

RESOLUTION NO. 10-48

Commissioner Bekkedahl introduced the following Resolution and moved its adoption:

RESOLUTION RECEIVING THE ENGINEER'S REPORT AS TO THE GENERAL NATURE, PURPOSE, AND FEASIBILITY OF THE PROPOSED IMPROVEMENT AND AN ESTIMATE AS TO THE PROBABLE COST OF WORK FOR **STREET IMPROVEMENT DISTRICT 10-6**, AND APPROVING THE SAME.

BE IT RESOLVED BY THE BOARD OF CITY COMMISSIONERS OF THE CITY OF WILLISTON, NORTH DAKOTA:

That the Engineering Report as the general nature, purpose, and feasibility of **STREET IMPROVEMENT DISTRICT 10-6** and the estimate of the probable cost of such work hereby be approved and hereby ordered to be placed on file in the office of the City Auditor, where they shall remain on file subject to inspection by anyone interested herein.

The motion for the adoption of the foregoing Resolution was duly seconded by Commissioner Cymbaluk, and upon vote being taken thereon, the following Commissioners voted "AYE": Bogar, Bekkedahl, Klug, Cymbaluk and Koeser and the following voted "NAY": None. Absent and not voting: None. Whereupon said motion was declared duly passed and adopted this **28th day of September 2010**.



E. Ward Koeser, President
Board of City Commissioners

ATTEST:



John Kautzmar, City Auditor

Kadrmass
Lee &
Jackson

Engineers Surveyors
Planners

ENGINEERING REPORT
PROPOSED STREET IMPROVEMENTS
GRANITE PEAK SUBDIVISION PHASE I & II
STREET IMPROVEMENT DISTRICT 10-06
WILLISTON, NORTH DAKOTA
SEPTEMBER, 2010

This report discussed will present the proposed street improvements to to be constructed for the Granite Peak Subdivision Phase I & II. This project will consist of street improvements to 29th Avenue from 26th Street to the intersection of Chokecherry; Chokecherry Street between 29th and 27th Avenues; 27th Avenue from 26th Street to the southern project boundary; and 23rd Street west from the intersection with 27th Avenue. The location of the proposed project is shown in the attached drawing.

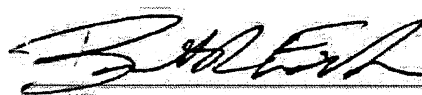
All proposed streets would be surfaced with 4" of hot bituminous asphalt pavement placed over a 8" aggregate base over a roadway geotextile and a graded and prepared subgrade. Concrete curb & gutter would be installed to provide drainage to existing storm sewers. The curb and gutter would be installed 36 feet back to back on 29th & 27th Avenues and Chokecherry Street. The curb and gutter would be installed 38 feet back to back on 23rd Street.

The proposed project is estimated to cost approximately \$800,000. A detailed cost estimate is attached to this report.

The proposed project costs would be assessed to the benefited property owners on a front foot basis. Past City policy has been to include the length of the short side and one half the length of the long side as the assessable footage of corner lots. Estimated assessments for each lot are attached to this report.

Should you have any questions or need any additional information please contact our office at any time.

Respectively Submitted
Kadrmass, Lee & Jackson, Inc.



Brent R. Erickson, P.E.
Civil Engineer

Enclosure District Map (8.5x11)
Improvement Map (8.5x11)
Opinion of Probable Cost

701 355 8400

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Kadrmass, Lee & Jackson, Inc.

A KLJ Solutions Company

KLJ Project No. 7610116

**Granite Peak Subdivision
Street Improvement District 10-6
Opinion of Probable Cost
September 27, 2010**

Item No.	Spec Section	Description	Unit	Estimated Quantity	Unit Price	Total Price
1	NA	Mobilization	LS	1	\$ 25,000.00	\$ 25,000
2	SP02220	Subgrade Preperation	SY	11,714	\$ 1.50	\$ 17,571
3	SP02220	Roadway Geotextile	SY	11,714	\$ 2.25	\$ 26,357
4	2501	Tack Coat	Gal	1,105	\$ 2.50	\$ 2,763
5	2513	AC Leveling Course (Class	Ton	1,360	\$ 60.00	\$ 81,600
6	2513	AC Base Course (Class 29)	Ton	1,360	\$ 60.00	\$ 81,600
7	2513	Asphalt Cement (PG 58-28)	Gal	44,798	\$ 2.50	\$ 111,995
8	2519	Base Course (Class V)	Ton	5,265	\$ 20.00	\$ 105,300
9	2601	Adjust Manhole Casting	EA	17	\$ 200.00	\$ 3,400
10	3300	Standard Curb and Gutter	LF	5,151	\$ 24.00	\$ 123,624
11	3300	Concrete Valley Gutter	SF	1,500	\$ 10.00	\$ 15,000
12	3300	Concrete Sidewalk Ramps	SF	1,200	\$ 12.00	\$ 14,400
13	NA	Traffic Control	LS	1	\$ 2,000.00	\$ 2,000
Total Estimated Construction						\$ 610,609
		Unanticipated & Contingency	6%	1	\$ 36,739	\$ 36,739
		Design, Surveying & Construction Observation	20%	1	\$ 122,122	\$ 122,122
		City Administration & Legal	5%	1	\$ 30,530	\$ 30,530
Estimated Total Cost						\$ 800,000

Notes:

1. All quantities were measured from 90% complete construction plans dated 09/20/2010.
2. Aggregate base class units were estimated using a 1.8 tons to cubic yard conversion and a 8-inch depth.
3. Hot bituminous pavement units were estimated using a 2 tons percubic yard conversion and a 4-inch depth.
4. Asphalt cement units were estimated at 6.2% of the AC tonnage and a conversion of 250 gallons per ton.
5. Number of Lots in Phase I & II = 59

In providing estimates of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgment and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost. The Client assumes all liability if using this Probable Construction Cost for determining project feasibility or securing project funding/financing.

Granite Peak Subdivision	3	12	147.65	\$31,401.35
Granite Peak Subdivision	5	12	80.00	\$17,013.94
Granite Peak Subdivision	5	13	75.00	\$15,950.57
Granite Peak Subdivision	5	14	140.77	\$29,938.16
Granite Peak Subdivision	7	1	52.27	\$11,116.48
Granite Peak Subdivision	7	2	37.50	\$7,975.28
Granite Peak Subdivision	7	3	37.50	\$7,975.28
Granite Peak Subdivision	7	4	37.50	\$7,975.28
Granite Peak Subdivision	7	5	40.00	\$8,506.97
Granite Peak Subdivision	7	6	40.00	\$8,506.97
Granite Peak Subdivision	7	7	40.00	\$8,506.97
Granite Peak Subdivision	7	8	40.00	\$8,506.97
Granite Peak Subdivision	7	9	40.00	\$8,506.97
Granite Peak Subdivision	7	10	40.00	\$8,506.97
Granite Peak Subdivision	7	11	40.00	\$8,506.97
Granite Peak Subdivision	7	12	40.00	\$8,506.97
Granite Peak Subdivision	7	13	40.00	\$8,506.97
Granite Peak Subdivision	7	14	40.00	\$8,506.97
Granite Peak Subdivision	7	15	40.00	\$8,506.97
Granite Peak Subdivision	7	16	40.00	\$8,506.97
Granite Peak Subdivision	7	17	40.00	\$8,506.97
Granite Peak Subdivision	7	18	40.00	\$8,506.97
Granite Peak Subdivision	7	19	40.00	\$8,506.97
Granite Peak Subdivision	7	20	40.00	\$8,506.97
Granite Peak Subdivision	7	21	40.00	\$8,506.97
Granite Peak Subdivision	7	22	40.00	\$8,506.97
Granite Peak Subdivision	7	23	40.00	\$8,506.97
Granite Peak Subdivision	7	24	101.12	\$21,505.62
Granite Peak Subdivision	8	1	95.00	\$20,204.06
Granite Peak Subdivision	8	2	45.00	\$9,570.34
Granite Peak Subdivision	8	3	45.00	\$9,570.34
Granite Peak Subdivision	8	4	51.14	\$10,876.16

3761.62

\$800,000