

# Subsurface Drainage Program

- Received 529 requests.
- Provided 480 preliminary engineering documents.
- Issued 164 construction permits.
- 145 projects constructed.

# Montz Master Drainage Plan

- 8 projects identified
- Working with KCS to initiate Jack and Bores at Parish Line Canal
- Initial meeting with St John complete with conceptual agreement to move forward with KCS trestle utilization
- Project 1 box culvert installation to start

# Evangeline Road Box Culverts

- 5 X 10 box culvert installation at Evangeline / US 61 received
- In house engineering completed
- Scheduled installation within 60 days

# Montz Levee Bike Path

- Aug 8<sup>th</sup> Initial inquiry to identify remobilization
  - 226 days of above River Level work stoppage
  - Monthly project review reports
  - Contractor asking for 60 day mobilization

# Norco Drainage Study

- Preliminary design work completed
- Engineering design work awaiting Council approval.

# Engineers Canal Pump Station Improvements

- Contractor is scheduled to mobilize in mid-September.
- Critical path is the new pump delivery
- Prep work by Parish is completed for generator pad

# Engineer's Canal Bank Stabilization

- Preliminary design submitted and engineering feedback is underway
- Design Engineering is on-going.
- Phase I work approx. 1<sup>st</sup> quarter 2020

# Fifth Street Drainage Improvements

- State Capital outlay funding approved
- Submitted grant application for this project.
- Began engineering work.



# Dunleith Bank Stabilization – Phase 7

Project is complete with the exception of final paperwork and payment.

# Dunleith Bank Stabilization – Phase 8

- Final Phase Bid Opening tomorrow.
- Removed Linwood Crossing due to drainage concerns

# Ormond Oaks Ditch Lining

- Engineer proposals to install three different forward plans
  - Subsurface
  - Concrete lining
  - Concrete channels
- Public works doing follow up work to give feedback for forward plan

# Destrehan P.S. No. 1 Discharge Piping

- Engineering design completed
- Awaiting proposal from BLD due to the change in Public Bid limitations. We believe the installation is less than the new \$250K limitation

# Hydraulic Bottleneck at Destrehan No. 2 PS

- Conceptual engineering completed
- Began design engineering.
- Permitting underway

# Destrehan Pump Station No. 2 – Conveyance Design

- Conceptual Engineering completed
- Began Design Engineering
- Permitting underway

## Hill Heights/Ormond Nursing Home Drainage

- Conceptual in house design completed
- Meetings with Ormond Nursing home completed with concept agreement
- Meeting with Hill Heights with concept agreement
- Awaiting survey for proposed servitudes.
- Next step is appraisals

# New Sarpy Pump Station – Additional Pump

- Pump bidding is completed
- Surveying work has began.
- Submitted permit applications.
- Initial feedback has be positive



# Schexnaydre Pump Station – Additional Pump

- Engineering Design has began
- Surveying began.
- Submitted permit application.

# Ormond Center Project

- Preliminary engineering completed
- Develop plan internally to clean culverts for inspection.
- Forward plan to line in place or change

# Ormond Lakes – Ponds Dredging

- Work is continuing.
- On-site progress meetings continuing

# Ormond Drainage Study

- Initial modeling completed
- Met with engineer to review computer modeling and provide updates as well as identify historical problem areas.
- Meeting included resident engineer

# Ed Reed Project

- Finalizing Agreement with Foundation.
- Waiting for Foundation to raise funds and begin their parts of the project.
- Public Works has the engineering review lead
- Road design

# Oak Street Pump Station Improvements

- Temp Hydraulic pump installed
- Installation is completed
- Entergy Electrical issue is being resolved.
- Close to startup.

# Oakland and Fairfield Pumps and Discharge Pipes

- Received preliminary plans for four casings.
- Engineer is applying for permits and approvals.
- Received geotechnical proposal.
- Design is continuing

# Turtle Pond Pump Station

- Pump station requiring redesign with redundant pump installation
- Awaiting Council approval of proposal to perform conceptual plan.



# Airline Highway Drainage Project

- Awaiting Council approval on final servitude agreement. On tonight's agenda
- Five crossings to increase drainage conveyance by approx. 50%
- DOTD project to start fourth quarter 2019
- Approx. 80% funded by NORPC

# AMA PS

- Preliminary design completed
- Design work awaiting feedback from Parish engineer

# AMA Perimeter Canal System

- Alice street cleaning to AMA PS completed
- Diversion East guide levee to AMA PS underway
  - Tree and underbrush clearing completed
  - Devegation to start within 30 days

# Westbank Enclosed Levee System

- Westbank Levee closed due to emergency work pre Hurricane Barry
- Paradis Canal closed to 7.5ft awaiting the Paradis Gated Structure bidding approx. Oct

# Mimosa Pump Station and Culverts Project

- Parish removed and installed 800 ft of new 48” piping
- An additional 800ft of piping installed to complete the project

# Highway 52 Project

- Waiting on surveyor to finish Phase 1.
- Subsurface drainage in final design for Phase 3 in conjunction with Bayer Linear Park
- Delayed due to Bayer Project construction schedule

# Highway 90 Sinkholes

- Started construction today.
- Considering change order to include additional sinkhole

# Des Allemands Bulkhead - Preliminary Design

- Conducted progress meeting.
- Awaiting draft report.



# Electrical Building

Received 90-percent plans. Awaiting 90-percent specs.

# West Bank Yard Building

- Conceptual Design completed
- Location identified
- Developing plan internally for building layout.

# 2019 Road Maintenance

- 2019 Road Maintenance construction has been bid and is scheduled to start within 60 days
- Evangeline Road is the start road

# Lakewood Blvd Rehab

- Preliminary Engineering completed
- Design submitted to NORPC for funding
- Project cost is \$5.6M
  - Federal Funding for 2022 slated at approx. \$4.2M

# Willowdale HWY90 Turnlane

- Preliminary design completed
- Submitted to NORPC for funding
- Funding slated for 2021

# Dog Park and Road Extension

- Conceptual engineering completed
- Design engineering ongoing
- Met with DOTD at site for Joint Use Agreement for this road extension and dog park.
- Awaiting DOTD's comments or approval.
- Meeting for additional servitude from Ashton Plantation developer completed

# Site Specific Weather Stations

- Site specific weather stations to pinpoint rainfall and identify conveyance in realtime as well as other weather data.
- Weather stations to be installed in areas where we do not have pump stations
- Installation in canals with level indication to better understand conveyance

# Norco Montz Spillway Road

- In House estimate approx. \$396K
- Above internal Public Bid limitations
- Additional costs and timing to engineer and place for public bid