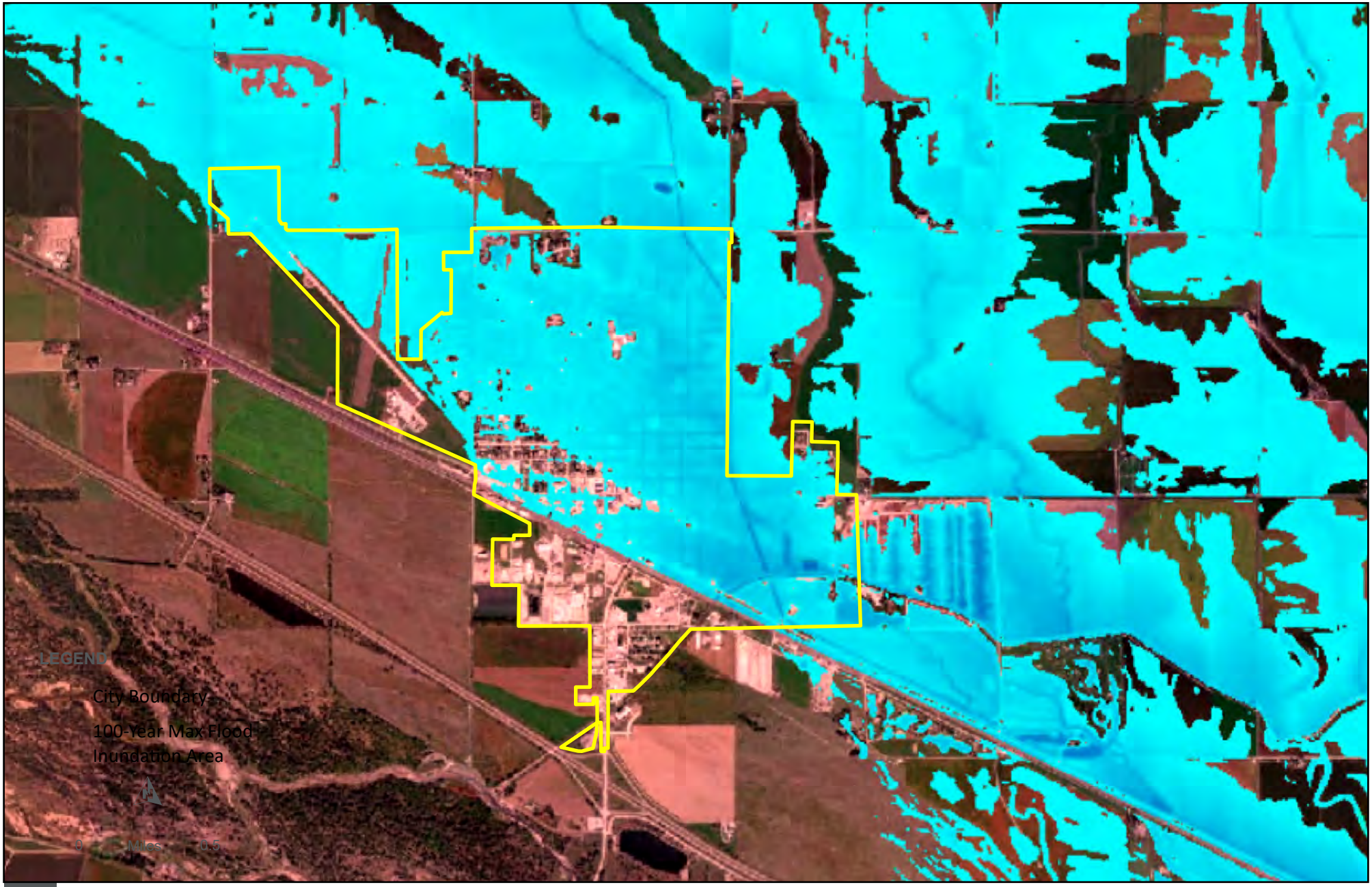
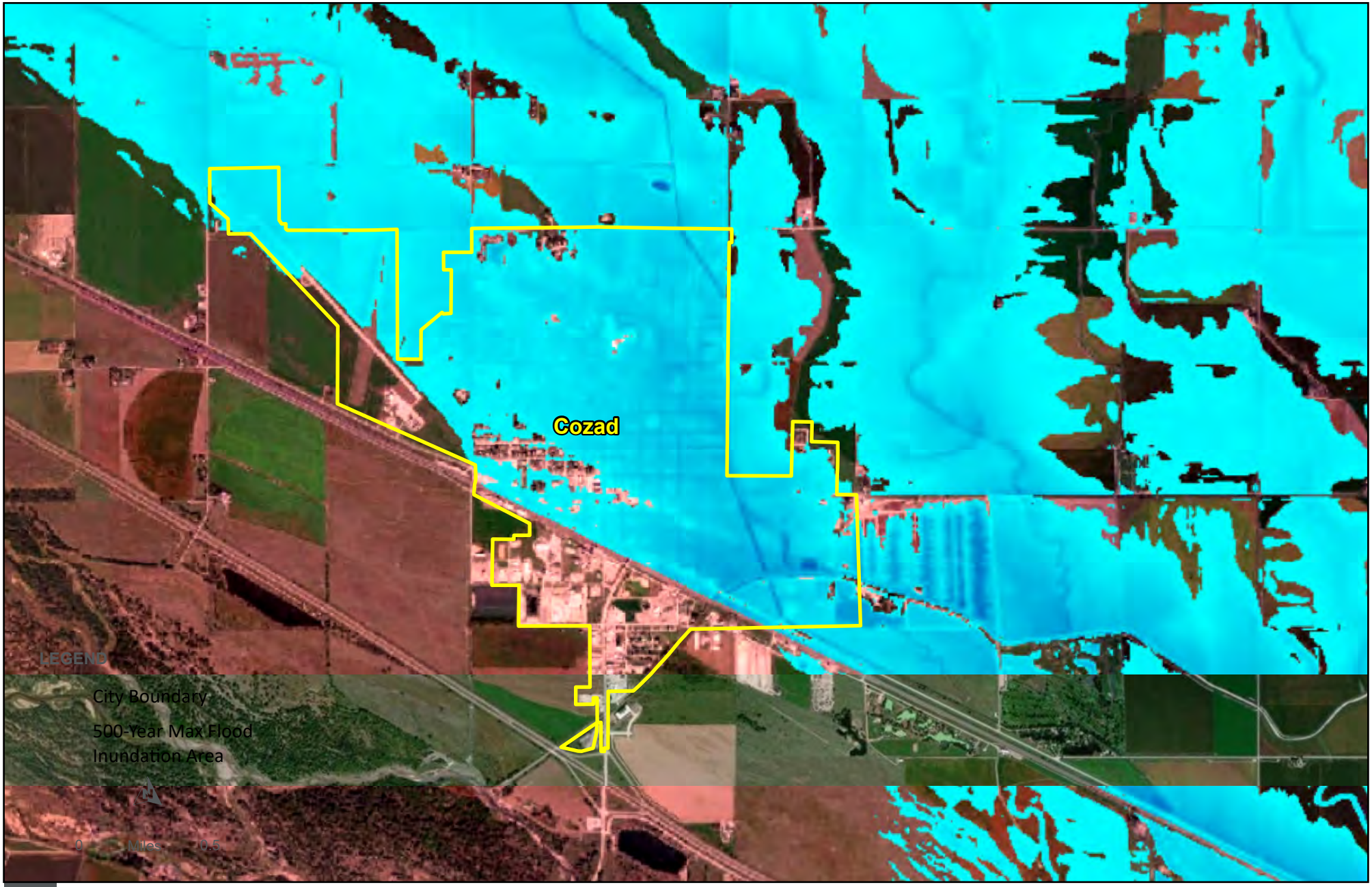


USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

COZAD EXISTING 100-YEAR FLOODPLAIN

SPRING CREEK WATERSHED PLAN-EA

FIGURE 1-8

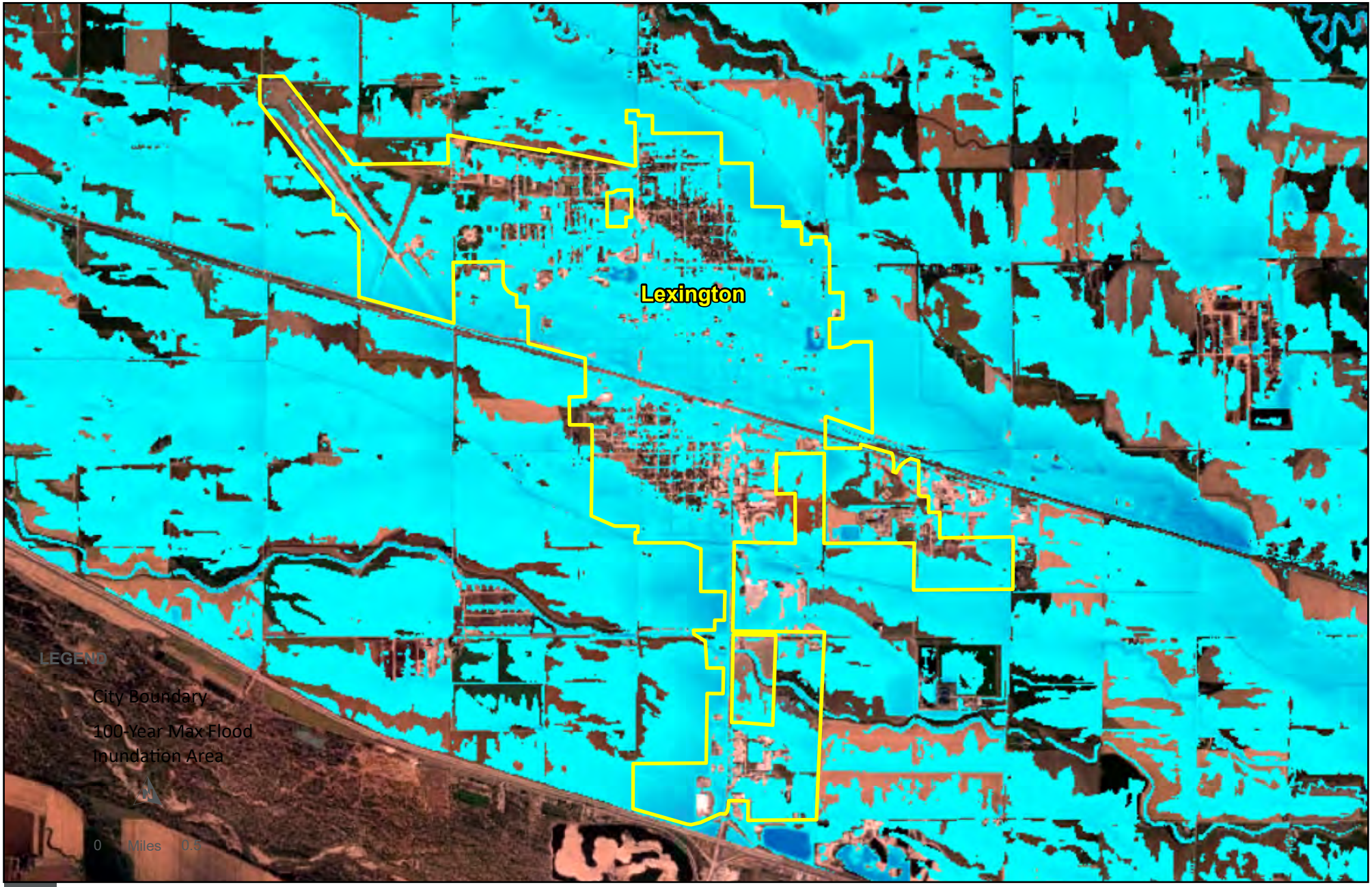


USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

COZAD EXISTING 500-YEAR FLOODPLAIN

SPRING CREEK WATERSHED PLAN-EA

FIGURE 1-9

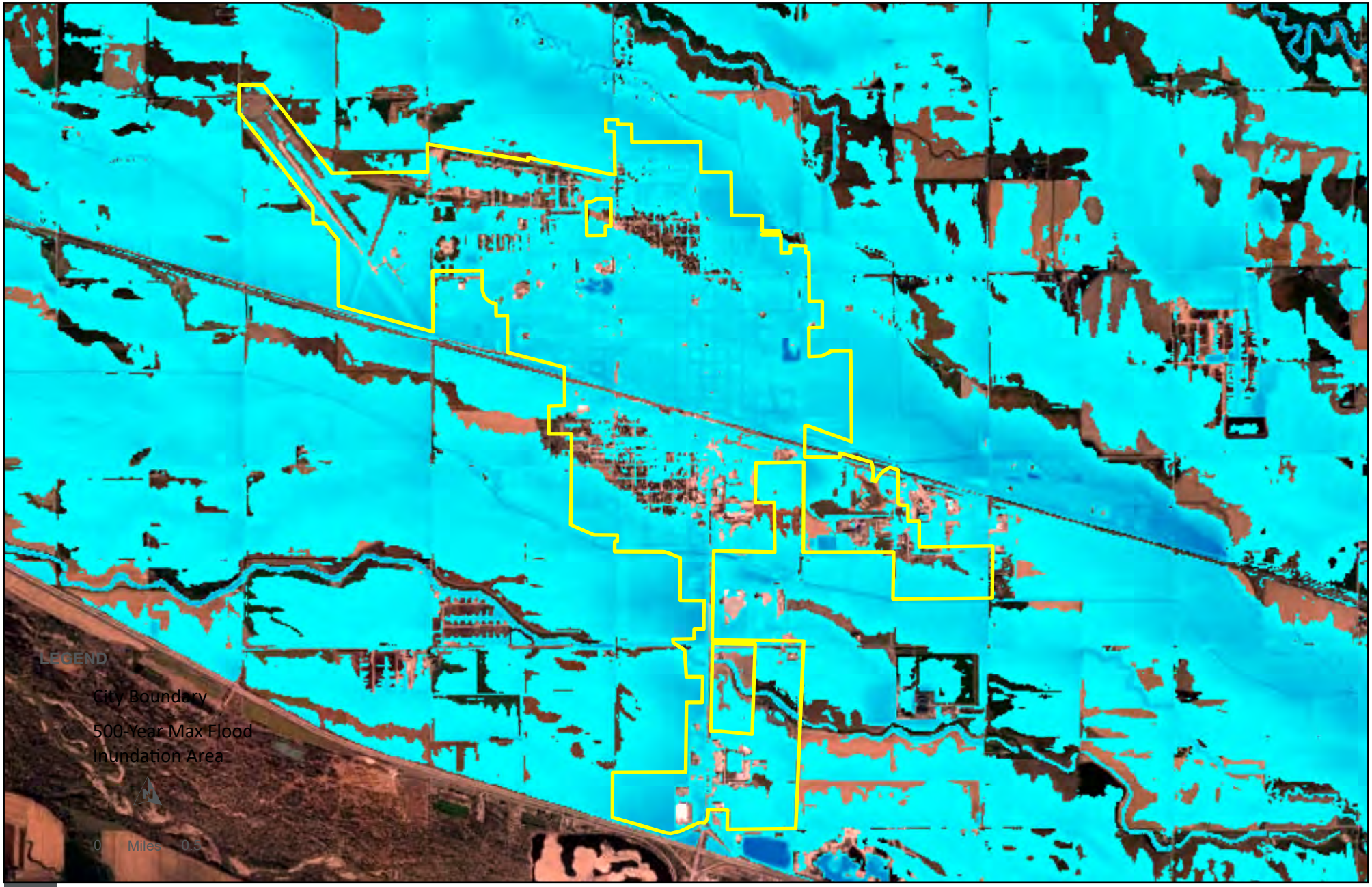


USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

LEXINGTON EXISTING 100-YEAR FLOODPLAIN

SPRING CREEK WATERSHED PLAN-EA

FIGURE 1-10

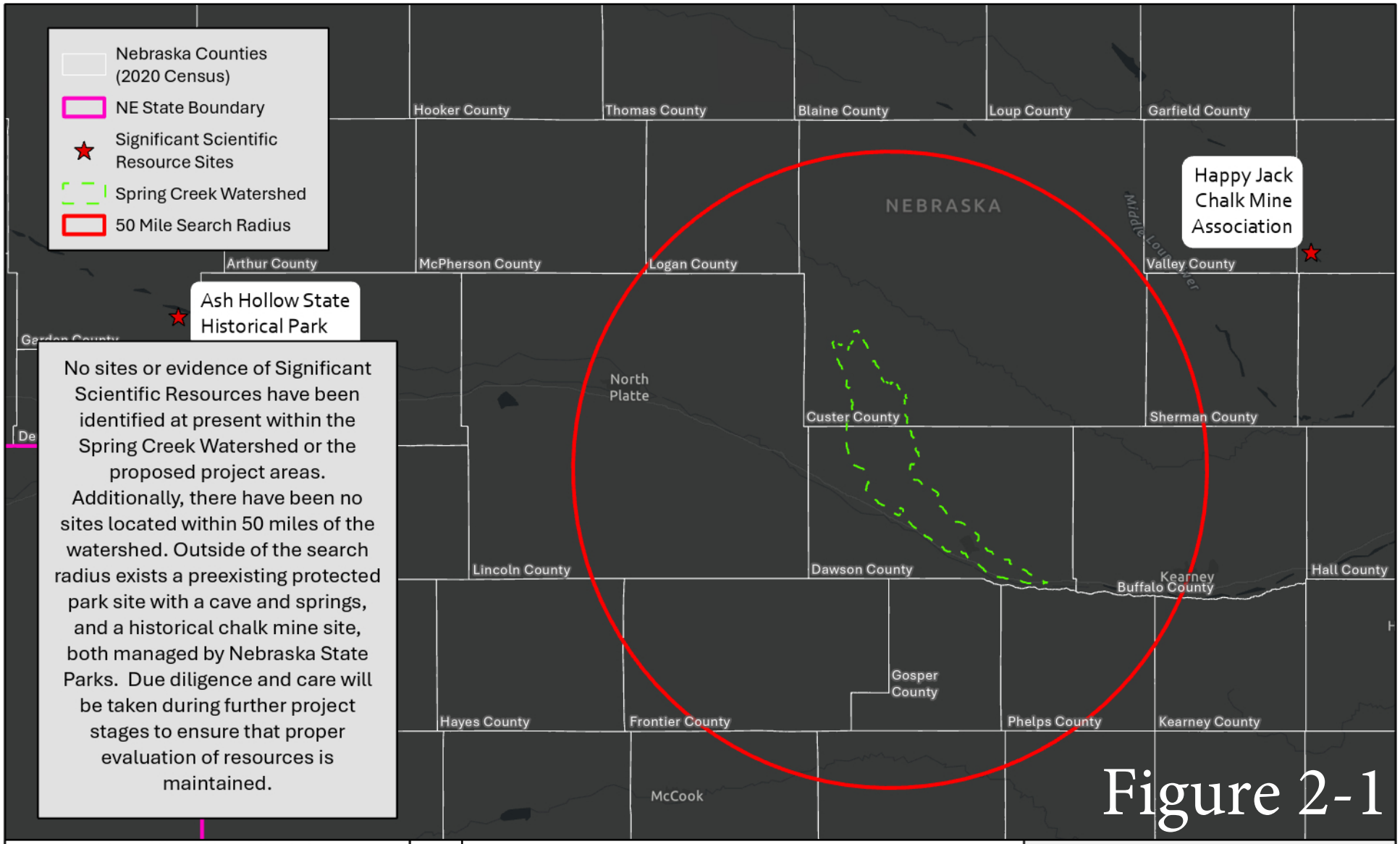


USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

LEXINGTON EXISTING 500-YEAR FLOODPLAIN

SPRING CREEK WATERSHED PLAN-EA

FIGURE 1-11

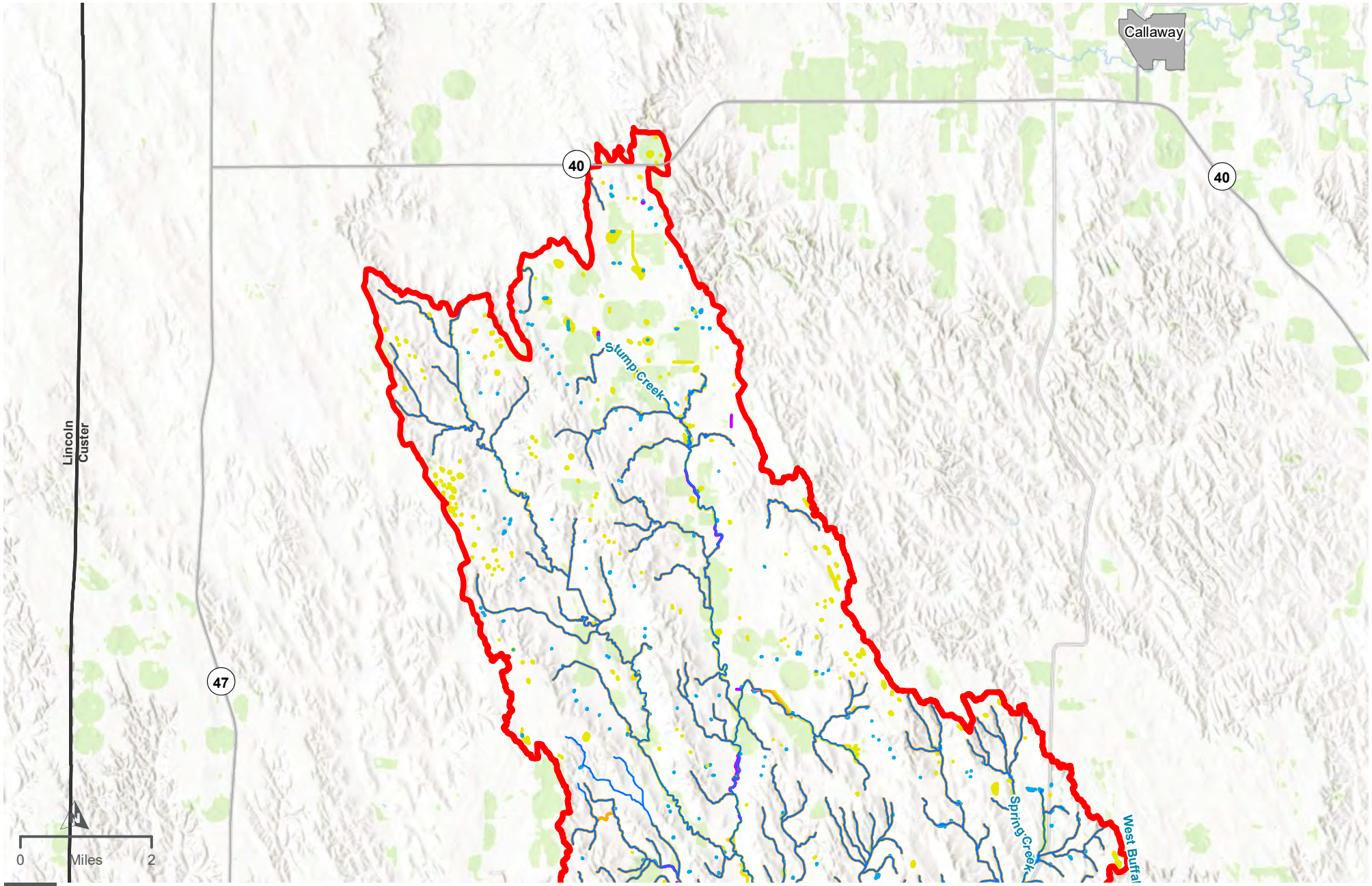


Significant Scientific Resources within Nebraska

Significant Scientific Resources are recognized as valuable and are protected by various laws, policies, and regulations held within the United States. As defined by these laws and NRCS, scientific resources can be categorized by their geological, paleontological, or other intrinsic scientific values. Significant Scientific Resources within Nebraska include those of protected fossil sites as well as significant geological features and landforms.

USDA
Helping People Help the Land
An Equal Opportunity Provider, Employer, and Lender

Created by: A. Sealander
Date: 1/2025
Source: ESRI, USGS, UNL, NEDNR, USDA, NOAA.



LEGEND

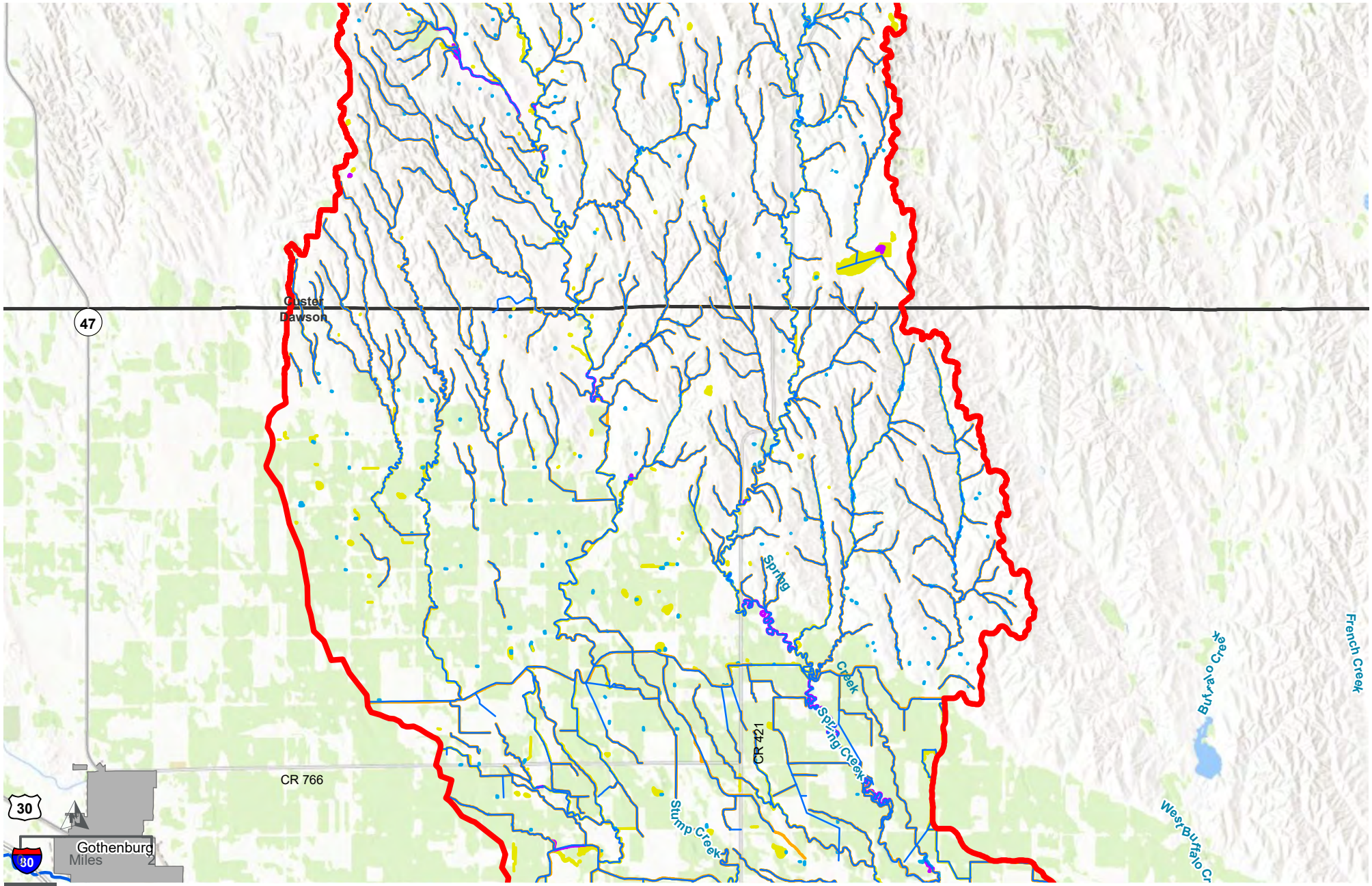
NHD Flowline
Platte River
Study Area
City
NWI Wetland Type
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Lake
Riverine

WATER RESOURCES
SPRING CREEK WATERSHED
FIGURE 3-4, SHEET 1 OF 4

PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\REPORT_MXD\ENVIRO_EA\SPRINGBUFFALOCREEK_FIG3_3_WATERRES_8X11.MXD - USER: EMSCHMIT - DATE: 9/17/2024

DATA SOURCE: Source: ESRI, TIGER, USGS, EPA

CENTRAL PLATTE NRD



LEGEND

NHD Flowline
Platte River
Study Area
City
NWI Wetland Type
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Lake
Riverine

WATER RESOURCES

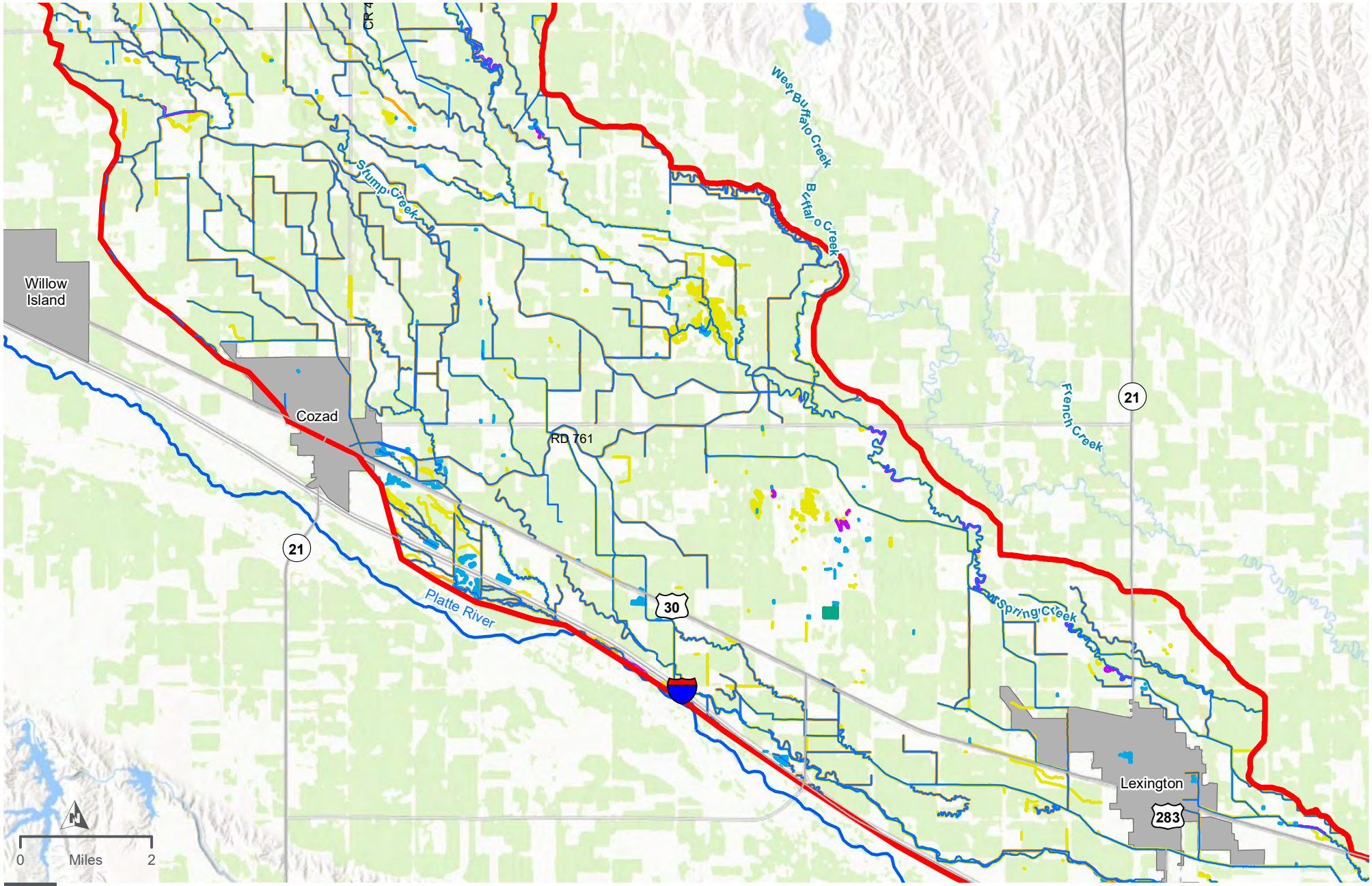
SPRING CREEK WATERSHED

FIGURE 3-4, SHEET 2 OF 4

PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\REPORT_MXD\ENVIRO_EA\SPRINGBUFFALOCREEK_FIG3_3_WATERRES_8X11.MXD - USER: EMSCHMIT - DATE: 9/17/2024

DATA SOURCE: Source: ESRI, TIGER, USGS, EPA

CENTRAL PLATTE NRD



USDA

LEGEND

NHD Flowline
Platte River
Study Area
City
NWI Wetland Type
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Lake
Riverine

WATER RESOURCES

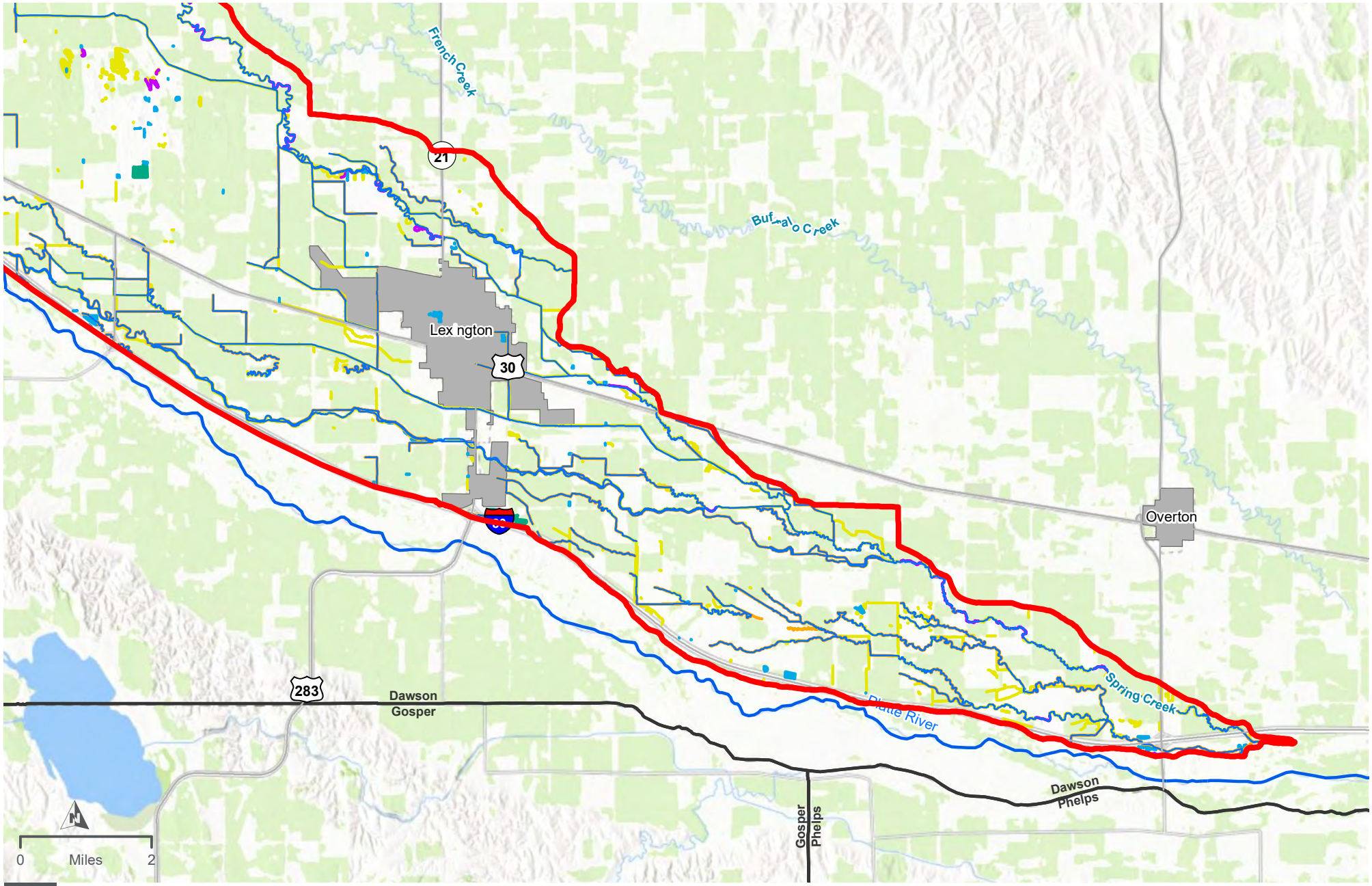
SPRING CREEK WATERSHED

FIGURE 3-4, SHEET 3 OF 4

PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\REPORT_MXD\ENVIRO_EA\SPRINGBUFFALOCREEK_FIG3_3_WATERRES_8X11.MXD - USER: EMSCHMIT - DATE: 9/17/2024

DATA SOURCE: Source: ESRI, TIGER, USGS, EPA

CENTRAL PLATTE NRD



USDA

LEGEND

NHD Flowline
Platte River
Study Area
City
NWI Wetland Type
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Lake
Riverine

WATER RESOURCES

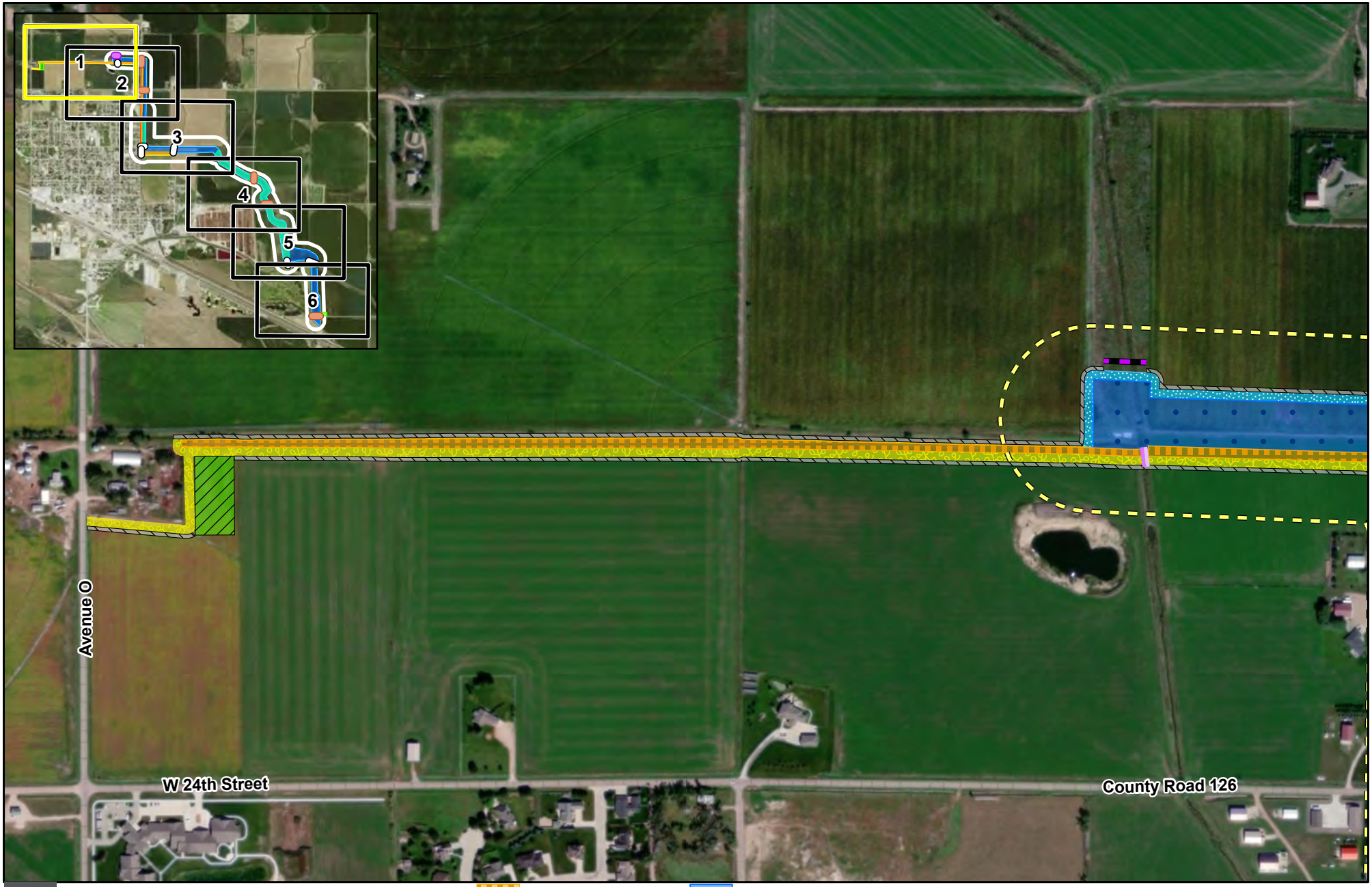
SPRING CREEK WATERSHED

FIGURE 3-4, SHEET 4 OF 4

PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\REPORT_MXD\ENVIRO_EA\SPRINGBUFFALOCREEK_FIG3_3_WATERRES_8X11.MXD - USER: EMSCHMIT - DATE: 9/17/2024

DATA SOURCE: Source: ESRI, TIGER, USGS, EPA

CENTRAL PLATTE NRD



0 Feet 250

1 inch equals 500 feet

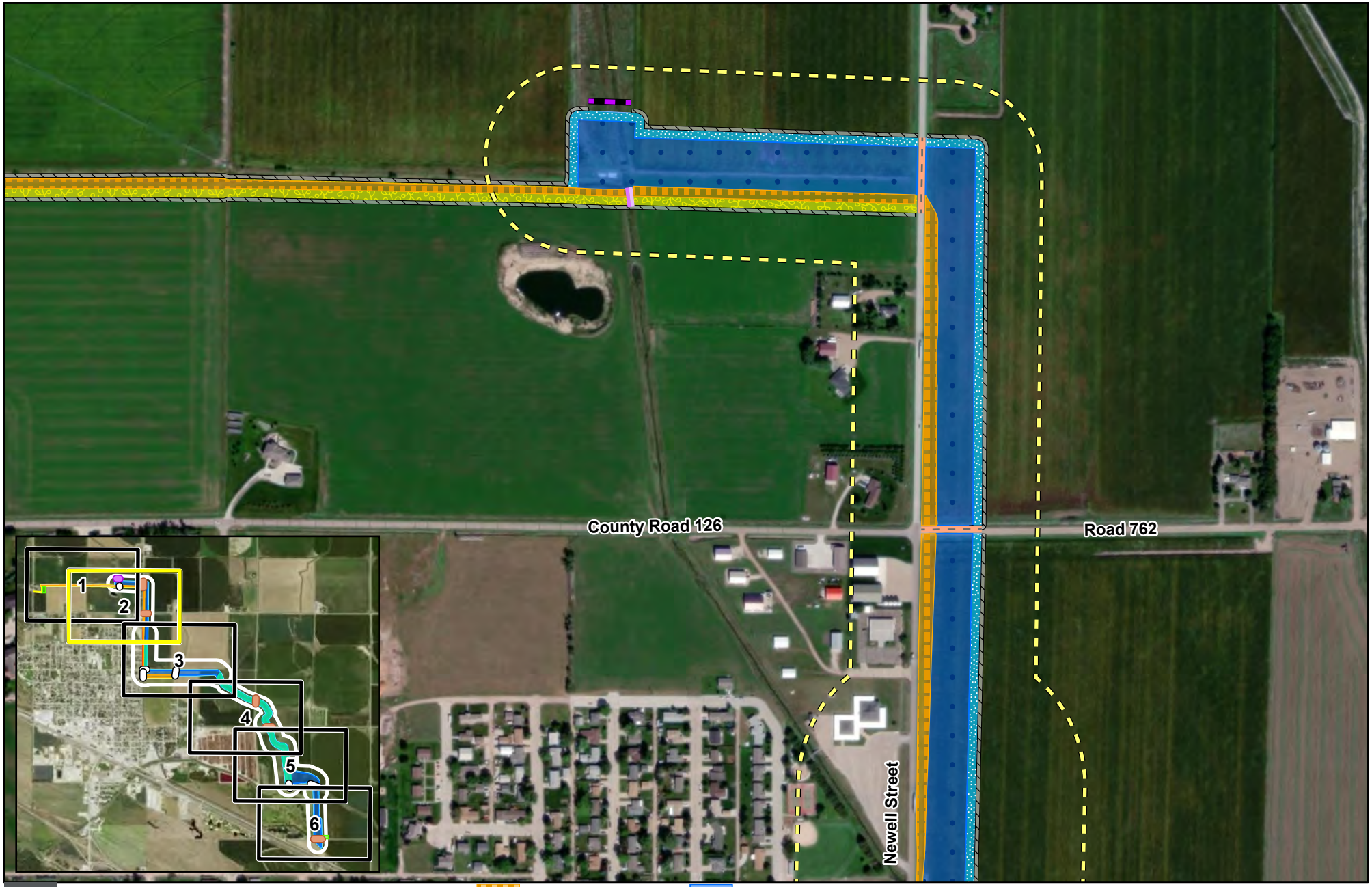
DATA SOURCE: ESRI, TIGER, USDA

- Private Crossing
- Hydraulic Structure Replacement
- Hydraulic Crossing
- Lateral Effects
- Berm
- Berm ROW
- Channel Improvement
- Channel ROW
- New Diversion Channel
- Staging Area
- Temporary Easement

COZAD AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

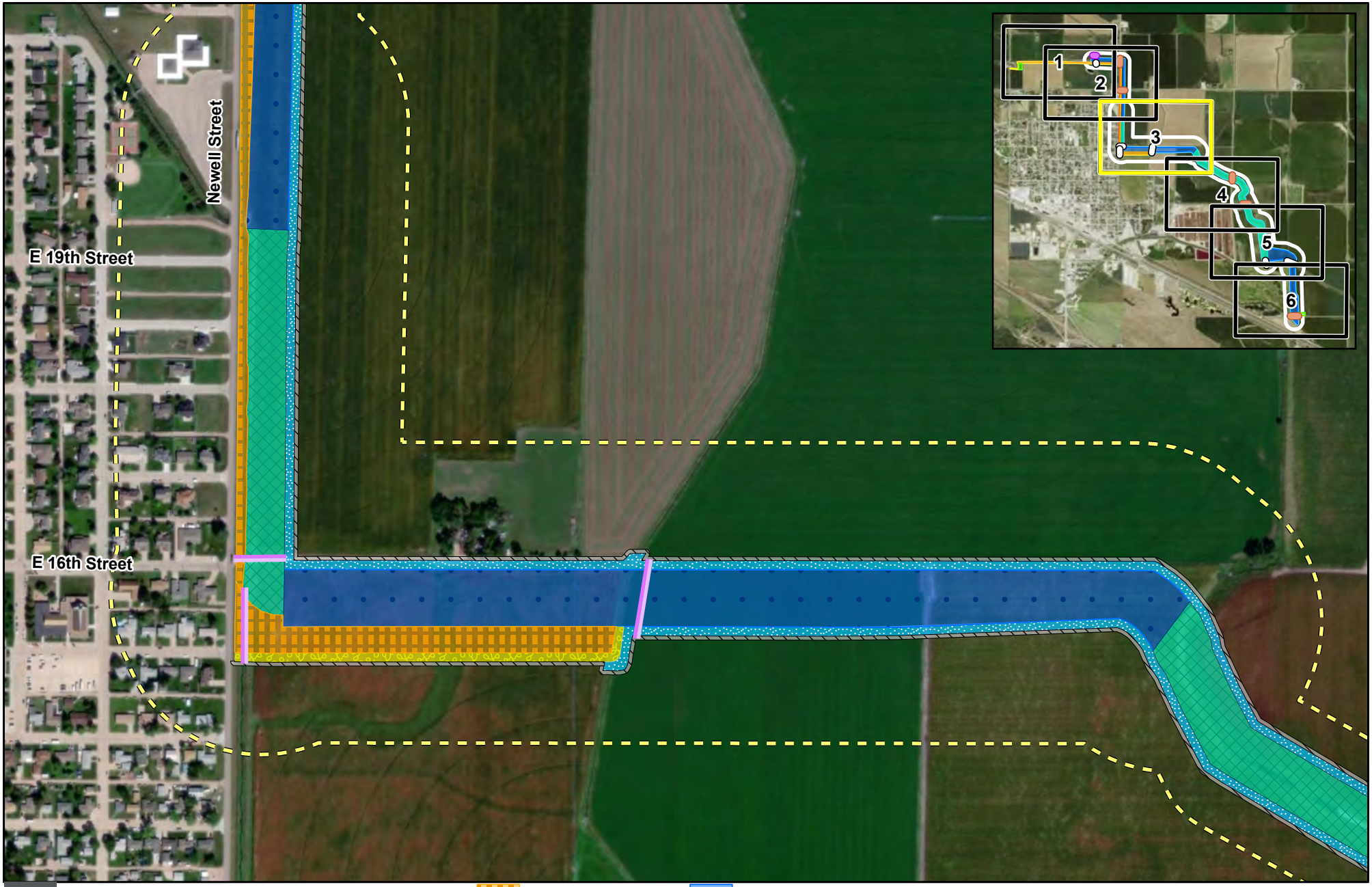
FIGURE 5-1, PAGE 1 OF 6



COZAD AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-1, PAGE 2 OF 6



0 Feet 250

1 inch equals 500 feet

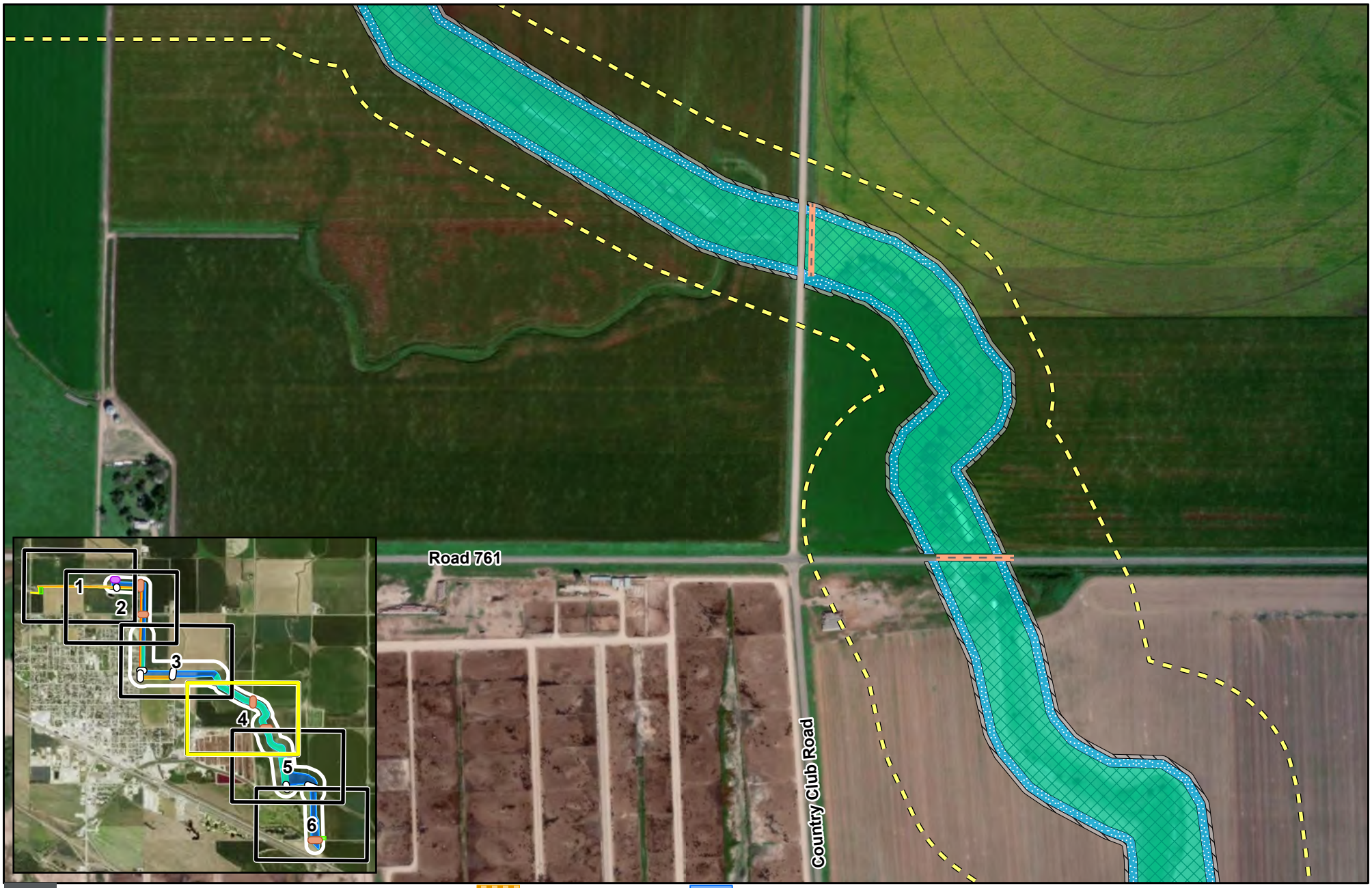
DATA SOURCE: ESRI, TIGER, USDA

- Private Crossing
- Hydraulic Structure Replacement
- Hydraulic Crossing
- Lateral Effects
- Berm
- Berm ROW
- Channel Improvement
- Channel ROW
- New Diversion Channel
- Staging Area
- Temporary Easement

COZAD AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\COZAD_FIGURES.APRX - USER: EMSCHMIT - DATE: 10/15/2024



0 Feet 250

1 inch equals 500 feet

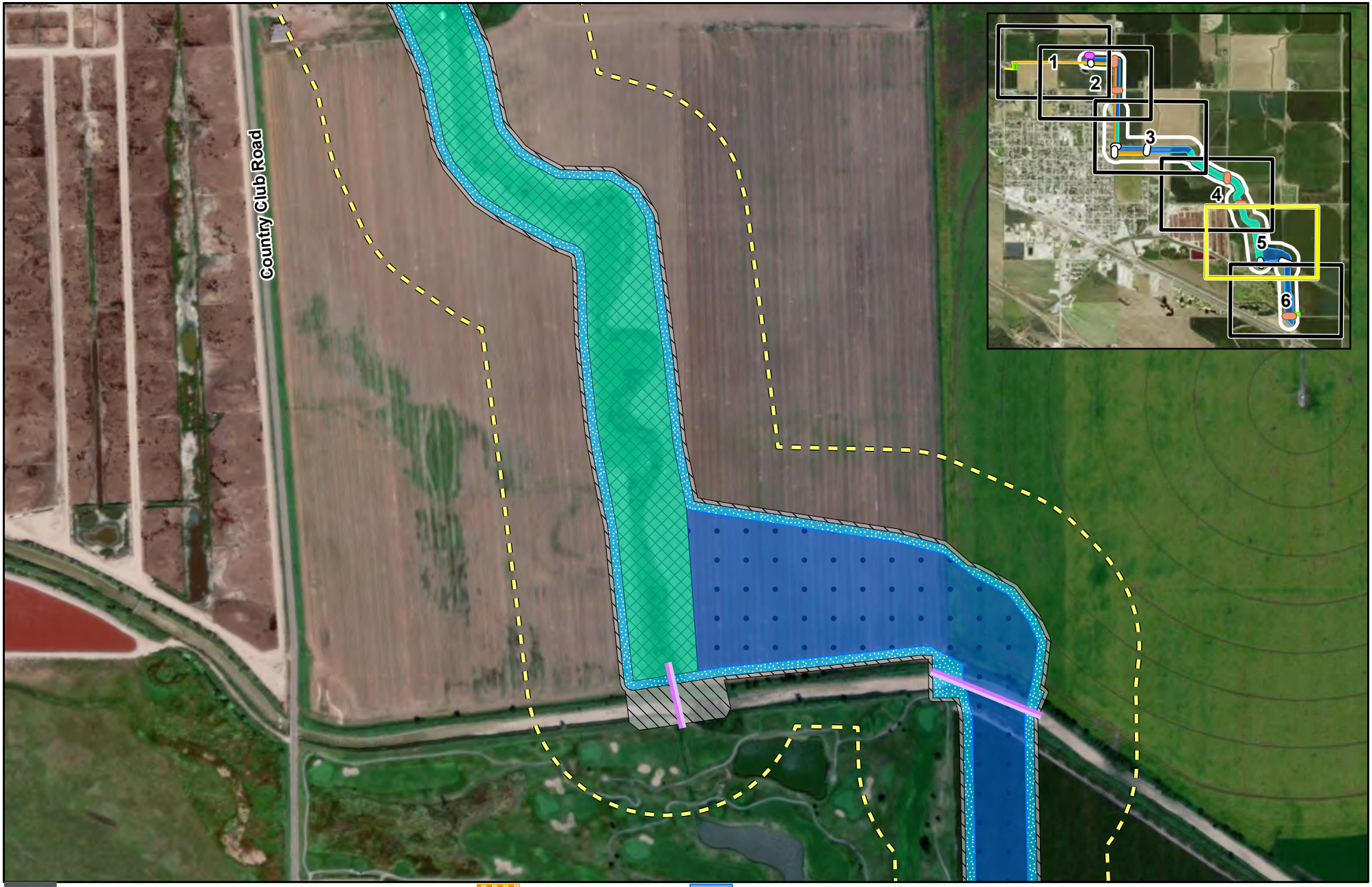
DATA SOURCE: ESRI, TIGER, USDA

Private Crossing
Hydraulic Structure Replacement
Hydraulic Crossing
Lateral Effects
Berm
Berm ROW
Channel Improvement
Channel ROW
New Diversion Channel
Staging Area
Temporary Easement

COZAD AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-1, PAGE 4 OF 6



COZAD AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-1, PAGE 5 OF 6



0 Feet 250

1 inch equals 500 feet

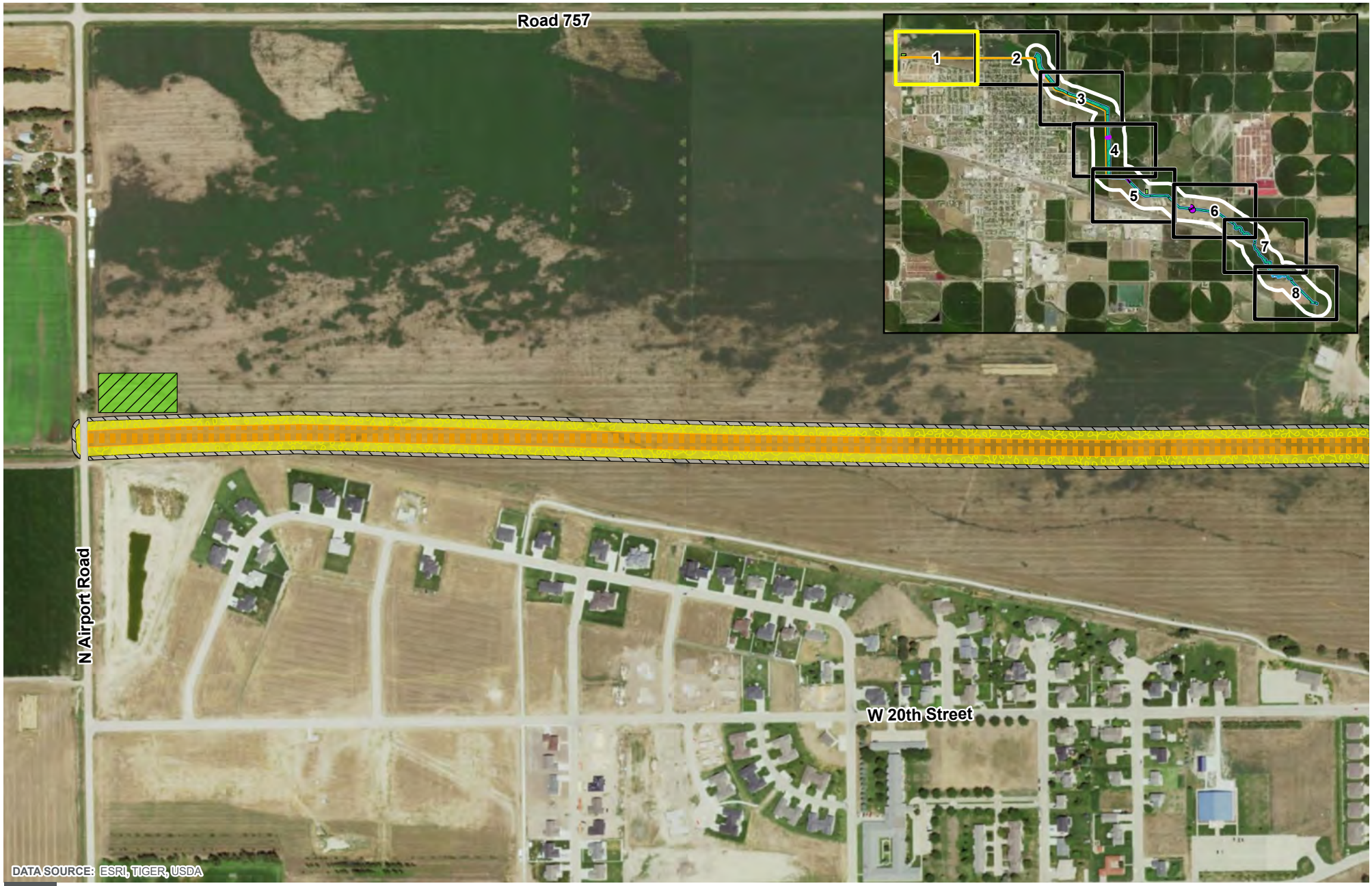
DATA SOURCE: ESRI, TIGER, USDA

- Private Crossing
- Hydraulic Structure Replacement
- Hydraulic Crossing
- Lateral Effects
- Berm
- Berm ROW
- Channel Improvement
- Channel ROW
- New Diversion Channel
- Staging Area
- Temporary Easement

COZAD AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

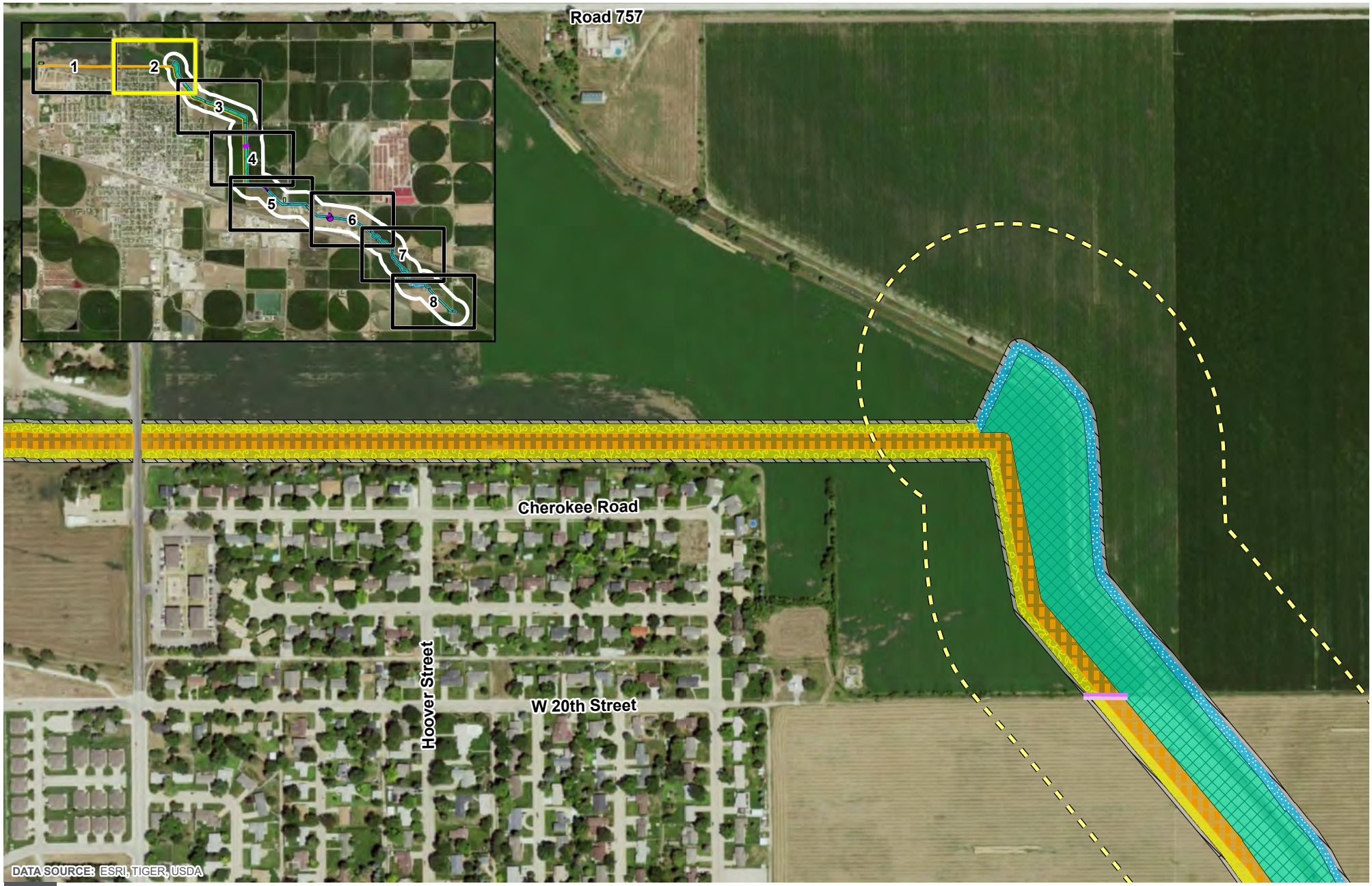
FIGURE 5-1, PAGE 6 OF 6



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

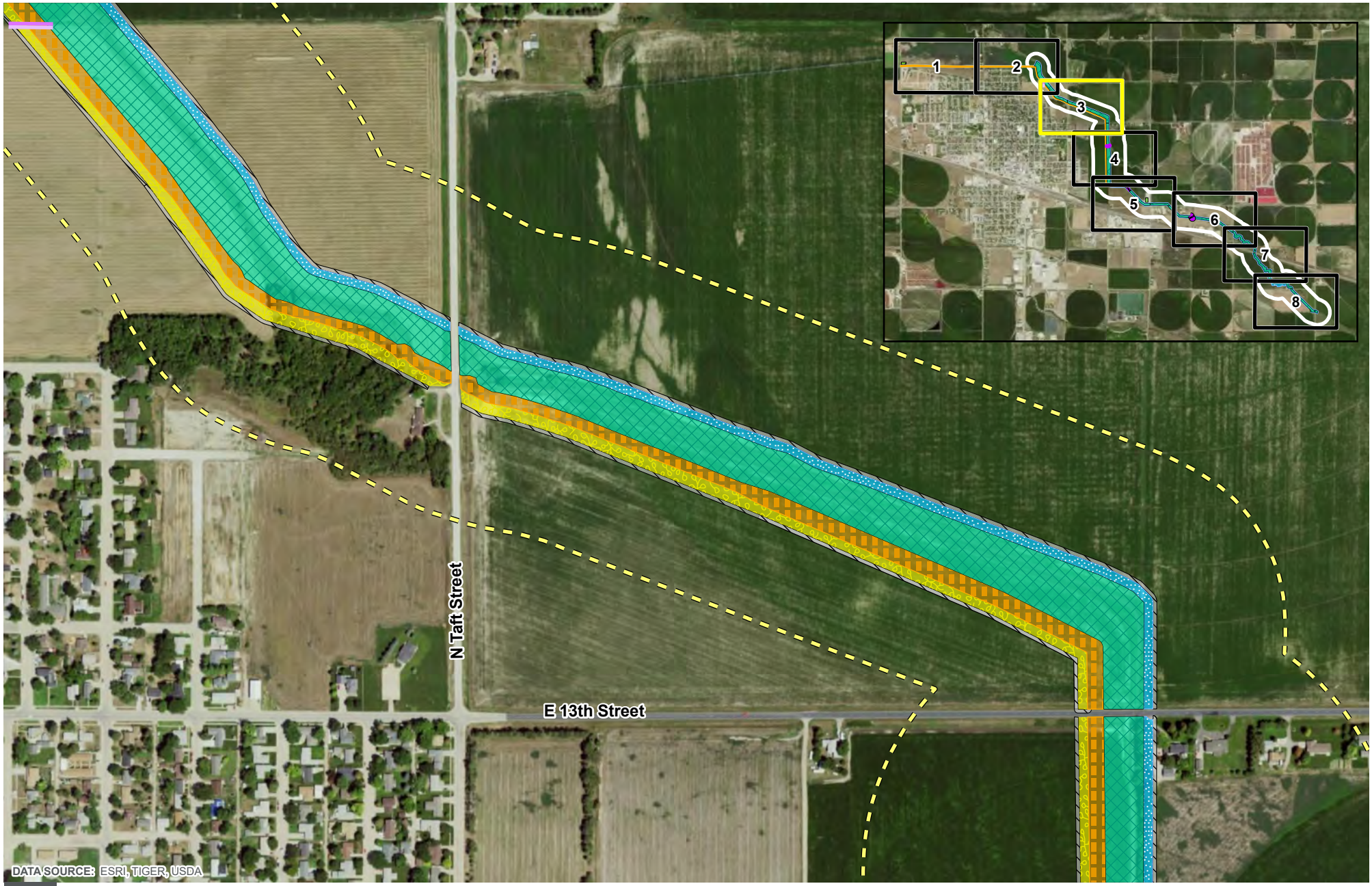
FIGURE 5-2, PAGE 1 OF 8



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-2, PAGE 2 OF 8



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

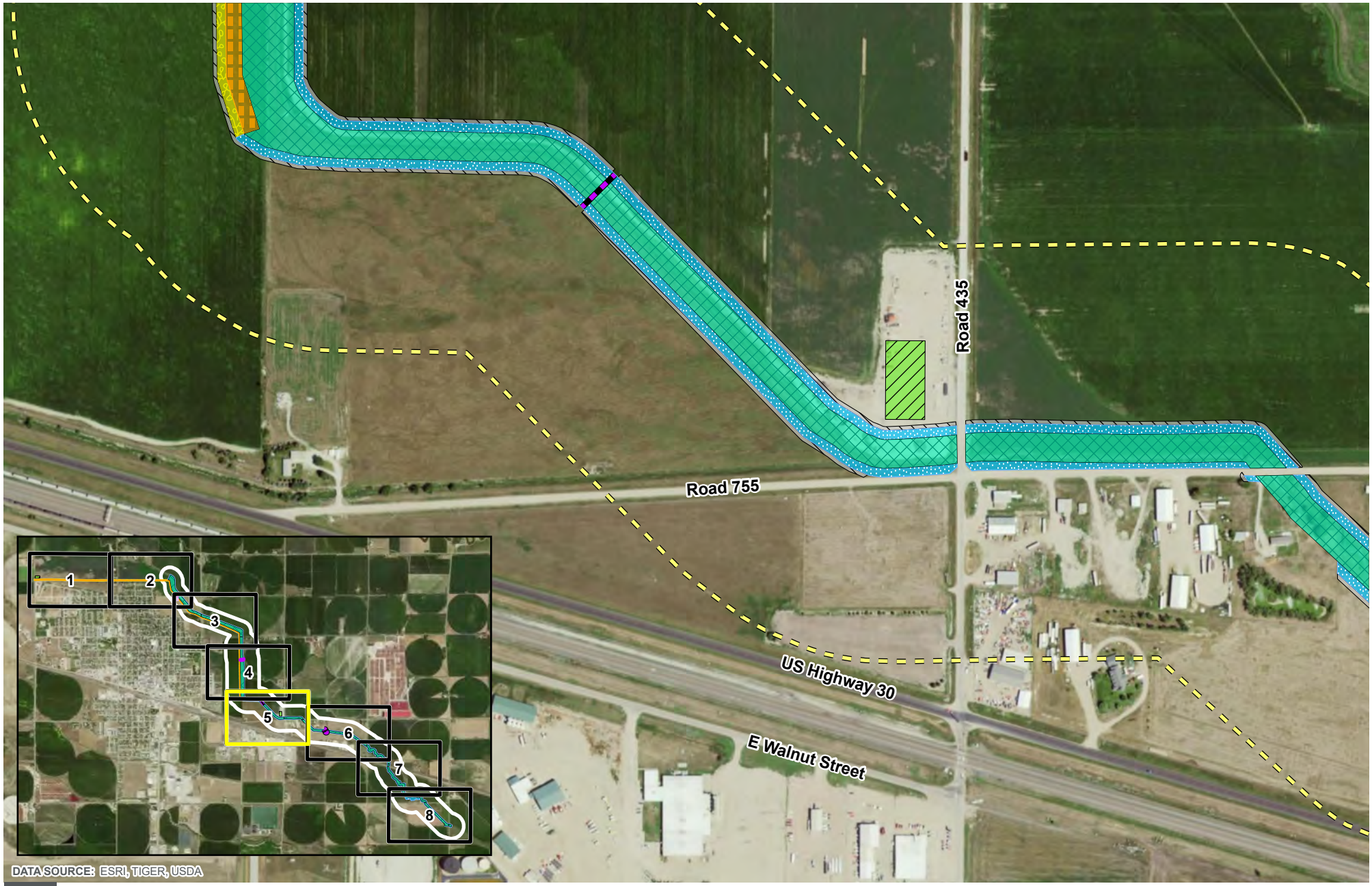
PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 10/15/2024



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

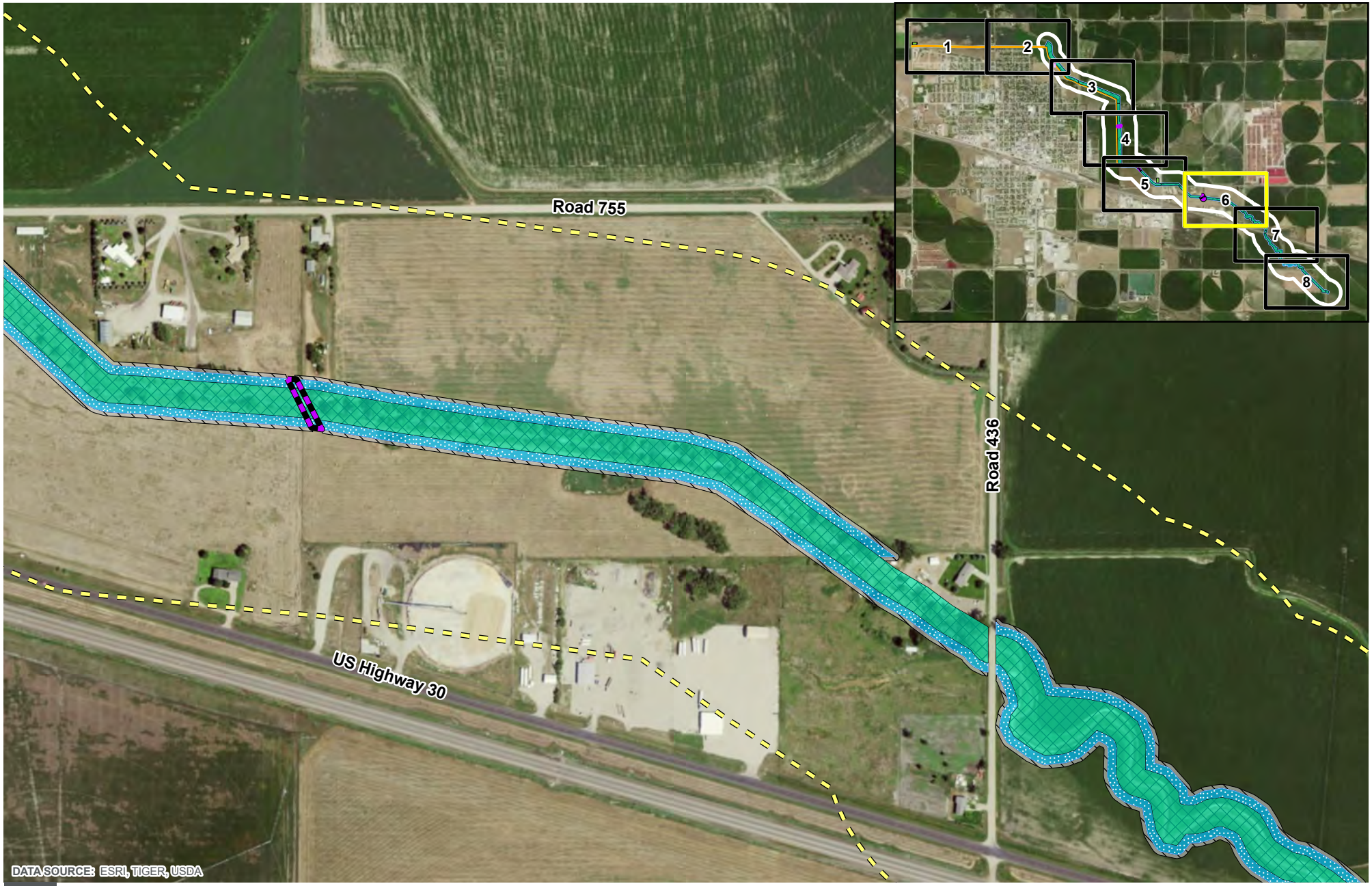
PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 10/15/2024



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

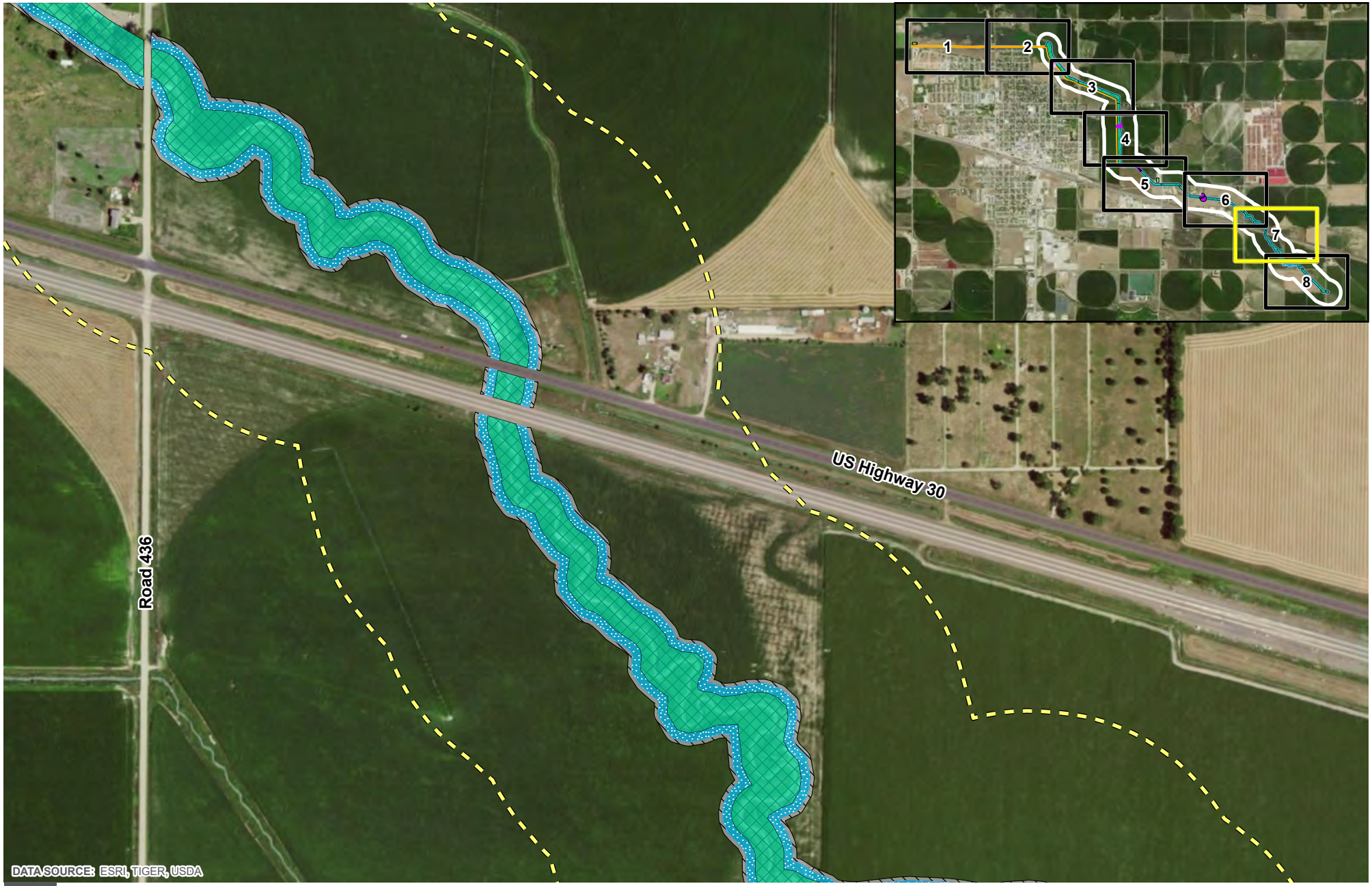
PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 10/15/2024



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

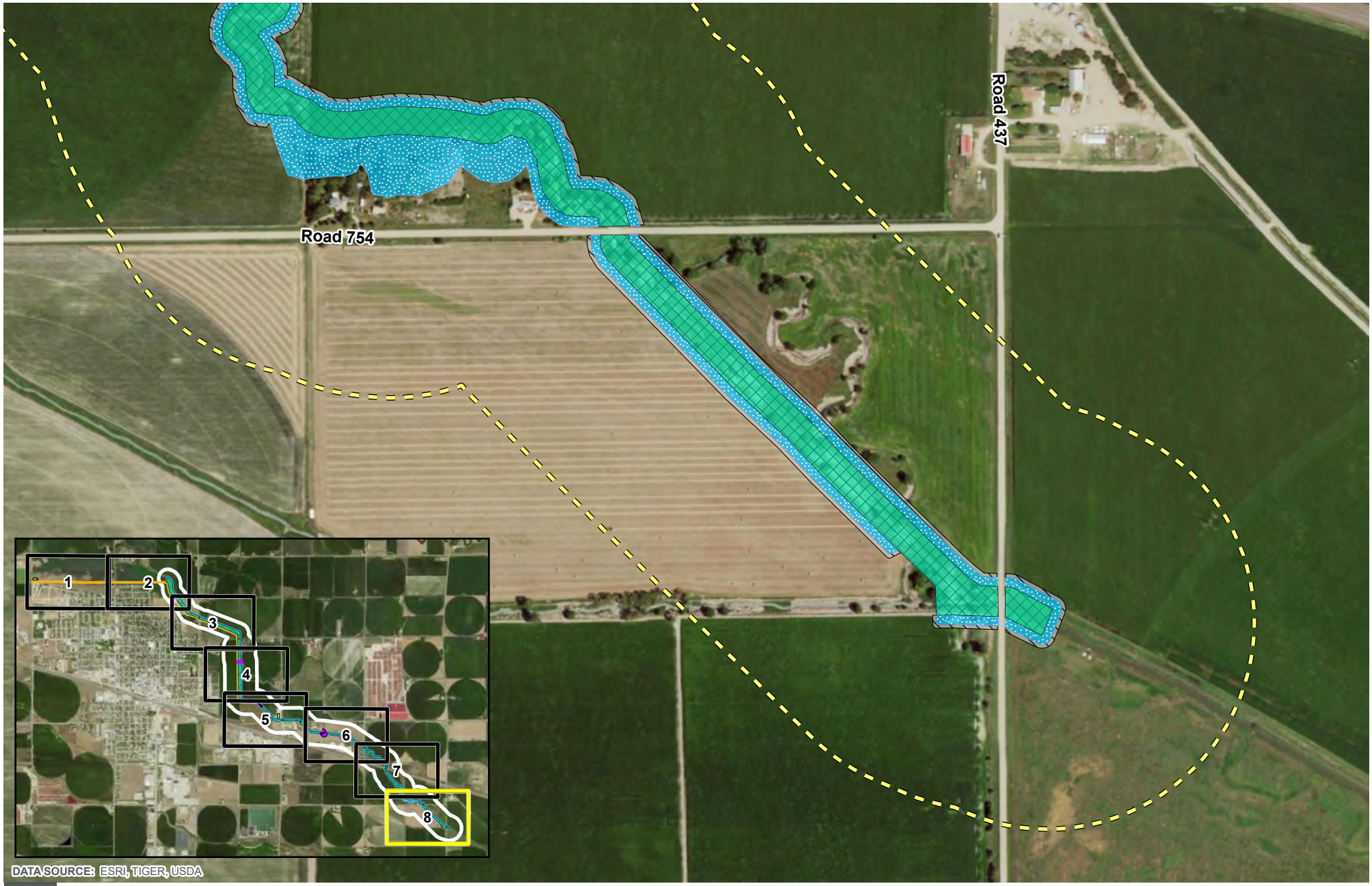
PATH: Z:\PROJECTS\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 10/15/2024



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-2, PAGE 7 OF 8



LEXINGTON NE AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-2, PAGE 8 OF 8



0 Feet 250

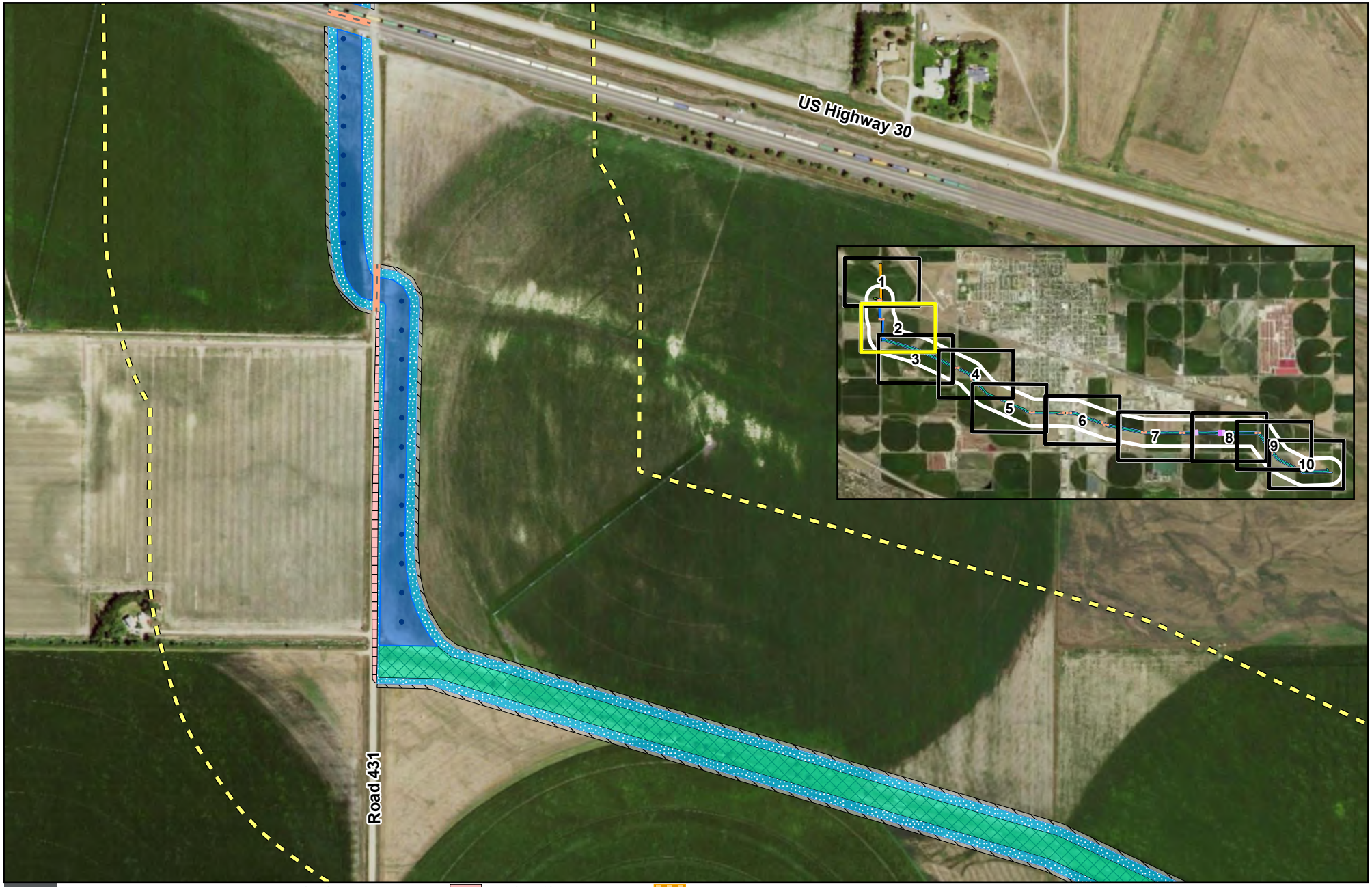
1 inch equals 2,000 feet

- Hydraulic Crossing Replacement
- Hydraulic Crossing
- Lateral Effects
- Road Profile Raise
- New Diversion Channel
- Channel Improvement
- Channel ROW
- Berm
- Berm ROW
- Temporary Easement
- Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-3, PAGE 1 OF 10



0 Feet 250

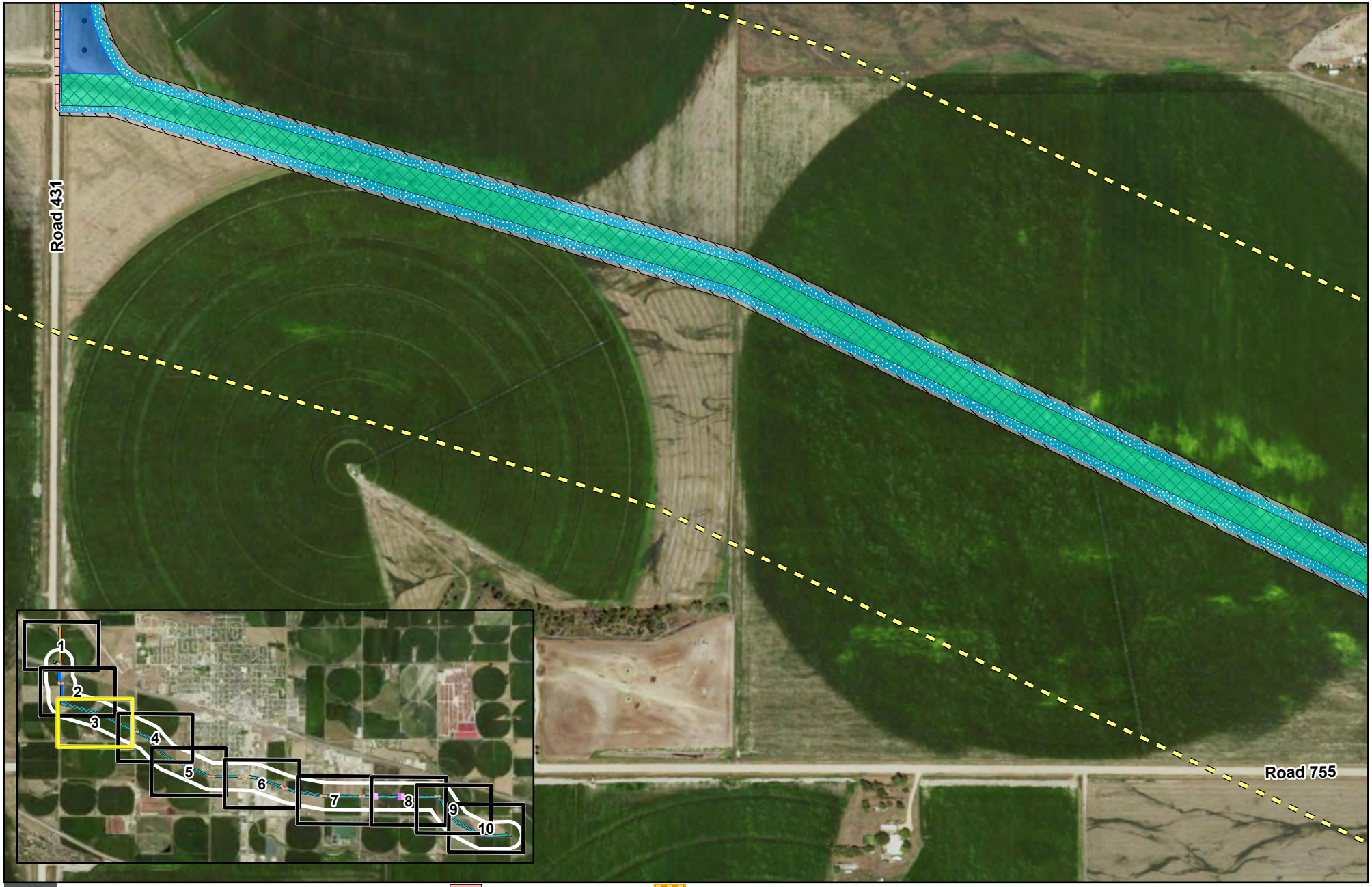
1 inch equals 2,000 feet

- Hydraulic Crossing Replacement
- Hydraulic Crossing
- Lateral Effects
- Road Profile Raise
- New Diversion Channel
- Channel Improvement
- Channel ROW
- Berm
- Berm ROW
- Temporary Easement
- Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-3, PAGE 2 OF 10



0 Feet 250

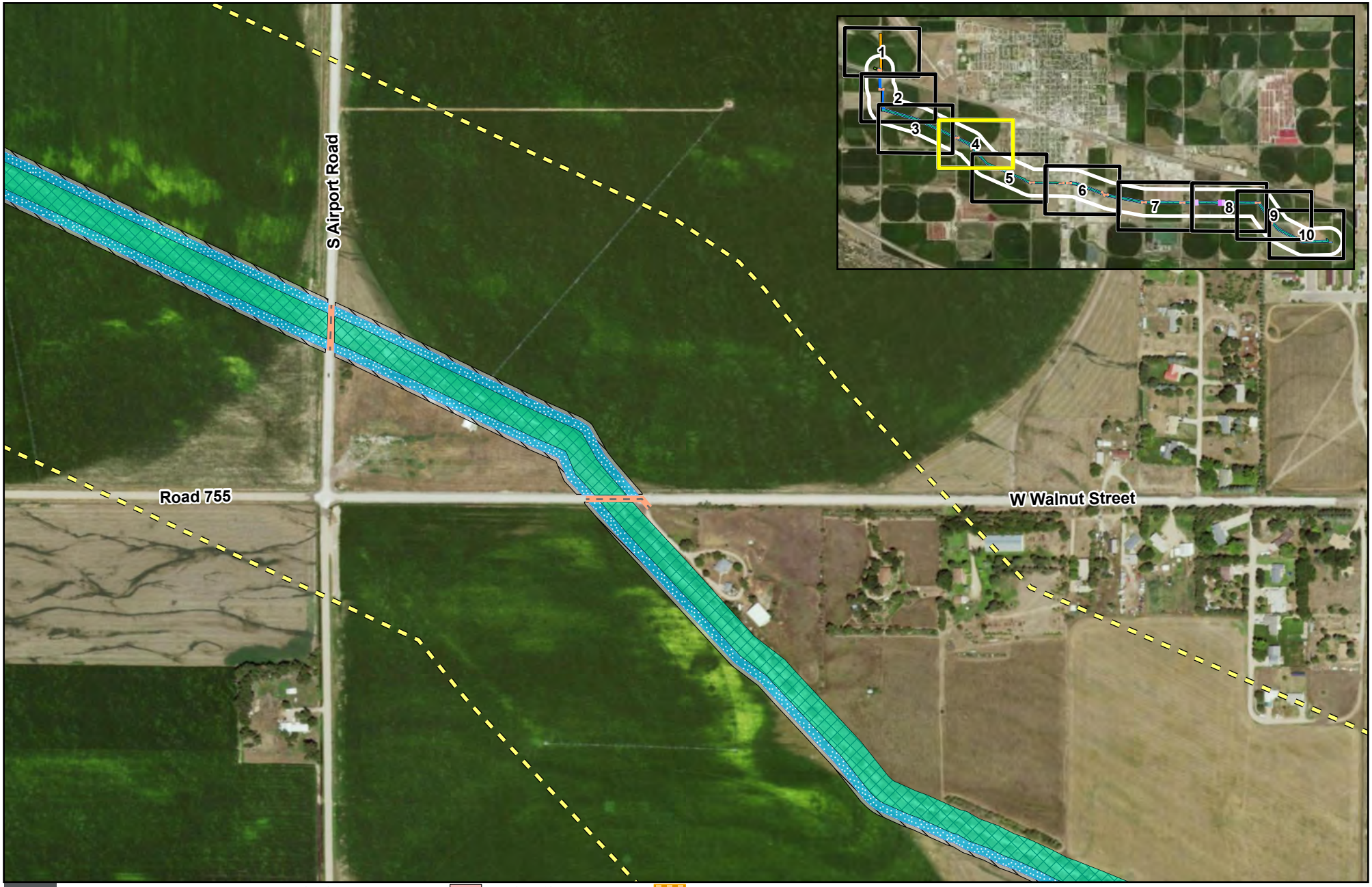
1 inch equals 2,000 feet

- Hydraulic Crossing Replacement
- Hydraulic Crossing
- Lateral Effects
- Road Profile Raise
- New Diversion Channel
- Channel Improvement
- Channel ROW
- Berm
- Berm ROW
- Temporary Easement
- Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

PATH: Z:\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 5/23/2024



0 Feet 250

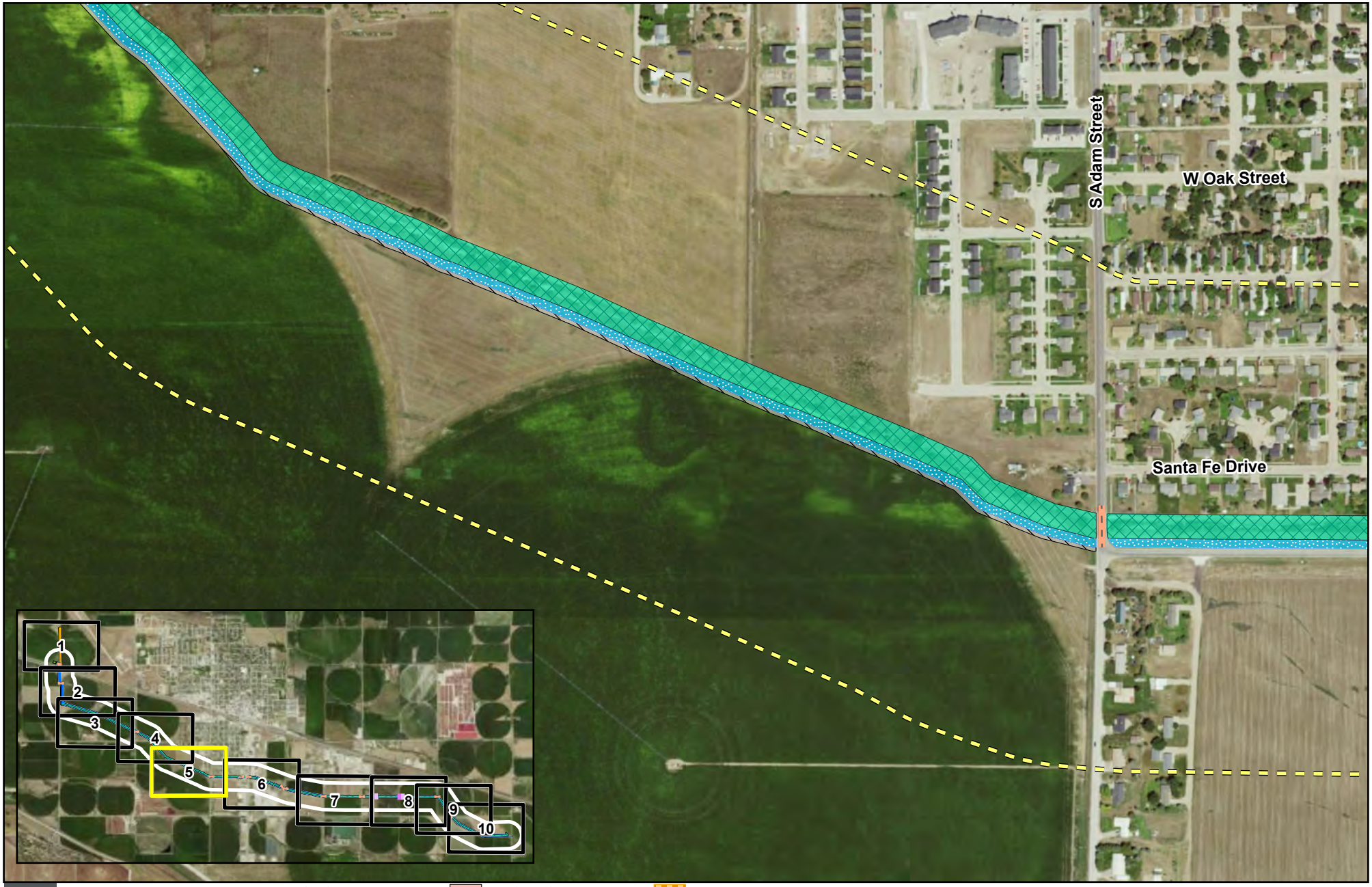
1 inch equals 2,000 feet

- Hydraulic Crossing Replacement
- Hydraulic Crossing
- Lateral Effects
- Road Profile Raise
- New Diversion Channel
- Channel Improvement
- Channel ROW
- Berm
- Berm ROW
- Temporary Easement
- Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-3, PAGE 4 OF 10



0 Feet 250

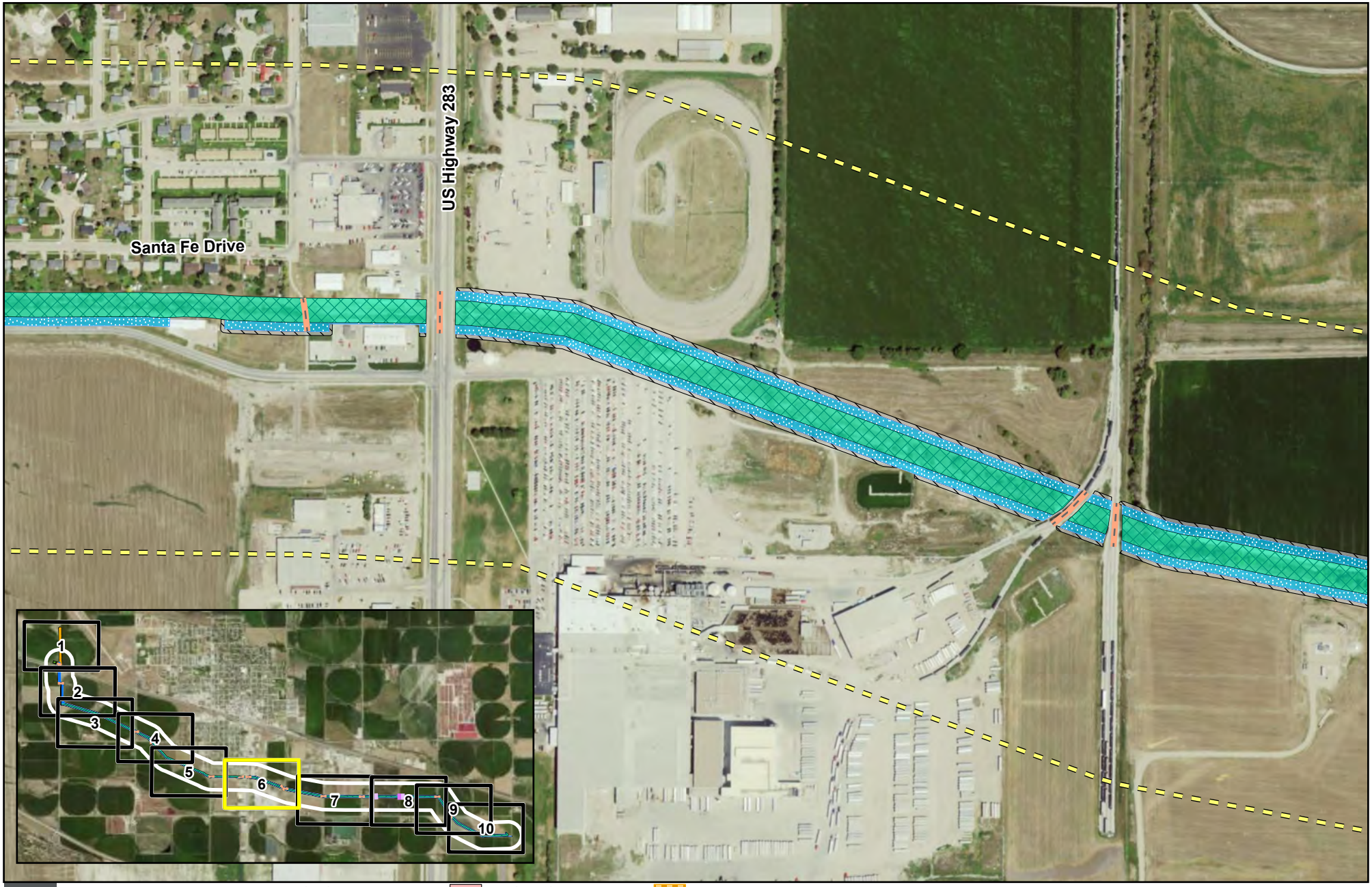
1 inch equals 2,000 feet

- Hydraulic Crossing Replacement
- Hydraulic Crossing
- Lateral Effects
- Road Profile Raise
- New Diversion Channel
- Channel Improvement
- Channel ROW
- Berm
- Berm ROW
- Temporary Easement
- Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

PATH: Z:\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 5/23/2024



0 Feet 250

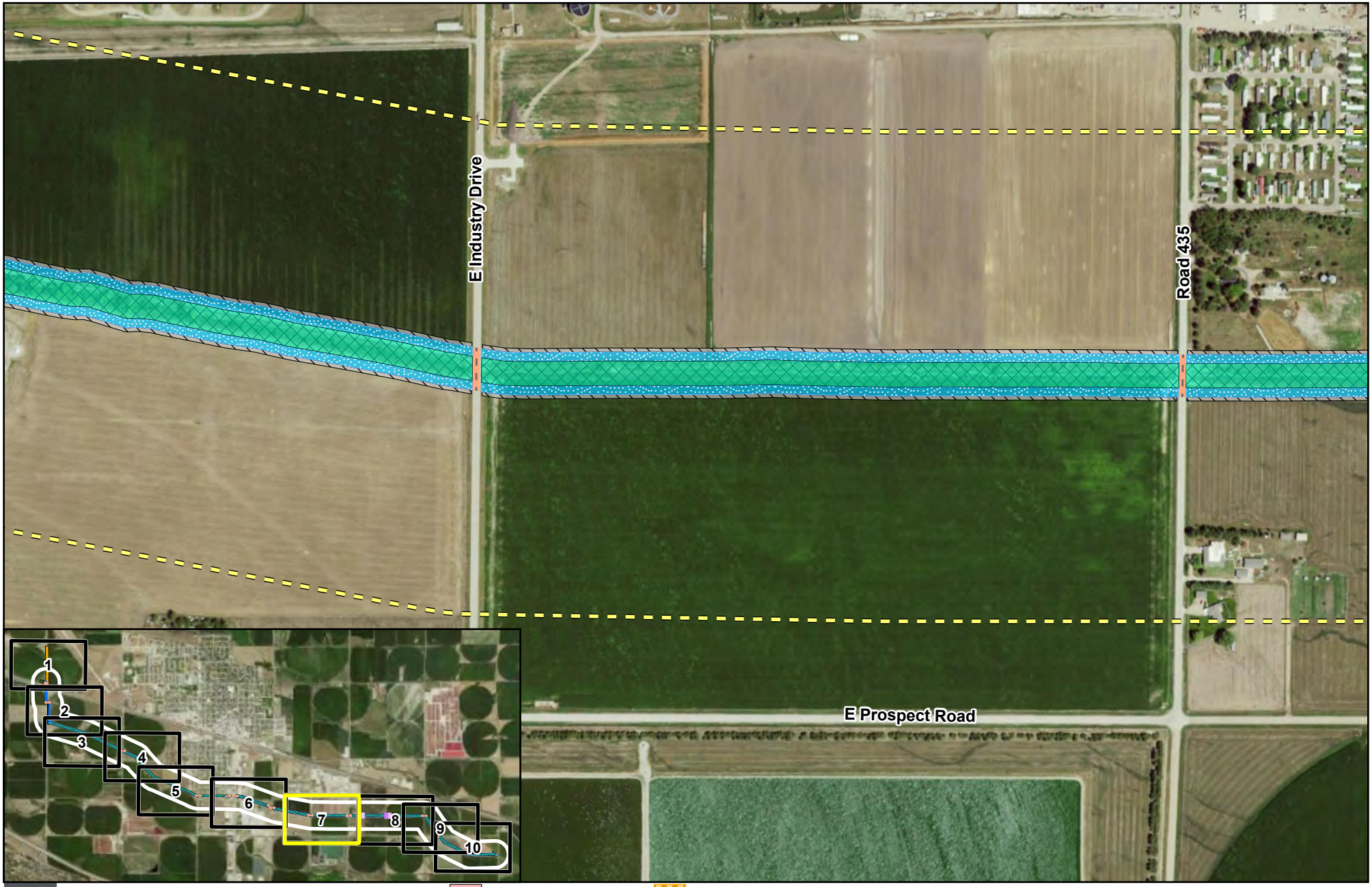
1 inch equals 2,000 feet

Hydraulic Crossing Replacement
Hydraulic Crossing
Lateral Effects
Road Profile Raise
New Diversion Channel
Channel Improvement
Channel ROW
Berm
Berm ROW
Temporary Easement
Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

PATH: Z:\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 5/23/2024



0 Feet 250

1 inch equals 2,000 feet

Hydraulic Crossing Replacement
Hydraulic Crossing
Lateral Effects
Road Profile Raise
New Diversion Channel
Channel Improvement
Channel ROW
Berm
Berm ROW
Temporary Easement
Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

PATH: Z:\CENTRAL_PLATTE_NRD\10231475_SPRINGBUFFALO_CRK_WTRSHD\MAP_DOCS\APRX\SCHMIT_WORKING\CHAPTER5\LEXINGTON_FIGURES.APRX - USER: EMSCHMIT - DATE: 5/23/2024



0 Feet 250

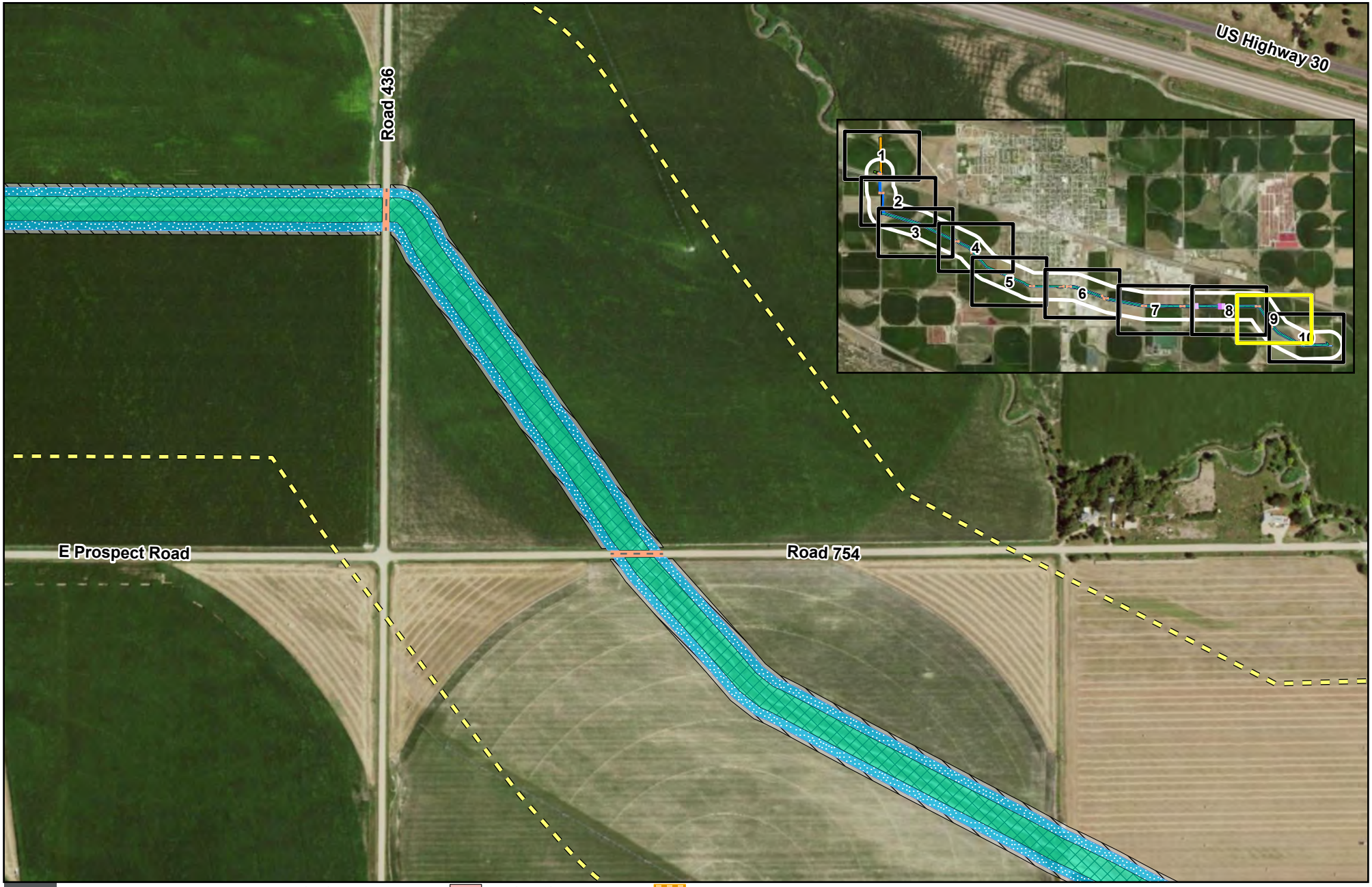
1 inch equals 2,000 feet

Hydraulic Crossing Replacement
Hydraulic Crossing
Lateral Effects
Road Profile Raise
New Diversion Channel
Channel Improvement
Channel ROW
Berm
Berm ROW
Temporary Easement
Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-3, PAGE 8 OF 10



0 Feet 250

1 inch equals 2,000 feet

- Hydraulic Crossing Replacement
- Hydraulic Crossing
- Lateral Effects
- Road Profile Raise
- New Diversion Channel
- Channel Improvement
- Channel ROW
- Berm
- Berm ROW
- Temporary Easement
- Staging Area

LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

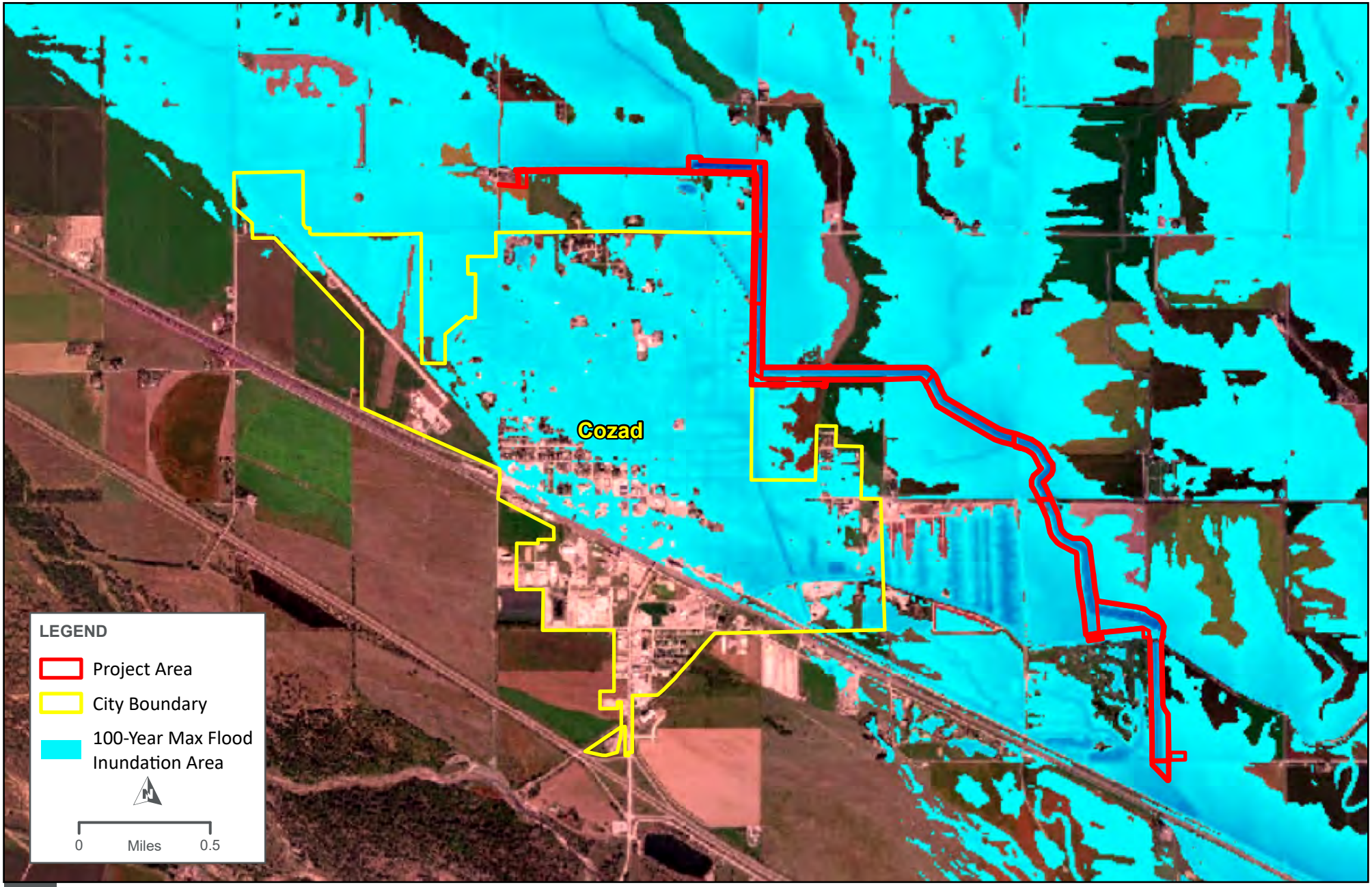
FIGURE 5-3, PAGE 9 OF 10



LEXINGTON SW AFFECTED RESOURCE AREA

SPRING CREEK WATERSHED PLAN - EA

FIGURE 5-3, PAGE 10 OF 10

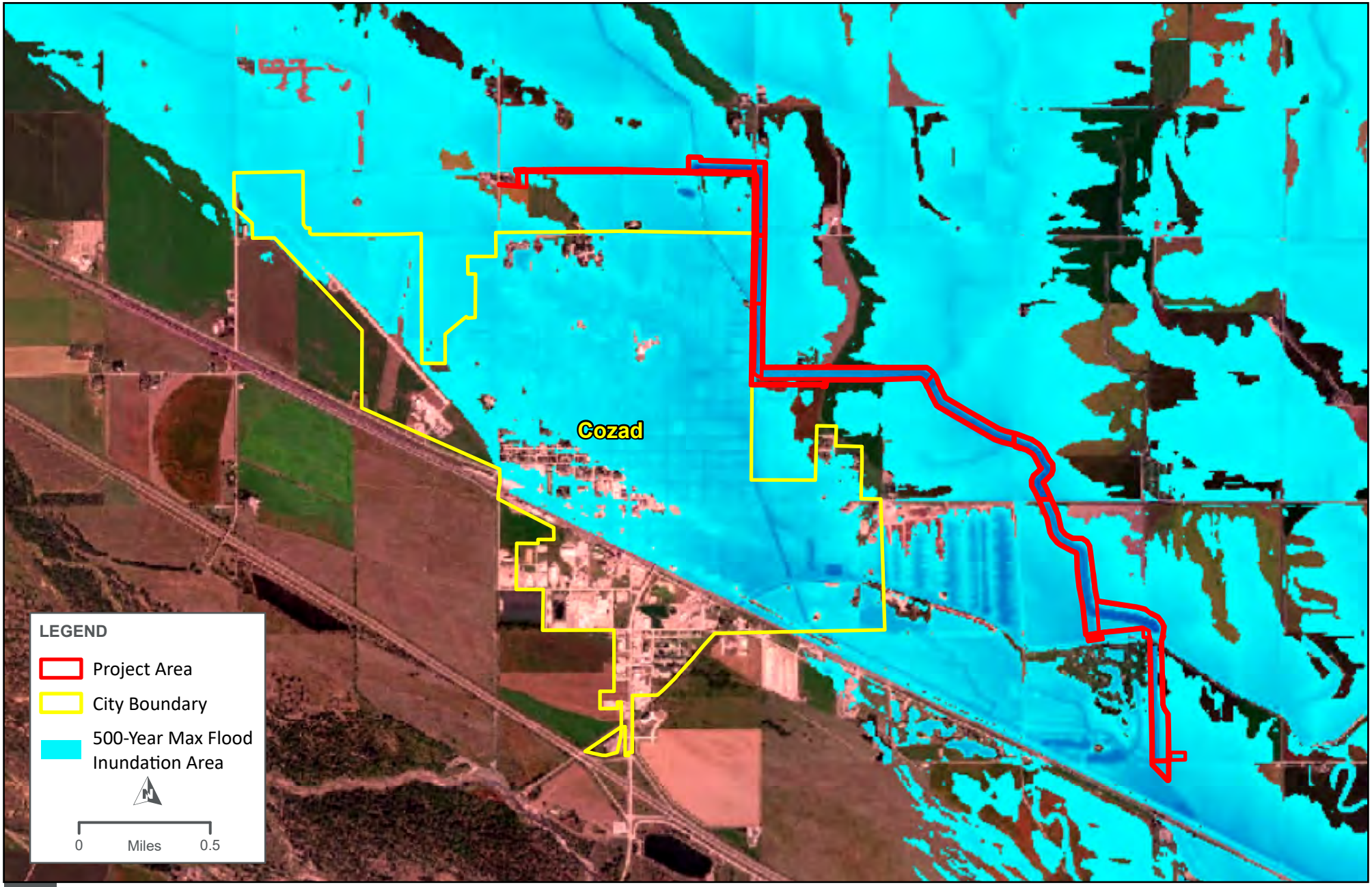


USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

COZAD MODELED POST-PROJECT 100-YEAR MAXIMUM INUNDATION

SPRING CREEK WATERSHED PLAN-EA

FIGURE 5-5A

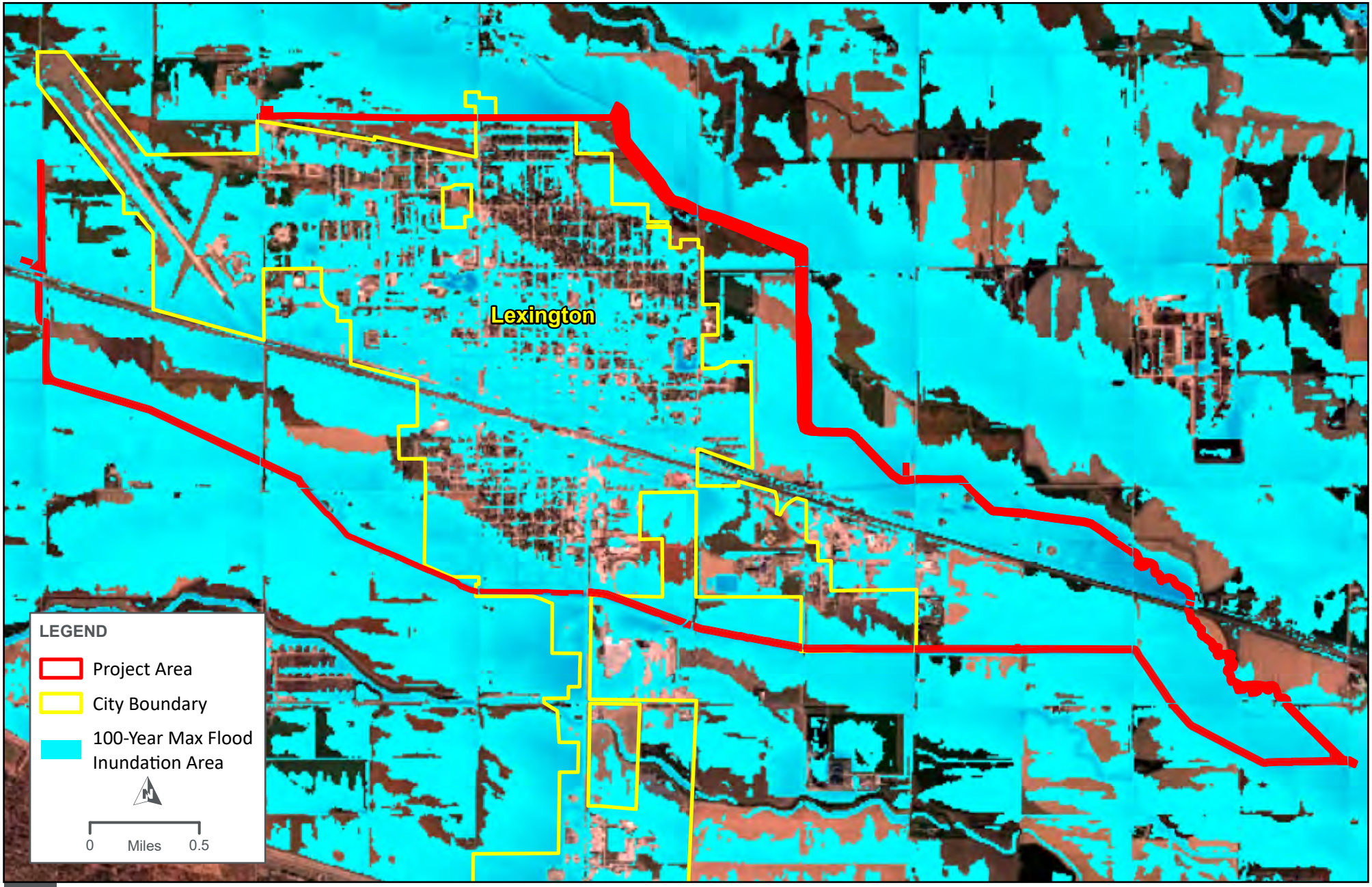


USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

COZAD MODELED POST-PROJECT 500-YEAR MAXIMUM INUNDATION

SPRING CREEK WATERSHED PLAN-EA

FIGURE 5-5B

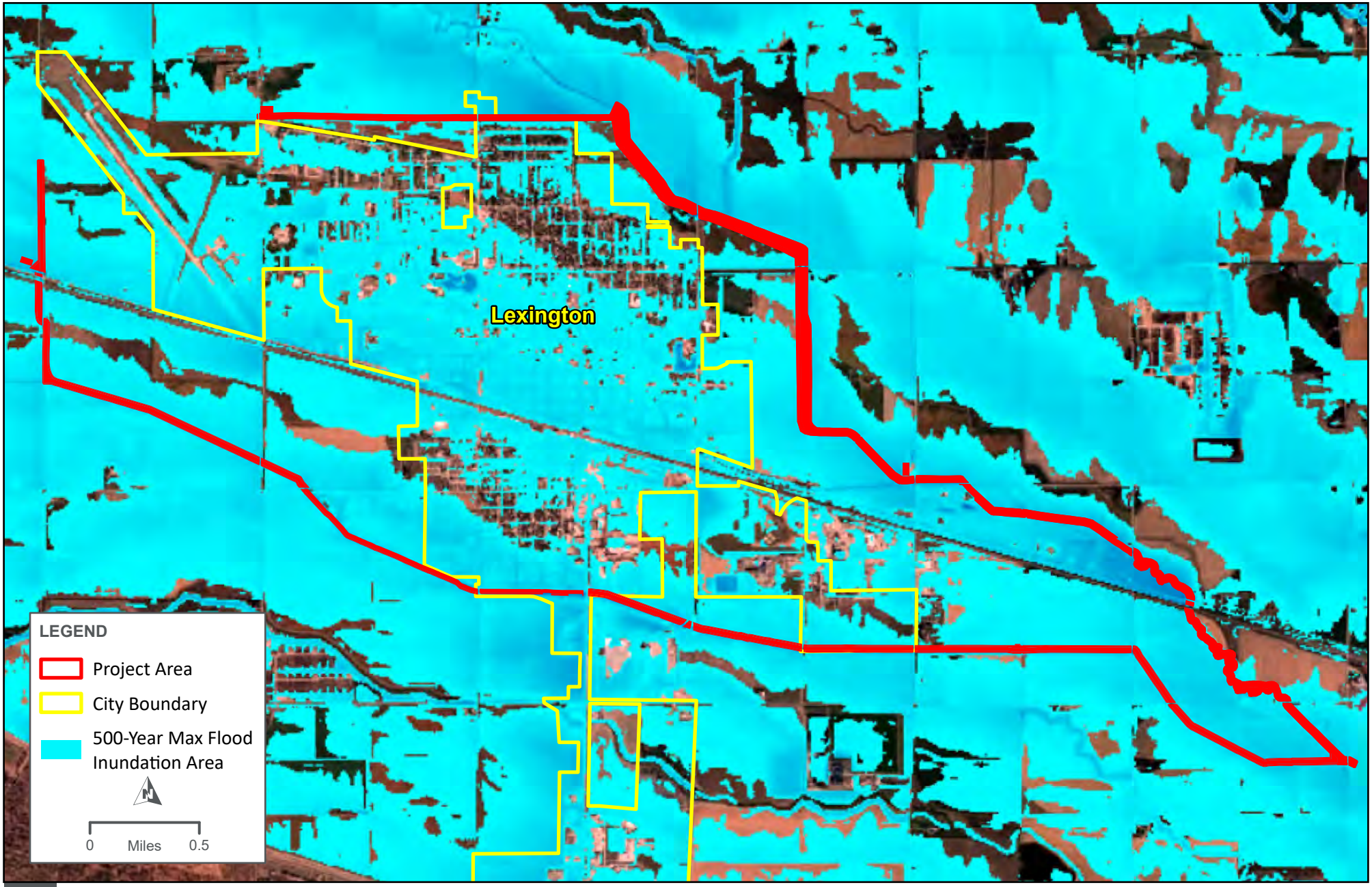


USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

LEXINGTON MODELED POST-PROJECT 100-YEAR MAXIMUM INUNDATION

SPRING CREEK WATERSHED PLAN-EA

FIGURE 5-7A



USDA Natural Resources Conservation Service
U.S. DEPARTMENT OF AGRICULTURE

LEXINGTON MODELED POST-PROJECT 500-YEAR MAXIMUM INUNDATION

SPRING CREEK WATERSHED PLAN-EA

FIGURE 5-7B