

CLERK'S OFFICE
AMENDED AND APPROVED
Date: 5-26-00

Submitted by: Chairman of the Assembly at
the Request of the Mayor
Prepared by: Department of Community
Planning and Development
For Reading: April 25, 2000

ANCHORAGE, ALASKA
AR 2000-113

A RESOLUTION OF THE ANCHORAGE ASSEMBLY ADOPTING
RECOMMENDATIONS ON THE ANCHORAGE METROPOLITAN AREA
TRANSPORTATION STUDY (AMATS) FFY 2001-2003 TRANSPORTATION
IMPROVEMENT PROGRAM (TIP).

THE ANCHORAGE ASSEMBLY ORDAINS:

Section 1: That the Assembly has reviewed the recommendations of the
Anchorage Metropolitan Area Transportation Study (AMATS) Technical Advisory
Committee, as of March 30, 2000 regarding the final draft AMATS FFY 2001-2003
Transportation Improvement Program (TIP).

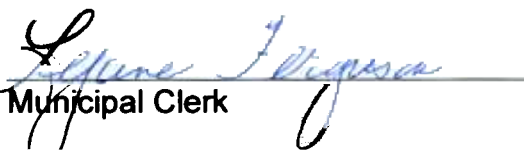
Section 2: That the Assembly hereby adopts recommendations for the AMATS
FFY 2001-2003 TIP and recommends its approval to the AMATS Policy Committee.

Section 3: This resolution shall take effect immediately upon passage and
approval.

PASSED AND APPROVED by the Anchorage Municipal Assembly this 26 day
of May, 2000.


Chair

ATTEST:


Municipal Clerk

Attachments: 2001-2003 Transportation Improvement Program Tables

Table 1. Program Summary 2001-2003 (1 page)

Table 1a. Program Summary 2001-2006 (1page)

Table 3. Roadways, Table 3a. Road Transfer Program, Table 4. Transportation Enhancements
and Table 5. Congestion Mitigation & Air Quality for the Non-National Highway System, (8 pages)

Table 6. National Highway System (2 pages)

Table 7. Transit Funding Program (3 pages)

*See attached tables for amendments.

**TAC Final Draft Table 1. TOTAL THREE-YEAR PROGRAM SUMMARY
AMATS FFY 2001-2003 TIP (March 30, 2000)**

TRANSPORTATION IMPROVEMENTS	2001	2002	2003	3-year total	% of 3-year Non-NHS \$	% of 3-year total TIP \$
Non-National Highway System						
Roadway (Table 3)	\$25,488	\$25,013	\$26,873	\$77,374	71%	44%
Transportation Enhancements (Table 4)	\$6,465	\$6,350	\$6,225	\$19,040	17%	11%
Congestion Mitigation & Air Quality (Table 5)	\$4,747	\$4,537	\$3,952	\$13,236	12%	8%
<i>Non-National Highway System Subtotal</i>	\$36,700	\$35,900	\$37,050	\$109,650	100%	62%
STIP Non-National Highway System Allocation for all projects	\$36,700	\$35,900	\$37,050	\$109,650		
Amount (-under) or over project funding level	\$0	\$0	\$0	\$0		
AMATS Roadway Transfer Program (Table 3a)	\$500	\$500	\$750	\$1,750	NA	1%
National Highway System (Table 6)	\$17,690	\$16,620	\$19,600	\$53,910	NA	31%
Transit Capital (FTA) Section 5307 to MOA Public Transportation (Table 7)	\$3,719	\$3,446	\$3,677	\$10,842	NA	6%
Transit Operating (FTA)	\$0	\$0	\$0	\$0	NA	0%
TOTAL AMATS PROGRAM (Non-NHS+ AMATS Road Transfer+NHS+FTA)	\$58,609	\$56,466	\$61,077	\$176,152	NA	100%
Other Federally Funded Projects within AMATS Area (Table 8)	\$20,552	\$30,147	\$21,093	\$71,792	NA	NA
National Highway System Improvements Outside AMATS, but within the MOA (Table 9)	\$28,456	\$18,250	\$23,300	\$70,006	NA	NA
TOTAL FEDERAL FUNDING FOR TRANSPORTATION IMPROVEMENTS WITHIN AMATS AND THE MUNICIPALITY	\$107,617	\$104,863	\$105,470	\$317,950		

**TAC Final Draft Table 1a. TOTAL SIX-YEAR PROGRAM SUMMARY
AMATS FFY 2001-2003 TIP and 2004-2006 Illustrative Program (March 30, 2000)**

TRANSPORTATION IMPROVEMENTS	2001	2002	2003	2004	2005	2006	3-year total (2001-2003)	% of 3- year Non- NHS \$ (2001- 2003)	% of 3- year total TIP (2001- 2003)	6-year total (2001-2006)	% of 6-year Non-NHS \$ (2001-2006)	% of 6-year total TIP \$ (2001-2006)
Non-National Highway System												
Roadway (Table 3)	\$25,488	\$25,013	\$26,873	\$25,418	\$33,233	\$29,353	\$77,374	71%	44%	\$165,378	73%	36%
Transportation Enhancements (Table 4)	\$6,465	\$6,350	\$6,225	\$6,850	\$2,700	\$6,850	\$19,040	17%	11%	\$35,440	16%	8%
Congestion Mitigation & Air Quality (Table 5)	\$4,747	\$4,537	\$3,952	\$5,932	\$3,517	\$4,397	\$13,236	12%	8%	\$27,082	12%	6%
<i>Non-National Highway System Subtotal</i>	\$36,700	\$35,900	\$37,050	\$38,200	\$39,450	\$40,600	\$109,650	100%	62%	\$227,900	100%	50%
TIP Non-National Highway System Allocation for all projects	\$36,700	\$35,900	\$37,050	\$38,200	\$39,450	\$40,600	\$109,650			\$227,900		
Amount (-under) or over project funding level	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0		
AMATS Roadway Transfer Program (Table 3a)	\$500	\$500	\$750	\$2,750	\$0	\$0	\$1,750			\$4,500	NA	1%
National Highway System (Table 6)	\$17,690	\$16,620	\$19,600	\$40,660	\$43,700	\$62,350	\$53,910	NA	31%	\$200,620	NA	44%
Transit Capital (FTA) Section 5307 to MOA Public Transportation (Table 7)	\$3,719	\$3,446	\$3,677	\$3,935	\$4,211	\$4,505	\$10,842	NA	6%	\$23,493	NA	5%
Transit Operating (FTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	NA	0%	\$0	NA	0%
TOTAL AMATS PROGRAM (Non-NHS+AMATS Road Transfer+NHS+FTA)	\$58,609	\$56,466	\$61,077	\$85,545	\$87,361	\$107,455	\$176,152	NA	100%	\$456,513	NA	100%
Other Federally Funded Projects within AMATS Area (Table 8)	\$20,552	\$30,147	\$21,093	\$22,045	\$3,045	\$18,045	\$71,792	NA		\$114,927		
National Highway System Improvements Outside AMATS, but within the MOA (Table 9)	\$28,456	\$18,250	\$23,300	\$24,500	\$1,800	\$0	\$70,006	NA		\$96,306		
TOTAL FEDERAL FUNDING FOR TRANSPORTATION IMPROVEMENTS WITHIN AMATS AND THE MUNICIPALITY	\$107,617	\$104,863	\$105,470	\$132,090	\$92,206	\$125,500	\$317,950			\$667,746		

TAC Final Draft Table 3. ROADWAY IMPROVEMENTS

AMATS FFY 2001-2003 TIP (March 30, 2000)

3./00 DRAFT RANK	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR, (\$,000)						Est. funding needs after 2006	Est. total project cost
			10/97-9/98	10/98-9/99	10/99-9/00	10/00-9/01	10/01-9/02	10/02-9/03		
			2001	2002	2003	2004	2005	2006		
1	Dowling Road Reconstruction [Lake Otis Parkway to Old Seward Highway] - Widening to 4-lanes with a center turn lane, utility relocation/undergrounding, lighting, pedestrian, landscaping and Seward Hwy clearance. Landscaping @ 4% of Construction funds = \$250,000	2001 - Util/C	\$14,825	\$0	\$0	\$0	\$0	\$0	\$0	\$14,825
2	Dowling Road Extension/Reconstruction [Minnesota Drive to Old Seward Highway] - Connect Minnesota to 'C' Street and continue to Dowling Road. Location and size of improvements to be determined. Project to include replacing bridge over Campbell Creek (\$6.8M), lighting, drainage, landscaping, trail and pedestrian improvements.	2001 - PE 2003 - D 2005 - ROW/Util 2006+ - C	\$1,350	\$0	\$2,300	\$0	\$6,400	\$0	\$16,200	\$26,250
3	'C' Street Reconstruction Phase II [International Airport Road to Dimond Boulevard] - Reconstruct 'C' Street from 2-lanes to 4-lanes including lighting, drainage, landscaping, and pedestrian facilities (a segment of North/South Trail). Landscaping @ 5% of Construction funds =	2002 - C 2004 - ROW (ARRC Xing) 2006 - C (ARRC Xing)	\$0	\$10,500	\$0	\$1,200	\$0	\$6,000	\$0	\$17,700
4	'C' Street Construction Phase III [Dimond Boulevard to O'Malley Road] - Construct a new road link south of Dimond Boulevard to O'Malley Road, including lighting, drainage, landscaping and pedestrian facilities (a segment of the North/South Trail). Landscaping @ 5% of Construction \$ =	2001 - ROW 2003 - Util/C	\$6,000	\$0	\$10,500	\$0	\$0	\$0	\$0	\$16,500
5	O'Malley Road Reconstruction [Seward Highway to Hillside Drive] - Reconstruct the roadway to improve safety and capacity at intersections and improve pedestrian facilities. Landscaping is not part of this project. Landscaping @ 5% of construction funds.	2001 - D 2003 - ROW/Util 2005 - C	\$500	\$0	\$1,000	\$0	\$4,000	\$0	\$0	\$5,500
6	Old Glenn Highway Rehabilitation [Artillery Road to North Eagle River exit] - Project includes Artillery Road interchange improvements. Minor streetscape improvements to be included.	2001 - ROW/Util 2002 - C	\$150	\$3,500	\$0	\$0	\$0	\$0	\$0	\$3,650
7	Highway Safety Improvement Projects (HSIP): Project locations identified in the FHWA-approved HSIP. Funding is expected to include, but not be limited to, HSIP projects at the following locations: 1) Fireweed Lane [from Spenard Road to Seward Highway]; 2) Ingra Street at 5th Avenue; 3) Boniface Parkway at Northern Lights Boulevard; 4) Muldoon Road [20th Avenue to 36th Avenue]; 5) 15th Avenue [Lake Otis Parkway to Airport Heights Road]; 6) Midtown Corridor Study; 7) 'C' Street at 7th Avenue; 8) MacInnes Street at 36th Avenue; and 9) Spenard Road [Fireweed Lane to Minnesota Drive].	2001 - 2006 - PE/D/Util/C	\$1,263	\$380	\$2,870	\$3,030	\$1,387	\$1,500	\$0	\$10,430
* 8	Pavement Replacement Program - This program will provide a single funding source for several pavement overlay and/or replacement projects. Improvements are also expected to include ADA and some existing curb and sidewalk repair. Program is expected to include, but not be limited to, pavement replacement for the following routes: 1) Denali Street [Northern Lights Boulevard to 40th Avenue]; 2) Lake Otis Parkway [Abbott Road to O'Malley Road]; 3) Lake Otis Parkway [DeBarr Road to Northern Lights Boulevard]; 4) Mountain View Drive [Commercial Drive to the Glenn Highway]; 5) 9th Avenue ['L' Street to Ingra Street]; 6) Bragaw Street [the Glenn Highway to DeBarr Road]; 7) Lake Otis Parkway [Northern Lights Boulevard to Tudor Road]; 8) Spenard Road [McRae Road to Fireweed Lane]; 9) Benson/Northern Lights Boulevards [Wisconsin Street to Lake Otis Parkway]; and, 10) Dimond Boulevard [Jodphur Road to Jewel Lake Road].	2002 - 2006 - PE/D/C	\$0	\$2,563	\$2,553	\$1,723	\$5,026	\$1,253	\$500	\$13,618
9	Northern Lights Boulevard Reconstruction [Wisconsin Street to Aero Avenue] - Project to upgrade roadway to urban standards. Road improvements to include center-turn lane, curbs, lighting, pedestrian facilities, transit and improvements, landscaping and storm drainage. Improvements address access into and out of adjacent neighborhoods.	2002 - PE 2004 - D 2006 - ROW/Util 2006+ - C	\$0	\$500	\$0	\$600	\$0	\$600	\$3,800	\$5,500
* 10	East Anchorage Transportation Facilities Concept Report - Preliminary engineering funds programmed to implement the recommendation of the report funded in 1999/2000.	2002 - PE	\$0	-\$1,350 \$1,100	\$0	\$0	\$0	\$0	\$0	\$1,350

*Item 23 was moved to Item #8. See next page.

TAC Final Draft Table 3. ROADWAY IMPROVEMENTS AMATS FFY 2001-2003 TIP (March 30, 2000)

3/00	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR, (\$,000)						Est. funding needs after 2006	Est. total project cost
DRAFT			10/97-9/98	10/98-9/99	10/99-9/00	10/00-9/01	10/01-9/02	10/02-9/03		
RANK			2001	2002	2003	2004	2005	2006		
11	Eagle River Loop Road Reconstruction [Old Glenn Highway to Eagle River Road] - Reconstruct to arterial standards including shoulders, turn lanes, pedestrian facilities, lighting and landscaping. LS @ 5% of Constr. \$ = \$535,000	2002 - D 2004 - ROW 2006 - Util/C	\$0	\$500	\$0	\$1,250	\$0	\$10,700	\$0	\$12,450
12	Old Seward Highway Reconstruction [O'Malley Road to Huffman Road] - Project will separate turning movements from through traffic, and improve access to adjacent commercial properties. Landscaping @ 5% of Construction \$ = \$300,000	2002 - D/Util 2003 - ROW 2005 - C	\$0	\$1,200	\$2,000	\$0	\$7,000	\$0	\$0	\$10,200
13	Dowling Road Extension/Reconstruction [Lake Otis Parkway to Abbott Loop Road] - <i>This and other similar roadway improvements will not be programmed unless they are recommended as a result of the East Anchorage Transportation Facilities Report (see #10).</i>	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	Eklutna River Bridge Rehabilitation/Replacement at the Old Glenn Highway - Project to rehabilitate or replace the existing bridge. A new structure would have a design life of 50+ years and would include two travel lanes, shoulders, one pathway, and railing.	2001 - D 2002 - Util/C	\$250	\$2,000	\$0	\$0	\$0	\$0	\$0	\$2,250
15	Old Glenn Highway Reconstruction [rural section, North Eagle River Exit to Peters Creek] - Project evaluates existing alignment, pavement conditions and pedestrian facilities. Project to be constructed in phases.	2002 - D 2004 - ROW/Util 2005 - C 2006 - C	\$0	\$750	\$0	\$1,500	\$6,020	\$7,000	\$0	\$15,270
16	Victor Road Reconstruction [Dimond Boulevard to 100th Avenue] - Will upgrade roadway to minor arterial standards, to include a minimum 3-lane section, pedestrian facilities, lighting, storm drainage, and landscaping.	Funding now proposed in new Table 3a.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	DeArmoun Rd Reconstruction Phase I [Westwind Dr to 140th Avenue] - This project reconstructs the existing alignment, improving pavement condition and pedestrian facilities from Westwind to Hillside Drive. (Phase II construction is from 140th Avenue to Hillside.)	2001 - ROW 2003 - Util/C	\$1,000	\$0	\$4,000	\$0	\$0	\$0	\$0	\$5,000
18	Abbott Loop Road Extension [48th Avenue to 68th Avenue] - <i>This and other similar roadway improvements will not be programmed unless they are recommended in as a result of the East Anchorage Transportation Facilities Report (see #10).</i>	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Spenard Road Rehabilitation [Hillcrest Drive to the Minnesota Drive On-ramp] - Project will rehabilitate Spenard Road and includes pedestrian facilities.	2001 - PE/D 2003 - ROW	\$150	\$0	\$150	\$415	\$0	\$0	\$0	\$715
20	Huffman Road Reconstruction [Old Seward Highway to Lake Otis Parkway] - Reconstruct & widen, as required, to meet future traffic demand. Provide missing links in pedestrian facilities, lighting, intersection improvements, and minimal landscaping.	2002 - D 2004 - ROW/Util 2006+ - C	\$0	\$500	\$0	\$500	\$0	\$0	\$8,000	\$9,000
21	Dimond Boulevard Rehabilitation [Jewel Lake Road to Seward Highway] - Project is primarily a pavement rehabilitation; however, work effort is anticipated to be more than just a pavement overlay/rotomill.	2002 - PE/D 2004 - C	\$0	\$320	\$0	\$2,600	\$0	\$0	\$0	\$2,920
22	Eagle River Road Rehabilitation [MP 5.3 to MP 12.6] - Upgrade the road with widened shoulders for pedestrians, improved visibility, and repavement. No landscaping improvements recommended. Project to include parking improvements at Eagle River Nature Center.	2002 - D 2003 - ROW 2004 - C/Util	\$0	\$500	\$600	\$7,500	\$0	\$0	\$0	\$8,600
23	DeArmoun Road Reconstruction Phase II [140th Avenue to Hillside Drive] - Project involves reconstruction of the existing alignment, improving pavement condition, and pedestrian facilities. (Moved to Item #8)	2002 - D 2005 - ROW/Util 2006+ - C	\$0	\$250 \$250 \$500	\$0	\$500	\$0	\$0	\$7,000	\$7,750
24	Abbott Road Reconstruction [Lake Otis Parkway to Birch Road] - Improvements are not specific at this time, but could range from an improved 2-lane to 4-lane roadway, depending on long-term traffic need. Will include intersection and pedestrian improvements. No landscaping is proposed.	2003 - D 2005 - ROW 2006+ - C	\$0	\$0	\$900	\$0	\$400	\$0	\$7,400	\$8,700

Landscaping @ 5% of construction funding.

TAC Final Draft Table 3. ROADWAY IMPROVEMENTS AMATS FFY 2001-2003 TIP (March 30, 2000)

3.00 DRAFT RANK	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)						Est. funding needs after 2006	Est. total project cost
			10/97-9/98	10/98-9/99	10/99-8/00	10/00-9/01	10/01-9/02	10/02-8/03		
25	'A'/'C' Couplet Pavement Rehabilitation [6th Avenue to 40th Avenue] - Project to rehabilitate the pavement surfaces; some minor base work is expected. Project does not include landscaping or other streetscape improvements.	2005 - C 2006 + - C	\$0	\$0	\$0	\$2,000	\$3,000	\$0	\$0	\$5,000
26	Boniface Parkway Rehabilitation [DeBarr Road to Tudor Road] - Would resurface, restore, rehabilitate roadway, and would include evaluation of foundation/base stabilization, safety, drainage, landscaping and trails.	2006 - PE 2006 + - D/ROW/Util/C	\$0	\$0	\$0	\$500	\$0	\$500	\$3,100	\$4,100
27	Whitney Road Reconstruction [North 'C' Street to Post Road] - Project to upgrade road to urban industrial standards. Improvements include curbs, lighting, pedestrian facilities, and some landscaping.	2006 - PE 2006 + - D/ROW/Util/C	\$0	\$0	\$0	\$500	\$0	\$500	\$5,250	\$6,250
28	Huffman Road Intersection Improvements [at Elmore, Lorraine and Pintail] - Project will reconstruct three intersections along Huffman Road to current standards, providing turning opportunities and sight distance improvements. (** At this time, the project is being reviewed by MOA Depts of Public Works and Community Planning in an effort to expedite the completion of Elmore/Huffman Rd intersection improvement, with the Elmore Road improvements, with other funding sources.)	2002-PE/D, 2004-ROW/Util, 2006- Util/C	\$0	\$200	\$0	\$1,350	\$0	\$1,300	\$2,000	\$4,850
29	Anchorage Area-wide Railroad Grade Separations - Study to review/analyze potential grade separation and recommend a program for improvements.	2005 - Study	\$0	\$0	\$0	\$250	\$0	\$0	\$0	\$250
ANNUAL TOTALS			\$25,488	\$25,013	\$26,873	\$25,418	\$33,233	\$29,353	\$53,250	\$218,628
ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of March 2000] = approx. \$36.7m in 2001, \$35.9m in 2002, and \$37.05m in 2003.			\$36,700	\$35,900	\$37,050	\$38,200	\$39,450	\$40,600	N/A	\$227,900
Amount under /(over) projected total funding level			\$11,212	\$10,887	\$10,177	\$12,782	\$6,217	\$11,247		6-year Avg =
Approximate Percent (%) for Roadways (72% or \$25,300M IS THE TARGET)			69%	70%	73%	67%	84%	72%		72%

**TAC Final Draft Table 3a. Roadway Transfer Program
AMATS FFY 2001-2003 TIP (March 30, 2000)**

J./00 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)						Est. funding needs after 2006	Est. total project cost
			10/01 - 09/02	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/07 - 09/08	10/09 - 09/10		
			2001	2002	2003	2004	2005	2006		
1	Victor Road Reconstruction [Dimond Boulevard to 100th Avenue] - Project would upgrade this roadway to minor arterial standards to include a minimum 3-lane section, pedestrian facilities, lighting, storm drainage, and landscaping. Construction completion is estimated in-2004.	2001-PE, 2002-D, 2003-ROW, 2004-Util/C	\$500	\$500	\$750	\$2,750	\$0	\$0	\$0	\$4,500
ANNUAL TOTALS			\$500	\$500	\$750	\$2,750	\$0	\$0	\$0	\$4,500

Note: This is a new table for the TAC Final Draft FFY2001-2003 TIP.

A pilot program called the "AMATS Road Transfer Program" is recommended as a new approach to address the reconstruction needs of several state-owned minor roadways in Anchorage. The intent of this program is to expedite improvements to selected roadways throughout Anchorage. The program would allow the Municipality of Anchorage to select State-owned roads that both need reconstruction and for which the Municipality would accept ownership and future maintenance responsibilities, once the road is reconstructed to urban standards. Funding for this program is separate from, and in addition to, the AMATS allocation for other roadways, transportation enhancements, and CMAQ type projects.

**TAC Final Draft Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2001-2003 TIP (March 30, 2000)**

3/99	PROJECT LOCATION	PROJECT	PROGRAMMING YEAR , (\$,000)						Est. funding	Est. total
RANK		PHASING	2001	2002	2003	2004	2005	2006	needs after	project
		PLAN								
1	Pedestrian Safety and Accessibility Improvements - Construct ramps, walkways, and curb cuts for pedestrians at various locations to be determined. Includes ADA compliance improvements. Includes sidewalk on the east side of Muldoon Road, between 16th and 20th in 2002 increase.	2001 - 2006 D/ROW/Util/C	\$200	\$800	\$400	\$250	\$400	\$400	\$200	\$2,650
2	Ship Creek Trail Phases II & III - Project completes segments from Post Road to William Tyson Elementary and Government Hill connections: Project will extend the Coastal Trail, 4 miles, from its current terminus at 2nd Avenue via Ship Creek to Glenn Highway & connection to Government Hill. Phase I construction to include ARR track separation and relocation funded in FFY 2000. Project to include trial connection to and ADA improvements at ADF&G's Ship Creek Hatchery.	2001-C, 2002-C	\$4,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$12,140
3	Coastal Trail (Southern Extension) - This project will extend the existing Coastal Trail south from Kincaid Park to Potter Marsh. (trail route to be selected). Future funds are shown as rough estimated planning place-holders, actual cost will be determined based on route. Project anticipated to be designed and constructed in phases.	2002 - D, 2004 - ROW, 2006 - Util/C, 2006+ -D/ROW/Util/C	\$0	\$500	\$0	\$1,000	\$0	\$2,000	\$18,700	\$22,200
4	Campbell Creek Trail Connection [Seward Highway to Tudor Road Crossing] - Project extends the existing Campbell Creek trail approximately 2.5 miles and completes a key missing segment on the Anchorage trails network. Project does not include grade separations at Seward Highway or trail connection between Old Seward and New Seward Highways. The grade separation will be included in the NHS Seward Highway at International Airport Road grade separation project.	2001 - D/Util/ROW 2003 - Util/C	\$100	\$0	\$3,600	\$0	\$0	\$0	\$0	\$3,700
5	Chester Creek Trail Connection [Tudor Road Crossing to Goose Lake] - Project provides a connection from the Tudor Crossing to the east of University Lake, minimizing the impact to neighborhoods and APU. Project would also include a multi-use paved trail connecting UAA student housing with the main campus on Providence Drive.	2001 - PE/D, 2003 - ROW/Util, 2004 - C	\$325	\$0	\$400	\$2,450	\$0	\$0	\$0	\$3,175
6	Midtown Trail - Improve trail connection from Downtown to the Midtown area along 'A'/'C' Couplet. Focus will likely be from Fireweed Lane to Tudor Road along the 'A' Street Corridor. Road intersection improvements are likely, but no grade separations are proposed.	2002 - C	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
7	5th & 6th Avenues Pedestrian Safety and Landscaping Improvements ['C' Street to Gambell Street] - Project to include an assessment of streetscape issues, street lighting and decorative improvements along the corridor. No additional ROW is programmed.	2002 - D, 2004 - Util/C	\$0	\$250	\$0	\$1,000	\$0	\$0	\$0	\$1,250
8	Anchorage Areawide Trails Rehabilitation - Project will analyze existing pathways for rehabilitation needs community-wide and promote specific projects to rehabilitate those existing pathways. The scope is primarily expected to include pavement replacement. Project to complement existing MOA/CIP program.	2001-PE, 2002-D, 2003 - C, 2004 - D, 2006 - C	\$100	\$150	\$450	\$150	\$650	\$0	\$0	\$1,500
9	Eagle River Greenbelt Access and Pathway - Construction of 12 miles of new trail in the Eagle River Greenbelt, connecting the Briggs Bridge with the Visitor Center. Many new trails will be built and interpretive displays paved on the trails and at the trailheads.	2002 - PE, 2005 - D, 2006+ - C	\$0	\$500	\$0	\$0	\$750	\$0	\$5,500	\$6,750
10	Glenn Highway Trail Rehabilitation [Muldoon Road to North Birchwood Loop] - Project to resurface existing trail and address design deficiencies. Project design and construction in two phases with Phase I being the relocation of trail at National Guard Armory.	2002 - PE/D, 2003 - C, 2004 - PE/D, 2005-C	\$0	\$150	\$750	\$300	\$0	\$1,500	\$0	\$2,700
11	Boniface Pedestrian Safety and Trail Improvements [Glenn Hwy to DeBarr Road] - Repair of existing pedestrian facilities, adding sidewalks on east and west sides, landscaping.	2001 - C	\$1,140	\$0	\$0	\$0	\$0	\$0	\$0	\$1,140

**TAC Final Draft Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2001-2003 TIP (March 30, 2000)**

3/00 RANK	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR, (\$,000)						Est. funding	Est. total
			1999-2001	1999-2002	2002-2003	1993-2004	1994-2005	1995-2006	needs after	project
			2001	2002	2003	2004	2005	2006	2006	cost
12	Muldoon Road Landscaping and Pedestrian Improvements [Glenn Highway to 36th Avenue] - This funding will construct additional pedestrian amenities and minimal landscaping for the remainder of the corridor. Projects are identified in the Muldoon Road Beautification Plan. Preliminary design and ROW funding in previous TIP.	2001 - D, 2004 - C	\$100	\$0	\$0	\$1,150	\$0	\$0	\$0	\$1,250
13	Glenn Highway Trailhead Improvements [at Thunderbird Falls, Peters Creek, and South Fork of Eagle River] - Construct or improve existing trailheads with pedestrian and ADA (or barrier-free) access routes near the trailhead parking areas.	2004 - PE/D, 2006 - ROW/Util/C	\$0	\$0	\$0	\$400	\$0	\$2,600	\$0	\$3,000
14	Campbell Tract Trail and Trailhead Improvements - Enhance trailheads and parking, as well as remove ADA impediments and provide interpretive displays. The parking lot is known as the Buckner Trailhead Parking Area. Project will provide an increase of 17 parking spots, for a total of 25, will provide for one entrance road instead of two, will improve layout, and will revegetate the area.	2003 - PE/D, 2005 - C	\$0	\$0	\$50	\$0	\$400	\$0	\$0	\$450
15	Anchorage Areawide Sidewalks/Access to Schools - Analyze access to schools community-wide, and promote specific projects to provide pedestrian connections where none currently exist and where other funding sources are not available.	2003 - Study	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$75
16	Dimond Boulevard Pedestrian and Landscaping Improvements [Jewel Lake Road to Old Seward Highway] - Project provides landscaping and pedestrian enhancements.	2004 - PE/D/ROW/Util 2006 - C	\$0	\$0	\$0	\$150	\$0	\$350	\$0	\$500
17	Potter Marsh Trailhead and Access Improvements - Will enhance parking lot and provide some new boardwalk connections at Potter Marsh Critical Habitat Area, and connect the Bird Treatment Learning Center on the Old Seward Highway to the existing Boardwalk. PE and design funded in previous program. Project recommended to be completed in phases due to substantial increase in construction cost estimates.	2001 - C 2003 - C 2005+ - C	\$500	\$0	\$500	\$0	\$500	\$0	\$500	\$2,000
ANNUAL TOTALS			\$6,465	\$6,350	\$6,225	\$6,850	\$2,700	\$6,850	\$24,900	\$65,480
ANNUAL FUNDING PROJECTIONS AS OF MARCH 2000 = APPROX. \$36.7M IN 2001, \$35.9M IN 2002 AND \$37.05M IN 2003 FOR ALL TYPES OF NON-NHS PROJECTS.			\$36,700	\$35,900	\$37,050	\$38,200	\$39,450	\$40,600	\$49,600	\$227,900
Amount under / (over) projected funding level			\$30,235	\$29,550	\$30,825	\$31,350	\$36,750	\$33,750		\$162,420
Approximate Percent (%) for Transportation Enhancement Improvements (2001 TARGET IS 15%, or \$5.5M,)			18%	18%	17%	18%	7%	17%		16%

**TAC Final Draft Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (March 30, 2000)**

3.90 RANK	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR , (\$,000)						Est. funding	Est. total
			2001-2001	2002-2002	2003-2003	2004-2004	2005-2005	2006-2006	needs after	project
			2001	2002	2003	2004	2005	2006	2006	cost
1	Anchorage Ridesharing/Transit Marketing: Funds the operation of the MOA Share-A-Ride which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program. Also funds a comprehensive transit marketing effort.	2001 - 2006 Programming	\$470	\$510	\$550	\$580	\$610	\$640	\$670	\$4,030
2	DMV/IM Program Data Link: Project to allow for real-time transmission of a passing inspection to DMV thus allowing for a "paperless" Certificate of Inspection.	2001 - Implementation	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$300
3	I/M Enhancement Program: The EPA mandated On Board Diagnostic (OBD) test for 1996 and newer vehicles is 1/1/2001. In the OBD test, a vehicle's computer determines an I/M pass/fail. Modifications to the OBD test are anticipated to be needed to insure local concerns are addressed through slight software changes & I/M technician training. Emissions benefit determination and public awareness are needed for the transition.	2001 - Implementation	\$270	\$0	\$0	\$0	\$0	\$0	\$0	\$270
4	UAA/Providence Transit Center: The Providence University Area Transportation Study recognized the importance in public transportation within as well as to/from the area. This project implements the study's recommendation for the construction of an area transit center, providing a safe location for passengers waiting for buses.	2001 - C	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500
5	Automated Operating System [People Mover] - Project automates the operation of the fixed route buses including vehicle location, operating characteristics, customer real-time information, passenger counting equipment & improved management reporting capability.	2002 - Implementation	\$0	\$2,400	\$0	\$0	\$0	\$0	\$0	\$2,400
6	Youth Employment Program for transit stop and trail accessibility - Program hires young people (16-22 years old) to improve bus stops. Activities include minor construction projects, clearing/grubbing landscaping, watering, planting landscaping beds/planters, etc.	2001 - 2006 Implementation	\$47	\$47	\$47	\$47	\$47	\$47	\$47	\$329
7	New Eastside Area Anchorage Transit Center: With changing travel patterns in the Anchorage area, the need for local transit hubs has increased. Hubs provide safe, convenient centers for bus riders to transfer between buses, eliminates the need to travel time. Location to be determined.	2004 - C	\$0	\$0	\$0	\$2,500	\$0	\$0	\$0	\$2,500
8	New CBD Transit Center: This facility would replaces the existing transit center in the CBD. Expanded services are required. The facility is expected to be a public/private partnership serving the People Mover system as well as other transportation operators. Location to be determined.	PE and D funded with FTA funds in FFY 2000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
9	Winter CO Season Free Bus Service: Project provides free bus service from Nov 1 through Jan 31 to reduce auto travel and promote transit ridership. Funding for third year of program based on success of program in increasing ridership. (program funded in FFY 1999 and 2000)	2001 - Programming	\$525	\$0	\$0	\$0	\$0	\$0	\$0	\$525
10	Purchase of Regenerative Air and Mechanical Street Sweepers for MOA: The purchase of up to three new street sweepers would complete the addition to the MOA fleet each year in 1999, 2000, 2001. These sweepers can operate at subfreezing temperatures using liquid magnesium chloride as a wetting agent to suppress dust. program funded in FFY 1999 and 2000	2002 - Purchase	\$0	\$400	\$0	\$0	\$0	\$0	\$0	\$400
11	Winter Sidewalk Maintenance: Provide maintenance in neighborhoods that connect with the transit system with the top bus stops. Program started in previous TIP, FFY2000.	2001 - 2002 Implementation	\$200	\$175	\$0	\$0	\$0	\$0	\$0	\$375

**TAC Final Draft Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (March 30, 2000)**

3.00 RANK	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)						Est. Funding needs after	Est. total project cost
			2001-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006	
12	IM Evader Sticker Program: Provide additional investigative staff to improve enforcement of I/M Program requirements.	2002 - 2004 Implementation	\$0	\$545	\$545	\$545	\$0	\$0	\$0	\$1,635
13	Compressed Natural Gas Fleet: Acquires natural gas fueled vehicles for State and Municipal vehicles and subsidizes cost of private fleet(s). Includes funding for CNG education/training and program administration. Program requires purchase of dedicated fueled vehicles provided by original equipment manufactures.	2003 - 2005 Purchase & Admin	\$0	\$0	\$700	\$300	\$300	\$0	\$0	\$1,300
14	Anchorage School District Compressed Natural Gas Buses: This project is contingent on the success of the CNG pilot program funded in 2000 for ASD. This project would provide funding for the purchase of 5 dedicated CNG buses in 2002 and 2003. Ten buses would be acquired in these years.	2003 - 2004 Purchase	\$0	\$0	\$500	\$500	\$0	\$0	\$0	\$1,000
15	Transit Fleet Expansion: This project will begin expansion for the People Mover Public Transportation System by purchasing three (3) new buses each year beginning in 2004.	2004 - 2006 Fleet Expansion	\$0	\$0	\$0	\$850	\$850	\$850	\$0	\$2,550
16	Air Quality Public & Business Awareness Education Campaign: The goal of this program would be to further inform the public about air quality issues and what steps people may take to reduce pollution as well as inform the business community about air quality issues in Anchorage and the steps they can take to reduce air pollution.	2001-06 Implementation	\$110	\$110	\$110	\$110	\$110	\$110	\$0	\$660
17	Anchorage School District (ASD) Indoor Bus Storage: This project provides for the design and construction of a heated indoor storage barn for the ASD bus fleet to minimize diesel cold starts, increase winter warm up time for student comfort and safety. Location to be determined. Project construction to be 50% funded by ASD.	2004 - PE/D 2006 - C	\$0	\$0	\$0	\$500	\$0	\$2,750	\$0	\$3,250
18	Liquid magnesium chloride for street sweepers: This would increase early spring street sweeping activity by acquiring additional liquid deicer to sub-freezing sweeping. Concludes federal funding for project started in previous TIP, FFY 1999 and FFY 2000.	2001 - Purchase	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$100
19	Bicycle and Pedestrian Safety Campaign (AMATS part of a statewide program): Project would fund a bicycle and pedestrian commuter education program which would include a safety component. Project started in previous TIP, FFY 1999 & 2000.	2001 Programming	\$125	\$0	\$0	\$0	\$0	\$0	\$0	\$125
20	Private Sector Block Heater Incentive Program: Provide matching funds to businesses willing to provide electrical plug-ins for employees at their parking facilities. The purpose of this program is to reduce cold start emissions from commuters.	2001 - Start-up 2002 - D 2004 - Implement'n	\$100	\$200	\$1,500	\$0	\$0	\$0	\$0	\$1,800
21	Oxygen Sensor Replacement Program: First year design money to be used to verify strategy & set-up program. Project to enhance benefits of I/M program to increase effectiveness.	2002 - Evaluation 2005 - Implement'n	\$0	\$150	\$0	\$0	\$1,600	\$0	\$0	\$1,750
ANNUAL TOTALS			\$4,747	\$4,537	\$3,952	\$5,932	\$3,517	\$4,397	\$10,717	\$37,799
ANNUAL FUNDING PROJECTIONS AS OF MARCH 2000 = APPROX. \$36.7M IN 2001, \$35.9M IN 2002 AND \$37.05M IN 2003 FOR ALL TYPES OF NON-NHS PROJECTS.			\$36,700	\$35,900	\$37,050	\$38,200	\$39,450	\$40,600		
Amount under /(over) projected total CMAQ allocation level			\$31,953	\$31,363	\$33,098	\$32,268	\$35,933	\$36,203		6-yr. Ave.
Approximate Percent (%) for CMAQ (Congestion Mitigation & Air Quality), 2001 = \$5M			13%							
Approximate Percent (%) for CMAQ (Congestion Mitigation & Air Quality) 2002-2006 = \$3M ANNUALLY			NA	13%	11%	16%	9%	11%		12%

TAC Final Draft Table 6. NATIONAL HIGHWAY SYSTEM, for the 2001-2003 TIP, March 30, 2000

Fisc. Yr. Road	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)						Est. funding	Est. total
			1999-01	1999-02	2002-03	2003-04	2004-05	2005-06	needs after	project
			2001	2002	2003	2004	2005	2006	2006	cost
1	Glenn Highway Reconstruction - Gambell Street to McCarrey Street: Reconstruct as recommended in the 1997 AMATS Long-Range Transportation Plan, to meet long-term capacity needs.	2002 - Design; 2004 - Right-of-Way; 2005 - Utility; 2006 - Construction	\$0	\$2,200	\$0	\$10,000	\$6,200	\$31,100	\$0	\$49,500
2	NOTE: See New # 17 Glenn Highway Surface Rehabilitation - McCarrey Street to South Birchwood Interchange(MP 2-17): Rehabilitate surface. Design completed with the Glenn Hwy. MP 17-26 South Birchwood Interchange to Eklutna Rehabilitation Project.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	NOTE: See New # 17 Glenn Highway Surface Rehabilitation - South Birchwood Interchange to Eklutna Exit (MP 17-26): Surface Rehabilitation and may include minor improvements at the Eklutna Overpass to reduce strikes by overnight vehicles. Includes design of pavement rehabilitation from Airport Heights Rd. to South Birchwood Interchange.	2002 - Design; 2004 - Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	International Airport Road at New Seward Highway Grade Separation: Construct grade separated intersection on the New Seward Highway at International Airport Road including trails and landscaping.	2002 - Design; 2003 - ROW; 2004 - Utility & Construction	\$0	\$1,100	\$2,000	\$12,160	\$0	\$0	\$0	\$15,260
5	LED Signal Installation: Install energy-saving light-emitting diode (LED) signal displays.	2001 - Construction	\$400	\$0	\$0	\$0	\$0	\$0	\$0	\$400
6	Minnesota Drive and International Airport Road Interchange: Construct follow-on project to include trails and landscaping.	2001 - Design 2003 - Utility & Construction	\$1,000	\$0	\$4,650	\$0	\$0	\$0	\$0	\$5,650
7	International Airport Road Interchanges & Railroad Grade Separations at Jewel Lake Road and International Airport Road and at Postmark Drive and International Airport Road. Construct interchange loops and ramps at Jewel Lake Road/Spenard Road and International Airport Road. Will also grade separate Railroad crossings for International Airport and Spenard Roads and improve safety and capacity. Trails and landscaping included. Project also <u>reevaluates</u> environmental document and designs the interchange at Postmark Drive.	2004 & 2006 - Design	\$0	\$0	\$0	\$1,500	\$0	\$2,000	\$0	\$3,500
8	NOTE: See New # 17 Muldoon Road Surface Rehabilitation - 36th Avenue to Glenn Highway: Rehabilitate pavement.	2002 - Design; 2003 - Utility & Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	O'Malley Road/C Street Interchange: Develop interchange on O'Malley Road at C Street. The current C Street Extension project is preparing the environmental document and will design the interchange at C Street and O'Malley Road.	2004 -Utility & Construction	\$0	\$0	\$0	\$5,500	\$0	\$0	\$0	\$5,500
10	O'Malley Road Interchanges at Old and New Seward Highways: Develop directional interchange at New Seward Highway. Project will elevate Old Seward Highway over O'Malley Road.	2004 - Design; 2006 - Utility	\$0	\$0	\$0	\$1,500	\$0	\$500	\$35,000	\$37,000

TAC Final Draft Table 6. NATIONAL HIGHWAY SYSTEM, for the 2001-2003 TIP, March 30, 2000

Feb-00 Road	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR, (\$,000)						Est. Funding needs after 2006	Est. Total project cost
			10/00-01/01	10/01-02/02	10/02-03/03	10/03-04/04	10/04-05/05	10/05-06/06		
			2001	2002	2003	2004	2005	2006		
11	NOTE: See New # 17 Seward Highway Surface Rehabilitation - Potter Section House to Huffman Road (MP 115.7 to 119.2): Pavement rehabilitation of 3.5 miles section of the Seward Highway.	2004 - Design; 2006 - Utility & Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	New Seward Highway: Rabbit Creek to 36th Avenue – Analyze and identify needed transportation improvements in Seward Highway Corridor between Rabbit Creek and 36th Ave. Improvements to be considered may include: widening from four to six lanes; modify existing interchanges; grade separation at 36th Ave.; rehabilitate existing frontage roads on east/west sides of New Seward Highway from Tudor to O'Malley and construct new western frontage road between Dimond Blvd. and O'Malley Rd. including bike lane and drainage improvements; overcrossings at 68th, 76th and 92nd Avenues; extension and upgrade of 92nd Ave. to minor arterial standards and construct frontage roads along New Seward Highway; and pedestrian and bike facilities.	2002 - Design; 2003 - ROW; 2005 - Utility & Construction; 2006 - Construction	\$0	\$3,000	\$3,000	\$0	\$32,500	\$20,000	\$22,000	\$80,500
13	New Seward Highway at Dimond Interchange Capacity Improvement – Capacity improvement will construct loop in southeast quadrant of New Seward Highway/Dimond Interchange.	2001 - Utility & Construction	\$5,540	\$0	\$0	\$0	\$0	\$0	\$0	\$5,540
14	New Seward Highway Improvements - 36th Avenue to 20th Avenue: Identify needed transportation improvements consistent with the Anchorage Long-Range Transportation Plan, and prepare the appropriate environmental document for those improvements.	2003 & 2005 - Design	\$0	\$0	\$3,000	\$0	\$3,000	\$0	\$80,000	\$86,000
15	NHS Intersection Improvements: Design and construct improvements to enhance traffic flow on the Glenn Highway from Airport Heights Road to McCarrey Street; on Tudor Road at Old Seward Highway and Bragaw Street, and on Minnesota and Northern Lights Boulevard.	2001 - <u>Right-of-Way</u> ; 2002 - <u>Utility & Construction</u>	\$250	\$3,370	\$0	\$0	\$0	\$0	\$0	\$3,620
16	NOTE: See New # 17 Tudor Road Surface Rehabilitation - Minnesota Drive to 36th Avenue: Rehabilitate 6.4 miles of pavement.	2003 - Design; 2004 - Utility & Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17New	<u>NHS Arterial Rut Repair - Pavement rehabilitation. This project will work in conjunction with the Pavement Management System and the Maintenance and Operations pavement projects to maximize the efficiency and speed of response to pavement needs in Anchorage. Replaces five projects (#'s 2, 3, 8, 11, and 16).</u>	2001 - Design; 2002-2005 Design, Utility & Construction; 2006 - Utility & Construction	\$100	\$6,950	\$6,950	\$10,000	\$2,000	\$8,750	\$0	\$34,750
18New	<u>International Airport Road and Postmark Drive Intersection Improvements - Construct intersection improvements to accommodate AIA access improvements at International Airport Road and Postmark Drive (will be delivered with NEW # 19).</u>	2001 - Utility & Construction	\$7,900	\$0	\$0	\$0	\$0	\$0	\$0	\$7,900
19New	<u>International Airport Road Rehabilitation - Replace pavement and construct drainage improvements between the airport and Minnesota Drive (will be delivered with NEW # 18).</u>	2001 - Construction	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500
ANNUAL TOTALS			\$17,690	\$16,620	\$19,600	\$40,660	\$43,700	\$62,350	\$137,000	\$337,620

TAC Final Draft Table 7. TRANSIT PROGRAM FUNDING for the 2001-2003 TIP, March 30 2000

	PROJECT LOCATION	FUNDING SOURCE	PROJECT PHASING PLAN	PROGRAMMING YEAR , (\$,000)						Est. funding	Est. total
				2001 - 2002		2003 - 2004		2005 - 2006		needs after	project
				2001	2002	2003	2004	2005	2006	2006	cost
FTA Section 5307 Funds											
1	1% Transit Enhancement - TEA-21 establishes a minimum annual expenditure requirement of one percent for transit projects and eligible enhancements [historic preservation of mass transportation facilities, bus shelters, landscaping and other scenic beautification, transit furnishings, public art, pedestrian access and walkways, bicycle access and bike storage, transit connections to parks, signage, and enhanced access for persons with disabilities to mass transportation].	FTA sec. 5307	2001 - 2005 Implementation	\$37	\$34	\$37	\$39	\$42	\$45	\$0	\$234
2	Bus Stop Improvements -This project funds the upgrade of bus stop sites to meet both the federally-mandated Americans with Disabilities Act [ADA] requirements and the operational needs. Typical improvements include bus shelters, benches, trash receptacles, landscaping, grading, paving, utility relocations, lighting, curb adjustments, drainage, constructing paths, and construction/reconstruction of turnouts.	FTA sec. 5307	2001 - 2005 Implementation	\$1,550	\$945	\$1,010	\$750	\$750	\$950	\$0	\$5,955
3	Preventive Maintenance / Capital Maintenance - The Federal Transit Administration [FTA] allows grantees to use capital funds for overhauls and preventative maintenance. FTA assistance for these items is based on a percentage of annual vehicle maintenance costs [up to 20%].	FTA sec. 5307	2001 - 2005 Implementation	\$515	\$552	\$588	\$630	\$674	\$720	\$0	\$3,679
4	Fleet Improvement - This project funds improvements to existing transit and paratransit fleets. Typical projects include a ticket reader and issue attachment, which issues passenger passes on the bus; security systems; transit/signal improvements for headway enhancements; mobile display terminals; and vehicle communications and locations systems.	FTA sec. 5307	2001 - 2005 Implementation	\$290	\$235	\$250	\$1,077	\$1,598	\$800	\$0	\$4,250
5	Support Vehicles - This project funds purchase of replacement vehicles and equipment to support operation of the transit system. Typical purchases include pickup trucks, maintenance trucks with special equipment, supervisor vehicles, shift change vehicles, fork lifts, sweepers, and bus access snow removal equipment.	FTA sec. 5307	2002 - 2005 Purchase	\$0	\$70	\$90	\$70	\$0	\$190	\$0	\$420
6	New CBD Transit Center - This project would replace the existing transit center in the CBD with a new facility. Expanded services are required. The facility is expected to be a public/private partnership serving the People Mover system, as well as other transportation operators. Location to be determined. Construction is programmed for CMAQ funding after 2006.	FTA sec. 5307	2002 - PE, 2003 - D	\$0	\$350	\$500	\$0	\$0	\$0	\$0	\$850
7	Paratransit Vehicles / Major Maintenance Equipment -- This project funds the fleet expansion and replacement for the AnchorRIDES paratransit service and the Vanpool program. Major maintenance funding for these vehicles is provided for the most efficient use of this equipment.	FTA sec. 5307	2001 - 2005 Implementation	\$930	\$904	\$640	\$920	\$640	\$950	\$0	\$4,984
8	Automated Operating System / AnchorRIDES - The project improves the system by collecting realtime vehicle location information and further automating the scheduling/dispatch functions that will substantially improve the system.	FTA sec. 5307	2004 Implementation	\$0	\$0	\$0	\$100	\$0	\$200	\$0	\$300
9	Automated Operating System / People Mover - This project automates the operation of the fixed route buses including vehicle location and operating characteristics, customer real-time information, passenger counting equipment and improved management reporting capability.	FTA sec. 5307	2005 Implementation	\$0	\$0	\$0	\$0	\$100	\$200	\$0	\$300

TAC Final Draft Table 7. TRANSIT PROGRAM FUNDING for the 2001-2003 TIP, March 30 2000

	PROJECT LOCATION	FUNDING SOURCE	PROJECT PHASING PLAN	PROGRAMMING YEAR : (\$,000)						Est. funding	Est. total
				2000 - 06/01	2001 - 06/01	2002 - 06/01	2003 - 06/01	2004 - 06/01	2005 - 06/01	2006 - 06/01	weeks after project
				2001	2002	2003	2004	2005	2006	2006	cost
10	ADA Complementary Paratransit Services - Costs associated with ADA paratransit programs are eligible for this funding. The project funds the ADA paratransit eligibility process with a transportation skills assessment and a travel training program for people who could benefit from individualized instruction regarding how to independently ride People Mover buses.	FTA sec. 5307	2001 - 2005 Purchase	\$229	\$235	\$242	\$249	\$257	\$275	\$0	\$1,487
11	Management Information Systems - This project funds information systems necessary for efficient management of the public transportation system. Typical projects include Geographic Information Systems [GIS] capabilities, upgrades to the automated maintenance system, refueling, and inventory system; a new computerized dispatch system; and upgrades to the scheduling/run-cutting process, customer information and telephone communications system, and desktop computers.	FTA sec. 5307	2001 - 2005 Implementation	\$168	\$121	\$320	\$100	\$150	\$175	\$0	\$1,034
<i>subtotal FTA Section 5307 Transit funding to the MOA</i>				<i>\$3,719</i>	<i>\$3,446</i>	<i>\$3,677</i>	<i>\$3,935</i>	<i>\$4,211</i>	<i>\$4,505</i>	<i>\$0</i>	<i>\$23,493</i>
Other FTA Section 5307 and Section 5309 Funds											
12	1% Transit Enhancement on ARRC projects	FTA sec.5307	2001 - 2003 Appropriation	\$48	\$48	\$48	\$0	\$0	\$0	\$0	\$144
13	Double Tracking- The Alaska Railroad Corporation is expanding its track with an additional rail line next to the ARRC's main line in locations throughout the Anchorage - Wasilla operating area.	FTA sec. 5309	2001 Implementation	\$8,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$11,000
14	Anchorage Depot Improvements- Project to improve the site of the existing Anchorage Depot	FTA sec. 5307	2001 - C	\$259	\$104	\$0	\$0	\$0	\$0	\$0	\$363
15	Anchorage International Airport Spur - project will complete the additional south leg of the Airport Spur wye.	FTA sec. 5309	2001 - C	\$200	\$0	\$0	\$0	\$0	\$0	\$0	\$200
<i>subtotal FTA Sections 5307 & 5309 Transit funding to ARRC</i>				<i>\$8,507</i>	<i>\$3,152</i>	<i>\$48</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$11,707</i>
FHWA/STP [CMAQ] funds (figures are duplicated here to illustrate entire transit program)											
16	Anchorage Ridesharing / Transit Marketing - Funds the operation of the MOA Share-A-Ride which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program. Also funds a comprehensive transit marketing effort.	CMAQ, see Table 5.	2001 - 2006 Programming	\$470	\$510	\$550	\$580	\$610	\$640	\$0	\$3,360
17	UAA/Providence Transit Center - The Providence/University Area Transportation Study recognized the importance of public transportation within as well as to/from the Area. This project implements the study's recommendation for the construction of an area transit center, providing a safe location for passengers waiting for buses.	CMAQ, see Table 5.	2001 -C	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500
18	Automated Operating System for People Mover - This project includes vehicle location and operating characteristics, customer real-time information, passenger counting equipment, and improved management reporting capability.	CMAQ, see Table 5.	2002- Implementation	\$0	\$2,400	\$0	\$0	\$0	\$0	\$0	\$2,400
19	Youth Employment Program for transit stop and trail accessibility - This program hires young people (16-22 years old) to improve bus stops. Typical activities include minor construction projects, clearing and grubbing of landscaping, watering, planting landscaping beds and planters, etc.	CMAQ, see Table 5.	2001 - 2006 Implementation	\$47	\$47	\$47	\$47	\$47	\$0	\$0	\$235

TAC Final Draft Table 7. TRANSIT PROGRAM FUNDING for the 2001-2003 TIP, March 30 2000

	PROJECT LOCATION	FUNDING SOURCE	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)						Est. funding	Est. total
				10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06	10/06 - 09/07	10/07 - 09/08	10/08 - 09/09
				2001	2002	2003	2004	2005	2006	2006	cost
20	New Eastside Area Anchorage Transit Center - With changing travel patterns in the Anchorage area, the need for local transit hubs has increased. Hubs provide safe, convenient centers for bus riders to transfer between buses, eliminates the need to travel to the CBD, and reduces travel time. Location to be determined.	CMAQ, see Table 5.	2004 - C	\$0	\$0	\$0	\$2,500	\$0	\$0	\$0	\$2,500
21	Winter CO Season Free Bus Service: Project provides free bus service from Nov 1 through Jan 31 to reduce auto travel and promote transit ridership. Funding for third year is contingent upon success of program in increasing ridership. (Funded in FFY1999 and FFY2000.)	CMAQ, see Table 5.	2002- Programming	\$525	\$0	\$0	\$0	\$0	\$0	\$0	\$525
22	Winter Sidewalk Maintenance: Provide maintenance in neighborhoods that connect with the transit system. Program started in previous TIP, FFY2000.	CMAQ, see Table 5.	2003 - 2005 Implementation	\$200	\$200	\$200	\$200	\$200	\$0	\$0	\$1,000
23	Transit Fleet Expansion - This project will begin expansion for the People Mover Public Transportation System by purchasing three (3) new buses each year beginning in 2004.	CMAQ, see Table 5.	2004 - 2006 Fleet Expansion	\$0	\$0	\$0	\$850	\$850	\$850	\$0	\$2,550
<i>subtotal FHWA/CMAQ Transit funding</i>				\$3,742	\$3,157	\$797	\$4,177	\$1,707	\$1,490	\$0	\$15,070
Total Transit Program (FTA + FHWA)				\$15,968	\$9,755	\$4,522	\$8,112	\$5,918	\$5,995	\$0	\$50,270

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