

North Carolina Department of Transportation
Preliminary Estimate

TIP No. **1-5972**
Route: US 70
From:
Typical Section: 4-Lane Median Divided

Final Plans

County: **Johnson**

CONSTR. COST
\$0

Prepared By: RK&K Engineers 7/10/23
Requested By:
Priced By:

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
<u>ROADWAY</u>							
0000100000-N	M	800	Mobilization	1	LS	\$	-
0000400000-N	M	801	Construction Surveying	1	LS	\$	-
0000720000-N	M	SP	Field Office	1	LS	\$	-
0001000000-E	G	200	Clearing & Grubbing (16 ACRE)	1	LS	\$	-
0008000000-E	G	200	Supplementary Clearing & Grubbing	2	ACR	\$	-
0022000000-E	G	225	Unclassified Excavation	33,360	CY	\$	-
0036000000-E	G	225	Undercut Excavation	3,200	CY	\$	-
0106000000-E	G	230	Borrow Excavation	170,150	CY	\$	-
0134000000-E	D	240	Drainage Ditch Excavation	6,790	CY	\$	-
0156000000-E	G	250	Removal of Existing Asphalt Pavement	25,090	SY	\$	-
0192000000-N	G	260	Proof Rolling	10.0	HR	\$	-
0195000000-E	G	265	Select Granular Material	14,300.0	CY	\$	-
0196000000-E	G	270	Geotextile for Soil Stabilization	50,300.0	SY	\$	-
0199000000-E	G	SP	Temporary Shoring	4,400.0	SF	\$	-
0222000000-E	G	SP	Geotextile for Rock Embankment, Type I	2,500.0	SY	\$	-
1011000000-N	P	500	Fine Grading (68,150 sy)	1	LS	\$	-
1077000000-E	P	SP	#57 Stone	1,300	TON	\$	-
1099500000-E	G	505	Shallow Undercut	10,300	CY	\$	-
1099700000-E	G	505	Class IV Subgrade Stabilization	22,600	TON	\$	-
1297000000-E	P	607	Milling Asphalt Pavement, 2.25" Depth	29,930	SY	\$	-
1330000000-E	P	607	Incidental Milling	1,250	SY	\$	-
1489000000-E	P	610	Asphalt Conc. Base Course, Type B25.0C	30,330	TON	\$	-
1503000000-E	P	610	Asphalt Conc. Intermediate Course, Type I19.0C	15,850	TON	\$	-
1523000000-E	P	610	Asphalt Conc. Surface Course, Type S9.5C	9,990	TON	\$	-
1524200000-E	P	610	Asphalt Conc. Surface Course, Type S9.5D	9,060	TON	\$	-
1575000000-E	P	620	Asphalt Binder for Plant Mix	2,725	TON	\$	-
1577000000-E	P	620	Polymer Modified Asphalt Binder for Plant Mix	645	TON	\$	-
1662000000-E	P	650	Open-Graded Asphalt Friction Course, Type FC-1 Modified	1,880	TON	\$	-
1693000000-E	P	654	Asphalt Plant Mix, Pavement Repair	220	TON	\$	-
2549000000-E	P	846	2' - 6" Concrete Curb and Gutter	2,760	LF	\$	-
2556000000-E	P	846	Shoulder Berm Gutter	35	LF	\$	-
2591000000-E	P	848	4" Concrete Sidewalk	1,020	SY	\$	-
2605000000-E	P	848	Concrete Curb Ramps	11	EA	\$	-
2655000000-E	P	852	5" Monolithic Concrete Islands (Keyed In)	1,580	SY	\$	-
3030000000-E	GR	862	Steel Beam Guardrail	1,300	LF	\$	-
3195000000-N	GR	862	Guardrail End Units, Type AT-1	2	EA	\$	-
3210000000-N	GR	862	Guardrail End Units, Type CAT-1	1	EA	\$	-
3215000000-N	GR	862	Guardrail End Units, Type III	4	EA	\$	-
3287000000-N	GR	862	Guardrail End Units, Type TL-3	5	EA	\$	-
3317000000-N	GR	SP	Guardrail End Units, Type B-77	4	EA	\$	-
3503000000-E	F	866	Woven Wire Fence, 47" Fabric	2,890	LF	\$	-
3509000000-E	F	866	4" Timber Fence Posts, 7'-6" Long	174	EA	\$	-
3515000000-E	F	866	5" Timber Fence Posts, 8'-0" Long	60	EA	\$	-
<u>DRAINAGE</u>							
0318000000-E	D	300	Foundation Conditioning Material, Minor Structures	410	TON	\$	-
0320000000-E	D	300	Foundation Conditioning Geotextile	1,290	SY	\$	-
0343000000-E	D	310	15" Side Drain Pipe	268	LF	\$	-
0366000000-E	D	310	15" RC Pipe Culverts, Class III	812	LF	\$	-
0372000000-E	D	310	18" RC Pipe Culverts, Class III	264	LF	\$	-
0378000000-E	D	310	24" RC Pipe Culverts, Class III	312	LF	\$	-
0384000000-E	D	310	30" RC Pipe Culverts, Class III	296	LF	\$	-

North Carolina Department of Transportation
Preliminary Estimate

TIP No. **1-5972**
Route: US 70
From:
Typical Section: 4-Lane Median Divided

Final Plans

County: Johnson

CONSTR. COST
\$0

Prepared By: RK&K Engineers 7/10/23
Requested By:
Priced By:

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
0448300000-E	D	310	18" RC Pipe Culverts, Class IV	904	LF	\$	-
0448400000-E	D	310	24" RC Pipe Culverts, Class IV	256	LF	\$	-
0448700000-E	D	310	42" RC Pipe Culverts, Class IV	100	LF	\$	-
0582000000-E	D	310	15" Corrugated Steel Pipe	632	LF	\$	-
0973100000-E	D	330	30" Welded Steel Pipe, 0.5" Thick, Grade B In Soil	96	LF	\$	-
0973300000-E	D	330	30" Welded Steel Pipe, 0.5" Thick, Grade B Not In Soil	96	LF	\$	-
0973100000-E	D	330	36" Welded Steel Pipe, 0.5" Thick, Grade B In Soil	96	LF	\$	-
0973300000-E	D	330	36" Welded Steel Pipe, 0.5" Thick, Grade B Not In Soil	96	LF	\$	-
0973100000-E	D	330	42" Welded Steel Pipe, 0.625" Thick, Grade B In Soil	126	LF	\$	-
0973300000-E	D	330	42" Welded Steel Pipe, 0.625" Thick, Grade B Not In Soil	126	LF	\$	-
0973100000-E	D	330	54" Welded Steel Pipe, 0.75" Thick, Grade B In Soil	514	LF	\$	-
0973300000-E	D	330	54" Welded Steel Pipe, 0.75" Thick, Grade B Not In Soil	514	LF	\$	-
0995000000-E	D	340	Pipe Removal	1,566.0	LF	\$	-
1220000000-E	G	545	Incidental Stone Base	500.0	TON	\$	-
2022000000-E	D	815	Subdrain Excavation	4,980.0	CY	\$	-
2026000000-E	D	815	Geotextile for Subsurface Drains	14,800.0	SY	\$	-
2036000000-E	D	815	Subdrain Coarse Aggregate	2,490.0	CY	\$	-
2044000000-E	D	815	6" Perforated Subdrain Pipe	14,800.0	LF	\$	-
2070000000-N	D	815	Subdrain Pipe Outlet	30.0	EA	\$	-
2077000000-E	D	815	6" Outlet Pipe	180.0	LF	\$	-
2209000000-E	D	838	Endwalls	15.5	CY	\$	-
2220000000-E	D	838	Reinforced Endwalls	29.2	CY	\$	-
2264000000-E	D	840	Pipe Plugs	2.1	CY	\$	-
2275000000-E	D	SP	Flowable Fill	166.0	CY	\$	-
2286000000-N	D	840	Masonry Drainage Structures	31	EA	\$	-
2297000000-E	D	840	Masonry Drainage Structures	5.1	CY	\$	-
2308000000-E	D	840	Masonry Drainage Structures	13.6	LF	\$	-
2374000000-N	D	840	Frame with Grate & Hood, STD 840.03, Type E	1	EA	\$	-
2374000000-N	D	840	Frame with Grate & Hood, STD 840.03, Type F	7	EA	\$	-
2374000000-N	D	840	Frame with Grate & Hood, STD 840.03, Type G	6	EA	\$	-
2364000000-N	D	840	Frame with Two Grates, STD 840.16	2	EA	\$	-
2365000000-N	D	840	Frame with Two Grates, STD 840.22	7	EA	\$	-
2366000000-N	D	840	Frame with Two Grates, STD 840.24	2	EA	\$	-
2396000000-N	D	840	Frame with Cover, STD 840.54	5	EA	\$	-
2407000000-N	D	840	Steel Frame with Two Grates, STD 840.37	2	EA	\$	-
2451000000-N	D	852	Concrete Transitional Section For Drop Inlet	2	EA	\$	-
2800000000-N	D	858	Adjust Catch Basin	2	EA	\$	-
2815000000-N	D	858	Adjust Drop Inlets	1	EA	\$	-
3628000000-E	D	876	Rip Rap, Class I	520	TON	\$	-
3635000000-E	D	876	Rip Rap, Class II	2,400	TON	\$	-
3642000000-E	D	876	Rip Rap, Class A	700	TON	\$	-
3649000000-E	D	876	Rip Rap, Class B	160	TON	\$	-
3656000000-E	D	876	Geotextile for Drainage	2,825	SY	\$	-
2253000000-E	D	840	Pipe Collars	0.4	CY	\$	-
0335850000-E	D	305	15" Drainage Pipe Elbows	12	EA	\$	-
			SIGNING				
4048000000-E	S	902	Reinforced Concrete Sign Foundation	11	CY	\$	-
4054000000-E	S	902	Plain Concrete Sign Foundation	2	CY	\$	-
4057000000-E	S	SP	Overhead Footing	24	CY	\$	-
4060000000-E	S	903	Supports, Breakaway Steel Beam	14,397	LB	\$	-
4072000000-E	S	903	Supports, 3 LB Steel U-Channel	1,113	LF	\$	-
4082100000-N	S	906	Supports, Overhead Sign Structure @ -RPB- Sta. 23+00	1	LS	\$	-
4096000000-N	S	904	Sign Erection, Type D	2	EA	\$	-
4102000000-N	S	904	Sign Erection, Type E	43	EA	\$	-

North Carolina Department of Transportation
Preliminary Estimate

TIP No. **1-5972**
Route: US 70
From:
Typical Section: 4-Lane Median Divided

Final Plans

County: **Johnson**

CONSTR. COST
\$0

Prepared By: RK&K Engineers 7/10/23
Requested By:
Priced By:

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
4108000000-N	S	904	Sign Erection, Type F	10	EA	\$	-
4110000000-N	S	904	Sign Erection, Type A (Ground Mounted)	15	EA	\$	-
4110000000-N	S	904	Sign Erection, Type B (Ground Mounted)	6	EA	\$	-
4114000000-N	S	904	Sign Erection, Milemarkers	4	EA	\$	-
4116100000-N	S	904	Sign Erection, Relocate Sign Type A (Ground Mounted)	8	EA	\$	-
4116100000-N	S	904	Sign Erection, Relocate Sign Type D (Ground Mounted)	1	EA	\$	-
4116100000-N	S	904	Sign Erection, Relocate Sign Type E (Ground Mounted)	5	EA	\$	-
4138000000-N	S	907	Disposal of Support, Steel Beam	8	EA	\$	-
4149000000-N	S	907	Disposal of Sign System, Overhead	1	EA	\$	-
4152000000-N	S	907	Disposal of Sign System, Steel Beam	8	EA	\$	-
4155000000-N	S	907	Disposal of Sign System, U-Channel	91	EA	\$	-
4158000000-N	S	907	Disposal of Sign System, Wood	1	EA	\$	-
4186000000-N	S	907	Disposal of Support, U-Channel	6	EA	\$	-
<u>TRAFFIC CONTROL</u>							
4400000000-E	Y	1110	Stationary Work Zone Signs	184.00	SF	\$	-
4402000000-E	Y	SP	High Visibility Stationary Signs	606.00	SF	\$	-
4405000000-E	Y	1110	Portable Work Zone Signs	311.00	SF	\$	-
4407000000-E	Y	SP	High Visibility Portable Signs	586.00	SF	\$	-
4410000000-E	Y	1110	Barricade Mounted Work Zone Signs	76.00	SF	\$	-
4415000000-N	Y	1115	Flashing Arrow Board	4.00	EA	\$	-
4420000000-N	Y	1120	Portable Changeable Message Sign	4.00	EA	\$	-
4423000000-N	Y	SP	Work Zone Digital Speed Limit Sign	6.00	EA	\$	-
4424000000-N	Y	SP	Work Zone Presence Lighting	22.00	EA	\$	-
4430000000-N	Y	1130	Drums	50.00	EA	\$	-
4432000000-N	Y	SP	High Visibility Drums	165.00	EA	\$	-
4434000000-N	Y	SP	Sequential Flashing Warning Lights	24.00	EA	\$	-
4445000000-E	Y	1145	Barricades (Type III)	280.00	LF	\$	-
4447000000-E	Y	SP	Pedestrian Channelization Devices	32.00	LF	\$	-
4455000000-N	Y	1150	Flagger (By Day)	600.00	DAY	\$	-
4480000000-N	Y	1165	TMA	2.00	EA	\$	-
4510000000-N	Y	1190	Law Enforcement	520.00	HR	\$	-
4516000000-N	Y	1180	Skinny Drum	19.00	EA	\$	-
4520000000-N	Y	1266	Tubular Markers (Fixed)	30.00	EA	\$	-
4650000000-N	Y	1251	Temporary Raise Pavement Markers	1,641.00	EA	\$	-
4770000000-N	Y	1251	Cold Applied Plastic (4") Type 4	1,080.00	EA	\$	-
4810000000-E	PM	1205	Paint (4")	107,763.00	LF	\$	-
4820000000-E	PM	1205	Paint (8")	6,199.00	LF	\$	-
4835000000-E	PM	1205	Paint (24")	1,628.00	LF	\$	-
4840000000-N	PM	1205	Paint Marking Characters	64.00	EA	\$	-
4845000000-N	PM	1205	Paint Marking Symbols	338.00	EA	\$	-
4847500000-E	PM	SP	Work Zone Performance Pavement Marking Lines (6")	87,377.00	LF	\$	-
4847600000-E	PM	SP	Work Zone Performance Pavement Marking Lines (12")	7,871.00	LF	\$	-
4850000000-E	PM	1205	Removal of Pavement Marking Lines (4")	28,560.00	LF	\$	-
4855000000-E	PM	1205	Removal of Pavement Marking Lines (6")	58,629.00	LF	\$	-
4860000000-E	PM	1205	Removal of Pavement Marking Lines (8")	1,102.00	LF	\$	-
4865000000-E	PM	1205	Removal of Pavement Marking Lines (12")	4,280.00	LF	\$	-
4870000000-E	PM	1205	Removal of Pavement Marking Lines (24")	234.00	LF	\$	-
4875000000-N	PM	1205	Removal of Pavement Marking Symbols	56.00	EA	\$	-
<u>PAVEMENT MARKINGS</u>							
4685000000-E	PM	1205	Thermoplastic Pavement Marking Lines (4", 90 MILS)	13,100	LF	\$	-
4688000000-E	PM	1205	Thermoplastic Pavement Marking Lines (6", 90 MILS)	49,239	LF	\$	-
4695000000-E	PM	1205	Thermoplastic Pavement Marking Lines (8", 90 MILS)	278	LF	\$	-

North Carolina Department of Transportation
Preliminary Estimate

TIP No. **1-5972**
Route: US 70
From:
Typical Section: 4-Lane Median Divided

Final Plans

County: Johnson

CONSTR. COST
\$0

Prepared By: RK&K Engineers 7/10/23
Requested By:
Priced By:

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
4700000000-E	PM	1205	Thermoplastic Pavement Marking Lines (12", 90 MILS)	2,753	LF		\$ -
4709000000-E	PM	1205	Thermoplastic Pavement Marking Lines (24", 90 MILS)	298	LF		\$ -
4720000000-E	PM	1205	Thermoplastic Pavement Marking Character (90 MILS)	16	EA		\$ -
4725000000-E	PM	1205	Thermoplastic Pavement Marking Symbol (90 MILS)	95	EA		\$ -
4775000000-E	PM	1205	Cold Applied Plastic Pavement Marking Lines, Type ** (6")	1,024	LF		\$ -
4900000000-N	PM	1251	Permanent Raised Pavement Markers	7	EA		\$ -
4905100000-N	PM	1253	Snowplowable Pavement Markers	572	EA		\$ -
			EROSION CONTROL				
6000000000-E	L	1605	Temporary Silt Fence	74,525	LF		\$ -
6006000000-E	L	1610	Erosion Control Stone, Class A	500	TON		\$ -
6009000000-E	L	1610	Erosion Control Stone, Class B	1,855	TON		\$ -
6012000000-E	L	1610	Sediment Control Stone	575	TON		\$ -
6015000000-E	L	1615	Temporary Mulching	117.5	ACR		\$ -
6018000000-E	L	1620	Seed for Temporary Seeding	4,500	LB		\$ -
6021000000-E	L	1620	Fertilizer for Temporary Seeding	23.5	TON		\$ -
6024000000-E	L	1622	Temporary Slope Drains	1,960	LF		\$ -
6029000000-E	L	SP	Safety Fence	4,680	LF		\$ -
6030000000-E	L	1630	Silt Excavation	14,950	CY		\$ -
6036000000-E	L	1631	Matting for Erosion Control	56,335	SY		\$ -
6037000000-E	L	SP	Coir Fiber Mat	255	SY		\$ -
6042000000-E	L	1632	1/4" Hardware Cloth	285	LF		\$ -
6043000000-E	L	SP	Low Permeability Geotextile	330	SY		\$ -
6069000000-E	L	1638	Stilling Basins	96	CY		\$ -
6071012000-E	L	SP	Coir Fiber Wattle	3,600	LF		\$ -
6071020000-E	L	SP	Polyacrylamide (PAM)	3,400	LB		\$ -
6071030000-E	L	1640	Coir Fiber Baffle	3,160	LF		\$ -
6071050000-E	L	SP	Skimmer - (1-1/2")	14	EA		\$ -
6071050000-E	L	SP	Skimmer - (2")	3	EA		\$ -
6084000000-E	L	1660	Seeding and Mulching	69	ACR		\$ -
6087000000-E	L	1660	Mowing	81	ACR		\$ -
6090000000-E	L	1661	Seed for Repair Seeding	1,200	LB		\$ -
6093000000-E	L	1661	Fertilizer for Repair Seeding	3.5	TON		\$ -
6096000000-E	L	1662	Seed for Supplemental Seeding	1,700	LB		\$ -
6108000000-E	L	1665	Fertilizer Topdressing	50.5	TON		\$ -
6111000000-E	L	SP	Impervious Dike	40	LF		\$ -
6114500000-N	L	1667	Specialized Hand Mowing	10	MHR		\$ -
6117000000-N	L	1675	Response for Erosion Control	150	EA		\$ -
6120000000-E	L	SP	Culvert Diversion Channel	338	CY		\$ -
6123000000-E	L	1670	Reforestation	0.10	ACR		\$ -
6117500000-N	L	SP	Concrete Washout Structure	8	EA		\$ -
6114800000-N	L	SP	Manual Litter Removal	45	MHR		\$ -
6114900000-E	L	SP	Litter Disposal	2	TON		\$ -
			SIGNALS				
7060000000-E	Z	1705	Signal Cable	3,370	LF		\$ -
7120000000-E	Z	1705	Vehicle Signal Head (12", 3 Section)	18	EA		\$ -
7132000000-E	Z	1705	Vehicle Signal Head (12", 4 Section)	5	EA		\$ -
7252000000-E	Z	1710	Messenger Cable (1/4")	600	LF		\$ -
7264000000-E	Z	1710	Messenger Cable (3/8")	1,450	LF		\$ -
7279000000-E	Z	1715	Tracer Wire	1,530	LF		\$ -
7300000000-E	Z	1715	Unpaved Trenching (1 Conduit, 2 Inch)	1,205	LF		\$ -
7300000000-E	Z	1715	Unpaved Trenching (2 Conduit, 2 Inch)	300	LF		\$ -
7301000000-E	Z	1715	Directional Drill (1 Conduit, 2 Inch)	610	LF		\$ -

North Carolina Department of Transportation
Preliminary Estimate

TIP No. **1-5972**
Route: US 70
From:
Typical Section: 4-Lane Median Divided

Final Plans

County: Johnson

CONSTR. COST
\$0

Prepared By: RK&K Engineers 7/10/23
Requested By:
Priced By:

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
7301000000-E	Z	1715	Directional Drill (2 Conduit, 2 Inch)	230	LF	\$	-
7312000000-N	Z	1716	Junction Box (Special Over-Sized, Heavy Duty 36"x24"x24")	2	EA	\$	-
7324000000-N	Z	1716	Junction Box (Standard Size)	8	EA	\$	-
7348000000-N	Z	1716	Junction Box (Over-Sized, Heavy Duty)	7	EA	\$	-
7360000000-N	Z	1720	Wood Pole	5	EA	\$	-
7372000000-N	Z	1721	Guy Assembly	13	EA	\$	-
7420000000-E	Z	1722	2" Riser with Weatherhead	2	EA	\$	-
7444000000-E	Z	1725	Inductive Loop Sawcut	1,760	LF	\$	-
7456000000-E	Z	1726	Lead-In Cable (14-2)	3,200	LF	\$	-
7481000000-N	Z	SP	Site Survey	1	EA	\$	-
7481240000-N	Z	SP	Camera Without Internal Loop Emulator Processing Unit	3	EA	\$	-
7481260000-N	Z	SP	External Loop Emulator Processing Unit	1	EA	\$	-
7481280000-N	Z	SP	Relocate Camera Sensor Unit	6	EA	\$	-
7516000000-E	Z	1730	Communications Cable (24 Fiber)	3,450	LF	\$	-
7528000000-E	Z	1730	Drop Cable (12 Fiber)	920	LF	\$	-
7540000000-N	Z	1731	Splice Enclosure	2	EA	\$	-
7541000000-N	Z	1731	Modify Splice Enclosure	3	EA	\$	-
7552000000-N	Z	1731	Interconnect Center	3	EA	\$	-
7566000000-N	Z	1733	Delineator Marker	16	EA	\$	-
7575160000-E	Z	1734	Remove Existing Communications Cable	645	LF	\$	-
7576000000-N	Z	SP	Metal Strain Signal Pole	8	EA	\$	-
7613000000-N	Z	SP	Soil Test	8	EA	\$	-
7614100000-E	Z	SP	Drilled Pier Foundation	64	CY	\$	-
7636000000-N	Z	1745	Sign for Signals	7	EA	\$	-
7684000000-N	Z	1750	Signal Cabinet Foundation	2	EA	\$	-
7696000000-N	Z	1751	Controller with Cabinet (Type 2070LX, Base Mounted)	2	EA	\$	-
7744000000-N	Z	1751	Detector Card (Type 170)	10	EA	\$	-
7901000000-N	Z	1753	Cabinet Base Extender	2	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (Protective Coating for Strain Pole (Black))	8	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (Ethernet Edge Switch)	2	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (Digital CCTV Camera Assembly)	1	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (Field Equipment Cabinet)	1	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (CCTV Wood Pole)	1	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (Meter Base/Disconnect Combination Panel)	1	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (Equipment Cabinet Disconnect)	1	EA	\$	-
7980000000-N	Z	SP	Generic Signal Item (5/8"X10' Grounding Electrode)	3	EA	\$	-
7990000000-N	Z	SP	Generic Signal Item (3-Wire Copper Feeder Conductors)	600	LF	\$	-
7990000000-N	Z	SP	Generic Signal Item (#4 Solid Bare Grounding Conductor)	30	LF	\$	-
			UTILITIES				
5325600000-E	U	1510	6" Water line	61	LF	\$	-
5325800000-E	U	1510	8" Water line	2,169	LF	\$	-
5326200000-E	U	1510	12" Water line	2,123	LF	\$	-
5326600000-E	U	1510	16" Water line	349	LF	\$	-
5540000000-E	U	1515	6" Valve	3	EA	\$	-
5546000000-E	U	1515	8" Valve	4	EA	\$	-
5558000000-E	U	1515	12" Valve	2	EA	\$	-
5571600000-E	U	1515	6" Tapping Sleeve and Valve	1	EA	\$	-
5571800000-E	U	1515	8" Tapping Sleeve and Valve	2	EA	\$	-
5643100000-E	U	1515	3/4" water meter	1	EA	\$	-
5648000000-N	U	1515	Relocated Water meter	4	EA	\$	-
5649000000-N	U	1515	Reconnect Water Meter	2	EA	\$	-
5666000000-N	U	1515	Fire Hydrant	4	EA	\$	-
5673000000-E	U	1515	Fire Hydrant Leg	46	LF	\$	-
5686000000-E	U	1515	2" Water Service Line	360	LF	\$	-

North Carolina Department of Transportation
Preliminary Estimate

TIP No. **1-5972**
Route: US 70
From:
Typical Section: 4-Lane Median Divided

Final Plans

County: Johnson

CONSTR. COST
\$0

Prepared By: RK&K Engineers 7/10/23
Requested By:
Priced By:

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
5686500000-E	U	1515	Water Service Line	176	LF		\$ -
5768000000-N	U	1510	Sanitary Sewer Clean out	2	EA		\$ -
5768500000-N	U	1520	6" Sewer Service Line	54	LF		\$ -
5769000000-N	U	1520	Ductile Iron Sewer Pipe Fittings	25	LB		\$ -
5775000000-E	U	1525	4' Dia Utility Manhole	1	EA		\$ -
5798000000-E	U	1530	Abandon 2" Utility Pipe	363	LF		\$ -
5800000000-E	U	1530	Abandon 6" Utility Pipe	112	LF		\$ -
5801000000-E	U	1530	Abandon 8" Utility Pipe	1,064	LF		\$ -
5815000000-N	U	1530	Remove Water Meter	1	EA		\$ -
5815500000-N	U	1530	Remove Fire Hydrant	2	EA		\$ -
5816000000-N	U	1530	Abandon Utility Manhole	1	EA		\$ -
5835700000-E	U	1540	16" Encasement Pipe	553	LF		\$ -
5836000000-E	U	1540	24" Encasement Pipe	127	LF		\$ -
2830000000-N	D	858	Adjustment of Manhole	2	EA		\$ -
2845000000-N	D	858	Adjustment of Meter Box or Valve Box	1	EA		\$ -
5329000000-E	U	1510	Ductie Iron Water Pipe Fittings	4,980	LB		\$ -
5872500000-E	U	1550	Bore and Jack 16"	553	LF		\$ -
5872500000-E	U	1550	Bore and Jack 24"	127	LF		\$ -
5872600000-E	U	1550	Directional Drilling of 16"	349	LF		\$ -
			STRUCTURES				
	B		-Y1- Bridge Sta. 35+83.00 to 38+04.00 (89.1' wide x 221' long)	19,687	SF		\$ -
8035000000-N	B	40	Removal of Existing Structure at Station 36+93.50 -Y1-	1	LS		\$ -
8065000000-N	B	SP	Asbestos Assessment	1	LS		\$ -
8091000000-N	B	410	Foundation Excavation for Bent 1 at Station 36+93.50 -Y1-	1	LS		\$ -
8112730000-N	B	450	PDA Testing	1	EA		\$ -
8147000000-E	B	420	Reinforced Concrete Deck Slab	19,441	SF		\$ -
8161000000-E	B	420	Grooving Bridge Floors	20,634	SF		\$ -
8182000000-E	B	420	Class A Concrete (Bridge)	452.5	CY		\$ -
8210000000-N	B	SP	Bridge Approach Slabs (2 @ 87.17' wide x 25' long)	4,358	SF		\$ -
8217000000-E	B	425	Reinforcing Steel (Bridge)	65,182	LB		\$ -
8238000000-E	B	425	Spiral Column Reinforcing (Bridge)	2,613	LB		\$ -
8265000000-E	B	430	54" Prestressed Concrete Girders	2,366.38	LF		\$ -
8328200000-E	B	450	Pile Driving Equipment Setup for HP 12x53 Steel Piles	78	EA		\$ -
8364000000-E	B	450	HP 12x53 Steel Piles	3,645	LF		\$ -
8391000000-N	B	450	Steel Pile Points	15	EA		\$ -
8475000000-E	B	460	Two Bar Metal Rail	420.89	LF		\$ -
8517000000-E	B	460	1'-2" x 2'-6" Concrete Parapet	225.74	LF		\$ -
8517000000-E	B	460	1'-2" x 3'-2 3/4" Concrete Parapet	218.24	LF		\$ -
8531000000-E	B	462	4" Slope Protection	89	SY		\$ -
8657000000-N	B	430	Elastomeric Bearings	1	LS		\$ -
8699000000-N	B	SP	Strip Seals	1	LS		\$ -
	C	SP	RCBC 2 @ 8.0' x 5.0'	66	LF		\$ -
8126000000-N	C	414	Culvert Excavation, Sta. 17+30.70 -Y2-	1	LS		\$ -
8133000000-E	C	414	Foundation Conditioning Material, Box Culvert	102	TON		\$ -
8196000000-E	C	420	Class A Concrete (Culvert)	145.6	CY		\$ -
8245000000-E	C	425	Reinforcing Steel (Culvert)	19,835	LB		\$ -
8801000000-E	W	SP	MSE Retaining Wall No. 1	5,933	SF		\$ -
8801000000-E	W	SP	MSE Retaining Wall No. 2	5,209	SF		\$ -
			Misc. & Mob (10% Strs&Util)				\$ -
			Misc. & Mob (25% Roadway)				\$ -

Lgth 0.667 Miles

Contract Cost \$ -
E. & C. 15% \$ -

North Carolina Department of Transportation
Preliminary Estimate

TIP No. **I-5972**
 Route: US 70
 From:
 Typical Section: 4-Lane Median Divided

Final Plans

County: Johnson

CONSTR. COST
\$0

Prepared By: RK&K Engineers 7/10/23
 Requested By:
 Priced By:

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
Construction Cost							\$ -