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# Alaska State Legislature

## House of Representatives

### Committee on Transportation



Rep. Bette Cato, Chairman

Pouch V  
State Capitol  
Juneau, Alaska 99811  
(907) 465-4858

March 27, 1982

HOUSE TRANSPORTATION COMMITTEE  
LETTER OF INTENT

TO ACCOMPANY HB 286

"An Act making a special appropriation for payment as a grant to the City of Nenana for ferry construction; and providing for an effective date."

The House Transportation Committee has had HB 286 under consideration.

Section 1 of HB 286 appropriates from the general fund \$8,600,000 as a grant to the City of Nenana for construction of an Upper Yukon River stern-wheeler ferry.

It is the intent of the House Transportation Committee that a condition be included in the terms of agreement for Nenana to receive the grant. The condition is that if the Alaska Marine Highway Authority is created, (presently HB 651) then the City of Nenana must transfer this project to the Marine Highway Authority once that Authority is established.

*Bette Cato*  
*Ch. Transportation Committee*

Funding Information  
General Fund \$8,600,000  
Other Funds -0-  
\$8,600,000

Introduced: 3/8/82  
Referred: Transportation and  
Finance

1 IN THE HOUSE

BY ROGERS AND MOSS

2 SPONSOR SUBSTITUTE FOR HOUSE BILL NO. 286

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TWELFTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation for payment as a  
7 grant to the City of Nenana for ferry construction; and  
8 providing for an effective date."

9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 \* Section 1. The sum of \$8,600,000 is appropriated from the general fund  
11 for payment as a grant to the City of Nenana for construction of an Upper  
12 Yukon River stern-wheeler ferry.

13 \* Sec. 2. The appropriation made by this Act shall be disbursed in accor-  
14 dance with AS 37.05.315 - 37.05.319.

15 \* Sec. 3. This Act takes effect immediately in accordance with AS 01.10.-  
16 070(c).

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COMMITTEE REPORT

3/31

HOUSE

FURTHER: FINANCE

(7)

3/8/82

Date: March 25, 1982

Mr. Speaker: (Taken from Finance 3/8/82)

The Committee on TRANSPORTATION has had SSHB 286

"An Act making a special appropriation for payment as a grant to the City of Nenana for ferry construction; and providing for an effective date."

under consideration and ~~(a majority of the committee)~~ ~~(the committee)~~----- reports it back with the following recommendations:

- do pass  do not pass
- do pass with attached amendments(s)
- replace with CS for \_\_\_\_\_  same title
- new title
- and recommends \_\_\_\_\_

AND attaches a "Letter of Intent"  New Fiscal Note

reports it back <sup>individual</sup> without recommendation

referred to the Finance (already def. in) Committee

MEMBERS SIGNING  
DO PASS

*Happy Moran*

*Paul J. ...*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

MEMBERS HAVING  
OTHER RECOMMENDATIONS:

*Walter ...*

*Jim Sutchiff ...*

*Bette ...*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Bette ...*  
CHAIRMAN

*colvin*

|                     |                    |
|---------------------|--------------------|
| Funding Information |                    |
| General Fund        | \$8,600,000        |
| Other Funds         | -0-                |
|                     | <u>\$8,600,000</u> |

Introduced: 3/8/82  
Referred: Transportation and Finance

1 IN THE HOUSE

BY ROGERS AND MOSS

2 SPONSOR SUBSTITUTE FOR HOUSE BILL NO. 286

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TWELFTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation for payment as a  
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8 providing for an effective date."  
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10 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

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COMMITTEE COPY

*Letter*

o

# Alaska State Legislature

## House of Representatives

### Committee on Transportation

Pouch V  
State Capitol  
Juneau, Alaska 99811  
(907) 465-4858

Rep. Bette Cato, Chairman

March 27, 1982

#### HOUSE TRANSPORTATION COMMITTEE LETTER OF INTENT

TO ACCOMPANY HB 286

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*Bette Cato*  
Ch. Transportation Committee

**ALASKA STATE LEGISLATURE**

THE 1981 Legislature SECOND Session

SPONSOR SUBSTITUTE FOR HOUSE BILL NO. 216

By ROGERS AND MOSE

"An Act making a special appropriation for payment as a grant to the City of Nenana for ferry construction; and providing for an effective date."

Spec appro - City of Nenana for ferry construction

Introduced in the House ... 3/3, 19. 82

**HISTORY IN THE HOUSE**

|                          |   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|--------------------------|---|------------------------|-----------------------|-------------|-----------------------|------|------|--------|--------|---------|---------|---------|---------|
| 19 82                    | Read first time and referred to Committee on  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Mar 8                    | Transportation and Finance<br>Reported back with recommendation that  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                          | Read second time and  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                          | Read third time and   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                          | <table border="0"> <tr> <td><b>PASS</b></td> <td><b>Effective Date</b></td> </tr> <tr> <td>Yeas</td> <td>Yeas</td> </tr> <tr> <td>Nays</td> <td>Nays</td> </tr> <tr> <td>Absent</td> <td>Absent</td> </tr> <tr> <td>Excused</td> <td>Excused</td> </tr> </table>  | <b>PASS</b>            | <b>Effective Date</b> | Yeas        | Yeas                  | Nays | Nays | Absent | Absent | Excused | Excused |         |         |
| <b>PASS</b>              | <b>Effective Date</b>   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Yeas                     | Yeas  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Nays                     | Nays  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Absent                   | Absent  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Excused                  | Excused   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                          | <table border="0"> <tr> <td colspan="2"><b>Reconsideration</b></td> </tr> <tr> <td><b>PASS</b></td> <td><b>Effective Date</b></td> </tr> <tr> <td>Yeas</td> <td>Yeas</td> </tr> <tr> <td>Nays</td> <td>Nays</td> </tr> <tr> <td>Absent</td> <td>Absent</td> </tr> <tr> <td>Excused</td> <td>Excused</td> </tr> </table> | <b>Reconsideration</b> |                       | <b>PASS</b> | <b>Effective Date</b> | Yeas | Yeas | Nays   | Nays   | Absent  | Absent  | Excused | Excused |
| <b>Reconsideration</b>   |   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| <b>PASS</b>              | <b>Effective Date</b>   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Yeas                     | Yeas  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Nays                     | Nays  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Absent                   | Absent  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Excused                  | Excused   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                          | Reported correctly engrossed<br>Signed by Speaker<br>Sent to Senate   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| CHIEF CLERK OF THE HOUSE |   |                        |                       |             |                       |      |      |        |        |         |         |         |         |

**HISTORY IN THE SENATE**

|                         |   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|-------------------------|---|------------------------|-----------------------|-------------|-----------------------|------|------|--------|--------|---------|---------|---------|---------|
| 19                      | Read first time and referred to Committee on  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                         | Reported back with recommendation that  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                         | Read second time and  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                         | Read third time and   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
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| <b>PASS</b>             | <b>Effective Date</b>   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Yeas                    | Yeas  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Nays                    | Nays  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Absent                  | Absent  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Excused                 | Excused   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
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| Yeas                    | Yeas  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Nays                    | Nays  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Absent                  | Absent  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| Excused                 | Excused   |                        |                       |             |                       |      |      |        |        |         |         |         |         |
|                         | Reported correctly engrossed<br>Signed by President<br>Returned to House  |                        |                       |             |                       |      |      |        |        |         |         |         |         |
| SECRETARY OF THE SENATE |   |                        |                       |             |                       |      |      |        |        |         |         |         |         |

**HISTORY IN THE HOUSE**

|    |  |
|----|--|
| 19 | Received from Senate   |
|    | Concurred in Senate amendment thus adopting:<br>VOTE                                     |
|    | Failed to concur in Senate amendment; asked Senate to recede<br>VOTE                     |
|    | Senate receded from amendment<br>VOTE  |
|    | Senate failed to recede from amendment<br>VOTE   |
|    | CC appointed by House  |
|    | CC appointed by Senate   |
|    | CC adopted by House<br>VOTE  |
|    | CC adopted by Senate<br>VOTE   |
|    | To enrolling<br>Reported correctly enrolled<br>Sent to Governor<br><br>..... by Governor |
|    | Filed with Lt. Governor  |
|    | Chapter No. ....   |

# Alaska House of Representatives

## MEMO



Phone: 465-3725  
Room: 214 Capitol

From the desk of CHIEF CLERK

TO: FINANCE

DATE: 3/8

Pls give the page your committee copy  
of HB 286 - SSHB 286 will now go first to  
Transportation and then back to Finance.

Original Sponsor: Rogers

*Rogers*

Funding Information

General Fund \$5,678,400

Other Funds -0-

\$5,678,400

1 IN THE HOUSE

BY THE FINANCE COMMITTEE

2 CS FOR HOUSE BILL NO. 286 (Finance)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TWELFTH LEGISLATURE - FIRST SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation for the 1982  
7 Arctic Winter Games; and providing for an effective  
8 date."

9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 \* Section 1. The sum of \$5,678,400 is appropriated from the general fund  
11 for payment as a grant to the Fairbanks North Star Borough for capital  
12 expenditures for the 1982 Arctic Winter Games.

13 \* Sec. 2. The appropriation made by this Act shall be disbursed in  
14 accordance with AS 37.05.315.

15 \* Sec. 3. This Act takes effect immediately in accordance with AS 01.10.-  
16 070(c).

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Funding Information

General Fund \$6,178,400  
Other Funds -0-  
\$6,178,400

Introduced: 3/9/81  
Referred: State Affairs and  
Finance

1 IN THE HOUSE

BY ROGERS

2 HOUSE BILL NO. 286

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TWELFTH LEGISLATURE - FIRST SESSION

5 A BILL

6 For an Act entitled: "An Act making a special appropriation for the 1982  
7 Arctic Winter Games; and providing for an effective  
8 date."

9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 \* Section 1. The sum of \$6,178,400 is appropriated from the general fund  
11 for payment as a grant to the Fairbanks North Star Borough for operating and  
12 capital expenditures for the 1982 Arctic Winter Games.

13 \* Sec. 2. The appropriation made by this Act shall be disbursed in  
14 accordance with AS 37.05.315.

15 \* Sec. 3. This Act takes effect immediately in accordance with AS 01.10.-  
16 070(c).

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THE PRESIDENT'S COUNCIL ON PHYSICAL FITNESS AND SPORTS

WASHINGTON, D.C. 20201

March 12, 1981

The Honorable John Carlson  
Mayor, Fairbanks North Star Borough  
Fairbanks, Alaska

Dear Mayor Carlson:

Recently my brother-in-law, Mr. Ray Haley Vice-President  
Wien Airlines, sent me an article appearing in the Daily  
News-Miner vividly describing the up-coming 1982 Arctic  
Games.

Needless to say you have an ardent rooter and loyal supporter  
in Mr. Haley. He, in turn, caught me up in the excitement  
of the games and convinced me of their importance. I called  
Senator Ted Stevens office and volunteered the President's  
Council to lend support and help in any way we can.

As a point of information, the President, by Executive Order,  
has made the Council responsible for encouraging State and  
local governments to emphasize the importance of regular  
physical fitness and sports participation.

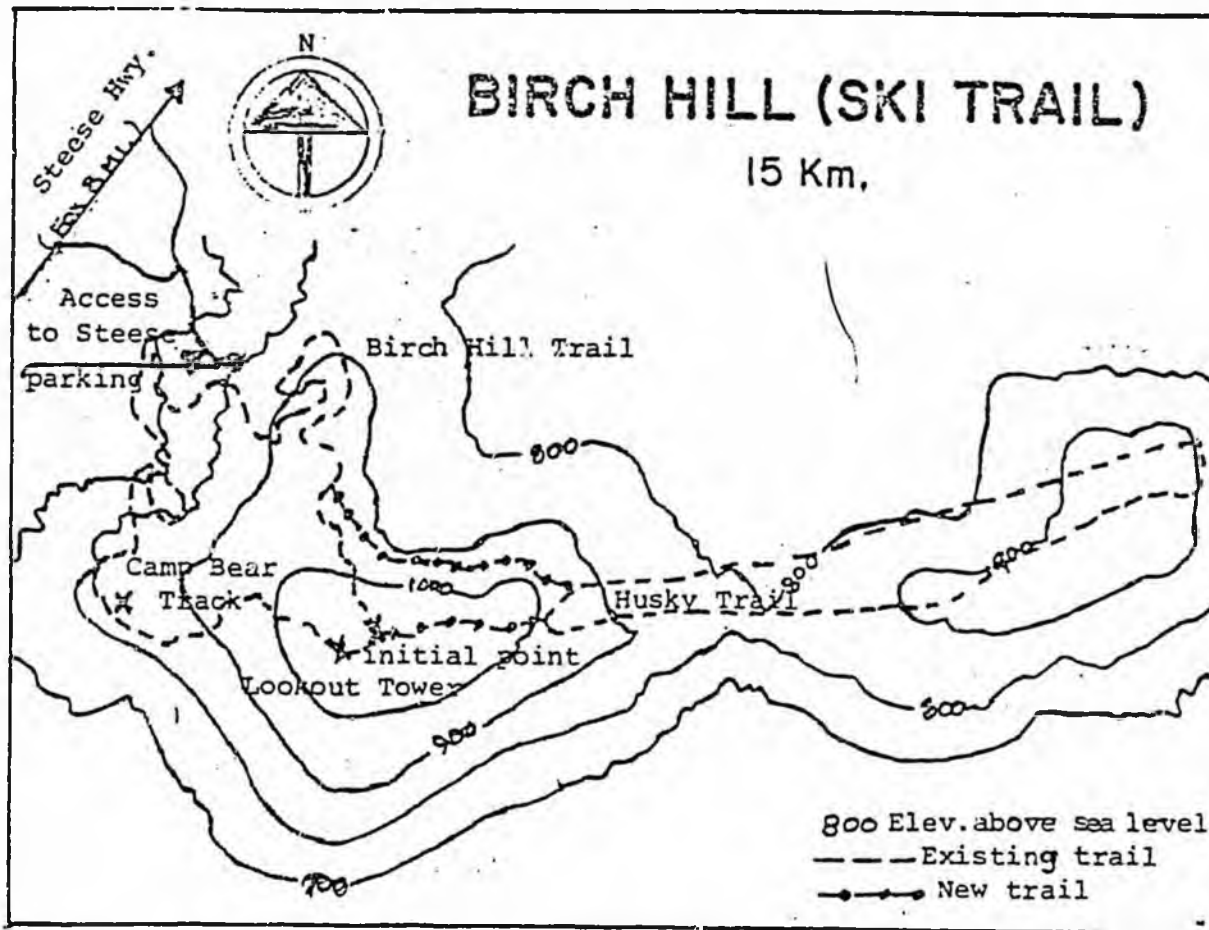
In this respect our staff conducts a continuous public service  
advertising program designed to inform and motivate the  
American people; prepares articles for popular and professional  
publications; publishes booklets, pamphlets, a newsletter;  
and works with private enterprise to develop TV and film  
materials.

The Games sound exciting. Can we help!

Sincerely,

Ted Forbes  
Director of Sports Administration

cc: Senator Stevens  
Ray Haley



BIRCH HILL SKI TRAIL

CAPITAL REQUEST: \$105,400

In 1982, the Arctic Winter Games will be held in Fairbanks. The Birch Hill Ski Trail has been designated as the site where cross-country ski races will be conducted.

In order to adequately test racers' technical, tactical and physical capabilities, some trail renovation is necessary.

Approximately 4 km's of Birch Hill and 6 km's of Husky Trail need renovation. An additional 5 km's of trail could be cut to create a continuous 15 km loop. The entire trail should be 15 feet wide to provide for dual tracks and must avoid steep grades and sharp turns. This entails considerable renovation of the existing trail.

FOR FURTHER INFORMATION REFER TO Pg. 46 OF TECHNICAL APPENDIX.  
 IMPACT ON CURRENT OPERATION AND MAINTENANCE COSTS: \$0

PROGRAM FOR PROGRESS  
 PARKS AND RECREATION  
 TECHNICAL APPENDIX

| BIRCH HILL SKI TRAIL    |          |       |               |              |
|-------------------------|----------|-------|---------------|--------------|
| ITEM                    | QUANTITY | UNITS | UNIT COST     | TOTAL        |
| Improve existing trail: |          |       |               |              |
| Sidehill                | 1        | km    | 10,600        | 10,600       |
| Other                   | 3        | km    | 2,500         | 7,500        |
| Improve Husky Trail     |          |       |               |              |
| Sidehill                | 2        | km    | 10,600        | 21,200       |
| Other                   | 4        | km    | 2,500         | 10,000       |
| Build additional trail  |          |       |               |              |
| Sidehill                | 2        | km    | 11,400        | 22,800       |
| Other                   | 3        | km    | 5,000         | 15,000       |
|                         |          |       | SUBTOTAL      | \$ 87,100    |
| 10% Contingency         |          |       |               | <u>8,700</u> |
|                         |          |       | SUBTOTAL      | 95,800       |
| A/E Design Fee          |          |       |               | 4,800        |
| Administration          |          |       |               | <u>4,800</u> |
|                         |          |       | PROJECT TOTAL | \$105,400    |

Ellerbe Alaska  
Architects Engineers Planners  
601 College Road  
Fairbanks AK 99701  
907 452 1241

**Ellerbe**

March 10, 1981

Fairbanks North Star Borough  
P. O. Box 1267  
Fairbanks, Alaska, 99707

Attn: Bill Lacher

Ref: Big Dipper Renovation  
7348-810  
Design Development Cost Estimate

Gentlemen:

Enclosed find a summary of our current best estimate of probable construction cost (Design Development Level) for complete reconstruction in accordance with the current plan for the subject renovation project.

We are prepared to discuss the various elements that make up the enclosed summary costs at your convenience. We have also compiled the costs associated with some elements of the construction that may be eliminated from the current design or included in the drawings or bid alternates.

Very truly yours,

ELLERBE ALASKA



Bob P. Gray, P.E.

BPG/bc

Enc.  
cc: C. Morgan

BIG DIPPER RENOVATION  
7348-810  
QUANTITY TAKEOFF  
March 3, 1981

GENERAL CONTRACTOR WORK

|   |          |
|---|----------|
| Excavation - 2,348 c.y.                                 | \$ 9,392 |
| Structural Fill - 1,717 c.y.                            | 13,736   |
| Common Fill - 166 c.y.                                  | 664      |
| Remove Asphalt - 25,200 s.f.                            | 12,600   |
| Rmove Concrete Slab - 4,200 s.f.                        | 4,200    |
| Perimeter Insul. - 840 s.f.                             | 1,812    |
| Concrete Floor Slab - 23,256 s.f.                       | 93,024   |
| Concrete Footings (Ext. Wall)                           | 11,100   |
| Shear Walls   |          |
| Concrete  | 115,150  |
| Bracing   | 39,690   |
| Wall Detail 1 (South Side Carpenter Shop)               |          |
| First Floor   | 2,530    |
| Second Floor  | 15,096   |
| Wall Detail 1A (North Side Team Rooms)                  |          |
| First Floor   | 4,280    |
| Second Floor  | 15,096   |
| Wall Detail 2 (South Side Garage)                       |          |
| Effect of Doorways                                      | 4,943    |
| Wall Detail 2   |          |
| First Floor   |          |
| South Side  | 1,800    |
| North Side  | 3,100    |
| Second Floor  | 41,458   |
| Wall Detail 3A (North Side Team Room)                   | 28,988   |
| Wall Detail 4 (West Side Garage)                        | 84,309   |
| Wall Detail 5 (West Side Garage) - included in Detail 4 |          |

BIG DIPPER RENOVATION  
7348-810  
QUANTITY TAKEOFF  
March 3, 1981  
Page Two

|   |          |
|---|----------|
| Wall Detail 6 (West Side Zamboni)<br>First Floor            | \$ 1,550 |
| Wall Detail 7 (East Side & West Side Exits)<br>First Floor  | 6,199    |
| First Floor Walls - Remove Interior Partitions              | 10,344   |
| Wall Detail 7 (West Side - Exits & Zamboni)<br>Second Floor | 10,980   |
| Wall Detail 7 (East Side - Exits)<br>Second Floor           | 4,511    |
| Interior Partitions - First Floor                           |          |
| Grid A-B  | 27,788   |
| Grid B-E  | 18,784   |
| Grid E-H  | 3,255    |
| Grid H-M  | 25,237   |
| Grid M-N  | 4,640    |
| Misc. First Floor   |          |
| Toilet Partitions   | 5,200    |
| Urinal Partitions   | 2,200    |
| Counters  | 8,560    |
| Benches   | 1,200    |
| Ext. Doors  | 73,200   |
| Overhead Doors  | 17,500   |
| Int. Doors  | 44,800   |
| Windows   | 2,880    |
| Mesh Part.  | 3,600    |
| Roll-up Doors   | 6,240    |
| Toilet Rooms - Accessories                                  | 5,500    |
| Stairs  | 16,800   |
| Floor Grates  | 700      |
| Drinking Fountains  | 3,600    |
| Ceiling - Floors (First Floor Ceiling/Second Floor Floor)   |          |
| Detail 1  | 5,040    |
| Detail 1A   | 13,328   |
| Detail 2  | 15,744   |
| Details 4,5,6 & 7   | 106,620  |
| Seating - Bleachers   |          |
| Fixed Seats   | 250,000  |
| Folding Seats   | 32,500   |

## BIG DIPPER RENOVATION

7348-810

QUANTITY TAKEOFF

March 3, 1981

Page Three

|   |              |
|---|--------------|
| Misc. Second Floor                            |              |
| Toilet Partitions                             | 5,600        |
| Toilet Room - Accessories                     | 2,000        |
| Counters                                      | 7,600        |
| Base Cab.                                     | 1,440        |
| Wall Cab.                                     | 540          |
| Trophy Case                                   | 6,400        |
| Interior Partitions                           | 64,512       |
| Windows                                       | 29,440       |
| Doors   | 23,200       |
| Roll-up Door                                  | 4,800        |
| Walls Each End of Rink                        | 51,120       |
| Elevator                                      | 40,000       |
| Ceiling - Roof (Second Floor Ceilings)        |              |
| Details 1, 1A & 2                             | 55,213       |
| Ceiling - Roof (Second Floor Ceilings) - New  |              |
| Details 4, 5, 6 & 7                           |              |
| Metal Roofing                                 | 107,104      |
| Ceiling                                       | 39,135       |
| Ceiling - Roof (Ice Rink High Roof)           | 237,739      |
| First Floor Floor Finishes                    |              |
| Skate Tile - 4,812 s.f.                       | 40,000       |
| Sport Tread - 4,480 s.f.                      | 31,360       |
| Ceramic Tile - 600 s.f.                       | 4,500        |
| Pedigrid - 1,030 s.f.                         | 15,450       |
| Second Floor Finishes                         |              |
| Ceramic Tile - 936 s.f.                       | 7,020        |
| Vinyl Asbestos Tile - 643 s.f.                | 965          |
| Quarry Tile - 1,560 s.f.                      | 14,040       |
| Carpet - 14,932 s.f.                          | 41,830       |
| Structural                                    |              |
| Steel Beams - First & Second Floors - 53,128# | 54,000       |
| Columns - 12,120#                             | 13,000       |
| Repair Trusses                                | 54,000       |
|   | <hr/>        |
| SUBTOTAL GENERAL CONSTRUCTION WORK            | \$ 2,183,180 |

BIG DIPPER RENOVATION  
7348-810  
QUANTITY TAKEOFF  
March 3, 1981  
Page Four

EXTERIOR SITE WORK

|                                       |            |
|---------------------------------------|------------|
| Concrete Sidewalks                    |            |
| Building - 4,260 s.f.                 | \$ 17,040  |
| Parking Lot - 6,200 s.f.              | 24,800     |
| Curb                                  |            |
| Building - 550 l.f.                   | 11,000     |
| Parking Area - 1,700 l.f.             | 34,000     |
| Asphalt Paving (Zamboni) - 4,240 s.f. | 5,512      |
| Gravel Fill                           |            |
| Building - 2,077 c.y.                 | 16,616     |
| Parking Lot - 8,178 c.y.              | 65,424     |
| Clearing - 2.65 acres                 | 7,950      |
| Stripping - 4,300 c.y.                | 17,200     |
| Lighting                              | 40,000     |
| Headbolt Heaters - 19 each            | 14,250     |
| Common Fill - 120 c.y.                | 720        |
| Signs - Six                           | 900        |
|                                       | <hr/>      |
| SUBTOTAL SITE WORK                    | \$ 255,412 |

BID DIPPER RENOVATION  
 7348-810  
 PRELIMINARY COST ESTIMATE  
 March 6, 1981

|   |          |                       |
|---|----------|-----------------------|
| General Contractor's Cost                               |          | \$ 2,183,180          |
| Mobilization  |          | 80,000                |
| Site Work   |          | 255,412               |
|   | Subtotal | <u>\$ 2,518,592</u>   |
| Gen. Contractor Overhead (15%)                          |          | 377,789               |
|   | Subtotal | <u>\$ 2,896,381</u>   |
| Mechanical  |          | 780,000               |
| Electrical  |          | 500,000               |
| Gen. Contractor Overhead (5%) - Mechanical & Electrical |          | 64,000                |
|   | Subtotal | <u>\$ 4,240,381</u>   |
| Gen. Contractor Profit (10%)                            |          | 424,038               |
|   | Subtotal | <u>\$ 4,664,419</u>   |
| Contingency (10%)                                       |          | <u>466,442</u>        |
| TOTAL   |          | <u>\$ 5,130,861</u> ← |
|   |          |                       |
| Ice Rink  |          |                       |
| Compressor  |          | \$ 68,000             |
| Rink Installation                                       |          | 175,000               |
| Subbase Heating   |          | 18,000                |
| Dashers   |          | 70,000                |
|   | Subtotal | <u>\$ 331,000</u>     |
| Overhead & Profit (10%)                                 |          | 33,100                |
|   | Subtotal | <u>\$ 364,100</u>     |
| Contingency   |          | <u>36,400</u>         |
| TOTAL   |          | <u>\$ 400,500</u> ←   |