

# PROJECT DESIGN INFORMATION MEMO - Stormwater

Project Number \_\_\_\_\_  
Project Name \_\_\_\_\_  
Prepared By \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed By \_\_\_\_\_ Date: \_\_\_\_\_  
Last Update By \_\_\_\_\_ Date: \_\_\_\_\_

## PROJECT SCHEDULE

PS&E Plan Submittal \_\_\_\_\_  
Estimated Construction End Date \_\_\_\_\_

**PROJECT DESCRIPTION** - Project Scope of Work, Location, Limits and Key Issues (Attach aerial drawing labeled "Exhibit Watershed Boundary – 1" showing the watershed with key areas/issues labeled):

- *Study Area Description (location, residential, commercial, industrial, general slope, sump areas, ponding areas, problem areas) / General Description*
- *Description of Existing System if present (age, outfall(s), pipes, culverts, open channels, overland flow, structures, curb, grate, area inlets)*
- *Project Scope, Purpose and Need - Objectives to accomplish / Any Specific Requirements*
- *Scope of Work – (Proposed Storm Drainage – outfall(s), pipes, culverts, open channels, overland flow, structures, curb, grate, area inlets) (Additional Items - Grading, Paving, Wastewater, Water, Landscaping, Pavement Marking, Erosion Control, etc.)*
- *Summary of Key Issues*

**DESIGN CRITERIA** *City of Lincoln Drainage Criteria Manual (current edition), City of Lincoln Flood Standards for New Growth Areas, previous Watershed Master Plan, City of Lincoln Standard Specifications for Municipal Construction, and City of Lincoln Standard Plans will govern the design of this project. The following are the proposed design controls for the project:*

**Classification:** Existing Urban Area (as of 5/25/2004) or New Growth Area

Existing System or New System \_\_\_\_\_  
Condition of Existing System \_\_\_\_\_  
Pipe, Open Channel, and/or Overland Flow \_\_\_\_\_  
Watershed Name \_\_\_\_\_  
Sub-Basin Name \_\_\_\_\_  
Drainage Area (acres) \_\_\_\_\_  
Outlet Name/Location \_\_\_\_\_  
Hydraulic Design Method \_\_\_\_\_  
Design Storm \_\_\_\_\_  
Culvert Analysis Method \_\_\_\_\_  
Hydrologic Design Method \_\_\_\_\_  
Pavement Runoff Design Storm \_\_\_\_\_  
Bridge/Culvert Design Storm \_\_\_\_\_  
Watershed Master Plan Yes  No

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### Major Crossings or Outlet Discharge (Streams, Drainage Ways, Railroad, Highway):

| Name:       | Location:                                     | Type of Crossing or Outlet:          | Issues/Comments: |
|-------------|---|--------------------------------------|------------------|
| West Adams  | W side of NW 56 <sup>th</sup> St              | Bike Trail Undercrossing             |                  |
| Beal Slough | NW corner of S. 48 <sup>th</sup> St and Hwy 2 | Outlet – Blunt end pipe with rip rap |                  |
| BNSF        |   |                                      |                  |

### Roadway Parameters:

| Roadway: | Arterial or Residential: | Under pavement or BOC: | Condition of Pavement and Curb: | Existing Utilities: |
|----------|--------------------------|------------------------|---------------------------------|---------------------|
|          |                          |                        |                                 |                     |
|          |                          |                        |                                 |                     |
|          |                          |                        |                                 |                     |

### Overland Flow Path:

*(attach sketch labeled "Exhibit Overland Flow - 1")*

### Downstream Impacts:

*(description of increased flows, existing problems, etc.)*

### TRAFFIC

Through traffic to be accommodated during construction:  Yes  No

If No, Possible Detour Route(s):

Special access issues to be aware of:

Lane closures allowed during peak hours:  Yes  No If yes, document approval

### RIGHT OF WAY

ROW Acquisition Anticipated:  Yes  No Estimated Number of Tracts\_\_\_\_\_

Permanent Easements Anticipated:  Yes  No Estimated # of Tracts\_\_\_\_\_ **PE Only**

Temporary Easements Anticipated:  Yes  No Estimated # of Tracts\_\_\_\_\_ **TE Only**

Relocations Required:  Yes  No \* Tracts + PE Only + TE Only

Replacement of Utility Easements^  Yes  No ^See Stakeholder Checklist for Specifics