



APPENDIX C

Construction Cost Estimates



# ENGINEER'S ESTIMATE

STATE OF ALASKA -- DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES -- CENTRAL REGION

PROJECT NUMBER: TBD / CFHWY00359  
**DRAFT PRELIMINARY ENGINEERING REPORT**

PROJECT NAME: DOWLING ROAD & SEWARD HIGHWAY  
 RECONSTRUCTION - TIGHT DIAMOND ALTERNATIVE

Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
===== BASIC BID =====					
Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
201(3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQ'D	\$100,000.00	\$100,000.00
202(1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQ'D	\$50,000.00	\$50,000.00
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	67,400	\$2.00	\$134,800.00
202(3)	REMOVAL OF SIDEWALK	SQUARE YARD	6,700	\$17.00	\$113,900.00
202(4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	221	\$19.00	\$4,199.00
202(6)	REMOVAL OF MANHOLE	EACH	2	\$1,600.00	\$3,200.00
202(8)	REMOVAL OF INLET	EACH	16	\$1,600.00	\$25,600.00
202(9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	12,590	\$7.00	\$88,130.00
202(13)	REMOVAL OF FENCE	LINEAR FOOT	820	\$3.00	\$2,460.00
202(15)	PAVEMENT PLANING	SQUARE YARD	25,100	\$4.00	\$100,400.00
202(23)	REMOVAL OF EXISTING BRIDGE 1324	LS-SF	11,550	\$30.00	\$346,500.00
203(1)	COMMON EXCAVATION	CUBIC YARD	163,000	\$9.00	\$1,467,000.00
203(4)	MUCK EXCAVATION	CUBIC YARD	8,200	\$10.00	\$82,000.00
203(6A)	BORROW, TYPE A	TON	75,000	\$12.00	\$900,000.00
203(9)	OBLITERATION OF ROADWAY	SQUARE YARD	7,320	\$8.00	\$58,560.00
203(27)	DITCH LINEAR GRADING	STATION	100	\$750.00	\$75,000.00
203(32)	CHECK DAM	EACH	5	\$1,600.00	\$8,000.00
203(42)	DRAINAGE BASIN	EACH	1	\$14,850.00	\$14,850.00
203(43)	BIOSWALE	LINEAR FOOT	170	\$9.00	\$1,530.00
205(6)	STRUCTURAL FILL	CUBIC YARD	6,750	\$35.00	\$236,250.00
205(10)	FOUNDATION LEVELING COURSE	TON	1,060	\$100.00	\$106,000.00
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	10,000	\$24.00	\$240,000.00
306(1)	ATB	TON	16,000	\$80.00	\$1,280,000.00
306(2)	ASPHALT BINDER, GRADE PG 52-34	TON	800	\$800.00	\$640,000.00
306(15)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	\$0.00	\$0.00
401(1A)	HMA, TYPE II; CLASS A	TON	4,900	\$86.00	\$421,400.00
401(4)	ASPHALT BINDER, GRADE PG 52-34	TON	250	\$800.00	\$200,000.00
401(5)	HMA, TEMPORARY, TYPE II; CLASS B	TON	1,700	\$120.00	\$204,000.00
401(8A)	HMA PRICE ADJUSTMENT, TYPE II; CLASS A	CONTINGENT SUM	ALL REQ'D	\$0.00	\$0.00
401(14)	JOINT ADHESIVE	LINEAR FOOT	2,590	\$1.00	\$2,590.00
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	49	\$1,060.00	\$51,940.00
406(4)	RUMBLE STRIPS - SHOULDERS	MILE	2.9	\$1,500.00	\$4,350.00
408(1)	HMA, TYPE V	TON	6,300	\$91.00	\$573,300.00
408(4)	ASPHALT BINDER, GRADE PG 58-34	TON	320	\$850.00	\$272,000.00
408(8)	HMA PRICE ADJUSTMENT, TYPE V	CONTINGENT SUM	ALL REQ'D	\$0.00	\$0.00
408(14)	JOINT ADHESIVE	LINEAR FOOT	540	\$1.00	\$540.00
501(1)	CLASS A CONCRETE	LUMP SUM	ALL REQ'D	\$1,162,500.00	\$1,162,500.00
501(7)	PRECAST CONCRETE MEMBER (143'-6" DECKED BULB-TEE)	EACH	26	\$105,000.00	\$2,730,000.00
503(1)	REINFORCING STEEL	POUNDS	93,000	\$2.00	\$186,000.00
503(2)	EPOXY-COATED REINFORCING STEEL	POUNDS	62,000	\$2.25	\$139,500.00
507(4)	CONCRETE BRIDGE BARRIER	LINEAR FOOT	555	\$300.00	\$166,500.00
507(6)	CABLE SAFETY RAILING	LINEAR FOOT	284	\$25.00	\$7,100.00
508(1A)	WATERPROOFING MEMBRANE (SPRAY-ON)	SQUARE FOOT	25,160	\$13.00	\$327,080.00
511(1)	MECHCANICALLY STABILIZED EARTH WALL	SQUARE FOOT	47,500	\$70.00	\$3,325,000.00
511(2)	MOMENT SLAB COPING	LINEAR FOOT	2,712	\$270.00	\$732,240.00
603(1-18)	18 INCH CSP	LINEAR FOOT	100	\$100.00	\$10,000.00
603(1-24)	24 INCH CSP	LINEAR FOOT	100	\$110.00	\$11,000.00
603(3-18)	END SECTION FOR 18 INCH PIPE	EACH	6	\$600.00	\$3,600.00
603(3-24)	END SECTION FOR 24 INCH PIPE	EACH	6	\$800.00	\$4,800.00
603(21-18)	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	600	\$140.00	\$84,000.00
603(21-24)	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	1100	\$150.00	\$165,000.00
604(1A)	STORM SEWER MANHOLE, TYPE I	EACH	4	\$5,740.00	\$22,960.00
604(1B)	STORM SEWER MANHOLE, TYPE II	EACH	1	\$10,100.00	\$10,100.00
604(3)	RECONSTRUCT EXISTING MANHOLE	EACH	5	\$3,000.00	\$15,000.00
604(4)	ADJUST EXISTING MANHOLE	EACH	12	\$1,000.00	\$12,000.00
604(5A)	INLET, TYPE A	EACH	14	\$4,460.00	\$62,440.00
604(8)	OIL AND GRIT SEPERATOR	EACH	1	\$50,000.00	\$50,000.00
605(1-10)	10 IN PERFORATED CORRUGATED STEEL PIPE FOR UNDERDRAIN	LINEAR FOOT	1000	\$100.00	\$100,000.00
606(1)	W-BEAM GUARDRAIL	LINEAR FOOT	3,890	\$20.00	\$77,800.00
606(6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	7,324	\$3.00	\$21,972.00
606(13)	PARALLEL GUARDRAIL TERMINAL	EACH	6	\$3,000.00	\$18,000.00
606(16)	TRANSITION RAIL	EACH	4	\$3,000.00	\$12,000.00
606(18A)	LOW MAINTENANCE AND SELF-RESTORING CRASH CUSHION	EACH	2	\$45,900.00	\$91,800.00
606(19A)	GUARDRAIL REFLECTOR	LUMP SUM	ALL REQ'D	\$4,400.00	\$4,400.00
606(19B)	GUARDRAIL FLEXIBLE DELINEATOR	LUMP SUM	ALL REQ'D	\$4,400.00	\$4,400.00
607(3)	CHAIN LINK FENCE	LINEAR FOOT	290	\$22.00	\$6,380.00
608(1A)	CONCRETE SIDEWALK, 4 INCH THICK	SQUARE YARD	3,350	\$60.00	\$201,000.00
608(3)	ASPHALT SIDEWALK	SQUARE YARD	3,350	\$25.00	\$83,750.00
608(6)	CURB RAMP	EACH	24	\$3,000.00	\$72,000.00
608(10)	DETECTABLE WARNING TILES	EACH	24	\$2,000.00	\$48,000.00
608(13E)	CONCRETE (SLABS), TYPE V, 4 INCHES THICK, COLORED AND PATTERN IMPRINTED	SQUARE YARD	6,300	\$120.00	\$756,000.00
609(2A)	CURB AND GUTTER, TYPE I	LINEAR FOOT	15,200	\$25.00	\$380,000.00
610(3)	DITCH LINING	STATION	36	\$2,500.00	\$90,000.00
615(1)	STANDARD SIGN	SQUARE FOOT	750	\$105.00	\$78,750.00



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 RECONSTRUCTION - TIGHT DIAMOND ALTERNATIVE

Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
===== BASIC BID =====					
Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
615(5)	DELINEATOR, FLEXIBLE	EACH	14	\$125.00	\$1,750.00
615(6)	SALVAGE SIGN	EACH	62	\$125.00	\$7,750.00
615(11)	OVERHEAD SIGN SUPPORT	EACH	2	\$80,000.00	\$160,000.00
618(1)	SEEDING	ACRE	8	\$4,400.00	\$35,200.00
618(3)	WATER FOR SEEDING	M. GAL	317	\$50.00	\$15,850.00
619(3)	COMPOST 2 INCH THICK	SQUARE YARD	30,000	\$3.00	\$90,000.00
620(1C)	TOPSOIL (6 INCH DEPTH)	SQUARE YARD	5,200	\$30.00	\$156,000.00
626(1-12)	SANITARY SEWER CONDUIT, 12 INCH	LINEAR FOOT	1,100	\$90.00	\$99,000.00
627(6)	FIRE HYDRANT RELOCATION	EACH	5	\$15,000.00	\$75,000.00
627(10)	ADJUSTMENT OF VALVE BOX	EACH	16	\$500.00	\$8,000.00
627(10A)	REMOVE AND REPLACE WATER VALVE BOX AND LID	EACH	3	\$1,000.00	\$3,000.00
630(1)	GEOTEXTILE, SEPARATION	SQUARE YARD	149,000	\$1.00	\$149,000.00
639(4)	DRIVEWAY	EACH	10	\$1,500.00	\$15,000.00
639(6)	APPROACH	EACH	5	\$1,500.00	\$7,500.00
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D	\$750,000.00	\$750,000.00
641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D	7,500	\$7,500.00
641(2)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQ'D	450,000	\$450,000.00
641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQ'D	\$0.00	\$0.00
641(7)	SWPPP MANAGER	LUMP SUM	ALL REQ'D	4,300	\$4,300.00
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D	125,000	\$125,000.00
642(3)	THREE PERSON SURVEY PARTY	LABOR HOUR	350	\$300.00	\$105,000.00
642(14)	CONTRACTOR FURNISHED ENGINEERING TOOLS	CONTINGENT SUM	ALL REQ'D	150,000	\$150,000.00
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D	625,000	\$625,000.00
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQ'D	17,500	\$17,500.00
643(15A)	FLAGGING	CONTINGENT SUM	ALL REQ'D	375,000	\$375,000.00
643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	0	\$0.00
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D	1,000,000	\$1,000,000.00
644(1)	FIELD OFFICE	LUMP SUM	ALL REQ'D	32,500	\$32,500.00
644(8)	VEHICLE (LT/SUV)	EACH	4	\$37,000.00	\$148,000.00
644(10)	ENGINEERING COMMUNICATIONS	CONTINGENT SUM	ALL REQ'D	1,500	\$1,500.00
644(17)	IMAGE DOCUMENTATION	LUMP SUM	ALL REQ'D	14,300	\$14,300.00
645(1)	TRAINING PROGRAM 4 TRAINEES / APPRENTICES	LABOR HOUR	5,300	\$10.00	\$53,000.00
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQ'D	4,000	\$4,000.00
646(2)	SCHEDULE PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	0	\$0.00
647(1)	WIDE PAD DOZER, 65 HP MIN	CONTINGENT SUM	ALL REQ'D	22,500	\$22,500.00
647(5)	BACKHOE, 4WD, 1 CY BUCKET, 75 HP MIN, 15 FT DEPTH	CONTINGENT SUM	ALL REQ'D	22,500	\$22,500.00
660(1)	TRAFFIC SIGNAL SYSTEM COMPLETE	LUMP SUM	ALL REQ'D	\$600,000.00	\$600,000.00
660(3)	HIGHWAY LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQ'D	628,000	\$628,000.00
660(11)	TRAFFIC LOOP	EACH	72	\$1,250.00	\$90,000.00
660(12)	UNDERPASS LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQ'D	\$27,000.00	\$27,000.00
660(13)	RELOCATE ELECTROLIER	EACH	42	\$3,500.00	\$147,000.00
660(14)	TEMPORARY ELECTROLIER	CONTINGENT SUM	ALL REQ'D	\$43,200.00	\$43,200.00
660(15A)	SALVAGE EXISTING ELECTROLIER	EACH	7	\$2,000.00	\$14,000.00
660(22)	ILLUMINATION PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	\$0.00	\$0.00
670(10A)	HMA PAVEMENT MARKINGS, LONGITUDINAL SURFACE APPLIED	LINEAR FOOT	4,500	\$1.50	\$6,750.00
670(10B)	HMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) SURFACE APPLIED	EACH	19	\$450.00	\$8,550.00
670(10C)	HMA PAVEMENT MARKINGS, TRANSVERSE AND GORE SURFACE APPLIED	LINEAR FOOT	630	\$4.00	\$2,520.00
670(10D)	HMA PAVEMENT MARKINGS, LONGITUDINAL INLAID	LINEAR FOOT	49,700	\$4.00	\$198,800.00
670(10E)	HMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) INLAID	EACH	24	\$820.00	\$19,680.00
670(10F)	HMA PAVEMENT MARKINGS, TRANSVERSE AND GORE INLAID	LINEAR FOOT	8,900	\$10.00	\$89,000.00
682(1)	VAC-TRUCK POTHOLE	CONTINGENT SUM	ALL REQ'D	\$40,000.00	\$40,000.00

BASIC BID TOTAL	\$	25,726,721.00
CONSTRUCTION ENGINEERING @ 15%	\$	3,859,008.00
	SUBTOTAL \$	29,585,729.00
ICAP @ 4.96%	\$	1,467,452.16
<b>CONSTRUCTION TOTAL</b>	<b>\$</b>	<b>31,053,181.16</b>



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STATE OF ALASKA -- DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES -- CENTRAL REGION

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 RECONSTRUCTION - ROUNDABOUT ALTERNATIVE

Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
===== BASIC BID =====					
Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
201(3B)	CLEARING & GRUBBING	LUMP SUM	ALL REQ'D	\$112,500	\$112,500.00
202(1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQ'D	\$50,000	\$50,000.00
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	60700	\$2	\$121,400.00
202(3)	REMOVAL OF SIDEWALK	SQUARE YARD	5010	\$17	\$85,170.00
202(4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	60	\$19	\$1,140.00
202(6)	REMOVAL OF MANHOLE	EACH	3	\$1,600	\$4,800.00
202(8)	REMOVAL OF INLET	EACH	16	\$1,600	\$25,600.00
202(9)	REMOVAL OF CURB & GUTTER	LINEAR FOOT	12200	\$7	\$85,400.00
202(13)	REMOVAL OF FENCE	LINEAR FOOT	230	\$3	\$690.00
202(15)	PAVEMENT PLANING	SQUARE YARD	25100	\$4	\$100,400.00
202(23)	REMOVAL OF EXISTING BRIDGE 1324	SQUARE YARD	ALL REQ'D	\$346,500	\$346,500.00
203(1)	COMMON EXCAVATION	CUBIC YARD	109000	\$9	\$981,000.00
203(4)	MUCK EXCAVATION	CUBIC YARD	5450	\$10	\$54,500.00
203(6A)	BORROW, TYPE A	TON	102000	\$12	\$1,224,000.00
203(9)	OBLITERATION OF ROADWAY	SQUARE YARD	5000	\$8	\$40,000.00
203(27)	DITCH LINEAR GRADING	STATION	100	\$750	\$75,000.00
203(32)	CHECK DAM	EACH	5	\$1,600	\$8,000.00
203(42)	DRAINAGE BASIN	EACH	1	\$14,850	\$14,850.00
203(43)	BIOSWALE	LINEAR FOOT	150	\$9	\$1,350.00
205(6)	STRUCTURAL FILL	CUBIC YARD	6750	\$35	\$236,250.00
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	9000	\$24	\$216,000.00
306(1)	ATB	TON	19800	\$80	\$1,584,000.00
306(2)	ASPHALT BINDER, GRADE PG 52-28	TON	990	\$800	\$792,000.00
306(15)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	\$0	\$0.00
401(1A)	HMA, TYPE II: CLASS A	TON	3900	\$86	\$335,400.00
401(4)	ASPHALT BINDER, GRADE PG 52-28	TON	220	\$800	\$176,000.00
401(5)	HMA, TEMPORARY, TYPE II: CLASS B	TON	1700	\$120	\$204,000.00
401(8A)	HMA PRICE ADJUSTMENT, TYPE II: CLASS A	CONTINGENT SUM	ALL REQ'D	\$0	\$0.00
401(14)	JOINT ADHESIVE	LINEAR FOOT	10800	\$1	\$10,800.00
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	41	\$1,060	\$43,460.00
406(4)	RUMBLE STRIPS	MILE	2.5	\$1,500	\$3,750.00
408(1)	HMA, TYPE V	TON	8100	\$91	\$737,100.00
408(4)	ASPHALT BINDER, GRADE PG 58-34	TON	446	\$850	\$379,100.00
408(8)	HMA PRICE ADJUSTMENT, TYPE V	CONTINGENT SUM	ALL REQ'D	\$0	\$0.00
408(14)	JOINT ADHESIVE	LINEAR FOOT	28300	\$1	\$28,300.00
501(1)	CLASS A CONCRETE	LUMP SUM	ALL REQ'D	\$1,162,500	\$1,162,500.00
501(7)	PRECAST CONCRETE MEMBER 143'-6" DECKED BULB-TEE)	EACH	26	\$105,000	\$2,730,000.00
503(1)	REINFORCING STEEL	LUMP SUM	ALL REQ'D	\$186,000	\$186,000.00
503(2)	EPOXY-COATED REINFORCING STEEL	LUMP SUM	ALL REQ'D	\$139,500	\$139,500.00
507(4)	CONCRETE BRIDGE BARRIER	LINEAR FOOT	555	\$300	\$166,500.00
507(6)	CABLE SAFETY RAILING	LINEAR FOOT	284	\$25	\$7,100.00
508(1)	WATERPROOFING MEMBRANE (SPRAY-ON)	LUMP SUM	ALL REQ'D	\$327,080	\$327,080.00
511(1)	MECHANICALLY STABILIZED EARTH WALL	SQUARE FOOT	5100	\$65	\$331,500.00
603(1-18)	18 INCH CSP	LINEAR FOOT	100	\$100	\$10,000.00
603(1-24)	24 INCH CSP	LINEAR FOOT	100	\$110	\$11,000.00
603(3-18)	END SECTION FOR 18 INCH PIPE	EACH	6	\$600	\$3,600.00
603(3-24)	END SECTION FOR 24 INCH PIPE	EACH	6	\$800	\$4,800.00
603(21-18)	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	600	\$140	\$84,000.00
603(21-24)	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	1120	\$150	\$168,000.00
604(1A)	STORM SEWER MANHOLE, TYPE I	EACH	9	\$5,740	\$51,660.00
604(1B)	STORM SEWER MANHOLE, TYPE II	EACH	1	\$10,100	\$10,100.00
604(3)	RECONSTRUCT EXISTING MANHOLE	EACH	2	\$3,000	\$6,000.00
604(4)	ADJUST EXISTING MANHOLE	EACH	12	\$1,000	\$12,000.00
604(5A)	INLET, TYPE A	EACH	12	\$4,460	\$53,520.00
604(8)	OIL AND GRIT SEPERATOR	EACH	2	\$50,000	\$100,000.00
605(1-10)	10 IN PERFORATED CORRUGATED STEEL PIPE FOR UNDERDRAIN	LINEAR FOOT	1000	\$100	\$100,000.00
606(1)	W-BEAM GUARDRAIL	LINEAR FOOT	7200	\$20	\$144,000.00
606(6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	7313	\$3	\$21,939.00
606(13)	PARALLEL GUARDRAIL TERMINAL	EACH	8	\$3,000	\$24,000.00
606(16)	TRANSITION RAIL	EACH	4	\$3,000	\$12,000.00
606(18A)	LOW MAINTENANCE AND SELF-RESTORING CRASH CUSHION	EACH	2	\$45,900	\$91,800.00
606(19A)	GUARDRAIL REFLECTOR	LUMP SUM	ALL REQ'D	\$8,200	\$8,200.00
606(19B)	GUARDRAIL FLEXIBLE DELINEATOR	LUMP SUM	ALL REQ'D	\$8,200	\$8,200.00
607(3)	CHAIN LINK FENCE	LINEAR FOOT	230	\$22	\$5,060.00
608(1A)	CONCRETE SIDEWALK, 4 INCH THICK	SQUARE YARD	3105	\$60	\$186,300.00
608(3)	ASPHALT SIDEWALK	SQUARE YARD	3105	\$25	\$77,625.00
608(6)	CURB RAMP	EACH	22	\$3,000	\$66,000.00
608(10)	DETECTABLE WARNING TILES	EACH	22	\$2,000	\$44,000.00
608(13E)	CONCRETE (SLABS), TYPE V, 4 INCHES THICK, COLORED AND PATTERN IMPRINTED	SQUARE YARD	3680	\$120	\$441,600.00
608(13F)	CONCRETE (SLABS), TYPE V, 6 INCHES THICK, COLORED AND PATTERN IMPRINTED	SQUARE YARD	840	\$130	\$109,200.00
609(2A)	CURB AND GUTTER, TYPE I	LINEAR FOOT	16530	\$25	\$413,250.00
610(3)	DITCH LINING	STATION	30	\$2,500	\$75,000.00
615(1)	STANDARD SIGN	SQUARE FOOT	1000	\$105	\$105,000.00
615(5)	DELINEATOR, FLEXIBLE	EACH	12	\$125	\$1,500.00



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Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
===== BASIC BID =====					
Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
615(6)	SALVAGE SIGN	EACH	62	\$125	\$7,750.00
615(11)	OVERHEAD SIGN SUPPORT	EACH	4	\$80,000	\$320,000.00
618(1)	SEEDING, TYPE A	ACRE	10	\$4,400	\$44,000.00
618(3)	WATER FOR SEEDING	M. GAL.	400	\$50	\$20,000.00
619(3)	COMPOST 2 INCH THICK	SQUARE YARD	32700	\$3	\$98,100.00
620(1)	TOPSOIL	SQUARE YARD	10900	\$30	\$327,000.00
621(1A)	TREE, PICEA PUNGENS FORMA GLAUCA 'BAKERI' 6' HT.	EACH	16	\$500	\$8,000.00
621(2A)	SHRUB, ARCTOSTAPHYLOS UVA-URSI - 1 GAL.	EACH	20	\$20	\$400.00
621(2B)	SHRUB, POTENTILLA FRUTICOSA 'GOLDFINGER' - 2 GAL.	EACH	40	\$40	\$1,600.00
621(2C)	SHRUB, CORNUS SERICEA (C. STOLONIFERA) - 5 GAL.	EACH	80	\$50	\$4,000.00
621(2D)	SHRUB, ROSA RUGOSA - 5 GAL.	EACH	20	\$50	\$1,000.00
621(2E)	SHRUB, JUNIPERUS COMMUNIS 'GREEN CARPET' - 5 GAL.	EACH	40	\$50	\$2,000.00
621(6A)	EDGING (4 INCH HEIGHT)	LINEAR FOOT	600	\$5	\$3,000.00
621(8)	WATER FOR MAINTENANCE	M. GAL.	5	\$200	\$1,000.00
621(10A)	DECORATIVE ROCK MULCH (3 INCH DEPTH)	SQUARE YARD	1050	\$8	\$8,400.00
621(10B)	WOOD MULCH (2 INCH DEPTH)	SQUARE YARD	1050	\$11	\$11,550.00
622(16)	ROUNDABOUT LANDSCAPE	EACH	2	\$1,500	\$3,000.00
627(6)	FIRE HYDRANT RELOCATION	EACH	2	\$15,000	\$30,000.00
627(10)	ADJUSTMENT OF VALVE BOX	EACH	11	\$500	\$5,500.00
630(1)	GEOTEXTILE, SEPARATION	SQUARE YARD	111000	\$1	\$111,000.00
630(2)	GEOTEXTILE, STABILIZATION	SQUARE YARD	600	\$4	\$2,400.00
639(4)	DRIVEWAY	EACH	9	\$1,500	\$13,500.00
639(6)	APPROACH	EACH	5	\$1,500	\$7,500.00
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D	\$750,000	\$750,000.00
641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D	\$7,500	\$7,500.00
641(2)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQ'D	\$450,000	\$450,000.00
641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQ'D	\$0	\$0.00
641(7)	SWPPP MANAGER	LUMP SUM	ALL REQ'D	\$4,300	\$4,300.00
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D	\$125,000	\$125,000.00
642(3)	THREE PERSON SURVEY PARTY	HOUR	350	\$300	\$105,000.00
642(14)	CONTRACTOR FURNISHED ENGINEERING TOOLS	CONTINGENT SUM	ALL REQ'D	\$150,000	\$150,000.00
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D	\$625,000	\$625,000.00
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQ'D	\$17,500	\$17,500.00
643(15A)	FLAGGING	CONTINGENT SUM	ALL REQ'D	\$375,000	\$375,000.00
643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	\$0	\$0.00
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D	\$1,000,000	\$1,000,000.00
644(1)	FIELD OFFICE	LUMP SUM	ALL REQ'D	\$32,500	\$32,500.00
644(8)	VEHICLE (LT/SUV)	EACH	4	\$37,000	\$148,000.00
644(10)	ENGINEERING COMMUNICATIONS	CONTINGENT SUM	ALL REQ'D	\$1,500	\$1,500.00
644(17)	IMAGE DOCUMENTATION	LUMP SUM	ALL REQ'D	\$14,300	\$14,300.00
645(1)	TRAINING PROGRAM 4 TRAINEES / APPRENTICES	LABOR HOUR	5300	\$10	\$53,000.00
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQ'D	\$4,000	\$4,000.00
646(2)	SCHEDULE PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	\$0	\$0.00
647(1)	WIDE PAD DOZER, 65 HP MIN	CONTINGENT SUM	ALL REQ'D	\$22,500	\$22,500.00
647(5)	BACKHOE, 4WD, 1 CY BUCKET, 75 HP MIN. 15 FT DEPTH	CONTINGENT SUM	ALL REQ'D	\$22,500	\$22,500.00
660(3)	HIGHWAY LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQ'D	\$628,000	\$628,000.00
660(12)	UNDERPASS LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQ'D	\$27,000	\$27,000.00
660(13)	RELOCATE ELECTROLIER	EACH	40	\$3,500	\$140,000.00
660(14)	TEMPORARY ELECTROLIER	CONTINGENT SUM	ALL REQ'D	\$43,200	\$43,200.00
660(15A)	SALVAGE EXISTING ELECTROLIER	EACH	5	\$2,000	\$10,000.00
660(22)	ILLUMINATION PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	\$0	\$0.00
670(10A)	HMA PAVEMENT MARKINGS, LONGITUDINAL SURFACE APPLIED	LINEAR FOOT	4500	\$2	\$6,750.00
670(10B)	HMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) SURFACE APPLIED	EACH	19	\$450	\$8,550.00
670(10C)	HMA PAVEMENT MARKINGS, TRANSVERSE AND GORE SURFACE APPLIED	LINEAR FOOT	630	\$4	\$2,520.00
670(10D)	HMA PAVEMENT MARKINGS, LONGITUDINAL INLAID	LINEAR FOOT	46482	\$4	\$185,928.00
670(10E)	HMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) INLAID	EACH	21	\$820	\$17,220.00
670(10F)	HMA PAVEMENT MARKINGS, TRANSVERSE AND GORE INLAID	LINEAR FOOT	17600	\$10	\$176,000.00
682(1)	VAC-TRUCK POTHOLE	CONTINGENT SUM	ALL REQ'D	\$40,000	\$40,000.00
				BASIC BID TOTAL	\$ 21,801,462.00
				CONSTRUCTION ENGINEERING @ 15%	\$ 3,270,219.00
				SUBTOTAL	\$ 25,071,681.00
				ICAP @ 4.96%	\$ 1,243,555.38
				<b>CONSTRUCTION TOTAL</b>	<b>\$ 26,315,236.38</b>