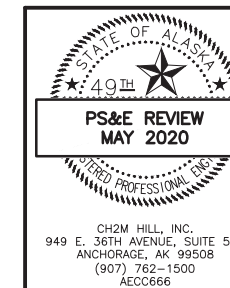


FILE [C:\PW_WORKDIR\DEN001\JM039121\00875435\00012\001_EST.DWG] DATE/TIME 5/15/2020 1:35 PM LAYOUT C1 DESIGNED CHECKED DRAFTED

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0537008/CFHWY00012	2020	C1	C3

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
201.0009.0000	CLEARING AND GRUBBING	LUMP SUM	ALL REQUIRED
201.0010.0000	HAND CLEARING	LUMP SUM	ALL REQUIRED
202.0001.0000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQUIRED
202.0002.0000	REMOVAL OF PAVEMENT	SQUARE YARD	193,000
202.0003.0000	REMOVAL OF SIDEWALK	SQUARE YARD	1,500
202.0004.0000	REMOVAL OF CULVERT PIPE	LINEAR FOOT	5,150
202.0006.0000	REMOVAL OF MANHOLE	EACH	5
202.0008.0000	REMOVAL OF INLET	EACH	23
202.0009.0000	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	10,000
202.2022.0000	REMOVAL OF FENCE	LINEAR FOOT	15,800
202.2023.0000	PAVEMENT PLANING	SQUARE YARD	8,550
203.0003.0000	UNCLASSIFIED EXCAVATION	CUBIC YARD	406,000
203.0006.000A	BORROW, TYPE A	TON	601,000
203.2039.0000	DETENTION POND	EACH	4
203.2047.0000	POND LINER	SQUARE YARD	5,800
205.0006.0000	STRUCTURAL FILL	CUBIC YARD	4,950
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	36,600
306.0001.0000	ATB	TON	57,000
306.0002.5834	ASPHALT BINDER, GRADE PG 58-34	TON	3,050
306.2002.0000	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
401.0001.002A	HMA, TYPE II; CLASS A	TON	6,400
401.0004.5834	ASPHALT BINDER, GRADE PG 58-34	TON	340
401.0005.002B	HMA, TEMPORARY, TYPE II; CLASS B	TON	1,850
401.0008.002A	HMA PRICE ADJUSTMENT, TYPE II; CLASS A	CONTINGENT SUM	ALL REQUIRED
401.0014.0000	JOINT ADHESIVE	LINEAR FOOT	14,800
402.0001.STE1	STE-1 ASPHALT FOR TACK COAT	TON	161
406.0008.0000	RUMBLE STRIPS - SHOULDERS	MILE	7
408.2001.00VH	HMA, TYPE VH	TON	20,100
408.2004.5834	ASPHALT BINDER, GRADE PG 58-34	TON	1,100
408.2008.00VH	HMA PRICE ADJUSTMENT, TYPE VH	CONTINGENT SUM	ALL REQUIRED
408.2014.0000	JOINT ADHESIVE	LINEAR FOOT	70,000
501.0001.0000	CLASS A CONCRETE	LUMP SUM	ALL REQUIRED
501.0007.0000	PRECAST CONCRETE MEMBER, 144'-0" DECKED BULB-TEE	EACH	25
503.0001.0000	REINFORCING STEEL	LUMP SUM	ALL REQUIRED
503.0002.0000	EPOXY-COATED REINFORCING STEEL	LUMP SUM	ALL REQUIRED
507.0002.0000	PEDESTRIAN RAILING	LINEAR FOOT	700
507.0004.0000	CONCRETE BRIDGE BARRIER	LINEAR FOOT	4,050
507.0006.0000	CABLE SAFETY RAILING	LINEAR FOOT	840
508.0001.0000	WATERPROOFING MEMBRANE, SPRAY-APPLIED	LUMP SUM	ALL REQUIRED
511.0001.0000	MECHANICALLY STABILIZED EARTH WALL	SQUARE FOOT	74,000

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
511.2000.0000	MOMENT SLAB COPING	LINEAR FOOT	3,600
511.2001.0000	WALL CAP COPING	LINEAR FOOT	436
517.2000.0000	SOIL NAIL WALL	SQUARE FOOT	4,350
517.2001.0000	SOIL NAIL WALL COPING	LINEAR FOOT	399
603.2032.0012	CORRUGATED HDPE PIPE 12 INCH	LINEAR FOOT	179
603.2032.0018	CORRUGATED HDPE PIPE 18 INCH	LINEAR FOOT	1,600
603.2032.0024	CORRUGATED HDPE PIPE 24 INCH	LINEAR FOOT	9,100
603.2032.0030	CORRUGATED HDPE PIPE 30 INCH	LINEAR FOOT	1,200
603.2032.0036	CORRUGATED HDPE PIPE 36 INCH	LINEAR FOOT	1,950
603.2033.0012	END SECTION FOR CORRUGATED HDPE PIPE 12 INCH	EACH	6
603.2033.0018	END SECTION FOR CORRUGATED HDPE PIPE 18 INCH	EACH	7
603.2033.0024	END SECTION FOR CORRUGATED HDPE PIPE 24 INCH	EACH	47
603.2033.0030	END SECTION FOR CORRUGATED HDPE PIPE 30 INCH	EACH	1
603.2033.0036	END SECTION FOR CORRUGATED HDPE PIPE 36 INCH	EACH	11
604.0001.0001	STORM SEWER MANHOLE, TYPE I	EACH	46
604.0001.0002	STORM SEWER MANHOLE, TYPE II	EACH	72
604.0003.0000	RECONSTRUCT EXISTING MANHOLE	EACH	9
604.0004.0000	ADJUST EXISTING MANHOLE	EACH	14
604.0005.000A	INLET, TYPE A	EACH	17
604.0009.0000	RECONSTRUCT MANHOLE TOP SECTION	EACH	1
604.0012.0000	REPLACE INLET FRAME AND GRATE	EACH	20
604.0014.0000	REMOVE AND REPLACE SEWER MANHOLE FRAME AND LID	EACH	20
604.0015.0000	REMOVE AND REPLACE STORM DRAIN MANHOLE FRAME AND LID	EACH	20
604.2012.0000	OUTLET STRUCTURE	EACH	4
606.0001.0000	W-BEAM GUARDRAIL	LINEAR FOOT	7,250
606.0006.0000	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	11,300
606.0013.0000	PARALLEL GUARDRAIL TERMINAL	EACH	15
606.0016.0000	TRANSITION RAIL	EACH	9
606.2002.0000	STEEL BOLLARD, REMOVABLE	EACH	3
606.2003.0000	WOOD BOLLARD, FIXED	EACH	6
606.2007.000C	CRASH CUSHION, PERMANENT LOW MAINTENANCE AND SELF-RESTORING	EACH	4
607.0003.0000	CHAIN LINK FENCE	LINEAR FOOT	9,750
607.0004.0000	RECONSTRUCTED FENCE	LINEAR FOOT	500
607.0005.0000	DRIVE GATE	EACH	4
607.2007.0000	NOISE BARRIER AND FOUNDATION	SQUARE FOOT	131,000
608.0001.0004	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	6,200
608.0001.0006	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	850
608.0006.0000	CURB RAMP	EACH	46
608.2002.0000	ASPHALT PATHWAY	TON	1,850
608.2004.0000	ASPHALT MEDIANS	TON	7
608.2013.E004	CONCRETE (SLABS), TYPE V, 4 INCHES THICK, COLORED AND PATTERN IMPRINTED	SQUARE YARD	2,700
608.2013.E006	CONCRETE (SLABS), TYPE V, 6 INCHES THICK, COLORED AND PATTERN IMPRINTED	SQUARE YARD	6,950
608.2017.0000	DETECTABLE WARNING TILES	EACH	40
609.0002.0001	CURB AND GUTTER, TYPE 1	LINEAR FOOT	28,900
611.0001.0001	RIPRAP, CLASS I	CUBIC YARD	930



STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**SEWARD HIGHWAY:
 O'MALLEY RD TO DIMOND BLVD
 RECONSTRUCTION**
 ESTIMATE OF QUANTITIES

FILE [C:\PW_WORKDIR\DEN001\JM039121\00875435\00012\002_EST.DWG] DATE/TIME 5/15/2020 1:39 PM LAYOUT C2 DESIGNED C2 CHECKED DRAFTED

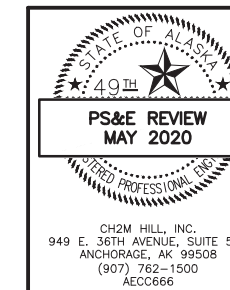
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0537008/CFHWY00012	2020	C2	C3

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
614.0001.0000	CONCRETE BARRIER	LINEAR FOOT	3,100
614.2000.0000	RELOCATE CONCRETE BARRIER	LINEAR FOOT	1,100
615.0001.0000	STANDARD SIGN	SQUARE FOOT	4,300
615.0004.0000	DELINEATOR, RIGID	EACH	200
615.0005.0000	DELINEATOR, FLEXIBLE	EACH	95
615.0006.0000	SALVAGE SIGN	EACH	280
615.2017.0000	STANDARD OVERHEAD SIGN SUPPORT	EACH	3
615.2019.0000	OVERHEAD SIGN SUPPORT - BRIDGE	EACH	2
618.0001.0000	SEEDING	ACRE	35
618.0003.0000	WATER FOR SEEDING	M. GAL.	1,600
620.0001.0000	TOPSOIL	SQUARE YARD	169,000
621.0001.000A	TREE, PICEA GLAUCA 'DENSATA' 6" HT	EACH	6
621.0001.000B	TREE, POPULUS TREMULA 'ERECTA' 2" CAL	EACH	4
621.0002.000A	SHRUB, ROSA RUGOSA 'THERESE BUGNET' 18" HT	EACH	140
621.0002.000B	SHRUB, PINUS MUGO 'PUMILIO' 18" HT	EACH	40
621.0002.000C	SHRUB, JUNIPERUS HORIZONTALIS 'BAR HARBOR' #1 CONT	EACH	830
621.0002.000D	SHRUB, ARCTOSTAPHYLOS 'UVA-URSI' #1 CONT	EACH	853
621.2004.000A	PERENNIAL, HEMEROCALLIS 'KING ALFRED' #1 CONT	EACH	90
621.2006.0000	WATER FOR MAINTENANCE	M. GAL.	136
622.2022.001A	MULCH, ROCK TYPE A, 2"-6" ROUND RIVER GRAVEL	TON	190
622.2022.001B	MULCH, ROCK TYPE B, 2" ROUND RIVER GRAVEL	TON	84
622.2025.0000	LANDSCAPE BOULDER - SMALL	EACH	6
622.2025.0000	LANDSCAPE BOULDER - MEDIUM	EACH	10
622.2025.0000	LANDSCAPE BOULDER - LARGE	EACH	14
626.2000.0000	ADJUST SANITARY SEWER CLEANOUT	EACH	1
627.0003.0000	INSTALL VALVE BOX	EACH	1
627.0004.0000	FIRE HYDRANT ADJUSTMENT	EACH	1
627.0005.0000	FIRE HYDRANT INSTALLATION	EACH	1
627.0007.0000	FIRE HYDRANT REMOVAL	EACH	1
627.0009.0012	GATE VALVE, 12 INCH	EACH	1
627.0010.0000	ADJUSTMENT OF VALVE BOX	EACH	8
627.2014.0000	ABANDON WATER PIPE	LINEAR FOOT	170
627.2029.0000	FLUSHING HYDRANT	EACH	1
630.0001.0003	GEOTEXTILE, SEPARATION, CLASS 3	SQUARE YARD	273,000
634.0001.0000	GEOGRID, STABILIZATION, CLASS 1	SQUARE YARD	8,700
635.0001.0000	INSULATION BOARD	MBM	259
639.2000.0000	APPROACH	EACH	15
640.0001.0000	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
641.0001.0000	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641.0005.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQUIRED
641.0006.0000	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
641.0007.0000	SWPPP MANAGER	LUMP SUM	ALL REQUIRED
642.0001.0000	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642.0003.0000	THREE PERSON SURVEY PARTY	HOURLY	400
642.2006.0000	CONTRACTOR FURNISHED ENGINEERING TOOLS	CONTINGENT SUM	ALL REQUIRED
643.0002.0000	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643.0003.0000	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643.0023.0000	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643.0025.0000	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
643.0032.0000	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643.2022.0000	PEDESTRIAN BARRIER	EACH	500
644.0001.0000	FIELD OFFICE	LUMP SUM	ALL REQUIRED
644.2003.0000	IMAGE DOCUMENTATION	LUMP SUM	ALL REQUIRED
644.2004.0000	ENGINEERING COMMUNICATIONS	CONTINGENT SUM	ALL REQUIRED
644.2007.0000	VEHICLE (LT/SUV)	EACH	5
645.0001.0000	TRAINING PROGRAM, 8 TRAINEES/APPRENTICES	LABOR HOUR	8,000
646.0001.0000	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
646.2000.0000	SCHEDULE PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
647.2000.0000	WIDE PAD DOZER, 65 HP MIN	CONTINGENT SUM	ALL REQUIRED
647.2002.0000	BACKHOE, 4WD, 1 CY BUCKET, 75 HP MIN, 15 FT DEPTH	CONTINGENT SUM	ALL REQUIRED
660.0001.000A	TRAFFIC SIGNAL SYSTEM COMPLETE, O'MALLEY EAST	LUMP SUM	ALL REQUIRED
660.0001.000B	TRAFFIC SIGNAL SYSTEM COMPLETE, O'MALLEY WEST	LUMP SUM	ALL REQUIRED
660.0003.0000	HIGHWAY LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQUIRED
660.0007.0000	TEMPORARY SIGNAL SYSTEM COMPLETE, O'MALLEY EAST	LUMP SUM	ALL REQUIRED
660.0007.0000	TEMPORARY SIGNAL SYSTEM COMPLETE, O'MALLEY WEST	LUMP SUM	ALL REQUIRED
660.0007.0000	TEMPORARY SIGNAL SYSTEM COMPLETE, DIMOND WEST	LUMP SUM	ALL REQUIRED
660.0013.0000	RELOCATE ELECTROLIER	EACH	1
660.2000.0000	TEMPORARY ELECTROLIER	CONTINGENT SUM	ALL REQUIRED
660.2003.0000	TRAFFIC SIGNAL SYSTEM MODIFICATIONS, DIMOND BLVD	LUMP SUM	ALL REQUIRED
661.0002.0000	LOAD CENTER, TYPE 1A	EACH	9
661.0005.0000	MODIFY LOAD CENTER	EACH	3
662.2001.0000	SIGNAL INTERCONNECT, O'MALLEY	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H2	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H3	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H7	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H8	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H9	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H10	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H11	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H13	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H14	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H30	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H31	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H32	LUMP SUM	ALL REQUIRED
669.2000.0000	TRAFFIC DATA - SITE H33	LUMP SUM	ALL REQUIRED



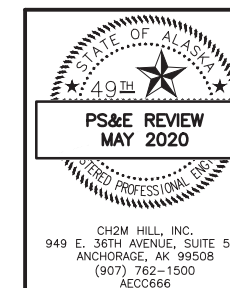
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**SEWARD HIGHWAY:
 O'MALLEY RD TO DIMOND BLVD
 RECONSTRUCTION**
 ESTIMATE OF QUANTITIES

FILE [C:\PW_WORKDIR\DEN001\JM03912\0875435\00012_C03_EST.DWG] DATE/TIME 5/15/2020 1:37 PM LAYOUT C3 DESIGNED CHECKED DRAFTED

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0537008/CFHWY00012	2020	C3	C3

ESTIMATE OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	PAY UNIT	TOTAL QUANTITY
669.2000.0000	TRAFFIC DATA - SITE H34	LUMP SUM	ALL REQUIRED
670.2004.0000	MMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) SURFACE APPLIED	EACH	20
670.2006.0000	MMA PAVEMENT MARKINGS, LONGITUDINAL INLAID	LINEAR FOOT	148,000
670.2007.0000	MMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) INLAID	EACH	165
670.2008.0000	MMA PAVEMENT MARKINGS, TRANSVERSE AND GORE INLAID	LINEAR FOOT	24,300
682.2000.0000	VAC-TRUCK POTHOLE	CONTINGENT SUM	ALL REQUIRED

TABLE OF ESTIMATING FACTORS		
ITEM NO.	ITEM DESCRIPTION	UNIT
203.0006.000A	BORROW, TYPE A	144 LB./FT. ³
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	144 LB./FT. ³
306.0001.0000	ATB	151 LB./FT. ³
306.0002.5834	ASPHALT BINDER, GRADE PG 58-34	5.3% OF TOTAL WEIGHT OF 306.0001.0000
401.0001.002A	HMA, TYPE II; CLASS A	151 LB./FT. ³
401.0004.5834	ASPHALT BINDER, GRADE PG 58-34	5.3% OF TOTAL WEIGHT OF 401.0001.002A
401.0005.002B	HMA, TEMPORARY, TYPE II; CLASS B	151 LB./FT. ³
402.0001.STE1	STE-1 ASPHALT FOR TACK COAT	0.000334 TON/SY
408.2001.00VH	HMA, TYPE VH	151 LB./FT. ³
408.2004.5834	ASPHALT BINDER, GRADE PG 58-34	5.3% OF TOTAL WEIGHT OF 408.2001.00VH
608.2002.0000	ASPHALT PATHWAY	151 LB./FT. ³
608.2004.0000	ASPHALT MEDIANS	151 LB./FT. ³
618.0003.0000	WATER FOR SEEDING	1.0 GAL/S.F.
622.2022.001A	MULCH, ROCK TYPE A, 2"-6" ROUND RIVER GRAVEL	115 LB./FT. ³
622.2022.001B	MULCH, ROCK TYPE B, 2" ROUND RIVER GRAVEL	104 LB./FT. ³



STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**SEWARD HIGHWAY:
 O'MALLEY RD TO DIMOND BLVD
 RECONSTRUCTION**

**ESTIMATE OF QUANTITIES AND
 TABLE OF ESTIMATING FACTORS**