

**Table 1. Total Four-Year Program Summary**  
**AMATS FFY 2011-2014 TIP Administrative Modification 11**

TRANSPORTATION IMPROVEMENTS	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)				4-year total	% of 4-year Non-NHS \$	% of 4-year TIP total for ALL federal funds in MOA and AMATS
	2011*	2012*	2013	2014			
AMATS Highway Safety Improvement Program (HSIP) Set Aside (Table 2)	\$4,192	\$4,337	\$34,655	\$15,968	\$59,152		
<b>Non-National Highway System</b>							
Roadway Improvements (Table 3)	\$29,853	\$33,377	\$30,273	\$19,851	\$113,354	86%	34%
Pavement Replacement (Funding is already included in Table 3)	\$1,939	\$0	\$4,900	\$3,040	\$9,879	8%	1%
Transportation Enhancements (Table 4)	\$4,564	\$7,004	\$1,105	\$2,800	\$15,473	12%	5%
STIP Non-National Highway System Allocation from ADOT&PF's CTP(STP), + TRAAK(STP) programs [as of 2/13]	\$35,510	\$34,931	\$25,031	\$25,031	\$120,503		
Amount over or (-under) CTP+TRAAK funding allocation level	(\$1,093)	\$5,450	\$6,347	(\$2,380)	\$8,324		
Congestion Mitigation & Air Quality (Table 5)	\$4,100	\$3,820	\$3,220	\$3,580	\$14,720	11%	4%
STIP Non-National Highway System Allocation from ADOT&PF's CMAQ program [as of 2/13]	\$2,000	\$1,378	\$1,500	\$1,200	\$6,078		
Amount over or (- under) CMAQ funding allocation level	\$2,100	\$2,442	\$1,720	\$2,380	\$8,642		
Previously Programmed Projects Utilizing Funding / Deobligations	-\$1,007	-\$2,993	-\$8,067	\$0	-\$12,067	-9%	-4%
<b>Non-National Highway System Subtotal for Non-NHS roads, transportation enhancements, CMAQ projects (not including HSIP Set Aside and AMATS NHS and Non-NHS Pavement)</b>	<b>\$37,510</b>	<b>\$41,208</b>	<b>\$26,531</b>	<b>\$26,231</b>	<b>\$131,480</b>	<b>100%</b>	<b>40%</b>
STIP Non-NHS Allocation for all projects (not including HSIP Set-Aside & AMATS Pavement/Refurbish Program)	\$37,510	\$36,309	\$26,531	\$26,231	\$126,581		
Amount over or (-under) funding allocation level for all Non-National Highway System projects for roads, transportation enhancements, CMAQ projects.	\$0	\$4,899	\$0	\$0	\$4,899		
<b>National Highway System (Table 6)</b>	<b>\$60,458</b>	<b>\$3,342</b>	<b>\$21,237</b>	<b>\$20,816</b>	<b>\$105,853</b>		<b>32%</b>
Transit Capital FTA Section 5307 to MOA (Table 7)	\$6,298	\$6,173	\$6,872	\$6,915	\$26,258		8%
Transit Capital FTA Section 5307 to ARRC (Table 7)	\$871	\$885	\$1,584	\$2,918	\$6,258		2%
Transit Capital FTA Section 5337 {State of Good Repair} to ARRC (Table 7)	\$615	\$615	\$1,300	\$615	\$3,145		1%
<b>TOTAL PROGRAM ALLOCATIONS = (Non-NHS + NHS+ HSIP Set Aside + AMATS Pavement/Bridge Refurbish.+ all FTA 5307, 5337 and 5309)</b>	<b>\$109,944</b>	<b>\$56,560</b>	<b>\$92,179</b>	<b>\$73,463</b>	<b>\$332,146</b>		<b>100%</b>
Other Federal Funded Projects within AMATS (Table 8)	\$73,376	\$41,920	\$140,411	\$671,498	\$927,205		
National Highway System Improvements Outside AMATS boundaries, but within the MOA (Table 9)	\$8,653	\$9,154	\$9,737	\$14,697	\$42,241		
<b>TOTAL FEDERAL FUNDING for Transportation Improvements within AMATS &amp; the MOA</b>	<b>\$191,973</b>	<b>\$107,634</b>	<b>\$242,327</b>	<b>\$759,658</b>	<b>\$1,301,592</b>		

\*- FFY 2011 & 2012 shown for illustrative purposes only. See Final FFY 2012 Obligation Report for final numbers.

Notice to MOA Project Managers / Project Sponsors! If your project includes ITS elements and uses funds from the federal highway trust fund, prior to acquisition, construction, or implementation, you must demonstrate compliance with federal Systems Engineering Analysis requirements. Complete the ADOT&PF Systems Engineering Analysis Checklist, link below, and submit to FHWA through ADOT&PF Central Region Planning.

**Table 2. Highway Safety Improvement Program (HSIP)  
AMATS FFY 2011-2014 TIP Administrative Modification 11**

	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR						Estimated funding needs after 2016	Est total project cost
			10/10-9/11	10/9/12	10/12-9/13	10/13- 9/14	10/14- 9/15	10/15- 9/16		
			2011	2012	2013	2014	2015	2016		
1	DeBarr Rd: Bragaw St to Hoyt St Channelization & Pedestrian Improvements	2011/12 - C	\$765	\$119	\$0	\$0	\$0	\$0	\$0	\$884
2	Jewel Lk Road: 63rd Ave to Old International Airport Channelization Improvements	2010 - U/C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,500
3	International Airport Rd @ Jewel Lk Road Channelization Improvements	2010 - U/C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,732
4	16th Ave @ A St Channelization Improvements	2012 - C	\$0	\$0	\$308	\$0	\$0	\$0	\$0	\$598
5	Bragaw St @ 16th Ave 5 Lane	2012 - ROW 2013 - U/C	\$0	\$124	\$2,154	\$0	\$0	\$0	\$0	\$2,278
6	Northern Lights Blvd @ UAA Drive	2013 - R/U/C	\$0	\$0	\$1,447	\$0	\$0	\$0	\$0	\$1,447
7	36th Avenue: C St to Arctic Blvd 5 Lane Conversion / Arctic Blvd @ Potter Drive Channelization and Sight Distance Improvements	2012 - U/C	\$0	\$2,700	\$0	\$0	\$0	\$0	\$0	\$2,700
8	Lake Otis Parkway @ 68th Avenue Channelization Improvements	2011 - D 2013 - R/U/C	\$820	\$0	\$2,420	\$0	\$0	\$0	\$0	\$3,240
9	36th Avenue @ Latouche Street Intersection Improvements	2011 - D 2012 - U/C	\$65	\$0	\$0	\$140	\$0	\$0	\$0	\$205
10	Son of Downtown Anchorage Curb Bulb Project	2011 - D 2013 - C	\$175	\$0	\$2,066	\$0	\$0	\$0	\$0	\$2,241
11	Jewel Lake Road @ Raspberry Road East-West Dual Left Turn Lanes Project	2011 - D 2013 - U/C	\$120	\$0	\$689	\$0	\$0	\$0	\$0	\$809
12	Ingra Street: 4th Avenue to 3rd Avenue Channelization Improvements	2011 - D 2013 - R/U/C	\$120	\$0	\$861	\$0	\$0	\$0	\$0	\$981
13	34th Avenue @ Old Seward Highway Channelization Improvements	2011 - D 2013 - U/C	\$120	\$0	\$603	\$0	\$0	\$0	\$0	\$723
14	International Airport Road @ Old Seward Highway Channelization Improvements	2010/11 - U/C	\$192	\$0	\$0	\$0	\$0	\$0	\$0	\$192
15	Municipality of Anchorage Flashing Yellow Arrow Project	2012 R/U/C	\$0	\$0	\$2,816	\$0	\$0	\$0	\$0	\$2,816
16	C Street Railroad Queue Detector Project	2011/12 U/C	\$0	\$0	\$542	\$0	\$0	\$0	\$0	\$542
17	1950 Gambell Street Utility Pole Relocation Project	2013 - U/C	\$0	\$875	\$0	\$0	\$0	\$0	\$0	\$875
18	Central Region Traffic Signal Modifications, 2011 (1 of 4 locations outside of MOA. Costs shown are for 3 MOA locations only. Total cost is \$2,393,000.00.)	2011 - D 2013 - C	\$509	\$0	\$2,238	\$0	\$0	\$0	\$0	\$2,747
19	Glenn Highway Moose-Vehicle Crash Mitigation	2011 - D 2016 - C	\$706	\$0	\$0	\$0	\$0	\$5,815	\$0	\$6,521
20	Minnesota Drive Moose-Vehicle Crash Mitigation	2011 - D 2013 - C	\$600	\$0	\$3,991	\$0	\$0	\$0	\$0	\$4,591
21	Huffman Rd & Elmore Rd OH Beacon, STOP upgrades	2014 - U/C	\$0	\$70	\$0	\$320	\$0	\$0	\$0	\$390
22	Dearmoun Rd & Elmore Rd OH Beacon	2014 - U/C	\$0	\$70	\$0	\$375	\$0	\$0	\$0	\$445
23	Rabbit Crk Rd & Goldenview Dr OH Beacon	2014 - U/C	\$0	\$71	\$0	\$285	\$0	\$0	\$0	\$356
24	Turpin Rd & Boundary Ave OH Beacon	2014 - U/C	\$0	\$71	\$0	\$290	\$0	\$0	\$0	\$361
25	Glenn Hwy/Muldoon Rd Interchange Half Signals	2014 - U/C	\$0	\$237	\$0	\$1,867	\$0	\$0	\$0	\$2,104
26	Muldoon Road Channelization Improvements: 11th Court to Boundary Ave	2014 - D	\$0	\$0	\$0	\$288	\$0	\$3,535	\$0	\$3,823
27	O'Malley Road @ Elmore Road Intersection Improvements	2014 - U/C	\$0	\$0	\$70	\$270	\$0	\$0	\$0	\$340
28	C Street Advance Train Warning System	2013 - D 2014 - U/C	\$0	\$0	\$105	\$300	\$0	\$0	\$0	\$405
29	C St Railroad Crossing - Pathway Traffic Control Devices	2013 - D 2014 - U/C	\$0	\$0	\$21	\$240	\$0	\$0	\$0	\$261
30	Klatt Rd & Johns Rd Intersection Improvements	2010 - D 2014 - U/C	\$0	\$0	\$276	\$3,460	\$0	\$0	\$0	\$3,736
31	Statewide Railroad Crossing Surface Upgrades (13 of 19 locations outside of MOA. Estimated costs shown are for 6 MOA locations only. Total cost is \$5,224,000.00.)	2013 - D/U/C	\$0	\$0	\$275	\$0	\$0	\$0	\$0	\$275
32	Glenn Highway Continuous Lighting, MP 27-31	2013 - D/U/C	\$0	\$0	\$9,231	\$0	\$0	\$0	\$0	\$9,231
33	Regional High Friction Surface Treatment Project (The dollar amount shown is for the entire Cental Region, about 50% or \$4,741 is within the AMATS area)	2014 - D 2015 - C				\$524	\$8,958			\$9,482
34	Statewide Truck Mounted Attenuator Upgrade	2014 - C				\$1,576				\$1,576

**Table 2. Highway Safety Improvement Program (HSIP)  
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PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR						Estimated funding needs after 2016	Est total project cost
		10/10-9/11	10/9/12	10/12-9/13	10/13 - 9/14	10/14 - 9/15	10/15 - 9/16		
		2011	2012	2013	2014	2015	2016		
35	Statewide RR Xing 2013-2015 ARRC			\$4,542					\$4,542
36	Jewel Lake Road: 88th St to Strawberry TWLTL				\$1,104		\$3,950		\$5,054
37	University Medical District (UMED) Transit and Pedestrian Improvements Lake Otis Rd to Elmore Phase IV				\$2,021				\$2,021
38	Central Region Sign Assembly Compliance Improvement				\$288	\$3,625			\$3,913
39	Central Region Crash Cushions Upgrade				\$2,620				\$2,620
<b>Annual Totals</b>		<b>\$4,192</b>	<b>\$4,337</b>	<b>\$34,655</b>	<b>\$15,968</b>	<b>\$12,583</b>	<b>\$13,300</b>	<b>\$0</b>	<b>\$92,557</b>

**Table 3. Roadway Improvements**  
**AMATS FFY 2011-2014 TIP Administrative Modification 11**

STIP Need ID's	Project AKSAS #	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)				Est funding needs after		Estimated total project cost 2011-2016		
				2011	2012	2013	2014	2015	2016			
				10/10-9/11	10/11-9/12	10/12-9/13	10/13- 9/14	10/14- 9/15	10/15- 9/16			
G-1	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. Construction funding in 2012 is state grant funding. Design funding in 2011 is from AMATS allocation.	2011 - D/U/C	\$649	\$0	\$0	\$0	\$0	\$0	\$0	\$649
G-2	6499	53933 51920	Huffman Road Reconstruction [Old Seward Highway to Pintail St] - project will increase from 2 to 4 lanes from Old Seward to Lake Otis 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.	2010/11 - U/C	\$96	\$2,599	\$0	\$0	\$0	\$0	\$0	\$2,695
G-3	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. \$13.1M in 2013 is A/C into 2012.	2011 - D 2012 - U/C	\$337	\$27,059	\$0	\$0	\$0	\$0	\$0	\$27,396
G-4	14480	52515 50946	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. Funding in 2010 supplements \$13M in Economic Stimulus funds.	2010/11 - U/C	\$3,079	\$401	\$0	\$0	\$0	\$0	\$0	\$3,480
G-5	2159	53935 53804	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. \$4.3M in ROW funding for Phase I in 2014. \$23.5M in U/C funding for Phase I in 2015 is A/C into 2014. Phase II is funded with FFY 2013 GO Bond = \$15M.	2014 ROW	\$0	\$0	\$0	\$4,300	\$23,500	\$0	\$0	\$27,800
G-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.	2016+ - ROW/U/C	\$0	\$0	\$0	\$0	\$0	\$0	\$8,422	\$8,422
	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. Individual projects are listed in Table 10 - Pavement Replacement Projects.	2011 - 14 Programming	\$1,939	\$0	\$4,900	\$3,040	\$3,900	\$2,500	\$2,500	\$18,779
1	19574	58544	Glenn Highway to Seward Highway (H2H) Connection Reconnaissance Study - The purpose of the Highway-to-Highway project is to improve mobility and access for people and goods using the arterial connection between the Seward and Glenn Highways. The H2H project will address the following transportation needs: reducing congestion, improving travel efficiency, neighborhood connections, safety, and multimodal connections for existing and future conditions in the project corridor. Additional NHS funding shown in Table 6. , project 2.	2006 - Recon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	8499	50898 51030	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 C Street to Old Seward Highway. Phase II also includes \$6.8M in earmark funding shown in Table 8.	2011 - U/C 2013 - U/C	\$23,498	(\$804)	\$25,000	\$11,616	\$0	\$0	\$0	\$59,310
3	18206	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.	2016+ - D/ROW/C	\$0	\$0	\$0	\$0	\$0	\$34,900	\$0	\$34,900
4		51838	Northern Access to Univ-Medical District Reconnaissance Study [Providence Dr to Northern Lights Blvd] Evaluate access and circulation needs of the U-Med District, with a focus on the need for access from the north.	PE - 2009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	16582	55138 53986	Spenard Road Rehabilitation [Minnesota Dr to Benson Blvd]- project will rehabilitate to improve traffic flow. Includes Spenard Rd/ 36th Ave couplet. Landscaping @ 5% of Construction \$ = to be determined.	2016+ - D/ROW/U/C	\$0	\$0	\$0	\$0	\$0	\$17,840	\$0	\$17,840
6	19518		Safety Improvement Program (Traffic Count support) - Collect traffic data within the AMATS area completed by the ADOT&PF's Central Region Highway Data Section and MOA Traffic Department Data Section.	2011 - 14 Programming	\$255	\$622	\$373	\$470	\$475	\$475	\$0	\$2,670
7	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. \$1.5M in ROW funding is A/C from 2015 into 2014	2012 - D 2014 - ROW 2016 - U/C	\$0	\$2,500	\$0	\$0	\$1,500	\$22,700	\$0	\$26,700
8	17441		C Street Construction Phase IV - Alaska Railroad Crossing at Raspberry Road - see Table 8, project "5" for a section 115 earmark that funds the Design.	2016+ - ROW/U/C	\$0	\$0	\$0	\$0	\$0	\$0	\$23,500	\$23,500

**Table 3. Roadway Improvements**  
**AMATS FFY 2011-2014 TIP Administrative Modification 11**

STIP Need ID's	Project AKSAS #	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)				Est funding		Estimated			
				10/10-9/11	10/11-9/12	10/12-9/13	10/13 - 9/14	10/14 - 9/15	10/15 - 9/16	needs after	total project		
				2011	2012	2013	2014	2015	2016	2016	cost 2011-2016		
9	2336	53945	<b>Eklutna River Bridge Rehabilitation/Replacement at Old Glenn Highway</b> - 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.	2016+ - ROW/U/C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	26830		<b>South Anchorage Hillside Intersection Study</b> - Conduct a study of the unsignalized intersections on the hillside and south Anchorage. The study shall recommend intersections improvements, identify which projects should be grouped together, signal progression needs, possible development issues, and project prioritization.	P&R - 2012	\$0	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$500
11	26869		<b>Driftwood Bay Drive Study</b> - This study would determine the necessity for and location of a collector connection between the east end of Driftwood Bay Drive and Eagle River Road past the bend where it turns to the southeast. There is interest by landowners in subdividing land in this area, and the Municipality should establish the route of any needed collectors before the land is subdivided.	P&R - 2013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	26831		<b>Regional Household Travel Survey</b> - Conduct a Regional Household Travel Survey to gather information on travel behaviors and patterns of the households in the region.	P&R - 2012	\$0	\$500	\$0	\$175	\$0	\$0	\$0	\$0	\$075
13	27189		<b>Freight Mobility Study</b> - Develop a plan that will guide the orderly growth, improvement and funding future development of safe freight corridors, routes, access, and intermodal/distribution facilities. Furthermore, this project will examine regional freight movements, patterns, origins and destinations.	P&R - 2014	\$0	\$0	\$0	\$250	\$0	\$0	\$0	\$0	\$250
			<b>The contingency list of projects for each year will consist of the following year's projects.</b>	<b>ANNUAL TOTALS</b>	\$29,853	\$33,377	\$30,273	\$19,851	\$29,875	\$79,065	\$38,422	\$260,716	
			STIP ALLOCATIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of June 2012] = CTP + TRAAK + CMAQ. (Not including HSIP set aside and AMATS Pave/Bridge refurbish program).		\$37,510	\$36,309	\$26,531	\$26,231	\$24,955	\$24,955		\$176,491	
			Approximate percentage (%) for roadways		74%	92%	96%	64%			4-year Average=	82%	
			Approximate percentage (%) for pavement replacement projects		5%	0%	18%	12%			4-year Average=	8%	

**Table 4. Transportation Alternatives (TA)  
AMATS FFY 2011-2014 TIP Administrative Modification 11**

STIP Need ID's	Project #	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2016	Estimated total project cost 2011 - 16	
				10/10-9/11	10/11-9/12	10/12-9/13	10/13 - 9/14	10/14 - 9/15	10/15 - 9/16			
				2011	2012	2013	2014	2015	2016			
2256		<b>Chester Creek Trail Connection repayment of advance construction.</b>	2012 - D/U/C	\$0	\$259	\$0	\$0	\$0	\$0	\$0	\$0	\$259
G-1 2205	53677 56530	<b>Muldoon Road Landscaping and Pedestrian Improvements</b> (Regal Mountain to Bartlett Dr) - This funding will construct additional pedestrian amenities and minimal landscaping for the remainder of the corridor from DeBarr Road to Boundary Avenue.	2011 - U/C	\$4,214	\$0	\$105	\$0	\$0	\$0	\$0	\$0	\$4,319
G-2 14487	55659	<b>Glenn Highway Trail Rehabilitation</b> [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.	2012 - U/C	\$0	\$6,695	\$0	\$0	\$0	\$0	\$0	\$0	\$6,695
14486	53621	<b>Anchorage Areawide Trails Rehabilitation</b> - 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 will also be used to update the existing Anchorage Areawide Trails Plan.	2011/12 - D/C 2014/15 - D/U/C	\$150	\$0	\$0	\$500	\$1,000	\$0	\$0	\$0	\$1,650
1 26628	53619	<b>Bicycle Plan Project Implementation</b> - Project would sign, stripe and mark bike lanes or shoulders on existing roadways within the AMATS boundary area to create a safe, connected network of bicycle facilities as identified in the Anchorage Bicycle Plan.	2011/12 - D/C 2013 - D/U/C 2014 - D/U/C	\$100	\$0	\$1,000	\$1,300	\$0	\$0	\$0	\$0	\$2,400
2 26629		<b>Pedestrian Plan Project Implementation</b> - Project would improve pedestrian safety and construct missing links as identified in the 2007 Anchorage Pedestrian Plan.	2011/12 - D/C 2014 - D/U/C	\$100	\$50	\$0	\$1,000	\$0	\$0	\$0	\$0	\$1,150
3 2296	55715	<b>Eagle River Greenbelt Access and Pathway</b> - 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.	2016+ - PE/D/ROW/U/C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,250	\$22,250
4 18124		<b>Campbell Creek Trail Grade Separation</b> [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.	2016+ - PE/D/ROW/U/C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000
		<b>The contingency list of projects for each year will consist of the following year's projects.</b>		\$4,564	\$7,004	\$1,105	\$2,800	\$1,000	\$0	\$27,250	\$43,723	
		STIP ALLOCATIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of June 2012] = CTP + TRAAK + CMAQ. (Not including HSIP set aside and AMATS Pave/Bridge refurbish program).		\$37,510	\$36,309	\$26,531	\$26,231	\$24,955	\$24,955		\$176,491	
		Approximate percentage (%) for all Transportation Alternatives (TA) projects		12%	19%	4%	11%			4-year Average=	12%	
		Approximate percentage (%) of TA funds specifically for trail improvement projects		0%	1%	0%	2%			4-year Average=	1%	
		Approximate percentage (%) of TA funds specifically for roadway type enhancements		12%	19%	4%	9%			4-year Average=	12%	

**Table 5. Congestion Mitigation Air Quality (CMAQ)  
AMATS FFY 2011-2014 TIP Administrative Modification 11**

STIP Need ID's	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est. funding needs after 2016	Estimated total project costs 2011-16					
			10/10-9/11	10/11-9/12	10/12-9/13	10/13- 9/14	10/14- 9/15	10/15- 9/16							
			2011	2012	2013	2014	2015	2016							
<b>SIP-Mandated Projects and Programs</b>															
1	2273	<b>Anchorage Ridesharing/ Transit Marketing</b> - 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.	2011-14 Programming	\$720	\$720	\$720	\$820	\$730	\$730	\$0	\$4,440				
2	8385	<b>Air Quality Public &amp; Business Awareness Education Campaign</b> - The goal of this program is to further inform the public about air quality issues and what steps people may take to reduce pollution.	2011-14 Programming	\$300	\$300	\$300	\$75	\$300	\$300	\$300	\$1,875				
<b>Section Totals</b>				\$1,020	\$1,020	\$1,020	\$895	\$1,030	\$1,030	\$300	\$6,315				
<b>Studies and Plans</b>															
1	24817	<b>Anchorage Regional ITS Architecture Update</b> - The Update will include a review of changes to both Architectures since 2004, and make recommended changes to the MOA Architecture. The Update will also include interviews with major stakeholders to determine what new ITS applications need to be included in the Architecture. This Update will also incorporate recommendations for ITS in the adopted Anchorage Bowl 2025 LRTP into the ITS Implementation Plan, and conversion of the current format of the Architecture using Turbo-Architecture software, that is also consistent with the state and federal ITS Architectures.	2010 - Plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
2	24818	<b>Consolidated Municipality of Anchorage MTP</b> - Funding for the consolidated Municipality of Anchorage Metropolitan Transportation Plan.	2010, 11 - Plan 2013 - Plan	\$500	\$0	\$600	\$900	\$0	\$0	\$0	\$2,000				
<b>Section Totals</b>				\$500	\$0	\$600	\$0	\$0	\$0	\$0	\$2,000				
<b>Programs</b>															
1	24819	<b>Arterial Roadway Dust Control</b> - Magnesium chloride (MgCl2) dust palliative will be applied to approx 70 miles of high volume State and municipal roadways prior to and immediately after spring sweeping.	2010-13 Implementation	\$200	\$200	\$0	\$0	\$0	\$0	\$0	\$400				
2	18126	<b>Traffic Control Signalization</b> -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.	2011-14 Programming	\$250	\$350	\$350	\$350	\$350	\$350	\$350	\$2,350				
4	19457	<b>Bus Stop &amp; Facility Improvements</b> -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. Table 5 CMAQ funds supplement FTA funds in project 4 on Table 7. Total project cost in FY2013 is \$510K. <del>FY2014 is \$490K.</del>	2011 - 2014 Implementation	\$190	\$200	\$200	\$510	\$210	\$210	\$210	\$1,730				
<b>Section Totals</b>				\$640	\$750	\$550	\$860	\$560	\$560	\$560	\$4,480				
<b>Projects</b>															
1	14519	<b>Transit Fleet Expansion/Replacement/Operations</b> - This project provides funding for replacement, and expansion and potential operational funds of the public transportation fleet. The fleet consists of 40' 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 2035 MTP, fleet expansion, service and operations are needed to grow the system annually.	2011 - 2014 Purchase	\$1,940	\$2,050	\$1,050	\$1,825	\$2,000	\$1,000	\$1,000	\$10,865				
2	17861	<b>Transit Centers/Facilities</b> - This project supports an on-going effort to provide major transit facilities including, but not limited to at town centers and major destinations. The Anchorage 2020 and the 2035 MTP 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. Existing and future facility improvements in Midtown, Downtown, and U-Med, Dimond Center and Muldoon areas are vital to the implementation of these community planning documents.	2013 - D/ROW/U/C	\$0	\$0	\$0	\$0	\$0	\$1,187	\$0	\$1,187				
<b>Section Totals</b>				\$1,940	\$2,050	\$1,050	\$1,825	\$2,000	\$2,187	\$1,000	\$12,052				
<b>The contingency list of projects for each year will consist of the following year's projects.</b>				<b>ANNUAL TOTALS</b>				\$4,100	\$3,820	\$3,220	\$3,580	\$3,590	\$3,777	\$1,860	\$24,847
STIP ALLOCATIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of June 2012] = CTP + TRAAK + CMAQ, (Not including HSIP set aside and AMATS Pav/Bridge refurbish program).				\$37,510	\$36,309	\$26,531	\$26,231	\$24,955	\$24,955	6 year total=	\$253,241				
Approximate percentage (%) for all for Congestion Mitigation/Air Quality (CMAQ) projects				11%	11%	12%	14%	14%	15%	4-year Average=	12%				

Notice to MOA Project Managers / Project Sponsors! If your project includes ITS elements and uses funds from the federal highway trust fund, prior to acquisition, construction, or implementation, you must demonstrate compliance with federal Systems Engineering Analysis requirements. Complete the ADOT&PF Systems Engineering Analysis Checklist, link below, and submit to FHWA through ADOT&PF Central Region Planning.

**Table 6. National Highway System (NHS)**  
**AMATS FFY 2011-2014 TIP Administrative Modification 9**

	STIP	Project	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)				Est funding needs after 2014	Estimated total project cost 2011-15
	Need	#			10/10-9/11	10/11-9/12	10/12-9/13	10/13-9/14		
	ID's				2011	2012	2013	2014		
	22656	51945	<b>Glenn Hwy Rut Repair</b> - Airport Hts to Hiland Rd Pavement Replacement. Project funded in 2009 using Economic Stimulus funding.		\$0	\$0	\$0	\$0	\$0	\$0
<b>1</b>	22675	51945	<b>Central Region Rut Repairs for Gasline Prep</b> - Glenn Hwy, Airport Heights to Parks Interchange. Implementation funding in 2010 previously obligated in 2009.		\$0	\$0	\$0	\$0	\$0	\$0
<b>2</b>	2201 2202	52503 50816 53626	<b>Seward Highway</b> [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 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 facilities. 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.	2011 - D/U/C 2013 - ROW 2015+ - U/C	\$60,458	\$0	\$10,200	\$0	\$89,750	\$160,408
<b>Done</b>			<b>International Airport Road and Postmark Drive Intersection Improvements</b> -	2001 - Util/Const	\$0	\$0	\$0	\$0	\$0	\$0
<b>Done</b>			<b>International Airport Road Rehabilitation</b> - Replace pavement, construct drainage improvements between the airport and Minnesota Drive ( <i>delivered with new #18</i> ).	2001 - Util/Const	\$0	\$0	\$0	\$0	\$0	\$0
<b>3</b>	26793		<b>Seward Highway: Midtown Congestion Relief including 36th and Seward Intersection</b> - Connect Anchorage Initiative: Project will design, acquire right-of-way and construct improvements to the Seward Highway through midtown Anchorage, from Tudor Road to 20th Avenue. Project includes the grade separation at 36th Avenue. FFY 2013 GO Bond funding = \$26M, GF funding = \$10M	2013 - 2015+ - All Phases	\$0	\$0	\$0	\$0	\$351,000	\$351,000
<b>4</b>	27470		<b>Glenn Hwy/Muldoon Road Interchange Reconstruction</b> - Reconstruct interchange at Muldoon and Glenn Highway. FFY 2013 GO Bond Funding = \$15M, GF funding = \$450K.	2013 - 2015+ - D/U/C	\$0	\$0	\$0	\$0	\$0	\$0
<b>5</b>	19489	51970	<b>Glenn Highway Lighting</b> - Birchwood to Palmer Hay Flats. STIP funds supplements \$2M in Stimulus funding in 2010. Project provides overhead lighting along the Glenn Hwy from Birchwood to Eklutna.	2012 - C	\$0	\$372	\$0	\$0	\$0	\$372
<b>6</b>	27249		<b>5th and 6th Avenue Repaving</b> - Resurface 5th & 6th Avenue from L Street to Ingra Street and improve curb ramps to meet ADA standards. The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.	2012 - D 2013 - ROW 2014 - C	\$0	\$1,100	\$0	\$50	\$4,050	\$5,200
<b>7</b>	27250 28290		<b>Ingra Street and Gambell Street Repaving</b> - Resurface Ingra Street and Gambell Street from 5th avenue to 36th avenue and improve curb ramps to meet ADA standards. The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.	2012 - D 2013 - ROW 2015 - C	\$0	\$1,870	\$85	\$0	\$0	\$1,955
<b>8</b>	27472		<b>Glenn Highway, Hiland Road to Artillery Road Reconstruction</b> - Add a 3rd lane to both northbound and southbound Glenn Highway. Improvements at Hiland Road and Artillery Road Interchanges on the Glenn Highway. Replace Eagle River bridges with capacity for pathway & future HOV lanes. First construction phase will be northbound improvements. FFY2013 GO Bond funding = \$35M.	2013-2015+ - D/U/C	\$0	\$0	\$0	\$0	\$0	\$0
<b>9</b>	19497	53801	<b>Dimond Blvd Resurfacing: Jewel Lake Road to Seward Highway</b> - Resurface Dimond Blvd by milling and replacing pavement. Install Inlaid marking and bring curb ramps to ADA standards.	2013 - C	\$0	\$0	\$9,202	\$0	\$0	\$9,202
<b>10</b>	28290	TBD	<b>Anchorage Area Principal Arterial Pavement Resurfacing and ADA Compliance</b> - This Preventive Maintenance project will extend the service life of Principal Arterials and improve curb ramps to meet ADA standards. The scope does not include landscaping or other elements inconsistent with a pavement preservation focus. Initial phase includes auditing State roads as part of resurfacing efforts to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per audit.	2013 - D/Planning 2014 - All Phases 2015+ - All Phases	\$0	\$0	\$1,750	\$20,766	\$0	\$22,516
<b>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).</b>					<b>\$60,458</b>	<b>\$3,342</b>	<b>\$21,237</b>	<b>\$20,816</b>	<b>\$444,800</b>	<b>\$550,653</b>



**Table 7. Transit**  
**AMATS FFY 2011-2014 TIP Administrative Modification 11**

STIP Need IDs	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2016	Estimated total project costs		
			Carryover	10/10-2011	10/11-2012	10/12-2013	10/13 -2014	10/14 -2015			10/15 -2016	
				2011	2012	2013	2014	2015			2016	
	<b>Municipality of Anchorage - FTA Section 5307 &amp; 5340 Funds</b>											
1	19458	<b>Preventive Maintenance / Capital Maintenance</b> - 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.	2011 - 2014 - Implementation	\$0	\$4,143	\$4,143	\$4,300	\$4,216	\$4,443	\$4,143	\$4,143	\$29,231
2	19462	<b>Fleet Replacement/ Expansion</b> - This project funds the fleet expansion and replacement for the AnchorRIDES paratransit service, as well as the fixed route fleet.	2011 - 2014 - Purchase	\$0	\$480	\$480	\$330	\$0	\$480	\$600	\$600	\$2,970
3	19464	<b>ADA Complementary Paratransit Services</b> - 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. May also be used to purchase AnchorRIDES trips.	2011 - 2014 - Implementation	\$0	\$560	\$560	\$500	\$500	\$560	\$440	\$440	\$3,560
4	19457	<b>Bus Stop Improvements</b> -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. Table 7 FTA CMAQ funds supplement CMAQ funds in program 4 in Table 5. Total project cost in FY2011 is \$490K.	2012 - 2014 - Implementation	\$0	\$300	\$300	\$150	\$200	\$300	\$300	\$300	\$1,850
5	19463	<b>ITS/ Automated Operating System</b> - Staff and capital resources to provide project oversight and capital for ITS for all modes of public transportation services. Provide day to day operational support to all ITS projects.	2013 - 2014 - Implementation	\$0	\$100	\$100	\$250	\$150	\$700	\$700	\$700	\$900
6	19459	<b>Fleet Improvement and Support Equipment</b> - 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; mechanical equipment and other improvements for facilities; mobile display terminals; and vehicle communications, radios and locations systems.	2011 - 2014 - Purchase	\$0	\$250	\$250	\$108	\$250	\$350	\$350	\$350	\$1,908
7	19465	<b>Management Information Systems</b> - 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.	2011 - 2014 - Implementation	\$0	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$350
8	19460	<b>Support Vehicles</b> - 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.	2011 - 2014 - Purchase	\$0	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$700
9	19456	<b>Transit Planning Program</b> - To include on-board and attitudinal surveys for FTA required reporting (Triennial Review, Title VI, Fare Equity, Environmental Justice, Affirmative Action).	2011 - 2014 - Implementation	\$13	\$0	\$0	\$20	\$0	\$50	\$0	\$0	\$70
10		<b>Transit Centers/Support Facilities</b> - This project supports an on-going effort to provide major transit facilities including, but not limited to town centers and major destinations. The Anchorage 2020 and the 2035 MTP 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. Existing and future facility improvements in Midtown, Downtown, and U-Med, Dimond Center and Muldoon areas are vital to the implementation of these community planning documents.		\$0	\$0	\$0	\$160	\$550	\$0	\$0	\$0	\$770
		<b>subtotal FTA Section 5307 &amp; 5340</b>		\$13	\$5,983	\$5,983	\$5,968	\$6,016	\$6,133	\$6,083	\$6,083	\$42,249
		<b>MAP-21 Section 5310 Enhanced Mobility of Seniors &amp; Individuals w/ Disabilities [Federal Share Only]</b>		\$0	\$0	\$0	\$224	\$208	\$89	\$85	\$85	\$687
		<b>MAP-21 Section 5339 Bus and Bus Facilities Program [Federal Share Only] Replace, rehabilitate and purchase buses and related equipment and conduct bus-related facilities.</b>		\$0	\$0	\$0	\$680	\$691	\$270	\$270	\$270	\$2,181
		<b>Section 5316 Funding - Job Access Reverse Commute (JARC) [Federal Share Only]</b>		\$208	\$180	\$58	\$0	\$0	\$0	\$0	\$0	\$238
		<b>Section 5317 Funding - New Freedom [Federal Share Only]</b>		\$121	\$65	\$65	\$0	\$0	\$0	\$0	\$0	\$130
		<b>Section 5310 Funding - Transportation for Elderly Persons and Persons with Disabilities</b>		\$135	\$70	\$67	\$0	\$0	\$0	\$0	\$0	\$137
		<b>subtotal FTA Section 5307, 5310, 5316, 5317 &amp; 5340 Transit funding to the MOA</b>		\$477	\$6,298	\$6,173	\$6,872	\$6,915	\$355	\$355	\$355	\$45,622

**Table 7. Transit  
AMATS FFY 2011-2014 TIP Administrative Modification 11**

STIP Need IDs	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)								Est funding needs after 2016	Estimated total project costs
			Carryover	10/10-2011	10/11-2012	10/12-2013	10/13-2014	10/14-2015	10/15-2016			
				2011	2012	2013	2014	2015	2016			
	<b>Alaska Railroad - FTA Section 5307 (Rail Tier) Funds</b>											
10	1% Transit Security on the Alaska Railroad Corporation projects	2011 - 2014 - Implementation	\$0	\$228	\$235	\$242	\$249	\$213	\$220	\$225	\$1,614	
11	<b>Preventative Maintenance</b> - 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 serviceability of the asset.	2011 - 2014 - Implementation	\$0	\$415	\$415	\$1,100	\$2,420	\$1,100	\$1,200	\$1,200	\$7,830	
12	1% Transit Enhancements - can include benches, landscaping, and other transit related amenities.	2011 - 2014 - Implementation	\$0	\$228	\$235	\$242	\$249	\$215	\$220	\$225	\$1,614	
13	<b>Track Rehabilitation - upgrades to track, crossings, crossovers and other necessary track equipment.</b>	2014 - Implementation					\$358					
	<i>subtotal FTA Section 5307 (Rail Tier) Transit funding to Railroad</i>		\$0	\$871	\$885	\$1,584	\$2,918	\$1,530	\$1,640	\$1,650	\$11,078	
	<b>Alaska Railroad - FTA Section 5337 (State of Good Repair) Funds</b>											
14	Track Rehab - Rail and tie rehabilitation within AMATS boundaries.	2011 - 2014 - Implementation	\$0	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$1,400	
15	<b>Preventative Maintenance</b> - 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 serviceability of the asset.	2011 - 2014 - Implementation	\$0	\$415	\$415	\$1,100	\$415	\$420	\$425	\$430	\$3,620	
	<i>subtotal FTA Section 5337 (SGR) funding to Railroad</i>		\$0	\$615	\$615	\$1,300	\$615	\$620	\$625	\$630	\$5,020	
	<b>Alaska Railroad - FTA Section 5337 (SGR) Funds</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<i>subtotal FTA Section 5337 funding to Railroad</i>		\$0	\$615	\$615	\$1,300	\$615	\$620	\$625	\$630	\$1,260	
	<i>subtotal FTA Sections 5307 (Rail Tier) &amp; 5337 Transit funding to ARRC</i>		\$0	\$1,486	\$1,500	\$2,884	\$3,533	\$2,150	\$2,265	\$2,280	\$2,910	
	<b>Total Transit Program (FTA (5307+5337))</b>		\$477	\$7,784	\$7,673	\$9,756	\$10,448	\$2,505	\$2,620	\$2,635	\$48,532	
	<i>The Municipality of Anchorage's Transportation Improvement Program (TIP) process is used to satisfy the public participation process of the Program of Projects (POP) that is required in U.S.C. Section 5307. The POP as presented is the proposed Program of Projects and will also be the final Program of Projects unless amended.</i>											

**Table 8. Other Federal, State, and Local Funded Projects within AMATS Area**  
**AMATS FFY 2011-2014 TIP Administrative Modification 11**

STIP Need ID's	PROJECT DESCRIPTION	Project Phasing Plan	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)								Estimated total needs after 2016	Total project cost 2011-16	
			Source	Carryover	2011	2012	2013	2014	2015	2016			
	<b>Port of Anchorage Intermodal Facility Improvements</b>		State GF GO Bond		\$20,000	\$30,000	\$98,500	\$0	\$0	\$0	\$0	\$350,000	
1	12259 <b>Recreational Trails for Alaska</b> - This program provides funding for various small recreational trail projects statewide. The program is administered by ADNR.	2011-2014 Programming	NA		\$45	\$45	\$45	\$1,465	\$0	\$0	\$0	\$1,690	
2	19469 <b>Rail Extensions, signalization and remotely controlled power switches.</b>	2011-2014 Programming	FRA		\$1,000	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$3,000	
3	20255 <b>Knik Arm Crossing Access Connections</b> - 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.	2011-2014 - D/ROW/U/C	FHWA/ Private		\$32,044	\$3,005	\$19,243	\$147,295	\$0	\$0	\$0	\$201,587	
4	20256 <b>Knik Arm Crossing Toll Financed Bridge Facilities</b> - Design and construct a bridge across Knik Arm between Anchorage and Mat-Su Borough and a connecting roadway between northern terminus of the planned Port of Anchorage expansion and the Bridge and a connecting roadway between the Point Mackenzie Road and the bridge. This is project 2 of 3 supporting the EIS known as the Knik Arm Crossing. See need ID 20254 (completed) and 20255	2011-2014 - D/ROW/U/C	FHWA/ Private		\$14,087	\$2,000	\$16,489	\$517,313	\$0	\$0	\$0	\$549,889	
6	8466 <b>AK068 - Ship Creek Improvements</b> - project would provide access road improvements to small boat harbor at Port of Anchorage and culvert at Ship Creek.	FTA direct transfer to MOA	Earmark	\$1,270	\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$1,520	
7	19470 <b>Ship Creek Improvements</b> - 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.	FTA direct transfer to MOA	Earmark	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
9	19480 <b>AK123 - Construct ferry and ferry facilities between Anchorage and Pt. MacKenzie</b>	FTA direct transfer to MOA	Earmark	\$0	\$1,000	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$3,000	
10	19478 <b>C Street Expanded Bus Facility &amp; Intermodal Parking Garage/ Anchorage General Transit Needs.</b>	No start date currently	Earmark	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	
11	19479 <b>Alaska Native Medical Center Intermodal Parking Facility</b>	No start date currently	Earmark	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	
12	51030 <b>AK086 - Dowling Road extension/reconstruction west from Minnesota Drive to Old Seward Highway, Anchorage</b>	2011-2014 Programming	Earmark	\$2,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700	
13	19482 <b>AK094 &amp; AK105 - Construction &amp; Road Improvements @ APU. This project is not included in the Air Quality conformity analysis for the 10-13 TIP.</b>	2011-2014 Programming	Earmark	\$4,794	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,794	
14	19484 <b>Cook Inlet Tribal Council non-profit Services Center Intermodal Parking Facility</b> - Improvements planned for intersection of DeBarr Rd and Bragaw St.	Direct transfer to FTA	Earmark	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15	19485 <b>AK149 &amp; AK158 - Dimond Center Intermodal Parking Facility</b> - upgrade existing transit center, including but not limited to design, engineering, permitting and construction.	FTA direct transfer to MOA	Earmark	\$3,292	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,292	
20	19202 <b>Seward Highway - Anchorage to Portage Glacier Road ITS Project</b> - ITS deployment such as dynamic message signs, real-time traffic counters, low power FM or highway advisory radio, automated anti-icing/de-icing system, environmental sensors, CCTV, and adjoining signal system and inter-connect upgrades to help improve traveler safety and efficiency along the Seward Highway Corridor, Glenn Highway to Portage Glacier Road, MP 78.8.	2011-14 - P/D/C/U	STP Federal Funds		\$2,850	\$900	\$900	\$675	\$675	\$0	\$0	\$6,000	
21	18361 <b>Glenn and Parks Highways Corridor ITS Project</b> - ITS deployment such as dynamic message signs, real-time traffic counters, low power FM or highway advisory radio, automated anti-icing/de-icing system, environmental sensors, CCTV, and adjoining signal system and inter-connect upgrades to help improve traveler safety and efficiency along the Glenn Highway Corridor, from the intersection of Ingraham/Gambell and 5th/6th to MP 42 (north of Palmer) and also covers the Parks Hwy from the Parks/Glenn Interchange through Houston (MP58).	2011-14 - P/D/C/U	STP Federal Funds		\$2,100	\$1,450	\$1,650	\$1,450	\$1,450	\$0	\$0	\$8,100	
22	26849 <b>People Mover Maintenance Facility Roof Replacement</b> - FTA State of Good Repair grant to replace the aging, leaking, poorly insulated roof of the People Mover maintenance facility.	2012 - C	FTA Grant		\$0	\$2,400	\$0	\$0	\$0	\$0	\$0	\$2,400	
23	51030 <b>AK120 - Anchorage: Traffic Congestion Relief</b>	2011-2014 Programming	Earmark	\$4,108	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,108	
24	27429 <b>People Mover Veterans Transportation Community Living Initiative</b> - project will develop a travel options application for mobile devices.	2012 - programming			\$0	\$120	\$0	\$0	\$0	\$0	\$0	\$120	
25	<b>People Mover State of Good Repair Vehicle Replacement</b> - project will replace 3 buses and 10 paratransit vehicles. [Federal share only]		FTA Grant		\$0	\$0	\$1,304	\$0	\$0	\$0	\$0	\$1,304	
26	<b>People Mover Transportation, Community, and System Preservation Program Winter City Pedestrian Safety &amp; Bus Stop Improvements</b> - project will improve safety, accessibility, and maintenance of existing pedestrian facilities and bus stops during winter months. [Federal share only]		FHWA Grant		\$0	\$0	\$280	\$0	\$0	\$0	\$0	\$280	
27	<b>People Mover Human Resources Grant</b> - project will create an innovative public transportation workforce development program (Federal Share Only).	2014 - Programming	FTA 5323 Grant		\$0	\$0	\$0	\$300	\$0	\$0	\$0	\$300	
28	<b>People Mover Transit Oriented Development Pilot</b> - project will assist in the planning and development of mixed use transit oriented development within the Municipality of Anchorage (Federal Share Only).	2014 - Programming	FTA Grant		\$0	\$0	\$0	\$3,000	\$0	\$0	\$0	\$3,000	
<b>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).</b>					<b>\$26,164</b>	<b>\$73,376</b>	<b>\$41,920</b>	<b>\$140,411</b>	<b>\$671,498</b>	<b>\$2,170</b>	<b>\$45</b>	<b>\$0</b>	<b>\$1,157,084</b>

**Table 9. NHS and Non-NHS Improvements Outside AMATS, within the MOA  
AMATS FFY 2011-2014 TIP Administrative Modification 11**

	STIP		PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)					Estimated total funding needs after 2014	Estimated total project cost	
	Need	ID #			Source	Carryover	10/10-9/11	10/11-9/12	10/12-9/13			10/13 - 9/14
							2011	2012	2013			2014
1	11439	Whittier Tunnel: Maintenance and Operations - Federal-aid eligible portion of Whittier tunnel and approaches, maintenance and operations.	2011-2014 - C	NHS / STP	\$0	\$2,253	\$2,000	\$2,600	\$2,600	\$2,600	\$72,053	
2	11925	Seward Highway - MP 75-90 Ingram Creek to Girdwood Road and Bridge Rehabilitation. FFY 2013 GO Bond funding = \$10M, GF funding = \$10M	2011 - 2014+ - D/C/U		\$0	\$4,000	\$0	\$0	\$4,000	\$153,400	\$161,400	
3	12640	Seward Highway - MP 99-104 Bird and Indian Improvements: Design and construct Seward Highway improvements. May include possible bypass of Bird and Indian. Project includes passing lanes and bike/ped trail.	2010-13 - D/ROW/U/C	IM	\$0	\$2,400	\$0	\$10	\$6,510	\$28,800	\$37,720	
4	12641	Seward Highway - MP 104-115 Passing Lanes - Indian to Potter Marsh.	2013 - C/U	NHS / OSF	\$0	\$0	\$0	\$0	\$0	\$40,000	\$40,000	
5	16057	Portage Glacier Road Embankment Stabilization: Project will stabilize the Portage Creek stream bank at three locations along Portage Glacier Road.	2012 - D 2013 - ROW 2014 - C/U	Forest Hwys	\$0	\$0	\$684	\$37	\$1,587	\$0	\$2,308	
6	19261	Olympic Circle Road Paving: Pave Olympic Circle Road in Girdwood. Project may include improvements to parking, drainage, lighting and pedestrian facilities.	2012 - D/ROW 2013 - C/U	OSF / High Priority 1702	\$0	\$0	\$600	\$2,090	\$0	\$0	\$2,690	
7	26651	Seward Hwy Right-of-Way Study: Project will provide Right-of-Way survey and As-Built information as needed for portions of the Seward Highway from Girdwood to Potter Marsh. Project may include documentation of corridor agreements with various public landowners within the corridor.	2012 - P&R	NHS	\$0	\$0	\$1,500	\$0	\$0	\$0	\$1,500	
8	26536	Seward Highway Corridor Study- Develop a clear departmental vision for the corridor to guide capital project selection and scoping, aid in management decisions, and help preserve the function of the Seward Highway as a critical NHS corridor.	2012 - Planning	NHS / TCSP	\$0	\$0	\$2,400	\$0	\$0	\$0	\$2,400	
9	26791	Seward Highway: Seward at Alyeska Highway Improvements - Construct a divided intersection on the Seward Hwy at the Alyeska Hwy to allow queuing for left-turning vehicles.	2013- All Phases	OSF	\$0	\$0	\$0	\$5,000	\$0	\$7,400	\$12,400	
10	18903	Seward Highway: Recreational Improvements - This project will relocate and improve RV facilities in Alaska State Parks along the Seward Hwy in conjunction with Seward Hwy improvement projects. Highway upgrade projects are phased over several years and will impact existing Alaska State Park facilities.	2012- C/U	Section 117 Earmark	\$0	\$0	\$1,970	\$0	\$0	\$0	\$1,970	
The contingency list of projected for each year will consist of the following year's projects.				ANNUAL TOTALS	\$0	\$8,653	\$9,154	\$9,737	\$14,697	\$232,200	\$274,441	

**Table 10. Pavement Replacement Program**  
**AMATS FFY 2011-2014 TIP Administrative Modification 11**

<b>2011 - 2014 TIP, Pavement Replacement Projects, see Table 3</b>		
	<b>Project Location</b>	<b>Project Phasing</b>
1	Jewel Lake Pavement Replacement - Dimond Blvd to International	Complete
2	DeBarr Road Pavement Replacement - 15th Avenue to Muldoon Rd	Complete
3	Eagle River Loop - Hiland to Eagle River Road	Complete
4	Potter Drive - Arctic to Franklin Street	
5	O'Malley - Old Seward to Upper O'Malley	
6	Dimond Blvd - Arctic Blvd to Jewel Lake	Complete
7	Dimond Blvd - New Seward Hwy to Arctic Blvd	Complete
8	Fireweed Ln - Spenard to New Seward	
9	Birch Road - Huffman to Abbott	
10	Northern Lights Blvd - Forest Park Dr to Lake Otis	
11	Upper Huffman - Hillside to end	
12	Eagle River Rd - Old Glenn to MP 5.3	
13	C St - 3rd Ave to International Airport Rd	
14	Alyeska Highway - Seward Hwy to Arlburg Ave (outside AMATS)	
15	Dowling - Old Seward to Lake Otis	
16	Rabbit Creek Rd - Old Seward Hwy to Hillside Dr	
17	Tudor - Minnesota to 36th	
18	Raspberry - Jewel Lake to Minnesota (East Side)	
19	Boundary Ave - Boniface Pkwy to Muldoon Rd	
20	Brayton Dr - Dearmoun to Dimond Blvd	
21	Dimond Blvd - Jewel Lake to Sand Lake	
22	Sand Lake Rd - Dimond Blvd to Kincaid Rd	
23	Jodphur Rd - Dimond Blvd to Kincaid Rd	
24	Kincaid Rd - Jodphur Rd to Sand Lake Rd	
25	Post Rd - 3rd Ave to Reeve Blvd	
26	Fireweed Ln - Arctic Blvd to Seward Hwy	
27	Hiland Rd - MP 0 to MP 3.2	
28	Elmore Rd - Huffman Rd to O'Malley Rd	
29	Airport Hts Rd - Debarr Rd to Glenn Hwy	
30	Benson Blvd - Lois to Latouche	
	*Projects not in priority order	
	Pavement Replacement Annual Totals shown in Table 3	