

WHAT MOVES YOU ARIZONA
GOALS, DRAFT OBJECTIVES & EXAMPLE PERFORMANCE MEASURES
(May 26, 2010)

GOALS	DRAFT OBJECTIVES	EXAMPLE PERFORMANCE MEASURES
<p>Improve Mobility and Accessibility</p> <p>Implement critical and cost effective investments in infrastructure to expand access to transportation and optimize mobility and reliability in the transportation of passengers and freight</p>	<p><u>Outcome based</u> <i>All Modes</i></p> <ul style="list-style-type: none"> ▪ Identify and implement critical and cost-effective new capacity and operations investments to improve transportation system throughput and reliability ▪ Ensure the maximum number of Arizona’s residents have good access to the transportation system <p><u>Process based</u></p> <ul style="list-style-type: none"> ▪ Incorporate multimodal considerations into all ADOT planning processes ▪ Integrate operational considerations and options into all ADOT planning processes ▪ Support development of statewide network of multimodal transportation services to provide accessibility to people with special needs including the young, elderly, disabled and economically disadvantaged 	<p><u>Mobility</u> <i>Highway</i></p> <ul style="list-style-type: none"> ▪ Percentage of roadway miles/VMT at LOS X or better Total annual hours of delay in urban areas ▪ Change in average travel time for selected origin-destination sets <p><i>Air</i></p> <ul style="list-style-type: none"> ▪ Number of airports experiencing delay to aircraft operations: the maximum and average delay in minutes an aircraft experiences due to airside congestion <p><i>Commuter Rail</i></p> <ul style="list-style-type: none"> ▪ % of mode share in congested corridors ▪ Auto occupancy rate <p><i>Transit</i></p> <ul style="list-style-type: none"> ▪ Total passengers ▪ Passengers per mile <p><u>Accessibility</u> <i>Highway</i></p> <ul style="list-style-type: none"> ▪ Percentage of the state’s population within XX miles of the state highway system <p><i>Air</i></p> <ul style="list-style-type: none"> ▪ Percent of population within a 30 minute drive time of a public use airport <p><i>Rail</i></p> <ul style="list-style-type: none"> ▪ Percent of TMA employees within XX miles of passenger rail station or XX miles of a park & ride located at a passenger rail station <p><i>Transit</i></p> <ul style="list-style-type: none"> ▪ % of population within X mile of transit stop (fixed route service) ▪ % of rural population with access to transit service

Preserve and Maintain the System		
<p>Maintain, preserve and extend the service life of existing and future state transportation system infrastructure</p>	<p><u>Outcome based</u></p> <p><i>Highways</i></p> <ul style="list-style-type: none"> ▪ Maintain highway and bridge systems to optimize their short and long term usefulness and minimize life-cycle costs ▪ Preserve highway pavements at their lowest life-cycle costs ▪ Preserve and replace state bridges to provide safety and operability ▪ Maintain and improve rest areas to keep facilities safe and open to the public ▪ Preserve and maintain all system facilities, including traffic operations equipment, roadsides, and other appurtenances, to enhance their appearance and optimize their utility and serviceability <p><i>Air</i></p> <ul style="list-style-type: none"> ▪ Preserve and maintain airports pavements <p><i>Transit</i></p> <ul style="list-style-type: none"> ▪ Preserve and maintain transit fleets to ensure transit service availability <p><u>Process based</u></p> <ul style="list-style-type: none"> ▪ Use the Airport Pavement Management System to help prioritize matching grants for airport infrastructure improvements 	<p><i>Highway (Overall)</i></p> <ul style="list-style-type: none"> ▪ Composite grade from maintenance management system <p><i>Pavement</i></p> <ul style="list-style-type: none"> ▪ Percentage of State Highway System roadway miles with fair or better pavement condition <p><i>Bridge</i></p> <ul style="list-style-type: none"> ▪ # of structurally deficient bridges ▪ Bridge Condition Rating Index (CRI) <p><i>Air</i></p> <ul style="list-style-type: none"> ▪ Percent of airports with a pavement condition index (PCI) of 70 or greater <p><i>Transit</i></p> <ul style="list-style-type: none"> ▪ Average fleet age
Support Economic Development		
<p>Develop and operate a state transportation system that provides predictable freight and people movement throughout the state to support a competitive and thriving economy for Arizona</p>	<p><u>Outcome based</u></p> <p><i>Highways</i></p> <ul style="list-style-type: none"> ▪ Maintain overall regional and inter-regional system reliability ▪ Improve system reliability on high-priority freight corridors ▪ Improve system connectivity for interstate and international freight movement and passenger travel corridors <p><i>Air</i></p> <ul style="list-style-type: none"> ▪ Develop and support a statewide system of public commercial and passenger airports to support economic development <p><i>Rail</i></p> <ul style="list-style-type: none"> ▪ Support development of a private sector rail system that supports economic development <p><i>Transit</i></p> <ul style="list-style-type: none"> ▪ Improve access to transit services that support economic development 	<p><i>Highways</i></p> <ul style="list-style-type: none"> ▪ Total annual hours of delay ▪ Total annual hours of delay on selected freight routes ▪ Deviation in day-to travel time for selected origin-destination sets <p><i>Air</i></p> <ul style="list-style-type: none"> ▪ Dollars of economic impact on the state from aviation <p><i>Rail</i></p> <ul style="list-style-type: none"> ▪ Return on investment for public dollars spent on freight rail improvements implemented to support economic development <p><i>Transit</i></p> <ul style="list-style-type: none"> ▪ % of population within X miles of transit stop (fixed route service) ▪ % of rural population with access to transit service

Link Transportation and Land Use		
<p>Protect the capacity of the state transportation system by developing policies and partnerships that strengthen the coordination of land use and transportation planning and implementation</p>	<p><u>Outcome based</u> <i>Highways</i></p> <ul style="list-style-type: none"> ▪ Preserve or enhance level of service for mobility corridors on the state transportation system <p><u>Process based</u></p> <ul style="list-style-type: none"> ▪ Advocate for policy and legislative changes needed to give ADOT strong access management authority ▪ Encourage local municipalities to coordinate land use plans and zoning controls with airport operations and development 	<p><i>Highways</i></p> <ul style="list-style-type: none"> ▪ Percent of State Highway System roadway miles meeting ADOT access management standards ▪ Number of county comprehensive plans that are coordinated with and reviewed by ADOT <p><i>Air</i></p> <ul style="list-style-type: none"> ▪ Airports controlling Runway Protection Zones (RPZs) on their primary runways
Protect the Environment and Natural Resources		
<p>Protect and restore the environment while improving and maintaining the transportation system</p>	<p><u>Outcome based</u> <i>All modes</i></p> <ul style="list-style-type: none"> ▪ Implement transportation solutions that improve mobility, enhance communities and protect and restore the environment ▪ Ensure environmental commitments made during planning and design of transportation improvements are fulfilled during construction and maintenance ▪ Evaluate and implement strategies to reduce ADOT contribution to greenhouse gas emissions ▪ Evaluate and implement strategies to increase ADOT's use of renewable energy sources <p><u>Process based</u></p> <ul style="list-style-type: none"> ▪ Implement a green connectivity approach to transportation planning and system development ▪ Support preparation and adoption of natural resource protection plans 	<p><i>All</i></p> <ul style="list-style-type: none"> ▪ Number of acres of environmentally sensitive areas impinged upon ▪ Annual (total or per capita) tons of carbon emissions due to mobile sources ▪ Number of air quality non-attainment days ▪ Reduction in greenhouse gas emissions resulting from ADOT implemented strategies ▪ % of total energy consumption met with renewable energy sources
Enhance Safety and Security		
<p>Continue to improve transportation system safety and ensure the security of the transportation system</p>	<p><u>Outcome based</u> <i>All modes</i></p> <ul style="list-style-type: none"> ▪ Maintain and enhance transportation safety, reducing crashes, injuries and fatalities ▪ Improve safety and reduce risk associated with freight movement <p><u>Process based</u></p> <ul style="list-style-type: none"> ▪ Integrate security risk analysis and planning into ADOT's planning processes. ▪ Support preparation and adoption of airport Safety and Security Planning 	<p><i>Highways</i></p> <ul style="list-style-type: none"> ▪ Annual number of State Highway System and statewide crashes rates (crashes per MVMT) ▪ State Highway System and statewide fatality/serious rates (deaths/serious injuries per MVMT) ▪ Number of fatalities involving alcohol use <p><i>Bicycle/Pedestrian</i></p> <ul style="list-style-type: none"> ▪ Number of bicycle/pedestrian related accidents

		<p>Air</p> <ul style="list-style-type: none"> ▪ Percent of airports with clear approaches to primary runway ends ▪ Percent of airports that meet runway/taxiway separation criteria for their current ARC (airport reference code) ▪ Percent of airports that have Runway Safety Areas (RSAs) on their primary runway that meet standards for their current ARC <p>Rail</p> <ul style="list-style-type: none"> ▪ Number of incidents resulting in fatalities or injuries at railroad grade crossings <p>Transit</p> <ul style="list-style-type: none"> ▪ Number of transit service related crashes
Strengthen Partnerships		
<p>Develop and nurture partnerships that support coordination and integration of ADOT's planning and investment in state transportation infrastructure with public and private organizations and agencies responsible for land use, conservation and environmental planning, and freight infrastructure</p>	<p>Process based</p> <ul style="list-style-type: none"> ▪ Support the improvement of international border crossings ▪ Coordinate state transportation system planning and project implementation with local land use planning and implementation ▪ Work with local governments to support efforts to use state transportation system investments to help direct growth ▪ Support local government efforts to identify, preserve and obtain future right-of-way ▪ Establish partnerships with public and private rail operators to facilitate the identification of complementary investments in intracity and intercity rail ▪ Support local bicycle and pedestrian plans by providing sidewalks and bike lanes consistent with local area bicycle/pedestrian plans, the state Complete Streets Policy and state/local maintenance agreements ▪ Provide meaningful opportunities for the public and stakeholders to influence ADOT's decision making ▪ Pursue partnership opportunities that will expand funding available to preserve and enhance the state transportation system 	
Promote Fiscal Stewardship		
<p>Provide a sound financial base for Arizona's transportation system through responsible management of public assets and resources and identification and implementation of funding strategies to ensure long term balanced investment in the state's transportation system</p>	<p>Process based</p> <ul style="list-style-type: none"> ▪ Ensure that cost-benefit analysis and financial sustainability are included in transportation investment decision-making ▪ Enhance existing or identify new sources of public and private revenue or financing 	

