

## AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) UPDATE

### Background

The State of Texas continues to obligate ARRA funds as quickly as possible. Statewide \$1.2 billion has been obligated, 53.4% of the total \$2.25 billion allocation for highway and bridge improvements for the State. Currently, \$766 million worth of projects are under contract with 4,696 jobs created and/or maintained.

In the Houston region, \$155 million has been obligated in the highway and bridge program. The original transit allocation of \$105 million has been obligated in Federal Transit Administration grants. An additional allocation of \$988,000 for transit (Section 5311 Non-Urbanized Area Transit) was provided by the Texas Transportation Commission at its August 27, 2009 meeting as shown below:

Brazos Transit District: \$463,000  
Colorado Valley Transit: \$255,000  
Gulf Coast Center: \$270,000

The only aviation related allocation was made to Scholes Airport in Galveston for \$1.9 million for lighting improvements.

### Current Situation

Five highway projects and one enhancement project were let to contract in August. These projects were bid collectively for \$36 million less than the authorized funding amount.

- IH 10 reconstruction IH 45 to US 59 - \$18.1M
- BW 8 direct connectors at US 59N - \$29.6M
- FM 2978 grade separation at UPRR in Tomball - \$6.9M
- IH 10 rest area construction Chambers Co. - \$13.8M
- SH 288 at BW 8 Intersection Improvements - \$636K
- Allen's Landing at Buffalo Bayou Scenic Enhancement - \$1.1M

In September, anticipated lettings include:

- FM 3005 Road - San Luis Pass to West End Of Seawall – raise roadway, \$4.3M
- FM 359 - Business 290 to Fort Bend county line – overlay, \$2.2M
- FM 762 @ Smithers Lake - bridge replacement - \$1.3M
- District-wide traffic signal upgrades - \$2.3M
- District-wide bridge maintenance - \$1.4M
- BW 8 @ various locations in Pasadena - turn radius improvements - \$2.6M

### Action Required

Information only

## ARRA CONTINGENCY: LOCAL REHABILITATION PROJECTS

### Background

At the May 2009 TPC meeting, members were briefed on proposed project eligibility criteria. The criteria presented proposed that all projects must:

- Be functionally classified as a Major Collector or higher in order to qualify for federal aid
- Qualify for an environmental Categorical Exclusion
- Be city/county let and managed to federal-aid standards
- Exceed an estimated \$150,000 in cost in order to obtain a contractor performance bond

In June, H-GAC requested member agencies to submit a list of rehabilitation projects that could be implemented prior to the Act's funding obligation deadline in March 2010, contingent upon funding availability.

H-GAC contracted with engineers from the Texas Transportation Institute to conduct a pavement review for candidate projects that met the criteria shown above. The consultants followed Texas Department of Transportation pavement analysis standards and methodologies. The consulting engineer pavement inspections were conducted August 17 through August 21, 2009.

### Current Situation

H-GAC staff developed scoring criteria as shown below:

- **Project Cost per Vehicle Mile of Travel (45 points)**
  - The raw cost per VMT values were normalized and scaled into a (0-1) range prior to the assignment of prioritization points.
- **Pavement Condition Rating, Weighted (45 Points)**
  - Pavement condition ratings were weighted to prioritize projects with the poorest existing conditions.
  - The weighted values were subsequently normalized and scaled into a (0-1) range prior to the assignment of prioritization points.
- **Economically Disadvantaged Areas (10 Points)**
  - 10 points were assigned to projects located within an EDA.

H-GAC staff is working with project sponsors to review the ranked list. H-GAC anticipates requesting action from the TPC at the regularly scheduled October 23, 2009 meeting to approve the ranked list for use in the event additional contingency funding becomes available.

### Action Requested

For review and comment by Council members.

# DRAFT Ranking of City/County Rehabilitation Projects (ARRA Contingency List)

<b>Weights:</b>	Cost per Vehicle Mile of Travel	45 Pts
	Pavement Condition	45 Pts
	Econ. Distressed Area	10 Pts
	<b>Total</b>	<b>100 Pts</b>

Proj#	Sponsor	Street name	Limits From	Limits To	Estimated Project Cost	Vehicle Miles of Travel (VMT)	Prioritization Factors			Component Scores			Final Score (0-100 Pts)
							Project Cost per VMT	Pavement Condition Rating*	Economically Distressed Area (EDA)	Project Cost, per VMT (45 Pts)	Pavement Condition, Weighted (45 Pts)	Project in EDA (10 Pts)	
H8	Houston	Harwin	BW 8	US 59	\$245,000	103,907	2.36	13	Yes	45	44	10	99
H20	Houston	Antoine	US 290	IH 10	\$250,000	80,512	3.11	39	Yes	45	41	10	96
H15	Houston	Shepherd	Memorial Dr	IH 10	\$425,000	42,423	10.02	28	Yes	43	42	10	95
L3	Cleveland	San Jacinto	Washington	Boothe	\$156,000	5,351	29.16	35	Yes	39	41	10	90
L4	Cleveland	Travis	Hanson	Boothe	\$50,270	843	59.65	6	Yes	32	45	10	87
H19	Houston	Liberty	Lockwood	Waco St/Altoona	\$280,000	5,440	51.47	24	Yes	34	43	10	87
H10	Houston	Weslayan	San Felipe	US 59	\$630,000	31,441	20.04	9	No	41	45	0	86
H14	Houston	W. Dallas	Shepherd	Montrose Blvd	\$390,000	17,222	22.64	4	No	41	45	0	86
H11	Houston	Aldine Westfield	BW 8	Little York Rd	\$940,000	59,244	15.87	47	Yes	42	29	10	81
H2	Harris	Grant Rd.	Lakewood Forest Dr.	Old Kluge Rd	\$397,200	14,069	28.23	40	No	40	40	0	80
H7	Houston	Beechnut	BW 8	US 59	\$150,000	83,702	1.79	56	Yes	45	25	10	80
G1	Galveston	23rd Street	Harborside Drive	Broadway	\$271,120	5,307	51.09	41	Yes	34	32	10	76
G2	Galveston	21st Street	Harborside Drive	Broadway	\$271,120	5,307	51.09	41	Yes	34	32	10	76
H21	Houston	Yale	IH 610	IH 10	\$1,000,000	24,518	40.79	52	Yes	37	27	10	74
H16	Houston	Broadway	Power St	IH 610	\$287,900	8,110	35.50	55	Yes	38	25	10	73
H17	Houston	Broadway	IH 610	IH 45	\$602,100	29,797	20.21	63	Yes	41	21	10	72
H12	Houston	Navigation	Lockwood Dr	77th	\$995,000	39,283	25.33	66	Yes	40	20	10	70
M7	Montgomery	Sorters Rd	FM1314	River Ridge Drive	\$3,150,000	43,665	72.14	54	Yes	29	26	10	65
H6	Pasadena	Southmore Ave.	Strawberry Rd	Red Bluff	\$3,600,000	24,556	146.60	38	Yes	12	41	10	63
M6	Montgomery	Ford Road	SL494	Mills Branch Dr	\$2,539,000	28,309	89.69	47	Yes	24	29	10	63
H22	Houston	Jensen	IH 610	UP Railroad	\$685,000	13,055	52.47	67	Yes	34	19	10	63
H9	Houston	Gessner	Bellaire	US 59	\$165,000	43,669	3.78	73	Yes	45	4	10	59
FB1	Fort Bend	Old Richmond Road	FM 1464	West Airport Boulevard	\$1,700,000	24,432	69.58	48	No	29	29	0	58
M5	Montgomery	Nichols Sawmill Rd	FM1774	Roberts Cemetary Road	\$2,500,000	49,770	50.23	57	No	34	24	0	58
H13	Houston	Washington	Westcott St	IH 45	\$1,350,000	60,074	22.47	79	Yes	41	3	10	54
H18	Houston	Lockwood	IH 610	Clinton Dr	\$1,280,000	55,901	22.90	84	Yes	41	2	10	53
B1	Brazoria	Downing Street/CR542	SH35	FM 523	\$9,177,141	21,000	437.01	27	Yes	0	42	10	52
L1	Cleveland	Wells Road	Travis	FM 1010	\$134,600	2,205	61.04	79	Yes	32	3	10	45
H1	Harris	Katy Hockley Rd.	100' NW of Becker Rd.	100' S of Jack Rd	\$632,600	6,568	96.32	64	No	23	21	0	44
L2	Cleveland	Peach	FM787	Houston/105-321	\$85,000	653	130.11	69	Yes	15	18	10	43
FB2	Stafford	S. Kirkwood Ave	US 90A	Meadows Place City Limits	\$975,000	29,224	33.36	73	No	38	4	0	42
H3	Harris	Clay Rd.	just east of Fry Rd.	Barker Cypress	\$1,868,800	64,803	28.84	85	No	39	2	0	41
M4	Montgomery	Hardin Store	SH249	FM2978	\$1,500,000	45,018	33.32	82	No	38	2	0	40
M2	Montgomery	Grogans Mill Rd	Research Forest Dr	Woodlands Parkway	\$5,130,000	37,440	137.02	58	No	14	24	0	38
M1	Montgomery	Grogans Mill Rd	Woodlands Parkway	Sawdust Road	\$7,760,000	56,640	137.01	67	No	14	19	0	33
H5	Pasadena	Pasadena Blvd.	Harris Ave	SH225	\$2,400,000	22,608	106.16	78	Yes	20	3	10	33
M3	Montgomery	Walden Road	Del Lago Blvd	SH105	\$9,200,000	28,840	319.00	57	No	0	24	0	24
H4	Harris	War Memorial Dr.	Clay Rd	Eldridge Pkwy.	\$816,200	3,300	247.33	60	No	1	23	0	24

**Totals: \$63,989,051 1,218,205**

\* Lower Pavement Condition Ratings reflect worse pavement conditions, higher Ratings reflect better pavement conditions.