



City Council
1901 5Th Street
Bay City, TX 77414

SCHEDULED

Meeting: 05/25/17 07:00 PM
Department: Public Works
Category: Report
Prepared By: Barry Calhoun
Initiator: Barry Calhoun
Sponsors:
DOC ID: 2628

DISCUSSION ITEM (ID # 2628)

RECEIVE AND DISCUSS AN UPDATE ON ONGOING PUBLIC WORKS PROJECTS INCLUDING STREET REHABILITATION PROJECTS, UTILITY PROJECTS, GRANT PROJECTS, SIEMENS ENERGY SAVINGS PROJECT, AND NEW DEVELOPMENTS.

The Public Works Department is responsible for several infrastructure capital improvement projects, construction projects, issuing building permits, and new developments in Bay City. Attached is a brief list of ongoing Public Works projects.

City of Bay City
Public Works Department

Regular City Council Meeting
 May 25, 2017 | 7:00 p.m.

Project Updates

Street Rehab Project – Phase III (Funding Source: 2016 CO)

- Phase III-A: Seal Coat
 - Bid Advertising: July 20th & July 27th
 - Bid Opening: August 3, 2016
 - Award Bid: August 11, 2016
 - Pre-Construction Meeting: September 20, 2016
 - Contractor: Matagorda Construction & Materials
 - Engineer: CivilCorp
 - Engineer Estimate: \$632,400
 - Award Amount: \$566,400.00
 - Change Orders:
 - 1) +\$201,038.00 (+15 Calendar Days)
 - Actual Construction Amount: \$767,438.00
 - Original Construction Time: 45 Days
 - Current Construction Time: 60 Days
 - Contract Start Date: October 3, 2016
 - Contract End Date: December 2, 2016
 - Actual Start Date: October 3, 2016
 - Target End Date: May 31, 2017
 - Percent Complete: 95%
 - Status: Working on punch list items
 - Streets Included:
 - Ave E
 - 8th St
 - Austin St
 - Marguerite St
 - Moore Ave
 - Andrea Dr
 - Hiram Brandon
 - Morningside Dr
 - Mockingbird Ln
 - Sparks Rd (County Road)
 - Norvell Rd (County Road)
- Phase III-B: Full Depth Reconstruction
 - Estimate: \$2,800,000
 - Target Bid Date: Jul-2017
 - Intersection Rehabs:
 - Nichols Ave & 6th St
 - 6th St & Ave H to Ave I
 - Nichols Ave & 4th St West Side
 - Nichols Ave & Carey Smith Blvd
 - 8th St & Ave F to Ave E
 - Streets Include:
 - Hamman Rd (Hot Mix Overlay)
 - Thierr Dr
 - Gontier Dr
 - Holly Dr
 - Belegarde Dr

Attachment: City Council Project Updates 2017-05-25 (2628 : Update on Public Works Projects)

- Nichols Ave
- Sims St

Grant Projects:

- 2015 TCF Main Street Sidewalk Brick Pavers – 6th St at BayTex Hotel
 - Budget: \$147,000
 - Scope: Replace existing concrete sidewalk with brick pavers along 6th St in front of BayTex Hotel including curb & drainage
 - Bid Advertising: October 5th & October 12th
 - Bid Opening: October 20, 2016
 - Award Bid: November 3, 2016
 - Pre-Construction Meeting: December 14, 2016
 - Contractor: Staff Construction
 - Grant Administrator: GrantWorks
 - Engineer: CivilCorp
 - Engineer Estimate: \$147,000.00
 - Award Amount: \$129,829.00
 - Change Orders:
 - 1) -\$3,458.40 (0 Calendar Days)
 - Actual Construction Amount: \$126,370.60
 - Original Construction Time: 90 Days
 - Current Construction Time: 59 Days
 - Actual End Date: March 14, 2017
 - Percent Complete: 100%
- 2015 CDBG Sewer Improvements – Highland Subdivision
 - Budget: \$301,000
 - Scope: Rehab existing sewer lines & manholes
 - Bid Advertising: October 26th & November 2nd
 - Bid Opening: November 10, 2016
 - Award Bid: November 17, 2016
 - Pre-Construction Meeting: December 14, 2016
 - Contractor: Texas Pride Utilities
 - Grant Administrator: GrantWorks
 - Engineer: CivilCorp
 - Engineer Estimate: \$560,462.70
 - Award Amount: \$361,507.00
 - Change Orders:
 - 1)
 - Actual Construction Amount: \$361,507.00
 - Original Construction Time: 90 Days
 - Current Construction Time: 90 Days
 - Target End Date: May 31, 2017
 - Status: Working on punch list items
 - Percent Complete: 90%
- 2016 TCF Drainage Improvements - SMBG
 - Budget: \$127,504
 - Scope: Add pump station & components to support SMBG development
 - Bid Advertising: September 21st & September 28th
 - Bid Opening: October 6, 2016
 - Award Bid: October 13, 2016
 - Pre-Construction Meeting: November 2, 2016
 - Contractor: Rexco Construction Services, Inc.
 - Grant Administrator: GrantWorks
 - Engineer: G&W Engineering
 - Engineer Estimate: \$127,504
 - Award Amount: \$177,827.00

- Change Orders:
 - 1)
- Actual Construction Amount: \$177,827.00
- Original Construction Time: 145 Days
- Current Construction Time: 145 Days
- Contract Start Date: November 4, 2016
- Contract End Date: March 28, 2017
- Actual Start Date: November 7, 2016
- Actual End Date: March 8, 2017
- Percent Complete: 100%
- 2016 TCF McCrosky Rd Improvements - SMBG
 - Budget: \$381,150.00
 - Scope: Improvements to McCrosky Rd to support SMBG development
 - Bid Advertising: January 11th & January 18th
 - Bid Opening: January 31, 2017
 - Award Bid: February 9, 2017
 - Pre-Construction Meeting: February 21, 2017
 - Contractor: Lester Construction
 - Grant Administrator: GrantWorks
 - Engineer: G&W Engineering
 - Engineer Estimate: \$381,150.00
 - Award Amount: \$406,154.25
 - Change Orders:
 - 1) +\$861.00 (0 Calendar Days)
 - Actual Construction Amount: \$407,015.25
 - Original Construction Time: 105 Days
 - Current Construction Time: 105 Days
 - Contract Start Date: February 24, 2017
 - Contract End Date: June 9, 2017
 - Actual Start Date: March 7, 2017
 - Target End Date: May 31, 2017
 - Percent Complete: 60%
- 2015/2016 FEMA Hazard Mitigation Grant Program Backup Generators
 - Scope: Install backup generators at critical City facilities
 - Grant Administrator: GrantWorks
 - Engineer: Garver
 - Total Federal Contribution: \$446,438.25
 - Total City Match: \$148,812.75
 - Status: City should receive award letter in Summer-2017; Construction will not begin until after Oct-2017
 - 1. City Hall: \$162,982.00
 - Grant Funds: \$122,236.50
 - City Match: \$40,745.50
 - 2. Fire Department: \$62,984.00
 - Grant Funds: \$47,238.00
 - City Match: \$15,746.00
 - 3. Municipal Services Building: \$158,303.00
 - Grant Funds: \$118,727.25
 - City Match: \$39,575.75
 - 4. Civil Center: \$210,982.00
 - Grant Funds: \$158,236.50
 - City Match: \$52,745.50
 - 5. 2 Each Portable Generators: \$160,347.92
 - Grant Funds: \$120,260.94
 - City Match: \$40,086.98
- 2016 FEMA Hazard Mitigation Grant Program Backup Generators

- Scope: Install backup generators at critical City facilities
- Grant Administrator: GrantWorks
- Engineer: Garver
- Total Federal Contribution: \$1,217,625.00
- Total City Match: \$405,875.00
- Status: City should receive award letter in Spring-2018
- 1. Bay City Regional Airport: \$287,500.00
 - Grant Funds: \$215,625.00
 - City Match: \$71,875.00
- 2. Wastewater Treatment Plant: \$980,000.00
 - Grant Funds: \$735,000.00
 - City Match: \$245,000.00
- 3. Ave B/4th St Water Plant: \$236,000.00
 - Grant Funds: \$177,000.00
 - City Match: \$59,000.00
- 4. Ave I Sewer Lift Station: \$120,000.00
 - Grant Funds: \$90,000.00
 - City Match: \$30,000.00
- 2017 TCF Infrastructure Improvements – McCoy's Building Supply
 - Location: SH35 E, behind Chili's
 - Scope: Extend street, water, sewer
 - Admin & Engineering Awarded by City Council on May 11, 2017
 - Grant Administrator: GrantWorks
 - Engineer: Eckermann Engineering, Inc.
 - Application Submittal Date: June 20, 2017
 - Grant Budget: \$425,000
 - Construction: \$390,000
 - Administration: \$35,000
 - Engineering: Paid by McCoy's
 - Estimated Construction Cost: \$463,160
 - Target Construction Start: September-2017

Siemens Energy Saving Project

- Water Meters:
 - Non-Read List
 - February 2017: 455
 - March 2017: 503
 - April 2017: 574
 - MIU (Meter Interface Unit) Registers Failed
 - February 2017: 48
 - March 2017: 71
 - April 2017: 64
 - MIU's Replaced
 - February 2017: 22
 - March 2017: 8
 - April 2017: 66

Fiscal Year 2016-2017 Capital Improvement Projects: (Funding Source: FY16-17 CIP)

- Fire Hydrant & Valve Rehabilitation Program
 - Budget: \$50,000
 - Scope: Replace faulty, none working, or leaking fire hydrants
- Water Lines Replacement Program
 - Budget: \$150,000
 - Scope: Replace various aging water lines

- Sewer Lines Rehabilitation Program
 - Budget: \$300,000
 - Scope: Rehab various aging sewer lines
- Sewer Lift Station Rehabilitation Program
 - Budget: \$75,000
 - Scope: Rehab 26 lift stations
- Manhole Rehabilitation Program
 - Budget: \$60,000
 - Scope: Reseal manholes to resolve InI issues
- Sewer Plant Rehabilitation Project
 - Budget: \$365,000
 - Scope: Engineering for rehab work at sewer plant

Fiscal Year 2016-2017 Capital Improvement Projects: (Funding Source: 2016 CO)

- Grace Water Plant Improvements
 - Budget: \$815,000
 - Scope: Major rehabilitation to water plant components including booster pumps, controls, & electrical
- 12" Water Line Extension – SH60 North
 - Budget: \$308,000
 - Scope: Add 1,000 LF of 12" water line to improve pressure on North side of town
- Northwest Quadrant Water Lines Replacement Project
 - Budget: \$377,000
 - Scope: Rehab various aging sewer lines
- Sewer Line Rehabilitation Project – Various Streets
 - Budget: \$442,000
 - Scope: Rehab various sewer lines under streets before repaving

Miscellaneous Projects:

- TxDOT Transportation Improvement Plan Projects for 2017:
 - SH60/Grace St Intersection - Improve Traffic Signal: Tentative Construction Start, June-2017
 - SH60/Baywood St Intersection - Improve Traffic Signal: Tentative Construction Start, June-2017
- Annexation Requests:
 -
- Street Name Change Request:
 -
- 911 Addressing
 -
- WWTP:
 - Siemens Blower, currently offline & awaiting a new impeller
 - Headworks System, step screen is down & working on a replacement

New Developments:

- Shell (CitiCo) Gas Station Expansion (Lynn Construction) – Phase 1 – 100% complete; Phase 2 – 5% complete; Ph1 Construction end date: Sep-2016; Ph2 Construction start date: Nov-2016; Began demolishing old building on 5/17/17
- Fairfield Inn (G2 Builders) – 90% complete; Completion: July-2017
- Best Western Plus – 85% complete; SH35 next to Fairfield Inn; Completion: Apr-2017
- Speedy Stop Gas Station – Corner of Nichols & SH35; plat is approved; plans approved; permit expired, need to re-submit; construction start date unknown
- Scottish Inn Motel – 40% complete; Corner of SH35 East & North Dr.; Completion: unknown

- Schulman Movie Bowl Grill – Grand opening is June 2, 2017...woohoo!
- Jackson Electric New Office Building – 85% complete; Corner of Showboat & SH35; Completion: Aug-2017
- North Downtown Development – Construction begun; one house completed
- King Buffet – 30% complete; SH35 (across the street from Palais Royals); Completion: October-2017
- Baytex Hotel Building – 60% complete; Completion date unknown
- Chicken Express – 75% complete; SH35 (across the street from McDonald); Completion: June-2017
- Bush Chicken – SH35 (at Katy Rd); not coming to Bay City after all...
- Tunnel Carwash – 80% complete; Completion: June-2017
- Raystone Apartments – Ave K & 2nd St; plat approved; plans approved; construction planned to begin July-2017
- SH35 Truck Stop – Plans submitted for review; plat not submitted for approval yet; construction planned to begin Fall-2017
- Chevron Convenient Store – Corner of SH60 South & Horn Rd
- Marguerite Meadows Subdivision – Land plan submitted;

New Building Permits:

- Residential
 - February 2017: 6
 - 3206 Birkhill Ct
 - 3311 Aberdeen Ct
 - 3204 Birkhill Ct
 - 3205 Birkhill Ct
 - 1004 Ave D
 - 1700 Ave A
 - March 2017: 1
 - 314 Regina
 - April 2017: 1
 - 1200 Adams Rd (1,250 SF Addition)
- Commercial:
 - February 2017: 0
 - March 2017: 0
 - April 2017: 1
 - Dental Office, 2300 7th St, Ste E

Building Inspections:

- February 2017: 224
- March 2017: 195
- April 2017: 180

Work Orders:

- Street & Bridge
 - February 2017:
 - Open: 284
 - New: 27
 - Closed: 66
 - March 2017:
 - Open: 129
 - New: 110
 - Closed: 268
 - April 2017:

- Open: 96
 - New: 137
 - Closed: 56
- Utility (Water & Sewer)
 - February 2017:
 - Open: 92
 - New: 129
 - Closed: 36
 - March 2017:
 - Open: 60
 - New: 167
 - Closed: 101
 - April 2017:
 - Open: 44
 - New: 124
 - Closed: 79