

(41) Notes for "HDPE Conduit, Bored":

- 41.1) OG&E has requested two bores across the highway, north and south ends of the project. The exact location of these bores has not been determined, as of the date of plan preparation.
- 41.2) Per normal ODOT procedure, the Contractor will need to obtain a utility from Division 4's Utility Engineer, Mr. Terry Shreve, tshreve@odot.org. There is a \$5 charge per each permit.
- 41.3) Bore procedure shall conform to normal ODOT requirements. In particular, water can only be used as a lubricant, no water-jetting.

(42) Notes for "Pull Box (Size I)":

- 42.1) One pull box (size i) has been provided for each proposed new luminaire, per the attached luminaire spreadsheet. The pull box location will be near the new luminaire, but the exact location will have to be determined out in the field.

(43) Notes for "Structural Concrete" and "Reinforcing Steel":

- 43.1) These "Traffic" pay items are intended for the following uses:
- Footings for the new flashing stop signs at Thomas (two signs, two posts apiece). According to ODOT Std. Dwg. FGS1-1-00, each footing uses 0.23 CY concrete and 32# rebar. See pay item note #42.
 - New luminaire footings. As of the date of plan preparation, the specs for the new luminaires are not known. OG&E may elect to provide their own footing specs, or may defer to ODOT Standard Drawing GMF1-2-00. For estimating purposes, quantities were computed for these plans using the 9-ft footing per ODOT Std. Dwg., which calls for 1.64 CY concrete and 284# rebar per footing.
- 43.2) For the new luminaire footings, OG&E will provide the anchor bolts which need to be set into the footing, and bolt template.
- 43.3) For the elevations of the new luminaire footings, the reference elevation will be the top-of-curb of the adjacent curb. Unless otherwise directed by the Engineer, the top of the footing will be one inch higher than the adjacent top-of-curb.
- 43.4) Prior to the Contractor starting work, it is anticipated that the City, OG&E and/or their agents will remove the existing luminaires and light poles that are being replaced, along with the existing overhead power lines servicing them. The location of the new luminaires will be provided by the City and/or OG&E. The present OG&E contact:

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OG&E
405-553-8370, office
405-740-7750 cell & text
leend@oge.com

(44) Notes for "Removal of Existing Signs":

- 44.1) All existing stop signs, and other highway signs, will be replaced under this project. Existing signs are to remain property of the State, but the Contractor is to take down the signs when necessitated by construction and set aside for ultimate pick up by the State.
- 44.2) During construction, a stop sign shall be mounted on a temporary post, stand or barricade until such time the permanent replacement is put up. The cost of these temporary stop signs shall be considered included in "other items of work".
- 44.2) The city street signs, currently located on top of the stop signs, are to be retained by the Contractor, along with any installation clips, and placed on top the new stop signs later.

(45) Notes for "Sheet Aluminum Signs", "2" Square Tube Post" and "2.25" Square Tube Post":

- 45.1) All signs affected by construction are to be eventually replaced with new signs. Pay items have been provided for sheet aluminum and various sign posts. Single post signs are to be mounted on 2-1/4" square tube posts. Stop signs for the side streets will be 30".
- 45.2) Handicap signs are to be placed for the numerous handicapped parking bays, at an estimated size of 12"x18". They are to be placed upon 2" square tube posts, although depending on the location, they could also be mounted on a railing or other structure, if convenient.
- 45.3) All posts are to be placed inside sleeves of the next larger-sized tubing, so that sign replacement can later be done without having to jackhammer into the new sidewalk (i.e., 2" into 2.25" and 2.25" into 2.5"). Due to various tubing wall gauges available, the Contractor shall verify that the components used will properly telescope into each other and/or won't be too loose.

(46) Notes for "Special Signs", "3" @ .58 Galvanized Steel Pipe Post" and "2.5" Square Tube Post":

- 46.1) At the 4-way stop at Thomas St., the existing highway stop signs on U.S. 177 will be replaced with 48" stop signs with solar-powered perimeter LEDs. There will be one sign for each direction, on the right inside the "island".
- 46.2) Each sign will have two 2-1/2" square posts apiece (i.e., a double-post installation), with breakaway connections at the ground line.
- 46.3) A pay item is provided for 3"@.58 galvanized steel pipe post, to pay for the pipe embedded in the concrete footing; this item also includes the cost of a break-away fitting to accommodate 2-1/2" square tube posts above-ground.
- 46.4) The cost of footing concrete and rebar will be paid for under the "Traffic" pay items for "Structural Concrete" and "Reinforcing Steel", per pay item note #39.