Appendix B
Public Participation Materials

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CITY OF LINCOLN NEBRASKA

Watershed News

AUGUST 2013

A publication sponsored by the

City of Lincoln and the Lower Platte South Natural Resources District

South Tributaries Watershed Study

The City of Lincoln (City) and the Lower Platte South Natural Resources District (NRD) are in the process of developing a Comprehensive Watershed Master Plan for the City and its future growth areas. This comprehensive watershed plan is being developed basin by basin, through the completion of watershed master plans for individual watersheds. Watershed master plans are used as planning tools to be referenced in conjunction with proposed development and as a guide in the preparation of future Capital Improvement Projects (CIPs).

The City and NRD have previously adopted watershed master plans for the Antelope Creek, Beal Slough, Stevens Creek, Cardwell Branch, Deadman's Run, Little Salt Creek, Southeast Upper Salt Creek and Stevens Creek basins. Figure 1 shows watersheds in the Lincoln area.

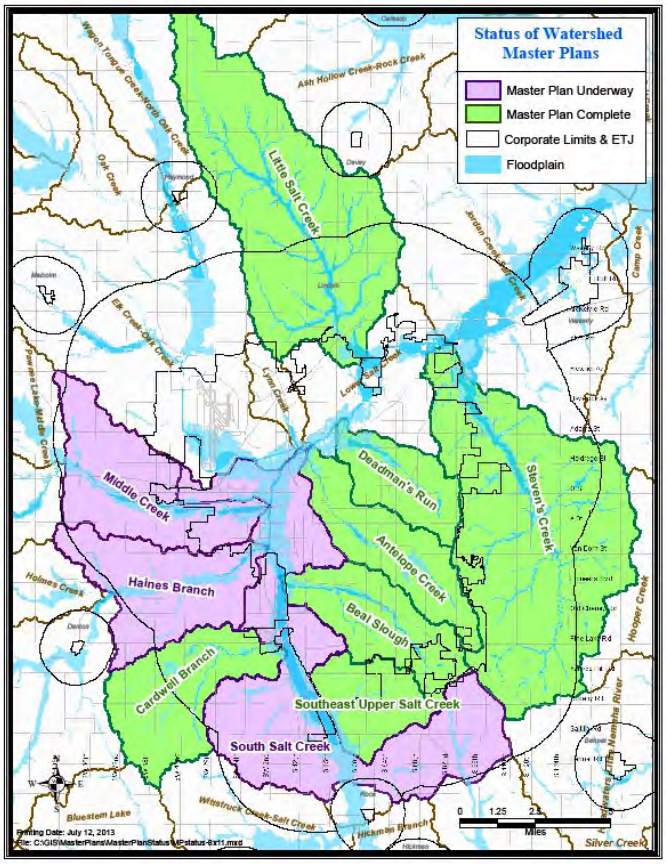

Figure 1

Haines Branch Waterway

The Watershed Master Plans (Master Plans) for the Haines Branch Watershed, Middle Creek Watershed and South Salt Creek Watershed are being prepared because future urban growth within these basins is expected as identified in the City of Lincoln-Lancaster County Comprehensive Plan. The purpose of the Master Plans is to identify needed CIPs for water quality and stream stability and to quantify pre-development hydrologic conditions for sub-basins with potential near-term developments. The Master Plans also identify special or unique areas in the watershed, and additional consideration was given to protecting these areas.

The project team is led by the City and NRD in cooperation with Lancaster County. The City and NRD retained the consultant team of Intuition & Logic (I&L) in association with Heartland Center for Leadership Development and the U. S. Geological Survey to provide assistance with the planning effort.

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Middle Creek Appedix B Page 3 of 45

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Study Methodology

The Haines Branch Watershed, Middle Creek Watershed and South Salt Creek Watershed plans include hydrologic modeling of select sub-basins, water quality investigation, geomorphic field investigation and identification of special and unique areas within the watershed. Each of these study components was considered in the development of potential CIPs. A summary of each component is provided below.

Hydrologic Modeling

The goal of the hydrologic modeling is to identify predevelopment flow rates for areas under development pressure. The predevelopment hydrologic data will provide developers information necessary to design site stormwater amenities.

Water Quality Investigation

The water quality investigation consists of performing water quality sampling at ten locations in the watershed. The purpose of the water quality sampling is to gather dry and wet weather water sample data along the main channels. The goal is to collect two dry weather water samples and one wet weather water sample and test the samples for the following:

- Total suspended solids
- Total phosphorous
- Magnesium
- Calcium
- Sulfate
- pH
- Dissolved oxygen
- Temperature
- Hardness
- Conductivity
- Selenium
- Ammonia
- Total organic carbon
- Copper
- E. Coli

Natural Rock Riffle on Haines Branch

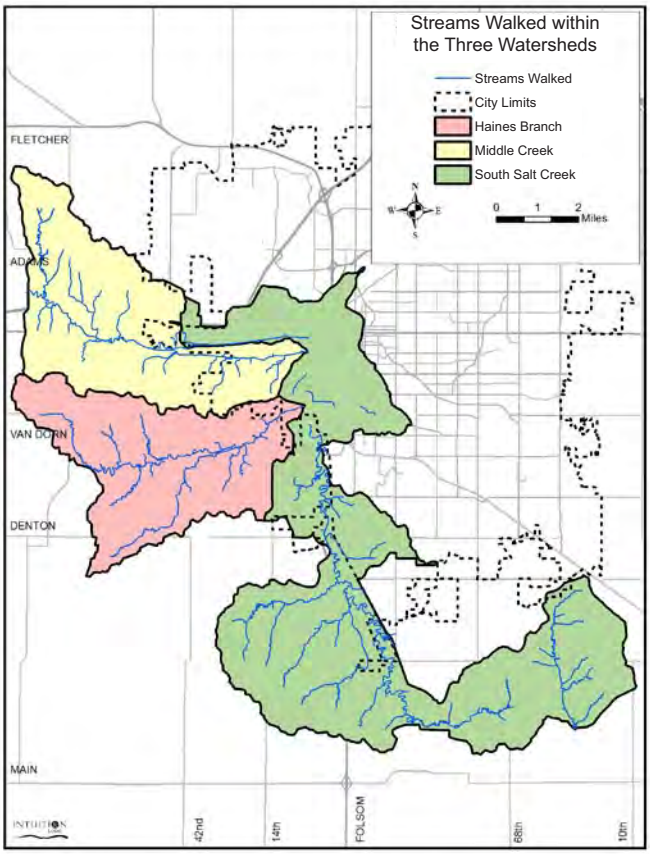

Figure 2

Geomorphic Field Investigation

The geomorphic evaluation is based on field reconnaissance of 130 miles of channel as shown in Figure 2.

Geomorphic data were collected during March and April 2013. The goal of the field investigation is to provide reconnaissance level analysis of stream stability. Field data was collected using the following data categories:

- Bank soil texture and coherence
- Average bank slope
- Average bank height
- Vegetative bank protection
- Bank cutting
- Mass wasting (wedge or slide slope failure)
- Bar development
- Debris jam potential
- Obstructions, flow deflectors and sediment traps
- Channel bed material consolidation and armoring
- Percentage of channel cross section constriction
- Sediment movement

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The data categories are weighted and scored to provide an overall indication of stability for each data point. The data points were then summarized to provide an overall reach score and an opinion of dominant process for each reach based on observations.

Field data was also collected at potential project locations. The following field data was also collected for potential observed projects:

- Project type (bed stabilization and/or bank stabilization)
- Project length
- Brief problem description
- Brief recommended solution description
- Additional notes as needed

The Project Team

This is a joint study led by the City of Lincoln and the Lower Platte South Natural Resources District in coordination with Lancaster County.

The consulting team is comprised of Intuition & Logic in association with the U.S. Geological Survey and the Heartland Center for Leadership Development.

For more information, contact:

Jared Nelson
City of Lincoln Public Works & Utilities Department
Phone: 402-441-4955
E-mail: jlnelson@lincoln.ne.gov

Paul Zillig
Lower Platte South Natural Resources District
Phone: 402-476-2729
E-mail: pzillig@lpsnrd.org

Steep Bank Erosion

Special Areas Consideration

Identification of special areas was conducted to identify unique or special areas containing ecological, archeological, cultural and/or other community assets that merit consideration when developing CIPs. The following methodology was used to identify special areas within the watershed:

- Coordinate with the City, County and NRD to identify and locate known special areas.
- Obtain existing GIS files, and identify previously generated reports containing information regarding known special areas.
- Develop GIS maps of the special areas, develop a list of the areas and what existing documents and data are available, and review the documents to extract information regarding known special areas.
- Use the special areas maps and data to evaluate the effect that developments might have on special areas and what measures need to be considered for developments to mitigate their potential impacts.

Perched and Damaged Infrastructure

Heartland Center for Leadership Development
3110 N. 40th Street
Lincoln, NE 68504

City of Lincoln and Lower Platte South Natural Resources District

Open House

Thursday,

August 15, 2013

5 p.m. to 7 p.m.

Roper Elementary School

North Entrance

2323 S. Coddington Ave.

Public Participation—Watershed Study

The South Tributaries Watershed Study includes a set of public engagement strategies designed to gather public input on this project. Besides three newsletters, two open houses provide an additional opportunity for citizens and landowners to hear updates on the study and talk to staff members and consultants conducting the study.

The first open house on August 15, 2013 will focus on the project scope, goals of the project and the project timeline. It will provide an update of the initial evaluation of the watersheds and information on the project team's determination of the needs of the watershed. The second and final open house will provide an update on the study's findings and present final recommendations from the study team. That open house will be held in spring 2014. Several different information stations offering various plan elements will be available.

Contact the Heartland Center for Leadership Development

402-474-7667 or *info@heartlandcenter.info*

For more information visit the project website:
lincoln.ne.gov (keyword: southtribs)

CITY OF LINCOLN NEBRASKA

Watershed News

APRIL 2014

A publication sponsored by the

City of Lincoln and the Lower Platte South Natural Resources District

South Tributaries Watershed Study

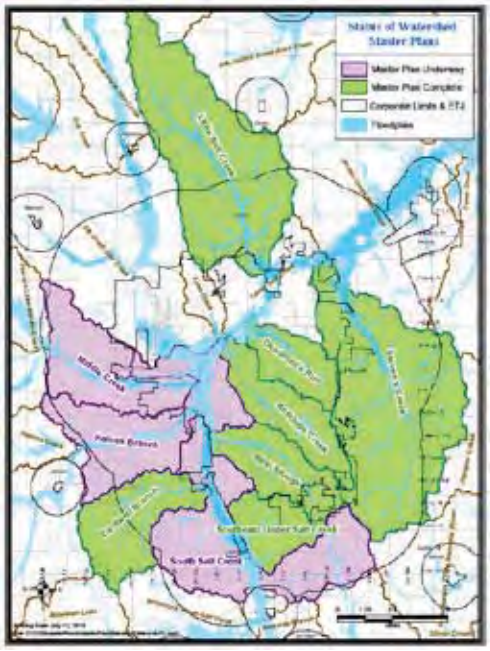

Figure 1

This is the second newsletter for the South Tributaries Watershed Study, which looks at the potential Capital Improvement Projects (CIPs) for the Haines Branch, Middle Creek and South Salt Creek areas. The City of Lincoln (City) and the Lower Platte South Natural Resources District (NRD) are in the process of developing a Comprehensive Watershed Master Plan for the City and its future growth areas. This plan is being developed basin by basin, through the completion of watershed master plans for individual watersheds. Watershed master plans are used as planning tools to be referenced in conjunction with proposed development and as a guide in the preparation of future CIPs. Figure 1 shows watersheds in the Lincoln area and indicates those currently being studied.

Haines Branch Watershed Study Area Master Plans

The major driver of stream instability in the Haines Branch Watershed is incision (downcutting of the channel bottom). Recommended CIP projects are strategically located to prevent the channel from cutting deeper. Bank stabilization is recommended to stop bank erosion and grade control structures are used to protect the channel immediately upstream from further erosion.

Knickpoint at Debris Jam

Middle Creek Watershed Study Area

The major drivers of instability in the Middle Creek Watershed study area are widening and plan form adjustment (channel meandering) along the main stem and incision on the tributaries. Many of the Middle Creek tributaries are managed channels at the tributary confluence with the main stem that have prevented the propagation of incision upstream. For those tributaries that are not managed, incision has substantially moved up the tributary, creating deeply cut channels and leaving crossing roadway culverts perched. In many cases, roadway culverts have stopped the progression of tributary incision at the road crossing.

No structures are threatened by widening or stream bed shifting on the main stem. Instead, the main stem CIPs recommended are grade control projects to stabilize knickpoints in the channel.

Several of the CIPs address culverts and storm pipe outfalls. Stilling basins and outlet scour protection are recommended to protect the channel, banks and culvert outfalls.

Bank stabilization is also included in the CIPs to address bank erosion and mass wasting in areas where infrastructure is threatened.

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South Salt Creek Watershed Study Area

The major drivers of instability in the South Salt Creek Watershed study area are widening on the main stem and incision on the tributaries and Wagon Train main stem.

There are no structures threatened by the widening and, therefore, no CIPs to address widening along the main stem. However, CIPs are recommended to construct grade controls at existing observed knickpoints along the main stem to stop these knickpoints from moving upstream.

High Bank from Erosion

Grade control projects for the tributaries and for the Wagon Train main stem are included in the CIPs to halt active incision and protect the reaches upstream of the grade control. Bank stabilization is also included in the CIPs to address bank erosion and mass wasting in areas where infrastructure is threatened.

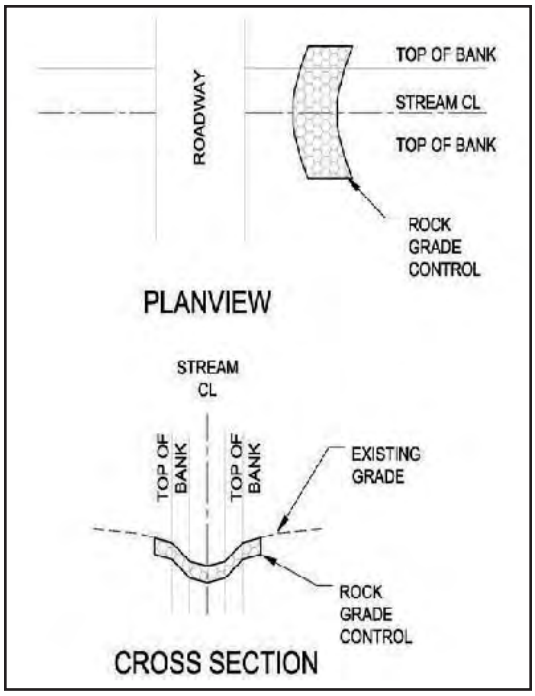

Figure 2: Rock Grade Control Structure Detail

Capital Improvement Project Types

The recommended projects generally fall into one of three categories of projects:

1. Grade Control Projects in the channel bed to prevent downcutting (see Figure 2) — construct grade controls along the main stem and tributaries at select locations to stop incision at these locations.
2. Bank Stabilization Projects on channel banks to protect against erosion (see Figure 3) — construct engineered bank stabilization to protect identified structures from continual bank erosion. Each bank stabilization project includes grade controls at the project limits to protect the stabilized bank from potential future incision and add to the systemic stability of the watershed study area.
3. Outlet Stilling Basin and Scour Protection at culvert outfalls to protect against erosion (see Figure 4) — construct a stilling basin or scour protection at the pipe or culvert outfall to protect the pipe from erosion and undermining due to outfall scour.

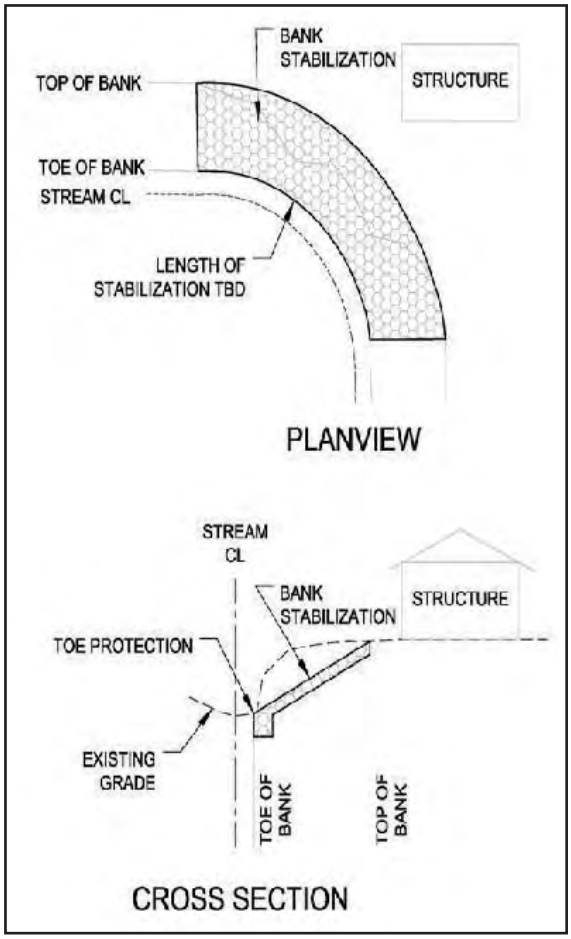

Figure 3: Bank Stabilization Structure Detail

Water Quality Considerations

Water quality impacts are included in the evaluation of potential CIPs. Project evaluation and development took into account the potential water quality impacts which may occur as a result of project construction. Consideration was also given to the benefit the project would provide by reducing channel erosion and protecting stable reaches, therefore lessening sediment loading.

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Special Area Considerations

The process of evaluating the potential CIPs also included a consideration of the potential impacts each project may have on the special areas. Consideration was given to avoiding potential negative impacts during project construction and to the benefits each project provides in terms of protecting the local special areas from unmanaged system instability. Special areas are those that contain ecological, archeological, cultural and/or other community assets that merit consideration when developing CIPs.

Scour Hole Approximately 3 Feet Deep

Prioritization

The recommended CIPs were prioritized using the categories from the Prioritization Methodology Report for Watershed Master Planning Projects, City of Lincoln, Nebraska, 2006. This methodology was developed for the City to set priorities and implement Capital Improvement Programs for watershed master planning each year. The following prioritization categories were used for project ranking:

- **Flooding Impacts:** This category identifies the impact of floodwater encroachment on structures, public or private property, parking lots, public utilities or other infrastructure.
- **Stream Stability:** This category identifies the impacts of channel erosion, plus the transport and undermining of soil by stream flow or overland flow. Channel erosion can threaten structures, public property, parking lots, public utilities or other public infrastructure. Channel erosion can also endanger streams, wetlands, lakes, conservation easements, buffer zones or other natural resources.
- **Water Quality:** This category identifies the impacts of water quality. A number of geomorphic mechanisms can adversely affect water quality through increased pollutant loading.

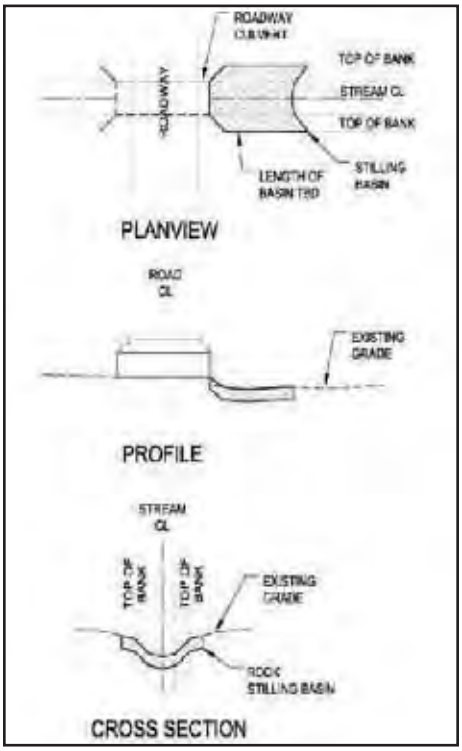

Figure 4: Stilling Basin Structure Detail

- **Safety Factor:** This category identifies benefits to mitigate potential threats to public health and safety. The potential for loss of life or bodily injury may include individuals trapped in structures during flooding or vehicles being swept away by floodwater. A safety factor is generally associated with projects addressing structural or non-structural flooding, although safety may be associated with stream stability or water quality projects.
- **Miscellaneous Factors:** This category identifies various other miscellaneous factors and additional considerations that have not been addressed in the previous four categories. Examples of other factors include but are not limited to: project location, development status, adjacent projects, complaints and outside funding opportunities.

This ranking system was specifically developed for Capital Improvement Projects proposed as part of the on-going watershed master planning efforts. Ranking worksheets were used to assign points under each category, with the goal of developing an overall score. The projects with the highest point score are considered a higher priority.

What's Next

An open house is set for Thursday, May 8th, at Roper Elementary School, where the CIP projects for the three basins will be presented and the consultants along with the city staff will be available for questions. After the open house, the CIP projects will be finalized and a final report will be prepared for each basin and presented to the City Council for consideration for adoption.

Heartland Center for Leadership Development
3110 N. 40th Street
Lincoln, NE 68504

City of Lincoln and Lower Platte South Natural Resources District

Open House

Thursday, May 8, 2014

5 p.m. to 7 p.m.

Roper Elementary School

North Entrance

2323 S. Coddington Ave.

We encourage you to attend the Open House to learn more about the Capital Improvement Projects. In addition to the CIPs, some projects were identified on private property that protect private structures. Information on these projects will be available upon request at the public meeting.

CITY OF LINCOLN NEBRASKA

NOTICE OF CITY'S NON-DISCRIMINATION POLICY

The City of Lincoln is an Equal Opportunity employer and, therefore, does not discriminate in its programs and services because of race, color, religion, sex, disability, national origin, age, marital status, or political opinions or affiliations, in accordance with 1964 Civil Rights Act and Title 11 of the Lincoln Municipal Code. Any person who believes that s/he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with our agency.

Any such complaint must be in writing and filed with this agency within **60** days following the date of the alleged discriminatory occurrence. For information on our non-discrimination obligations or how to file a complaint, please contact the City of Lincoln by any of the methods listed below:

On the accessible website at: Lincoln.ne.gov
Lin Quenzer, Ombudsman
Mayor's Office
555 S. 10th Street
Lincoln, NE 68508
402 441 7511

If this information is needed in another language, please visit our website or contact the Ombudsman as set forth above.

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Lincoln Commission On HUMAN RIGHTS

For more information visit the project website: lincoln.ne.gov (keyword: southtribs) or contact:

Jared Nelson, City of Lincoln Public Works & Utilities Department, Phone: 402-441-4955 E-mail: jlnelson@lincoln.ne.gov

Paul Zillig, Lower Platte South Natural Resources District, Phone: 402-476-2729 E-mail: pzillig@lpsnrd.org

CITY OF LINCOLN NEBRASKA

Watershed News

OCTOBER 2014

A publication sponsored by the

City of Lincoln and the Lower Platte South Natural Resources District

South Tributaries Watershed Study

Introduction

The City of Lincoln (City) and the Lower Platte South Natural Resources District (NRD) are in the process of developing a Comprehensive Watershed Master Plan for the City of Lincoln and its future growth areas. This Comprehensive Watershed Master Plan is being developed basin by basin, through the completion of Watershed Master Plans for individual basins. Watershed Master Plans are used as planning tools to be referenced in conjunction with proposed development and as a guide in the preparation of future Capital Improvement Projects (CIPs).

Current Watershed Master Plans under way include Haines Branch, Middle Creek and South Salt Creek. The City and NRD have previously adopted Watershed Master Plans for the Antelope Creek, Beal Slough, Cardwell Branch, Deadman's Run, Little Salt Creek, Southeast Upper Salt Creek and Steven's Creek basins.

Figure 1 shows the basins in the Comprehensive Watershed Master Plan. The project team was led by the City and NRD, in cooperation with Lancaster County (County). The City/NRD retained the consultant team of Intuition & Logic (I&L), in association with the U.S. Geological Survey (USGS) and the Heartland Center for Leadership Development (HC).

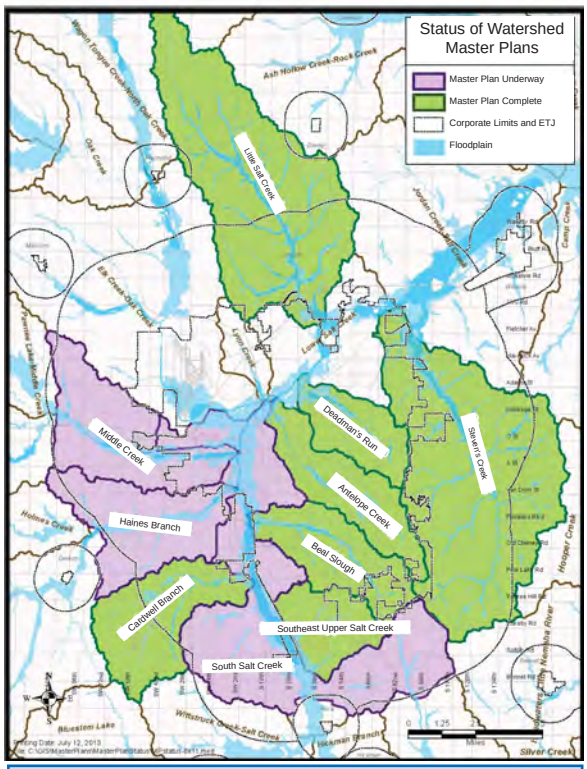

Figure 1

Bank erosion

Capital Improvement Projects (CIPs)

The results of geomorphic, water quality and special area evaluations formed the foundation for identifying problem areas in the watershed. Potential improvement projects addressing each problem area were evaluated based on design considerations, economic feasibility and overall efficiency.

The recommended projects were categorized using the prioritization categories from the Prioritization Methodology Report for Watershed Master Planning Projects, City of Lincoln, Nebraska, 2006. The prioritization methodology was developed for the City to set priorities and implement projects for watershed master planning each year. The prioritization system contains five major categories including flooding impacts, stream stability, water quality, safety factors and miscellaneous factors.

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Exposed pipes in channel

Funding options for the CIPs include City stormwater bonds, funding from the NRD or State of Nebraska (where appropriate) and County funding for stream stability measures in association with County road improvement projects.

Haines Branch

The Haines Branch Watershed Study Area is located within and west of the City, to the west of Salt Creek and is about 17.5 square miles, as illustrated in Figure 2. The studied portion of the watershed is about seven miles long with a maximum width of about five miles. There are more than 93 miles of open channel within the Watershed Study Area.

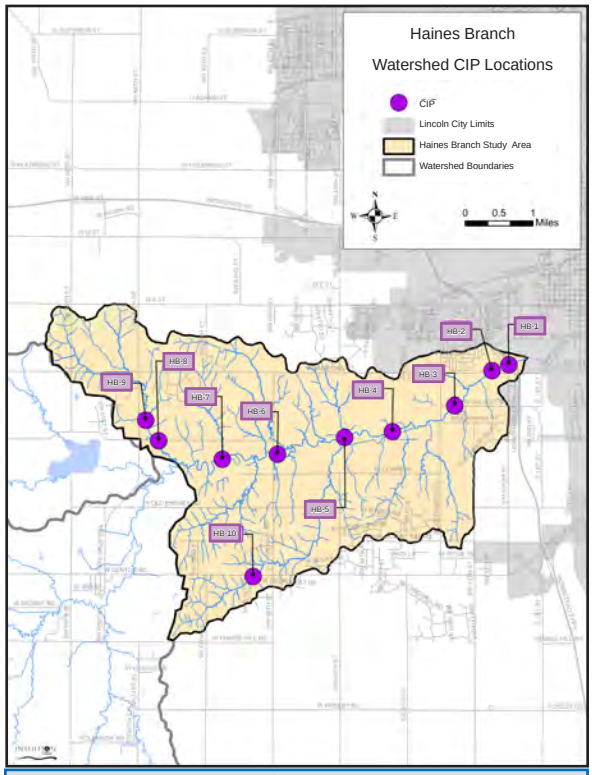

Figure 2

The Haines Branch Watershed Master Plan includes 10 stream stability CIPs. The general locations of the projects are shown in Figure 2. The main stem of the stream is incising, widening and suffering from plan form adjustment (where the centerline moves laterally) causing widespread bank failures, mass wasting and sediment generation. Sediment released from incision and subsequent bank failures could threaten property and natural resources along the channel. These 10 CIPs were developed for the Haines Branch Study Area to hold the grade of the channel, reducing the erosion and sediment released.

Projects HB-1, HB-3 through HB-7, HB-9 and HB-10 are grade controls along the main stem and tributaries to stop channel incision from advancing upstream. Continued incision can cause erosion and bank failures that could threaten structures. Project HB-1 also includes a pipe outfall restoration to prevent scour and erosion of the pipe outfall and stream bank. Projects HB-2 and HB-8 use bank stabilization and associated grade controls to stop erosion and protect nearby roads.

Perched culvert

The total cost for all 10 Haines Branch Watershed Master Plan CIPs is estimated to be about $2.3 million using 2014 material and construction costs.

Knick point in channel

Middle Creek

The Middle Creek Watershed Study Area is located within and west of the City, to the west of Salt Creek and is about 17 square miles, as illustrated in Figure 3. The studied portion of the watershed is about seven miles long with a maximum width of about six miles. There are more than 81 miles of open channel within the Watershed Study Area.

The Middle Creek Watershed Master Plan includes seven stream stability capital improvement projects. The general locations of the projects are shown in Figure 3. Projects MC-1, MC-2, MC-5 and MC-7 are grade controls along the main stem and tributaries to stop channel incision from advancing upstream. Continued incision can cause erosion and bank failures that could threaten structures. Sediment released from incision and subsequent bank failures could threaten property and natural resources along the channel. These grade controls will hold the profile grade of the channel, reducing the erosion and sediment released.

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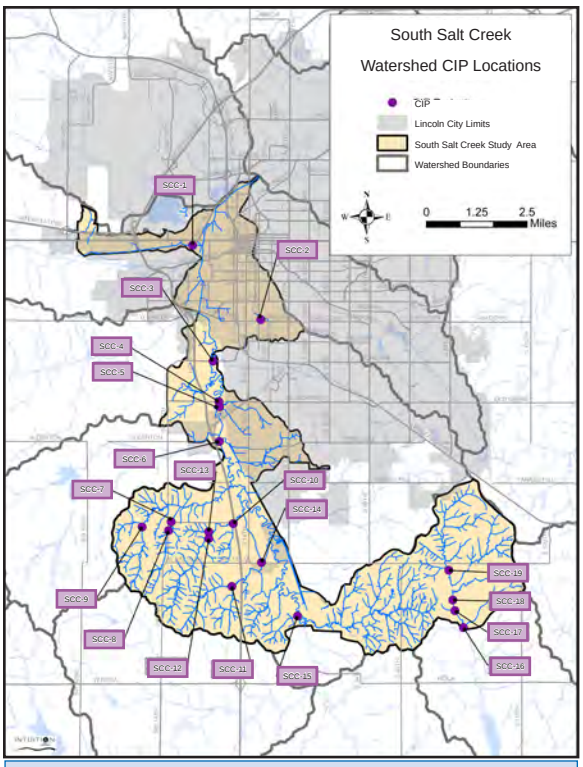

Figure 4

Project MC-3 involves replacing the culvert outfalls and constructing scour protection at each location to stop the erosion. Project MC-6 is a stilling basin at the outfall of an existing culvert in the 7400 block of West O Street. Channel erosion and incision have caused the existing culvert outfall to be perched above the channel, thereby threatening the stability of the culverts. The stilling basin at the downstream end of the culvert will dissipate energy and protect the outfall. Project MC-4 is a bank stabilization with associated channel modification to stop erosion along a tributary and protect South Coddington Avenue.

The total cost for all seven Middle Creek Watershed Master Plan CIPs is estimated to be about $1.7 million using 2014 material and construction costs.

South Salt Creek

The South Salt Creek Watershed Master Plan includes 19 stream stability CIPs. The general locations of the projects are shown in Figure 4. The dominant process on the South Salt Creek main stem is widening, and there is a strong indication of potential future incision as evidenced by the presence of knick points in the channel. The widening does not threaten any structures, therefore, no CIPs address widening along the main stem.

Projects SSC-1, SSC-6, SSC-9, SSC-11 and SSC-15 through 19 are grade controls along the main stem and tributaries to halt active incision and protect the reaches upstream of the grade control. Continued incision can cause erosion and bank failures that could threaten structures. Project SSC-2 involves bank stabilization with associated grade controls in Irvingdale Park. Projects SSC-7, SSC-8 and SSC-12 through SSC-14 involve stilling basins to protect the culvert outfalls.

The total cost for all 19 CIPs is estimated to be about $6.7 million using 2014 material and construction costs.

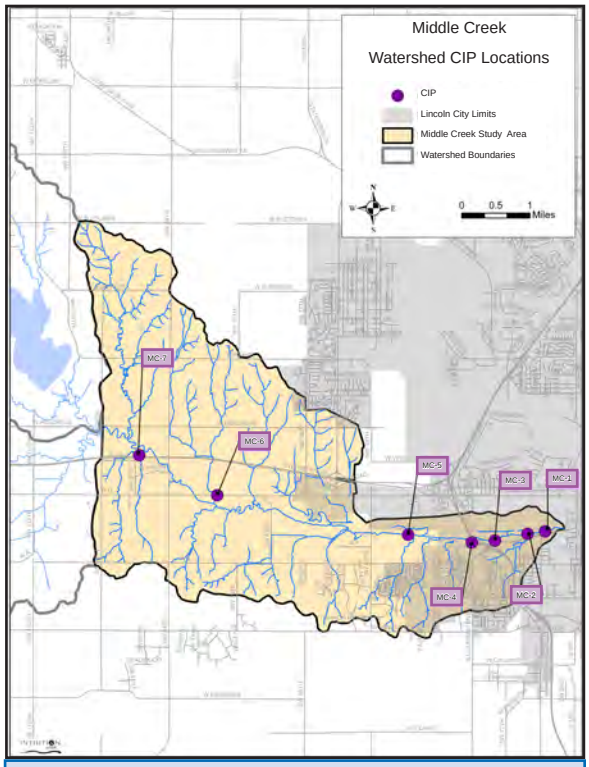

Figure 3

Tributary erosion at confluence

Public Participation

As part of the Master Plan development, a public participation process was used to solicit input from area residents and other interested parties. The public participation process included the following:

- Two open houses in August 2013 and May 2014
- Project updates and information on the City's website to post preliminary results and upcoming events
- A series of three newsletters mailed to more than 1,300 individuals and organizations

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Heartland Center for Leadership Development
3110 N. 40th Street
Lincoln, NE 68504

City of Lincoln and Lower Platte South Natural Resources District

The public input and feedback received during this process were used by the project team to formulate and refine the Master Plan recommendations.

These Master Plans will be proposed for formal adoption by the City, County and NRD. The City and County will host public hearings regarding the Master Plans that will provide an opportunity for additional public input. The NRD will take action at its Board meeting which is open to the public. Please watch the following websites for dates for these meetings:

Lower Platte South NRD: ***lpsnrd.org***

City County Planning Commission: ***lincoln.ne.gov***

Lancaster County Board: ***lancaster.ne.gov***

Lincoln City Council: ***lincoln.ne.gov***

NOTICE OF THE CITY'S NON-DISCRIMINATION POLICY

The City of Lincoln is an Equal Opportunity employer and, therefore, does not discriminate in its programs and services because of race, color, religion, sex, disability, national origin, age, marital status, or political opinions or affiliations, in accordance with 1964 Civil Rights Act and Title 11 of the Lincoln Municipal Code. Any person who believes that s/he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with our agency.
Any such complaint must begin in writing and filed with this agency within **60** days following the date of the alleged discriminatory occurrence. For information on our non-discrimination obligations or how to file a complaint, please contact the City of Lincoln by any of the methods listed below:

On the accessible website at: Lincoln.ne.gov
Lin Quenzer, Ombudsman
Mayor's Office
555 S. 10th Street
Lincoln, NE 68508
402-441-7511

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For more information visit the project website: lincoln.ne.gov (keyword: southtribs) or contact:

Jared Nelson, City of Lincoln Public Works and Utilities Department, 402-441-4955 jlnelson@lincoln.ne.gov

Paul Zillig, Lower Platte South Natural Resources District, 402-476-2729 pzillig@lpsnrd.org

APPENDIX B

OPEN HOUSE 1 SUMMARY

Salt Creek South Tributaries Master Plans Open House

The first of two open houses for the Salt Creek South Tributaries Master Plan was held on Thursday, August 15, 2013, from 5:00 p.m. to 7:00 p.m. at the Roper Elementary School multipurpose room at 2323 South Coddington in Lincoln, Nebraska.

The format of the open house included a series of information stations on creek channels, water quality, special areas and GIS. A welcome table and a comment table were also provided. Staff from Intuition and Logic, Lancaster County, the Heartland Center for Leadership Development, the City of Lincoln, the Lower Platte South NRD, and the United States Geological Survey were available at these stations to answer questions.

In order to promote the open house, the Heartland Center distributed over 1000 newsletters (Watershed News) to residents and stakeholders, using a list provided by the City of Lincoln. Watershed News contained project information as well as an advertisement for the open house. The City of Lincoln provided digital signs at eight locations within the watershed. In all, 51 people signed in at the registration table.

A separate comment card table provided citizens with the opportunity to add their input about the project and drop the card off to project staff that evening or mail it to the Heartland Center. To date, no comments have been received.

South Tributaries Watershed Study Open House

Thursday, August 15, 2013 Roper Elementary School

Name	Phone	Email
ANNETTE CAMPBELL	402-476-1009	annettesonline@juno.com
Address	**City**	**Zip**
6009 SW 24th ST	LINCOLN	68522
Name	**Phone**	**Email**
SCOTT ANDERSON	432-0415	
Address	**City**	**Zip**
3000 W. "A"	LINCOLN	68522
Name	**Phone**	**Email**
Robert Sanburn	440-6531	—
Address	**City**	**Zip**
5959 Alpine Ct.	Denton	68339
Name	**Phone**	**Email**
Jeff Tyson	402 4751303	jtyson@peoplescitymission.org
Address	**City**	**Zip**
1926 W. Mulberry Ct	Lincoln NE	68522
Name	**Phone**	**Email**
AL Laukaitis	473-7243.	
Address	**City**	**Zip**
Journal Star		
Name	**Phone**	**Email**
Ben Higgins	402-441-7589	
Address	**City**	**Zip**
Public works		
Name	**Phone**	**Email**
Ed Kouma	441-7018 ~~402-441-49~~	
Address	**City**	**Zip**
Public Works		
Name	**Phone**	**Email**
J.B. Dixon	402-438-7530	
Address	**City**	**Zip**
FHU		
Name	**Phone**	**Email**
Rod & Linda Witfoth		
Address	**City**	**Zip**
1940 W. Hill	Lincoln	68522
Name	**Phone**	**Email**
Ephraim Garner	254-307-1374	
Address	**City**	**Zip**
3747 SW 16th St	Lincoln	68522

South Tributaries Watershed Study Open House

Thursday, August 15, 2013 Roper Elementary School

Name	Phone	Email
Michelle Furby	402-438-5377	michelleturby@windstream.net
Address	**City**	**Zip**
1350 SW 24th Street	Lincoln	68522
Name	**Phone**	**Email**
Tim Furby	402-438-5377	timfurby@windstream.net
Address	**City**	**Zip**
1350 SW 24th Street	Lincoln	68522
Name	**Phone**	**Email**
PAUL ZILLIG		
Address	**City**	**Zip**
LPSNRD		
Name	**Phone**	**Email**
Dan W Kittell	499 0907	
Address	**City**	**Zip**
Name	**Phone**	**Email**
RICK Smith	402 310 7092	
Address	**City**	**Zip**
1923 SW 34th	LINCOLN	68522
Name	**Phone**	**Email**
Taylor Murphy	780-4207	
Address	**City**	**Zip**
1642 W DURAham	Lincoln	68522
Name	**Phone**	**Email**
Terry Lage	4024402585	terry.lage@fmcag.com
Address	**City**	**Zip**
Name	**Phone**	**Email**
Joe Binge	402 416 3675	jbinge@netscape.net
Address	**City**	**Zip**
3421 W. Peach St	Lincoln	68522
Name	**Phone**	**Email**
Bob Finke	402-580-5331	
Address	**City**	**Zip**
408 SW 23	Lincoln	68522
Name	**Phone**	**Email**
Paul Casburn	402-499-6303	
Address	**City**	**Zip**
1701 S.W. 33rd	Lincoln	68522

* Need Newsletter

South Tributaries Watershed Study Open House

Thursday, August 15, 2013 — Roper Elementary School

Name	Phone	Email
Sara Hartzell		
Address: Planning	City	Zip

Name	Phone	Email
Kevin Krause		
Address: 2045 D St	City: Lincoln	Zip: 68572

Name	Phone	Email
* Christine + Phil Carman	464-7226	ccarman@lps.org
Address: 8005 W. Pioneers Blvd	City: Denton	Zip: 68339

Name	Phone	Email
Jared Nelson	441-4455	jnelson@lincoln.ne.gov
Address: City of Lincoln	City	Zip

Name	Phone	Email
* John A Herrod	402-477-4770	
Address: 2500 W Van Dorn	City	Zip: 68522

Name	Phone	Email
* Sam Sampson	402-434-5456	
Address: 5730 So 14	City: Lincoln	Zip: 68502

Name	Phone	Email
Don Jacobson		
Address: 2523 West A	City: Lincoln	Zip: 68522

Name	Phone	Email
* Jeanette A Carney	402-429-0852	jcarney2001@nb.rr.com
Address: 2301 W Millstone Rd	City: Lincoln	Zip: 68522

Name	Phone	Email
* Jeff Koyle	402 474-2705	
Address: 1231 W. Burnham St.	City: Lincoln	Zip: 68522

Name	Phone	Email
Charles Horner	402-310-0382	cshorner@windstream.net
Address	City	Zip

South Tributaries Watershed Study Open House

Thursday, August 15, 2013 — Roper Elementary School

Name	Phone	Email
Nick Reagan	402-740-7013	
Address	**City**	**Zip**

Name	Phone	Email
* Jolene Wagner	402-486-4844	
Address	**City**	**Zip**

Name	Phone	Email
Brad Finch		
Address	**City**	**Zip**
* 1911 West Apricot Lane		

Name	Phone	Email
Karen Amen	402.499.7930	
Address	**City**	**Zip**
* 3220 Joy Ct	Lincoln	68502

Name	Phone	Email
[illegible]	402-423-0484	
Address	**City**	**Zip**
4605 S. Cottington Ave	Lincoln	68523

Name	Phone	Email
Arlene Geer		
Address	**City**	**Zip**
1425 SW 22nd St		68522

Name	Phone	Email
Bill Vocasek	Lincoln	bvocasek@neb.rr.com
Address	**City**	**Zip**
1903 W Mulberry Ct	NE	68522

Name	Phone	Email
Address	**City**	**Zip**

Name	Phone	Email
Address	**City**	**Zip**

Name	Phone	Email
Address	**City**	**Zip**

South Tributaries Watershed Study Open House

Thursday, August 15, 2013 Roper Elementary School

Name	Phone	Email
Brian Kurpgewett	(402) 639-7930	nelumberjack@hotmail.com
Address	**City**	**Zip**
3610 W. Garfield St 2601	Lincoln Ne.	68522
Name	Phone	Email
Mike Rock	(402) 217-3636	
Address	City	Zip
1406 SW 15th	Lincoln	68522
Name	Phone	Email
Marilyn Schneider		
Address	City	Zip
5801 S.W. 40	Lincoln	68523
Name	Phone	Email
David Miller	402 464-1628	milwrench@aol.com
Address	City	Zip
2332 W. Washington St.	Lincoln	68522
Name	Phone	Email
Skye Wills	402-261-4385	skye.wills@gmail.com
Address	City	Zip
1963 Timber Ridge Rd	Lincoln	68522
Name	Phone	Email
Address	City	Zip
Name	Phone	Email
Address	City	Zip
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Address	City	Zip
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Address	City	Zip

South Tributaries Watershed Study Open House

Thursday, August 15, 2013 Roper Elementary School

Name	Phone	Email
Hesston M		
Address	**City**	**Zip**
SW 36th Street		

Name	Phone	Email
Ken, Julie, & Spencer Krenk		
Address	**City**	**Zip**
1611 SW 14 St.		

Name	Phone	Email
Elaine Hammer		yowhaner
Address	**City**	**Zip**
5000 M1		

Name	Phone	Email
Rod + Bobbi Adams	402-499-1561	
Address	**City**	**Zip**
2210 W. Laguna Rd.	Lincoln	NE

Name	Phone	Email
Margarita Perez	~~Lmer~~	
Address	**City**	**Zip**
1809 Timber Ridge Rd	Lincoln	68522

Name	Phone	Email
Address	**City**	**Zip**

Name	Phone	Email
Address	**City**	**Zip**

Name	Phone	Email
Address	**City**	**Zip**

Name	Phone	Email
Address	**City**	**Zip**

Name	Phone	Email
Address	**City**	**Zip**

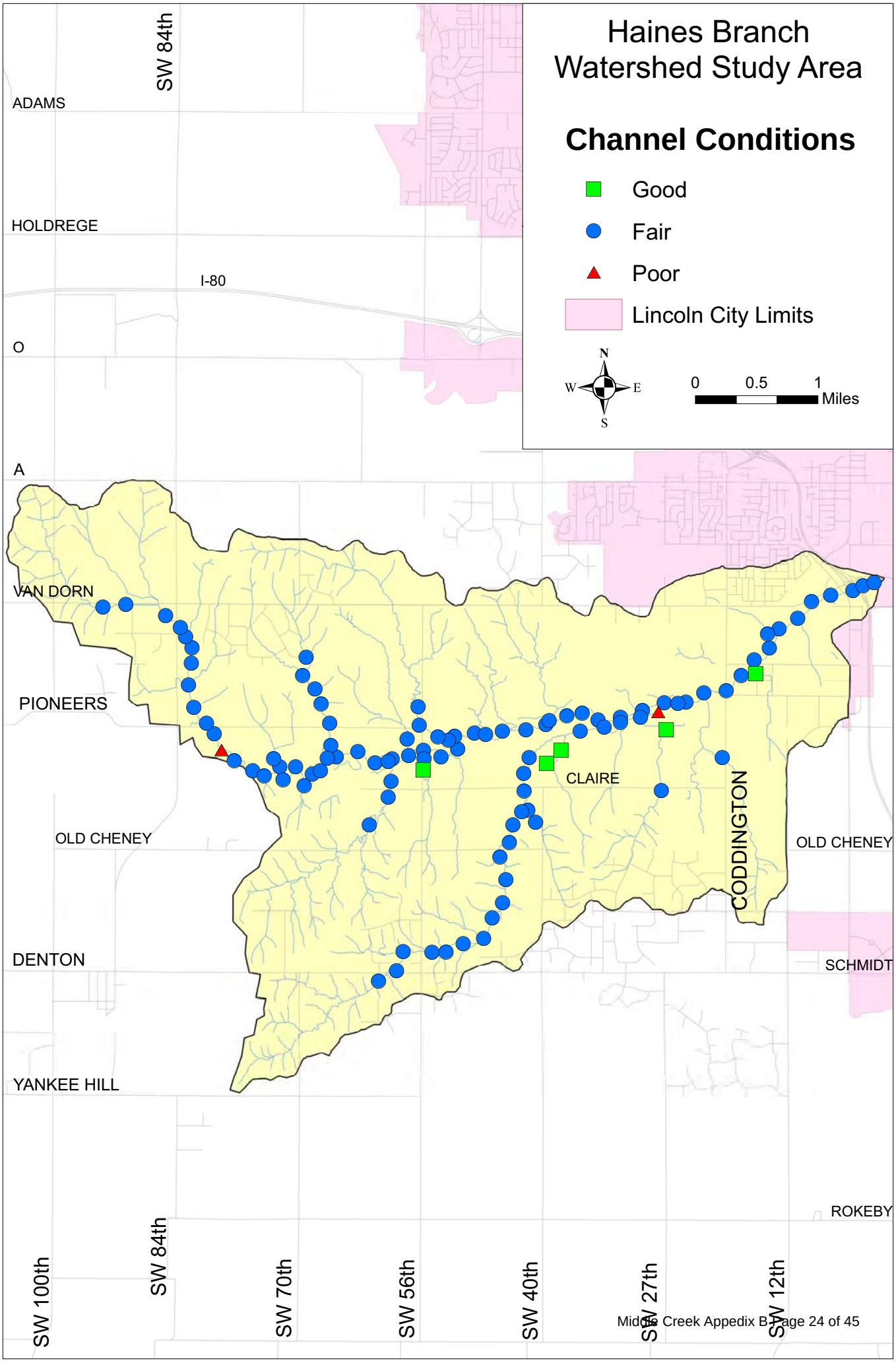
APPENDIX B

South Tributaries Watershed Study
Attendance Open House 8-15-13

Last	First	Address	City	State	Zip	phone	Email
Laukitis	Al	Journal Star				402-473-7243	
Higgins	Ben	Public Works				402-441-7589	
Kouma	Ed	Public Works				402-441-7018	
Dixon	J.B.	FHU				402-438-7530	
Zillig	Paul	LPSNRD					
Hartzell	Sara	Planning					
Nelson	Jared	City of Lincoln				402-441-4455	jnelson@lincoln.ne.gov
Hammer	Elaine	LPSNRD					
Campbell	Annette	1009 SW 24th Street	Lincoln	NE	68522	402-476-1009	annettesonline@juno.com
Anderson	Scott	300 W. A Street	Lincoln	NE	68339	402-432-0415	
Sanburn	Robert	5959 Alpine Court	Denton	NE	68339	402-440-6531	
Tyson	Jeff	926 W. Mulberry	Lincoln	NE	68522	402-475-1303	jtyson@peoplescitymission.org
Wetffoth	Rod	2940 W. Hill	Lincoln	NE	68522		
Wetffoth	Linda	2940 W. Hill	Lincoln	NE	68522		
Garner	Ephraim	3747 SW 16th Street	Lincoln	NE	68522	245-307-1374	
Furby	Michelle	1350 SW 24th Street	Lincoln	NE	68522	402-438-5377	michellefurby@windstream.net
Furby	Tim	1350 SW 24th Street	Lincoln	NE	68522	402-438-5377	timfurby@windstream.net
Whitted	Dan					40-499-0907	
Smith	Rick	1923 SW 34th Street	Lincoln	NE	68522	402-310-7092	
Lage	Terry					402-440-2585	
Bihge	Joe	3421 W Peach Street	Lincoln	NE	68522	402-416-3675	jbihge@netscape.com
Finke	Bob	1408 SW 23rd Street	Lincoln	NE	68522	402-580-5331	
Casburn	Paul	1701 SW 33rd Street	Lincoln	NE	68522	402-499-6303	
Kruse	Kevin	2045 D Street	Lincoln	NE	68502		
Carman	Christine	8005 W Pioneers Blvd.	Denton	NE	68339	402-464-7226	ccarman@lps.org
Carman	Phil	8005 W Pioneers Blvd.	Denton	NE	68339	402-464-7226	
Herrod	John A	2500 W. Van Dorn	Lincoln	NE	68522		
Sampson	Sam	3730 S. 14th Street	Lincoln	NE	68502	402-37-5456	
Jacobson	Don	2523 W. A Street	Lincoln	NE	68522		
Carney	Jeanette	2301 W. Millstone Road	Lincoln	NE	68522	402-429-0852	jcarney2001@neb.rr.com
Kroghe	Jeff	4564 W. Burnham Street	Lincoln	NE	68522	402-474-2705	
Horner	Charles					402-310-0382	cshorner@windstream.net
Reagan	Nick					402-740-7013	
Wagner	Jolene					402-486-4844	
Finch	Brad	1911 W. Apricot Lane					
Amen	Karen	3220 Joy Court	Lincoln	NE	68502	402-499-7930	
Rider	John	4605 S. Coddington	Lincoln	NE	68523	402-423-0484	
Gear	Arlene	1425 SW 22nd Street	Lincoln	NE	68522		
Vocasek	Bill	1903 W. Mulberry Court	Lincoln	NE	68522		bvocasek@neb.rr.com
Kurpgeveit	Brian	8601 W. Garfield Street	Lincoln	NE	68522	402-639-7930	nelumberjack@hotmail.com
Rood	Mike	1408 SW 15th Street	Lincoln	NE	68522	402-217-3036	
Schneider	Marilyn	5801 SW 40th Street	Lincoln	NE	68523		
Miller	David	2332 W. Washington Street	Lincoln	NE	68522	402-464-1628	milwrench@aol.com
Wills	Skye	1963 Timber Ridge Road	Lincoln	NE	68522	402-261-4385	skye.wills@gmail.com
Hesston	M						
Krenk	Ken	1611 SW 14th Street	Lincoln	NE			
Krenk	Julie	1611 SW 14th Street	Lincoln	NE			
Krenk	Spencer	1611 SW 14th Street	Lincoln	NE			
Adams	Rod	2210 W. Laguna Road	Lincoln	NE		402-499-1561	
Adams	Bobbi	2210 W. Laguna Road	Lincoln	NE		402-499-1561	
Perez	Margarita	1809 Timberridge Road	Lincoln	NE	68522		

Channel Condition Scoring Matrix
(Adapted from Johnson et al 1999)

	Stability Indicator	Good (1)	Fair (2)	Poor (3)
1	Bank soil texture and coherence per Uniform Soil Classification using the visual-manual procedures (ASTM D 2488-00)	Cohesive materials, clay (CL), silty clay (CL-ML), massive limestone, continuous concrete, clay loam (ML-CL), silty clay loam (ML-CL), thinly bed limestone	Sandy clay (SC), sandy loam (SM), fractured thinly bedded limestone	Non-cohesive materials, shale in bank, (SM), (SP), (SW), (GC), (GM), (GP), (GW)
2	Average bank slope angle as measured where obvious breaks in slope create a top of bank and toe of slope	Slopes ≤ 2H:1V on one or occasionally both banks	Slopes from 2H:1V to1.7H:1V common on one or both banks	Slopes steeper than to1.7H:1V on one or both banks
3	Average bank height as measured from the lowest point in the channel cross section to the top of bank	Less than 6 feet	Greater than 6 and less than 12 feet	Greater than 12 feet
4	Vegetative bank protection	Wide to medium band (≥ the width of the riparian buffer) of woody vegetation with 70-90% plant density and cover. Majority are hardwood, deciduous trees with well-developed understory layer, minimal root exposure	Narrow band (>20 feet up to the buffer width) of woody vegetation, poor species diversity, 50-70% plant density, most vegetation on top of bank and not extending onto bank slope, some trees leaning over bank, root exposure common	Thin or no band (20 feet or less) of woody vegetation, poor health, monoculture, many trees leaning over bank, extensive root exposure, turf grass to edge of bank
5	Bank cutting	Little to some evident along channel bends and at prominent constrictions, some raw banks up to 4 foot	Significant and frequent. Cut banks 4 feet high. Root mat overhangs common.	Almost continuous cut banks, some over 4 feet high. Undercut trees with sod-rootmat overhangs common. Bank failures frequent
6	Mass wasting (wedge or slide slope failure)	Little to some evidence of slight or infrequent mass wasting, past events healed over with vegetation. Channel width relatively uniform with only slight scalloping	Evidence of frequent and significant mass wasting events. Indications that higher flows aggravated undercutting and bank wasting. Channel width irregular with bank scalloping evident	Frequent and extensive mass wasting evident. Tension cracks, massive undercutting and bank slumping are considerable. Highly irregular channel width.
7	Bar development	Bar width is less than ¼ of the channel width at low flow, well-consolidated, vegetated and composed of coarse bed material to slight recent growth of bar as indicated by absence of vegetation on part of bar	Bar widths ¼ to ½ of channel width at low flow with freshly deposited sand to small cobbles with sparse vegetation	Bar widths greater than ½ the channel width at low flow. Bars are composed of extensive deposits of finer bed material with little vegetation
8	Debris jam potential	Slight – small amounts of debris in channel. Small jams could form	Moderate – noticeable debris of all sizes present	Significant – moderate to heavy accumulations of debris apparent
9	Obstructions, flow deflectors and sediment traps	Negligible to few or small obstructions present causing secondary currents and minor bank and bottom erosion but no major influence on meander bend	Moderately frequent and occasionally unstable obstructions, noticeable erosion of channel. Considerable sediment accumulation behind obstructions	Frequent and unstable causing continual shift of sediment and flow
10	Channel bed material consolidation and armoring	Massive competent to thinly bed limestone, continuous concrete, hard clay, moderately consolidated with some overlapping. Assorted sizes of particles, tightly packed and overlapped, possibly imbricated. Small % of particles < 4mm	Shale in bed, soft silty clay, little consolidation of particles, no apparent overlap, moderate % of particles < 4mm	Silt, weathered, thinly bedded, fractured shale, high slaking potential, very poorly consolidated, high % of material < 4mm
11	Percentage of channel cross section constriction	< 25% of average cross section area	26-50% of average cross section area	> 50% of average cross section area
12	Sediment movement	Little to no loose sediment	Scour and/or deposition, some loose sediment	Near continuous scour and/or deposition and/or loose sediment
13	Sinuosity (ratio of the channel length to valley length) channel length = longitudinal profile survey length	1.2 ≤ Sinuosity ≤ 1.4	1.1<Sinuosity <1.2	Sinuosity <1.1 or >1.4


Haines Branch
Watershed Study Area
Channel Conditions
Good
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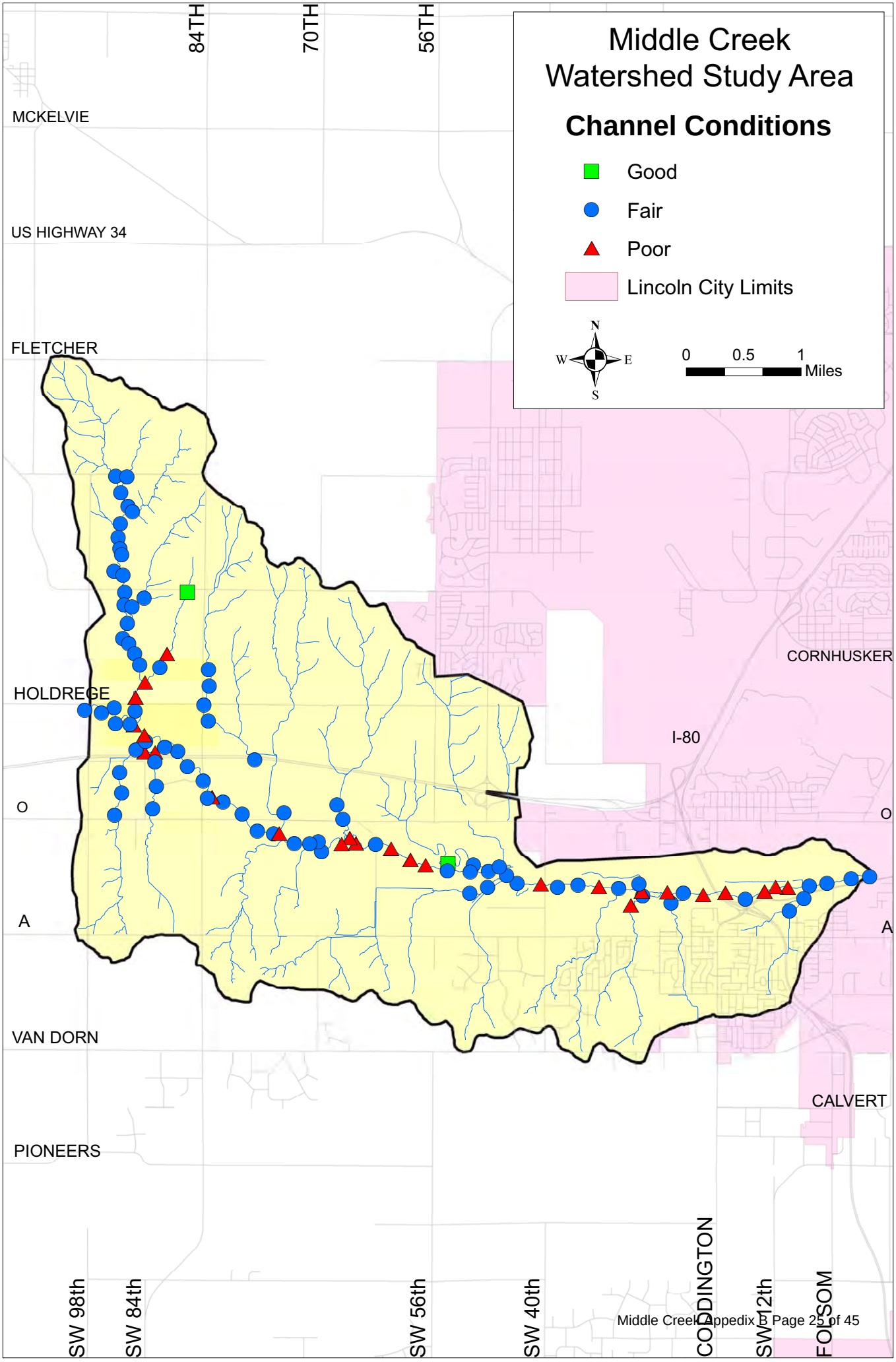
SW 12th


Middle Creek
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HOLDREGE
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CALVERT
PIONEERS
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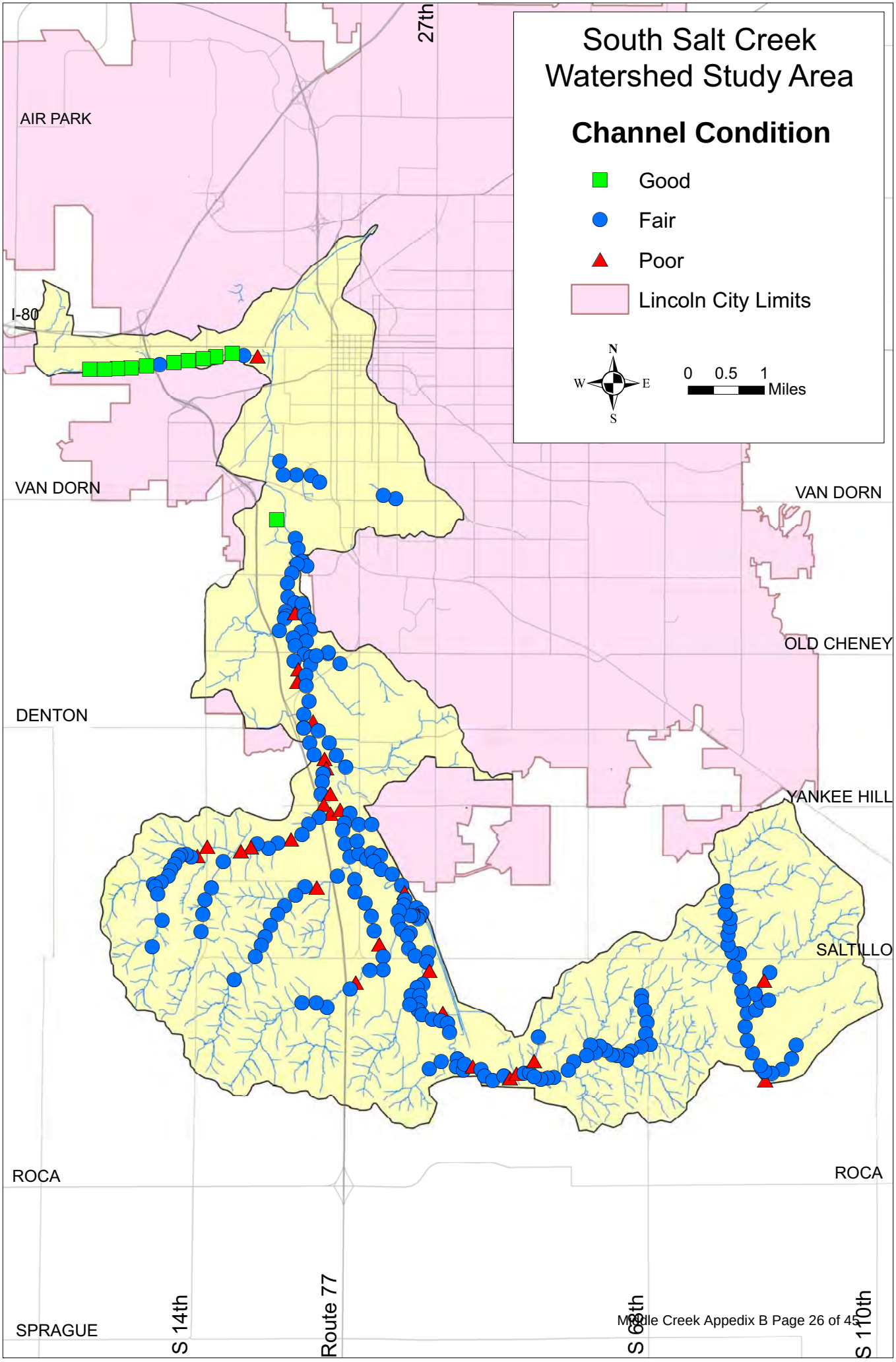
SW 84th
SW 56th
SW 40th
COLDINGTON
SW 12th
FOLSOM


South Salt Creek
Watershed Study Area
Channel Condition
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Fair
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Lincoln City Limits
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VAN DORN
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DENTON
YANKEE HILL
SALTILLO
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S 110th

STREAM DOMINANT PROCESS

Stable

- Channel is healthy
- Bed and bank materials balanced with erosive forces
- Permanent woody vegetation near the water line
- ***No erosion hazards***

Incision

- Down cutting liberates sediment
- Trees falling and sliding into channel
- Bank failures begin
- ***Significant erosion hazards in this phase***

Widening

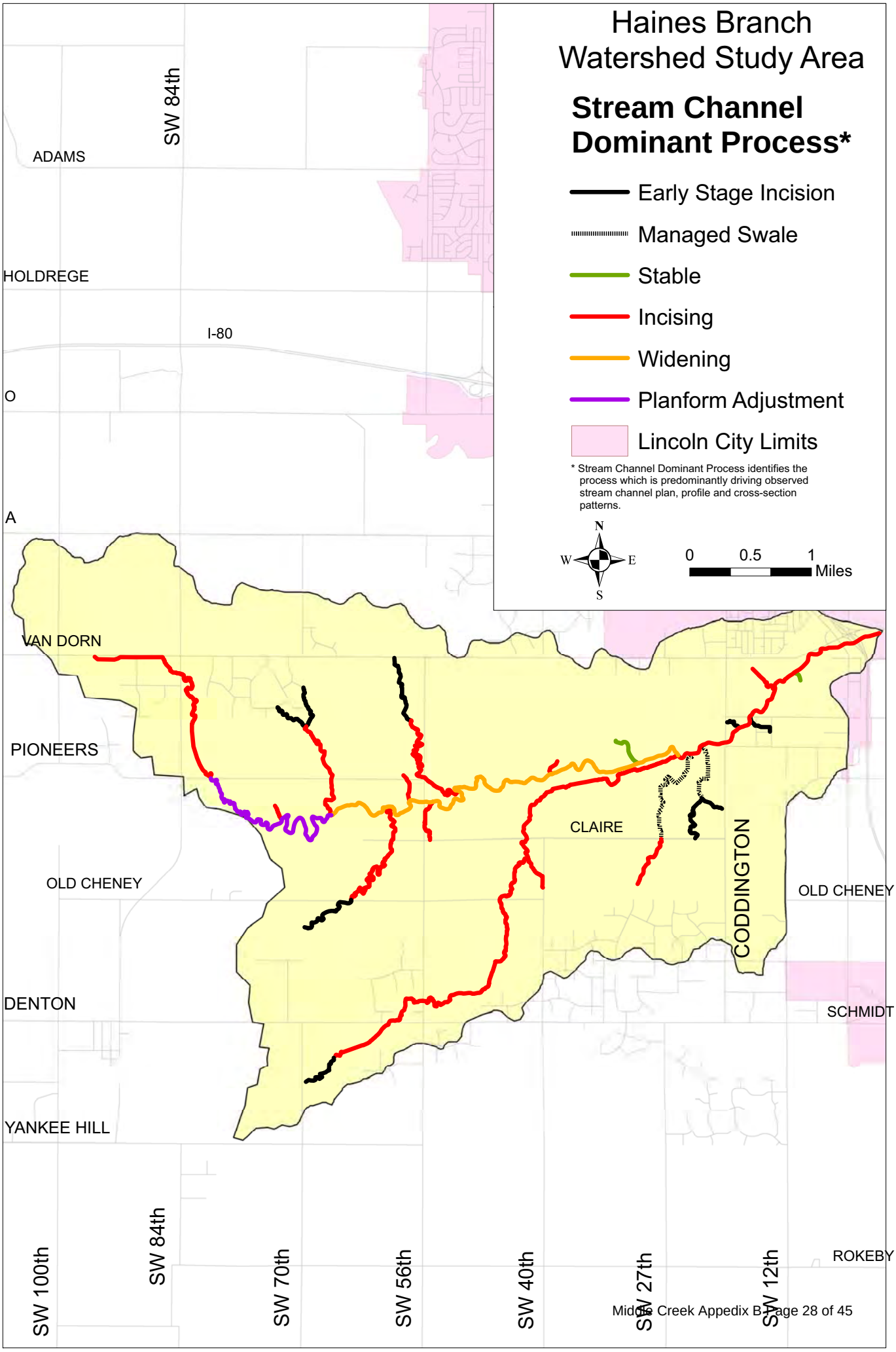
- Widespread bank failures
- Significant sediment loads generated
- ***Significant erosion hazard in this phase***

Planform Adjustment

- Active bank scour opposite channel bar formations
- Bank failures at the outside of bends
- Alternating pattern of scour and deposition
- ***Significant erosion hazard in this phase***

Managed Swale

Early Stage Incision


Haines Branch
Watershed Study Area
Stream Channel
Dominant Process*
Early Stage Incision
Managed Swale
Stable
Incising
Widening
Planform Adjustment
Lincoln City Limits
* Stream Channel Dominant Process identifies the process which is predominantly driving observed stream channel plan, profile and cross-section patterns.
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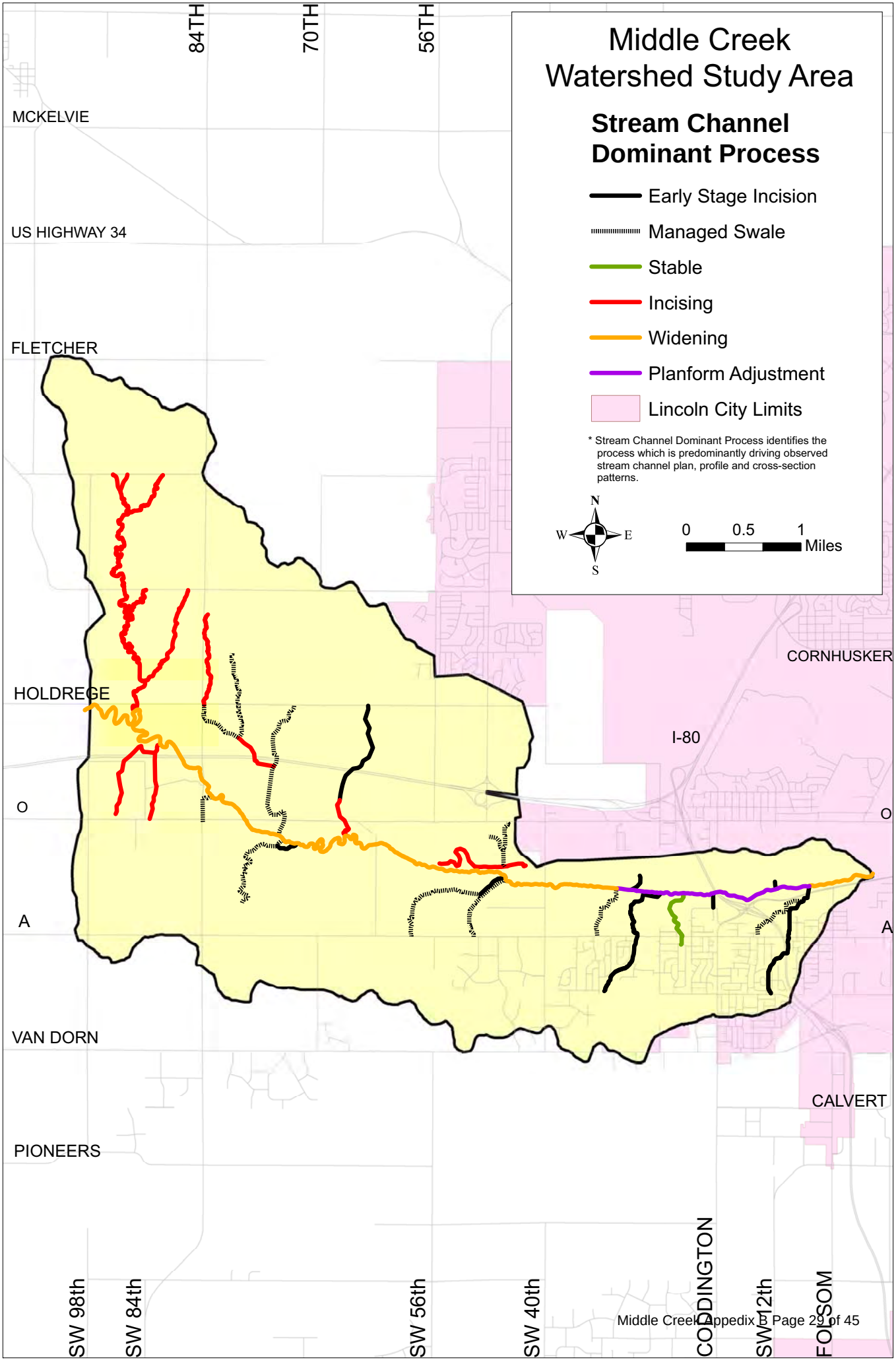
Middle Creek
Watershed Study Area
Stream Channel
Dominant Process
Early Stage Incision
Managed Swale
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* Stream Channel Dominant Process identifies the process which is predominantly driving observed stream channel plan, profile and cross-section patterns.
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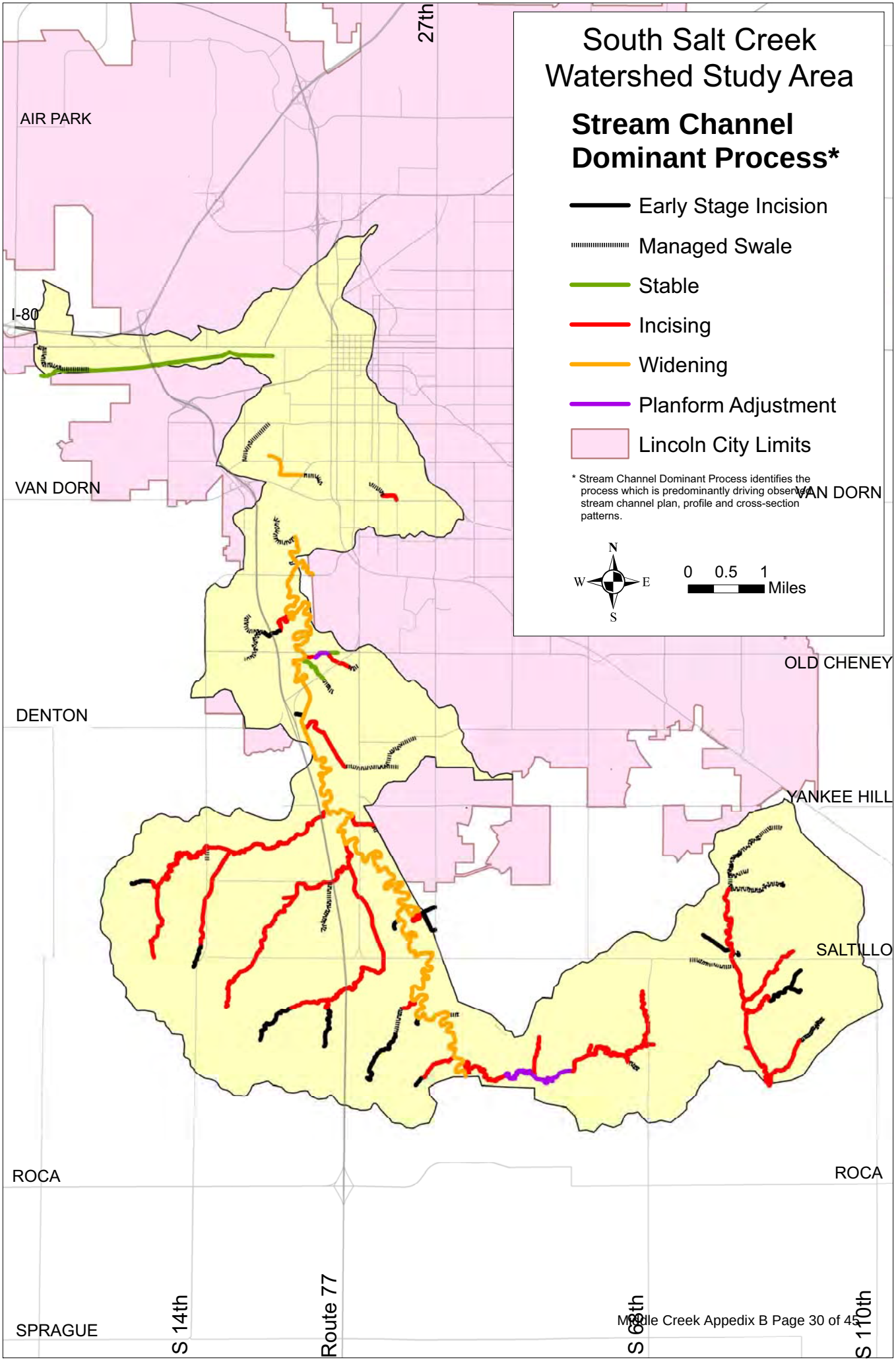
South Salt Creek
Watershed Study Area
Stream Channel
Dominant Process*
Early Stage Incision
Managed Swale
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Lincoln City Limits
* Stream Channel Dominant Process identifies the process which is predominantly driving observed stream channel plan, profile and cross-section patterns.
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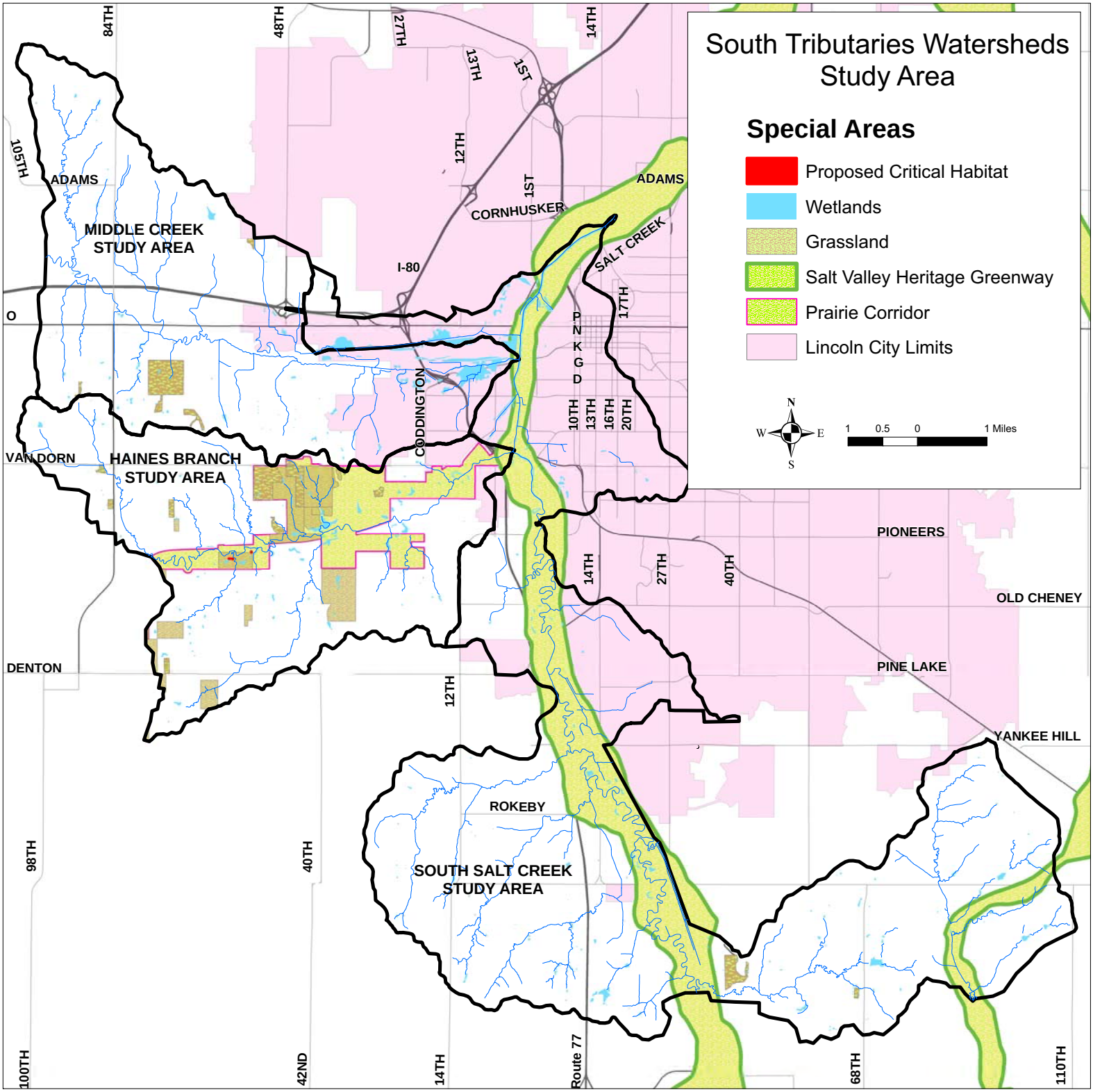
South Tributaries Watersheds Study Area
Special Areas
Proposed Critical Habitat
Wetlands
Grassland
Salt Valley Heritage Greenway
Prairie Corridor
Lincoln City Limits
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HAINES BRANCH STUDY AREA
SOUTH SALT CREEK STUDY AREA
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CORNHUSKER
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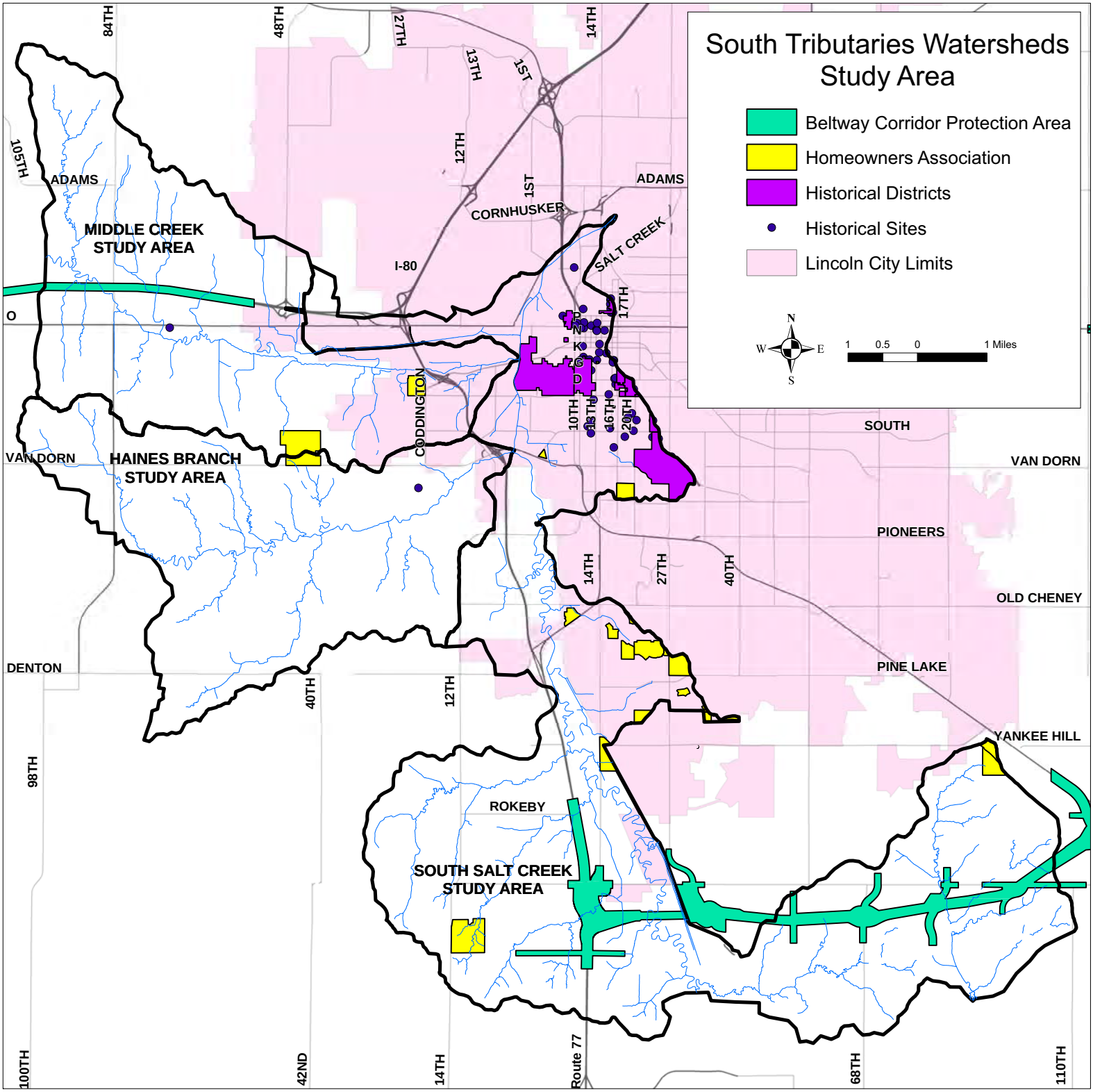
South Tributaries Watersheds Study Area
Beltway Corridor Protection Area
Homeowners Association
Historical Districts
Historical Sites
Lincoln City Limits
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HAINES BRANCH STUDY AREA
SOUTH SALT CREEK STUDY AREA
ADAMS
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ROKEBY
SOUTH
PIONEERS
OLD CHENEY
PINE LAKE
YANKEE HILL
CORNHUSKER
SALT CREEK
I-80
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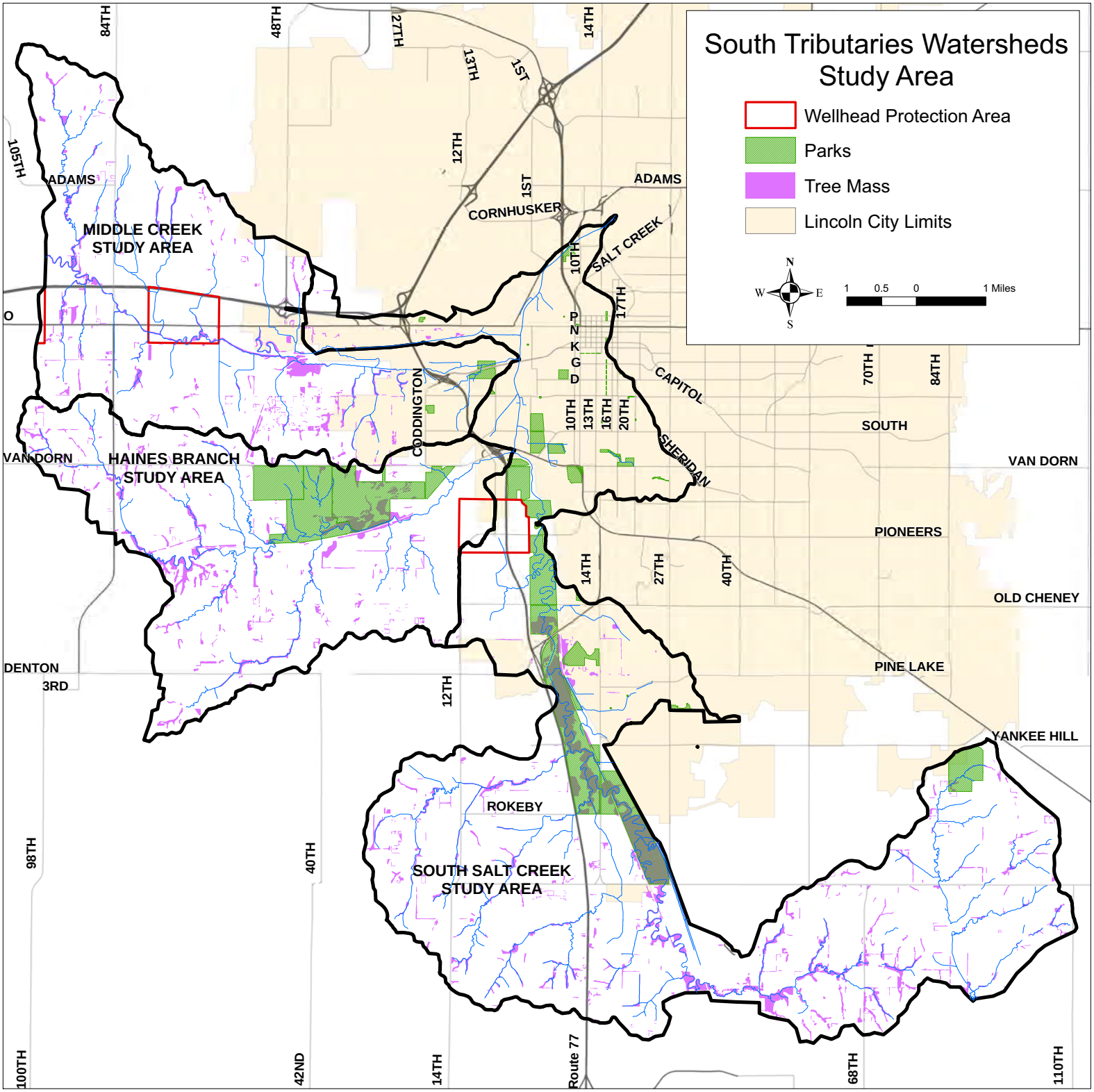
South Tributaries Watersheds Study Area
Wellhead Protection Area
Parks
Tree Mass
Lincoln City Limits
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MIDDLE CREEK STUDY AREA
HAINES BRANCH STUDY AREA
SOUTH SALT CREEK STUDY AREA
ADAMS
VANDORN
DENTON
ROKEBY
CORNHUSKER
SALT CREEK
CODDINGTON
CAPITOL
SHERIDAN
SOUTH
VAN DORN
PIONEERS
OLD CHENEY
PINE LAKE
YANKEE HILL
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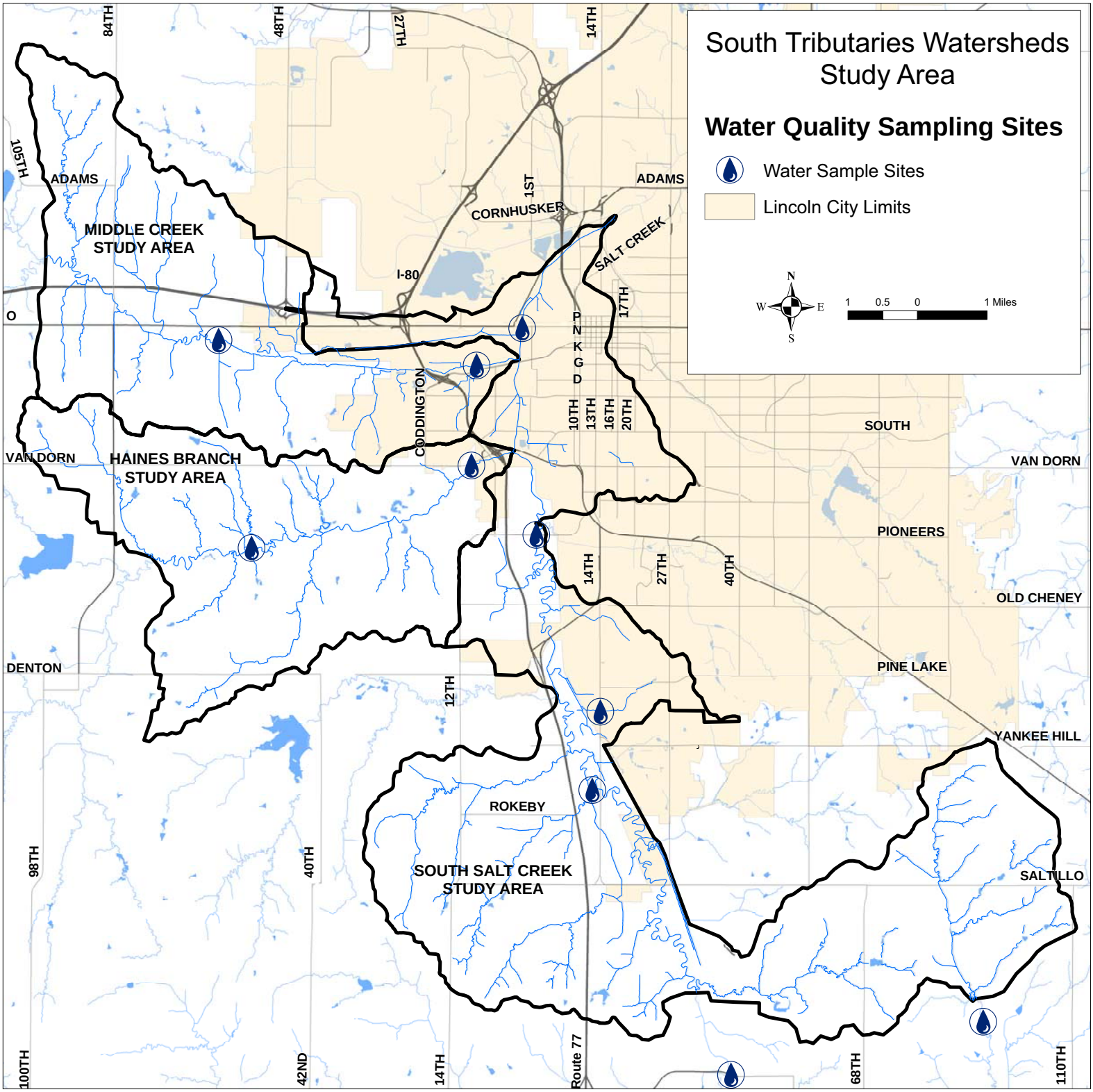
South Tributaries Watersheds Study Area
Water Quality Sampling Sites
Water Sample Sites
Lincoln City Limits
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HAINES BRANCH STUDY AREA
SOUTH SALT CREEK STUDY AREA
ADAMS
VAN DORN
DENTON
ROKEBY
CORNHUSKER
SALT CREEK
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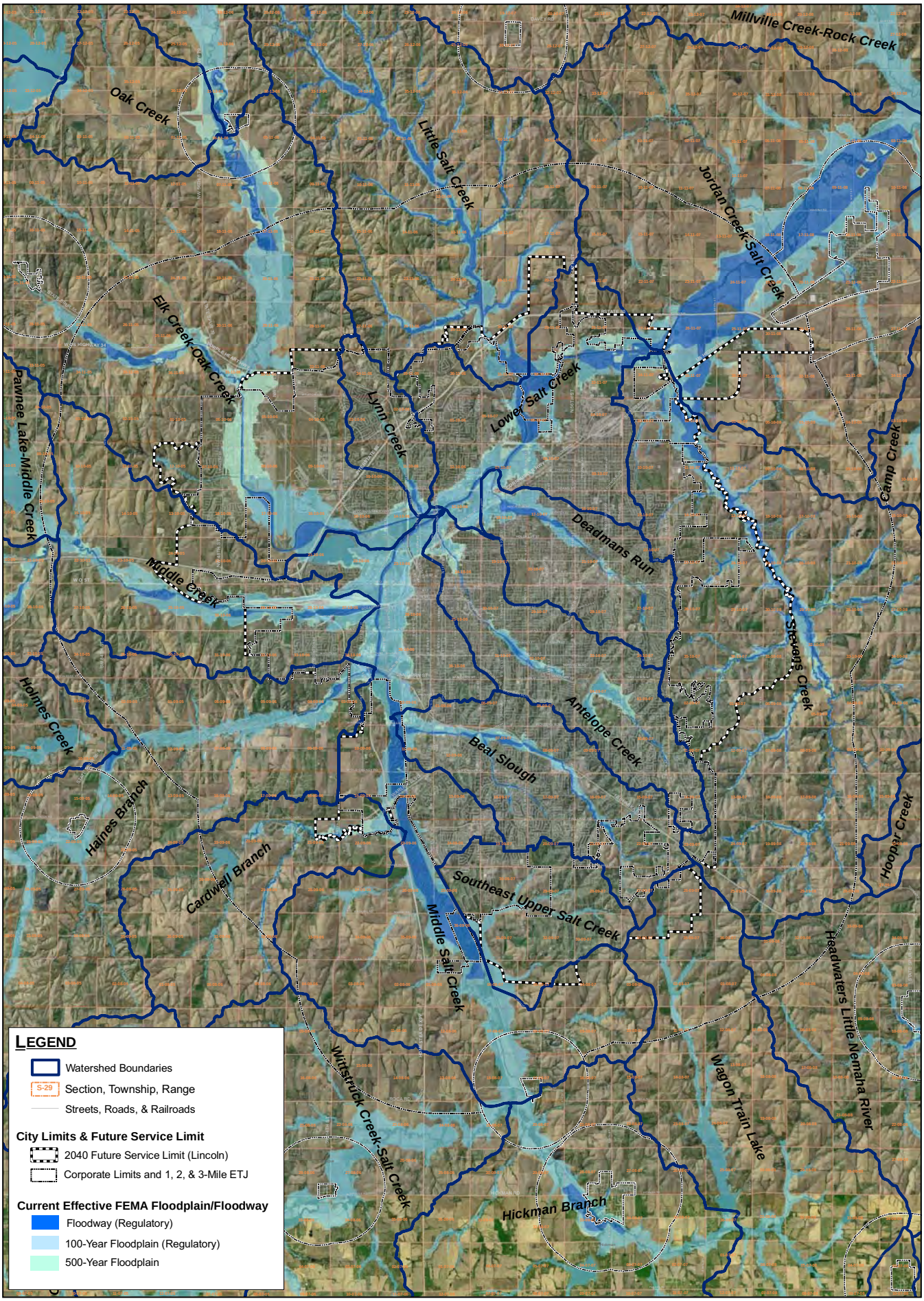
CODDINGTON
PNKGD
SOUTH
PIONEERS
OLD CHENEY
PINE LAKE
YANKEE HILL
SALTILLO
84TH
48TH
27TH
14TH
1ST
17TH
10TH
13TH
16TH
20TH
105TH
12TH
27TH
40TH
98TH
100TH
42ND
Route 77
68TH
110TH



CITY OF LINCOLN
Public Works & Utilities
WATERSHED MANAGEMENT

Watersheds AND Floodplains

City of Lincoln, Nebraska

- April 16, 2013 -

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Date Created: 4/16/2013
Prepared by: WSMJLN
Watershed Management
City of Lincoln - Public Works

APPENDIX B

OPEN HOUSE 2 SUMMARY

South Tributaries Watershed Open House Draws 35
The final open house for the South Tributaries Watershed Study took place at Roper School on May 8, in Lincoln. Thirty-five watershed residents, LPSNRD Board members were in attendance as well as staff from the project team. The overall goal of this open house was to present the findings and recommendations.

Participants were greeted by Heartland Center staff who directed them to the sign-in table and to visit the information stations. These included the Haines Branch, Middle Creek and South Salt Creek study areas and recommended CIPs, Special Areas, Water Quality and a GIS area where residents could look up a specific parcel. A table with comment cards was available in which residents could let staff know what they learned, what they would like to know more about and general comments or suggestions. Comments included “Interesting stuff! Glad you have the open house to show us what is happening.” Another resident noted the comprehensive approach the community is taking to protect infrastructure.

The open house was advertised through a direct mail newsletter that went out in early May and was sent to a list of 1,275 landowners, interested groups and public officials. In addition, electronic message boards were placed in the area several days in advance of the event and an ad was placed in the Lincoln Journal Star to further promote the open house.

Comment Card
South Tributaries Watershed Study
May 8, 2014

ok to use

What I learned today: That our community is taking a comprehensive approach to the management of our watersheds – to protect infrastructure

Something else I'd like to know:

Comments/Suggestions: Great Job! very informative

Follow our progress online at
http://lincoln.ne.gov/city/pworks/watrshed/mplan/south-tributaries/

You may fill out the comment card here or mail it. You can also fax or e-mail comments to:

Heartland Center for Leadership Development
Fax: 402-474-7672 Email: info@heartlandcenter.info

Comment Card
South Tributaries Watershed Study
May 8, 2014

What I learned today: interesting stuff! Glad you have the Open House to show us what's happening.

Something else I'd like to know: This is a concern only partially conected – we have trees and waterways being removed from a neighbor's property, and fear our pond will be silted in rapidly! Is there anything that might reduce this?

Comments/Suggestions: S.W. corner of 82nd + Bennet Rd, flowing into Herkimer Lake

Thanks, Janet Dugan

Follow our progress online at
http://lincoln.ne.gov/city/pworks/watrshed/mplan/south-tributaries/

You may fill out the comment card here or mail it. You can also fax or e-mail comments to:

Heartland Center for Leadership Development
Fax: 402-474-7672 Email: info@heartlandcenter.info

South Tributaries Watershed Study Open House

Thursday, May 8, 2014 Roper Elementary School

Name	Phone	Email
Ben Higgins		
Address	City	Zip
Public Works		

Name	Phone	Email
Sara Hartzell		
Address	City	Zip
Planning		

Name	Phone	Email
Gary Sherwood	402-435-1616	
Address	City	Zip
620 Garfield St. X	Lincoln Ne	68502

Name	Phone	Email
Lloyd Priess	402 423 3999	
Address	City	Zip
4025 So Coddington		

Name	Phone	Email
ED UBBEN	402-476-2729	
Address	City	Zip
3125 PORTA		

Name	Phone	Email
Address	City	Zip

Name	Phone	Email
Address	City	Zip

Name	Phone	Email
Address	City	Zip

Name	Phone	Email
Address	City	Zip

Name	Phone	Email
Address	City	Zip

South Tributaries Watershed Study Open House

Thursday, May 8, 2014 Roper Elementary School

Name	Phone	Email
Marilyn Oborny	402-435-1949	mloborny@aol.com
Address	**City**	**Zip**
1500 SW 40th St	Lincoln	68522
Name	**Phone**	**Email**
Janet Dugan	402-792-2699	rustslayer@aol.com
Address	**City**	**Zip**
6801 Bennet Rd	Roca	68430
Name	**Phone**	**Email**
Milan Wall		
Address	**City**	**Zip**
1530 Northbata Cir	Lincoln	68521
Name	**Phone**	**Email**
Carmen Perzinske		
Address	**City**	**Zip**
Heartland Center		
Name	**Phone**	**Email**
Kurt Crowley	402-613-4849	
Address	**City**	**Zip**
2811 Fletcher Av #27	Lincoln	68504
Name	**Phone**	**Email**
Michael E Fuller	402-438-8188	LCB18B@yahoo.com
Address	**City**	**Zip**
3801 West Springview Rd	Lincoln	68522
Name	**Phone**	**Email**
Mary Roseberry-Brown	402-477-8282	mroseberrybrown@yahoo.com
Address	**City**	**Zip**
1423 F St	Lincoln	68508
Name	**Phone**	**Email**
Address	**City**	**Zip**
Name	**Phone**	**Email**
Address	**City**	**Zip**
Name	**Phone**	**Email**
Address	**City**	**Zip**

APPENDIX B

South Salt Creek Tributaries
5/8/2014
Attendance list - 2nd Open House

first	last	address	city	state	zip	phone	email
Marilyn	Oborny	1500 SW 40th Street	Lincoln	NE	68522	402-435-1949	mloborny@aol.com
Janet	Dugan	1805 Bennet Road	Roca	NE	68430	402-792-2699	rustslayer@aol.com
Kurt	Crowley	2811 Fletcher Avenue #22	Lincoln	NE	68504		
Michael	Fuller	3801 W Springview Road	Lincoln	NE	68522	402-438-8138	lcb188@yahoo.com
E	Fuller	3801 W Springview Road	Lincoln	NE	68522	402-438-8138	
Mary	Roseberry-Brown	1423 F Street	Lincoln	NE	68508	402-477-8282	
Burdette	Piening	11700 West A Street	Lincoln	NE	68532	402-475-0632	
Chris	Beardslee	2321 W. Stirrup Drive	Lincoln	NE	68523	402-432-0960	chris@clark-architects.com
Chance	Thayer	2333 SW 16th Street	Lincoln	NE	68522		cthayer@live.com
Mike	Lauver	3250 W. Summner Street	Lincoln	NE	68522		
Robert	Sanburn	5959 Alpine Court	Denton	NE	68339	402-440-6531	
Jess	Jurzenski	315 S. 9th Street, Ste. 301	Lincoln	NE	68508	402-438-7530	jessica.jurzenski@fhueng.com
Elaine	Hammer	5000 N. 7th Street	Lincoln	NE	68521	402-438-7530	
Sam	Samson	3730 S. 14th Street	Lincoln	NE	68502	402-416-8456	
Gary	Sherwood						
Lloyd	Priess						
Jared							
Ed	Kouma					402-441-7018	ekouma@lincoln.ne.gov
Ben	Higgins						
Sara	Hartzell						
Ed	Ubben						
Paul	Zillig						
Mark	Meyer						
Tim							
Milan	Wall	Heartland Center for Leadership Development					
Kurt	Mantonya	Heartland Center for Leadership Development					
Carmen	Perzinski	Heartland Center for Leadership Development					

South Tributaries Watershed Study Open House

Thursday, May 8, 2014 Roper Elementary School

Name	Phone	Email
Ed Kouma	402-441-7018	ekouma@lincoln.ne.gov
Address	**City**	**Zip**
Lincoln		

Name	Phone	Email
Burdette Pieening	402-4750632	
Address	**City**	**Zip**
11700 West A	Lincoln	68532

Name	Phone	Email
Chris Beardslee	402-423-0960	chris@clark-architects.com
Address	**City**	**Zip**
2321 West Stirrup Dr	Lincoln	68523

Name	Phone	Email
Kurt Mantonya	(402) 474-7667	
Address	**City**	**Zip**
H.C.	Lincoln	68521

Name	Phone	Email
Chance Thayer		cthayer@lin.com
Address	**City**	**Zip**
2333 SW 16th St	Lincoln	68522

Name	Phone	Email
Mike Lauver		
Address	**City**	**Zip**
3250 W. Summer St	LINCOLN	68522

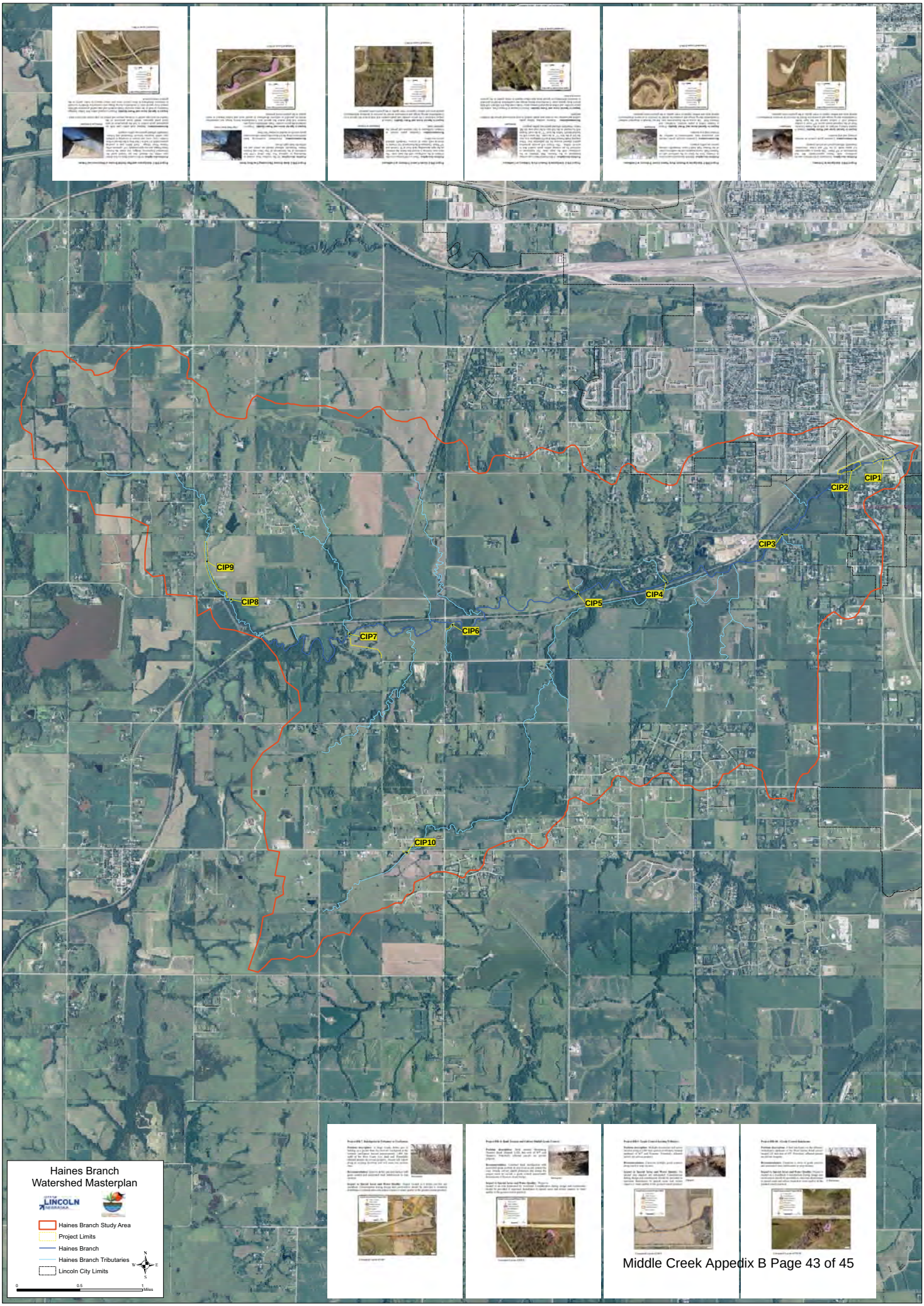
Name	Phone	Email
Robert Sanburn	402-440-6531	
Address	**City**	**Zip**
5959 Alpine Ct.	Denton	68339

Name	Phone	Email
Jess Jurzenski	402-438-7530	jessica.jurzenski@fhueng.com
Address	**City**	**Zip**
~~Lincoln~~ 315 S. 9th St. Ste 201	Lincoln	68508

Name	Phone	Email
Elaine Hammer	4024220242	you love
Address	**City**	**Zip**
5000 N7	Lincoln	68521

Name	Phone	Email
SAM SAMPSON	402-416-8456	
Address	**City**	**Zip**
3730 So. 14	LINCOLN	68502

Haines Branch Watershed Study Area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CIP2
CIP3
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CIP6
CIP7
CIP8
CIP9
CIP10
Haines Branch
Watershed Masterplan
LINCOLN
NEBRASKA
Haines Branch Study Area
Project Limits
Haines Branch
Haines Branch Tributaries
Lincoln City Limits
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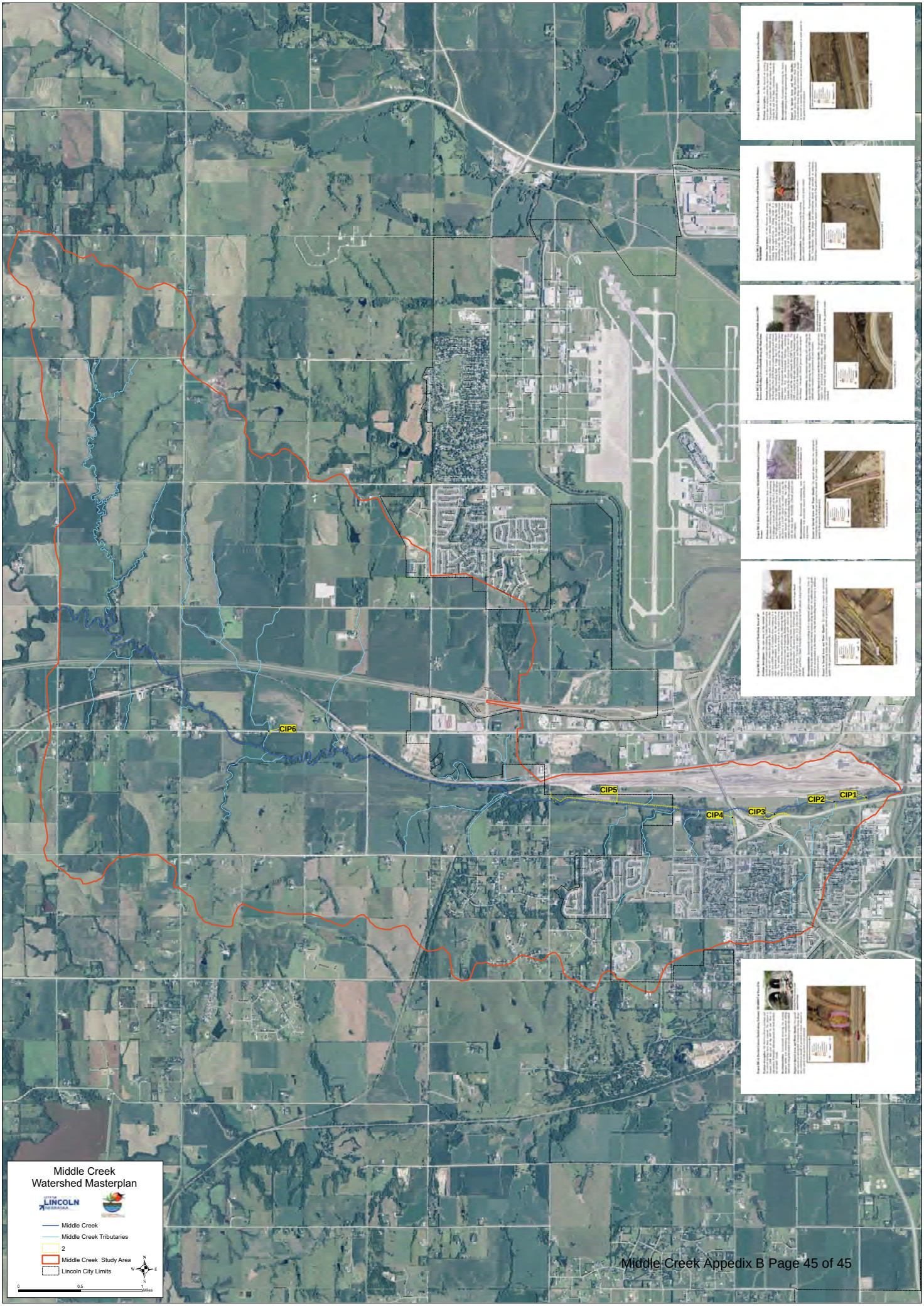
Middle Creek Watershed Study Area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Watershed Masterplan
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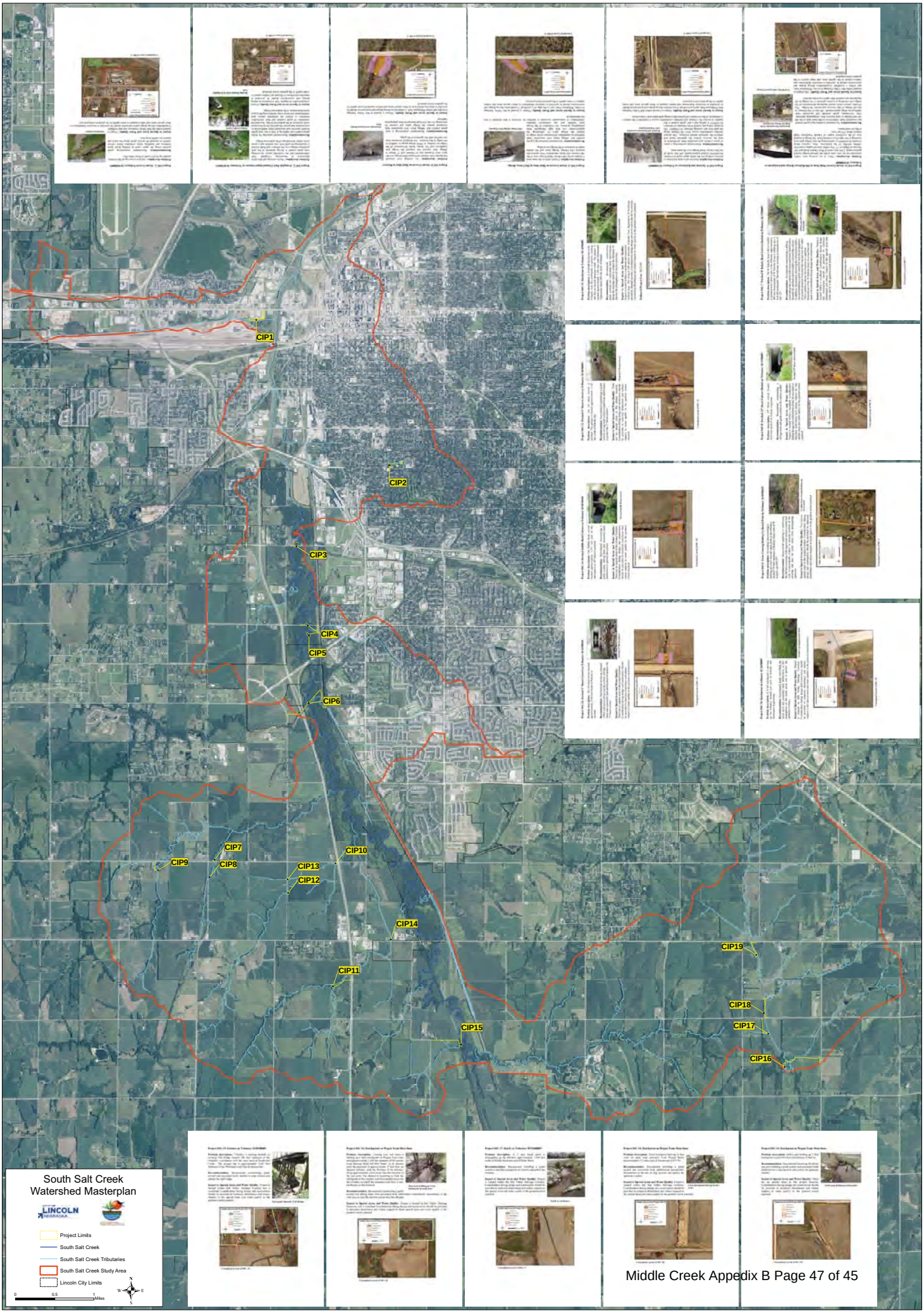
South Salt Creek Watershed Study Area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