Submitted by: Chair of the Assembly
at the Request of the Mayor
Prepared by: Traffic Department
For Reading: June 12, 2007

CLERK'S OFFICE
APPROVED
Date: 6-26-07

ANCHORAGE, ALASKA
AR NO. 2007-147

IMMEDIATE RECONSIDERATION FAILED 6-26-07

A RESOLUTION OF THE ANCHORAGE ASSEMBLY ADOPTING RECOMMENDATIONS TO BE FORWARDED TO THE ANCHORAGE METROPOLITAN AREA TRANSPORTATION SOLUTIONS (AMATS) POLICY COMMITTEE REGARDING AN AMENDMENT TO THE FFY 2006 – 2009 TRANSPORTATION IMPROVEMENT PROGRAM (TIP).

THE ANCHORAGE ASSEMBLY RESOLVES:

Section 1. That the Assembly has reviewed the recommendations of the Anchorage Metropolitan Area Transportation Solutions (AMATS) Technical Advisory Committee, as of April 24, 2007, regarding the final draft amendment to the AMATS FFY 2006-2009 Transportation Improvement Program (TIP).

Section 2. That the Assembly hereby adopts said recommendations for the Amendment to the AMATS FFY 2006-2009 TIP, and recommends its approval to the AMATS Policy Committee.

Section 3. This resolution shall be effective immediately upon passage and approval.

PASSED AND APPROVED by the Anchorage Municipal Assembly this 26th day of June, 2007.

Chair

ATTEST:

Municipal Clerk

[Attachments] Final Draft FFY 2006-2009 Transportation Improvement Program tables, as follows:

- Table 1 Total four-year Program Summary 2006-2009 (1 page)
- Table 1a Total Six-Year Program Summary 2006-2011 (1 page)
- Table 3a Highway Safety Improvement Program Set Aside (1 page)
- Table 3 Roadway Improvements for the Non-National Highway System (3 pages)
- Table 4 Transportation Enhancements for the Non-National Highway System (1 page)
- Table 5 Congestion Mitigation & Air Quality for the Non-National Highway System (2 pages)
- Table 6 National Highway System (1 pages)
- Table 7 Transit Program Funding (3 pages)
- Table 8 Other Federal and State Funded projects (2 pages)
- Table 9 National Highway System Projects outside AMATS (1 page)

MUNICIPALITY OF ANCHORAGE
ASSEMBLY MEMORANDUM

No. AM 384 -2007

Meeting Date: June 12, 2007

FROM: Mayor

SUBJECT: A Resolution Adopting Recommendations to be forwarded to the AMATS Policy Committee regarding an Amendment to the FFY 2006-2009 Transportation Improvement Program (TIP).

The Municipal Assembly is asked to adopt recommendations regarding an Amendment to the 2006-2008 Transportation Improvement Program (TIP), and forward that resolution to the Anchorage Metropolitan Area Transportation Solutions (AMATS) Policy Committee. In accordance with AO 97-139 (S), the Municipal Assembly shall review and by resolution adopt recommendations on the TIP within 30 days after the TIP is introduced for action, unless the AMATS Policy Committee and Assembly otherwise agree to a longer period of time.

On April 26th, 2007, the AMATS Technical Advisory Committee reviewed and released the proposed draft 2006-2009 TIP for a 30-day public review. The formal comment period closes on May 30th, 2007. The Planning & Zoning Commission will hold a Public Hearing on June 11th 2007 to take additional comments.

The TIP prioritizes funding for municipal and state owned transportation projects, which are eligible for federal funding. Generally, the Federal Highway Administration (FHWA) supports projects at 91% and Federal Transit Administration (FTA) supports projects at 80%. The required 9-20% matching funds are provided by the Municipality of Anchorage.

The 2006-09 TIP utilizes State of Alaska Department of Transportation (ADOT) proposed funding of 27.8% of the CTP (Community Transportation Program) Funds. This funding equates to $29,312,000 in 2007, $22,928,000 in 2008, and $20,992,000 in 2009 for roadway improvements, enhancements and Congestion Management and Air Quality (CMAQ) projects. As always, these funding estimates can change at any time based on the Statewide Transportation Improvement Program.

Several factors are contributing to this proposed amendment. Reduced Federal Highway funding available along with increased project costs from construction increases require some schedule changes as well as the necessity to delete some projects from the TIP. Some projects moving out to later years include Victor Road Reconstruction, Eagle River Road Rehab and improvements to the New Seward Highway. Projects to be deleted from the TIP include Lake Otis Parkway Reconstruction (Northern Lights to DeBarr), Fireweed Lane Rehab, Abbott Road Rehab, Eklutna River Bridge Rehab, Coastal Trail Extension, Eagle River Greenbelt Access and Pathway and Campbell Creek Trail Grade Separation over Lake Otis Parkway. The reasons for these necessary changes are that the likelihood of future federal funding does not look promising.

The proposed tables show a balanced program for each year. Individual table highlights are listed below:

Table 3a – Highway Safety Improvement Program (Set-Aside)
Proposed funding for projects contained in Table 3a are above and beyond AMATS' normal allocation and are pre-draft Statewide Transportation Improvement Program (STIP) funding levels.

Table 3 – Roadway Improvements
Roadway improvement projects represent 73.8% of the proposed program allocation.

Table 4 – Enhancement projects
Enhancements represent 10.4% of the proposed program.

Table 5 – Congestion Mitigation and Air Quality (CMAQ) projects
The CMAQ table is in a new format now, required by the AMATS Policies and Procedures. The format breaks the table into four categories: Statewide Implementation Plan (SIP required Projects and Programs; Studies and Plans; Programs, and Projects. AMATS will receive a separate CMAQ allocation over and above the AMATS Allocation for the federal fiscal year 2007. CMAQ projects represent 15.9% of the proposed program.

Table 6 – National Highway System
Contains numerous funding changes for the 2006-2009 program, per the latest STIP amendment. ADOT staff provided new project estimates for the 2006-2009 program.

Table 7 – Federal Transit and Railroad projects
People Mover and Alaska Railroad staff provided updated project costs.

Table 8 – Other Federal and State funded projects
Several new earmark projects are listed. In addition, construction funding for the Knik Arm Crossing Project has been added and the project has been included in the air quality conformity analysis.

Table 9 – Other projects outside of AMATS
Projects completed in 2004-05 are removed from this table.

The Administration respectfully requests that a work session with staff be scheduled and held prior to the Assembly making recommendations to the AMATS Policy Committee.

THE AMATS TECHNICAL ADVISORY COMMITTEE RECOMMENDS APPROVAL OF THE ASSEMBLY RESOLUTION REGARDING THE ADOPTION OF THE AMATS FFY 2006-2009 TRANSPORTATION IMPROVEMENT PROGRAM (TIP).

Prepared by:	Lance R. Wilber, Director, Traffic Department
Concur:	Denis C. Leblanc, Municipal Manager
Respectfully submitted:	Mark Begich, Mayor

Table 1a. TOTAL SIX-YEAR PROGRAM SUMMARY
AMATS FFY 2006-2009 Public Review Draft TIP and 2010-2011 Illustrative Program (April 2007)

TRANSPORTATION IMPROVEMENTS	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 2007	2008	2009	*2010*	*2011*	3-year total $ (2006-2008)	% of 3-year Non-NHS (2006 - 2008)	% of 3-year total TIP (2006-2008)	6-year total $ (2006 - 2011)	% of 6-year Non-NHS (2006 - 2011)	% of 6-year total TIP (2006 - 2011)
AMATS HSIP Set-Aside *(Table 3b)*	$3,756	$0	$0	*$0*	*$0*	$14,622		11%	$14,622		*5%*
Non-National Highway System						$0					
Roadway *(Table 3)*	$22,060	$17,300	$17,000	*$53,920*	*$42,865*	$54,959	72%	40%	$168,744	*81%*	*58%*
Transportation Enhancements *(Table 4)*	$1,807	$3,370	$2,230	*$4,500*	*$2,950*	$7,682	10%	6%	$17,362	*8%*	*6%*
Congestion Mitigation & Air Quality *(Table 5)*	$5,400	$2,300	$2,105	*$3,710*	*$3,965*	$13,350	18%	10%	$23,130	*11%*	*8%*
2006-2009 STIP Non-National Highway System Allocation from ADOT&PF's CMAQ program {as of 04/07}	$3,500	$0	$0	*$0*	*$0*	$7,000					
Non-National Highway System Subtotal	$29,267	$22,970	$21,335	*$62,130*	*$49,780*	$75,991	100%	55%	$209,236	*100%*	*72%*
2006-2011 STIP Non-NHS Allocation for all projects (2010-11 are AMATS estimates of future allocations)	$22,576	$24,562	$27,000	*$40,000*	*$40,000*	$68,692			$175,692		
Amount over or (- under) funding allocation level	$3,191	-$1,592	-$5,665	$22,130	$9,780	$299			$33,544		
National Highway System *(Table 6)*	$20,900	$3,600	$7,500	*$0*	*$0*	$27,118		20%	$34,618		*12%*
Transit Capital FTA Sec 5307 to MOA Public Transportation *(Table 7)*	$5,426	$5,436	$5,446	*$5,556*	*$5,566*	$14,043		10%	$30,611		*11%*
Transit Capital FTA Section 5307 to ARRC *(Table 7)*	$176	$1,027	$212	*$212*	*$212*	$2,166		2%	$2,802		*0%*
Transit Capital FTA Section 5309 {Earmarks & Fixed Guideway} to ARRC *(Table 7)*	$200	$1,050	$1,071	*$1,093*	*$200*	$3,008		2%	$5,372		*2%*
Transit Operating (FTA)	$0	$0	$0	*$0*	*$0*	$0		0%	$0		*0%*
TOTAL PROGRAM (Non-NHS + NHS HSIP Set Aside+ AMATS Pave/Bridge + FTA 5307and 5309)	$59,725	$34,083	$35,564	*$68,991*	*$55,758*	$136,948		100%	$289,087		*100%*
Other federally funded projects within AMATS Area *(Table 8)*	$115,466	$293,713	$266,341	*$169,984*	*$29,400*	$488,600			$954,325		
National Highway System Improvements Outside AMATS, but within the MOA *(Table 9)*	$0	$0	$0	*$0*	*$0*	$0			$0		
TOTAL FEDERAL FUNDING FOR TRANSPORTATION IMPROVEMENTS WITHIN AMATS AND THE MOA	$175,191	$327,796	$301,905	*$238,975*	*$85,158*	$625,548			*$1,243,412*		

Table 3a.

AMATS FFY 2006- 2009 Public Review Draft TIP (April 2007)

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR 10/05 - 09/06 2006	10/06 - 09/07 2007	10/07 - 09/08 2008	10/08 - 09/09 2009	10/09 - 09/10 2010	10/10 - 09/11 2011	Estimated funding	Est total project cost
	Table 3a. Highway Safety Improvement Program Set Aside									
1	Son of Downtown Anchorage Curb Bulb Project	2007 - C	$0	$545	$0	$0	$0	$0	$0	$545
2	Jewel Lake Rd @ Raspberry Rd East-West Dual Left Turn Lanes Project	2007 - U/C	$0	$147	$0	$0	$0	$0	$0	$147
3	Ingra St: 4th Ave to 3rd Ave Channelization Improvements	2007 - R/U/C	$0	$264	$0	$0	$0	$0	$0	$264
4	1950 Gambell St Utility Pole Relocation Project	2006 - R/U/C	$399	$0	$0	$0	$0	$0	$0	$399
5	34th Ave @ Old Seward Hwy Channelization Improvements	2007 - U/C	$0	$82	$0	$0	$0	$0	$0	$82
6	L St: 5th Ave to 13th Ave Channelization Improvements (NHS)	2006 - C	$294	$0	$0	$0	$0	$0	$0	$294
7	International Airport Rd @ Old Seward Hwy Channelization Improvements (NHS)	2007 - U/C	$0	$400	$0	$0	$0	$0	$0	$400
8	13th Ave @ Gambell St Channelization Improvements (NHS)	2006 - D/U/C	$316	$0	$0	$0	$0	$0	$0	$316
9	Group 2: Anchorage Area Median and Signalization Revisions: Northern Lights Blvd. @ Rose St.	2006 - R/C	$124	$0	$0	$0	$0	$0	$0	$124
10	Group 3A: Anchorage Area HSIP Spot Safety Improvements: Lake Otis Pkwy., Tudor to Northern Lights & Old Seward Hwy., Dimond to 88th.	2006 - R/U/C	$997	$0	$0	$0	$0	$0	$0	$997
11	Group 3B: Anchorage Area HSIP Spot Safety Improvements: Old Seward Hwy., 36th to 40th.	2006 - R/U/C	$131	$0	$0	$0	$0	$0	$0	$131
12	Group 1B: Downtown HSIP Intersection Improvements: 7th Ave. @ C St. & 8th Ave. @ E/G Streets.	2006 - R/C/U	$492	$0	$0	$0	$0	$0	$0	$492
13	FY 2002 Funded Group 4B, Anchorage Area HSIP Corridor Project: 36th Ave. @ C Street	2007 - R/U/C	$0	$520	$0	$0	$0	$0	$0	$520
14	Arctic Blvd: Fireweed Ln to Benson Blvd 3-lane Conversion	2005 - U/C	$0	$0	$0	$0	$0	$0	$0	$0
15	Group 5A: Anchorage Area HSIP Projects: 36th Ave.: C St. to Arctic Blvd. & Arctic Blvd. @ Potter Dr.	2006 - R/U/C	$3,041	$0	$0	$0	$0	$0	$0	$3,041
16	Group 4A: Anchorage Area HSIP Corridor Projects: Muldoon Road: 2oth Ave. to 36th Ave.	2006 - U/C	$2,080	$0	$0	$0	$0	$0	$0	$2,080
17	Old Seward Hwy @ 48th Ave Channelization Improvements	2006 - C	$137	$0	$0	$0	$0	$0	$0	$137
18	Northern Lights Blvd @ Bragaw St Channelization Improvements	2006 - C	$78	$0	$0	$0	$0	$0	$0	$78
19	10th Ave @ E St & C St Channelization Improvements	2006 - C	$187	$0	$0	$0	$0	$0	$0	$187
20	Lake Otis Pkwy @ 68th Ave Channelization Improvements	2006 - D/U/C	$588	$0	$0	$0	$0	$0	$0	$588
21	Minnesota Dr @ 33rd Ave Intersection Improvements	2007 - C	$0	$148	$0	$0	$0	$0	$0	$148
22	Bragaw St @ Ambassador Dr Safety Improvements	2006 - C	$128	$0	$0	$0	$0	$0	$0	$128
23	36th Ave @ Locarno/ Cottonwood Dr Intersection Improvements	2006 - D 2007 - U/C	$97	$482	$0	$0	$0	$0	$0	$579
24	36th Ave @ Latouche St Intersection Improvements	2006 - D 2007 - C	$7	$43	$0	$0	$0	$0	$0	$50
25	Glenn Hwy: McCarrey St to Muldoon Rd Lighting Relocation Project	2006 - U/C	$1,065	$0	$0	$0	$0	$0	$0	$1,065
26	6th Ave @ Muldoon Rd Safety Improvements	2006 - R/U/C	$345	$0	$0	$0	$0	$0	$0	$345
27	5th Avenue @ C Street Intersection Improvements	2006 - D 2007 - C	$63	$108	$0	$0	$0	$0	$0	$171
28	Debarr Road: Boniface Parkway to Beaver Place Channelization Improvements	2006 - D 2007 - U/C	$100	$414	$0	$0	$0	$0	$0	$514
29	Dimond Boulevard @ Jewel Lake Road Intersection Improvements	2006 - D 2007 - C	$58	$107	$0	$0	$0	$0	$0	$165
30	Seward Highway @ 36th Avenue Intersection Improvements	2006 - D 2007 - U/C	$81	$319	$0	$0	$0	$0	$0	$400
31	DeArmoun Road @ Hillside Drive Intersection Improvements	2006 - D 2007 - U/C	$58	$177	$0	$0	$0	$0	$0	$235
	Annual Totals		$10,866	$3,756	$0	$0	$0	$0	$0	$14,622
	Estimated HSIP Safety Set Aside allocated to AMATS for 2006-07									
	Amount (over) / under allocation									
	A pilot program called the "Highway Safety Improvement Program" is recommended as a new approach to address the safety improvement needs of several roadways in Anchorage. The intent of this program is to expedite safety improvements to selected roadways.									

Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID's	Project #	PROJECT LOCATION	PROJECT PHASING	PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 10/06-09/07 2007	10/07-09/08 2008	10/08-09/09 2009	10/09-09/10 2010	10/10-09/11 2011	Est funding needs after 2011	Estimated total project cost 2006-11
G-1	2542	53178	**Old Seward Highway Rehabilitation** [O'Malley Road to Brandon] - Project will separate turning movements from through traffic, and improve access to adjacent commercial properties. Landscaping @ 5% of Construction $ = to be determined. ROW in 2005 is A/C from 2006. Construction shown in 2009 is A/C into 2008.	2005 - ROW 2008 - U/C 2009 - U/C		$0	$7,000	$12,500	$0	$0	$0	$22,350
G-2	2696	55027	**Victor Road Reconstruction [Dimond Boulevard to 100th Avenue]** - Project will upgrade this roadway to minor arterial standards to include a minimum of 2 lanes with a center turn lane, pedestrian facilities, lighting, storm drainage, and landscaping. Landscaping @ 5% of Construction $ = to be determined. ROW in 2005 is A/C from 2006.	2005 - D/ROW 2009 - U/C		$0	$0	$0	$13,700	$0	$0	$14,490
G-3	6499	53933	**Huffman Road Reconstruction** [Old Seward Highway to Lake Otis Parkway] - project will increase from 2 to 4 lanes and improve intersections and pedestrian facilities. Roundabouts are proposed at 4 intersections along the corridor. Landscaping between Old Seward and Seward Highways @ 5% of Construction $ = to be determined.	2007 - ROW 2009 - U/C		$1,730	$0	$4,300	$6,600	$0	$0	$12,630
G-4	2299	53943	**Eagle River Road Rehabilitation** [MP 5.3 to MP 12.6] - Upgrade the road with widened shoulders, improved visibility, and repavement. No landscaping improvements recommended.	2007 - ROW 2009 - U/C 2010 - U/C		$5,000	$0	$0	$14,500	$0	$0	$19,500
G-5	2297	53936	**Eagle River Loop Road Rehabilitation** [Old Glenn Highway to Eagle River Road] - Reconstruct to arterial standards including shoulders, turn lanes, pedestrian facilities, lighting and landscaping. Landscaping @ 5% of Construction $ = to be determined. Project recommended to be developed as a 3R per ADOT's Pre-Construction Manual.	2007 - U/C		$9,180	$2,000	$0	$0	$0	$0	$11,180
G-6	14480	58061	**Old Glenn Highway Reconstruction Phase II** [rural section, Fire Lake to Peters Creek] - project will add 4-foot shoulders and new pavement; construct a paved pathway, truck climbing lane, left turn pockets @ S & N Birchwood and Ski Rd, and replace bridge across Peters Creek. Construction in '08 from Fire Lake to S Birchwood. Construction in '10 from S. Birchwood to Peters Creek. ROW funding previously authorized in '05.	2006 - D 2008 - U/C 2010 - U/C		$0	$8,100	$0	$0	$18,500	$0	$26,850
G-7	2159	53935	**O'Malley Road Reconstruction** [Seward Highway to Hillside Drive] - Reconstruct the roadway to improve safety and capacity at intersections and improve pedestrian facilities and 3 lane section east of Lake Otis Pkwy. and 5 lane section between Seward Hwy and Lake Otis Pkwy. Landscaping @ 5% of Construction $ = to be determined.	2006 - D 2009 - ROW 2011+ - U/C		$0	$0	$0	$1,500	$3,100	$20,000	$25,600
G-8	14459	57823	**Arctic Blvd Surface Rehabilitation and Safety Project** [36th Ave to Fireweed Lane] - Project will restore the pavement, upgrade the pedestrian facilities to ADA standards, and remedy other corridor conditions that have a strong safety component.	2006 - C		$0	$0	$0	$0	$0	$0	$3,500
G-9	14459	57433	**Lake Otis Parkway Surface Rehabilitation and Safety Project** [Abbott Road to 68th Ave, 88th Ave from Toloff St to Lake Otis], Project will restore the pavement, upgrade the pedestrian facilities to ADA standards, and remedy other corridor conditions that have a strong safety component. State GF grant provides $4.5M for project in 2007.	2007 - U/C		$4,400	$0	$0	$0	$0	$0	$4,400
	19497		**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. There are no current Pavement Replacement Projects proposed.			$0	$0	$0	$0	$0	$0	$0
1	19574		**Glenn Highway to Seward Highway Connection Reconnaisance Study** - freeway connection of the Glenn and Seward Highways in Anchorage as identified in the 2005 AMATS LRTP. Additional NHS funding shown in Table 6, project 7.	2006 - Recon		$0	$0	$0	$0	$0	$22,000	$26,660

G = Grandfathered as per AMATS Policy Committee approved Policies and Procedures.

Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID's	Project #	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 10/06 - 09/07 2007	10/07 - 09/08 2008	10/08 - 09/09 2009	10/09 - 09/10 2010	10/10 - 09/11 2011	Est funding needs after 2011	Estimated total project cost 2006-11
2	16582	55138	**Spenard Road Rehabilitation** [Minnesota Dr to Minnesota Dr On-ramp]- project will construct from 4 to 2 lanes with a center turn lane, plus pedestrian facilities. Includes Spenard Rd/ 36th Ave couplet. Landscaping @ 5% of Construction $ = to be determined.	2006 - PE 2007 - D 2008 - ROW 2010 - U/C	$0	$0	$0	$1,745	$945	$14,150	$17,840
3	16546	57674	**Lake Otis Parkway Reconstruction** [Northern Lights Blvd. - Debarr Road] - Project involves reconstruction of the existing alignment to increase capacity, improve pavement condition and pedestrian facilities, bridge over Chester Creek, and Lake Otis and Northern Lights intersection improvements. Landscaping @ 5% of Construction $ = to be determined. PE previously funded in 2005 and rescoped for a possible EIS.	2010 - D 2011 - ROW 2011+ - C	$0	$0	$0	$2,000	$8,300	$14,000	$24,300
4	8499	55012	**Dowling Road Extension West /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 will be built in phases. Phase 1 consisting of section from Arctic Blvd to Old Seward Highway. Design funding in '10 for phase 1 only.	2010 - D 2011 - ROW 2011+ U/C	$1,400	$0	$0	$12,000	$0	$65,000	$78,400
5			**Safety Improvement Program - See Table 11**	See Table #11	$200	$200	$200	$200	$200	$0	$1,900
6	15799	58488	**Fireweed Lane Rehabilitation** [Spenard Road to Seward Highway] - Reconstruction of roadway to improve surface and safety for automobiles and non-motorized users. Intersections at A and C Streets will be improved and pedestrian improvements will be included. Note: this project originated (PE/D) in the HSIP above, however the scope of the project has grown and is recommended to included elements beyond the HSIP program. Landscaping @ 5% of Construction $ = to be determined.	2008 - ROW 2011+ - U/C	$0	$0	$0	$525	$6,500	$0	$7,025
7	17841		**Right Turn Lane Program** - Congestion Management System "Status of the System Report" recognizes intersections at critical locations on the Anchorage transportation network are often the cause of bottlenecks or delays. Program constructs the improvements. Ranked as the #1 priority for 04-06 CMAQ program, location and design starts in 2004 with CMAQ funds see Table 5.		$0	$0	$0	$0	$0	$0	$0
8	2174	53942	**Abbott Road Rehabilitation** [Lake Otis Parkway to Birch Road] - project will increase from 2 to 4 lanes and improve intersections and pedestrian facilities. Project recommended to be developed as a 3R per ADOT's Pre-Construction Manual.	2008 - D 2010 - ROW 2011+ - U/C	$0	$0	$0	$700	$5,000	$17,000	$22,700
9	19434		**Hillside District Plan** [Transportation Element only] - The study will focus on the coordination of future street and trail /pedestrian connectivity in the study area, with particular interest on connectivity between subdivisions where applicable. The study will refine and further identify which street should be developed to collector standards. The plan will also identify potential traffic related problems that may occur as a result of land use development related to location and density with recommendations to address those concern.	2006 - Study	$0	$0	$0	$0	$0	$0	$649
10	17441		**C Street Construction Phase IV** - Alaska Railroad Crossing at Raspberry Road - see Table 8, project "E" for a section 115 earmark that funds the Design.	2011+ - D/ROW/C	$0	$0	$0	$0	$0	$23,500	$23,500
11	19435		**Eagle River CBD Study** - The project would conduct a comprehensive circulation study for the entire road network within the downtown core of Eagle River. The study will include an assessment of pedestrian improvement needs, access management alternatives, the need for improved connectivity between the Old Glenn Highway and Business Boulevard, and traffic flow along the Old Glenn Highway, including the movement of freight vehicles.	2007 - Implementation	$150	$0	$0	$450	$0	$0	$600
12	2336	53985	**Eklutna River Bridge Rehabilitation/Replacement at 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.	2011 - ROW 2011+ - U/C	$0	$0	$0	$0	$320	$3,622	$3,942
			The contingency list of projects for each year will consist of the following year's projects.	ANNUAL TOTALS	$22,060	$17,300	$17,000	$53,920	$42,865	$179,272	$348,016

Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID's	Project #	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 10/06 - 09/07 2007	10/07 - 09/08 2008	10/08 - 09/09 2009	10/09 - 09/10 2010	10/10 - 09/11 2011	Est funding needs after 2011	Estimated total project cost 2006-11
			ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of April 2007] = approx. $21.5m in 2006, $25.8m in 2007, $22.9m in 2008 and $20.9 in 2009. Not including NHS &NHS Pavement & Bridge Repair.		$26,467	$28,357	$30,414	*$40,000*	*$40,000*		$108,992
			Approximate percentage (%) for roadways		83%	61%	56%	135%	107%	6-year Average=	85%
			Amount over / (- under) projected total funding level		-$4,407	-$11,057	-$13,414	$13,920	$2,865		

Table 4. TRANSPORTATION ENHANCEMENTS

AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID's	Project #	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 2007	2008	2009	2010	2011	Est funding needs after 2011	Estimated total project cost 2006-11
Constructing	2277	57363	**Ship Creek Trail Phases IV** - Project will construct a new paved pedestrian and bicycle trail segment at Ship Creek, beginning at the end of the pathway constructed under the Ship Creek Trail Phase III near Post Road continuing to Viking Drive where Ship Creek Phase II ended. $1M in '06 is for construction on Phases III & IV, $350K in '06 is for design on Phase III.	2005 - U/C 2006 - D/C	$600	$0	*$0*	*$0*	*$0*	*$0*	
G-1	2606	53589	**Potter Marsh Trailhead and Access Improvements** - Project will enhance parking lot, provide some new boardwalk connections at Potter Marsh Critical Habitat Area, and connect the Bird Treatment Learning Center on the Old Seward Hwy 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. Private contributions from Conoco Phillips will support this project.	2006 - U/C 2007 - U/C 2009 - U/C	$500	$0	*$0*	*$0*	*$0*	*$0*	*$1,000*
G-2	2256	55466	**Chester Creek Trail Connection** [Tudor Road Crossing to Goose Lake] - Project provides a connection from the Tudor Crossing to east of University Lake, minimizing impacts to neighborhoods and APU. Project also includes a multi-use paved trail connecting UAA student housing with main campus on Providence Drive. Construction in 2007 is Advance Construct from 2008.	2007 - U/C	$0	$3,370	*$1,230*	*$0*	*$0*	*$0*	*$4,600*
G-3	2205	56530	**Muldoon Road Landscaping and Pedestrian Improvements** (Regal Mountain to Bartlett Dr) - This funding will construct additional pedestrian amenities and minimal landscaping for the reminder of the corridor. $4.1M needed in 2006 for construction funded through use of Areawide Trails funding from '07-'11. $1M in construction in '07 is A/C from '08.	2007-2011 - C	$607	$0	*$1,000*	*$4,000*	*$0*	*$0*	*$5,607*
G-4	14487	55659	**Glenn Highway Trail Rehabilitation** [Muldoon Road to North Birchwood Loop] - Project to resurface existing trail, formalize a parking facility near the weight station and to construct a memorial pull-out.	2007 - ROW 2009 - U/C 2010 - U/C	$100	$0	*$0*	*$0*	*$1,300*	*$1,387*	*$2,787*
	14486	4 54658 c 55711	**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. Funding in 2006 is for AC from 2005.	2006 -PE/D/U/C 2011 - PE/D/U/C	$0	$0	*$0*	*$0*	*$900*	*$0*	*$1,400*
1	2278	52514	**Coastal Trail (Southern Extension)** - This project will extend the existing Coastal Trail south from Kincaid Park to Potter Marsh. Project remains in TIP pending completion of environmental document.		$0	$0	*$0*	*$0*	*$0*	*$0*	*$0*
2	2296	55715	**Eagle River Greenbelt Access and Pathway** - Construct 12 miles of new trail in the Eagle River Greenbelt, connecting the Briggs Bridge with the Visitor Center. New trails will be built and interpretive displays on the trails and at the trailheads. Construction likely to be completed in phases.	2009 - D 2010 - ROW 2011+ - C	$0	$0	*$0*	*$500*	*$750*	*$21,000*	*$22,250*
3	18124		**Campbell Creek Trail Grade Separation** [Lake Otis Parkway] - Project provides for a grade separated crossing at Lake Otis Parkway near Campbell Creek. PE funding was added in 2003 to examine a proposed route.	2011+ - PE/D/ROW/U/C	$0	$0	*$0*	*$0*	*$0*	*$5,000*	*$5,000*
			The contingency list of projects for each year will consist of the following year's projects.	ANNUAL TOTALS	$1,807	$3,370	$2,230	$4,500	$2,950	$27,387	$42,644
			ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of April 2007] = approx. $21.5m in 2006, $25.8m in 2007, $22.9m in 2008 and $20.9 in 2009. Not including NHS &NHS Pavement & Bridge Repair.		$26,467	$28,357	$30,414	*$40,000*	*$40,000*	$54,774	$320,516
			Approx. Percentage (%) for Transportation Enhancement Improvements is 10%.)		7%	12%	7%	11%	7%		9%
			Estimated % of total funds for trail type improvements		2%	12%	6%	5%	7%		7%
			Estimated % of total funds for roadway type enhancements		2%	0%	3%	10%	0%		3%
			Amount over / (-under) total funding non-NHS		-$24,660	-$24,987	-$28,184	-$35,500	-$37,050		-$277,872

Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2006-2008 Pulbic Review Draft TIP (April 2007)

	STIP Need ID's	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 2007	2008	2009	2010	2011	Est. funding needs after 2011	Estimated total project costs 2006-11
		SIP-Mandated Projects and Programs								
1	2273	**Anchorage Ridesharing/ Transit Marketing** - This project funds the operation of the Municipal Share-A-Ride program which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program, and a comprehensive public transportation marketing effort.	2006-09 Programming	$670	$670	$670	*$670*	*$670*	*$0*	*$4,020*
2	8385	**Air Quality Public & Business Awareness Education Campaign** - The goal of this program is to further inform the public about air quality issues and what steps people may take to reduce pollution.	2006-08 Programming	$0	$300	$300	*$300*	*$300*	*$300*	*$1,800*
3	14521	**Private Sector Block Heater Program** - Continue a block heater program in which the use of block heaters and electrical outlets are increased The purpose of this program is to reduce cold start emissions from commuters Staff is recommending continued funding in FY'05 and FY'06 until a determination is made Not a SIP measure after 2006	2006 - Implement	$0	$0	$0	*$0*	*$0*	*$0*	*$500*
4	17781	**Transit Operations Expansion/ Route Restructure** - Demonstration project provides funding for expansion of the People Mover Bus system. Improvements include expansion to new areas, implementation of community connector service to serve low density housing, supporting town centers, and implementing memory headways. Funding in 2006 represents the final funding available for Phases III that started in 2004. Improvements included implementation of DART community connector service in Eagle River/ Chugiak and in South Anchorage, improved weekend service, implementation of memory headways and pulse scheduling, establishment of new hub at Muldoon with realignment of East Anchorage routes. Not a SIP measure after 2006.	2006 - Impl Phases I-III	$0	$0	$0	*$0*	*$0*	*$0*	*$500*
			Section Totals	$670	$970	$970	$970	$970	$300	$6,820
		Studies and Plans								
1	19436	**High-Priority Transportation Corridor (HPTC) Prototype Plan**--Advanced ITS technology exists that could enable certain transit routes to significantly reduce travel time (up to 30%) which should significantly increase ridership, especially if used in combination with an increase in frequency (as recommended in the LRTP). The HPTC Prototype Plan is intended to develop an implementation plan for one corridor in the Anchorage Bowl in order to test and evaluate this new technology prior to adoption systemwide.	2007 - Plan	$150	$0	$0	*$0*	*$0*	*$0*	*$150*
2	19437	**Bicycle Plan** - Develop a bicycle plan for Anchorage to improve facility infrastructure, law enforcement, and educational programs. The plan will inventory the existing bicycle system, identify and prioritize future projects, formulate policies and enforcement, investigate safety issues and education needs, review existing bicycle laws, and review design standards	2007 - Plan	$100	$0	$0	*$0*	*$0*	*$0*	*$100*
			Section Totals	$250	$0	$0	$0	$0	$0	$250
		Programs								
1	18126	**Traffic Control Signalization** -Program would provide proactive efficiencies with better/more updated signal timing plans to address intersection congestion and improve air quality. Funding supports development of Traffic Management Center and emergency vehicle and low priority transit signal preemption.	2006-08 Programming	$300	$250	$200	*$200*	*$200*	*$300*	*$1,650*
2	15760	**Transit Stop Enhancement Program** - This program improves the safety, usability, and appearance of bus stops. Typical activities include minor construction projects, installation of transit furnishing, clearing and grubbing of landscaping, watering, planting, and snow and ice removal	2006-08 Implementation	$180	$180	$185	*$190*	*$195*	*$0*	*$1,100*

Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2006-2008 Pulbic Review Draft TIP (April 2007)

	STIP Need ID's	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 2007	2008	2009	2010	2011	Est. funding needs after 2011	Estimated total project costs 2006-11
3	19438	**Travel Options Program** - Program would consider and apply all means to improve travel choices and influence demand. Initiatives would target specific and identifiable problems for which travel demand change can be effective.	2006 - 08 Implementation	$100	$100	$100	*$0*	*$0*	*$0*	*$300*
			Section Totals	$580	$530	$485	$390	$395	$300	$3,050
		Projects								
1	17781	**Transit Operations Expansion/ Route Restructure** - Prior-year demonstration project provides funding for expansion of the People Mover Bus system. Improvements included expansion to new areas, implementation of community connector service to serve low density housing, supporting town centers, and implementing memory headways. The 2007 - 09 funding would improve weekday (midday) service frequencies on more productive routes to a bus every 1/2 hour as identified in the 2005 LRTP and Anchorage 2020. This project is eligible for 3-year funding.	2006 - Impl Phases I-III	$0	$0	$0	*$0*	*$0*	*$0*	*$0*
2	19439	**ITS/ Automated Operating System** - Project continues automation of operation of public transportation systems. Phase III items include automated ticketing, smart fareboxes, web-based interfaces, and automated telephone system for the paratransit system. Phases I & II received CMAQ funding in the 2003 TIP.	2007 - Implementation	$0	$0	$0	*$1,000*	*$0*	*$0*	*$1,000*
3	14519	**Transit Fleet Expansion/ Replacement** - This project provides funding for replacement and expansion of the public transportation fleet. The fleet consists of 40' and 30' buses, vanpool vehicles, and AnchorRIDES paratransit vehicles. Vanpool and AnchorRIDES vehicles have a useful life of 4-years, People Mover buses have a 12-year useful life cycle. Based on the People Mover Blueprint and the 2005 LRTP, fleet expansion is needed to grow the system annually. Funding in 2007 starts a two-year procurement process for replacement of 40' buses that will be put into service in 2009. Up to $300 annually is programmed for expansion/ replacement of the vanpool fleet.	2006 - 2011 Fleet Expansion	$3,800	$0	$600	*$300*	*$2,600*	*$5,600*	*$15,860*
4	17861	**Transit Centers/Facilities** - This project supports an on-going effort to provide major transit facilities at town centers and major destinations. The Anchorage 2020 / Anchorage Bowl Comprehensive Plan, identified a network of Town Centers intended to function as focal points for community activities with a mix of retail, residential, and public services and facilities, and with pedestrian connections to surrounding neighborhoods and transit. Estimated cost = $3M.	C- 2008	$0	$800	$0	*$1,000*	*$0*	*$1,187*	*$2,987*
5	19454	**Anchorage Integrated Roadnet, Phase II** - Project would complete and refine the Anchorage Integrated Roadnet Project, whose goal is to establish a common roads network and database for multiple State and Municipal agencies/ reducing data redundancy, staff time required to maintain data, and errors.	2007 - 09 Implementation	$100	$0	$50	*$50*	*$0*	*$0*	*$200*
6	18127	**Implementation of Best Management practices for PM-10 Control** - This project provides funding for (1) sweeping of major roads in the Municipality of Anchorage prior to peak PM-10 period associated with spring break-up; (2) application of chemical dust palliatives to treat accumulated dirt on the shoulders and medians of major roads to reduce dust emissions during high PM-10 periods ; (3) development, implementation and enforcement of possible new regulations and permitting requirements for those involved in sanding and/or sweeping roads, parking lots and 4) purchase of new equipment for street sweeping and application of chemical dust palliatives.	2006 Implementation	$0	$0	$0	*$0*	*$0*	*$0*	*$350*
			Section Totals	$3,900	$800	$650	$2,350	$2,600	$6,787	*$20,397*
		The contingency list of projects for each year will consist of the following year's projects.	**ANNUAL TOTALS**	**$5,400**	**$2,300**	**$2,105**	**$3,710**	**$3,965**	**$7,387**	**$26,997**
		ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of April 2007] = approx. $21.5m in 2006, $25.8m in 2007, $22.9m in 2008 and $20.9 in 2009. Not including NHS &NHS Pavement & Bridge Repair.		$26,467	$28,357	*$30,414*	*$40,000*	*$40,000*	*$40,000*	**$26,997**
		Amount over / (-under) projected total CMAQ allocation level		-$21,067	-$26,057	-$28,309	-$36,290	-$36,035		
		Approximate Percent (%) for Congestion Mitigation/Air Quality		20%	8%	7%	9%	10%		*11%*

Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID's	Project #	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 10-06 - 09-07 2007	10-07 - 09-08 2008	10-08 - 09-09 2009	Est funding needs after 2009	Estimated total project cost 2006-11
1	2189	58800	**Glenn Highway Reconstruction** [Gambell Street to McCarrey Street] - Reconstruction with one additional lane in each direction. Includes Bridge no. 1339 Bragaw Street Pedestrian Overcrossing Boundary change.	2006 - ROW 2007 - U/C	$13,900	$0	$0	*$0*	*$15,260*
2	18304		**Glenn Highway Weigh Scales Reconstruction** - Reconstruct the weigh scales on the Glenn Highway North and South Bound.	2006 - D/C	$0	$0	$0	*$0*	*$1,100*
3	2201	52503	**Seward Highway** [Rabbit Creek to 36th Avenue] - Analyze and identify needed transportation improvements in the Seward Highway Corridor, between Rabbit Creek and 36th Avenue. Improvements to be considered may include but are not limited to: widening from from four to six lanes; modify existing interchanges; grade separation at 36th Ave.; extend western frontage road between Dimond Blvd. and O'Malley Road; overcrossings at International Airport Road, 68th, 76th, and 92nd Avenues; and pedestrian and bike facilites. The initial phase will construct an additional travel lane on the Seward Highway in both the North and Southbound directions between Dimond Blvd. and Tudor Road interchanges. This work will include adjusting on and off ramp geometry and drainage modifications.	2008 - ROW 2009 - ROW	$0	$3,600	$7,500	*$44,600*	*$55,937*
4	14079	58011	**Seward Highway** [Potter Valley Rd to Rabbit Creek Road] - Rehabilitate the Seward Highway from Potter Valley Rd to Rabbit Creek Rd. Evaluate need for passing lanes.		$0	$0	$0	*$0*	*$0*
5	18643	56944	**CVISN (Commercial Vehicle Information System Network) Deployment - This project** provides other federal match requirement. Task to be completed include an Automated Vehicle Identification system on the Glenn Highway, Remote Video Monitoring systems at various locations and a system for remote operations on the Glenn Highway inbound weigh station.	2006 - C	$0	$0	$0	*$0*	*$621*
6	17967		**Muldoon Road Repaving** [36th Ave to Glenn Highway]	2007 - D/U/C	$7,000	$0	$0	*$0*	*$7,000*
7	19574		**Glenn Highway to Seward Highway Connection Reconnaisance Study** - Construct a freeway between the Glenn Highway at Airport Heights Road and the Seward Highway at 36th Avenue; includes interchanges at Airport Heights Road and 36th Avenue: freeway access and egress ramps elsewhere onlong the alignment: depressed segments of the freeway that include the construction of bridges adn decking above the freeway for cross streets and community amenities.	2006 - Recon	$0	$0	$14,000	*$8,000*	*$26,976*
			The contingency list of projected for each year will consist of the following year's projects. ***(Note: Table is not shown in priority order. These projects have not been ranked by AMATS).***	ANNUAL TOTALS	$20,900	$3,600	$7,500	$52,600	$83,345

Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need IDs	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000) Carryover	10/05-9/06 2006	10/06-9/07 2007	10/07-9/08 2008	10/08-9/09 2009	10/09-9/10 *2010*	10/10-9/11 *2011*	Est funding needs after 2011	Estimated total project costs
		Municipality of Anchorage - FTA Section 5307 & 5340 Funds										
a	19455	**1% Transit Enhancement** - SAFETEA-LU 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].	2006 - 2009 Implementation	$0	$39	$39	$39	$39	*$39*	*$39*	*$0*	*$234*
b	19456	**Transit Planning Program** - This provides replacement funding resulting from a reduction in Anchorage's allocation of the Federal Transit Administration's Section 5303 program. With the 2000 U.S. Census, Fairbanks became eligible for Section 5303 funding. With no increase in the allocation to Alaska, Anchorage's allocation has been reduced.	2006 - 2009 Implementation	$0	$50	$50	$50	$50	*$50*	*$50*	*$0*	*$300*
c	19457	**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.	2007 - 2009 Implementation	$750	$157	$707	$707	$707	*$707*	*$707*	*$0*	*$3,692*
d	19458	**Preventive Maintenance / Capital Maintenance** - FTA [Federal Transit Administration] 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.	2006 - 2009 Implementation	$0	$1,825	$3,510	$3,510	$3,510	*$3,510*	*$3,510*	*$0*	*$19,375*
e	19459	**Fleet Improvement and Support Equipment**- 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.	2006 - 2009 Purchase	$0	$250	$250	$250	$250	*$350*	*$350*	*$0*	*$1,700*
f	19460	**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.	2006- 2009 Purchase	$0	$100	$100	$100	$100	*$100*	*$100*	*$0*	*$600*
g	19462	**Paratransit Vehicles** - This project funds the fleet expansion and replacement for the AnchorRIDES paratransit service.	2006 - 2009 Purchase	$0	$300	$300	$300	$300	*$300*	*$300*	*$0*	*$1,800*
h	19463	**ITS/ Automated Operating System** - Staff and capital resources to provide project oversight and capital for ITS for all modes of public transportation services.	2006 - 2009 Implementation	$0	$100	$100	$100	$100	*$100*	*$100*	*$0*	*$600*
i	19464	**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.	2006 - 2009 Implementation	$0	$310	$320	$330	$340	*$350*	*$360*	*$0*	*$2,010*
j	19465	**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.	2006 - 2009 Implementation	$0	$50	$50	$50	$50	*$50*	*$50*	*$0*	*$300*
		subtotal FTA Section 5307 Transit funding to the MOA		$750	$3,181	$5,426	$5,436	$5,446	$5,556	$5,566	$0	*$30,611*
		Alaska Railroad - FTA Section 5307 Funds										
k	19466	**1% Transit Security on the Alaska Railroad Corporation projects (Sec 5307)**	2006 - 2011 Implementation	$0	$174	$176	$198	$212	*$212*	*$212*	*$0*	*$1,184*

Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID	PROJECT LOCATION	PROJECT PHASING PLAN	Carryover	2006	2007	2008	2009	2010	2011	Est funding needs after 2011	Estimated total project costs
l		**Preventative Maintenance** - This project partially funds statewide maintenance costs of passenger vehicle railcars and locomotives. Preventive maintenance is defined as all activities, supplies, materials, labor, services and associated costs required to preserve or extend the functionality and servicability of the asset.	2006 - 2011 Implementation	$0	$789	$0	$829	$0	*$0*	*$0*	*$0*	*$1,618*
m		**South Anchorage Double Track**	2007 Implementation	$135	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$135*
		subtotal FTA Section 5307 Transit funding to Railroad		$135	$963	$176	$1,027	$212	$212	$212	$0	$2,937
		Alaska Railroad - FTA Section 5309 (Fixed Guideway) Funds										
n	19467	**Construct Passenger Maintenance Facility (Sec 5309 - Fixed Guideway)** with accessories, equipment and services and related track. Funding show in the 2007-2010 program years is estimated and shown for illustrative purposes.	2006 - 2007 Implementation	$0	$750	$0	$0	$0	*$0*	*$0*	*$0*	*$750*
o		**Track Rehab** - Rail and tie rehabilitation along rail belt.	2006 - 2008 Implementation	$0	$200	$200	$200	$200	*$200*	*$200*	*$0*	*$1,200*
p		**Preventative Maintenance** - This project partially funds statewide maintenance costs of passenger vehicle railcars and locomotives. Preventive maintenance is defined as all activities, supplies, materials, labor, services and associated costs required to preserve or extend the functionality and servicability of the asset.	2006 - 2011 Implementation	$0	$808	$0	$850	$871	*$893*	*$0*	*$0*	*$3,422*
		subtotal FTA Section 5309 (Fixed Guideway) funding to Railroad		$0	$1,758	$200	$1,050	$1,071	$1,093	$200	$0	$5,372
		Alaska Railroad - FTA Section 5309 (Earmark) Funds										
q	19468	**Ship Creek Intermodal Facility (Sec 5309 "Earmark")** Development of a transportation hub (bus, rail, parking, pedestrian services) located in the Ship Creek area.	2004 - 2007 Implementation	$3,298	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$3,298*
r	19514	**Ted Stevens Anchorage International Airport Rail Station (Sec 5309 - Earmark)** - Continued development of rail station at airport including buildings, track, signals, pedestrian services, amenities and passenger rolling stock.	2006 Implementation	$2,150	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$0*
		subtotal FTA Section 5309 (Earmark) funding to Railroad		$5,448	$0	$0	$0	$0	$0	$0	$0	$3,298
		subtotal FTA Section 5309(Earmark & Fixed Guideway) funding to Railroad		$5,448	$1,758	$200	$1,050	$1,071	$1,093	$200	$0	$11,968
		subtotal FTA Sections 5307 & 5309 Transit funding to ARRC		$5,583	$2,721	$376	$2,077	$1,283	$1,305	$412	$0	$11,607
		Municipality of Anchorage - FHWA/STP [CMAQ, Table 5] funds ***(projects are duplicated here to illustrate entire transit program)***										
s	2273	**Anchorage Ridesharing/Transit Marketing** - This project funds the operation of the Municipal Share-A-Ride program which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program, and a comprehensive public transportation marketing effort.	2006 - 2009 Programming	$0	$670	$670	$670	$670	*$670*	*$670*	*$0*	*$4,020*
t	17861	**Transit Centers/Facilities** - This project supports an on-going effort to provide major transit facilities at town centers and major destinations. The Anchorage 2020 / Anchorage Bowl Comprehensive Plan, identified a network of Town Centers intended to function as focal points for community activities with a mix of retail, residential, and public services and facilities, and with pedestrian connections to surrounding neighborhoods and transit.	2008 - C	$0	$0	$0	$1,000	$0	*$1,000*	*$0*	*$0*	*$2,000*

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AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

Need IDs	STIP	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR ($,000)							Est funding needs after 2011	Estimated total project costs
				Carryover	2006	2007	2008	2009	*2010*	*2011*		
u	17781	**Transit Operations Expansion/ Route Restructure** - Demonstration project provides funding for expansion of the People Mover Bus system. Improvements include expansion to new areas, implementation of community connector service to serve low density housing, supporting town centers, and implementing memory headways. Funding in 2006 represents the final funding available for Phases III that started in 2004. Improvements included implementation of DART community connector service in Eagle River/ Chugiak and in South Anchorage, improved weekend service, implementation of memory headways and pulse scheduling, establishment of new hub at Muldoon with realignment of East Anchorage routes. Not a SIP measure after 2006.	2006 - Impl Phases I-III	$0	$500	$0	$0	$0	*$0*	*$0*	*$500*	*$1,000*
v	14519	**Transit Fleet Expansion/Replacement** - This project provides funding for replacement and expansion of the public transportation fleet. The fleet consists of 40' and 30' buses, vanpool vehicles, and AnchorRIDES paratransit vehicles. Vanpool and AnchorRIDES vehicles have a useful life of 4-years. People Mover buses have a 12-year useful life cycle. Based on the People Mover Blueprint and the LRTP for the Anchorage Bowl, fleet expansion is needed to grow the system annually. Funding in 2007 starts a two-year procurement process for replacement of 40' buses that will be put into service in 2008. Up to $300K annually is programmed for expansion/replacement of the vanpool fleet.	2006 - 2011 Purchase	$0	$3,000	$3,800	$0	$1,200	*$300*	*$2,600*	*$5,600*	*$16,500*
w	15760	**Transit Stop Enhancement Program** - This program improves the safety, usability, and appearance of bus stops. Typical activities include minor construction projects, installation of transit furnishing, clearing and grubbing of landscaping, watering, planting, and snow and ice removal.	2006 - 2009 Implementation	$0	$170	$175	$180	$185	*$190*	*$195*	*$0*	*$1,095*
x	19436	**High-Priority Transportation Corridor (HPTC) Prototype Plan**--Advanced ITS technology exists that could enable certain transit routes to significantly reduce travel time (up to 30%) which should significantly increase ridership, especially if used in combination with an increase in frequency (as recommended in the LRTP). The HPTC Prototype Plan is intended to develop an implementation plan for one corridor in the Anchorage Bowl in order to test and evaluate this new technology prior to adopting them systemwide.	2007 - Plan	$0	$0	$150	$0	$0	*$0*	*$0*	*$150*	*$300*
y	19439	**ITS/ Automated Operating System** - Project continues automation of operation of public transportation systems. Phase III items include automated ticketing, smart fareboxes, web-based interfaces, and automated telephone system for the paratransit system. Phases I & II received CMAQ funding in the 2003 TIP.	2011+ - Implementation	$0	$0	$0	$0	$0	*$1,000*	*$0*	*$2,000*	*$3,000*
		subtotal FHWA/CMAQ Transit funding		$0	$4,340	$4,795	$1,850	$2,055	$3,160	$3,465	$8,250	$27,915
		Total Transit Program (FTA {5307+5309} + FHWA {CMAQ})		$6,333	$10,242	$10,597	$9,363	$8,784	$10,021	$9,443	$8,250	$70,133

Table 8. Other Federal, State and Local Funded Projects within AMATS Area
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID's	PROJECT DESCRIPTION	Project Phasing Plan	Source	Carryover	FEDERAL FISCAL PROGRAMMING YEAR ($,000) 2007	2008	2009	2010	2011	Estimated total needs after 2011	Total project cost 2006-2011
		Maritime Administration- (Transfers from FHWA) funding shown in the 2006-2011 program years is estimated and shown for illustrative purposes.		MARAD FHWA		$3,000	$3,000	$3,000	$3,000	$3,000	$0	$19,000
		Maritime Administration - (MARAD) (SAFETEA-LU) funding shown in the 2006-09 program years is authorized, program years 2010 -2011 is estimated.		MARAD SAFETEA LU		$12,700	$13,300	$14,100	$14,100	$14,100	$0	$80,500
		MARAD - (Transfers from FTA) funding shown in the 2006-2011 program years is estimated and shown for illustrative purposes.		MARAD FTA		$2,000	$2,000	$2,000	$2,000	$2,000	$0	$12,600
		MARAD - (Tranfers from Department of Defense (DOD)) funding shown in the 2006-2011 program years is estimated and shown for illustrative purposes.		MARAD DOD		$10,000	$10,000	$10,000	$10,000	$10,000	$0	$58,500
		MARAD - (Tranfers from Economic Development Administration (EDA)) funding shown in the 2006-2011 program years is estimated and shown for illustrative purposes.		MARAD EDA		$6,000	$0	$0	$0	$0	$0	$12,000
		Transportation Infrastructure Finance and Innovation Act (TIFIA) funding shown in 2007 is estimated and shown for illustrative purposes.		TIFIA		$15,100	$11,100	$11,300	$12,200	$300	$0	$50,000
		Project totals				$48,800	$39,400	$40,400	$41,300	$29,400	$0	$232,600
A	12259	**Recreational Trails for Alaska** - This program is administered by the Alaska Dept of Natural Resources, Division of Parks and Outdoor Recreation The program makes funds available through a competitive process for trails improvements. Funding estimate based on 2000 grant awards within AMATS area	2006-2008 Programming	NA		$45	$45	$0	$0	$0	$0	$135
B	19469	**Rail Extensions, signalization and remotely controlled power switches.**	2006 - 2008 Implementation	FRA		$10,000	$10,000	$0	$0	$0	$0	$30,000
C	20255	**Knik Arm Crossing Access Connections** - Design and construct approximately 2.5 miles of roadway behind the Port of Anchorage from the Northern terminus of the planned port expansion south through Government Hill and connecting to the A/C couplet to serve as an alternative access to the port and a primary access to the planned Knik Arm Crossing.	2007 - D/ROW 2008 - D/ROW/U/C 2009 - D/ROW/U/C	FHWA		$13,500	$39,500	$28,200	$10,600	$0	$0	$91,800
D	20256	**Knik Arm Crossing Toll Facilities** - Design and construct a crossing of Knik Arm between Anchorage and the Mat-Su Borough. Project will connect Point MacKenzie Road and the Port of Anchorage/Knik Arm Crossing Access Connections (project C shown above) Funding shown for project is Public Private Partenship, (PPP) private funds.	2007 - D/ROW 2008 - D/ROW/U/C 2009 - D/ROW/U/C	Private		$6,463	$143,464	$176,089	$117,684	$0	$0	$443,700
E		**Seward Highway Recreational Improvements** - This project will relocate and improve RV facilities in Alaska State Prks along the Seward Highway in conjunction with Seward Highway improvement projects Highway upgrade projects are phased over several years and will impact existing Alaska State Park facilities. The Highway upgrades include construction of rock quarries, separated pathways, and passing lanes in Chugach State Park, resulting in the relocation of various Park facilities	2007 - D	Earmark		$1,800	$0	$0	$0	$0	$0	$1,800
F	18786	**Bartlett Access Intersection Safety Improvements** - Improvements include channelized right turn pockets for Bartlett HS driveways. prep for future signal & potential internal circulation improvements.	2006 - C	Earmark	$500	$0	$0	$0	$0	$0	$0	$500
G	18130	**C Street Construction Phase IV** - ARRC crossing at Raspberry Road. Construction of project shown in Table 3, project # 12.	2006 - D	Earmark	$2,000	$0	$0	$0	$0	$0	$0	$2,000
H	18131	**Kincaid Park Trail Connection** - Project will construct approximately 1.5 miles of paved separated trail along Kincaid Park Acces Road connecting trails at Kincaid Chalet and Raspberry Road.	2006	Earmark	$900	$0	$0	$0	$0	$0	$0	$900
I	8466	**Ship Creek Improvements** - project would provide access road improvements to small boat harbor at Port of Anchorage and culvert at Ship Creek.	2006	Earmark	$1,000	$0	$0	$0	$0	$0	$0	$1,000
J	19470	**Ship Creek Improvements** - project would conduct a hydrology study of Coastal Trail extension to Ship Creek, design bank stabilization at Ship Creek and a watershed study of Ship Creek Drainage.	2006	Earmark	$2,000	$0	$0	$0	$0	$0	$0	$2,000
K	19474	**Anchorage Traffic Congestion Relief** - funding for priority projects which may include Lake Otis Parkway and Tudor Road intersection.	2006	Earmark		$2,000	$2,000	$2,000	$0	$0	$0	$10,000
L	19480	**Ferry between Port of Anchorage and Point McKenzie**	2006	Earmark		$1,000	$1,000	$1,000	$0	$0	$0	$5,000
M	19478	**C Street Expanded Bus Facility & Intermodal Parking Garage**	2006	Earmark		$1,200	$1,300	$1,350	$0	$0	$0	$5,000
N	19479	**Alaska Native Medical Center Intermodal Parking Facility**	2006	Earmark		$1,200	$1,300	$1,350	$0	$0	$0	$5,000

Earmark appropriations will be 85% of the total in SAFETEA-LU

Table 8. Other Federal, State and Local Funded Projects within AMATS Area
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID's	PROJECT DESCRIPTION	Project Phasing Plan	Source	FEDERAL FISCAL PROGRAMMING YEAR ($,000) Carryover	2007	2008	2009	*2010*	*2011*	Estimated total needs after 2011	Total project cost 2006-2011
O	19481	**Providence Hospital Public Access Road** - project to finish work on Piper Street Project. $600K of '06 funding is from '05. **This project is not included in the Air Quality conformity analysis for the 06-08 TIP.**	2006	Earmark		$600	$600	$600	*$0*	*$0*	$0	*$3,000*
P	19482	**Construction & Road Improvements @ APU. This project is not included in the Air Quality conformity analysis for the 06-08 TIP.**	2006	Earmark		$1,200	$1,200	$1,200	*$0*	*$0*	$0	*$6,000*
Q	19483	**Transportation improvements to the Creekside Development - (Creekside Towncenter Road Improvements Phase II** - Muldoon Middle School Access.)	2006	Earmark		$600	$600	$600	*$0*	*$0*	$0	*$3,000*
R	19484	**Cook Inlet Tribal Council non-profit Services Center Intermodal Parking Facility** - Improvements planned for intersection of DeBarr Rd and Bragaw St.	2006	Earmark		$720	$780	$810	*$0*	*$0*	$0	*$3,000*
S	19485	**Dimond Center Intermodal Parking Facility** - upgrade existing transit center, including but not limited to design, engineering, permitting and construction.	2006	Earmark		$600	$600	$600	*$0*	*$0*	$0	*$3,000*
T	19486	**National Veterans' Wheelchair Games** - handicapped and pedestrian access construction, surfacing and other improvements for the National Veterans' Wheelchair Games for 2006.	2006	Earmark		$400	$400	$400	*$400*	*$0*	$0	*$2,000*
U	19487	**Anchorage Transit Needs**	2006	Earmark		$298	$324	$342	*$0*	*$0*	$0	*$1,250*
V	19488	**Intermodal Parking Facility at Port of Anchorage**	2006	Earmark		$11,400	$11,400	$11,400	*$0*	*$0*	$0	*$57,000*
W	18852	**Bragaw and Glenn Intersection** - 2005 State general fund appropriation will provide a separated grade intersection with bike and pedestrian facilities. Roundabouts are a possible option.	2006 - D 2007 - ROW 2008 - 09 - U/C	State GF		$12,000	$18,500	$0	*$0*	*$0*	$0	*$30,500*
X	18842	**East Dowling Road Extension and Reconstruction** - 2005 State general fund appropriation to widen and reconstruct Dowling Road as a 4-lane roadway from Lake Otis Parkway to Norm Drive. New construction of Dowling Road between Norm Drive and the proposed Abbott Loop Road.	2006 - D 2007 - ROW 2008 - C	State GF		$1,200	$16,300	$0	*$0*	*$0*	$0	*$19,000*
Y	19476	**Tudor and Bragaw Intersection** - 2005 State general fund appropriation will provide intersection improvements at Tudor Road and Bragaw St	2006 - D 2008 - C	State GF		$0	$5,000	$0	*$0*	*$0*	$0	*$5,000*
Z	19489	**Glenn Highway Hightower Lighting**	2006 - D/C	State GF		$0	$0	$0	*$0*	*$0*	$0	*$2,700*
AA	19490	**Alaska Native Medical Center Intermodal Parking Facility**		Earmark	$2,000	$0	$0	$0	*$0*	*$0*	$0	*$2,000*
BB	19477	**Port of Anchorage Intermodal Facility** (2004 Earmark)		Earmark	$1,500	$0	$0	$0	*$0*	*$0*	$0	*$1,500*
CC	19516	**Veterans Wheelchair Olympic Games**		Earmark	$198	$0	$0	$0	*$0*	*$0*	$0	*$198*
DD	19517	**Alaska Museum/ Transit Intermodal Depot**		Earmark	$1,822	$0	$0	$0	*$0*	*$0*	$0	*$1,822*
EE		**Camp Gorsuch Road and Related Improvements**	2007 - C	Earmark		$440	$0	$0	*$0*	*$0*	$0	*$440*
FF	19475	**Anchorage Paratransit and Disability Improvements** (2005 Earmark)		Earmark	$1,822	$0	$0	$0	*$0*	*$0*	$0	*$1,822*
TOTALS - Other Federally or State funded Improvements within the AMATS Area - (Note: Table is not shown in priority order. These projects have not been ranked).					$13,742	$115,466	$293,713	$266,341	$169,984	$29,400	$0	$977,617

Table 9. NATIONAL HIGHWAY SYSTEM (NHS) and non-NHS IMPROVEMENTS
Outside AMATS, Within the Municipality of Anchorage
AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

	STIP Need ID #	PROJECT LOCATION	PROJECT PHASING PLAN	Source	FEDERAL FISCAL PROGRAMMING YEAR ($,000) Carryover	10/05 - 09/06 2006	10/06 - 09/07 2007	10/07 - 09/08 2008	10/08 - 09/09 2009	10/09 - 09/10 2010	10/10 - 09/11 2011	Estimated funding needs after 2011	Estimated total project cost
a	11439	**Whittier Maintenance and Operations** - Federal-aid eligible portion of Whittier tunnel and approaches, maintenance and operations.	2006-2008 - M&O		$0	$2,000	$2,000	$2,000	$2,000	*$2,000*	*$2,000*	*$8,000*	*$20,000*
b	19496	**Anchorage to Girdwood ITS Project**	2006 - D		$0	$480	$0	$0	$0	*$0*	*$0*	*$0*	*$480*
c	19261	**Olympic Circle Road Paving in Girdwood**		Congressional Earmark	$0	$200	$100	$100	$100	*$0*	*$0*	*$0*	*$500*
d	19495	**Transportation Needs for Glacier/ Winner Creek Development**		Congressional Earmark	$0	$400	$200	$200	$200	*$0*	*$0*	*$0*	*$1,000*
e	2311	**Winner Creek Trail Improvements** near Girdwood		Congressional Earmark	$1,000	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$1,000*
f	17701	**Girdwood Roadway and Drainage Improvements** - Funds to implement various transportation and drainage improvements within Girdwood.		Congressional Earmark	$10,000	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$10,000*
g	6129	**Iditarod Historic National Trail** - USFS improvements to trail system		Congressional Earmark	$750	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$750*
h	19274	**Girdwood Transportation Center**		Congressional Earmark	$1,200	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$1,200*
i	19494	**Girdwood Project**		Congressional Earmark	$1,000	$0	$0	$0	$0	*$0*	*$0*	*$0*	*$1,000*
		The contingency list of projected for each year will consist of the following year's projects.	**ANNUAL TOTALS**		$13,950	$0	$0	$0	$0	$0	$0	$0	$35,930

Table 10
Pavement Replacement Program (See Table 3) AMATS FFY 2006-2009 Public Review Draft TIP (April 2007)

2006-2008 TIP, Pavement Replacement Projects, {see Table 3}			10/05 - 09/06	10/06 - 09/07	10/07 - 09/08	10/08 - 09/09	10/09 - 09/10	10/10 - 09/11		
Priority	Project Location	Project Phasing	2006	2007	2008	2009	*2010*	*2012*	2012+	Estimated Total funding
									$0	$0
	Pavement Replacement Annual Totals shown in Table 3		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	$0

Table 11
Safety Improvement Program AMATS FFy 2006-2009 Public Review Draft TIP
(April 2007) [See Table 3, Project 5]

2006-2009 TIP, Safety Improvement Projects {see Table 3, # 4)				10/05 - 09/06	10/06 - 09/07	10/07 - 09/08	10/08 - 09/09	10/09 - 09/10	10/10 - 09/11		
Priority	STIP Need Id's	Project	Project Phasing	2006	2007	2008	2009	2010	2011	2012+	Est. Total funding
1	17998	Safety Database System - This system would house accident information, volume data and statistical traffic figures to be used to improve safety with the MOA.	**2006 - Implementation**	$700	$0	$0	$0	*$0*	*$0*	*$0*	$700
2	19518	Traffic Counts - Collect traffic data within the AMATS area completed by the ADOT&PF's Central Region Highway Data Section and the MOA Traffic Department Data Section.	**2006-2011 Programming**	$200	$200	$200	$200	*$200*	*$200*	*$0*	$1,200
		HSIP Annual Totals shown in Table 3		$900	$200	$200	$200	$200	$200	$0	$1,900

AR 2007-147

Content Information

Content ID : 005155
Type: AM_OtherServices - Other Services Memorandum
Title: 2006-2009 Transportation Improvement Program
Author: klundertg
Initiating Dept: Traffic
Description: Amendment to the 2006-2009 Transportation Improvement Program.
Keywords: TIP, Transportation Improvement Program
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CONSENT AGENDA - **INTRODUCTION**