GRP PROGRAM CONSTRUCTION PROGRESS

GRP Review Committee Meeting
May 19, 2014

SJRA Board of Directors Meeting
May 22, 2014
<table>
<thead>
<tr>
<th>Project Data Thru 4/30/2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contracted Amount: $190,704,740.00</td>
</tr>
<tr>
<td>Change Orders: $ 0.00</td>
</tr>
<tr>
<td>Estimate to Complete: $190,704,740.00</td>
</tr>
<tr>
<td>Amount Invoiced: $108,984,444.00</td>
</tr>
<tr>
<td>Percent Complete: 57%</td>
</tr>
<tr>
<td>Completion Date: June 2015</td>
</tr>
</tbody>
</table>
SURFACE WATER FACILITY
CONSTRUCTION ADMINISTRATION

Project Data Thru 4/30/2014

• Plant startup and commissioning plan development is underway

• Major plant equipment deliveries has begun

• Plant construction daily workforce is approximately 315 workers
Raw Water Intake & Pump Station - Previous progress photograph
Raw Water Intake & Pump Station – Pump barrel installation
Pretreatment Facility – Previous progress photograph
Pretreatment Facility – Preparation of equipment installation
Membrane Building – Previous progress photograph
Membrane Building – Installation of membrane equipment racks and piping
Granulated Activated Carbon Contactors – Previous progress photograph
Granulated Activated Carbon Contactors – Pipe gallery installation
High Service Pump Station – Installation of mechanical louvers
Blower Building – Previous progress photograph
Blower Building – Cleaning and preparation for blower equipment installation
Dewatering Building – Previous progress photograph
Dewatering Building – Masonry installation
Backwash Equalization Basin – Previous progress photograph
Backwash Equalization Basin– Pump Station masonry installation
Operations
Building
Operational Structures
Electrical Facilities
Operations Building – Mechanical and plumbing installation
Operations Building – Roof framing and masonry installation
Electrical Facilities – Diesel fuel reservoirs
SURFACE WATER FACILITY
CONSTRUCTION PROGRESS

Questions?
SURFACE WATER TRANSMISSION SYSTEM CONSTRUCTION PROGRESS
### TRANSMISSION LINE SYSTEM
CONSTRUCTION ADMINISTRATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Data Thru 4/30/2014</td>
<td></td>
</tr>
<tr>
<td>Original Contract Amount:</td>
<td>$ 146,610,000.60</td>
</tr>
<tr>
<td>Change Orders:</td>
<td>$ 2,054,447.62</td>
</tr>
<tr>
<td>Total Contract Amount:</td>
<td>$148,665,448.22</td>
</tr>
<tr>
<td>Amount Invoiced:</td>
<td>$ 78,231,195.02</td>
</tr>
<tr>
<td>Percent Complete:</td>
<td>53%</td>
</tr>
<tr>
<td>Estimated Completion Date:</td>
<td>May 2015</td>
</tr>
</tbody>
</table>
TRANSMISSION LINE SYSTEM
CONSTRUCTION ADMINISTRATION

Project Data Thru 4/30/2014

Average Daily workforce: 337 workers
Piping installed to date: 29.3 miles
Average cost per day: $260,000
Percentage of pipe installed: 57%
SURFACE WATER TRANSMISSION SYSTEM "T"
ROUTES - PROJECT DATA

<table>
<thead>
<tr>
<th>Route</th>
<th>Contract Amount</th>
<th>Invoiced to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>$14.5</td>
<td>$12.7</td>
</tr>
<tr>
<td>T2</td>
<td>$13.5</td>
<td>$10.8</td>
</tr>
<tr>
<td>T3</td>
<td>$10.9</td>
<td>$4.9</td>
</tr>
</tbody>
</table>
20,345 LF of Pipe Installed
99% Pipe Installed
Asphalt pavement repairs along McCaleb Road
54-inch pipe installation at FM 2854
9,607 LF of Pipe Installed
52% Pipe Installed
54-inch pipe installation along Sendera Ranch Road
SURFACE WATER TRANSMISSION SYSTEM "W" ROUTES - PROJECT DATA

<table>
<thead>
<tr>
<th></th>
<th>Contract Amount</th>
<th>Invoiced to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1A</td>
<td>$8.2</td>
<td>$5.81</td>
</tr>
<tr>
<td>W1B</td>
<td>$7.2</td>
<td>$6.14</td>
</tr>
<tr>
<td>W2A</td>
<td>$16.3</td>
<td>$8.37</td>
</tr>
<tr>
<td>W2B</td>
<td>$16.2</td>
<td>$10.68</td>
</tr>
<tr>
<td>W3A</td>
<td>$7.9</td>
<td>$0.03</td>
</tr>
<tr>
<td>W3B</td>
<td>$8.1</td>
<td>$1.14</td>
</tr>
<tr>
<td>W4</td>
<td>$3.7</td>
<td>$2.76</td>
</tr>
</tbody>
</table>
19,840 LF of Pipe Installed
86% Pipe Installed
12-inch water line relocation at the intersection of Branch Crossing and Research Forest
14,603 LF of Pipe Installed
85% Pipe Installed
42-inch pipe installation along Research Forest Drive
9,586 LF of Pipe Installed
47% Pipe Installed
42-inch pipe installation along Research Forest Drive
Photo Location

Transmission Line Segment W2B

12,546 LF of Pipe Installed
89% Pipe Installed
30-Inch aerial pipe installation on Grogan’s Mill at bridge crossing
684 LF of Pipe Installed
3% Pipe Installed
Pipe installation along Montgomery County Drainage District right-of-way
12,474 LF of Pipe Installed
95% Pipe Installed
24-inch pipe and fiber optic conduit installation on Gosling
SURFACE WATER TRANSMISSION SYSTEM "C" ROUTES - PROJECT DATA

- C1A: $3.8 Contract Amount, $1.6 Invoiced to Date
- C1B: $0.7 Contract Amount, $0.5 Invoiced to Date
- C2: $9.0 Contract Amount, $4.6 Invoiced to Date
- C3: $5.0 Contract Amount, $2.3 Invoiced to Date
- C4: $5.1 Contract Amount, $1.3 Invoiced to Date
2,168 LF of Pipe Installed
21% Pipe Installed
Tunnel installation at the Longmire Road
Hydrostatic Test, Disinfection and Flushing Complete.
Ground box and fiber optic conduit installation
Butterfly valve installation along Entergy easement
Photo Location

8,739 LF of Pipe Installed
39% Pipe Installed
Valve access manhole installation along Pollock Road
Transmission Line Segment C4

Photo Location

4,081 LF of Pipe Installed
29% Pipe Installed
24-inch pipe and restrained joint installation along FM 830
SURFACE WATER RECEIVING FACILITIES CONSTRUCTION PROGRESS
SURFACE WATER TRANSMISSION SYSTEM RECEIVING FACILITIES - PROJECT DATA

- **SWRF-NORTH**
  - Contract Amount: $6.2
  - Invoiced to Date: $1.7

- **SWRF-SOUTH**
  - Contract Amount: $7.1
  - Invoiced to Date: $2.7
Valve access manhole installation at Conroe Water Plant No. 20
20-inch ground storage tank connection at SJRA Water Plant No. 4
SURFACE WATER STANDPIPE CONSTRUCTION PROGRESS
SURFACE WATER TRANSMISSION SYSTEM
STANDPIPE - PROJECT DATA

Millions ($)

<table>
<thead>
<tr>
<th>STANDPIPE</th>
<th>Contract Amount</th>
<th>Invoiced to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDPIPE</td>
<td>$2.4</td>
<td>$0.1</td>
</tr>
</tbody>
</table>
Equipment mobilization and delivery of construction materials
## Project Data Thru 4/30/2014

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contracted Amount:</td>
<td>$ 2,885,432.35</td>
</tr>
<tr>
<td>Change Orders:</td>
<td>$ 0.00</td>
</tr>
<tr>
<td>Estimate to Complete:</td>
<td>$ 2,885,432.35</td>
</tr>
<tr>
<td>Amount Invoiced:</td>
<td>$ 0.00</td>
</tr>
<tr>
<td>Percent Complete:</td>
<td>0%</td>
</tr>
<tr>
<td>Completion Date:</td>
<td>June 2015</td>
</tr>
</tbody>
</table>
SURFACE WATER TRANSMISSION
SYSTEM CONSTRUCTION PROGRESS

QUESTIONS?