



# FACT SHEET

## Engineering Services for Gulkana Area Water and Street Improvements

### Project Scope

The City of Palmer recently awarded a contract to the engineering firm Hattenburg, Dilley & Linnell, LLC, (HDL) to design water and street improvements within the City of Palmer. In addition to replacing water lines and mains, work will include upgrading streets and lighting as detailed on the back of this flyer.

The work is being expedited to take advantage of federal stimulus funds available to replace aging water lines. While crews have the street torn up, it makes sense to also upgrade the road subgrade and surfacing, add sidewalks and update lighting. The street improvements will be funded by Local Improvement District funds, as approved by the Palmer City Council. In a Local Improvement District, property owners share in the cost of the improvements. Details about cost sharing will be worked out as the project progresses.

We need your input to design the best possible project and ensure that we solve existing problems.

***Join us on Thursday, July 9, for a walk-through of the project area.*** We will begin on the north end of the project (Cottonwood Avenue) at 4 p.m., and work our way south until we finish on South Diomedes Street. The project engineer, public participation coordinator and Palmer Public Works director will walk each street to visit with residents and property owners and gather your thoughts on what needs to be accomplished. If we miss you, please call Anne Brooks, Public Participation Coordinator, at 1-866-535-1877. An additional meeting will be held when project design is nearing completion.

### Project Status and Timeline

We are just beginning our work. Expect to see survey crews and geotechnical drilling crews in the area as early as June 30. A construction contract will be awarded prior to February 15, 2010, according to the federal stimulus funding stipulation.

### Project Team

Carter Cole, Public Works Director, City of Palmer  
Scott Hattenburg, P.E., Principal-in-Charge, HDL  
Dave Lundin, P.E., Project Manager, HDL  
Anne Brooks, P.E., Public Involvement Coordinator, Brooks & Associates

### Work Descriptions Street-by-Street

#### Diomedes Street: Fern to Fireweed

- Replace existing 1.5-inch water line with 375 feet of 6-inch DIP (ductile iron pipe) and install new services to the two properties served from this street
- Upgrade the gravel road with pavement, subgrade, curb and gutter, and sidewalk on one side of the street; the west side is preferred.
- Replace the streetlight at Fern and install light emitting diode (LED) street lighting to improve visibility and safety

#### Cottonwood Avenue: Gulkana to Denali

- Replace 6-inch steel water main with 550 feet of 10-inch DIP from Gulkana to about 300 feet east of Denali
- Construct 800 feet of new commercial roadway with pavement, subgrade improvement, curb and gutter, and sidewalk on both sides
- Design street grades to flow to the existing storm drain system in Denali and Gulkana
- Install street lights with LEDs

#### Cedar Avenue: Gulkana Street to 480 feet east

- East end improvements will be determined in design, and may stop about 480 feet to the east of Gulkana or may extend to the end of the right of way.
- Replace the existing water line with 6-inch DIP with a hydrant at the end of the run to provide for further extension.
- Upgrade the gravel road with pavement, subgrade, curb and gutter, and sidewalk; the north side is preferred
- Upgrade the streetlight with new LEDs and extend the system (continued next page)

**Work Descriptions Street-by-Street (continued)**

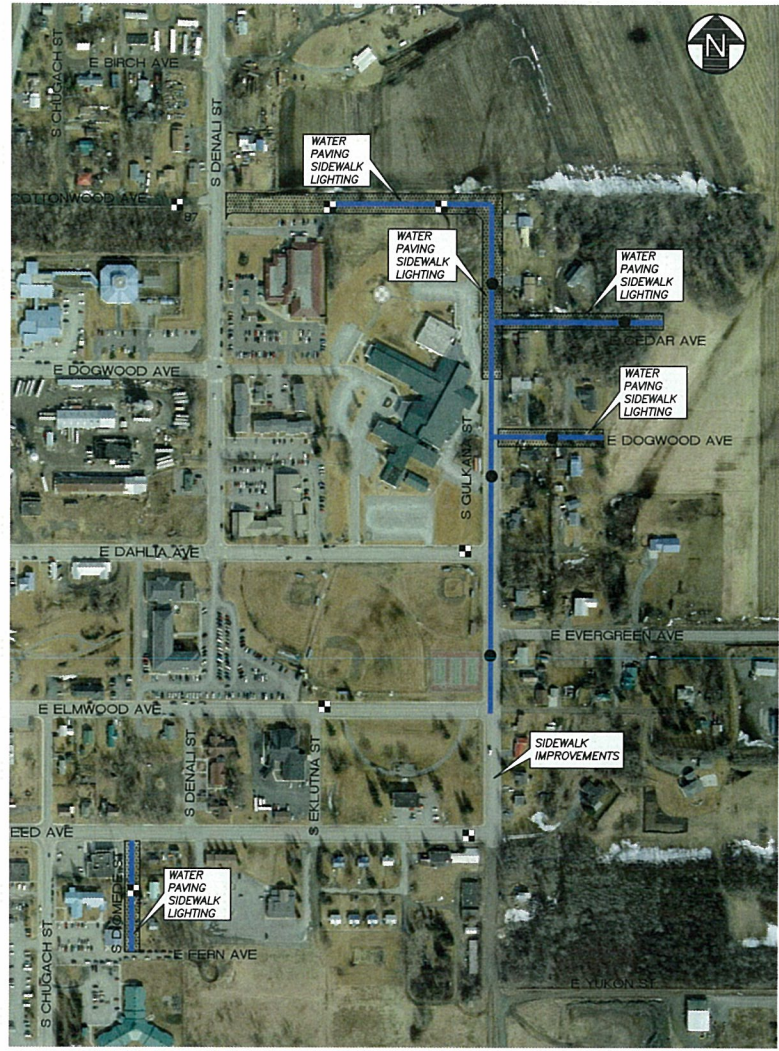
**Dogwood Avenue: Gulkana Street to 300 feet east**

- Replace 300 feet of water line with 6-inch DIP, install fire hydrant at the end of the run for future extension
- Upgrade the gravel road with pavement, subgrade, curb and gutter, and sidewalk
- Relocate the existing catch basins and re-use the existing storm drain system
- Add one new street light and upgrade the existing streetlight at the east end with LEDs

**Gulkana Street: Fireweed to Cottonwood**

- Replace 6-inch water main with 1,300 feet of 10-inch DIP water main from Evergreen to Cottonwood
- Replace the existing 12-inch water main from Elmwood to Evergreen with 200 feet of 16-inch DIP
- Upgrade the gravel road from the end of the pavement north of Dogwood Avenue to Cottonwood Avenue with pavement, subgrade, curb and gutter, and sidewalk on both sides
- Replace existing pavement disturbed by water main replacement; install accessible ramps at intersections
- Upgrade streetlights with LEDs

**Project Location Map**



*Join us for a project walk-through in your neighborhood on Thursday, July 9, beginning at 4 p.m. on Cottonwood Avenue!*

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