

Oregon Department of Transportation

Cost Estimate Summary Report

Parent Project

Project Key: 22505 **Improvement Type:** Reconstruction
Project Name: I-5: AURORA DONALD INTERCHANGE (EXIT 278) **Work Type:**
PHASE 1(B)
Construction Year: **Spec Book:** 21
County: MARION
STIP Description:

Parent Project Locations

Road Segments

EHLEN RD

EHLEN RD

NO HIGHWAY DATA - CONTACT PCS MGR

PACIFIC HIGHWAY		278.63	278.76
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PACIFIC HIGHWAY	I-5	278.00	279.45
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PACIFIC HIGHWAY	I-5	277.94	279.48
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Bridge Segments

07796A Hwy 1 NB over Ehlen Road NE

07796B Hwy 1 SB over Ehlen Road NE

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Cost Estimate

Cost Estimate Name: K_22505_DDAP	Date Items Last Updated: 04/04/2022
Description: Phase 2: Grading, Drainage, Structures, Paving, Signing, Signals	Estimated By: Anthony Ayala
	Estimate Phase: Design Acceptance
	Estimate Type: Merged

Cost Estimate Total: \$60,314,178.90

Base Cost Estimate

Total Cost Estimate Items: \$48,441,815.75

Total Typical Section Pricing: \$0.00	Name	Description	Cost
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Total Ad Hoc Pricing: \$0.00	Name	Description	Cost
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Other Costs

Total Contingency: \$10,052,363.15 Contingency Percentage: 20.00%

Total Inflation: \$1,820,000.00

Cost Category Breakdown

Total Construction Costs: \$50,261,815.75

Total Non Construction Costs: \$0.00	Name	Description	Cost
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Total Bid Costs (inc. Inflation): \$45,709,353.10

Total Non-Bid Costs: \$4,552,462.65

Catg Name	Catg Description	Total Cost
0200	TEMPORARY FEATURES AND APPURTENANCES	\$9,643,385.60
0300	ROADWORK	\$5,292,350.00
0400	DRAINAGE AND SEWERS	\$2,103,021.00
0500	BRIDGES	\$9,268,249.00
0600	BASES	\$3,442,640.00
0700	WEARING SURFACES	\$8,295,820.00
0800	PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES	\$1,202,027.50

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Catg Name	Catg Description	Total Cost
0900	PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS	\$2,990,550.00
1000	RIGHT-OF-WAY DEVELOPMENT AND CONTROL	\$1,651,310.00
1100	WATER SUPPLY SYSTEMS	
1200	ADDED BID ITEMS	
9400	--ANTICIPATED ADDITIONAL ITEMS--	\$964,180.00
9800	--CONSTRUCTION ENGINEERING--	\$3,587,482.65

Cat	Line #	Item #	Item Description	Unit	Quantity	Price	Item Total	Price Source
0200	0010	0210-0100000A	MOBILIZATION	LS	1.000	\$3,990,000.00000	\$3,990,000.00	Ad Hoc
0200	0020	0221-0100000A	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	1.000	\$562,500.00000	\$562,500.00	Ad Hoc
0200	0030	0222-0102000J	TEMPORARY SIGNS	SQFT	8000.000	\$20.00000	\$160,000.00	Ad Hoc
0200	0040	0222-0162000E	SEQUENTIAL ARROW SIGNS	EACH	4.000	\$3,500.00000	\$14,000.00	Ad Hoc
0200	0050	0222-0164000E	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	8.000	\$6,500.00000	\$52,000.00	Ad Hoc
0200	0060	0222-0167300E	PORTABLE CHANGEABLE MESSAGE SIGNS, ROLLER MOUNTED	EACH	2.000	\$5,000.00000	\$10,000.00	Ad Hoc
0200	0070	0222-0167500E	RADAR SPEED TRAILER	EACH	2.000	\$6,500.00000	\$13,000.00	Ad Hoc
0200	0080	0223-0168000T	FLAGGERS	HOUR	1800.000	\$62.00000	\$111,600.00	Ad Hoc
0200	0090	0223-0168100E	FLAGGER STATION LIGHTING	EACH	20.000	\$1,500.00000	\$30,000.00	Ad Hoc
0200	0100	0223-0169000E	TRAFFIC CONTROL SUPERVISOR	EACH	511.000	\$750.00000	\$383,250.00	Ad Hoc
0200	0110	0223-0169500T	BPA SAFETY WATCHER	HOUR	400.000	\$100.00000	\$40,000.00	Ad Hoc
0200	0120	0224-0104000E	TEMPORARY BARRICADES, TYPE II	EACH	16.000	\$40.00000	\$640.00	Ad Hoc
0200	0130	0224-0105000E	TEMPORARY BARRICADES, TYPE III	EACH	56.000	\$90.00000	\$5,040.00	Ad Hoc
0200	0140	0224-0145000E	TEMPORARY PLASTIC DRUMS	EACH	804.000	\$45.00000	\$36,180.00	Ad Hoc
0200	0150	0225-0149000E	TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH	3230.000	\$2.00000	\$6,460.00	Ad Hoc
0200	0160	0225-0153000F	TEMPORARY STRIPING	FOOT	296484.000	\$0.50000	\$148,242.00	Ad Hoc
0200	0170	0225-0153200J	TEMPORARY PAVEMENT BARS	SQFT	440.000	\$3.75000	\$1,650.00	Ad Hoc
0200	0180	0225-0154000F	STRIPE REMOVAL	FOOT	75548.000	\$0.45000	\$33,996.60	Ad Hoc
0200	0190	0226-0126100F	TEMPORARY BARRIER	FOOT	26928.000	\$24.00000	\$646,272.00	Reference
0200	0200	0226-0133000E	TEMPORARY IMPACT ATTENUATOR, SAND BARREL SYSTEM	EACH	4.000	\$2,000.00000	\$8,000.00	Ad Hoc
0200	0210	0226-0134000E	TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	EACH	9.000	\$3,300.00000	\$29,700.00	Ad Hoc

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0200	0220	0226-0136000E	MOVING TEMPORARY IMPACT ATTENUATORS, SAND BARREL SYSTEM	EACH	2.000	\$500.00000	\$1,000.00	Ad Hoc
0200	0230	0226-0137000E	MOVING TEMPORARY IMPACT ATTENUATORS, NARROW SITE SYSTEM	EACH	9.000	\$500.00000	\$4,500.00	Ad Hoc
0200	0240	0226-0138000E	TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	EACH	5.000	\$20,000.00000	\$100,000.00	Ad Hoc
0200	0250	0226-0141300E	REPAIR TEMPORARY IMPACT ATTENUATOR, NARROW SITE SYSTEM	EACH	30.000	\$300.00000	\$9,000.00	Ad Hoc
0200	0260	0226-0141400E	REPAIR TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	EACH	5.000	\$500.00000	\$2,500.00	Reference
0200	0270	0226-0141500E	REPAIR TEMPORARY IMPACT ATTENUATOR, SAND MODULE	EACH	127.000	\$50.00000	\$6,350.00	Ad Hoc
0200	0280	0226-0141800F	TEMPORARY GLARE SCREENS	FOOT	1800.000	\$25.00000	\$45,000.00	Ad Hoc
0200	0290	0226-0141900F	MOVING TEMPORARY GLARE SCREENS	FOOT	2700.000	\$12.00000	\$32,400.00	Ad Hoc
0200	0300	0226-0147000F	MINIMUM DEFLECTION BRIDGE TEMPORARY BARRIER	FOOT	302.000	\$40.00000	\$12,080.00	Reference
0200	0310	0227-0157000A	TEMPORARY ILLUMINATION	LS	1.000	\$60,000.00000	\$60,000.00	Ad Hoc
0200	0320	0228-0141600F	PEDESTRIAN CHANNELIZING DEVICES	FOOT	315.000	\$35.00000	\$11,025.00	Ad Hoc
0200	0330	0230-0200000A	CONSTRUCT AND REMOVE TEMPORARY ROADBED AND SURFACING	LS	1.000	\$2,422,000.00000	\$2,422,000.00	Ad Hoc
0200	0340	0240-0100000A	TEMPORARY DRAINAGE FACILITIES	LS	1.000	\$125,000.00000	\$125,000.00	Ad Hoc
0200	0350	0256-0109100A	TEMPORARY RETAINING WALL _____	LS	1.000	\$180,000.00000	\$180,000.00	Ad Hoc
0200	0360	0280-0100000A	EROSION CONTROL	LS	1.000	\$250,000.00000	\$250,000.00	Ad Hoc
0200	0370	0294-0600000A	SEGREGATE AND STOCKPILE CONTAMINATED SOIL	LS	1.000	\$100,000.00000	\$100,000.00	Ad Hoc
0300	0380	0305-0100000A	CONSTRUCTION SURVEY WORK	LS	1.000	\$580,000.00000	\$580,000.00	Ad Hoc
0300	0390	0310-0106000A	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1.000	\$386,000.00000	\$386,000.00	Ad Hoc
0300	0400	0320-0100000A	CLEARING AND GRUBBING	ACRE	30.000	\$15,000.00000	\$450,000.00	Reference
0300	0410	0330-0102000K	FOUNDATION EXCAVATION	CUYD	1150.000	\$25.00000	\$28,750.00	Ad Hoc
0300	0420	0330-0105000K	GENERAL EXCAVATION	CUYD	140000.000	\$22.00000	\$3,080,000.00	Ad Hoc
0300	0430	0331-0109000J	18 INCH SUBGRADE STABILIZATION	SQYD	18800.000	\$32.00000	\$601,600.00	Ad Hoc
0300	0440	0350-0100000J	DRAINAGE GEOTEXTILE, TYPE 1	SQYD	150.000	\$6.00000	\$900.00	Ad Hoc
0300	0450	0350-0105000J	SUBGRADE GEOTEXTILE	SQYD	107000.000	\$1.50000	\$160,500.00	Ad Hoc
0300	0460	0390-0129000K	KEYED RIPRAP, CLASS 50	CUYD	23.000	\$200.00000	\$4,600.00	Ad Hoc
0400	0470	0415-0100000F	MAINLINE VIDEO INSPECTION	FOOT	8250.000	\$8.00000	\$66,000.00	Ad Hoc
0400	0480	0430-0100060F	6 INCH DRAIN PIPE	FOOT	327.000	\$33.00000	\$10,791.00	Ad Hoc

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0400	0490	0430-0101000E	SUBSURFACE DRAIN OUTLETS	EACH	9.000	\$1,400.00000	\$12,600.00	Ad Hoc
0400	0500	0445-010018AF	18 INCH CULVERT PIPE, 5 FT DEPTH	FOOT	457.000	\$105.00000	\$47,985.00	Ad Hoc
0400	0510	0445-0100940F	96 INCH CULVERT PIPE	FOOT	137.000	\$800.00000	\$109,600.00	Ad Hoc
0400	0520	0445-035006AF	6 INCH STORM SEWER PIPE, 5 FT DEPTH	FOOT	1169.000	\$80.00000	\$93,520.00	Ad Hoc
0400	0530	0445-035012AF	12 INCH STORM SEWER PIPE, 5 FT DEPTH	FOOT	932.000	\$130.00000	\$121,160.00	Ad Hoc
0400	0540	0445-035012BF	12 INCH STORM SEWER PIPE, 10 FT DEPTH	FOOT	3864.000	\$170.00000	\$656,880.00	Ad Hoc
0400	0550	0445-035018BF	18 INCH STORM SEWER PIPE, 10 FT DEPTH	FOOT	507.000	\$175.00000	\$88,725.00	Ad Hoc
0400	0560	0445-035024BF	24 INCH STORM SEWER PIPE, 10 FT DEPTH	FOOT	474.000	\$275.00000	\$130,350.00	Ad Hoc
0400	0570	0445-035030CF	30 INCH STORM SEWER PIPE, 20 FT DEPTH	FOOT	377.000	\$400.00000	\$150,800.00	Ad Hoc
0400	0580	0445-035030DF	30 INCH STORM SEWER PIPE, OVER 20 FT DEPTH	FOOT	448.000	\$500.00000	\$224,000.00	Ad Hoc
0400	0590	0445-0680000E	SLIP JOINTS, 6 X 6 X 6 INCH	EACH	14.000	\$500.00000	\$7,000.00	Ad Hoc
0400	0600	0445-0700120E	SLOPED END SECTIONS, 12 INCH	EACH	8.000	\$470.00000	\$3,760.00	Ad Hoc
0400	0610	0445-0700180E	SLOPED END SECTIONS, 18 INCH	EACH	5.000	\$565.00000	\$2,825.00	Ad Hoc
0400	0620	0460-0100000J	PAVED CULVERT END SLOPES	SQFT	355.000	\$35.00000	\$12,425.00	Ad Hoc
0400	0630	0470-0101000E	CONCRETE STORM SEWER MANHOLES	EACH	11.000	\$5,600.00000	\$61,600.00	Ad Hoc
0400	0640	0470-0103000E	CONCRETE MANHOLES, WITH INLET	EACH	18.000	\$5,600.00000	\$100,800.00	Ad Hoc
0400	0650	0470-0105000E	CONCRETE MANHOLES, SHALLOW	EACH	1.000	\$5,500.00000	\$5,500.00	Ad Hoc
0400	0660	0470-0106000E	CONCRETE MANHOLES, LARGE PRECAST	EACH	3.000	\$12,000.00000	\$36,000.00	Ad Hoc
0400	0670	0470-0311000E	CONCRETE INLETS, TYPE D	EACH	5.000	\$3,000.00000	\$15,000.00	Ad Hoc
0400	0680	0470-0315000E	CONCRETE INLETS, TYPE G-2	EACH	22.000	\$3,100.00000	\$68,200.00	Ad Hoc
0400	0690	0470-0317000E	CONCRETE INLETS, TYPE G-2M	EACH	3.000	\$3,000.00000	\$9,000.00	Ad Hoc
0400	0700	0490-0104000E	CONNECTION TO EXISTING STRUCTURES	EACH	5.000	\$1,500.00000	\$7,500.00	Ad Hoc
0400	0710	0490-0105000E	ADJUSTING INLETS	EACH	8.000	\$1,400.00000	\$11,200.00	Ad Hoc
0400	0720	0490-0120000E	MINOR ADJUSTMENT OF MANHOLES	EACH	6.000	\$1,200.00000	\$7,200.00	Ad Hoc
0400	0730	0490-0123000E	EXTRA FOR MANHOLES OVER EXISTING SEWERS	EACH	6.000	\$2,100.00000	\$12,600.00	Ad Hoc
0400	0740	0490-0125000E	CAPPING EXISTING CONCRETE STRUCTURES	EACH	20.000	\$1,500.00000	\$30,000.00	Mixed

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0500	0750	0501-0100000A	LUMP SUM	SQFT	1.000	\$520,000.00000	\$520,000.00	Ad Hoc
0500	0760	0510-0100000A	LUMP SUM	SQYD	1.000	\$700,000.00000	\$700,000.00	Ad Hoc
0500	0770	0510-0101000K	STRUCTURE EXCAVATION	CUYD	1159.000	\$46.00000	\$53,314.00	Ad Hoc
0500	0780	0510-0106000A	GRANULAR WALL BACKFILL	CUYD	85.000	\$115.00000	\$9,775.00	Ad Hoc
0500	0790	0510-0108000K	GRANULAR STRUCTURE BACKFILL	CUYD	1632.000	\$90.00000	\$146,880.00	Ad Hoc
0500	0800	0520-0100000A	FURNISH PILE DRIVING EQUIPMENT	LS	1.000	\$60,000.00000	\$60,000.00	Ad Hoc
0500	0810	0520-0127000F	FURNISH PP 16 X 0.5 STEEL PILES	FOOT	4290.000	\$110.00000	\$471,900.00	Ad Hoc
0500	0820	0520-0141000F	FURNISH PP 16 X 0.5 TEST PILES	FOOT	480.000	\$110.00000	\$52,800.00	Ad Hoc
0500	0830	0520-0312000E	DRIVE PP 16 X 0.5 STEEL PILES	EACH	82.000	\$1,600.00000	\$131,200.00	Ad Hoc
0500	0840	0520-0325000E	DRIVE TEST PILES	EACH	6.000	\$1,800.00000	\$10,800.00	Ad Hoc
0500	0850	0520-0329000E	PILE LOAD TEST (DYNAMIC)	EACH	6.000	\$2,500.00000	\$15,000.00	Ad Hoc
0500	0860	0520-0423000E	PP 16 X 0.5 STEEL PILE SPLICES	EACH	6.000	\$350.00000	\$2,100.00	Ad Hoc
0500	0870	0530-0104000O	REINFORCEMENT, GRADE 100	LB	1410.000	\$3.00000	\$4,230.00	Ad Hoc
0500	0880	0530-0104000O	REINFORCEMENT, GRADE 60	LB	65100.000	\$2.50000	\$162,750.00	Ad Hoc
0500	0890	0530-0104000O	REINFORCEMENT, GRADE 80	LB	99500.000	\$2.50000	\$248,750.00	Ad Hoc
0500	0900	0530-0104100O	COATED REINFORCEMENT, GRADE 80	LB	135300.000	\$2.80000	\$378,840.00	Ad Hoc
0500	0910	0540-0102000A	FOUNDATION CONCRETE, CLASS 4000	CUYD	671.000	\$800.00000	\$536,800.00	Ad Hoc
0500	0920	0540-0203100A	DECK CONCRETE, CLASS HPC4500	CUYD	606.000	\$1,700.00000	\$1,030,200.00	Ad Hoc
0500	0930	0540-0302000A	GENERAL STRUCTURAL CONCRETE, CLASS 4000	CUYD	407.000	\$1,200.00000	\$488,400.00	Ad Hoc
0500	0940	0540-0401000J	SAW CUT TEXTURING	SQYD	3010.000	\$8.00000	\$24,080.00	Ad Hoc
0500	0950	0545-0100000J	REINFORCED CONCRETE BRIDGE END PANELS	SQYD	843.000	\$450.00000	\$379,350.00	Ad Hoc
0500	0960	0550-0142000F	33 INCH PRECAST PRESTRESSED BOX BEAMS	FOOT	3444.000	\$520.00000	\$1,790,880.00	Ad Hoc
0500	0970	0564-0100000A	FALL ARREST SYSTEM	LS	1.000	\$10,000.00000	\$10,000.00	Ad Hoc
0500	0980	0582-0020000E	BEARING DEVICES, 8 INCH WIDE, 42 INCH LONG, 2 INCH THICK	EACH	42.000	\$3,000.00000	\$126,000.00	Ad Hoc
0500	0990	0585-0200100A	LUMP SUM	FOOT	1.000	\$38,000.00000	\$38,000.00	Ad Hoc
0500	1000	0587-0126100A	LUMP SUM	FOOT	1.000	\$136,200.00000	\$136,200.00	Ad Hoc
0500	1010	0596-A002000A	LUMP SUM	SQFT	1.000	\$1,740,000.00000	\$1,740,000.00	Ad Hoc
0600	1020	0620-0120000J	COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP	SQYD	14440.000	\$6.00000	\$86,640.00	Ad Hoc
0600	1030	0640-0100000M	AGGREGATE BASE	TON	83900.000	\$40.00000	\$3,356,000.00	Ad Hoc
0700	1040	0730-0100000M	EMULSIFIED ASPHALT FOR TACK COAT	TON	22.000	\$600.00000	\$13,200.00	Ad Hoc

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0700	1050	0745-0302000M	LEVEL 3, 1/2 INCH ACP	TON	34900.000	\$70.00000	\$2,443,000.00	Ad Hoc
0700	1060	0745-0402000M	LEVEL 4, 1/2 INCH ACP	TON	17700.000	\$75.00000	\$1,327,500.00	Ad Hoc
0700	1070	0745-0431000M	LEVEL 4, 1/2 INCH ACP IN LEVELING	TON	490.000	\$90.00000	\$44,100.00	Ad Hoc
0700	1080	0745-0620000M	PG 64-22 ASPHALT IN _____ ACP	TON	2100.000	\$600.00000	\$1,260,000.00	Ad Hoc
0700	1090	0745-0640000M	PG 70-22 ASPHALT IN _____ ACP	TON	1030.000	\$600.00000	\$618,000.00	Ad Hoc
0700	1100	0755-0108000J	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 12 INCHES THICK	SQYD	17000.000	\$105.00000	\$1,785,000.00	Ad Hoc
0700	1110	0759-0103000K	CONCRETE CURBS, CURB AND GUTTER	CUYD	616.000	\$70.00000	\$43,120.00	Ad Hoc
0700	1120	0759-0106000F	CONCRETE CURBS, LOW PROFILE MOUNTABLE CURB	FOOT	3650.000	\$40.00000	\$146,000.00	Ad Hoc
0700	1130	0759-0110000F	CONCRETE CURBS, STANDARD CURB	FOOT	2650.000	\$50.00000	\$132,500.00	Ad Hoc
0700	1140	0759-0122000J	CONCRETE ISLANDS	SQFT	14100.000	\$22.00000	\$310,200.00	Ad Hoc
0700	1150	0759-0126000J	CONCRETE DRIVEWAYS	SQFT	1970.000	\$20.00000	\$39,400.00	Ad Hoc
0700	1160	0759-0128000J	CONCRETE WALKS	SQFT	8920.000	\$15.00000	\$133,800.00	Ad Hoc
0800	1170	0810-0104000F	GUARDRAIL, TYPE 2A	FOOT	1925.000	\$40.00000	\$77,000.00	Ad Hoc
0800	1180	0810-0120000E	GUARDRAIL ANCHORS, TYPE 1 MODIFIED	EACH	1.000	\$1,500.00000	\$1,500.00	Ad Hoc
0800	1190	0810-0122000E	GUARDRAIL END PIECES, TYPE B	EACH	1.000	\$3,200.00000	\$3,200.00	Ad Hoc
0800	1200	0810-0126000E	GUARDRAIL TRANSITION	EACH	3.000	\$180.00000	\$540.00	Ad Hoc
0800	1210	0810-0129000E	GUARDRAIL TERMINALS, NON-FLARED	EACH	3.000	\$4,000.00000	\$12,000.00	Ad Hoc
0800	1220	0811-0101000F	CABLE BARRIER, TEST LEVEL 3	FOOT	5580.000	\$32.00000	\$178,560.00	Ad Hoc
0800	1230	0820-0100000F	CONCRETE BARRIER	FOOT	1801.000	\$110.00000	\$198,110.00	Ad Hoc
0800	1240	0820-0127000F	CONCRETE BARRIER, TALL	FOOT	3989.000	\$125.00000	\$498,625.00	Ad Hoc
0800	1250	0820-0400000F	SECURING CONCRETE BARRIER	FOOT	5790.000	\$15.00000	\$86,850.00	Ad Hoc
0800	1260	0855-0100100E	MONO-DIRECTIONAL WHITE TYPE I MARKERS	EACH	505.000	\$6.00000	\$3,030.00	Ad Hoc
0800	1270	0855-0102100E	BI-DIRECTIONAL YELLOW TYPE I MARKERS	EACH	305.000	\$7.00000	\$2,135.00	Ad Hoc
0800	1280	0865-0116600F	THERMOPLASTIC, EXTRUDED, SURFACE, PROFILED	FOOT	64605.000	\$1.50000	\$96,907.50	Ad Hoc
0800	1290	0867-0103000E	PAVEMENT LEGEND, TYPE B: ARROWS	EACH	49.000	\$325.00000	\$15,925.00	Ad Hoc
0800	1300	0867-0145100J	PAVEMENT BAR, TYPE B-HS	SQFT	1745.000	\$15.00000	\$26,175.00	Ad Hoc
0800	1310	0867-0169000E	PAVEMENT LEGEND, TYPE B: YIELD LINE TRIANGLE	EACH	35.000	\$42.00000	\$1,470.00	Ad Hoc
0900	1320	0902-0101000E	CROSSWALK CLOSURE SUPPORTS	EACH	4.000	\$800.00000	\$3,200.00	Ad Hoc

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0900	1330	0905-0100000A	REMOVE EXISTING SIGNS	LS	1.000	\$7,500.00000	\$7,500.00	Ad Hoc
0900	1340	0905-0101000A	REMOVE AND REINSTALL EXISTING SIGNS	LS	1.000	\$1,300.00000	\$1,300.00	Ad Hoc
0900	1350	0920-0100000A	SIGN SUPPORT FOOTINGS	CUYD	1.000	\$62,000.00000	\$62,000.00	Ad Hoc
0900	1360	0921-0501000F	60 INCH DIAMETER SIGN SUPPORT DRILLED SHAFT FOUNDATION	FOOT	22.000	\$2,600.00000	\$57,200.00	Ad Hoc
0900	1370	0930-0104000A	MONOTUBE CANTILEVER SIGN STRUCTURES	LB	1.000	\$107,000.00000	\$107,000.00	Ad Hoc
0900	1380	0930-0105000A	BRIDGE STRUCTURE MOUNTS	LB	1.000	\$40,000.00000	\$40,000.00	Ad Hoc
0900	1390	0930-0110000A	SECONDARY SIGN MOUNTS	LB	1.000	\$1,000.00000	\$1,000.00	Ad Hoc
0900	1400	0930-0111000A	MULTI-POST BREAKAWAY SIGN SUPPORTS	LB	1.000	\$82,000.00000	\$82,000.00	Ad Hoc
0900	1410	0930-0112000A	TRIANGULAR BASE BREAKAWAY SIGN SUPPORTS	LB	1.000	\$28,500.00000	\$28,500.00	Ad Hoc
0900	1420	0930-0114000A	PERFORATED STEEL SQUARE TUBE SLIP BASE SIGN SUPPORTS	LB	1.000	\$15,100.00000	\$15,100.00	Ad Hoc
0900	1430	0930-0117000A	PERFORATED STEEL SQUARE TUBE ANCHOR SIGN SUPPORTS	LB	1.000	\$28,600.00000	\$28,600.00	Ad Hoc
0900	1440	0940-0201000J	SIGNS, STANDARD SHEETING, EXTRUDED ALUMINUM	SQFT	1400.000	\$35.00000	\$49,000.00	Ad Hoc
0900	1450	0940-0202000J	SIGNS, STANDARD SHEETING, SHEET ALUMINUM	SQFT	1020.000	\$20.00000	\$20,400.00	Ad Hoc
0900	1460	0940-0204100J	SIGNS, WIDE ANGLE SHEETING, EXTRUDED ALUMINUM	SQFT	700.000	\$40.00000	\$28,000.00	Ad Hoc
0900	1470	0940-0205100J	SIGNS, WIDE ANGLE SHEETING, SHEET ALUMINUM	SQFT	70.000	\$25.00000	\$1,750.00	Ad Hoc
0900	1480	0963-0102000F	42 INCH DIAMETER SIGNAL SUPPORT DRILLED SHAFT	FOOT	180.000	\$950.00000	\$171,000.00	Ad Hoc
0900	1490	0965-0100000A	CAMERA POLES AND FOUNDATIONS	LS	1.000	\$35,000.00000	\$35,000.00	Ad Hoc
0900	1500	0970-0100000A	POLE FOUNDATIONS	EACH	1.000	\$144,000.00000	\$144,000.00	Ad Hoc
0900	1510	0970-0104000A	LUMINAIRES, LAMPS, AND BALLASTS	LS	1.000	\$34,000.00000	\$34,000.00	Ad Hoc
0900	1520	0970-0105000A	SWITCHING, CONDUIT, AND WIRING	FOOT	1.000	\$548,000.00000	\$548,000.00	Ad Hoc
0900	1530	0970-0200000A	LIGHTING POLES AND ARMS	LS	1.000	\$270,000.00000	\$270,000.00	Ad Hoc
0900	1540	0985-0110000A	ELECTRICAL SYSTEMS INSTALLATION	LS	1.000	\$70,000.00000	\$70,000.00	Ad Hoc
0900	1550	0987-0110000A	TELECOMMUNICATIONS, INSTALLATION	LS	1.000	\$185,000.00000	\$185,000.00	Ad Hoc
0900	1560	0987-0120000A	TELECOMMUNICATIONS, SPLICING AND TESTING	LS	1.000	\$11,000.00000	\$11,000.00	Ad Hoc
0900	1570	0990-0101000A	TRAFFIC SIGNAL INSTALLATION, EHLEN RD AT BENTS RD	EACH	1.000	\$390,000.00000	\$390,000.00	Ad Hoc

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0900	1580	0990-0101000A	TRAFFIC SIGNAL INSTALLATION, I-5 SB RAMPS	EACH	1.000	\$290,000.00000	\$290,000.00	Ad Hoc
0900	1590	0990-0101000A	TRAFFIC SIGNAL INSTALLATION, NB RAMPS	EACH	1.000	\$310,000.00000	\$310,000.00	Ad Hoc
1000	1600	1011-0100000A	STORAGE POND, _____	LS	1.000	\$75,000.00000	\$75,000.00	Ad Hoc
1000	1610	1011-0100000A	STORAGE POND, _____	LS	1.000	\$75,000.00000	\$75,000.00	Ad Hoc
1000	1620	1011-0100000A	STORAGE POND, _____	LS	1.000	\$75,000.00000	\$75,000.00	Ad Hoc
1000	1630	1012-0100000A	WATER QUALITY SWALE, _____	LS	1.000	\$65,000.00000	\$65,000.00	Ad Hoc
1000	1640	1012-0100000A	WATER QUALITY SWALE, _____	LS	1.000	\$149,500.00000	\$149,500.00	Ad Hoc
1000	1650	1012-0100000A	WATER QUALITY SWALE, _____	LS	1.000	\$68,250.00000	\$68,250.00	Ad Hoc
1000	1660	1012-0100000A	WATER QUALITY SWALE, _____	LS	1.000	\$65,000.00000	\$65,000.00	Ad Hoc
1000	1670	1013-0100000A	BIOSLOPE, _____	LS	1.000	\$761,500.00000	\$761,500.00	Ad Hoc
1000	1680	1030-0108000R	ROADSIDE DEVELOPMENT - LUMP SUM PLACE HOLDER	ACRE	22.000	\$10,000.00000	\$220,000.00	Ad Hoc
1000	1690	1050-0104000F	TYPE 2 FENCE	FOOT	1528.000	\$20.00000	\$30,560.00	Ad Hoc
1000	1700	1050-0117000E	22 FOOT DOUBLE GATES	EACH	1.000	\$4,300.00000	\$4,300.00	Ad Hoc
1000	1710	1050-0135000F	_____ CHAIN LINK FENCE	FOOT	500.000	\$62.00000	\$31,000.00	Ad Hoc
1000	1720	1091-0100600K	ENGINEERED STREAMBED MATERIAL	CUYD	156.000	\$200.00000	\$31,200.00	Ad Hoc
9400	1730	9400-0011000A	STATISTICAL ASPHALT BONUS	LS	1.000	\$131,580.00000	\$131,580.00	Ad Hoc
9400	1740	9400-0011100A	STATISTICAL PCC BONUS	LS	1.000	\$100,000.00000	\$100,000.00	Ad Hoc
9400	1750	9400-0011200A	PCC SMOOTHNESS BONUS	LS	1.000	\$50,000.00000	\$50,000.00	Ad Hoc
9400	1760	9400-0011300A	AC SMOOTHNESS BONUS	LS	1.000	\$50,000.00000	\$50,000.00	Ad Hoc
9400	1770	9400-0011410A	AC ESCALATION	LS	1.000	\$157,600.00000	\$157,600.00	Ad Hoc
9400	1780	9400-0011420A	FUEL ESCALATION	LS	1.000	\$131,000.00000	\$131,000.00	Ad Hoc
9400	1790	9400-0011430A	STEEL ESCALATION	LS	1.000	\$94,000.00000	\$94,000.00	Ad Hoc
9400	1800	9400-0012700A	PUBLIC OUTREACH	LS	1.000	\$100,000.00000	\$100,000.00	Ad Hoc
9400	1810	9400-0013000A	WORK ZONE SAFETY MONITORING/TRAFFIC OVERSIGHT	LS	1.000	\$150,000.00000	\$150,000.00	Ad Hoc
9800	1820	9800-0000150A	ENGINEERING	LS	1.000	\$3,588,282.65000	\$3,588,282.65	Reference