

H B

622

Introduced: 2/13/84
Referred: Transportation and
Finance

Funding Information
General Fund \$1,049,100
Other Funds -0-
\$1,049,100

1 IN THE HOUSE

BY DAVIS AND KOPONEN

2

HOUSE BILL NO. 622

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

THIRTEENTH LEGISLATURE - SECOND SESSION

5

A BILL

6 For an Act entitled: "An Act making a special appropriation to the Depart-
7 ment of Transportation and Public Facilities for
8 access road, signing, and illumination improvements
9 for public schools in the Fairbanks North Star
10 Borough; and providing for an effective date."

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

12 * Section 1. The sum of \$1,049,100 is appropriated from the general
13 fund to the Department of Transportation and Public Facilities for access
14 road, signing, and illumination improvements for the following public
15 schools in the Fairbanks North Star Borough in the amounts listed:

16	{	Badger Road Elementary School	\$ 15,000
17	v	Hutchison Career Center	3,100
18	3	New North Pole High School	600,000
19	∩	Pearl Creek Elementary School	160,000
20	∧	Two Rivers Elementary School	125,000
21		Weller Elementary School	111,000
22	∩	West Valley High School	35,000

23 * Sec. 2. The appropriation made by this Act is for capital projects
24 and is subject to AS 37.25.020.

25 * Sec. 3. This Act takes effect July 1, 1984.

o: All members of House
TRANSPORTATION

TELECOPY COVER SHEET
FAIRBANKS INFORMATION OFFICE

Cato

Senator Moss

TO: JNU ~~FW~~ PHONE: _____

FROM: MARGARET BASEOM PHONE: 488-1932

ADDITIONAL INSTRUCTIONS: Testimony for meeting at
8:30 AM. Tuesday 4/17/84

DATE/TIME SENT: 4/16/84 3:20 SENT BY: Annie

PLEASE ACK. RECEIPT: HOLD FOR PICK-UP: _____

NUMBER OF PAGES 1 (NOT COUNTING COVER SHEET)

Please deliver before meeting

April 16, 1984

House Transportation Committee
Pouch V
Juneau, Alaska 99811
C. C. O. Senator Moore.

Department of Transportation
State of Alaska

In consideration of House Bill 622. We the members of House District 18, wish to express the urgent need for a consideration of this appropriation to improve the roads and signs involving public access as well as school access to the Richardson Highway portion of our district.

It is imminent that a more adequate caution be placed at the crossing of Badger Road and Richardson Highway near Market Basket.

It behooves us to make you aware that we have had more than five fatalities at this intersection.

The hazards of our students embarking on or from school buses is enough to make any parent have grey hairs.

You would have our undying gratitude to assist us in making this appropriation in House Bill 622 become a reality.

Sincerely,

Frank Belts

Thomas Strickland

Connie Watson

Don Bascom

Scott Matthews

Jean Coston

Jayle Pierce

Bill Lewis

Arthur Medley

Freda Russell

Margaret Bascom

Jewell B. Smith

P.O. Box 73238

Juneau, Alaska 99707

Margaret Bascom

488-1932



Alaska State Legislature

Representative Mike Davis

Pouch V
Juneau, Alaska 99811
(907) 465-4930/4941

Interim Office:
P.O. Box 81435
Fairbanks, Alaska 99708

MEMORANDUM

To: Rep. Cato
From: Rep. Davis
Date: March 29, 1984
Re: HB 622

Dear Rep. Cato,

Enclosed is the back-up material for HB 622, which is scheduled to be heard in House Transportation on April 4.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. L. Sperber".

Jonathan Sperber
Admin. Asst. to Rep. Davis

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

DIVISION OF PLANNING AND PROGRAMMING, INTERIOR REGION

Bill Sheffield, Governor

University Plaza - West, Suite D
200 University Avenue
Fairbanks, Alaska 99701
(907) 479-4281

January 30, 1984

Re: School Access Improvements

The Honorable Mike Davis
Alaska State House
Pouch V
Juneau, AK 99811

Dear Representative Davis:

Enclosed as requested of Mim Dixon is information on School Access Improvements in the Fairbanks North Star Borough area. The cost estimates given are as telephoned to you earlier.

The School District has identified several schools with road access problems. Most of the problems can be corrected by improved visibility of the roads to the schools and/or advance signing and illumination. The School District's top priority for improvements is the access to the new North Pole High School. Following is an explanation of the problems at each site and the costs for those improvements.

1. West Valley High

The principal access, which serves the student parking lot, is Geist Road, with a secondary access on Noatak Drive serving the faculty lot. These two access points are not connected. Since the student parking lot is off Geist, there tends to be significant delay in the morning and at noon for traffic attempting to leave the school grounds. School officials are concerned the students are taking too many chances trying to get in and out, especially during the short lunch period. In an attempt to correct this, the School District is studying the possibility of eliminating or making Geist a one-way entrance and connecting the parking lots to Noatak to make it the primary access. This would put existing traffic on a lower volume road that is then controlled by a traffic actuated signal at Geist Road. Les Riedlinger of the Fairbanks North Star Borough School District presented the District's Plans at the January 16 meeting of the West Valley Parent Advisory Committee.

The school district would like State assistance to complete the lot connection, provide advance signing advising of the turnoff, and illuminate the intersection at Geist to increase visibility.

Continuous illumination has been in place on Geist Road since it was widened. There is already one luminaire at the throat of the intersection which was installed by the school.

West Valley is well off the roadway and hidden from view, making the guide signs suitable. The total estimated cost is \$35,000 (1985 dollars) broken out as follows:

Advance signing and illumination:	
Preliminary Engineering	\$ 2,500
Construction (including 15% construction engineering)	<u>10,250</u>
	SUBTOTAL \$ 12,750
Supplement to connect the two parking lots	<u>22,250</u>
	TOTAL \$ 35,000

2. Hutchison

Two entrances to Hutchison Career Center near West Valley are from Geist Road. It does not have the problems that West Valley has but the school district feels advance signing is needed.

The estimated cost of advance signing is \$3,100 (1985 dollars) broken out as follows:

Preliminary Engineering	\$ 550
Construction (including 15% construction engineering)	<u>2,550</u>
	TOTAL \$ 3,100

3. New North Pole High School

The entrance to the new school is planned to be the Old Richardson at Eighth Avenue. The intersection is at a right angle onto a very narrow 8th Avenue, making turns from one direction difficult and, for school buses, nearly impossible. The school district would like to see a turn lane with a flashing light and illumination. The cost estimate includes the illumination, flashing warning lights, a center left turn lane, and a right turn lane.

The total estimated cost is \$600,000 broken out as follows:

Preliminary Engineering	\$ 36,750
Right-of-Way	1,250
Construction (including 12% construction engineering)	<u>562,000</u>
	TOTAL \$600,000

4. Pearl Creek

The entrance to Pearl Creek Elementary School is off Auburn Drive, which is on the State system. A line item appropriation of \$225,000 from Chapter 10, SLA 83 was made for the Auburn Student Access project to provide a bike/pedestrian path along Auburn Drive from Farmers Loop to Herried Drive. The School District would like a separated footpath the entire distance. Because of existing property development immediately adjacent to the right of way, the first half of the project consists of a ten foot shoulder.

The second (northern) half could be a separated facility. The cost for the separated facility is estimated at \$120,000 (1985 dollars), broken out as follows:

Preliminary Engineering	\$ 10,000
Construction (including 12% construction engineering)	<u>110,000</u>
SUBTOTAL	\$120,000

The necessary property is owned by the School District, so there should be no right-of-way costs.

In addition, the School District feels advance signing and illumination are needed.

Illumination includes extending the parking lot lighting circuit to Auburn and one luminaire. The cost of operating and maintaining this light should be borne by the school. The estimated cost for advance signing and illumination (in 1985 dollars) is \$40,000 broken out as follows:

Preliminary Engineering	\$ 4,000
Construction (including 15% construction engineering)	<u>\$ 36,000</u>
SUBTOTAL	\$ 40,000

Pearl Creek TOTAL	<u>\$160,000</u>
-------------------	------------------

5. Weller

The entrance to Weller Elementary School is at approximately 1 mile Chena Hot Springs Road. The intersection is at the top of a rise in the road, which limits visibility. A new turn lane (eastbound), signing and flashing lights are to be installed as part of the \$180,000 project funded in FY84. The School District has also suggested a westbound turn lane at the intersection. The estimated cost of this turn lane (1985 dollars) is \$111,000 broken out as follows:

Preliminary Engineering	\$ 9,000
Construction (including 15% construction engineering)	<u>\$102,000</u>
TOTAL	\$111,000

6. Two Rivers

The Two Rivers Elementary School is on Taurus Road, off 18.5 Mile Chena Hot Springs Road. The School District is proposing a chip seal at a cost of \$125,000 for Taurus Road this year. In addition, they would like the State to provide illumination and advance signing.

Advance intersection warning signs with street name plaques and one luminaire have recently been installed by the State.

7. Salcha

With access at 38 Mile Richardson, the Salcha School is located on a slight rise and curve. The School District feels larger signs and illumination are needed. Standard school advance signs and one luminaire have been in place for many years. Although, larger signs are usually warranted only on expressways and freeways, we are looking into the possibility of a change in standards or else an exception for Salcha.

8. Badger Road

The access for Badger Road Elementary is either Bradway Road or Woll Road. The School District has suggested several improvements:

Badger/Bradway intersection - school zone signs (minimum), time controlled flashing caution lights (maximum). If warranted, this could be incorporated in the proposed Badger Road reconstruction project. Funding for \$933,700 for the right of way and utilities phase of the project is included in the Department's FY85 capital budget request.

Bradway - illumination and a flashing yellow light

The school signs have already been installed by the State. The following estimate is for the cost of extending the lighting system to include one additional luminaire at the main driveway. Maintenance and operation cost of this luminaire should be borne by the school. The estimated cost of illumination is \$15,000 (1985 dollars), broken out as follows:

Preliminary Engineering	\$ 2,500
Construction (including 15% construction engineering)	<u>12,500</u>
TOTAL	\$ 15,000

9. Tanana Junior High

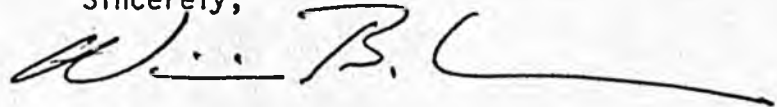
Tanana is located off Trainor Gate Road and F Street. Some minor improvements the School District would like are a flood light and a permanent land bridge (driveway) to F Street.

January 30, 1984

Two newly constructed illumination systems, one at Trainor Gate Road and F Street, and one on F Street itself do give illumination for the school driveway. One luminaire is already centered on the driveway. The State designer of the intersection illumination and the City Engineer's office in charge of the newly constructed luminaires on F Street concur with each other that additional illumination is not needed. We will get back with the School District to try to resolve this.

An apparent problem in addressing school safety is that the Alaska Traffic Manual makes no specific provisions for these concerns and the DOT&P is required to adhere to the Manual. Advance signing is normally installed only in rural areas where the school is some way off the main road. Flashing warning lights are generally installed only where there is an identified problem. We are looking internally into the advisability of either changing the manual or allowing more flexibility to make exceptions.

Sincerely,



William B. McMullen
Acting Deputy Commissioner

CF:lf
Attachment

cc: E. Cronick, Special Assistant, Statewide Programs
R. Gillespie, Legislative Assistant, Office of the Governor
J. Wagner, Planning, Northern Region

STATE OF ALASKA 1984 LEGISLATIVE SESSION
FISCAL NOTE

Revision Date: _____

REQUEST

Bill/Resolution No.: H.B. 622
 Title: Spec. Appro. to DOT/PF for
Access Rd., Signs & Illum. for Schools
 Sponsor: Reps. Davis & Koponen
 Requestor: Rhonda Carghill
 Date of Request: 3/29/84

II. FISCAL DETAIL

Agency Affected: DOT&PF
 Program Category Affected: Design &
Construction
 BRU, Program of Subprogram(s) Affected: Northern Region

EXPENDITURES/REVENUES: (Thousands of Dollars)

	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
OPERATING						
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
TOTAL OPERATING						
CAPITAL		1,049.1				
REVENUE						

FUNDING: (Thousands of Dollars)

GENERAL FUND		1,049.1				
FEDERAL FUNDS						
OTHER (Specify Source)						
TOTAL		1,049.1				

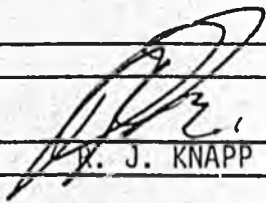
POSITIONS:

FULL TIME		-0-				
PART TIME		-0-				
TEMPORARY		-0-				
TOTAL		-0-				

SOURCE OF FUNDS TO OFFSET FISCAL IMPACT OF BILL:

ANALYSIS: Attach a separate page for any Analysis

Prepared by: D. Truax Phone: 479-4281
 Division: Planning Date: 4/2/84

Approved by Commissioner:  Date: 4-3-84
 Department: DOT&PF

Distribution:

Original to Legislative Finance
 copy to Office Management and Budget (for Legislature introduced bills)
 copy to Department (for Governor introduced bills)
 copy to Sponsor

ASSUMPTIONS

The School District has identified several schools with road access problems. Most of the problems can be corrected by improved visibility of the roads to the schools and/or advance signing and illumination. The School District's top priority for improvements is the access to the new North Pole High School. Followig is an explanation of the problems at each site and the costs for those improvements.

1. West Valley High School

The principal access, which serves the student parking lot, is Geist Road, with a secondary access on Noatak Drive serving the faculty lot. These two access points are not connected. Since the student parking lot is off Geist, there tends to be significant delay in the morning and at noon for traffic attempting to leave the school grounds. School officials are concerned the students are taking too many chances trying to get in and out, especially during the short lunch period. In an attempt to correct this, the School District is studying the possibility of eliminating or making Geist a one-way entrance and connecting the parking lots to Noatak to make it the primary access. This would put existing traffic on a lower volume road that is then controlled by a traffic actuated signal at Geist Road. Les Riedlinger of the Fairbanks North Star Borough School District presented the District's Plans at the January 16 meeting of the West Valley Parent Advisory Committee.

The school district would like State assistance to complete the lot connection, provide advance signing advising of the turnoff, and illuminate the intersection at Geist to increase visibility.

Continuous illumination has been in place on Geist Road since it was widened. There is already one luminaire at the throat of the intersection which was installed by the school.

West Valley is well off the roadway and hidden from view, making the guide signs suitable.

2. Hutchison

Two entrances to Hutchison Career Center near West Valley are from Geist Road. It does not have the problems that West Valley has but the school district feels advance signing is needed.

3. North Pole High School

The entrance to the new school is planned to be the Old Richardson at Eighth Avenue. The intersection is at a right angle onto a very narrow 8th Avenue, making turns from one direction difficult and, for school buses, nearly impossible. The school district would like to see a turn lane with a flashing light and illumination. The cost estimate includes illumination, flashing warning lights, a center left turn lane, and a right turn lane.

4. Pearl Creek

The entrance to Pearl Creek Elementary School is off Auburn Drive, which is on the State system. A line item appropriation of \$225,000 from Chapter 10, SLA 83 was made for the Auburn Study Access project to provide a bike/pedestrian path along Auburn Drive from Farmers Loop to Herried Drive. The School District would like a separated footpath the entire distance. Because of existing property development immediately adjacent to the right of way, the first half of the project consists of a ten foot shoulder.

The second (northern) half could be a separated facility.

The necessary property is owned by the School District, so there should be no right of way costs.

In addition, the School District feels advance signing and illumination are needed.

Illumination includes extending the parking lot lighting circuit to Auburn and one luminaire. The cost of operating and maintaining this light should be borne by the school.

5. Weller

The entrance to Weller Elementary School is approximately 1 mile Chena Hot Springs Road. The intersection is at the top of a rise in the road, which limits visibility. A new turn lane (eastbound), signing and flashing lights are to be installed as part of the \$180,000 project funded in FY84. The School District has also suggested a westbound turn lane at the intersection.

6. Two Rivers

The Two Rivers Elementary School is on Taurus Road, off 18.5 Mile Chena Hot Springs Road. The School District is proposing a chip seal at a cost of \$125,000 for Taurus Road this year. In addition, they would like the State to provide illumination and advance signing.

Advance intersection warning signs with street name plaques and one luminaire have recently been installed by the State.

7. Badger Road

The access for Badger Road Elementary is either Bradway Road or Woll Road. The School District has suggested several improvements:

Badger/Bradway intersection - school zone signs (minimum), time controlled flashing caution lights (maximum). If warranted, this could

be incorporated in the proposed Badger Road reconstruction project. Funding for \$933,700 for the right of way and utilities phase of the project is included in the Department's FY85 capital budget request.

Bradway - illumination and a flashing yellow light.

H.B. 622 (cont'd)

The school signs have already been installed by the State. Maintenance and operation costs of this luminaire should be borne by the school.

PROGRAM SUMMARY

Positions: No new positions would be created.

Other Expenditures:

West Valley

Advance signing and illumination:	
Preliminary Engineering	\$ 2,500
Construction (including 15% construction engineering)	<u>10,250</u>
	SUBTOTAL
	\$ 12,750
Supplement to connect the two parking lots	<u>22,250</u>
	TOTAL
	\$ 35,000

Hutchison

Preliminary Engineering	\$ 550
Construction (including 15% construction engineering)	<u>2,550</u>
	TOTAL
	\$ 3,100

NEW NORTH POLE HIGH SCHOOL

The total cost estimated is \$600,00 broken out as follows:

Preliminary Engineering	\$ 36,750
Right of way	1,250
Construction (including 12% construction engineering)	<u>562,000</u>
	TOTAL
	\$600,000

PEARL CREEK (Northern Half)

Preliminary Engineering	\$ 10,000
Construction (including 12% construction engineering)	<u>110,000</u>
	SUBTOTAL
	\$120,000

PEARL CREEK (Signing & Illumination)

Preliminary Engineering	\$ 4,000
Construction (including 15% construction engineering)	<u>36,000</u>
	SUBTOTAL
	\$ 40,000

PEARL CREEK TOTAL ===== \$160,000

Weller

Preliminary Engineering	\$ 9,000
Construction (including 15% construction engineering)	<u>102,000</u>
TOTAL	\$ 111,000

Badger Road

Preliminary Engineering	\$ 2,500
Construction (including 15% construction engineering)	<u>12,500</u>
TOTAL	\$ 15,000

FUNDING: Estimates were provided by the Division of Highways, Design, Northern Region, DOT&PF, based on past experience with similar projects.

SECTION COST ANALYSIS: See detailed project estimates under "other expenditures".

COMPUTATIONS: See project cost estimates under "other expenditures".

ECONOMIC IMPACT: These projects would not impact the State's economy.


IMPACT ON LOCAL GOVERNMENT: Although the school district would be responsible for maintenance and operations on some of these projects, cost would be minor, therefore it is felt that there would be no impact.



Dept. of Transportation & Public Facilities

Position Paper

BILL NO: HB 622

APPROVED:  R. J. Knapp
Commissioner

TITLE: An Act making a special appropriation to the DOT&PF for access road, signing, and illumination improvements for public schools on the Fairbanks North Star Borough

DATE: April 2, 1984

State DOT&PF recognizes that safety for school children going to and coming from school is of the highest priority. The School District has identified several schools with road access problems. Most of the problems can be corrected by improved visibility of the roads to the schools and/or advance signing and illumination. All of these facilities are on State-maintained roadways. The State DOT&PF does not anticipate any difficulties completing projects to meet the identified needs.

For more information, contact Paula Ramsey at 465-3900

Rhonda -

call Graham

come DOT from
Fairbanks who will testify

① Mum DIXON (MS) 80 T/F

② John Martin

③

4/16/84

HB 622 - Rep Davis

Teleconference

Les Reidlinger 452-4461

~~called from~~
452-2000 Supt office

~~Facilities~~ ~~planning~~ ~~for~~ ~~FNSB~~ ~~School~~ ~~District~~
~~planning~~ ~~for~~ ~~FNSB~~ ~~School~~ ~~District~~

Gus Zetra - Assoc Supt
~~XXXXXXXXXXXXXXXXXXXX~~

John Martin ~~Director~~ 479-4261

Planner DOTPF
+ Programming
Jonathan Widdis
DOTPF

Project planner for DOTPF - Fairbanks

Bridge #0-312-399-1730

call-in at 6:30 or 8:20 to be on-line

calling for House Transp Committee meeting

x 3836 - Ken / Doris - leg file

1- 0-312-399-1730

collect call from UFO - Unfunded Site -

calling for House Transp. Committee

2- call at least 5 min before start

April 16, 1984

House Transportation Committee
Pouch V
Juneau, Alaska 99811
C C O Senator Mason.

Department of Transportation
State of Alaska

In consideration of House Bill 622. We the members of House District 18, wish to express the urgent need for a consideration of this appropriation to improve the roads and signs involving public access as well as school access to the Richardson Highway portion of our district.

It is imminent that a more adequate caution be placed at the crossing of Badger Road and Richardson Highway near Market Basket.

It behooves us to make you aware that we have had more than five fatalities at this intersection.

The hazards of our students embarking on or from school buses is enough to make any parent have grey hairs.

You would have our undying gratitude to assist us in making this appropriation in House Bill 622 become a reality.

Sincerely,

Frank Belts

Thomas Strickland

Connie Watson

Don Bascom

Scott Matthews

Joan Coston

Jayle Pierce

Bill Lewis

Arthur Medley

Freda Russell

Margaret Bascom

Jewell B. Smith

P.O. Box 73238

File no. 99707

Margaret Bascom

488-1932