

18Q-160 SW/NW 80th/70th Avenue Widening (from SW 90th – North of US 27)

Summary of Agenda Items

Original Contract: Provide a Preliminary Engineering Report (PER) which will support the widening and other future improvements to SW-NW 80th/70th Avenue from SW 90th Street to ½ mile north of US 27.

1. CA-01: provide engineering and design services for the intersection at US 27 and NW 70th Avenue
2. CA-02: provide engineering and design services for the intersection at SR 40 and NW 80th Avenue
3. CA-03: design services for utilities relocation at the US 27 and NW 70th Avenue intersection
4. CA-04: post design services to include bidding, shop drawings, construction submittals, construction support, construction oversight, geotechnical, completion certifications, Right-of-Way map, surveying, utility work, environmental, and meetings and client updates.
5. CA-05: consultant's work to prepare designs, permit applications, and bid documents for Segment 3 of the corridor, from north of SR 40 to ½ mile south of US 27
6. CA-06: engineering and final design services from SW 90th Street to approximately ½ mile north of SW 38th Street
7. CA-07: additional services to the original scope to include a study for various intersection configurations at SW 80th Avenue and SW 38th Street (West Port High School)
8. CA-08: Splits the project into two phases, incorporating additional services into the original scope
 - a. Phase 1 (A) extends from SW 90th Street to 0.25 miles north of SW 80th Street
 - b. Phase 2 (B) covers the area from the terminus of Phase 1 (1) to 0.50 miles north of SW 38th StreetTwo (2) separate plan sets will be developed. Extended scope includes cultural resource assessments, lighting design at four (4) intersections, and signal interconnect plans.
9. CA-09: design of two (2) new roundabouts:
 - a. One at the intersection of SW 80th Avenue and SW 38th Street
 - b. Second at SE 38th Street connecting to the southern West Port High School driveway

10. CA-10: final design services for SW 80th Avenue Segment 2, from 0.50 miles north of SW 38th Street to 200 feet south of State Road 40 (SR40) for a distance of approximately 2 miles
11. CA-11: post-design and construction phase services for the SW/NW 80th/70th Avenue Segment 1 (from SW 80th Street to north of SW 38th Avenue)
12. CA-12: designing a preemptive traffic signal at the northernmost West Port High School access on SW 80th Avenue, preparing a complete signalization plan set integrated into the roadway plans, performing a FDOT compliant structural analysis for the strain poles and their foundations, providing calculations at the 100% submittal
13. CA-13: preparing a Lighting Justification Report for an approximate 2,800 feet of segment of SW 80th Avenue just north of SW 80th Street, and evaluating the need for roadway lighting