

APPENDIX K

FIGURES

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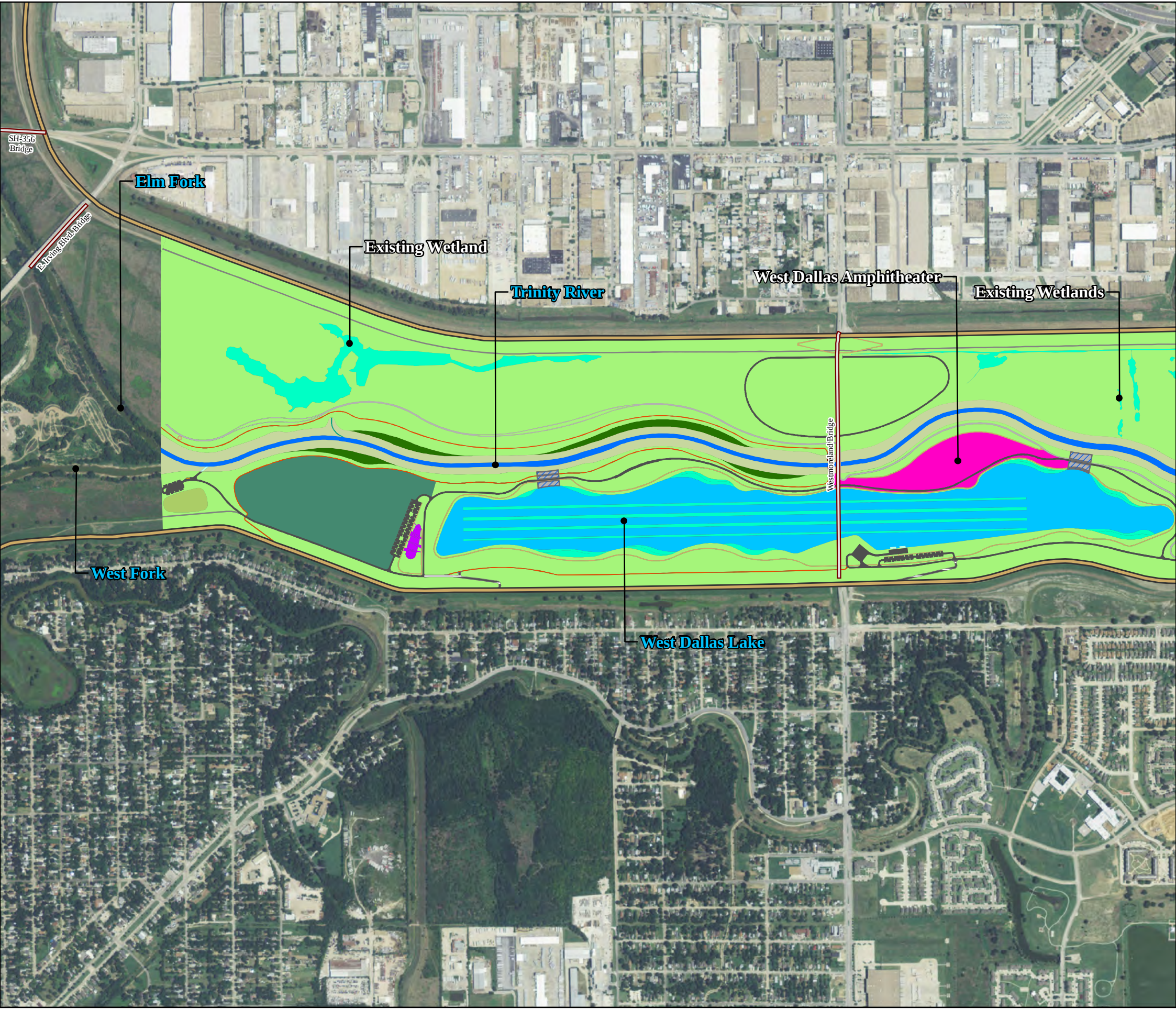
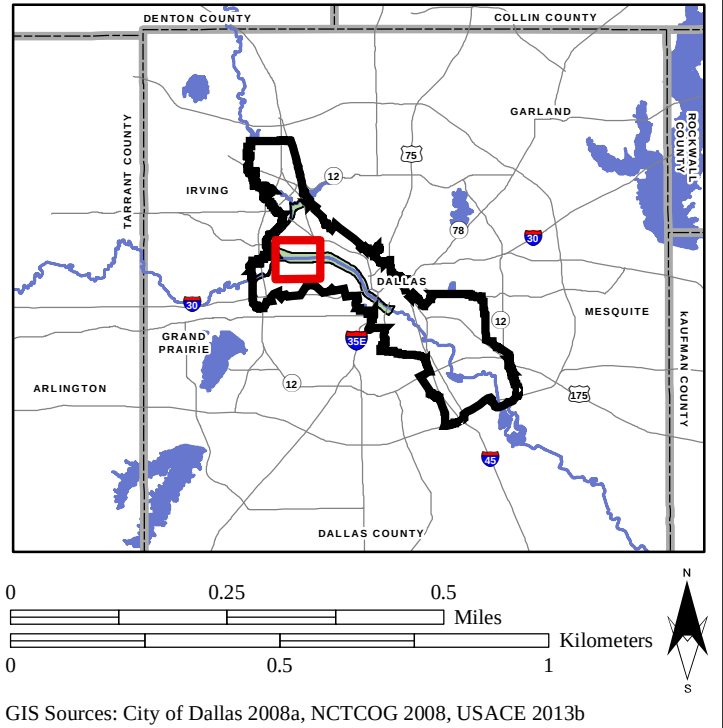
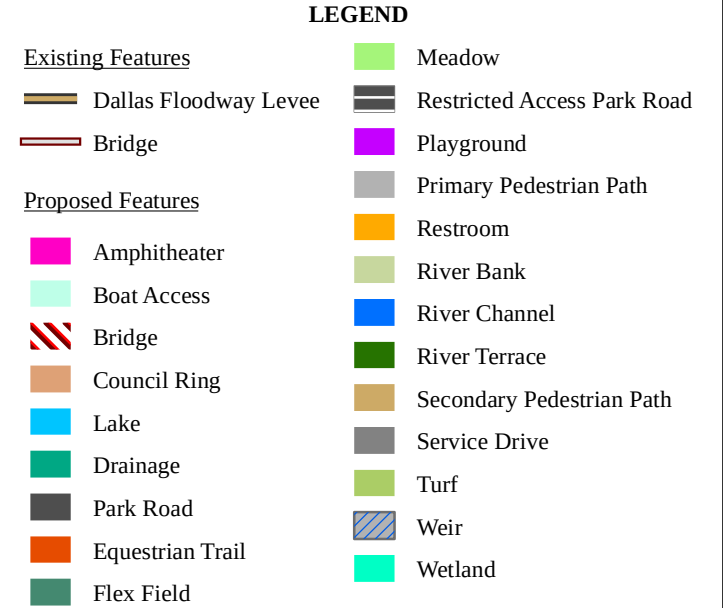


Figure K-1
Proposed BVP Study Ecosystem and Recreation Features:
Northern Segment



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

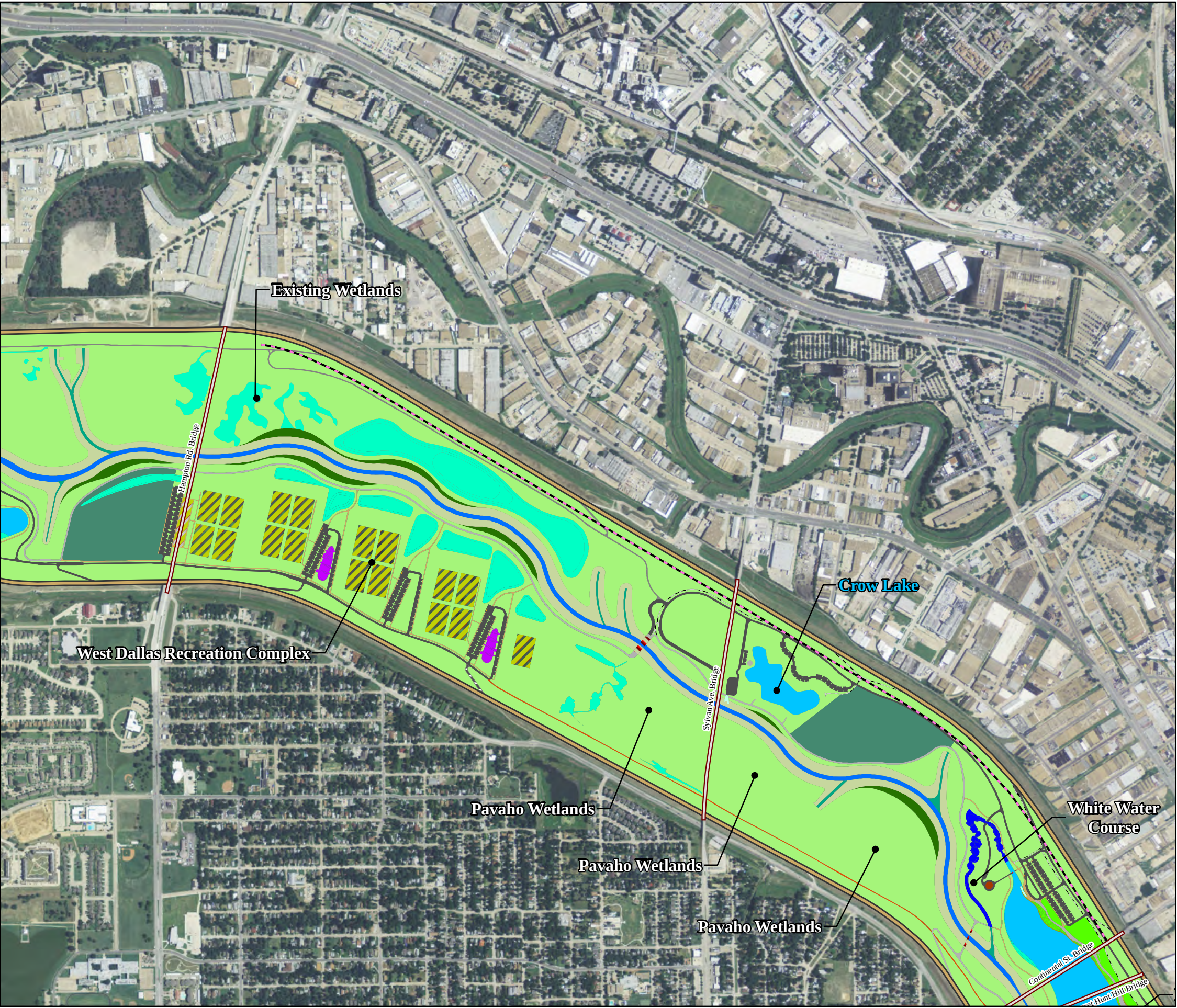
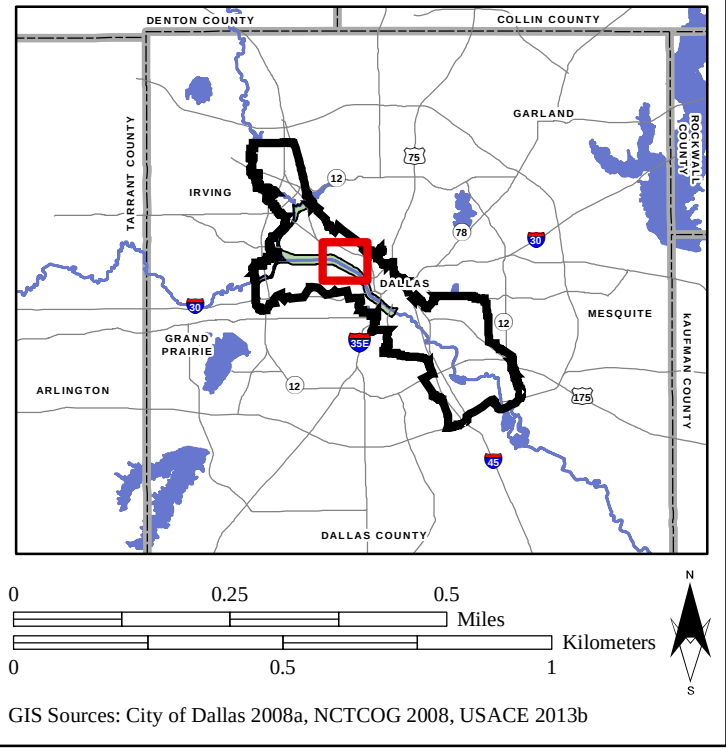
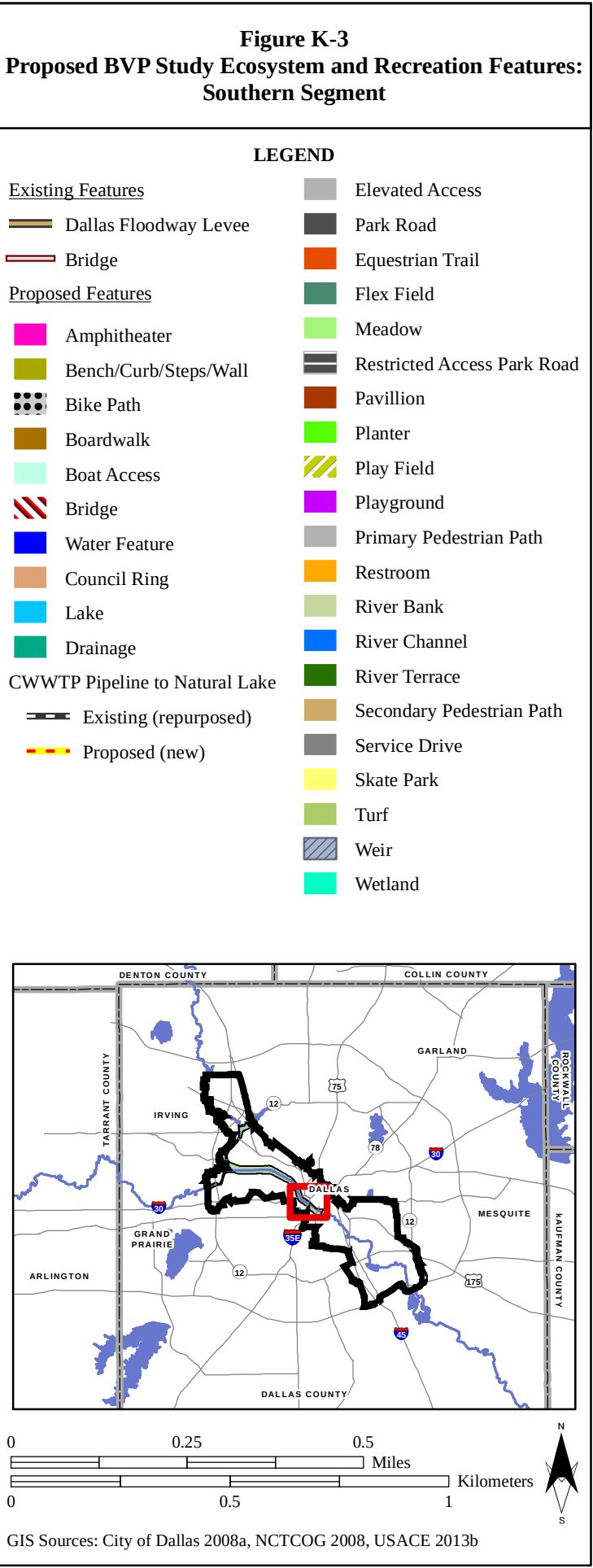
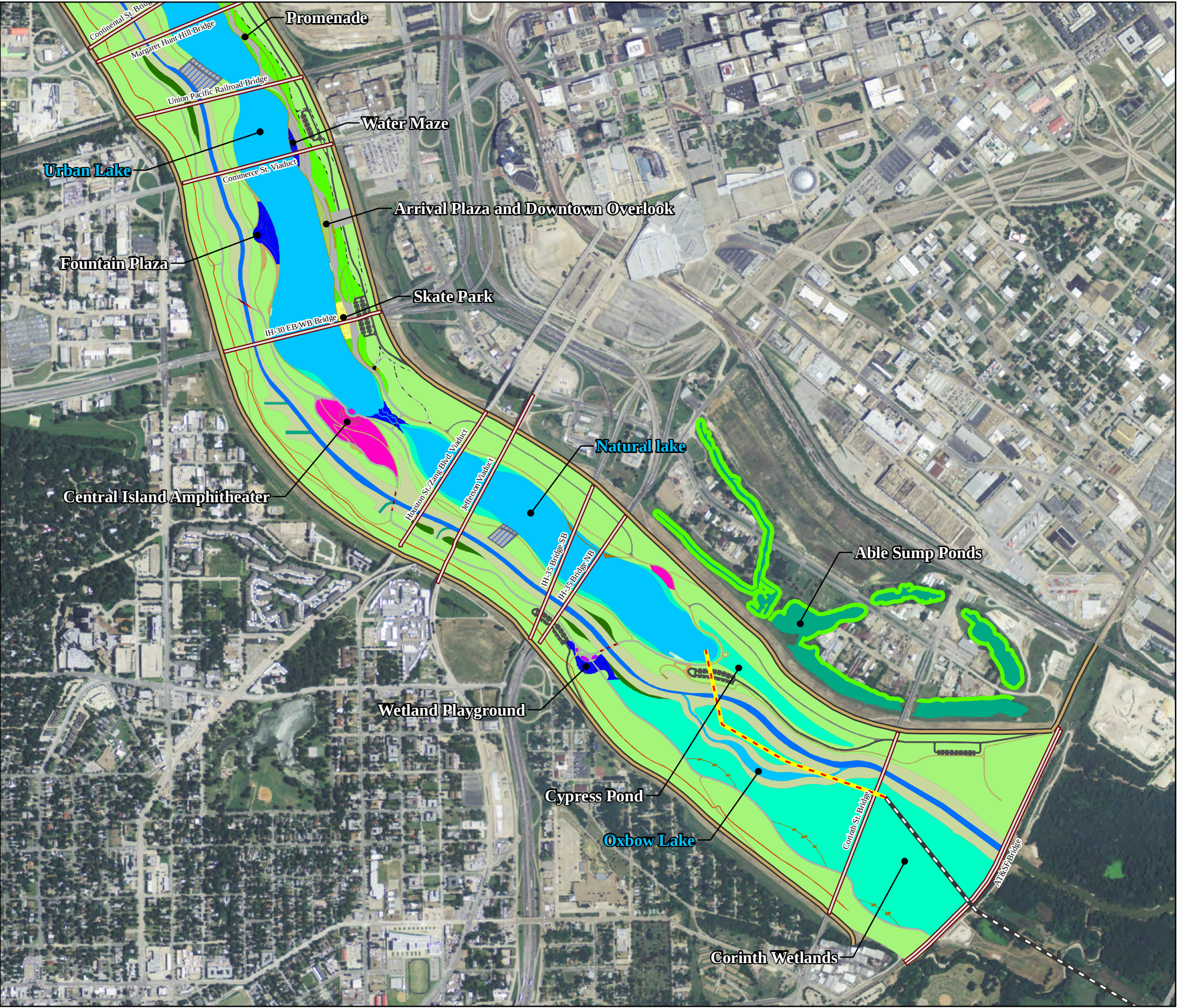


Figure K-2
Proposed BVP Study Ecosystem and Recreation Features:
Middle Segment

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



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



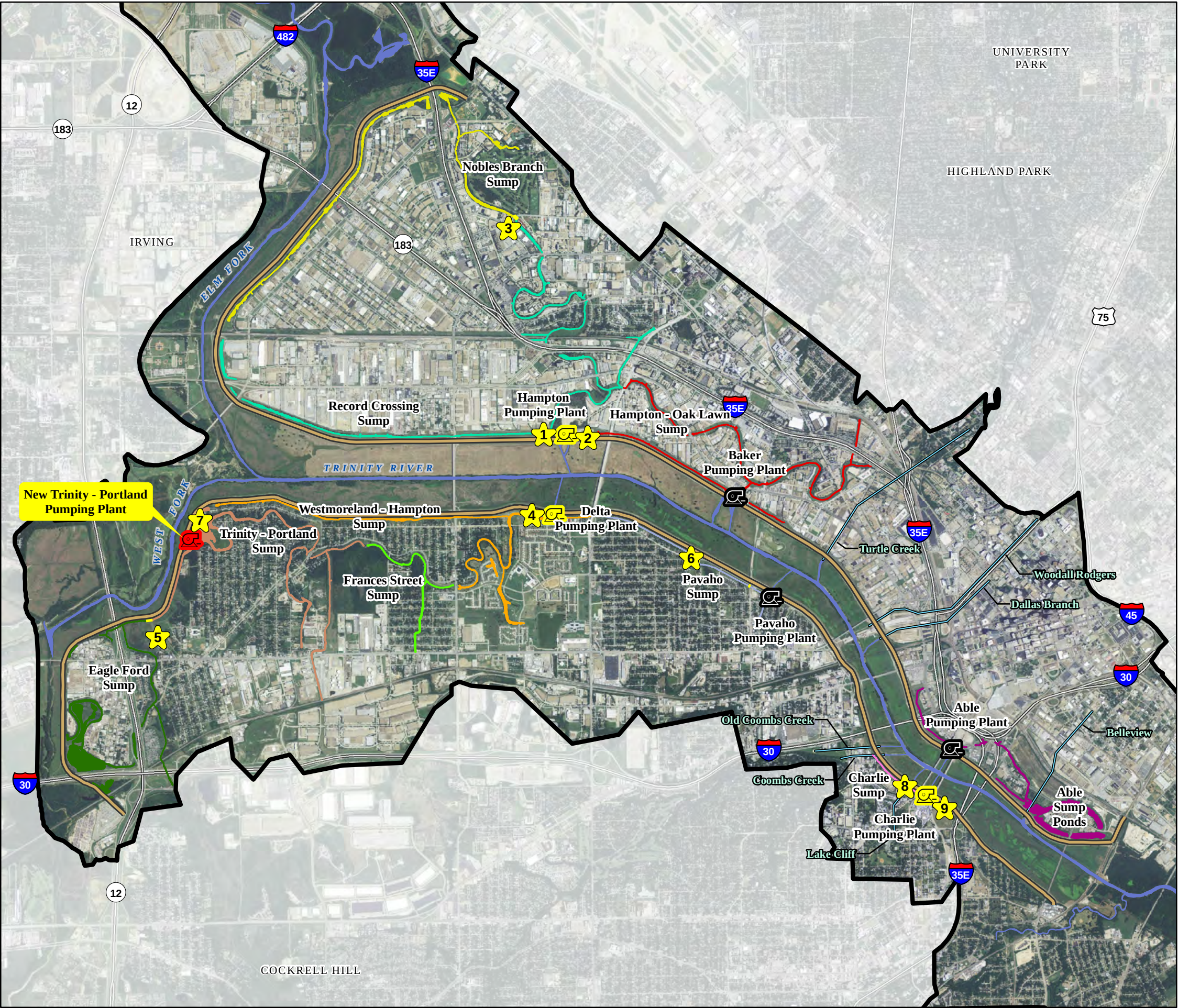


Figure K-4
Proposed Interior Drainage Plan Improvements

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

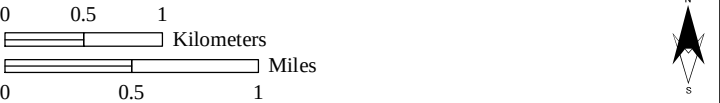
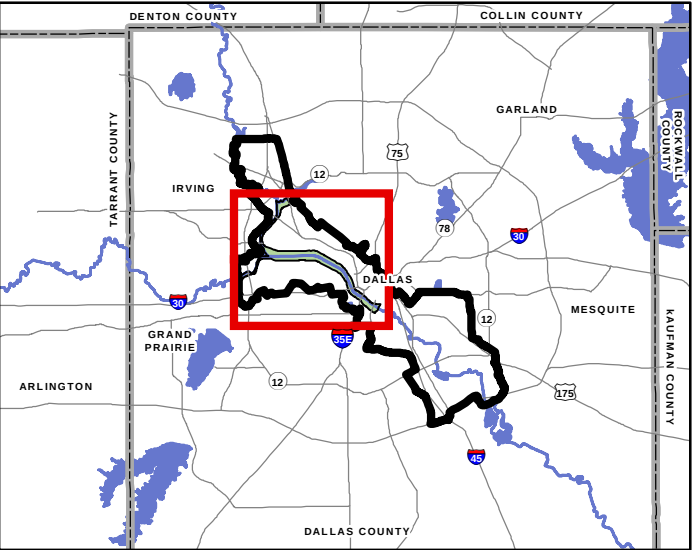
Pavaho

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; Halff 2008; NCTCOG 2008

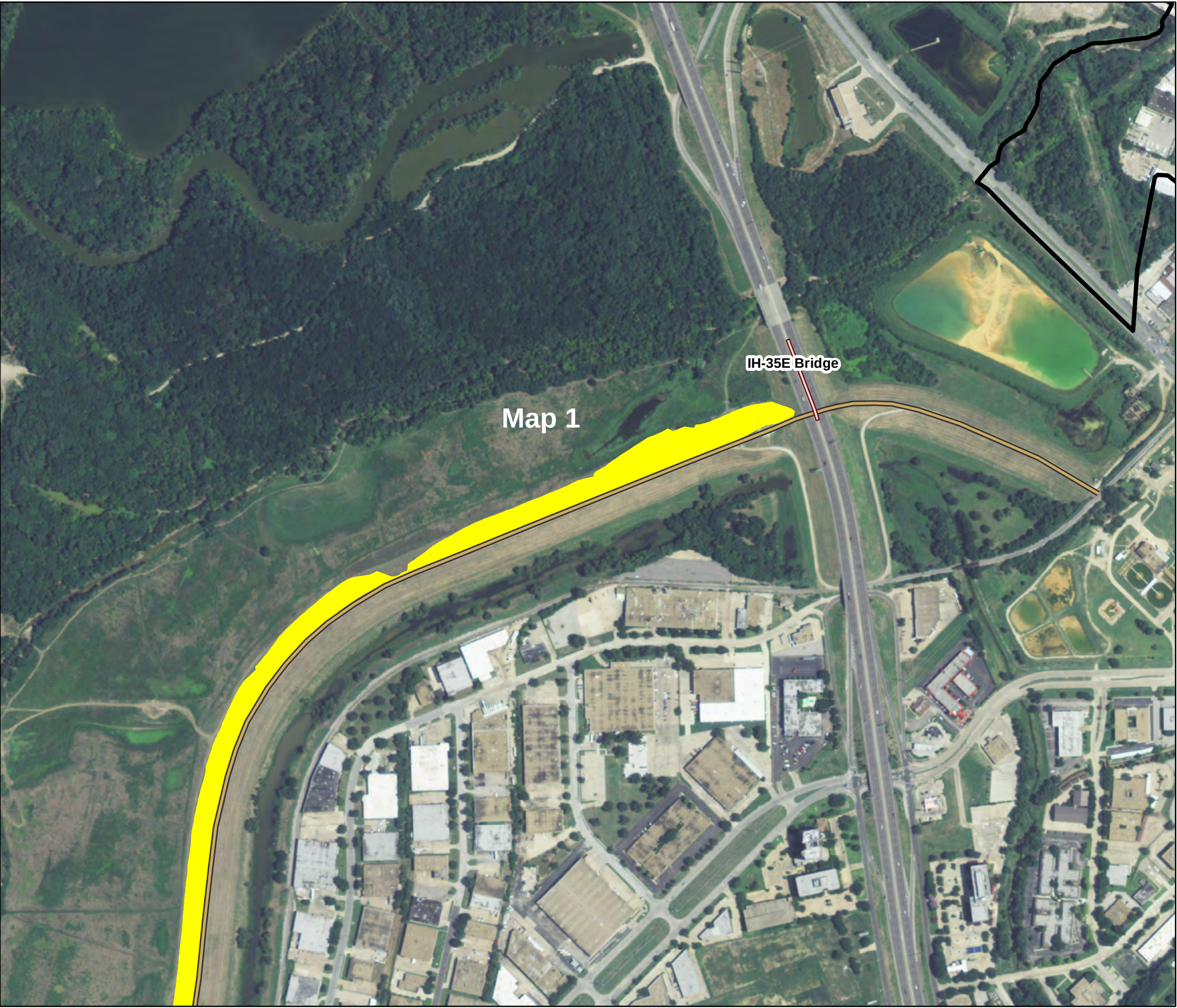
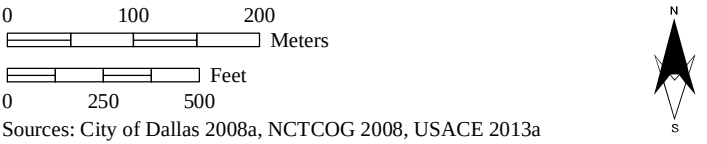
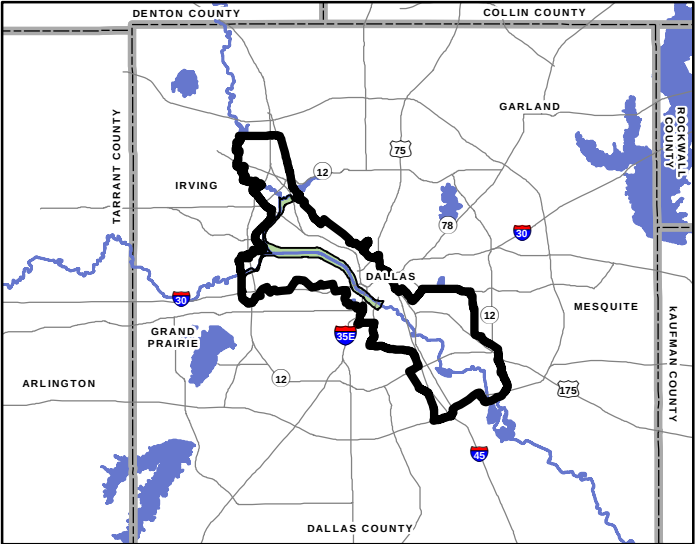
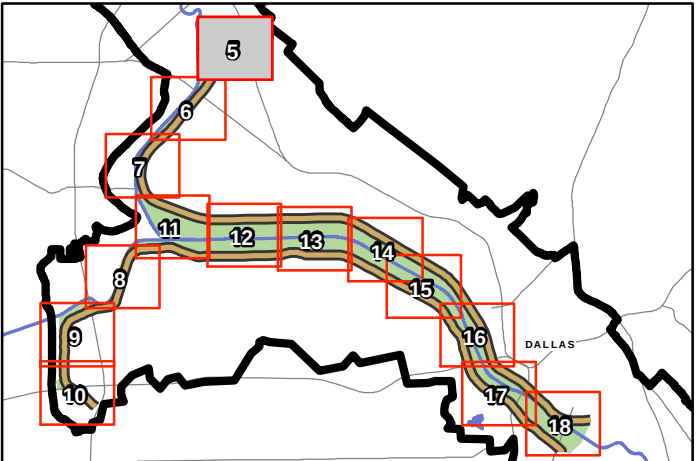


Figure K-5
Detail of FRM-TSP Elements

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



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

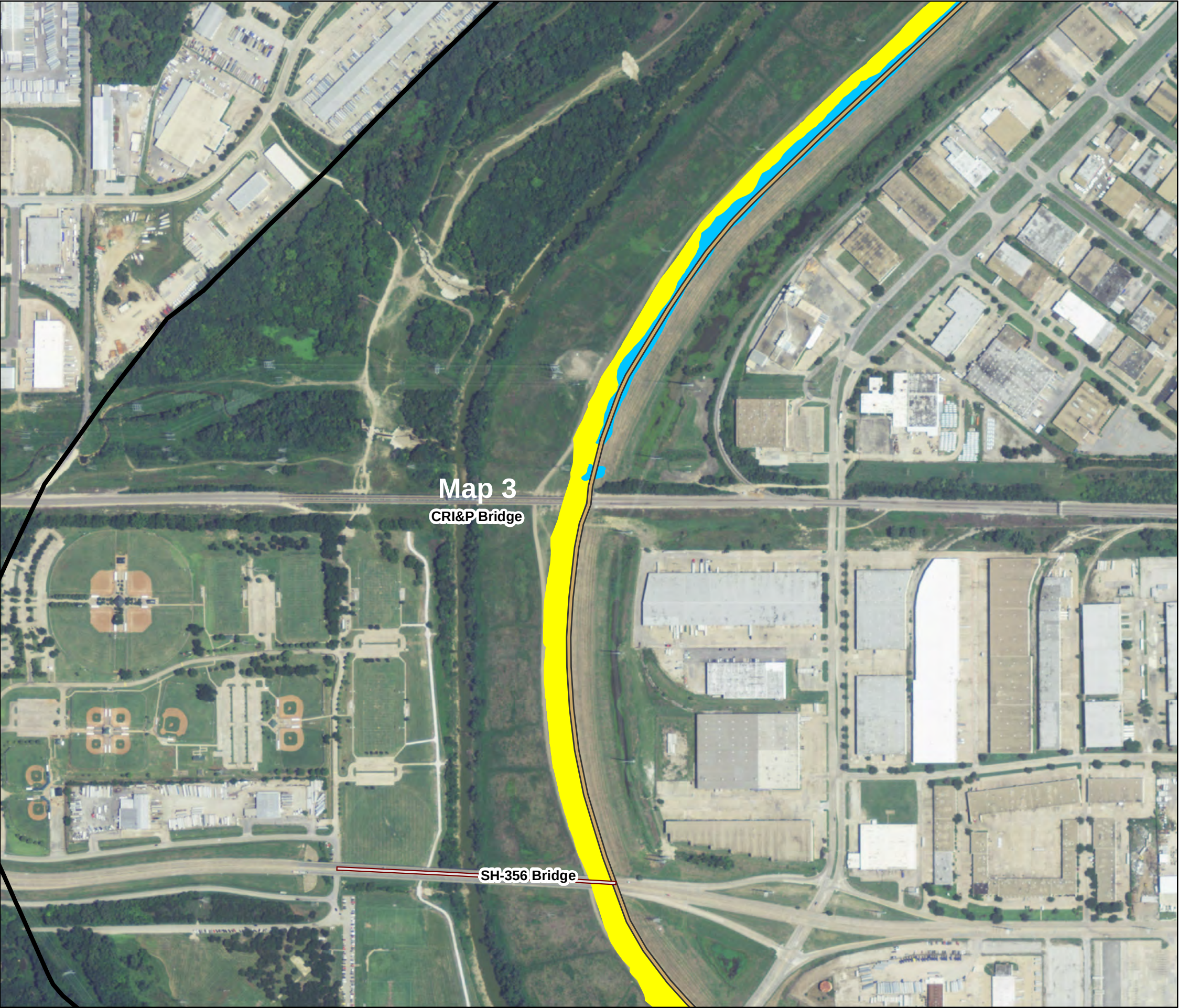


Figure K-7
Detail of FRM-TSP Elements

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

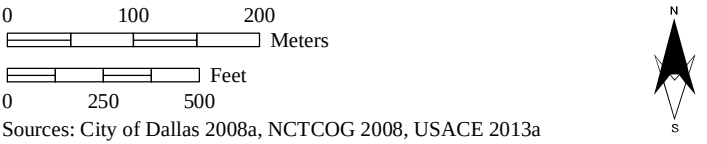
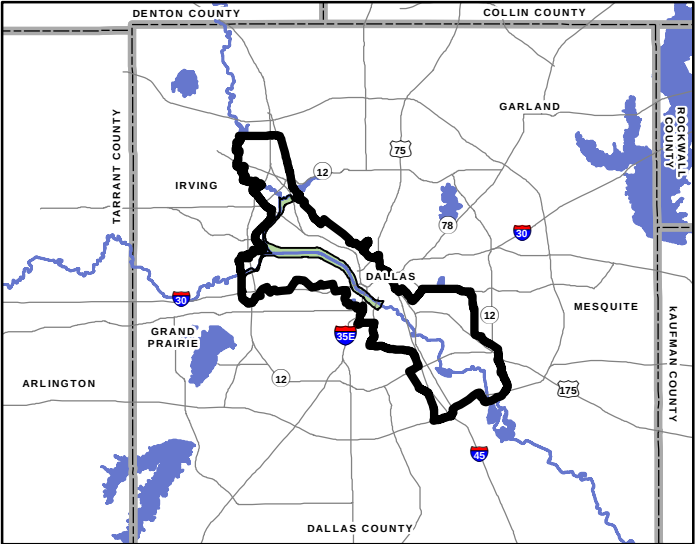
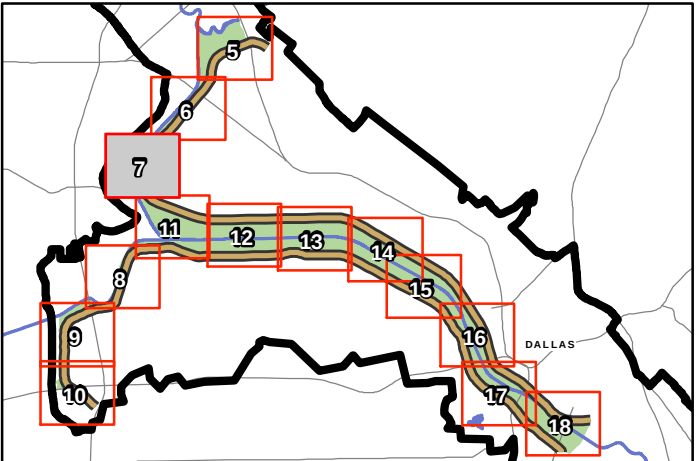
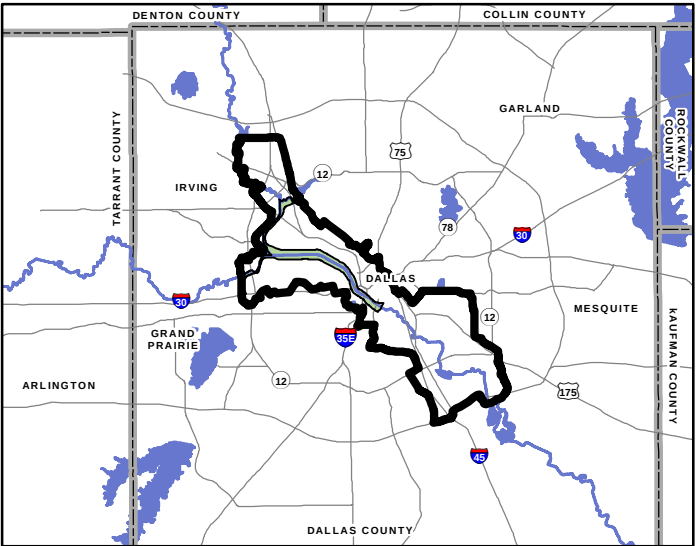
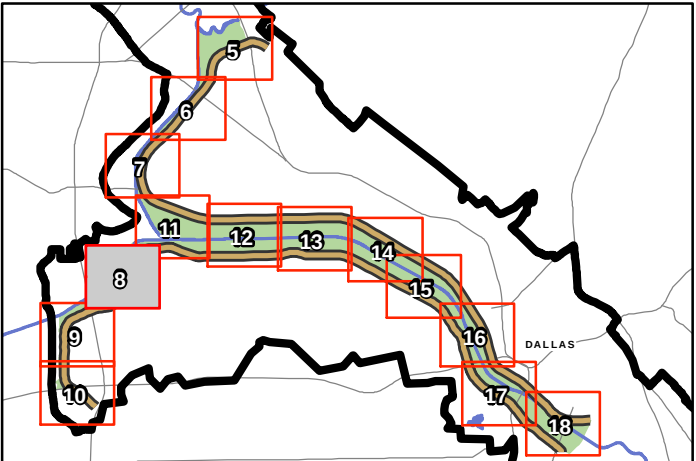




Figure K-8
Detail of FRM-TSP Elements

- 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



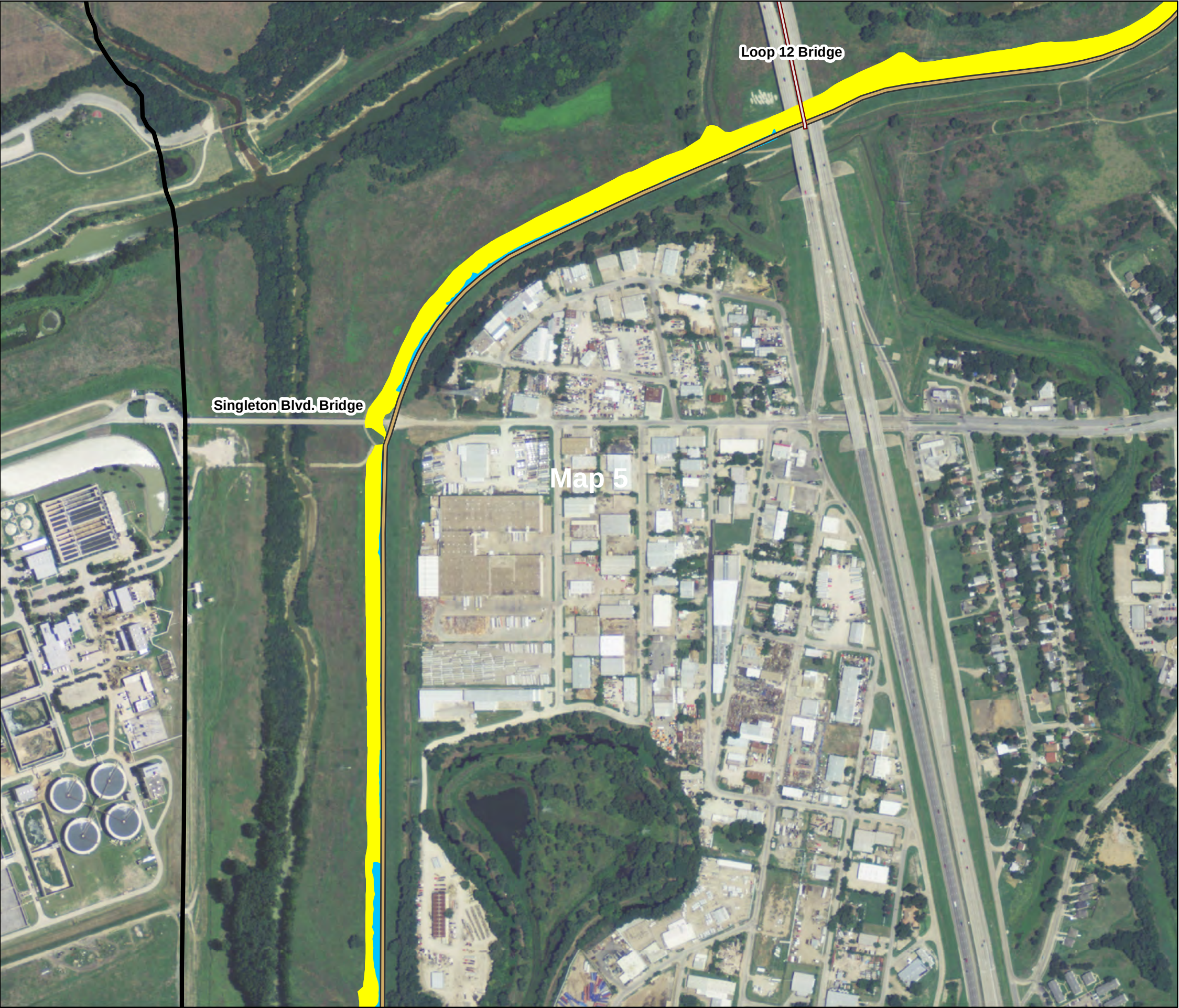


Figure K-9
Detail of FRM-TSP Elements

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

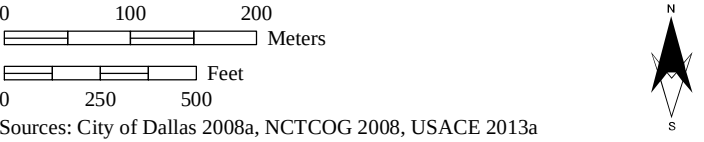
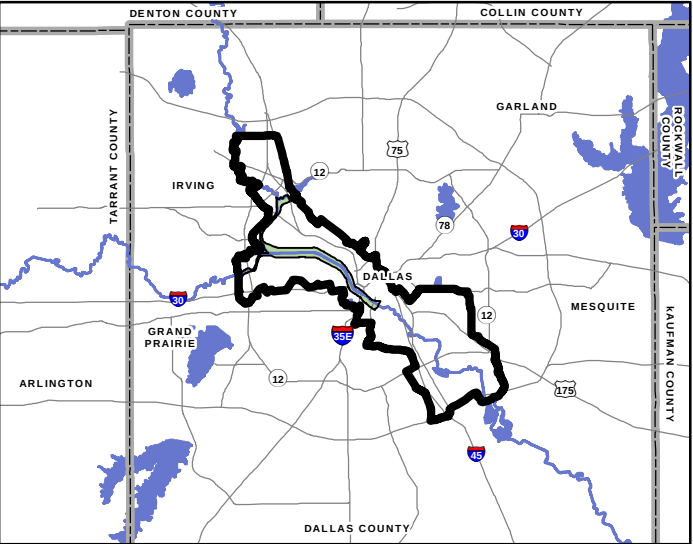
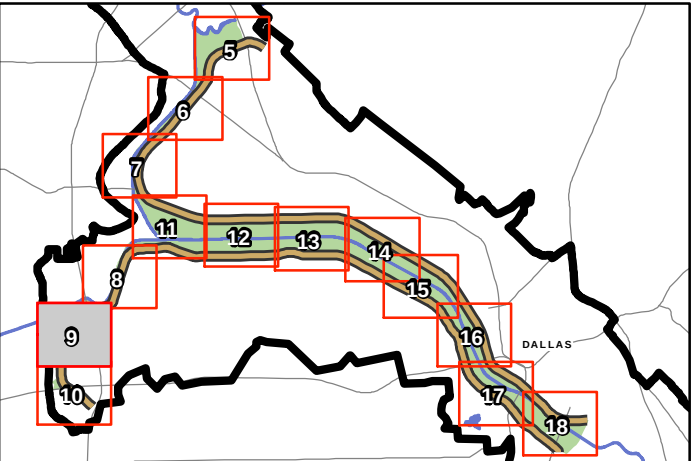




Figure K-10
Detail of FRM-TSP Elements

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

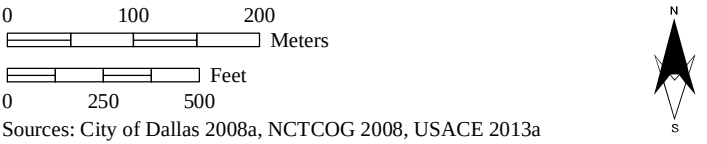
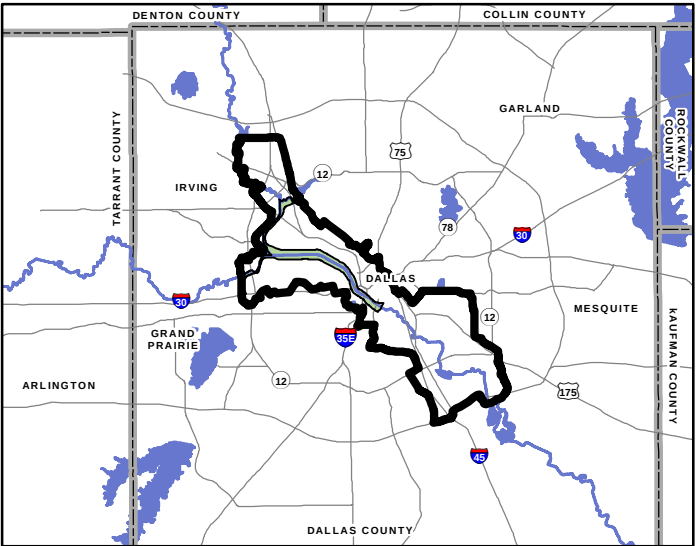
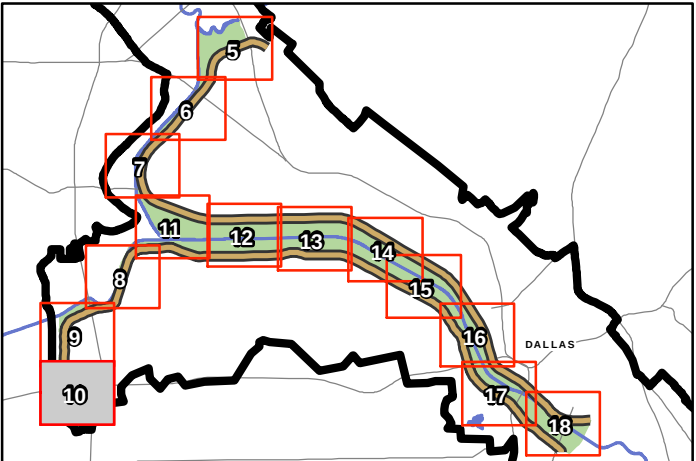
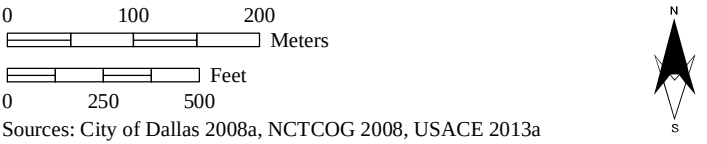
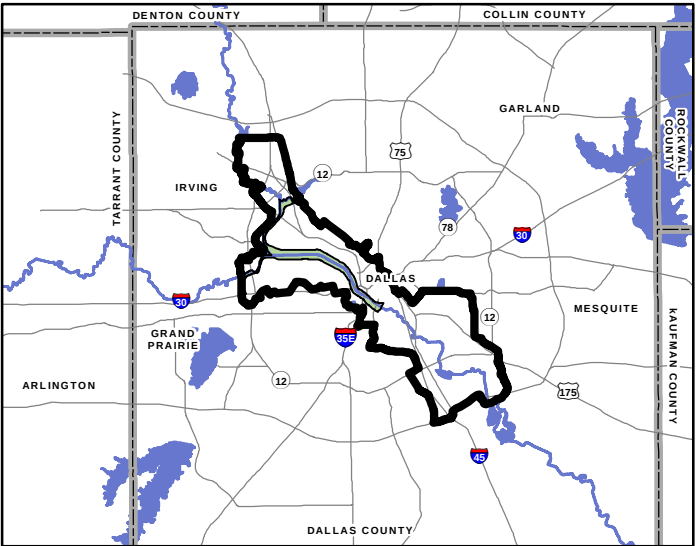
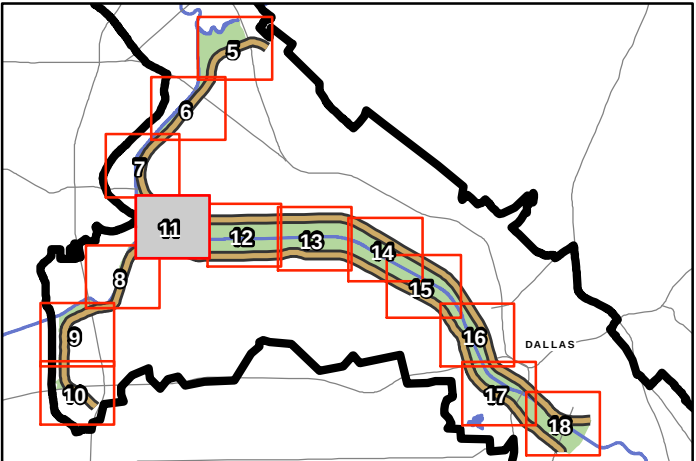




Figure K-11
Detail of FRM-TSP Elements

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



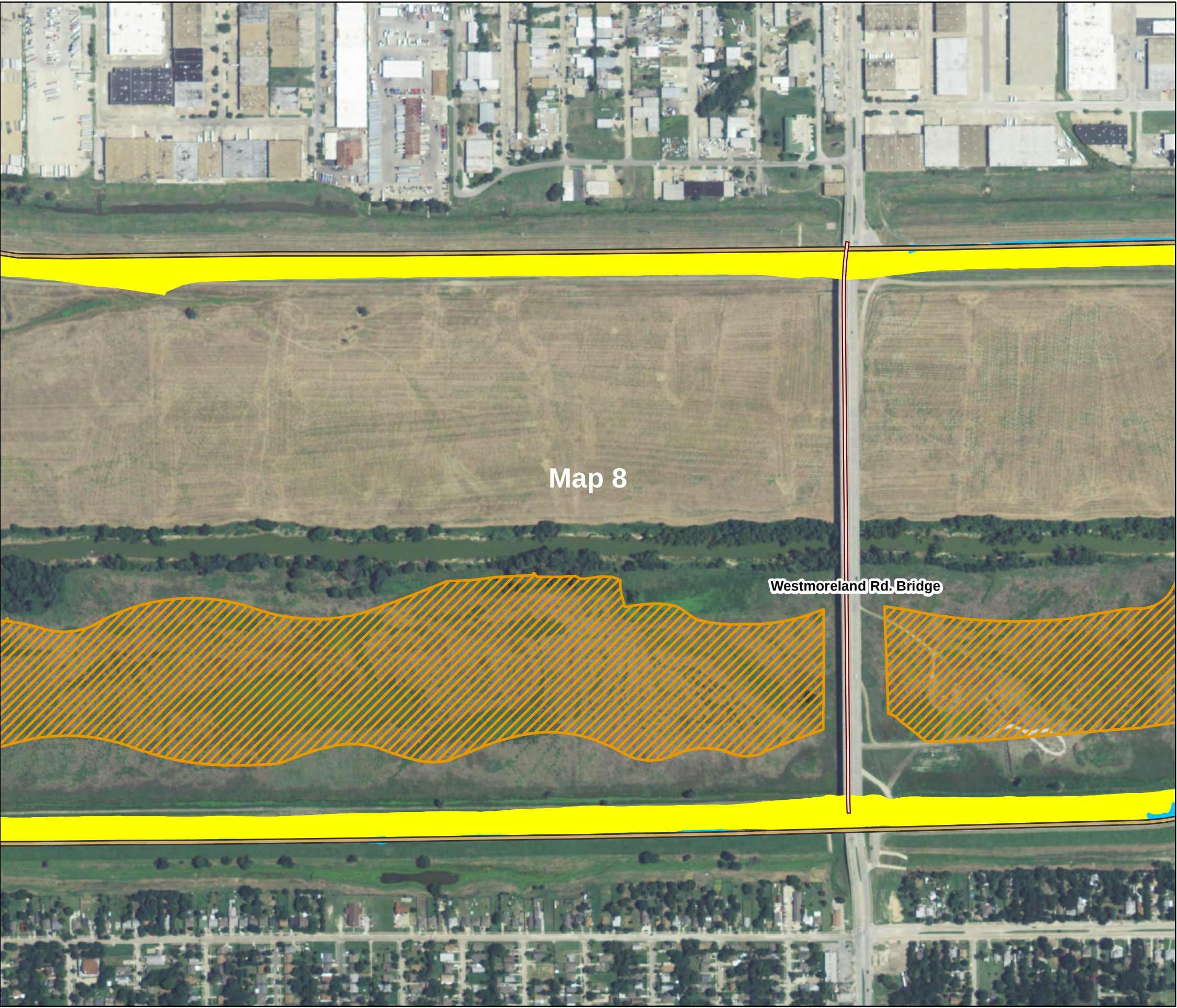
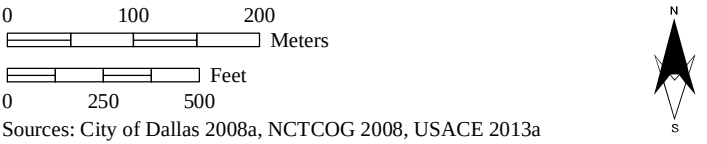
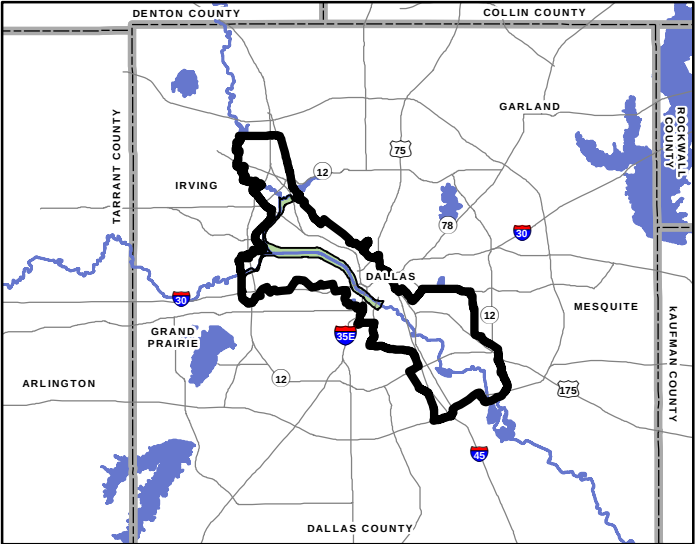
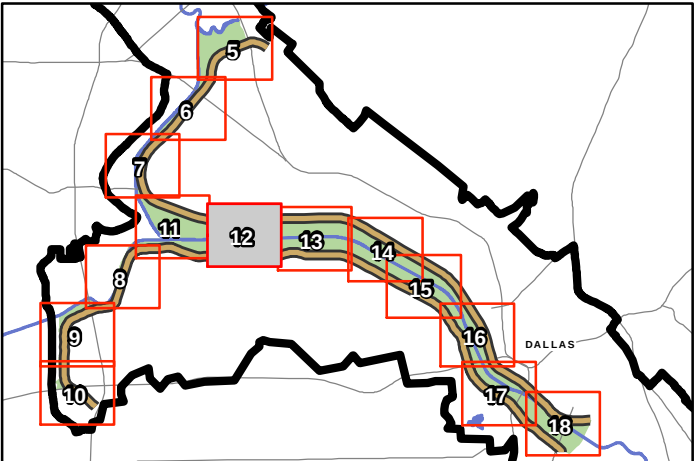


Figure K-12
Detail of FRM-TSP Elements

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



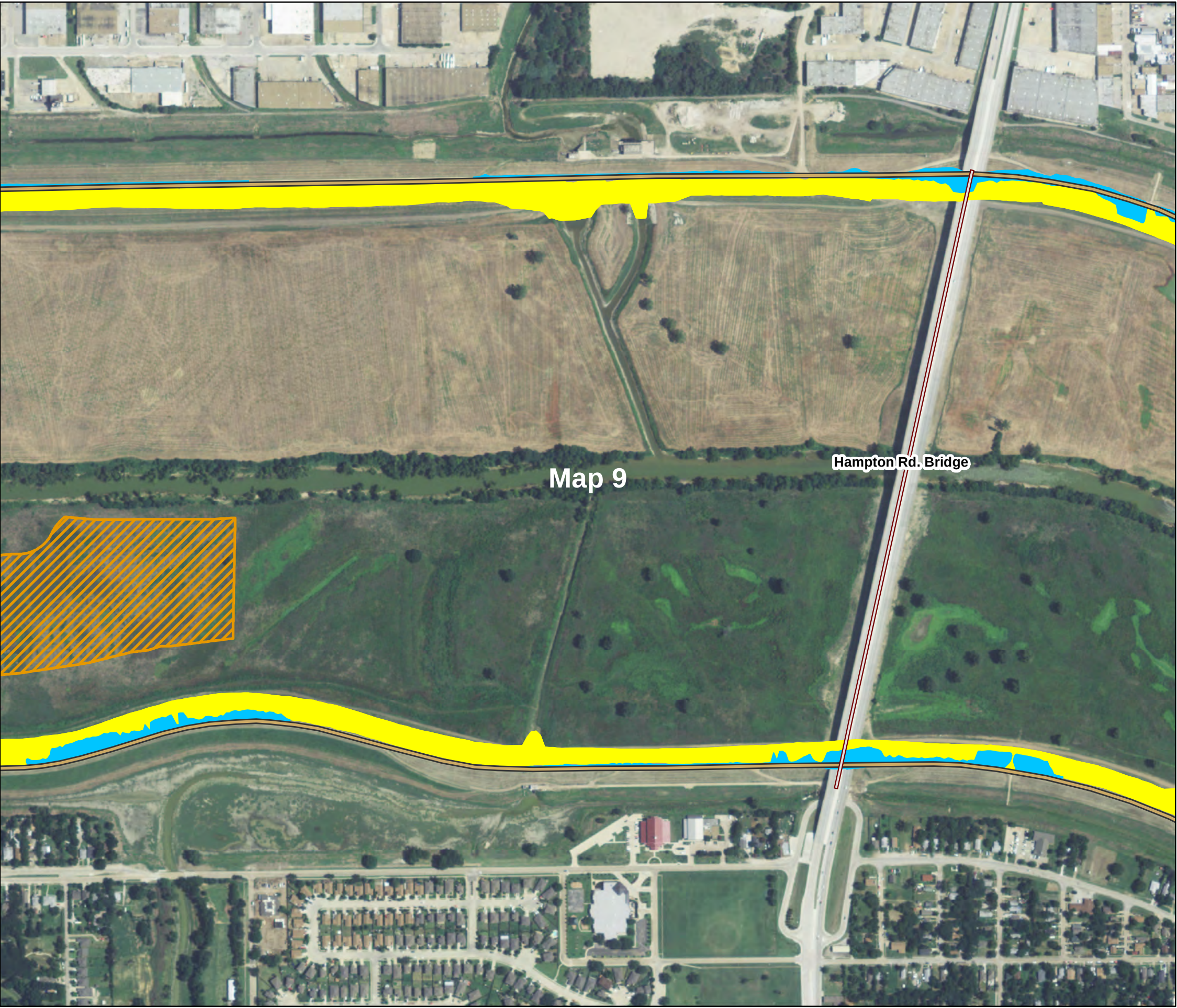
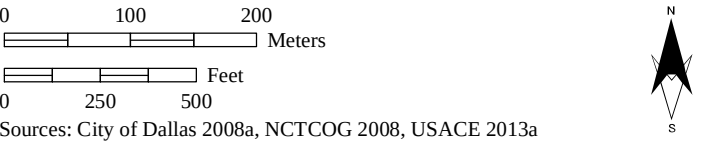
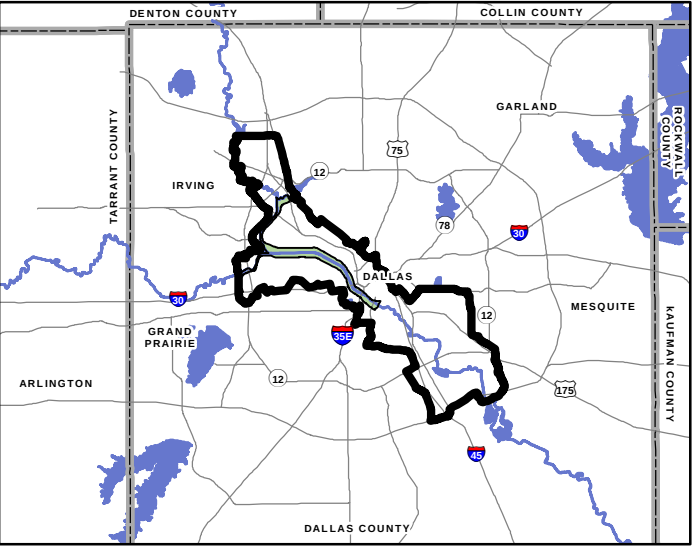
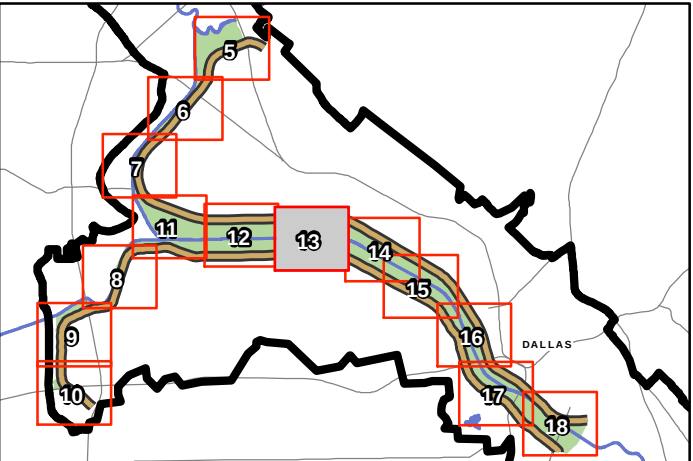


Figure K-13
Detail of FRM-TSP Elements

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



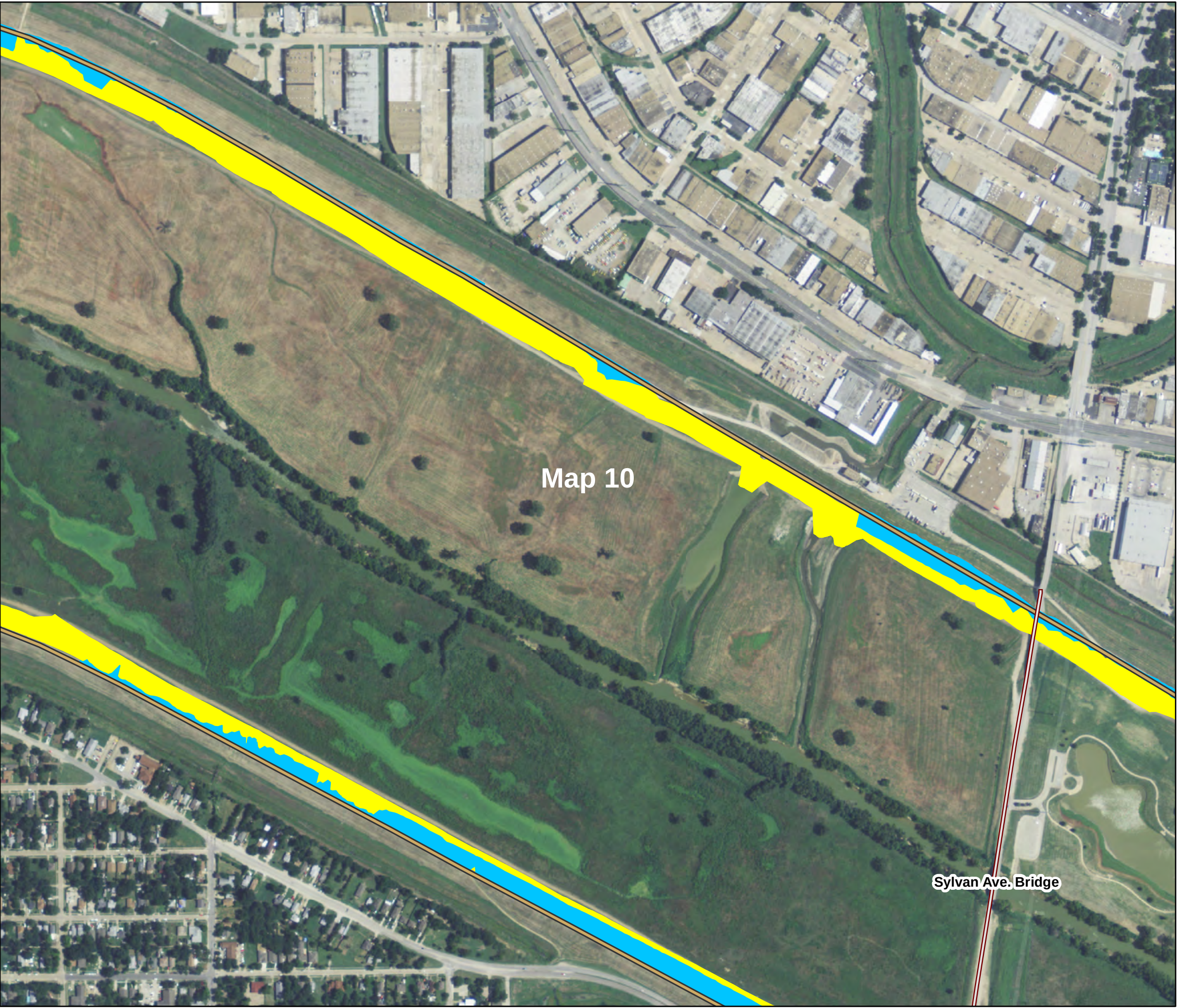
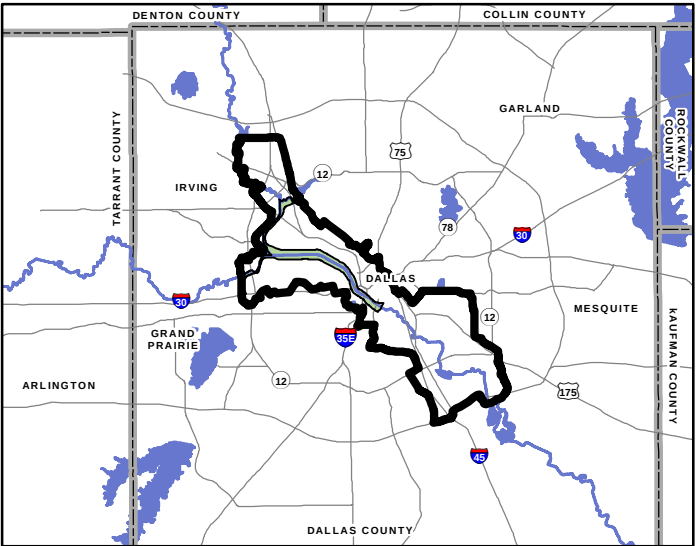
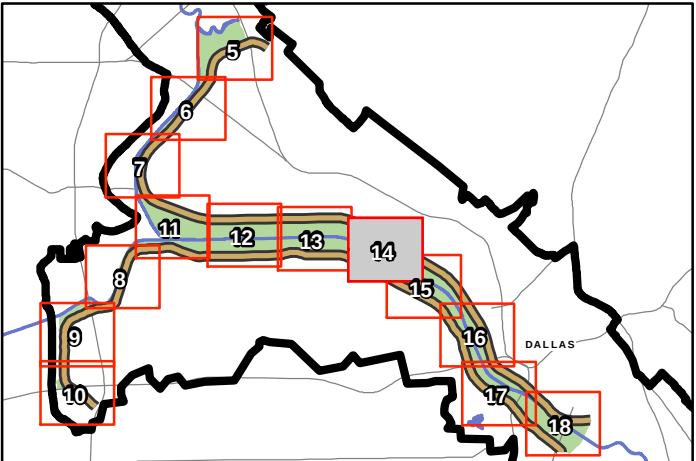


Figure K-14
Detail of FRM-TSP Elements

- 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

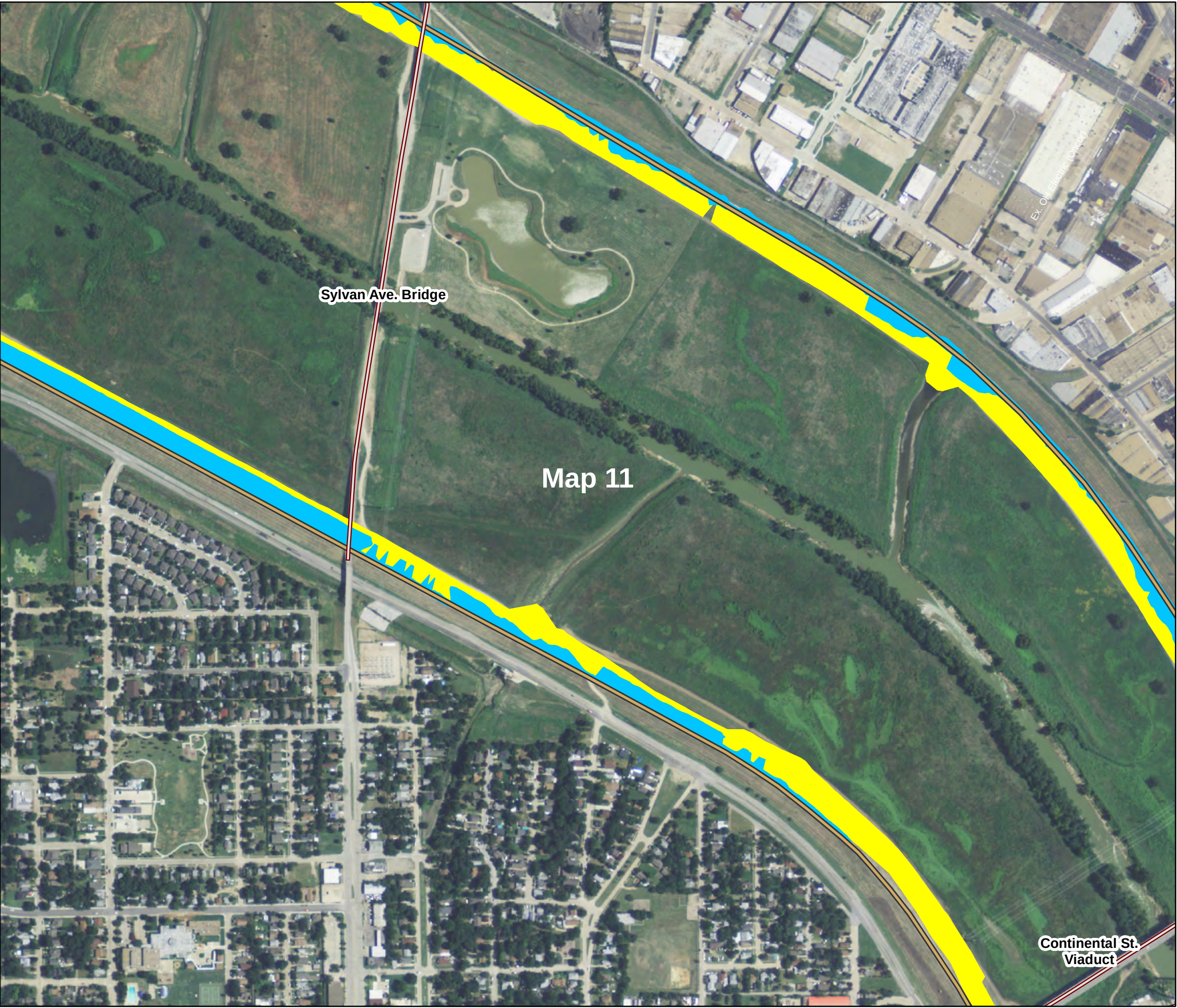


Figure K-15
Detail of FRM-TSP Elements

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

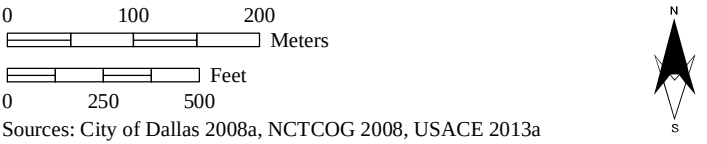
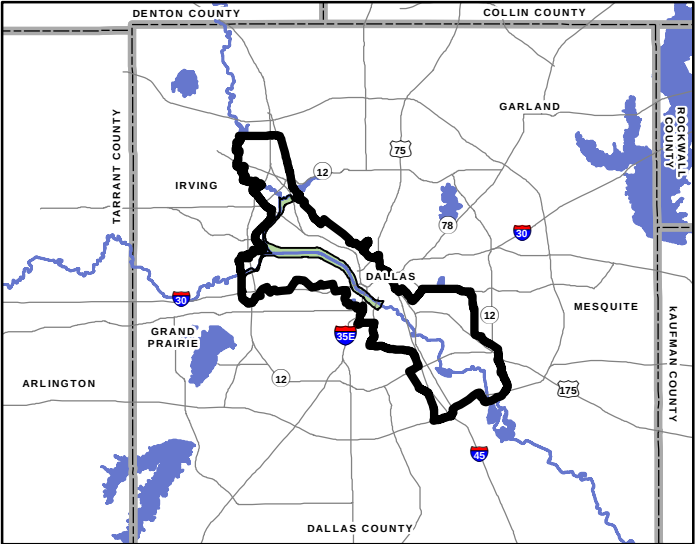
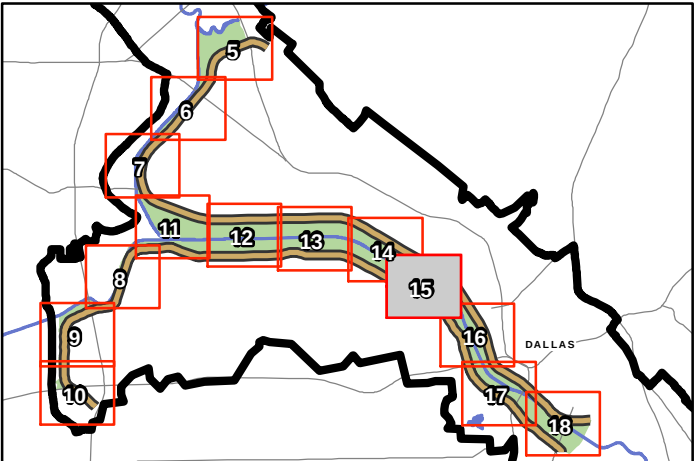




Figure K-16
Detail of FRM-TSP Elements

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

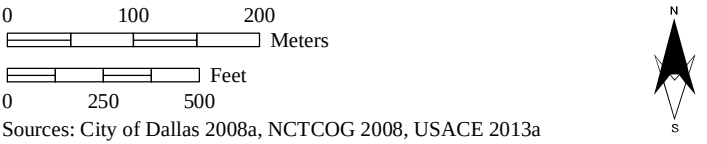
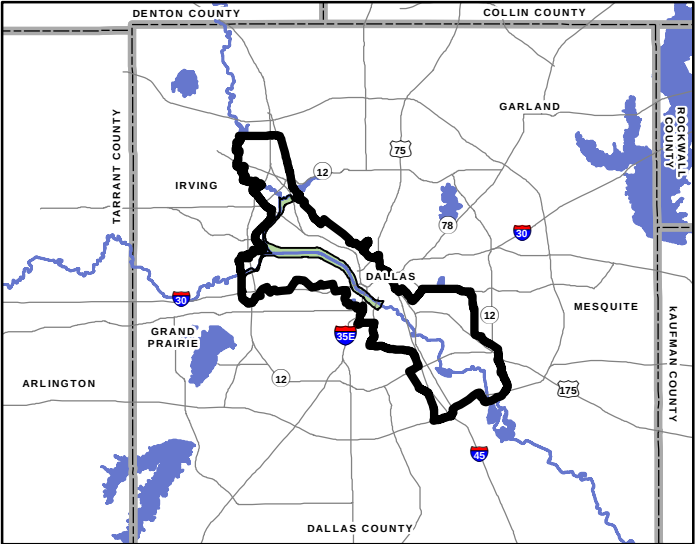
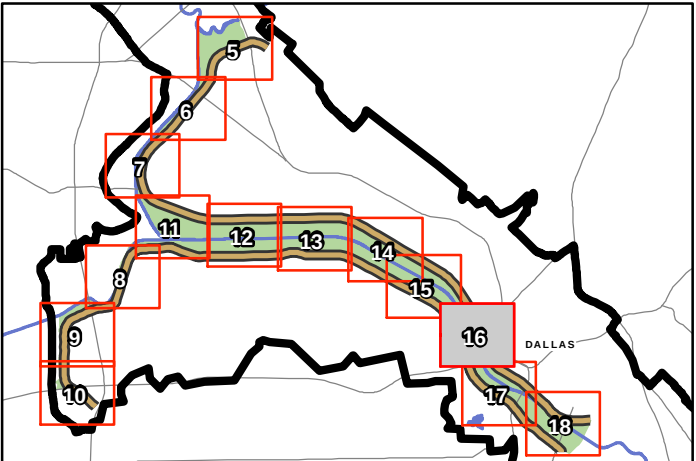




Figure K-17
Detail of FRM-TSP Elements

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

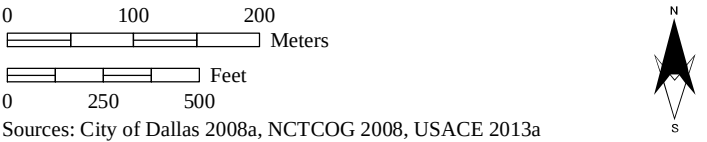
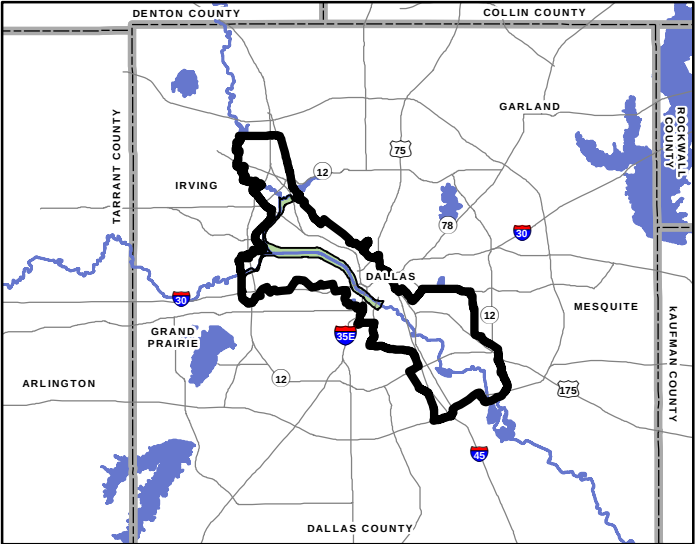
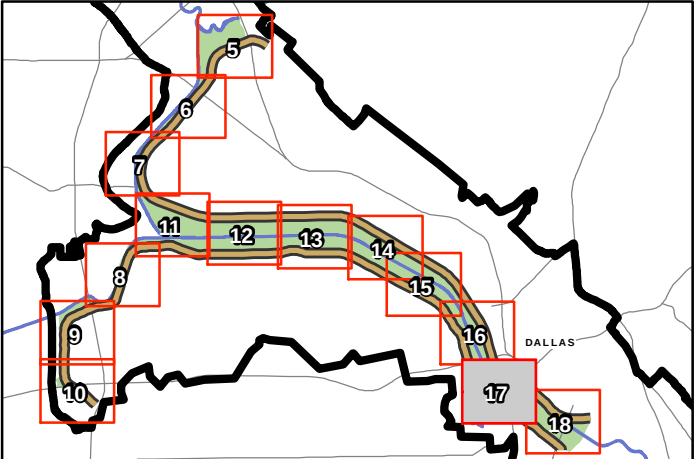
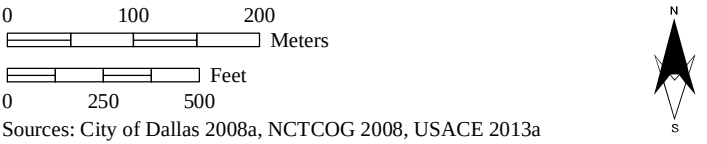
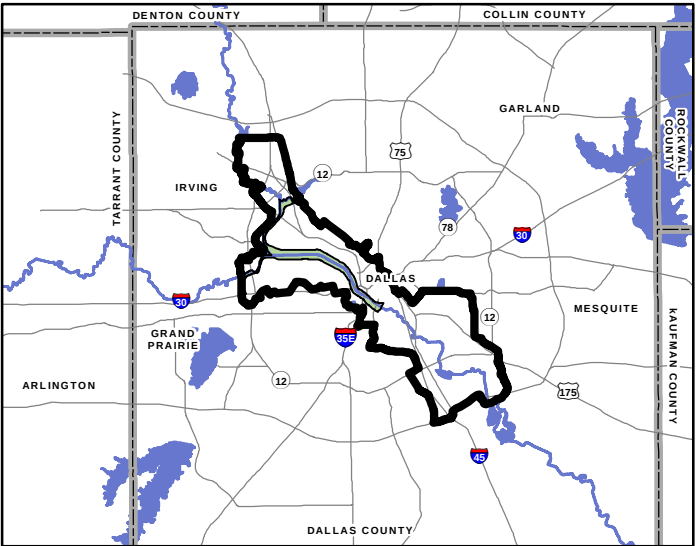
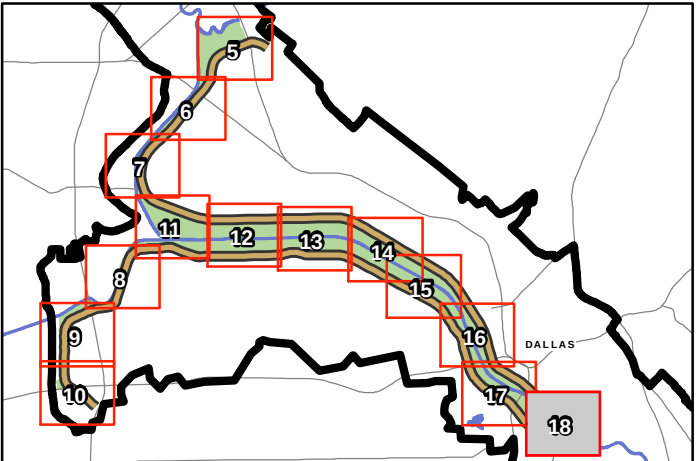




Figure K-18
Detail of FRM-TSP Elements

- 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



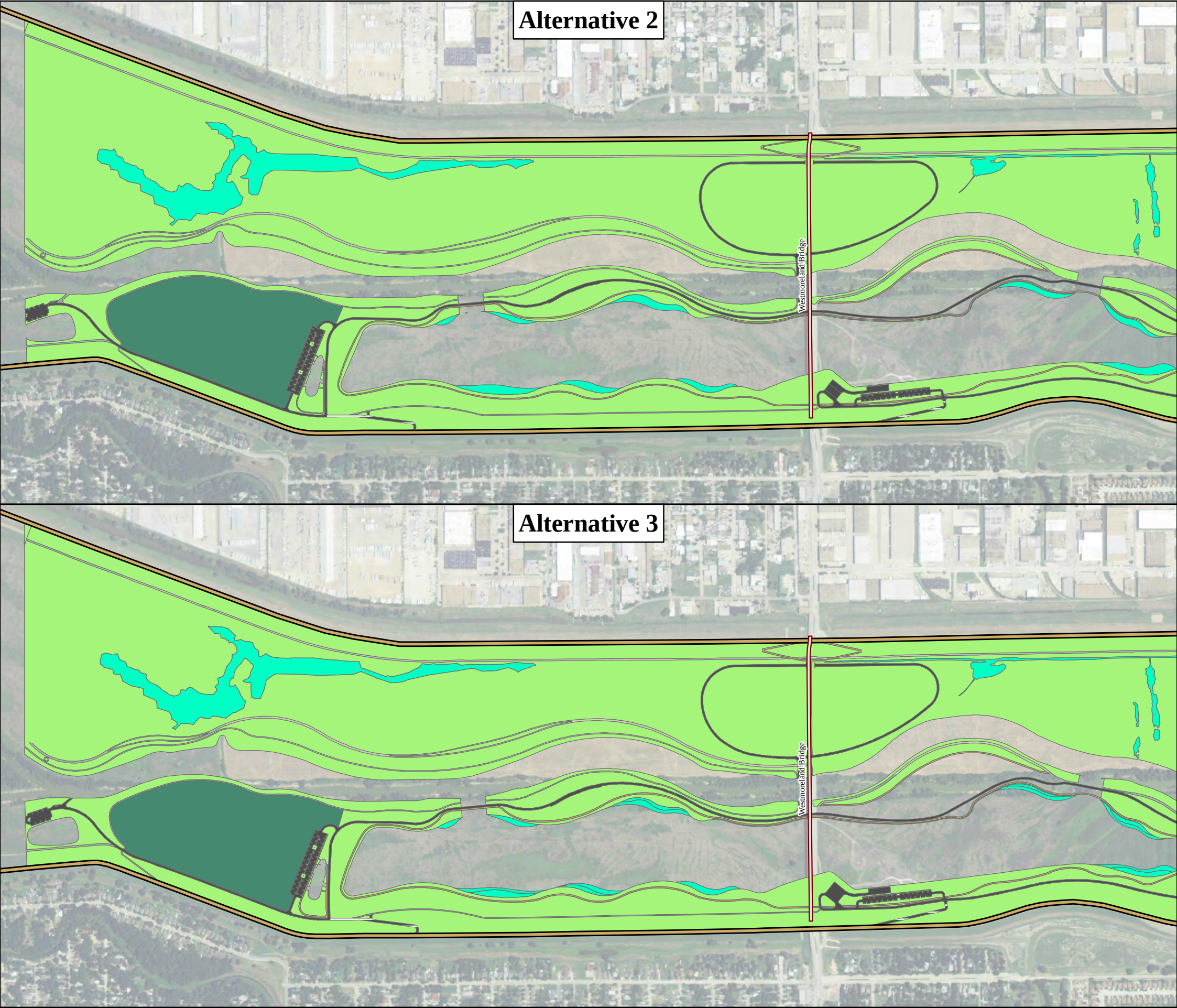


Figure K-19
Differences in BVP Study Ecosystem and Recreation
Features between Alternatives 2 and 3; Segment 1

LEGEND

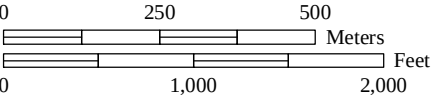
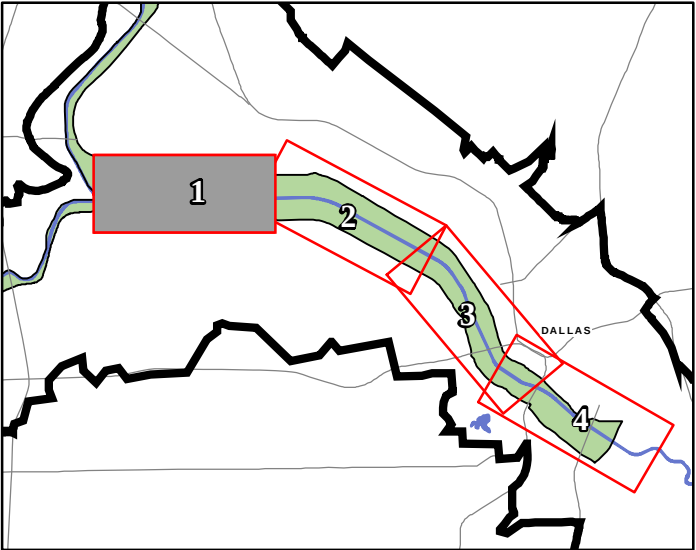
Existing Features

- Dallas Floodway Levee Crest
- Bridge

Proposed Features

- Park Road
- Restricted Access Park Road
- Flex Field
- Meadow
- Secondary Pedestrian Path
- Wetland

Note: There is no change between Alternative 2 and Alternative 3 on this figure



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



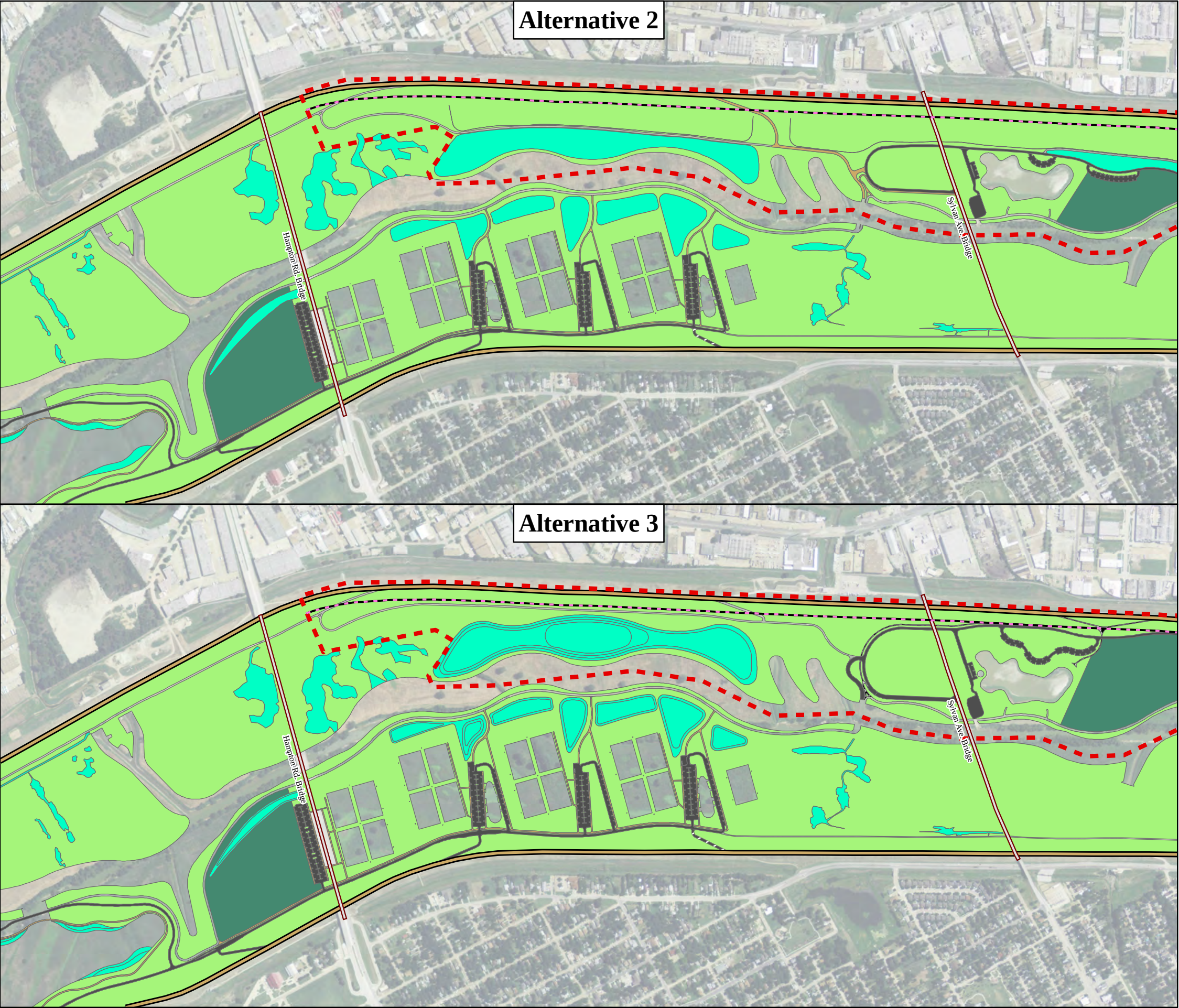
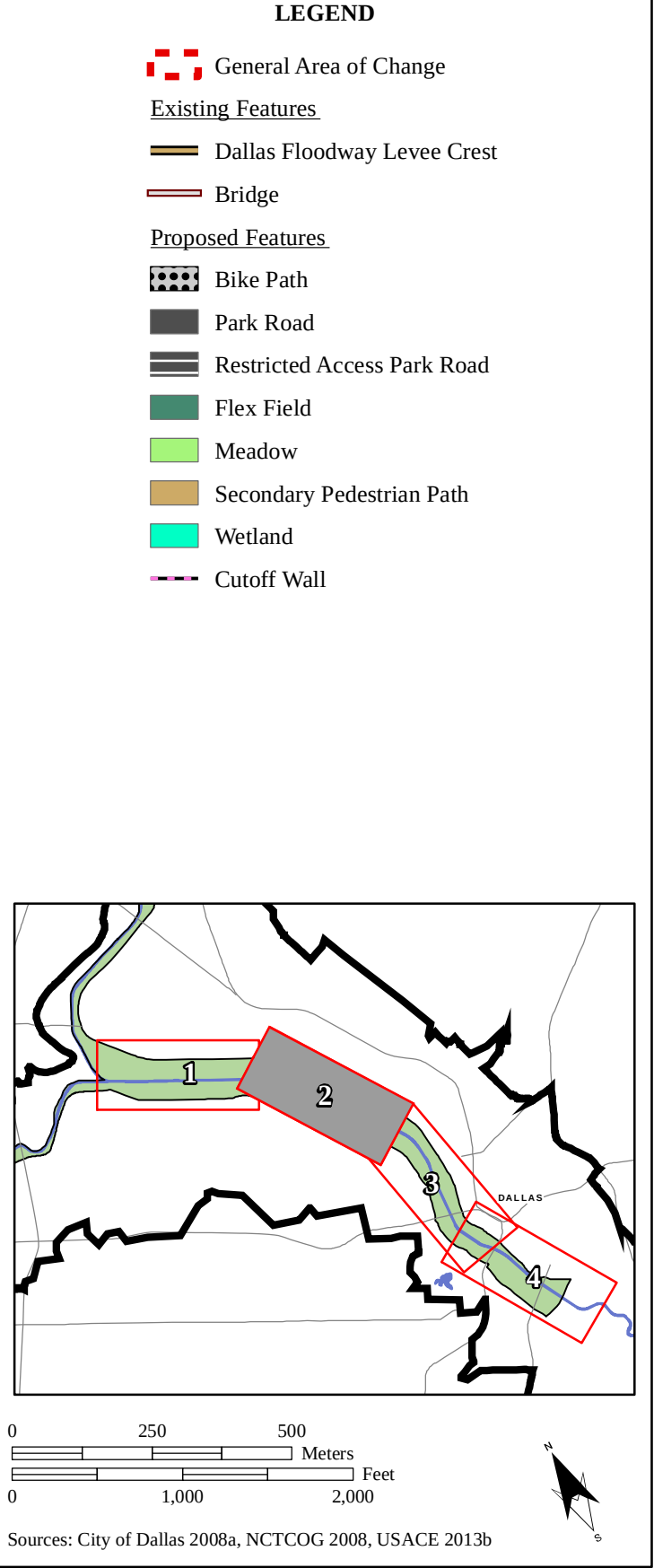


Figure K-20
Differences in BVP Study Ecosystem and Recreation
Features between Alternatives 2 and 3; Segment 2



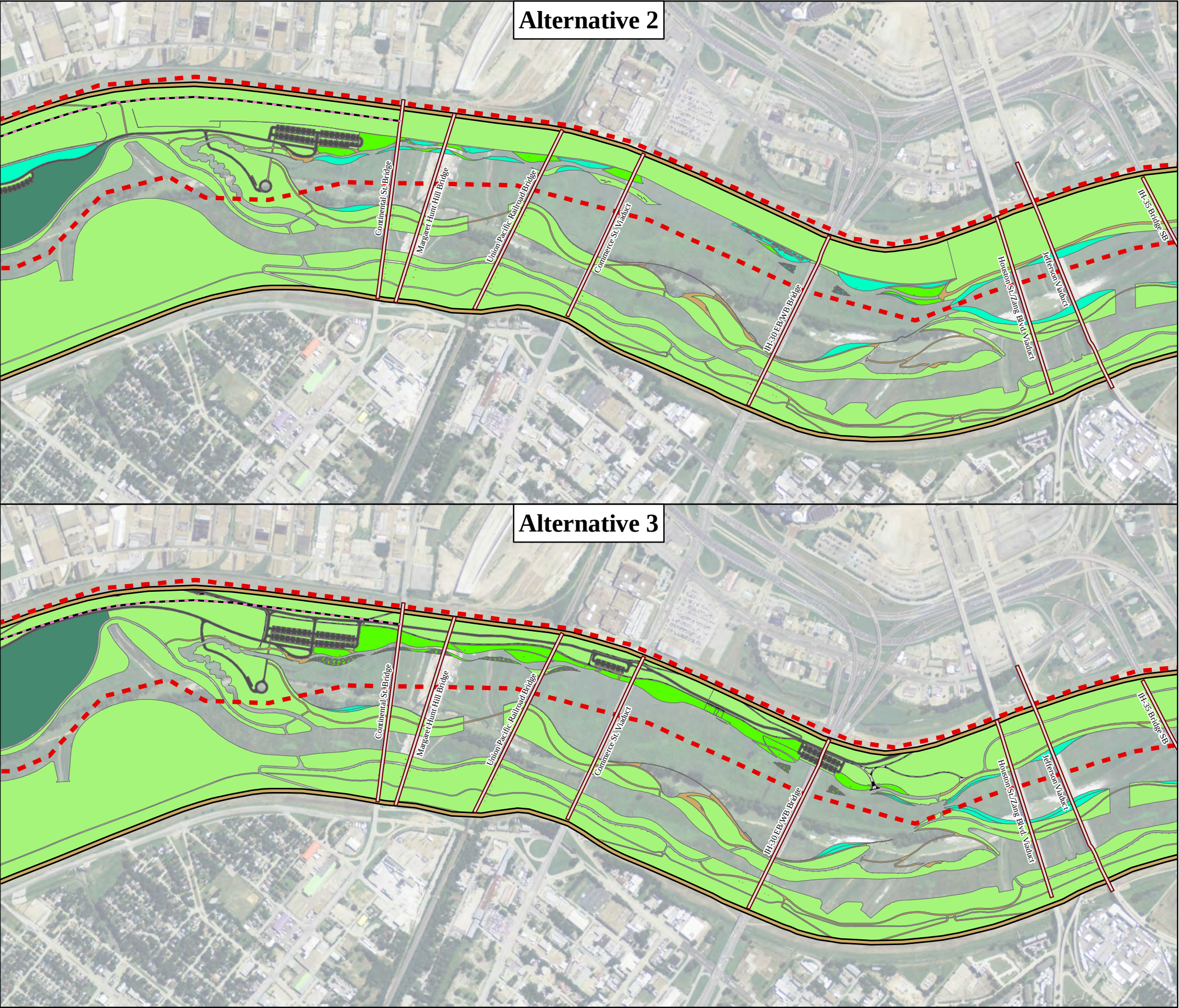
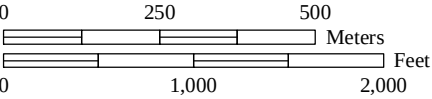
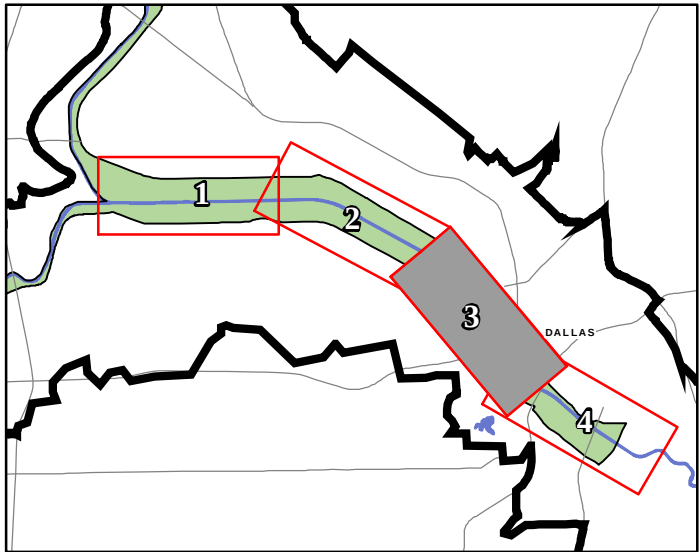


Figure K-21
Differences in BVP Study Ecosystem and Recreation
Features between Alternatives 2 and 3; Segment 3

LEGEND

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



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



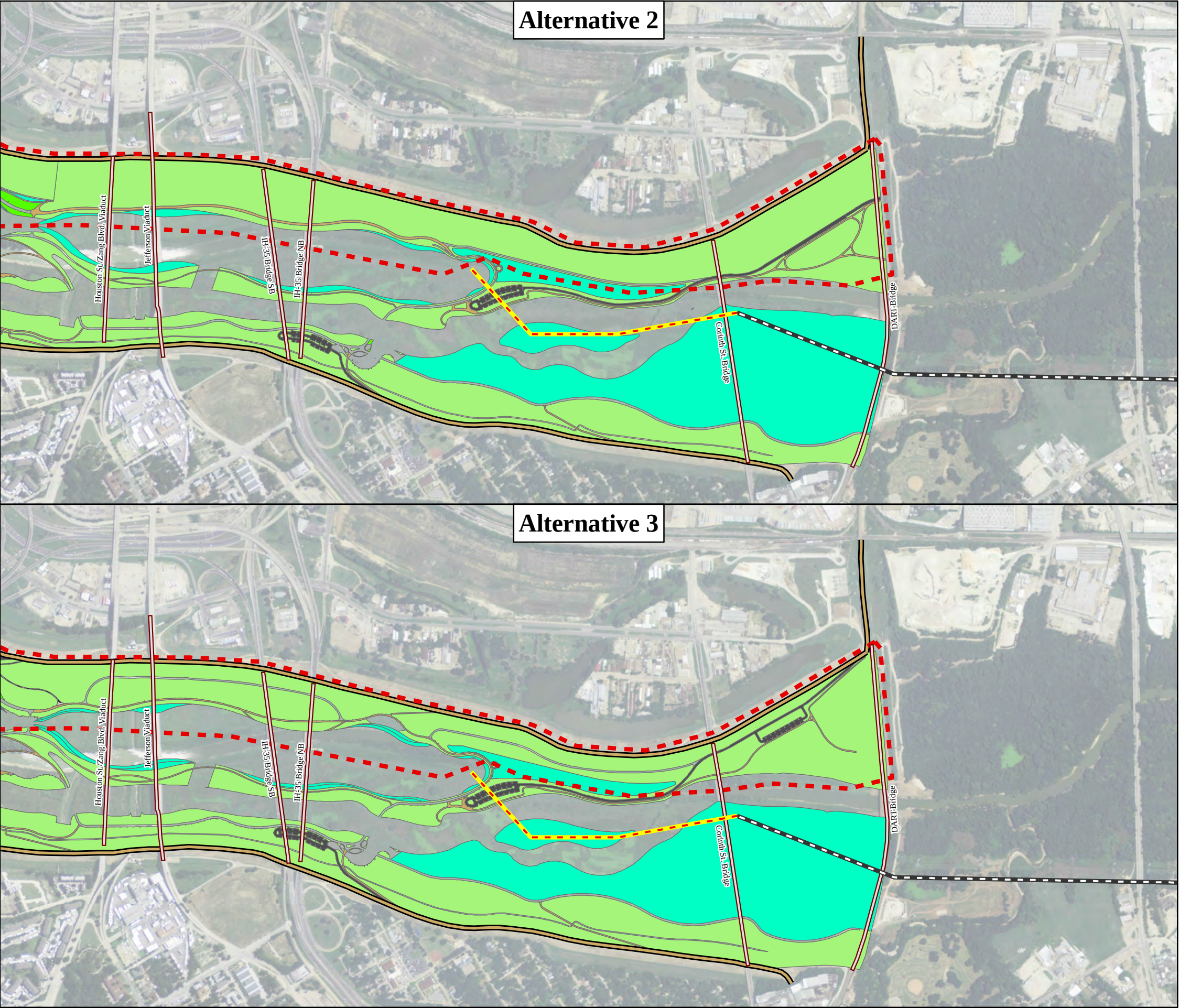
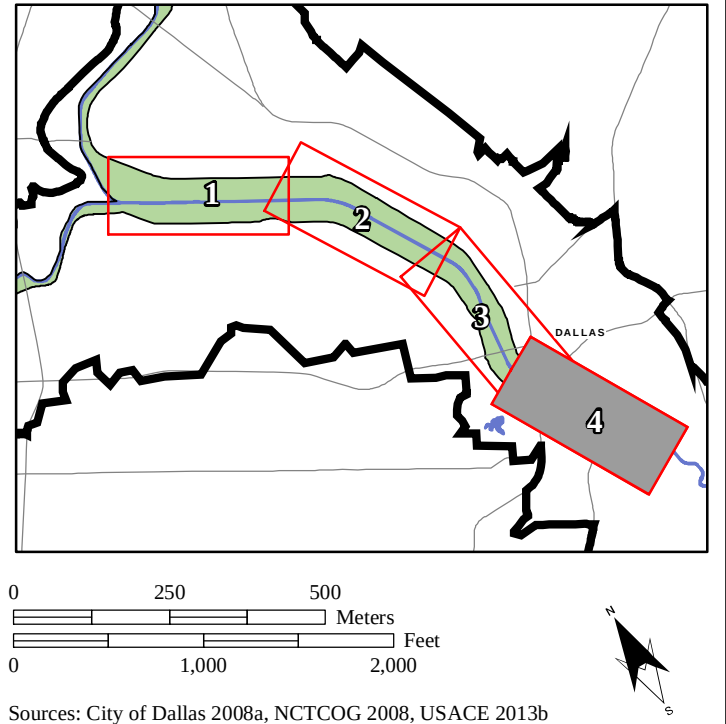
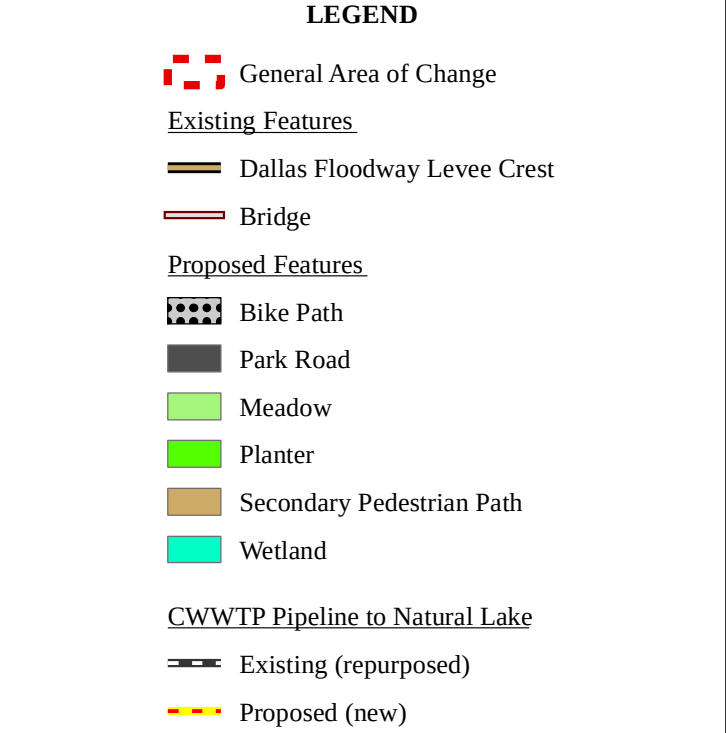


Figure K-22
Differences in BVP Study Ecosystem and Recreation
Features between Alternatives 2 and 3; Segment 4



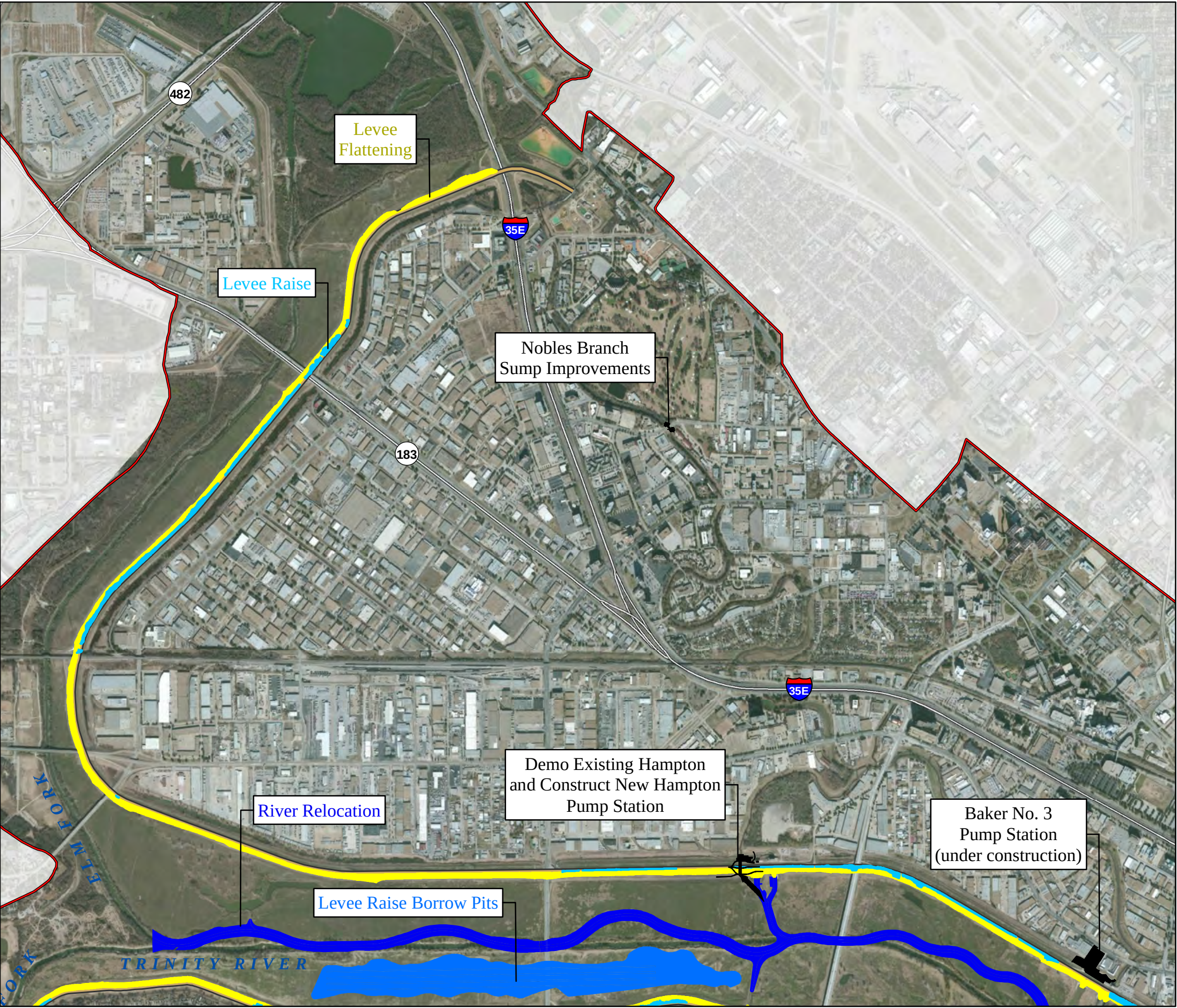


Figure K-23
Detail of Recommended Plan; Segment I

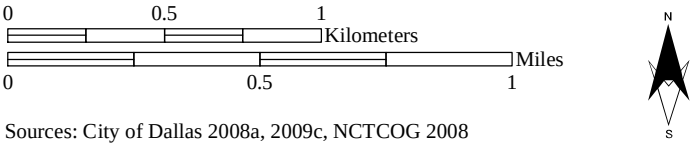
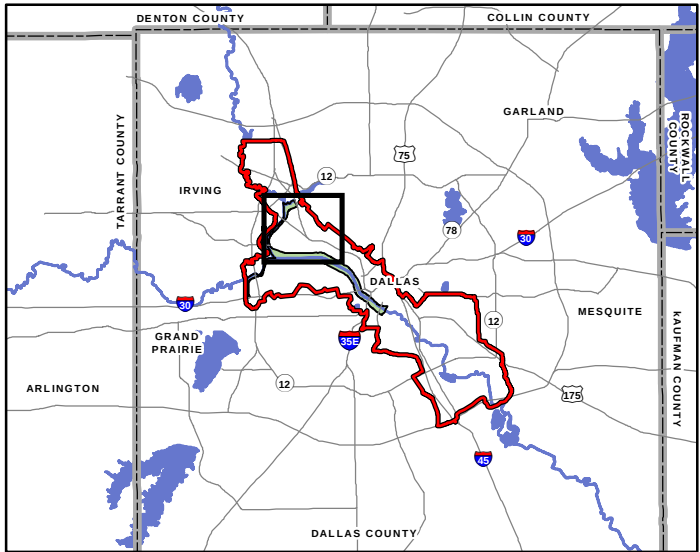
LEGEND

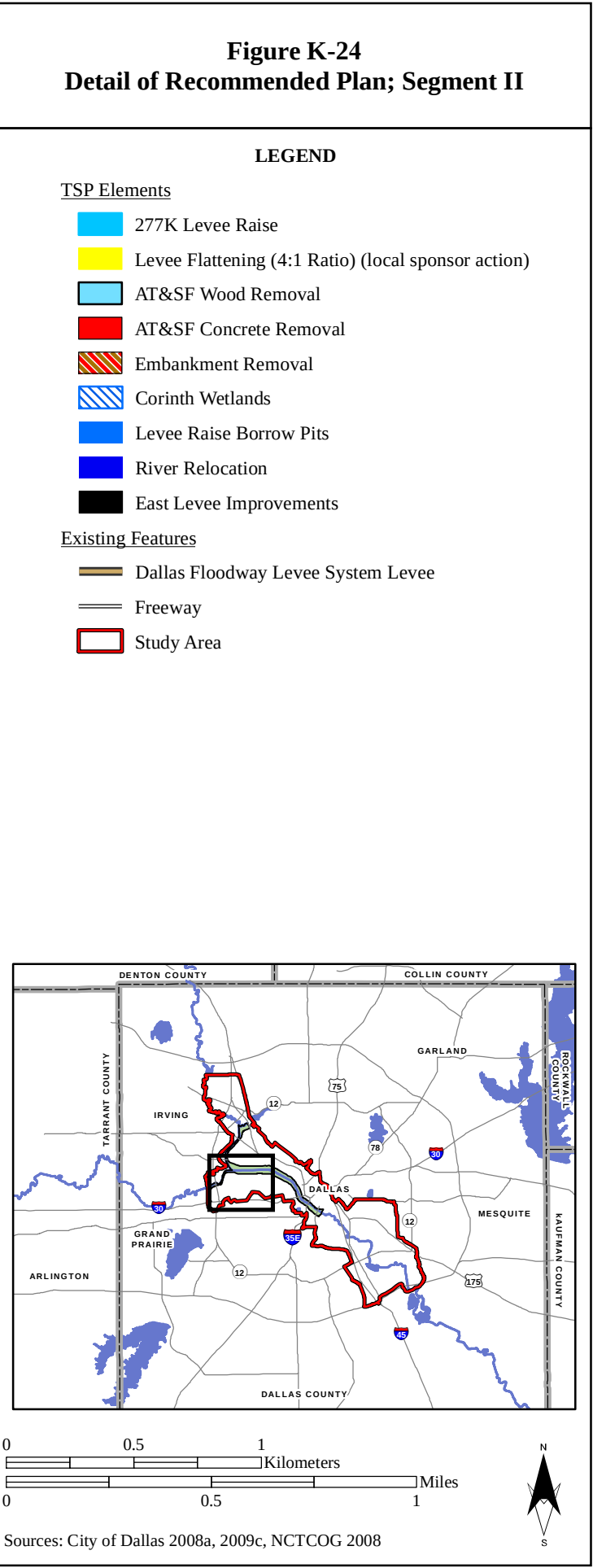
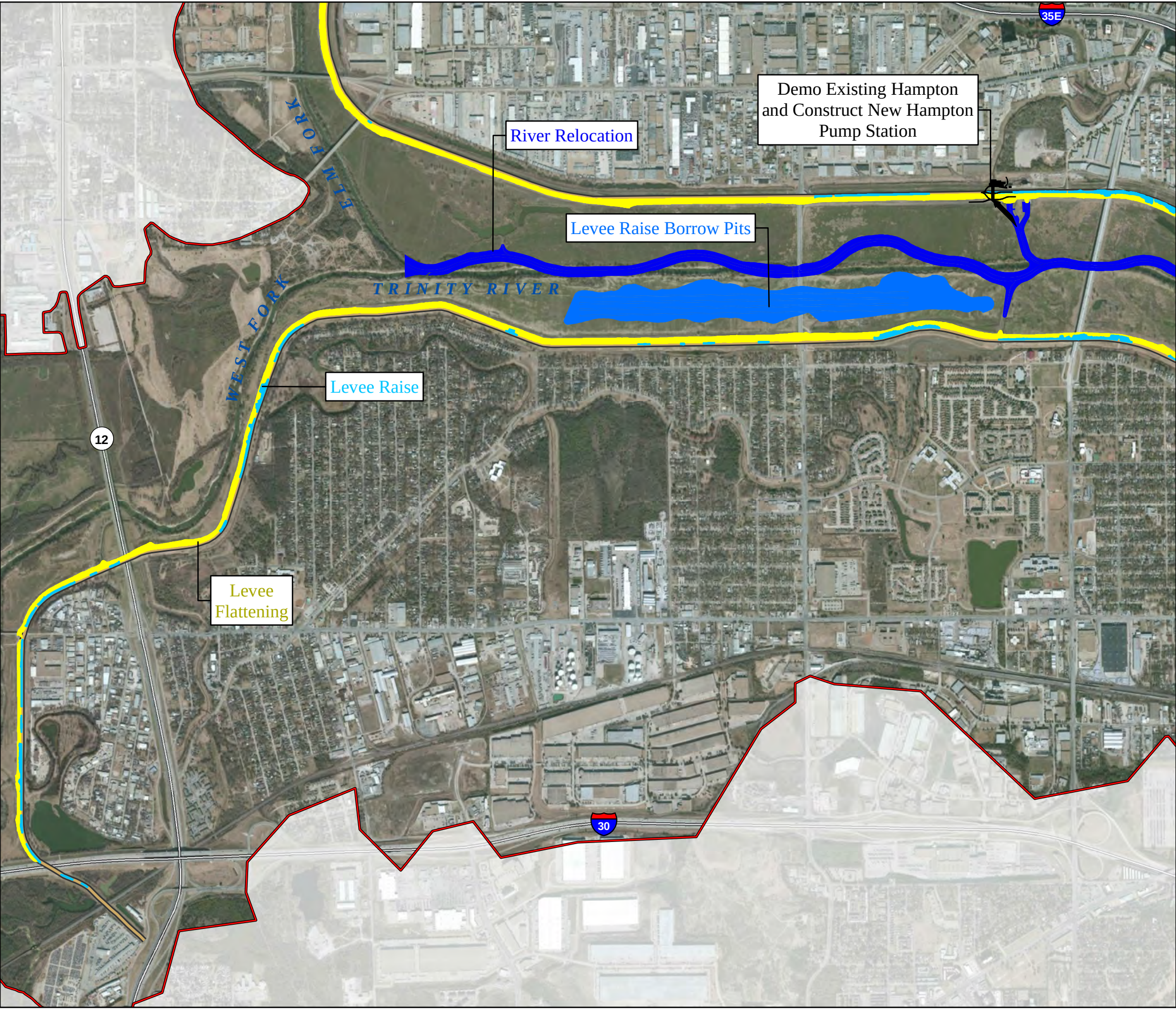
TSP Elements

- 277K Levee Raise
- Levee Flattenning (4:1 Ratio) (local sponsor action)
- AT&SF Wood Removal
- AT&SF Concrete Removal
- Embankment Removal
- Corinth Wetlands
- Levee Raise Borrow Pits
- River Relocation
- East Levee Improvements

Existing Features

- Dallas Floodway Levee System Levee
- Freeway
- Study Area





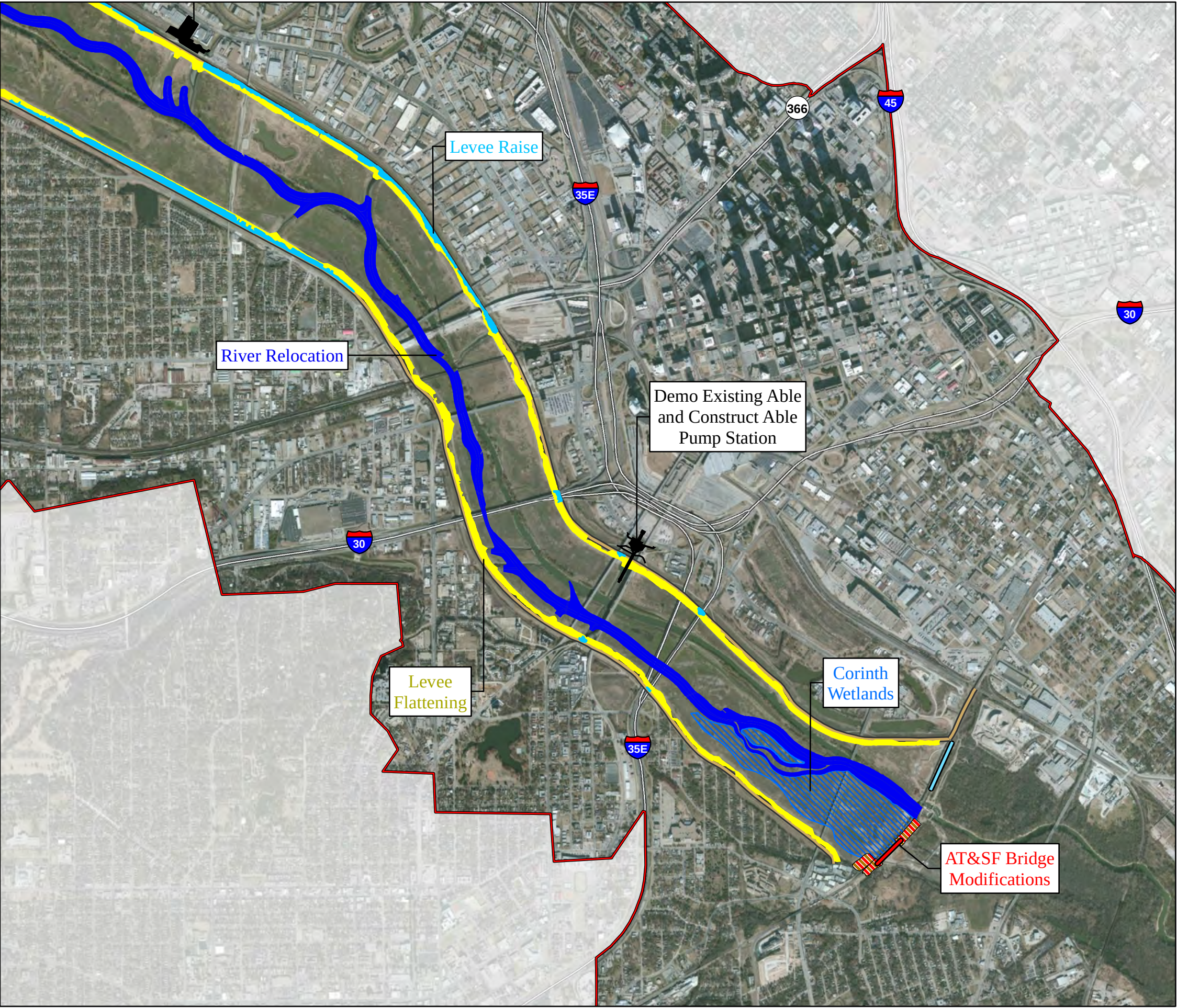


Figure K-25
Detail of Recommended Plan; Segment III

LEGEND

TSP Elements

- 277K Levee Raise
- Levee Flattenning (4:1 Ratio) (local sponsor action)
- AT&SF Wood Removal
- AT&SF Concrete Removal
- Embankment Removal
- Corinth Wetlands
- Levee Raise Borrow Pits
- River Relocation
- East Levee Improvements

Existing Features

- Dallas Floodway Levee System Levee
- Freeway
- Study Area

