

SUBJECT: 1998 Road Bonds/Construction Projects

PREPARED BY: Cindy Roberts, Director Public Works

DATE: 1/6/98

FOR AGENDA OF: January 12, 1998

SUMMARY:

Department of Public Works is in varying stages of development on the following projects. (Cost estimates are not available for all roads).

FISCAL IMPACT: No Yes, amount requested: \$ Fund:

RECOMMENDED ACTION:

Council will be informed as specific projects reach critical stages and approvals are required.

Sarah Palin

Reviewed by: SARAH PALIN, Mayor

- Attachments:
- 1998 Road Bonds/Construction Projects
- 1997 Construction Summary
- Memo

COUNCIL ACTION

Set for public hearing: 1/12/98
 Public hearing: 1/26/98
 Amended as follows: 2/9/98

1	Spruce Avenue (Phase 1-3)	15,000	\$2,000,000	Anticipate MSB dust control funds
2	Weber Drive	900	\$252,000	Figure may be low depending on scope
3	North Country LID	6,000	\$700,000	
4	Susitna Avenue	2,300	\$400,000	Storm drainage included
5	Mystery Avenue	4,000	\$1,600,000	
6	Engineering reserve for summer construction of 1999		\$ 600,000	
TOTAL			\$5,552,000	

Adopted as amended: 2/9/98

APPROVED

DATE: 2/9/98

BY: *K. VanSledright*

1998 Road Bonds / Construction Projects

CIP Projects (funding in place)

Estimates

1. BIKEPATHS

DPW

- a. Nelson / Gray Bark intersection to Lucille
- b. Peck Street Snohomish to Fishhook

\$ 40,000

\$ 40-50,000

STATUS: FY '98 funding in place

2. EAST WESTPOINT DRIVE water / sewer installation

Ak Rim Engineering

\$ 95,000

STATUS: FY '98 funding in place (catalyst: City annexation 3/96)
Preliminary engineering by 1/30/98. Bid documents ready by 3/1/98.

BOND ISSUE and LID PAVING PROJECTS

1. SPRUCE AVENUE

Ak Rim Engineering

\$500,000 to \$900,000

- b. Phase IA continuing west to Lucille

STATUS: Preliminary engineering by 2/15. Option being considered to use "unattached" bike trail design similar to Lucille bikepath and avoid expense of curb and gutter design. This also facilitates using the current road alignment which is not lined in the center of the ROW. The bikepath will be on the north side of Spruce on MSB land. As of 1/19/98, we are still waiting to hear about MSB contribution on (dust control) paving expenses.

2. WEBER DRIVE Parks Highway to Nelson Drive

Denali North

Estimate Pending

STATUS: Replat / Public Use Easement in progress. Discussions held with DOT/PF re: storm drain system coordination and Parks intersection realignment. Property owners (Wendys, Weber, & Johnson) meeting held with DPW 1/6 to coordinate project with adjacent owners. (curb and gutter + bikepath) 900 lf to connect Parks to Nelson.

3. NORTH COUNTRY ESTATES

Paving LID proposed

Denali North

\$881,000

STATUS: Preliminary design completed. Public informational meeting scheduled for Wednesday 1/14. Formal survey of interest will be sent to property owners via registered mail. Public hearings will follow. Total cost of LID estimated \$881,000.

Preliminary estimated cost divided by 67 property owners (if all parcels are assumed to be equal) would result in approximately \$4,5000 assessment per property owner.

4. SUSITNA DRIVE

LID proposed
\$266,000

\$450,000 est. to
lake

STATUS: No new estimates at this time.

Estimates (2/25/93) based on 71 lots. Does not include the last 2000 lf. to Lake Lucille.

The LID was not worked into this process in '93. City's share on Susitna Ave was 66% and 30% on side streets. This would all change to normal LID 66% City share on all paving.

5. EASTERN EXTENSION OF CITY WATER

Estimates Pending

There is interest from commercial developers in extension of the water/sewer utilities in areas which will be affected by the coming Parks Highway up-grades. There may be interest in pushing ahead of major work by DOT/PF.

Revised Road Bond Project Estimates for Construction Seasons 1998-1999

Priority Project	Length (in feet)	Estimated Total Project Cost	Remark
1 Spruce Avenue (Phase 1-3)	15,000	\$2,000,000	Anticipate MSB dust control funds
2 Weber Drive	900	252,000	Figure may be low depending on scope
3 North Country LID	6,000	700,000	
4 Susitna Avenue	2,300	400,000	Storm drainage included
5 Danna Avenue	1,500	300,000	
6 Mystery Avenue	4,000	1,600,000	
7 Engineering reserve for summer construction of 1999		\$ 300,000	
		\$5,552,000	Total

- Church Road South \$3,500,000 estimate
(wetland permit expires 06/16/00)
- Future LID's
 - 1 Recluse/Melanie
 - 2 Winter/Holiday

Recommended Motion: Move to amend CM 98-06 to approve projects 1 - 7 as stated above.

1997 City of Wasilla Construction Summary

File ccrds12.8

1. KGB WATER MAINLINE EXTENSION CIP *Raven Engineering
GCM Construction*

STATUS: Completed on time, within budget. WASI hooked-up. Financial participation requested of WASI, Williwaw Manor, and Chinook Villa.

2. CENTURY PARK SUBDIVISION LID Paving *AK Rim Engineering
Wilder Construction*

STATUS: Completed except for final hydroseed.

CIP Water DPW
Up-grade & MUC purchase

STATUS: MUC Purchase pending APUC approval. Hydrant system in place to be activated following MUC purchase and isolation from previous well.

CIP Sewer DPW
Improvements

STATUS: Installation completed. Water system cost over-runs may be covered by KGB system savings. Additional appropriation will be required to fund sewer portion of Century Park LID and WASI water service line. *

3. GLENWOOD AVENUE CIP Paving *Denali North
Summit Paving*

STATUS: Completed. Final costs pending..

4. WOODCREST SUBDIVISION LID Paving *Denali North
Summit Paving*

STATUS: Completed. Final costs by 12/15/97.

5. PATRICIA AVENUE LID Paving *Ak Rim Engineering
Wilder Construction*

STATUS: Completed. Final costs under negotiation.

6. SPRUCE / FISHHOOK / PECK CIP Paving *Ak Rim Engineering
Intersection
Wilder Construction
Realignment*

STATUS: Completed.

* Council (by resolution 7/97) transferred \$67,000+ from Hallea sewer crossing to CIP sewer construction fund. This was wiped out 8/97 by Finance through ordinance funding CIP Digester and septic tank replacement. Final appropriation request will be made to Council in January.

MEMO

DATE: December 31, 1997
TO: Sarah Palin, Mayor
THRU: Cindy Roberts, PW Director *CR*
FROM: Larry Bridge, Road Superintendent *L*

During our meeting on LID formation on December 30, 1997 you requested public works to investigate the feasibility of an LID project for the Susitna Avenue area on the south side of town.

As I understand it, the original LID formation consisted of Floyd subdivision, Blocks 1 thru 8 and Kennedy Addition, Blocks 2, 3 & 4. This proposal includes Kennedy Addition Blocks 1 thru 14 and Blocks 4 & 5 of Floyd Subdivision.

The roads department continues to hear from the local property owners in that area about the lack of maintenance and dust control. Because of the continuing dust and maintenance problems caused by residential and commercial traffic we propose the following for LID boundaries.

Option 1. Susitna Avenue from Lake Street to Denali Street in its entirety.

Option 2. As specified in option 1 but to include three cross streets, Boundary, Talkeetna and Denali Streets.

REASON: Option 1 - Susitna Avenue west of KGB leads to activity at Carter Park and Lake Lucille boat launch. Although no traffic counts have been done in recent years. it is obvious from the maintenance stand point that traffic use has increased substantially . All utilities are in with the exception of a storm drainage pipeline that would need to be placed before construction. There are no recent soils tests of that area, but several excavations over the past few years indicate good soils.

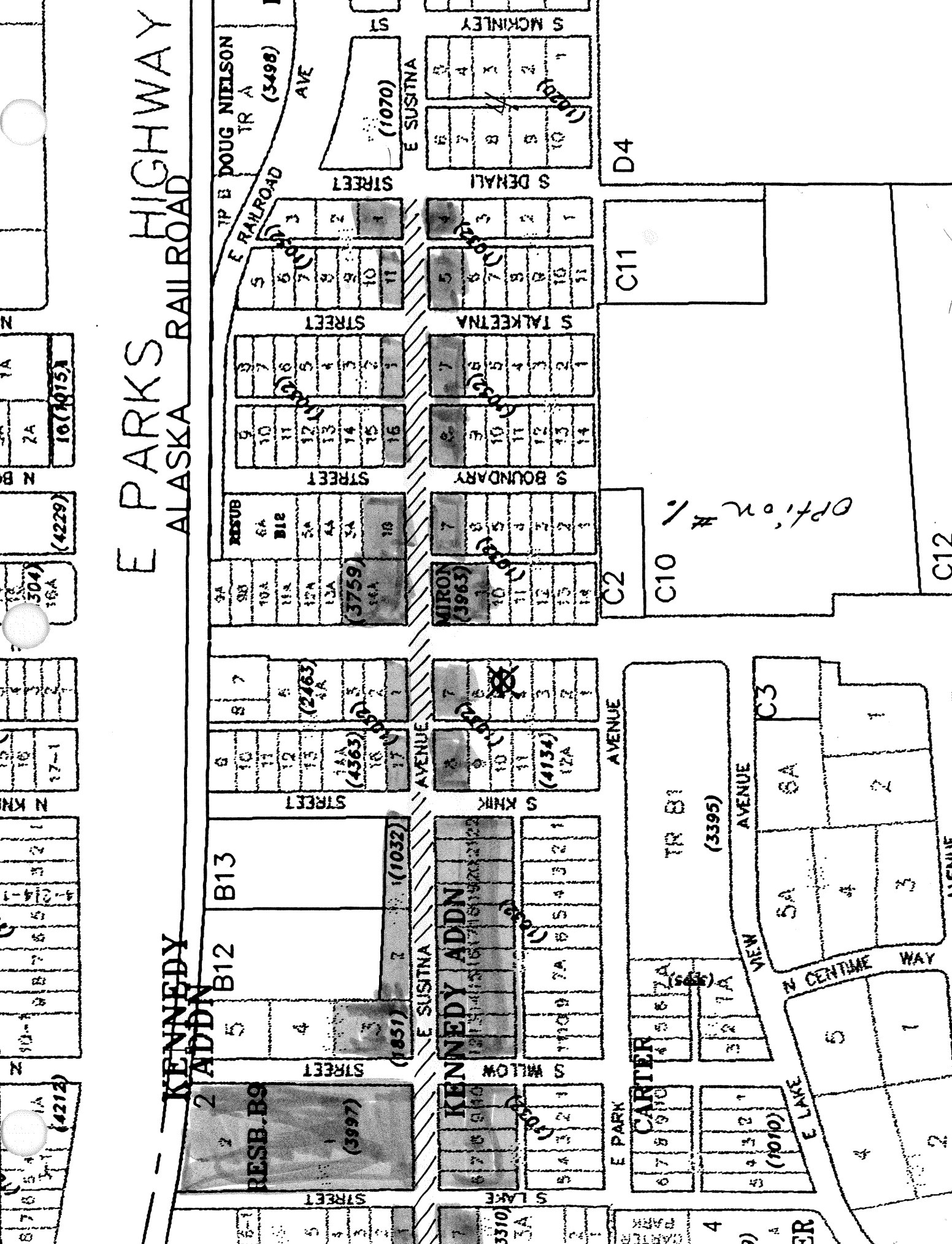
Susitna Avenue East to Denali Street suggests minor problems from the soils standpoint as well as base utilities and storm drainage to be addressed.

Page 2
Memo
Susitna Ave

The side streets added in option 2 could create some problems such as R-O -W, utilities and drainage. The soil material should be of the same quality as Susitna Avenue. Because of the R-Of -W, some excess materials in the form of overburden may need to be excavated.

I added these streets to the option because of property development as well as the fact that original LID shows good support for the project.

E PARKS HIGHWAY ALASKA RAILROAD



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STATUS: FY '98 funding in place

2. EAST WESTPOINT DRIVE

Ak Rim Engineering

water / sewer installation

\$ 95,000

STATUS: FY '98 funding in place (catalyst: City annexation 3/96)
Preliminary engineering by 1/30/98. Bid documents ready by 3/1/98.

BOND ISSUE and LID PAVING PROJECTS

1. SPRUCE AVENUE

- a. Phase I Peck Street / Fishhook intersection realignment

Ak Rim Engineering
Wilder Construction

STATUS: Completed.

- b. Phase IA continuing west to Lucille

Ak Rim Engineering

STATUS: Preliminary engineering by 1/5/98.

- c. Phase II Lucille west to Lucas

STATUS: Preliminary engineering contract to be let 5/98.

- d. Phase III Lucas to Church Road

STATUS: Preliminary engineering contract tba

FACTORS TO CONSIDER . . . 12/1/97 the City applied for financial assistance from MSB under matching funds for dust control / air quality. Decision tba.

BOND ISSUE PROJECTS and LIDs continued . . .

2. WEBER DRIVE Parks Highway to Nelson Drive *Denali North*

STATUS: Replat / Public Use Easement in progress. Discussions held with DOT/PF re: storm drain system coordination and Parks intersection realignment. Property owners (Wendys, Weber, & Johnson) meeting scheduled with DPW 1/6 to coordinate project with adjacent owners. (curb and gutter + bikepath)

3. NORTH COUNTRY ESTATES Paving LID proposed *Denali North*

STATUS: Preliminary design completed. Public informational meeting scheduled for Wednesday 1/14. Formal survey of interest will be sent to property owners via registered mail. Public hearings will follow. Total cost of LID estimated \$881,000.

Preliminary estimated cost divided by 67 property owners (if all parcels are assumed to be equal) would result in approximately \$4,5000 assessment per property owner.

4. SUSITNA DRIVE Paving LID proposed See attached memo

5. DANNA DRIVE CIP ??

Approximately 1,500 linear feet of paving would connect Lucille Drive and Fishhook and improve traffic flow. It may be best to delay to coordinate design with DOT/PF and the Bogard / Fishhook intersection

6. CHURCH ROAD SOUTH CIP *R & M Engineering*

STATUS: Engineering completed. Wetlands permit acquired.

7. LUCILLE AVENUE Danna Avenue to Spruce Avenue

STATUS: Needs storm sewer up-grades and re-cap with 1.5" of asphalt. Estimated cost: \$250-350,000. Capping at this point in the maintenance schedule will extend the life of the road 15-20 years, even with current heavy traffic load.

OTHER PAVING PROJECTS not currently on the priority list

(LIDs can be reprioritized to reflect property owner interest.)

1. SWANSON AVENUE

STATUS: Needs resurfacing, storm drain corrections, and subsurface improvements. This project requires engineering to problem solve and maximize return on investment. Costs unknown.

2. MYSTERY AVENUE Church Road east through Bumpus to Lucus

STATUS: No road currently connects the ballfields east to Lucus. R.O.W. acquisition and clearing are required as well as engineering and design on 4,000'. Cost estimate: unknown, but in the \$700,000 range. Improvements on 1,300' developed road have estimated cost of \$145,000 range.

3. RECLUSE Paving LID proposed

STATUS: 14 of the 57 homeowners in the proposed LID responded to letters of interest sent by Jeff Williams. 13 of those returned were in favor of the LID formation. This area is part of the LID proposed for Melanie Avenue which did not go forward summer '97.

4. MELANIE Paving LID proposed *Denali North*

STATUS: There is still interest in dust control / paving. DOT/PF traffic counters were gathering data earlier in December. There may be a method of splitting the previous LID into Recluse and Melanie sections, perhaps with different accounting systems.

5. WINTER / HOLIDAY Paving LID proposed

STATUS: 8/97, 21 property owners (of 87) responded positively to an informal survey re: interest in forming a paving LID. City Council approved funding to obtain preliminary engineering and cost estimates. DPW staff was heavily committed with wrap-up of other projects and the project did not go forward in '97.

6. VAUNDA Paving LID proposed

STATUS: The property owners rejected the previous funding formula.

7. SENECA to PECK Paving LID proposed

STATUS: Initiated, but not active at this time