

— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVEWAY

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 100-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

No Flooding

< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

Goodwin

0140

Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 100-YEAR DESIGN STORM

Appendix E

34

APPENDIX F: PROPOSED STORAGE AND CAPACITY IMPROVEMENTS



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

● Junctions

Watershed

Cherry Bayou

Goodwin

Alternative

Alternative C

0

150

Feet

↑

N

City of Memphis

Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F

1C



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

● Junctions

Watershed

Cherry Bayou

Goodwin

Alternative



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

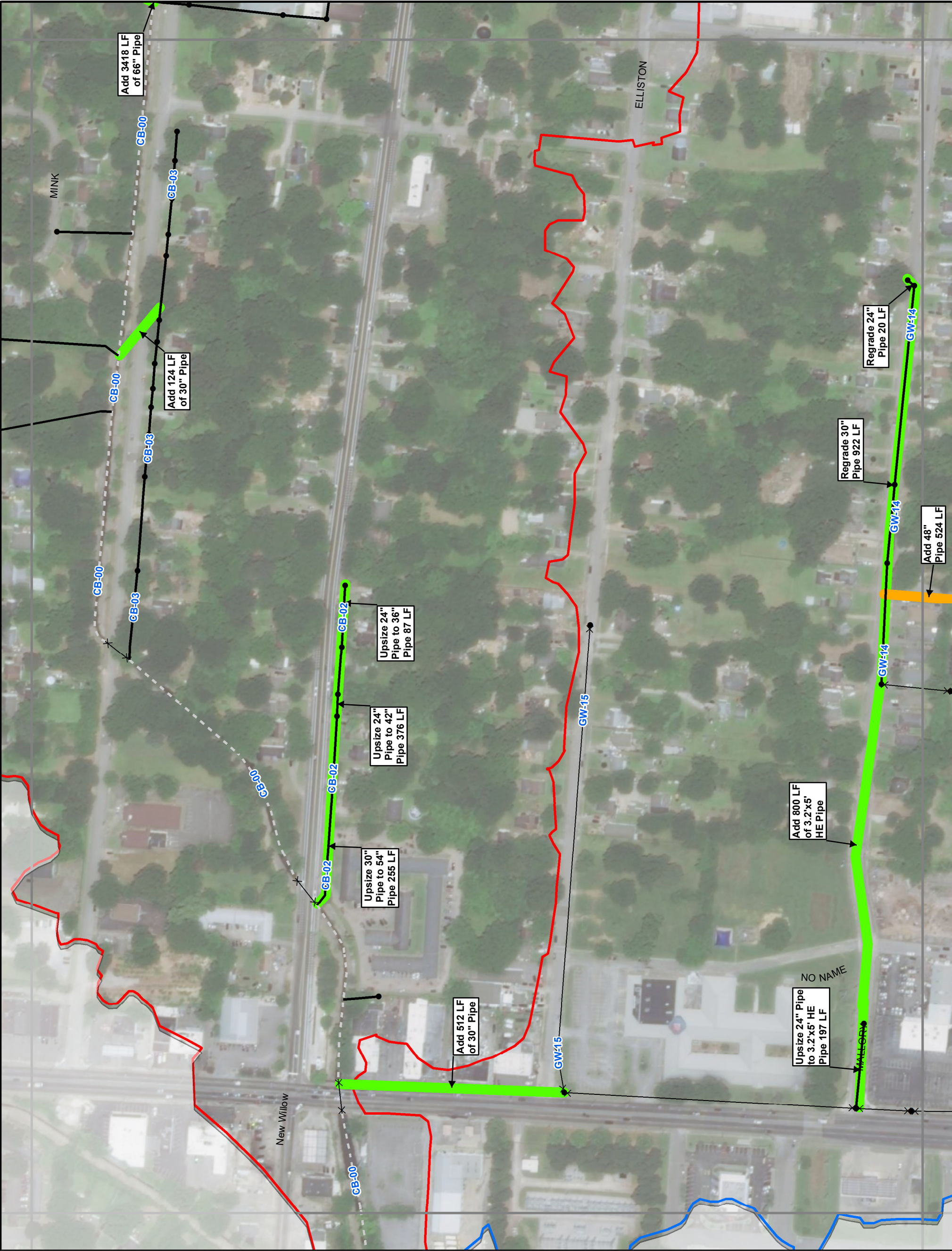
● Junctions

Watershed

Cherry Bayou

Goodwin

Alternative



— Storm Sewer

Open Channel

× × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

• Junctions

Watershed

Cherry Bayou

Goodwin

Alternative

Alternative B

LEGEND

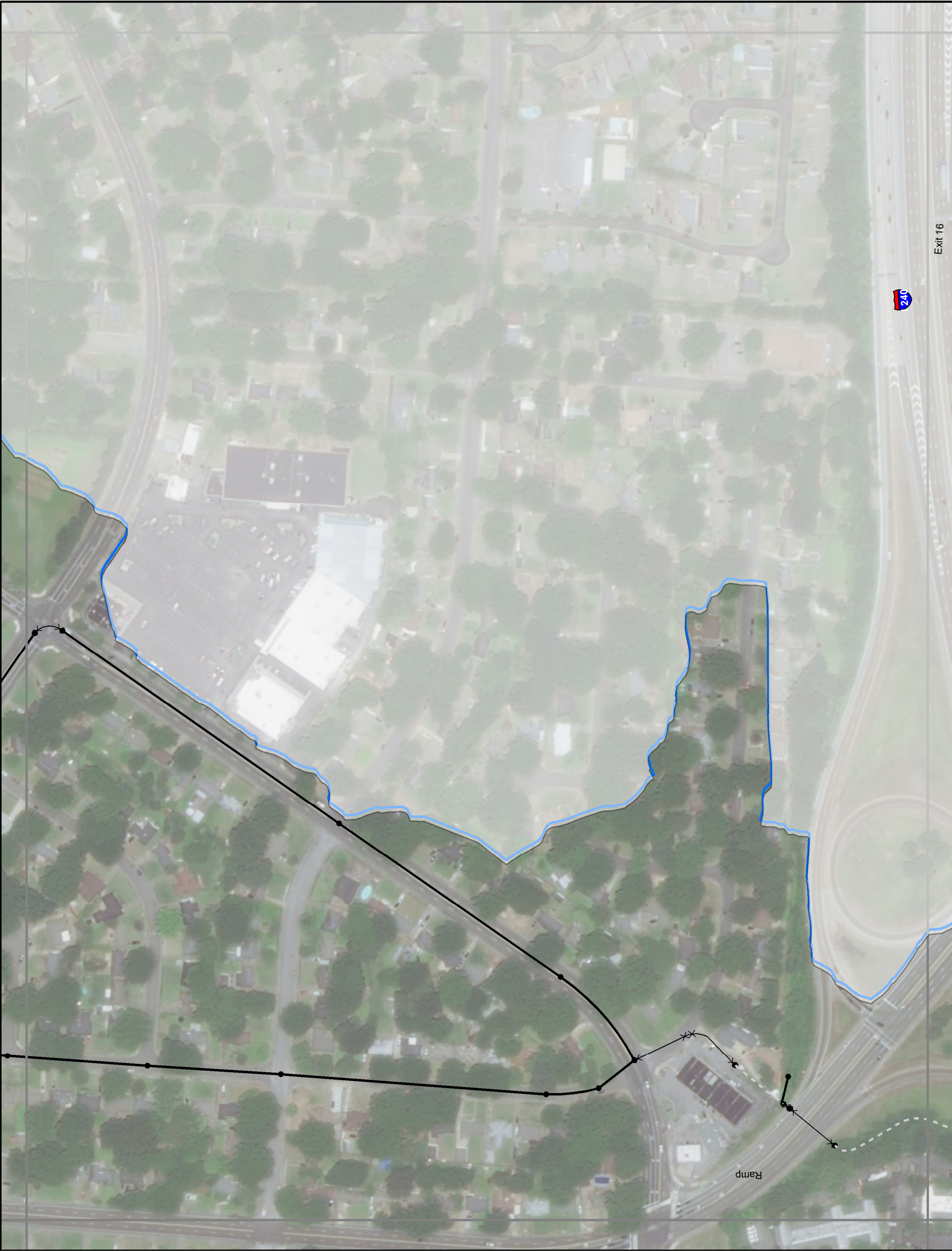
0150

Feet

City of Memphis
Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F
7B



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

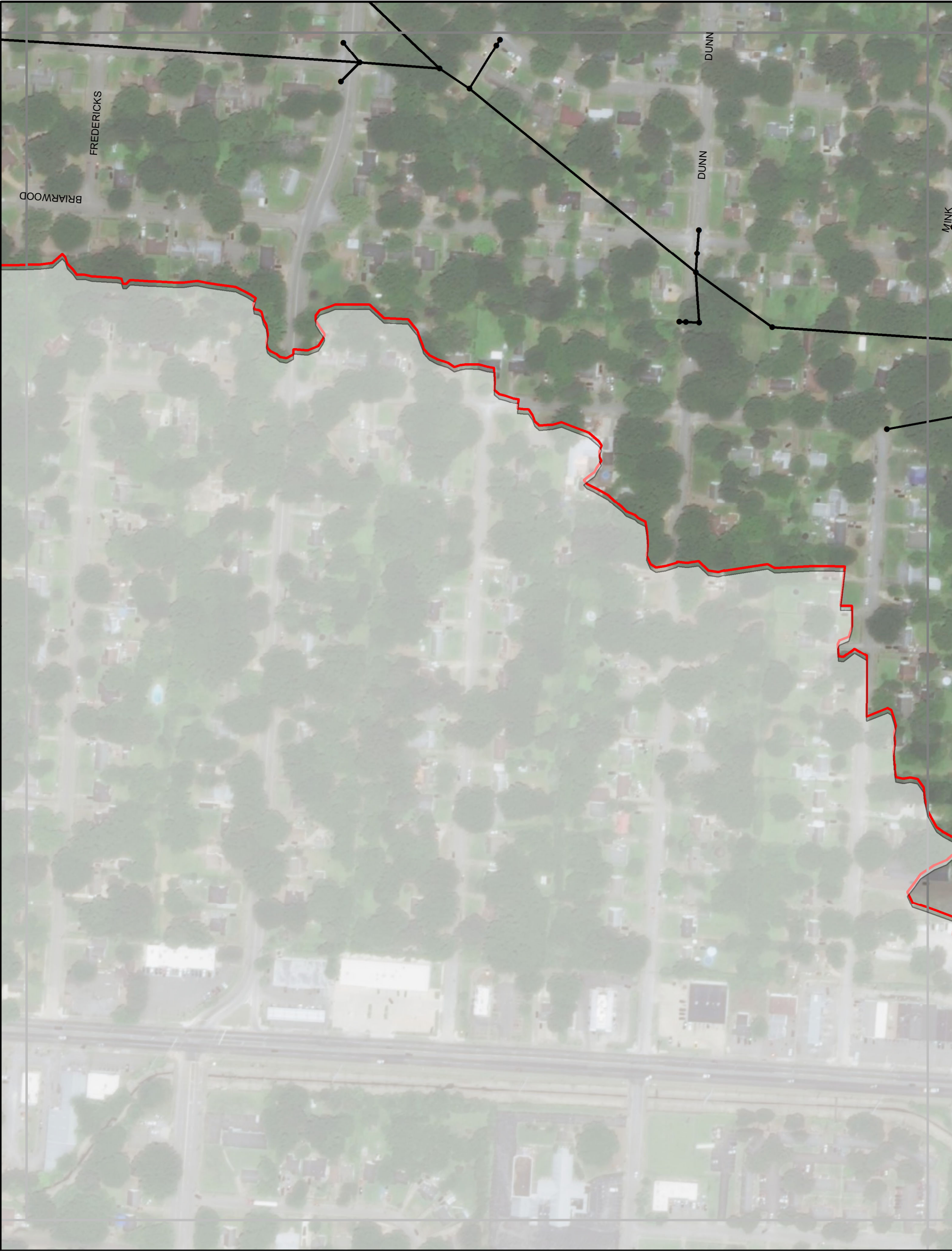
• Junctions

Watershed

Cherry Bayou

Goodwin

Alternative



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

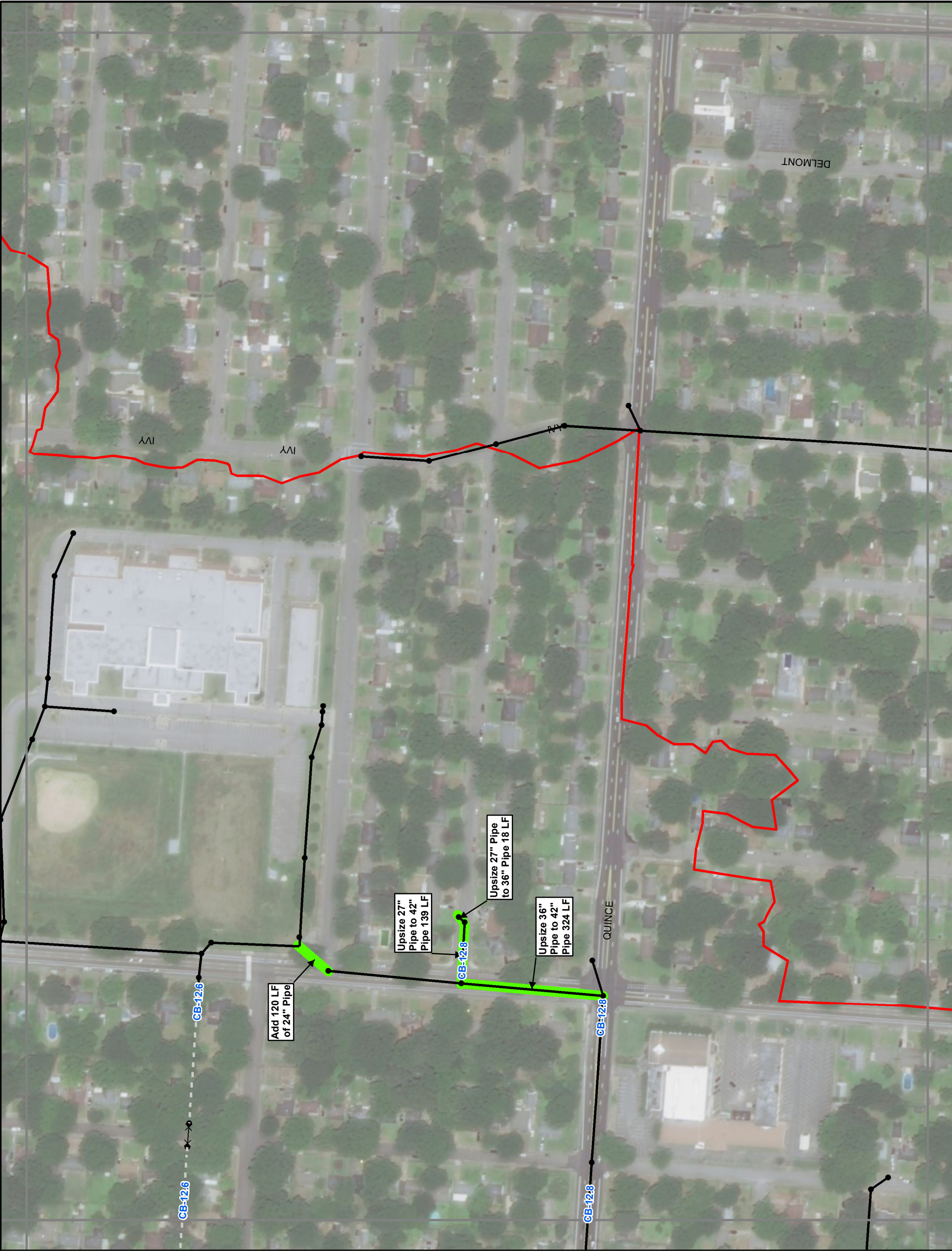
• Junctions

Watershed

Cherry Bayou

Goodwin

Alternative



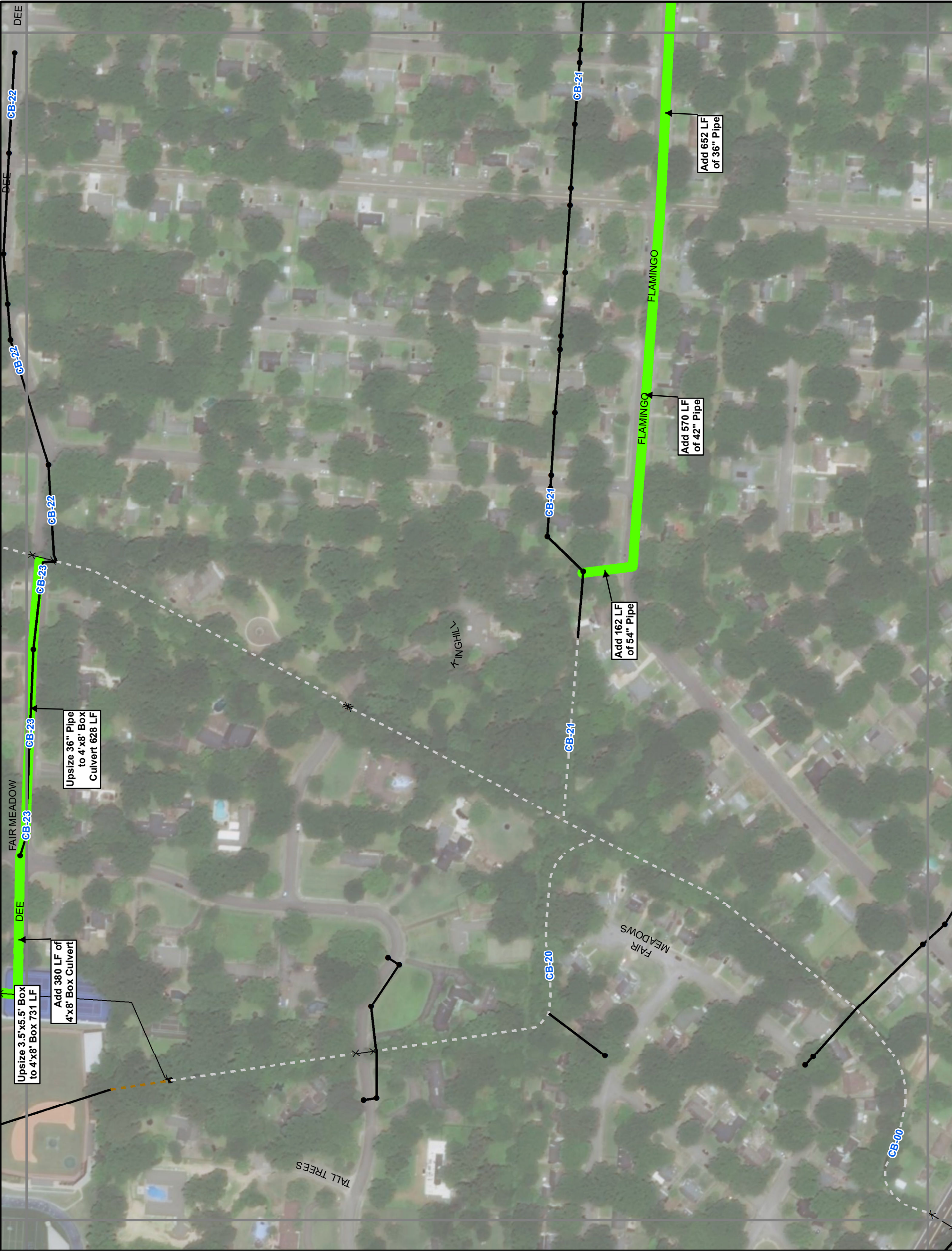
LEGEND	Storm Sewer	Watershed	Alternative
	Open Channel	Cherry Bayou	
Bridge/Culvert	Goodwin		
Concrete Channel			
Natural Channel			
Junctions			

0 140
Feet

City of Memphis
Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F
15



— Storm Sewer

Open Channel

× × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

• Junctions

Watershed

Cherry Bayou

Goodwin

Alternative

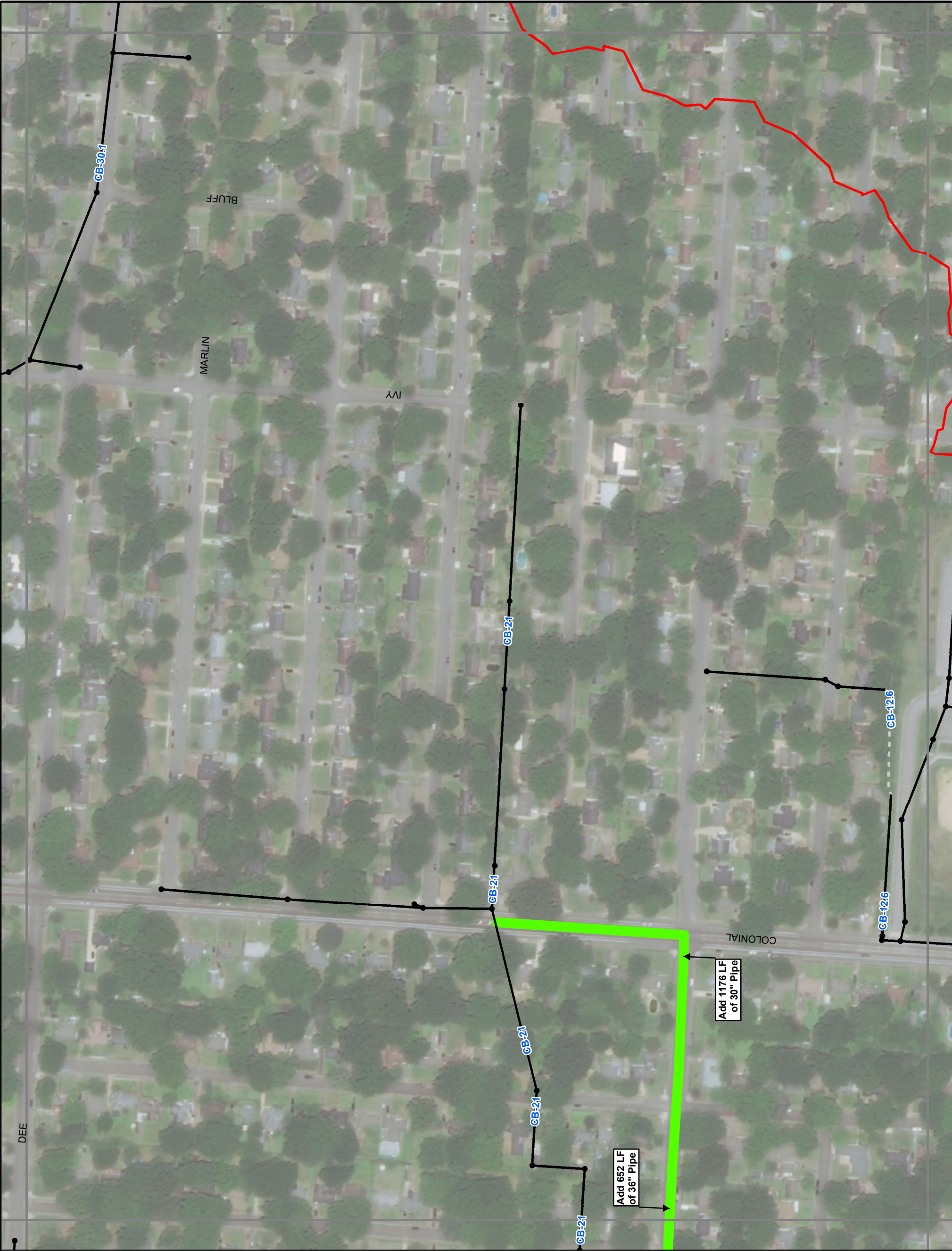
City of Memphis

Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F

19



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

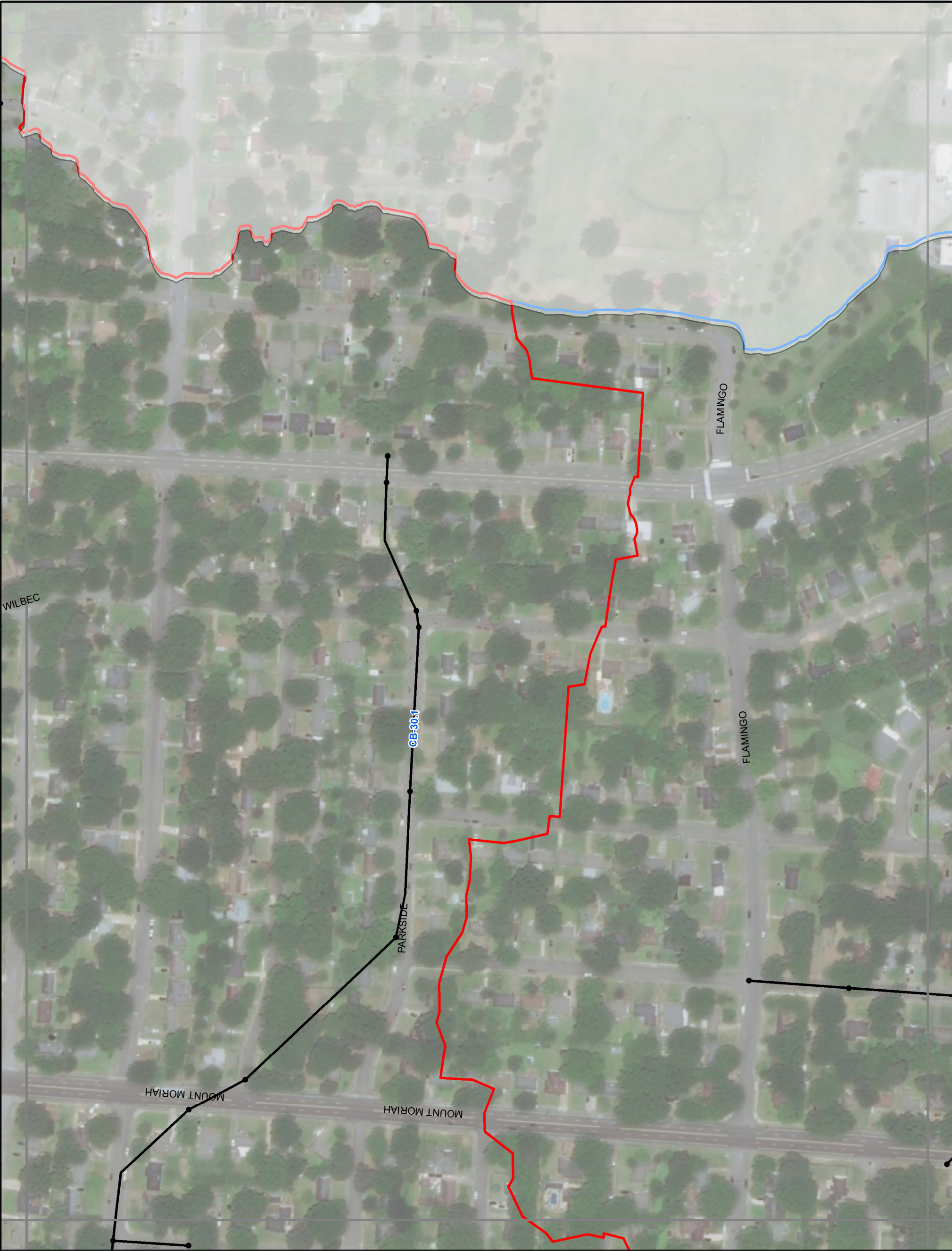
• Junctions

Watershed

Cherry Bayou

Goodwin

Alternative



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

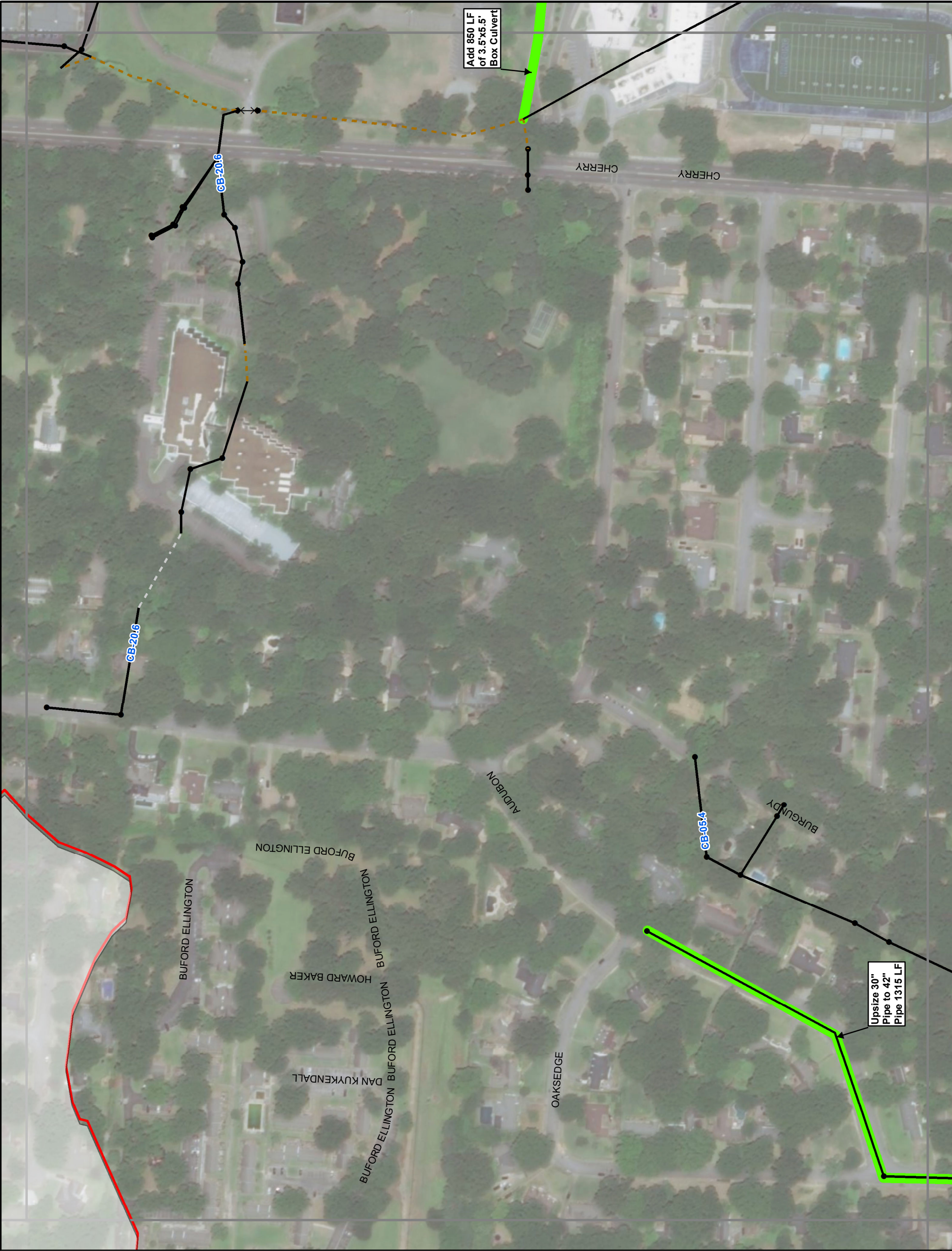
● Junctions

Watershed

Cherry Bayou

Goodwin

Alternative



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

• Junctions

Watershed

Cherry Bayou

Goodwin

Alternative

0

140

Feet

City of Memphis

Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F

22



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

• Junctions

Watershed

Cherry Bayou

Goodwin

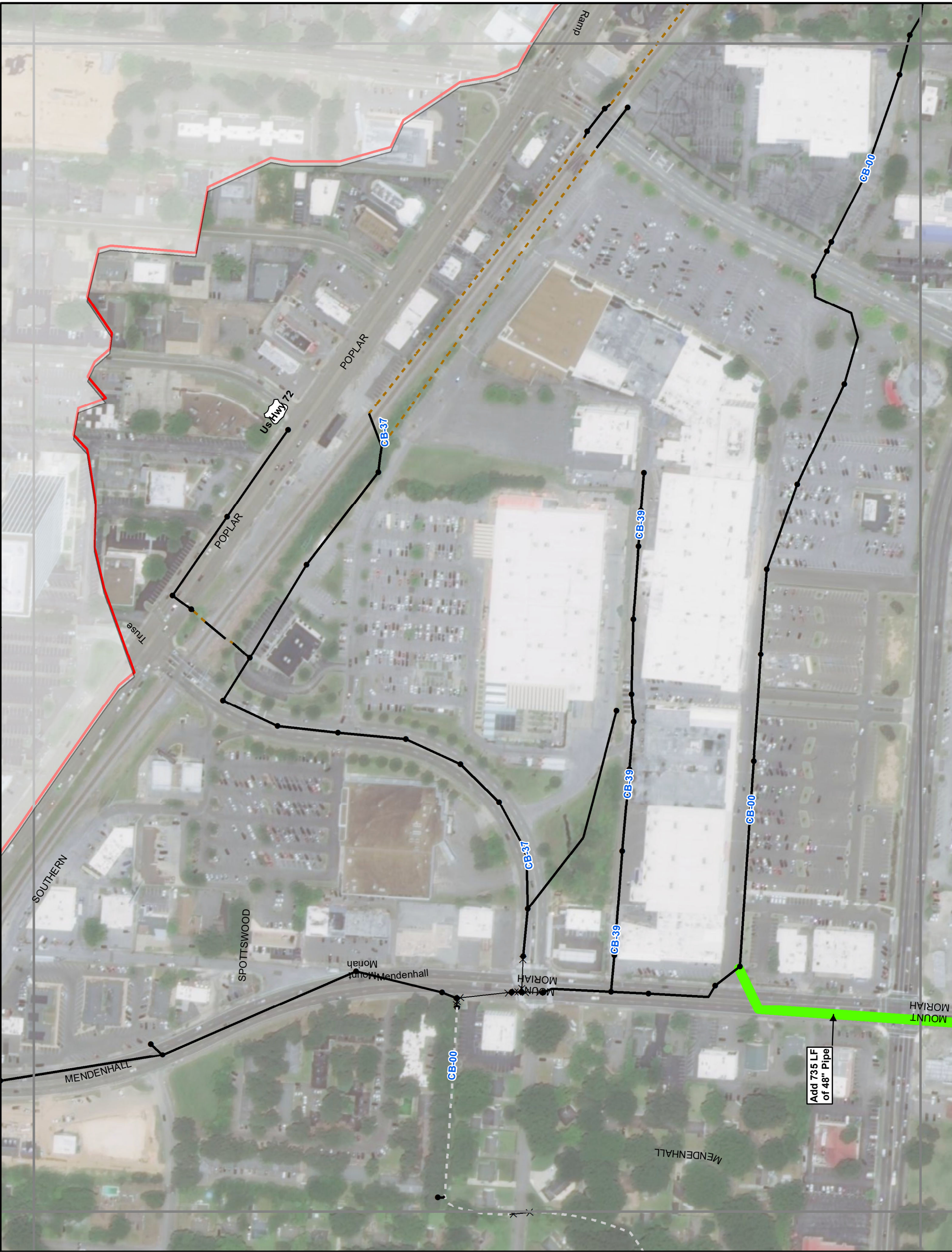
Alternative

City of Memphis
Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F

26



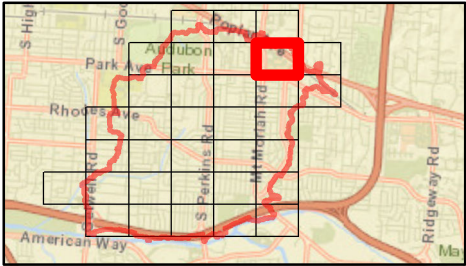
LEGEND	Storm Sewer	Watershed	Cherry Bayou	Alternative
	Bridge/Culvert	Goodwin		
Concrete Channel				
Natural Channel				
Junctions				

0 150
Feet

City of Memphis
Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F
30





LEGEND	Storm Sewer	Watershed	Alternative A	Alternative B
	Open Channel	Cherry Bayou	Goodwin	
Bridge/Culvert				
Concrete Channel				
Natural Channel				
Junctions				

City of Memphis
Cherry Bayou Drainage Study

PROPOSED STORAGE AND CAPACITY IMPROVEMENTS

Appendix F

30



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

● Junctions

Watershed

Cherry Bayou

Goodwin

Alternative

APPENDIX G: PROPOSED CONDITIONS 10-YEAR FLOODPLAIN DELINEATIONS



— Storm Sewer

Open Channel

×—× Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVEWAY

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Proposed 10-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

No Flooding

< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

Goodwin

0 150

Feet

City of Memphis
Cherry Bayou Drainage Study

PROPOSED 10-YEAR DESIGN STORM

Appendix G
1A