

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: June 15, 2011
TO: Arthur L. Storey, Jr
CC: Charles Dean Jeremy Phillips
 Dave Bechtol Joe Castillo
FROM: John R. Blount *JRB*
SUBJECT: Capital Improvement Project Summary

The Architecture & Engineering Division made major changes to the organizational structure to include the establishment of a centralized Project Management Office, Project Services, and General Services sections. Capital Improvement Project staff now includes engineering, traffic, and architectural components. These changes are a part of the division's ongoing efforts to streamline its project process and improve quality of work in light of the county's current fiscal situation. The division continues to work with Commissioner Precincts and other county departments to identify more efficient means of project delivery.

The estimated dollar values (amounts in millions) of projects under design and available to bid are as follows:

<u>FY 2011-12</u>	<u>PCT 1</u>	<u>PCT 2</u>	<u>PCT 3</u>	<u>PCT 4</u>	<u>TOTAL</u>
Road & Bridge CIP	48.90	24.5	32.60	69.40	175.40
Joint Participation Funding	24.90	5.70	13.30	9.90	53.80
Total CIP Roads	73.80	30.2	45.90	79.30	229.20

<u>FY 2011-12 - FY 2012-13</u>	<u>PCT 1</u>	<u>PCT 2</u>	<u>PCT 3</u>	<u>PCT 4</u>	<u>TOTAL</u>
Parks CIP	0.34	0.14	0.00	0.00	0.48
Road Maint & Repair (In-House)	7.70	2.60	2.90	9.80	23.00

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

- **Administration Bldg** – Repair spalling concrete on the exterior façade **Est \$250K**
- **Fire Sprinkler Systems** – Install systems on various floors of the Administration and RTC buildings **Est \$1.6M**
- **RTC Bldg** – Repair falling debris in Garage **Est \$258K**
- **Atascocita Wastewater Utilities** – Improvements to wastewater facilities in coordination with MUD 278 **Est \$1.1M**
- **1300 Baker Street** – Parking lot improvements **Est \$250K**
- **Bear Creek Park Wastewater Treatment Plant** – Upgrade existing treatment system to eliminate infiltration issues Phase I **Est \$250K**
- **George Bush Park Wastewater Plant** – Convert existing treatment plant to an on-site sewage disposal system **Est \$75K**

**Harris County Public Infrastructure Department
METRO General Mobility Program Project Funding
June 1, 2011**

PROJECT	Planned Expenditures (funds shown in thousands)						TOTAL
	1999 - 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	
Sep 10 METRO Funding Forecast							
Pre-Agreement Designated Projects	68,768	3,692	3,748	0	0	0	76,208
Future Designated Projects	79,287	6,148	19,112	21,561	23,026	24,754	173,888
FY 99-10 Unexpended Carryover		12,526	38,179	4,358	0	0	55,063
Available Program Funding	148,055	22,366	61,039	25,919	23,026	24,754	305,159
Program Total	148,055	170,421	231,460	257,379	280,405	305,159	
Pre-Agreement Designated Projects							
Perry Rd - FM 1960 to SH 249		3,692	3,748				7,440
Pre-Agreement Designated Projects Total	68,768	3,639	3,748	0	0	0	76,155
First Funding Period Projects Total	14,000	2,000	0	0	0	0	16,000
Second Funding Period Projects Total	9,058	0	0	0	0	0	9,058
Third Funding Period Projects Total	8,240	0	0	0	0	0	8,240
Fourth Funding Period Total	8,743	0	0	0	0	0	8,743
Fifth Funding Period Total	21,937	0	0	0	0	0	21,937
Sixth Funding Period Projects							
Hollister Rd - BW 8 to Bourgeois Rd	4,542		280				4,821
Katy Fort Bend County Rd - IH 10 to Colonial Pkwy	100	531	4,245				4,876
Sixth Funding Period Projects Total	7,915	531	4,525	0	0	0	12,970
Seventh Funding Period Projects							
Genoa Red Bluff Rd - BW 8 to Red Bluff Rd		3,889		9,132			13,021
Scott St - Orem Dr to Fuqua St				2,178			2,178
Seventh Funding Period Projects Total	9,402	3,889	0	11,310	0	0	24,600
Eighth Funding Period Projects							
Aldine Mail Route - Airline Drive to Aldine Westfield Rd				4,900			4,900
Fallbrook Dr - Winter Wind to North Eldridge				700			700
Saums Rd - HCFCD U101-02-00 to COH Limits				1,100			1,100
Eighth Funding Period Projects Total	0	12,300	19,104	6,700	0	0	38,104
Ninth Funding Period Projects							
Cypress Rose Hill - Grant Rd to Lake Cypress Hill			2,000				2,000
Kluge Rd - Little Cypress Creek to McSwain Rd			3,000				3,000
Mason Creek/George Bush Park Hike & Bike Trails			750				750
Schiel Rd - Mueschke Rd to 0.5 mile west			736				736
Spring Cypress Rd - Faulkey Gully to SH 249				8,156			8,156
Future Precinct Two Project(s)				5,388			5,388
Ninth Funding Period Projects Total	0	0	6,486	13,544	0	0	20,030
Tenth Funding Period Projects							
Huffmeister Rd - Cypress Church to Cypress Rose Hill				2,000			2,000
Kluge Rd - McSwain Rd to Pct 3 boundary line			800				800
Morton Ranch Rd - Porter Rd to Willamette Way			3,800				3,800
Mueschke Rd - Little Cypress Creek to Wilks Rd			3,800				3,800
Schiel Rd - Mason Rd to 0.5 mile east			1,100				1,100
Skinner Rd - Spring Cypress Dr to Huffmeister Rd			6,000				6,000
Proposed Tenth Funding Period Projects Total	0	0	15,500	2,000	0	0	17,500
Future Designated Projects Funds Available	(7)	0	11,676	4,041	23,026	24,754	63,490
Total General Mobility Estimated Expenditures	148,062	22,359	49,363	37,595	23,026	24,754	305,159

HCPID Architecture & Engineering Division
County Parks - Total Acreage
June 1, 2001

Precinct One			
Alexander Deussen Park	309	Hutcheson Park	4
Alameda Park	43	Kirkwood South Park	4
Barbara Jordan Park	6	Lincoln Park	9
Bill Crowley Park	30	Mickey Leland Memorial Park	1
Blueridge Park	296	Nonnan Way Park	7
Brays Bayou Hike and Bike Trail	44	Oxnard Park	14
Challenger Seven Memorial Park	326	Pep Mueller Park	15
Choate Park	41	Quebedeaux Park	1
Christia V. Adair	59	Reliant Park	263
Dixie Farm Road Park	40	Sagemeadow Park	3
Dow One Park	9	Sheldon Sports Park	154
Dow Two Park	9	Sims Bayou Hike & Bike Trail 1	7
Dwight D. Eisenhower Park	683	Sims Bayou Hike & Bike Trail 2	2
El Franco Lee Park	346	Sims Bayou Hike & Bike Trail 3	11
Ella Boulevard Hike and Bike Trail	4	Southbelt Hike & Bike Trail	15
Finnigan Park (Joint City-County Pk)	19	Street Olympics Complex	7
Frankie Carter Randolph Park	73	Tom Bass Regional Park Section I	239
Gerber Park	2	Tom Bass Regional Park Section II	242
Heritage Park Hike and Bike Trail	6	Tom Bass Regional Park Section III	121
Hunting Bayou Hike & Bike Trail	4	Precinct One Park Acreage	3465

Precinct Two			
Allison Peirce Wetlands Sanctuary	6	Jim and Joann Fonteno Family Park	37
Armand Bayou Park	2,234	John R Harris Tract 1	6
Banana Bend Nature Preserve	456	John R Harris Tract 2	2
Bay Area Park	64	Juan Seguin	5
Baytown Park (Seniors Sports Complex)	6	Leon Z. Grayson / Baldree Community Ctr	2
Baytown Soccer Complex	155	Leonel J. Castillo Community Ctr	3
Bretshire Park	7	Lynchburg Townsite Cemetery	2
Buffalo Bend	10	Mary Withers	6
Bumett Park	6	Meadowbrook Park	13
Cedar Bayou Park	170	Moncrief Park	3
Cedar Grove Park	1	Northshore Park	46
Channelview Sports Complex	31	Northshore Rotary Park	3
Channelwood Park	6	Pinewood Village	3
Clear Lake Park North	43	Ramsey/Flukenger Community Ctrs	6
Clear Lake Park South	16	Riley Chambers Park	35
Cloverleaf Park	1	Rio Villa Park	215
Dads' Club Sports Park	34	River Terrace Park	14
East Harris County Activity Center	6	Roy D. "Kipper" Mease Park	298
Edna Mae Washington Park	29	Seabrook Sports Complex	8
Gene Green Beltway 8 Park	230	Space Center Blvd Wetlands	24
Highlands Park	13	Space Center Mitigation Site 1	30
Highlands Sports Complex	16	Space Center Mitigation Site 2	15
Hogg Park	1	Stratford Park	5
Independence Parkway South Plaza	2	Sylvan Beach Park	31
James Bute Park	2	Undeveloped Greenspace 1-10 @ Beltway 8	15
James Driver Park	29	Precinct Two Park Acreage	4,402

Precinct Three			
Alief Amity Park	11	Katy Park	100
Arthur Storey Park	208	Kleb Woods Nature Preserve	130
Bauer Rd. Park	1	Langham Creek Park	190
Bayland Park	70	Marrs-Satsuma Park	3
Bear Creek Park	2,168	Mary Jo Peckham Park For All Children	32
Beeler Memorial Park	1	Mason Creek Park	79
Bishop Fiorenza Park	13	Maureen and Joe Mulrooney Pocket Park	2
Bracher Pocket Park	0	Mayde Creek Pocket Park	0
Brays Bayou Hike and Bike Trail	250	Molly Pryor Memorial Orchard	1
Bud Hadfield Park	53	Monsignor Bill Pickard Park	8
Carol Tree Park	2	Moritz Pech Family Park	1
Congressman Bill Archer Park	927	New Kentucky Park	4
Creek Pocket Park	1	Nob Hill Park	13
Cypress Park	118	Nottingham Park	23
Cypress Top Park	2	Old Westheimer Park	48
Danny Jackson Family Bark Park	3	Paul D. Rushing Park	232
E. Shadow Lake Park	1	Pitner Park	1
Emnora Lane Hike and Bike	12	Ray Miller Park	15
Flag Tree Park	2	Regency Park	5
Four Seasons Park	32	Saums Park	1
Fry Road Park	6	Sgt. J. R. Hatch Sport Park	3
Gary and Bonnie Trietsch Park	6	Spring Branch Pocket Park	1
George Bush Park	7,800	Stein Family Park	3
Gessner Park	1	Susan C. Kellner Pocket Park	2
Glenmore Forest Park	1	Telge Park	111
Bonham Family Nature Park	1	Telge Road West	10
Hockley Park	24	Terry Hershey Park	573
Housman Park	1	Zube Park	139
John Paul's Landing	865	Precinct Three Park Acreage	14,308

Precinct Four			
A. D. Dyess Park	114	John Pundt Park	380
Arthur Bayer Park	36	Kenswick Meadows	36
Bane Park	19	Kickerillo-Mischer Nature Preserve	82
Carter Tract	117	Klein Park	7
Crosby Park	46	Kuykendahl Road Park	107
Crosby Sports Complex	13	Lindsayl Lyons Sports Center	136
Cypress Creek Park Project Site 6	86	Little Cypress Preserve	58
Cypress Creek Park Project Site 7	74	Matzke Park	19
Cypress Creek Park Project Site 8	234	Mercer Arboretum & Botanical Gardens	325
Cypresswood Golf Course	852	Rice Tract	189
Don Collins Park	47	Richard P. Doss Park	33
Elizabeth Kaiser Meyer Park	172	Roy Campbell Burroughs Park	320
Foreman Tract	147	Samuel Matthews Park	6
Fritsche Park	91	Southwell Park	5
I. T. May Park	69	Spring Creek Park	114
Independence Park	5	Turkey Creek Park	114
Jesse H. Jones Park and Nature Center	312	YMCA Tract	45
		Precinct Four Park Acreage	4,410

Harris County Total Park Acreage 26,585

**HCPID Architecture & Engineering Division
County Parks - Total Greenway Trails
June 1, 2011**

	Mi.
Precinct One	
Brays Bayou Trail	12
Dixie Farm Road Park Trail	1
Ella Boulevard Hike & Bike Trail	1
Halls Bayou Keith-Wiess Trail	1
Heritage Park Trail	2
Hunting Bayou Hike & Bike Trail	1
Hunting Bayou/Hutcheson Park Trail	1
Sims Bayou Hike & Bike Trail 1	2
Sims Bayou Hike & Bike Trail 2	1
Sims Bayou Hike & Bike Trail 3	3
Southbelt Hike and Bike Trail	4
Precinct One Greenway Trails	28
Precinct Two	
Bay Area Hike & Bike Trail	5
Carpenters Bayou Hike & Bike Trail	2
Halls Bayou Hike & Bike Trail	2
Precinct Two Greenway Trails	9
Precinct Three	
Brays Bayou Trail	5
Emnora Trail	1
George Bush Soccer Connection Trail	0
George Bush / Mason Creek Trail	11
Mason Creek Trail	2
Terry Hershey Trail	11
Trietsch Trail	2
Precinct Three Greenway Trails	32
Precinct Four	
Faulkey Gully Trail	2
Jersey Village Trail	2
Judy Bell Trail	1
Pundt Park Trail	1
Precinct Four Greenway Trails	5
Harris County Total Greenway Trails	74