

## **H C P I D**

### **Architecture & Engineering Precinct Roads and Parks**

# HARRIS COUNTY

Public Infrastructure Department  
Architecture & Engineering Division

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## MEMORANDUM

**DATE:** May 27, 2010  
**TO:** Arthur L. Storey, Jr.  
**CC:** Charles Dean  
Dave Bechtol  
Shannon Watson  
**FROM:** John R. Blount *JB for TRB*  
**SUBJECT:** Capital Improvement Project Summary

The Architecture & Engineering Division made great strides to improve project delivery. The Capital Improvement Project Section was reorganized into Precinct teams. The remainder of the division is in the initial training phases for implementation of the Project Management Institute's (PMI) style of project management. This style mimics a multi-discipline private architectural and engineering firm. Reorganization will continue throughout the year to develop a more efficient and robust in-house design capability.

The anticipated dollar values of projects available to be bid are as follows:

<b>FY 2010-11</b>	<b>PCT 1</b>	<b>PCT 2</b>	<b>PCT 3</b>	<b>PCT 4</b>	<b>TOTAL</b>
<b>CIP ROAD &amp; BRIDGE HARRIS COUNTY</b>	15.7M	31.6M	60.5M	76.0M	<b>183.8M</b>
<b>JOINT PARTICIPATION FUNDING</b>	8.1M	32.4M	12.6M	26.5M	<b>79.6M</b>
<b>TOTAL CIP ROADS – FY 2010-11</b>	<b>23.8M</b>	<b>64.0M</b>	<b>73.1M</b>	<b>102.5M</b>	<b>263.4M</b>

<b>FY 2011-12</b>	<b>PCT 1</b>	<b>PCT 2</b>	<b>PCT 3</b>	<b>PCT 4</b>	<b>TOTAL</b>
<b>CIP ROAD &amp; BRIDGE HARRIS COUNTY</b>	24.5M	65.0M	14.5M	27.2M	<b>131.2M</b>
JOINT PARTICIPATION FUNDING	20.1M	24.2M	0.0M	8.5M	<b>52.8M</b>
TOTAL CIP ROADS	44.6M	89.2M	14.5M	35.7M	<b>184.0M</b>
<b>FY 2010-11 - FY 2011-12</b>	<b>PCT 1</b>	<b>PCT 2</b>	<b>PCT 3</b>	<b>PCT 4</b>	<b>TOTAL</b>
PARKS	13.8M	16.9M	19.5M	7.8M	<b>58.0M</b>
ROAD MAINTENANCE & REPAIRS (IN HOUSE DESIGN)	11.7M	27.5M	8.3M	16.6M	<b>64.1M</b>

It is recommended that the priority be given to the following projects.

- **Administration Building** – Replace the elevator system in the building. **Estimate \$3.0M**
- **Administration Building** – Fix the spalling concrete problem on the exterior façade of the building. **Estimate \$250k**
- **North Bayou Central Plant** – Design and construct a North Bayou Central Plant **Estimate \$31.0M**. PID has received a DOE grant totaling \$13.77M.
- **1300 Baker Street Parking Lot** – environmental testing and corrective action **Estimate \$250K**
- **Annex 83 (RTC Building)** – garage has falling debris that needs immediate repair **Estimate \$258K**
- **Atascocita Water Line** – Fund M.U.D. #278's water line **Estimate \$1.9M**.
- **Katy Juvenile Facility** – Construct a new sewage treatment plant. **Estimate \$580K**

- **Sewage Plants** – Evaluate all County owned sewage treatment plants to ensure they are in compliance with all environmental regulations. **Estimate \$50K**
- **PID Capital Fund** – Establish a PID emergency capital fund to be available for natural disasters and other emergencies. **Estimate \$1.0M**
- **Roofing** – Group D roof construction **Estimate \$1.75M** and Group E design **Estimate \$50K**
- **NPDES Funding** – Annual funding needed to comply with storm water permit regulations. **Estimate \$1.0M**
- **Northwest Library** – Repair Structure damage to facility. **Estimate \$50K**

**Harris County Public Infrastructure Department  
METRO General Mobility Program Project Funding  
June 1, 2010**

PROJECT	Planned Expenditures (funds shown in thousands)						
	1999 - 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	TOTAL
<b>Sep 09 METRO Funding Forecast</b>							
Pre-Agreement Designated Projects	68,768	7,440	0	0	0	0	76,208
Future Designated Projects	80,513	17,597	20,411	21,745	23,810	25,762	189,838
FY 99-09 Unexpended Carryover		19,368	22,714	0	0	0	42,082
Available Program Funding	149,281	44,405	43,125	21,745	23,810	25,762	308,128
Program Total	149,281	193,686	236,811	258,556	282,366	308,128	
<b>Pre-Agreement Designated Projects</b>							
Huffmeister Rd - US 290 to Cypress Creek		(53)					2,412
Perry Rd - FM 1960 to SH 249		7,440					7,440
<b>Pre-Agreement Designated Projects Total</b>	<b>68,768</b>	<b>7,387</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>76,155</b>
<b>First Funding Period Projects</b>							
Space Center/Genoa Red Bluff		2,000					7,000
<b>First Funding Period Projects Total</b>	<b>14,000</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,000</b>
<b>Second Funding Period Projects</b>							
Castlebridge Drive - Crossing over Unit E135-01-00	(13)						168
<b>Second Funding Period Projects Total</b>	<b>9,058</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,058</b>
<b>Third Funding Period Projects Total</b>	<b>8,240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,240</b>
<b>Fourth Funding Period Total</b>	<b>8,743</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,743</b>
<b>Fifth Funding Period Total</b>	<b>21,937</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,937</b>
<b>Sixth Funding Period Projects</b>							
Hollister Rd - BW 8 to Bourgeois Rd	4,542		1,372				5,914
Katy Fort Bend County Rd - IH 10 to Colonial Parkway	100	4,776					4,876
<b>Sixth Funding Period Projects Total</b>	<b>7,915</b>	<b>4,776</b>	<b>1,372</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,063</b>
<b>Seventh Funding Period Projects</b>							
Genoa Red Bluff - BW 8 to Red Bluff		3,889	9,132				13,021
Scott St - Orem Dr to Fuqua St			2,178				2,178
<b>Seventh Funding Period Projects Total</b>	<b>9,402</b>	<b>3,889</b>	<b>11,310</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,601</b>
<b>Eighth Funding Period Projects (11th)</b>							
Aldine Mail Route - Airline Drive to Aldine Westfield Road			4,900				4,900
Champion Forest Drive - Spring Cypress to Boudreaux			2,350				2,350
Cypresswood Drive - Cypress Links Trail to HCFCD K145-00-00		900					900
Cypresswood Drive - Carolina Hills to Louetta		900					900
Cypresswood Drive - Carolina Oaks to Carolina Hills			1,400				1,400
East Richey Road - Hardy to Aldine Westfield		3,700					3,700
El Camino Real - Bay Area Blvd to Nasa Pkwy			1,000				1,000
Fallbrook Drive - Winter Wind to North Eldridge			700				700
Falvel Road - Ella Blvd to Spring Stuebner		2,750					2,750
Howell-Sugarland - Bissonnet to Beechnut		2,500					2,500
Imperial Valley Drive - Rankin to Remington Heights		922					922
Kuykendahl Road - FM 2920 to Willow Creek		8,000					8,000
Morton Ranch Road - Willamette Way to Mason		2,900					2,900
North Eldridge Drive - West Little York to FM 529		2,100					2,100
Red Oak Drive - FM 1960 to Drava		2,900					2,900
Saums Road - HCFCD U101-02-00 to COH Limits			1,100				1,100
<b>Eighth Funding Period Projects Total</b>	<b>0</b>	<b>27,572</b>	<b>11,450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39,022</b>
<b>Future Designated Projects Funds Available</b>	<b>1,219</b>	<b>0</b>	<b>18,993</b>	<b>21,745</b>	<b>23,810</b>	<b>25,762</b>	<b>91,529</b>
<b>Total General Mobility Estimated Expenditures</b>	<b>148,062</b>	<b>45,624</b>	<b>43,125</b>	<b>21,745</b>	<b>23,810</b>	<b>25,762</b>	<b>308,128</b>

**Precinct One Park Acreage  
2010**

<b>Park</b>	<b>Acreage</b>
Alexander Deussen Park	309
Alameda Park	43
Barbara Jordan Park	6.2
Bill Crowley Park	30
Blueridge	296
Brays Bayou Hike and Bike Trail	44
Challenger Seven Memorial Park	326
Choate Park	41
Christia V. Adair	59.32
Dixie Farm Road Park	39.94
Dow One Park	9
Dow Two Park	9
Dwight D. Eisenhower Park	682.5
El Franco Lee Park	345.59
Ella Boulevard Hike and Bike Trail	3.6
Finnigan Park (joint City-County Pk.)	19
Frankie Carter Randolph Park	73.16
Gerber Park	1.54
Heritage Park Hike and Bike TRail	5.5
Hunting Bayou Hike & Bike Trail	3.6
Hutcheson Park	3.65
Kirkwood South Park	3.64
Lincoln Park	8.6
Mickey Leland Memorial Park	0.715
Norman Way Park	7
Oxnard Park	14
Pep Mueller Park	14.55
Quebedeaux Park	0.8
Reliant Park	263
Sagemeadow Park	3.047
Sheldon Sports Park	154.4
Sims Bayou Hike & Bike Trail 1	7.3
Sims Bayou Hike & Bike Trail 2	1.8

<b>Park</b>	<b>Acreage</b>
Sims Bayou Hike & Bike Trail 3	10.9
Southbelt Hike & Bike Trail	14.9
Street Olympics Complex	7.25
Tom Bass Regional Park Section I	239.24
Tom Bass Regional Park Section II	242.16
Golf	
Tom Bass Regional Park Section III	121.02
<i>TOT_AC Sum</i>	
3464.922	

**Precinct Two Park Acreage  
2010**

<b>Park</b>	<b>Acreage</b>
Allison Peirce Wetlands Sanctuary	5.79
Armand Bayou Park	2234
Banana Bend Nature Preserv	456
Bay Area Park	64.3
Baytown Park (Seniors Sports Complex)	6.27
Baytown Soccer Complex	154.77
Bretshire Park	6.5
Buffalo Bend	10
Burnett Park	6.3
Cedar Bayou Park	170.145
Cedar Grove Park	0.6
Channelview Sports Complex	31.3
Channelwood Park	6.4
Clear Lake Park North	43
Clear Lake Park South	16
Cloverleaf Park	1
Dads' Club Sports Park	34
East Harris County Activity Center	5.7
Edna Mae Washington Park	28.99
Gene Green Beltway 8 Park	230.05
Highlands Park	12.8
Highlands Sports Complex	15.8
Hogg Park	0.851
I-10 at Beltway 8	15
Independence Parkway South Plaza	2
James Bute Park	1.5
James Driver Park	29.27
Jim and Joann Fonteno Family Park	37.4
John R. Harris Tract 1	5.66
John R. Harris Tract 2	2.321
Juan Seguin	4.9

<b>Park</b>	<b>Acreage</b>
Leon Z. Grayson/Baldree Community Center	2
Leonel J. Castillo Community Center	3.22
Lynchburg Townsite Cemetery	2
Mary Withers	6
Meadowbrook Park	13
Moncrief Park	3.4
Northshore Park	46.4
Northshore Rotary Park	2.8
Pinewood Village	2.86
Ramsey/Flukenger community Centers	5.8
Riley Chambers Park	35.4
Rio Villa Park	215.3
River Terrace Park	13.9
Roy D. "Kipper" Mease Park	297.7
Seabrook Sports Complex	8.2
Space Center Blvd Wetlands	24
Space Center Mitigation Site 1	30
Space Center Mitigation Site 2	15.43
Stratford Park	4.8
Sylvan Beach Park	31.4
<i>TOT_AC Sum</i>	
4402.227	

**Precinct Three Park Acreage  
2010**

<b>Park</b>	<b>Acreage</b>
Alief Amity Park	11
Arthur Storey Park	208.36
Bauer Rd. Park	0.6
Bayland Park	69.83
Bear Creek Park	2168
Beeler Memorial Park	1
Bishop Fiorenza Park	12.6
Bracher Pocket Park	0.21
Brays Bayou Hike and Bike Trail	250
Bud Hadfield Park	53
Carol Tree Park	1.5
Congressman Bill Archer Park	926.7
Creek Pocket Park	1
Cypress Park	118
Cypress Top Park	2
Danny Jackson Family Bark Park	2.76
E. Shadow Lake Park	1
Emnora Lane Hike and Bike	12.25
Flag Tree Park	1.5
Four Seasons Park	32
Fry Road Park	6.45
Gary and Bonnie Trietsch Park	6
George Bush Park	7800
Gessner Park	1
Glenmore Forest Park	1.18
Harris County Bonham Nature Park	1.16
Hockley Park	23.5
Housman Park	1
John Paul's Landing	865.361
Katy Park	100
Kleb Woods Nature Preserve	130
Langham Creek Park	190
Marrs-Satsuma Park	2.68

<b>Park</b>	<b>Acreage</b>
Mary Jo Peckham Park For All Children	32.3
Mason Creek Park	78.97
Maureen and Joe Mulrooney Pocket Park	1.74
Mayde Creek Pocket Park	0.4337
Molly Pryor Memorial Orchard	1.1
Monsignor Bill Pickard Park	8.4
Moritz Pech Family Park	1
New Kentucky Park	3.9
Nob Hill Park	13.18
Nottingham Park	22.5
Old Westheimer Park	48
Paul D. Rushing Park	232
Pitner Park	1.2
Ray Miller Park	15
Regency Park	4.54
Saums Park	0.5
Sgt. J. R. Hatch Sport Park	2.8
Spring Branch Pocket Park	1
Stein Family Park	2.8
Susan C. Kellner Pocket Park	1.56
Telge Park	111
Telge Road West	10.24
Terry Hershey Park	573
Zube Park	139.4
<i>TOT_AC Sum</i>	
<i>14308.2047</i>	

**Precinct Four Park Acreage  
2010**

<b>Park</b>	<b>Acreage</b>
A. D. Dyess Park	113.73
Arthur Bayer Park	36.25
Bane Park	19
Carter Tract	117
Crosby Park	46
Crosby Sports Complex	13
Cypress Creek Park Project Site 6	86
Cypress Creek Park Project Site 7	74
Cypress Creek Park Project Site 8	234
Cypresswood Golf Course	852
Don Collins Park	47.4
Elizabeth Kaiser Meyer Park	171.73
Foreman Tract	146.73
Fritsche Park	91
I. T. May Park	69
Independence Park	5
Jesse H. Jones Park and Nature Center	312
John Pundt Park	380
Kenswick Meadows	36
Kickerillo-Mischer Nature Preserve	81.8
Klein Park	7
Kuykendahl Road Park	106.63
Lindsay/Lyons Sports Center	136
Little Cypress Preserve	57.93
Matzke Park	19.45
Mercer Arboretum & Botanical Gardens	325
Rice Tract	189
Richard P. Doss Park	33
Roy Campbell Burroughs Park	320
Samuel Matthews Park	6
Southwell Park	5
Spring Creek Park	114

<b>Park</b>	<b>Acreage</b>
Turkey Creek Park	114
YMCA Tract	45.2
<i>TOT_AC Sum</i>	
4409.85	

## Harris County Greenway Trails 2010

PRECINCT	Trail	Length
<b>1</b>		
1	Brays Bayou	12
1	Dixie Farm Road Park Trail	0.6
1	Ella Boulevard Hike & Bike	1
1	Halls Bayou Keith-Wiess	0.84
1	Heritage Park Trail	1.5
1	Hunting Bayou H&B 1	1
1	Hunting Bayou/Hutcheson Park	1.1
1	Sims Bayou Hike & Bike Trail 1	2
1	Sims Bayou Hike & Bike Trail 2	0.5
1	Sims Bayou Hike & Bike Trail 3	3
1	Southbelt Hike and Bike	4.1
<i>PAVED_LNTH Sum</i>		
27.64		
<b>2</b>		
2	Bay Area Hike & Bike Trail	5.2
2	Carpenters Bayou	1.56
2	Halls Bayou H&B	2.1
<i>PAVED_LNTH Sum</i>		
8.86		
<b>3</b>		
3	Brays Bayou	5.3
3	Emnora Trail	0.61
3	George Bush Soccer Connection	0.32
3	George Bush Trail	11.4
3	Mason Creek Trail 1	2.35
3	Terry Hershey	10.83
3	Trietsch Trail	1.5
<i>PAVED_LNTH Sum</i>		
32.31		
<b>4</b>		
4	Faulkey Gully Trail	1.9
4	Jersey Village Trail	1.9
4	Judy Bell Trail	0.6
4	Pundt Park Trail	0.8
<i>PAVED_LNTH Sum</i>		
5.2		