Introductions

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Design Engineer
Agenda

- Project Area
- Council Decisions
- Proposed Improvements – Design Considerations
- Schedule & Next Steps
- Project Communication
- Estimated Costs and Assessments
- 2D Project Review and Design Questions
- Questions

Project Location

2020 Street and Utility Improvement Project
City of Houston

Figure 1 - Project Location
October 2020
Council Decisions

- Design Direction Provided by the City Council
  - Street width – 40-ft (face of curb to face of curb)
  - Bump-outs will not be included on the east side of the Maple Street intersection
  - Sidewalk will be included along the Park
  - Sidewalk will not be installed along the west side of Lincoln in the 300 block
  - Assessment Rates will follow the 20% option instead of the city policy

Proposed Conditions

Streets

- 40-ft wide matching the existing width
- Asphalt surfacing, concrete curb and gutter, concrete driveway aprons
- 5-ft concrete sidewalk, ADA pedestrian ramps
Proposed Conditions
Storm Sewer

- New 8-inch to 18-inch pipe
- Additional inlets at intersections
- Larger inlet grates
- Shallow depth will remain
- 6-inch perforated subdrain with sump pump service stubs

Proposed Conditions
Storm Sewer Sump Drain Connection
**Proposed Conditions**

**Sanitary Sewer & Services**

- 8” Diameter PVC Pipe
- Concrete Manholes
- 4” Services to Property Line
- Watertight System
- Shallow depth will remain
- Insulation provided for pipe and services with less than 7-ft of cover

**Proposed Conditions**

**Watermain & Services**

- 8” Diameter PVC
- 1” Copper Services to Property Line (w/ Curb Stop located in the boulevard)
- New Hydrants
- New Valves
Other Utilities

We’ve met with the local vendors who supply:
• Communications (internet, phone cable)
• Natural Gas
• Electric

Our design is being coordinated with these systems. In fact, MiEnergy plans to relocate three power poles in the coming weeks to accommodate the project.

Turf Establishment

• Top Soil
• Fertilizer & Seed
• Hydromulch
• 70% Growth

• The City is requesting that residents supplement watering of the newly seeded areas. We will provide watering instructions.
Tentative Project Schedule Summary

<table>
<thead>
<tr>
<th>Tentative Project Schedule</th>
<th>Status</th>
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<tbody>
<tr>
<td>Resolution Ordering Preparation of the Preliminary Engineering Report (PER)</td>
<td>Complete</td>
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<tr>
<td>Prepare Feasibility Report</td>
<td>Complete</td>
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<tr>
<td>Resolution Receipt &amp; Notice of Hearing on Improvement</td>
<td>Complete</td>
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<tr>
<td>Published Notice of Hearing on Improvement</td>
<td>Complete</td>
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<tr>
<td>Mailed Notice of Hearing on Improvement</td>
<td>Complete</td>
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<tr>
<td>Neighborhood Informational Meeting #1</td>
<td>Complete</td>
</tr>
<tr>
<td>Neighborhood Informational Meeting #2</td>
<td>Complete</td>
</tr>
<tr>
<td>Neighborhood Informational Meeting #3</td>
<td>Complete</td>
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<tr>
<td>Resolution Ordering Improvement and Preparation of Plans</td>
<td>Complete</td>
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<tr>
<td>&amp; Specifications</td>
<td>In Progress</td>
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</tbody>
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| Neighborhood Informational Meeting #4                           | 1/29/2020   |
| Resolution Approving Plans and Specifications and Ordering     | 2/14/2020   |
| Advertisement for Bids                                         | 2/13/2020   |
| Open Bids                                                      | 3/5/2020    |
| Resolution Declaring Cost to be Assessed and Ordering          | 3/9/2020    |
| Preparation of Proposed Assessment                             | 3/9/2020    |
| Publication Notice of Hearing on Proposed Assessment            | 3/10/2020   |
| Mailed Notice of Hearing on Proposed Assessment                 | 3/10/2020   |
| Neighborhood Informational Meeting #5                           | 4/9/2020    |
| Assessment Hearing                                             | 4/13/2020   |
| Resolution Approving Assessment                                 | 4/13/2020   |
| Resolution Awarding Contract                                   | 4/13/2020   |
| Begin Construction                                             | May 2020    |
| Substantial Completion of Construction                          | September 2020 |
| End Construction                                               | June 2021   |

Construction Communication: Newsletter

2020 Street & Utility Improvement Project

October 22, 2020

Neighborhood Meeting:
Thursday, November 7th at 6pm
Houston City Hall
103 West Maple Street
Houston, TX 77003

Hearing on Improvement:
Tuesday, November 12th at 6pm
Houston City Hall
103 West Maple Street
Houston, TX 77003

Project schedule:
June – Summer 2019
Design – Winter 2020
Construction – Summer 2020

Informative Meeting
A Neighborhood Informational Meeting will be held on Thursday, November 7, 2019, at 6:00 pm at City Hall. Information on project scope, costs, and assessments will be presented at this meeting.

Hearing on Improvement
A hearing on improvement will be held on Tuesday, November 12, 2019 at 6:00 pm at City Hall. Please see the enclosed notice of hearing on improvement for more specific information.

Project Overview
The City of Houston is beginning to plan for the 2020 Street and Utility Improvement Project within the following area (see page 12):
Construction Communication: Project Website

Construction Communication: RPR

• Bolton & Menk will have a Resident Project Representative on site every day construction is taking place.

• Question, Comments or Concerns should be directed to the RPR. Contact information will be provided.

• Limit questions to the contractor, staff isn’t always completely in the loop on what is happening, RPR is.
## Estimated Costs

### Table 2 – Preliminary Cost Estimate

<table>
<thead>
<tr>
<th>Item</th>
<th>Estimated Construction Cost</th>
<th>Estimated Engineering, Administration, and Financing Cost</th>
<th>Total Estimated Project Cost</th>
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<tbody>
<tr>
<td>Assessable Costs</td>
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<tr>
<td>Removals, Street &amp; Surface, Misc.</td>
<td>$547,375.19</td>
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<td>Sidewalks</td>
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<td>Sanitary Sewer Services</td>
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<td>Water Services</td>
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<td>Total Assessable Costs</td>
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<td>Non-Assessable Cost</td>
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<td>Storm Sewer</td>
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<td>Watermain</td>
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<td>Total Estimated Project Costs</td>
<td>$1,076,917.50</td>
<td>$269,300.00</td>
<td>$1,346,217.50</td>
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</table>

## Special Assessments

- **Corner Lots**
  - Long Side – 100% Assessed
  - Short Side – 100% City Cost
  - If short side is improved first, assessment will be based on short side length.
  - If long side is improved first, assessment will be based on long side length. If short side has been previously improved, then a credit for the short side will be applied to the long side assessment.
Before You Leave

• Provide name and contact information on sign-in sheet
• Please provide specific concerns about your property that we need to know
• Do you have a basement? Do you have a sump pump? If so, we would like to talk to you as it relates to our design.

THANK YOU FOR COMING