MaPPS Tool What is it?

MassDOT Project Planning System is a planning phase tool with environmental and safety screening function, to improve agency project coordination and expedite project delivery

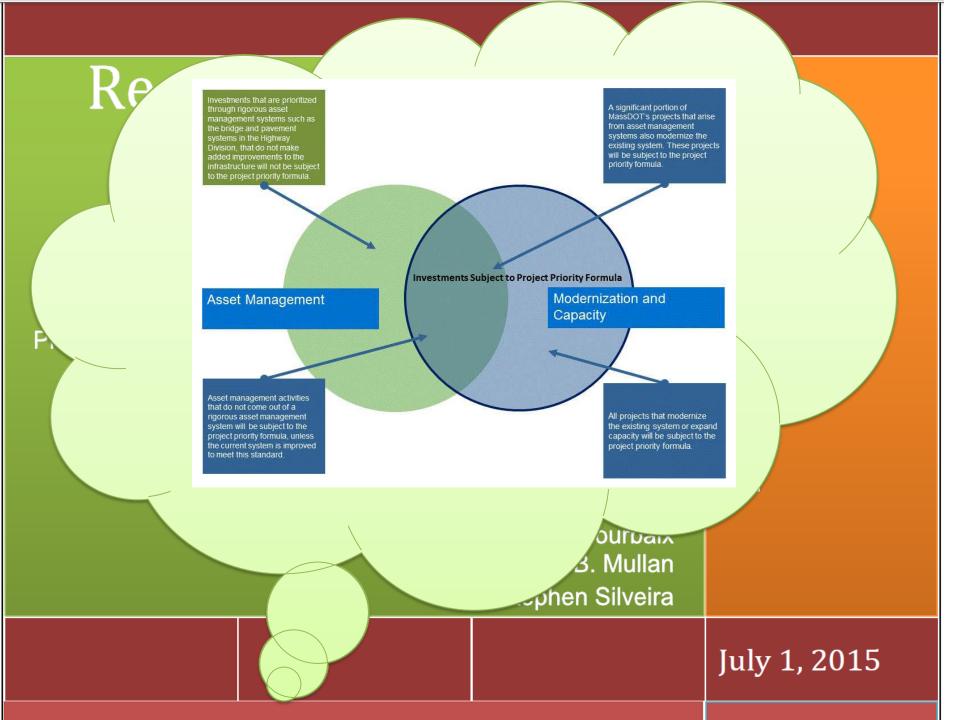
Every Day Counts 2

Agency & Business Process Implementation Teams

Strategic Highway Research Program 2

Funding & FHWA Implementation Assistance

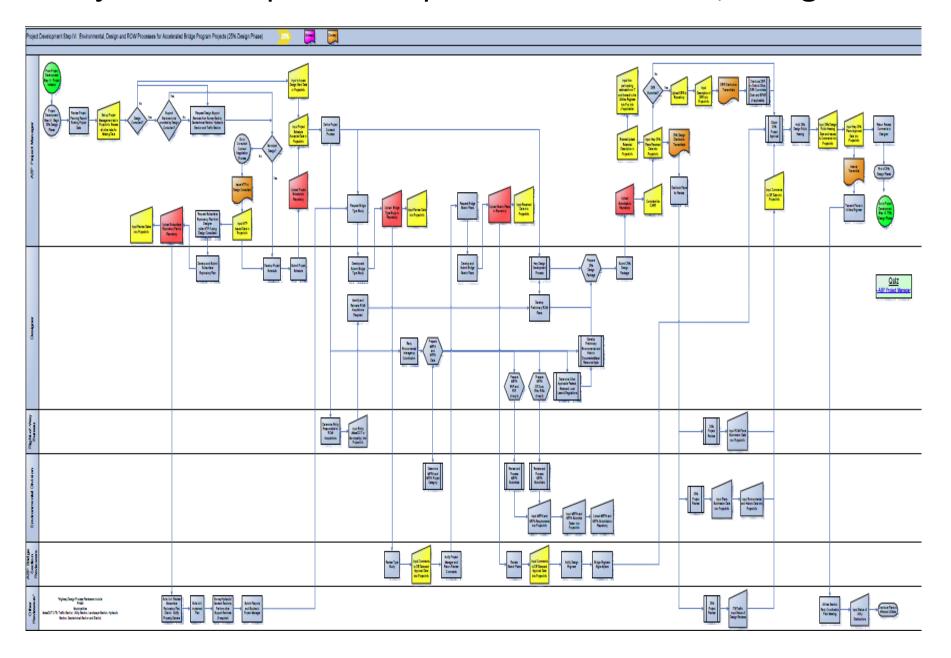




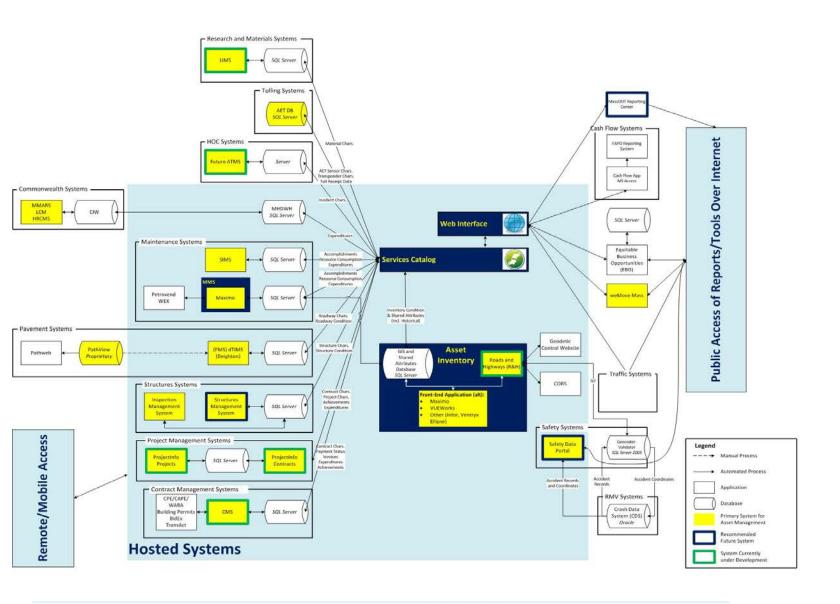
Complex Processes



Project Development Step IV: Environmental, Design ...



Why a New Approach?



Complex Processes

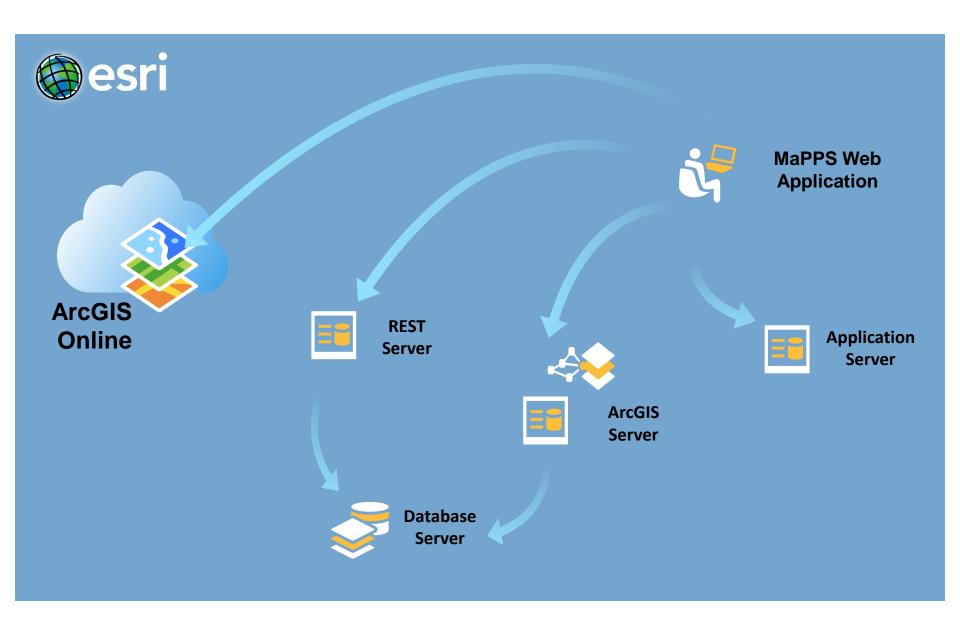


Location Aware Apps

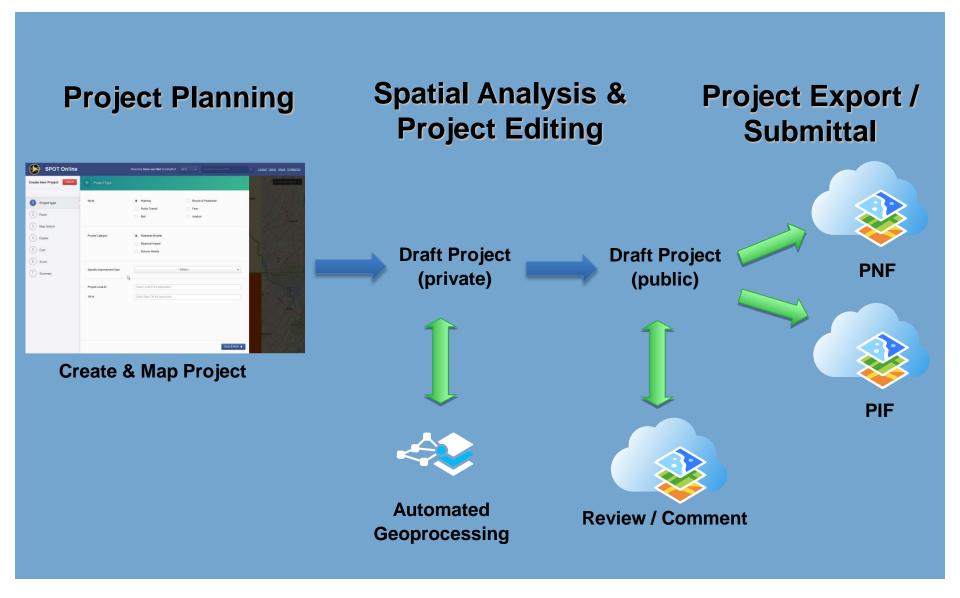
Tightly integrated and designed to work together



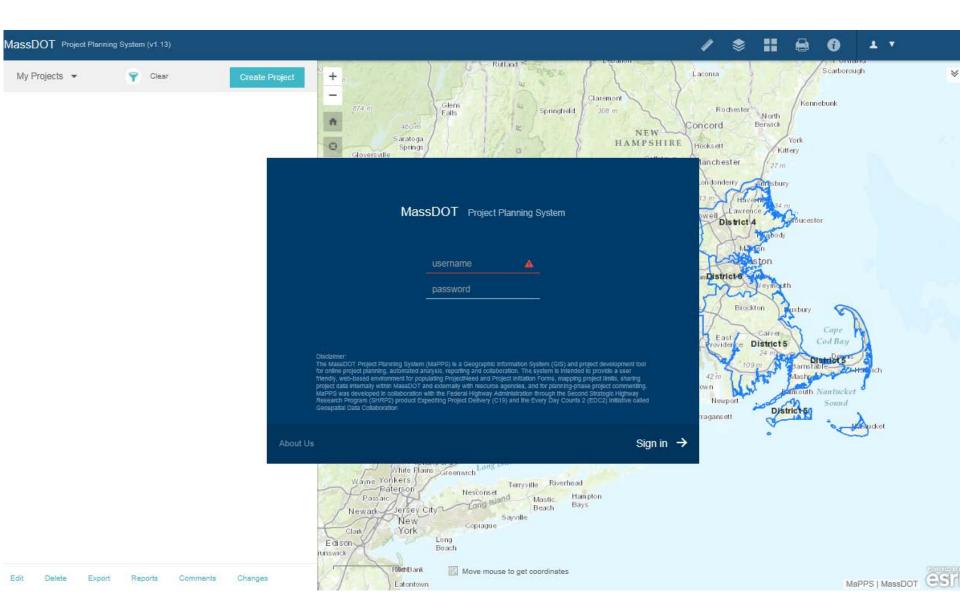
Platform Architecture



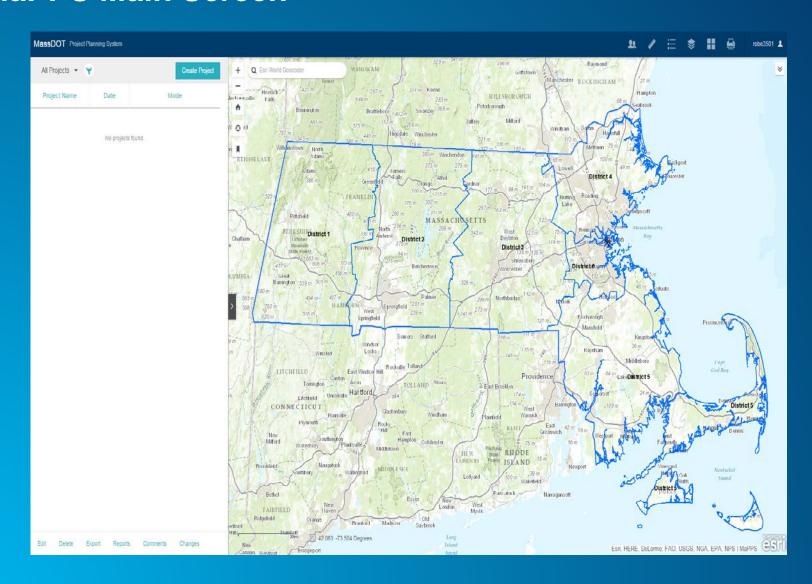
Workflow Overview



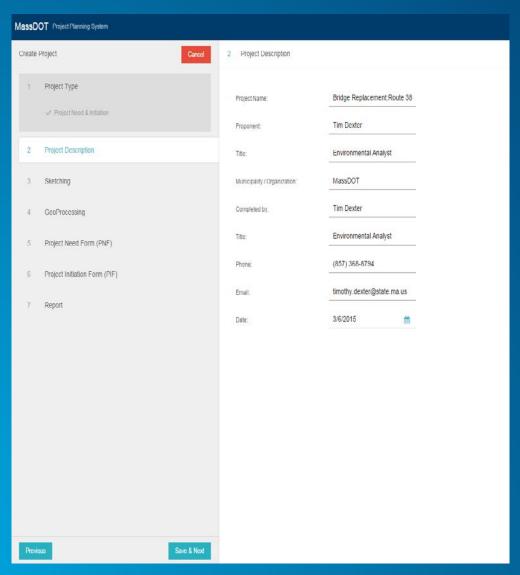
Login Page



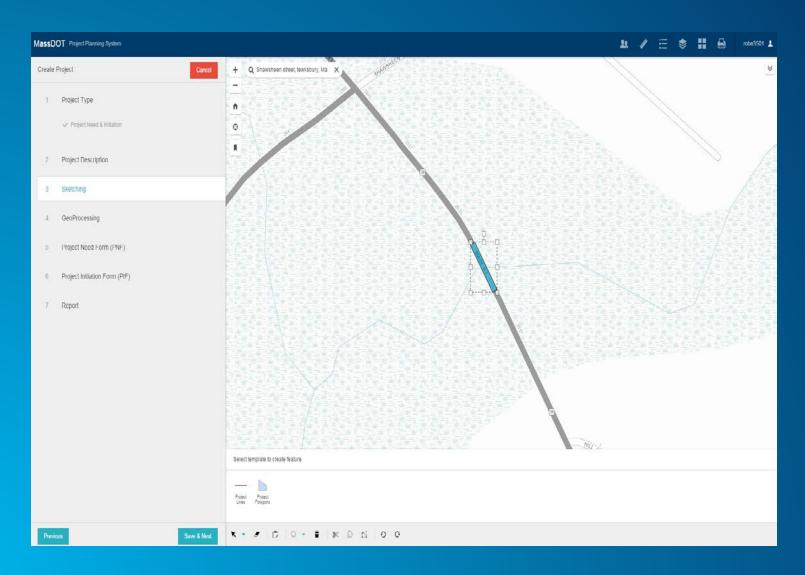
MaPPS Main Screen



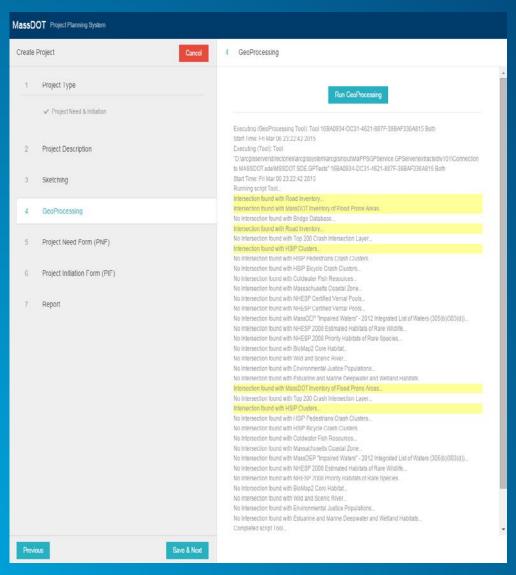
Project Description



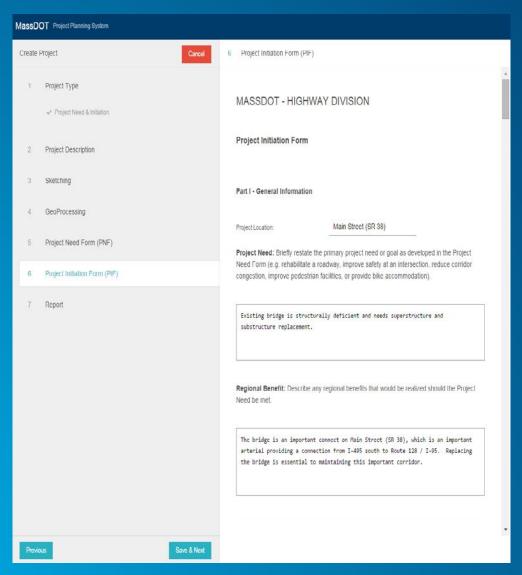
Project Sketching



Geoprocessing: Running



Project Initiation Form (PIF)



PIF Report

	PIFP	age 1:	
	MassDOT - Hig Project Init	ghway Division iation Form	1
Proponent:	Tim Dexter	Title:	Environmental Analyst
Municipality/Organization:	MassDOT		
PIF completed by:	Tim Dexter	Title:	Environmental Analyst
Phone:	(857) 368-8794	Email:	timothy.dexter@state.ma.us
Date:	Fri Mar 06 2015 00	0:00:00 GMT-080	0 (Pacific Standard Time)
Part I – General Information	n		
Project Location: Main Stre	eet (SR 38) over Sh	awsheen River,	ewksbury.
improve pedestrian facilities, Existing bridge is structura replacement.	•	•	cture and substructure
Regional Benefit: Describe Need be met.	any regional benefi	ts that would be	realized should the Project
Need be met.	connect on Main S m I-495 south to R	Street (SR 38), v	rhich is an important arterial
Need be met. The bridge is an important providing a connection fro essential to maintaining th	connect on Main S m I-495 south to R is important	Street (SR 38), v	rhich is an important arterial
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor.	connect on Main S m I-495 south to R is important Responsibilities	Street (SR 38), v oute 128 / I-95.	rhich is an important arterial Replacing the bridge is
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and	connect on Main 3 m I-495 south to R is important Responsibilities vailable cost estima	Street (SR 38), voute 128 / I-95.	rhich is an important arterial Replacing the bridge is
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and Estimated Costs: Provide a	connect on Main s m I-495 south to R is important Responsibilities valiable cost estima	Street (SR 38), voute 128 / I-95.	which is an important arterial Replacing the bridge is cost ranges in current-year
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and Estimated Costs: Provide a Estimated Construct	connect on Main im I-495 south to R is important Responsibilities vailable cost estimation Costs:	Street (SR 38), v oute 128 / I-95.	which is an important arterial Replacing the bridge is cost ranges in current-year
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and Estimated Costs: Provide a Estimated Construct Construction Items:	connect on Main im I-495 south to R is important Responsibilities valiable cost estimation Costs:	Street (SR 38), voute 128 / I-95. Ites or estimated Estir Planning/Design:	which is an important arterial Replacing the bridge is cost ranges in current-year
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and Estimated Costs: Provide a Estimated Construct Construction Items: Contigencies (10%): Other Constr. Costs	connect on Main m I-495 south to R is important Responsibilities vailable cost estimation Costs:	Street (SR 38), voute 128 / I-95. Ites or estimated Estir Planning/Design: Right-of-way: Environmental	which is an important arterial Replacing the bridge is cost ranges in current-year nated Other Costs:
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and Estimated Costs: Provide a Estimated Construction Items: Contigencies (10%): Other Constr. Costs (10%): Total Construction	connect on Main im I-495 south to R is important Responsibilities valiable cost estimation Costs:	Street (SR 38), voute 128 / I-95. Ites or estimated Estir Planning/Design: Right-of-way: Environmental Mitigation: Fotal Other Cos	which is an important arterial Replacing the bridge is cost ranges in current-year nated Other Costs:
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and Estimated Costs: Provide a Estimated Construction Items: Contigencies (10%): Other Constr. Costs (10%): Total Construction Cost: Anticipated Funding Progr	connect on Main im I-495 south to R is important Responsibilities valiable cost estimation Costs:	Street (SR 38), voute 128 / I-95. Ites or estimated Estir Planning/Design: Right-of-way: Environmental Mitigation: Fotal Other Cos	which is an important arterial Replacing the bridge is cost ranges in current-year nated Other Costs:
Need be met. The bridge is an important providing a connection fro essential to maintaining th corridor. Part II – Project Costs and Estimated Costs: Provide a Estimated Construction Items: Contigencies (10%): Other Constr. Costs (10%): Total Construction Cost: Anticipated Funding Progrindicate all potential sources	connect on Main in I-495 south to R is important Responsibilities valiable cost estimation Costs:	Street (SR 38), voute 128 / I-95. Ites or estimated Estir Planning/Design: Right-of-way: Environmental Mitigation: Fotal Other Cos	chich is an important arterial Replacing the bridge is cost ranges in current-year nated Other Costs:

