

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
107-02.00	1	EACH	Railroad Permits, Agreements, and Licenses
107-02.01	1	L.S.	Railroad Permits, Agreements, and Licenses
201-10.96	1	L.S.	Remove and Replace Stone Masonry Wall
201-20.10	1	L.S.	Clearing and Grubbing
201-20.14	1	INCH	Tree Removal
201-20.22	1	EACH	Tree Removal, 6"-15"
201-20.23	1	EACH	Tree Removal, Over 15"
201-40.30	1	L.S.	Tagging, Marking, Removing and Resetting Headstones
201-40.31	1	L.S.	Exhumation, Transfer, and Re-interment of a Known Number of Graves
201-40.32	1	EACH	Exhumation, Transfer, and Re-interment of an Unknown Number of Graves
202-20.10	1	L.S.	Removal of Improvements
202-22.10	1	EACH	Removal of Buildings
202-22.11	1	L.S.	Asbestos Project Notification
202-22.12	1	EACH	Removal of Building Foundation
202-22.15	1	L.F.	Removal of Asbestos (Pipe Insulation)
202-22.16	1	S.F.	Removal of Asbestos (Floor and Ceiling Tile)
202-22.18	1	EACH	Asbestos Abatement
202-22.20	1	L.S.	Removal of M.S.D. Lift Station
202-22.25	1	L.S.	Removal of Existing Floodwall and Appurtenances
202-22.30	1	S.Y.	Removal of Rigid Pavement
202-22.40	1	L.F.	Removal of Concrete Curb and Gutter
202-22.94	1	L.F.	Sawcut (4" Sidewalk)
202-22.95	1	L.F.	Sawcut (Any Depth/Material)
202-22.96	1	L.F.	Sawcut (Concrete Pavement, 6" or Greater)
202-40.00	1	L.S.	Removal and Replacement of Railroad Crossing
202-40.01	1	L.S.	Removal of Railroad Crossing
203-10.00	0.1	C.Y.	Class "A" Excavation
203-10.30	1	L.S.	Land Disturbance Permits
203-10.60	1	C.Y.	Borrow Material
203-10.70	1	C.Y.	Clean Class "A" Fill
203-20.00	1	C.Y.	Rock Excavation

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203-23.05	1	EACH	Utility Test Hole, <5' depth
203-23.10	1	EACH	Utility Test Hole, >5' depth
203-40.10	1	L.S.	Removal and Disposal of Railroad Ties (Special Waste)
203-50.00	1	C.Y.	Unclassified Excavation
203-60.00	1	C.Y.	Compacting Embankment
203-60.10	1	C.Y.	Removal of Unsuitable Material
203-60.20	1	C.Y.	Excavation and Backfill for Unsuitable Material
203-70.00	1	C.Y.	Compacting in Cut
203-80.00	1	STA.	Subgrade Preparation
203-99.91	1	C.Y.	Removal and Disposal of Contaminated Soil (Special Waste), 0-500 C.Y.
203-99.92	1	C.Y.	Removal and Disposal of Contaminated Soil (Special Waste), Over 500 C.Y.
203-99.93	1	C.Y.	Removal and Disposal of Contaminated Soil (Hazardous Waste), 0-100 C.Y.
203-99.94	1	C.Y.	Removal and Disposal of Contaminated Soil (Hazardous Waste), Over 100 C.Y.
203-99.98	1	L.S.	Limestone Preparation
203-99.99	0.1	C.Y.	Reverse Filter
204-20.10	1	EACH	Settlement Monuments
204-30.10	1	EACH	Pore Pressure Measuring Devices, Type "A"
204-30.20	1	EACH	Pore Pressure Measuring Devices, Type"B"
204-40.01	1	L.S.	Removal and Replacement of Railroad Signal and Gates
204-40.02	1	L.S.	Removal and Replacement of Railroad Rail Switch
204-60.10	0.5	C.Y.	Embankment in Place
205-00.00	1	S.Y.	Modified Subgrade
206-00.99	1	C.Y.	Class 4 Excavation in Levee
206-10.01	0.5	C.Y.	Class 1 Excavation in Rock
207-10.00	0.1	STA.	Linear Grading, Class 1
207-20.00	0.1	STA.	Linear Grading, Class 2
211-10.00	0.1	STA.	Subgrade Scarifying (4")
216-10.00	0.1	STA.	Grading, Shaping and Compacting
217-20.00	0.1	STA.	Ditching
217-20.10	1	L.S.	Establish Positive Drainage to Area Inlet With Berms and-or Ditching, Convert Area Inlet to Open 3 Sides, and Sod Area
220-10.00	1	S.Y.	Geosynthetic Reinforced Soil Slope System

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
290-99.90	1	EACH	Trench Block
290-99.95	1	L.F.	Trench Liner
304-00.02	0.1	TON	River Gravel (1/2" Clean)
304-00.99	1	S.Y.	Aggregate Base, Special, 6" Thick
304-05.00	1	TON	Type 5 Aggregate Base
304-05.04	0.1	S.Y.	Type 5 Aggregate Base (4" Thick)
304-05.06	0.1	S.Y.	Type 5 Aggregate Base (6" Thick)
304-05.07	0.1	S.Y.	Type 5 Aggregate Base (7" Thick)
304-05.08	0.1	S.Y.	Type 5 Aggregate Base (8" Thick)
304-90.02	1	S.Y.	Rock Base Preparation and Stabilization
310-10.02	0.1	TON	Gravel (A)
310-20.02	0.1	TON	Crushed Stone (B)
310-30.05	0.1	S.Y.	Clean Crushed Stone (2-1/2 Inch)
310-80.01	0.1	S.Y.	Salvaged Surfacing
310-90.00	1	S.F.	Geosynthetic Porous Pavement System
403-99.10	1	S.Y.	System A Geosynthetic Interlayer (Non-Woven Paving Fabric)
403-99.20	1	S.Y.	System B Geosynthetic Interlayer (Composite Paving Fabric/Reinforcing Grid)
403-99.30	1	S.Y.	System C, Class 1 Geosynthetic Paving Mat Interlayer (Paving Mat)
403-99.40	1	S.Y.	System C, Class 2 Geosynthetic Paving Mat Interlayer (Paving Mat)
404-03.02	0.1	TON	Mineral Aggregate (Asphaltic Concrete), Type "B" Mix
404-03.03	0.1	TON	Mineral Aggregate (Asphaltic Concrete), Type "C" Mix
404-03.04	0.1	TON	Mineral Aggregate (Asphaltic Concrete), Type "D" Mix
404-09.03	0.1	TON	Superpave Asphaltic Concrete Mixture SP95 (PG 70-22)C
404-09.04	0.1	TON	Superpave Asphaltic Concrete Mixture SP95 (PG70-22)D
404-09.09	0.1	TON	Superpave Asphaltic Concrete Mixture SP95 (PG76-22)C
404-09.51	0.1	TON	Superpave Asphaltic Concrete Mixture SP95 (PG 64-22)C
404-12.51	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)C
404-12.52	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)D
404-12.55	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)B
404-12.56	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)C
404-12.58	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)E

# *St. Louis County Department of Transportation*

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*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
404-12.59	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)F
404-12.60	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)B
404-12.61	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)C
404-12.62	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)D
404-12.63	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)E
404-12.64	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)F
404-12.66	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)CLP
404-12.67	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)DLP
404-12.68	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)ELP
404-12.71	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)CLP
404-12.72	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)DLP
404-12.73	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)ELP
404-12.76	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)CLP
404-12.77	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)DLP
404-12.78	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)ELP
404-12.80	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)BLS
404-12.81	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)CLS
404-12.82	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)DLS
404-12.83	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)ELS
404-12.84	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)FLS
404-12.85	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)BLS
404-12.86	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)CLS
404-12.87	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)DLS
404-12.88	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)ELS
404-12.89	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)FLS
404-12.90	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)BLS
404-12.91	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)CLS
404-12.92	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)DLS
404-12.93	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)ELS
404-12.94	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)FLS
404-19.01	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 64-22)C

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
404-19.02	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 64-22)D
404-19.03	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 64-22)E
404-19.04	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 64-22)F
404-19.05	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)B
404-19.06	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)C
404-19.07	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)D
404-19.08	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)E
404-19.09	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)F
404-19.10	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 76-22)B
404-19.11	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 76-22)C
404-19.12	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 76-22)D
404-19.13	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 76-22)E
404-19.14	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 76-22)F
404-19.20	1	S.Y.	Polypropylene Fabric
404-21.29	0.1	TON	Superpave Asphaltic Concrete Mixture SP48 (PG 70-22)D (Wedge and Level)
404-21.30	0.1	TON	Superpave Asphaltic Concrete Mixture SP48 (PG 70-22)E (Wedge and Level)
404-21.33	0.1	TON	Superpave Asphaltic Concrete Mixture SP95 (PG 70-22)C (Wedge and Level)
404-21.34	0.1	TON	Superpave Asphaltic Concrete Mixture SP95 (PG 70-22)D (Wedge and Level)
404-21.38	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)C (Wedge and Level)
404-21.39	0.1	TON	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)D (Wedge and Level)
404-21.43	0.1	TON	Superpave Asphaltic Concrete Mixture SP190 (PG 70-22)C (Wedge and Level)
404-22.51	0.1	TON	Fiber Reinforced Superpave Asphaltic Concrete Mixture SP125 (PG 64-22)C
404-22.71	0.1	TON	Fiber Reinforced Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)CLP
404-30.10	0.1	TON	Type "C" Asphaltic Concrete
404-30.20	0.1	TON	Type "B" Asphaltic Concrete
404-30.32	0.1	TON	Porphyry Superpave Asphaltic Concrete Mixture SP125(PG 70-22)
404-50.10	0.1	TON	Asphaltic Concrete Sidewalk
404-90.20	0.1	TON	Special Asphaltic Concrete (Limestone/Porphyry)
405-30.10	0.1	TON	Type "C" Bituminous Concrete (Pavement)
405-30.11	0.1	TON	Type "C" Bituminous Concrete (Shoulder)
405-30.15	0.1	TON	Type "C" Bituminous Concrete (Wedge and Level)

# *St. Louis County Department of Transportation*

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*Friday, February 16, 2024*

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405-30.20	0.1	TON	Type "D" Bituminous Concrete (Pavement)
405-30.25	0.1	S.Y.	Asphalt Pavement Repair, (Full Depth)
405-30.26	0.1	S.Y.	Asphalt Base Repair, (Full Depth)
405-30.30	0.1	TON	Type "X" Bituminous Concrete (Base)
405-30.90	0.1	S.Y.	Remove and Replace Asphalt Gutter
405-50.01	0.1	TON	Pervious Asphalt
407-10.10	10	GAL.	Tack-Liquid Asphalt
407-10.11	10	GAL.	Tack-Liquid Asphalt (RC-70)
407-10.12	10	GAL.	Tack-Liquid Asphalt (MC-30)
407-10.13	10	GAL.	Tack-Liquid Asphalt (MC-70)
407-10.15	10	GAL.	Tack-Liquid Asphalt (PG64-22)
407-10.20	10	GAL.	Tack-Emulsified Asphalt (RS-1)
407-10.26	10	GAL.	Tack-Emulsified Asphalt (SS-1)
407-10.27	10	GAL.	Tack-Emulsified Asphalt (SS-1H)
407-10.28	10	GAL.	Tack-Emulsified Asphalt (CSS-1)
407-10.29	10	GAL.	Tack-Emulsified Asphalt (CSS-1H)
407-10.30	10	GAL.	Tack Coat - Low Tracking
407-10.40	10	GAL.	Tack-Refined Tars
407-10.99	10	GAL.	Liquid Emulsion (CRS-2P), Aggregate Seal Coat
408-10.10	10	GAL.	Prime-Liquid Asphalt
408-10.11	10	GAL.	Prime-Liquid Asphalt (RC70)
408-10.12	10	GAL.	Prime-Liquid Asphalt (RC250)
408-10.13	10	GAL.	Prime-Liquid Asphalt (RC800)
408-10.14	10	GAL.	Prime-Liquid Asphalt (RC3000)
408-10.15	10	GAL.	Prime-Liquid Asphalt (MC30)
408-10.16	10	GAL.	Prime-Liquid Asphalt (MC70)
408-10.17	10	GAL.	Prime-Liquid Asphalt (MC250)
408-10.18	10	GAL.	Prime-Liquid Asphalt (MC800)
408-10.19	10	GAL.	Prime-Liquid Asphalt (MC3000)
408-10.20	10	GAL.	Prime-Emulsified Asphalt
408-10.40	10	GAL.	Prime-Refined Tars

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
409-10.10	0.1	TON	Bituminous Material (Seal Coat), Liquid Asphalt
409-10.14	0.1	TON	Bituminous Material (Seal Coat), Liquid Asphalt (RC3000)
409-10.25	0.1	TON	Bituminous Material (Seal Coat), Liquid Asphalt (MC3000)
409-10.30	10	GAL.	Bituminous Material (Seal Coat), Asphalt Cement (40-50 Penetration)
409-10.32	10	GAL.	Bituminous Material (Seal Coat), Asphalt Cement (60-70 Penetration)
409-10.33	10	GAL.	Bituminous Material (Seal Coat), Asphalt Cement (70-85 Penetration)
409-10.34	10	GAL.	Bituminous Material (Seal Coat), Asphalt Cement (85-100 Penetration)
409-10.35	10	GAL.	Bituminous Material (Seal Coat), Asphalt Cement (120-150 Penetration)
409-10.37	10	GAL.	Bituminous Material (Seal Coat), Asphalt Cement (200-300 Penetration)
409-10.40	0.1	TON	Bituminous Material (Seal Coat), Emulsified Asphalt
409-10.41	0.1	TON	Bituminous Material (Seal Coat), Emulsified Asphalt (RS-1)
409-10.42	0.1	TON	Bituminous Material (Seal Coat), Emulsified Asphalt (RS-2)
409-10.48	0.1	TON	Bituminous Material (Seal Coat), Emulsified Asphalt (CRS-1)
409-10.49	0.1	TON	Bituminous Material (Seal Coat), Emulsified Asphalt (CRS-2)
409-10.90	1	S.Y.	Coated Haydite Expanded Shale Lightweight Aggregate (Cover Aggregate - Seal Coat)
409-10.96	1	S.Y.	Type A1 Trap Rock (Cover Aggregate - Seal Coat)
409-10.97	1	S.Y.	Type A2 Trap Rock (Cover Aggregate - Seal Coat)
409-10.98	1	S.Y.	Porphyry Trap Rock (Cover Aggregate - Seal Coat)
409-10.99	10	GAL.	Asphalt Emulsion Filler/Sealer
409-11.90	1	S.Y.	Coal Tar Emulsion Sealer (Parking Lot)
409-15.10	10	GAL.	Polymer Modified Asphalt (Bridge Seal Coat)
409-15.20	10	GAL.	Polymer Modified Asphalt Cement (AC-15-5TR)
409-15.25	10	GAL.	Polymer Modified Asphalt Cement (AC-20-5TR)
409-15.30	10	GAL.	Polymer Modified Asphalt Emulsion (CRS-2P)
409-15.31	10	GAL.	Polymer Modified Asphalt Emulsion (CHFRS-2P)
409-15.32	10	GAL.	Cationic Polymer Modified Emulsion Membrane (CPEM-1)
409-20.11	1	C.Y.	Aggregate for Seal Coat, Grade 1
409-20.12	1	TON	Aggregate for Seal Coat, Grade 1
409-20.21	1	C.Y.	Aggregate for Seal Coat, Grade 2
409-20.22	1	TON	Aggregate for Seal Coat, Grade 2
409-20.31	1	C.Y.	Aggregate for Seal Coat, Grade 3

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*Friday, February 16, 2024*

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409-20.32	1	TON	Aggregate for Seal Coat, Grade 3
409-20.41	1	C.Y.	Aggregate for Seal Coat, Grade 4
409-20.42	1	TON	Aggregate for Seal Coat, Grade 4
409-20.51	1	C.Y.	Aggregate for Seal Coat, Grade 5
409-20.52	1	TON	Aggregate for Seal Coat, Grade 5
409-20.61	1	C.Y.	Aggregate for Seal Coat, Grade 6
409-20.62	1	TON	Aggregate for Seal Coat, Grade 6
409-20.71	1	C.Y.	Aggregate for Seal Coat, Grade 7
409-20.72	1	TON	Aggregate for Seal Coat, Grade 7
409-20.81	1	C.Y.	Aggregate for Seal Coat, Grade 8
409-20.82	1	TON	Aggregate for Seal Coat, Grade 8
409-20.91	1	C.Y.	Aggregate for Seal Coat, Grade 9
409-20.92	1	TON	Aggregate for Seal Coat, Grade 9
409-25.92	0.1	TON	Cover Aggregate (Bridge Seal Coat)
409-90.00	1	S.Y.	Latex Modified Slurry Seal (Microsurfacing)
409-90.01	1	S.Y.	Latex Modified Slurry Seal, 1 Lift (Microsurfacing)
409-90.02	1	S.Y.	Latex Modified Slurry Seal, 2 Lifts (Microsurfacing)
409-91.00	1	S.Y.	Wheel Path Depressions (Ruts), (Microsurfacing)
410-10.00	1	S.Y.	Bituminous Surface (Bridge Deck)
411-10.00	10	GAL.	Asphalt Filler
412-10.00	1	S.Y.	Pavement Surfacing and Texturing
412-10.02	1	S.Y.	Pavement Surfacing and Texturing (0" to 2"), Concrete or Asphalt
412-10.04	1	S.Y.	Pavement Surfacing and Texturing (0" to 4"), Concrete or Asphalt
412-10.06	1	S.Y.	Pavement Surfacing and Texturing (0" to 6"), Concrete or Asphalt
412-10.10	1	S.Y.	Pavement Surfacing and Texturing, Micro Milling
412-10.50	1	S.Y.	Pavement Surfacing and Texturing (Depth Transition)
412-10.60	0.1	S.Y.	Pavement Surfacing and Texturing (Concrete Speed Hump Installation)
412-20.30	1	S.Y.	Pavement Surfacing and Texturing, 30" Width
412-20.72	1	S.Y.	Pavement Surfacing and Texturing, 72" Width
412-20.84	1	S.Y.	Pavement Surfacing and Texturing, 84" Width
413-10.00	1	TON	Asphaltic Concrete Incorporating Salvaged Bituminous Material



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413-50.00	1	S.Y.	Heater-Scarifying
413-50.05	10	GAL.	Asphalt Modifier (Rejuvenating Agent)
414-10.00	0.1	MILE	Crack Sealing
414-10.10	0.1	MILE	Crackseal, ARS Roads
414-10.20	0.1	MILE	Crackseal, CRS Roads
414-10.30	1	S.Y.	Restorative Seal-Crack Filler
414-10.90	1	L.F.	Cracksealing (Parking Lots)
414-30.00	1	S.Y.	Ultrathin Bonded Wearing Surface, Type A
414-31.00	1	S.Y.	Ultrathin Bonded Wearing Surface, Type B
414-32.00	1	S.Y.	Ultrathin bonded Wearing Surface, Type C
414-39.00	1	S.Y.	Filling Surface Irregularities for UBWC (Greater than 1" Depth)
415-11.00	1	EACH	Precast Concrete Railroad Crossing
415-12.00	1	L.S.	At Grade Railroad Crossing
416-00.00	1	S.Y.	Full Depth Reclamation
420-90.01	1	S.Y.	Glass Grid Composite Pavement Interlayer
502-10.02	0.1	S.Y.	Permeable Interlocking Concrete Pavement
502-10.06	0.1	S.Y.	Concrete Pavement (6" Non-reinforced), High Early Strength
502-10.07	0.1	S.Y.	Concrete Pavement (7" Non-reinforced), High Early Strength
502-10.08	0.1	S.Y.	Concrete Pavement (8" Non-reinforced), High Early Strength
502-10.16	0.1	S.Y.	Concrete Pavement (6" Non-reinforced), Very Early Strength
502-10.17	0.1	S.Y.	Concrete Pavement (7" Non-reinforced), Very Early Strength
502-10.18	0.1	S.Y.	Concrete Pavement (8" Non-reinforced), Very Early Strength
502-10.36	0.1	S.Y.	Remove and Replace Concrete Pavement (6" Non-reinforced), High Early Strength
502-10.37	0.1	S.Y.	Remove and Replace Concrete Pavement (7" Non-reinforced), High Early Strength
502-10.38	0.1	S.Y.	Remove and Replace Concrete Pavement (8" Non-reinforced), High Early Strength
502-10.39	0.1	S.Y.	Remove and Replace Concrete Pavement (9" Non-reinforced), High Early Strength
502-10.56	0.1	S.Y.	Remove and Replace Concrete Pavement (6" Non-reinforced), Very Early Strength
502-10.57	0.1	S.Y.	Remove and Replace Concrete Pavement (7" Non-reinforced), Very Early Strength
502-10.58	0.1	S.Y.	Remove and Replace Concrete Pavement (8" Non-reinforced), Very Early Strength
502-10.59	0.1	S.Y.	Remove and Replace Concrete Pavement (9" Non-reinforced), Very Early Strength
502-11.04	0.1	S.Y.	Concrete Pavement (4" Non-reinforced)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
502-11.06	0.1	S.Y.	Concrete Pavement (6" Non-reinforced)
502-11.07	0.1	S.Y.	Concrete Pavement (7" Non-reinforced)
502-11.08	0.1	S.Y.	Concrete Pavement (8" Non-reinforced)
502-11.09	0.1	S.Y.	Concrete Pavement (9" Non-reinforced)
502-11.10	0.1	S.Y.	Concrete Pavement (10" Non-reinforced)
502-11.11	0.1	S.Y.	Concrete Pavement (11" Non-reinforced)
502-11.12	0.1	S.Y.	Concrete Pavement (12" Non-reinforced)
502-11.13	0.1	S.Y.	Concrete Pavement (13.5" Non-reinforced)
502-11.20	0.1	S.Y.	Concrete Pavement (Variable Thickness Non-reinforced)
502-11.40	0.1	S.Y.	Exposed Aggregate Concrete Pavement (8" Non-reinforced)
502-11.66	0.1	S.Y.	Remove and Replace Concrete Pavement (6" Non-reinforced)
502-11.67	0.1	S.Y.	Remove and Replace Concrete Pavement (7" Non-reinforced)
502-11.68	0.1	S.Y.	Remove and Replace Concrete Pavement (8" Non-reinforced)
502-11.69	0.1	S.Y.	Remove and Replace Concrete Pavement (9" Non-reinforced)
502-11.76	0.1	S.Y.	Remove and Replace Concrete Pavement (6" Non-reinforced), Includes Curbs
502-11.77	0.1	S.Y.	Remove and Replace Concrete Pavement (7" Non-reinforced), Includes Curbs
502-11.78	0.1	S.Y.	Remove and Replace Concrete Pavement (8" Non-reinforced), Includes Curbs
502-11.79	0.1	S.Y.	Remove & Replace Concrete Pavement (9" Non-reinforced), Includes Curbs
502-11.86	0.1	S.Y.	Remove and Replace Concrete Pavement (6" Non-reinforced), Excludes Curbs
502-11.87	0.1	S.Y.	Remove and Replace Concrete Pavement (7" Non-reinforced), Excludes Curbs
502-11.88	0.1	S.Y.	Remove and Replace Concrete Pavement (8" Non-reinforced), Excludes Curbs
502-11.89	0.1	S.Y.	Remove and Replace Concrete Pavement (9" Non-reinforced), Excludes Curbs
502-11.99	0.1	S.Y.	Remove and Replace 6"-13" Non-reinforced Concrete Pavement (Includes Curbs)
502-12.06	0.1	S.Y.	Concrete Pavement (6" Reinforced)
502-12.07	0.1	S.Y.	Concrete Pavement (7" Reinforced)
502-12.08	0.1	S.Y.	Concrete Pavement (8" Reinforced)
502-12.11	0.1	S.Y.	Concrete Pavement (11" Reinforced)
502-12.12	0.1	S.Y.	Concrete Pavement (12" Reinforced)
502-12.42	0.1	S.Y.	Concrete Pavement (12" Reinforced), Very Early Strength
502-12.48	0.1	S.Y.	Concrete Pavement (8" Reinforced), High Early Strength
502-12.49	0.1	S.Y.	Concrete Pavement (9" Reinforced), High Early Strength

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
502-12.57	0.1	S.Y.	Imprinted Colored Concrete Pavement (7" Non-reinforced)
502-12.58	0.1	S.Y.	Imprinted Colored Concrete Pavement (8" Non-reinforced)
502-13.99	0.1	S.Y.	Bonded Concrete Overlay
502-19.18	0.1	S.Y.	Fiber Mesh Reinforced Concrete Pavement (8"), High Early Strength
502-19.85	0.1	S.Y.	Fiber Mesh Reinforced Concrete Pavement (10")
502-19.86	0.1	S.Y.	Fiber Mesh Reinforced Concrete Pavement (10"), High Early Strength
502-20.00	0.1	S.Y.	Concrete Inlay
502-21.08	0.1	S.Y.	Longitudinal Concrete Pavement Repair (8" Non-reinforced)
502-22.08	0.1	S.Y.	Longitudinal Concrete Pavement Repair (8" Reinforced)
502-50.20	1	EACH	Pavement Lugs (20')
502-50.26	1	EACH	Pavement Lugs (26')
502-50.38	1	EACH	Pavement Lugs (38')
502-90.00	1	L.F.	Expansion Joint Filler Strip (1" Thickness)
502-98.96	0.1	S.Y.	Remove and Replace Concrete Pavement (6" Non-Reinforced), Excludes Curb (Bonus/Penalty)
502-98.97	0.1	S.Y.	Remove and Replace Concrete Pavement (7" Non-Reinforced), Excludes Curb (Bonus/Penalty)
502-98.98	0.1	S.Y.	Remove and Replace Concrete Pavement (8" Non-Reinforced), Excludes Curb (Bonus/Penalty)
502-98.99	0.1	S.Y.	Remove and Replace Concrete Pavement (9" Non-Reinforced), Excludes Curb (Bonus/Penalty)
502-99.96	0.1	S.Y.	Remove and Replace Concrete Pavement (6" Non-reinforced), Includes Curb (Bonus/Penalty)
502-99.97	0.1	S.Y.	Remove and Replace Concrete Pavement (7" Non-reinforced), Includes Curb (Bonus/Penalty)
502-99.98	0.1	S.Y.	Remove and Replace Concrete Pavement (8" Non-reinforced), Includes Curb (Bonus/Penalty)
502-99.99	0.1	S.Y.	Remove and Replace Concrete Pavement (9" Non-reinforced), Includes Curb (Bonus/Penalty)
503-10.10	0.1	S.Y.	Railroad Approach Slab
504-10.20	0.1	S.Y.	Concrete Bridge Approach Pavement
509-10.08	0.1	S.Y.	Concrete Base (8", Non-Reinforced), Very Early Strength
509-10.09	0.1	S.Y.	Concrete Base (9" Non-reinforced), Very Early Strength
509-10.10	0.1	S.Y.	Concrete Base (10" Non-reinforced), Very Early Strength
509-10.18	0.1	S.Y.	Concrete Base (8" Non-reinforced), High Early Strength
509-10.19	0.1	S.Y.	Concrete Base (9" Non-reinforced), High Early Strength

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
509-10.20	0.1	S.Y.	Concrete Base (10" Non-reinforced), High Early Strength
509-10.30	1	S.Y.	Concrete Base (Variable Thickness Non-reinforced), Very Early Strength
509-10.40	1	S.Y.	Concrete Base (Variable Thickness Non-reinforced), High Early Strength
509-11.06	0.1	S.Y.	Concrete Base (6" Non-reinforced)
509-11.07	0.1	S.Y.	Concrete Base (7" Non-reinforced)
509-11.08	0.1	S.Y.	Concrete Base (8" Non-reinforced)
509-11.09	0.1	S.Y.	Concrete Base (9" Non-reinforced)
509-11.10	0.1	S.Y.	Concrete Base (10" Non-reinforced)
509-11.11	0.1	S.Y.	Concrete Base (11" Non-reinforced)
509-11.13	0.1	S.Y.	Concrete Base (13.5" Non-reinforced)
509-11.20	0.1	S.Y.	Concrete Base (Variable Thickness Non-reinforced)
509-12.06	0.1	S.Y.	Concrete Base (6" Reinforced)
509-12.07	0.1	S.Y.	Concrete Base (7" Reinforced)
509-12.08	0.1	S.Y.	Concrete Base (8" Reinforced)
509-12.09	0.1	S.Y.	Concrete Base (9" Reinforced)
509-12.10	0.1	S.Y.	Concrete Base (10" Reinforced)
509-12.18	0.1	S.Y.	Longitudinal Concrete Base Repair (8" Reinforced)
509-12.38	0.1	S.Y.	Concrete Base (8" Reinforced), Very Early Strength
509-12.39	0.1	S.Y.	Concrete Base (9" Reinforced), Very Early Strength
509-12.40	0.1	S.Y.	Concrete Base (10" Reinforced), Very Early Strength
509-13.06	0.1	S.Y.	Concrete Base Widening (6" Non-reinforced)
509-13.07	0.1	S.Y.	Concrete Base Widening (7" Non-reinforced)
509-13.08	0.1	S.Y.	Concrete Base Widening (8" Non-reinforced)
509-13.09	0.1	S.Y.	Concrete Base Widening (9" Non-reinforced)
509-13.10	0.1	S.Y.	Concrete Base Widening (10" Non-reinforced)
509-13.11	0.1	S.Y.	Concrete Base Widening (11" Non-reinforced)
509-14.06	0.1	S.Y.	Concrete Base Widening (6" Reinforced)
509-14.07	0.1	S.Y.	Concrete Base Widening (7" Reinforced)
509-14.08	0.1	S.Y.	Concrete Base Widening (8" Reinforced)
509-14.09	0.1	S.Y.	Concrete Base Widening (9" Reinforced)
509-14.10	0.1	S.Y.	Concrete Base Widening (10" Reinforced)

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
509-15.06	0.1	S.Y.	Concrete Base Repair (6" Non-reinforced, Removal and Replacement), Excludes Curb
509-15.07	0.1	S.Y.	Concrete Base Repair (7" Non-reinforced, Removal and Replacement), Excludes Curb
509-15.08	0.1	S.Y.	Concrete Base Repair (8" Non-reinforced, Removal and Replacement), Excludes Curb
509-15.09	0.1	S.Y.	Concrete Base Repair (9" Non-reinforced, Removal and Replacement), Excludes Curb
509-15.10	0.1	S.Y.	Concrete Base Repair (10" Non-reinforced, Removal and Replacement), Excludes Curb
509-15.11	0.1	S.Y.	Concrete Base Repair (11" Non-reinforced, Removal and Replacement), Excludes Curb
509-15.12	0.1	S.Y.	Concrete Base Repair (12" Non-reinforced, Removal and Replacement), Excludes Curb
509-16.06	0.1	S.Y.	Concrete Base Repair (6" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.07	0.1	S.Y.	Concrete Base Repair (7" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.08	0.1	S.Y.	Concrete Base Repair (8" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.09	0.1	S.Y.	Concrete Base Repair (9" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.10	0.1	S.Y.	Concrete Base Repair (10" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.11	0.1	S.Y.	Concrete Base Repair (11" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.12	0.1	S.Y.	Concrete Base Repair (12" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.13	0.1	S.Y.	Concrete Base Repair (13" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.14	0.1	S.Y.	Concrete Base Repair (14" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.15	0.1	S.Y.	Concrete Base Repair (15" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.16	0.1	S.Y.	Concrete Base Repair (16" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.17	0.1	S.Y.	Concrete Base Repair (17" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-16.18	0.1	S.Y.	Concrete Base Repair (18" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength
509-17.06	0.1	S.Y.	Concrete Base Repair (6" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-17.07	0.1	S.Y.	Concrete Base Repair (7" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-17.08	0.1	S.Y.	Concrete Base Repair (8" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
509-17.09	0.1	S.Y.	Concrete Base Repair (9" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-17.10	0.1	S.Y.	Concrete Base Repair (10" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-17.11	0.1	S.Y.	Concrete Base Repair (11" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-17.12	0.1	S.Y.	Concrete Base Repair (12" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-17.13	0.1	S.Y.	Concrete Base Repair (13" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-17.14	0.1	S.Y.	Concrete Base Repair (14" Non-reinforced, Removal and Replacement), Excludes Curb, High Early Strength
509-18.06	0.1	S.Y.	Concrete Base Repair (6" Non-reinforced, Removal and Replacement), Includes Curb
509-18.07	0.1	S.Y.	Concrete Base Repair (7" Non-reinforced, Removal and Replacement), Includes Curb
509-18.08	0.1	S.Y.	Concrete Base Repair (8" Non-reinforced, Removal and Replacement), Includes Curb
509-18.09	0.1	S.Y.	Concrete Base Repair (9" Non-reinforced, Removal and Replacement), Includes Curb
509-18.10	0.1	S.Y.	Concrete Base Repair (10" Non-reinforced, Removal and Replacement), Includes Curb
509-19.06	0.1	S.Y.	Concrete Base Repair (6" Non-reinforced, Removal and Replacement), Includes Curb, Very Early Strength
509-19.07	0.1	S.Y.	Concrete Base Repair (7" Non-reinforced, Removal and Replacement), Includes Curb, Very Early Strength
509-19.08	0.1	S.Y.	Concrete Base Repair (8" Non-reinforced, Removal and Replacement), Includes Curb, Very Early Strength
509-19.09	0.1	S.Y.	Concrete Base Repair (9" Non-reinforced, Removal and Replacement), Includes Curb, Very Early Strength
509-19.10	0.1	S.Y.	Concrete Base Repair (10" Non-reinforced, Removal and Replacement), Includes Curb, Very Early Strength
509-20.06	0.1	S.Y.	Concrete Base Repair (6" Non-reinforced, Removal and Replacement), Includes Curb, High Early Strength
509-20.07	0.1	S.Y.	Concrete Base Repair (7" Non-reinforced, Removal and Replacement), Includes Curb, High Early Strength
509-20.08	0.1	S.Y.	Concrete Base Repair (8" Non-reinforced, Removal and Replacement), Includes Curb, High Early Strength
509-20.09	0.1	S.Y.	Concrete Base Repair (9" Non-reinforced, Removal and Replacement), Includes Curb, High Early Strength
509-20.10	0.1	S.Y.	Concrete Base Repair (10" Non-reinforced, Removal and Replacement), Includes Curb, High Early Strength
509-30.06	0.1	S.Y.	Concrete Shoulder (6" Non-Reinforced), Excludes Curb
510-10.01	1	L.S.	Pavement Core Drill (Trailer-Mounted), Non-Returnable
510-10.02	1	EACH	Concrete Maturity Meter (CMM) Temperature Monitoring System, Non-Returnable

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
510-10.03	1	EACH	Super Air Meter (SAM), Non-Returnable
603-10.09	1	EACH	Expose Water Service House Leads (Less than 2")
603-10.10	1	L.F.	Relocating House Water Service Lead
603-10.20	1	EACH	Relocating Water Service Valve and Box
603-10.21	1	EACH	Adjust Water Service Meter
603-10.25	1	EACH	Relocating Water Service Meter and Box
603-10.26	1	EACH	Relocating Backflow Preventer Valve
603-10.30	1	EACH	Adjust Water Service Valve and Box to Grade
603-10.35	1	EACH	Adjust Water Service Valve Box to Grade
603-10.40	1	EACH	Adjust Water Service Meter Box to Grade
603-10.45	1	EACH	Replace water service valve box and adjust to grade
603-10.50	1	EACH	Adjust Sprinkler Head to Grade
603-10.90	1	EACH	Expose Water Service House Leads (2" or Greater)
603-15.09	1	EACH	Water Service Appurtenance Installation (2" or Greater)
603-15.10	1	EACH	Water Service Appurtenance Installation
603-15.11	1	EACH	Detector Check
603-20.10	1	L.F.	Water Line (2" or Greater)
603-20.35	1	L.F.	Relocating Water Service Connections (2" or Greater)
603-20.70	1	EACH	Adjust Water Service Valve Box to Grade (2" or Greater)
603-20.80	1	EACH	Relocate Pyramid Box and Appurtenances
603-20.81	1	EACH	Adjust Pyramid Box to Grade
603-20.85	1	EACH	Water Vault
603-20.90	1	EACH	Adjust Water Vault to Grade
603-20.91	1	EACH	Adjust Water Vault to Grade (2" or Greater)
603-20.95	1	EACH	Relocate Water Vault and Appurtenances
603-20.99	1	EACH	Destroy Water Service Appurtenance
603-30.10	1	L.F.	Conduit Encasement
603-30.20	1	L.F.	Conduit Encasement (Reinforced Concrete)
603-70.90	1	EACH	Adjust City of St. Louis Water Company Structure to Grade
603-80.00	1	C.Y.	Rock Excavation (Trenching in Water Line)
603-90.01	1	EACH	Water Service Valve and Box

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
603-90.03	1	EACH	Water Service Meter and Box
603-90.04	1	L.F.	Water Line (Less than 2")
603-95.20	1	L.F.	20" Steel Casing Pipe
603-95.24	1	L.F.	24" Steel Casing Pipe
603-95.60	1	L.F.	60" Steel Casing Pipe
603-96.00	1	EACH	Freeze-less Yard Hydrant
603-97.10	1	EACH	Irrigation Power Supply Assembly
603-97.30	1	EACH	Irrigation Water Supply Assembly
603-97.40	1	L.F.	Irrigation Water Service Line, Copper
603-98.00	1	EACH	Irrigation Heads
603-98.01	1	L.F.	Irrigation Lateral Line
603-98.02	1	L.F.	Irrigation Main Line, PVC
603-98.03	1	EACH	Irrigation Backflow Preventer Assembly
603-98.04	1	EACH	Irrigation Shut Off Valve
603-98.05	1	EACH	Irrigation Master Control Valve
603-98.06	1	EACH	Irrigation Controller
603-98.07	1	EACH	Irrigation Quick Coupler
603-98.08	1	EACH	Irrigation Zone Control Valve
603-98.10	1	EACH	Irrigation Flush Valve
603-98.21	1	EACH	Irrigation Pop-Up Spray Head
603-98.40	1	L.F.	Steel Sleeve for Irrigation System
603-98.50	1	L.F.	PVC Sleeve for Irrigation System
603-99.90	1	S.Y.	Irrigation System
603-99.91	1	L.S.	Irrigation System
603-99.92	1	S.Y.	Irrigation System, Dripline
603-99.99	1	L.S.	Miscellaneous Irrigation System Modifications
604-01.12	1	EACH	Concrete Headwall (12" Pipe)
604-01.15	1	EACH	Concrete Headwall (15" Pipe)
604-01.18	1	EACH	Concrete Headwall (18" Pipe)
604-01.21	1	EACH	Concrete Headwall (21" Pipe)
604-01.24	1	EACH	Concrete Headwall (24" Pipe)



# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
604-01.27	1	EACH	Concrete Headwall (27" Pipe)
604-01.30	1	EACH	Concrete Headwall (30" Pipe)
604-01.33	1	EACH	Concrete Headwall (33" Pipe)
604-01.36	1	EACH	Concrete Headwall (36" Pipe)
604-01.42	1	EACH	Concrete Headwall (42" Pipe)
604-01.48	1	EACH	Concrete Headwall (48" Pipe)
604-01.54	1	EACH	Concrete Headwall (54" Pipe)
604-01.60	1	EACH	Concrete Headwall (60" Pipe)
604-01.66	1	EACH	Concrete Headwall (66" Pipe)
604-01.72	1	EACH	Concrete Headwall (72" Pipe)
604-05.08	1	EACH	8" Yard Inline Drain
604-05.10	1	EACH	10" Yard Inline Drain
604-05.12	1	EACH	12" Yard Inline Drain
604-05.18	1	EACH	18" Yard Inline Drain
604-06.08	1	EACH	8" Yard Drain Rodent Guard
604-10.10	1	EACH	10" Yard Drain Basin
604-10.12	1	EACH	12" Yard Drain Basin
604-10.24	1	EACH	24" Yard Drain Basin
604-11.10	1	EACH	Drop Inlet
604-12.01	1	EACH	Single Curb Inlet, Untrapped
604-12.02	1	EACH	Double Curb Inlet, Untrapped
604-12.03	1	EACH	Multiple Curb Inlet, Untrapped
604-12.04	1	EACH	Canted Inlet, Untrapped
604-12.05	1	EACH	Single Curb Inlet, Untrapped (Special)
604-13.01	1	EACH	Single Curb Inlet, Trapped
604-13.02	1	EACH	Double Curb Inlet, Trapped
604-13.03	1	EACH	Multiple Curb Inlet, Trapped
604-13.20	1	EACH	Junction Chamber
604-13.30	1	EACH	Detention Pond Outfall Structure
604-13.40	1	EACH	Observation Well
604-14.01	1	EACH	Area Inlet, Single, Open 1 Side, Untrapped

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
604-14.02	1	EACH	Area Inlet, Single, Open 2 Sides, Untrapped
604-14.03	1	EACH	Area Inlet, Single, Open 3 Sides, Untrapped
604-14.04	1	EACH	Area Inlet, Single, Open 4 Sides, Untrapped
604-15.01	1	EACH	Area Inlet, Double, Open 1 Side, Untrapped
604-15.02	1	EACH	Area Inlet, Double, Open 2 Sides, Untrapped
604-15.03	1	EACH	Area Inlet, Double, Open 3 Sides, Untrapped
604-15.04	1	EACH	Area Inlet, Double, Open 4 Sides, Untrapped
604-16.01	1	EACH	Area Inlet, Single, Open 1 Side, Trapped
604-16.02	1	EACH	Area Inlet, Single, Open 2 Sides, Trapped
604-16.03	1	EACH	Area Inlet, Single, Open 3 Sides, Trapped
604-16.04	1	EACH	Area Inlet, Single, Open 4 Sides, Trapped
604-16.51	1	EACH	Area Inlet, Double, Open 1 Side, Trapped
604-16.52	1	EACH	Area Inlet, Double, Open 2 Sides, Trapped
604-16.53	1	EACH	Area Inlet, Double, Open 3 Sides, Trapped
604-16.54	1	EACH	Area Inlet, Double, Open 4 Sides, Trapped
604-16.98	1	EACH	Roof Drain Pop-Up Emitter
604-16.99	1	EACH	Roof Drain Connection
604-17.00	1	EACH	Cleanout
604-17.10	1	EACH	Adjust Sanitary Sewer Cleanout to Grade
604-17.95	1	EACH	Relocate Cleanout
604-17.99	1	EACH	Basket Grate Inlet
604-18.01	1	EACH	1-Grate Inlet, Untrapped
604-18.02	1	EACH	2-Grate Inlet, Untrapped
604-18.03	1	EACH	3-Grate Inlet, Untrapped
604-18.04	1	EACH	4-Grate Inlet, Untrapped
604-18.06	1	EACH	6-Grate Inlet, Untrapped
604-18.08	1	EACH	8-Grate Inlet, Untrapped
604-19.01	1	EACH	1-Grate Inlet, Trapped
604-19.02	1	EACH	2-Grate Inlet, Trapped
604-19.03	1	EACH	3-Grate Inlet, Trapped
604-19.04	1	EACH	4-Grate Inlet, Trapped

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
604-19.06	1	EACH	6-Grate Inlet, Trapped
604-19.08	1	EACH	8-Grate Inlet, Trapped
604-19.18	1	EACH	Type S-1 Inlet
604-19.20	1	EACH	Type S-3 Inlet
604-19.22	1	EACH	2-Grate Inlet, with Side Intake Unit, Untrapped
604-19.24	1	EACH	4-Grate Inlet, with Side Intake Units, Untrapped
604-19.27	1	EACH	Manhole
604-19.28	1	EACH	Reinforced Concrete Manhole
604-19.29	1	EACH	Manhole, Lock Type Cover
604-19.32	1	EACH	2-Grate Inlet, with Side Intake Unit, Trapped
604-19.34	1	EACH	4-Grate Inlet, with Side Intake Unit, Trapped
604-19.60	1	EACH	Sidewalk Bridge Drain
604-19.70	1	EACH	Curb Opening Drain
604-19.80	1	L.S.	Trench Drain
604-19.82	1	L.F.	Special Trench Frame and Cover, 2'-3' Wide
604-19.84	1	L.F.	Special Trench Frame and Cover, 4' or Wider
604-20.01	1	EACH	Curb Inlet Sump Cover, Single
604-20.02	1	EACH	Curb Inlet Sump Cover, Multiple
604-20.03	1	EACH	Curb Inlet Sump Cover, Canted
604-20.10	1	EACH	Steel Curb Inlet Sump Cover, Single (Includes Skid Resistant Coating)
604-20.11	1	EACH	Steel Curb Inlet Sump Cover, Double (Includes Skid Resistant Coating)
604-20.20	1	EACH	Adjusting Basin or Inlet
604-20.21	1	EACH	Rebuild Single Curb Inlet
604-20.22	1	EACH	Rebuild Double Curb Inlet
604-20.23	1	EACH	Rebuild Manhole
604-20.24	1	EACH	Rebuild Area Inlet
604-20.25	1	EACH	Adjust Oval Grate Inlet to Grade
604-20.26	1	EACH	Adjust Grate Inlet to Grade
604-20.27	1	EACH	Replace Inlet Grates and Adjust to Grade
604-20.28	1	EACH	Rebuild Grate Inlet
604-20.30	1	EACH	Adjusting Manhole to Grade

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
604-20.31	1	EACH	Grout and Seal Manhole
604-20.32	1	EACH	Relocate Handholds In Structure
604-20.40	1	EACH	Adjusting Lift Station Manhole to Grade
604-20.50	1	EACH	Adjusting Manhole to Grade, Lock Type Cover
604-20.95	1	EACH	Rack Manhole
604-21.95	1	EACH	Replace Precast Inlet Top
604-21.98	1	EACH	Heavy Duty 8" Inlet Stone
604-22.19	1	EACH	Grated Trough (19')
604-22.25	1	EACH	Grated Trough (25')
604-22.26	1	EACH	Grated Trough (26')
604-22.27	1	EACH	Grated Trough (27')
604-22.28	1	EACH	Grated Trough (28')
604-22.32	1	EACH	Grated Trough (32')
604-22.37	1	EACH	Grated Trough (37')
604-22.39	1	EACH	Grated Trough (39')
604-22.40	1	EACH	Grated Trough (40')
604-22.42	1	EACH	Grated Trough (42')
604-22.45	1	EACH	Grated Trough (45')
604-22.63	1	EACH	Grated Trough (63')
604-22.64	1	EACH	Grated Trough (64')
604-23.04	1	EACH	Hydrodynamic Separator (4')
604-23.06	1	EACH	Hydrodynamic Separator (6')
604-23.08	1	EACH	Hydrodynamic Separator (8')
604-24.10	1	EACH	Reinforced Concrete Drop Inlet
604-25.40	1	EACH	Convert Inlet to Manhole and Adjust to Grade
604-25.41	1	EACH	Convert Grated Inlet to Area Inlet and Adjust to Grade
604-26.10	1	EACH	Convert Inlet to Grated Inlet and Adjust to Grade
604-26.50	1	EACH	Convert Curb Inlet to Area Inlet and Adjust to Grade
604-27.00	1	EACH	Convert Area Inlet to Double Area Inlet and Adjust to Grade
604-27.10	1	EACH	Convert Area Inlet to Curb Inlet and Adjust to Grade
604-27.20	1	EACH	Convert Double Area Inlet to Double Curb Inlet and Adjust to Grade

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
604-27.43	1	EACH	Convert Manhole to Inlet and Adjust to Grade
604-27.44	1	EACH	Convert Manhole to 2-Grate Inlet and Adjust to Grade
604-28.24	1	EACH	24" PVC Drain Basin (With Solid Cover)
604-28.30	1	EACH	30" PVC Drain Basin (With Solid Cover)
604-29.00	1	EACH	Manhole Tee
604-30.00	1	EACH	Expose Sanitary Sewer
604-30.05	1	EACH	Foulwater Drop Manhole
604-30.07	1	L.F.	Adjusting House Sewer Connections
604-30.10	1	L.F.	Adjusting House Sewer Connections (10")
604-30.12	1	L.F.	Adjusting House Sewer Connections (12")
604-30.20	1	EACH	Encasement for House Sewers
604-30.95	1	EACH	6" PVC Drop Tee
604-31.00	1	EACH	Expose and Remove Abandoned Sanitary Sewer Lateral, and Cap Sanitary Main
604-32.00	1	EACH	Permanent Sanitary Sewer Cap
604-33.00	1	EACH	Adjust Sewer Vent
604-34.00	1	EACH	Camera Inspection of Sewer Line
604-35.95	1	V.F.	Clean, Tuckpoint, Plaster and Repair Existing Drainage Structures
604-39.90	1	EACH	Connect Residence to Sanitary Sewer
604-40.01	1	EACH	Pipe Collar, Type "A" (Metal)
604-40.02	1	EACH	Pipe Collar, Type "B" (Metal)
604-40.11	1	EACH	Pipe Collar, Type "A" (Concrete)
604-40.12	1	EACH	Pipe Collar, Type "B" (Concrete)
604-40.50	1	EACH	Anti-Seepage Collar
604-52.10	1	EACH	Connecting Pipe to Existing Structure (36" or Greater)
604-52.99	1	EACH	Connecting Pipe to Existing Structure
604-80.06	1	L.F.	Slotted Drain (6")
604-80.12	1	L.F.	Slotted Drain (12")
604-90.40	1	EACH	Adjust Inlet Stone to Grade
604-90.50	1	EACH	Replace Precast Inlet Stone and Adjust to Grade
604-90.52	1	EACH	Replace Inlet Sill
604-90.54	1	EACH	Clean Storm Sewer Drainage Structures

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
604-90.55	1	EACH	Replace Inlet Lid
604-90.91	1	EACH	Manhole Restoration / Lining
604-90.94	1	EACH	Remove and Replace Manhole Steps
604-90.95	1	S.Y.	Remove and Replace Existing Concrete Sump (Includes Curb)
604-90.96	1	L.S.	Clean and Flush Storm Sewer Drainage Structures and Pipes
604-99.99	1	L.S.	Rehab Existing Storm Sewer System
605-10.10	1	L.F.	Class "A" Underdrain
605-30.10	1	L.F.	Class "C" Underdrain (Tile)
605-30.20	1	L.F.	Class "C" Underdrain (French)
605-40.00	1	C.Y.	Sand Drainage Blanket
605-40.01	0.1	C.Y.	Natural Sand
605-50.01	0.1	C.Y.	Gravel (3/8 Inch)
605-50.02	0.1	C.Y.	Gravel (1/2 Inch)
605-50.03	0.1	C.Y.	Gravel (3/4 Inch)
605-60.00	1	L.F.	Longitudinal Edge Drain
606-10.00	1	L.F.	Removal of Guardrail
606-10.10	1	L.F.	Guardrail, Type "A"
606-10.30	1	L.F.	Guardrail, Type "B"
606-10.31	1	L.S.	Remove and Relocate Existing Guardrail
606-10.50	1	L.F.	Guardrail, Type "E"
606-22.00	1	EACH	Bridge Anchor Section (Safety Barrier Curb)
606-23.00	1	EACH	Transition Section
606-30.00	1	EACH	Terminal Section
606-30.10	1	EACH	Breakaway Cable Terminal
606-30.85	1	EACH	Type A Crashworthy End Terminal (50.0ft Length, MASH TL-3)
606-30.87	1	EACH	Type A Crashworthy End Terminal (25.0ft Length, MASH TL-2)
606-30.90	1	EACH	Crashworthy Guardrail Cushion
606-30.95	1	EACH	Type A Crashworthy Guardrail Terminal (50.0ft Length, NCHRP 350 TL-3)
606-30.96	1	EACH	Type A Crashworthy Guardrail Terminal (37.5ft Length, NCHRP 350 TL-3)
606-30.97	1	EACH	Type A Crashworthy Guardrail Terminal (25.0ft Length, NCHRP 350 TL-2)
606-40.00	1	L.F.	Guard Fence

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
606-50.00	1	L.F.	Three-Strand Guard Cable
606-60.00	1	L.F.	Guardrail, MGS W-Beam, 6ft 3in Spacing, 6ft Posts
606-60.01	1	L.F.	Guardrail, MGS W-Beam, 6ft 3in Spacing, 8ft Posts
606-60.02	1	L.F.	Guardrail, MGS W-Beam, 3ft 1.5in Spacing, 6ft Posts
606-60.03	1	L.F.	Guardrail, MGS W-Beam, 3ft 1.5in Spacing, 8ft Posts
606-60.04	1	L.F.	Guardrail, MGS W-Beam, 1ft 6.75in Spacing, 6ft Posts
606-60.05	1	L.F.	Guardrail, MGS W-Beam, 1ft 6.75in Spacing, 8ft Posts
606-61.00	1	L.F.	Guardrail, MGS W-Beam, Double Faced, 6ft 3in Spacing, 6ft Posts
606-62.02	1	EACH	Guardrail, MGS W-Beam, Long Span, 18ft 9in (2 Posts Omitted), 6ft Posts
606-62.03	1	EACH	Guardrail, MGS W-Beam, Long Span, 18ft 9in (2 Posts Omitted), 8ft Posts
606-62.04	1	EACH	Guardrail, MGS W-Beam, Long Span, 25ft (3 Posts Omitted), 6ft Posts
606-62.05	1	EACH	Guardrail, MGS W-Beam, Long Span, 25ft (3 Posts Omitted), 8ft Posts
606-63.00	1	EACH	Guardrail, MGS, Height Transition (37ft 6in)
606-63.04	1	EACH	Guardrail, MGS, Bridge Approach Transition (No Curb, 37ft 6in)
606-63.05	1	EACH	Guardrail, MGS, Bridge Approach Transition (With Curb, 37ft 6in)
606-63.06	1	EACH	Guardrail, MGS, Bridge Approach Transition (Special Radius Section)
606-99.97	1	EACH	Special Guardrail Radius Section
607-01.36	1	L.F.	Chain Link Fence (36")
607-01.40	1	L.F.	Chain Link Fence (40")
607-01.42	1	L.F.	Chain Link Fence (42")
607-01.48	1	L.F.	Chain Link Fence (48")
607-01.60	1	L.F.	Chain Link Fence (60")
607-01.72	1	L.F.	Chain Link Fence (72")
607-01.78	1	L.F.	Chain Link Fence (78")
607-01.84	1	L.F.	Chain Link Fence (84")
607-01.96	1	L.F.	Chain Link Fence (96")
607-10.36	1	EACH	Walk Gate, Chain Link (36")
607-10.40	1	EACH	Walk Gate, Chain Link (40")
607-10.42	1	EACH	Walk Gate, Chain Link (42")
607-10.48	1	EACH	Walk Gate, Chain Link (48")
607-10.72	1	EACH	Walk Gate, Chain Link (72")

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
607-10.84	1	EACH	Walk Gate, Chain Link (84")
607-15.36	1	EACH	Drive Gate, Chain Link (36")
607-15.40	1	EACH	Drive Gate, Chain Link (40")
607-15.42	1	EACH	Drive Gate, Chain Link (42")
607-15.48	1	EACH	Drive Gate, Chain Link (48")
607-15.60	1	EACH	Drive Gate, Chain Link (60")
607-15.72	1	EACH	Drive Gate, Chain Link (72")
607-15.84	1	EACH	Drive Gate, Chain Link (84")
607-15.96	1	EACH	Drive Gate, Chain Link (96")
607-20.00	1	EACH	Drive Gate, Chain
607-20.10	1	L.F.	Woven Wire Fence
607-20.20	1	EACH	Walk Gate (Woven Wire)
607-20.30	1	EACH	Drive Gate (Woven Wire)
607-20.99	1	EACH	Replace Gated Access
607-21.17	1	EACH	Metal Swing Gate - Galvanized Pipe (17' Wide)
607-21.40	1	EACH	Metal Swing Gate - Galvanized Pipe (40' Wide)
607-25.00	1	EACH	Relocate Existing Drive Gate
607-25.10	1	EACH	Install Double Entrance Gate
607-30.35	1	L.F.	Vertical Picket Rail
607-40.36	1	L.F.	Remove and Replace Existing Fence (36" Chain Link)
607-40.42	1	L.F.	Remove and Replace Existing Fence (42" Chain Link)
607-40.48	1	L.F.	Remove and Replace Existing Fence (48" Chain Link)
607-40.60	1	L.F.	Remove and Replace Existing Fence (60" Chain Link)
607-40.64	1	L.F.	Remove and Replace Existing Fence (64" Chain Link)
607-40.72	1	L.F.	Remove and Replace Existing Fence (72" Chain Link)
607-40.84	1	L.F.	Remove and Replace Existing Fence (84" Chain Link)
607-41.48	1	L.F.	Remove and Replace Existing Fence (48" Wood)
607-42.42	1	L.F.	Remove and Replace Existing Fence (42" Vinyl)
607-42.48	1	L.F.	Remove and Replace Existing Fence (48" Vinyl)
607-42.72	1	L.F.	Remove and Replace Existing Fence (72" Vinyl)
607-45.48	1	L.F.	Remove and Replace Existing Fence (48" Decorative)



# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
607-50.42	1	L.F.	New Wood Fence (42" Picket)
607-50.72	1	L.F.	New Wood Fence (72" Privacy)
607-51.72	1	L.F.	Vinyl Fence (72")
607-60.36	1	L.F.	Temporary Fence (36")
607-60.42	1	L.F.	Temporary Fence (42")
607-60.48	1	L.F.	Temporary Fence (48")
607-60.60	1	L.F.	Temporary Fence (60")
607-60.72	1	L.F.	Temporary Fence (72")
607-65.48	1	L.F.	Wrought Iron Fence (48")
607-70.72	1	L.F.	Remove and Replace Existing Wrought Iron Fence and Gate
607-81.30	1	EACH	30' Flag Pole Assembly
607-81.50	1	EACH	50' Flag Pole Assembly
607-82.00	1	EACH	Concrete Flag Pole Footing
607-82.03	1	L.S.	3-Year Landscape Maintenance Contract
607-83.00	1	EACH	Flag Pole Lighting
607-83.50	1	EACH	Solar Lighting Assembly
607-90.00	1	L.F.	3 Rail Concrete Fence
607-91.00	1	L.F.	Remove and Replace Wood Split Rail Fence
608-10.00	0.1	S.Y.	Concrete Median
608-10.10	0.1	S.Y.	Concrete Median, Doweled-On (6" Height and Under)
608-10.20	0.1	S.Y.	Concrete Median, Doweled-On (Over 6" Height)
608-10.90	0.1	S.Y.	Remove and Replace Concrete Median/Island
608-15.10	0.1	S.Y.	Concrete Median (Monolithic)
608-15.20	0.1	S.Y.	Concrete Island (Monolithic)
608-15.30	0.1	S.Y.	Concrete Island, Mountable (Monolithic)
608-40.02	1	L.F.	Concrete Median Strip (2' Wide)
608-40.03	1	L.F.	Concrete Median Strip (3' Wide)
608-40.04	1	L.F.	Concrete Median Strip (4' Wide)
608-40.06	1	L.F.	Concrete Median Strip (6' Wide)
608-45.00	0.1	S.Y.	Concrete Speed Hump (Parabolic Profile)
608-50.06	0.1	S.Y.	Paved Driveway Approach (6")

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
608-50.07	0.1	S.Y.	Paved Driveway Approach (7")
608-50.08	0.1	S.Y.	Paved Driveway Approach (8")
608-50.96	0.1	S.Y.	Remove and Replace Paved Driveway Approach (6")
608-50.97	0.1	S.Y.	Remove and Replace Paved Driveway Approach (7")
608-50.98	0.1	S.Y.	Remove and Replace Paved Driveway Approach (8")
608-50.99	0.1	S.Y.	Remove and Replace Paved Driveway Approach (9")
608-51.10	0.1	S.Y.	Paved Driveway Approach (10"), Meramec Sand and Gravel
608-51.96	0.1	S.Y.	Remove and Replace Paved Driveway Approach (7"), Very Early Strength
608-51.97	0.1	S.Y.	Remove and Replace Paved Driveway Approach (8"), Very Early Strength
608-52.96	0.1	S.Y.	Remove and Replace Paved Driveway Approach (6"), Very Early Strength
608-70.40	1	EACH	Concrete Wheel Stop
608-70.42	1	EACH	Remove and Replace Concrete Wheel Stop
608-90.07	0.1	S.Y.	7" Reinforced Exposed Aggregate Concrete
609-10.10	1	L.F.	Concrete Curb, Type "S"
609-10.15	1	L.F.	Concrete Curb, Modified Type "S"
609-10.20	1	L.F.	Concrete Curb MoDOT Low Profile Type "F"
609-10.41	1	L.F.	Concrete Gutter, Type "A"
609-10.42	1	L.F.	Concrete Gutter, Type "B"
609-10.49	1	L.F.	Remove and Replace Gutter (Various Widths)
609-10.52	1	L.F.	Curb and Gutter, Type "B"
609-10.53	1	L.F.	Curb and Gutter, Vertical
609-10.54	1	L.F.	Curb and Gutter, Mountable (6")
609-10.55	1	L.F.	Curb and Gutter, Mountable (3")
609-10.56	1	L.F.	Curb and Gutter, Modified (6"H x 16"W)
609-10.60	0.1	S.Y.	Paved Ditch (4")
609-10.61	0.1	S.Y.	Paved Ditch (6" Reinforced)
609-10.70	1	L.F.	Curb and Gutter, Vertical (9")
609-10.91	1	L.F.	Remove and Replace Vertical Curb and Gutter
609-10.92	1	L.F.	Remove and Replace Rolled Curb and Gutter
609-10.93	1	L.F.	Remove and Replace Curb and Gutter (Various Widths), Vertical/Mountable
609-10.94	1	L.F.	Remove and Replace Vertical Curb, Full Depth

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
609-12.01	1	L.F.	Curb and Gutter, MoDOT Type "B"
609-20.11	1	L.F.	Integral Curb (6" Height and Under)
609-20.21	1	L.F.	Integral Curb (Over 6" Height)
609-20.30	1	L.F.	Integral Reinforced Curb (Various Heights/Types)
609-20.90	1	L.F.	Remove and Replace Integral Curb (6" Height and Under)
609-20.91	1	L.F.	Remove and Replace Integral Curb (Over 6" Height)
609-20.96	1	L.F.	Remove and Reset Granite Curb
609-20.99	1	L.S.	Clean Curb Drainage Scuppers
609-30.03	1	L.F.	Asphalt Curb 3"
609-30.10	1	L.F.	Asphalt Curb
609-35.10	0.1	S.Y.	Asphalt Paved Ditch (6" Thick)
609-40.00	1	EACH	Drain Basin
609-60.00	1	S.Y.	Ditch Liner
609-70.10	0.1	C.Y.	Rock Lining
610-10.10	0.1	C.Y.	Rubble Masonry (In Mortar)
610-10.20	0.1	C.Y.	Rubble Masonry (Dry)
611-10.20	0.1	C.Y.	Furnishing and Placing Rock Fill
611-20.10	0.5	C.Y.	Fully Grouted Rock Fill
611-20.95	1	C.Y.	Grout for Abandoned Sewers
611-30.10	1	TON	Furnishing Type 1 Rock Blanket
611-30.20	1	TON	Furnishing Type 2 Rock Blanket
611-30.30	1	TON	Placing Type 1 Rock Blanket
611-30.40	1	TON	Placing Type 2 Rock Blanket
611-30.90	0.1	S.Y.	Furnishing and Placing MSD Type 5 Rock Blanket
611-40.00	0.1	S.Y.	Grouted Rock Surface
611-50.10	0.1	S.Y.	Light Stone Revetment
611-50.30	0.1	S.Y.	Heavy Stone Revetment
611-50.40	0.1	S.Y.	Rock Outlet
611-50.45	0.1	S.Y.	Articulating Cellular Concrete Erosion Control System
611-60.10	0.1	S.Y.	Concrete Slope Protection
611-60.27	0.1	S.Y.	Remove and Replace Paved Channel (7")

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
611-70.00	1	C.Y.	Gabions
611-70.11	1	C.Y.	Reno Mattress
612-10.20	1	EACH	Moveable Barricades with Model "B" Amber Flashers (2 Each per Barricade)
612-10.30	1	EACH	Moveable Barricades (Standard)
612-10.40	1	EACH	Permanent Barricades
612-10.50	1	EACH	Flasher Sign
612-30.10	1	L.S.	Standard Traffic Control Devices
612-30.11	1	L.S.	Traffic Control For Rail Road Crossing Work
612-30.15	1	L.S.	Traffic Control (All Inclusive)
612-30.50	1	EACH	Object Markers
612-40.30	1	L.S.	Detour Lighting
612-45.00	1	L.S.	Temporary Excavation Fencing
612-60.10	1	EACH	Arrow Panel, Type "A" (Noiseless), Non-Returnable
612-60.20	1	EACH	Arrow Panel, Type "B" (Noiseless), Non-Returnable
612-60.40	1	EACH	Solar-assisted Arrow Board (Trailer-mounted)
612-60.91	1	EACH	Arrow Panel, Type "A" (Noiseless), Rental
612-60.92	1	EACH	Arrow Panel, Type "B" (Noiseless), Rental
612-70.10	1	EACH	Portable Changeable Message Sign, Non-Returnable
612-70.20	1	EACH	Changeable Message Board (Noiseless), Rental
612-90.00	1	DAYS	Railroad Flagmen
613-00.00	0.1	S.Y.	Joint Repair - Transverse
613-10.18	0.1	S.Y.	Joint Repair - Transverse, High Early Strength
613-10.91	0.1	S.Y.	Joint Repair - Transverse, Very Early Strength
613-20.20	0.1	S.Y.	Joint Repair - Longitudinal, Very Early Strength
613-20.21	0.1	S.Y.	Joint Repair - Longitudinal, High Early Strength
613-30.00	1	S.Y.	Remove and Replace Paved Shoulder
613-30.01	0.1	S.Y.	Partial Depth Pavement Repair, Type X Bituminous (Includes Milling, Concrete or Asphalt)
613-40.00	0.1	S.Y.	Joint Repair (Longitudinal or Transverse)
613-40.01	0.1	S.Y.	Joint Repair, High Early Strength (Longitudinal or Transverse)
613-40.02	0.1	S.Y.	Joint Repair, Very Early Strength (Longitudinal or Transverse)
613-40.10	1	EACH	Dowel Bar Retrofit

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
613-40.20	1	EACH	Pavement Cross Stitch Tie Bar
614-10.24	1	EACH	24" Automatic Floodgate, Type 1
614-20.44	1	EACH	Aluminum Slide Gate (4'x4')
615-10.00	1	MO.	Office for Engineer
616-10.05	1	S.F.	Construction Signs
616-10.09	1	EACH	Flag Assembly
616-10.25	1	EACH	Channelizer (Trim Line)
616-10.33	1	EACH	Direction Indicator Barricade
616-10.95	1	L.F.	Edge Drop-Off Treatment
617-10.00	1	L.F.	Concrete Median Barrier, Type "A"
617-10.10	1	L.F.	Concrete Median Barrier, Type "A", End Section
617-10.90	1	L.F.	Temporary Concrete Median Barrier, Type "A" (Includes End Sections)
617-10.95	1	L.F.	Relocate Temporary Traffic Barrier
617-20.00	1	L.F.	Concrete Median Barrier, Type "B"
617-20.01	1	L.F.	Concrete Median Barrier, Type "B" Modified
617-20.10	1	L.F.	Concrete Median Barrier, Type "B", End Section
617-20.11	1	L.F.	Concrete Median Barrier, Type "B" Modified, End Section
617-20.90	1	L.F.	Temporary Concrete Median Barrier, Type "B" (includes End Sections)
617-30.00	1	L.F.	Concrete Median Barrier, Type "D"
617-30.10	1	L.F.	Concrete Median Barrier, Type "D", End Section
617-40.00	1	L.F.	Temporary Concrete Median Barrier, Type "F"
617-40.10	1	L.F.	Temporary Concrete Median Barrier, Type "F", End Section
617-50.95	1	EACH	Sand-Filled Impact Attenuators
617-50.96	1	EACH	Replacement Sand Barrel
617-52.00	1	EACH	10" Steel Pipe Bollard
617-52.80	1	EACH	Trail Bollard
617-52.90	1	EACH	Remove and Replace Trail Bollard
618-50.10	1	LBS.	Mud Jacking (Portland Cement)
618-50.20	1	LBS.	Mud Jacking (Loam)
618-50.30	1	LBS.	Mud Jacking (Water)
619-00.00	1	L.S.	Mobilization

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
619-00.10	1	L.S.	Mobilization for Work Within Railroad Right-of-Way
619-10.00	1	DLR.	Acceleration of Work
620-60.00	1	EACH	Inlaid Pavement Markers
620-80.00	1	EACH	Raised Snowplowable Pavement Marker, White
620-80.50	1	EACH	Raised Snowplowable Pavement Marker, Yellow
620-80.75	1	EACH	Removal of Raised Snowplowable Pavement Marker
620-81.00	1	EACH	Raised Reflective Markers (Median/Island)
620-99.75	10	L.F.	Removal of Pavement Striping, Paint
620-99.76	1	L.S.	Removal of Pavement Striping, Paint
620-99.80	1	S.F.	Removal of Pavement Markings, Paint
620-99.81	1	L.S.	Removal of Pavement Markings, Paint
620-99.85	10	L.F.	Removal of Pavement Striping, Thermoplastic
620-99.90	1	S.F.	Removal of Pavement Markings, Thermoplastic
621-10.00	10	L.F.	Temporary Pavement Striping, Paint (Includes Removal if Necessary)
621-10.90	1	EACH	Temporary Lane Markers
621-11.00	10	L.F.	Temporary Pavement Striping, Tape (Includes Removal)
621-20.10	10	L.F.	Permanent Yellow Pavement Striping, Paint
621-20.11	10	L.F.	Permanent White Pavement Striping, Paint
621-20.15	1	EACH	Permanent Pavement Marking Arrows, Paint
621-20.17	1	S.F.	Permanent Pavement Markings, Paint
621-30.10	1	L.F.	High Build Acrylic Waterborne Pavement Marking Paint, Yellow
621-30.11	1	L.F.	High Build Acrylic Waterborne Pavement Marking Paint, White
621-40.10	10	L.F.	Permanent Yellow Pavement Striping, Preformed Thermoplastic
621-40.11	10	L.F.	Permanent White Pavement Striping, Preformed Thermoplastic
621-40.15	1	EACH	Permanent Pavement Marking Arrows, Preformed Thermoplastic
621-40.17	1	S.F.	Permanent Pavement Markings, Preformed Thermoplastic
621-90.18	1	EACH	Flexible Delineator Post, 18" Height (Surface Mount)
622-10.00	1	S.F.	Temporary Pavement Markings, Paint (Includes Removal if Necessary)
622-10.01	1	S.F.	Temporary Pavement Markings, Tape (Includes Removal)
624-10.01	1	S.Y.	Geotextile Fabric, Stabilization and Separation, Class 1 (Heavy Weight)
624-10.02	1	S.Y.	Geotextile Fabric, Stabilization and Separation, Class 2 (Medium Weight)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
627-10.00	0.1	S.Y.	Diamond Grinding (Concrete Pavement)
627-20.00	0.1	S.Y.	Diamond Grinding (Bituminous Pavement)
628-00.01	1	EACH	Handicap Parking Sign (Furnish and Install, Permanent)
628-00.10	1	S.F.	Roadway Signs (Furnish and Install, Permanent)
628-00.20	0.1	S.F.	Roadway Signs (Install Only, Permanent)
628-00.30	0.1	S.F.	Roadway Signs (Relocate, Permanent)
628-10.00	1	L.F.	Perforated Square Steel Tube Sign Post (Ground Mount)
628-10.05	1	L.F.	Perforated Square Steel Tube Sign Post (Surface Mount)
629-00.00	1	EACH	Relocate Existing Monument Sign
629-00.01	1	EACH	Restore Monument Sign Electrical Connection
629-00.02	1	EACH	Restore Residential Building Electrical Service Connection
629-00.03	1	EACH	Restore Commercial Building Electrical Service Connection
716-10.95	10	L.F.	Wick Drains
716-10.96	1	EACH	Dewatering Wells
716-10.97	1	L.S.	Dewatering
720-11.00	1	S.Y.	Form Liners for MSE Wall Systems
720-12.00	1	C.Y.	Select Granular Backfill for Structural Systems
724-14.23	1	L.F.	14" x 23" Class III Reinforced Horizontal Elliptical Concrete Pipe Culvert
724-19.30	1	L.F.	19" x 30" Class III Reinforced Horizontal Elliptical Concrete Pipe Culvert
724-29.45	1	L.F.	29" x 45" Class III Reinforced Horizontal Elliptical Concrete Pipe Culvert
725-10.12	1	L.F.	12" Corrugated Galvanized Metal Pipe
725-10.15	1	L.F.	15" Corrugated Galvanized Metal Pipe
725-10.18	1	L.F.	18" Corrugated Galvanized Metal Pipe
725-10.24	1	L.F.	24" Corrugated Galvanized Metal Pipe
725-10.30	1	L.F.	30" Corrugated Galvanized Metal Pipe
725-10.36	1	L.F.	36" Corrugated Galvanized Metal Pipe
725-10.42	1	L.F.	42" Corrugated Galvanized Metal Pipe
725-10.48	1	L.F.	48" Corrugated Galvanized Metal Pipe
725-10.54	1	L.F.	54" Corrugated Galvanized Metal Pipe
725-10.60	1	L.F.	60" Corrugated Galvanized Metal Pipe
725-10.72	1	L.F.	72" Corrugated Galvanized Metal Pipe

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
725-40.15	1	EACH	15" Corrugated Metal Drop Inlet
725-40.18	1	EACH	18" Corrugated Metal Drop Inlet
725-40.24	1	EACH	24" Corrugated Metal Drop Inlet
726-13.12	1	L.F.	12" Class III Reinforced Concrete Pipe Culvert
726-13.15	1	L.F.	15" Class III Reinforced Concrete Pipe Culvert
726-13.18	1	L.F.	18" Class III Reinforced Concrete Pipe Culvert
726-13.24	1	L.F.	24" Class III Reinforced Concrete Pipe Culvert
726-13.48	1	L.F.	48" Class III Reinforced Concrete Pipe Culvert
726-13.60	1	L.F.	60" Class III Reinforced Concrete Pipe Culvert
726-15.12	1	L.F.	12" Class V Reinforced Concrete Pipe Culvert
726-23.12	1	L.F.	12" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.15	1	L.F.	15" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.18	1	L.F.	18" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.21	1	L.F.	21" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.24	1	L.F.	24" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.27	1	L.F.	27" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.30	1	L.F.	30" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.36	1	L.F.	36" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.42	1	L.F.	42" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.48	1	L.F.	48" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.54	1	L.F.	54" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.60	1	L.F.	60" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.66	1	L.F.	66" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.72	1	L.F.	72" Class III Reinforced Concrete Pipe Culvert (Gasket Type)
726-23.78	1	L.F.	78" Class III Reinforced Concrete Pipe Culvert (Gasket Type) ype)
726-24.12	1	L.F.	12" Class IV Reinforced Concrete Pipe Culvert (Gasket Type)
726-24.15	1	L.F.	15" Class IV Reinforced Concrete Pipe Culvert (Gasket Type)
726-24.18	1	L.F.	18" Class IV Reinforced Concrete Pipe Culvert (Gasket Type)
726-24.36	1	L.F.	36" Class IV Reinforced Concrete Pipe Culvert (Gasket Type)
726-24.48	1	L.F.	48" Class IV Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.12	1	L.F.	12" Class V Reinforced Concrete Pipe Culvert (Gasket Type)



# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
726-25.15	1	L.F.	15" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.18	1	L.F.	18" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.21	1	L.F.	21" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.24	1	L.F.	24" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.27	1	L.F.	27" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.30	1	L.F.	30" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.33	1	L.F.	33" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.36	1	L.F.	36" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.42	1	L.F.	42" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.48	1	L.F.	48" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.54	1	L.F.	54" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.60	1	L.F.	60" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.66	1	L.F.	66" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.72	1	L.F.	72" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.78	1	L.F.	78" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.84	1	L.F.	84" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.90	1	L.F.	90" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-25.96	1	L.F.	96" Class V Reinforced Concrete Pipe Culvert (Gasket Type)
726-30.11	1	L.F.	Stanking
726-42.04	1	L.F.	4" Vitrified Clay Culvert and Sewer Pipe (Standard Strength - Gasket Type)
726-42.24	1	L.F.	24" Vitrified Clay Culvert and Sewer Pipe (Standard Strength - Gasket Type)
726-54.02	1	L.F.	2" Polyvinyl Chloride Pipe
726-54.04	1	L.F.	4" Polyvinyl Chloride Pipe
726-54.06	1	L.F.	6" Polyvinyl Chloride Pipe
726-54.08	1	L.F.	8" Polyvinyl Chloride Pipe
726-54.10	1	L.F.	10" Polyvinyl Chloride Pipe
726-54.12	1	L.F.	12" Polyvinyl Chloride Pipe
726-54.15	1	L.F.	15" Polyvinyl Chloride Pipe
726-54.18	1	L.F.	18" Polyvinyl Chloride Pipe
726-54.21	1	L.F.	21" Polyvinyl Chloride Pipe
726-54.24	1	L.F.	24" Polyvinyl Chloride Pipe

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
726-54.30	1	L.F.	30" Polyvinyl Chloride Pipe
726-54.36	1	L.F.	36" Polyvinyl Chloride Pipe
726-54.42	1	L.F.	42" Polyvinyl Chloride Pipe
726-54.48	1	L.F.	48" Polyvinyl Chloride Pipe
726-55.06	1	L.F.	6" Corrugated Plastic Pipe
726-55.08	1	L.F.	8" Corrugated Plastic Pipe
726-55.12	1	L.F.	12" Corrugated Plastic Pipe
726-55.15	1	L.F.	15" Corrugated Plastic Pipe
726-55.18	1	L.F.	18" Corrugated Plastic Pipe
726-55.24	1	L.F.	24" Corrugated Plastic Pipe
726-56.08	1	L.F.	8" C-905 Polyvinyl Chloride Pipe
726-56.18	1	L.F.	18" C-905 Polyvinyl Chloride Pipe
726-56.56	1	L.F.	6" C-900 Polyvinyl Chloride Pipe
726-56.58	1	L.F.	8" C-900 Polyvinyl Chloride Pipe
726-56.62	1	L.F.	12" C-900 Polyvinyl Chloride Pipe
726-57.08	1	L.F.	8" Corrugated Perforated Plastic Pipe
726-58.12	1	L.F.	12" Polypropylene Storm Sewer Pipe (PP)
726-58.15	1	L.F.	15" Polypropylene Storm Sewer Pipe (PP)
726-58.18	1	L.F.	18" Polypropylene Storm Sewer Pipe (PP)
726-58.24	1	L.F.	24" Polypropylene Storm Sewer Pipe (PP)
726-58.30	1	L.F.	30" Polypropylene Storm Sewer Pipe (PP)
726-58.36	1	L.F.	36" Polypropylene Storm Sewer Pipe (PP)
726-60.15	1	C.Y.	Rock Excavation (In Trench)
726-60.40	1	L.F.	Bored Pipe
726-70.12	1	L.F.	12" Storm Sewer Pipe (Class III RCP or Polypropylene, Gasket Type)
726-70.15	1	L.F.	15" Storm Sewer Pipe (Class III RCP or Polypropylene, Gasket Type)
726-70.18	1	L.F.	18" Storm Sewer Pipe (Class III RCP or Polypropylene, Gasket Type)
726-70.24	1	L.F.	24" Storm Sewer Pipe (Class III RCP or Polypropylene, Gasket Type)
726-70.30	1	L.F.	30" Storm Sewer Pipe (Class III RCP or Polypropylene, Gasket Type)
726-70.36	1	L.F.	36" Storm Sewer Pipe (Class III RCP or Polypropylene, Gasket Type)
726-76.30	1	EACH	Check Valve, 30"

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
726-76.36	1	EACH	Check Valve, 36"
726-76.42	1	EACH	Check Valve, 42"
726-76.48	1	EACH	Check Valve, 48"
726-78.08	1	EACH	8" Drain System
726-78.12	1	EACH	12" Drain System
726-85.48	1	L.F.	Pipe Sewer in Tunnel (48")
726-90.10	1	C.Y.	MSD Class "A" Concrete for Encasement
726-90.20	1	C.Y.	MSD Class "A" Concrete for Cradle
726-90.25	1	EACH	Abandon, Repair or Replace Septic Tank and Field
726-90.30	0.1	C.Y.	Grouting or Sand-Cement Backfill
726-90.40	0.1	C.Y.	Flowable Fill
730-52.08	1	L.F.	8" Ductile Iron Pipe
730-52.10	1	L.F.	10" Ductile Iron Pipe
730-52.12	1	L.F.	12" Ductile Iron Pipe
730-52.15	1	L.F.	15" Ductile Iron Pipe
730-52.18	1	L.F.	18" Ductile Iron Pipe
731-00.42	1	EACH	Precast Concrete Manhole (42")
731-00.48	1	EACH	Precast Concrete Manhole (48")
731-00.60	1	EACH	Precast Concrete Manhole (60")
731-00.72	1	EACH	Precast Concrete Manhole (72")
731-10.98	1	L.S.	Precast Concrete Levee Structure (4' x 6')
731-10.99	1	L.S.	Precast Concrete Berm Structure (4' x 6')
732-00.12	1	EACH	12" Flared End Section
732-00.15	1	EACH	15" Flared End Section
732-00.18	1	EACH	18" Flared End Section
732-00.21	1	EACH	21" Flared End Section
732-00.24	1	EACH	24" Flared End Section
732-00.27	1	EACH	27" Flared End Section
732-00.30	1	EACH	30" Flared End Section
732-00.33	1	EACH	33" Flared End Section
732-00.36	1	EACH	36" Flared End Section

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
732-00.42	1	EACH	42" Flared End Section
732-00.48	1	EACH	48" Flared End Section
732-00.54	1	EACH	54" Flared End Section
732-00.60	1	EACH	60" Flared End Section
732-00.66	1	EACH	66" Flared End Section
732-00.72	1	EACH	72" Flared End Section
732-00.78	1	EACH	78" Flared End Section
732-00.84	1	EACH	84" Flared End Section
732-10.12	1	EACH	12" Flared End Section (Metal)
732-10.15	1	EACH	15" Flared End Section (Metal)
732-12.12	1	EACH	12" Flared End Section (Corrugated Plastic)
732-12.15	1	EACH	15" Flared End Section (Corrugated Plastic)
732-12.18	1	EACH	18" Flared End Section (Corrugated Plastic)
732-12.24	1	EACH	24" Flared End Section (Corrugated Plastic)
732-14.23	1	EACH	14" x 23" Elliptical Reinforced Concrete Flared End Section
732-19.30	1	EACH	19" x 30" Elliptical Reinforced Concrete Flared End Section
733-03.03	1	L.F.	Precast Concrete Box Culvert (3' Width by 3' Height)
733-04.03	1	L.F.	Precast Concrete Box Culvert (4' Width by 3' Height)
733-05.03	1	L.F.	Precast Concrete Box Culvert (5' Width by 3' Height)
733-06.04	1	L.F.	Precast Concrete Box Culvert (6' Width by 4' Height)
733-07.06	1	L.F.	Precast Concrete Box Culvert (7' Width by 6' Height)
733-10.05	1	L.F.	Precast Concrete Box Culvert (10' Width by 5' Height)
733-12.07	1	L.F.	Precast Concrete Box Culvert (12' Width by 7' Height)
733-65.04	1	L.F.	Precast Concrete Box Culvert (6.5' Width by 4' Height)
734-04.03	1	EACH	Precast Concrete Box Culvert Flared End Section (4'Wx3'H)
801-10.00	0.1	ACRE	Liming and Fertilizing
802-10.00	0.1	ACRE	Type 1 Mulch (Vegetative)
802-20.00	0.1	ACRE	Type 2 Mulch (Vegetative with Asphalt Emulsion)
802-30.00	0.1	ACRE	Type 3 Mulch (Vegetative with an Overspray)
802-50.00	0.1	ACRE	Type 5 Mulch (Hydro Mulch)
802-60.82	1	S.Y.	Remove and Replace Mulch (2" Depth)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
802-60.90	1	C.Y.	Shredded Hardwood Bark Mulch
802-60.91	1	C.Y.	Premium Shredded Oak Mulch - 4" Depth
802-60.92	1	C.Y.	Wood Chips (Not Recycled Lumber)
803-10.00	1	S.Y.	Sodding
803-10.10	1	S.Y.	Sodding (Zoysia)
803-10.20	0.1	S.Y.	Sodding (Bermuda)
803-20.00	1	S.Y.	Strip Sodding
804-10.00	1	C.Y.	Topsoil
804-10.10	1	EACH	Restoration for Tree/Stump Removal
804-20.00	1	C.Y.	Planting Amended Soil
804-20.01	0.1	S.Y.	Amended Soil (Water Quality BMP)
804-30.01	1	EACH	Soil Testing and Evaluation
804-30.02	1	EACH	Compost Maturity Test
804-90.01	1	S.Y.	Soil Preparation
804-90.02	0.1	S.Y.	Soil Binder
805-10.00	0.1	ACRE	Seeding
805-10.10	0.1	ACRE	Wet Prairie Seeding
805-10.20	0.1	ACRE	Prairie Seeding
805-10.30	0.1	ACRE	Dry Prairie Seeding
805-10.40	0.1	ACRE	High Marsh Zone Seed Mixture
805-10.41	0.1	ACRE	Low Marsh Zone Seed Mixture
805-10.50	0.1	ACRE	Tall MSD Dry Seed Mixture High Marsh Zone Seed Mixture
805-10.51	0.1	ACRE	Tall MSD Wet Seed Mixture
805-10.60	0.1	ACRE	Native Grass Planting
805-20.00	0.1	ACRE	Emergent Wetland Development
805-30.00	1	L.S.	Site Restoration (Bridge Project)
805-40.00	1	L.S.	Site Restoration (Roadway Projects)
806-00.00	1	L.S.	Erosion Control Measures (Sites less than 1 acre)
806-10.20	1	L.F.	Type "B" Temporary Berm
806-10.30	1	L.F.	Type "C" Temporary Berm
806-10.50	1	L.F.	Type C Berm

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
806-15.00	1	LBS.	Bonded Fiber Matrix
806-15.10	1	L.S.	Dust Control
806-16.00	1	C.Y.	Bioretention Media
806-20.00	1	S.Y.	Permanent Erosion Control Blanket
806-20.05	1	S.Y.	Turf Reinforcement Grid (TRG)
806-20.11	1	S.Y.	Turf Reinforcement Mat (TRM)
806-20.12	1	L.F.	Temporary Slope Drains (12")
806-20.13	1	EACH	Temporary Stream Crossing
806-20.18	1	L.F.	Temporary Slope Drains (18")
806-20.24	1	L.F.	Temporary Slope Drains (24")
806-30.01	1	EACH	Rock Ditch Check
806-35.00	1	EACH	Check Dams
806-40.01	1	EACH	Sediment Basin
806-40.02	1	EACH	Sediment Trap
806-40.03	1	EACH	Sediment Trap Single Cell
806-40.04	1	EACH	Sediment Trap Double Cell
806-45.00	1	L.S.	Inlet Protection
806-45.01	1	EACH	Drainage Structure Sedimentation Control Trap
806-45.02	1	EACH	Inlet Protection Device, Single Unit - Block & Gravel
806-45.03	1	EACH	Inlet Protection Device, Double Unit - Block & Gravel
806-45.04	1	EACH	Inlet Protection Device, Triple Unit - Block & Gravel
806-45.05	1	EACH	Inlet Protection Device, Grated Unit - Block & Gravel
806-45.06	1	EACH	Inlet Protection Device, Single Unit - Sod Filter
806-45.07	1	EACH	Inlet Protection Device, Double Unit - Sod Filter
806-45.08	1	EACH	Inlet Protection Device, Single Unit - Filter Sock/Roll
806-45.09	1	EACH	Inlet Protection Device, Double Unit - Filter Sock/Roll
806-45.10	1	EACH	Inlet Protection Device, Single Unit - Gravel Filter Bag
806-45.11	1	EACH	Inlet Protection Device, Double Unit - Gravel Filter Bag
806-45.12	1	EACH	Inlet Protection Device, Single Unit - Fabric Drop
806-45.13	1	EACH	Inlet Protection Device, Double Unit - Fabric Drop
806-45.14	1	EACH	Inlet Protection Device, Triple Unit - Filter Sock/Roll

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
806-45.15	1	EACH	Inlet Protection Device, Grated Unit - Filter Sock/Roll
806-45.16	1	EACH	Gutter Protection Device, Filter Sock/Gravel Filter Bag
806-46.00	1	EACH	Washdown Station
806-46.01	1	EACH	Construction Entrance
806-46.02	1	L.F.	Construction Road
806-50.00	0.1	ACRE	Temporary Seeding and Mulching
806-55.00	1	L.S.	Storm Water Pollution Prevention Plan (SWPPP)
806-55.01	1	L.S.	Non-Sediment Pollution Control
806-55.02	1	EACH	Diversion Ridge and Channel
806-55.03	1	EACH	Diversion Storm Sewer
806-55.04	1	EACH	Gradient Terraces
806-55.05	1	L.F.	Grass Lined Channel
806-55.17	1	EACH	Gravel Bags
806-55.18	1	L.S.	Level Spreader
806-55.19	1	S.Y.	Surface Roughening
806-55.20	1	S.F.	Filter Strip
806-55.97	1	L.S.	Land Disturbance Permit - City of Fenton
806-55.98	1	L.S.	Land Disturbance Permit - City of Sunset Hills
806-55.99	1	L.S.	Land Disturbance Permit - MDNR
806-65.00	1	L.F.	Fiber Rolls and Wattles (Type I Staking)
806-65.01	1	L.F.	Fiber Rolls and Wattles
806-65.02	1	L.F.	Filter Rolls (Filter Socks)
806-70.00	1	L.F.	Silt Fence
806-90.10	1	S.Y.	Temporary Erosion Control Blanket
806-90.11	1	S.Y.	Netting
807-30.00	1	S.Y.	Filter Fabric (Similar to Mirafi 140)
807-30.01	0.1	S.Y.	MSD Type 4 Geotextile
807-40.00	1	S.Y.	Geomembrane Liner (Similar to RUFECO 3010B)
807-90.00	1	S.Y.	Vegetative Barrier Fabric
808-10.00	1	EACH	Trees, 1" (dbh) and 2" (dbh)
808-20.00	1	EACH	Trees, 2' - 8' High Whips

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
808-30.00	1	EACH	Live Stakes, Smaller, 1"-2" Stock of 2'-4' in Length
808-40.00	1	EACH	Live Posts, Larger, 2"-4" Stock of 4'-8' in Length
808-41.01	1	EACH	Tree/Shrub Water Bags
808-41.02	1	L.S.	Manual Watering
808-41.03	1	L.S.	Landscape Watering
808-90.01	1	EACH	Prunus cerasifera "Newport" (Newport Plum)
808-90.02	1	EACH	Acer Ginnala (Amur Maple)
808-90.05	1	EACH	Cercis Canadensis 'Alba'
808-90.06	1	EACH	Pyrus Calleryana "Cleveland Select" (Cleveland Select Pear)
808-90.07	1	EACH	Cercis Canadensis (Redbud)
808-90.08	1	EACH	Prunus Serrulata "Kwanzan" (Kwanzan Cherry)
808-90.09	1	EACH	Taxodium Distichum (Bald Cypress)
808-90.10	1	EACH	Pinus Nigra (Austrian Pine)
808-90.11	1	EACH	Juniperus Vir. "Canaertii" (Canaert Cedar)
808-90.13	1	EACH	Acer X Freemanii 'Jeffersred' (Autumn Blaze)
808-90.14	1	EACH	Acer Rubrum "October Glory"
808-90.17	1	EACH	Nyssa Sylvatica
808-90.18	1	EACH	Platanus Occidentalis
808-90.19	1	EACH	Quercus Bicolor
808-90.20	1	EACH	Red Oak (Quercus Rubra)
808-90.21	1	EACH	Crataegus Viridis "Winter King" (Winter King Hawthorn)
808-90.22	1	EACH	Burr Oak (Quercus Macrocarpa)
808-90.28	1	EACH	Crataegus Phaenopyrum (Washington Hawthorn)
808-90.29	1	EACH	European Hornbeam
808-90.30	1	EACH	Princeton Sentry Ginkgo
808-90.31	1	EACH	Blackgum
808-90.32	1	EACH	Swamp White Oak
808-90.33	1	EACH	Dogwood
808-90.34	1	EACH	Tillia Americana "Redmond" (Redmond Linden)
808-90.35	1	EACH	Picea Abies (Norway Spruce)
808-90.36	1	EACH	Pinus Resinosa (Red Pine)



# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
808-90.37	1	EACH	White Pine
808-90.38	1	EACH	Columnar Norway Maple
808-90.39	1	EACH	Ilex Opaca (American Holly)
808-90.40	1	EACH	Willow Live Stakes (Cuttings)
808-90.41	1	EACH	River Birch
808-90.42	1	EACH	Sugar Maple
808-90.43	1	EACH	Radiant Crabapple
808-90.44	1	EACH	Prariefire Crabapple
808-90.45	1	EACH	Techny Arborvitae
808-90.46	1	EACH	Ulmus parvifolia 'Allee' (Lacebark Elm 'Allee')
808-90.47	1	EACH	Fraxinus pennsylvanica 'Summit' (Summit Green Ash)
808-90.48	1	EACH	Acer rubrum 'Scarlet Sentinel' (Scarlet Sentinel Maple)
808-90.49	1	EACH	Magnolia x soulangiana 'Lennei' (Lennei Magnolia)
808-90.50	1	EACH	Gleditsia tricanthos inermis "Skyline" (Skyline Honeylocust)
808-90.51	1	EACH	Celtis Occidentalis (Hackberry)
808-90.52	1	EACH	Picea Clauca (Black Hill Spruce)
808-90.53	1	EACH	Quercus Phellos (Willow Oak)
820-90.00	1	EACH	Burning Bush
820-90.01	1	EACH	Euonymus Alatus "Compacta" (Compact Burning Bush)
820-90.02	1	EACH	Spirea Bumalda "Anthony Waterer" (Anthony Waterer Spirea)
820-90.03	1	EACH	Cotinus obovatus
820-90.05	1	EACH	Berberis Thunbergii (Crimson Pygmy Barberry)
820-90.07	1	EACH	Juniperus Horizontalis Plumosa (Andorra Juniper)
820-90.10	1	EACH	Spirea Bum. "Froebeli" (Froebel Spirea)
820-90.14	1	EACH	Spirea Bum. "Goldflame" (Goldflame Spirea)
820-90.15	1	EACH	Viburnum plicatum "Newport" (Newport Viburnum)
820-90.16	1	EACH	Viburnum Trilobum "Compactum" (Dwarf Am. Cranberry Bush)
820-90.18	1	EACH	Viburnum Carlesii (Koreanspice Viburnum)
820-90.20	1	EACH	Spirea Bum. "Goldmound" (Goldmound Spirea)
820-90.21	1	EACH	Rhus glabra
820-90.22	1	EACH	Rhus Aromatica "Gro-Low" (Gro-Low Sumac)

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
820-90.23	1	EACH	Viburnum Rhytidophyllum "Allegheny" (Allegheny Viburnum)
820-90.25	1	EACH	Spirea Japonica "Little Princess" (Little Princess Spirea)
820-90.26	1	EACH	Berberis thun atropurpurea (Redleaf Barberry)
820-90.27	1	EACH	Rhamnos Frangula Columaris (Columnar Glossy Buckthorn)
820-90.28	1	EACH	Ribes alpinum "Aureum" (Dwarf Alpine Currant)
820-90.29	1	EACH	Juniperus procumbens "Nana" (Dwarf Japanese Garden Juniper)
820-90.30	1	EACH	Juniperus chin. "Sea Green" (Sea Green Juniper)
820-90.31	1	EACH	Redtwig Dogwood (Shrub)
820-90.32	1	EACH	Yellow Potentilla
820-90.33	1	EACH	Rhus Aromatica (Fragrant Sumac)
820-90.34	1	EACH	Viburnum Prunifolium (Black Haw Viburnum)
820-90.35	1	EACH	Viburnum Dentatum (Arrow-Wood Viburnum)
820-90.36	1	EACH	Purpleleaf Sandcherry
820-90.37	1	EACH	Oakleaf Hydrangea
820-90.38	1	EACH	Neon Spirea
820-90.39	1	EACH	Leatherleaf Viburnum
820-90.40	1	EACH	Physocarpus x nanus (Dwarf Ninebark)
820-90.41	1	EACH	Diervilla x copper (Southern Bush Honeysuckle)
820-90.42	1	EACH	Taxus x media 'Everflow' (Everflow Yew)
820-90.43	1	EACH	Weigela florida 'Ruby Queen' (Dwarf Weigela)
820-90.44	1	EACH	Fothergilla gardienii 'Mount Airy' (Mount Airy Fothergilla)
820-90.45	1	EACH	Berberis Thun. 'Atropurpurea Nana' (Japanese Barberry)
820-90.46	1	EACH	Rosa (Knock-Out, Lipstick)
840-90.00	1	S.Y.	Ground Cover
840-90.01	1	EACH	Phalaris Arund. Var Picta (Ribbon Grass)
840-90.02	1	EACH	Pennisetum Alopecuroides "Hameln" (Dwarf Fountain Grass)
840-90.05	1	EACH	Euonymus For. "Colorata" (Purple Winter Creeper)
840-90.06	1	EACH	Large Trumpet Daffodils
840-90.07	1	EACH	Hemerocalis Sp. "Stella De Oro" (Stella De Oro Daylily)
840-90.09	1	EACH	Pennisetum villosum (Piglet Grass)
840-90.10	1	EACH	Miscanthus sin. "Yaku Jima" (Yaku Jima Grass)

# St. Louis County Department of Transportation

## Bid Item Numbers Roadway Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
840-90.11	1	EACH	Little Bunny Ornamental Grass
840-90.12	1	EACH	Miscanthus sin. "Autumn Light" (Autumn Light Grass)
840-90.13	1	EACH	Aruncus dioicus (Goat's Beard)
840-90.14	1	EACH	Hosta sp. "Big Mama" (Big Mama Hosta)
840-90.15	1	EACH	Dennstaedtia punctilobula (Hay Scented Fern)
840-90.16	1	EACH	Carex morrowii variegata (Variegated Japanese Sedge)
840-90.17	1	EACH	Potentilla verna nana (Cinquefoil)
840-90.18	1	EACH	Juniperus horizontalis "Wiltoni" (Wilton Carpet Juniper)
840-90.19	1	EACH	Stachys byzantia "Silver Carpet" (Silver Carpet Lambs Ear)
840-90.20	1	EACH	Cotoneaster dammeri "Lowfast" (Lowfast Cotoneaster)
840-90.21	1	EACH	Juniperus horizontalis "Hughes" (Hughes Juniper)
840-90.22	1	EACH	Convallaria majalis (Lily of the Valley)
840-90.23	1	EACH	Galium odoratum (Sweet Woodruff)
840-90.24	1	EACH	Hosta sp. "Border Special" (Border Special Hosta)
840-90.25	1	EACH	Lamium maculatum "White Nancy" (White Nancy Spotted Dead Nettle)
840-90.26	1	EACH	Festuca ovina "Solling" (Solling Fescue)
840-90.27	1	EACH	Briza media (Quaking Grass)
840-90.28	1	EACH	Asclepias tuberosa (Butterfly Weed)
840-90.29	1	EACH	Echinacea pallida (Pale Purple Coneflower)
840-90.30	1	EACH	Coreopsis 'Moonbeam' (Prairie Tickseed)
840-90.31	1	EACH	Echinacea purpurea (Purple Coneflower)
840-90.32	1	EACH	Aster oblongifolius (Aromatic Aster)
840-90.33	1	EACH	Rudbeckia fulgida 'Goldsturm' (Black Eyed Susan)
840-90.34	1	EACH	Hemerocallis "Pardon Me" (Pardon Me Daylily)
840-90.35	1	EACH	Tulipa greigii "Red Riding Hood" (Red Riding Hood Tulip)
840-90.36	1	EACH	Narcissus cyclamineus "Peeping Tom" (Peeping Tom Daffodil)
840-90.37	1	EACH	Lysimachia nummularia "Auria" (Creeping Jenny)
840-90.38	1	EACH	Liriope muscari (Big Blue Liriope)
840-90.39	1	EACH	Schizachyrium scoparium (Little Bluestem)
840-90.40	1	EACH	Panicum virgatum 'Northwind'
840-90.41	1	EACH	Ratibida pinnata

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
840-90.42	1	EACH	Carex Muskingumensis (Palm Sedge)
840-90.43	1	EACH	Carex Vulpinoidea (Fox Sedge)
840-90.44	1	EACH	Juncus Effusus (Soft Rush)
840-90.45	1	EACH	Scirpus Atrovirens (Great Green Bullrush)
840-90.46	1	EACH	Asclepias Incamata (Marsh Milkweed)
840-90.47	1	EACH	Equisetum Hyemale (Horsetail)
840-90.48	1	EACH	Eupatorium Coelestinum (Mist Flower Wild Ageratum)
840-90.49	1	EACH	Hibiscus Lasiocarpus(Rose mallow)
840-90.50	1	EACH	Iris Fulva (Copper Iris)
840-90.51	1	EACH	Iris Virginiaca (Blueflag Iris)
840-90.52	1	EACH	Aster Novae-Angliae (New England Aster)
840-90.53	1	EACH	Mimulus Ringers (Allegheny Monkey Flower)
840-90.54	1	EACH	Rudbeckia Fulgida (Orange Coneflower)
840-90.55	1	EACH	Verben Hastata (Blue Vervain)
840-90.59	1	EACH	Lobilie Cardinals (Cardinal Flower)
840-90.60	1	EACH	Juncus Effusus (Common Rush)
840-90.61	0.5	EACH	Scirpus Pungens (Chairmaker's Rush)
840-90.62	1	EACH	Scirpus Validus (Great Bulrush)
840-90.63	1	EACH	Sagittaria Latifolia (Common Arrowhead)
850-00.00	1	L.S.	Channel Rehabilitation
850-00.10	1	L.S.	Barkman Drive Channel Rehabilitation
850-00.20	1	L.S.	Quiet Lane Channel Rehabilitation
850-00.30	1	L.S.	Reestablish Industrial Power Facility
860-00.10	1	EACH	Modular BMP System Panel (10'x5')
860-00.15	1	EACH	Modular BMP Sysytem Panel (15'x5')
860-00.25	1	EACH	Modular BMP System Panel (25'x5')
903-12.30	1	L.F.	U-Channel Post
904-10.10	1	EACH	Relocation of Existing Roadway Light Pole
904-10.11	1	EACH	Relocation of Existing Entrance Light Pole
904-10.12	1	EACH	Light Pole Power Pedestal (Ameren Supplied)
913-50.	1	L.F.	Class "B" Underdrain

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Roadway Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
980-00.01	1	L.S.	Roof and Landscaping Storm Water Management System and Site Restoration
980-00.02	1	L.S.	Exterior Building Lighting System
980-00.03	1	L.S.	Concrete Patio, Fencing, Sodding, and Site Restoration
999-90.00	1	L.S.	Project Contingency
999-90.05	1	L.S.	Project Contingency, 5% of Subtotal
999-90.10	1	L.S.	Project Contingency, 10% of Subtotal
999-91.00	1	L.S.	Natural Water Quality BMP(s)
999-91.01	1	L.S.	Structural Water Quality BMP(s)
999-91.10	1	L.S.	Surface Channel Protection Storage
999-91.11	1	L.S.	Sub-Surface Channel Protection Storage
999-91.20	1	L.S.	Surface Flood Protection Storage
999-91.21	1	L.S.	Sub-Surface Flood Protection Storage
999-99.98	1	L.S.	4% of PROJECT SUBTOTAL (SWPPP Items)
999-99.99	1	L.S.	2% of PROJECT SUBTOTAL (SWPPP Items)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
202-10.20	1	L.S.	Removal of Bridges
202-10.25	1	L.S.	Removal of Retaining Walls
202-10.26	1	L.F.	Removal of Retaining Wall
202-10.27	1	L.F.	Disassembly and Storage of Stone Retaining Wall
202-10.28	1	L.F.	Disassembly and Storage of Brick Retaining Wall
202-10.30	1	L.S.	Removal of Bridge (Partial)
202-10.35	1	L.S.	Remove and Relocate Existing Pedestrian Bridge
202-10.40	1	S.Y.	Scarification of Bridge Decks
202-10.50	0.1	S.Y.	Special Work (Bridges)
202-10.55	1	L.S.	Special Work (Bridges)
202-10.56	1	L.S.	Special Work (Culvert)
202-10.64	1	L.F.	Removal of Expansion Device and Adjacent Concrete
202-10.99	1	L.S.	Removal of Temporary Bridge Substructure
202-20.50	1	EACH	Removal of Existing Bearings
202-20.99	1	S.Y.	Removal of Bridge Approach Slab
202-22.17	1	L.S.	Removal of Asbestos (Bridge Demolition)
206-10.00	0.5	C.Y.	Class 1 Excavation
206-20.00	0.5	C.Y.	Class 2 Excavation
206-20.03	0.5	C.Y.	Class 2 Excavation in Rock
206-25.00	0.5	C.Y.	Class 3 Excavation
206-30.00	0.5	C.Y.	Class 4 Excavation
206-30.01	0.5	C.Y.	Class 4 Excavation In Rock
206-40.00	1	C.Y.	Porous Backfill
206-40.05	0.1	C.Y.	EPS Foam Backfill
206-40.10	1	L.S.	Temporary Earth Retention System
206-45.05	1	C.Y.	Selected Granular Backfill
206-60.01	1	L.S.	Cofferdams - Bent 1
206-60.02	1	L.S.	Cofferdams - Bent 2
206-60.03	1	L.S.	Cofferdams - Bent 3
220-30.00	1	S.Y.	Geogrid Foundation Stabilization
304-03.18	0.1	S.Y.	Type 3 Aggregate Base (18" Thick)

# St. Louis County Department of Transportation

## Bid Item Numbers Structural Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
304-04.00	1	TON	Type 4 Aggregate Base
503-10.00	0.1	S.Y.	Bridge Approach Slab
503-10.01	0.1	S.Y.	Bridge Approach Slab (Modified)
503-15.00	10	S.F.	Repairing Bridge Approach Slab (Half-Soling)
605-20.10	1	L.F.	Class "B" Perforated Underdrain (6" PVC)
605-50.00	1	EACH	Galvanized Bridge Deck Drains
605-55.06	1	EACH	Drainage System (6")
606-10.15	1	L.F.	Thrie Beam Bridge Rail
606-10.20	1	L.F.	Steel Bridge Rail (Modified)
606-20.00	1	EACH	Bridge Anchor Section
606-20.01	1	EACH	Bridge Anchor Section (Modified)
606-21.00	1	EACH	Bridge Anchor Section (Curb Type)
607-10.50	1	L.F.	Chain Link Fence (Retaining Walls)
607-10.52	1	L.F.	MSD Chain Link Fence (42") (Retaining Walls)
607-10.58	1	L.F.	MSD Chain Link Fence (48") (Retaining Walls)
607-10.60	1	L.F.	Pedestrian Fence (Structure)
607-10.63	1	L.F.	Pedestrian Fence (Structure), (42")
607-10.70	1	L.F.	Overpass Safety Fence
607-30.25	1	L.F.	Aluminum Handrail (Structure)
607-30.30	1	L.F.	Aluminum Handrail (IDOT)
607-30.40	1	L.F.	Vertical Picket Rail (Retaining Walls)
607-30.45	1	L.F.	Vertical Picket Rail (Bridges)
607-30.50	1	L.F.	Steel Handrail (14")
607-30.55	1	L.F.	Galvanized Steel Handrail (Structure)
609-20.25	1	L.F.	Integral Curb on Prestressed Concrete Deck Beam (8" High)
701-10.12	1	L.F.	12" Pedestal Pile
701-10.30	1	L.F.	30" Pedestal Pile
701-10.36	1	L.F.	36" Pedestal Pile
701-10.42	1	L.F.	42" Pedestal Pile
701-10.48	1	L.F.	48" Pedestal Pile
701-10.54	1	L.F.	54" Pedestal Pile

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
701-10.60	1	L.F.	60" Pedestal Pile
701-10.66	1	L.F.	66" Pedestal Pile
701-10.72	1	L.F.	72" Pedestal Pile
701-10.84	1	L.F.	84" Pedestal Pile
701-11.02	1	L.F.	Drilled Shafts (2 Ft. 0 In. Dia.)
701-11.04	1	L.F.	Drilled Shafts (3 Ft. 0 In. Dia.)
701-11.05	1	L.F.	Drilled Shafts (3 Ft. 6 In. Dia.)
701-11.07	1	L.F.	Drilled Shafts (4 Ft. 6 In. Dia.)
701-11.09	1	L.F.	Drilled Shafts (5 Ft. 6 In. Dia.)
701-12.01	1	L.F.	Rock Sockets (1 Ft. 6 In. Dia.)
701-12.02	1	L.F.	Rock Sockets (2 Ft. 0 In. Dia.)
701-12.03	1	L.F.	Rock Sockets (2 Ft. 6 In. Dia.)
701-12.04	1	L.F.	Rock Sockets (3 Ft. 0 In. Dia.)
701-12.05	1	L.F.	Rock Sockets (3 Ft. 6 In. Dia.)
701-12.06	1	L.F.	Rock Sockets (4 Ft. 0 In. Dia.)
701-12.08	1	L.F.	Rock Sockets (5 Ft. 0 In. Dia.)
701-13.00	1	EACH	Supplementary Television Camera Inspection
701-14.00	1	L.F.	Foundation Inspection Holes
701-15.00	1	L.F.	Concrete Coring
701-16.00	1	EACH	Sonic Logging Testing
701-99.03	1	L.F.	Misc. Setting Piles in Rock
702-10.10	1	L.F.	Structural Steel Piles (10")
702-10.12	1	L.F.	Structural Steel Piles (12")
702-10.14	1	L.F.	Structural Steel Piles (14")
702-11.00	1	L.F.	Cast-in-Place Pile
702-11.16	1	L.F.	Cast-In-Place Concrete Pile (16 in)
702-12.00	1	L.F.	Precast Concrete Piles
702-12.12	1	L.F.	Galvanized Structural Steel Piles (12")
702-12.14	1	L.F.	Galvanized Structural Steel Piles (14")
702-13.14	1	L.F.	Galvanized Cast-in-Place Concrete Piles (14")
702-14.73	1	L.F.	Structural Steel Piles (HP 14x73)



# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
702-14.89	1	L.F.	Structural Steel Piles (HP 14x89)
702-22.00	1	L.F.	Precast Concrete Pile Cut-Offs
702-30.00	1	L.F.	Test Piles
702-40.00	1	EACH	Loading Tests
702-50.00	1	S.F.	Steel Sheet Piles
702-50.01	1	EACH	Dynamic Pile Testing
702-50.02	1	EACH	Pile Wave Analysis
702-50.12	1	L.F.	12" Diameter Piles (Monotube)
702-60.10	1	L.F.	Pre-Bore for Piling
702-70.00	1	EACH	Pile Point Reinforcement
703-03.00	1	S.F.	Bridge Deck Surface Penetration Sealer
703-05.00	1	L.S.	Graffiti Protection System
703-20.00	0.1	C.Y.	Class "B" Concrete (Culverts-Bridges)
703-20.01	0.1	C.Y.	Class "B" Concrete (Culverts)
703-20.02	0.1	C.Y.	Class "B" Concrete (Miscellaneous)
703-20.03	0.1	C.Y.	Class "B" Concrete (Substructure)
703-20.09	0.1	C.Y.	Class "B" Concrete (Retaining Walls)
703-20.10	1	S.F.	Concrete Face Panels (MSE Retaining Walls)
703-20.15	1	S.F.	Retaining Wall Surface Texturing
703-20.16	1	S.F.	Retaining Wall Surface Staining
703-20.20	1	S.F.	Substructure Repair (Formed)
703-20.21	1	S.F.	Substructure Repair (Unformed)
703-20.22	1	S.F.	Superstructure Repair (Unformed)
703-20.23	1	S.F.	Concrete Repair (Unformed)
703-20.25	1	EACH	Deadman Anchorage Assembly
703-20.30	1	L.F.	Epoxy Crack Sealing
703-20.40	1	L.F.	Epoxy Pressure Injecting
703-20.99	1	S.F.	Tuckpointing
703-25.00	0.1	C.Y.	MSD Class "A" Concrete
703-30.00	0.1	C.Y.	Class "B" Concrete (Seal Course)
703-30.02	0.1	C.Y.	Class "B" Concrete (Seal Course) (Miscellaneous)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
703-40.01	0.1	C.Y.	Class "B-1" Concrete (Culverts)
703-40.02	0.1	C.Y.	Class "B-1" Concrete (Miscellaneous)
703-40.03	0.1	C.Y.	Class "B-1" Concrete (Substructure)
703-40.04	0.1	C.Y.	Class "B-1" Concrete (Superstructure on Steel)
703-40.05	0.1	C.Y.	Class "B-1" Concrete (Superstructure Voided Slabs)
703-40.06	0.1	C.Y.	Class "B-1" Concrete (Superstructure Concrete Box Girder)
703-40.07	0.1	C.Y.	Class "B-1" Concrete (Superstructure Concrete Tee Girder)
703-40.08	0.1	C.Y.	Class "B-1" Concrete (Superstructure Concrete Slabs)
703-40.09	0.1	C.Y.	Class "B-1" Concrete (Retaining Walls)
703-40.10	0.1	C.Y.	Class "B-1" Concrete (Superstructure Concrete on "I" Girder)
703-42.12	1	S.Y.	Slab on Steel
703-42.13	1	L.F.	Type 'D' Barrier Curb
703-42.14	1	L.F.	Type 'D' Barrier Curb (Modified)
703-42.15	1	L.F.	Safety Barrier Curb (Bridges, Cast-in-Place)
703-42.16	1	EACH	Safety Barrier Curb Transition
703-42.17	1	L.F.	Median Barrier Curb (Bridges, Cast-in-Place)
703-42.19	1	L.F.	Remove and Replace Safety Barrier Curb (Bridges, Cast-in-Place)
703-42.20	1	L.F.	Safety Barrier Curb (Culverts, Cast-in-Place)
703-42.21	1	L.F.	Concrete Parapet
703-42.24	1	S.F.	Timber Bridge Deck
703-42.26	1	S.Y.	Reinforced Concrete Slab Overlay
703-42.30	0.1	S.Y.	Slab on Prestressed Concrete Deck Beams
703-42.50	1	S.F.	Sidewalk (Bridges, Cast-in-Place)
703-42.59	1	S.F.	Remove and Replace Sidewalk (Bridges, Cast-in-Place)
703-44.30	1	EACH	Safety Barrier Curb Transition
703-44.40	1	EACH	Bridge Plaque
703-44.99	1	EACH	Special Safety Barrier Curb Transition
703-45.00	1	S.Y.	Class "B-2" Concrete (Superstructure on Concrete "I" Girder)
703-45.01	1	S.Y.	Class "B-2" Concrete (Superstructure on Concrete "NU" Girder)
703-45.02	0.1	C.Y.	Class "B-2" Concrete (Superstructure)
703-45.05	0.1	C.Y.	Class "B-2" Concrete (Culverts)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
703-46.10	1	L.F.	Corral Rail
703-46.11	1	EACH	Corral Rail Transition
703-46.20	0.1	S.Y.	Form Liners
703-50.10	10	S.F.	Repairing Concrete Deck (Half-Soling)
703-50.20	10	S.F.	Full Depth Repair
703-60.00	0.1	C.Y.	Class "A" or Class "X" Concrete
703-70.20	1	L.S.	Spray Applied Pipe Liner
703-70.23	10	S.F.	Epoxy Polymer Concrete Overlay
703-70.26	10	S.F.	Polymer Concrete Overlay
703-70.27	10	S.F.	Silica Fume Concrete Wearing Surface
703-70.28	10	S.F.	Latex Concrete Wearing Surface
703-70.29	10	S.F.	Low Slump Concrete Wearing Surface
703-71.30	1	EACH	Plain Neoprene Bearing Pads (Half Size)
703-71.31	1	EACH	Plain Neoprene Bearing Pads (Full Size)
703-71.45	1	EACH	Laminated Neoprene Bearing Pads
703-71.50	1	EACH	Laminated Neoprene Bearing Pads (Tapered)
703-71.60	1	EACH	Laminated Neoprene Bearing Pads (Steel Structures)
703-71.65	1	EACH	Laminated Neoprene Bearing Pads (P/S Structures)
703-90.10	1	S.F.	Mechanically Stabilized Earth Retaining Wall
703-90.13	1	S.F.	Modular Block Wall (h>4')
703-90.15	1	S.F.	Modular Block Wall (h<4')
703-90.16	1	S.F.	Modular Block Slope Protection
703-90.17	1	S.F.	Plantable Modular Block Retaining Wall/Slope System
703-90.20	1	L.S.	Weathered Limestone Boulder Wall
703-90.25	1	S.F.	Stone Retaining Wall
703-90.26	1	S.F.	Brick Retaining Wall
703-90.30	1	S.F.	Precast Modular Gravity Retaining Wall
703-90.90	1	S.F.	Special Modular Block Wall (h<4')
703-90.92	1	S.F.	Cellular Confinement Wall
703-90.94	1	S.F.	Reinforced Earth Wall
703-90.96	1	S.F.	Soil Nail Wall

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
703-90.98	1	L.S.	Temporary Retaining Walls
703-99.00	1	S.F.	Permanent Steel Sheet Piling
703-99.10	1	L.S.	Soil Improvement System
704-01.64	1	S.F.	Fiber Reinforced Polymer Reinforcement
704-10.00	0.1	C.Y.	Class "X" Concrete
705-11.40	1	EACH	Prestressed Concrete Members, I-Section, 40' Span
705-11.43	1	EACH	Prestressed Concrete Members, I-Section, 43' Span
705-11.44	1	EACH	Prestressed Concrete Members, I-Section, 44' Span
705-11.51	1	EACH	Prestressed Concrete Members, I-Section, 51' Span
705-11.60	1	EACH	Prestressed Concrete Members, I-Section, 60' Span
705-14.20	1	EACH	Prestressed Concrete Members, Box Section, 20' Span
705-14.23	1	EACH	Prestressed Concrete Members, Box Section, 23' Span
705-14.24	1	EACH	Prestressed Concrete Members, Box Section, 24' Span
705-14.28	1	EACH	Prestressed Concrete Members, Box Section, 28' Span
705-14.32	1	EACH	Prestressed Concrete Members, Box Section, 32' Span
705-14.33	1	EACH	Prestressed Concrete Members, Box Section, 33' Span
705-14.36	1	EACH	Prestressed Concrete Members, Box Section, 36' Span
705-14.37	1	EACH	Prestressed Concrete Members, Box Section, 37' Span
705-14.38	1	EACH	Prestressed Concrete Members, Box Section, 38' Span
705-14.39	1	EACH	Prestressed Concrete Members, Box Section, 39' Span
705-14.40	1	EACH	Prestressed Concrete Members, Box Section, 40' Span
705-14.45	1	EACH	Prestressed Concrete Members, Box Section, 45' Span
705-14.48	1	EACH	Prestressed Concrete Members, Box Section, 48' Span
705-14.52	1	EACH	Prestressed Concrete Members, Box Section, 52' Span
705-14.57	1	EACH	Prestressed Concrete Members, Box Section, 57' Span
705-14.58	1	EACH	Prestressed Concrete Members, Box Section, 58' Span
705-14.65	1	EACH	Prestressed Concrete Members, Box Section, 65' Span
705-14.72	1	EACH	Prestressed Concrete Members, Box Section, 72' Span
705-60.23	1	L.F.	Prestressed Concrete Members, NU Girders
705-60.30	1	L.F.	11 in., Prestressed Concrete Solid Slab Beam
705-60.41	1	L.F.	17 In. Prestressed Concrete Voided Slab Beam

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
706-10.00	10	LBS.	Reinforcing Steel (Grade 60)
706-10.40	10	LBS.	Reinforcing Steel (Retaining Walls)
706-10.60	10	LBS.	Reinforcing Steel (Bridges)
706-10.70	1	EACH	Mechanical Bar Splice
707-10.00	1	L.S.	Conduit System on Structure
707-10.40	1	L.S.	Cathodic Protection System
707-98.99	1	L.S.	Gas Line Bracket Assembly
707-99.99	1	L.S.	Water Pipe Bracket Assembly
709-10.00	1	S.F.	Waterproofing
709-10.20	1	S.Y.	Bridge Deck Waterproofing (Liquid Membrane)
710-10.10	10	LBS.	Reinforcing Steel (Epoxy-Coated)
710-60.00	10	LBS.	Reinforcing Steel (Epoxy-Coated) (Grade 60)
711-02.00	1	L.S.	Protective Coating - Concrete Bents and Piers (Epoxy)
711-10.90	1	L.F.	Prestressed Box Girder Joint Repair
712-09.15	1	L.F.	Expansion Device (Flat Plate)
712-09.20	1	L.F.	Compression Seal Joint with Armor Angles
712-10.00	10	LBS.	Fabricated Structural Carbon Steel (Miscellaneous)
712-10.10	10	LBS.	Fabricated Structural Carbon Steel (I-Beam)
712-10.20	10	LBS.	Fabricated Structural Carbon Steel (Plate Girders)
712-10.60	1	LBS.	Fabricated Sign Support Brackets (Steel)
712-11.00	10	LBS.	Fabricated Structural Low Alloy Steel (Misc.) (A-709) Grade 50
712-11.10	10	LBS.	Fabricated Structural Low Alloy Steel (I-Beam) (A-441)
712-11.11	10	LBS.	Fabricated Structural Low Alloy Steel (I-Beam) (A-709) Grade 50
712-11.12	10	LBS.	Fabricated Low Alloy Steel (Miscellaneous) (A-572)
712-11.20	10	LBS.	Fabricated Structural Low Alloy Steel (Plate Girders) (A-441)
712-11.21	10	LBS.	Fabricated Structural Low Alloy Steel (Plate Girders) (A-572)
712-11.22	10	LBS.	Fabricated Structural Low Alloy Steel (Plate Girder) A709, Grade 50W
712-11.40	10	LBS.	Fabricated Structural Low Alloy Steel (Concrete)
712-11.59	1	EACH	Shear Connectors
712-13.00	10	LBS.	Fabricated Structural Steel Bearings
712-20.00	10	LBS.	Carbon Steel Castings

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
712-21.00	10	LBS.	Malleable Iron Castings
712-22.00	10	LBS.	Gray Iron Castings
712-30.00	1	EACH	Steel Bar Dams
712-31.00	1	EACH	Cleaning and Painting Existing Bearings
712-32.10	1	EACH	Earthquake Restrainer Assemblies
712-36.10	1	EACH	Slab Drain
712-36.20	1	L.S.	Drainage System (On Structure)
712-40.00	1	L.S.	Painting
712-52.00	1	S.F.	Surface Preparation for Recoating Structural Steel
712-52.10	1	S.F.	Inorganic Zinc Primer
712-53.65	1	S.F.	Intermediate Field Coat (System G) Gray
712-53.70	1	S.F.	Finish Field Coat (System G) Gray
712-60.00	10	LBS.	Galvanize Structural Steel
712-70.95	1	EACH	Fabricated Steel Plates, 4'x6' Over Trenches or Structures
713-10.00	1	L.F.	Bridge Guardrail (Single-Rail)
713-20.00	1	L.F.	Bridge Guardrail (Double-Rail)
713-30.00	1	L.F.	Timber Bridge Rail
715-10.00	1	EACH	Vertical Drain at End Bents
716-10.10	1	EACH	Plain Neoprene Bearing Pads (Half Size)
716-10.11	1	EACH	Plain Neoprene Bearing Pads (Full size)
716-10.20	1	EACH	Laminated Neoprene Bearing Pads (Half Size)
716-10.21	1	EACH	Laminated Neoprene Bearing Pads (Full Size)
716-20.00	1	EACH	Laminated Neoprene Bearing Pad Assembly
716-30.00	1	EACH	Type N PTFE Bearings
716-40.00	1	EACH	Pot Bearings
716-50.00	1	EACH	Fabric Bearing Pads (Half Size)
716-50.01	1	EACH	Fabric Bearing Pads (Full Size)
717-20.01	1	L.F.	Strip Seal Expansion Joint System
718-10.00	1	L.F.	Temporary Bridge
718-10.99	1	L.S.	Temporary Bridge Superstructure
719-10.00	1	S.F.	Pedestrian Truss Superstructure

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
719-10.10	1	EACH	Prefabricated Structural Steel Bridge
720-10.00	1	S.F.	Mechanically Stabilized Earth Wall Systems
720-10.10	1	S.F.	Mechanically Stabilized Earth Wall Systems (Small Block)
720-10.20	1	S.F.	Mechanically Stabilized Earth Wall Systems (Large Block)
720-70.10	0.5	C.Y.	Class 1 Excavation (Soldier Pile Retaining Walls)
720-70.30	0.1	C.Y.	Class B Concrete (Soldier Pile Retaining Walls)
720-70.61	10	LBS.	Reinforcing Steel (Epoxy Coated ) (Grade 60) (Soldier Pile Retaining Walls)
720-70.70	1	S.Y.	Geocomposite Wall Drain (Soldier Pile Retaining Walls)
720-70.71	1	S.F.	Untreated Timber Lagging (Soldier Pile Retaining Walls)
720-70.72	1	EACH	Stud Shear Connectors (Soldier Pile Retaining Walls)
720-70.73	1	L.F.	Furnishing Soldier Piles (W Section)
720-70.74	1	EACH	Setting Soldier Piles
720-70.75	1	L.F.	Drilling Soldier Piles (in Soil)
720-70.76	1	L.F.	Drilling Soldier Piles (in Rock)
720-70.77	1	L.F.	Foundation Inspection Holes (Soldier Pile Retaining Walls)
720-70.80	1	S.Y.	Form Liners (Soldier Pile Retaining Walls)
720-70.90	1	L.S.	Opaque Surface Sealer (Soldier Pile Retaining Walls)
725-10.00	1	EACH	Pipe Pile Spacers
725-15.00	1	EACH	Corrugated Metal Pipe Pile Spacers
726-01.80	1	L.S.	Precast Single 8'H x 10'W Box Culvert with Cast-in-Place Ends
726-02.80	1	L.S.	Precast Double 8'H x 10'W Box Culvert with Cast-in-Place Ends
726-10.32	1	L.F.	Precast Concrete Bridge (32' Span)
726-10.36	1	L.F.	Precast Concrete Bridge (36' Span)
726-10.38	1	L.F.	Precast Concrete Bridge (38' Span)
726-10.42	1	L.F.	Precast Concrete Bridge (42' Span)
726-26.96	1	L.F.	96" Reinforced Concrete Culvert (Pipe-Arch)
726-70.00	1	EACH	Galvanized Scuppers
726-70.01	1	EACH	Barrier Scuppers
726-70.02	1	EACH	Drainage Scupper (IDOT)
727-10.02	1	L.F.	102" Structural Plate Pipe Culvert
727-10.08	1	L.F.	108" Structural Plate Pipe Culvert

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
727-10.14	1	L.F.	114" Structural Plate Pipe Culvert
727-10.20	1	L.F.	120" Structural Plate Pipe Culvert
727-10.26	1	L.F.	126" Structural Plate Pipe Culvert
727-10.32	1	L.F.	132" Structural Plate Pipe Culvert
727-10.38	1	L.F.	138" Structural Plate Pipe Culvert
727-10.44	1	L.F.	144" Structural Plate Pipe Culvert
727-10.50	1	L.F.	150" Structural Plate Pipe Culvert
727-10.56	1	L.F.	156" Structural Plate Pipe Culvert
727-10.60	1	L.F.	60" Structural Plate Pipe Culvert
727-10.62	1	L.F.	162" Structural Plate Pipe Culvert
727-10.66	1	L.F.	66" Structural Plate Pipe Culvert
727-10.68	1	L.F.	168" Structural Plate Pipe Culvert
727-10.72	1	L.F.	72" Structural Plate Pipe Culvert
727-10.74	1	L.F.	174" Structural Plate Pipe Culvert
727-10.78	1	L.F.	78" Structural Plate Pipe Culvert
727-10.80	1	L.F.	180" Structural Plate Pipe Culvert
727-10.84	1	L.F.	84" Structural Plate Pipe Culvert
727-10.90	1	L.F.	90" Structural Plate Pipe Culvert
727-10.96	1	L.F.	96" Structural Plate Pipe Culvert
727-20.01	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-1
727-20.02	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-2
727-20.03	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-3
727-20.04	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-4
727-20.05	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-5
727-20.06	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-6
727-20.07	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-7
727-20.08	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-8
727-20.09	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-9
727-20.10	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-10
727-20.11	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-11
727-20.12	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-12



# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
727-20.13	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-13
727-20.14	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-14
727-20.15	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-15
727-20.16	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-16
727-20.17	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-17
727-20.18	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-18
727-20.19	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-19
727-20.20	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-20
727-20.21	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-21
727-20.22	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-22
727-20.23	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-23
727-20.24	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-24
727-20.25	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-25
727-20.26	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-26
727-20.27	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-27
727-20.28	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-28
727-20.29	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-29
727-20.30	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-30
727-20.31	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-31
727-20.32	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-32
727-20.33	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-33
727-20.34	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-34
727-20.35	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-35
727-20.36	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-36
727-20.37	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-37
727-20.38	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-38
727-20.39	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-39
727-20.40	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-40
727-20.41	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-41
727-20.42	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-42
727-20.43	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-43

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Structural Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
727-20.44	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-44
727-20.45	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-45
727-20.46	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-46
727-20.47	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-47
727-20.48	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-48
727-20.49	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-49
727-20.50	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-50
727-20.51	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-51
727-20.52	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-52
727-20.53	1	L.F.	Structural Plate Pipe-Arch Culvert Type C-53
732-90.00	1	EACH	Precast Concrete Weir Panel
733-10.04	1	L.F.	Precast Concrete Box Culvert (10' Width x 4' Height)
733-11.04	1	L.F.	Precast Concrete Box Culvert (11' Width by 4' Height)
733-12.04	1	L.F.	Precast Concrete Box Culvert (12' Width by 4' Height)
733-12.05	1	L.F.	Precast Concrete Box Culvert (12' Width by 5' Height)
733-12.08	1	L.F.	Precast Concrete Box Culvert (12' Width by 8' Height)
733-12.10	1	L.F.	Precast Concrete Box Culvert (12' Width by 10' Height)
733-14.07	1	L.F.	Precast Concrete Box Culvert (14' Width by 7' Height)
733-16.07	1	L.F.	Precast Concrete Box Culvert (16' Width by 7' Height)
733-16.10	1	L.F.	Precast Concrete Box Culvert (16' Width x 10' Height)
733-20.08	1	L.F.	Precast Concrete Double Box Culvert (8' Width x 6' Height)
733-20.10	1	L.F.	Precast Concrete Double Box Culvert (10' Width x 10' Height)
734-00.01	1	EACH	Cast-in-Place Flared End Section for Concrete Box Culvert
734-00.02	1	EACH	Cast-in-Place Flared End Section for Concrete Double Box Culvert
735-10.00	1	S.F.	Railroad Tie Wall

# *St. Louis County Department of Transportation*

## *Bid Item Numbers Pedestrian and Bicycle Items*

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
201-20.11	1	L.S.	Clearing Vegetation from the Pedestrian Access Route
310-40.01	1	C.Y.	Trail Surface Aggregate (3/8" minus)
412-20.00	1	EACH	Sidewalk Grinding
502-30.15	1	L.F.	Joint Sealant for Concrete Sidewalks
503-10.15	1	S.F.	Bridge Approach Sidewalk (Bridge)
604-19.90	0.1	S.Y.	Special Concrete Flume
604-19.91	1	EACH	Special Flume Top
604-19.92	0.1	S.Y.	Sidewalk Bridge And Flume
607-30.00	1	L.F.	Handrail (Galvanized Pipe)
607-30.20	1	L.F.	Aluminum Handrail
608-60.00	0.1	S.Y.	Concrete Sidewalk
608-60.04	0.1	S.Y.	Concrete Sidewalk (4" Thick)
608-60.05	0.1	S.Y.	Concrete Sidewalk (5" Thick)
608-60.06	0.1	S.Y.	Concrete Sidewalk (6" Thick)
608-60.07	0.1	S.Y.	Concrete Sidewalk, Curb Ramp (7" Thick)
608-60.08	1	EACH	Concrete Sidewalk, Curb Ramp
608-60.14	0.1	S.Y.	Temporary Concrete Sidewalk (4" Thick, Includes Removal)
608-60.17	0.1	S.Y.	Concrete Sidewalk (7" Thick)
608-60.20	1	S.F.	Concrete Sidewalk, Decorative Finish
608-60.30	1	L.F.	Sidewalk Toe Wall
608-60.40	0.1	S.Y.	Combination Curb and Sidewalk
608-60.46	0.1	S.Y.	Remove and Replace Combination Curb and Sidewalk
608-60.56	0.1	S.Y.	Concrete Sidewalk (6" Reinforced)
608-60.60	0.1	S.Y.	Combination Sidewalk and Shoulder
608-60.80	0.1	S.Y.	Combination Wall and Sidewalk, Type "A"
608-60.81	0.1	S.Y.	Combination Wall and Sidewalk, Type "B"
608-60.90	1	EACH	Customization and Verification of ADA Facility
608-60.92	0.1	S.Y.	Remove and Replace Concrete Sidewalk, Curb Ramp with Shared Use Path Curb Ramp (7" Thick)
608-60.93	1	EACH	Remove and Replace Concrete Curb Ramp
608-60.94	0.1	S.Y.	Remove and Replace Concrete Sidewalk (4" Thick)
608-60.95	0.1	S.Y.	Remove and Replace Concrete Sidewalk with Shared Use Path (4" Thick)

***St. Louis County Department of Transportation***  
***Bid Item Numbers Pedestrian and Bicycle Items***

*Friday, February 16, 2024*

<b><i>Item Number</i></b>	<b><i>Accuracy</i></b>	<b><i>Unit</i></b>	<b><i>Description</i></b>
608-60.96	0.1	S.Y.	Remove and Replace Concrete Sidewalk (6" Thick)
608-60.97	0.1	S.Y.	Remove and Replace Concrete Sidewalk, Curb Ramp (7" Thick)
608-60.98	1	S.F.	Truncated Domes for Curb Ramps (New Construction)
608-60.99	1	S.F.	Truncated Domes for Curb Ramps (Retrofit Construction)
608-70.00	0.1	S.F.	Concrete Steps
608-70.10	0.1	S.Y.	Concrete Walk and Toe Wall
608-70.20	0.1	S.Y.	Concrete Walk and Curb
608-70.30	1	EACH	6' Concrete Bench
608-90.04	0.1	S.Y.	Exposed Aggregate Concrete Sidewalk (4" Thick)
608-90.06	0.1	S.Y.	6" Reinforced Exposed Aggregate Concrete Sidewalk

# *St. Louis County Department of Transportation*

## *Bid Item Numbers County Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
901-13.50	1	EACH	Wall Pack Luminaire
902-49.80	1	EACH	Relocate Video Detection System
903-10.00	1	L.S.	Permanent Traffic Control Signing
904-00.00	1	L.S.	Signal Improvements (Preliminary Estimate)
904-01.13	1	EACH	Signal Head, Type 3T
904-01.14	1	EACH	Signal Head, Type 4T
904-01.15	1	EACH	Signal Head, Type 5T
904-01.33	1	EACH	Signal Head, Type 33T
904-01.34	1	EACH	Signal Head, Type 34T
904-01.35	1	EACH	Signal Head, Type 35T
904-02.12	1	EACH	Signal Head, Type 2S
904-02.13	1	EACH	Signal Head, Type 3S
904-02.14	1	EACH	Signal Head, Type 4S
904-02.15	1	EACH	Signal Head, Type 5S
904-02.33	1	EACH	Signal Head, Type 33S
904-02.34	1	EACH	Signal Head, Type 34S
904-02.35	1	EACH	Signal Head, Type 35S
904-02.44	1	EACH	Signal Head, Type 44S
904-02.45	1	EACH	Signal Head, Type 45S
904-02.55	1	EACH	Signal Head, Type 55S
904-02.76	1	EACH	Signal Head, Type 344S
904-05.43	1	EACH	Signal Head, Type 3B, Terminal Compartment, and Astro Bracket Mounting
904-05.44	1	EACH	Signal Head, Type 4B, Terminal Compartment, and Astro Bracket Mounting
904-05.45	1	EACH	Signal Head, Type 5B Cluster Assembly, Terminal Compartment, and Astro Bracket Mounting
904-05.53	1	EACH	Signal Head, Type 3B, Horizontal Mounting w/Terminal Compartment
904-11.13	1	EACH	Signal Head, Type 3T, OL
904-12.13	1	EACH	Signal Head, Type 3S, OL
904-12.14	1	EACH	Signal Head, Type 4S, OL
904-12.15	1	EACH	Signal Head, Type 5S, OL
904-13.43	1	EACH	Signal Head, Type 3B, OL, Terminal Compartment, and Astro Bracket Mounting
904-13.44	1	EACH	Signal Head, Type 4B, OL, Terminal Compartment, and Astro Bracket Mounting

# *St. Louis County Department of Transportation*

## *Bid Item Numbers County Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
904-21.33	1	EACH	Signal Head, Type 33S, OL and Conventional Combination
904-22.33	1	EACH	Signal Head, Type 33B OL and Conventional Combination
904-24.01	1	EACH	Signal Head, Type 1S, Pedestrian
904-26.50	1	EACH	150 Watt, 120 Volt, Luminaire, High Pressure Sodium
904-27.15	1	EACH	Post, Signal, w/Sq. Pedestal Base, 15' Total Height, Aluminum
904-28.07	1	EACH	Post, Signal, w/Sq. Pedestal Base and Post Cap, 7' Maximum Total Height, Aluminum
904-28.10	1	EACH	Post, Signal, w/Sq. Pedestal Base and Post Cap, 10' Total Height, Aluminum
904-28.21	1	EACH	Post, Signal, w/Sq. Pedestal Base and Post Cap, 21' Total Height, Aluminum
904-29.06	1	EACH	6' Camera Mounting Assembly, Astro Bracket and Mounting Hardware
904-29.08	1	EACH	8' Camera Mounting Assembly, Astro Bracket and Mounting Hardware
904-29.14	1	EACH	Post, Extension, 4-1/2" O.D. x 14', Aluminum, w/Mounting Hardware and Post Cap
904-30.02	1	EACH	Rectangular Rapid Flashing Beacon w/ Crosswalk Illuminator (Beacon Assembly, Control Unit Cabinet, Battery, Solar Panel, Push Button w/ Cable, and Luminaire Arm w/ Light Fixture)
904-32.12	1	EACH	19' Pole, w/12' Mast Arm, Steel
904-32.14	1	EACH	19' Pole, w/14' Mast Arm, Steel
904-32.16	1	EACH	19' Pole, w/16' Mast Arm, Steel
904-32.18	1	EACH	19' Pole, w/18' Mast Arm, Steel
904-32.20	1	EACH	19' Pole, w/20' Mast Arm, Steel
904-32.22	1	EACH	19' Pole, w/22' Mast Arm, Steel
904-32.24	1	EACH	19' Pole, w/24' Mast Arm, Steel
904-32.26	1	EACH	19' Pole, w/26' Mast Arm, Steel
904-32.28	1	EACH	19' Pole, w/28' Mast Arm, Steel
904-32.30	1	EACH	19' Pole, w/30' Mast Arm, Steel
904-32.32	1	EACH	19' Pole, w/32' Mast Arm, Steel
904-32.34	1	EACH	19' Pole, w/34' Mast Arm, Steel
904-32.36	1	EACH	19' Pole, w/36' Mast Arm, Steel
904-32.38	1	EACH	19' Pole, w/38' Mast Arm, Steel
904-32.40	1	EACH	19' Pole, w/40' Mast Arm, Steel
904-32.42	1	EACH	19' Pole, w/42' Mast Arm, Steel
904-32.44	1	EACH	19' Pole, w/44' Mast Arm, Steel
904-33.26	1	EACH	28' Pole, w/26' Mast Arm, Steel

# *St. Louis County Department of Transportation*

## *Bid Item Numbers County Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
904-33.30	1	EACH	28' Pole, w/30' Mast Arm, Steel
904-33.32	1	EACH	28' Pole, w/32' Mast Arm, Steel
904-33.34	1	EACH	28' Pole, w/34' Mast Arm, Steel
904-33.36	1	EACH	28' Pole, w/36' Mast Arm, Steel
904-33.38	1	EACH	28' Pole, w/38' Mast Arm, Steel
904-33.40	1	EACH	28' Pole, w/40' Mast Arm, Steel
904-33.44	1	EACH	28' Pole, w/44' Mast Arm, Steel
904-34.15	1	EACH	Luminaire Arm, 15'
904-40.99	1	EACH	Lighting Control Cabinet
904-43.48	1	EACH	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
904-43.87	1	EACH	Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 67"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
904-43.88	1	EACH	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
904-43.89	1	EACH	Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 77"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
904-43.90	1	EACH	Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 67"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
904-44.88	1	EACH	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 FSK Modem, TS2, Type 2, w/Battery Backup
904-45.01	1	EACH	Controller Unit Only, w/Internal Fiber Optic Modem, TS2, Type 2
904-45.05	1	EACH	Malfunction Management Unit
904-45.10	1	EACH	Cabinet Door Locking Assembly, Electronic, (with Power Supply, Auxiliary Power Input, Electronic Solenoid, and Card Reader with Key Pad)
904-46.10	1	EACH	Fiber Optic Cable Termination Housing
904-46.20	1	EACH	Fiber Optic Internal Modem (Compatible With Existing Controller)
904-46.30	1	EACH	Fiber Optic Cable Termination Housing, in Aluminum Cabinet Approx. 36"H x 24"W x 22"D, Ground Mounted
904-46.40	1	EACH	Wireless Communication Device
904-46.41	1	EACH	Wireless Communication Assembly
904-47.13	1	EACH	Closed Loop System Master Unit, w/Internal Fiber Optic Modem and External Modem
904-49.20	1	EACH	Detector, Pedestrian Push Button, Freezeproof

# St. Louis County Department of Transportation

## Bid Item Numbers County Traffic Signal Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
904-49.22	1	EACH	Detector, Pedestrian Push Button, APS, Freezeproof
904-49.35	1	EACH	Detector, Vehicle Induction Loop, Card Rack Mtg., 2 Channel, w/Delay and Extension Timing and Relay Outputs
904-49.50	1	EACH	Pan Tilt Zoom (PTZ) Internet Protocol Video Surveillance Camera System (Camera w/ Bracket)
904-49.51	1	EACH	Pan Tilt Zoom (PTZ) Internet Protocol Video Surveillance Camera System (Camera w/Bracket, Managed Ethernet Switch, and Misc. Cables)
904-49.53	1	EACH	Relocation of Pan Tilt Zoom (PTZ) Internet Protocol Video Surveillance Camera System (Camera w/Bracket, Managed Ethernet Switch, and Misc. Cables)
904-49.99	1	EACH	Vehicle Video Detection System (Cameras w/ Internal Digital Video Processors, Mounting Brackets, Camera Control Unit, Power Supply, and PoE Arrestor)
904-50.75	1	L.F.	Conduit, 3/4"
904-51.00	1	L.F.	Conduit, 1"
904-51.03	1	L.F.	Conduit, 1" PVC, drilled thru pavement into existing pull box
904-51.25	1	L.F.	Conduit, 1-1/4"
904-51.50	1	L.F.	Conduit, 1-1/2"
904-51.52	1	L.F.	Conduit, 1-1/2" on Bridge Structure
904-52.00	1	L.F.	Conduit, 2"
904-52.01	1	L.F.	Conduit, 2", Steel, Under Railroad Tracks
904-52.02	1	L.F.	Conduit, 2" on Bridge Structure
904-52.03	1	L.F.	Conduit, 2", PE Duct, Under Railroad Tracks
904-52.50	1	L.F.	Conduit, 2-1/2"
904-53.00	1	L.F.	Conduit, 3"
904-54.00	1	L.F.	Conduit, 4"
904-55.00	1	L.F.	Conduit, 5"
904-74.99	1	EACH	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)
904-82.04	10	L.F.	Cable, Power, #4 Gauge, 1 Conductor
904-82.06	10	L.F.	Cable, Power, #6 Gauge, 1 Conductor
904-83.02	10	L.F.	Cable, Lighting, #14 Gauge, 2 Conductor
904-83.05	10	L.F.	Cable, Signal, #14 Gauge, 5 Conductor
904-83.07	10	L.F.	Cable, Signal, #14 Gauge, 7 Conductor
904-84.00	10	L.F.	Wire, Stranded Ground, #6 Gauge
904-85.05	10	L.F.	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Conduit and Pull Boxes)



# St. Louis County Department of Transportation

## Bid Item Numbers County Traffic Signal Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
904-85.06	10	L.F.	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Sawed Slot)
904-85.18	10	L.F.	Cable, Push Button and/or Detector Loop Lead-In, #18 Gauge, 2 Conductor (Shielded)
904-85.32	10	L.F.	Cable, Communication, #16 Gauge, 3 Pair (Shielded)
904-85.34	1	L.F.	Cable, Communication, #18 Gauge, 4 Conductor (APS)
904-85.36	10	L.F.	Cable, Communication, Fiber Optic, 36 Fibers (30 Single-Mode and 6 Multi-Mode)
904-85.37	10	L.F.	Cable, Communication, Fiber Optic, (12 Single-Mode)
904-85.38	10	L.F.	Cable, Communication, Fiber Optic, (48 Single-Mode)
904-85.81	10	L.F.	Cable, Communication, Power, Power over Ethernet, #24 Gauge, 4 Pair (Shielded)
904-85.84	10	L.F.	Cable, Priority Control Receiver, #20 Gauge, 3 Conductor (Shielded)
904-86.01	1	EACH	Power Supply Assembly, on Wood Utility Pole, 120/240 Volt
904-86.02	1	EACH	Power Supply Assembly, on Steel Post w/Concrete Embedment, 120/240 Volt
904-87.35	1	EACH	Pole, 35' Wood, Class II
904-88.01	1	EACH	Pull Box, Single, Concrete
904-88.02	1	EACH	Pull Box, Double, Concrete
904-89.12	1	EACH	Preformed Pull Box (12"W x 12"L x 12"H), Reinforced Polymer Concrete
904-89.13	1	EACH	Preformed Pull Box (13"W x 24"L x 18"H), Reinforced Polymer Concrete
904-89.17	1	EACH	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete
904-89.19	1	EACH	Preformed Circular Pull Box, Class 5
904-90.01	1	EACH	Apron, Concrete (Around Existing Preformed Pull Box)
904-90.13	1	EACH	Preformed Pull Box (13"W x 24"L x 18"H), Reinforced Polymer Concrete w/1' Concrete Apron
904-90.17	1	EACH	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete w/1' Concrete Apron
904-90.19	1	EACH	Preformed Circular Pull Box, Class 5, w/1' Concrete Apron
904-91.00	1	EACH	Pad, Controller, Concrete
904-91.43	1	EACH	Base, Type P-3, Concrete
904-91.56	1	EACH	Base, Type B-6, Concrete
904-91.57	1	EACH	Base, Type B-7, Concrete
904-91.59	1	EACH	Base, Type B-9, Concrete
904-91.73	1	EACH	Base, Type C-3, Concrete
904-91.75	1	EACH	Base, Type C-5, Concrete
904-91.84	1	EACH	Base, Type D-4PH, Concrete

# *St. Louis County Department of Transportation*

## *Bid Item Numbers County Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
904-91.88	1	EACH	Base, Type D-8PH, Concrete
904-91.89	1	EACH	Base, Type D-8PH-R, Concrete
904-91.90	1	EACH	Base, Type E-3, Concrete
904-91.98	1	EACH	Preformed Base, Controller, (40"Wx58"Lx24"H) Reinforced Polymer Concrete
904-91.99	1	EACH	Preformed Base, Controller (24"W x 36"L x 18"H), Reinforced Polymer Concrete
904-93.00	1	EACH	Span Wire Assembly
904-93.10	1	EACH	Temporary Signal Installation
904-93.20	1	EACH	Temporary Traffic Detection System
904-93.21	1	EACH	Roadside Unit
904-95.10	1	EACH	Opening Drilled in Existing Concrete Pull Box
904-95.20	1	EACH	Removal of Concrete Single Pull Box
904-95.21	1	EACH	Removal of Concrete Double Pull Box
904-95.30	1	EACH	Removal of Preformed Pull Box
904-95.31	1	EACH	Adjustment of Preformed Pull Box
904-95.40	1	EACH	Adjustment of Concrete Single Pull Box
904-95.42	1	EACH	Adjustment of Concrete Double Pull Box
904-96.10	1	EACH	Conduit Connection to Existing Concrete Base
904-96.15	1	EACH	Removal of Concrete Base, Type P, C, E, (Full Depth)
904-96.16	1	EACH	Removal of Concrete Base, Type A, B, F, (Full Depth, Under 3.0 Cubic Yards)
904-96.17	1	EACH	Removal of Concrete Base, Type A, F, (Full Depth, Over 3.0 Cubic Yards)
904-96.18	1	EACH	Removal of Concrete Controller Base (Full Depth)
904-96.20	1	EACH	Removal of Concrete Base
904-96.21	1	EACH	Removal of Concrete Controller Base
904-96.22	1	EACH	Removal of Preformed Controller Base
904-97.20	1	EACH	Removal of Signal Equipment (Intersection)
904-97.33	1	EACH	Removal of Existing Controller Cabinet
904-97.40	1	EACH	Removal of Signal Post
904-97.41	1	EACH	Removal of Mast Arm
904-97.42	1	EACH	Removal of Signal Head
904-97.43	1	EACH	Removal of Power Supply Assembly
904-98.30	1	EACH	Relocation of Existing Traffic Signal Controller Cabinet

# *St. Louis County Department of Transportation*

## *Bid Item Numbers County Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
904-98.40	1	EACH	Relocation of Existing Signal Post
904-98.50	1	EACH	Relocation of Existing Mast Arm
904-98.60	1	EACH	Relocation of Existing Push Button
904-98.70	1	EACH	Relocation of Existing Signal Head
904-98.81	1	L.F.	Relocation of Existing Interconnect Cable
904-98.89	1	L.F.	Relocation of Existing Signal Cables
904-98.90	1	EACH	Remove and Replace Fire Preemption Equipment
904-98.99	1	EACH	Relocation of Existing Power Supply Assembly
904-99.01	1	L.S.	De-Energize Overhead Power Lines
904-99.02	1	EACH	School Zone Beacon Wireless Communication Equipment
904-99.03	1	L.S.	Electric Generator
904-99.05	1	EACH	School Zone Beacon Assembly (Wired)
904-99.09	1	EACH	Fiber-Optic Termination
904-99.10	1	EACH	Fiber-Optic Fusion Splice
904-99.11	1	EACH	PTZ Camera System
904-99.12	1	EACH	Network Switch
904-99.13	1	EACH	License for PTZ Camera
904-99.14	1	EACH	Ethernet Switch
904-99.24	1	L.S.	Intelligent Traffic Systems (ITS)
904-99.28	1	EACH	Delineator Post, Drivable, Buried Cable Marker, Orange
904-99.30	1	EACH	Evaluation of MoDOT Controller Cabinet Power Requirements
904-99.40	1	EACH	Modification of Controller Phasing (Intersection)
904-99.91	1	EACH	Apron, Concrete (around existing Preformed Pull Box)
904-99.92	1	EACH	Cable Repair Kit, Communication, Multi-conductor Signal Cable Cable Repair Kit, Communication, Multi-conductor Signal Cable
904-99.93	1	EACH	Fiber Optic Cable Pigtail
904-99.99	1	EACH	Battery Backup System
905-01.15	1	EACH	Install Only, Signal Head, Type 5T
905-02.13	1	EACH	Install Only, Signal Head, Type 3S
905-05.43	1	EACH	Install Only, Signal Head, Type 3B w/BP, Terminal Compartment, and Astro Bracket Mounting
905-05.45	1	EACH	Install Only, Signal Head, Type 5B Cluster Assembly w/BP, Terminal Compartment, and Astro Bracket Mounting

# *St. Louis County Department of Transportation*

## *Bid Item Numbers County Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
905-24.01	1	EACH	Install Only, Signal Head, Type 1S, Pedestrian, w/"Hand-Walking Person" Symbol (16"x18")
905-27.15	1	EACH	Install Only, Post, Signal, w/Sq. Pedestal Base, 15' Total Height, Aluminum
905-32.00	1	EACH	Install Only, 19' Pole w/ Any Length Mast Arm, Steel
905-32.16	1	EACH	Install Only, 19' Pole, w/16' Mast Arm, Steel
905-32.18	1	EACH	Install Only, 19' Pole, w/18' Mast Arm, Steel
905-32.22	1	EACH	Install Only, 19' Pole, w/22' Mast Arm, Steel
905-32.24	1	EACH	Install Only, 19' Pole, w/24' Mast Arm, Steel
905-32.26	1	EACH	Install Only, 19' Pole, w/26' Mast Arm, Steel
905-32.28	1	EACH	Install Only, 19' Pole, w/28' Mast Arm, Steel
905-32.30	1	EACH	Install Only, 19' Pole, w/30' Mast Arm, Steel
905-32.32	1	EACH	Install Only, 19' Pole, w/32' Mast Arm, Steel
905-32.34	1	EACH	Install Only, 19' Pole, w/34' Mast Arm, Steel
905-32.36	1	EACH	Install Only, 19' Pole, w/36' Mast Arm, Steel
905-32.38	1	EACH	Install Only, 19' Pole, w/38' Mast Arm, Steel
905-32.40	1	EACH	Install Only, 19' Pole, w/40' Mast Arm, Steel
905-32.42	1	EACH	Install Only, 19' Pole, w/42' Mast Arm, Steel
905-32.44	1	EACH	Install Only, 19' Pole, w/44' Mast Arm, Steel
905-32.48	1	EACH	Install Only, 19' Pole, w/48' Mast Arm, Steel
905-32.50	1	EACH	Install Only, 19' Pole, w/50' Mast Arm, Steel
905-33.20	1	EACH	Install Only, 28' Pole, w/20' Mast Arm, Steel
905-33.22	1	EACH	Install Only, 28' Pole, w/22' Mast Arm, Steel
905-33.24	1	EACH	Install Only, 28' Pole, w/24' Mast Arm, Steel
905-33.26	1	EACH	Install Only, 28' Pole, w/26' Mast Arm, Steel
905-33.28	1	EACH	Install Only, 28' Pole, w/28' Mast Arm, Steel
905-33.30	1	EACH	Install Only, 28' Pole, w/30' Mast Arm, Steel
905-33.32	1	EACH	Install Only, 28' Pole, w/32' Mast Arm, Steel
905-33.38	1	EACH	Install Only, 28' Pole, w/38' Mast Arm, Steel
905-33.40	1	EACH	Install Only, 28' Pole, w/40' Mast Arm, Steel
905-33.42	1	EACH	Install Only, 28' Pole, w/42' Mast Arm, Steel
905-33.44	1	EACH	Install Only, 28' Pole, w/44' Mast Arm, Steel
905-33.50	1	EACH	Install Only, 28' Pole, w/50' Mast Arm, Steel

# St. Louis County Department of Transportation

## Bid Item Numbers County Traffic Signal Items

Friday, February 16, 2024

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
905-34.15	1	EACH	Install Only, Luminaire Arm, 15'
905-41.28	1	EACH	Install Only, Controller, Fully Actuated, Secondary (8 Phase Timer, in Aluminum Cabinet Approx. 50"H x 30"W x 17"D, Wired for 2 Phase Operation)TS2, Type 2
905-41.88	1	EACH	Install Only, Controller, Fully Actuated, Secondary (8 Phase Timer, in Aluminum Cabinet Approx. 55"H x 44"W x 26"D, Wired for 8 Phase Operation) TS2, Type 2
905-42.88	1	EACH	Install Only, Controller, Fully Actuated, Master (8 Phase Timer, in Aluminum Cabinet Approx. 55"H x 44"W x 26"D, Wired For 8 Phase Operation) TS2, Type 2
905-43.28	1	EACH	Install Only, Controller, Fully Actuated, (8 Phase Timer, in Aluminum Cabinet Approx. 50"H x 30"W x 17"D, Wired for 2 Phase Operation) w/Internal Fiber Optic Modem and Termination Housing TS2, Type 2
905-43.88	1	EACH	Install Only, 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
905-43.90	1	EACH	Install Only, Controller, Fully Actuated, (8 Phase Timer / 8 Phase Operation, in Alum. Cabinet, Approx. 67"H x 44"W x 26"D), w/ Internal Fiber Optic Modem and Termination Housing TS2, Type 2, w/ Battery Backup (Provided by the County and installed by the
905-44.88	1	EACH	Install Only, 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 FSK Modem, TS2, Type 2
905-49.20	1	EACH	Install Only, Detector, Pedestrian Push Button, Freezeproof
905-49.35	1	EACH	Install Only, Detector, Vehicle Induction Loop, Card Rack Mtg.,2 Channel, w/Delay and Extension Timing and Relay Outputs
905-49.45	1	EACH	Install Only, Detector, Fixed Overhead Video Camera, w/Mounting Hardware
905-49.91	1	EACH	Install Only, Video Detection Processor, Single (1) Camera
905-49.98	1	EACH	Install Only, License Plate Reading Camera and Mounting Hardware (Provided by the County and installed by the Contractor)
905-49.99	1	L.S.	Install Only, Vehicle Video Detection System (Cameras w/Internal Processors, Termination Panels, MVP Cable, and Misc. Hardware)
905-50.01	1	EACH	Installation of New Fully Actuated Intersection Traffic Signals
905-50.02	1	EACH	Actuation of Existing Pretimed Traffic Signal
905-50.03	1	EACH	Installation of Advance Vehicle Detection at Existing Fully Actuated Intersection Traffic Signals
905-50.04	1	EACH	Installation of Pan, Tilt and Zoom (PTZ) Cameras at New Intersection Traffic Signals
905-50.05	1	EACH	Installation of Priority Control Signal Equipment at New/Existing Intersection Traffic Signals
905-50.06	1	EACH	Installation of Fire Preemption Control Inside Existing Fire Stations
905-50.07	1	L.S.	Installation of Fiber Optic Interconnect Cable/Conduit Between Five (5) New/Existing Traffic Signals
905-50.08	1	L.S.	Installation of Hardwire Interconnect/Conduit Between Three (3) Existing Traffic Signals
905-86.01	1	EACH	Install Only, Power Supply Assembly, on Wood Utility Pole, 120/240 Volt

# *St. Louis County Department of Transportation*

## *Bid Item Numbers County Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
905-89.17	1	EACH	Install Only, Preformed Pull Box (17"Wx30"Lx26"min.H), Reinforced Polymer Concrete
905-99.99	1	EACH	Install Only, Battery Backup System
906-49.51	1	EACH	Pan Tilt Zoom (PTZ) Internet Protocol Video Surveillance Camera System (Camera w/Bracket, Lightning Surge Protector, Managed Ethernet Switch, and Misc. Cables) (Installed by Others)
906-85.81	10	L.F.	Cable, Communication, PTZ Camera, #24 Gauge, 4 Pair (Shielded) (Installed by Others)
906-85.82	10	L.F.	Cable, Power, PTZ Camera, #14 Gauge, 3 Conductor (Installed by Others)
906-92.00	1	EACH	School Zone Beacon Wireless Communication Equipment (Installed by Others)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers State Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
237-31.0	1	EACH	Signal Head, Type 1S, Pedestrian
901-10.10	1	EACH	Relocated Pole
901-10.30	1	EACH	Lighting Pole, 30 Ft., Type AT
901-10.62	1	EACH	Lighting Pole, 45 Ft., Type AT Design 2
901-11.08	1	EACH	Bracket Arm, 8 Ft.
901-11.10	1	EACH	Bracket Arm, 10 Ft.
901-11.15	1	EACH	Bracket Arm, 15 Ft.
901-13.00	1	EACH	Luminaire, 150 Watt High Pressure Sodium
901-13.10	1	EACH	Luminaire, 250 Watt High Pressure Sodium
901-13.20	1	EACH	Luminaire, 400 Watt High Pressure Sodium
901-30.02	1	L.F.	Conduit, 2 In. Rigid, In Trench
901-30.03	1	L.F.	Conduit, 3 In. Rigid, In Trench
901-30.04	1	L.F.	Conduit, 4 In. Rigid, In Trench
901-40.03	1	L.F.	Conduit, 3 In. Rigid, Pushed
901-50.10	1	L.F.	Trenching, Type I
901-61.10	1	EACH	Pull Box, Preformed Class 1
901-70.02	10	L.F.	Cable, 2 AWG 1 Conductor
901-70.08	10	L.F.	Cable, 8 AWG 1 Conductor
901-70.10	10	L.F.	Cable, 10 AWG, 1 Conductor
901-71.10	10	L.F.	Cable, 10 AWG 1 Conductor, Pole and Bracket
901-72.02	10	L.F.	Wire, 2 AWG Bare Neutral
901-72.08	10	L.F.	Wire, 8 AWG Bare Neutral
901-74.07	10	L.F.	Cable-Conduit, 1 In., 2 Conductors and 1 Bare Neutral, 8 AWG
901-82.30	1	EACH	Pole Foundation (30 Ft. Mounting Height)
901-82.45	1	EACH	Pole Foundation (45 Ft. Mounting Height)
901-99.02	1	EACH	Opening Drilled in Concrete Pull Box
901-99.04	1	EACH	Lighting Control Station and Power Supply, 120/240V
901-99.05	1	EACH	Combination Pad Mounted Power Supply & Lighting Control Station, 480/240V
901-99.06	1	EACH	Luminaire, 180 Watt, 98 White LED's, Color Temp. 4000K
902-02.13	1	EACH	Signal Head, Type 3S
902-02.15	1	EACH	Signal Head, Type 5S

# *St. Louis County Department of Transportation*

## *Bid Item Numbers State Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
902-02.23	1	EACH	Signal Head, Type 33S
902-02.27	1	EACH	Signal Head, Type 35S
902-05.13	1	EACH	Signal Head, Type 3B
902-05.14	1	EACH	Signal Head, Type 4B
902-05.15	1	EACH	Signal Head, Type 5B
902-12.15	1	EACH	Signal Head, Optically Limited, Type 5S
902-14.13	1	EACH	Signal Head, Optically Limited, Type 3B
902-14.14	1	EACH	Signal Head, Optically Limited, Type 4B
902-14.15	1	EACH	Signal Head, Optically Limited, Type 5B
902-26.50	1	EACH	150 Watt 120 Volt High Pressure Sodium Luminaire
902-27.08	1	EACH	Post, 8 Ft. Signal
902-27.10	1	EACH	Post, 10 Ft. Signal
902-31.28	1	EACH	Post, Type CL, 28 Ft. Arm
902-31.38	1	EACH	Post, Type CL, 38 Ft. Arm
902-31.40	1	EACH	Post, Type CL, 40 Ft. Arm or 12.2 m Arm
902-31.44	1	EACH	Post, Type CL, 44 Ft. Arm
902-31.46	1	EACH	Post, Type CL, 46 Ft. Arm
902-31.48	1	EACH	Post, Type CL, 48 Ft. Arm
902-31.50	1	EACH	Post, Type CL, 50 Ft. Arm
902-31.52	1	EACH	Post, Type CL, 52 Ft. Arm
902-31.54	1	EACH	Post, Type CL, 54 Ft. Arm
902-32.16	1	EACH	Post, Type C, 16 Ft. Arm
902-32.30	1	EACH	Post, Type C, 30 Ft. Arm
902-32.32	1	EACH	Post, Type C, 32 Ft. Arm
902-32.34	1	EACH	Post, Type C, 34 Ft. Arm
902-32.36	1	EACH	Post, Type C, 36 Ft. Arm
902-32.40	1	EACH	Post, Type C, 40 Ft. Arm
902-32.44	1	EACH	Post, Type C, 44 Ft. Arm
902-32.46	1	EACH	Post, Type C, 46 Ft. Arm
902-32.48	1	EACH	Post, Type C, 48 Ft. Arm
902-32.50	1	EACH	Post, Type C, 50 Ft. Arm



# *St. Louis County Department of Transportation*

## *Bid Item Numbers State Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
902-32.55	1	EACH	Post, Type C, 55 Ft. Arm
902-34.40	1	EACH	Post, Type BL Longest Arm 40 Ft.
902-34.54	1	EACH	Post, Type BL, Longest Arm 54 Ft.
902-42.81	1	EACH	Controller Assembly Housing, Keyboard Entry, 8 Phase NEMA (Fiber Ready Assembly)
902-42.83	1	EACH	Controller Assembly Housing, NEMA TS2 Controller
902-49.20	1	EACH	Detector, Push Button
902-49.44	1	EACH	Detector, Vehicle Induction Loop (2 Channel - Rack Mounted)
902-49.75	1	EACH	Video Detection System
902-50.20	1	L.F.	Conduit, 1 In., Loop Detector
902-51.00	1	L.F.	Conduit, 1 In., Trench
902-51.25	1	L.F.	Conduit, 1-1/4 In., Trench
902-52.00	1	L.F.	Conduit, 2 In., Trench
902-52.50	1	L.F.	Conduit, 2-1/2 In., Trench
902-53.00	1	L.F.	Conduit, 3 In., Trench
902-54.00	1	L.F.	Conduit, 4 In., Trench
902-72.00	1	L.F.	Conduit, 2 In., Pushed
902-73.00	1	L.F.	Conduit, 3 In., Pushed
902-74.00	1	L.F.	Conduit, 4 In., Pushed
902-81.00	1	L.F.	Cable, 10 AWG, 1 Conductor, Pole and Bracket
902-82.02	10	L.F.	Cable, 2 AWG, 1 Conductor, Power
902-82.04	10	L.F.	Cable, 4 AWG, 1 Conductor, Power
902-82.06	10	L.F.	Cable, 6 AWG, 1 Conductor, Power
902-82.08	10	L.F.	Cable, 8 AWG 1 Conductor, Power
902-83.02	10	L.F.	Cable, 12 AWG 2 Conductor
902-83.05	10	L.F.	Cable, 12 AWG 5 Conductor
902-83.07	10	L.F.	Cable, 12 AWG 7 Conductor
902-83.08	10	L.F.	Cable, 16 AWG 2 Conductor
902-83.10	10	L.F.	Cable, 16 AWG 5 Conductor
902-83.11	10	L.F.	Cable, 16 AWG 7 Conductor
902-85.00	10	L.F.	Cable, Loop Detector, in Duct
902-85.10	10	L.F.	Cable, Loop Detector Lead-in

# *St. Louis County Department of Transportation*

## *Bid Item Numbers State Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
902-86.20	1	EACH	Power Supply Assembly, Type 2
902-86.21	1	EACH	Power Supply Assembly, Type 2, w/120V Lighting Control Cabinet
902-88.10	1	EACH	Pull Box, Preformed, Class 1
902-88.11	1	EACH	Pull Box, Preformed Class 2
902-88.12	1	EACH	Pull Box, Preformed Class 3
902-88.16	1	EACH	Pull Box, Preformed Class 5
902-88.20	1	EACH	Pull Box, Concrete, Standard
902-88.21	1	EACH	Pull Box, Concrete, Double
902-91.00	0.1	C.Y.	Base, Concrete
902-94.00	1	L.S.	Temporary Traffic Signals
902-94.07	1	L.S.	Temporary Traffic Detection, Video Detection System
902-96.30	1	L.S.	Removal of Existing Signal Equipment (Intersection)
902-99.01	1	L.S.	Optional Detection
902-99.02	1	EACH	Opening Drilled in Concrete Pull Box
902-99.03	1	EACH	Relocation of Existing Signal Cables
902-99.04	1	EACH	Relocation of Existing Mast Arm
902-99.05	1	EACH	Adjustment of Preformed Pull Box
902-99.06	1	EACH	Load Switch (NEMA)
902-99.07	1	EACH	L.E.D. Signal Module, 12" Conventional Lens, Yellow
902-99.08	1	EACH	L.E.D. Signal Module, 12" Conventional Lens, Green
902-99.09	1	EACH	L.E.D. Signal Module, 12" Conventional Lens, Green Arrow
902-99.10	1	EACH	L.E.D. Signal Module, 12" Conventional Lens, Yellow Arrow
902-99.11	1	EACH	L.E.D. Signal Module, 12" Conventional Lens, Red
902-99.12	1	EACH	Detector, Fixed Overhead Video Camera, w/Mounting Hardware
902-99.13	10	L.F.	Cable, Camera, Power & Communication 6 Pair, #18 (Shielded)
902-99.14	1	L.F.	Fiber Optic Cable, 24 Strand-Fiber, Single Mode
902-99.15	1	EACH	Countdown Pedestrian Signal Head
902-99.16	1	EACH	Audible Pedestrian Push Button & Signing
902-99.17	1	EACH	Pad-Mounted Combination Power Supply & Lighting Controller with UPS
902-99.18	1	L.S.	Traffic Signal Maintenance & Programming
902-99.22	1	EACH	Relocation of Existing Overhead Video Camera

# *St. Louis County Department of Transportation*

## *Bid Item Numbers State Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
902-99.23	1	EACH	Replacement of Existing Overhead Video Camera
902-99.24	1	EACH	5' Camera Mounting Assembly, Astro Bracket and Mounting Hardware
902-99.32	1	EACH	Removal of Existing Post w/Mast Arm
902-99.90	1	EACH	Removal of Existing Concrete Signal Base
902-99.91	1	EACH	Removal of Existing Concrete Controller Base
902-99.92	1	EACH	Relocation of Existing Signal Head using Astro Bracket Type Mounting
902-99.93	1	EACH	Fiber Optic Cable Termination Housing (Includes Terminations)
902-99.94	1	EACH	Relocation of Existing Controller Cabinet
902-99.95	1	EACH	Relocation of Existing Fiber Optic Cable (Includes Terminations)
902-99.96	1	EACH	Removal of Existing Concrete Standard Pull Box
902-99.97	1	EACH	Removal of Existing Concrete Double Pull Box
902-99.98	1	L.S.	Adjustment of Video Detection Camera during Construction Operations
902-99.99	1	EACH	Preformed Base, Controller, (58"W x 40"L x 24"H), Reinforced Polymer Concrete
903-10.10	0.1	C.Y.	Concrete Footings, Embedded
903-12.10	1	LBS.	Structural Steel Posts
903-12.20	1	LBS.	Pipe Posts
903-12.40	1	EACH	Breakaway Assembly
903-50.04	1	S.F.	Type SHR2L-1 Sign
903-50.66	1	S.F.	Signal Sign, Type SHR2L-3
903-50.68	1	S.F.	Signal Sign, Type shr2l-1
903-99.01	1	L.S.	Relocation of Existing Signs
904-93.11	1	L.S.	Temporary Traffic Signal - Trailer Mounted (MoDOT Spec)
906-05.13	1	EACH	Install Only, Signal Head, Type 3B
906-05.15	1	EACH	Install Only, Signal Head, Type 5B
906-08.11	1	EACH	Install Only, Signal Head, Type 1S, Pedestrian
906-26.50	1	EACH	Install Only, 150 Watt 120 Volt High Pressure Sodium Luminaire
906-31.44	1	EACH	Install Only, Post, Type CL, 44 Ft. Arm
906-31.48	1	EACH	Install Only, Post, Type CL, 48 Ft. Arm
906-31.50	1	EACH	Install Only, Post, Type CL, 50 Ft. Arm
906-31.54	1	EACH	Install Only, Post, Type CL, 54 Ft. Arm
906-42.81	1	EACH	Install Only, Controller Assembly Housing, Keyboard Entry, 8 Phase NEMA (Fiber Ready Assembly)

# *St. Louis County Department of Transportation*

## *Bid Item Numbers State Traffic Signal Items*

*Friday, February 16, 2024*

<i>Item Number</i>	<i>Accuracy</i>	<i>Unit</i>	<i>Description</i>
906-49.20	1	EACH	Install Only, Detector, Push Button
906-49.75	1	EACH	Install Only, Video Detection System
906-86.21	1	EACH	Install Only, Power Supply Assembly, Type 2, w/120V Lighting Control Cabinet
910-37.00	1	EACH	CCTV Camera Assembly, Installed
910-37.17	1	EACH	CCTV Pole Foundation, 60 Ft. Mounting Height, Installed
910-52.00	1	L.F.	Conduit, 2 In., Rigid, In Trench
910-82.08	10	L.F.	Cable, 8 AWG, 1 Conductor, Power
910-83.52	10	L.F.	Fiber Optic Cable, 24-Strand, 18 Single Mode, 6 Multimode
910-84.06	10	L.F.	Wire, 6 AWG, Bare Neutral
910-86.21	1	EACH	Power Supply Assembly, Type 2, 240/120 Volt Service, ITS
910-88.11	1	EACH	Pull Box, Preformed Class 2
910-91.00	1	C.Y.	Base, Concrete
910-99.01	1	L.S.	Relocate CCTV Pole, CCTV Assemblies & Equipment
910-99.02	1	EACH	Type 7 Ground Mount Cabinet
910-99.03	10	L.F.	Cable, Communication, Fiber Optic, 24 Fibers (24 Single-Mode)
910-99.12	1	EACH	Install Communication Equipment
910-99.13	1	EACH	ITS Pull Box with Concrete Pad, Preformed Class 5
910-99.14	1	EACH	Fiber Optic Pigtail, sm, Furnish and Install
910-99.15	1	EACH	Fiber Optic Pigtail, mm, Furnish and Install
910-99.16	1	EACH	Fiber Optic Splice
910-99.17	1	L.F.	Repair Conduit
910-99.23	1	L.F.	MoDOT ITS Assets Relocation
910-99.24	1	L.S.	MoDOT ITS Asset Management Tool