

**FISCAL YEAR 2014-2015 Work Plan
For the Interlocal Agreement on Stormwater Management
June 2014**

1) NPDES Administration: The City of Lincoln (City) and the Lower Platte South Natural Resources District (NRD) will continue to explore enhancements to provide comprehensive, effective and consistent review, inspection, implementation and enforcement of National Pollutant Discharge Elimination System (NPDES) items, especially related to erosion and sediment control and Post Construction standards (i.e. water quality Best Management Practices). City is the lead agency.

- Cost share from the NRD is \$25,000

- Cost share from the City for current Erosion and Sediment Control staff is \$125,000 with funding from the FY2013-14 operating budget and state grant funds

2) Regional Storage Facilities: The City and NRD will explore alternatives to develop a funding mechanism to build regional storage facilities where feasible with the cooperation of landowners and developers. Once a funding mechanism is developed and facilities are built the NRD will operate and maintain the facilities in cooperation with City.

3) Ordinance and Standards Updating: The City and the NRD will examine the need to update the floodplain and stormwater standards and propose revisions as necessary. Such items may include updating the Drainage Criteria Manual, Lincoln Standard Plans, Lincoln Design Standards and Post Construction Standards.

4) Legislative Issues and Grant Writing: The City and NRD will work with other agencies, communities, citizens and legislators to coordinate on state legislative and funding issues related to floodplain and stormwater.

5) Floodplain and Stormwater Education: The City and NRD will jointly work on public information and involvement programs to educate city staff, contractors, developers, engineers, and the public regarding floodplains and stormwater, especially related to erosion and sediment control and Post Construction standards.

6) Water Quality Monitoring: The City will continue water quality monitoring and other stormwater related services deemed necessary by the City and NRD. It is planned to continue contracting with UNL for Dry Weather Storm Drainage Assessment and to continue the current five year cycle of wet weather monitoring. City is the lead agency.

- The cost share from the NRD is \$35,000

- The cost share from the City is estimated to be \$65,000 with funding from the FY2013-14 operating budget and state grant funds

7) Master Plan Implementation: The City and the NRD will contribute toward improvement projects for Master Planned basins. These improvement projects are anticipated to include such projects as stream bed and bank stability measures, stormwater storage facilities, wetlands, floodplain preservation, engineering, easements and land acquisition as generally identified in

and consistent with the goals in basin plans (e.g. Watershed Master/Basin Plans/Conservation Plans) approved by the City and NRD. The City and NRD will continue to develop a plan and schedule for design, right-of-way and implementation of projects. The lead agency will be coordinated on a project by project basis.

- The cost share from the NRD for Master Plan Implementation projects is \$1,155,000
- The cost share from the City for Master Plan Implementation projects is \$1,155,000

Master Plan Implementation projects are anticipated to include some or all the projects and project areas listed below and may include additional projects to be developed jointly by the City and NRD during the Work Plan period. Costs are planned to be split evenly between the City and NRD:

- Deadmans Run Flood Reduction Project (Deadmans Run Reconnaissance Study), \$200,000 each
- Antelope Creek Water Quality Projects (Antelope Park projects, bird netting project, zoo project), \$200,000 each
- Beal Slough Flood Reduction Project, \$100,000 each
- Deadmans Run Water Quality Projects (Trendwood), \$75,000 each
- Little Salt Creek Stream Stability Projects, \$0 each
- Stevens Creek Stream Stability Projects (projects 5, 7, 8, 9 and 17), \$580,000 each
- Other projects not yet identified

8) Other Projects: The City and the NRD will contribute toward improvement projects in basins which Stormwater Master Plans have not been studied or completed. These projects could include water quality, water quantity and/or floodplain projects. The lead agency will be on a project by project basis.

- N. 56th Street & Morton Drainage Way (City lead), \$300,000 each
- Roper Park Stream Stability Project (City lead), \$200,000 NRD, \$400,000 City
- Burns Park project (City lead), \$150,000 each
- Haines Branch Conservation Plan and other projects, \$0 each (if floodplain/floodprone project will use funding from item #10 below)
- Others as identified before or during this interlocal, with cost shares decided on a case by case basis

9) Watershed Master Planning: The City and the NRD will continue work on the drainage Master Plan studies for Haines Branch, Middle Creek and Salt Creek Southern Tributaries. No costs are anticipated during this interlocal period (2014-15). It is planned to start to look at the next series of Master Plan projects for Oak Creek, Lynn Creek and the Salt Creek Northern Tributaries during the next interlocal period (2015-16)

10) Floodplain/Floodprone Easements and Projects: The City and the NRD will consider purchase of easements or fee title on floodplain/floodprone areas and other structural and nonstructural measures for flood control and preservation. The lead agency will be coordinated on a project by project basis.

- The cost share from the NRD is \$100,000
- The cost share from the City is \$200,000

11) Flood Warning System: The NRD will cooperate with Lincoln and Lancaster County to operate and enhance the Salt Creek Flood Warning System.

- The cost share from the NRD is \$35,000 (lead agency)
- The cost share from the City is \$25,000 with funding from the FY2013-2014 operating budget.

12) Green Streets Projects: The City and the NRD will continue to coordinate and provide funding for Green Street projects that incorporate water quality practices into major street improvement projects. All listed projects below are city lead.

- P Street Corridor Project from 11th to 15th. Funding to pay for bioretention, permeable pavements and associated revisions for this project, \$160,000 each
- N Street Corridor Project from 7th to Antelope Valley Roadway. Funding to pay for bioretention, permeable pavements and other water quality improvements for this project, \$100,000 each
- 11th Street Green Street from Lincoln Mall to B Street. Funding to pay for bioretention cells at intersections, \$200,000 each
- Others as identified before or during this interlocal, with cost shares and lead agency decided on a case by case basis

13) Stormwater BMP Demonstration Projects: The City and the NRD will consider opportunities for demonstration projects of stormwater best management practices on a case-by-case basis. All listed projects below are city lead.

- Roberts Park water quality project, \$65,000 each
- Vertical Greenwall for Lumberworks, 90,000 each
- Others as identified before or during this interlocal, with cost shares and lead agency decided on a case by case basis, \$45,000 each

14) Watershed Master Plan Project Inspection, Operation & Maintenance: It is planned that the City and NRD will annually inspect, operate, and maintain all completed Watershed Master Plan Projects and conservation easements. City is the lead agency.

- Cost share from the NRD is \$5,000
- Cost share from the City is \$5,000 from the operating budget and state grant funds

15) Cost Summary: The total cost to the City and NRD according to this work plan in FY 2013-2014 is estimated to be \$5,750,000.

- The cost share from the NRD for 2014-15 is estimated to be \$2,665,000 and is subject to NRD Board approval of the proposed NRD FY 2014-15 Budget (NRD Fiscal year starts July 1, 2014).
- The cost share from the City for 2014-15 is estimated to be \$3,085,000. The City fiscal year starts September 1, 2014. Some of the cost share from the City is projected to come from 319 funds through the Nebraska Department of Environmental Quality or State stormwater grants, as available.

16) Summary Report: The City in September 2015 will prepare an annual report of activities and accomplishments to be reviewed by the NRD.

IN WITNESS WHEREOF, the District and the City have caused these presents to be executed by their duly authorized officials as of the date below indicated.

Executed by the City this _____ Day of _____ 2014


CITY OF LINCOLN, NEBRASKA

City Clerk

Chris Buetler, Mayor

Executed by the NRD this 19 Day of June 2014

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT



Glenn Johnson, General Manager