

— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 10-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

Goodwin

Legend

0 140

Feet

City of Memphis

Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

9



— Storm Sewer

Open Channel

× × Bridge/Culvert

--- Concrete Channel

--- Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

10



— Storm Sewer

Open Channel

×—× Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

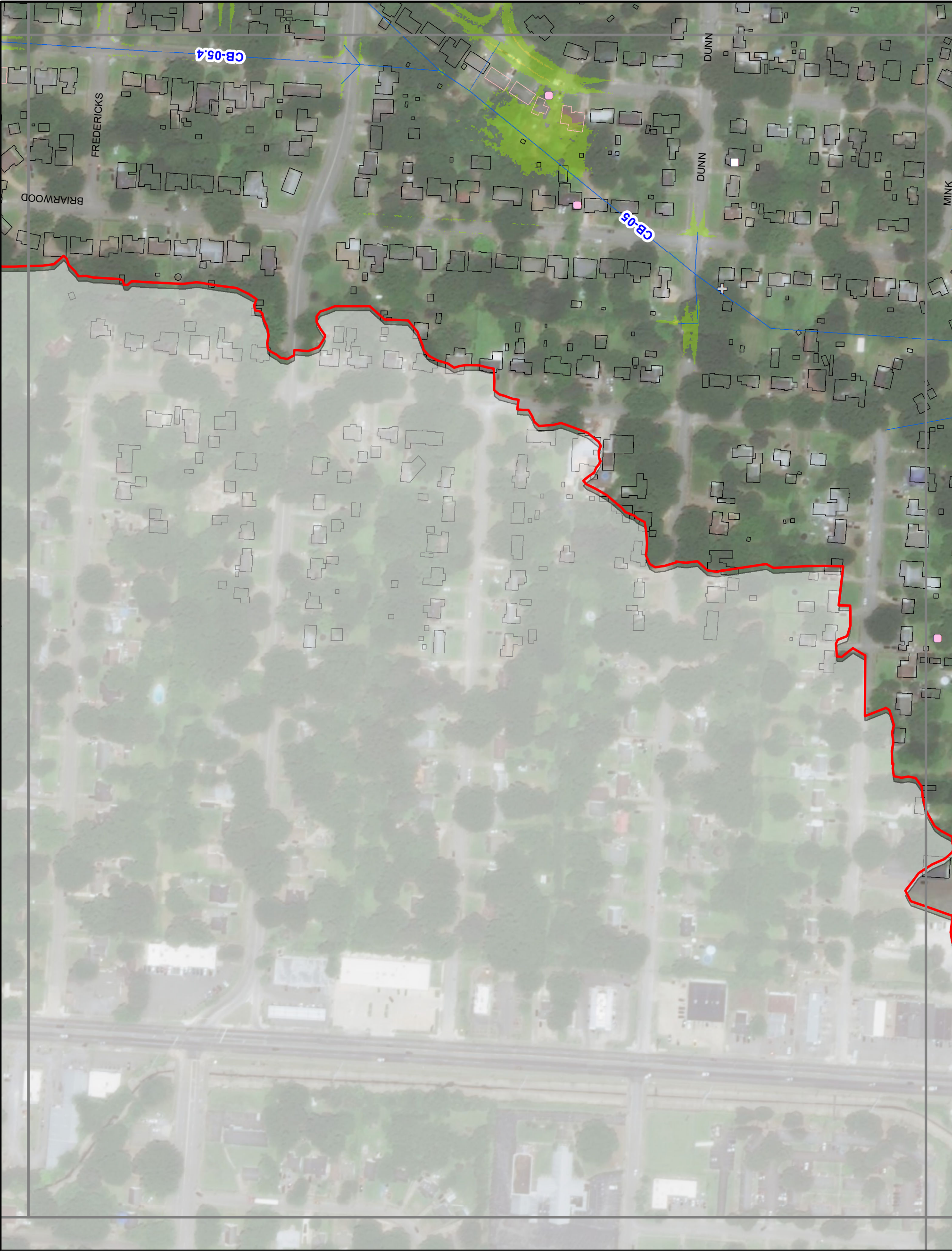
0 140
Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

11



— Storm Sewer

Open Channel

×—× Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

N

0 140
Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

12



— Storm Sewer

Open Channel

✕—✕ Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

Capacity Issue

Flooding Complaints

✱ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

0140

Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

14



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

0140

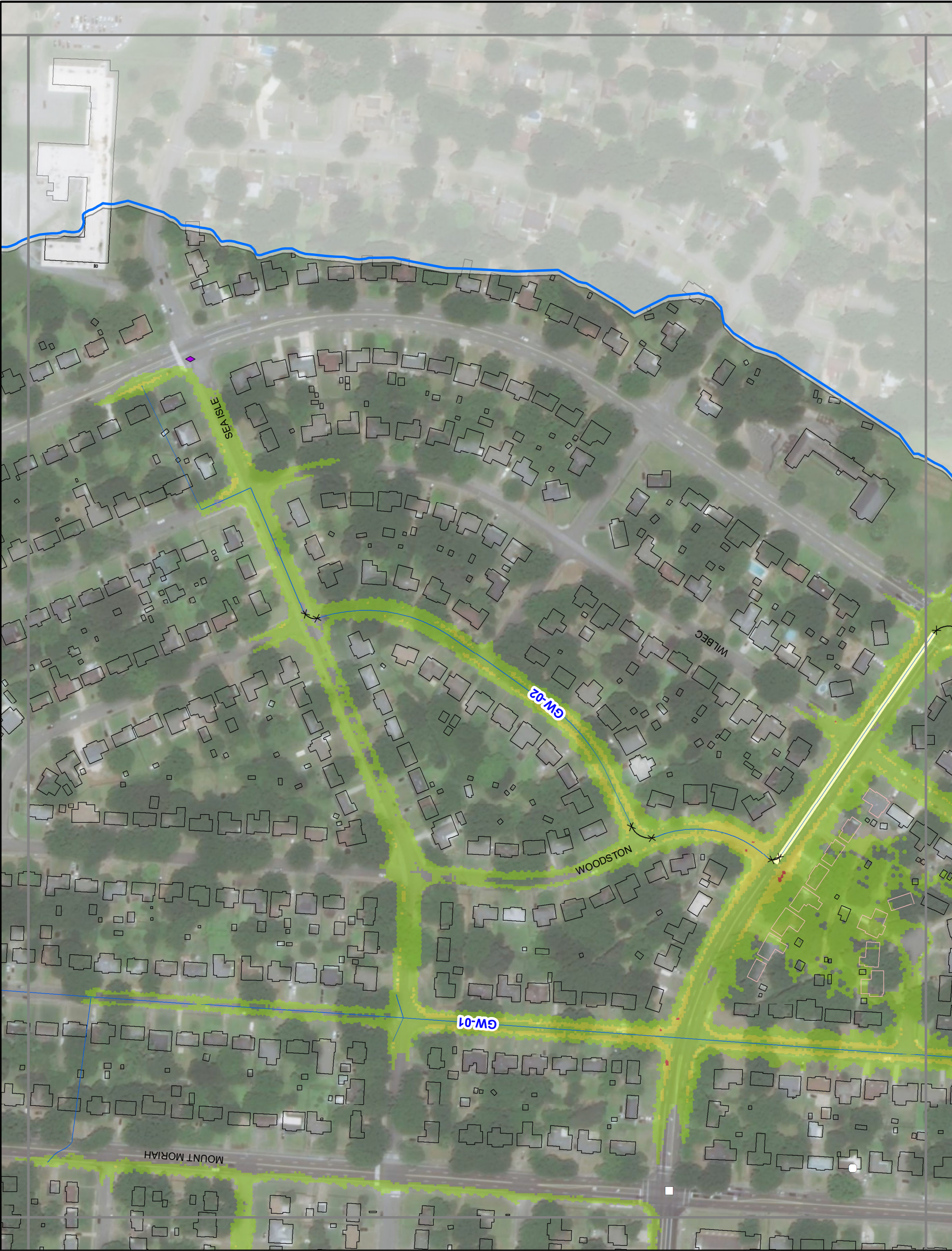
Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

15



— Storm Sewer

Open Channel

×—× Bridge/Culvert

--- Concrete Channel

--- Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

Legend

0 140

Feet

City of Memphis

Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

16



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

N

0 140
Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

17



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 10-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

No Flooding

< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

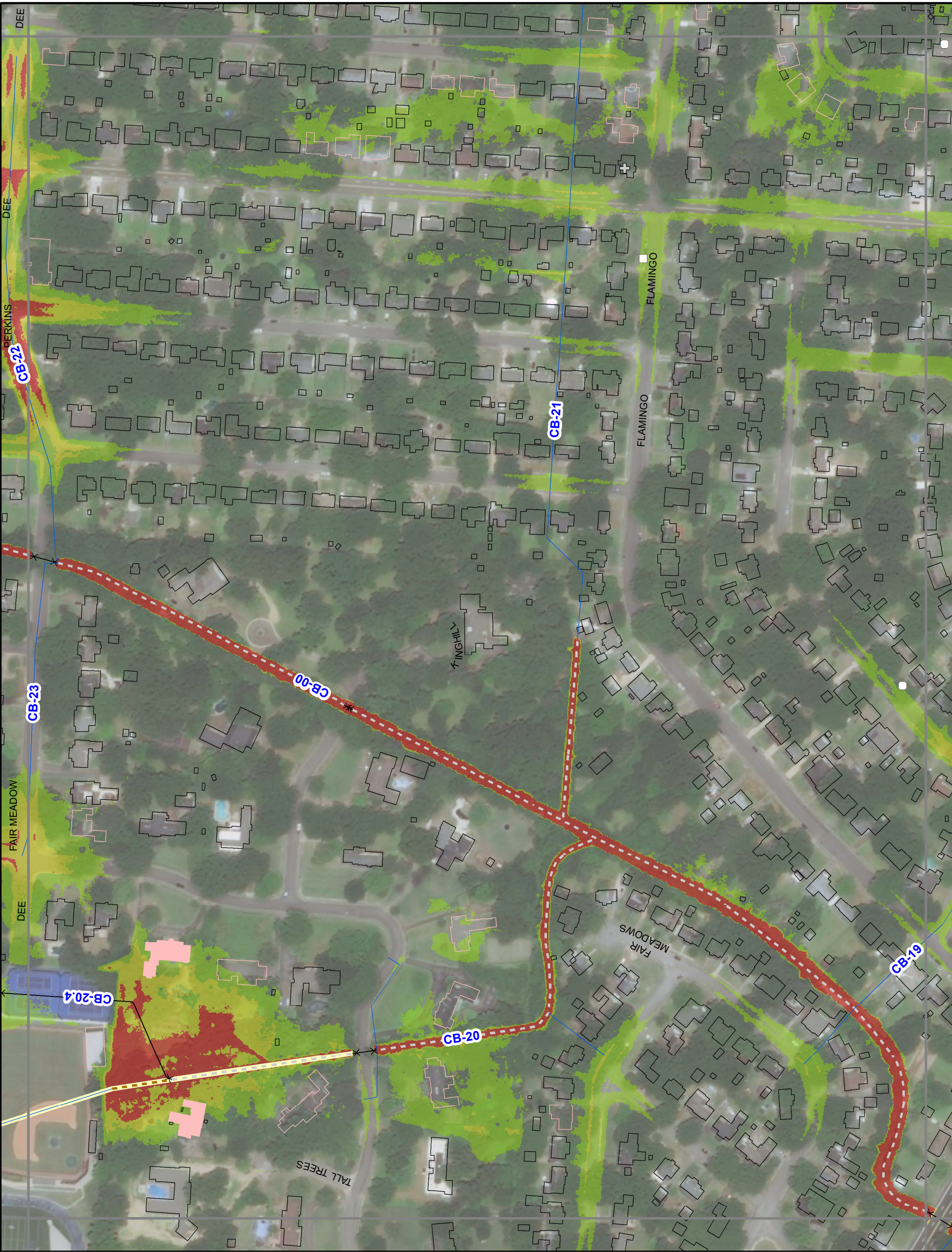
Goodwin

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

18



— Storm Sewer

Open Channel

× × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 10-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

No Flooding

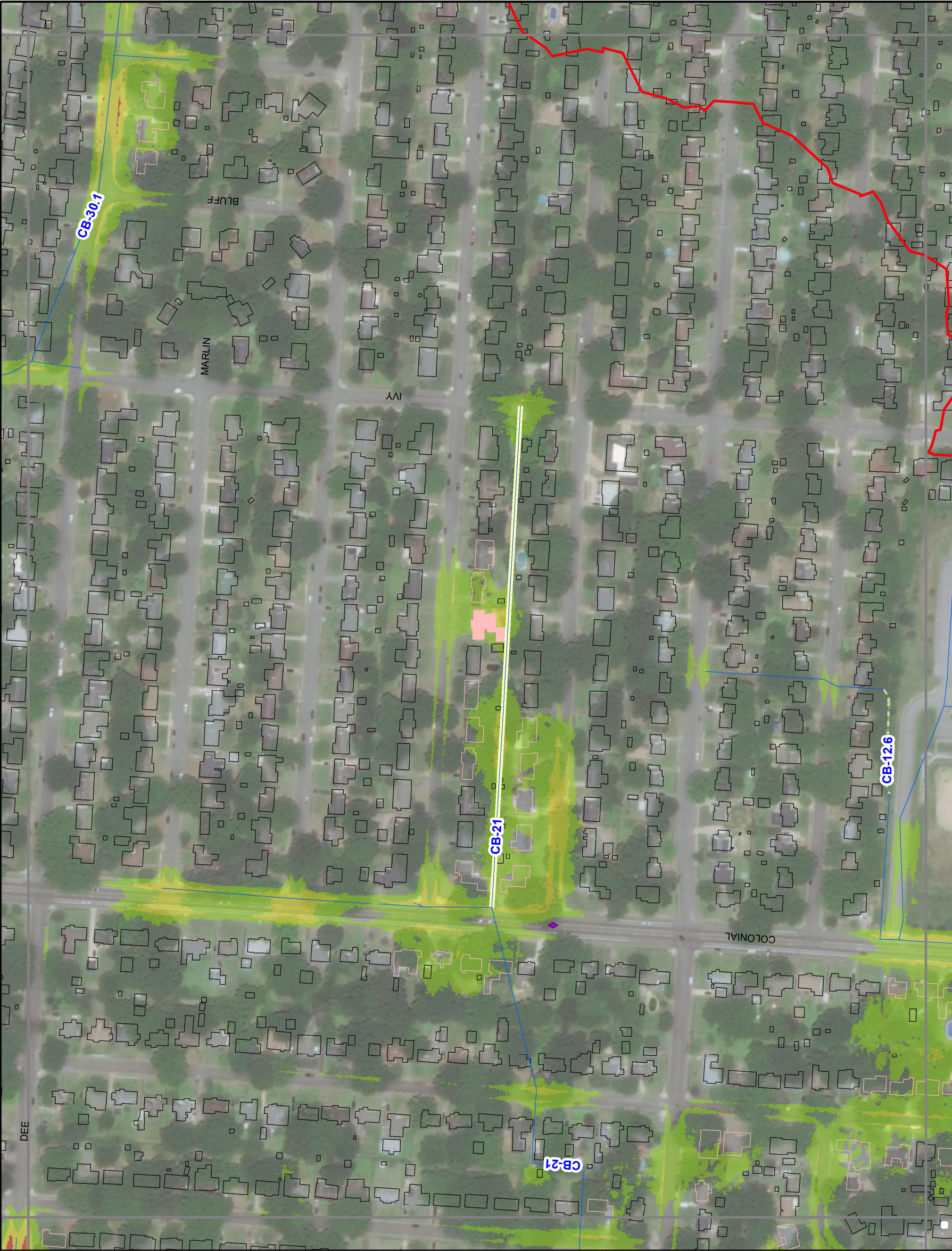
< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

Goodwin



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

◐ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 10-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

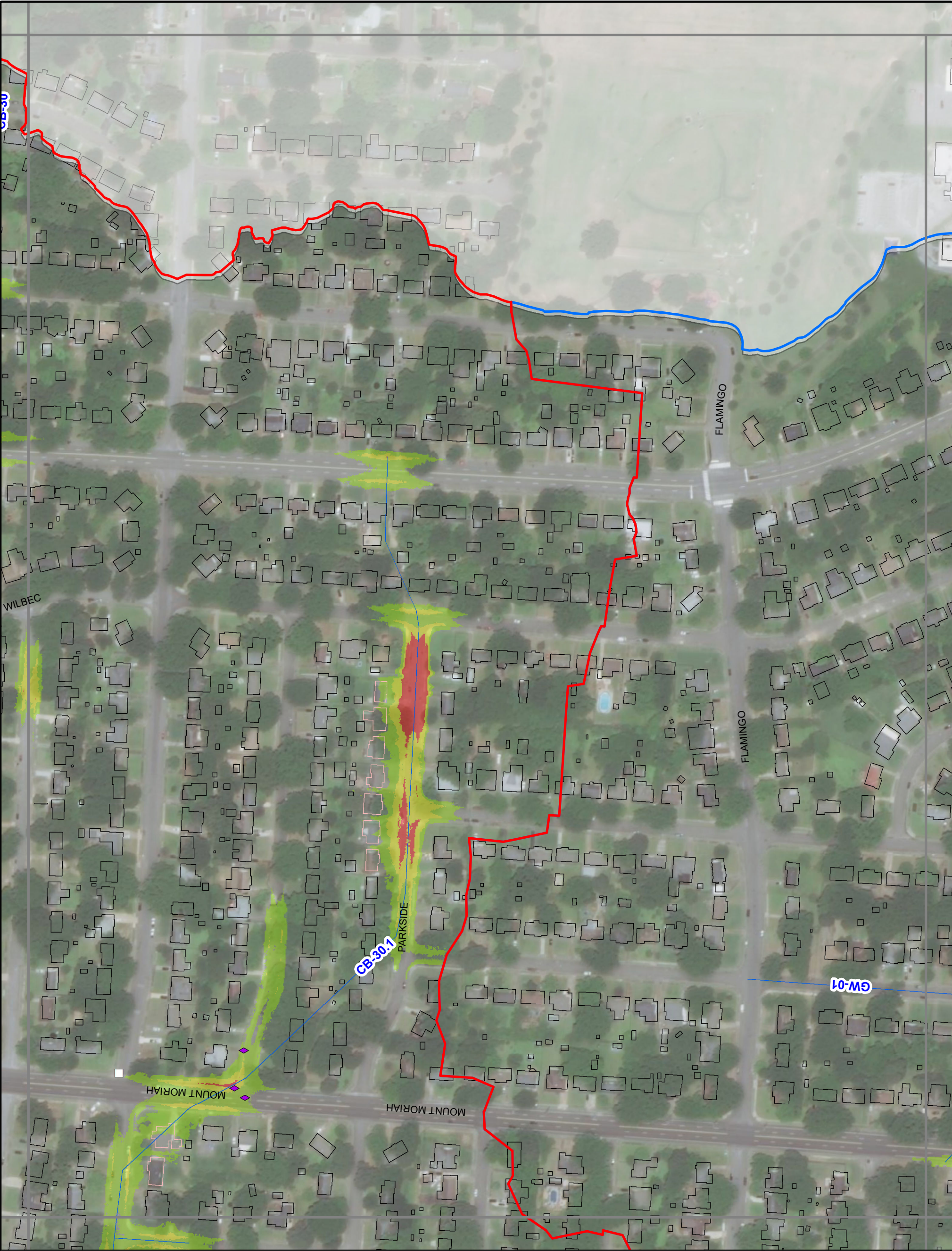
< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

Goodwin



— Storm Sewer

Open Channel

× — × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

N

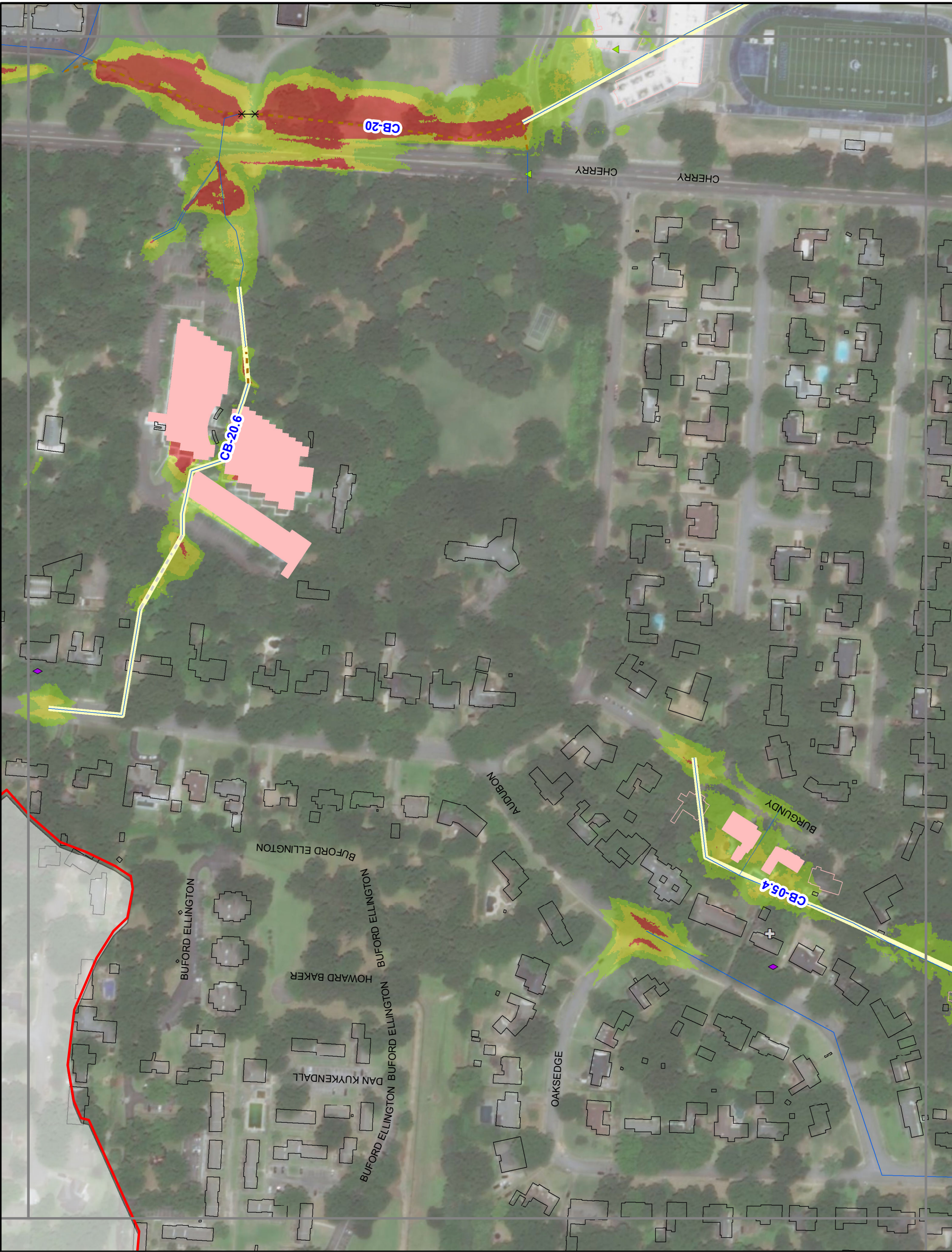
0 140
Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

21



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

0140

Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

22



— Storm Sewer

Open Channel

×—× Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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



— Storm Sewer

Open Channel

× × Bridge/Culvert

--- Concrete Channel

- - - Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

0 140
Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

24



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

+ O+M-CLEANED

Existing 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

0 140

Feet

City of Memphis

Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

25



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

+ O+M-CLEANED

Existing 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

City of Memphis

Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

0140

Feet

Appendix D

27



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

*

 FLOOD CONTROL

▲

 FLOODING

■

 FLOODING-DRIVE...

●

 FLOODING-LAND

◆

 FLOODING-STREET

+

 O+M-CLEANED

Existing 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

City of Memphis

Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

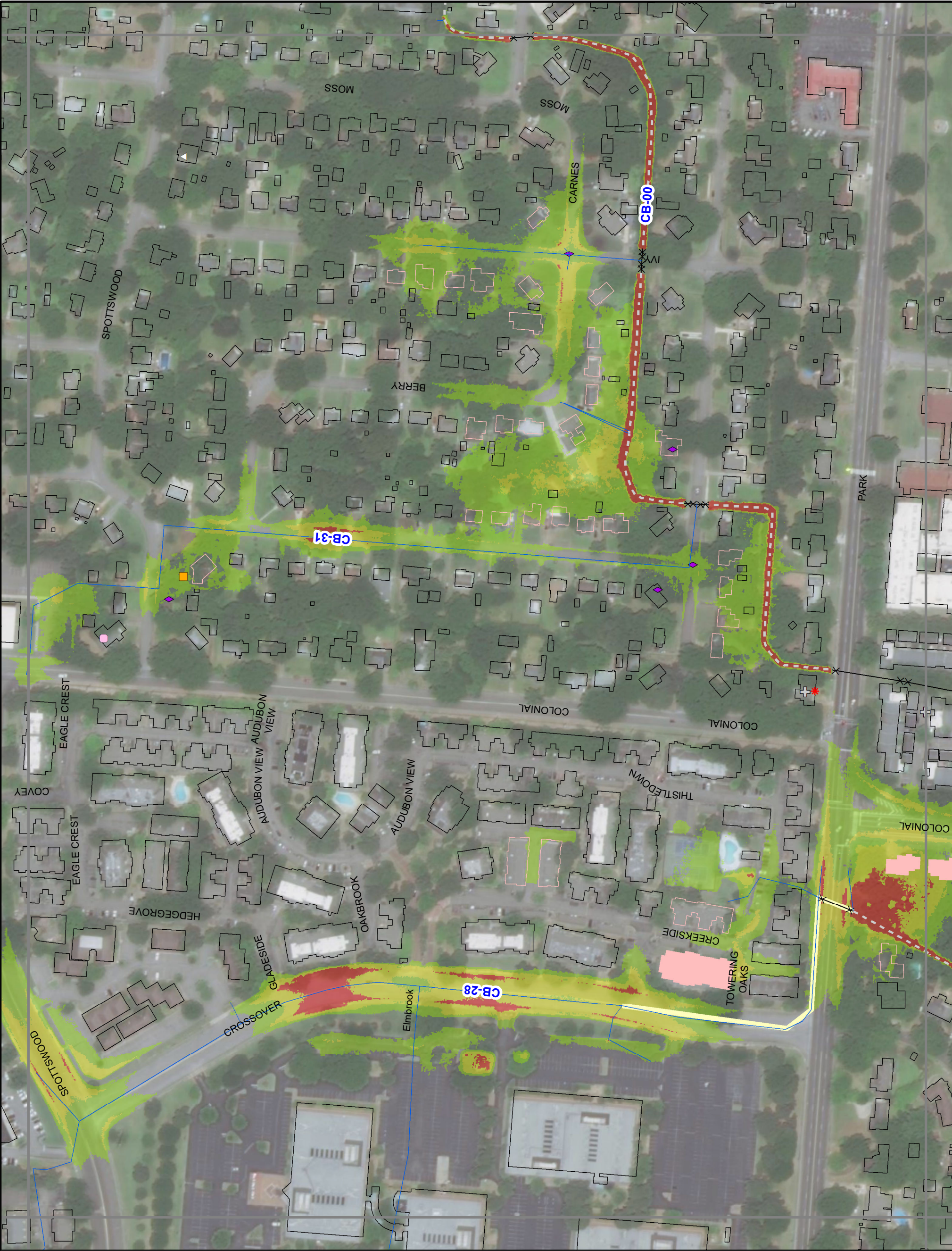
0

140

Feet

Appendix D

28



— Storm Sewer

Open Channel

× × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

★ FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 10-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

No Flooding

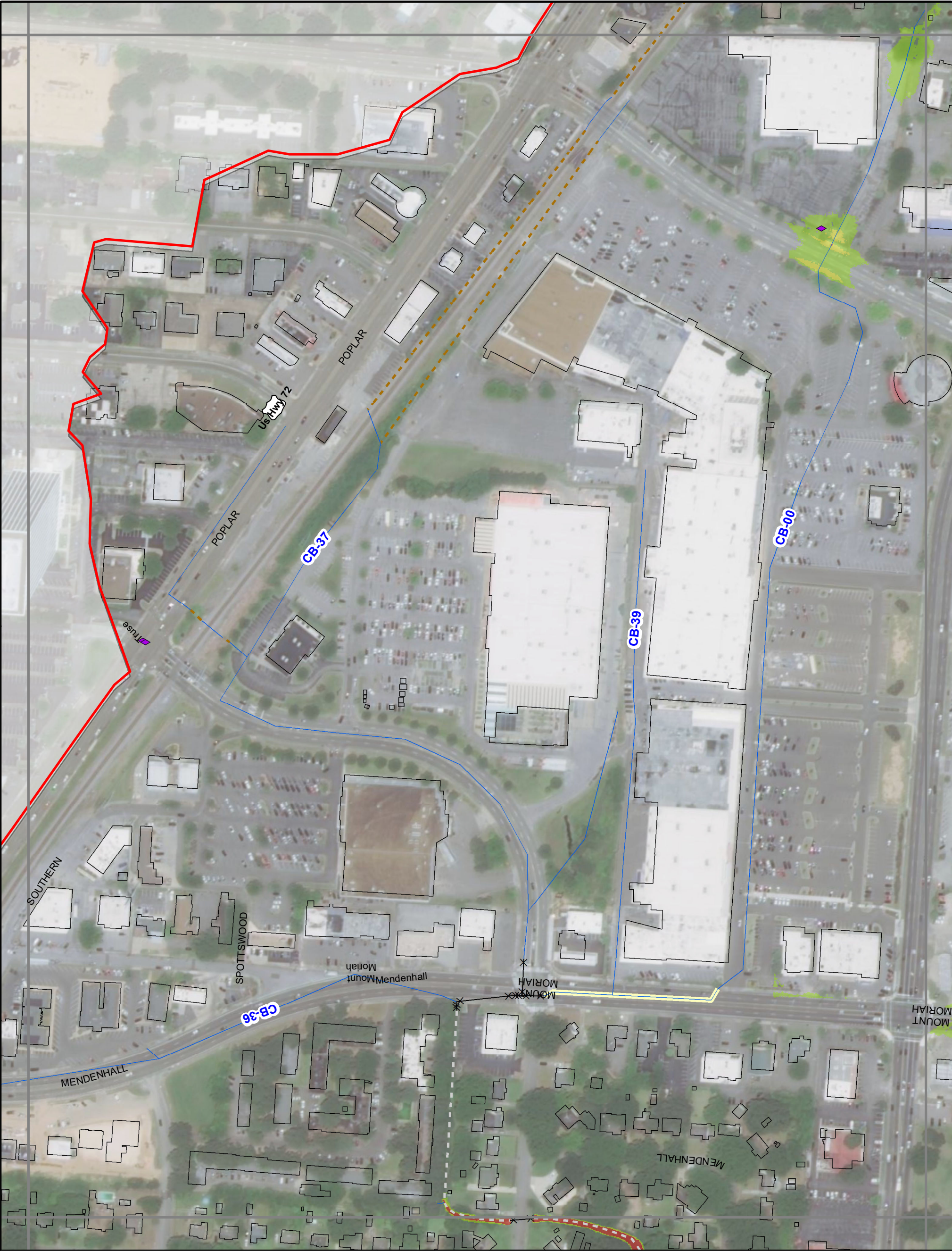
< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

Goodwin



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

■ FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

0140

Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

30



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 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

0140

Feet

City of Memphis
Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

32



— Storm Sewer

Open Channel

× — × Bridge/Culvert

— Concrete Channel

— Natural Channel

Capacity Issue

Flooding Complaints

* FLOOD CONTROL

▲ FLOODING

■ FLOODING-DRIVE...

● FLOODING-LAND

◆ FLOODING-STREET

⊕ O+M-CLEANED

Existing 10-Year Floodplain

0 - 1 ft

1 - 2 ft

> 2 ft

Structure Flooding

No Flooding

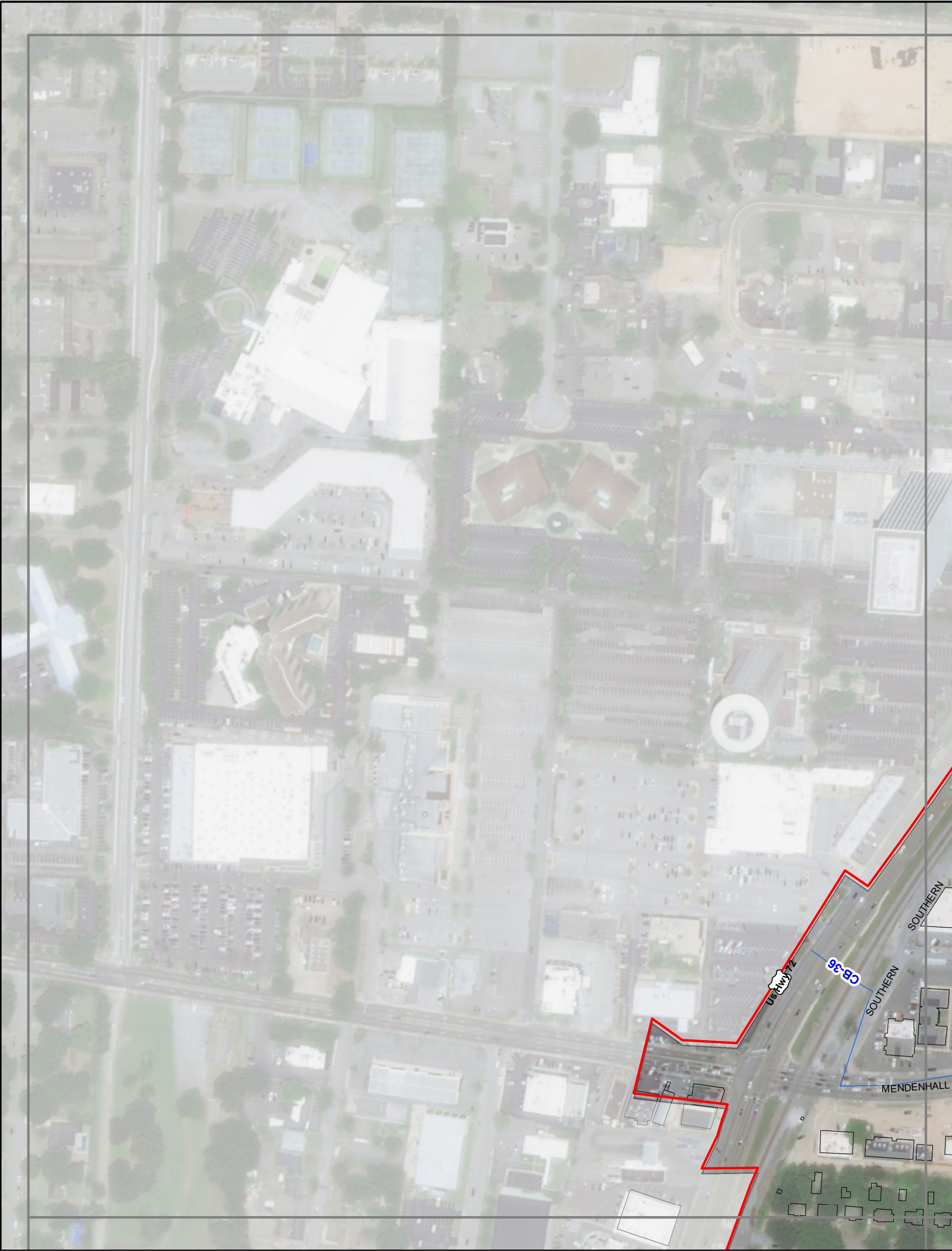
< 1 ft Depth

> 1 ft Depth

Watershed

Cherry Bayou

Goodwin



LEGEND

Storm Sewer

Open Channel

Bridge/Culvert

Concrete Channel

Natural Channel

Capacity Issue

FLOODING COMPLAINTS

FLOODING

FLOODING-DRIVE...

FLOODING-LAND

FLOODING-STREET

O+M-CLEANED

Existing 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

City of Memphis

Cherry Bayou Drainage Study

EXISTING 10-YEAR DESIGN STORM

Appendix D

34

APPENDIX E: EXISTING CONDITIONS 100-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

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



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

0

140

Feet

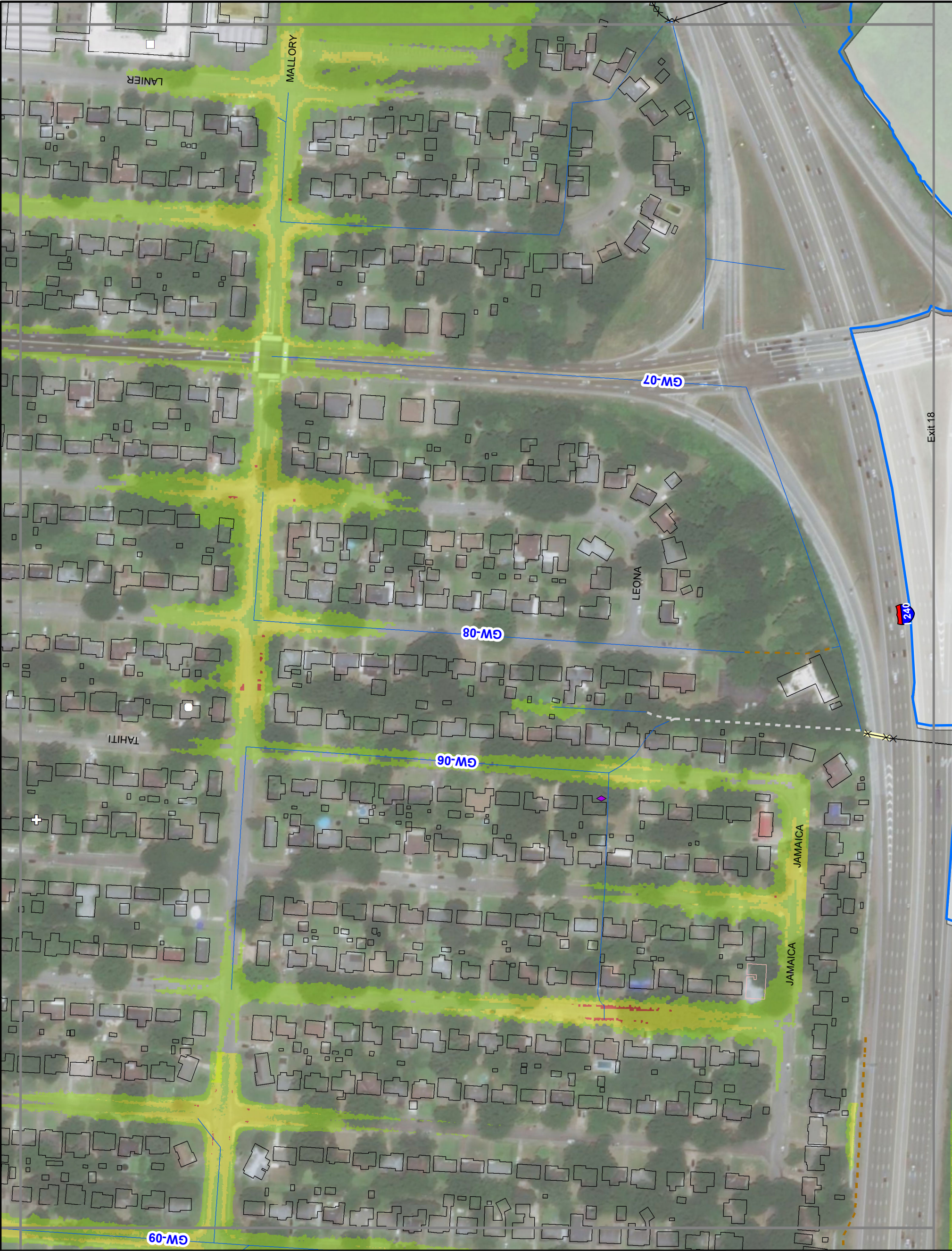
City of Memphis

Cherry Bayou Drainage Study

EXISTING 100-YEAR DESIGN STORM

Appendix E

2



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

0 140

Feet

City of Memphis

Cherry Bayou Drainage Study

EXISTING 100-YEAR DESIGN STORM

Appendix E

3