

APPENDIX L
FIGURES

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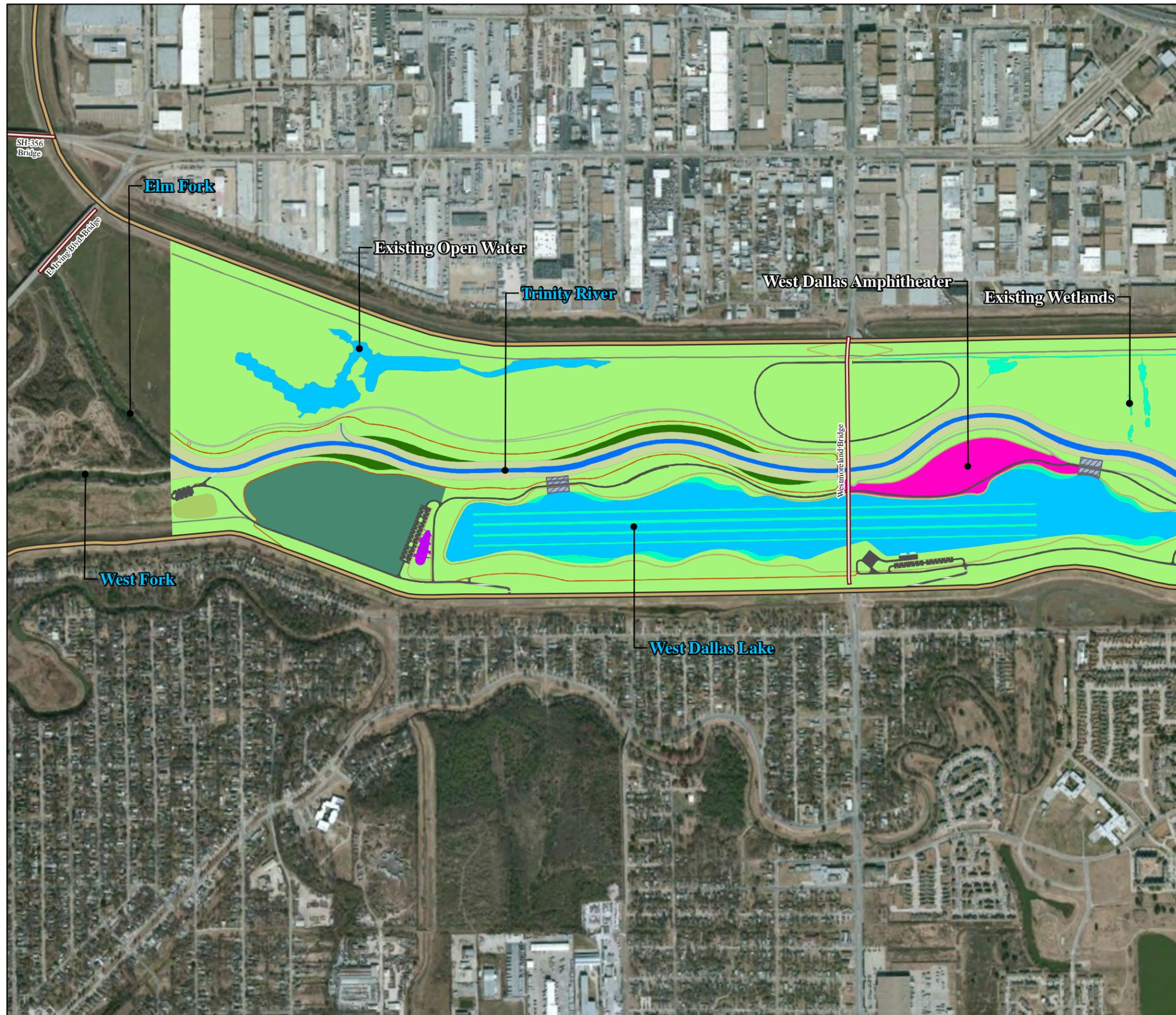
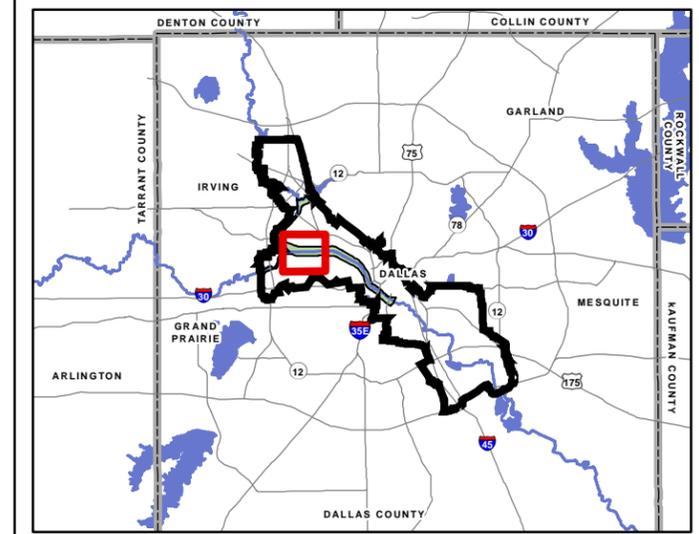


Figure 1
Proposed BVP Study Ecosystem and Recreation Features:
Northern Segment

LEGEND

Existing Features	
Dallas Floodway Levee	Meadow
Bridge	Restricted Access Park Road
Proposed Features	
Amphitheater	Playground
Boat Access	Primary Pedestrian Path
Bridge	Restroom
Council Ring	River Bank
Lake	River Channel
Drainage	River Terrace
Park Road	Secondary Pedestrian Path
Equestrian Trail	Service Drive
Flex Field	Turf
	Weir
	Wetland



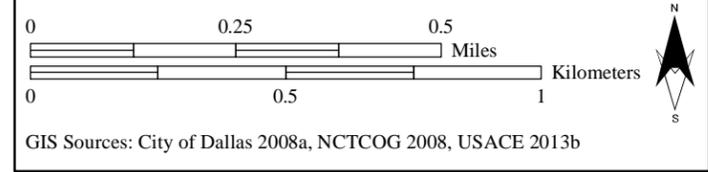
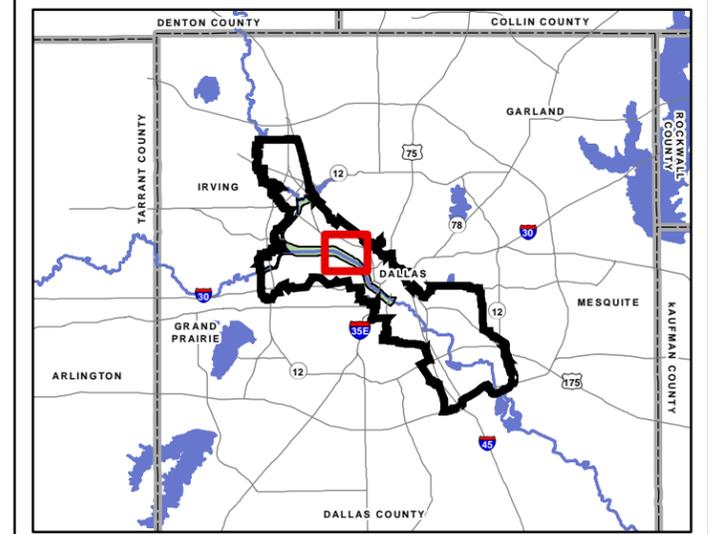
GIS Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013b



Figure 2
Proposed BVP Study Ecosystem and Recreation Features:
Middle Segment

LEGEND

Existing Features	
Dallas Floodway Levee	Flex Field
Bridge	Meadow
Proposed Features	
Bench/Curb/Steps/Wall	Restricted Access Park Road
Bike Path	Pavilion
Boat Access	Play Field
Bridge	Playground
Water Feature	Primary Pedestrian Path
Lake	Restroom
Drainage	River Bank
Elevated Access	River Channel
Park Road	River Terrace
Equestrian Trail	Secondary Pedestrian Path
	Service Drive
	Wetland
	Cutoff Wall



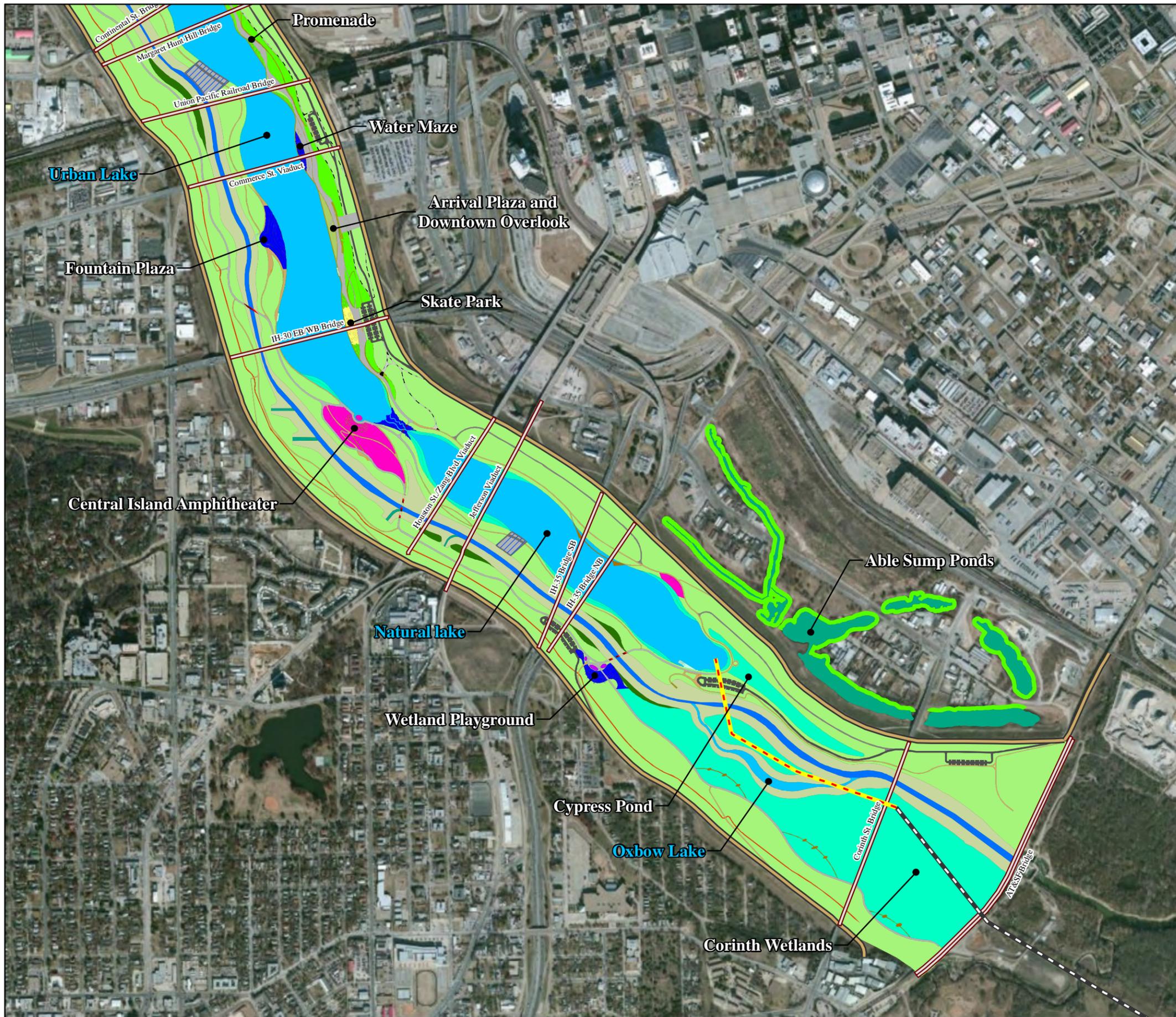
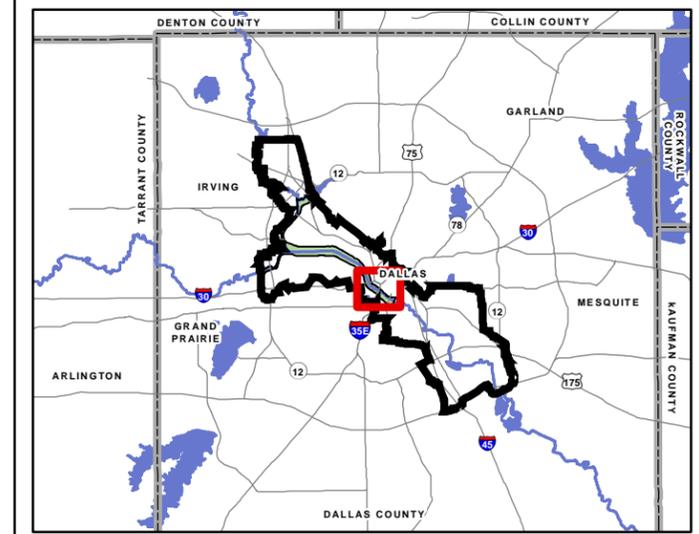


Figure 3
Proposed BVP Study Ecosystem and Recreation Features:
Southern Segment

LEGEND

Existing Features	
Dallas Floodway Levee	Elevated Access
Bridge	Park Road
Proposed Features	
Amphitheater	Meadow
Bench/Curb/Steps/Wall	Restricted Access Park Road
Bike Path	Pavillion
Boardwalk	Planter
Boat Access	Play Field
Bridge	Playground
Water Feature	Primary Pedestrian Path
Council Ring	Restroom
Lake	River Bank
Drainage	River Channel
CWWTP Pipeline to Natural Lake	
Existing (repurposed)	River Terrace
Proposed (new)	Secondary Pedestrian Path
	Service Drive
	Skate Park
	Turf
	Weir
	Wetland



GIS Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013b

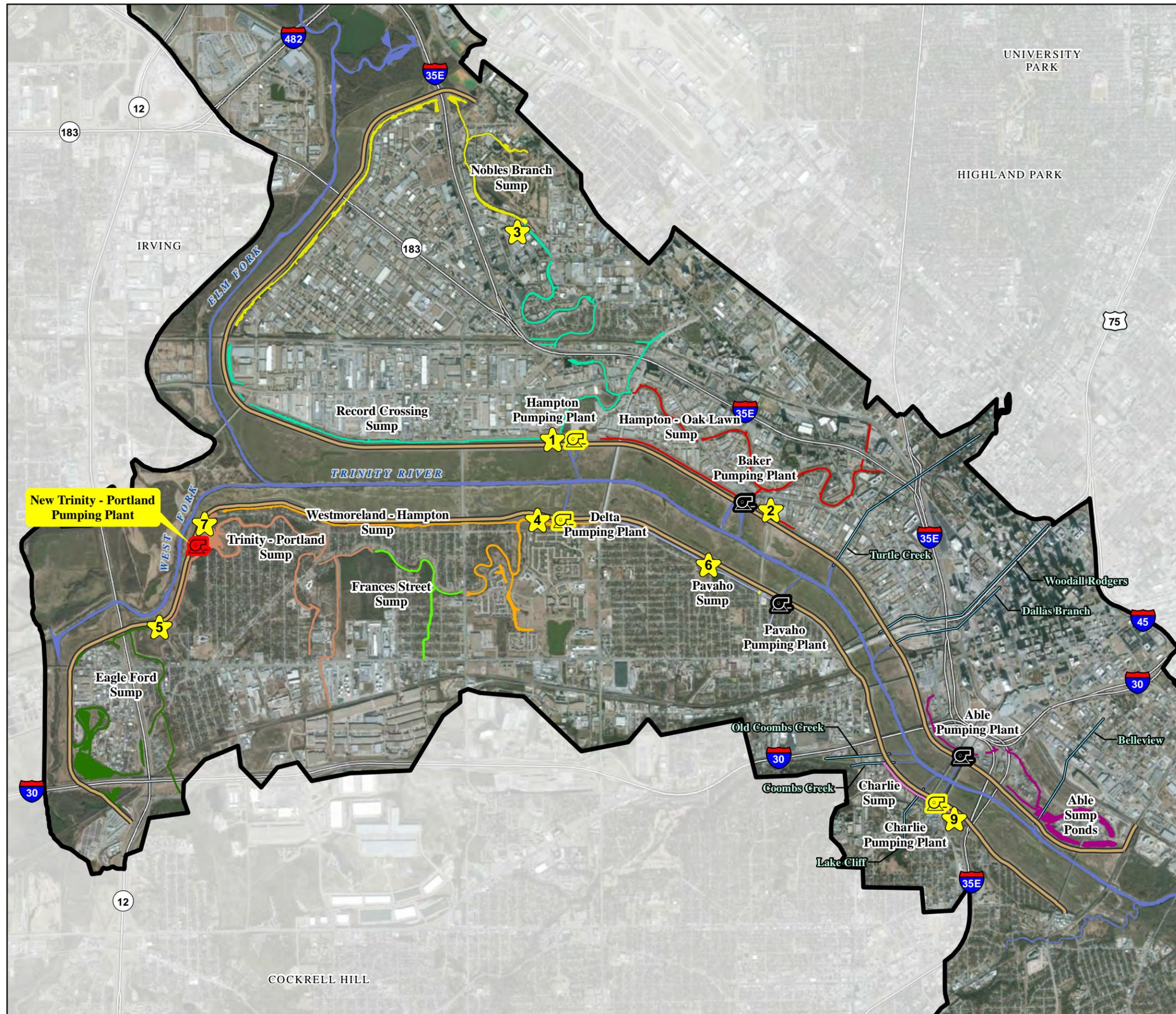


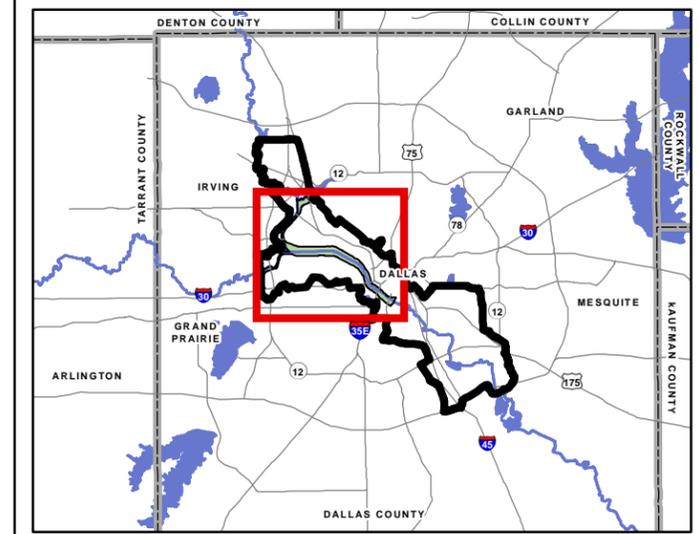
Figure 4
Proposed Interior Drainage Plan Improvements

LEGEND

- New Pumping Plant
- Existing Pumping Plant to be Improved
- Existing Pumping Plant
- IDP Improvement
- Study Area
- Surface Water
- Proposed Culvert
- Existing Pressure Sewer
- Dallas Floodway Levee
- Freeway
- Sumps**
- East Levee**
- Able
- Hampton - Oak Lawn
- Nobles Branch
- Record Crossing
- West Levee**
- Charlie
- Eagle Ford
- Frances Street
- Pavaho
- Trinity - Portland
- Westmoreland - Hampton

# on Figure	Hampton Basin
1	Construct new 700,000-gpm Pump Station and Outfall
2	Rehabilitate New Hampton and demolish Old Hampton Pump Stations
3	Install 3, 60-inch diameter culverts at Empire Central Drive
Delta and Pavaho Basins	
4	Rehabilitate existing Delta Pump Station
5	Install 1, 6-ft by 6-ft gated conduit structure between Trinity-Portland and Eagle Ford Sumps
6	Install 1, 10-ft by 8-ft culvert under Canada Drive
Trinity-Portland Basin	
7	Construct new 225,000-gpm Pump Station
Charlie Basin	
8	Demolish existing Charlie Pump Station
9	Construct new 225,000-gpm Pump Station

Note: Locations are approximate; for detailed maps see Appendix G.

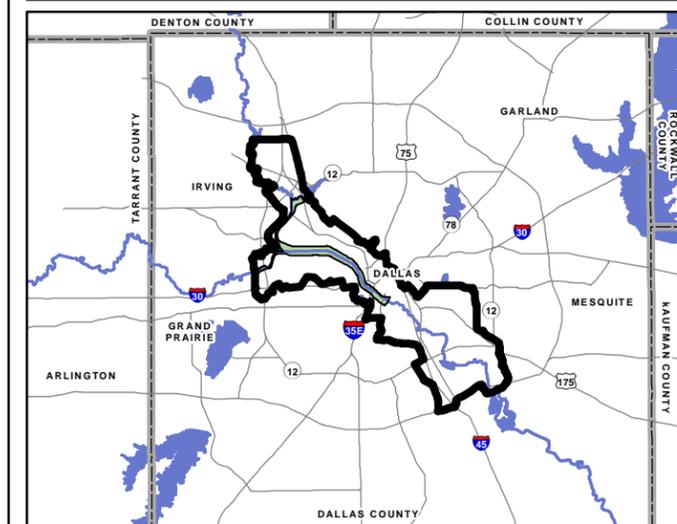
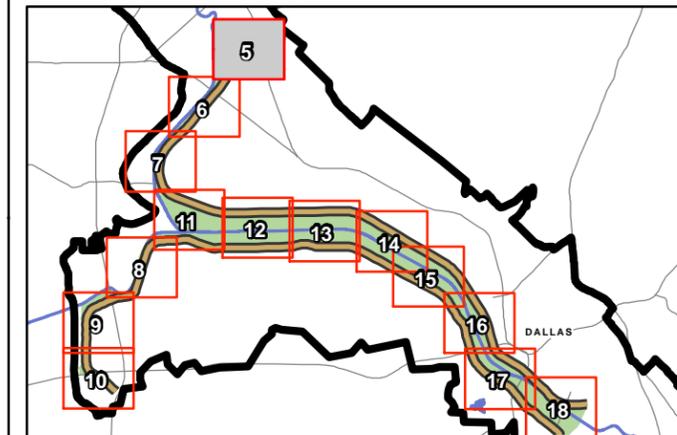


GIS Sources: City of Dallas 2006, 2008a, 2008b, 2009a; Half 2008; NCTCOG 2008



Figure 5
Detail of FRM-MDFP Elements

- LEGEND**
 Proposed Flood Risk Management (FRM) Elements
- Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee
 - Bridge



0 100 200
 Meters

0 250 500
 Feet

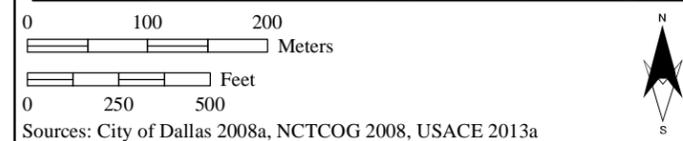
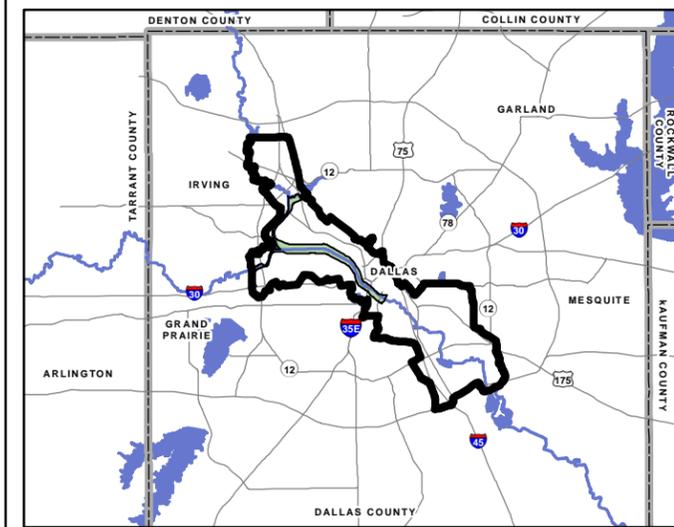
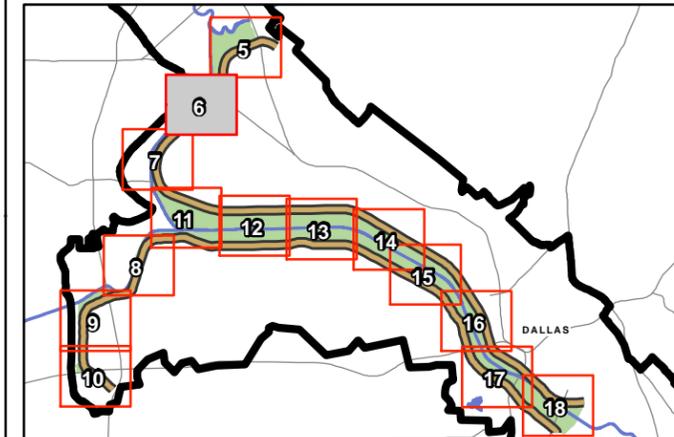
Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a





Figure 6
Detail of FRM-MDFP Elements

- LEGEND**
Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee
 - Bridge



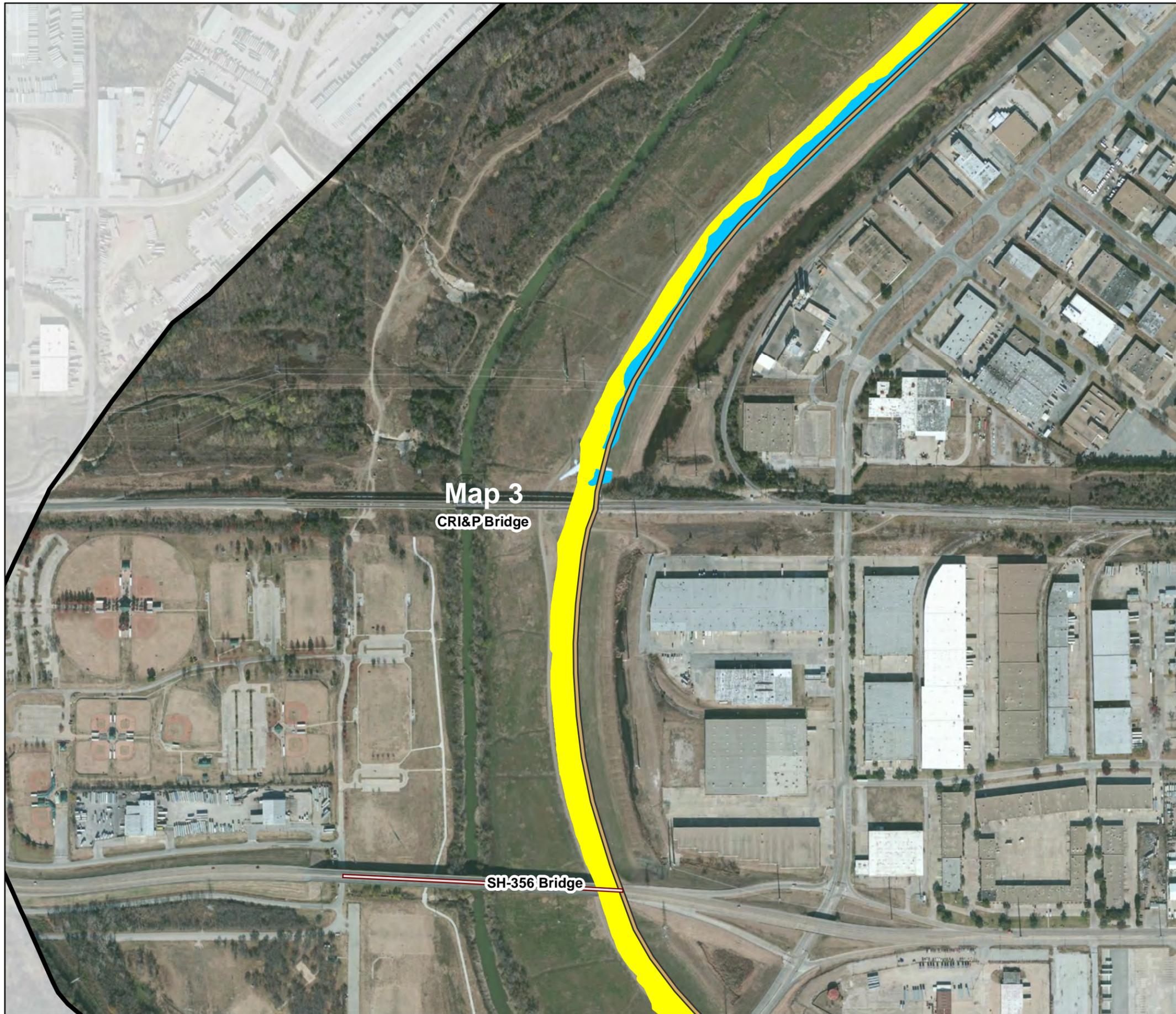
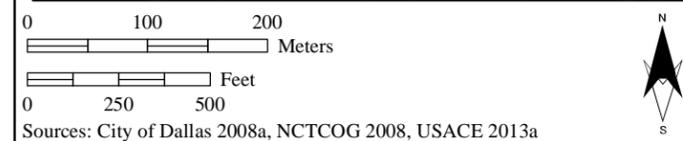
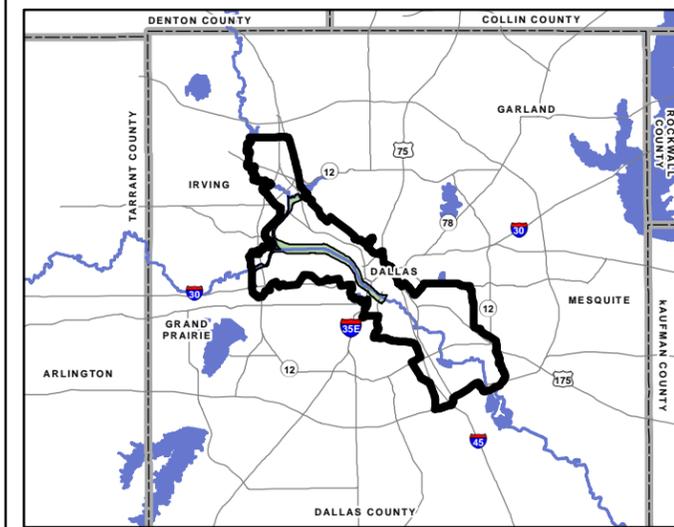
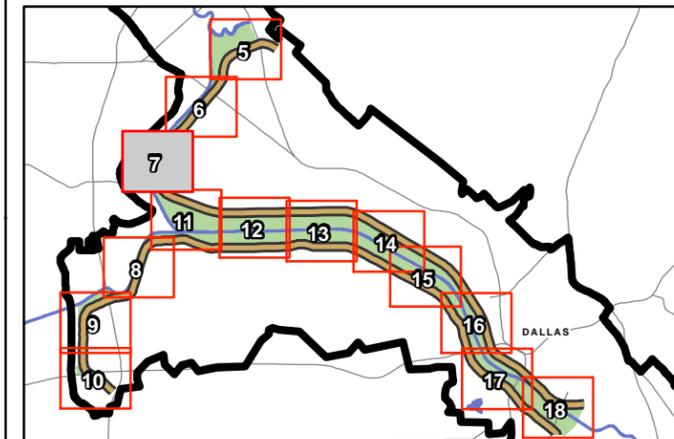


Figure 7
Detail of FRM-MDFP Elements

- LEGEND**
Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee
 - Bridge



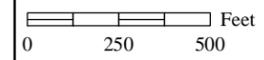
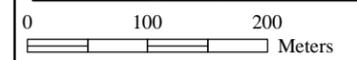
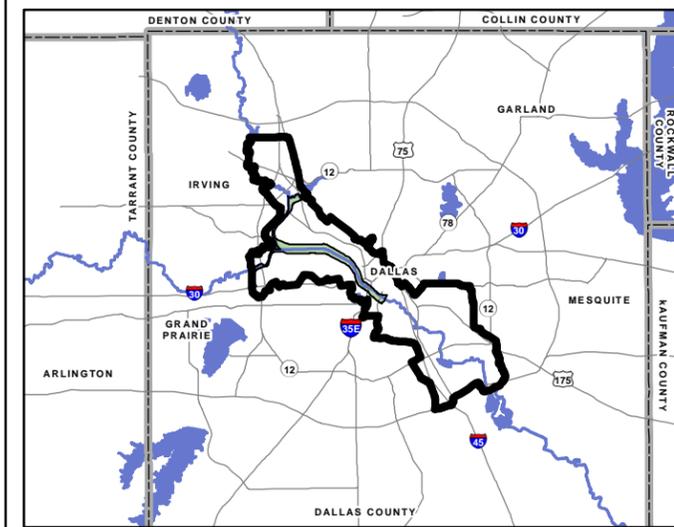
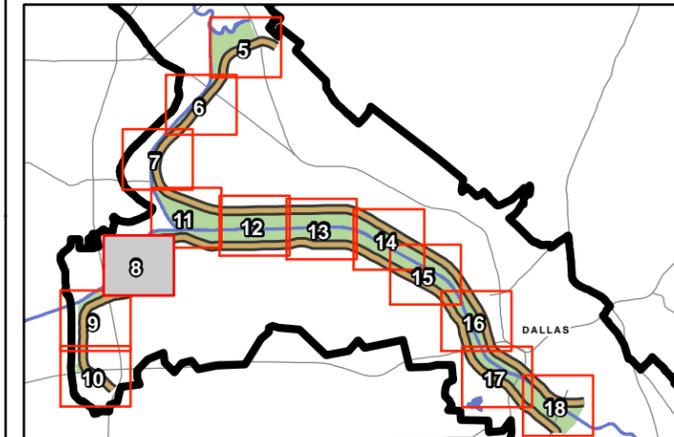
Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



Figure 8
Detail of FRM-MDFP Elements

LEGEND
 Proposed Flood Risk Management (FRM) Elements

- Levee Raise
- Levee Flattening (4:1 Ratio) (local sponsor action)
- Dallas Floodway Levee
- Bridge



Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



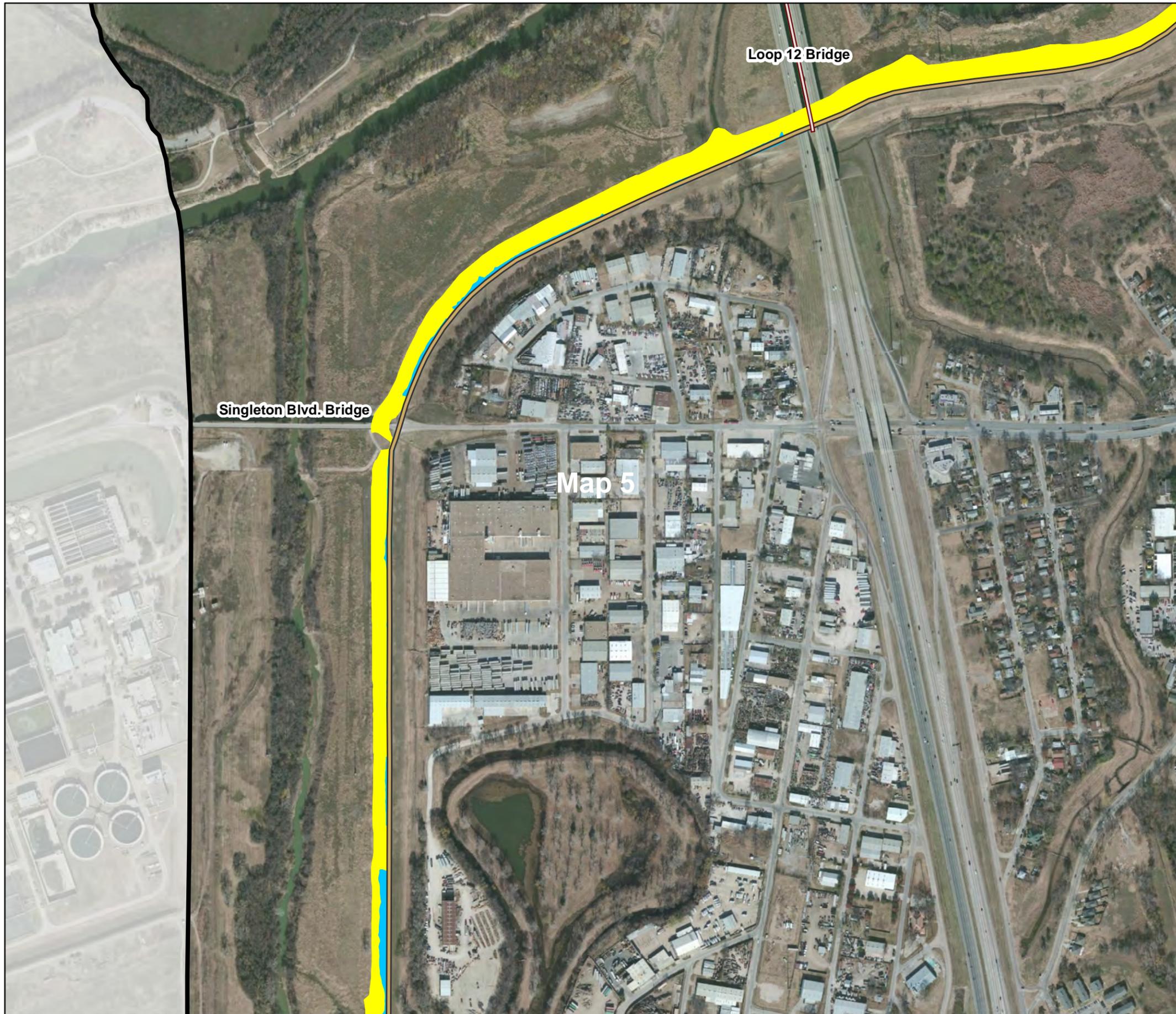
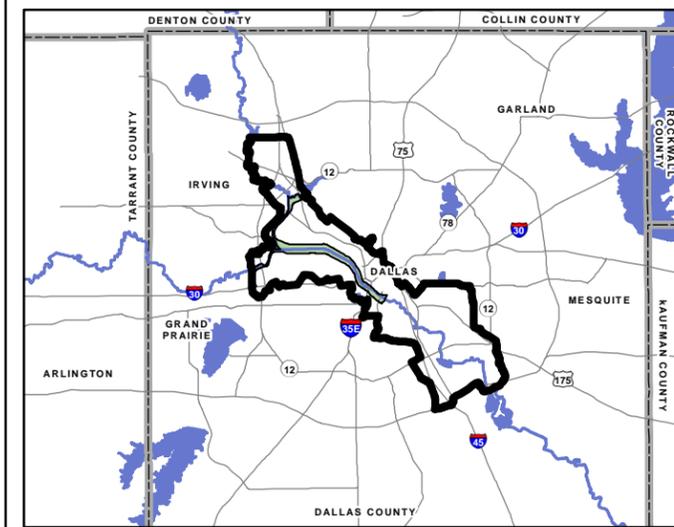
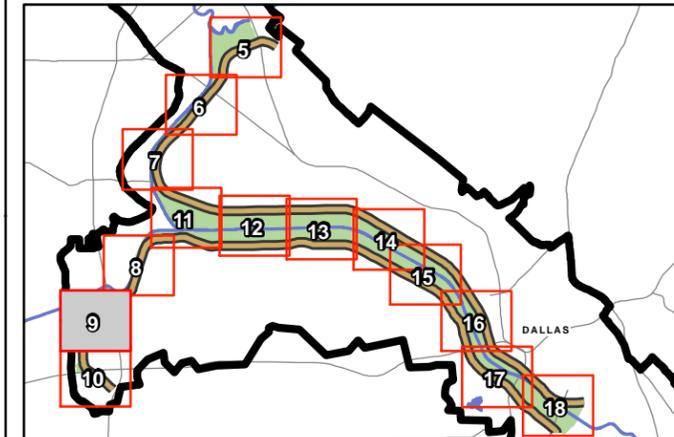


Figure 9
Detail of FRM-MDFP Elements

- LEGEND**
 Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee
 - Bridge



0 100 200
 Meters

0 250 500
 Feet

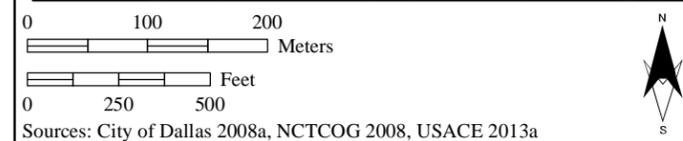
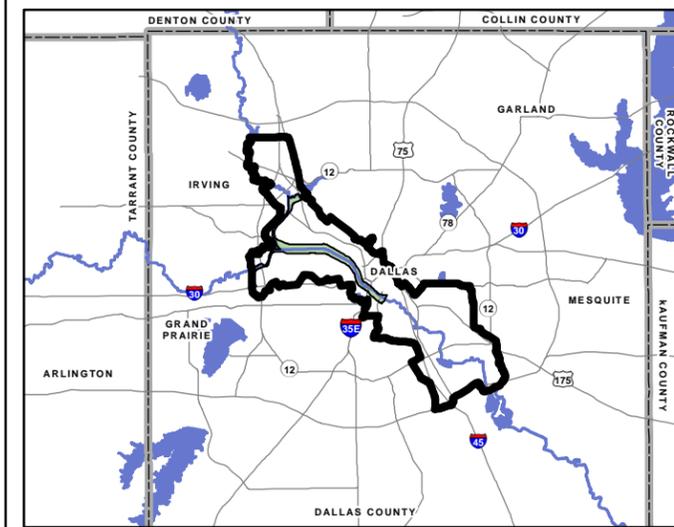
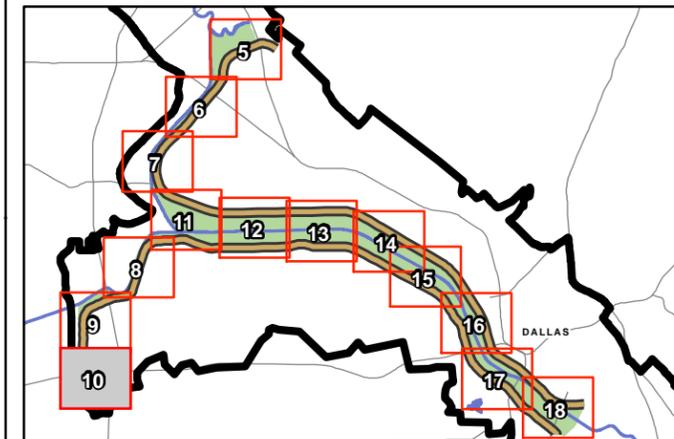
Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a





Figure 10
Detail of FRM-MDFP Elements

- LEGEND**
 Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee

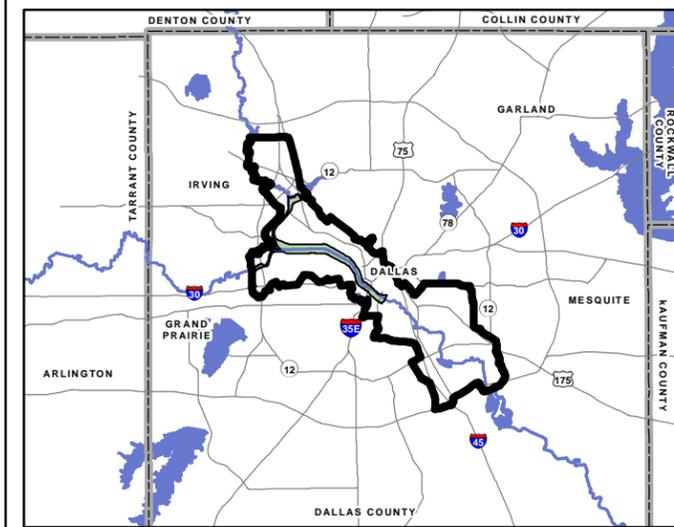
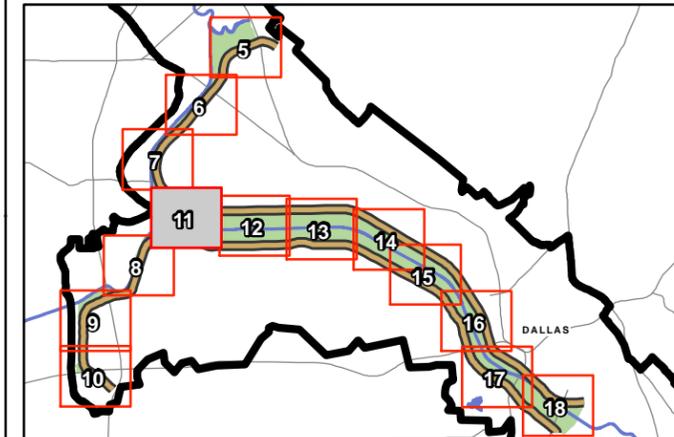


Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



Figure 11
Detail of FRM-MDFP Elements

- LEGEND**
Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Borrow Pit
 - Dallas Floodway Levee
 - Bridge



0 100 200
Meters

0 250 500
Feet

Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



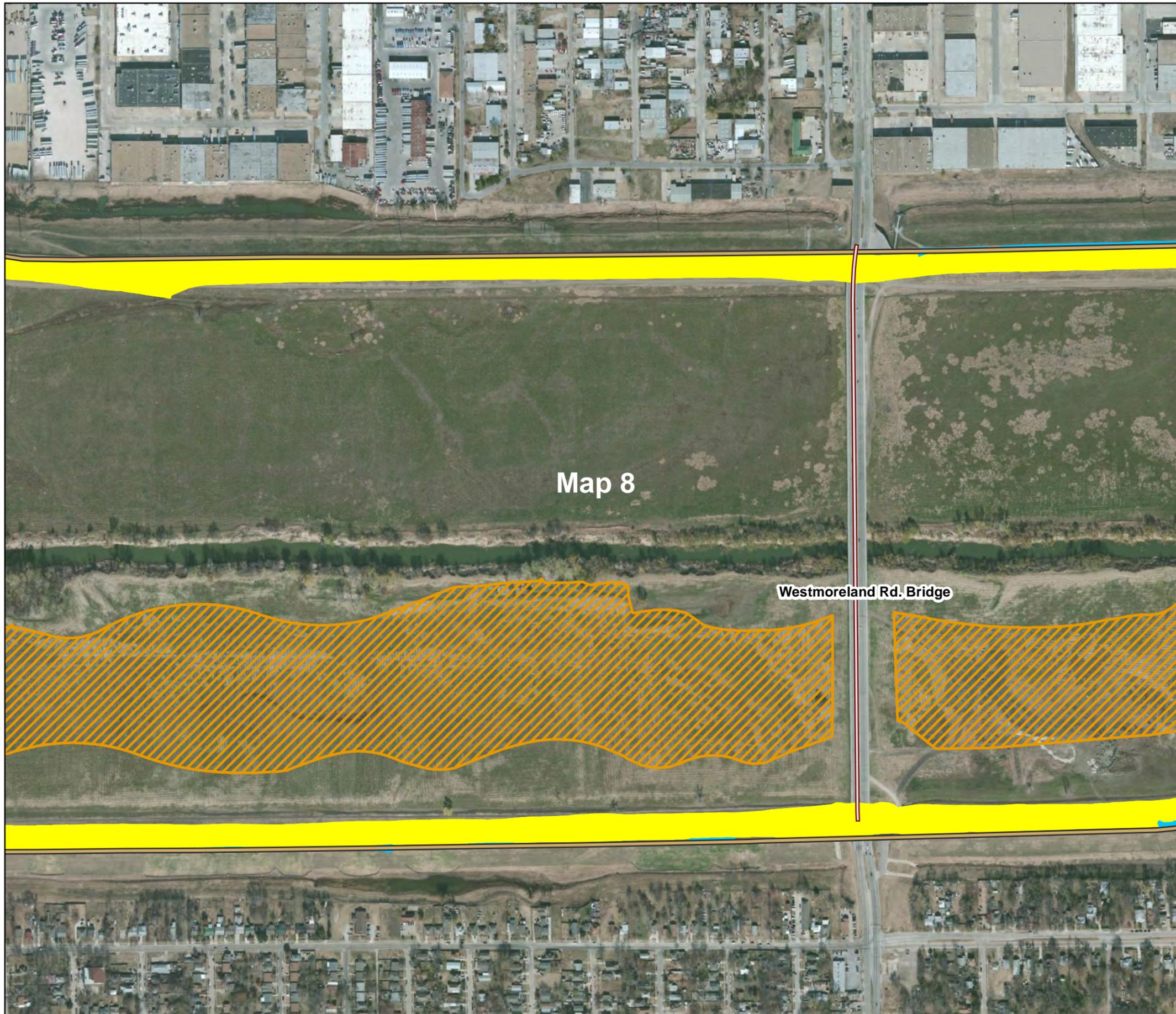
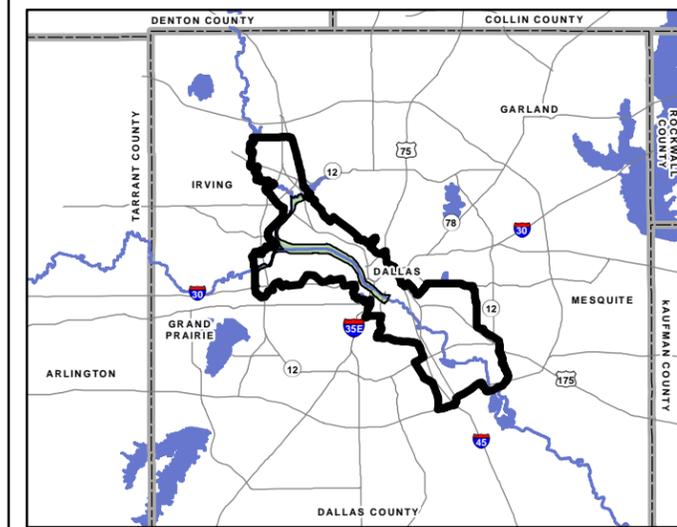
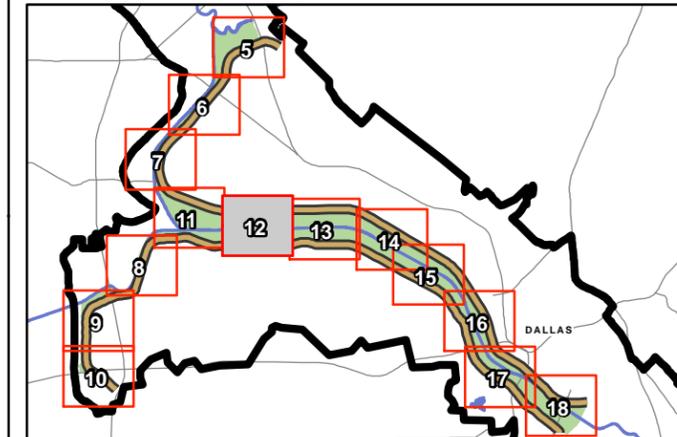


Figure 12
Detail of FRM-MDFP Elements

LEGEND
 Proposed Flood Risk Management (FRM) Elements

- Levee Raise
- Levee Flattening (4:1 Ratio) (local sponsor action)
- Borrow Pit
- Dallas Floodway Levee
- Bridge



0 100 200
 Meters

0 250 500
 Feet

Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



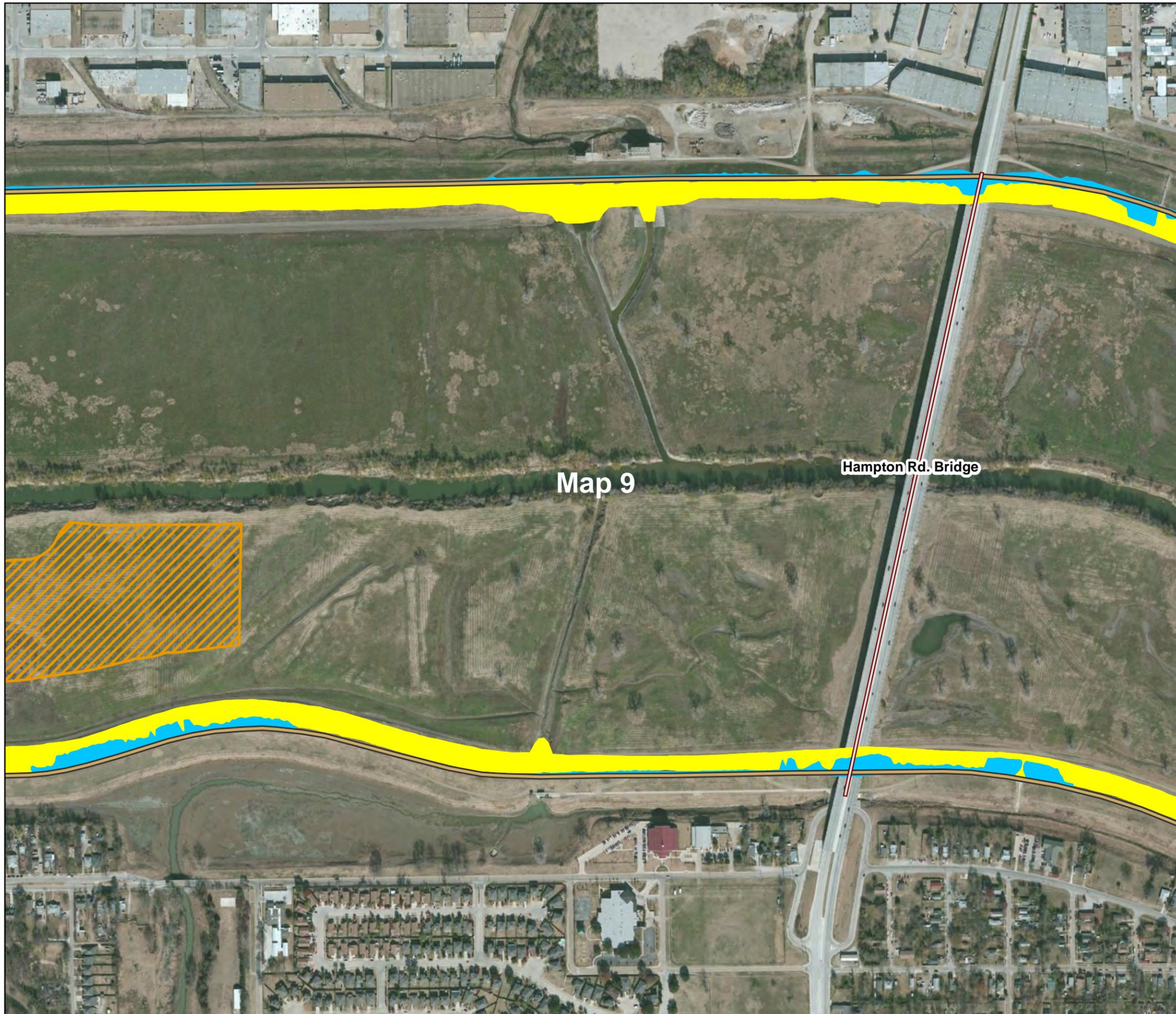
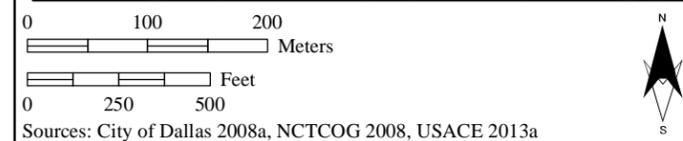
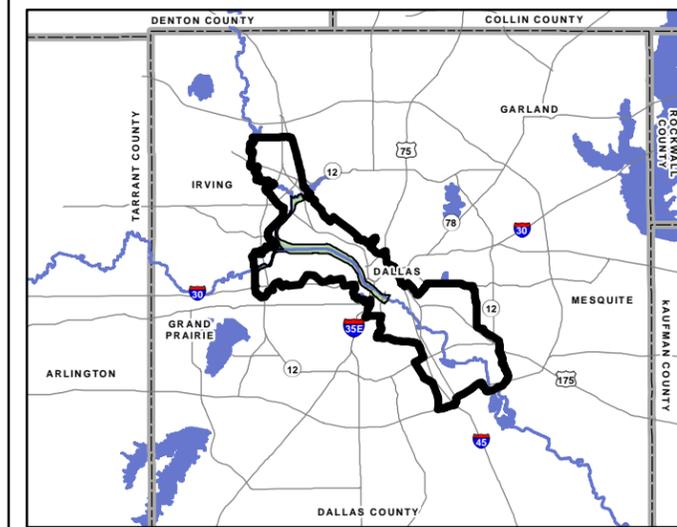
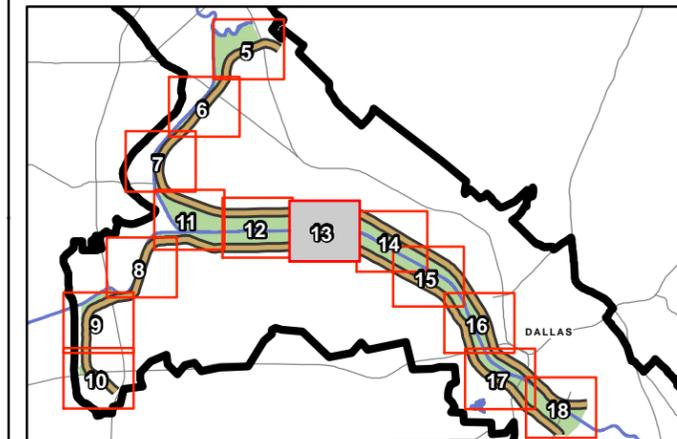


Figure 13
Detail of FRM-MDFP Elements

- LEGEND**
 Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Borrow Pit
 - Dallas Floodway Levee
 - Bridge

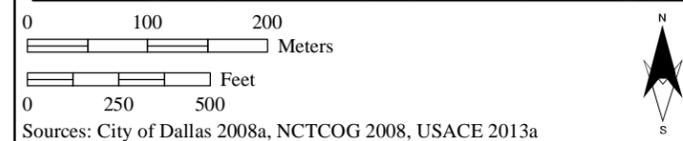
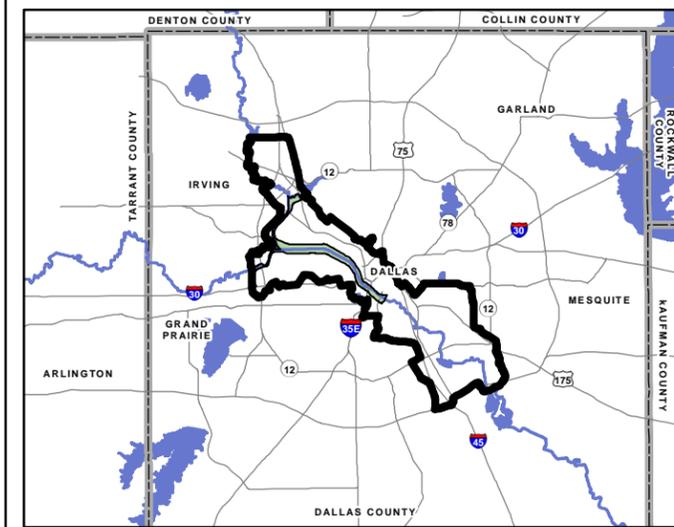
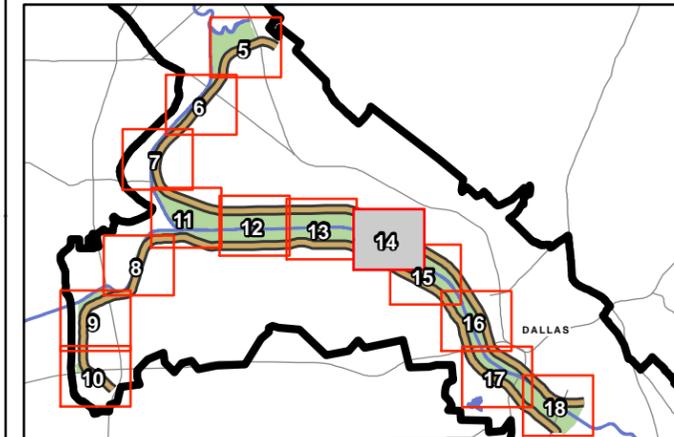


Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



Figure 14
Detail of FRM-MDFP Elements

- LEGEND**
- Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee
 - Bridge

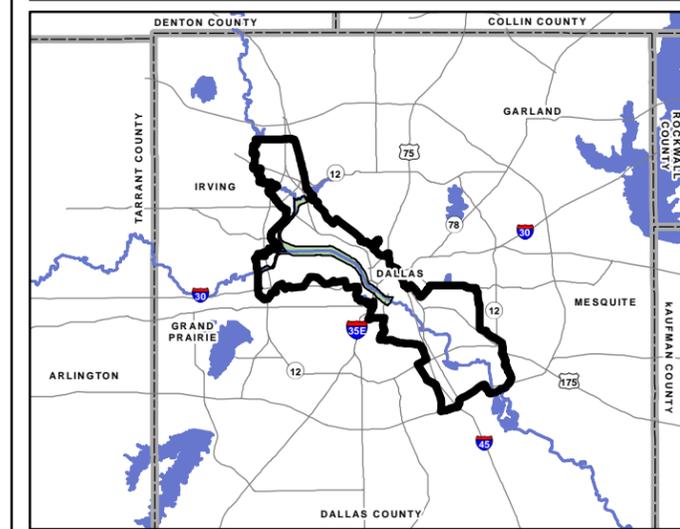
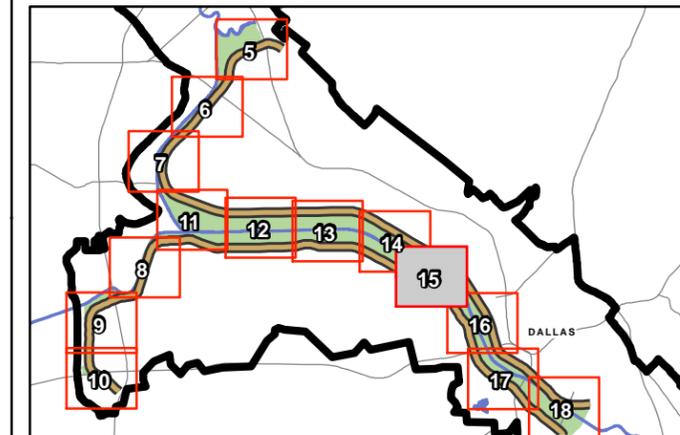


Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



Figure 15
Detail of FRM-MDFP Elements

- LEGEND**
Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee
 - Bridge



0 100 200 Meters

0 250 500 Feet

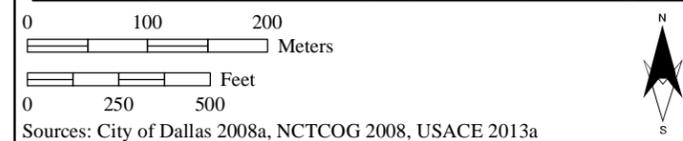
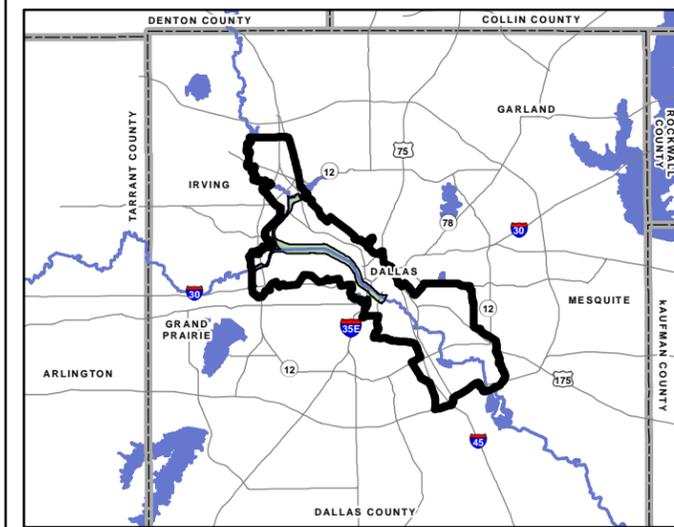
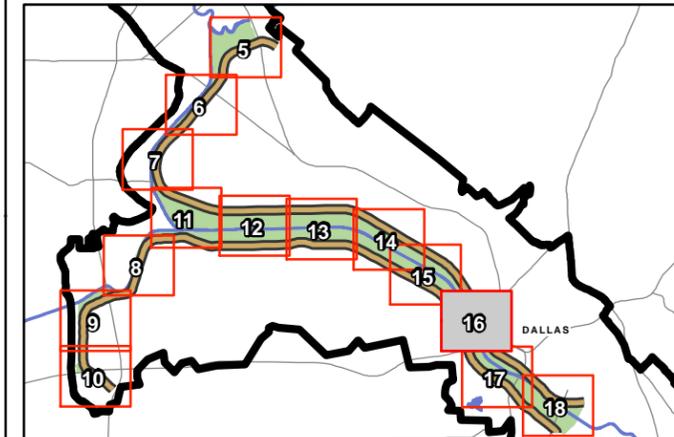
Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a





Figure 16
Detail of FRM-MDFP Elements

- LEGEND**
 Proposed Flood Risk Management (FRM) Elements
- Levee Raise
 - Levee Flattening (4:1 Ratio) (local sponsor action)
 - Dallas Floodway Levee
 - Bridge



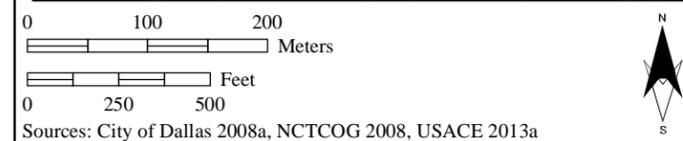
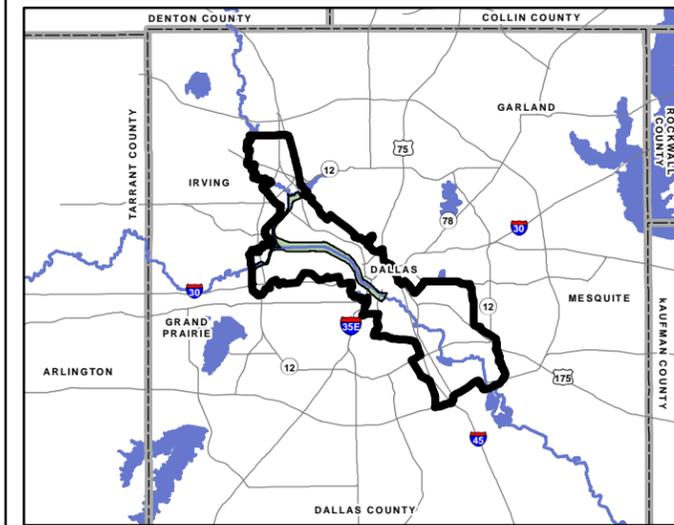
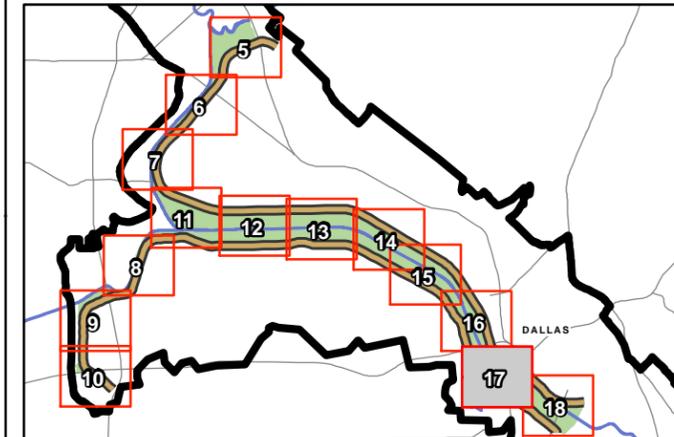
Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



Figure 17
Detail of FRM-MDFP Elements

LEGEND
 Proposed Flood Risk Management (FRM) Elements

- Levee Raise
- Levee Flattening (4:1 Ratio) (local sponsor action)
- Dallas Floodway Levee
- Bridge

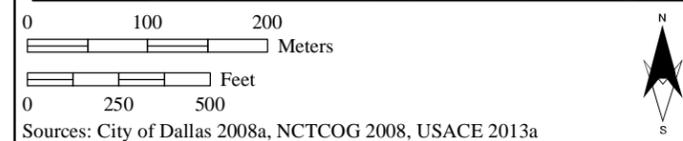
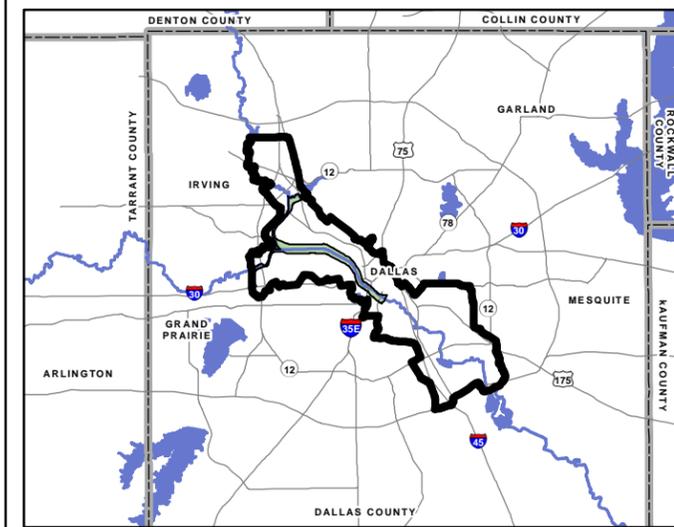
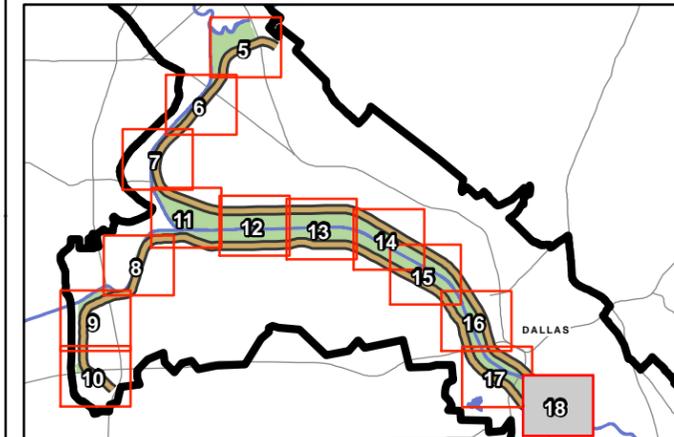


Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a



Figure 18
Detail of FRM-MDFP Elements

- LEGEND**
Proposed Flood Risk Management (FRM) Elements
- Levee Flattening (4:1 Ratio) (local sponsor action)
 - Embankment Removal
 - Dallas Floodway Levee
 - Bridge
 - Santa Fe Trestle Trail
 - AT&SF Steel Not to be Removed



Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013a

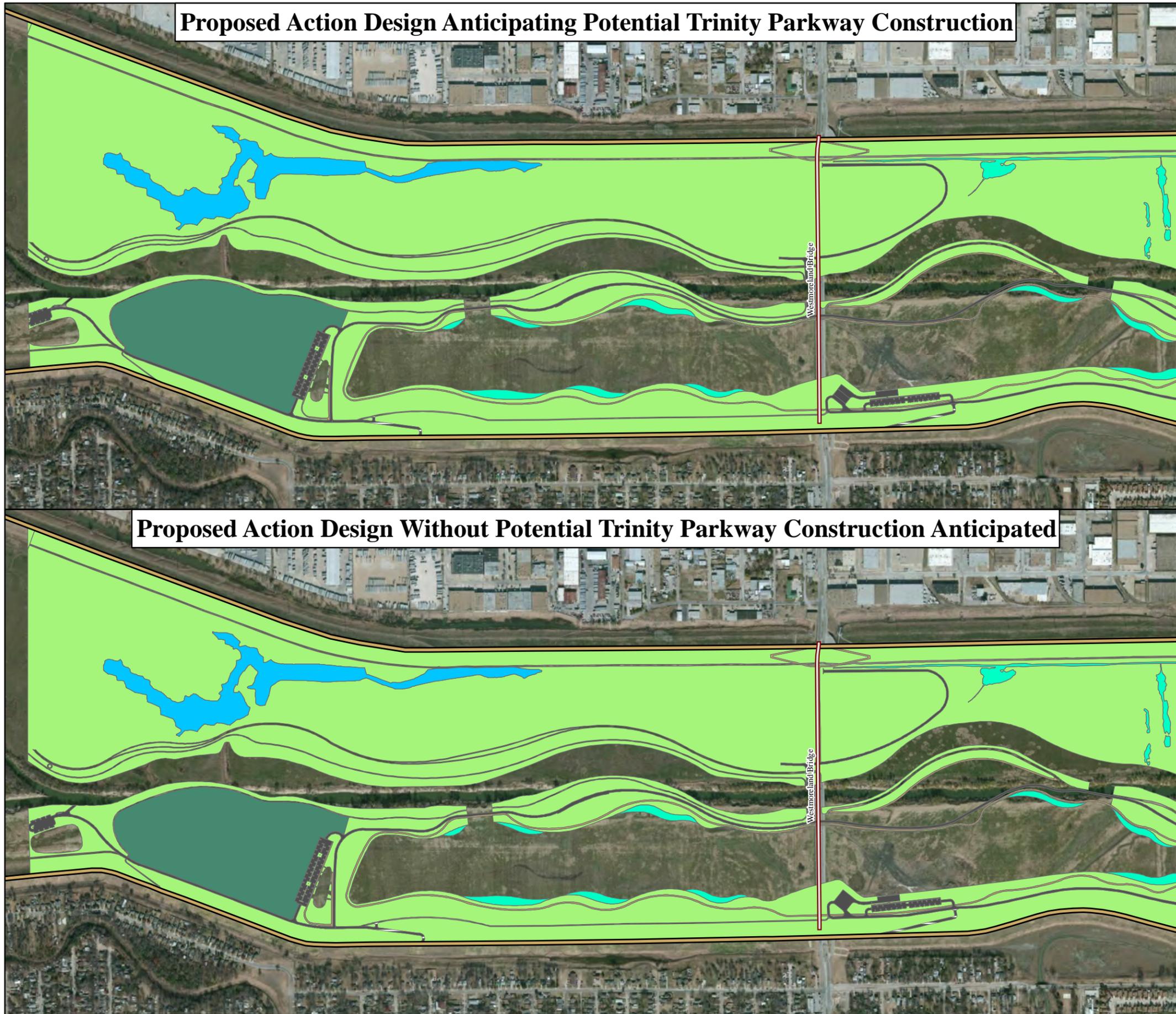


Figure 19
Differences in BVP Study Ecosystem and Recreation
Features between Alternative 2 Design Variations;
Segment 1

LEGEND

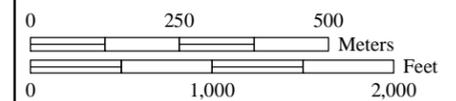
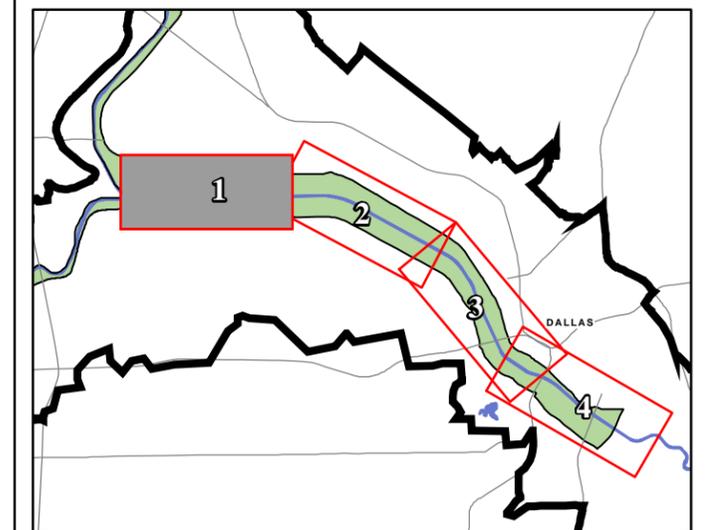
Existing Features

-  Dallas Floodway Levee Crest
-  Bridge

Proposed Features

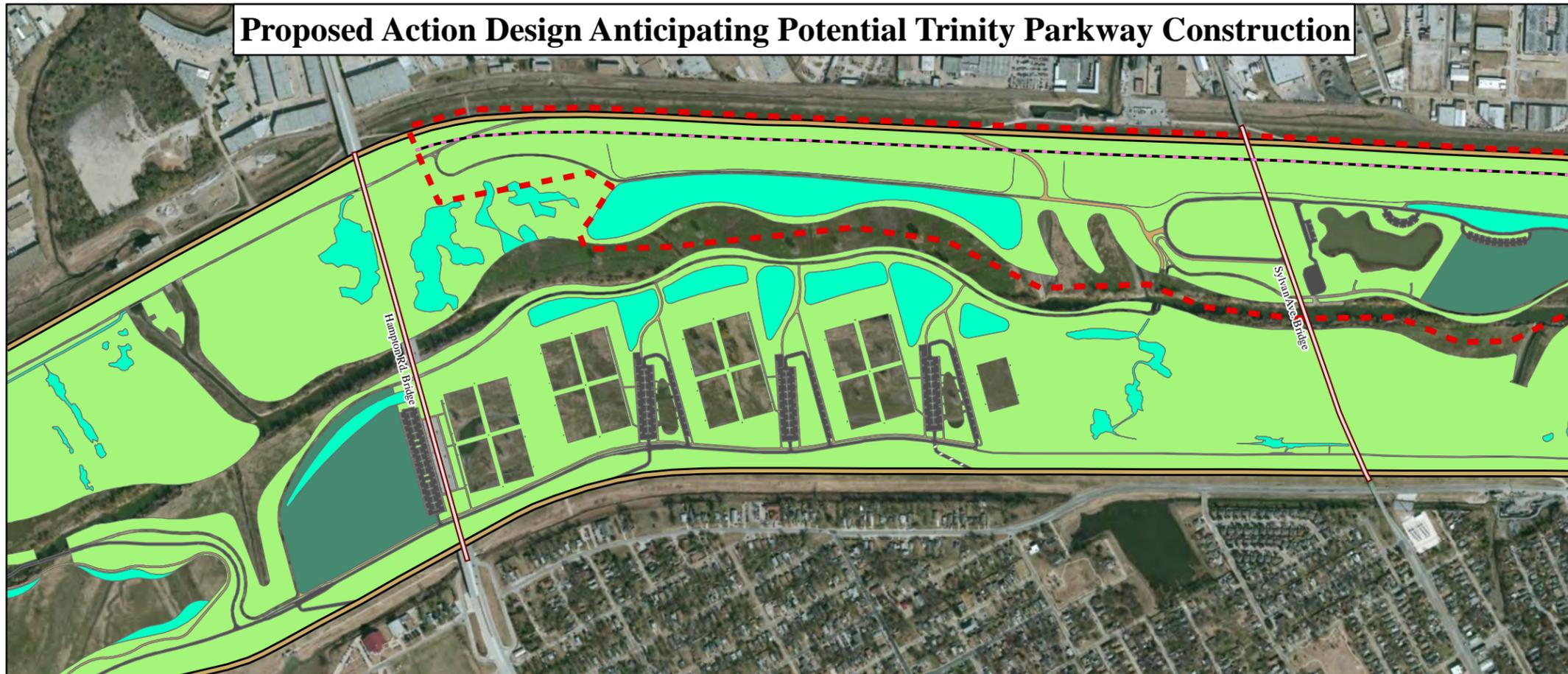
-  Park Road
-  Restricted Access Park Road
-  Flex Field
-  Meadow
-  Secondary Pedestrian Path
-  Lake/Open Water
-  Wetland

Note: There is no change between Alternative 2 design features on this figure



Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013b

Proposed Action Design Anticipating Potential Trinity Parkway Construction



Proposed Action Design Without Potential Trinity Parkway Construction Anticipated

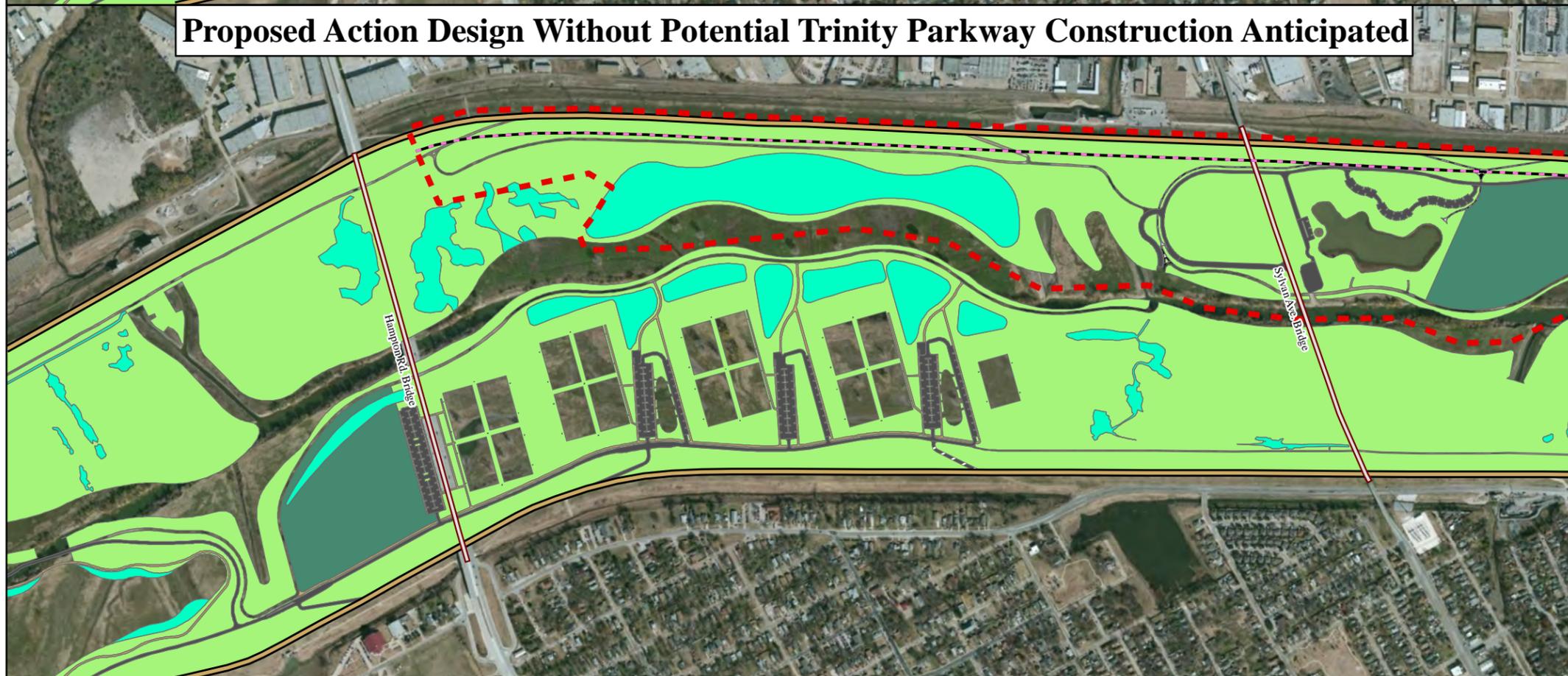
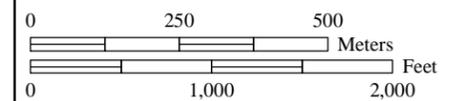
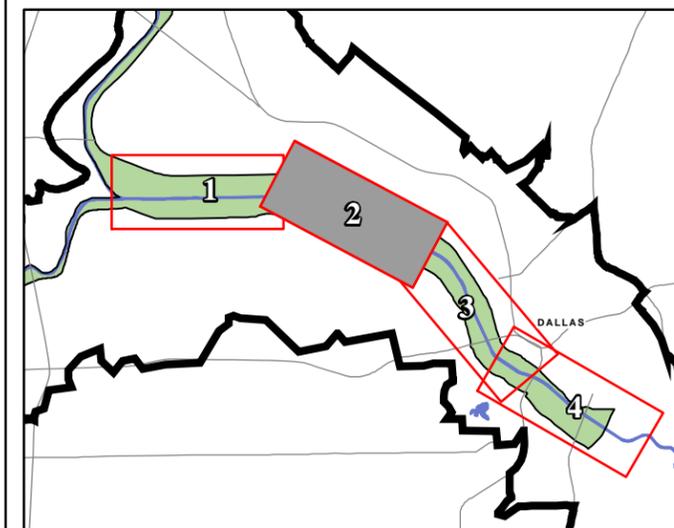


Figure 20
Differences in BVP Study Ecosystem and Recreation Features between Alternative 2 Design Variations; Segment 2

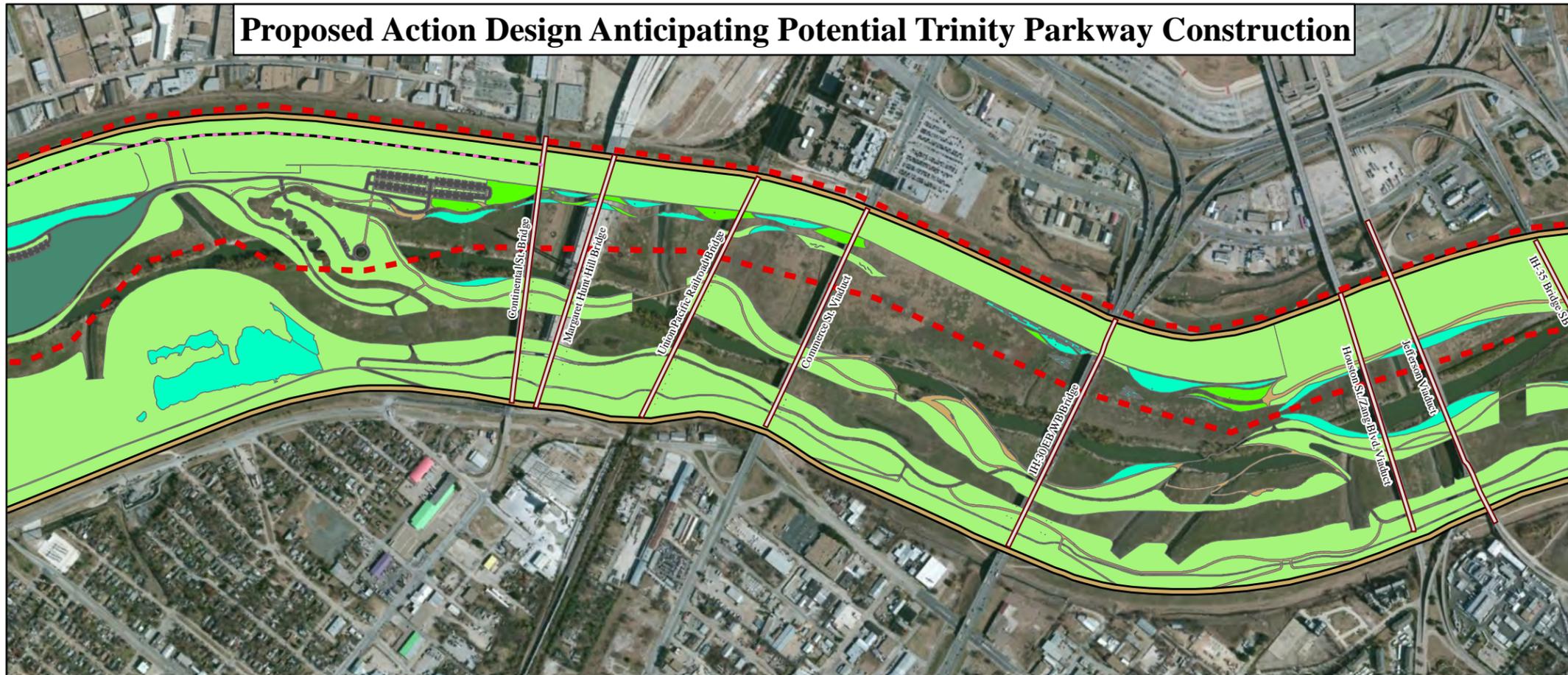
LEGEND

-  General Area of Change
- Existing Features**
-  Dallas Floodway Levee Crest
-  Bridge
- Proposed Features**
-  Bike Path
-  Park Road
-  Restricted Access Park Road
-  Flex Field
-  Meadow
-  Secondary Pedestrian Path
-  Wetland
-  Cutoff Wall



Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013b

Proposed Action Design Anticipating Potential Trinity Parkway Construction



Proposed Action Design Without Potential Trinity Parkway Construction Anticipated

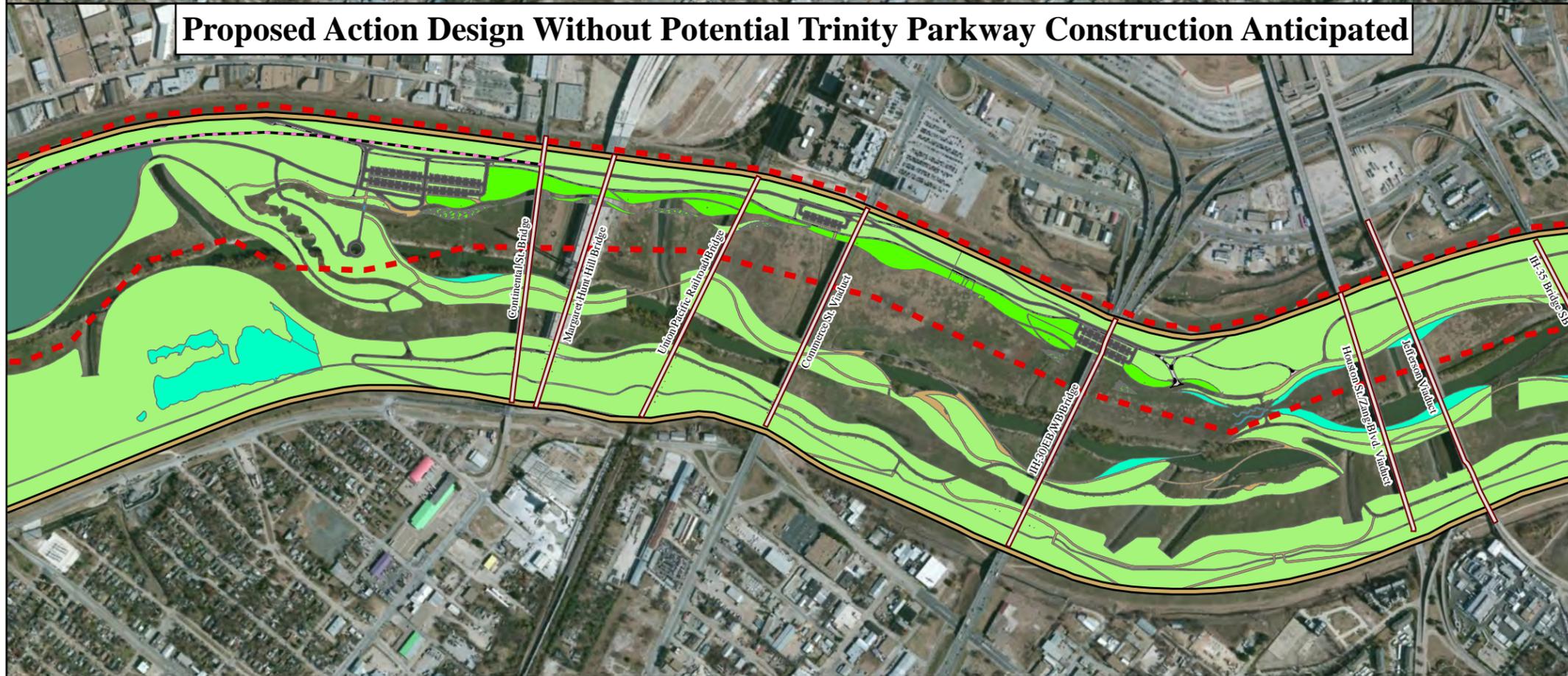
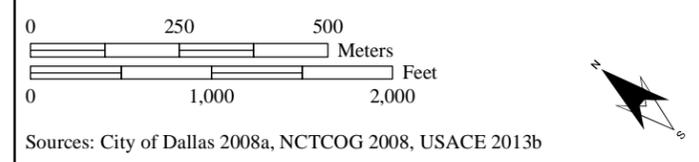
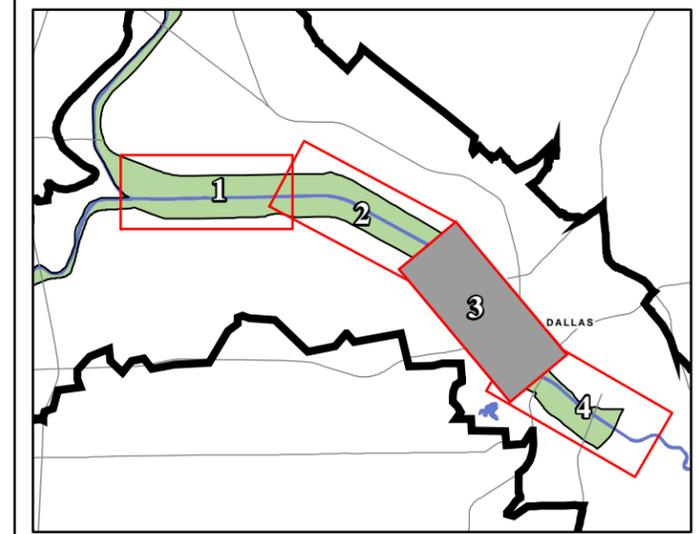
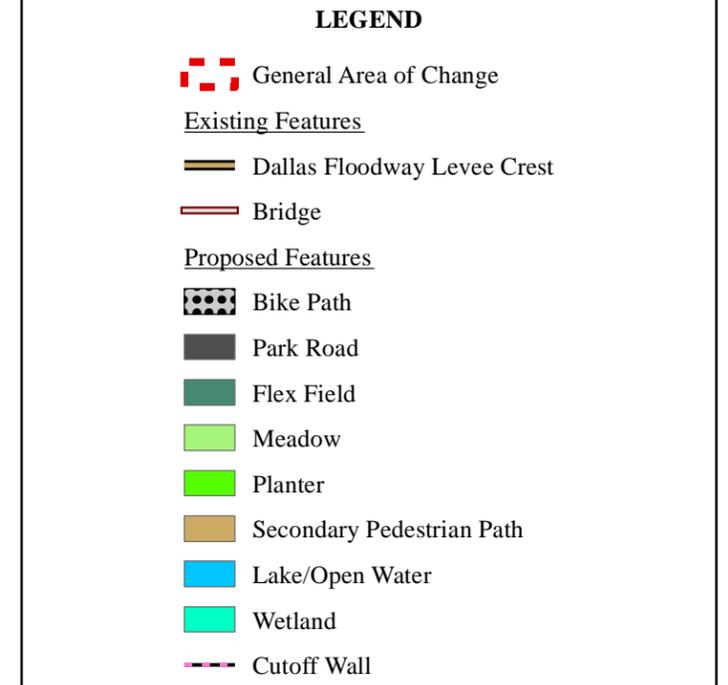
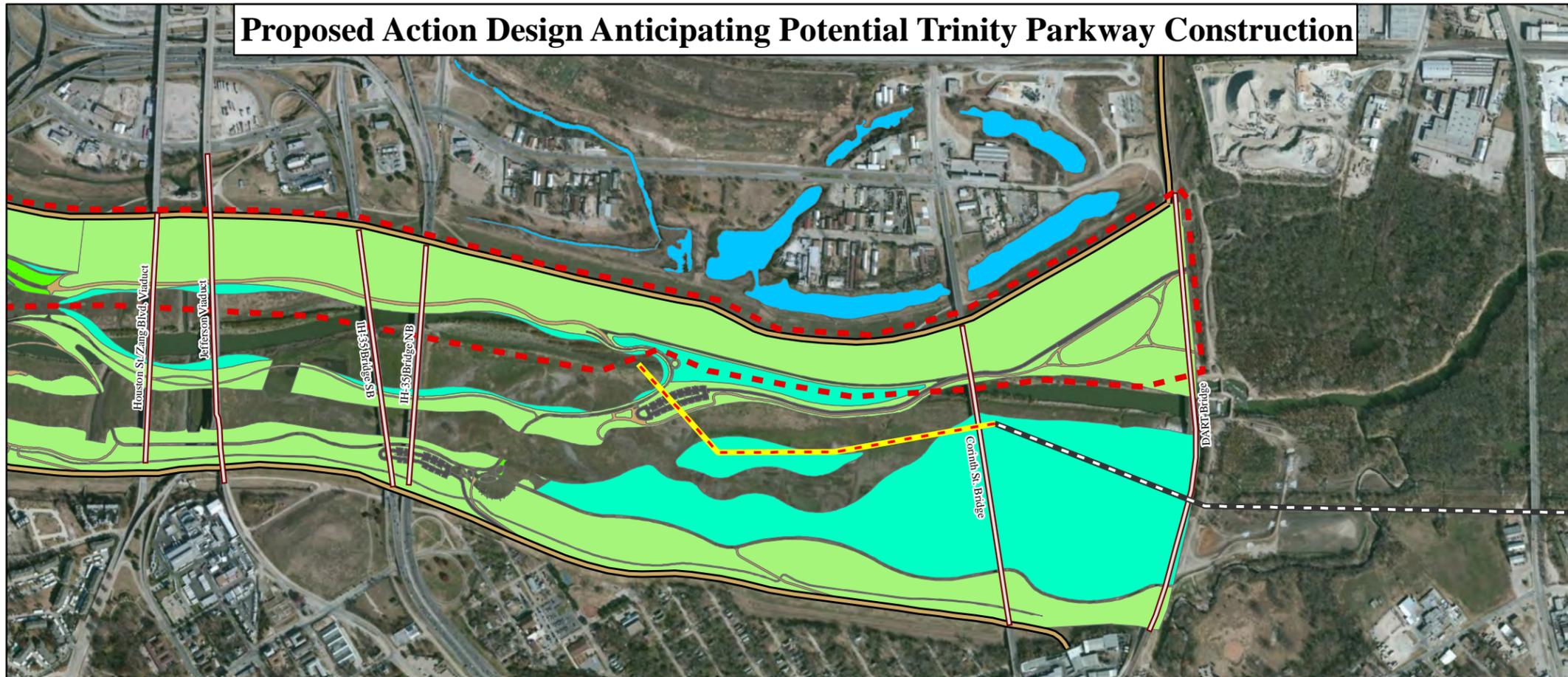


Figure 21
Differences in BVP Study Ecosystem and Recreation Features between Alternative 2 Design Variations; Segment 3



Proposed Action Design Anticipating Potential Trinity Parkway Construction



Proposed Action Design Without Potential Trinity Parkway Construction Anticipated

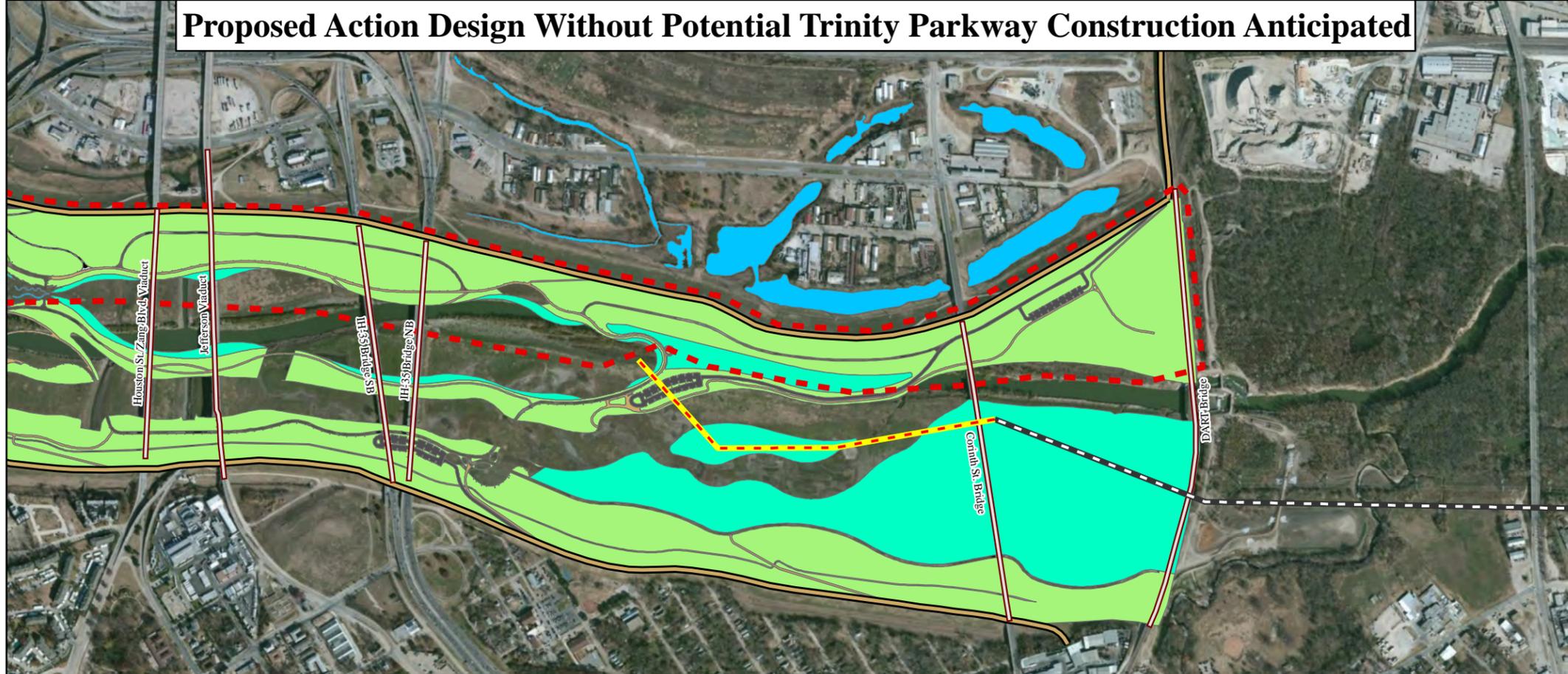
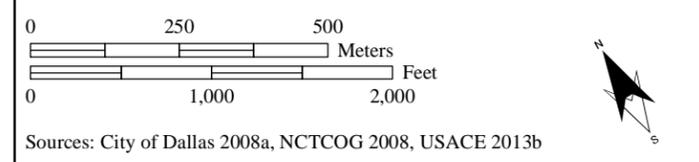
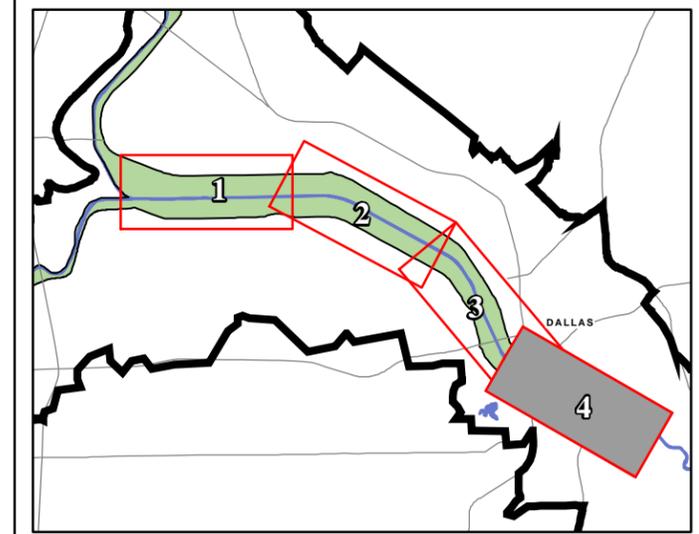


Figure 22
Differences in BVP Study Ecosystem and Recreation Features between Alternative 2 Design Variations; Segment 4

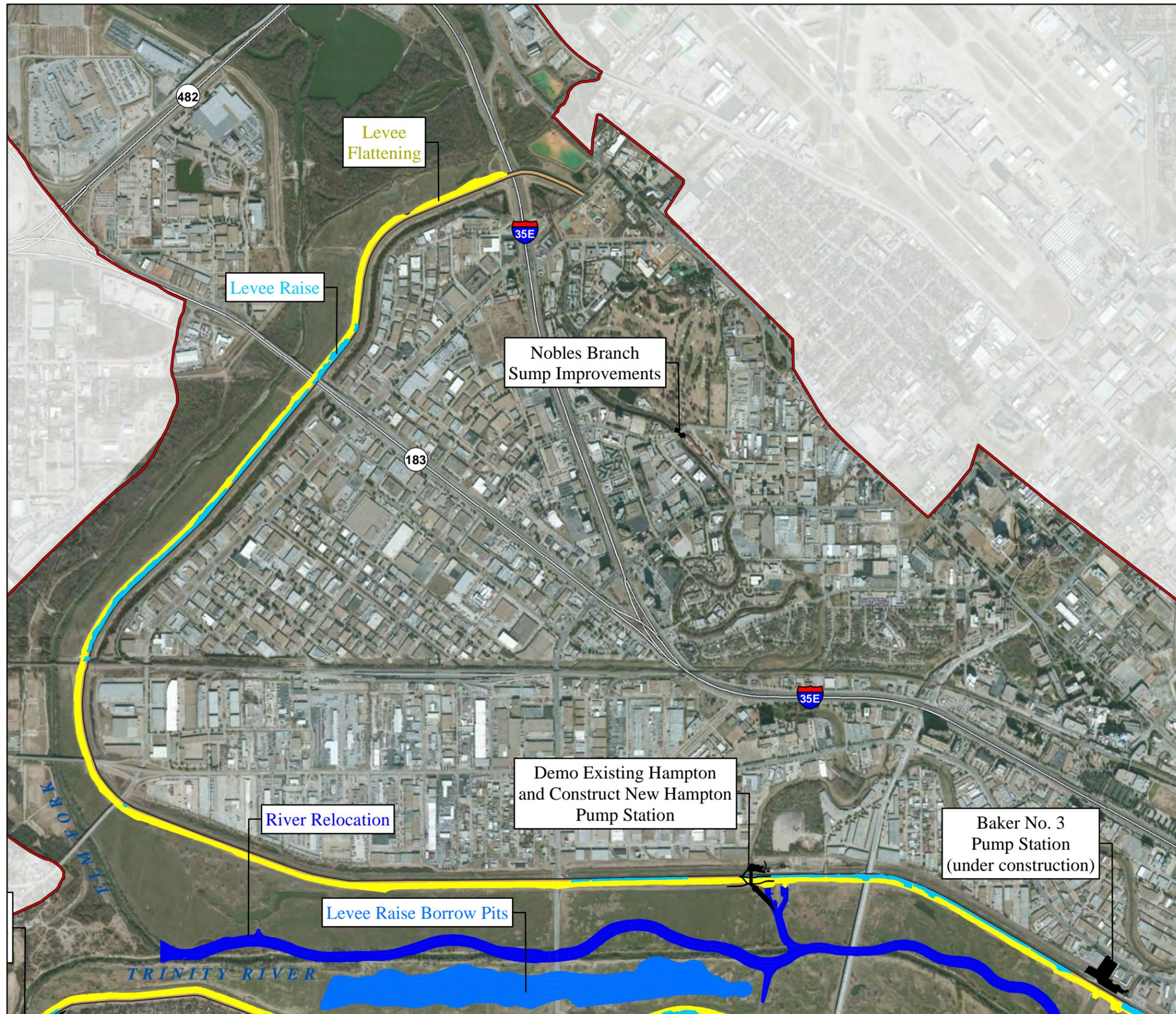
LEGEND

- - - General Area of Change
- Existing Features
- Dallas Floodway Levee Crest
- Bridge
- Proposed Features
- Bike Path
- Park Road
- Meadow
- Planter
- Secondary Pedestrian Path
- Lake/Open Water
- Wetland
- CWWTP Pipeline to Natural Lake
- Existing (repurposed)
- Proposed (new)



Sources: City of Dallas 2008a, NCTCOG 2008, USACE 2013b

Figure 23
Detail of MDFP: Segment I



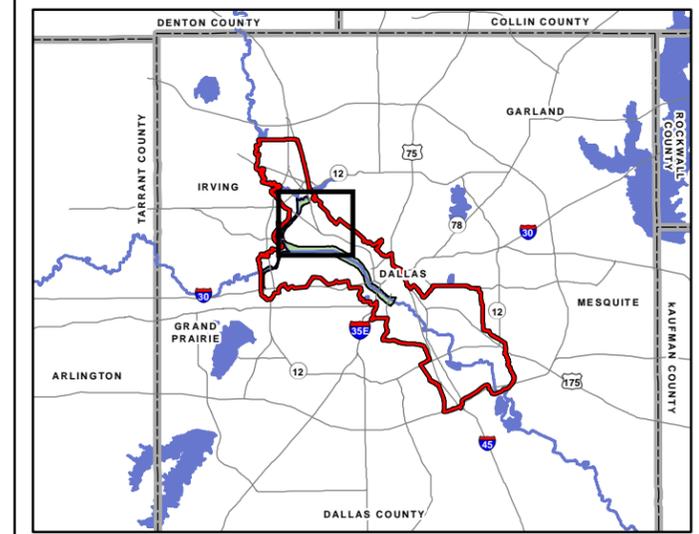
LEGEND

MDFP Elements

- 277K Levee Raise
- Levee Flattening (4:1 Ratio) (local sponsor action)
- Levee Raise Borrow Pits
- River Relocation
- IDP Improvements

Existing Features

- Dallas Floodway Levee System Levee
- Freeway
- Study Area

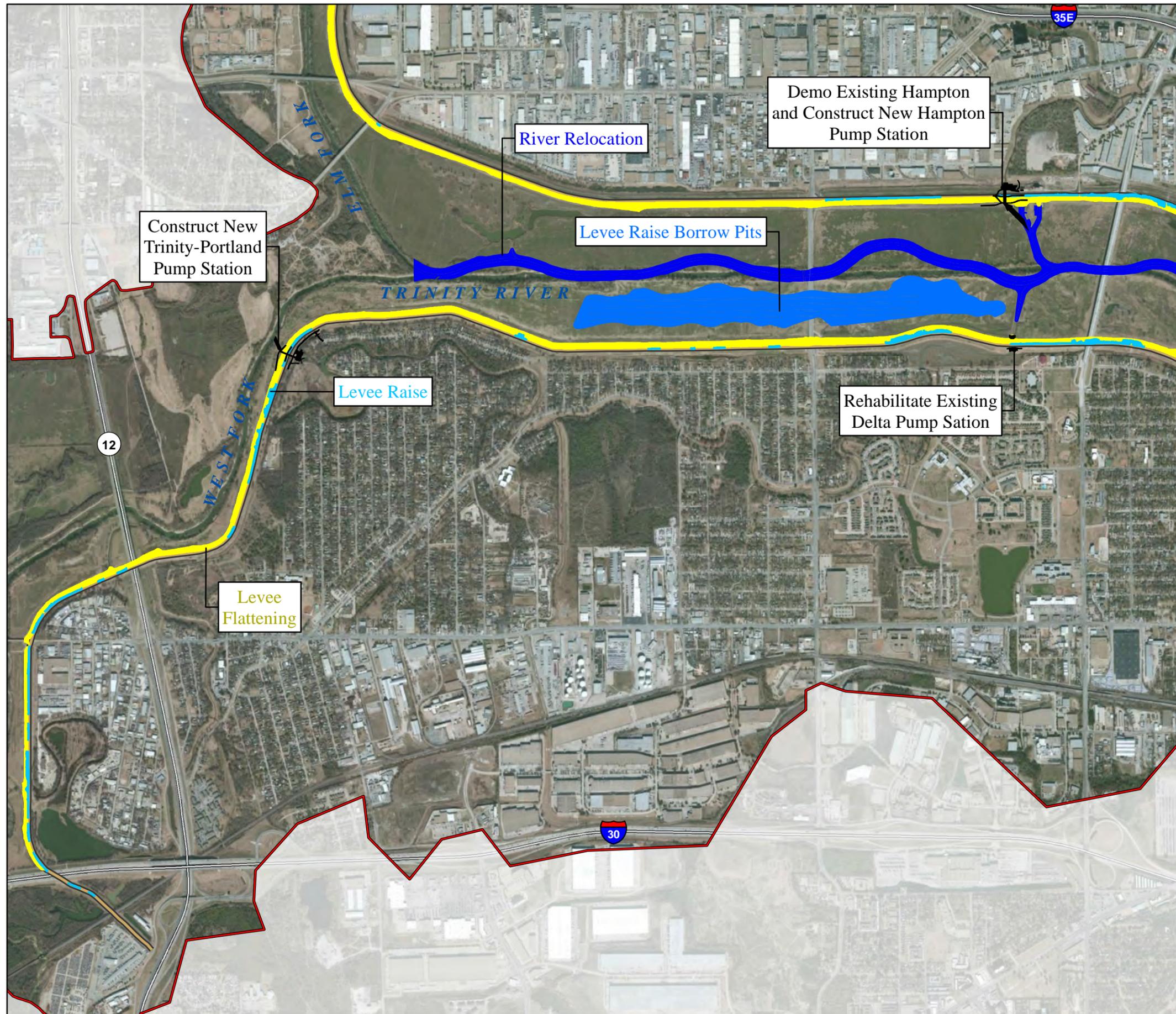


0 0.5 1 Kilometers

0 0.5 1 Miles

Sources: City of Dallas 2008a, 2009c, NCTCOG 2008

Figure 24
Detail of MDFP: Segment II



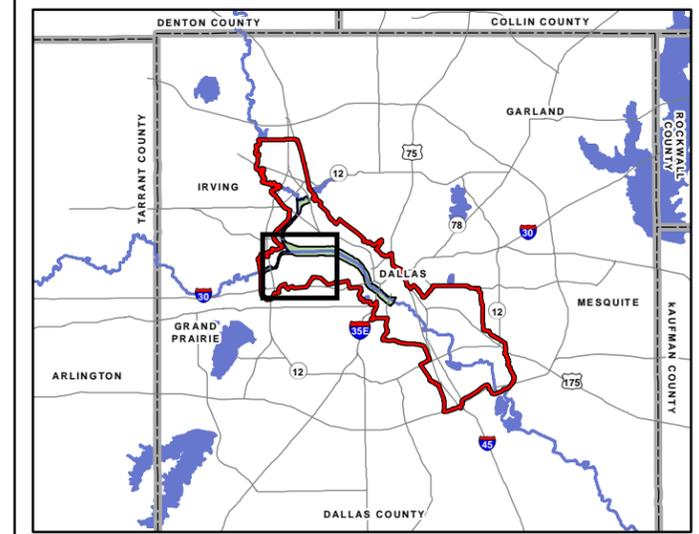
LEGEND

MDFP Elements

- 277K Levee Raise
- Levee Flattening (4:1 Ratio) (local sponsor action)
- Levee Raise Borrow Pits
- River Relocation
- IDP Improvements

Existing Features

- Dallas Floodway Levee System Levee
- Freeway
- Study Area

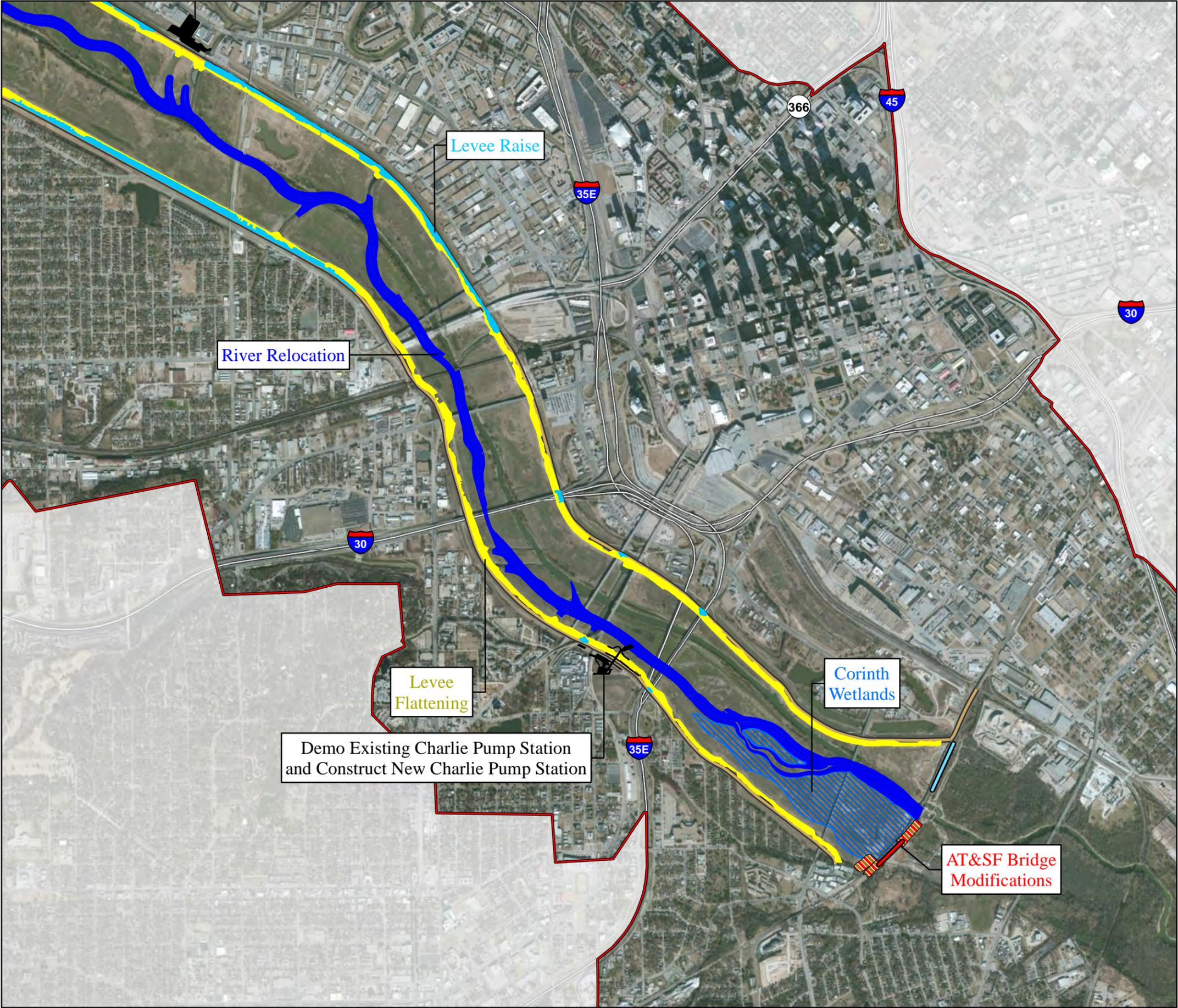


0 0.5 1 Kilometers

0 0.5 1 Miles

Sources: City of Dallas 2008a, 2009c, NCTCOG 2008

Figure 25
Detail of MDFP: Segment III



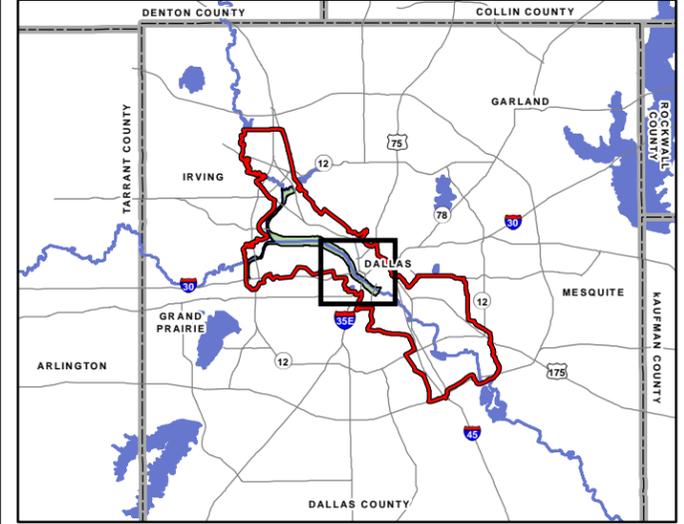
LEGEND

MDFP Elements

- 277K Levee Raise
- Levee Flattening (4:1 Ratio) (local sponsor action)
- Embankment Removal
- Corinth Wetlands
- River Relocation
- IDP Improvements

Existing Features

- Dallas Floodway Levee System Levee
- Freeway
- Study Area



0 0.5 1 Kilometers

0 0.5 1 Miles

N

S

Sources: City of Dallas 2008a, 2009c, NCTCOG 2008