



# American Society of Highway Engineers

March 13, 2012

Dallas Hammit  
Deputy State Engineer Development



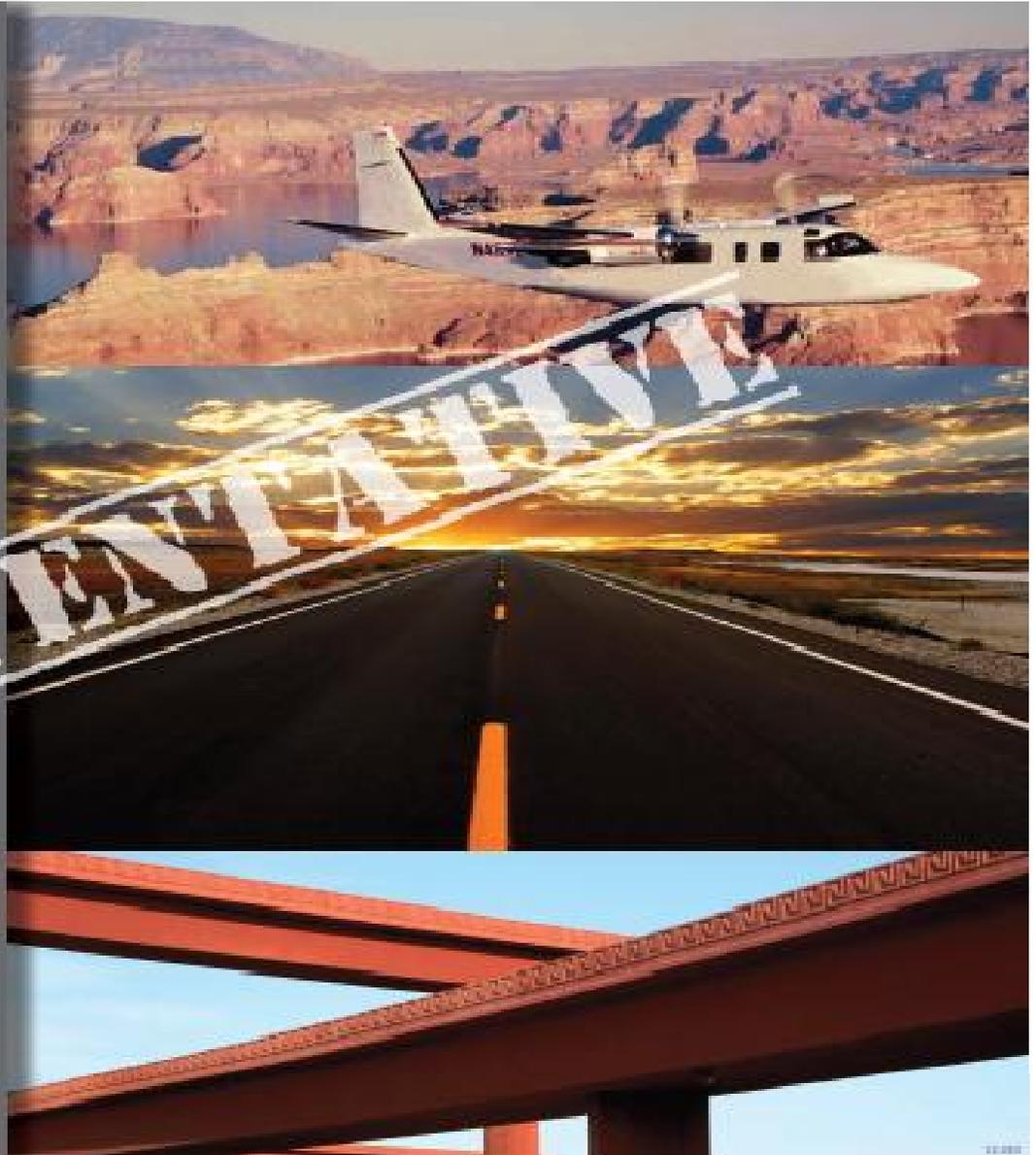
**What's ADOT Working On**  
**Tentative FY 2013 to FY 2017 Program**  
**Every Day Counts (EDC)**  
**Changes in the State Engineers Office**



2013  
2014  
2015  
2016  
2017

2013-2017

Five-Year Transportation  
Facilities Construction Program





# Tentative FY 2013 to FY 2017 Program

FISCAL YEAR	2013	2014	2015	2016	2017
Statewide Highways	\$ 345	\$ 276	\$ 311	\$ 264	\$ 97
Statewide Subprograms	\$ 146	\$ 183	\$ 170	\$ 360	\$ 341
Subtotal	\$ 491	\$ 457	\$ 482	\$ 624	\$ 438
MAG Area Highways	\$ 468	\$ 862	\$ 731	TBD	TBD
MAG Area Regionwide	\$ 38	\$ 36	\$ 37	TBD	TBD
Subtotal	\$ 506	\$ 899	\$ 769	TBD	TBD
ADOT Program Total	\$ 997	\$1.356	\$1.251		



# Tentative FY 2013 to FY 2017 Program

Changes in the look of the program

- Design Projects

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Summary
<b>SR 85 TO DYSART (VERRADO WAY TO 85)</b>													
New / H775001D	I 10	0	MA	Phoenix (Const)	154, SIGN REHABILITATION		IM	\$35	\$0	\$0	\$0	\$0	\$35
New / H775001C					Sign Rehabilitation		IM	\$0	\$400	\$0	\$0	\$0	\$400
<b>\$435 (Estimate)</b>								\$35	\$400	\$0	\$0	\$0	\$435
<b>EHRENBERG PORT OF ENTRY</b>													
New / H616100D	I 10	3	LA	Yuma	162, PORT OF ENTRY		NH	\$0	\$1,000	\$0	\$0	\$0	\$1,000
15710 / H616101C					Reconstruct EB POE		NH	\$0	\$0	\$0	\$16,000	\$0	\$16,000
<b>\$17,000 (Estimate)</b>								\$0	\$1,000	\$0	\$16,000	\$0	\$17,000
<b>WEST QUARTZSITE TI</b>													
New / D	I 10	17	LA	Yuma	311, DISTRICT MINOR PROJECTS		IM	\$2,000	\$0	\$0	\$0	\$0	\$2,000
New / C					Intersection Improvements at the Crossroad, Ramps & Frontage Roads		IM	\$4,617	\$0	\$0	\$0	\$0	\$4,617
<b>\$6,617 (Estimate)</b>								\$6,617	\$0	\$0	\$0	\$0	\$6,617
<b>MP 42 TO HOVATTER RD</b>													
New / D	I 10	42	LA	Yuma	111, PAVEMENT PRESERVATION - STATEWIDE	12	IM	\$0	\$320	\$0	\$0	\$0	\$320
New / C					RR(4" TL, 3" PL) + AR ACFC		IM	\$0	\$0	\$11,250	\$0	\$0	\$11,250
<b>\$11,570 (Estimate)</b>								\$0	\$320	\$11,250	\$0	\$0	\$11,570
<b>BOUSE WASH REST AREA</b>													
14613 / H621201C	I 10	52	LA	Yuma	153, REST AREA PRESERVATION		STP	\$1,235	\$0	\$0	\$0	\$0	\$1,235
<b>\$1,235 (Estimate)</b>								\$1,235	\$0	\$0	\$0	\$0	\$1,235
<b>GAS LINE RD - COUNTY LINE</b>													
12013 / H615601C	I 10	63	LA	Yuma	111, PAVEMENT PRESERVATION - STATEWIDE	8	IM	\$5,722	\$0	\$0	\$0	\$0	\$5,722
<b>\$7,937 (Estimate)</b>								\$5,722	\$0	\$0	\$0	\$0	\$5,722
<b>SR 85 - VERRADO (EB)</b>													
12113 / H632701C	I 10	113	MA	Phoenix (Const)	111, PAVEMENT PRESERVATION - STATEWIDE	7	IM	\$0	\$5,251	\$0	\$0	\$0	\$5,251
<b>\$7,514 (Estimate)</b>								\$0	\$5,251	\$0	\$0	\$0	\$5,251
<b>DECK PARK TUNNEL</b>													
New / H634401C	I 10	144	MA	Phoenix (Maint)	311, DISTRICT MINOR PROJECTS		IM	\$0	\$1,052	\$0	\$0	\$0	\$1,052
<b>\$1,052 (Estimate)</b>								\$0	\$1,052	\$0	\$0	\$0	\$1,052
<b>16TH STREET</b>													
New / C	I 10	146	MA	Phoenix (Maint)	311, DISTRICT MINOR PROJECTS		IM	\$184	\$0	\$0	\$0	\$0	\$184
<b>\$184 (Estimate)</b>								\$184	\$0	\$0	\$0	\$0	\$184



# Tentative FY 2013 to FY 2017 Program

Changes in the look of the program

- Design Projects
- Sub-programs Projects

# Subprogram

ItemNo	Resource	Subprogram	Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Summary
<b>SYSTEM PRESERVATION</b>									
<b>† PAVEMENT PRESERVATION, PAVEMENT PRESERVATION - STATEWIDE</b>									
72513	111.00	Pavement Preservation	FA	\$1,600	\$0	\$0	\$0	\$0	
72514			FA	\$0	\$7,365	\$0	\$0	\$0	
72515			FA	\$0	\$0	\$1,350	\$0	\$0	
72516			FA	\$0	\$0	\$0	\$145,000	\$0	
72517			FA	\$0	\$0	\$0	\$0	\$116,000	
				<b>\$1,600</b>	<b>\$7,365</b>	<b>\$1,350</b>	<b>\$145,000</b>	<b>\$116,000</b>	
<i>SUMMARY TOTAL OF PAVEMENT PRESERVATION, PAVEMENT PRESERVATION - STATEWIDE SUBPROGRAM</i>									<b>\$271,214</b>
<b>† PAVEMENT PRESERVATION, MINOR PAVEMENT PRESERVATION - STATEWIDE</b>									
74813	112.00	Minor & Preventative Pavement Preservation	FA	\$14,000	\$0	\$0	\$0	\$0	
74814			FA	\$0	\$14,000	\$0	\$0	\$0	
74815			FA	\$0	\$0	\$14,000	\$0	\$0	
74816			FA	\$0	\$0	\$0	\$18,000	\$0	
74817			FA	\$0	\$0	\$0	\$0	\$16,000	
				<b>\$14,000</b>	<b>\$14,000</b>	<b>\$14,000</b>	<b>\$18,000</b>	<b>\$16,000</b>	
<i>SUMMARY TOTAL OF PAVEMENT PRESERVATION, MINOR PAVEMENT PRESERVATION - STATEWIDE SUBPROGRAM</i>									<b>\$74,000</b>
<b>† BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION</b>									
76213	125.00	Bridge Replacement & Rehabilitation	BR	\$4,475	\$0	\$0	\$0	\$0	
76214			BR	\$0	\$3,680	\$0	\$0	\$0	
76215			BR	\$0	\$0	\$1,875	\$0	\$0	
76216			BR	\$0	\$0	\$0	\$18,775	\$0	
76217			BR	\$0	\$0	\$0	\$0	\$16,775	
				<b>\$4,475</b>	<b>\$3,680</b>	<b>\$1,875</b>	<b>\$18,775</b>	<b>\$16,775</b>	
<i>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION SUBPROGRAM</i>									<b>\$47,789</b>
<b>† BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION (LOCAL PROJECTS)</b>									
76213	125.00	Bridge Replacement & Rehabilitation	BR	\$5,261	\$0	\$0	\$0	\$0	
76214			BR	\$0	\$5,261	\$0	\$0	\$0	
76215			BR	\$0	\$0	\$5,261	\$0	\$0	
76216			BR	\$0	\$0	\$0	\$5,261	\$0	
76217			BR	\$0	\$0	\$0	\$0	\$5,261	
				<b>\$5,261</b>	<b>\$5,261</b>	<b>\$5,261</b>	<b>\$5,261</b>	<b>\$5,261</b>	
<i>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION (LOCAL PROJECTS) SUBPROGRAM</i>									<b>\$26,306</b>
<b>† BRIDGE PRESERVATION, BRIDGE INSPECTION &amp; INVENTORY</b>									
71413	126.00	Bridge Inspection Program for emergency bridge repairs & upgrading, Deck Rehabilitation & Replacement and Scour	FA	\$0	\$0	\$0	\$0	\$0	
71414			FA	\$0	\$2,200	\$0	\$0	\$0	
71415			FA	\$0	\$0	\$5,660	\$0	\$0	
71416			FA	\$0	\$0	\$0	\$7,500	\$0	
71417			FA	\$0	\$0	\$0	\$0	\$7,500	
				<b>\$0</b>	<b>\$2,200</b>	<b>\$5,660</b>	<b>\$7,500</b>	<b>\$7,500</b>	
<i>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE INSPECTION &amp; INVENTORY SUBPROGRAM</i>									<b>\$22,866</b>

# Highway Projects

ItemNo/TRACS	Route	BMP	CO	District Resource	Location Type of Work	Length	Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Summary	
<b>SR 85 TO DYSART (VERRADO WAY TO 85)</b>														
New / H775001D	I 10	0	MA	Phoenix (Const)	154, SIGN REHABILITATION		PE, PH 1 & 2	IM	\$35	\$0	\$0	\$0	\$0	\$35
New / H775001C					Sign Rehabilitation			IM	\$0	\$400	\$0	\$0	\$0	\$400
<b>\$435 (Estimate)</b>								\$35	\$400	\$0	\$0	\$0	\$435	
<b>EHRENBERG PORT OF ENTRY</b>														
New / H616100D	I 10	3	LA	Yuma	162, PORT OF ENTRY		PE, PH 1 & 2	NH	\$0	\$1,000	\$0	\$0	\$0	\$1,000
15710 / H616101C					Reconstruct EB POE			NH	\$0	\$0	\$0	\$16,000	\$0	\$16,000
<b>\$17,000 (Estimate)</b>								\$0	\$1,000	\$0	\$16,000	\$0	\$17,000	
<b>WEST QUARTZSITE TI</b>														
New / D	I 10	17	LA	Yuma	311, DISTRICT MINOR PROJECTS		PE, PH 1 & 2	IM	\$2,000	\$0	\$0	\$0	\$0	\$2,000
New / C					Intersection Improvements at the Crossroad, Ramps & Frontage Roads			IM	\$4,617	\$0	\$0	\$0	\$0	\$4,617
<b>\$6,617 (Estimate)</b>								\$6,617	\$0	\$0	\$0	\$0	\$6,617	
<b>MP 42 TO HOVATTER RD</b>														
New / D	I 10	42	LA	Yuma	111, PAVEMENT PRESERVATION - STATEWIDE	12	PE, PH 1 & 2	IM	\$0	\$320	\$0	\$0	\$0	\$320
New / C					RR(4" TL, 3" PL) + AR ACFC			IM	\$0	\$0	\$11,250	\$0	\$0	\$11,250
<b>\$11,570 (Estimate)</b>								\$0	\$320	\$11,250	\$0	\$0	\$11,570	
<b>BOUSE WASH REST AREA</b>														
14613 / H621201C	I 10	52	LA	Yuma	153, REST AREA PRESERVATION		Replace 2 Pond Liners, Booster Pump System & Control and some Structural, Mechanical & Electrical Systems	STP	\$1,235	\$0	\$0	\$0	\$0	\$1,235
<b>\$1,235 (Estimate)</b>								\$1,235	\$0	\$0	\$0	\$0	\$1,235	
<b>GAS LINE RD - COUNTY LINE</b>														
12013 / H615601C	I 10	63	LA	Yuma	111, PAVEMENT PRESERVATION - STATEWIDE	8	RR (1/2" TL, 4" PL) & FR	IM	\$5,722	\$0	\$0	\$0	\$0	\$5,722
<b>\$7,937 (Estimate)</b>								\$5,722	\$0	\$0	\$0	\$0	\$5,722	
<b>SR 85 - VERRADO (EB)</b>														
12113 / H632701C	I 10	113	MA	Phoenix (Const)	111, PAVEMENT PRESERVATION - STATEWIDE	7	RR (4" TL, 3" PL) & AR-ACFC	IM	\$0	\$5,251	\$0	\$0	\$0	\$5,251
<b>\$7,514 (Estimate)</b>								\$0	\$5,251	\$0	\$0	\$0	\$5,251	
<b>DECK PARK TUNNEL</b>														
New / H634401C	I 10	144	MA	Phoenix (Maint)	311, DISTRICT MINOR PROJECTS	1	Drainage Improvements	IM	\$0	\$1,052	\$0	\$0	\$0	\$1,052
<b>\$1,052 (Estimate)</b>								\$0	\$1,052	\$0	\$0	\$0	\$1,052	
<b>16TH STREET</b>														
New / C	I 10	146	MA	Phoenix (Maint)	311, DISTRICT MINOR PROJECTS		Pump Station Improvements	IM	\$184	\$0	\$0	\$0	\$0	\$184
<b>\$184 (Estimate)</b>								\$184	\$0	\$0	\$0	\$0	\$184	



# Tentative FY 2013 to FY 2017 Program

Changes in the look of the program

- Design Projects
- Sub-programs Projects
- Fewer Sub-programs

# Subprogram

ItemNo	Resource	Subprogram	Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Summary
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72516			FA	\$0	\$0	\$0	\$145,000	\$0	\$0
72517			FA	\$0	\$0	\$0	\$0	\$116,000	\$0
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74816			FA	\$0	\$0	\$0	\$18,000	\$0	\$0
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76215			BR	\$0	\$0	\$1,875	\$0	\$0	\$0
76216			BR	\$0	\$0	\$0	\$18,775	\$0	\$0
76217			BR	\$0	\$0	\$0	\$0	\$16,775	\$0
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76216			BR	\$0	\$0	\$0	\$5,261	\$0	\$0
76217			BR	\$0	\$0	\$0	\$0	\$5,261	\$0
<b>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE REPLACEMENT &amp; REHABILITATION (LOCAL PROJECTS) SUBPROGRAM</b>									<b>\$26,306</b>
<b>† BRIDGE PRESERVATION, BRIDGE INSPECTION &amp; INVENTORY</b>									
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71415			FA	\$0	\$0	\$5,660	\$0	\$0	\$0
71416			FA	\$0	\$0	\$0	\$7,500	\$0	\$0
71417			FA	\$0	\$0	\$0	\$0	\$7,500	\$0
<b>SUMMARY TOTAL OF BRIDGE PRESERVATION, BRIDGE INSPECTION &amp; INVENTORY SUBPROGRAM</b>									<b>\$22,860</b>



# Tentative FY 2013 to FY 2017 Program

## Statewide

- Mohawk Rest Area (15 mill)
- US 60 Silver King (45 mill)
- SR 89 – 89A to Chino (25 mill)
- SR 89 – Cameron Bridge (35 mill)
- SR 93 – Antelope Wash (26.5 mill)
  - Carrow to Stephens (22 mill)



# Tentative FY 2013 to FY 2017 Program

## PAG

- I-10 Ruthrauff Rd TI (108 mill)
- I-10 Ina Rd TI ( 98 mill)
- SR 86 Valencia Rd – Kinney Rd (45 mill)
- SR 77 Tangerine Rd to Pinal Co Line (33 mill)
- I-19 AJO Way TI (JCT SR 86) (86 mill)



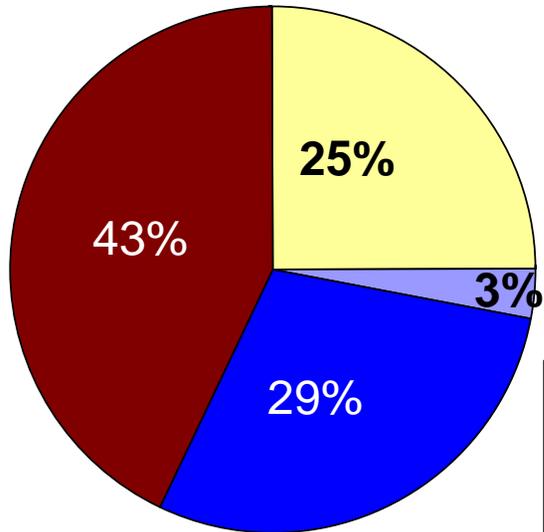
# Tentative FY 2013 to FY 2017 Program

## MAG

- Camelback to Glendale (56 mill)
- Perryville Rd TI (18 mill)
- L303 US 60 TI (48 mill)
- L101 Shea to L202 (91 mill)
- L202 17<sup>th</sup> to 51<sup>st</sup> Ave (228 mill)
- L202 Baseline to Salt River (\$223 mill)
- L202 Salt River Bridge (99 mill)

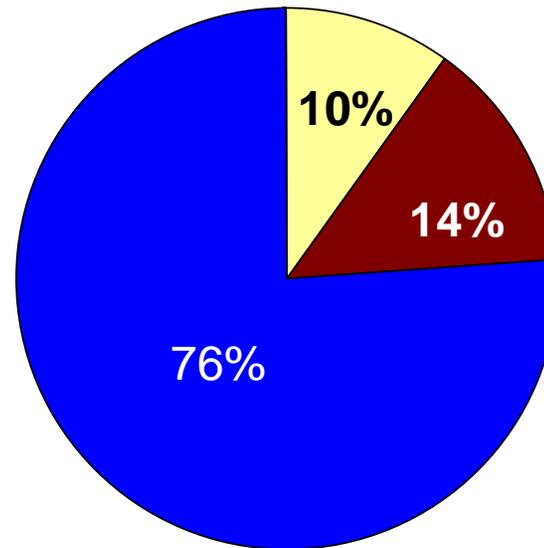


FY 2017 Program



- Modernization
- Non-Highway
- Expansion
- Preservation

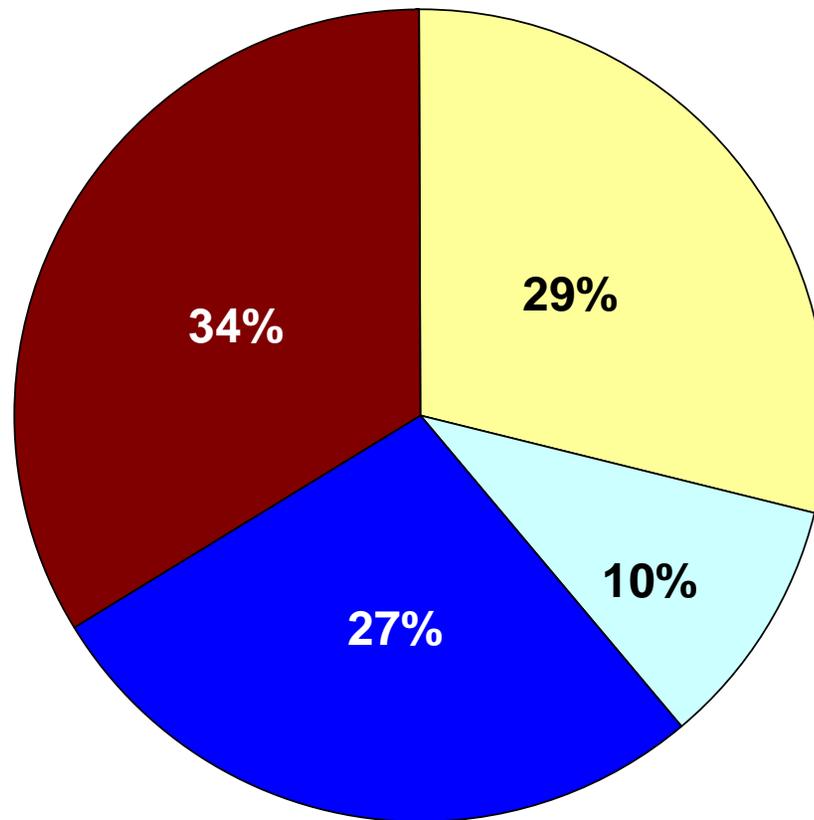
FY 2006-2010 Program



- Modernization
- Preservation
- Expansion



### Long Range Plan



- Modernization
- Non-Highway
- Expansion
- Preservation



## Every Day Counts

- Warm Mix
- Prefabricated Bridge Elements and Systems
- Adaptive Signal Control
- Safety Edge
- Planning and Environmental Linkages
- Design Build
- Construction Manager/General Contractor

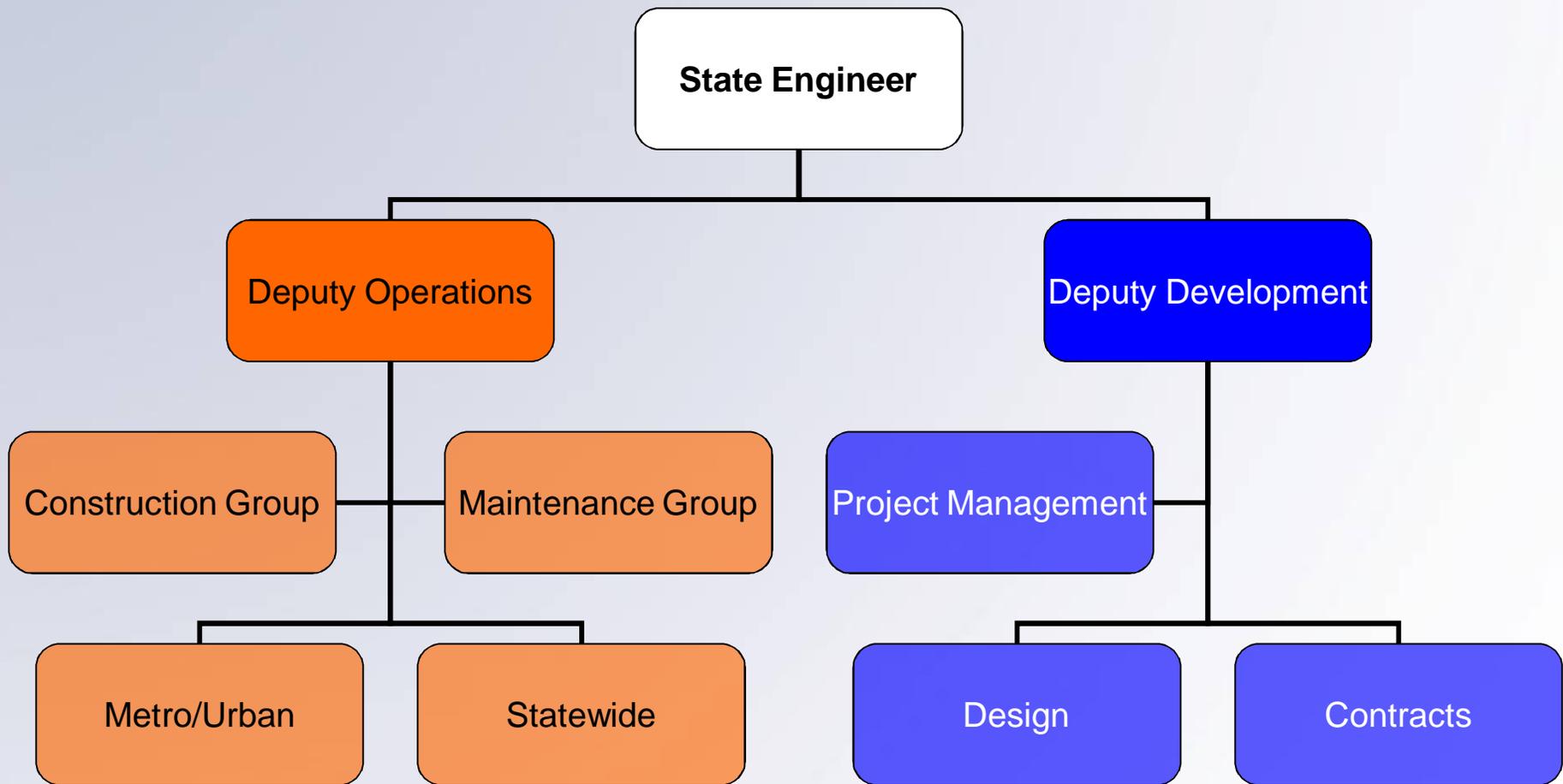


## Every Day Counts

- Geosynthetic Reinforced Soil (GRS)
- Expanding Use of Programmatic Agreements
- Use of In-Lieu Fee and Mitigation Banking
- Flexibilities in Right of Way
- Flexibilities in Utility Accommodation and Relocation



# Changes in the State Engineers Office





# Questions