



CITY OF WASILLA

290 E. HERNING AVE.
WASILLA, ALASKA 99654-7091

COUNCIL INFORMATION MEMORANDUM NO. 95-29

Area Code (907)

Administration
Ph: 373-9055
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From: Administration
Date: July 5, 1995

Clerks Office
Ph: 373-9065
Fx: 373-9085

SUBJECT: PROPOSED WEST PARKS HIGHWAY WATER/SEWER SERVICE LID

Finance
Ph: 373-9070
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Three major commercial operations (SBS, MatSu School District, and Lake Lucille Lodge) and others, have requested the City to investigate and/or provide water/sewer service to their businesses located west of available service along the Parks Highway.

Library
Ph: 376-5913
Fx: 376-2347

WATER LID SERVICE

Museum
Ph: 373-9071
Fx: 373-9072

Consultant efforts have provided hydraulic analysis for the extension of water mains to provide water service to west Parks Highway businesses. Two preferred scenarios have emerged that demonstrate main line extension capabilities, and appear to lend themselves to a two phased construction approach.

Planning
Ph: 373-9074
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Ph: 373-9077
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The first option (Phase I) includes a water main extension from the existing line now terminating at approximately where AIH is located on the Parks Highway to a point at Lucus Road. A crossing of the Parks highway occurs at Lucus and extends down Halleah Lane to Lake Lucille Lodge. The main continues up the north side of the Parks Highway from Lucus Road to the MatSu Alternative School site at Deskas Street and then crosses the Highway again to service the Spenard Builders Supply site. This scenario might meet fire protection quantity standards but would not meet any future water delivery demands. The optimum design (Phase II), adequately meeting fire protection quantity standards, calls for an interconnection (a loop) of the two lines which are dead ended at Lake Lucille Lodge and SBS. This interconnecting main would be located along Lake Lucille Drive.

Public Works
Ph: 373-9095
Fx: 373-9085

Ph: _____
Fx: _____

Phase I water main construction cost opinion is estimated at \$810,214. This Water LID project would serve approximately 22 potential business customers (based upon the number of current land parcels fronting the proposed water main route), and if each parcel were to participate in the Water LID, an equal share would amount to about \$36,827 each (no City participation).

Phase II water main construction (the interconnecting loop) would affect approximately 62 residential type customers along Lake Lucille Drive. This 2,500 foot connecting main, plus a crossing of the Alaska Railroad would probably cost (based on the above studios approach) about \$450,000. Again, if each residential parcel were to participate in the interconnecting Water LID, an equal share would amount to about \$7,250 each (no City participation). Note: These cost opinions do not include the costs

associated with individual service connects (the cost of installing a service line from the water main to each individual point of demand).

SEWER LID SERVICE

One preferred option exists for the provision of sewer service along west Parks Highway. Substantial savings could occur if this work was accomplished simultaneously with the water main extension work.

This sewer main extension option consists of basically the same location scenario as the first Phase Water Main construction depicted above - from the existing sewer main ending behind AIH to the Alternative School site at Deskas. The construction budget opinion for this sewer extension project is estimated at approximately \$596,727. This Sewer LID project would also serve approximately 22 potential business customers (based upon the number of current land parcels fronting the proposed water main route), and if each parcel were to participate in the Sewer LID, an equal share would amount to about \$27,124 each (no City participation).

WATER/SEWER LID PROJECT

For the 22 parcel/property owners to participate in a combined water service, sewer service LID, each participant could expect to contribute approximately \$64,000 apiece towards the construction and extension of the City's water and sewer mains.