May 22, 2019

To: Bob Blodgett, CLA, ARTA
From: Todd A. Johnson, P.E., AACMD Program Manager

RE: AACMD May Status & Planning Window Report to ARTA

Dear Bob,

AACMD as part of its mutual coordination with ARTA is providing a status report for activities and costs to date related to the approved ARTA projects.

**Project Status:**

- **Overall:**
  - Main Street Phases 2, 42nd Phase 1, Aura Boulevard Phase 1, Earthwork and Erosion Control Phases are continuing.
  - Sanitary Sewer borings under gas and mainline construction are progressing.
  - Project monumentation steel topping off occurred May 17, 2019.
- **The Aurora Highlands Parkway:** Design of horizontal, vertical and intersection geometry is occurring along with utility design. Documents are approximately 90% complete. Design is projected to further progress over the next 30 days.
- **26th Avenue:** Design of horizontal, vertical and intersection geometry is occurring along with utility design. Documents are approximately 99% complete. Additional drainage work has been requested by the City and will be incorporated into the plans. Final plan approval is projected in the next 15 days.
- **E470 Interim Connection (right in/out):** Design of horizontal, vertical and intersection geometry is occurring along with utility design. Documents are approximately 100% complete and is being bid. Construction is projected to start end of May early June.
- **E470 Full Interchange:** AACMD has been working with E470 on ramp and frontage roads and this element is projected to be fully vetted in the next 30-45 days for the interchange to move forward. Documents are approximately 15% complete. Design is projected to further progress over the next 30 days.
- **I-70 Interchange:** CDOT 1601 process is further progressing. Preliminary analysis and design are being performed and are projected to further progress over the next 30 days.
• **Powhaton Interim Connection**: CDOT 1601 process is further progressing. Preliminary analysis and design are being performed and are projected to further progress over the next 30 days.

• **38th Avenue**: Design of horizontal, vertical and intersection geometry is occurring along with utility design. Documents are approximately 75% complete. Design is projected to further progress over the next 30 days.

### ARTA Costs to Date:
The District has approved, ratified and allocated funds for potential ARTA obligations as follows:

<table>
<thead>
<tr>
<th>Time Project</th>
<th>Total Project Cost</th>
<th>ARTA Share (2018-2019)</th>
<th>September-April (Spent to Date)</th>
<th>May (Spent to Date)</th>
<th>ARTA Share Total (Spent to Date)</th>
<th>AACMD All Projects (Spent to Date)</th>
<th>AACMD Shared ARTA Projects (Spent to Date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Aurora Highlands Parkway</td>
<td>$37,194,240</td>
<td>$6,614,784</td>
<td>$220,415.15</td>
<td>$33,737.36</td>
<td>$254,152.50</td>
<td>$204,923.92</td>
<td></td>
</tr>
<tr>
<td>26th Avenue</td>
<td>$27,371,520</td>
<td>$1,123,584</td>
<td>$43,541.32</td>
<td>$671.30</td>
<td>$44,212.62</td>
<td>$36,019.00</td>
<td></td>
</tr>
<tr>
<td>E470 Interim Connection</td>
<td>$2,400,000</td>
<td>$2,400,000</td>
<td>$202,443.88</td>
<td>$60,927.78</td>
<td>$263,371.66</td>
<td>$-</td>
<td></td>
</tr>
<tr>
<td>E470 Full Interchange</td>
<td>$21,600,000</td>
<td>$318,863.74</td>
<td>$26,111.91</td>
<td>$344,975.65</td>
<td>$-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>I-70 Full Interchange</td>
<td>$36,000,000</td>
<td>$2,880,000</td>
<td>$279,595.91</td>
<td>$38,324.80</td>
<td>$317,920.72</td>
<td>$-</td>
<td></td>
</tr>
<tr>
<td>Powhaton Interim Connection</td>
<td>$6,080,000</td>
<td>$608,000</td>
<td>$127,756.35</td>
<td>$16,424.92</td>
<td>$144,181.27</td>
<td>$-</td>
<td></td>
</tr>
<tr>
<td>38th Avenue</td>
<td>$22,971,200</td>
<td>$1,493,128</td>
<td>$27,277.00</td>
<td>$114,718.07</td>
<td>$141,995.07</td>
<td>$-</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$153,616,960</strong></td>
<td><strong>$15,119,496</strong></td>
<td><strong>$1,219,893.35</strong></td>
<td><strong>$290,916.14</strong></td>
<td><strong>$1,510,809.49</strong></td>
<td><strong>$7,831,302.44</strong></td>
<td><strong>$240,942.92</strong></td>
</tr>
</tbody>
</table>

AACMD will request reimbursement of these costs per our mutual agreement in the near future.

AACMD will be holding a meeting on June 20th to ratify any outstanding costs incurred from its last meeting to date and will report those on our next report.

### ARTA - Future Projections:
ARTA total projects (2018$)=**$174,951,008MM. Approximate percent complete=1%**

AACMD is projecting the following potential ARTA costs for the time periods referenced:

<table>
<thead>
<tr>
<th>Time Project</th>
<th>Total Project Cost</th>
<th>ARTA Share</th>
<th>6 Months</th>
<th>12 Months</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Aurora Highlands Parkway</td>
<td>$37,194,240</td>
<td>$6,614,784</td>
<td>$2,500,000</td>
<td>$4,069,278</td>
<td>$6,614,784</td>
</tr>
<tr>
<td>26th Avenue</td>
<td>$27,371,520</td>
<td>$1,123,584</td>
<td>$750,000</td>
<td>$361,427</td>
<td>$1,123,584</td>
</tr>
<tr>
<td>E470 Interim Connection</td>
<td>$2,400,000</td>
<td>$2,400,000</td>
<td>$450,000</td>
<td>$1,085,219</td>
<td>$2,400,000</td>
</tr>
<tr>
<td>E470 Full Interchange</td>
<td>$21,600,000</td>
<td>$318,863.74</td>
<td>$600,000</td>
<td>$-</td>
<td>$344,975.65</td>
</tr>
<tr>
<td>I-70 Full Interchange</td>
<td>$36,000,000</td>
<td>$2,880,000</td>
<td>$600,000</td>
<td>$2,162,140</td>
<td>$2,880,000</td>
</tr>
<tr>
<td>Powhaton Interim Connection</td>
<td>$6,080,000</td>
<td>$608,000</td>
<td>$600,000</td>
<td>$299,631</td>
<td>$608,000</td>
</tr>
<tr>
<td>38th Avenue</td>
<td>$22,971,200</td>
<td>$1,493,128</td>
<td>$400,000</td>
<td>$1,022,605</td>
<td>$1,493,128</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$153,616,960</strong></td>
<td><strong>$15,119,496</strong></td>
<td><strong>$5,575,000</strong></td>
<td><strong>$9,000,299</strong></td>
<td><strong>$15,119,496</strong></td>
</tr>
</tbody>
</table>
Forward Planning (18-Month Look Ahead):
The following outlines the projected project status for the next 18-months.
• See attached schedule for detail.

Notice of Initiation of Future Phases (4-Month Notice):
The following projects are within the four-month notice:
• The following projects have been previously noticed for design and/or construction:
  o D – 38th Avenue (North Side)
  o E – 38th Avenue (South Side)
  o F – TAH Parkway (E470-Main Street)
  o G – TAH Parkway (Main Street-Aura)
  o H – TAH Parkway (Aura-Powhaton)
  o I – 26th Avenue (E470-Main Street)
  o O – E470 Interchange
  o P – I 70 Interchange
  o Q – I 70 Interchange Interim/Powhaton Interim Connection

AACMD Status and Costs (Approximate Costs):
• ~$11.5MM in design contracts;
• Incurred approximately $7.8MM in design and construction;
• Issued NOA of +$6MM at May meeting, with NTP to being shortly.
• Projected NOA’s over next 90 days of $5-10MM depending on approvals, see list below.
• The following projects (not ARTA associated) are in design:
  o See Attached Map
  o Infrastructure Site Plans/Landscaping
  o Main Street (26th-42nd)
  o Aura Boulevard (Pkwy-48th)
  o 42nd Avenue (Main St-N/S Collector)
  o N/S Collector (42nd-Pkway)
  o Tributary T (E470-N/S Collector)
  o 38th Avenue (Powhaton-Monaghan) (Pipeline Corridor)
  o 38th Avenue (NS Collector-Powhaton) (Xcel Corridor only)
  o 38th Place (Main to Aura)
  o Recreational Center
  o School/Park Site
• The following projects are being constructed:
  o Site Demolition
  o Main Street Phases 1&2 - Grading
  o 42nd Avenue Phase 1 - Grading
  o Aura Boulevard Phases 1&2 - Grading
  o Sanitary Sewer Outfall
  o 42nd Avenue Phase 2 – Grading
  o NS Collector - Grading
• The following projects are anticipated to go to construction in next 30 days:
  o Main Street Phase 2 – Utilities
  o 42nd Avenue Phase 1 – Utilities
  o Aura Boulevard Phase 1 - Utilities
  o Section 21 Oil/Gas Pads – Grading
  o 38th Place (E470-Main) – Grading/Paving
  o 38th Place (Main-Aura) – Grading/Paving
  o Interim Water Connection (E470-Main)
• The following projects are anticipated to go to construction in next 90 days:
  o Main Street Phase 2 – Paving
  o 42nd Avenue Phase 1 – Paving
  o Aura Boulevard Phase 1 - Paving
  o TAH Parkway – Grading and Structures
  o 38th Avenue (NS Collector-Powhaton) – Grading
  o 42nd Avenue Phase 2 (Aura Blvd-N/S Collector) - Utilities
  o N/S Collector (42nd-Pkway) - Utilities
  o Tributary T (E470-N/S Collector) – Grading and Structures
• The following projects have been completed:
  o Main Street Phases 1 - Grading
  o Aura Boulevard Phases 2 - Grading

**Consultants Currently Under Contract and Working on ARTA Projects:**
Program Management/Assistance: Terra Forma Solutions and Summit Strategies
Civil/Traffic Engineering: HR Green, FHU, BLN and Merrick
Environmental: ERC and SRM
Surveying: Aztec  
Geotechnical: CTL  
Construction Assistance: Contour  
Landscaping: Norris Design

Please feel free to contact me at 303-257-7653 or todd@terraformas.com with any questions or additional information you may need.

Respectfully,

[Signature]

Todd A. Johnson, P.E.  
AACMD Program Manager  
For and on behalf of:  
Terra Forma Solutions, Inc and AACMD