1. Safety | National Goals: 1, 7 National Planning Factors: 2, MTP Goals: 2 SHSP Strategies: 1-5

Project helps reduce serious injuries & fatalities, promotes a safe and accessible pedestrian and bicycle environment, and improves emergency response.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Improves Truck related Safety Issue	+3 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and High total effectiveness of countermeasures* +2 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and Medium total effectiveness of countermeasures* +0 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and Low or no truck safety countermeasures (OR) +1 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries	4	+3 Project area contains three or more non-motorized crashes in 5 years and project contains improvements** that help in separating conflicts between freight and non-motorized users +2 Project area contains more than one non-motorized crash in 5 years and project contains improvements** that help in separating conflicts between freight and non-motorized users +0 Project area contains less than or equal to one non-motorized crash in 5 years and project does not contain improvements that help in separating conflicts between freight and non-motorized users (OR) +1 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries Bonus:	4
	Bonus: +1 Project improvements are on a designated freight corridor		+1 Project improvements that help in separating conflicts between freight and non-motorized users on a designated freight corridor	

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Improves Bicycle Safety	+3 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and High total effectiveness of countermeasures* +2 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and Medium Total effectiveness of countermeasures* +0 Project contains one or more intersections above theaverage intersection crash rate or project is located on a corridor with above average crash rate; and Low or no bicycle safety countermeasures (OR) +1 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries	5	+5 Project area contains three or more non-motorized crashes in 5 years; and High total effectiveness of bicycle safety countermeasures* +3 Project area contains more than one non-motorized crash in 5 years; and Medium Total effectiveness of bicycle safety countermeasures* +0 Project area contains less than or equal to one non-motorized crash in 5 years; and Low or no bicycle safety countermeasures (OR) +1 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries Bonus: +2 Improves bicycle safety at an HSIP and/or Vision Zero High Injury Network location	5
	Bonus: +2 Improves bicycle safety at an HSIP and/or Vision Zero High Injury Network location		Notes: MPO Staff consider two factors when determining the effectives of bicycle safety countermeasures 1) the existing deficiencies at the project location; 2) the safety	
	Notes: MPO Staff consider two factors when determining the effectives of bicycle safety countermeasures 1) the existing deficiencies at the project location; 2) the safety countermeasures as part of the project.		countermeasures as part of the project.	

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Improves Pedestrian Safety	+3 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and High total effectiveness of countermeasures* +2 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and Medium Total effectiveness of countermeasures* +0 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and Low or no pedestrian safety countermeasures (OR) +1 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries	5	+5 Project area contains three or more non-motorized crashes in 5 years; and High total effectiveness of pedestrian safety countermeasures* +3 Project area contains more than one non-motorized crash in 5 years; and Medium Total effectiveness of pedestrian countermeasures* +0 Project area contains less than or equal to one non-motorized crash in 5 years; and Low or no pedestrian safety countermeasures (OR) +2 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries Bonus: +2 Improves pedestrian safety at an HSIP and/or Vision Zero High Injury Network location	7
	Bonus: +2 Improves pedestrian safety at an HSIP and/or Vision Zero High Injury Network location		Notes: MPO Staff consider two factors when determining the effectives of pedestrian safety countermeasures 1) the existing deficiencies at the project location; 2) the safety countermea-	
	<u>Notes:</u> MPO Staff consider two factors when determining the effectives of pedestrian safety countermeasures 1) the existing deficiencies at the project location; 2) the safety countermeasures as part of the project.		sures as part of the project.	

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Improves Vehicular Safety	+3 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and High total effectiveness of vehicular safety countermeasures* +2 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and Medium Total effectiveness of vehicular safety countermeasures* +0 Project contains one or more intersections above the average intersection crash rate or project is located on a corridor with above average crash rate; and Low or no vehicular safety countermeasures (OR) +1 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries	4	+3 Project area contains three or more non-motorized crashes in 5 years and project contains improvements** that help in separating conflicts between vehicular and non-motorized users +2 Project area contains more than one non-motorized crash in 5 years and project contains improvements** that help in separating conflicts between vehicular and non-motorized users +0 Project area contains less than or equal to one non-motorized crash in 5 years and project does not contain improvements that help in separating conflicts between vehicular and non-motorized users (OR) +1 The project site has no crash data, but MOA Traffic & safety Engineer and/or DOT Traffic engineer concur project is expected to prevent crashes or serious injuries	4
	Bonus: +1 Improves vehicular safety at an HSIP and/or Vision Zero High Injury Network location		Bonus: +1 Improves vehicular safety at an HSIP and/or Vision Zero High Injury Network location	
	Notes: MPO Staff consider two factors when determining the effectives of vehicular safety countermeasures 1) the existing deficiencies at the project location; 2) the safety countermeasures as part of the project.		Notes: MPO Staff consider two factors when determining the effectives of vehicular safety countermeasures 1) the existing deficiencies at the project location; 2) the safety countermeasures as part of the project.	
Emergency Response	+1 Improves Fire Department 4-minute response times +1 Improves emergency evacuation routes, alternatives diversion routes, or secondary egress	2	N/A	
TOTAL POINTS	UP TO 20		UP TO 20	

^{*}Countermeasure information can be found at the following locations: HSIP Handbook, CMF Clearinghouse, AASHTO, Alaska DOT&PF SHSP, and NACTO. Countermeasure effectiveness will be based on the CMF Clearinghouse Crash Modification Factor listed for each countermeasure. Projects that have a CMF of 0.0 to >0.5 have High Total Effectiveness. Projects that have a CMF of 0.5 to >1.0 have Medium Total Effectiveness. Projects that have a CMF of 1.0 or greater have Low Total Effectiveness.

^{**}Examples of improvements that help to separate conflict between modes: Refuge buffers and Turning Radius improvements

2. Mobility | National Goals: 3, 4, 7 National Planning Factors: 4, 5, 6, 7, 10, MTP Goals: 3, 4, 6

Project improves access to and accessibility of all modes, supports roadway management and operation strategies to improve travel reliability, mitigates congestion, and supports non-single occupant vehicle travel.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
	+1 Project is included in the AMATS Transportation System Management Operations (TSMO) Strategic Implementation Plan and/or the AMATS Congestion Management Process (CMP) as a CMP Strategy		+1 Project is included in the AMATS Transportation System Management Operations (TSMO) Strategic Implementation Plan and/or the AMATS Congestion Management Process (CMP) as a CMP Strategy	
	+1 Project includes elements from the Anchorage Regional Intelligent Transportation System (ITS) Architecture (ARIA) Implementation Plan	4	+1 Project includes elements from the Anchorage Regional Intelligent Transportation System (ITS) Architecture (ARIA) Implementation Plan	4
Vehicular Congestion Reduction	Bonus: +1 Project is expected to help reduce congestion on a nearby NHS route +1 Project is located within an EJ area of 60th or greater percentile	4	Bonus: (max +2) +1 Project is expected to help reduce congestion on a nearby NHS route +1 Project is located within an EJ area of 60th or greater percentile	
	Penalty: -4 Located in an EJ area of 60th or greater percentile and will negatively impact population*		Note: Congestion reduction on nearby NHS route is based on past experience or congestion reduction best practices.	
	<u>Note:</u> Congestion reduction on nearby NHS route is based on past experience or congestion reduction best practices.			

^{*}Negative Impacts to EJ Populations can include, but are not limited to: Barrier to mobility, negative economic impacts, negative aesthetic and visual effects, relocation and displacement, and negative impacts to land use.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Improves Truck Movement	+3 Project improves truck movement on a designated freight corridor by addressing an identified freight deficiency +1 Project improves truck movement on any other corridor +0 Project does not improve truck movement on a designated freight corridor OR does not improve truck movement on any other corridor	4	+2 Project improves truck movement on a designated freight corridor by seperating freight and non-motorized users +1 Project improves truck movement on any other corridor by seperating freight and non-motorized users +0 Project does not improve truck movement on a designated freight corridor OR does not improve truck movement on any other corridor	3
	Bonus: +1 Project address an AMATS freight mobility study identified freight bottleneck		Bonus: +1 Project address an AMATS freight mobility study identified freight bottleneck	
	Penalty: -4 Located in an EJ area of 60th or greater percentile and will negatively impact population*			
	+3 Adds new physically separated bicycle facility (including shared-use paths) +2 Adds new buffered bicycle facility** +1 Adds new standard bicycle facility +0 Does not improve bicycle network	4	+4 Adds new physically separated bicycle facility (including shared-use paths) +2 Adds new buffered bicycle facility +1 Adds new standard bicycle facility +0 Does not improve bicycle network	6
Improves Bicycle Network	Bonus: Project is located within an EJ area of 60th or greater percentile and (max +1) +1 Closes a gap in the bike network +1 Provides a new bicycle connection to transit +1 Extends the exisiting bike network +1 Makes accommodations for bike parking or bike share station		Bonus: Project is located within an EJ area of 60th or greater percentile and (max +2) +2 Closes a gap in the bike network +1 Provides a new bicycle connection to transit +1 Extends the exisiting bike network +1 Makes accommodations for bike parking or bike share station	

^{*}Negative Impacts to EJ Populations can include, but are not limited to: Barrier to mobility, negative economic impacts, negative aesthetic and visual effects, relocation and displacement, and negative impacts to land use.

^{**}A buffer can be a physical or painted seperation.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
	+3 Adds new sidewalk and/or shared-use path on a corridor +2 Adds new sidewalk on a corridor +0 Does not improve pedestrian network		+5 Adds new shared-use path +3 Adds new sidewalks +0 Does not improve pedestrian network Bonus:	
Improves Pedestrian Network and ADA accessibility	Bonus: Project is located within an EJ area of 60th or greater percentile and (max +1) +1 Closes a gap in the pedestrian network +1 Enhances ADA accessibility beyond minimum required standards (e.g. include tactile warning strips, audible signals, sidewalk bump outs, etc.) +1 Creates new pedestrian connection to transit	4	Project is located within an EJ area of 60th or greater percentile population and (max +2) +2 Closes a gap in the pedestrian network +2 Enhances ADA accessibility beyond minimum required standards (e.g. include tactile warning strips, audible signals, sidewalk bump outs, etc.) +1 Extends existing pedestrian network +1 Creates new pedestrian connection to transit	7
	+2 Project results in significant hours of passenger delay reductions +1 Project results in limited to moderate hours of passen ger delay reductions +0 Project does not make meaningful reduction inpassenger delay	4	N/A	
Reduces transit vehicle delay	Bonus: (max +2) +1 Project invests in bus-priority infrastructure on a Transit Support Development Corridor identified in the 2040 Land Use Plan +1 Project is located within an EJ area of 60th or greater percentile			
TOTAL POINTS	Penalty: -1 Project will negatively impact transit movement or increase transit vehicle delays UP TO 20		UP TO 20	

Mobility Last Edited: 1/03/22

3. Economic| National Goals: 4-7 National Planning Factors: 1, 5-10 MTP Goals: 3-6

Project supports land use that is consistent with a healthy population, supports the economy, and provides for growth.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Charial Land Hea	+2 Project improves bicycle access to and/or within a growth supporting feature* of the 2040 Land Use Plan	_	+2 Project improves bicycle access to and/or within a growth supporting feature of the 2040 Land Use Plan	_
Special Land Use Features of 2040 Land Use Plan	+2 Project improves pedestrian access to and/or within a growth supporting feature* of the 2040 Land Use Plan	6	+2 Project improves pedestrian access to and/or within a growth supporting feature of the 2040 Land Use Plan	6
20110 030 1 1011	+2 Project improves transit access to and/or within a growth supporting feature* of the 2040 Land Use Plan		+2 Project improves transit access to and/or within a growth supporting feature of the 2040 Land Use Plan	
	+1 Project provides a new or improved connection with- in or to a Neighborhood, Town, or Regional Commerce Center		+2 Project provides a new or improved connection within or to a Neighborhood, Town, or Regional Commerce Center	
	+1 Project provides a new or improved connection within or to a Park or Natural area, Other Open Space	4 ANC	+2 Project provides a new or improved connection with- in or to a Park or Natural area, Other Open Space	8 ANC
	+1 Project provides a new or improved connection within or to a Community Facility/Institution, University, or Medical Center	2 ER/CH	+2 Project provides a new or improved connection within or to a Community Facility/Institution, University, or Medical Center	4 ER/CH
Land Uses	+1 Project provides a new or improved connection within or to a City Center		+2 Project provides a new or improved connection within or to a City Center	
	Eagle River-Chugiak Off-Set: +2 If project is located within the Eagle River-Chugiak area and not covered by the 2040 Land Use Plan		Eagle River-Chugiak Off-Set: +4 If project is located within the Eagle River-Chugiak area and not covered by the 2040 Land Use Plan	
	Penalty: -4 Located in an EJ area of 60th or greater percentile in the			
	Anchorage Bowl and will negatively impact population -2 Located in an EJ area of 60th or greater percentile in			
	Eagle River- Chugiak and will egativley impact population			

^{*}Growth supporting features from the 2040 Land Plan are: Transit-supportive Development, Greenway-supporting Development, Traditional Neighborhood Design, and Residential Mixed-use Development. More information can be found on page 60 of the Anchorage 2040 Land Use Plan.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Health Equity Area**	+4 Project promotes or provides a transit improvement to help address a healthy equity focus area within the top concentration +2 Project promotes or provides a transit improvement to help address a healthy equity focus area within the second highest concentration +1 Project promotes or provides a transit improvement to help address a healthy equity focus area within the third highest concentration Bonus: +2 Project is located within an EJ area of 60th or greater percentile Penalty: -6 Located in an EJ area of 60th or greater percentile and	6	+4 Project promotes or provides a transit improvement to help address a healthy equity focus area within the top concentration +2 Project promotes or provides a transit improvement-to help address a healthy equity focus area within the second highest concentration +1 Project promotes or provides a transit improvement to help address a healthy equity focus area within the third highest concentration Bonus: +2 Project is located within an EJ area of 60th or greater percentile	6
Freight System	will negatively impact population +4 Project identified as an immediate (0-10 years) project for implementation in the AMATS Freight Mobility Study +2 Project identified as a mid-term (11-15 years) project for implementation in the AMATS Freight Mobility Study +1 Project recommended by the AMATS Freight Advisory Committee (not included in the AMATS Freight Mobility Study) Penalty: -4 Located in an EJ area of 60th or greater percentile and will negatively impact population	4	N/A	
TOTAL POINTS	UP TO 20		UP TO 20	

^{**}Health Equity Focus Areas are found in the AMATS Non-Motorized Plan: https://www.muni.org/Departments/OCPD/Planning/AMATS/Documents/Nonmotorized/update_2020/20210205_Non_Motorized_Plan_Pubic_Review_Draft_with_Appendices.pdf

Economic

4. Environment | National Goals: 4, 6, 7 National Planning Factors: 5-7, 9-10 MTP Goals: 5-6

Project supports improvements to the transportation system then help improve air quality while reducing impacts to the natural environment.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Stormwater Run Off	+3 Project prevents stormwater pollution runoff, helpingthe MOA comply with its Municipal Separate Storm Sewer System (MS4) and NPDES Permits	3	N/A	
	+6 Project is expected to help improve air quality* in a health equity focus area** within the top concentration		+9 Project is expected to help improve air quality* in a health equity focus area within the top concentration	
Air Quality	+3 Project is expected to help improve air quality* in a health equity focus area in the second highest concentration +1 Project is expected to help improve air quality* in a health equity focus area within the third highest concentration 0 Project is expected to not improve air quality within a health equity focus area	6	+5 Project is expected to help improve air quality* in a health equity focus area in the second highest concentration +1 Project is expected to help improve air quality* in a health equity focus area within the third highest concentration	9
	Penalty: -6 Project is expected to worsen air quality within a health equity focus area.			
	+4 Project reduces systemwide VMT +0 Project does not reduce systemwide VMT	4	+4 Project reduces systemwide VMT	4
VMT	Penalty: -4 Project is expected to increase systemwide VMT			
Climata Astion Div	+2 Project helps to implement the MOA Climate Action Plan	4	+4 Project helps to implement the MOA Climate Action Plan	4
Climate Action Plan	+2 Project promotes or implements electric vehicle infrastructure			

Environment

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Environmental Impacts/Project Deliverability	+3 Project is expected to have limited or no impact to ROW, wetlands, historic property, or other environmentally sensitive areas. Penalty: -3 Project is expected to have significant impacts to ROW, wetlands, historic property, or other environmentally sensitive areas.	3	+3 Project is expected to have limited or no impact to ROW, wetlands, historic property, or other environmentally sensitive areas. Penalty: -3 Project is expected to have significant impacts to ROW, wetlands, historic property, or other environmentally sensitive areas.	3
TOTAL POINTS	UP TO 20		UP TO 20	

^{*}Example of ways to help air quality: Provide alternative travel options such as bicycle or pedestrian transportation infrastructure, reduces travel distance between key destinations.

^{**} Health Equity Focus Areas are found in the AMATS Non-Motorized Plan

5. Preservation | National Goals: 2, 4, 7 National Planning Factors: 5-10 MTP Goals: 1-3, 6 S

Project maintains the transportation system for roadway, transit, and active transportation infrastructure in a state of good repair.

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Improves Roadway Pavement Condition	+4 The project improves existing pavement from poor condition to good condition +2 The project improves existing pavement from poor condition to fair condition +0 Project does not include pavement improvements Note: Staff will assess pavement condition based on available	4	N/A	
Condition	data such as visual inspections or IRI data. NHS roadways will be evaluated based on federal performance standards, while non-NHS MOA facilities may be evaluated based on local standards.			
Improves Sidewalks	+3 The project improves existing pavement from poor condition to good condition +2 The project improves existing pavement from poor	3	+8 The project improves existing pavement from poor condition to good condition +4 The project improves existing pavement from poor	8
or Off Street Facilities	condition to fair condition +0 Project does not improve existing facility Note: This criteria does not apply to the creation of new		condition to fair condition +0 Project does not improve existing facility Note: This criteria does not apply to the creation of new	
	facilities.		facilities.	
Improves Traffic	+3 Project improves three or more of the following: signals, guard-rails, signage, pavement markings, or lighting	3	+2 Project improves three or more of the following: signals, guard-rails, signage, pavement markings, or lighting	2
Signal Equipment	+1 Project improves two or more of the following: signals, guard-rails, signage, pavement markings, or lighting		+1 Project improves two or more of the following: signals, guard-rails, signage, pavement markings, or lighting	
	+3 Project will help to improve utilities in the area		+3 Project will help to improve utilities in the area	
Utilities Coordination	+0 Project will not improve on utilites in the area	3	+0 Project will have no impact on utilites in the area	3

Preservation

CRITERIA	COMPLETE STREETS/MAJOR INFRASTRUCTURE (CORRIDOR)	MAX POINTS	BICYCLE/PEDESTRIAN	MAX POINTS
Resiliency	+1 Project incorporates elements from the MOA All Hazards Mitigation Plan +1 Project improves stormwater infrastructure, such as replacing or retrofitting culverts, drainage systems +1 Project implements nature based solutions such as bio swales/rain gardens, vegetated medians, or naturalized stormwater basins	3	+1 Project incorporates elements from the MOA All Hazards Mitigation Plan +1 Project improves stormwater infrastructure, such as replacing or retrofitting culverts, drainage systems +1 Project implements nature based solutions such as bio swales/rain gardens, vegetated medians, or naturalized stormwater basins	3
Improves Transit Stops*	+2 Project makes investments in improving the condition of transit-supporting infrastructure +0 Project does not make investments in improving the condition of transit-supporting infrastructure	4	+4 Project makes investments in improving the condition of transit-supporting infrastructure +0 Project does not make investments in improving the condition of transit-supporting infrastructure.	4
TOTAL POINTS	UP TO 20		UP TO 20	

^{*}Examples of transit-supporting infrastructure are capital projects including bus terminals, on-street bus stops, transit signal priority (TSP), boarding pads, shelters, bench(es), lighting, trash bins, etc.

Preservation Last Edited: 1/03/22