

1. SR 1601 (Jenks Road) at SR 1600
(Green Level Church Road / Kelly Road)

**ITS and Signals Unit
Engineer's Estimate**

ITEM NUMBER	SECTION	UNITS	DESCRIPTION	SIGNAL (05-1522)	ITS	TOTAL	Unit Cost	TOTAL COST
7060000000-E	1705	LF	SIGNAL CABLE	550		550	\$4.00	\$2,200.00
7120000000-E	1705	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	8		8	\$900.00	\$7,200.00
7264000000-E	1710	LF	MESSENGER CABLE (3/8")	400		400	\$3.10	\$1,240.00
7279000000-E	1715	LF	TRACER WIRE		2685	2685	\$1.25	\$3,356.25
7300000000-E	1715	LF	UNPAVED TRENCHING (2 conduits, 2 inch)	1255	780	2035	\$9.00	\$18,315.00
7301000000-E	1715	LF	DIRECTIONAL DRILL (2 conduits, 2 inch)		1905	1905	\$28.00	\$53,340.00
7324000000-N	1716	EA	JUNCTION BOX (STANDARD SIZE)	8		8	\$350.00	\$2,800.00
7348000000-N	1716	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)		7	7	\$550.00	\$3,850.00
7360000000-N	1720	EA	WOOD POLE	4		4	\$1,500.00	\$6,000.00
7372000000-N	1721	EA	GUY ASSEMBLY	8		8	\$500.00	\$4,000.00
7420000000-E	1722	EA	2" RISER WITH WEATHERHEAD	4		4	\$350.00	\$1,400.00
7444000000-E	1725	LF	INDUCTIVE LOOP SAWCUT	860		860	\$7.00	\$6,020.00
7456000000-E	1726	LF	LEAD-IN CABLE (14-2)	2900		2900	\$3.00	\$8,700.00
7516000000-E	1730	LF	COMMUNICATIONS CABLE (24 FIBER)		3055	3055	\$3.50	\$10,692.50
7528000000-E	1730	LF	DROP CABLE		125	125	\$3.75	\$468.75
7540000000-N	1731	EA	SPLICE ENCLOSURE		1	1	\$2,500.00	\$2,500.00
7541000000-N	1731	EA	MODIFY SPLICE ENCLOSURE		1	1	\$2,100.00	\$2,100.00
7552000000-N	1731	EA	INTERCONNECT CENTER		1	1	\$2,500.00	\$2,500.00
7566000000-N	1733	EA	DELINEATOR MARKER		7	7	\$160.00	\$1,120.00
7575142200-N	SP	EA	NEW ELECTRICAL SERVICE	1		1	\$1,200.00	\$1,200.00
7684000000-N	1750	EA	SIGNAL CABINET FOUNDATION	1		1	\$1,100.00	\$1,100.00
7686000000-N	1752	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION		1	1	\$600.00	\$600.00
7756000000-N	1751	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	1		1	\$20,000.00	\$20,000.00
7780000000-N	1751	EA	DETECTOR CARD (TYPE 2070L)	9		9	\$150.00	\$1,350.00
7901000000-N	1753	EA	CABINET BASE EXTENDER	1		1	\$400.00	\$400.00
		EA	SIGNAL AND ITS DESIGN			1	\$18,000.00	\$18,000.00
		EA	SURVEY			1	\$7,000.00	\$7,000.00
		EA	NCDOT PLAN REVIEW AND EQUIPMENT INSPECTION			1	\$2,500.00	\$2,500.00
								\$189,952.50

The engineer's opinion of possible construction cost shown above is representative of costs we have recently seen on similar projects in North Carolina and may not represent actual bid or construction fees. Please note that we cannot control contractors' construction means and/or methods, and thus cannot accurately predict specific costs. If a more exact construction estimate is needed, please allow us to engage the services of a professional construction estimator.