

**SAINT LOUIS COUNTY DEPARTMENT OF TRANSPORTATION  
 BID TABULATION**

PROJECT: 2016 ITS PROGRAM - NORTH CENTRAL COUNTY & 2016 ITS PROGRAM - NORTHEAST COUNTY  
 ST. LOUIS COUNTY PROJECT NO.: AR-1503 & AR-1521  
 FEDERAL PROJECT NO.: CMAQ-9900(659) & CMAQ-4900(626)  
 DATE OF BIDS RECEIVED: 8/30/2017

Item Number	Description	Unit	TGB, Inc.			Meyer Electric Company, Inc.		Reinhold Electric, Inc.		Gerstner Electric Inc.	
			Quantity	Unit Price	Calculated Total	Unit Price	Calculated Total	Unit Price	Calculated Total	Unit Price	Calculated Total
<b>ROADWAY ITEMS (AR-1503)</b>											
405-30.11	Type "C" Bituminous Concrete (Shoulder)	Ton	1.3	\$445.00	\$578.50	\$2,500.00	\$3,250.00	\$350.00	\$455.00	\$250.00	\$325.00
612-30.10	Standard Traffic Control Devices	L.S.	1	\$22,000.00	\$22,000.00	\$9,800.00	\$9,800.00	\$2,500.00	\$2,500.00	\$12,144.00	\$12,144.00
613-40.10	Dowel Bar Retrofit	Each	24	\$60.00	\$1,440.00	\$51.00	\$1,224.00	\$300.00	\$7,200.00	\$1.00	\$24.00
619-00.00	Mobilization	L.S.	1	\$34,000.00	\$34,000.00	\$73,000.00	\$73,000.00	\$58,000.00	\$58,000.00	\$41,545.40	\$41,545.40
806-00.00	Erosion Control Measures (Sites less than 1 acre)	L.S.	1	\$100.00	\$100.00	\$7,652.00	\$7,652.00	\$100.00	\$100.00	\$100.00	\$100.00
806-45.00	Inlet Protection	L.S.	1	\$100.00	\$100.00	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$100.00	\$100.00
<b>SUBTOTAL ROADWAY ITEMS (AR-1503)</b>					\$58,218.50		\$95,926.00		\$68,355.00		\$54,238.40

<b>STRUCTURAL ITEMS (AR-1503)</b>											
703-20.02	Class "B" Concrete (Miscellaneous)	C.Y.	1.8	\$1,900.00	\$3,420.00	\$230.00	\$414.00	\$2,500.00	\$4,500.00	\$3,400.00	\$6,120.00
710-60.00	Reinforcing Steel (Epoxy-Coated) (Grade 60)	Lbs.	100	\$12.00	\$1,200.00	\$72.00	\$7,200.00	\$5.00	\$500.00	\$1.00	\$100.00
<b>SUBTOTAL STRUCTURAL ITEMS (AR-1503)</b>					\$4,620.00		\$7,614.00		\$5,000.00		\$6,220.00

<b>COUNTY TRAFFIC SIGNAL ITEMS (AR-1503)</b>											
904-43.48	Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 58"H x 30"W x 17"D, Wired for 4 Phase Operation) w/Internal Fiber Optic Modem and Termination Housing, TS2, Type 2	Each	4	\$15,500.00	\$62,000.00	\$17,010.00	\$68,040.00	\$15,750.00	\$63,000.00	\$16,293.00	\$65,172.00
904-43.88	Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 55"H x 44"W x 26"D, Wired for 8 Phase Operation) w/Internal Fiber Optic Modem and Termination Housing, TS2, Type 2, w/Battery Backup	Each	6	\$20,200.00	\$121,200.00	\$20,700.00	\$124,200.00	\$20,900.00	\$125,400.00	\$21,403.00	\$128,418.00
904-46.30	Fiber Optic Cable Termination Housing, in Aluminum Cabinet Approx. 36"H x 24"W x 22"D, Ground Mounted	Each	2	\$4,380.00	\$8,760.00	\$5,461.00	\$10,922.00	\$4,500.00	\$9,000.00	\$4,512.00	\$9,024.00
904-49.35	Detector, Vehicle Induction Loop, Card Rack Mtg., 2 Channel, w/Delay and Extension Timing and Relay Outputs	Each	36	\$150.00	\$5,400.00	\$167.00	\$6,012.00	\$140.00	\$5,040.00	\$1.75	\$63.00
904-51.00	Conduit, 1"	L.F.	40	\$7.50	\$300.00	\$5.00	\$200.00	\$10.00	\$400.00	\$9.30	\$372.00
904-52.00	Conduit, 2"	L.F.	23603	\$7.25	\$171,121.75	\$4.85	\$114,474.55	\$9.50	\$224,228.50	\$9.60	\$226,588.80
904-54.00	Conduit, 4"	L.F.	48	\$18.00	\$864.00	\$8.00	\$384.00	\$35.00	\$1,680.00	\$13.40	\$643.20
904-74.99	Conduit Repair (locate broken conduit, excavate, remove existing cable, repair/replace conduit, reinstall cable, backfill and restore) (Does not include sidewalk or pavement removal and replacement)	Each	1	\$750.00	\$750.00	\$380.00	\$380.00	\$1,000.00	\$1,000.00	\$741.00	\$741.00
904-82.06	Cable, Power, #6 Gauge, 1 Conductor	L.F.	220	\$1.50	\$330.00	\$1.00	\$220.00	\$0.50	\$110.00	\$1.45	\$319.00
904-83.05	Cable, Signal, #14 Gauge, 5 Conductor	L.F.	160	\$1.75	\$280.00	\$1.05	\$168.00	\$1.50	\$240.00	\$1.75	\$280.00
904-83.07	Cable, Signal, #14 Gauge, 7 Conductor	L.F.	410	\$1.95	\$799.50	\$1.20	\$492.00	\$1.50	\$615.00	\$2.00	\$820.00
904-84.00	Wire, Stranded Ground, #6 Gauge	L.F.	110	\$1.15	\$126.50	\$1.00	\$110.00	\$0.50	\$55.00	\$1.40	\$154.00
904-85.05	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Conduit and Pull Boxes)	L.F.	90	\$1.45	\$130.50	\$1.20	\$108.00	\$1.00	\$90.00	\$0.50	\$45.00
904-85.06	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Sawed Slot)	L.F.	700	\$8.95	\$6,265.00	\$5.00	\$3,500.00	\$4.00	\$2,800.00	\$7.00	\$4,900.00
904-85.18	Cable, Push Button and/or Detector Loop Lead-In, #18 Gauge, 2 Conductor (Shielded)	L.F.	3640	\$0.65	\$2,366.00	\$0.67	\$2,438.80	\$1.00	\$3,640.00	\$0.95	\$3,458.00
904-85.36	Cable, Communication, Fiber Optic, 36 Fibers (30 Single-Mode and 6 Multi-Mode)	L.F.	29970	\$2.30	\$68,931.00	\$3.98	\$119,280.60	\$3.50	\$104,895.00	\$3.10	\$92,907.00
904-86.01	Power Supply Assembly, on Wood Utility Pole, 120/240 Volt	Each	1	\$1,440.00	\$1,440.00	\$2,626.00	\$2,626.00	\$2,000.00	\$2,000.00	\$1,295.00	\$1,295.00
904-89.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete	Each	66	\$1,000.00	\$66,000.00	\$820.00	\$54,120.00	\$850.00	\$56,100.00	\$915.00	\$60,390.00
904-90.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete w/1' Concrete Apron	Each	6	\$1,235.00	\$7,410.00	\$995.00	\$5,970.00	\$1,000.00	\$6,000.00	\$988.00	\$5,928.00
904-91.00	Pad, Controller, Concrete	Each	2	\$1,000.00	\$2,000.00	\$1,950.00	\$3,900.00	\$200.00	\$400.00	\$735.00	\$1,470.00
904-91.84	Base, Type D-4PH, Concrete	Each	1	\$2,260.00	\$2,260.00	\$1,846.00	\$1,846.00	\$800.00	\$800.00	\$2,375.00	\$2,375.00
904-91.90	Base, Type E-3, Concrete	Each	2	\$1,850.00	\$3,700.00	\$2,150.00	\$4,300.00	\$800.00	\$1,600.00	\$1,969.00	\$3,938.00
904-91.98	Preformed Base, Controller, (40"Wx58"Lx24"H) Reinforced Polymer Concrete	Each	1	\$2,200.00	\$2,200.00	\$1,950.00	\$1,950.00	\$1,500.00	\$1,500.00	\$1,971.00	\$1,971.00
904-91.99	Preformed Base, Controller (24"W x 36"L x 18"H), Reinforced Polymer Concrete	Each	1	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,520.00	\$1,520.00
904-95.10	Opening Drilled in Existing Concrete Pull Box	Each	17	\$295.00	\$5,015.00	\$175.00	\$2,975.00	\$50.00	\$850.00	\$126.00	\$2,142.00
904-95.30	Removal of Preformed Pull Box	Each	9	\$175.00	\$1,575.00	\$200.00	\$1,800.00	\$100.00	\$900.00	\$179.00	\$1,611.00
904-96.20	Removal of Concrete Base	Each	1	\$1,000.00	\$1,000.00	\$700.00	\$700.00	\$600.00	\$600.00	\$325.00	\$325.00
904-96.22	Removal of Preformed Controller Base	Each	1	\$500.00	\$500.00	\$250.00	\$250.00	\$100.00	\$100.00	\$141.00	\$141.00
904-97.33	Removal of Existing Controller Cabinet	Each	10	\$400.00	\$4,000.00	\$576.00	\$5,760.00	\$70.00	\$700.00	\$126.00	\$1,260.00
904-97.40	Removal of Signal Post	Each	2	\$300.00	\$600.00	\$700.00	\$1,400.00	\$100.00	\$200.00	\$52.00	\$104.00 *(1)
904-97.43	Removal of Power Supply Assembly	Each	1	\$500.00	\$500.00	\$768.00	\$768.00	\$100.00	\$100.00	\$202.00	\$202.00
904-98.89	Relocation of Existing Signal Cables	L.F.	1302	\$2.00	\$2,604.00	\$0.70	\$911.40	\$1.50	\$1,953.00	\$1.65	\$2,148.30
906-92.00	School Zone Beacon Wireless Communication Equipment (Installed by Others)	Each	2	\$4,875.00	\$9,750.00	\$5,800.00	\$11,600.00	\$6,000.00	\$12,000.00	\$5,350.00	\$10,700.00
<b>SUBTOTAL COUNTY TRAFFIC SIGNAL ITEMS (AR-1503)</b>					\$561,978.25		\$553,306.35		\$629,496.50		\$631,425.30 *(2)

<b>PEDESTRIAN AND BICYCLE ITEMS (AR-1503)</b>											
608-60.94	Remove and Replace Concrete Sidewalk (4" Thick)	S.Y.	380	\$90.00	\$34,200.00	\$210.00	\$79,800.00	\$65.00	\$24,700.00	\$143.00	\$54,340.00
<b>SUBTOTAL PEDESTRIAN AND BICYCLE ITEMS (AR-1503)</b>					\$34,200.00		\$79,800.00		\$24,700.00		\$54,340.00

**PROJECT SUBTOTAL (AR-1503) \$659,016.75 \$736,646.35 \$727,551.50 \$746,223.70 \*(3)**

<b>ROADWAY ITEMS (AR-1521)</b>											
405-30.11	Type "C" Bituminous Concrete (Shoulder)	Ton	4	\$445.00	\$1,780.00	\$2,500.00	\$10,000.00	\$350.00	\$1,400.00	\$250.00	\$1,000.00
612-30.10	Standard Traffic Control Devices	L.S.	1	\$30,800.00	\$30,800.00	\$9,800.00	\$9,800.00	\$2,500.00	\$2,500.00	\$12,144.00	\$12,144.00
613-40.10	Dowel Bar Retrofit	Each	33	\$60.00	\$1,980.00	\$51.00	\$1,683.00	\$300.00	\$9,900.00	\$1.00	\$33.00
619-00.00	Mobilization	L.S.	1	\$40,500.00	\$40,500.00	\$73,000.00	\$73,000.00	\$58,000.00	\$58,000.00	\$41,545.40	\$41,545.40
806-00.00	Erosion Control Measures (Sites less than 1 acre)	L.S.	1	\$100.00	\$100.00	\$7,652.00	\$7,652.00	\$100.00	\$100.00	\$100.00	\$100.00
806-45.00	Inlet Protection	L.S.	1	\$100.00	\$100.00	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$100.00	\$100.00
<b>SUBTOTAL ROADWAY ITEMS (AR-1521)</b>					\$75,260.00		\$103,135.00		\$72,000.00		\$54,922.40

<b>STRUCTURAL ITEMS (AR-1521)</b>											
703-20.02	Class "B" Concrete (Miscellaneous)	C.Y.	1.6	\$1,900.00	\$3,040.00	\$230.00	\$368.00	\$2,500.00	\$4,000.00	\$3,690.00	\$5,904.00
710-60.00	Reinforcing Steel (Epoxy-Coated) (Grade 60)	Lbs.	100	\$12.00	\$1,200.00	\$72.00	\$7,200.00	\$5.00	\$500.00	\$1.00	\$100.00
<b>SUBTOTAL STRUCTURAL ITEMS (AR-1521)</b>					\$4,240.00		\$7,568.00		\$4,500.00		\$6,004.00

<b>COUNTY TRAFFIC SIGNAL ITEMS (AR-1521)</b>											
904-43.48	Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 58"H x 30"W x 17"D, Wired for 4 Phase Operation) w/Internal Fiber Optic Modem and Termination Housing, TS2, Type 2	Each	4	\$15,500.00	\$62,000.00	\$17,010.00	\$68,040.00	\$15,750.00	\$63,000.00	\$16,293.00	\$65,172.00
904-43.88	Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 55"H x 44"W x 26"D, Wired for 8 Phase Operation) w/Internal Fiber Optic Modem and Termination Housing, TS2, Type 2, w/Battery Backup	Each	7	\$20,200.00	\$141,400.00	\$20,700.00	\$144,900.00	\$20,900.00	\$146,300.00	\$21,403.00	\$149,821.00
904-45.01	Controller Unit Only, w/Internal Fiber Optic Modem, TS2, Type 2	Each	2	\$4,200.00	\$8,400.00	\$4,800.00	\$9,600.00	\$4,690.00	\$9,380.00	\$4,512.00	\$9,024.00
904-46.30	Fiber Optic Cable Termination Housing, in Aluminum Cabinet Approx. 36"H x 24"W x 22"D, Ground Mounted	Each	2	\$4,380.00	\$8,760.00	\$5,461.00	\$10,922.00	\$4,500.00	\$9,000.00	\$4,660.00	\$9,320.00

904-49.35	Detector, Vehicle Induction Loop, Card Rack Mtg., 2 Channel, w/Delay and Extension Timing and Relay Outputs	Each	35	\$150.00	\$5,250.00	\$167.00	\$5,845.00	\$140.00	\$4,900.00	\$175.00	\$6,125.00
904-51.00	Conduit, 1"	L.F.	110	\$7.50	\$825.00	\$5.00	\$550.00	\$6.00	\$660.00	\$9.30	\$1,023.00
904-51.50	Conduit, 1-1/2"	L.F.	12	\$7.75	\$93.00	\$8.00	\$96.00	\$10.00	\$120.00	\$11.30	\$135.60
904-52.00	Conduit, 2"	L.F.	42521	\$7.25	\$308,277.25	\$4.85	\$206,226.85	\$9.50	\$403,949.50	\$9.60	\$408,201.60
904-52.02	Conduit, 2" on Bridge Structure	L.F.	451	\$28.00	\$12,628.00	\$25.44	\$11,473.44	\$35.00	\$15,785.00	\$27.50	\$12,402.50
904-54.00	Conduit, 4"	L.F.	130	\$16.00	\$2,080.00	\$7.00	\$910.00	\$38.00	\$4,940.00	\$26.60	\$3,458.00
904-74.99	Conduit Repair (locate broken conduit, excavate, remove existing cable, repair/replace conduit, reinstall cable, backfill and restore) (Does not include sidewalk or pavement removal and replacement)	Each	1	\$750.00	\$750.00	\$380.00	\$380.00	\$1,000.00	\$1,000.00	\$741.00	\$741.00
904-82.06	Cable, Power, #6 Gauge, 1 Conductor	L.F.	410	\$1.50	\$615.00	\$1.00	\$410.00	\$0.50	\$205.00	\$1.40	\$574.00
904-83.05	Cable, Signal, #14 Gauge, 5 Conductor	L.F.	290	\$1.75	\$507.50	\$1.05	\$304.50	\$1.50	\$435.00	\$1.75	\$507.50
904-83.07	Cable, Signal, #14 Gauge, 7 Conductor	L.F.	750	\$1.95	\$1,462.50	\$1.20	\$900.00	\$1.50	\$1,125.00	\$2.00	\$1,500.00
904-84.00	Wire, Stranded Ground, #6 Gauge	L.F.	140	\$1.15	\$161.00	\$1.00	\$140.00	\$0.50	\$70.00	\$1.40	\$196.00
904-85.05	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Conduit and Pull Boxes)	L.F.	340	\$1.45	\$493.00	\$1.00	\$340.00	\$1.00	\$340.00	\$0.50	\$170.00
904-85.06	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Sawed Slot)	L.F.	2050	\$8.95	\$18,347.50	\$4.40	\$9,020.00	\$3.50	\$7,175.00	\$7.00	\$14,350.00
904-85.18	Cable, Push Button and/or Detector Loop Lead-In, #18 Gauge, 2 Conductor (Shielded)	L.F.	10410	\$0.65	\$6,766.50	\$0.67	\$6,974.70	\$1.00	\$10,410.00	\$0.95	\$9,889.50
904-85.36	Cable, Communication, Fiber Optic, 36 Fibers (30 Single-Mode and 6 Multi-Mode)	L.F.	47010	\$2.30	\$108,123.00	\$3.98	\$187,099.80	\$3.50	\$164,535.00	\$3.20	\$150,432.00
904-86.01	Power Supply Assembly, on Wood Utility Pole, 120/240 Volt	Each	2	\$1,440.00	\$2,880.00	\$2,626.00	\$5,252.00	\$2,000.00	\$4,000.00	\$1,295.00	\$2,590.00
904-88.01	Pull Box, Single, Concrete	Each	3	\$2,800.00	\$8,400.00	\$2,900.00	\$8,700.00	\$1,600.00	\$4,800.00	\$2,158.00	\$6,474.00
904-89.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete	Each	63	\$1,000.00	\$63,000.00	\$820.00	\$51,660.00	\$850.00	\$53,550.00	\$915.00	\$57,645.00
904-90.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete w/1' Concrete Apron	Each	75	\$1,235.00	\$92,625.00	\$995.00	\$74,625.00	\$1,000.00	\$75,000.00	\$988.00	\$74,100.00
904-91.00	Pad, Controller, Concrete	Each	3	\$1,000.00	\$3,000.00	\$1,950.00	\$5,850.00	\$200.00	\$600.00	\$735.00	\$2,205.00
904-91.84	Base, Type D-4PH, Concrete	Each	2	\$2,260.00	\$4,520.00	\$1,846.00	\$3,692.00	\$800.00	\$1,600.00	\$2,375.00	\$4,750.00
904-91.90	Base, Type E-3, Concrete	Each	2	\$1,850.00	\$3,700.00	\$2,150.00	\$4,300.00	\$800.00	\$1,600.00	\$1,969.00	\$3,938.00
904-91.99	Preformed Base, Controller (24"W x 36"L x 18"H), Reinforced Polymer Concrete	Each	1	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,474.00	\$1,474.00
904-95.10	Opening Drilled in Existing Concrete Pull Box	Each	21	\$295.00	\$6,195.00	\$150.00	\$3,150.00	\$50.00	\$1,050.00	\$126.00	\$2,646.00
904-95.30	Removal of Preformed Pull Box	Each	9	\$175.00	\$1,575.00	\$200.00	\$1,800.00	\$70.00	\$630.00	\$179.00	\$1,611.00
904-96.10	Conduit Connection to Existing Concrete Base	Each	4	\$300.00	\$1,200.00	\$300.00	\$1,200.00	\$200.00	\$800.00	\$424.00	\$1,696.00
904-96.22	Removal of Preformed Controller Base	Each	1	\$500.00	\$500.00	\$250.00	\$250.00	\$100.00	\$100.00	\$325.00	\$325.00
904-97.33	Removal of Existing Controller Cabinet	Each	13	\$400.00	\$5,200.00	\$576.00	\$7,488.00	\$70.00	\$910.00	\$141.00	\$1,833.00
904-97.43	Removal of Power Supply Assembly	Each	2	\$500.00	\$1,000.00	\$768.00	\$1,536.00	\$100.00	\$200.00	\$171.00	\$342.00
904-98.60	Relocation of Existing Push Button	Each	1	\$300.00	\$300.00	\$195.00	\$195.00	\$105.00	\$105.00	\$119.00	\$119.00
904-98.89	Relocation of Existing Signal Cables	L.F.	550	\$2.00	\$1,100.00	\$0.70	\$385.00	\$2.00	\$1,100.00	\$1.65	\$907.50
904-99.14	Ethernet Switch	Each	2	\$1,400.00	\$2,800.00	\$1,980.00	\$3,960.00	\$1,500.00	\$3,000.00	\$1,006.00	\$2,012.00
906-92.00	School Zone Beacon Wireless Communication Equipment (Installed by Others)	Each	6	\$4,875.00	\$29,250.00	\$5,800.00	\$34,800.00	\$5,800.00	\$34,800.00	\$5,350.00	\$32,100.00
<b>SUBTOTAL COUNTY TRAFFIC SIGNAL ITEMS (AR-1521)</b>					\$915,984.25		\$874,475.29		\$1,028,674.50		\$1,039,810.20

**PEDESTRIAN AND BICYCLE ITEMS (AR-1521)**

608-60.94	Remove and Replace Concrete Sidewalk (4" Thick)	S.Y.	370.9	\$90.00	\$33,381.00	\$210.00	\$77,889.00	\$65.00	\$24,108.50	\$143.00	\$53,038.70
<b>SUBTOTAL PEDESTRIAN AND BICYCLE ITEMS (AR-1521)</b>					\$33,381.00		\$77,889.00		\$24,108.50		\$53,038.70

**PROJECT SUBTOTAL (AR-1521)**

\$1,028,865.25      \$1,063,067.29      \$1,129,283.00      \$1,153,775.30

**PROJECT TOTAL**

\$1,687,882.00      \$1,799,713.64      \$1,856,834.50      \$1,899,999.00 \*(4)

Corrected From: \$126.00 \*(1)  
Corrected From: \$631,447.30 \*(2)  
Corrected From: \$746,245.70 \*(3)  
Corrected From: \$1,900,021.00 \*(4)

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