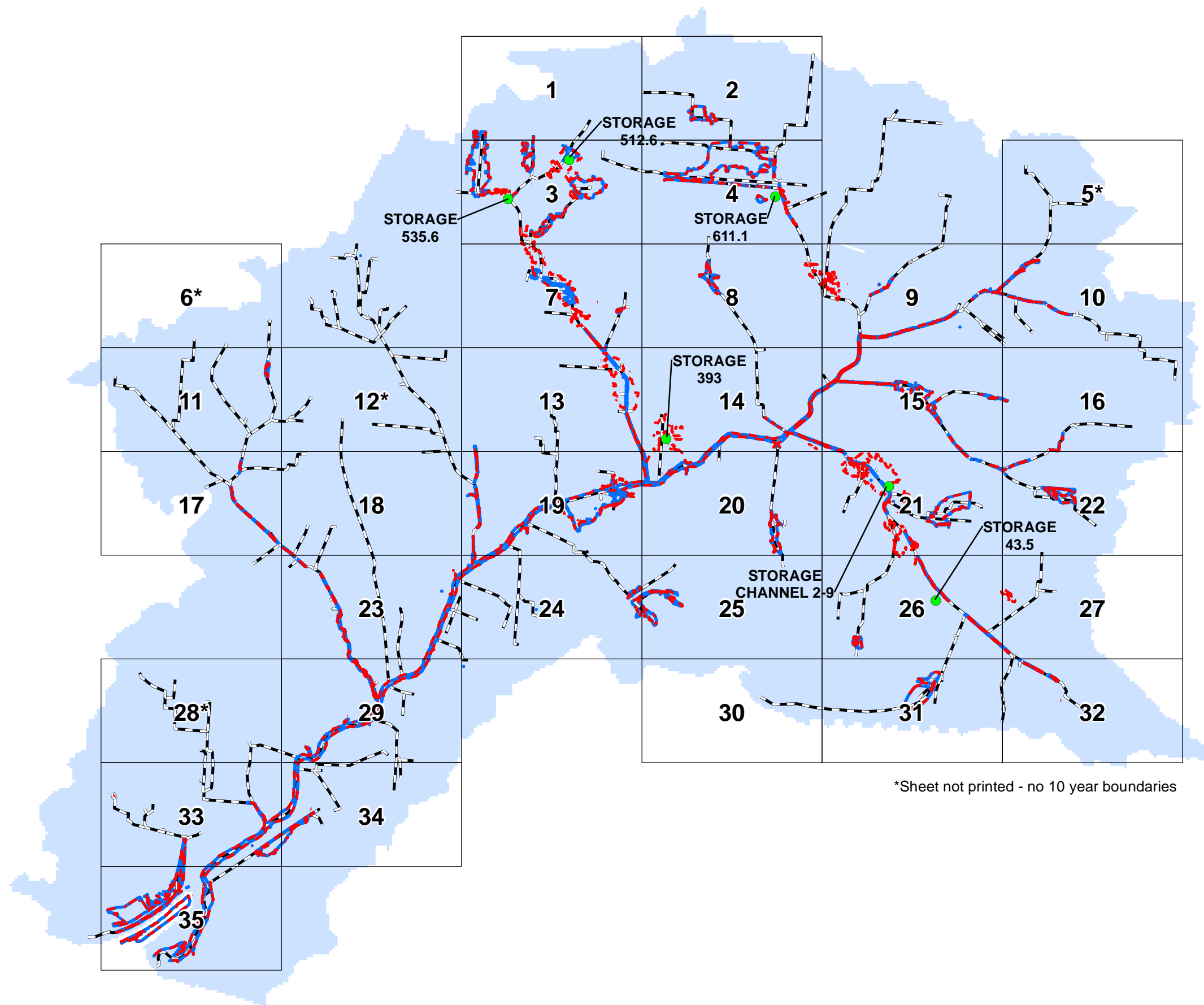




# Exhibit-3: Cane Creek Watershed Sub-Basin Delineation



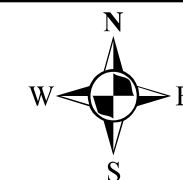
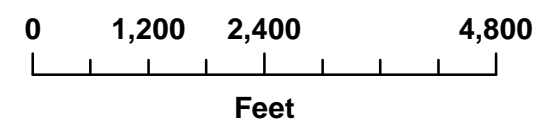




\*Sheet not printed - no 10 year boundaries

# **Exhibit-4a:** **10 Year Flood Boundaries**

- Stormwater Conveyance System
- 10 Year Existing Conditions Flood Boundaries
- 10 Year Flood Boundaries with Detention Ponds






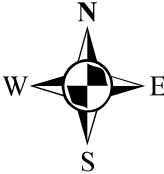
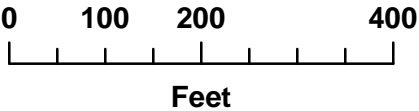
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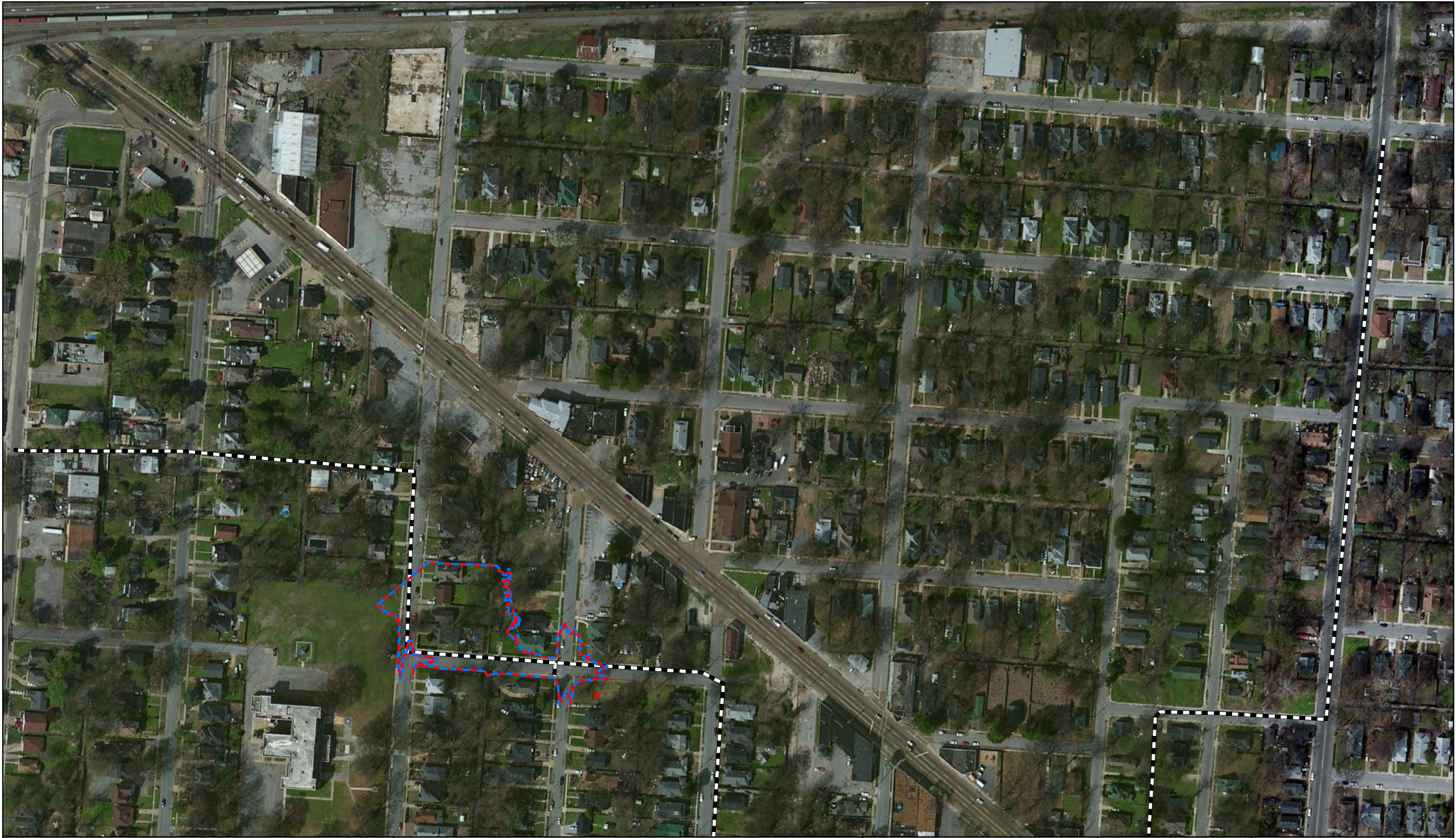


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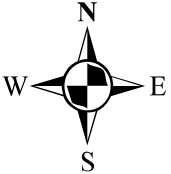
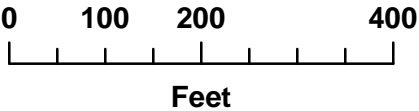




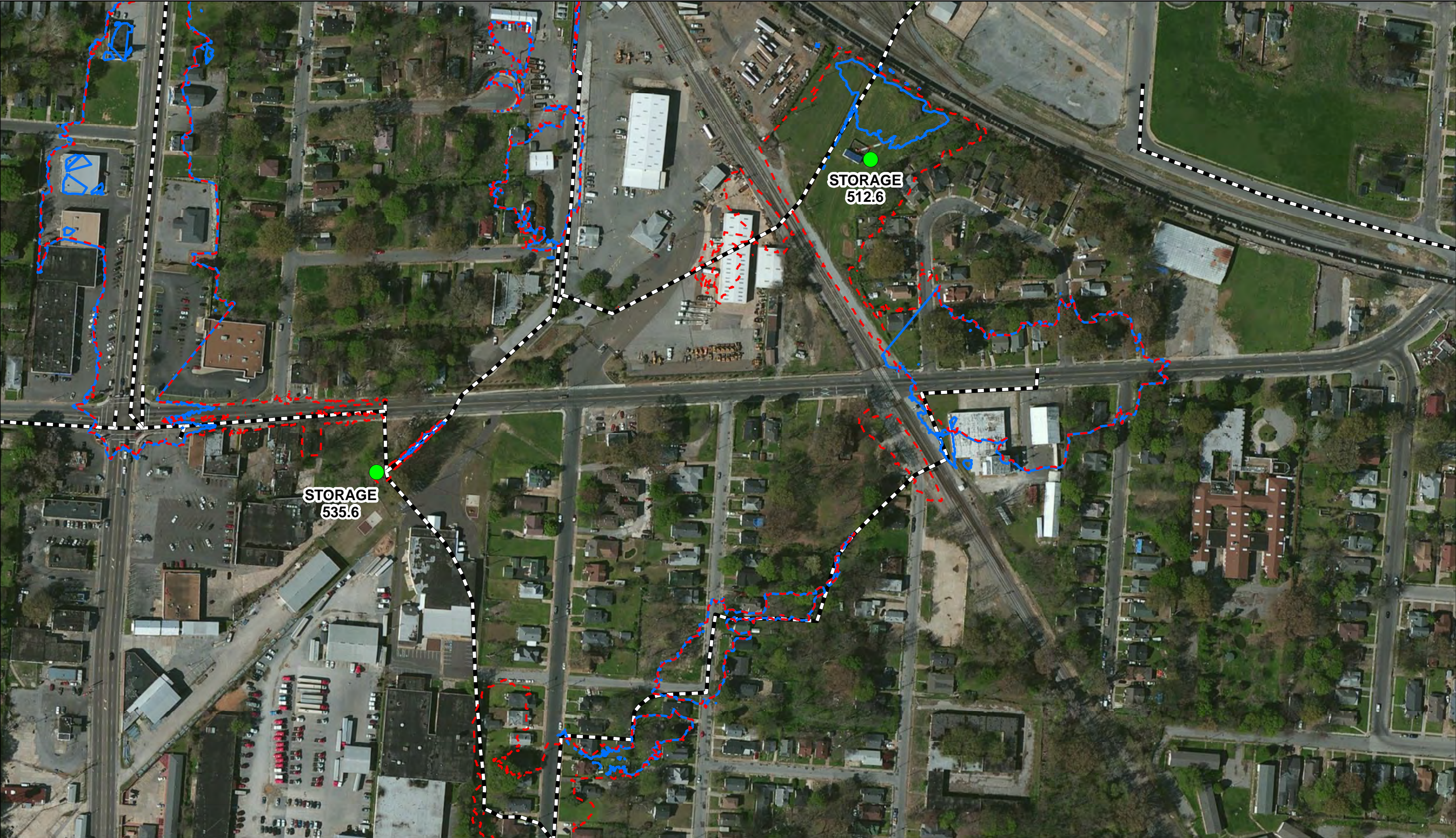


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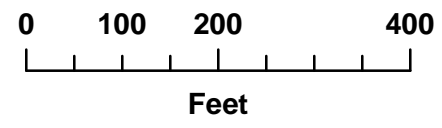




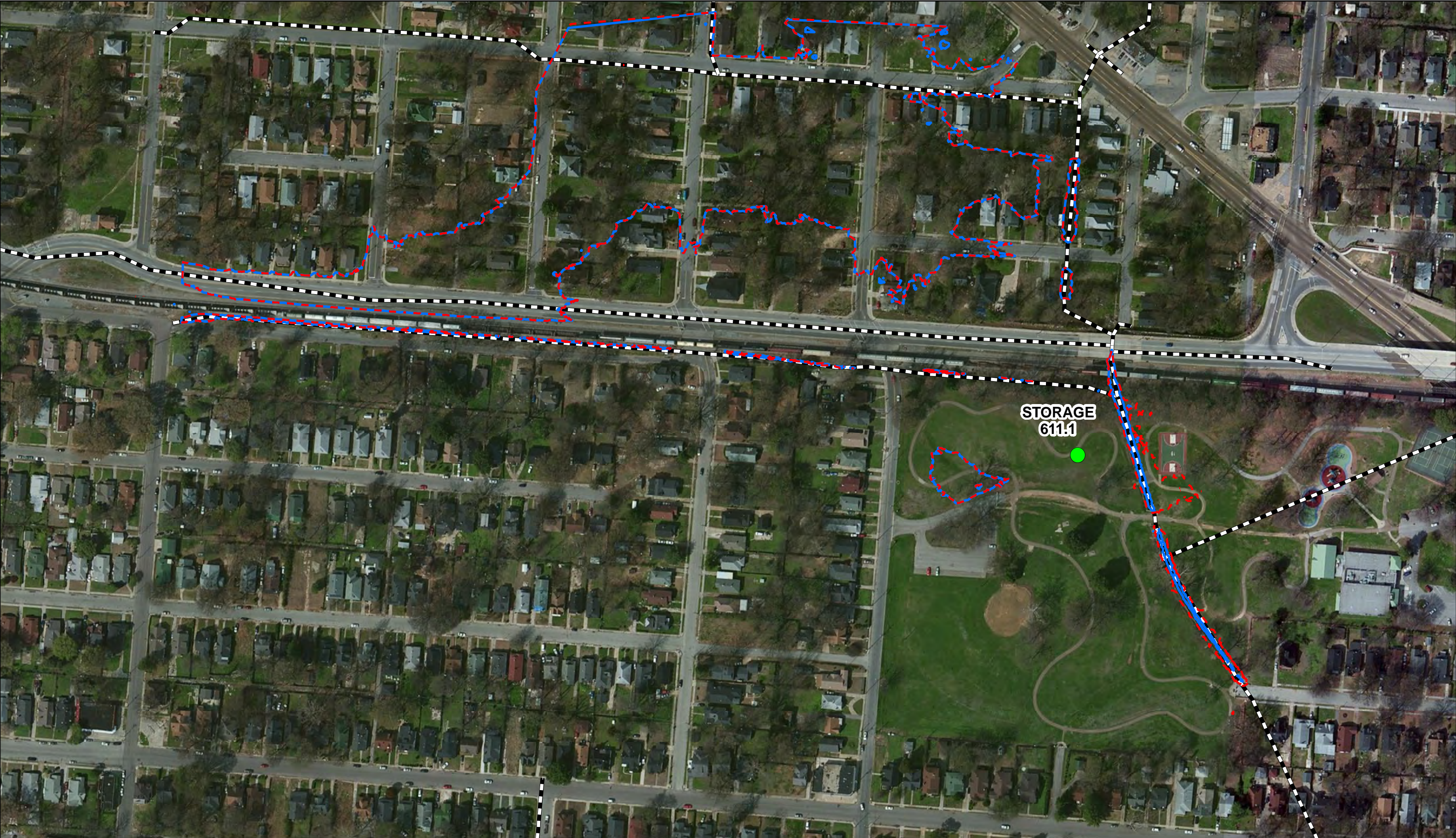


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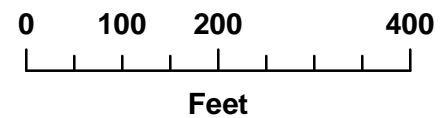






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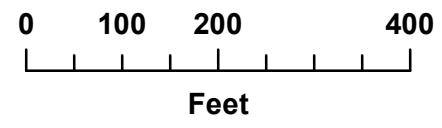




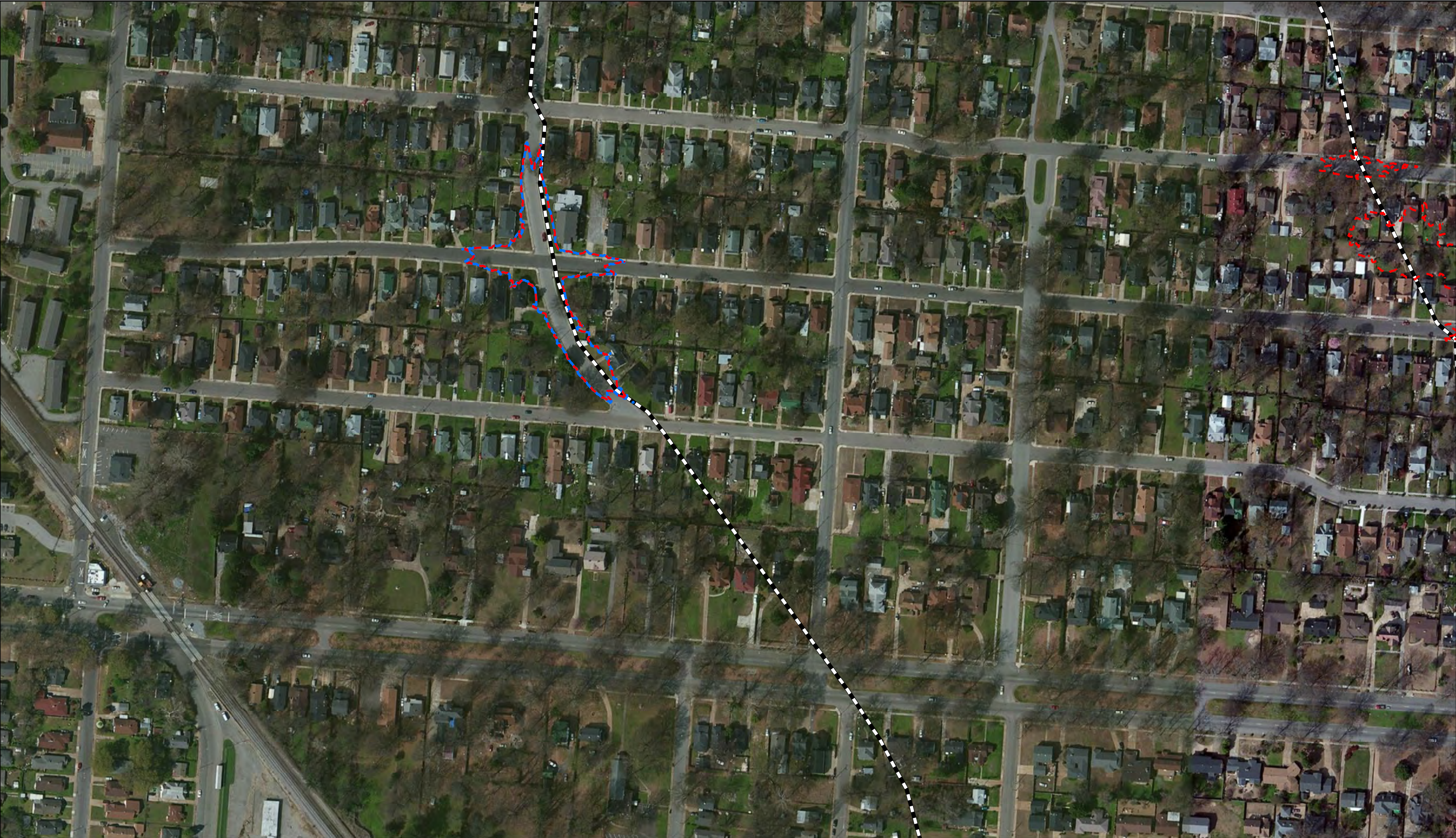


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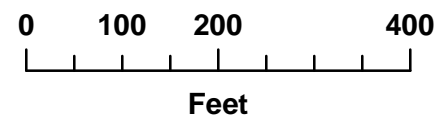




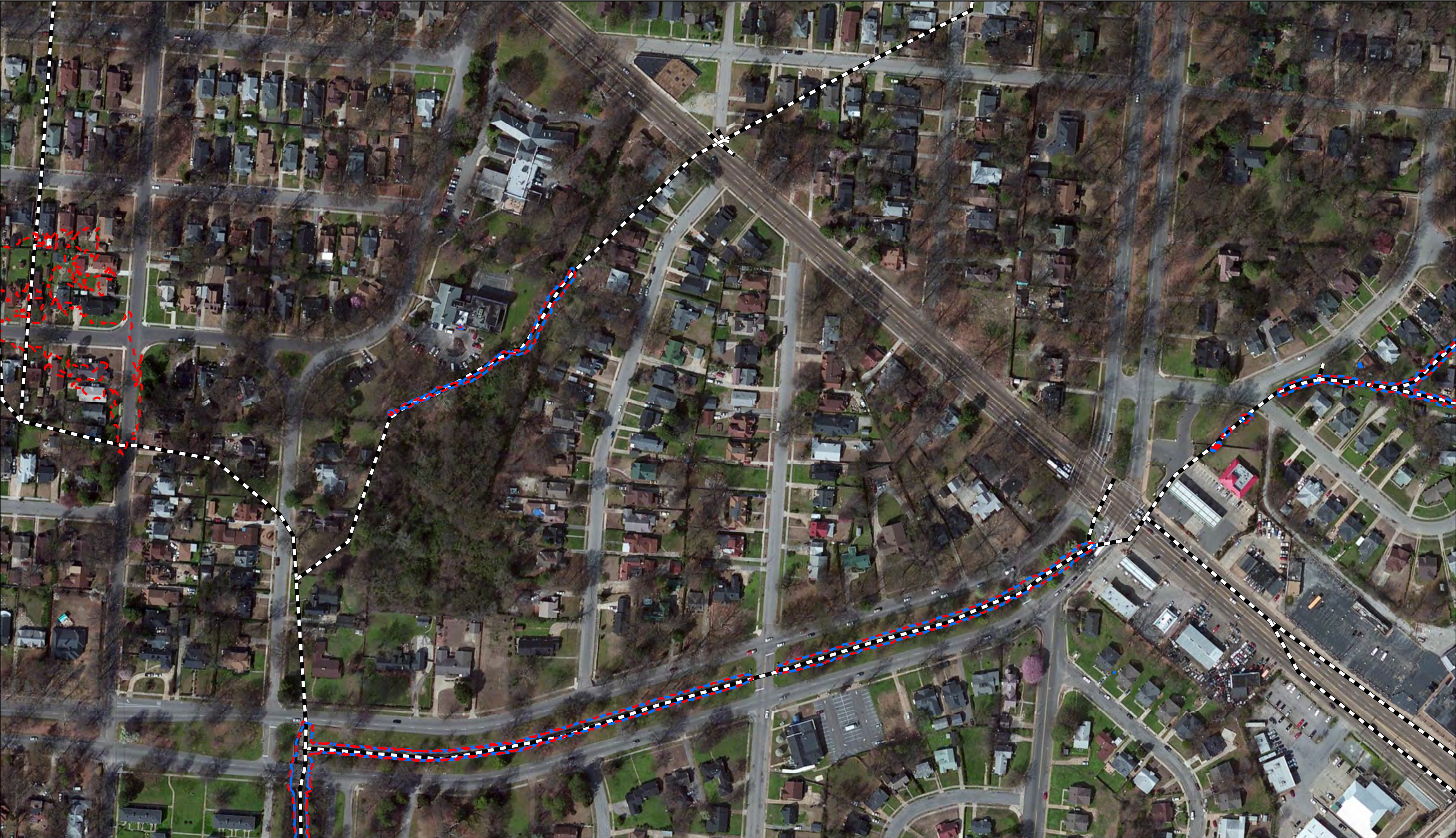


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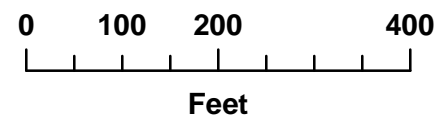




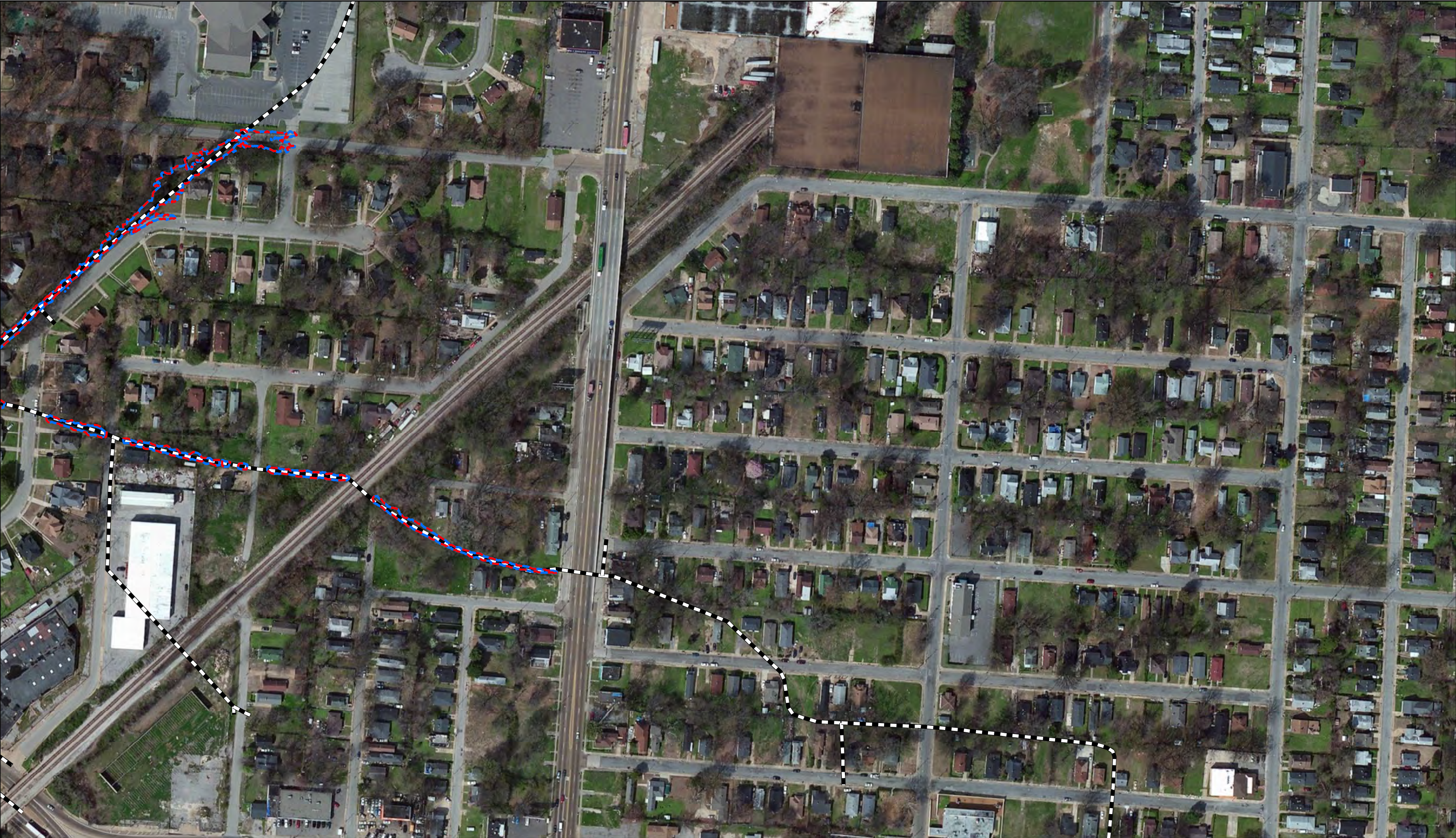


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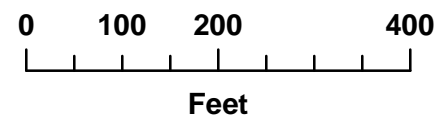




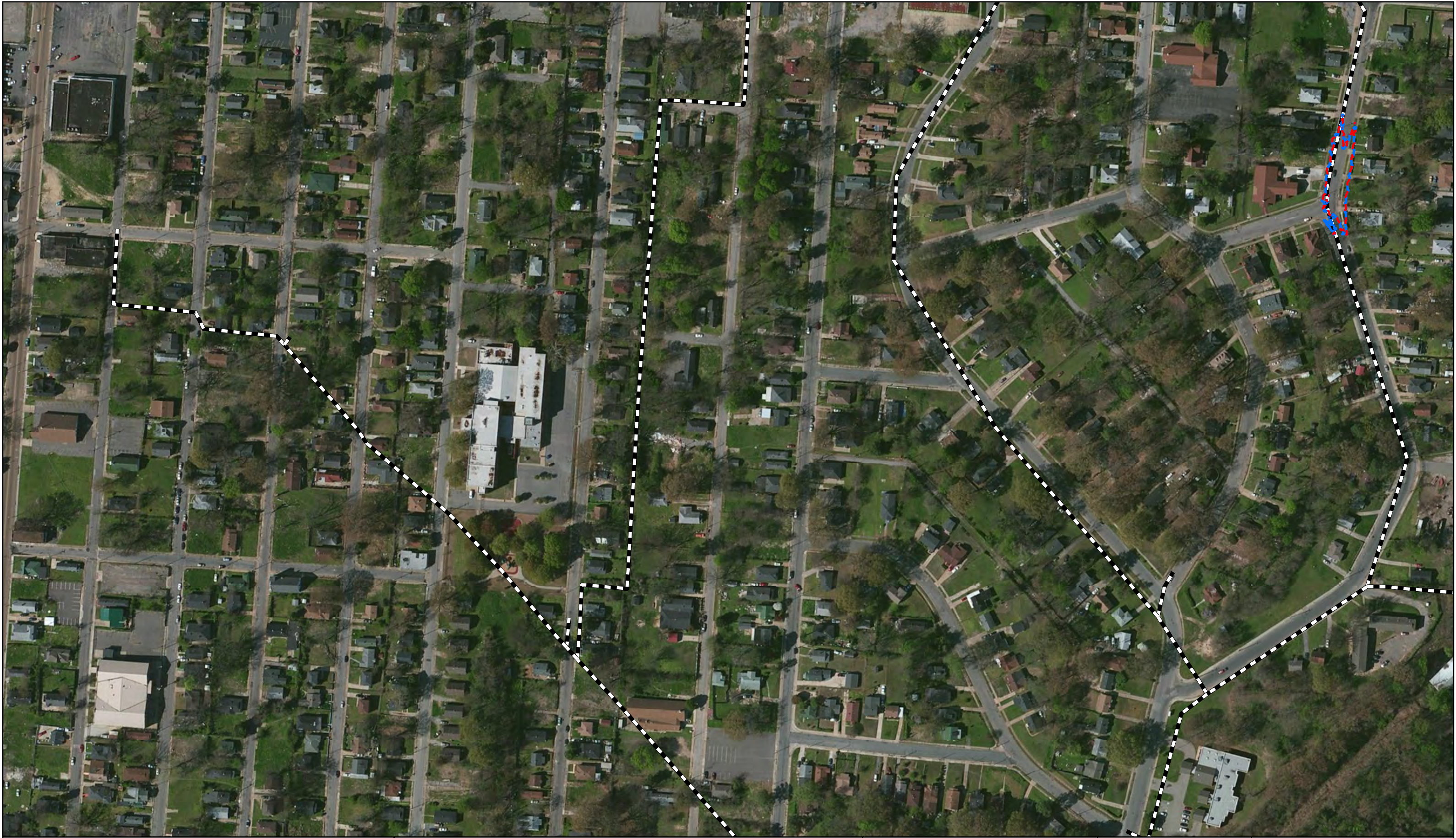


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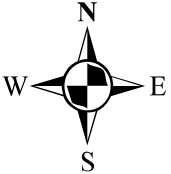
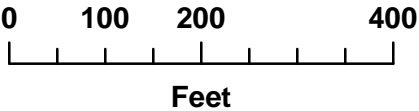




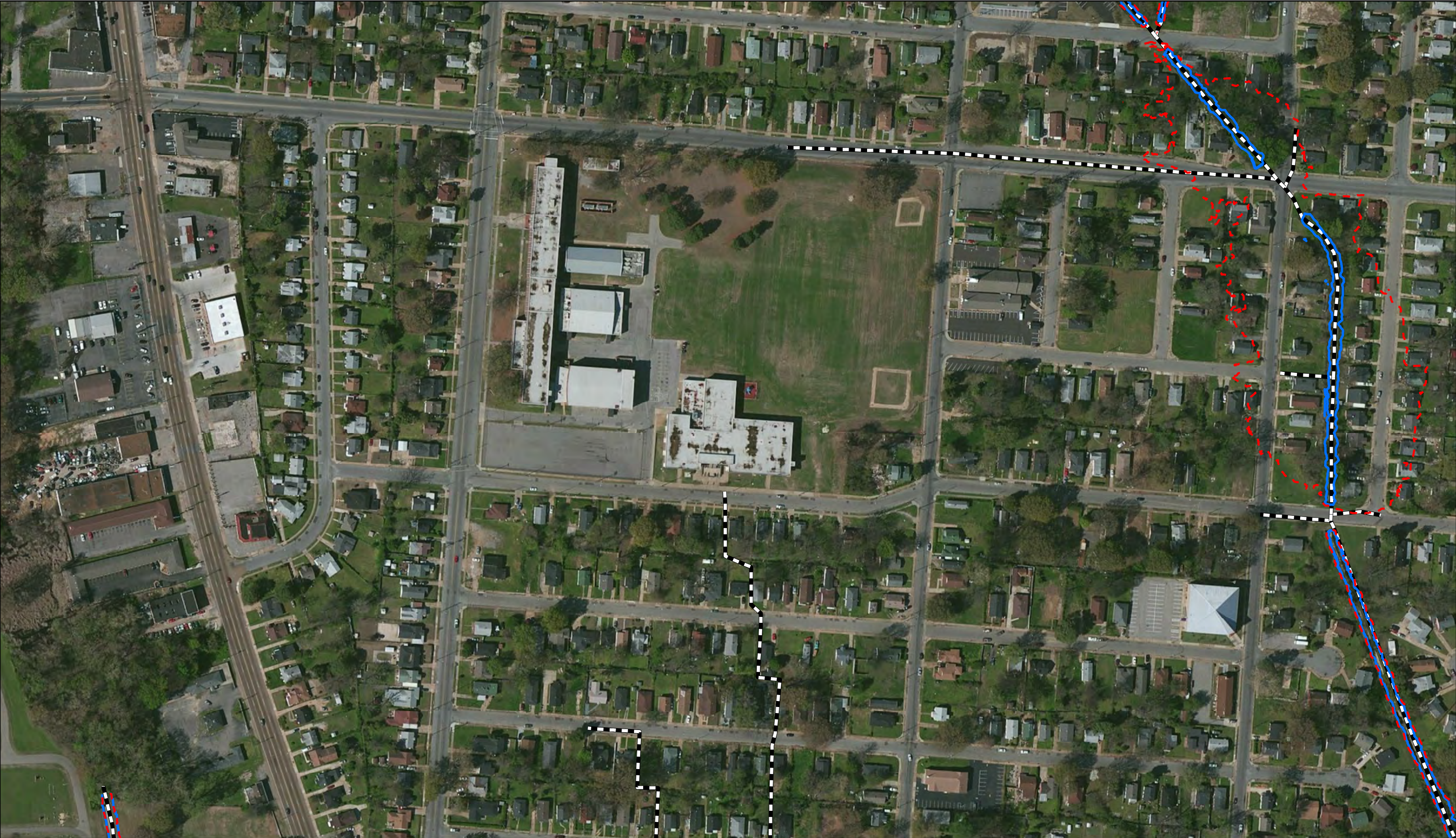


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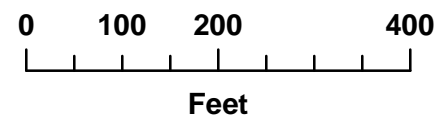




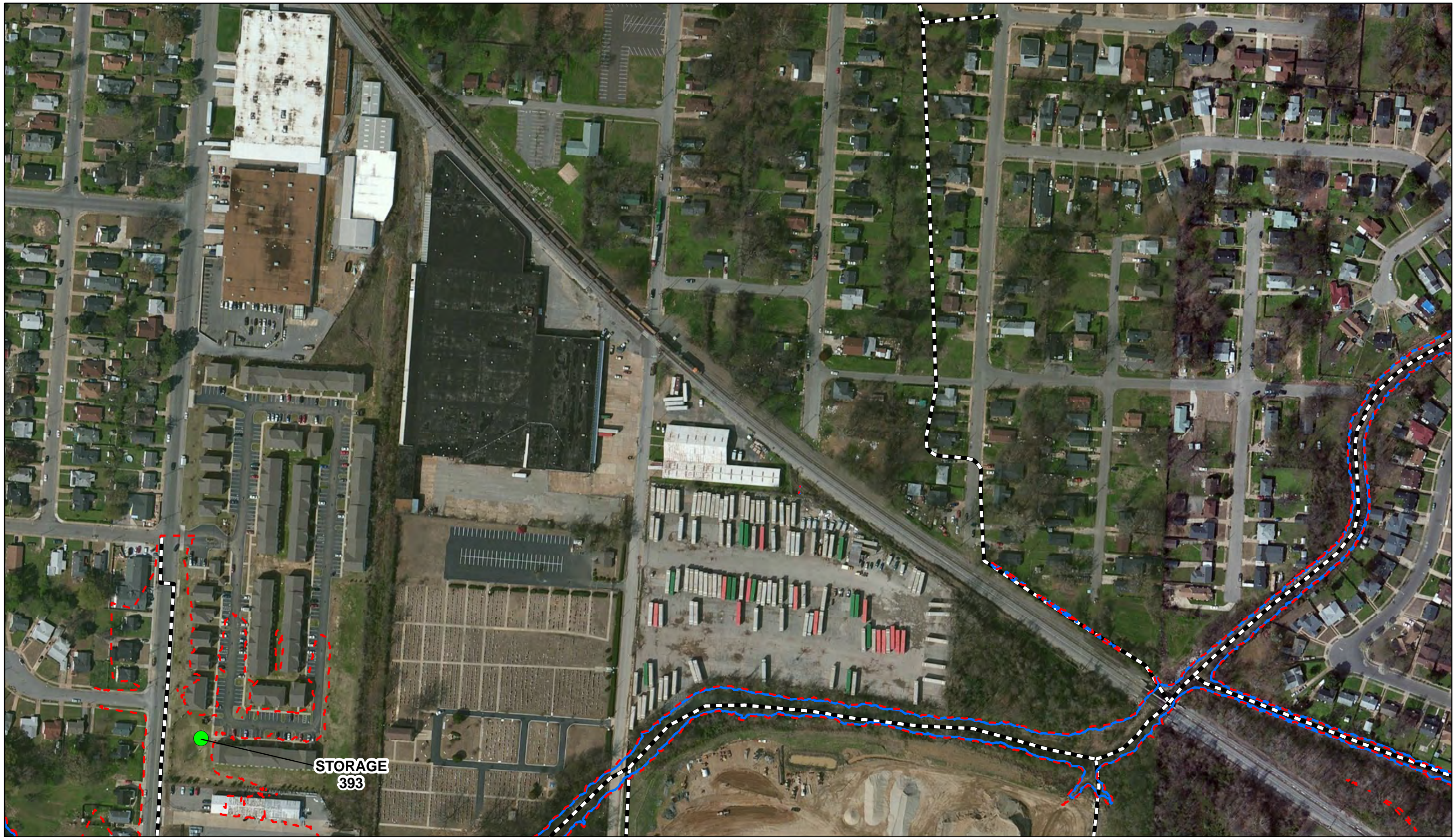


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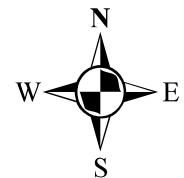
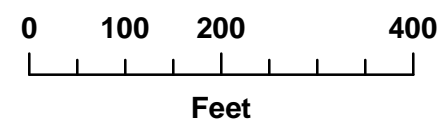






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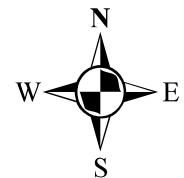
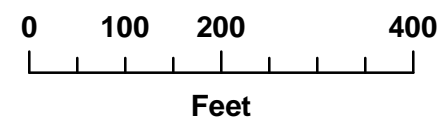




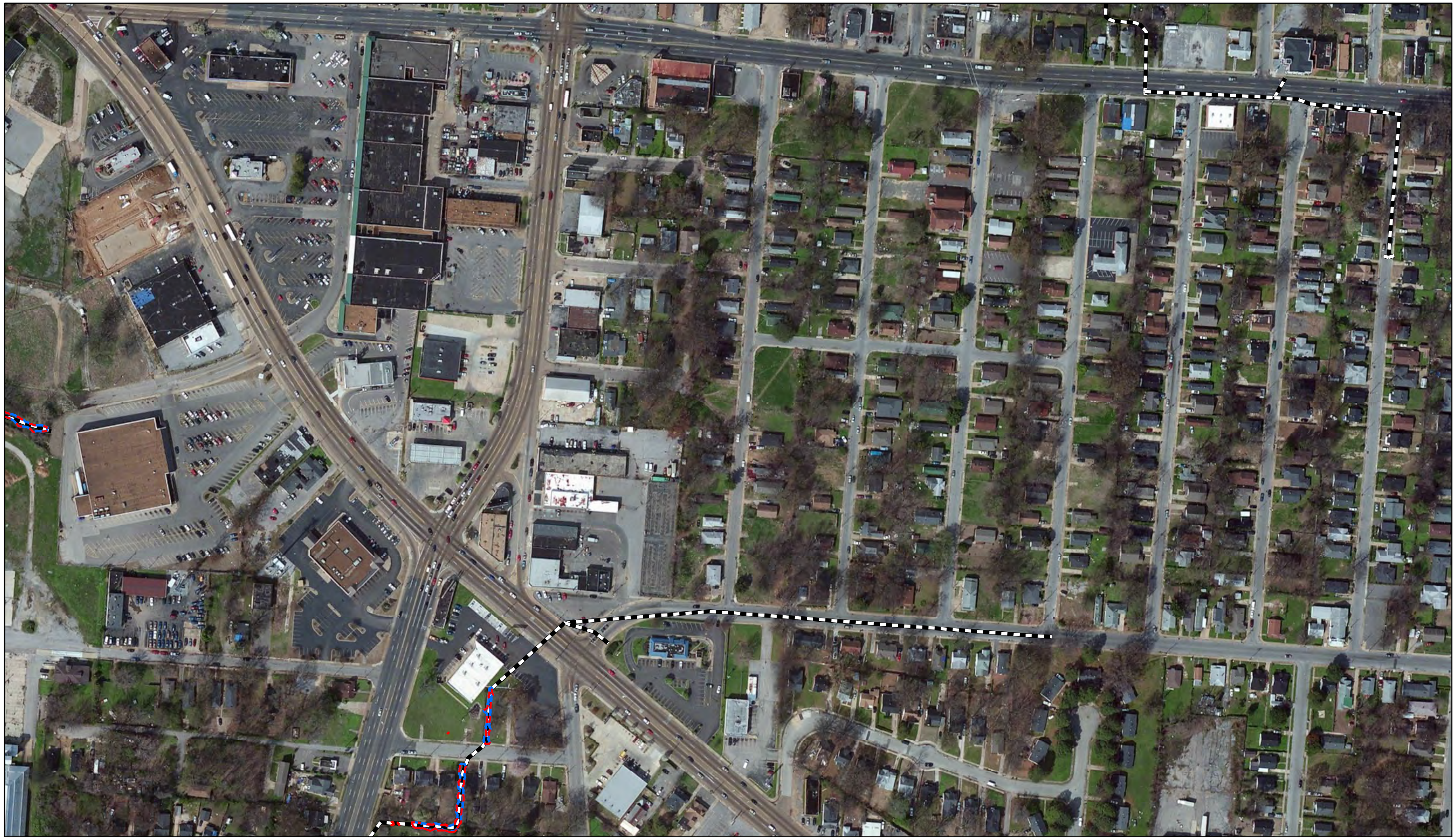


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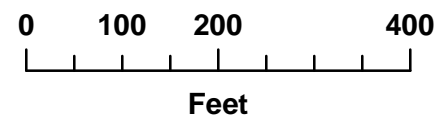




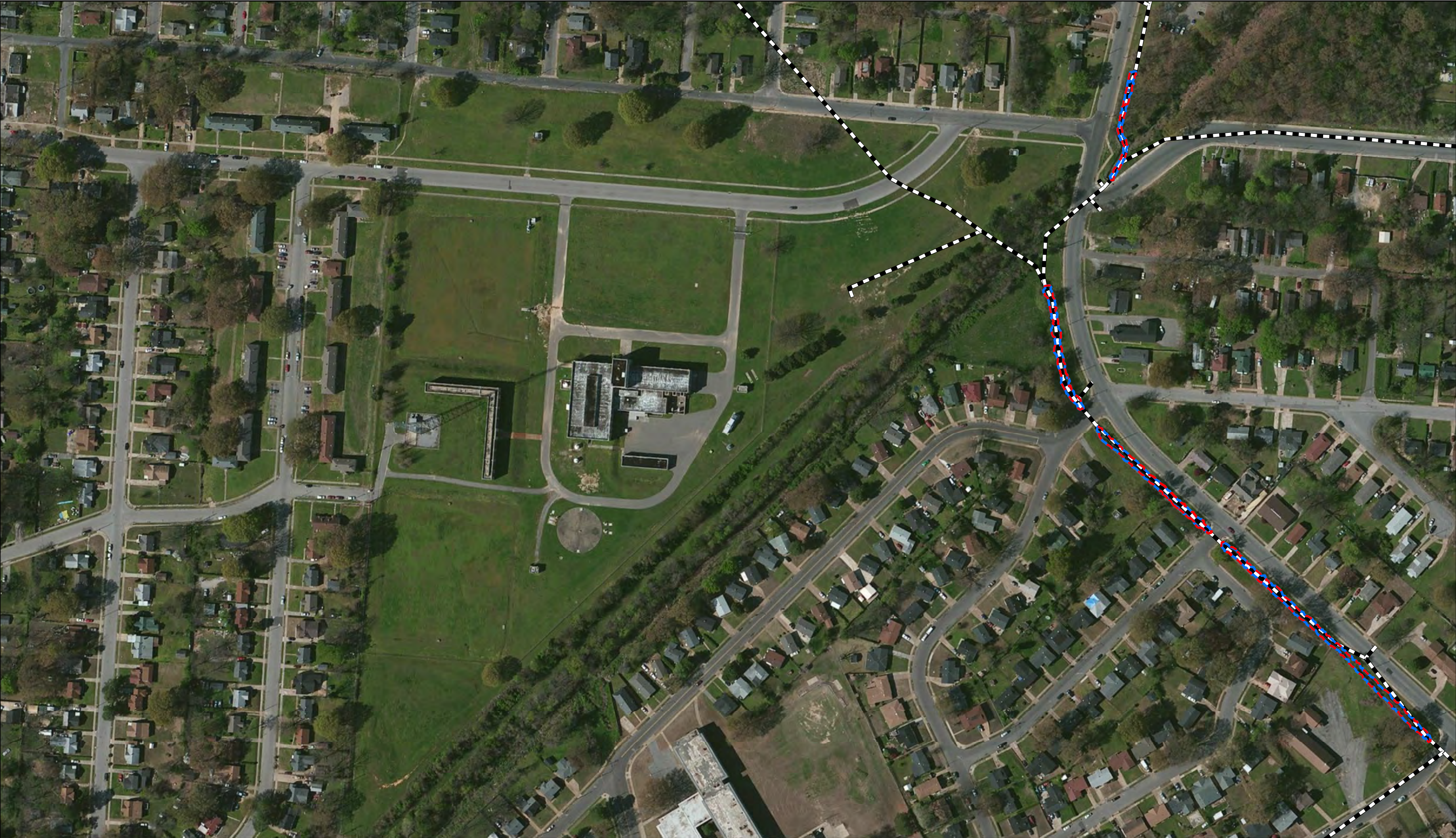


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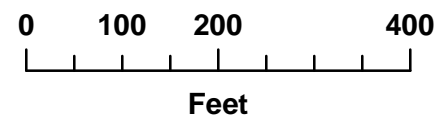






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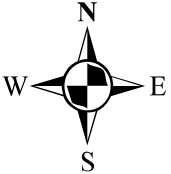
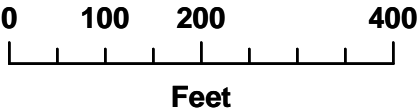




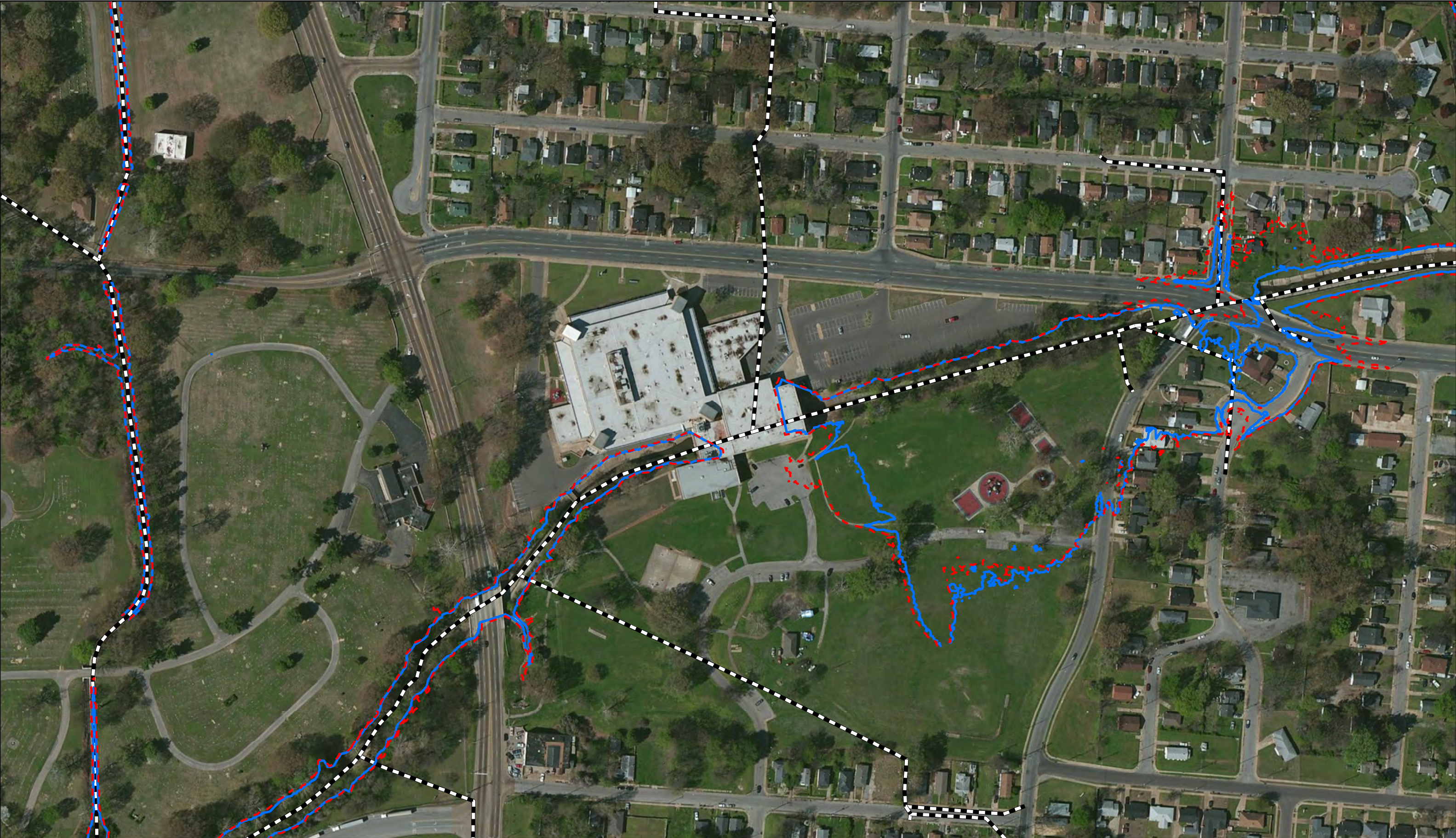


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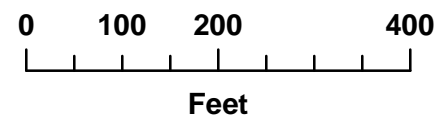






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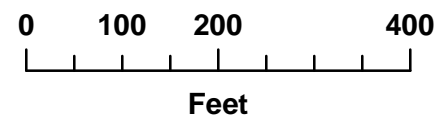




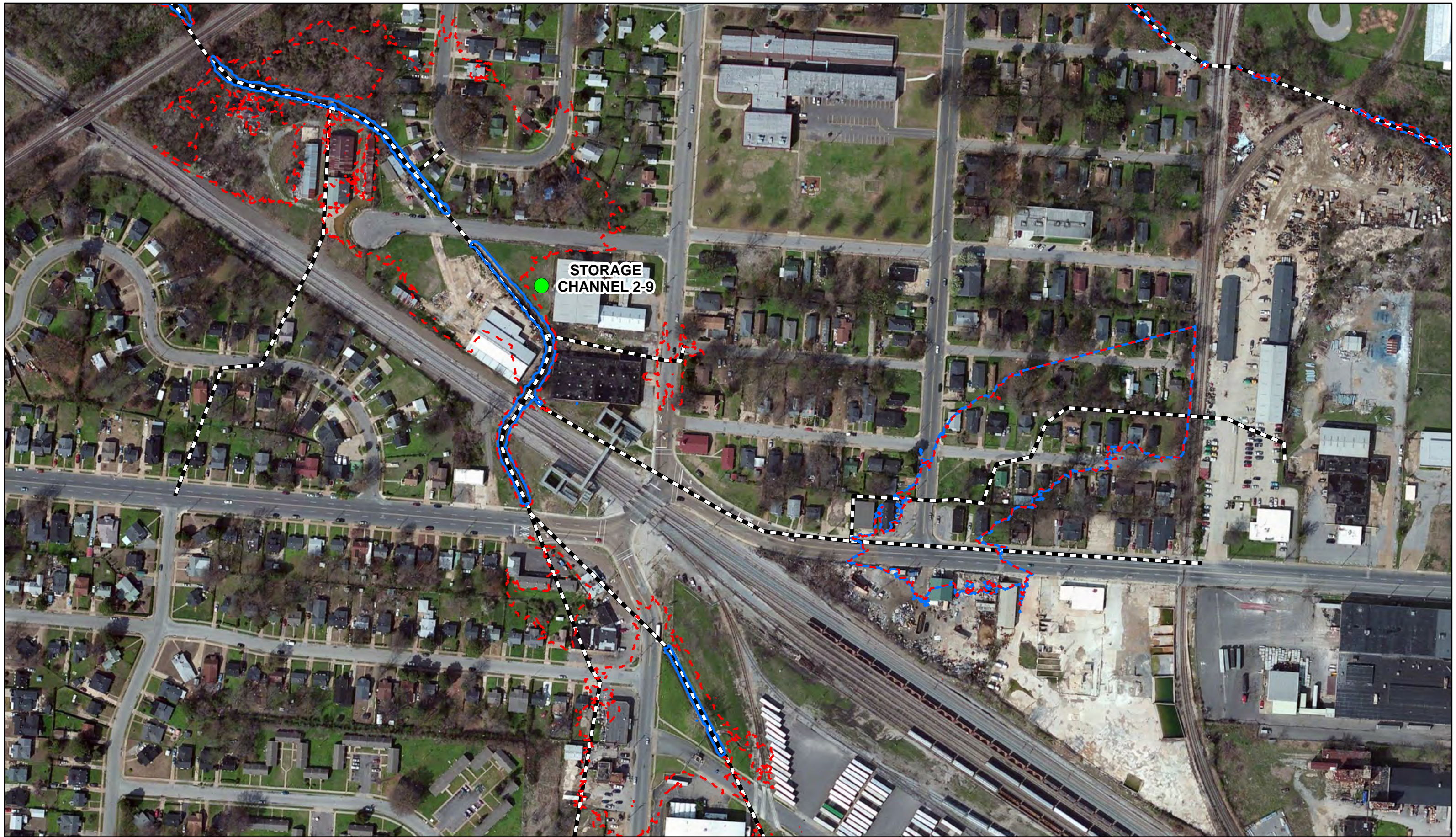


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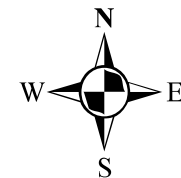
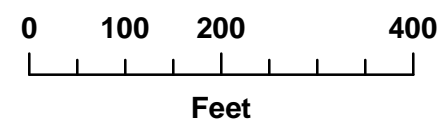




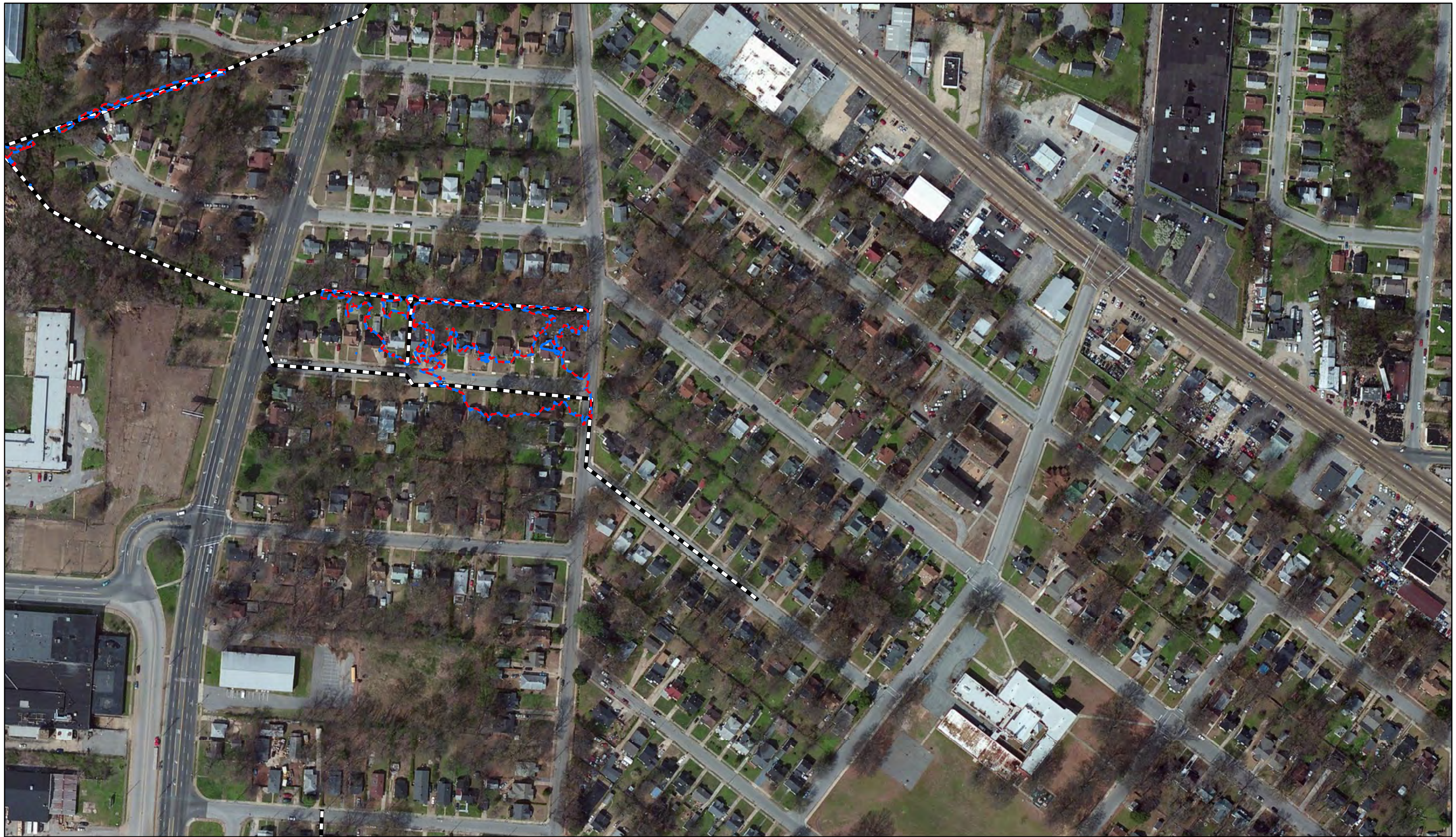


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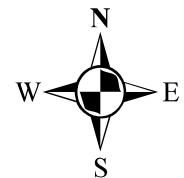
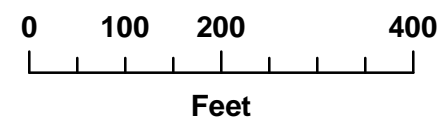






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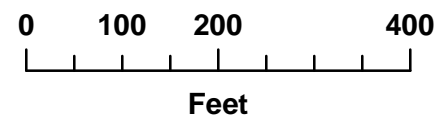




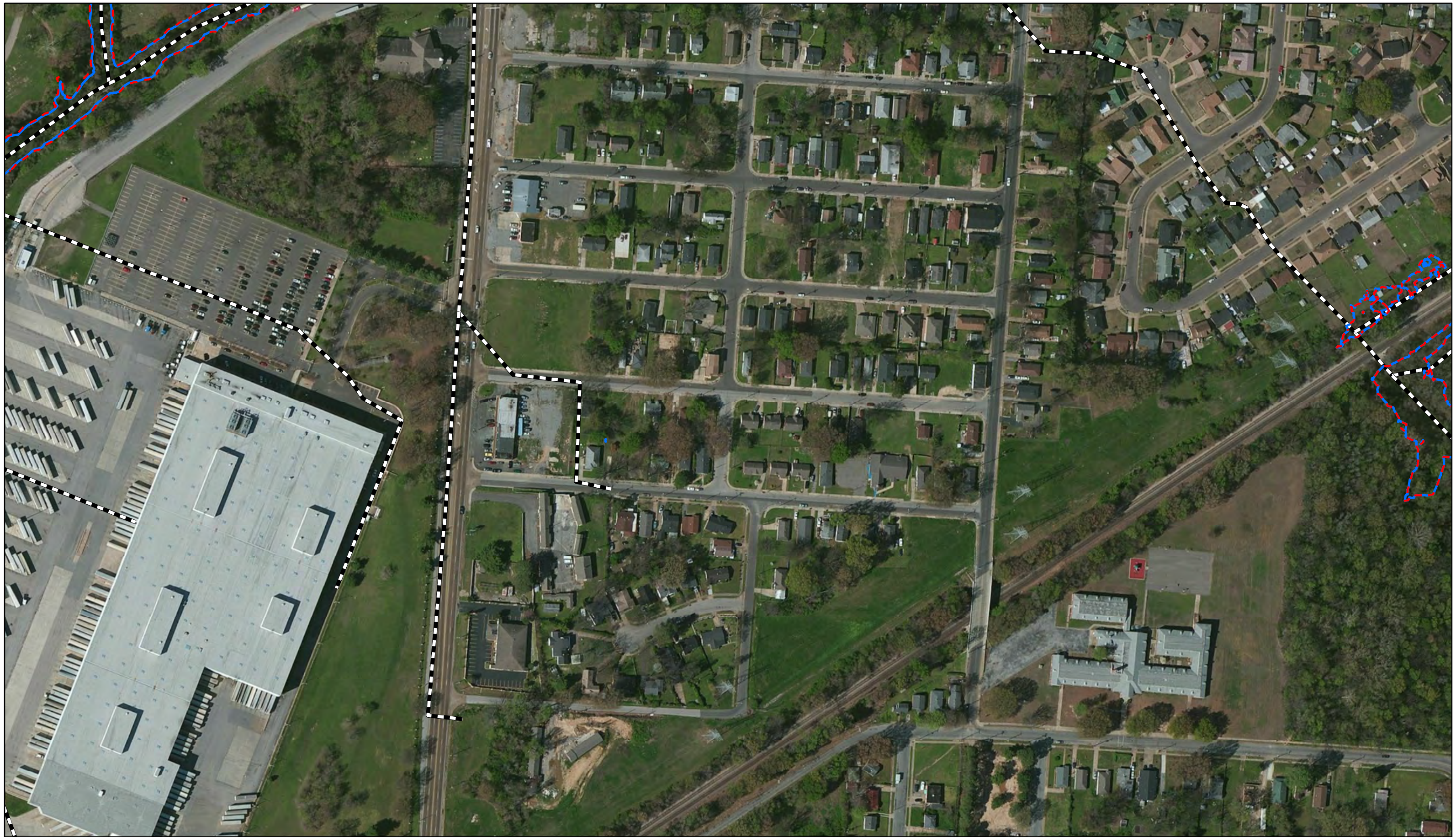


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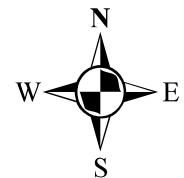
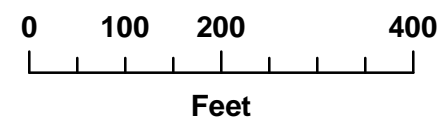






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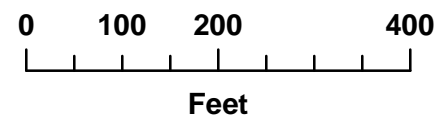




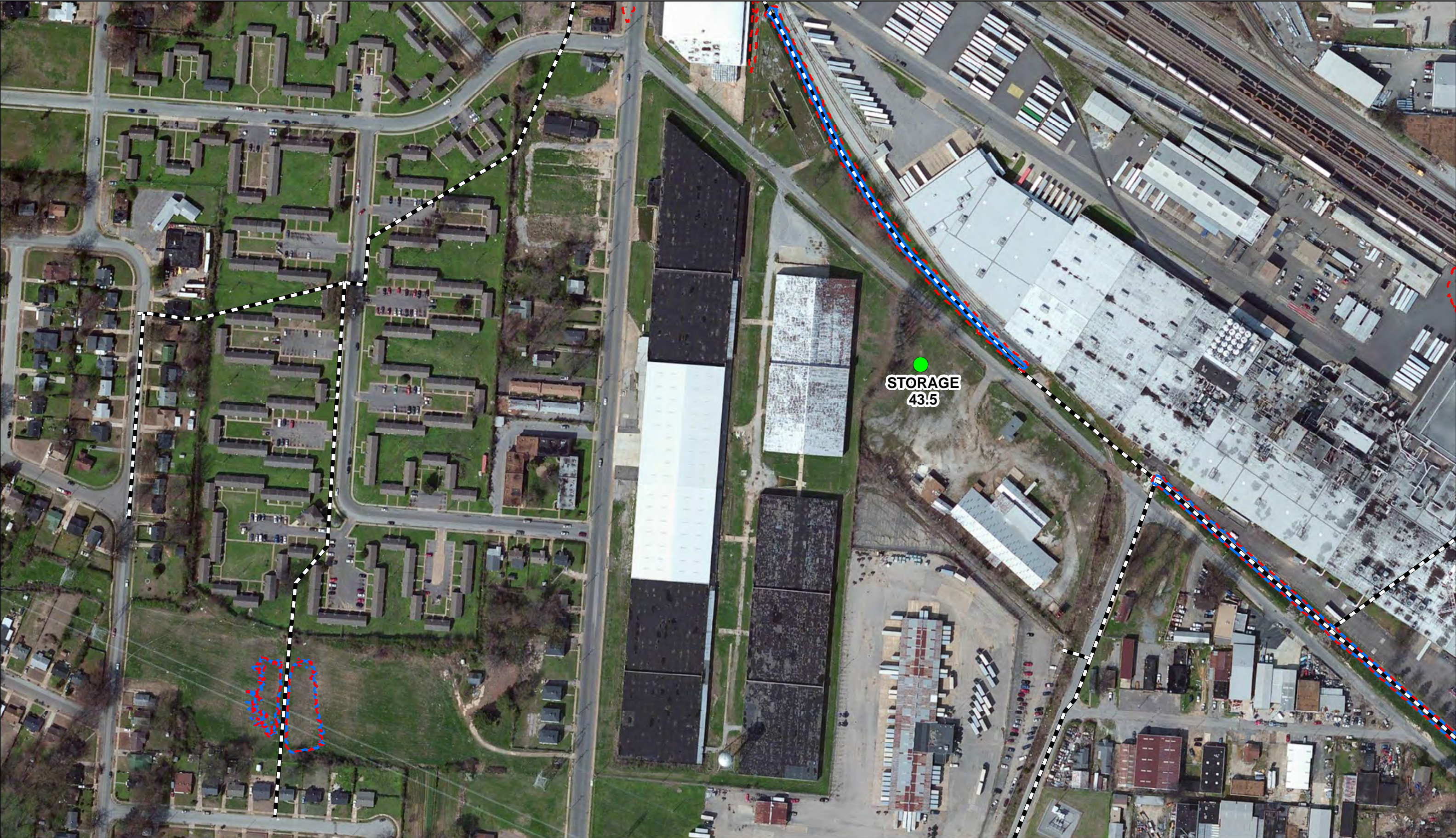


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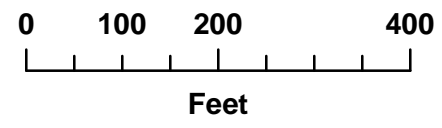






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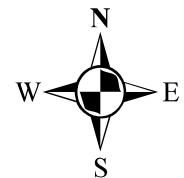
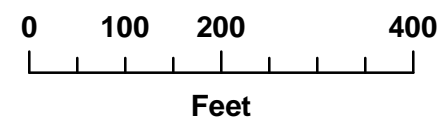






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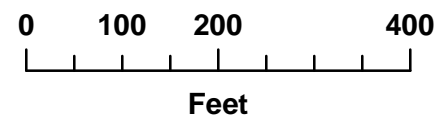






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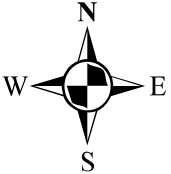
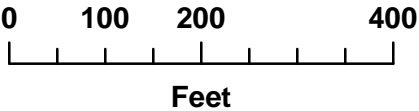




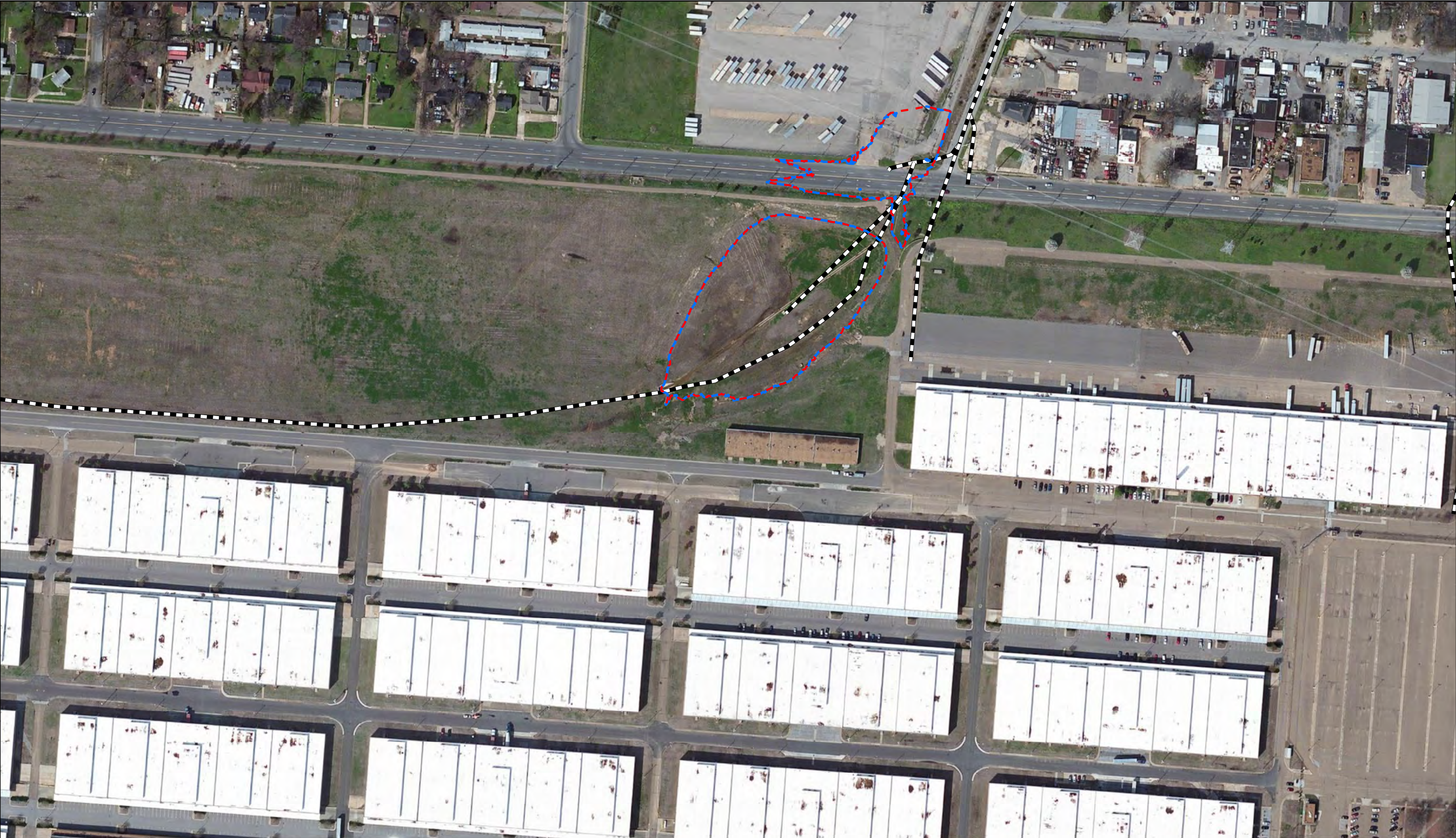


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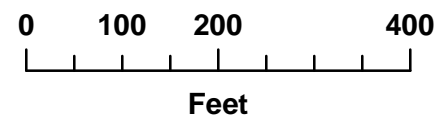






**Exhibit-4a:**  
**10 Year Flood Boundaries**




- Stormwater Conveyance System
- - - 10 Year Existing Conditions Flood Boundaries
- 10 Year Flood Boundaries with Detention Ponds

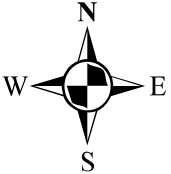
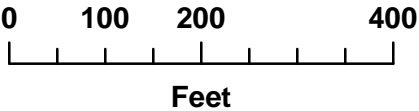






**Exhibit-4a:**  
**10 Year Flood Boundaries**




-  Stormwater Conveyance System
-  10 Year Existing Conditions Flood Boundaries
-  10 Year Flood Boundaries with Detention Ponds

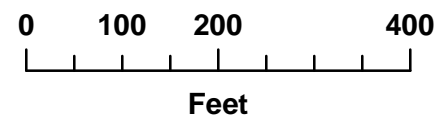






**Exhibit-4a:**  
**10 Year Flood Boundaries**




-  Stormwater Conveyance System
-  10 Year Existing Conditions Flood Boundaries
-  10 Year Flood Boundaries with Detention Ponds

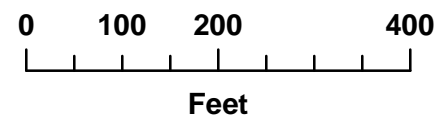






**Exhibit-4a:**  
**10 Year Flood Boundaries**




-  Stormwater Conveyance System
-  10 Year Existing Conditions Flood Boundaries
-  10 Year Flood Boundaries with Detention Ponds

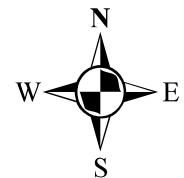
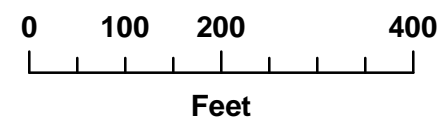




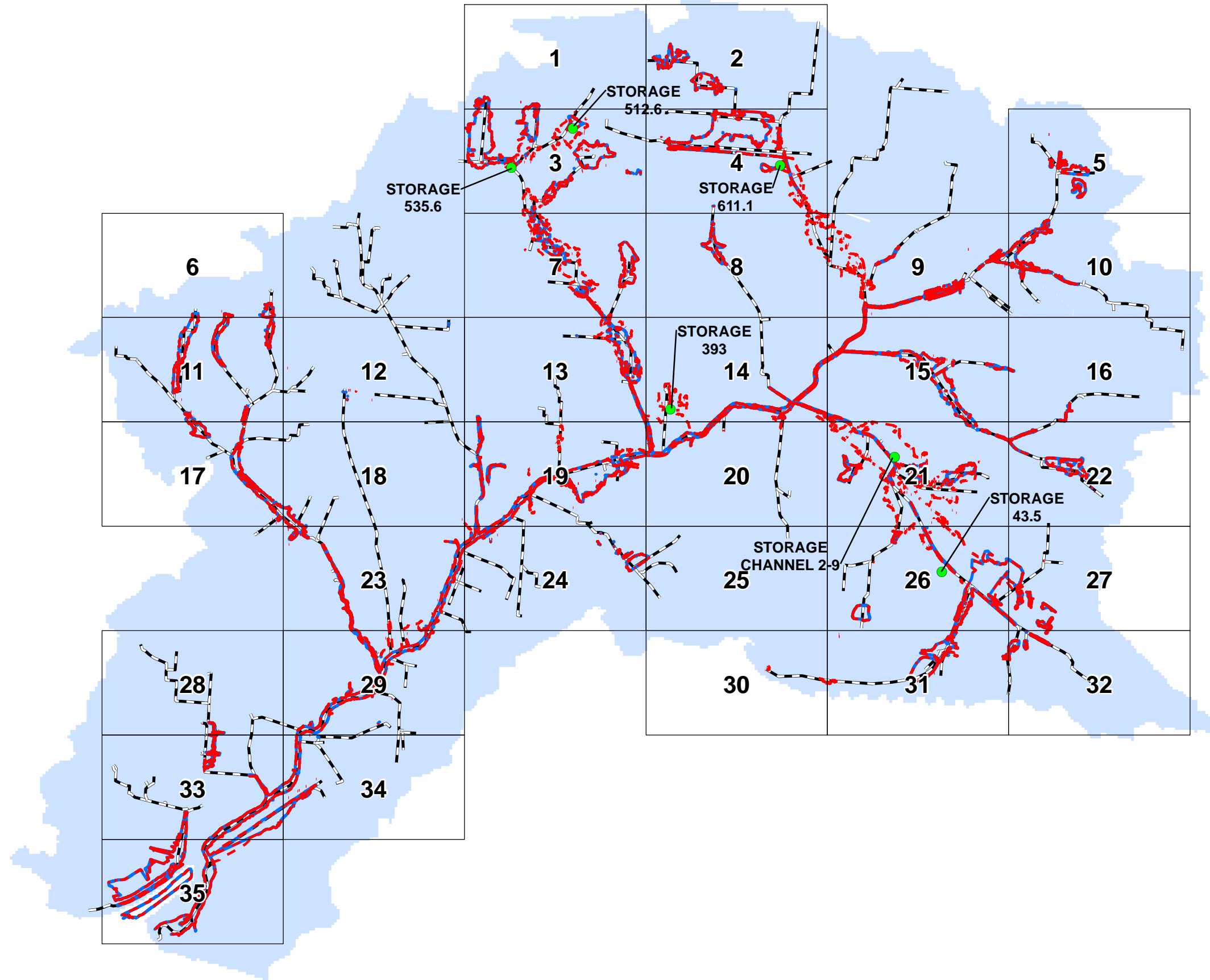


**Exhibit-4a:**  
**10 Year Flood Boundaries**

-  Stormwater Conveyance System
-  10 Year Existing Conditions Flood Boundaries
-  10 Year Flood Boundaries with Detention Ponds

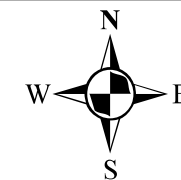
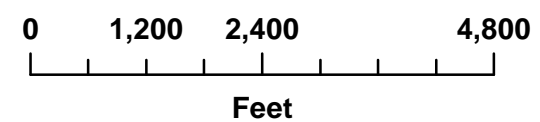






**Exhibit-4b:**  
**100 Year Flood Boundaries**

- Stormwater Conveyance System
- 100 Year Existing Conditions Flood Boundaries
- 100 Year Flood Boundaries with Detention Ponds






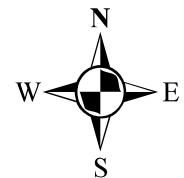
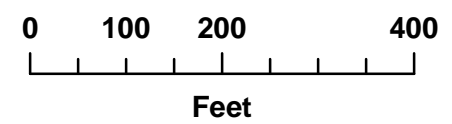
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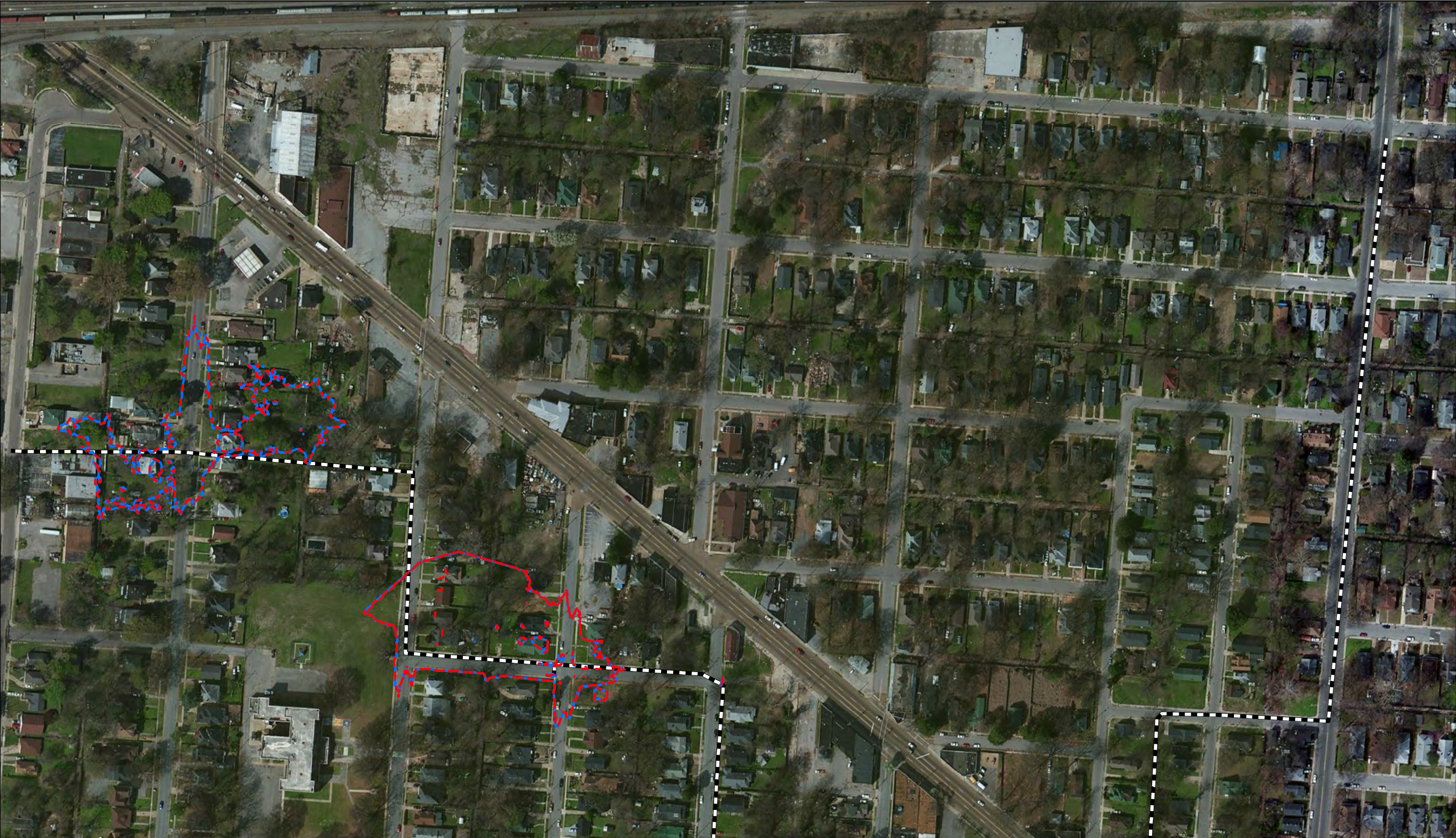


**Exhibit-4b:**  
**100 Year Flood Boundaries**




-  Stormwater Conveyance System
-  100 Year Existing Conditions Flood Boundaries
-  100 Year Flood Boundaries with Detention Ponds

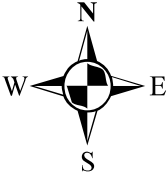
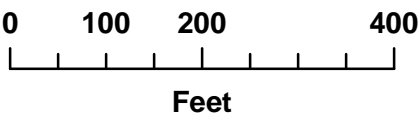




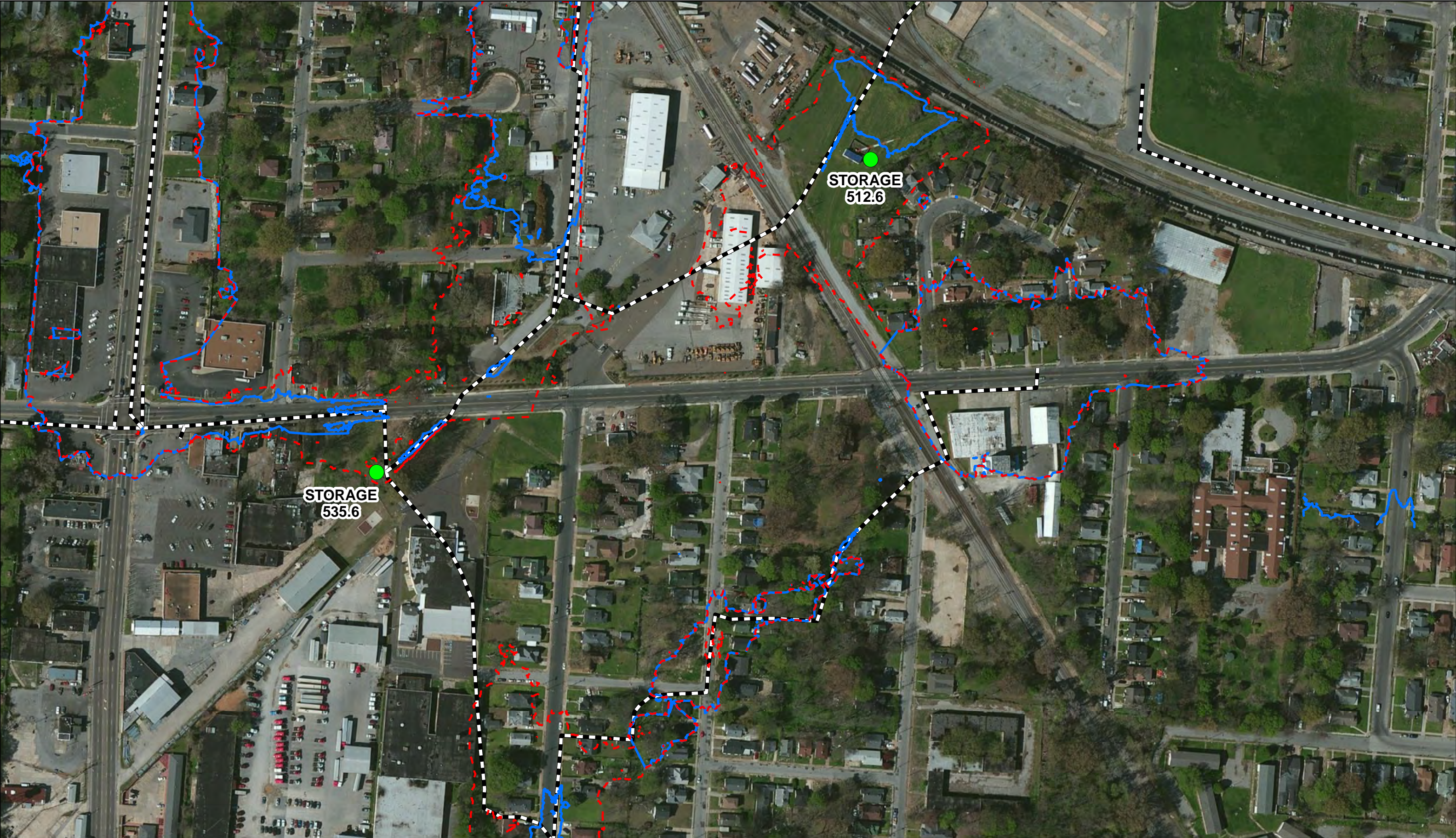


**Exhibit-4b:**  
**100 Year Flood Boundaries**




-  Stormwater Conveyance System
-  100 Year Existing Conditions Flood Boundaries
-  100 Year Flood Boundaries with Detention Ponds







**Exhibit-4b:**  
**100 Year Flood Boundaries**

-  Stormwater Conveyance System
-  100 Year Existing Conditions Flood Boundaries
-  100 Year Flood Boundaries with Detention Ponds

