

# Louisiana DOTD's Journey to LaGov (Implementing an ERP)

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SASHTO 2014  
New Orleans, Louisiana  
August 25, 2014





# Outline for Today

- Louisiana DOTD Prior to LaGov
- LaGov Implementation at DOTD
- LaGov Post Go-Live / Current Status at DOTD
- Challenges and Lessons Learned
- Summary of Successes





# What is LaGov?

- LaGov is an ERP system which utilizes technology to **streamline government and improve services and efficiency.**

**“It will bring Louisiana government toward the forefront of technological advancement for effective service to our citizens.”** – *Louisiana DOA*





# What is LaGov?

- The LaGov ERP system launched on Monday, **November 15, 2010**.
- The Department of Transportation and Development (**DOTD**) served as the system's **pilot agency** for the State of Louisiana.
  - By using DOTD as a pilot, the state was able to address implementation issues and apply lessons learned to mitigate risks that may be involved when rolling out to other state agencies in implementing the ERP system statewide.





# Louisiana DOTD Prior to LaGov





# Prior to LaGov

- **Legacy Infrastructure**
  - IBM mainframe & complex and sophisticated back-end software
  - Technical support staff supplemented with on-site consultants to provide operational support
  - Expensive to operate
- **Aging Software Platform**
  - In-House staff developed and maintained applications
  - Ran our own financial systems (not using state system)
  - Many of these systems were more than 20 years old





# Prior to LaGov

- **In-House developed FHWA billing system**
  - Over 20 years old
  - Processing problems were a common occurrence
  - Cumbersome and labor intensive (manual efforts for both business and technical support personnel) to operate
- **Legacy systems at risk**
  - Risk of retiring technical support staff & business personnel
  - Lack of familiarity with intricacies of home-grown systems for new employees





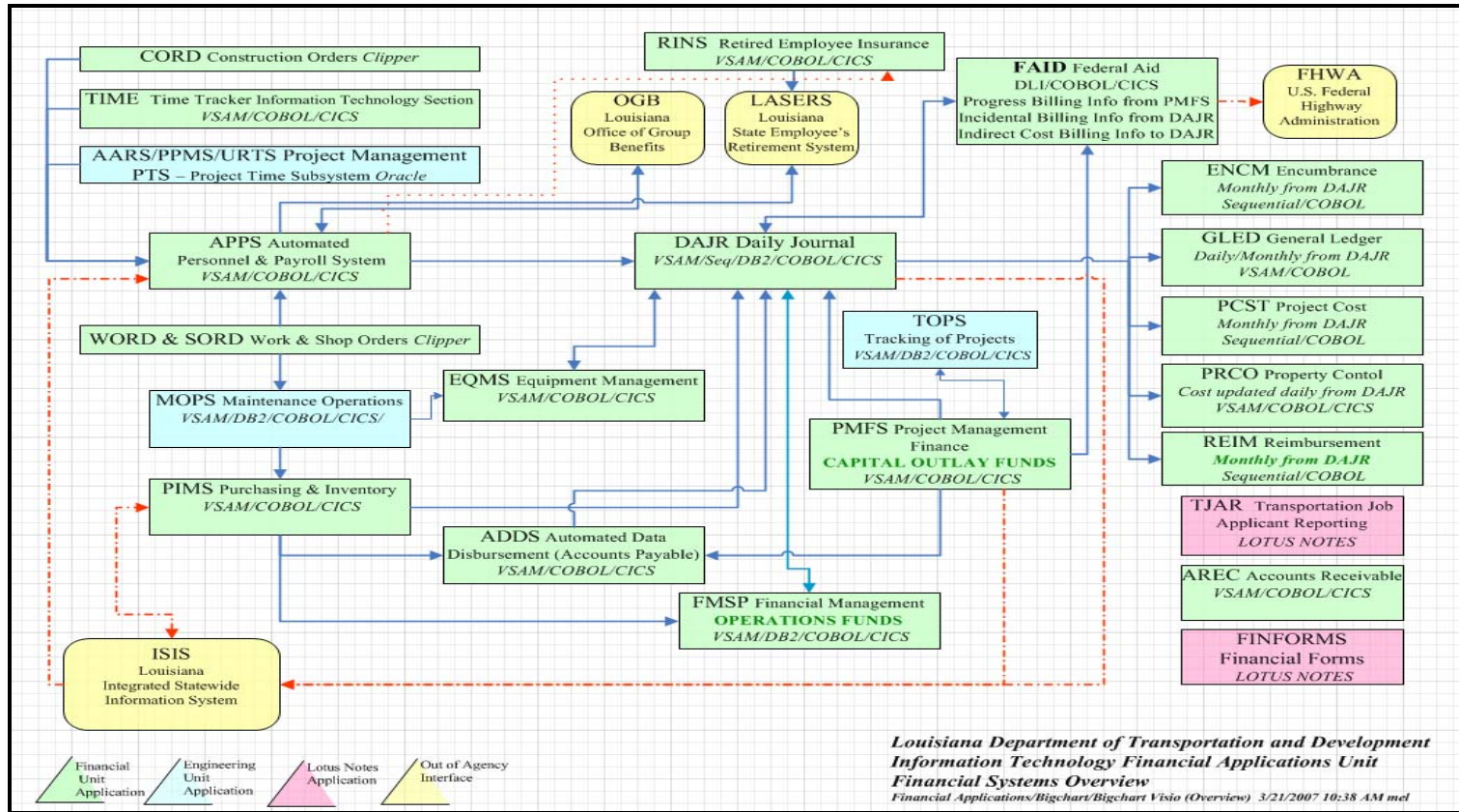
## Prior to LaGov

- **An Asset Management system needed**
  - Legacy work order system did not provide needed functionality
  - Work order process (maintenance activities) could not be directly integrated with financial reporting
- **A need to capture project lifecycle costs more accurately**
  - Legacy project numbering segregated construction lifecycle (Feasibility, Utility, Design, Construction, etc.)
  - Financial and Engineering systems not integrated / maintained by separate design groups
  - Total lifecycle costs difficult to impossible to obtain



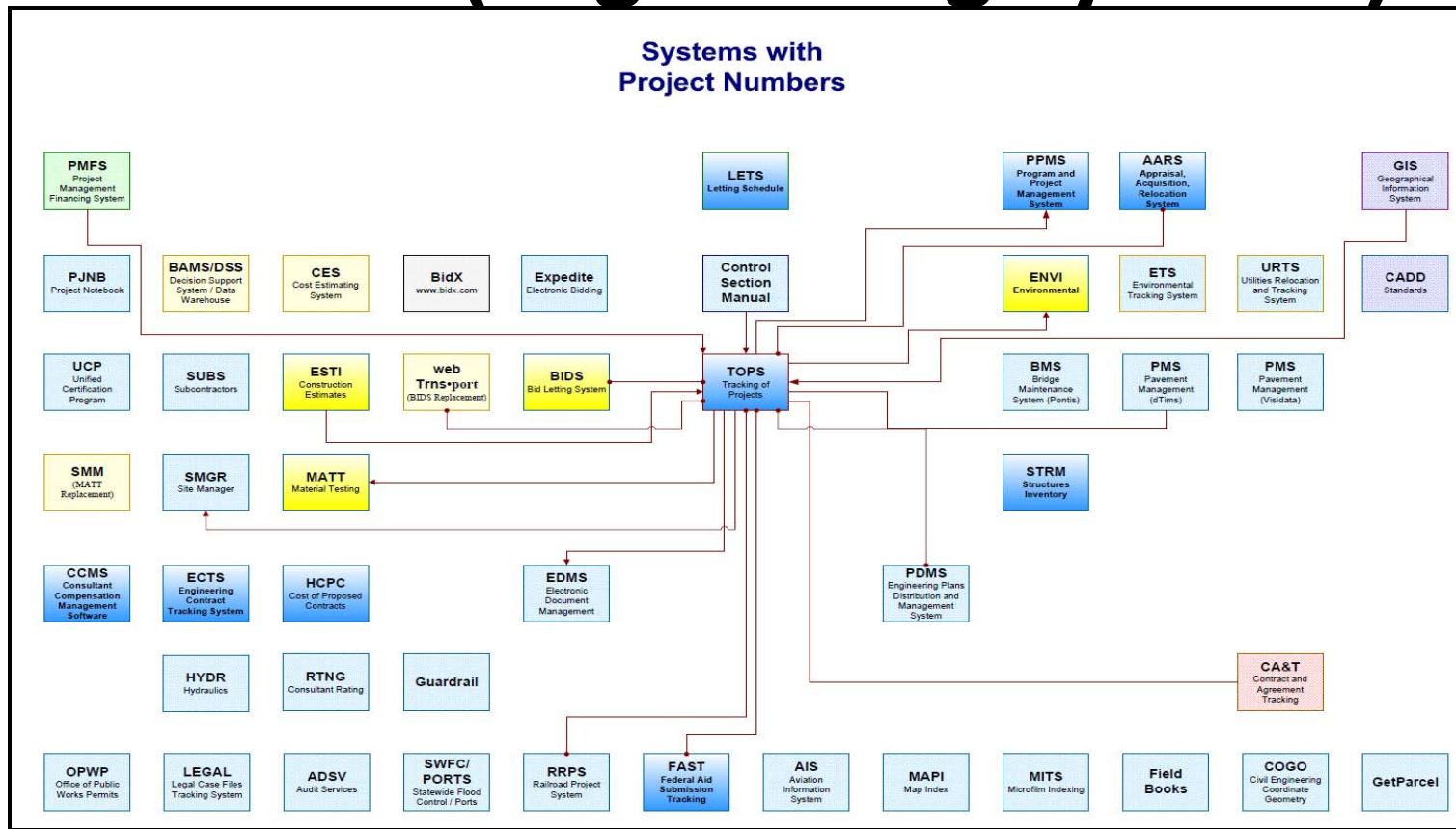


# Prior to LaGov (Financial Systems)



*Louisiana Department of Transportation and Development  
Information Technology Financial Applications Unit  
Financial Systems Overview  
Financial Applications/Bigchart/Bigchart Visio (Overview) 3/21/2007 10:38 AM mel*

# Prior to LaGov (Engineering Systems)





# LaGov Implementation at DOTD





# State Goals

- Replace legacy statewide financial / business systems
- Integrated systems
- Common database
- Provide a unified Data Warehouse
- Improve business efficiency
- Provide increased functionality and analysis
- Bring DOTD (last state agency) on State systems





# DOTD Goals

- Replace DOTD legacy financial & project systems
- Enable project (Trns.port) functionality
- Integrated system with common database
- Improve business efficiency
- Provide increased functionality and analysis
- Fully integrate financial, maintenance, and project systems
- Simplify Maintenance Work Order process
- Master Project Number and structure to better address project lifecycle
- Predictive Modeling for maintenance activities
- Remove reliance on legacy application support







# Calendar of events

- Late 2006
  - Louisiana visited 6 States using an ERP solution
  - Kentucky – AMS
  - Idaho – AMS
  - North Dakota – PeopleSoft/Oracle
  - Wyoming – PeopleSoft/Oracle
  - Pennsylvania – SAP
  - North Carolina – SAP
- Early 2007** – **Louisiana hired consultant to develop RFP**
- August 2007 – RFP advertised
- Late 2007 – Response evaluations / shortlist presentations
- Early 2008 – Contract negotiations
- May 2008** – **Awarded Contract**
- July 2008 – LaGov team occupies 5<sup>th</sup> & 6<sup>th</sup> floor DOTD EW
- Oct 2009** – **Project became DOTD only pilot**
- Nov 2010 – Go-Live for DOTD





# LaGov Project Overview (as Planned)

## Statewide Rollout to include:

### Departments:

1. Department of Veterans Affairs
2. Secretary of State
3. Department of Justice / Office of the Attorney General
4. Department of the Treasury
5. Department of Public Services
6. Department of Agriculture and Forestry
7. Department of Insurance
8. Department of Economic Development
9. Department of Culture, Recreation and Tourism
10. Department of Transportation and Development
11. Department of Public Safety and Corrections
12. Department of Health and Hospitals
13. Department of Social Services
14. Department of Natural Resources
15. Department of Revenue
16. Department of Environmental Quality
17. Department of Labor
18. Department of Wildlife and Fisheries
19. Department of Civil Service
20. Department of Education.

### Division of Administration – Project Owner

- Office of Contractual Review
- Office of Risk Management
- Office of Technology Management
- Office of Financial Support Services
- Office of State Purchasing
- Office of State Reporting & Accounting Policy
- Office of Facility Planning
- Louisiana Property Assistance

### Other Organizations

1. Office of the Governor
2. Office of the Lieutenant Governor
3. Special Schools and Commissions
4. Other Requirements
5. Non-Appropriation Requirements
6. Ancillary Operations
7. Capital Outlay



# LaGov Project Overview (as Implemented)

## DOTD Pilot:

### Departments:

1. Department of Veterans Affairs
2. Secretary of State
3. Department of Justice / Office of the Attorney General
4. Department of the Treasury
5. Department of Public Services
6. Department of Agriculture and Forestry
7. Department of Insurance
8. Department of Economic Development
9. Department of Culture, Recreation and Tourism
- 10. Department of Transportation and Development**
11. Department of Public Safety and Corrections
12. Department of Health and Hospitals
13. Department of Social Services
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# LaGov Project Overview (as of 08/2014)

## Departments:

1. Department of Veterans Affairs
2. Secretary of State
3. Department of Justice / Office of the Attorney General
4. Department of the Treasury
5. Department of Public Services
6. Department of Agriculture and Forestry
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15. Department of Revenue
- 16. Department of Environmental Quality**
17. Department of Labor
- 18. Department of Wildlife and Fisheries**
19. Department of Civil Service
20. Department of Education.
- 21. Coastal Protection and Restoration Authority**

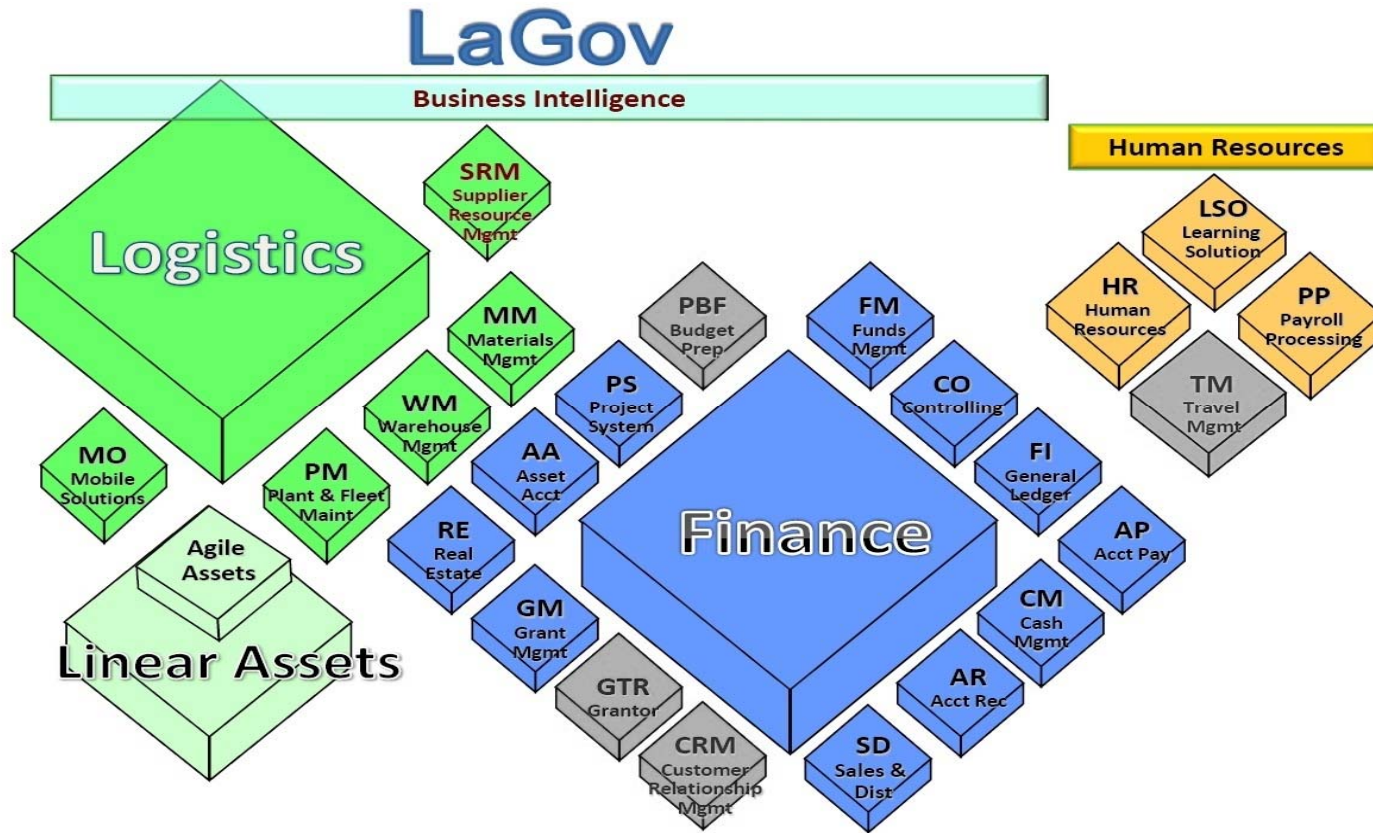
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# LaGov System Diagram





# LaGov Technical Specifications

- **SAP**
  - HCM (HR / Payroll) – in production since 2000
  - ECC – Enterprise Core Component
  - SRM – Supplier Resource Management
  - BI – Business Intelligence / Data Warehouse Reporting
- **Agile Assets**
  - Maintenance Management
  - Infrastructure Analysis / Planning





# LaGov Interface Points

- SAP to FHWA RASPS
- SAP to FHWA FMIS
- FHWA FMIS to SAP
- Agile to SAP – Work orders and labor, equipment and materials used on the work order
- SAP to Chase Bank (financial institution used by State) – payments to vendors
- SAP to AFS (State Financial System) – expenditures
- AFS to SAP – revenues (The State Treasurer’s office requires revenue be entered into their system)
- TRNS.PORT to SAP – POs, change orders and invoices





# Customizations

- SAP SRM (Supplier Resource Management)
- SAP Federal Billing
  - RASPS
  - FMIS
- SAP Project Systems
  - PFFT – Project Federal Funding Table
  - STIP – State Transportation Improvement Plan
  - HPP – Highway Priority Plan
  - DOTD Custom User Tabs





# **LaGov Post Go-Live & Current Status at DOTD**







# Process Improvement for RASPS Billing

Legacy billing	LaGov billing
Progress billing: on 9 <sup>th</sup> , 18 <sup>th</sup> and 30 <sup>th</sup> day Incidental billing: after month-end Indirect Cost (IDC) billing: after month-end	'Daily billing' of Progress, Indirect Cost (IDC), Incidental (Labor) and Incidental (Eqpt usage), taking into account State & Federal holidays
Indirect Cost (IDC) billing: on negotiated %	Indirect Cost (IDC) billing: on negotiated %
Incidental (Labor) billing: Additive Rate basis	Incidental (Labor) billing: Actual cost basis
Incidental (C&MT) billing: Per piece Rate basis	Incidental (C&MT) billing: Discontinued
Incidental (Eqpt use) billing: DOTD Rate basis	Incidental (Eqpt use) billing: FEMA rates basis
FMIS authorization: Manual process	FMIS authorization: Automated Interface





# Project Numbers

- Federal Project Number Scheme
  - Hnnnnnn
  - Active legacy federal project numbers are retained for FHWA
- State Project Number Scheme
  - H.nnnnnn
    - Phases are represented in the following manner: H.nnnnnn.n

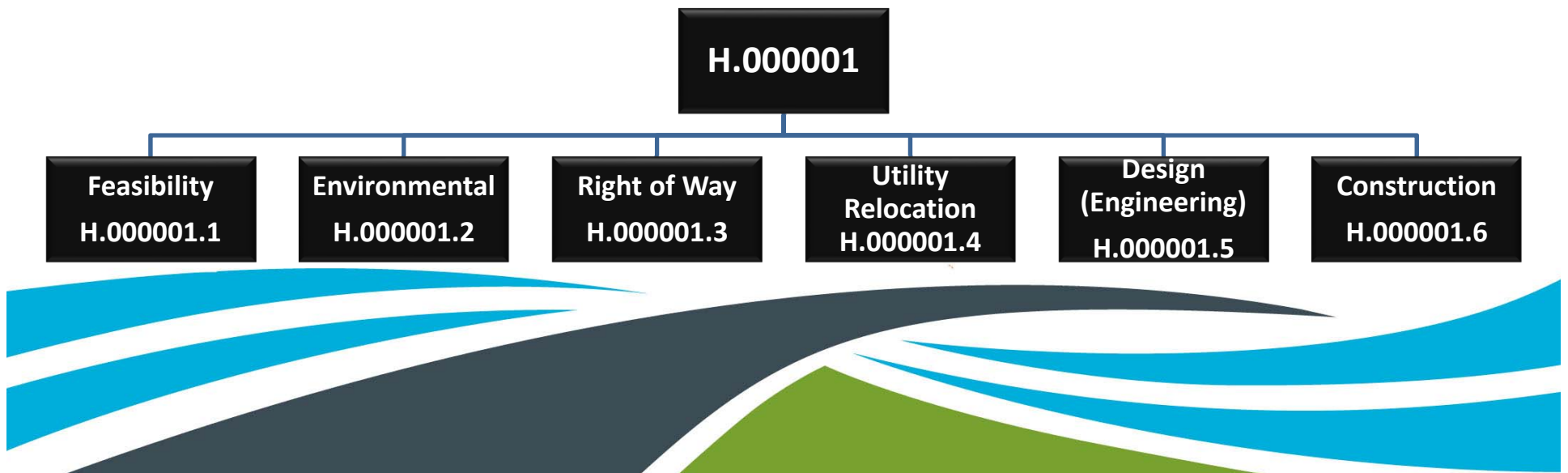






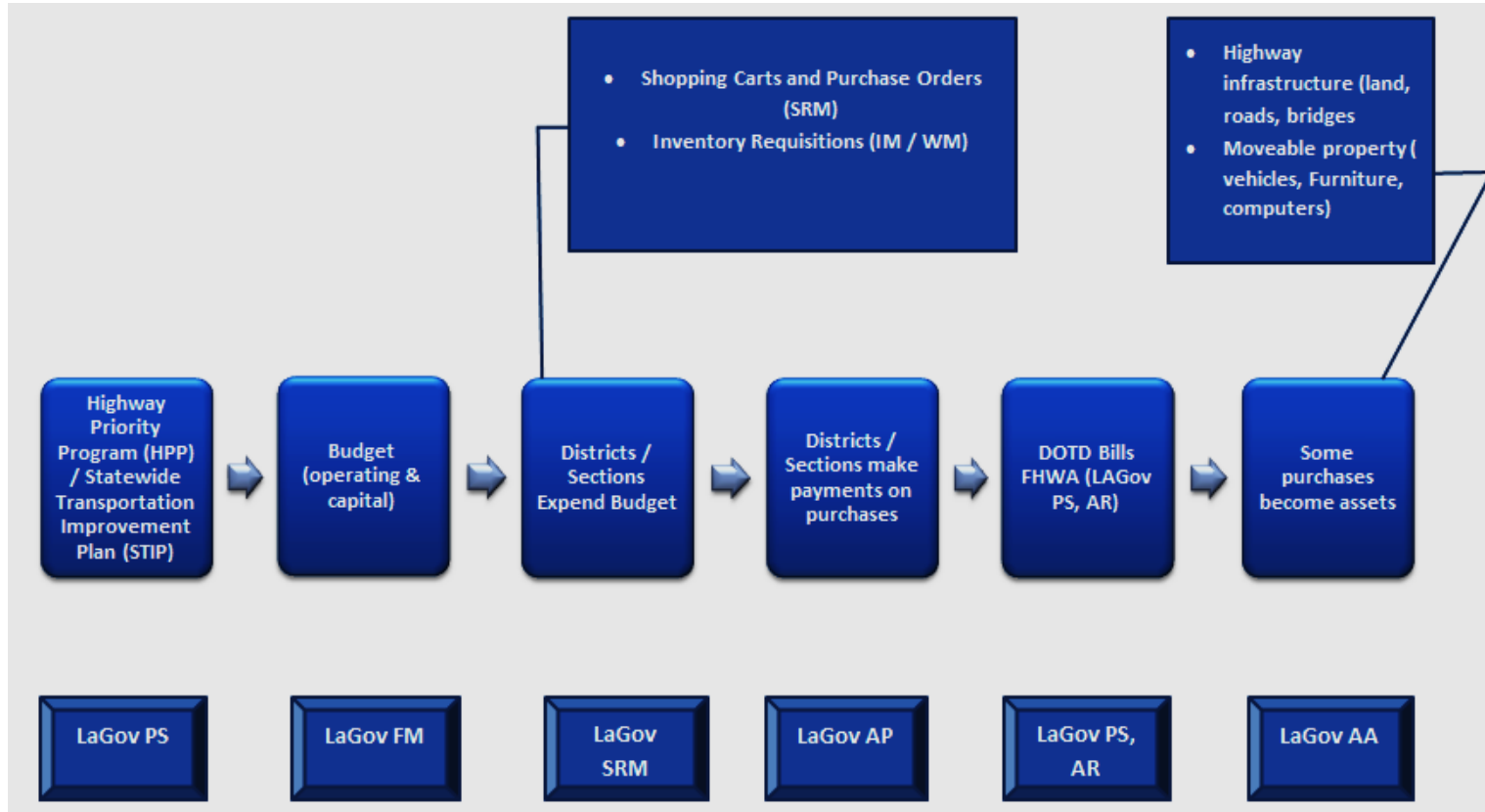
# Project Structures Template

- This is the standard template for projects
- Also used for contracted construction/repair work (emergency repair and permanent restoration) not on an active project site as a result of an emergency project site.
- Project description, DIR # and funding sources will specifically identify the nature of the project.

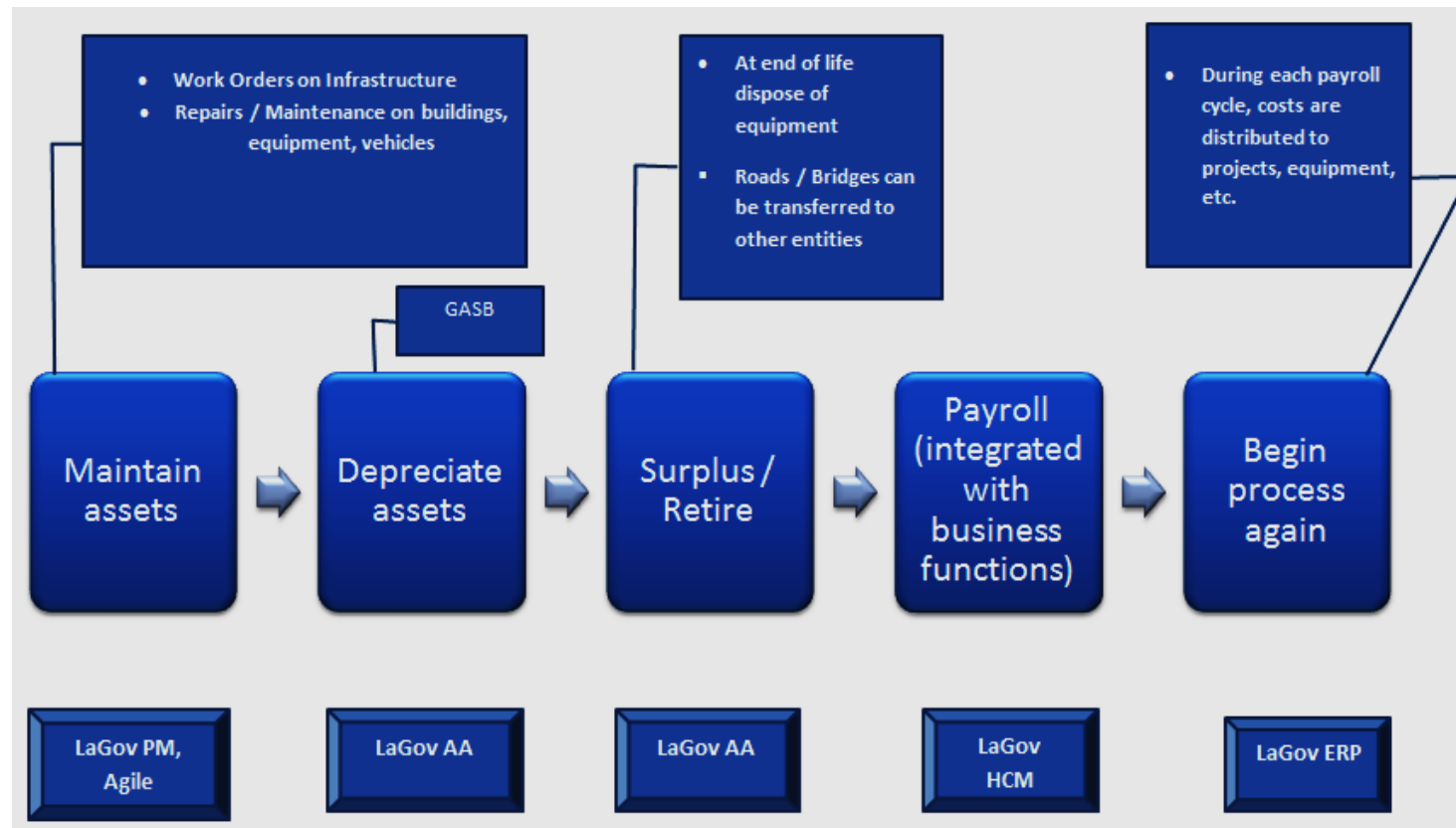




# LaGov – Business Information Lifecycle - Page 1



# LaGov – Business Information Lifecycle - Page 2



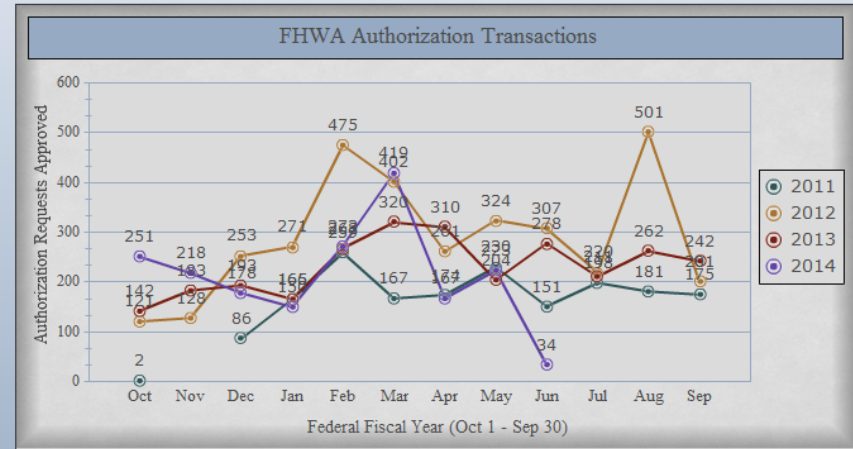
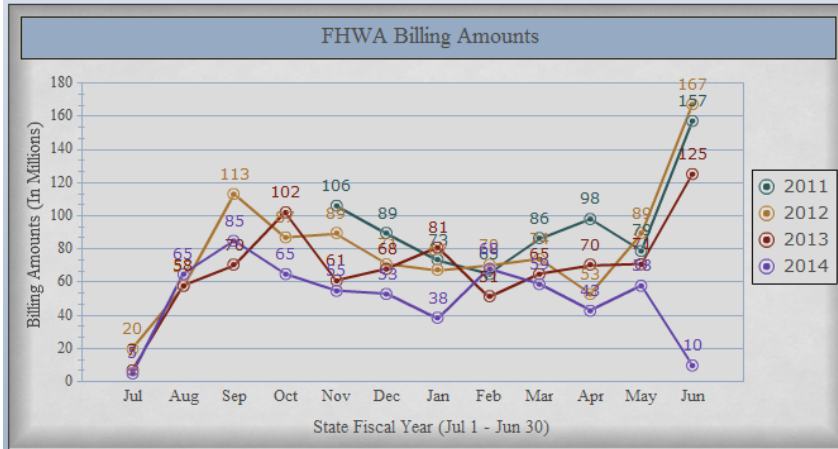


# Selected LaGov Metrics (as of June 30, 2014)

- DOTD Payments issued through LaGov \$5,544 (million)
  - Construction payments \$3,633 (million)
- All Invoices paid through LaGov 379,665
  - Construction Invoices (Estimates) 14,007
- FHWA Reimbursements \$3,191 (million)
- FHWA Authorizations 10,208
- DOTD Employees 4,184
  - With access to LaGov 2,467



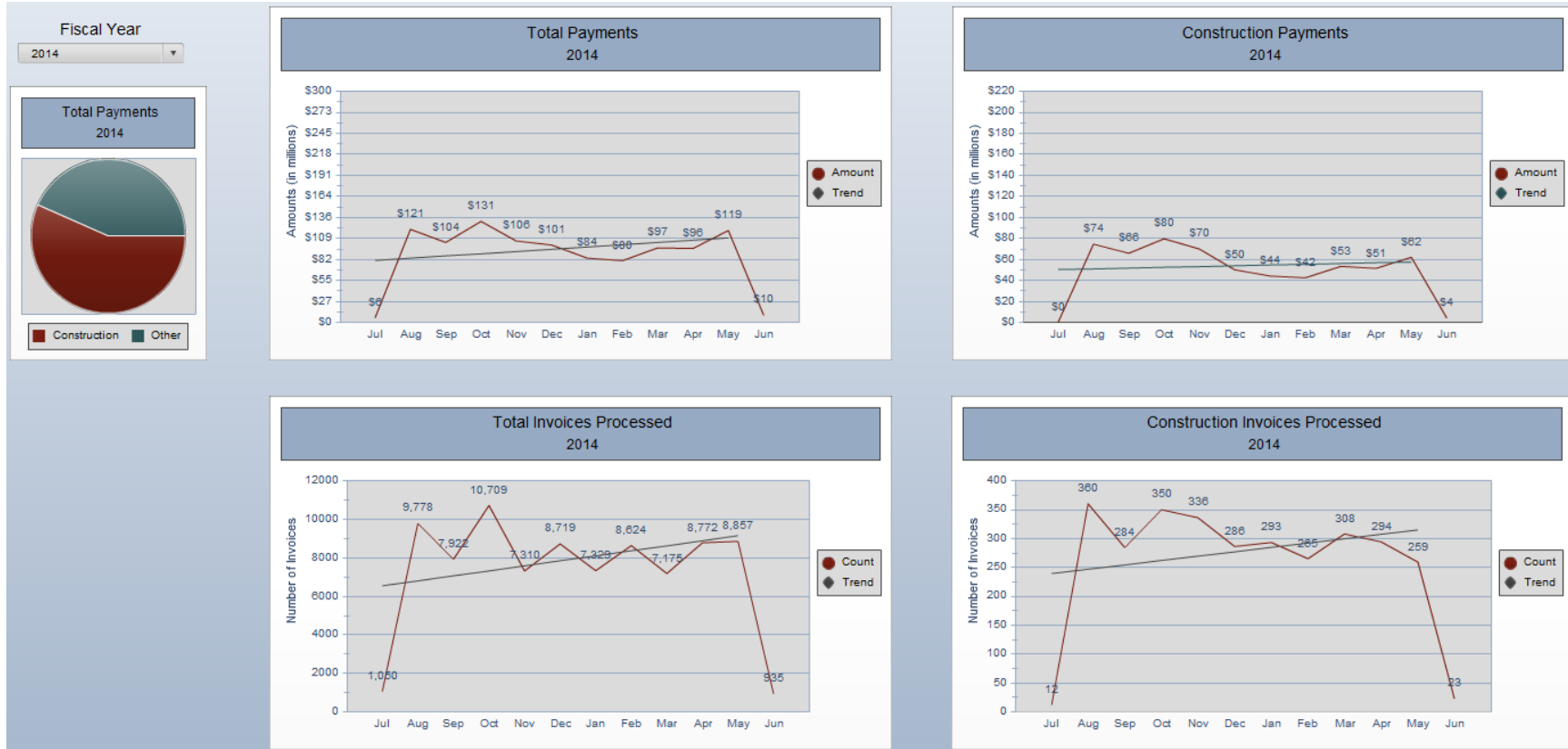
# Example Reports & Tools



Executive Dashboards – FHWA displays. Provided by **DOA**.



# Example Reports & Tools



Executive Dashboards – Payment displays. Provided by DOA.





# Example Reports & Tools

Input Controls - Expenditures by CI Category

New | Map | Reset | ↑ | ↓

Fiscal Year

Select (All)

FY2012

FY2013

FY2014

Period

Select (All)

01

02

03

04

05

06

07

Section/District

Select (All)

13 - INFORMATION SERVICES

Commitment Item Category

Select (All)

511 - TOTAL SALARIES

512 - TOTAL OTHER COMP

513 - TOTAL RELATED BENF

520 - TOTAL TRAVEL

530 - TOTAL OPERATING SERV

540 - TOTAL SUPPLIES

550 - TOTAL PROF SERVICES

**YTD Expenditures by Commitment Item Category**

Fiscal Year	YTD Expenditures
FY2012	6,788,961.34
FY2013	5,721,528.64
FY2014	5,978,398.89

**YTD Encumbrances by Commitment Item Category**

Fiscal Year	YTD Encumbrances
FY2012	590,366.42
FY2013	1,074,180.94
FY2014	-78,098.67

**YTD Consumption by Commitment Item Category**

Fiscal Year	YTD Consumption
FY2012	7,379,327.76
FY2013	6,795,709.58
FY2014	5,900,300.22

Summary Totals	Current Budget	YTD Expenditures	YTD Commitments	YTD Consumption	% Spent
FY2012	\$8,376,015.00	\$6,788,961.34	590,366.42	\$7,379,327.76	88.10
FY2013	\$8,748,600.00	\$5,721,528.64	1,074,180.94	\$6,795,709.58	77.67
FY2014	\$8,532,600.00	\$5,978,398.89	-78,098.67	\$5,900,300.22	69.15

June 4, 2014

FY2012;FY2013;FY2014      01;02;03;04;05;06;07;08;09;10;11

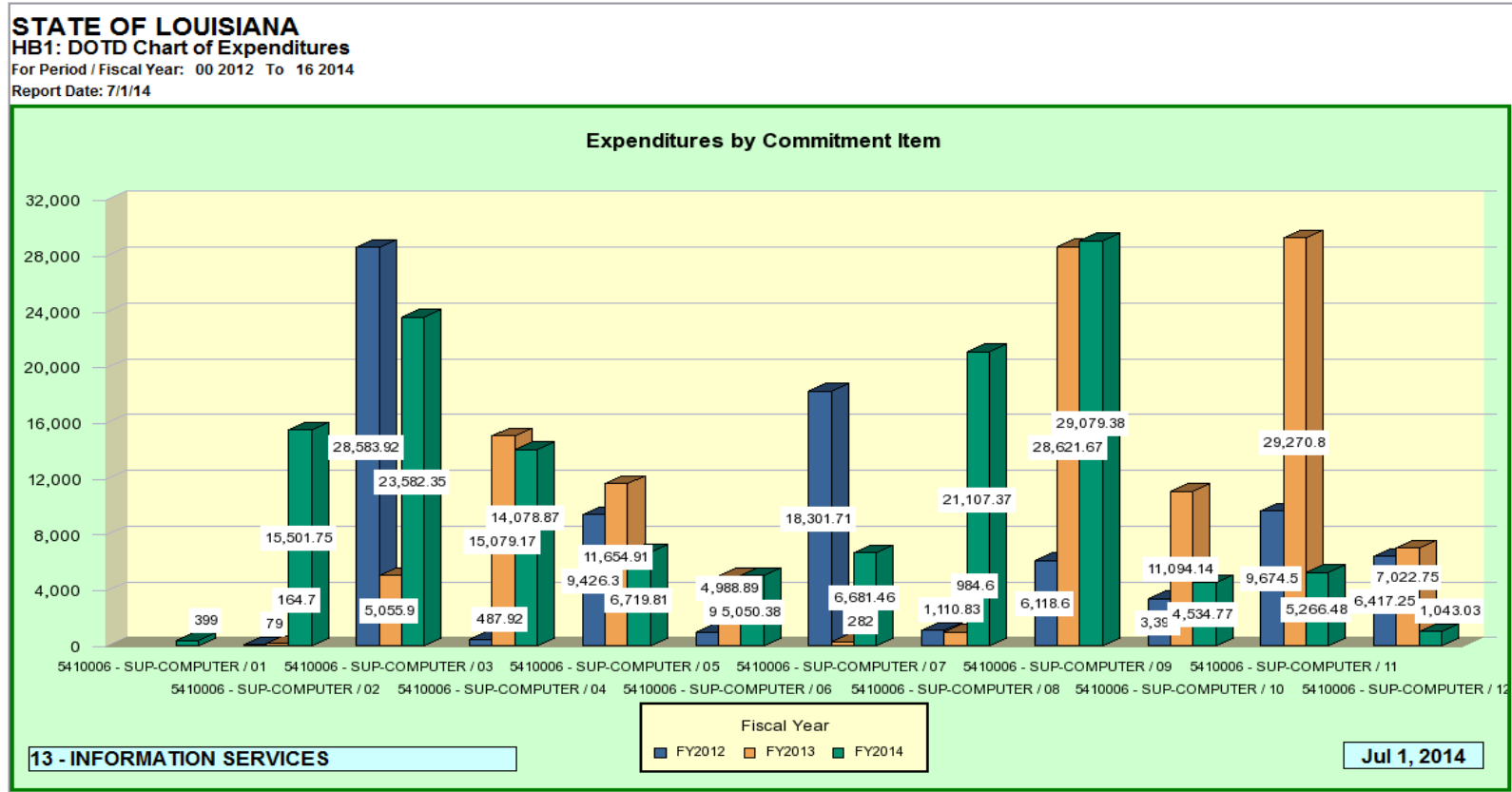
13 - INFORMATION SERVICES

530 - TOTAL OPERATING SERV

**DOTD** has developed reports for our District Business Offices to help them better manage their budget. We are charting expenditures over several fiscal years to help them determine how expenditures are matching with previous fiscal years.



# Example Reports & Tools



Another tab in the **DOTD** District Budget Expenditure report.







# Example Reports & Tools



**Project Phase**  
 Select (All)  
 1-Feasibility  
 2-Environmental  
 3-Right of Way  
 4-Utility Relocation  
 5-Design (Engineering)  
 6-Construction

**Letting Date From**

**Letting Date To**

**Days to Any Milestone Target**  
 Select (All)  
 < 30 days  
 < 45 days  
 OK >45 Days

**Letting Dates (Default is Hqtrs Lettings)**  
 Select (All)  
 --  
 2013-06-26  
 2014-06-25  
 2014-06-30

**PDD (Days remaining to target date-9999 for all)**

**Project**

**Fund Type**  
 Select (All)

**STATE OF LOUISIANA**  
**Letting List - Milestone Analysis (<30 / <45 / >45 Days to Target)**  
 Report Data: 7/1/14

Project	Control Section	Project Name	Program Manager	Project Manager	Fund Type	Cat	Cost (x \$1,000)	FHWA Auth Date	Days to ANY Milestone Target	F-Plans Date	Days to PDD	PDD Date	Proposed PDD	Proposed PDD % Comp.	Letting Date	Proposed Letting Date
H.003363	451-30	I20 PHASE 1 SIGN UPGRADE- I20 TO LA 173	ALLAIN, PETER	COURTER, KAY	NHPP	OE	1,810	03/24/2014	< 30 days	03/28/2014	-88	04/04/2014			06/25/2014	
H.006738	000-08	KIDS ON THE MOVE PH. 2	PARSONS, BRIAN	GROS, SCOTT	SR2S	SA	200	02/14/2011	< 30 days	04/24/2014	-60	05/02/2014			08/13/2014	
H.008046	626-03	LA 3152 - CLEARVIEW OPERATIONAL IMPRV.	SHOLMRE, DAWN	FOSTER, AMANDA	STP-200K	US	846	#	< 30 days	05/23/2014	-32	05/30/2014			08/13/2014	
H.011272	450-30	I-10 & I-210: PAVEMENT MARKING REPL. #	ALLAIN, PETER	COLVIN, JODY	NHPP	OE	638	#	< 30 days	06/06/2014	-25	06/08/2014			08/13/2014	
H.011272	450-91	I-10 & I-210: PAVEMENT MARKING REPL. #	ALLAIN, PETER	COLVIN, JODY	NHPP	OE	638	#	< 30 days	06/06/2014	-25	06/08/2014			08/13/2014	
H.003432	454-03	I-12 & U.S.51 BUS INTERCHANGE IMP.	COURTADE, KARLA	OLVIER, NICHOLAS	HSIP	SA	4,673	#	< 30 days	06/26/2014	-5	06/28/2014			08/13/2014	
H.003432	853-36	I-12 & U.S.51 BUS INTERCHANGE IMP.	COURTADE, KARLA	OLVIER, NICHOLAS	HSIP	SA	4,673	#	< 30 days	06/26/2014	-5	06/28/2014			08/13/2014	
H.010781	832-12	LA 1032: LA 16 - US 190	COURTADE, KARLA	BRANTON, JENNIFER	HSIPPEN	SA	3,437	#	< 30 days	06/27/2014	-4	06/27/2014			08/13/2014	
H.011206	000-52	REPLACE HIGH VOLTAGE CABLE SUPPORT TRAY	MILLER, DAVID	FLETCHER, CURTIS	ER	OT	1,221	#	< 30 days	06/24/2014	-4	06/27/2014			08/13/2014	
H.011231	000-52	NORTH CONTROL PLAZA SCOUR PROTECTION	MILLER, DAVID	FLETCHER, CURTIS	ER	OT	174	#	< 30 days	06/24/2014	-4	06/27/2014			08/13/2014	
H.009842	001-09	US 80: LA 617 - LA 34 SIDEWALKS	RIGGS, LAURA	HICKS, MELVIN	TAP-200K	EN	1,378	#	< 30 days	07/01/2014	1	07/02/2014			08/13/2014	
H.010911	451-05	I-20: MEDIAN CABLE (LINCOLN/OUACHITA)	COURTADE, KARLA	HICKS, MELVIN	HSIPPEN	SA	9,442	#	< 30 days	06/12/2014	1	07/02/2014			08/13/2014	
H.010911	451-06	I-20: MEDIAN CABLE (LINCOLN/OUACHITA)	COURTADE, KARLA	HICKS, MELVIN	HSIPPEN	SA	9,442	#	< 30 days	06/12/2014	1	07/02/2014			08/13/2014	
H.009999	015-31	LA 594: TURN LN @ US 165 SERVICE RD.	COURTADE, KARLA	HICKS, MELVIN	HSIPPEN	SA	2,054	05/08/2014	< 30 days	07/01/2014	6	07/07/2014			08/13/2014	
H.009999	015-31	LA 594: TURN LN @ US 165 SERVICE RD.	COURTADE, KARLA	HICKS, MELVIN	RAIL HE	RR	450	05/08/2014	< 30 days	07/01/2014	6	07/07/2014			08/13/2014	
H.009999	326-01	LA 594: TURN LN @ US 165 SERVICE RD.	COURTADE, KARLA	HICKS, MELVIN	HSIPPEN	SA	2,054	05/08/2014	< 30 days	07/01/2014	6	07/07/2014			08/13/2014	

DOTD developed Bi-Weekly Project Letting Status Report allows project development staff to focus on projects that require attention.





# Example Reports & Tools

STATE OF LOUISIANA - Department of Transportation and Development																									
Letting List																									
Report Data: 7/1/14																									
PROJ:	H.006738	KIDS ON THE MOVE PH. 2			RR	NA	ENVIRON	10/14/2013	APP	COSTS (X \$1,000) FUNDING															
FEDL:	H006738	SIDEWALK REPAIR, SIGNS AND PAVEMENT MARKINGS			COE	NA	SURVEY	#	#	CONS	200	SR2S	SA												
DESIGNER:	Not assigned	Bridge: Not assigned			CG	NA	P-PLANS	#	#																
PROJ MGR:	GROS, SCOTT	Road: Not assigned			CGN	NA	RW-MAP	#	#																
REMARKS 1:	#				WQC	NA	F-PLANS	04/24/2014	99%																
REMARKS 2:	#				CUP	NA	RW	#	NA																
<table border="1"> <thead> <tr> <th>Parish</th><th>District</th><th>Route</th><th>Cntrl Sectn</th><th>Length</th></tr> </thead> <tbody> <tr> <td>BOSSIER</td><td>04</td><td>Not assigned</td><td>000-08</td><td>0</td></tr> </tbody> </table>					Parish	District	Route	Cntrl Sectn	Length	BOSSIER	04	Not assigned	000-08	0	<table border="1"> <tr> <td>CONS AUTH</td><td>02/14/2011</td></tr> </table>		CONS AUTH	02/14/2011							
Parish	District	Route	Cntrl Sectn	Length																					
BOSSIER	04	Not assigned	000-08	0																					
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LETTING	08/13/2014																								
PROJ:	H.011272	I-10 & I-210: PAVEMENT MARKING REPL. II			RR	NA	ENVIRON	04/02/2014	APP	COSTS (X \$1,000) FUNDING															
FEDL:	H011272	REMOVE AND REPLACE EXISTING PAVEMENT MARKINGS			COE	NA	SURVEY	#	#	CONS	173	NHPP	OE												
DESIGNER:	Not assigned	Bridge: Not assigned			CG	NA	P-PLANS	05/05/2014	NA																
PROJ MGR:	COLVIN, JODY	Road: Not assigned			CGN	NA	RW-MAP	#	#																
REMARKS 1:	#				WQC	NA	F-PLANS	06/06/2014	COMP																
REMARKS 2:	#				CUP	NA	RW	#	#																
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FEDL:	H011272	REMOVE AND REPLACE EXISTING PAVEMENT MARKINGS			COE	NA	SURVEY	#	#	CONS	465	NHPP	OE												
DESIGNER:	Not assigned	Bridge: Not assigned			CG	NA	P-PLANS	05/05/2014	NA																
PROJ MGR:	COLVIN, JODY	Road: Not assigned			CGN	NA	RW-MAP	#	#																
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DESIGNER:	Not assigned	Bridge: Not assigned			CG	NA	P-PLANS	05/05/2014	NA																
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REMARKS 1:	#				WQC	NA	F-PLANS	06/06/2014	COMP																
REMARKS 2:	#				CUP	NA	RW	#	#																
<table border="1"> <thead> <tr> <th>Parish</th><th>District</th><th>Route</th><th>Cntrl Sectn</th><th>Length</th></tr> </thead> <tbody> <tr> <td>CALCASIEU</td><td>07</td><td>I-210</td><td>450-30</td><td>2.23</td></tr> </tbody> </table>					Parish	District	Route	Cntrl Sectn	Length	CALCASIEU	07	I-210	450-30	2.23	<table border="1"> <tr> <td>CONS AUTH</td><td>#</td></tr> </table>		CONS AUTH	#							
Parish	District	Route	Cntrl Sectn	Length																					
CALCASIEU	07	I-210	450-30	2.23																					
CONS AUTH	#																								
					<table border="1"> <tr> <td>LETTING</td><td>08/13/2014</td></tr> </table>		LETTING	08/13/2014																	
LETTING	08/13/2014																								

DOTD Bi-Weekly Project Letting Status Report details tab.





# Example Reports & Tools

Input Controls - Contract-PO

New | Map | Reset | ↑ | ↓

v-Strategic-Sourcing-type

Select (All)

Fuel

Other

Waste Mgmt

L01 Plant Key

Select (All)

273A

276A

276B

276C

### STATE OF LOUISIANA

#### Contract Usage - PO Raw Data

Report Date: 7/1/14

Contract Number	v_Contract Item Number	PO Name	Purchase Order	Plant Name	PO Doc Date	L01 Plant
440000565	0003	P00009724 02/12/2014 07:47	2000066474	DOTD Eng&Operations/Agency 276	2/12/2014	276A 276 DO
440000565	0001	P00009724 02/26/2014 09:03	2000067495	DOTD Eng&Operations/Agency 276	2/26/2014	276A 276 DO
440000565	0008	P00009724 02/26/2014 09:03	2000067495	DOTD Eng&Operations/Agency 276	2/26/2014	276A 276 DO
440000565	0001	Fuel delivered to HQ for ice storm	2000070242	DOTD Eng&Op-Lake Charls/Dist07	4/03/2014	276M 276 DO
440000565	0001	Fuel delivered to HQ for ice storm	2000070242	DOTD Eng&Op-Lake Charls/Dist07	4/03/2014	276M 276 DO
440000565	0007	Fuel delivered to HQ for ice storm	2000070242	DOTD Eng&Op-Lake Charls/Dist07	4/03/2014	276M 276 DO
4400002912	0002	P00069865 08/15/2013 11:19	2000054165	DOTD Eng&Op-Monroe/District 05	8/15/2013	276L 276 DO
4400002912	0002	P00069865 09/18/2013 11:41	2000056918	DOTD Eng&Op-Monroe/District 05	9/18/2013	276L 276 DO
4400002912	0002	P00069865 10/25/2013 14:08	2000059973	DOTD Eng&Op-Monroe/District 05	10/25/2013	276L 276 DO
4400002912	0002	P00069865 12/12/2013 09:32	2000063118	DOTD Eng&Op-Monroe/District 05	12/12/2013	276L 276 DO
4400002912	0002	P00069865 02/05/2014 09:08	2000065923	DOTD Eng&Op-Monroe/District 05	2/05/2014	276L 276 DO
4400002912	0002	P00069865 04/01/2014 15:46	2000070027	DOTD Eng&Op-Monroe/District 05	4/01/2014	276L 276 DO
4400002912	0002	P00069865 05/28/2014 16:00	2000073796	DOTD Eng&Op-Monroe/District 05	5/28/2014	276L 276 DO
4400002913	0007	Copy of the order 2000047543	2000051238	DOTD Eng&Op-Lafayette/Dist 03	7/09/2013	276J 276 DO
4400002913	0009	Copy of the order 2000047543	2000051238	DOTD Eng&Op-Lafayette/Dist 03	7/09/2013	276J 276 DO
4400002917	0020	P00070835 07/17/2013 10:13	2000051784	DOTD Eng&Op-Lake Charls/Dist07	7/17/2013	276M 276 DO
4400002917	0011	P00201436 07/17/2013 15:44	2000051855	DOTD Eng&Op-Alexandria/Dist 08	7/17/2013	276N 276 DO
4400002917	0016	P00070835 07/30/2013 15:09	2000052871	DOTD Eng&Op-Lake Charls/Dist07	7/30/2013	276M 276 DO

DOTD developed Special Report for the State's Strategic Sourcing Initiative.

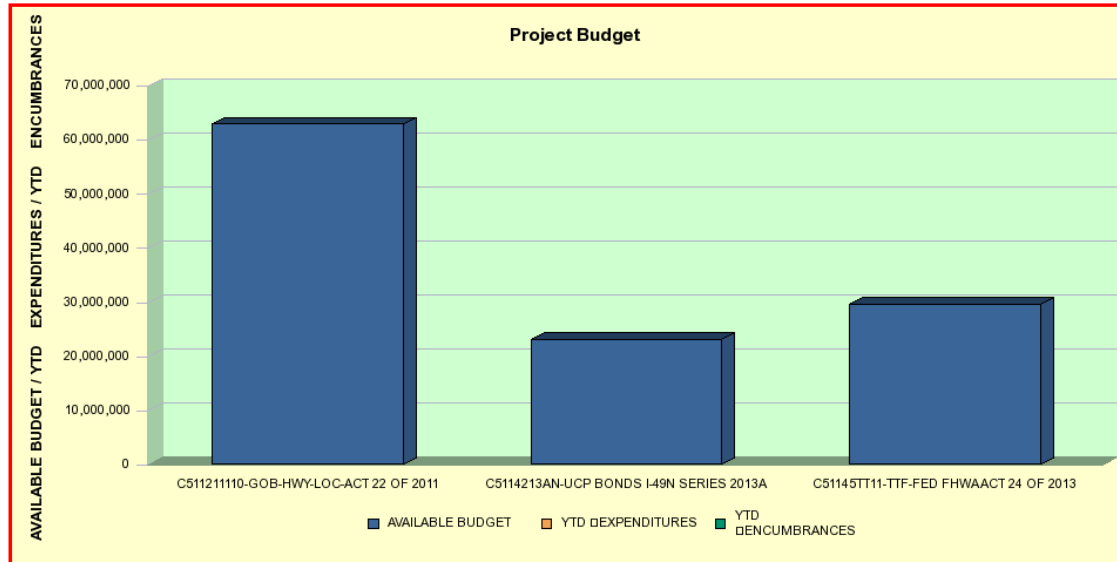




# Example Reports & Tools

STATE OF LOUISIANA    DOTD Special Project Report  
 Report Date: Jun 03, 2014

Project - Project Name	Fund - Fund Name	Fiscal Year	Budget	Encumbrances	Expenditures	Consumption	Remaining
H.011111-I-49 NORTH, SEGMENT K - PHASE 2	C511211110-GOB-HWY-LOC-ACT 22 OF 2011	2014	\$63,000,000.00				\$63,000,000.00
H.011111-I-49 NORTH, SEGMENT K - PHASE 2	C5114213AN-UCP BONDS I-49N SERIES 2013A	2014	\$23,113,183.00				\$23,113,183.00
H.011111-I-49 NORTH, SEGMENT K - PHASE 2	C51145TT11-TTF-FED FHWA ACT 24 OF 2013	2014	\$29,664,000.00				\$29,664,000.00
		Sum:	\$115,777,183.00				\$115,777,183.00



**DOTD** developed Project Budget Report and Chart.





# Example Reports & Tools

**STATE OF LOUISIANA**  
**PO Eligible for Carry Forward by Plant by PO Item**  
**Report Date: 5/20/14**  
**Fiscal Year: 2014**

Plant	PO Number	Item	PO Name	Buyer	Create Date	Supplier Number	Supplier Name	Grant	Order	WBS Element	Acct Item	Fund Name	CC / FC	GL / CI	Total Value	Remaining Encum	Last Activity Date	Age	Last Act FY	
278R	2000000033	0001	018-30-0025/Richard Lambert	TARA MCCANN	11/10/2010	310010476	RICHARD C LAMBERT CONSULTANTS LLC	NOT RELEVANT	#	H.000690.6	0001	C51095TT11	270TFAHOAR	5710117	\$51,423.20	\$1,257.51	2013/11	242	2014	
278R	2000000033	0001	018-30-0025/Richard Lambert	TARA MCCANN	11/10/2010	310010476	RICHARD C LAMBERT CONSULTANTS LLC	NOT RELEVANT	#	H.000690.6	0002	C51095TT11	270TFAHOAR	5710103	\$205,692.80	\$4,008.13	2013/11	242	2014	
Sum:																\$257,116.00	\$5,265.64			

Plant	PO Number	Item	PO Name	Buyer	Create Date	Supplier Number	Supplier Name	Grant	Order	WBS Element	Acct Item	Fund Name	CC / FC	GL / CI	Total Value	Remaining Encum	Last Activity Date	Age	Last Act FY	
278M	2000000542	0001	450-30-0076 / LPA Group	TARA MCCANN	11/10/2010	310003968	THE LPA GROUP INC	NOT RELEVANT	#	H.003119.6	0001	C51106TT12	270U00H000	5710117	\$82,108.38	\$159.86	2013/08	306	2014	
278M		0001	450-30-0076 / LPA Group	TARA MCCANN	11/10/2010	310003968	THE LPA GROUP INC	NOT RELEVANT	#	H.003119.6	0002	C51106TT12	270U00H000	5710114	\$465,280.82	\$905.90	2013/08	306	2014	
278M		0001	450-30-0076 / LPA Group	TARA MCCANN	11/10/2010	310003968	THE LPA GROUP INC	NOT RELEVANT	#	H.003119.6	0003	C51105TT11	270TF0H000	5710117	\$328,433.52	\$639.48	2013/08	306	2014	
278M		0001	450-30-0076 / LPA Group	TARA MCCANN	11/10/2010	310003968	THE LPA GROUP INC	NOT RELEVANT	#	H.003119.6	0004	C51105TT11	270TF0H000	5710114	\$1,861,123.28	\$3,623.70	2013/08	306	2014	
2000000542 Sum:																\$2,736,946.00	\$5,328.94			

Plant	PO Number	Item	PO Name	Buyer	Create Date	Supplier Number	Supplier Name	Grant	Order	WBS Element	Acct Item	Fund Name	CC / FC	GL / CI	Total Value	Remaining Encum	Last Activity Date	Age	Last Act FY	
273A	2000000550	0001	700-07-0108 NTB	TARA MCCANN	11/10/2010	310003205	NTB INC	NOT RELEVANT	#	H.003825.5	0001	C51095TT11	270TF0H000	5710115	\$4,126.40	\$150.50	2012/04	819	2012	
273A		0001	700-07-0108 NTB	TARA MCCANN	11/10/2010	310003205	NTB INC	NOT RELEVANT	#	H.003825.5	0002	C51076TT12	270U00H000	5710115	\$1,031.60	\$37.63	2012/04	819	2012	
2000000550 Sum:																\$5,158.00	\$188.13			

Plant	PO Number	Item	PO Name	Buyer	Create Date	Supplier Number	Supplier Name	Grant	Order	WBS Element	Acct Item	Fund Name	CC / FC	GL / CI	Total Value	Remaining Encum	Last Activity Date	Age	Last Act FY
278A	2000000566	0001	700-09-0136/Aillet	TARA MCCANN	11/10/2010	310003874	AILLET FENNER JOLLY & MCCLELLAND	NOT RELEVANT	#	H.003886.5	0001	C51115TT11	270TF0H000	5710115	\$72,778.98	\$1,577.79	2011/04	1,162	2011
278A		0001	700-09-0136/Aillet	TARA MCCANN	11/10/2010	310003874	AILLET FENNER JOLLY & MCCLELLAND	NOT RELEVANT	#	H.003886.5	0002	C51096ST40	270STNH000	5710115	\$18,194.75	\$394.45	2011/04	1,162	2011

DOTD Purchase Order Carry Forward Report.







# Example Reports & Tools

**STATE OF LOUISIANA**  
**Bid Tabulation-2014-04-30 Rev 5 - Summary**  
 Report Date: MAY 20, 2014

**Sheet, Aluminum, Flat, .080x60x144 IN**  
 RFx: 3000002632

					Quality Metals Inc				VULCAN INC_VULCAN ALUMINUM				VULCAN INC_VULCAN SIGNS			
					310030300				310035779				310001081			
					4000004378				4000004407				4000004379			
Line	Product Id	Description	Qty.	UOM	Net Price	Net Value.	Supplier Product No.	Bidder Remarks Per Line	Net Price	Net Value.	Supplier Product No.	Bidder Remarks Per Line	Net Price	Net Value.	Supplier Product No.	Bidder Remarks Per Line
0001	11958	SHEET ALUMINUM, FLAT, .080 X 60 X 144 IN	5,040	FT2	\$2.06	\$10,382.40	5052/H-38		\$1.96	\$9,878.40	Vulcan / 5052-H38		\$1.96	\$9,878.40	Vulcan / 5052-H38	
					Sum:	\$10,382.40			Sum:	\$9,878.40			Sum:	\$9,878.40		
					Delivery ARO:	20			Delivery ARO:	60			Delivery ARO:	#		
					Terms:				Terms:				Terms:			
					LA Preference:				LA Preference:				LA Preference:			
					US Preference:				US Preference:				US Preference:			
					Co-Op:				Co-Op:				Co-Op:			
					Bidder Remarks Per RFx:				Bidder Remarks Per RFx:				Bidder Remarks Per RFx:			

DOTD Bid Tabulation Sheet report developed for our Purchasing Section.





# Challenges and Lessons Learned





# Impact of Change

- ERP implementations bring about change in **technology**, change in **tasks**, and change in **structure**.
  - The implementation is not only ***affected by*** the existing organizational culture, it will also ***affect*** the existing culture.
  - “People problems” account for 62% of ERP “problems” while IT issues only account for about 12% of ERP “problems.” - *Deloitte*
- DOTD and the DOA LaGov Project team took great steps to mitigate the negative impact of the change brought on by the implementation and ongoing use of LaGov at DOTD. However, as with any large project, this was not a seamless transition.







# Training and Education

- Necessary to ready the organization for the new system and processes.
  - **Training** = hands on technical system training
  - **Education** = understanding the underlying flow of the new processes, where the ERP system fits in to the overall business, and what the particular employee's role is when interacting with the system
- With LaGov at DOTD, training was provided early, perhaps too early, and education was provided later, perhaps much later.
  - This issue was exasperated at times given the differing sources of training and of education – DOA (technical) and DOTD (education).





# LaGov Issues Still Being Worked on at DOTD

- On-going educational workshops and adoption of LaGov solutions into DOTD business processes.
- Limited resources at DOA to service DOTD LaGov change requests, system enhancements, and technical training.
- Identification and cultivation of DOTD “Super Users” for the LaGov modules implemented at DOTD.
  - This was recognized early in the project, but we still struggle to fully implement this concept throughout DOTD.





# Summary of Successes with LaGov at DOTD

- Enabled daily billings to FHWA for reimbursement
- Automated the FHWA Project Authorization process
- Consolidated project lifecycle phases under one project structure thus enabling better analysis and reporting of complete project costs
- Implemented segment accounting for GASB 34
- Implemented Agile Assets - State-of-Art Linear Asset Management system
- Eliminated need to reconcile multiple internal DOTD legacy financial and engineering systems
- Provided Online / Modern functionality to Vendors
- Reduced payment clearing pattern from 4 days to 2 days
- 2,467 DOTD Employees have access to LaGov
- LaGov positions DOTD for the Future



# Questions?

