

FM1093 Westpark Extension

PROGRAM UPDATE - December 18, 2012

Phase I (FM1463 to SH99)

Mobility Bond Issue #748, Precinct 3
TxDOT AFA – March 30, 2012

Notice to Proceed: November 22, 2011 for Planning and Engineering of Highway Improvements- Main Lanes and Frontage Roads

Dannenbaum Team includes Brinkley-Barfield, Costello, HTS, Halff Assoc., Jacobs, Klotz Assoc., LTRA, TEDSI, and Weisser

Program Specifics:

- Length – 4.12 miles, Broken Down into Three (3) Design Segments
- Total Construction Cost – \$60.1 million (See Attached Cost Summary)
- Current Development Schedule –
 - Environmental Clearance: May 2013
 - Complete Design: June 2013
 - Construction: November 2013 to May 2015

Program Status Highlights:

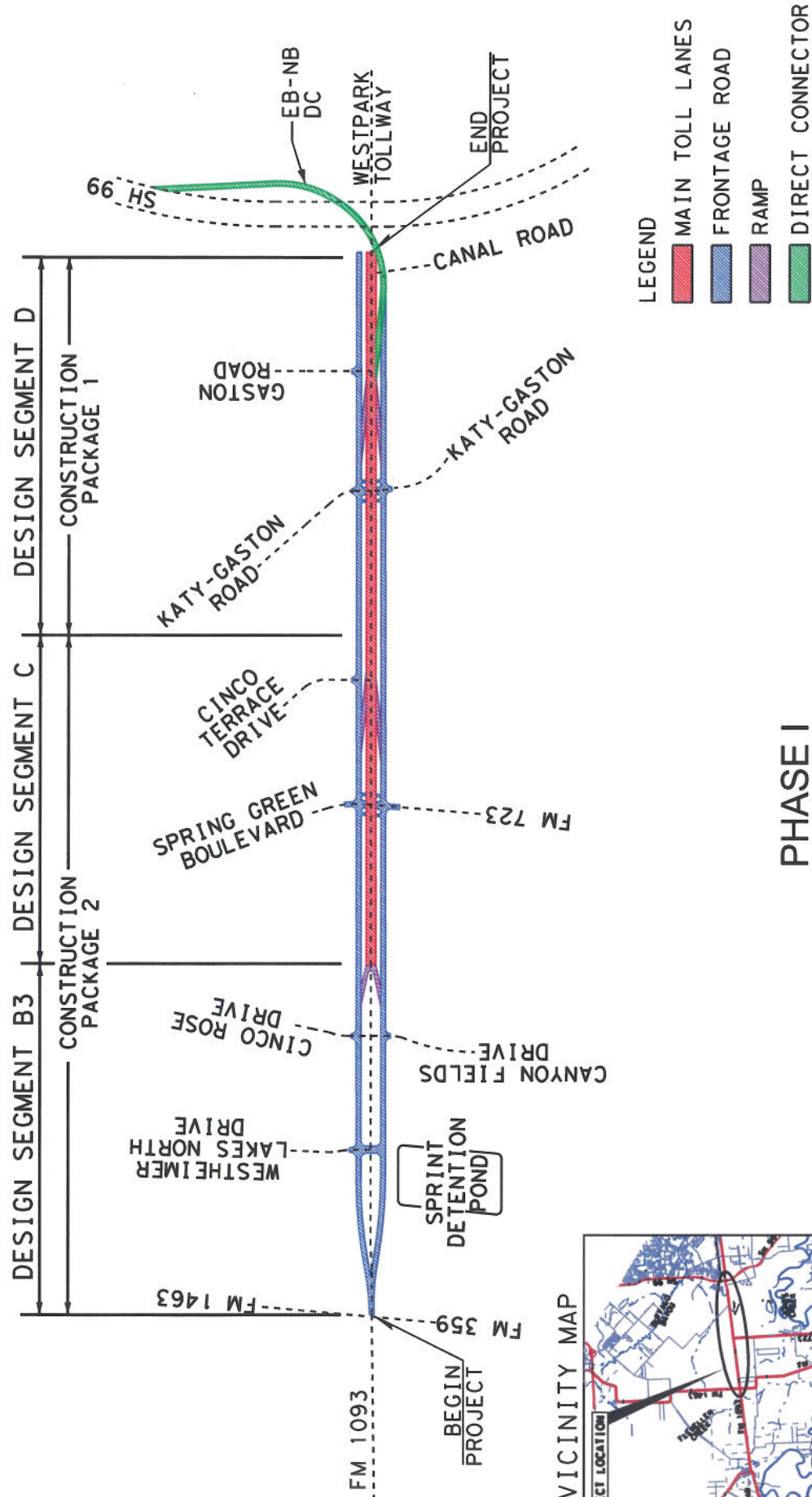
- Work Completed to date includes new ground and aerial survey mapping, geotechnical engineering, property mapping
- Schematic Design and Drainage Mitigation Report under final TxDOT review
- Draft EA Document nearing TxDOT (ENV) review completion
- Final Design at 30% Development Stage
- Continuing with on-going public and stakeholder outreach efforts, including regular briefings with TxDOT, Fort Bend County Toll Road Authority, impacted property owners and developers as well as jurisdictional agencies.

Program Trivia:

- Estimated Tons of Concrete Pavement to be Constructed - 174,000 Tons
- Miles of Storm Sewers to be Built – 7.5 miles
- Cubic Yards of Earth to be Moved - 300,000 Cubic Yards
- Estimated Daily Traffic Demand to be Served in 2015 - 20,000 vehicles per day

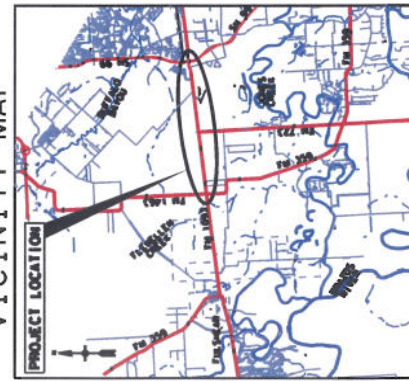
FM 1093 Westpark Extension Phase I
Cost Breakdown
30% Design

		30% Segment Design Estimate		
		Frontage Road (FBC)	Main Toll Lanes (FBCTRA)	Total
1	Roadway Items	\$13,650,413	\$11,848,198	\$25,498,609
2	Bridge Items	\$0	\$2,840,967	\$2,840,967
3	Retaining Walls	\$0	\$3,801,210	\$3,801,210
4	Storm Sewer	\$6,405,761	\$7,075,496	\$13,481,258
5	Illumination	\$25,000	\$475,000	\$500,000
6	SWPPP	\$75,000	\$300,000	\$375,000
7	Traffic Signals	\$450,000	\$0	\$450,000
8	Traffic Control	\$81,000	\$27,000	\$108,000
9	Signage	\$120,000	\$120,000	\$240,000
10	Pavement Marking	\$30,025	\$55,761	\$85,786
11	Electronic Toll Collection	\$0	\$1,925,000	\$1,925,000
12	Sound Walls	\$0	\$740,800	\$740,800
	Total	\$20,837,199	\$29,209,432	\$50,046,629
	Mobilization (10%)	\$2,083,720	\$2,920,943	\$5,004,663
	Contingency (10%)	\$2,083,720	\$2,920,943	\$5,004,663
	Total Construction Cost	\$25,004,639	\$35,051,318	\$60,055,955
	Utilities	\$350,000	\$3,563,250	\$3,913,250
	Right of Way	\$0	\$10,380,312	\$10,380,312
	Engineering/Survey	\$2,146,990	\$3,009,635	\$5,156,625
	Const. Phase Serv. (3%)	\$750,139	\$1,051,540	\$1,801,679
	Contingency (10%)	\$249,699	\$1,695,320	\$1,945,019
Phase I Totals		\$28,501,467	\$54,751,374	\$83,252,839



- LEGEND
- MAIN TOLL LANES
 - FRONTAGE ROAD
 - RAMP
 - DIRECT CONNECTOR

VICINITY MAP



PHASE I PROJECT LAYOUT NTS

FM1093 Westpark Extension

PROGRAM UPDATE - December 18, 2012

Phase II (James Ln. to FM1463)

Mobility Bond Issue #748, Precinct 3
TxDOT AFA – March 22, 2012

Notice to Proceed: March 26, 2012 for Planning and Engineering of Highway Improvements- Boulevard Section through City of Fulshear and Frontage Roads with provisions for future mainlanes from Cross Creek Ranch to FM1463.

Dannenbaum Team includes CivilCorp, HTS, Halff Assoc., Klotz Assoc., LTRA, TEDSI, and Weisser

Program Specifics:

- Length – 4.15 miles, Broken Down into Three (3) Design Segments
- Total Construction Cost – \$24.1 million (See Attached Cost Summary)
- Current Development Schedule –
 - Environmental Clearance: April 2014
 - Complete Design: May 2014
 - Construction: July 2014 to February 2016

Program Status Highlights:

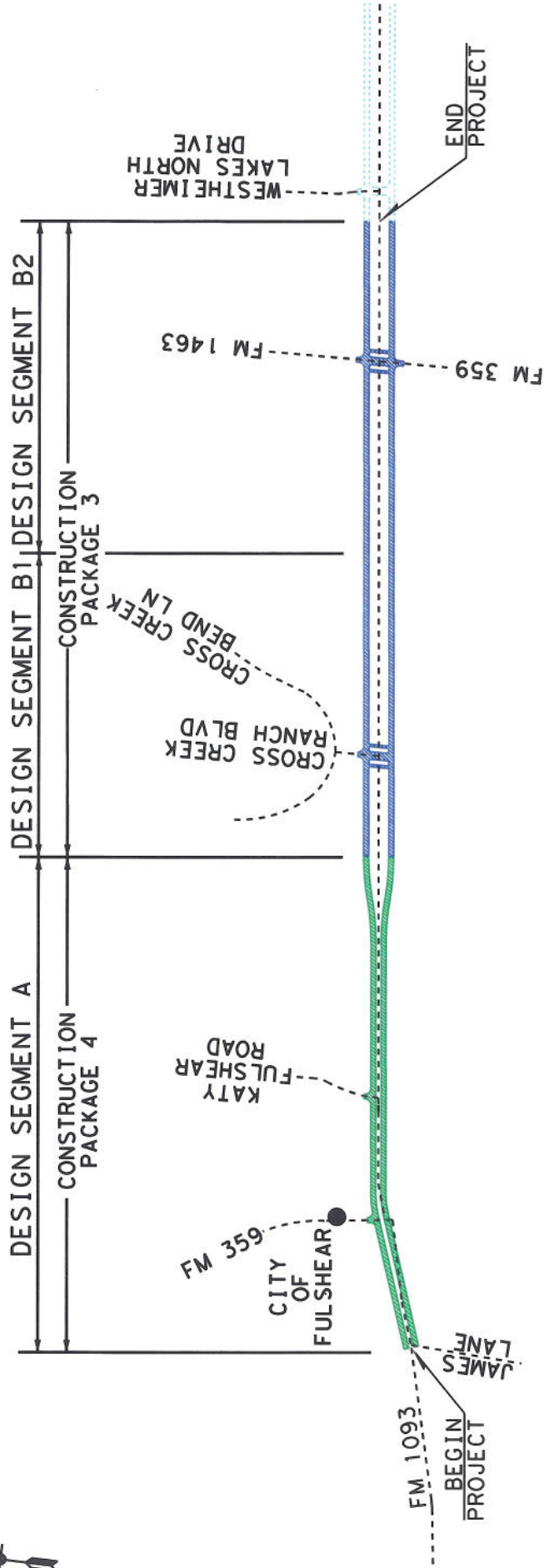
- Work Completed to date includes new ground and aerial survey mapping, geotechnical engineering, and preliminary property mapping
- Schematic Design and Drainage Mitigation Report at 90% complete stage
- Draft EA Document in development stage. Currently team is responding to public comments received from September 20, 2012 Public Meeting. Alternatives are being considered to address public comment.
- Continuing with on-going public and stakeholder outreach efforts, including regular briefings with TxDOT, Fort Bend County Toll Road Authority, impacted property owners and developers as well as jurisdictional agencies.

Program Trivia:

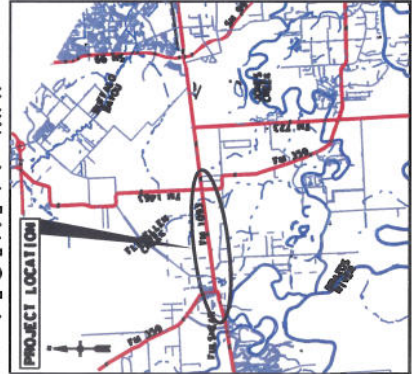
- Estimated Tons of Concrete Pavement to be Constructed – 80,000 Tons
- Miles of Storm Sewers to be Built - 1-Mile
- Cubic Yards of Earth to be Moved - 275,000 Cubic Yards
- Estimated Daily Traffic Demand to be Served in 2015 is 20,000 vehicles per day

FM 1093 Westpark Extension Phase II
Cost Breakdown
Current Plan - Schematic Design Stage

		Schematic Estimate September 2012		
		Frontage Road (FBC)	Frontage Road (FBCTRA)	Total
1	Roadway Items	\$13,794,362	\$739,941	\$14,534,304
2	Bridge Items	\$483,600	\$0	\$483,600
3	Retaining Walls	\$248,880	\$0	\$248,880
4	Storm Sewer	\$1,903,564	\$475,891	\$2,379,455
5	Illumination	\$120,000	\$30,000	\$150,000
6	SWPPP	\$375,000	\$0	\$375,000
7	Traffic Signals	\$900,000	\$0	\$900,000
8	Traffic Control	\$54,000	\$0	\$54,000
9	Signage	\$80,000	\$0	\$80,000
10	Pavement Marking	\$90,000	\$0	\$90,000
11	Electronic Toll Collection	\$0	\$0	\$0
12	Sound Walls	\$0	\$0	\$0
	Total	\$18,049,406	\$1,245,832	\$19,295,239
	Mobilization (10%)	\$1,804,941	\$124,583	\$1,929,524
	Contingency (15%)	\$2,707,411	\$186,875	\$2,894,286
	Total Construction Cost	\$22,561,758	\$1,557,290	\$24,119,048
	Utilities	\$1,000,000	\$1,500,000	\$2,500,000
	Right of Way	\$1,958,078	\$7,832,310	\$9,790,388
	Engineering/Survey	\$3,040,476	\$209,864	\$3,250,340
	Const. Phase Serv. (3%)	\$676,853	\$46,719	\$723,571
	Contingency (15%)	\$899,783	\$1,431,326	\$2,331,109
Phase II Totals		\$30,136,947	\$12,577,510	\$42,714,457



VICINITY MAP



LEGEND

- MAIN TOLL LANES
- FRONTAGE ROAD
- RAMP
- BOULEVARD

PHASE II
PROJECT LAYOUT
NTS