



# Alaska Department of Transportation & Public Facilities

Joint Transportation Committees

02/07/2012



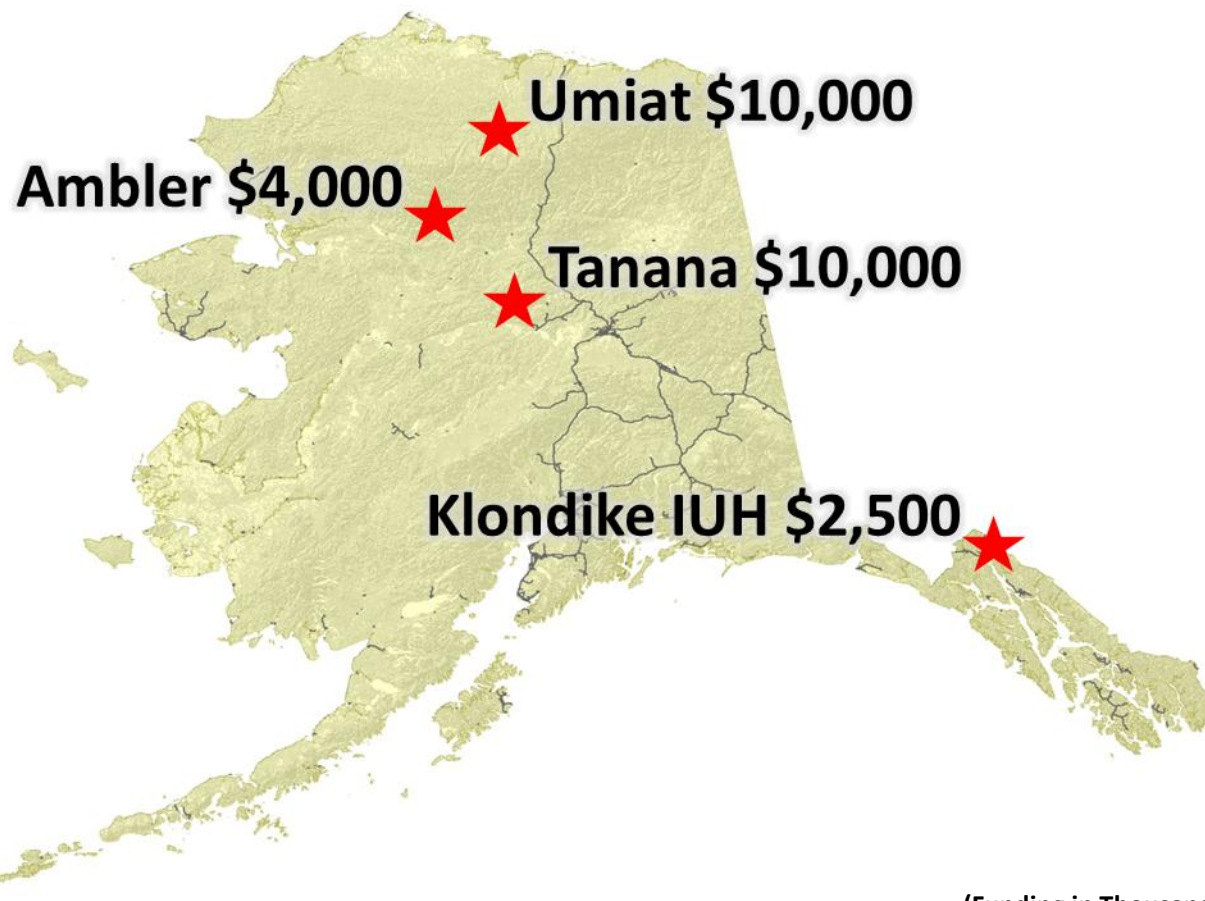
# DOT&PF Facilities

- Maintains over 700 facilities, with over 4,000,000 square feet, across the state
  - Including cold storage buildings, maintenance shops, office buildings and airports
- Provides design and construction administration services for all executive branch agencies
- Statewide Public Facilities has over 125 projects in design and construction.
  - Current projects: Alaska Scientific Crime Detection Laboratory & State Library Archive and Museum
  - Recently completed projects: William J. Hernandez Fish Hatchery in Anchorage and Jim River Maintenance Shop





# Roads to Resources



(Funding in Thousands)



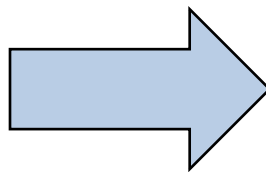
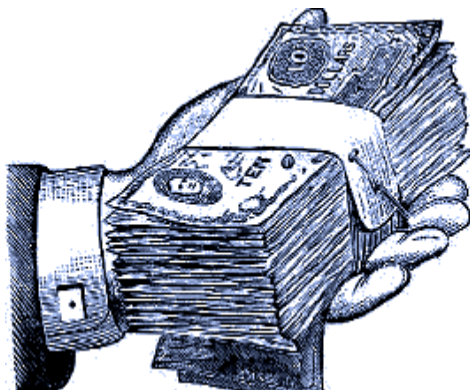
# Industrial Use Highways (IUH)

- Economic tool established in 1985
  - Permits divisible loads to haul above normal legal limits, but based on tolls that recover roadway damages.
  - Enable the ore haul between Yukon and Skagway for more than 25 years.
  - Re-tooling of tolls and roadway improvements now needed to accommodate big increase in ore throughput.



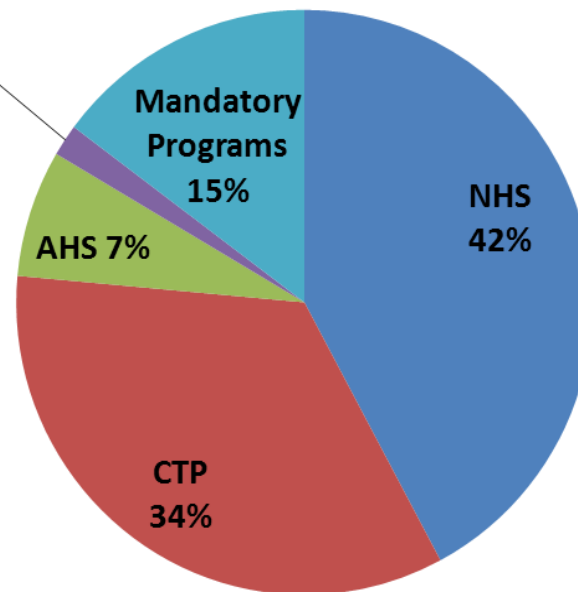
# Highway Program

**Transportation Funds to Alaska  
DOT&PF  
(currently about \$450M / Year )**



**Distribution of Funds in the STIP  
(approximate )**

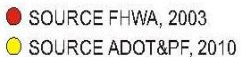
TRAAK 2%



**Approximately \$220.1 million is allocated to NHS & AHS projects**



# Transportation





# New US Transportation Bill

- Senate Version: MAP-21 (S.1813), 2-year bill. Minor streamlining, major new planning and reporting, program simplification, no funding breakdown yet.
- House Version: AEIHF (H.R. 7), 5-year bill. Very significant streamlining, modest new planning, program simplification, funding decline to Alaska \$148 Million or 32%.



# Federal Aid vs. State Funds

- About 70% of Alaska's Highway Transportation Capital Program is paid by the Federal Government
- On average, Capital Programs for all other states are funded with 20% Federal funds

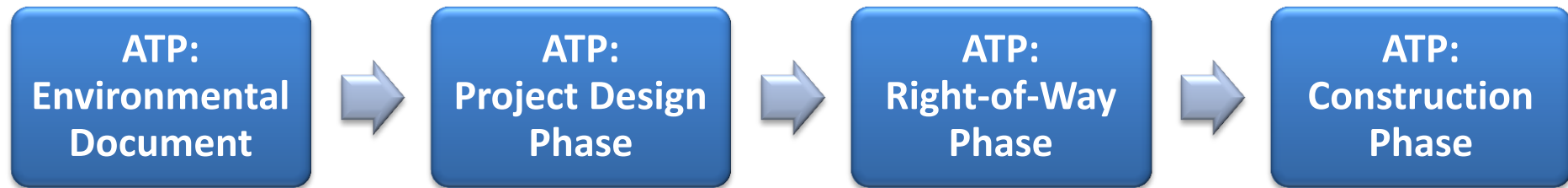




# General Funds vs. Federal Aid

Project Name	Time savings	Cost Savings
Elmore Road (constructed)	3 years	About \$15 million
Sunny Point (constructed)	2 years	About \$3.4 million

# **ATP\* Process for federal projects**



**\*ATP = Authority to Proceed (per Title 23 CFR)**



# **Without the Federal ATP Process...**

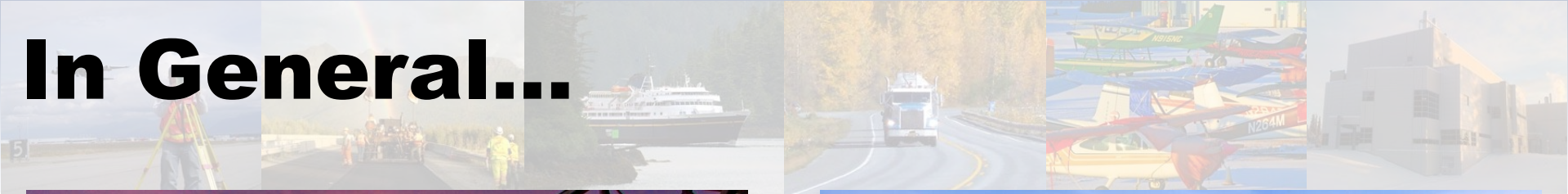
**If Alaska used general funds to work outside the ATP process, we would save an estimated \$5 to \$10 Million each year**



# Non-Federal Appropriations (millions)

Fiscal Year	Commerce	Transportation
2006	\$ 75.2	\$ 290.7
2007	\$ 39.1	\$ 130.6
2008	\$ 139.1	\$ 419.5
2009	\$ 5.7	\$ 57.0
2010	\$ 80.3	\$ 106.1
2011	\$ 70.5	\$ 78.3
<b><i>6-Year Total</i></b>	<b>\$ 409.9</b>	<b>\$ 1,082.1</b>
<b><i>6-Year Average</i></b>	<b>\$ 68.3</b>	<b>\$ 180.3</b>

Non-Federal Appropriations include General Funds, GO Bonds, Cruise Passenger Head Tax, AIDEA Dividends, Etc.



# In General...



**Alaska allocates its  
hardest to use funds  
on projects that are  
hardest to develop**



**Alaska allocates its  
easiest to use funds on  
projects that are  
easiest to develop**



# Savings with GF Fund on Selected Projects

Candidate Projects for State Funds	Non- Federal Cost	Federal Cost	Delta	% GF Savings
Mat-Su Knik-Goose Bay Road Reconstruction, Centaur to Settlers Bay	\$113,600	\$135,600	\$22,000	16.2%
Seward Highway at Alyeska Highway Improvements (Highway Safety Corridor)	\$12,400	\$14,650	\$2,250	15.4%
Sterling Hwy MP 45-46 Safety Realignment	\$16,000	\$19,250	\$3,250	16.9%
Central Region NHS Passing Lanes	\$25,000	\$32,250	\$7,250	22.5%
Connect Anc. Initiative: Midtown Congestion Relief, including 36th and Seward	\$60,000	\$72,500	\$12,500	17.2%
Seward Highway: Windy Corner Widening to Remove Conflicts	\$28,000	\$34,900	\$6,900	19.8%
Seward Highway - Milepost 75 - 90: Bridge Replacement	\$40,000	\$43,000	\$3,000	7.0%
Juneau - Egan at Salmon Creek Intersection Improvements	\$7,300	\$8,800	\$1,500	17.0%
Ketchikan - South Tongass, Dock to Stedman (aka Mill Street)	\$7,800	\$8,300	\$500	6.0%
Denali Hwy Bridge Replacements	\$3,250	\$3,450	\$200	5.8%
Juneau - Lemon Road	\$6,200	\$7,200	\$1,000	13.9%
Anchorage - Raspberry Road Improvements, Minnesota Drive to Northwood St.	\$4,000	\$4,420	\$420	9.5%
McCarthy Road MP 60 Chokosna Deck Replacement	\$1,500	\$1,550	\$50	3.2%
Richardson Hwy MP 235 Ruby Creek Bridge	\$17,650	\$18,750	\$1,100	5.9%
Fairbanks - Old Steese Highway to McGrath Road Connector	\$14,950	\$15,150	\$200	1.3%
<b>Totals</b>	<b>\$357,650</b>	<b>\$419,770</b>	<b>\$62,120</b>	<b>14.8%</b>