

A decorative graphic on the left side of the slide. It includes a vertical orange gradient bar, several thin vertical orange lines, and a cluster of five orange circles of varying sizes (one large, two medium, and two small) arranged in a descending pattern.

**LOUISIANA DOTD**  
**TAMP PROJECT**

**Vince Latino, P.E.**  
**Jason Chapman, P.E.**

# OVERVIEW

- LA DOTD's TAMP Status
- LA DOTD's Existing Data
- Current TAMP Tasks
- Significant Challenges



# TAMP STATUS

- Created a TAM Steering committee in 2011
- Mr. Michael Bridges serves as Executive Champion
- Appointed Chief Maintenance Engineer and Data and Systems Director as Co-Leads
- Conducted NHI TAM course with Executive Staff and TAM Committee
- Asked to be part of FHWA 3 State Pilot
- Conducted 1<sup>st</sup> meeting with FHWA TAMP Consultant during 1<sup>st</sup> Quarter 2013.



## TAMP STATUS (CONT)

- Consultant produced Work Plan
- LA DOTD assigned tasks to data and process owners
- Scheduling more face to face meeting with FHWA TAMP Consultant
- Target completion of final draft by end of this calendar year



## LA DOTD's EXISTING DATA

- LA DOTD has been doing Asset Management but have not developed a formal plan
  - Pavement Management
  - Bridge Management
- LA DOTD has performance measures and targets for road and bridge
- LA DOTD has many plans already in existence
- Implemented Agile Assets (Asset Management System)
- Starting to include other assets into Agile



# CURRENT TAMP TASKS

- Working Plan
- LA DOTD's Task List



# FHWA WORK PLAN DOCUMENT

**Louisiana DOTD Work Plan  
for Developing a TAMP**



May 2013



# TAMP TASK CHART

Task #	Task Description	Assigned To	Due Date	Status
1	Develop templates for summarizing pavement and bridge inventory and condition data	Chris F. - Pavement Scott C. - Bridge	9/26/2013	Concept of the templates is very close to information already reported.
2	Compile data needed to propulate the templates	Chris F. - Pavement Scott C. - Bridge	9/26/2013	Most of the informatin is already available and they are working on compiling
3	Identify roadway segments that have recently been added to the NHS, compare against prior NHS, and summarize the gaps	Darrell M. and Jamie S. (FHWA)	9/26/2013	They are working on the final list, and hopefully have by end of June.
4	Compile and synthesis existing materials in LA DOTD's Strategic Plan, Long Range Plan, pavement and bridge management systems, dashboards and internal performance scorecards	Dan B. - 30 year plan Chris F. and Scott C. - pavement and bridge Wade L. - Strategic plan, dash boards and score cards	6/27/2013	Plans exist and we are going to compile these documents
5	Document the performance measures that will be used throughout the asset management planning session	Wade L.	6/27/2013	The measures exist need to compile
6	Develop and implement an approach for presenting capacity, condition and maintenance LOS	Hong Z. - capacity Jason C. and Vince L. - Maint. LOS	Approach for - 6/27/2013 Complete - 9/26/2013	
7	Document the process for developing pavement and bridge conditon LOS and establishing measures	Chris F. - Pavement Scott C. - Bridge	9/26/2013	
8	Coordinate with LA DOTD's ongoing budgeting process	Don B. and Robin R.	Approach for - 6/27/2013 Complete - 12/15/2013	
9	Develop and implement a process for analyzing future bridge conditions	Scott C.	Approach for - 6/27/2013 Complete - 9/26/2013	In process
			Approach for -	



# AGENCY RISK REGISTER

Risk Description	Key Risk Area	Potential Cause	Existing Risk Controls, management actions and management tools	Risk Assessment with existing controls		
				Consequence	Likelihood	Risk Rating
Negative public opinion	Reputation	loss of buying power (funding), trust, fraud, incident (bridge failure), poor employee customer service, system deterioration,	Public relations, executive management, performance,	Moderate	Possible	Medium
lack of operating funding	Financial	<b>inflation, flat revenue stream, negative economic conditions, other budget demands, alternative fuels/fuel efficiency,</b>	education of elected officials, strategic thinking, continuous improvement/efficiency, eliminate services, reduce staffing	Major	Almost Certain	Critical
cut in federal funding	Financial	federal highway trust fund insolvency	alternate priority program, statewide longrange plan, sell GARVEE bonds	Major	Possible	High
insufficient match for federal funds	Financial	increase in fed funds, decrease in state funds, increase shift to other parts of state budget, increased operating costs, disaster, federal legislation, change in match ratio,	restructure state highway program, cut port and flood control programs, cut parish trans fund, cut operating budget, use toll credits as match, apply for GO bonds, apply for state general funds, reduce level of service	Major	Likely	High
loss of staff	Business Performance and Quality	continual downsizing, aging population, reduced benefits for workers, funding, emphasis on privatization	succession planning, recruiting, overhire, cross training, workforce development program, structured training, outsourcing	Major	Almost Certain	Critical
weather events due to environmental changes	environmental	climate change, hurricane, subsidence, sea level rise, coastal erosion, flood events, drought,	design standards, emergency preparedness, support for levee districts, flood control program, infrastructure hardening, improved data (elevations), disaster recovery plan (COOP),	Moderate	Almost Certain	High
terrorist/criminal acts	security	terrorism, criminal activity,	rest area security, cameras, fund weight enforcement and traffic control, access to as-built plans, building security, pre-employment drug screen, critical safety positions random screening,	Catastrophic	Rare	Low
		bermit violators. ineffective	fund weight enforcement, issue permits, focus on infrastructure preservation.			

# CHALLENGES

- Risk Register
- Financial Plan and Investment Strategies
- Lifecycle Costs
- Understanding how the TAMP fits into the Department's Policies and Plans

