



# American Recovery and Reinvestment Act Implementation

March 3, 2009  
State Transportation Board



# New Issues

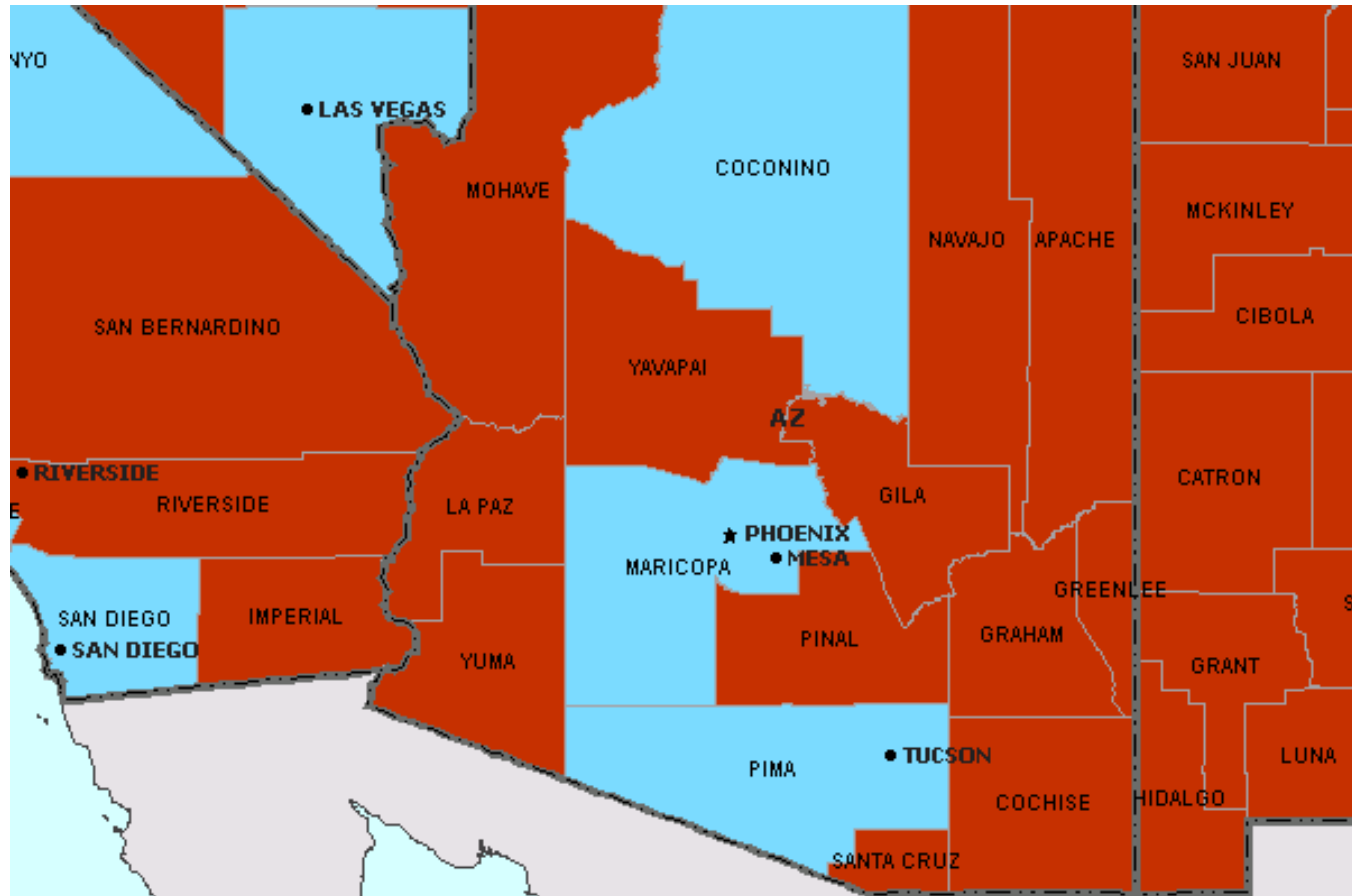
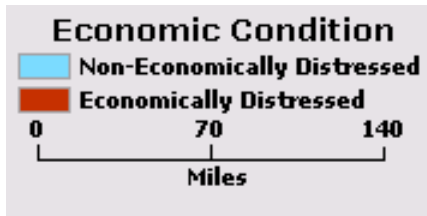
---



- Final Apportionment from the Federal Highway Administration
- “Economically Distressed Areas”
  - Federal Highway Administration map
  - Definition
  - Necessary Actions



# Economically Distressed Areas Map





# American Recovery and Reinvestment Act Criteria

---



- That in selecting projects to be carried out with funds apportioned under this heading, priority shall be given to projects that are projected within a 3-year time frame, and are located in economically distressed areas as defined by section 301 of the Public Works and Economic Development Act of 1965, as amended (42 U.B.C. 3161):



# Definition of Economically Distressed

---



## A) In General –

The project shall be located in an area that meets one or more of the following criteria:

### (1) Low Per Capita Income –

The area has a per capita income of 80% or less of the national average.



# Definition of Economically Distressed

---



(2) Unemployment Rate Above National Average –

The area has an unemployment rate that is, for the most 24-month period for which data are available, at least 1% greater than the national average unemployment rate.



# Definition of Economically Distressed

---



## (3) Unemployment or Economic Adjustment Problems –

The area is an area that the Secretary determines has experienced or is about to experience a special need arising from actual or threatened severe unemployment or economic adjustment problems resulting from severe short-term or long-term changes in economic conditions.



# Definition of Economically Distressed

---



## B) Political Boundaries of Areas –

An area that meets 1 or more of the criteria of subsection (A), including a small area of poverty or high unemployment within a larger community in less economic distress, shall be eligible for assistance ... without regard to political or other subdivisions or boundaries.





# Prioritized Lists of Highway Projects

---





# Highway Project Funding



- 
- TOTAL - \$349, 712,000
  - TOC - \$174, 856,000
  - MAG - \$129, 393,000
  - PAG - \$ 45, 462,000



# Highway Project Prioritization Considerations

---

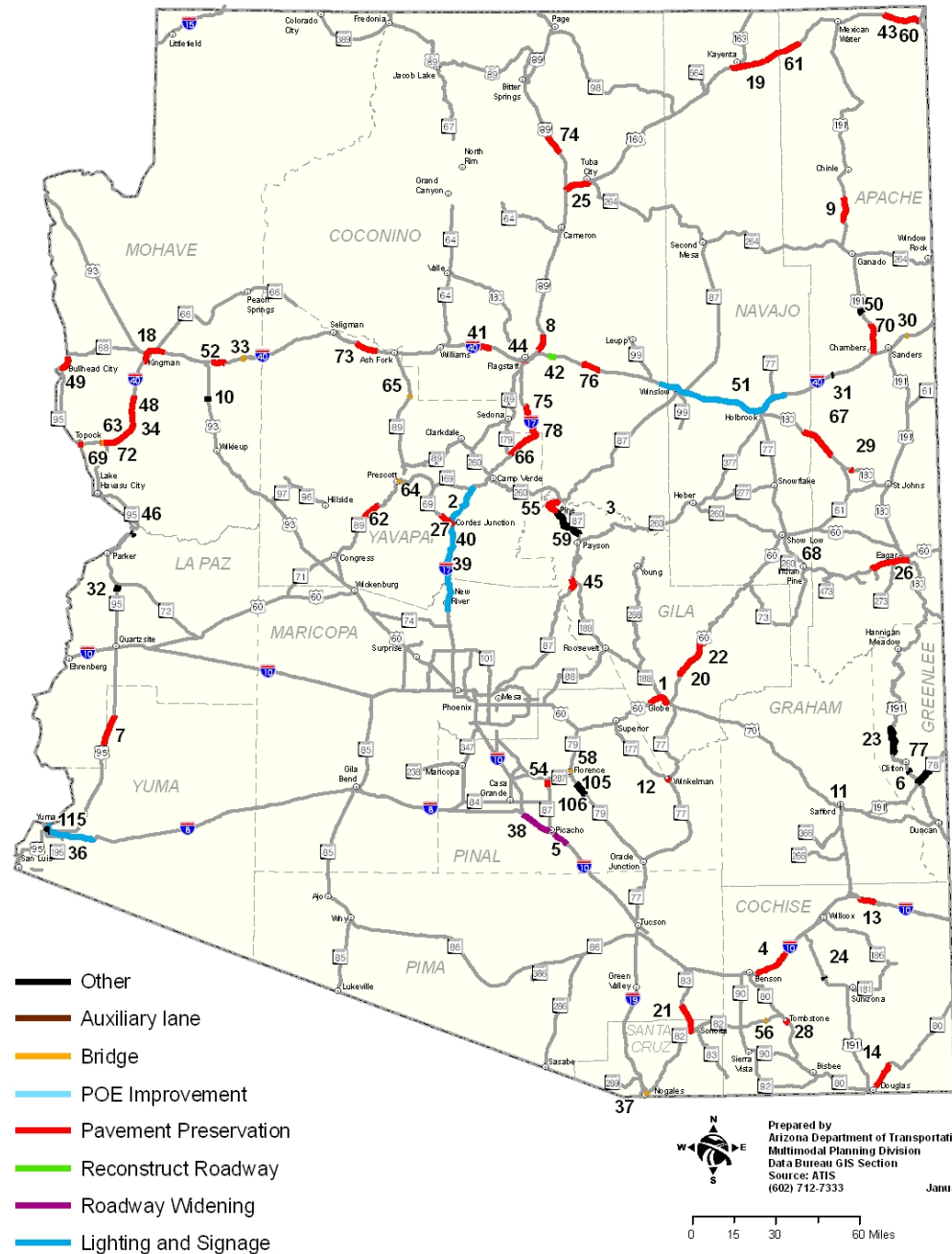


- Consulted with ADOT District Engineers & Group Managers
- Consulted with MPOs and COGs
- Local Participation
- Safety
- Geographic Distribution
  - Economically Distressed Areas
- Project Balance
  - System Preservation – 29%, \$102 million
  - Rehabilitation/Replacement – 16%, \$57 million
  - New Construction – 55%, \$193 million



# Prioritized Highway Projects: 13 Other Counties

## Prioritized Economic Recovery Plan (DRAFT)





# 13 Other Counties Projects



Priority	Map ID	Route	CO	Project Name	Type of Work	Programmed	Cost	Accumulative Total
1	1	60	GI	Miami CL - McMillan Wash	Pavement Preservation	No	\$ 9,500,000	\$ 9,500,000
2	2	69	YV	Jct I-17 - Big Bug 1	Pavement Preservation	No	\$ 6,600,000	\$ 16,100,000
3	4	10	CH	East Benson - Johnson Road (EB)	Pavement Preservation	No	\$ 11,000,000	\$ 27,100,000
4	5	10	PN	Picacho Peak - Town of Picacho	Roadway Widening	No	\$ 30,000,000	\$ 57,100,000
5	6	191	GE	Black Hills Back Country Byway at MP 159.5	Intersection Improvement	No	\$ 750,000	\$ 57,850,000
6	7	95	LA	Peligro - Clarks	Pavement Preservation	No	\$ 11,000,000	\$ 68,850,000
7	8	89	CN	Townsend - Fernwood	Pavement Preservation	No	\$ 8,000,000	\$ 76,850,000
8	9	191	AP	South Of Chinle	Pavement Preservation	Yes	\$ 5,000,000	\$ 81,850,000
9	10	93	MO	Southbound Ranch Road	Construct Parallel Roadway	Yes	\$ 15,000,000	\$ 96,850,000



# 13 Other Counties Projects



Priority	Map ID	Route	CO	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
10	11	70	GH	8th Avenue Intersection	Intersection Improvement	Yes	\$ 191,000	\$ 97,041,000
11	13	10	CH	Luzena - Bowie Eastbound	Pavement Preservation	No	\$ 3,000,000	\$ 100,041,000
12	15		State wide	Chip Seal/Slurry Seal	Pavement Preservation	No	\$ 4,500,000	\$ 104,541,000
13	16		State wide	Culvert Lining	Highway Safety Enhancement/Culvert Lining	No	\$ 3,600,000	\$ 108,141,000
14	17		State wide	Fence	Safety Fence Replacement	No	\$ 8,000,000	\$ 116,141,000
15	19	160	NA	Kayenta - Jct N 59	Pavement Preservation	Yes	\$ 4,400,000	\$ 120,541,000
16	61	160	NA	Jct N 59 - Dennehotso	Pavement Preservation	No	\$ 6,000,000	\$ 126,541,000
17	20	60	GI	Ryan's Water - Rock Springs	Pavement Preservation	No	\$ 9,500,000	\$ 136,041,000
18	21	83	SC	Sonoita North	Pavement Preservation	Yes	\$ 2,750,000	\$ 138,791,000



# 13 Other Counties Projects



Priority	Map ID	Route	CO	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
19	22	60	GI	Timber Mountain - Seneca	Pavement Preservation	No	\$ 5,000,000	\$ 143,791,000
20	23	191	GE	Lower Coronado Trail at MP 175	Drainage Improvement	No	\$ 400,000	\$ 144,191,000
21	24	191	CH	Sunsites at High Street	Widen Roadway for Turn Lanes	Yes	\$ 595,000	\$ 144,786,000
22	25	160	NA	Jct 89 - Vann's Trading Post	Pavement Preservation	Yes	\$ 4,100,000	\$ 148,886,000
23	42	40	CN	Walnut Canyon	Reconstruct Roadway	Yes	\$ 12,000,000	\$ 160,886,000
24	28	80	CH	Tombstone Streets	Pavement Preservation	No	\$ 1,956,000	\$ 162,842,000
25	30	40	AP	Black Creek Bridge	Bridge Rehabilitation	Yes	\$ 700,000	\$ 163,542,000
26	31	40	AP	Dead River Bridge Eastbound	Scour Retrofit	Yes	\$ 280,000	\$ 163,822,000
27	115	95	YU	16th St @ MP 24.2 - 24.8	Roadway/Bridge Widening	No	\$ 11,500,000	\$ 175,322,000



# Projects by County



---

Gila County	TOTAL	\$ 24,000,000
Yavapai County	TOTAL	\$ 6,600,000
Cochise County	TOTAL	\$ 16,551,000
Pinal County	TOTAL	\$ 30,000,000
Greenlee County	TOTAL	\$ 1,150,000
La Paz County	TOTAL	\$ 11,000,000
Coconino County	TOTAL	\$ 20,000,000
Apache County	TOTAL	\$ 5,980,000
Mohave County	TOTAL	\$ 15,000,000
Graham County	TOTAL	\$ 191,000
Navajo County	TOTAL	\$ 14,500,000
Santa Cruz County	TOTAL	\$ 2,750,000
Yuma County	TOTAL	\$ 11,500,000
Statewide	TOTAL	\$ 16,100,000
	<b>GRAND TOTAL</b>	<b>\$ 175,322,000</b>





# 13 Other Counties Additional Projects



Priority	Map ID	Route	CO	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
28	36	8	YU	MP 0 - MP 19	Sign Replacement	No	\$ 1,500,000	\$ 176,822,000
29	14	80	CH	East of Douglas	Pavement Preservation	No	\$ 6,500,000	\$ 183,322,000
30	18	40	MO	Holy Moses - Rattlesnake	Pavement Preservation	No	\$ 17,000,000	\$ 200,322,000
31	26	260	AP	Greer - Rodeo Grounds	Pavement Preservation	No	\$ 7,000,000	\$ 207,322,000
32	29	180	AP	Ranch - Jct 61	Pavement Preservation	No	\$ 2,700,000	\$ 210,022,000
33	27	17	YV	Cordes Jct. Traffic Interchange	Reconstruct TI	Yes	\$ 62,000,000	\$ 272,022,000
34	32	95	LA	Passing Lanes South of Bouse Wash	Construct Passing Lanes	Yes	\$ 1,800,000	\$ 273,822,000
35	33	40	MO	Willow Creek Bridge Westbound	Bridge Rehabilitation	Yes	\$ 1,550,000	\$ 275,372,000
36	34	40	MO	Jct 95 - Walnut Creek Eastbound	Pavement Preservation	No	\$ 25,000,000	\$ 300,372,000
37	35		State wide	Raised Pavement Markers	RPM	No	\$ 6,000,000	\$ 306,372,000



# 13 Other Counties Additional Projects



Priority	Map ID	Route	CO	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
38	37	19B	SC	B-19 & Southern Pacific Railroad Overpass	Bridge Deck Rehabilitation	No	\$ 2,000,000	\$ 308,372,000
39	38	10	PN	I-8 - SR 87	Roadway Widening	Yes	\$ 55,000,000	\$ 363,372,000
40	40	17	YV	MP 229 - MP 279	Sign Replacement	No	\$ 1,500,000	\$ 364,872,000
41	41	40	CN	MP 177 - MP 182	Pavement Preservation	Yes	\$ 1,000,000	\$ 365,872,000
42	43	160	AP	Red Mesa - Teec Nos Pos	Pavement Preservation	No	\$ 6,000,000	\$ 371,872,000
43	44	17	CN	MP 340.01 - MP 340.42	Pavement Preservation	No	\$ 300,000	\$ 372,172,000
44	45	87	GI	Ord Mine - Jct 188	Pavement Preservation	No	\$ 1,500,000	\$ 373,672,000
45	46	95	LA	Holiday Harbor	Roadway and Drainage Improvement	No	\$ 3,500,000	\$ 377,172,000
46	48	40	MO	MP 21 - Walnut Creek Westbound	Pavement Preservation	No	\$ 11,476,000	\$ 388,648,000
47	49	95	MO	Bridge to Marina	Pavement Preservation	No	\$ 6,000,000	\$ 394,648,000



# 13 Other Counties Additional Projects



Priority	Map ID	Route	CO	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
48	50	191	AP	Wide Ruins	Passing Lane	Yes	\$ 2,400,000	\$ 397,048,000
49	51	40	CN	MP 247 - MP 298	Sign Replacement	No	\$ 1,150,000	\$ 398,198,000
50	52	40	MO	Peacock Wash - Silver Springs Traffic Interchange	Pavement Preservation	No	\$ 5,000,000	\$ 403,198,000
51	53	40	NA	Holbrook District	Spot Repairs - District Wide	No	\$ 2,000,000	\$ 405,198,000
52	54	87	PN	S. Coolidge - Jct 287	Pavement Preservation	No	\$ 3,500,000	\$ 408,698,000
53	55	87	YV	Cinch Hook - Pine	Pavement Preservation	No	\$ 8,200,000	\$ 416,898,000
54	56	82	CH	San Pedro River Bridge	Bridge Scour Retrofit	Yes	\$ 200,000	\$ 417,098,000
55	57		State wide	Statewide Steel Girder Repair (10 bridges)	Steel Girder Repair	Yes	\$ 1,100,000	\$ 418,198,000
56	58	79	PN	Gila River Bridge	Bridge Deck Rehabilitation	No	\$ 700,000	\$ 418,898,000
57	59	87	GI	Payson to Pine @ MP 255	Shoulder Widening	No	\$ 8,610,000	\$ 427,508,000



# 13 Other Counties Additional Projects



Priority	Map ID	Route	CO	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
58	60	160	AP	Teec Nos Pos	POE Improvement	Yes	\$ 600,000	\$ 428,108,000
59	12	177	GI	Winkelman	Pavement Preservation	No	\$ 600,000	\$ 428,708,000
60	62	89	YV	Peeples Valley Yard - Wilhoit	Pavement Preservation	No	\$ 4,800,000	\$ 433,508,000
61	63	40	MO	Lake Havasu TIUP # 1586	Bridge Deck Rehabilitation	No	\$ 400,000	\$ 433,908,000
62	64	89	YV	Granite Creek Bridges North and Southbound	Bridge Replacement	Yes	\$ 2,600,000	\$ 436,508,000
63	65	89	YV	Hell Canyon Bridge	Bridge Deck Rehabilitation	No	\$ 400,000	\$ 436,908,000
64	66	17	YV	Jct 179 - Yavapai Co Line	Pavement Preservation	Yes	\$ 15,000,000	\$ 451,908,000
65	67	180	NA	Petrified Forest	Pavement Preservation	No	\$ 615,000	\$ 452,523,000
66	68	260	NA	Porter Mountain Rd to Woodland Rd	Transportation Enhancement	Yes	\$ 481,000	\$ 453,004,000
67	69	40	MO	State Line - MP 2	Pavement Preservation	No	\$ 4,000,000	\$ 457,004,000



# 13 Other Counties Additional Projects

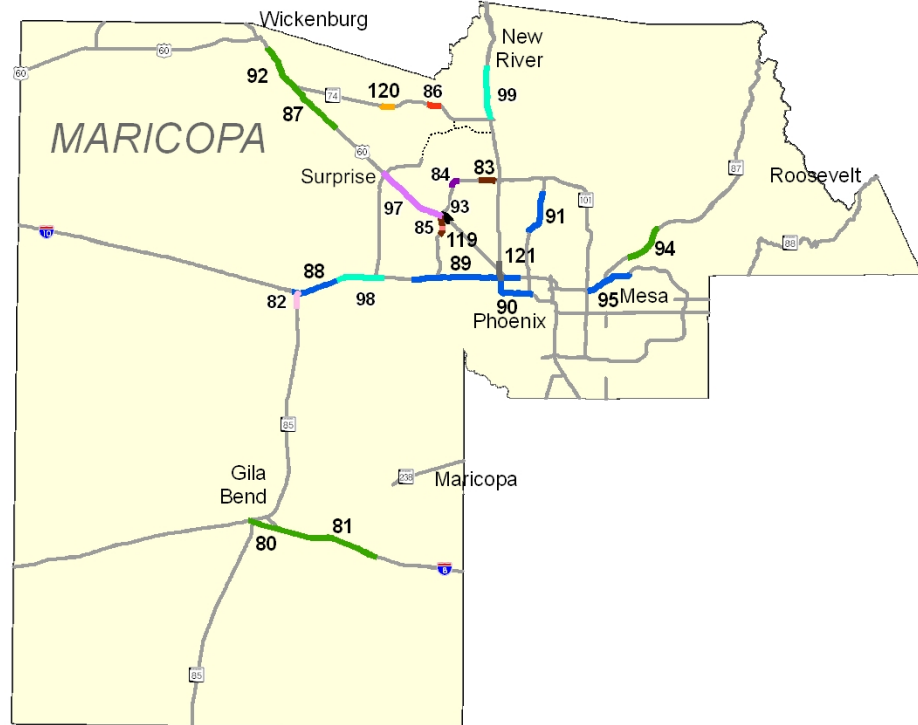


Priority	Map ID	Route	CO	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
68	70	191	AP	Jct 140 - MP 385	Pavement Preservation	No	\$ 8,500,000	\$ 465,504,000
69	72	40	MO	Buck Mountain Wash	Bridge Rehabilitation	Yes	\$ 2,000,000	\$ 467,504,000
70	73	40	YV	Seligman - Pineveta Eastbound	Pavement Preservation	No	\$ 7,000,000	\$ 474,504,000
71	74	89	CN	The Gap - Cedar Ridge	Pavement Preservation	No	\$ 6,500,000	\$ 481,004,000
72	75	17	CN	Munds Park - Yavapai Co Lane Southbound	Pavement Preservation	No	\$ 2,200,000	\$ 483,204,000
73	76	40	CN	Coconino Forest Boundary to Buffalo Range EB & WB	Pavement Preservation	No	\$ 12,000,000	\$ 495,204,000
74	77	78	GE	Jct 191 to Forest Service Boundary	Chip Seal and Guardrail Extension	No	\$ 1,000,000	\$ 496,204,000
75	78	17	YV	Stoneman Lake - County Line	Pavement Preservation	No	\$ 4,000,000	\$ 500,204,000
76	105	79	PN	Box Culvert Extension at MP 126.0	Culvert Extension	No	\$ 1,000,000	\$ 501,204,000
77	106	79	PN	Box Culvert Extension at MP 124.2	Culvert Extension	No	\$ 900,000	\$ 502,104,000
							<b>TOTAL</b>	<b>\$ 502,104,000</b>



# Prioritized Highway Projects: Maricopa County

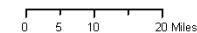
## Prioritized Economic Recovery Plan (DRAFT) MAG



- 10 Miles Widening
- 2 Miles New Roadway
- 2 Miles Passing Lane
- 2.5 Miles Widening
- 4 Miles Outside Widening
- Auxiliary lane
- Construct Passing Lane
- Design General Purpose Lane / Construct General Purpose
- Pavement Preservation
- Sign Replacement
- South Bound Roadway Improvements
- TI & Frontage Rd
- TI Improvements



Prepared by  
Arizona Department of Transportation  
Multimodal Planning Division  
Data Bureau GIS Section  
Source: ATIS  
(602) 712-7333  
January 2009





# Maricopa Association of Governments Projects



Priority	Map ID	Route	County	Project Name	Type of Work	Programmed	Cost	Accumulative Total
1	98	10	MA	Verrado Way-Sarival Road	Construct General Purpose Lane	Yes	\$43,200,000	\$ 43,200,000
2	99	17	MA	SR74 - Anthem Way	Construct General Purpose Lane	Yes	\$22,500,000	\$ 65,700,000
<del>3</del>		<del>802</del>	<del>MA</del>	<del>L 202 to Ellsworth</del>	<del>Design &amp; ROW</del>	<del>Yes</del>	<del>\$20,000,000</del>	<del>\$ 85,700,000</del>
3	97	60	MA	SR 303L - 99th Ave	10 Miles Widening	Yes	\$45,000,000	\$ 110,700,000
4	93	60	MA	99th Ave - 83rd Ave	2.5 Miles Widening	Yes	\$11,200,000	\$ 121,900,000
5	84	101	MA	Beardsley Rd / Union Hills	TI Improvement - Widening Union Hills and Bridge with Beardsley connector	Yes	\$9,125,000	\$ <b>131,025,000</b>



# Additional Maricopa Association of Governments Projects



6	82	85	MA	Southern Ave - I -10	2 Miles New Roadway	Yes	\$20,000,000	\$ 151,025,000
7	85	101	MA	Northern to Grand SB	Auxiliary Lane - 3 miles	Yes	\$3,000,000	\$ 154,025,000
8	119	101	MA	Olive Avenue	TI Improvements	Yes	\$3,000,000	\$ 157,025,000
9			MA	Regionwide	Construct Noise Walls	Yes	\$10,000,000	\$ 167,025,000
10	86	74	MA	MP 20 - MP 22	2 Miles Passing Lane	Yes	\$3,600,000	\$ 170,625,000
11	120	74	MA	MP 13 - MP 15	Construct Passing Lane	Yes	\$2,000,000	\$ 172,625,000
12	121	17	MA	I-10 to Indian School	Southbound Roadway Improvements	Yes	\$1,500,000	\$ 174,125,000
13	80	8	MA	Gila Bend to MP 121	Pavement Preservation	No	\$ 10,000,000	\$ 184,125,000
14	81	8	MA	MP 121 - Big Horn	Pavement Preservation	No	\$ 21,000,000	\$ 205,125,000
15	88	10	MA	MP 112 - MP 126	Sign Replacement	No	\$ 1,500,000	\$ 206,625,000





# Additional Maricopa Association of Governments Projects

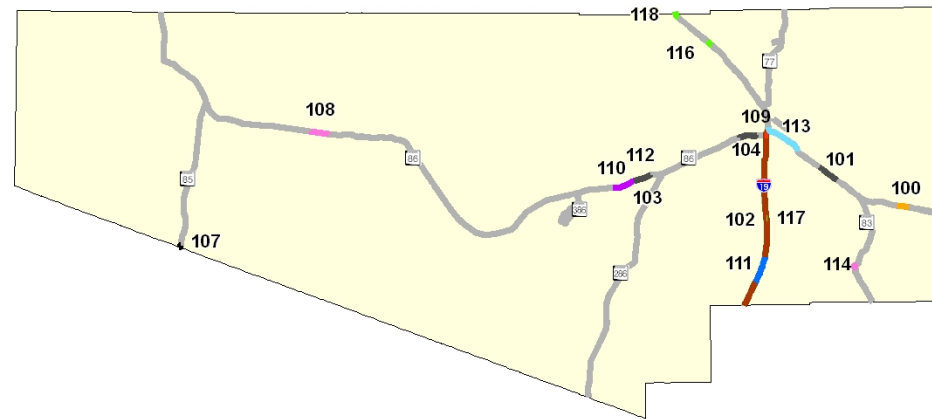


16	89	10	MA	MP 130 - MP 146	Sign Replacement	No	\$ 1,500,000	\$ 208,125,000
17	91	51	MA	MP 7 - MP 14	Sign Replacement	No	\$ 1,500,000	\$ 209,625,000
18	92	60	MA	Wickenburg - San Domingo Wash	Pavement Preservation	No	\$ 3,777,000	\$ 213,402,000
19	83	101L	MA	51st Ave to 27th Ave EB	Auxiliary lane	No	\$ 3,000,000	\$ 216,402,000
20	90	17	MA	MP 194 - MP 201	Sign Replacement	No	\$ 1,500,000	\$ 217,902,000
21	87	60	MA	San Domingo - Whitmann	Pavement Preservation	No	\$ 11,000,000	\$ 228,902,000
22	94	87	MA	Gilbert - Shea	Pavement Preservation	No	\$ 3,000,000	\$ 231,902,000
23	95	202	MA	MP 10 - MP 17	Sign Replacement	No	\$ 1,150,000	\$ 233,052,000
24		Various	MA	Various Routes	Guard Rails	No	\$ 1,800,000	\$ 234,852,000
							<b>TOTAL</b>	<b>\$ 234,852,000</b>



# Prioritized Highway Projects: Pima County

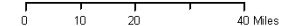
## Prioritized Economic Recovery Plan (DRAFT) PAG



- Bridge Deck Rehabilitation
- FMS
- Frontage Road
- Marsh Station TI Reconstruction
- New TI
- POE Improvement
- Pavement Preservation
- Roadway Widening
- Shoulder Widening
- Sign Replacement



Prepared by  
Arizona Department of Transportation  
Multimodal Planning Division  
Data Bureau GIS Section  
Source: ATIS  
(602) 712-7333  
January 2009





# Pima Association of Governments Project List



Priority	Map ID	Route	County	Project Name	Type of Work	Pro-grammed	Cost	Accumulative Total
1	112	86	Pima	Brawley Wash Segment	Roadway Widening	No	\$5,000,000	\$ 5,000,000
2	113	10	Pima	Valencia to I-19	Freeway Mgmt System	No	\$9,100,000	\$ 14,100,000
3	100	10	Pima	Cienega Creek - Marsh Station	Marsh Station TI Reconstruction	Yes	\$18,000,000	\$ 32,100,000
4	101	10	Pima	Rita Road - Houghton	Pavement Preservation	No	\$6,000,000	\$ 38,100,000
5	102	19	Pima	MP 0 - MP 63	Sign Replacement	No	\$1,500,000	\$ 39,600,000
6	104	86	Pima	Kinney - La Cholla	Pavement Preservation	No	\$3,500,000	\$ 43,100,000
7	108	86	Pima	MP 73.9 - MP 74.9 & MP 76.6 - MP 77.4	Shoulder Widening	No	\$3,327,000	\$ 46,427,000
8	109	86	Pima	Santa Cruz River Bridge # 528	Bridge Deck Rehabilitation	No	\$200,000	<b>\$ 46,627,000</b>



# Additional Pima Association of Governments Projects



9	110	86	Pima	MP 141.1 to Reservation Boundary	Roadway Widening	Yes	\$14,000,000	\$ 60,627,000
10	103	86	Pima	Reservation Boundary - Brawley Wash	Pavement Preservation	No	\$4,000,000	\$ 64,627,000
11	114	83	Pima	MP 44 - MP 44..5	Shoulder Widening Port of Entry	No	\$2,400,000	\$ 67,027,000
12	107	85	Pima	Lukeville Port of Entry	Improvement	Yes	\$1,500,000	\$ 68,527,000
13	111	19	Pima	Canoa TI - Continental TI	Frontage Road	Yes	\$4,000,000	\$ 72,527,000
14	116	10	Pima	Tangerine Road	New TI	No	\$40,100,000	\$ 112,627,000
15	117	19	Pima	Sahuarita Traffic Interchange	New TI	No	\$35,000,000	\$ 147,627,000
16	118	10	Pima	Tortolita Traffic Interchange	New TI	No	\$28,000,000	\$ 175,627,000
							<b>TOTAL</b>	<b>\$ 175,627,000</b>



# Board Discussion

---

