1.

1. **Phase 1:**

- Construct temporary HMAC pavement in median for traffic control. Use single lane closures during non-peak periods. Open all lanes of traffic during peak periods.
- Construct temporary signal and relocate signal heads as needed at W. Bellfort Avenue and S. Willcrest Drive.
- Construct left turn for W. Bellfort eastbound travel lane at S. Wilcrest Drive using High Early strength Concrete.

2. **Phase 2:** Complete outside three lanes of westbound W. Bellfort Avenue between S. Wilcret Drive and US 59.

Phase 2A

- Relocate signal heads on temporary signal.
- Move Wilcrest traffic to west side of Wilcrest
- Remove and replace existing storm sewer along S. Wilcrest Drive and extend proposed 36" storm sewer onto W. Bellfort Avenue for Phase 2B extension. Maintain existing storm during construction.
- Construct sanitary sewer system along S. Wilcrest Drive and extend 21" lead for future construction in Phase 2B. Maintain existing sanitary sewer during construction

Phase 2B

- Relocate signal heads on temporary signal.
- Construct 21" Sanitary Sewer along W. Bellfort from Wilcrest to end of project.
- Transfer all sanitary sewer connections to new sewer.
- Once all sanitary sewer service lines have been transferred over to new line remove all abandoned 18" sanitary sewer lines, abandoned manholes and abandoned service lead
- Construct storm sewer along north side of W. Bellfort Avenue. Maintain existing storm during construction.
- Construct water line along north side of W. Bellfort Avenue. Existing 12" water line to remain in service.
- Once utilities have been installed on westbound side of W. Bellfort Avenue construct pavement and sidewalk on north side of W. Bellfort Avenue.
- Provide temporary HMAC ties at all median crossings.

3. **Phase 3:** Construct temporary detour pavement between Phase 2B pavement and detour pavement constructed in Phase 1.

- Relocate signal heads on temporary signal.
- Extend storm sewer leads across median. Maintain existing storm sewer during construction.
- Construct pavement for medians.

4. **Phase 4**: Complete construction along the eastbound direction of W. Bellfort Avenue between S. Wilcret Drive and US 59

- Relocate signal heads on temporary signal.
- Extend storm sewer inlet leads. Maintain existing storm sewer during construction.
- Once storm sewer has been installed on eastbound side of W. Bellfort Avenue construct pavement and sidewalk on south side of W. Bellfort Avenue.

5. **Phase 5**: Complete construction of the intersection of W. Bellfort Avenue and S. Wilcrest Drive

Phase 5A

- Construct the southwest corner using High Early Strength Concrete. (High early strength concrete shall be used at S. Wilcrest Drive intersection, see drawings). Construction of the intersection shall be performed over the weekend. All lanes of traffic shall be open by 6:30 am Monday morning.

Phase 5B

- Construct the southeast corner using High Early Strength. Intersection shall be performed over the weekend. All lanes of traffic during shall be open by 5 am Monday morning.

Phase 5C

- Construct the northeast corner using High Early Strength. Intersection shall be performed over the weekend. All lanes of traffic during shall be open by 5 am Monday morning.

Phase 5D

- Construct the southwest corner using High Early Strength. Intersection shall be performed over the weekend. All lanes of traffic during shall be open by 5 am Monday morning.

Phase 6: Complete construction along the middle of W. Bellfort Avenue.

- Relocate signal heads as needed.
- Remove temporary asphalt pavement.
- Contractor shall use single lane closure if needed. Keep all lanes open during peak periods.
- Construct concrete curbs and medians along the middle of W. Bellfort Avenue.
- Construct manhole adjustments along median.

D. Coordination of the Work: Refer to Section 01312 - Coordination and Meetings.

E. Temporary signals will be required for all phases of construction as shown in the plans.

F. Should the contractor elect to use a different plan of traffic control, the contractor shall prepare and submit an alternate set of traffic control plans to the traffic management and maintenance division of the city of Houston public works and engineering department, for review and approval ten (10) working days prior to proceeding with the work. These plans shall be prepared by a registered professional engineer and drawn to an acceptable scale on reproducible mylars and shall become part of the contract drawings