

TOWN HALL

Update on 2019 Bond Projects

June 30, 2020

CITY OF LEAGUE CITY **MAY** **ELECTION** 2019



PROPOSITION A

21 PROJECTS / \$73 MILLION

FLOOD PROTECTION AND DRAINAGE IMPROVEMENTS



PROPOSITION B

10 PROJECTS / \$72 MILLION

STREETS, ROADWAYS, AND MOBILITY IMPROVEMENTS

Current Status as of June 2020



- 12** currently under design
- 2** design to begin after Jul 23 council approval
- 5** awaiting decision on grant funding
- 2** scheduled for design in 2021-2023



- 2** under construction
- 6** currently under design
- 2** scheduled for design in 2022

Under Construction



MARCH 2020

- Calder Road South Reconstruction Project

FALL 2020

- League City Parkway Lane Improvements at Hobbs Road
(construction contract awarded by Council 6/23)

EARLY 2021

- Grissom Road Reconstruction Project

Currently Under Design

- North Landing Extension
- Highway 3 and FM 518 Intersection Improvement
- New Traffic Signals on League City Parkway



Scheduled for Design in 2022

Council has directed staff to accelerate the timelines for these projects

- New I-45 Frontage Road to Hobbs Road
- Walker Street Extension

Partnership Projects

- Grand Parkway

- Misc. Partnership Projects

League City Parkway and Walker Street Intersection

Highway 3 and SH 96 Intersection

Addition of right turn lane to League City Parkway from Calder to Butler



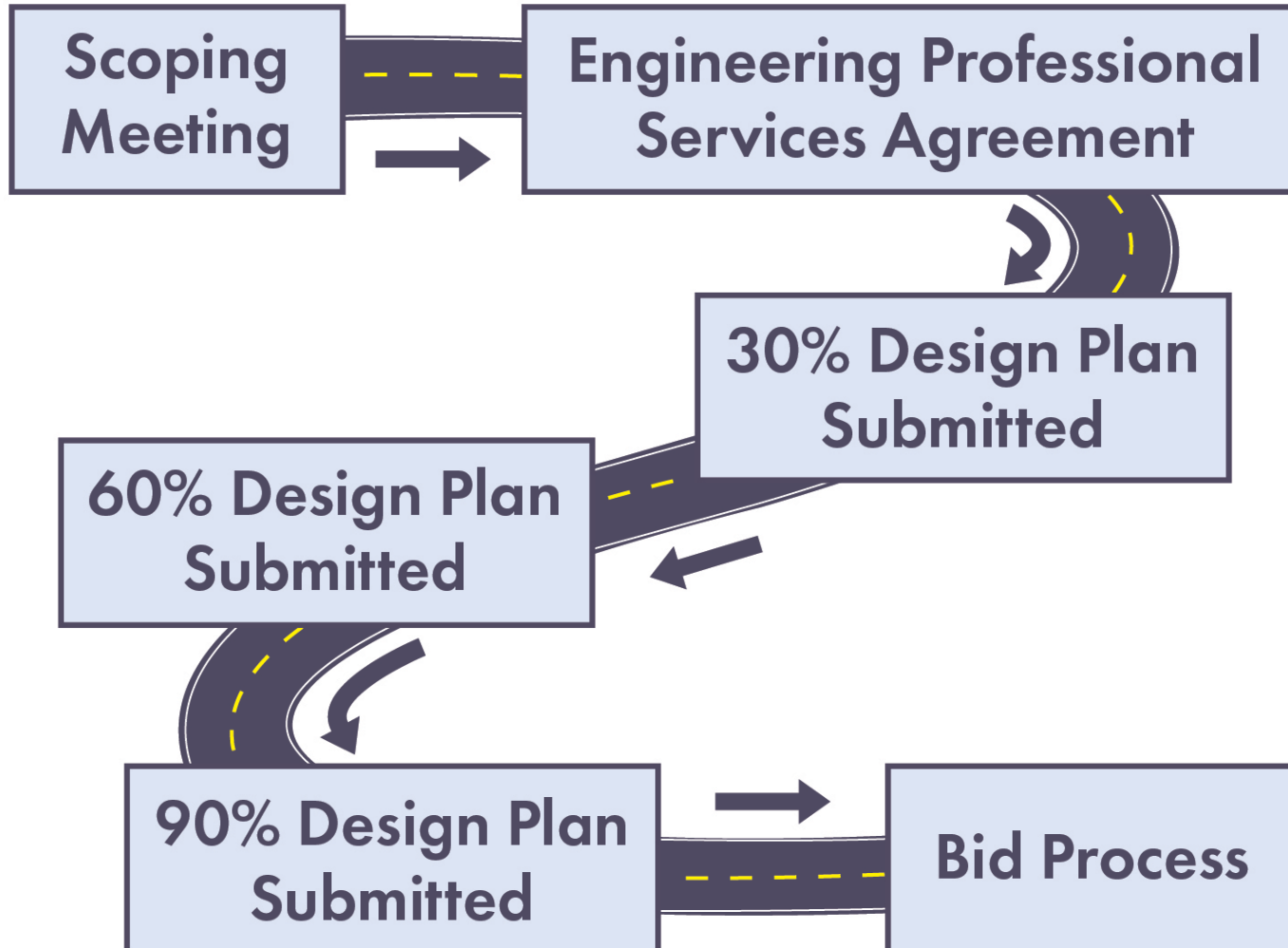


Before construction can physically begin on any traffic or mobility project...

DEVELOPMENT OF DESIGN

PLAN TO IMPLEMENT DESIGN

BEHIND THE DESIGN



BEHIND THE DESIGN

Scoping Meeting

- Identify stakeholders
- Project requirements
- Permitting
- Rights of Way
- Land acquisitions
- Concept alternatives
- Stakeholder input



BEHIND THE DESIGN

Engineering Professional Services Agreement

Put together by consultant/company and includes:

- Scope of work
- Timeline for construction & completion
- Presented to City Council for approval

***Once approved, a kickoff meeting is held a few weeks later**

CONTRACTS FOR ENGINEERING SERVICES

After the consultant has been selected using one of the methods described in Chapter 3 and agreement has been reached on the preliminary scope, schedule, and compensation, the client and selected consultant should formalize their agreement in a written contract. This chapter presents the items that should typically be considered in a contract at resources available to support that effort.

The terms of agreement between the consultant and the owner should be clearly expressed in a written, legally binding document signed by both parties before any work begins. Typical agreements contain two parts. The first part, the "Scope/Schedule/Fee" section, establishes issues that are unique to the project, including:

- Scope of design services to be provided;
- Schedule/time of performance for the contracting parties;
- Fee/compensation for professional services; and
- Owner's responsibilities.

The second part consists of the terms and conditions, typically referred to as *general conditions or provisions*. This section addresses common issues such as procedures for amending the agreement, standards of performance, insurance coverage, allocation of risks, and termination.

CONTRACT DOCUMENTS

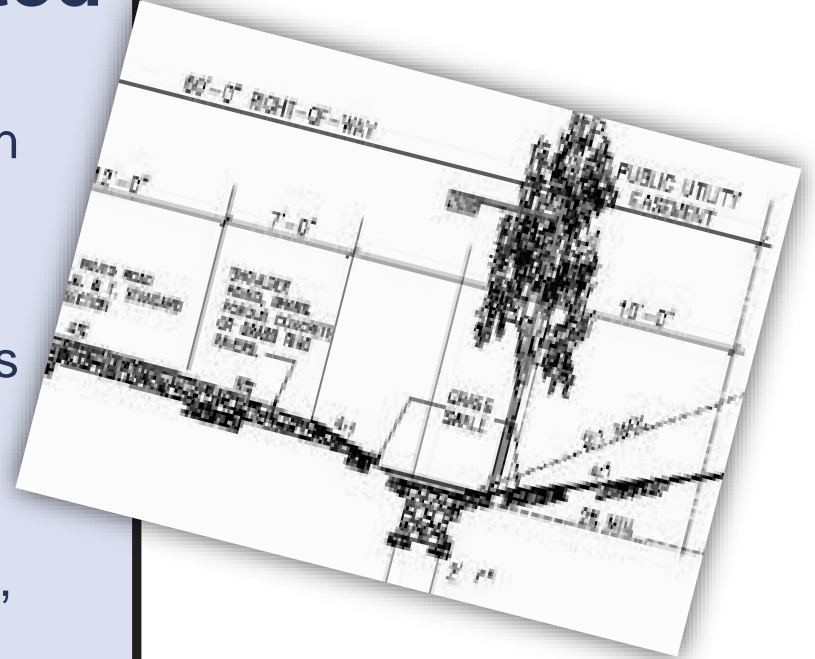
Standard forms of agreement and related documents that reflect current practice have been developed by ASCE in conjunction with other

BEHIND THE DESIGN

30% Design Plan Submitted

1st design submitted for review by City

- Contains very minimal construction plan
- High concept design sheet
- Demolition plans
- Identification of utility and other conflicts
- Identification of required permits
- Update on cost
- Preliminary studies and analysis: traffic, soil, hydrology, environment



***Depending on complexity of project, this can take anywhere from 3 months to a year**

BEHIND THE DESIGN

60% Design Plan Submitted

This plan is much more detailed and contains:

- Plans for traffic control, stormwater protection, signage and detours during construction, removal of trees and utilities
- Updated timeline and cost estimates
- Right of way documents completed
- All analysis and studies complete
- Permit draft applications completed
- Easements and rights-of-way can begin to be acquired



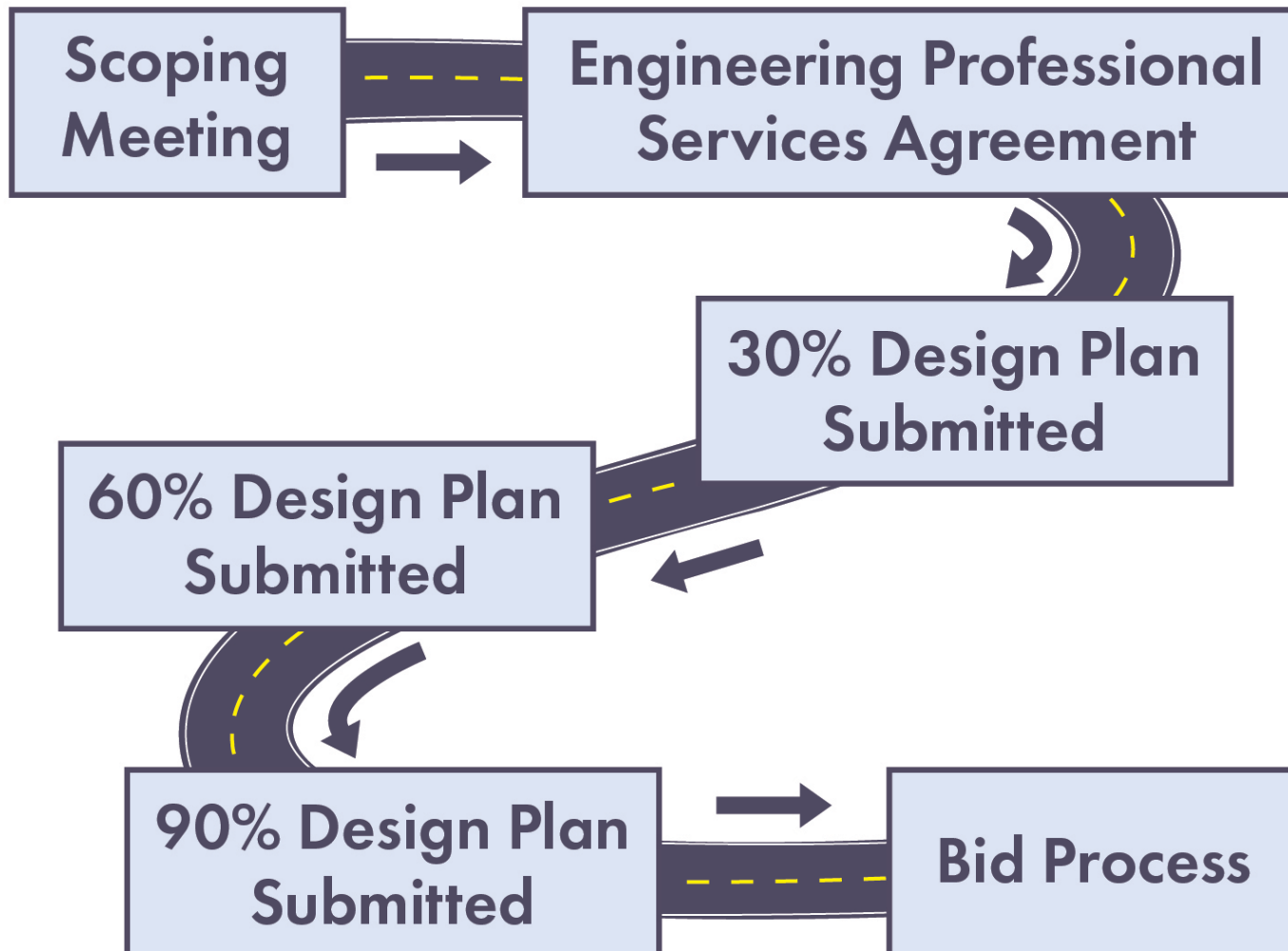
BEHIND THE DESIGN

BID PROCESS

- The City enters into the process of finding a company to execute the design plans and construct the project.
- It is then taken to the City Council for approval
- One to two months later construction typically begins



BEHIND THE DESIGN



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***Council has directed staff to accelerate the timelines for projects scheduled for design**

Projects Under Design

near completion and almost ready to bid



Construction anticipated to begin Fall 2020

Bay Ridge Phase II and III

Construction anticipated to begin in 2021

- Bay Ridge Phase I
- Oaks of Clear Creek Overland Flow
- Bradshaw Ditch
- Countryside
- Rustic Oaks
- Hidden Oaks
- Dove Meadows
- Bay Colony Area Detention Modification



Under Design

- Magnolia Creek/Cedar Gully Phase I and II
- Benson Watershed Regional Detention Pond
- Bay Ridge Phase IV
- Magnolia Area Diversion
- Comprehensive Drainage Plan and Flood Early Warning System

Design to Begin After July 23 Council Approval

- Meadows I
- Meadows II

Awaiting Grant Decision

- Newport and Ellis Landing
- Brittany Bay
- FM 518 and Wesley Drive
- Landing Subdivision
- Oaks of Clear Creek Detention Pond

No design work can begin until official decision on grant application

Scheduled for design/purchase in 2021-2023

- Hughes Lane/West Deets Road Culvert Crossing
- Trailer Mounted Generator and Bypass Generators

City Council has directed staff to accelerate the timelines for these projects



OTHER DRAINAGE PROJECTS

- FEMA Funded Hurricane Harvey Mitigation Projects
- Lower Clear Creek and Dickinson Bayou Drainage Study
- Clear Creek Tributaries and Desnagging Project
- Regular Maintenance of Inlets, Ditches, and Outfalls