

# 2010 INFRASTRUCTURE PROJECTS

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## PREPARED BY: CITY OF ABERDEEN, SD ENGINEERING DEPARTMENT February 9, 2010

NOTE: THE NUMBERS ON THE PROJECTS LISTED BELOW CORRESPOND TO THE NUMBERS SHOWN ON THE CITY MAP ATTACHED TO THIS SHEET.

- 1. NORTHWEST HOLDING POND CONSTRUCTION:** This project will construct a 100 acre-foot holding pond at the confluence of three drainage tributaries on Aberdeen's Northwest side. For comparison, 100 acre-feet is approximately equal to 32,670,000 gallons. The project is designed to reduce the flow of water along the Fairgrounds Road drainage ditch. This reduction in flow will help to prevent the type of flooding that occurred in 2007 as well as reduce flooding due to excessive or fast snow melt.

  - a. Budgeted Project Cost: \$1,000,000.00
  - b. Anticipated Start Date: April 5, 2010
  - c. Anticipated Completion Date: December 31, 2010
  - d. Public Impacts: Due to the location, most work on this project will occur off of any major road ways; therefore impact to the travelling public should be minimal.
  
- 2. DOWNTOWN SIGNALS, LIGHTING, AND STREETSCAPING:** This project will be constructed on S Main St between 6<sup>th</sup> Ave and Railroad Ave and is being done in partnership with the Aberdeen Downtown Association (ADA). The City's share of the project will be to provide new street lighting and signalized intersections. These new lighting fixtures will have a more historic look to better fit the overall vision ADA has for the downtown core area. The ADA's portion of the project will focus on beautification of the core area with new seating areas, planting arrangements, and more historically focused amenities.

  - a. Budgeted Project Cost: City \$900,000.00, ADA \$650,000.00
  - b. Anticipated Start Date: April 1, 2010
  - c. Anticipated Completion Date: October 1, 2010
  - d. Public Impacts: This project will be completed in several phases to minimize impact to downtown businesses to the shortest duration possible. Traffic in the downtown area will be affected with some blocked roads during the time construction is occurring in a particular phase.
  
- 3. 8TH AVE NE SIGNALS, SURFACING AND LIGHTING IMPROVEMENTS:** This project is being constructed in conjunction with the South Dakota Department of Transportation. The City will

resurface the intersections of Dakota, State, and 2<sup>nd</sup> St with 8<sup>th</sup> Ave North. Along with the resurfacing, the City will replace underground utilities such as water, sanitary sewer, and storm sewer mains. SDDOT will upgrade the traffic signals and street lighting at these intersections at the same time.

- a. Budgeted Project Cost: City \$399,000.00; SDDOT \$500,000.00
- b. Anticipated Start Date: April 12, 2010
- c. Anticipated Completion Date: June 25, 2010
- d. Public Impacts: While under construction, these intersections will be closed to through traffic. The public will need to find alternate routes around the intersections. No detours will be provided. The Contractor plans on completing the underground and paving portions of these intersections one at a time, completing the work on one before starting another. Work on the Dakota Street intersection will begin *after* school has dismissed for the summer.

4. **8<sup>TH</sup> AVE NW RECONSTRUCTION:** 2010's reconstruction on 8<sup>th</sup> Ave NE will run from Main Street west to and including the intersection of Lloyd St. The project will consist of new street surfacing and underground utilities throughout. Project length to be adjusted based upon actual construction cost.

- a. Budgeted Project Cost: \$1,200,000.00
- b. Anticipated Start Date: Late April, 2010 (the project will be bid in mid to late March)
- c. Anticipated Completion Date: On or about September 24, 2010
- d. Public Impacts: This project will have specified detours for through traffic. Truck traffic will *not* be allowed to use the detours because the route is through residential areas. Citizens who reside on the project will be allowed to park on side streets or to use alleys for access to their properties.

5. **15<sup>TH</sup> AVE NE STORM SEWER, GRADING AND PAVING:** This project lies between N Roosevelt St and Northview Ln. The grading and storm sewer portion of this project is currently under construction with a May 2010 completion date. The total project consists of the storm sewer that will provide drainage to the future N Roosevelt St reconstruction and an asphalt urban collector street to connect 15<sup>th</sup> Ave NE to N Roosevelt St. The Parks and Recreation department is planning on installing bike path along this street under a separate project. The bid date for the paving and curb & gutter portion of the project will be set in early to mid March.

- a. Budgeted Project Cost: \$500,000.00
- b. Anticipated Start Date: After completion of the storm sewer and grading project already underway
- c. Anticipated Completion Date: Late September or early October
- d. Public Impacts: This is a new construction project – there will be very limited impact to the surrounding neighborhoods (trucks delivering material, etc)

- 6. CONCRETE STREET REHABILITATION:** This is an annual project for the City consisting of replacing damaged joints in concrete pavement. This year work will focus on N Dakota St in the area North of 15<sup>th</sup> Ave NE. (The previous two years the project completed work from 9<sup>th</sup> Ave NE to 15<sup>th</sup> Ave NE.)

  - a. Budgeted Project Cost: \$150,000.00
  - b. Anticipated Start Date: May, 2010
  - c. Completion Date: August 13, 2010
  - d. Public Impacts: The Contractor will close lanes on Dakota Street in one direction or another. Traffic will generally be able to pass thru the construction area, but will experienced reduced speeds through the project.
  
- 7. ACCESSIBLE QUADRANT REPLACEMENT PROGRAM:** Another annual project to bring sidewalk quadrants into compliance with ADA regulations regarding handicapped access. This year's focus is the area west of State St and north of 15<sup>th</sup> Ave NE.

  - a. Budgeted Project Cost: \$100,000
  - b. Anticipated Start Date: May, 2010
  - c. Completion Date: August 13, 2010
  - d. Public Impacts: Because most of the work occurs on the side of the street, little disturbance to motorists will be noted. Foot traffic in these areas will be diverted to sidewalks that will bypass the construction work.
  
- 8. BACKUP POWER GENERATOR INSTALLATION:** This project will install emergency power generators at two of Aberdeen's larger sanitary sewer pumping stations and at the water distribution booster plant. These improvements will allow these facilities to continue operating in the event of prolonged power outages. This will reduce the likelihood of sewer backup in basements and will ensure the uninterrupted supply of drinking water to homes and businesses.

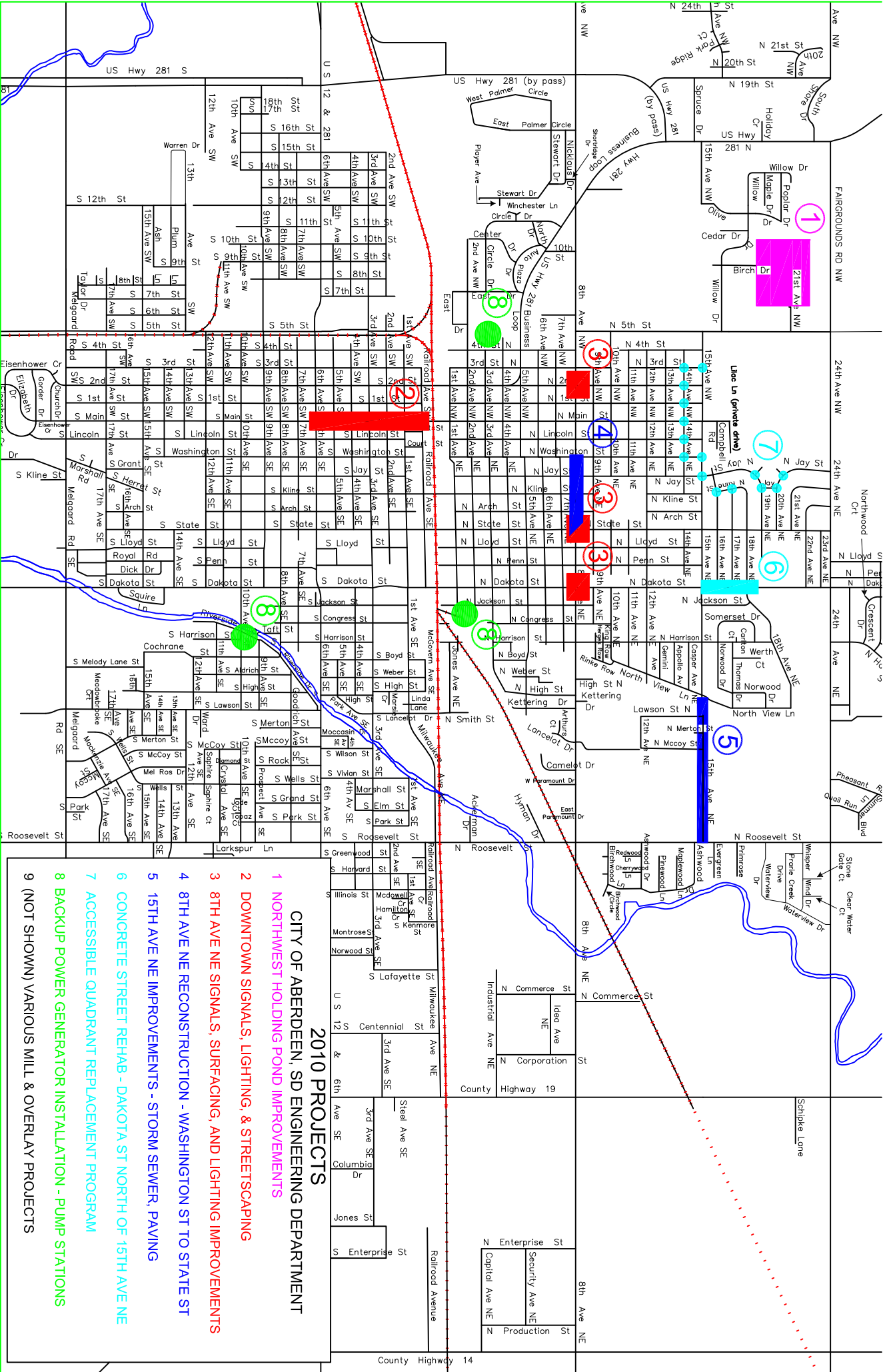
  - a. Budgeted Project Cost: \$220,000
  - b. Anticipated Start Date: May 3, 2010
  - c. Anticipated Completion Date: September 3, 2010
  - d. Public Impacts: There will be virtually no impacts to the public. The work can be completed without interrupting service to any customers.
  
- 9. MILL AND OVERLAY PROJECTS:** In lieu of reconstructing Brown Co Rd #19, the Engineering Department has identified several interior streets that would be excellent candidates to receive a mill and overlay. This work will improve the ride, appearance and structural integrity of the selected streets.

  - a. State Street from RR Tracks north to 8<sup>th</sup> Ave. NE
  - b. 3<sup>rd</sup> Ave. SE from State St. to Dakota St.

**City Contacts:**

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**2010 PROJECTS**  
**CITY OF ABERDEEN, SD ENGINEERING DEPARTMENT**

- 1 NORTHWEST HOLDING POND IMPROVEMENTS
- 2 DOWNTOWN SIGNALS, LIGHTING, & STREETSCAPING
- 3 8TH AVE NE SIGNALS, SURFACING, AND LIGHTING IMPROVEMENTS
- 4 8TH AVE NE RECONSTRUCTION - WASHINGTON ST TO STATE ST
- 5 15TH AVE NE IMPROVEMENTS - STORM SEWER, PAVING
- 6 CONCRETE STREET REHAB - DAKOTA ST NORTH OF 15TH AVE NE
- 7 ACCESSIBLE QUADRANT REPLACEMENT PROGRAM
- 8 BACKUP POWER GENERATOR INSTALLATION - PUMP STATIONS
- 9 (NOT SHOWN) VARIOUS MILL & OVERLAY PROJECTS