THE STATE
of ALASKA
GOVERNOR SEAN PARNELL

Department of Transportation and Public Facilities

CENTRAL REGION – DIVISION OF DESIGN & CONSTRUCTION
CONTRACTS SECTION

4111 AVIATION AVENUE
P.O. BOX 196900
ANCHORAGE, AK 99519-6900
Main: 907.269.0400
Fax: 907.269.0425
TTY: 907.269.0473

Date: April 28, 2014

Project: Sterling Highway MP 173 to 174
Pavement Preservation; and
Sterling Highway MP 174 to 179
Pavement Preservation

Project No.: 0211(061)/56176 and 0211(059)/55260

Addendum No. TWO

TO ALL PLANHOLDERS:

The enclosed addendum amends the bidding documents for the above referenced Project.

Acknowledgment of this addendum is required on the Bid Proposal. Failure to do so may subject the bidder to disqualification.

Sincerely,

Sharon L. Smith, P.E.
Chief of Contracts

ADDENDUM TO THE CONTRACT DOCUMENTS	Page Number 1	No. of Pages 1
Addendum No. Two	**Date Addendum Issued:** April 28, 2014	
Issuing Office Joel G. St. Aubin, P.E., Director, Design & Construction Central Region PO Box 196900, Anchorage, AK 99519-6900 Phone: (907) 269-0400 Fax: (907) 269-0425	**Previous Addenda Issued** One, dated April 21, 2014	
Project: Sterling Highway MP 173 to 174 Pavement Preservation; and Sterling Highway MP 174 to 179 Pavement Preservation **Project No.:** 0211(061)/56176 and 0211(059)/55260	**Date and Hour of Bid Opening:** May 7, 2014 at 2:00 p.m., prevailing Anchorage time.	

NOTICE TO BIDDERS:

Bidders must acknowledge receipt of this addendum prior to the hour and date set for bid opening by one of the following methods:

(a) By acknowledging receipt of this addendum on the bid submitted.
(b) By telegram or telefacsimile which includes a reference to the project and addendum number.

The bid documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid. If, by virtue of this addendum it is desired to modify a bid already submitted, such modification may be made by telegram or telefacsimile provided such a telegram or telefacsimile makes reference to this addendum and is received prior to the opening hour and date specified above.

****

The Contract Documents for the above project are amended as follows (All other terms and conditions remain unchanged):

PLANS

1. For Project No. 56176 remove and replace Sheets **C1** with **Attachment No. 1.**

2. For Project No. 55260 remove and replace Sheets **A3**, **B1**, **C1**, and **F2** with **Attachment No.** 2.

PART 3 – FORMS

3. **BID SCHEDULE.** Remove and replace with **Attachment No. 3**.

PART 4 - CONTRACT PROVISIONS AND SPECIFICATIONS

4. **SECTION 105 CONTROL OF WORK.** Remove and replace pages 5 through 10B with **Attachment No. 4**.

5. **SECTION 401 HOT MIX ASPHALT AND SURFACE TREATMENTS.** Remove and replace pages 59 and 60 with **Attachment No. 5**.

END OF ADDENDUM

REVISIONS		
NO.	DATE	DESCRIPTION
1	4/28/14	REVISED O!L

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0211(061)/56176	2014	C1	C1

ADDENDUM NO. 2
ATTACHMENT NO. 1

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
201(1B)	CLEARING	LUMP SUM	ALL REQUIRED
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	4,237
202(3)	REMOVAL OF SIDEWALK	SQUARE YARD	256
202(4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	575
202(8)	REMOVAL OF INLET	EACH	8
202(9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	1,552
202(15)	PAVEMENT PLANING	SQUARE YARD	31,717
202(40)	REMOVE FUGITIVE MATERIALS	LINEAR FOOT	14,186
203(3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	2,710
203(6A)	BORROW, TYPE A	TON	4,159
203(27)	DITCH LINEAR GRADING	STATION	56
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	1,034
401(1A)	HOT MIX ASPHALT, TYPE II; CLASS A	TON	4,273
401(2)	ASPHALT CEMENT, GRADE PG 52-28	TON	235
401(6)	ASPHALT PRICE ADJUSTMENT - QUALITY	CONTINGENT SUM	ALL REQUIRED
401(10)	ASPHALT MATERIAL PRICE ADJUSTEMENT - UNIT PRICE	CONTINGENT SUM	ALL REQUIRED
603(1-18)	18 INCH CSP	LINEAR FOOT	578
603(22)	CULVERT CLEANING	LINEAR FOOT	2,885
604(4)	ADJUST EXISTING MANHOLE	EACH	23
604(5)	INLET, TYPE A	EACH	8
606(1)	W-BEAM GUARDRAIL	LINEAR FOOT	3,035
606(6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	3,348
606(13)	PARALLEL GUARDRAIL TERMINAL	EACH	4
608(1A)	CONCRETE SIDEWALK, 4-INCHES THICK	SQUARE YARD	110
608(6)	CURB RAMP	EACH	13
608(8)	ASPHALT PATHWAY AND MEDIANS	TON	84
609(2)	CURB AND GUTTER, TYPE I	LINEAR FOOT	1,552
610(2)	DITCH LINING	TON	2,463
615(1)	STANDARD SIGN	SQUARE FOOT	33
618(2)	SEEDING	POUND	40
618(3)	WATER FOR SEEDING	M GAL	29
620(1)	TOPSOIL	SQUARE YARD	3,226
627(10)	ADJUSTMENT OF VALVE BOX	EACH	2
639(6)	APPROACH	EACH	16
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640(4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
641(1)	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641(2)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED
641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
641(7)	SWPPP MANAGER	LUMP SUM	ALL REQUIRED

(1)

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642(3)	THREE PERSON SURVEY PARTY	HOUR	60
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643(15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
645(1)	TRAINING PROGRAM, 1 TRAINEE/APPRENTICE	LABOR HOUR	*
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
646(2)	SCHEDULE PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
647(5)	BACKHOE, 4WD, 1 CY BUCKET, 75 HP MIN, 15 FT DEPTH	CONTINGENT SUM	ALL REQUIRED
669(4-H1)	AUTOMATED TRAFFIC RECORDERS - SITE H1	LUMP SUM	ALL REQ'D
669(4-H2)	AUTOMATED TRAFFIC RECORDERS - SITE H2	LUMP SUM	ALL REQ'D
670(10A)	MMA PAVEMENT MARKINGS, LONGITUDINAL SURFACE APPLIED	LINEAR FOOT	35,210
670(10B)	MMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) SURFACE APPLIED	EACH	38
670(10C)	MMA PAVEMENT MARKINGS, TRANSVERSE AND GORE SURFACE APPLIED	LINEAR FOOT	2,452
670(10F)	MMA PAVEMENT MARKINGS, TRANSVERSE AND GORE INLAID	LINEAR FOOT	3,960
682(1)	VAC-TRUCK POTHOLE	CONTINGENT SUM	ALL REQUIRED

* ITEM 645(1) TRAINING QUANTITY IS FOR THE TOTAL CONTRACT COMPRISED OF BOTH STERLING HIGHWAY MP 173 TO 174 PAVEMENT PRESERVATION AND STERLING HIGHWAY MP 174 TO 179 PAVEMENT PRESERVATION PROJECTS. LABOR HOURS MAY BE ACCRUED THROUGH EITHER PROJECT.

TABLE OF ESTIMATING FACTORS

ITEM NO.	ITEM DESCRIPTION	TOTAL QUANTITY
203(6A)	BORROW, TYPE A	145 LB/FT^3
301(1)	AGGREGATE BASE COURSE, GRADING D-1	148 LB/FT^3
401(1A)	HOT MIX ASPHALT, TYPE II; CLASS A	150 LB/FT^3
401(2)	ASPHALT CEMENT, GRADE PG 52-28	5.5% WEIGHT OF 401(1A)
402(1)	STE-1 ASPHALT FOR TACK COAT	0.000316 TON/YD^2
608(8)	ASPHALT PATHWAY AND MEDIANS	150 LB/FT^3
610(2)	DITCH LINING	108 LB/FT^3
611(1)	RIP RAP, CLASS I	108 LB/FT^3
618(2)	SEEDING	60 LB/ACRE
618(3)	WATER FOR SEEDING	1 GAL/FT^2

(1)

STATE OF ALASKA
49TH
Kelly L. Kilpatrick
CE 11237
REGISTERED PROFESSIONAL ENGINEER
4/28/14

PLANS DEVELOPED BY:
DOWL HKM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

STERLING HWY MP 173 TO 174
PAVEMENT PRESERVATION

ESTIMATE OF QUANTITIES

DESIGNED BY KLK
CHECKED BY SKN
DRAFTED BY MAC

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SCALE

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SCALE

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DATE TIME 4/24/2014 2:38 PM

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UTILITIES

	EXISTING	PROPOSED
PIPELINES:		
STORM DRAIN STRUCTURE AND PIPE NUMBERS, APPLICABLE IF SHOWN	S1-1, S1-2, P1-1, P1-2	
STORM DRAIN	SD	
MANHOLE STORM DRAIN	SD	SD
CURB INLET CATCH BASIN		
FIELD INLET CATCH BASIN	FI	FI
PIPE CULVERT w/ END SECTION		
CLEANOUT	CO	CO
SANITARY SEWER	SS	SS
MANHOLE SANITARY SEWER	SS	SS
SEPTIC VENTS	S	
WATER	W	W
FIRE HYDRANT		
WELL	W	
VALVE OR RISER		
NATURAL GAS	G	
OIL OR GASOLINE PIPELINE	O	
ELECTRIC (OVERHEAD)	OE	
ELECTRIC (DIRECT BURY)	UE	
ELECTRIC (OVERHEAD)	OE&OT	
UTILITY POLE		
UTILITY POLE WITH LUMINAIRE		
GUY POLE	GP	
GUY WIRE ANCHOR		
TRANSMISSION TOWER (WOOD)		
TRANSMISSION TOWER (STEEL)		
ELECTRICAL PEDESTAL	E	
ELECTRICAL TRANSFORMER	E	
ELECTRIC METER		
ELECTRICAL OUTLET		
ELECTRIC MANHOLE	E	
TELEPHONE (OVERHEAD)	OT	
TELEPHONE (DIRECT BURY)	UT	
TELEPHONE (DIRECT BURY)	UT&TV	
TELEPHONE PEDESTAL	T	
TELEPHONE MANHOLE	T	
FIBER OPTIC	FO	
FIBER OPTIC MANHOLE	FO	
CABLE TV (OVERHEAD)	OTV	
CABLE TV (DIRECT BURY)	UTV	
CABLE T.V. PEDESTAL	TV	
SATELLITE DISH		
U.G. DUCT (E, T, FO)		

UTILITIES

	EXISTING	PROPOSED
ELECTROLIER		
HIGHTOWER		
SIGNAL POLE WITH MAST		
PEDESTRIAN PUSH BUTTON		
RURAL BEACON		
SCHOOL ZONE BEACON		

RIGHT OF WAY

	EXISTING	PROPOSED
PRIMARY CENTERLINE MONUMENT		
SECONDARY CENTERLINE MONUMENT		
PROJECT RIGHT-OF-WAY LINES		ROW
CONTROLLED ACCESS LINE		C/A
TEMPORARY CONSTRUCTION EASEMENT/PERMIT		
PROJECT CENTERLINE	27+00	
RAILROAD CENTERLINE		

EXISTING TOPOGRAPHY

CONIFER TREE OR TREES	
DECIDUOUS TREE OR TREES	
SHRUB OR SHRUBS	
WETLANDS	
CREEK	
RIVER	
LAKE / POND	LAKE, POND

EXISTING/PROPOSED

DRAINAGE FLOW	
CONTOURS - MAJOR	515
CONTOURS - MINOR	

MISCELLANEOUS

	EXISTING	PROPOSED
BUILDING		
TANKS ABOVE GROUND		
TANKS UNDERGROUND	U	
PRIVATE SIGN		
POST/BOLLARDS		
MAILBOX	MB	MB
TRAFFIC SIGN		
TRAFFIC SIGN POST #		#
VENT		

ROADWAY

	EXISTING	PROPOSED
ROADWAY OBLITERATION		
LIMIT OF CUT SLOPE		
LIMIT OF FILL SLOPE		
EDGE OF PAVEMENT		
CONCRETE CURB		
CONCRETE CURB & GUTTER		
CONCRETE CURB CUT		
SIDEWALK		
CURB RAMPS		
PARALLEL CURB RAMP		
PERPENDICULAR CURB RAMP		
MID-BLOCK CURB RAMP		
UNIDIRECTIONAL CURB RAMP		
DETECTABLE WARNING TILES		
DRIVEWAY APPROACH		
GRAVEL EDGE		
PATH / TRAIL		
BRIDGE		
TUNNEL		
NOISE BARRIER	X	X
FENCE	X	X
RETAINING WALL		
HEAD & WINGWALLS		
GUARDRAIL		
END SECTION		
PARALLEL GUARDRAIL SECTION		
SPECIAL DITCH		
BOTTOM OF DITCH		
RIPRAP	1	
BOULDER OR BOULDERS		

REVISIONS		
NO.	DATE	DESCRIPTION
1	4/24/14	CHANGE LEGEND SYMBOLS

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0211(059)/55260	2014	A3	A9

ADDENDUM NO. 2
ATTACHMENT NO. 2

	EXISTING	PROPOSED
TIDAL EROSION REPAIR 1		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

STERLING HIGHWAY: MP 174-179 PAVEMENT PRESERVATION

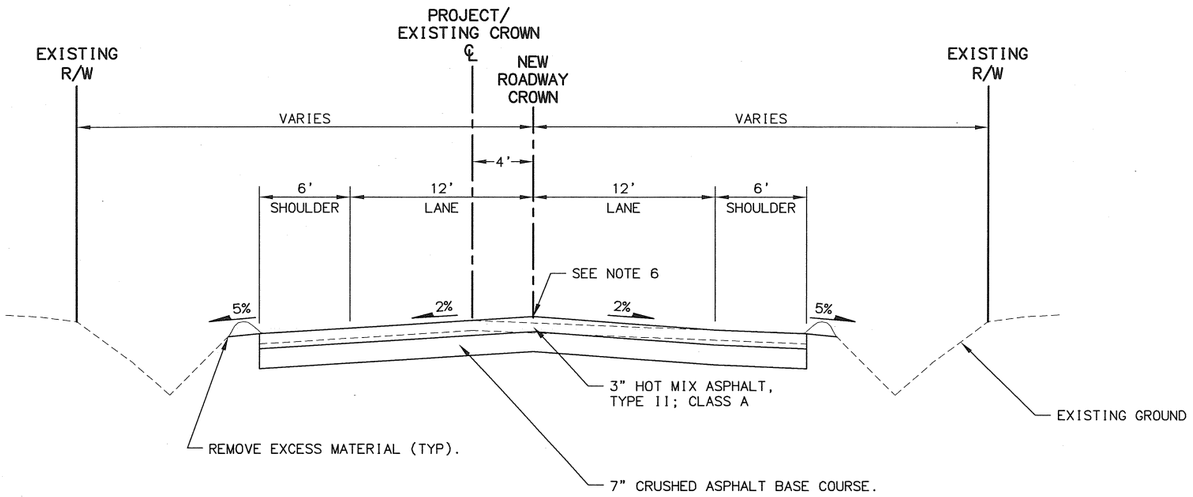
LEGEND

STATE OF ALASKA — WILLIAM A. WEBB — 4/24/2014 — CE 12023 — REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY: USKH INC

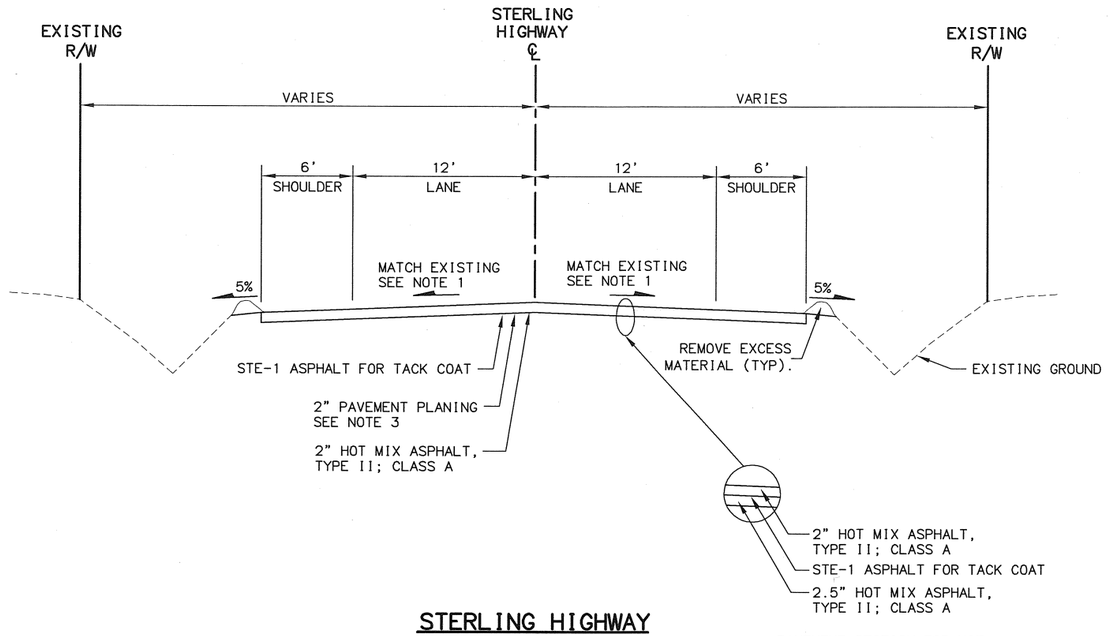
REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION					
1	4/24/14	ADJUST SECTION LIMITS	ALASKA	0211(059)/55260	2014	B1	B2

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STERLING HIGHWAY

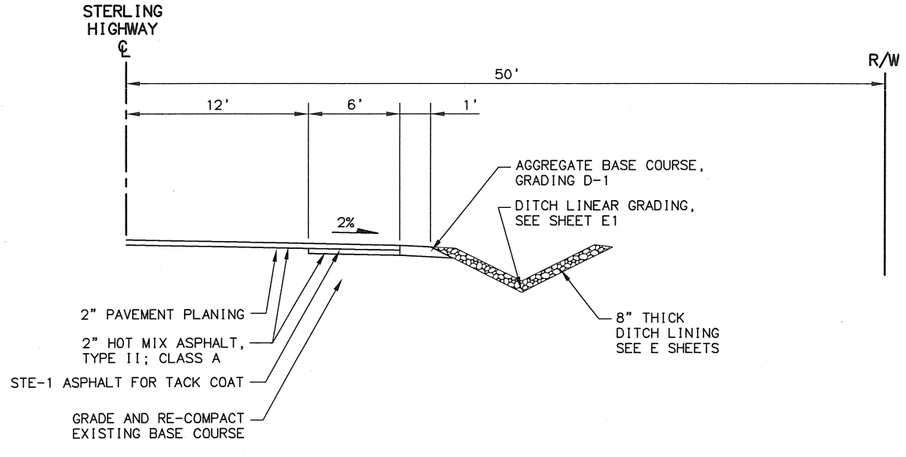
STA. 6272+00 TO STA. 6297+00



STERLING HIGHWAY

STA. 6297+00 TO STA. 6307+78
STA. 2+00 TO STA. 226+67

PAVEMENT SECTION FOR USE AT ATR LOCATION



SHOULDER REPAIR

STA. 6303+00 TO STA. 6305+00 (1)

NOTES:

1. FINISHED ROADWAY CROSS SLOPES SHALL MATCH EXISTING AND BE CONSISTENT ACROSS THE ROADWAY'S HALF WIDTH IN SUPERELEVATED SECTIONS, CROWNED AT 2% IN TANGENT SECTIONS, OR AS DIRECTED BY THE ENGINEER.
2. FOLLOWING PULVERIZING AND MIXING THE EXISTING ASPHALT PAVEMENT AND BASE, REMOVE APPROXIMATELY 3 INCHES OF BLENDED MATERIAL, GRADE AND COMPACT REMAINING CRUSHED ASPHALT BASE COARSE MATERIAL NECESSARY TO OBTAIN THE MINIMUM THICKNESS AS SHOWN ON THE TYPICAL SECTION OR AS DIRECTED BY THE ENGINEER PRIOR TO PLACING HOT MIX ASPHALT.
3. IF PLANING OPERATIONS BREAK THROUGH ASPHALT, REPAIR SECTION BY SAWCUTTING A RECTANGULAR PATCH AROUND THE BREAK THROUGH AREA. EXCAVATE 1 INCH OF BASE COURSE AND CONSTRUCT A 1 INCH LIFT OF HOT MIX ASPHALT, TYPE II, CLASS A LEVEL WITH THE PLANED ROAD SURFACE.
4. CONSTRUCT HOT MIX ASPHALT ACROSS THE FULL WIDTH OF LANE AND SHOULDER.
5. SHAPE AGGREGATE BASE COURSE, GRADING D-1 AT THE EDGE OF PAVEMENT TO ENSURE THERE IS NO DROP AT THE PAVEMENT'S EDGE WITHIN 48 HOURS AFTER PLACING PAVEMENT.
6. CONDUCT PRECONSTRUCTION SURVEY TO IDENTIFY EXISTING ROAD ELEVATION. IF EXISTING EDGES OF PAVEMENT ARE AT SAME ELEVATION, DETERMINE NEW CENTERLINE ELEVATION FROM EDGE OF PAVEMENT ELEVATIONS. OTHERWISE, MATCH NEW CENTERLINE ELEVATION TO EXISTING AND ADJUST CROSS SLOPES AS NECESSARY TO MATCH EXISTING EDGE OF PAVEMENT ELEVATIONS AT DRIVEWAYS AND APPROACHES.
7. REMOVE EXISTING MATERIAL FROM ROAD SHOULDERS TO FACILITATE DRAINAGE FROM ROAD SURFACE. PAID FOR AS "RECONDITIONING", "DITCH LINEAR GRADING" OR "REMOVE FUGITIVE MATERIALS". SEE D SHEETS FOR LIMITS.
8. AS-BUILTS INDICATE EXISTING PAVEMENT DEPTHS AS FOLLOWS:

   6272+00 TO 6298+30 - 3" AC OVER 10" AGGREGATE BASE COURSE
   6298+30 TO 226+68 - 4.5" AC OVER VARYING DEPTH AGGREGATE BASE COURSE

GENERAL TYPICAL SECTION NOTES:

1. APPLY STE-1 ASPHALT FOR TACK COAT TO VERTICAL SURFACES AND EXISTING ASPHALT PRIOR TO PAVING OR OVERLAYING.
2. CRUSHED ASPHALT BASE COURSE (CABC) MATERIAL MEETING 301(1) SPECIFICATION IS CONSIDERED ACCEPTABLE FOR SHOULDERING, AS APPROVED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR CABC AS 301(1).

STATE OF ALASKA
WILLIAM A. WEBB
4/24/2014
CE 12023
REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY: USKH INC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STERLING HIGHWAY: MP 174-179 PAVEMENT PRESERVATION

TYPICAL SECTION

REVISIONS		
NO.	DATE	DESCRIPTION
1	4/24/14	CHANGE ASPHALT CEMENT GRADE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0211(059)/55260	2014	C1	C1

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
201(1B)	CLEARING	LUMP SUM	ALL REQ'D
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	10,100
202(15)	PAVEMENT PLANING	SQUARE YARD	93,830
202(40)	REMOVE FUGITIVE MATERIALS	LINEAR FOOT	11,463
203(3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	300
203(6A)	BORROW, TYPE A	TON	120
203(27)	DITCH LINEAR GRADING	STATION	29
301(1)	AGGREGATE BASE COURSE, GRADING D-1	TON	90
308(1)	CRUSHED ASPHALT BASE COURSE	SQUARE YARD	11,000
401(1A)	HOT MIX ASPHALT, TYPE II, CLASS A	TON	12,059
401(2)	ASPHALT CEMENT, GRADE PG 52-28	TON	664
401(6)	ASPHALT PRICE ADJUSTMENT - QUALITY	CONTINGENT SUM	ALL REQ'D
401(10)	ASPHALT MATERIAL PRICE ADJUSTMENT - UNIT PRICE	CONTINGENT SUM	ALL REQ'D
603(1-18)	18 INCH CSP	LINEAR FOOT	10
603(1-24)	24 INCH CSP	LINEAR FOOT	10
603(3-18)	END SECTION FOR 18 INCH CSP	EACH	1
603(3-24)	END SECTION FOR 24 INCH CSP	EACH	1
603(22)	CULVERT CLEANING	LINEAR FOOT	726
606(6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	500
606(13)	PARALLEL GUARDRAIL TERMINAL	EACH	10
608(10)	DETECTABLE WARNING TILES	SQUARE FOOT	80
610(2)	DITCH LINING	TON	660
611(1A)	RIP RAP, CLASS 1A	CUBIC YARD	3,155
611(1B)	RIP RAP, CLASS IV	CUBIC YARD	2,445
611(3)	SALVAGE AND REPLACE EXISTING ARMOR STONE	STATION	5
615(1)	STANDARD SIGN	SQUARE FOOT	900
618(2)	SEEDING	POUND	30
618(3)	WATER FOR SEEDING	MGAL	21
620(1)	TOPSOIL	SQUARE YARD	2,400
630(1)	GEOTEXTILE SEPARATION	SQUARE YARD	4,690
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D
640(4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQ'D
641(1)	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D
641(2)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQ'D
641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQ'D
641(7)	SWPPP MANAGER	LUMP SUM	ALL REQ'D

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D
642(3)	THREE PERSON SURVEY PARTY	HOUR	50
642(16)	PASSING SIGHT DISTANCE MEASUREMENT	STATION	448
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQ'D
643(15)	FLAGGING	CONTINGENT SUM	ALL REQ'D
643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D
644(1)	FIELD OFFICE	LUMP SUM	ALL REQ'D
644(10)	ENGINEERING COMMUNICATIONS	CONTINGENT SUM	ALL REQ'D
645(1)	TRAINING PROGRAM, 1 TRAINEES/APPRENTICES	LABOR HOUR	0
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQ'D
646(2)	SCHEDULE PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
647(5)	BACKHOE, 4WD, 1 CY BUCKET, 75 HP, 15 FT DEPTH	CONTINGENT SUM	ALL REQ'D
651(1)	EAGLE MONITORING	CONTINGENT SUM	ALL REQ'D
669(4-H3)	AUTOMATED TRAFFIC RECORDERS - SITE H3	LUMP SUM	ALL REQ'D
669(4-H4)	AUTOMATED TRAFFIC RECORDERS - SITE H4	LUMP SUM	ALL REQ'D
670(10A)	MMA PAVEMENT MARKINGS, LONGITUDINAL SURFACE APPLIED	LINEAR FOOT	75,200
670(10B)	MMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) SURFACE APPLIED	EACH	12
670(10C)	MMA PAVEMENT MARKINGS, TRANSVERSE AND GORE SURFACE APPLIED	LINEAR FOOT	1,630
670(10F)	MMA PAVEMENT MARKINGS, TRANSVERSE AND GORE INLAID	LINEAR FOOT	840

* ITEM 645(1) TRAINING QUANTITY IS FOR THE TOTAL CONTRACT COMPRISED OF BOTH STERLING HIGHWAY MP 173 TO 174 PAVEMENT PRESERVATION AND STERLING HIGHWAY MP 174 TO 179 PAVEMENT PRESERVATION PROJECTS. LABOR HOURS MAY BE ACCRUED THROUGH EITHER PROJECT.

TABLE OF ESTIMATING FACTORS

ITEM NO.	ITEM DESCRIPTION	ESTIMATING FACTOR
203(6A)	BORROW, TYPE A	145 LB/CU FT
301(1)	AGGREGATE BASE COURSE, GRADING D-1	148 LB/CU FT
401(1A)	HOT MIX ASPHALT, TYPE II, CLASS A	150 LB/CU FT
401(2)	ASPHALT CEMENT, TYPE PG 52-28	5.5 % OF 401(1A)
402(1)	STE-1 ASPHALT FOR TACK COAT	0.000316 TON/SY
610(2)	DITCH LINING	108 LB/CU FT
618(2)	SEEDING	60 LB/ACRE
618(3)	WATER FOR SEEDING	1.0 GAL/SF

STATE OF ALASKA
WILLIAM A. WEBB
4/24/2014
CE 12023
REGISTERED PROFESSIONAL ENGINEER

PLANS DEVELOPED BY: USKH INC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

STERLING HIGHWAY: MP 174-179 PAVEMENT PRESERVATION

ESTIMATE OF QUANTITIES

DESIGNED BY
CHECKED BY
DRAFTED BY

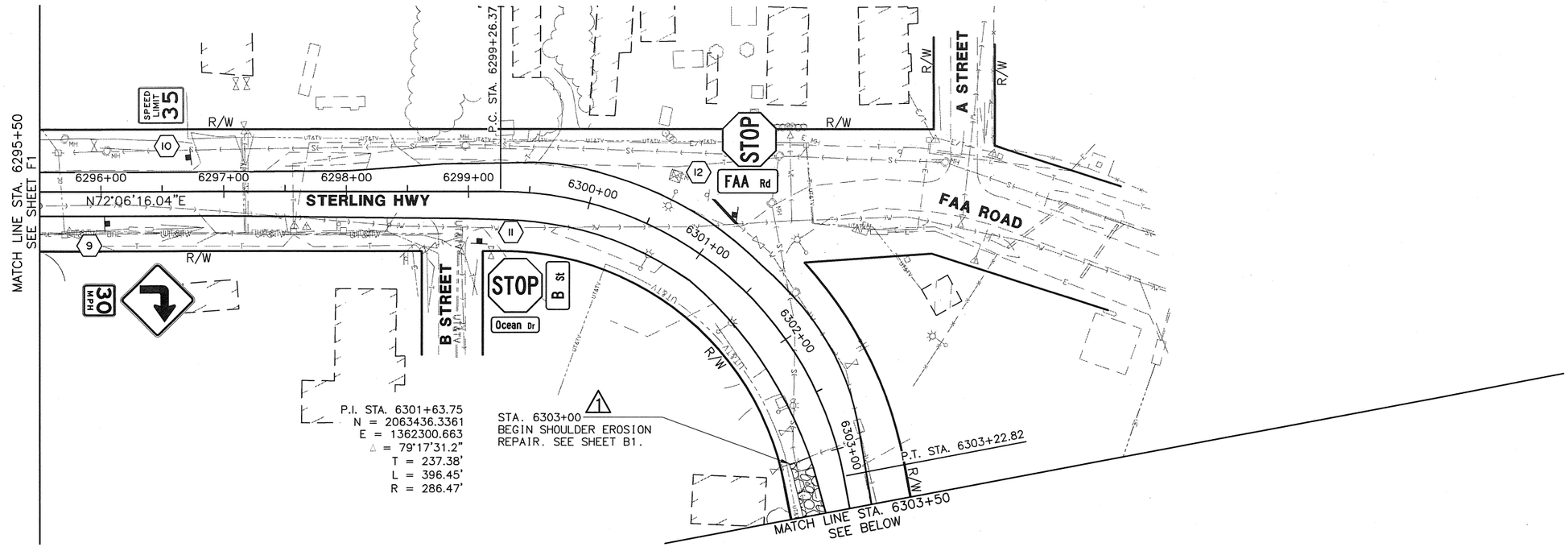
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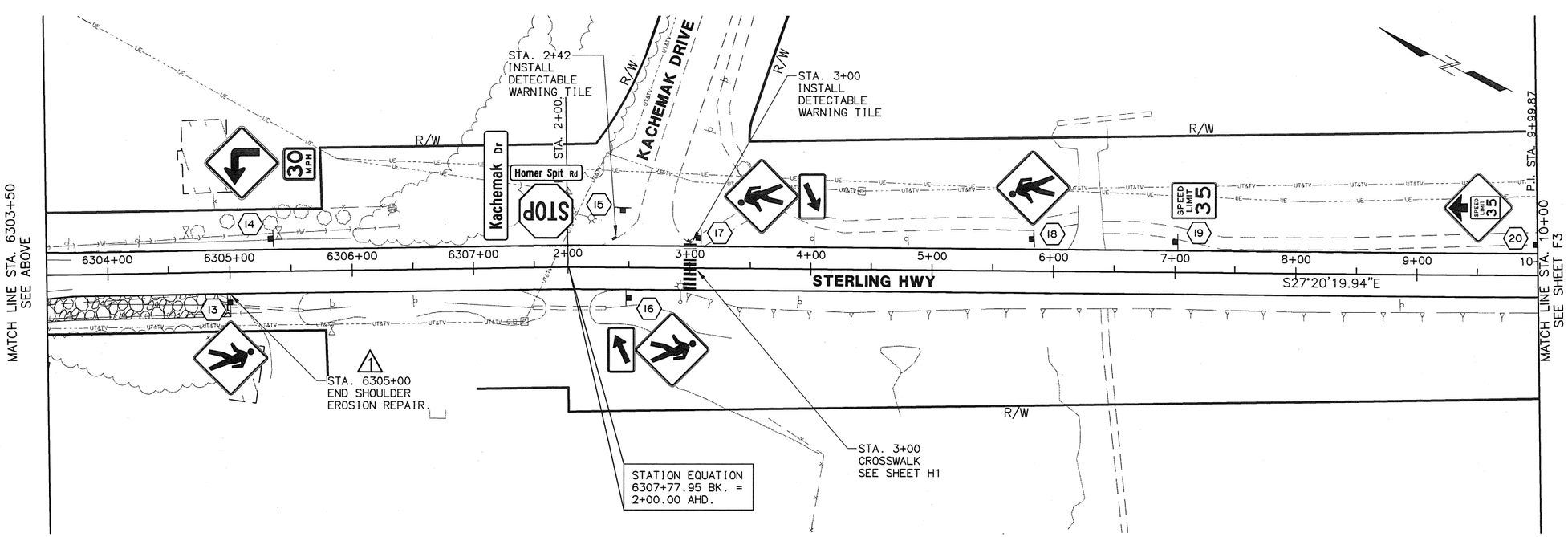
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STATE	YEAR
ALASKA	2014

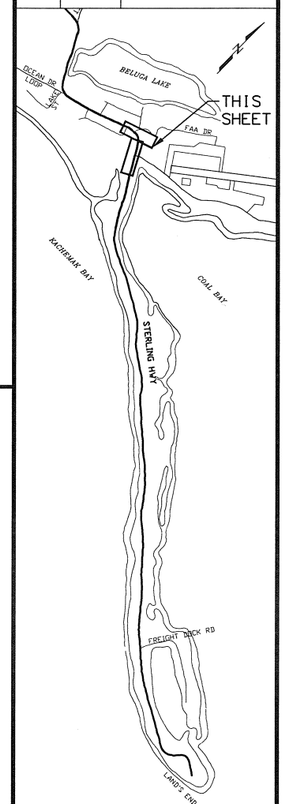
PROJECT DESIGNATION
0211(059)/55260

ADDENDUM NO.

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION
1	4/24/14	ADJUST HATCH AND LIMITS OF EROSION REPAIR



PLANS DEVELOPED BY: USKH INC

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

STERLING HIGHWAY
MP 174 - 179
PAVEMENT PRESERVATION

PAVING PLAN
STA. 6295+50 TO
STA. 10+00

STATE OF ALASKA
WILLIAM A. WEBB
4/24/2014
CE 12023
REGISTERED PROFESSIONAL ENGINEER

PAGE SETUP:
PLOT CTB:
COMPUTER DESIGNATION: I:\1387701\Dwgs\C\Sheets\1387701_F01 to F10.dwg

DESIGNED BY
CHECKED BY
DRAFTED BY

Plotted: Apr 24, 2014, 2:39pm
Plotted by: wwebb
Apr 24, 2014

State of Alaska Department of Transportation & Public Facilities Central Region	**BID SCHEDULE**	Sterling Highway MP 173-174 Pavement Preservation and Sterling Highway MP 174-179 Pavement Preservation AKSAS No.: 56176&55260 Federal No.: 0211(061)&0211(059)

Before preparing this bid schedule, read carefully, Section 102 of the 2004 State of Alaska Standard Specifications for Highway Construction and the following: The Bidder shall insert, as called for, a unit price or a lump sum price in figures opposite each Pay Item for which an estimated quantity appears in the Bid Schedule. A unit price or lump sum price is not to be entered or tendered for any Pay Item not appearing in the Bid Schedule. The Estimated Quantity of work for payment on a lump sum basis will be "All Required" and as further specified in the Contract. Wherever a contingent sum is shown for any item in this Bid Schedule, such amount shall govern and be included in the Bid Total.

Conditioned or qualified bids will be considered Non-Responsive.

Contract award will be made on the basis of the Basic Bid.

The DBE Utilization Goal for this project is 10.8% of the total contract award amount.

The bidder shall insert a unit bid price for each pay item listed below. Type or print legibly.

Basic Bid

Item No.	Item Description	Unit	Quantity	Unit Bid Price	Amount Bid
201 (1B)	CLEARING	LUMP SUM	All Req'd.	LUMP SUM	
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	14,337		
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	256		
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	575		
202 (8)	REMOVAL OF INLET	EACH	8		
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	1,552		
202 (15)	PAVEMENT PLANING	SQUARE YARD	125,547		
202 (40)	REMOVE FUGITIVE MATERIALS	LINEAR FOOT	25,649		
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	3,010		
203 (6A)	BORROW, TYPE A	TON	4,279		
203 (27)	DITCH LINEAR GRADING	STATION	85		
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	1,124		
308 (1)	CRUSHED ASPHALT BASE COURSE	SQUARE YARD	11,000		
401 (1A)	HOT MIX ASPHALT, TYPE II, CLASS A	TON	16,332		
401 (2)	ASPHALT CEMENT, GRADE PG 52-28	TON	899		
401 (6)	ASPHALT PRICE ADJUSTMENT - QUALITY	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**120,000.00**

State of Alaska Department of Transportation & Public Facilities Central Region	**BID SCHEDULE**	Sterling Highway MP 173-174 Pavement Preservation and Sterling Highway MP 174-179 Pavement Preservation AKSAS No.: 56176&55260 Federal No.: 0211(061)&0211(059)

The bidder shall insert a unit bid price for each pay item listed below. Type or print legibly.

Basic Bid

Item No.	Item Description	Unit	Quantity	Unit Bid Price	Amount Bid
401 (10)	ASPHALT MATERIAL PRICE ADJUSTMENT - UNIT PRICE	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**0.00**
603 (1-18)	18 INCH CSP	LINEAR FOOT	588		
603 (1-24)	24 INCH CSP	LINEAR FOOT	10		
603 (3-18)	END SECTION FOR 18 INCH CSP	EACH	1		
603 (3-24)	END SECTION FOR 24 INCH CSP	EACH	1		
603 (22)	CULVERT CLEANING	LINEAR FOOT	3,611		
604 (4)	ADJUST EXISTING MANHOLE	EACH	23		
604 (5)	INLET, TYPE A	EACH	8		
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	3,035		
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	3,848		
606 (13)	PARALLEL GUARDRAIL TERMINAL	EACH	14		
608 (1a)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	110		
608 (6)	CURB RAMP	EACH	13		
608 (8)	ASPHALT PATHWAY AND MEDIANS	TON	84		
608 (10)	DETECTABLE WARNING TILES	SQUARE FOOT	80		
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	1,552		
610 (2)	DITCH LINING	TON	3,123		
611 (1A)	RIP RAP, CLASS 1A	CUBIC YARD	3,155		
611 (1B)	RIP RAP, CLASS IV	CUBIC YARD	2,445		
611 (3)	SALVAGE AND REPLACE EXISTING ARMOR STONE	STATION	5		
615 (1)	STANDARD SIGN	SQUARE FOOT	933		
618 (2)	SEEDING	POUND	70		
618 (3)	WATER FOR SEEDING	MGAL	50		
620 (1)	TOPSOIL	SQUARE YARD	5,626		

State of Alaska Department of Transportation & Public Facilities Central Region	**BID SCHEDULE**	Sterling Highway MP 173-174 Pavement Preservation and Sterling Highway MP 174-179 Pavement Preservation AKSAS No.: 56176&55260 Federal No.: 0211(061)&0211(059)

The bidder shall insert a unit bid price for each pay item listed below. Type or print legibly.

Basic Bid

Item No.	Item Description	Unit	Quantity	Unit Bid Price	Amount Bid
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	2		
630 (1)	GEOTEXTILE SEPARATION	SQUARE YARD	4,690		
639 (6)	APPROACH	EACH	16		
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	All Req'd.	LUMP SUM	
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	All Req'd.	LUMP SUM	
641 (1)	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	All Req'd.	LUMP SUM	
641 (2)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**269,000.00**
641 (6)	WITHHOLDING	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**0.00**
641 (7)	SWPPP MANAGER	LUMP SUM	All Req'd.	LUMP SUM	
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	All Req'd.	LUMP SUM	
642 (3)	THREE PERSON SURVEY PARTY	HOUR	110		
642 (16)	PASSING SIGHT DISTANCE MEASUREMENT	STATION	448		
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	All Req'd.	LUMP SUM	
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	All Req'd.	LUMP SUM	
643 (15)	FLAGGING	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**225,000.00**
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**0.00**
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**435,190.00**
644 (1)	FIELD OFFICE	LUMP SUM	All Req'd.	LUMP SUM	
644 (10)	ENGINEERING COMMUNICATIONS	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**2,000.00**
645 (1)	TRAINING PROGRAM, 1 TRAINEES/APPRENTICES	LABOR HOUR	500		
646 (1)	CPM SCHEDULING	LUMP SUM	All Req'd.	LUMP SUM	
646 (2)	SCHEDULE PRICE ADJUSTMENT	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**0.00**

State of Alaska Department of Transportation & Public Facilities Central Region	**BID SCHEDULE**	Sterling Highway MP 173-174 Pavement Preservation and Sterling Highway MP 174-179 Pavement Preservation AKSAS No.: 56176&55260 Federal No.: 0211(061)&0211(059)

The bidder shall insert a unit bid price for each pay item listed below. Type or print legibly.

Basic Bid

Item No.	Item Description	Unit	Quantity	Unit Bid Price	Amount Bid
647 (5)	BACKHOE, 4WD, 1 CY BUCKET, 75 HP, 15 FT DEPTH	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**50,000.00**
651 (1)	EAGLE MONITORING	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**15,000.00**
669 (4-H1)	AUTOMATED TRAFFIC RECORDERS - SITE H1	LUMP SUM	All Req'd.	LUMP SUM	
669 (4-H2)	AUTOMATED TRAFFIC RECORDERS - SITE H2	LUMP SUM	All Req'd.	LUMP SUM	
669 (4-H3)	AUTOMATED TRAFFIC RECORDERS - SITE H3	LUMP SUM	All Req'd.	LUMP SUM	
669 (4-H4)	AUTOMATED TRAFFIC RECORDERS - SITE H4	LUMP SUM	All Req'd.	LUMP SUM	
670 (10A)	MMA PAVEMENT MARKINGS, LONGITUDINAL SURFACE APPLIED	LINEAR FOOT	110,410		
670 (10B)	MMA PAVEMENT MARKINGS, SYMBOLS AND ARROW(S) SURFACE APPLIED	EACH	50		
670 (10C)	MMA PAVEMENT MARKINGS, TRANSVERSE AND GORE SURFACE APPLIED	LINEAR FOOT	4,082		
670 (10F)	MMA PAVEMENT MARKINGS, TRANSVERSE AND GORE INLAID	LINEAR FOOT	4,800		
682 (1)	VAC-TRUCK POTHOLE	CONTINGENT SUM	All Req'd.	CONTINGENT SUM	**20,000.00**
	Total Basic Bid				$

SECTION 105

CONTROL OF WORK

Standard Modifications

105-1.02 PLANS AND WORKING DRAWINGS. In the third paragraph delete:

"(24"x36")" and replace with: (22"x34")

105-1.03 CONFORMITY WITH PLANS AND SPECIFICATIONS. In the first sentence of the first paragraph after:

"Work performed and materials furnished shall conform to the Plans and Specifications" add: and approved Working Drawings,

In the first sentence of the second paragraph after: "All work or material not conforming to the Plans and Specifications" add: and approved Working Drawings,

E33-012707

Special Provisions

105-1.06 UTILITIES. Add the following:

Request locates from the utilities having facilities in the area. Use the Alaska Digline, Inc. Locate Call Center for the following utilities.

ALASKA DIGLINE, INC.	
Locate Call Centers:	
Anchorage	278-3121
Statewide	(800) 478-3121
Call Centers will notify the following:	
Alaska Communications Systems (ACS)	
Chugach Electric Association (CEA)	
City of Homer (HPW)	
ENSTAR Natural Gas (ENS)	
General Communications, Inc. (GCI)	
Homer Electric Association (HEA)	

Call the following utilities and agencies directly:

Contact the Central Region Maintenance & Operations Office at (907) 269-0760 to obtain the appropriate District Superintendent's phone number for this project.

Utilities Relocated by Others.

Utilities will be relocated by others concurrently with construction of this project. The Contractor will give the Utility, through the Engineer, 15 calendar days advance written notice regarding the dates when the utility owner is required to begin and end operations. For utilities being relocated, the Contractor will:

1. include utility work on the Construction Phasing Plan and Progress Schedule;

2. provide erosion, sediment, and pollution control including the stabilization of areas disturbed during utility work. Identify all utility companies performing ground disturbing activity in the Storm Water pollution Prevention Plan (SWPPP). Refer to Section 641 for further information;

3. clear and grub. Payment will be made under Section 201, Clearing and Grubbing;

4. provide traffic control and flagging. Payment will be made under Section 643, Traffic Maintenance;

5. provide Right-of-Way and/or Construction Surveying before utility relocation. Include:
   - Control for utility relocation - either ROW or Centerline staking with Station information.

   Payment will be made as follows:

   a. Subsidiary to Pay Item 642(1) Construction Surveying, if the Contractor is required to provide the surveying as part of the Contract and/or,
   b. Under Pay Item 642(3) Three Person Survey Party, if the Construction or Right of Way staking required by the utility is either in advance of the 2 week work plan, or not required by the Contract.

   The utility shall give the Contractor, through the Engineer, 15 calendar days advance written notice for required staking.

6. remove and replace pavement. Payment will be made under Section 202, Removal of Structures and Obstructions; Section 401, Hot Mix Asphalt and Surface Treatments; Section 408, Hot Mix Asphalt and Surface Treatments, Type V; Section 409, Hot Mix Asphalt and Surface Treatments, Type R (Crumb Rubber) and according to project typical section.

7. remove and replace sidewalk and curb and gutter. Payment will be made under Section 202, Removal of Structures and Obstructions, Section 608, Sidewalks, and Section 609, Curbing.

8. Locate and pothole underground utilities in all areas of excavation for road, drainage, and approach improvements.

   Coordinate with ACS, HEA, ENSTAR, GCI, COH and the engineer to evaluate the extent of the conflicts, and work around each utility.

   Payment will be made under section 682, Utility Potholing.

Work done by utility owner(s) is as follows:

Provide each utility fifteen (15) calendar days advance written notice for each work location where conflicts may occur. Provide a copy of the written notice to the Engineer.

Utility contact information is as follows:

- Monty Williams, ACS of Northland, LLC, 907-321-9330
- Kathy McDonough, HEA, 907-235-3389
- Jerry Cochran, GCI, 907-868-5635
- Charlie Pierce, ENSTAR, 907- 714-7510
- Dan Gardner, COH, 907-339-4170
- **Carl Gatter, KKCC, 907-257-1861**

Utility Specific Coordination:

ACS of the Northland, LLC

ACS owns and operates underground telecommunications facilities along and crossing the Sterling Highway throughout the project limits. The contractor will pothole and expose all of the lines located in the

table below. Provide ACS and the Engineer the potholing information to determine if there will be any conflicts to work around.

	Ditch Linear Grading Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
BFC300x24	Between stations 6279+50 to 6299+00	Lambert Lane to B street
Service line*	Between stations 30+00 to 30+40	Main Street
BFC200x24	Approximate Station 30+40	Main Street
BFC6x22	Between stations 38+00 to 39+20	Beluga Avenue
BFC6x22	Between stations 68+10 to 68+50	Lake Street
BFC100x24	Approximate Station 6284+50	E Street
pedestal BD5A	Approximate Station 6286+00	Douglas Place
pedestal BD7	Approximate Station 6288+15	Douglas Place
BFC50x24	Between stations 6288+15 to 6294+00	Douglas Place
BFC300x24	Between stations 6288+15 to 6297+50	Douglas Place to B Street
pedestal BD5	Approximate Station 6288+15	Douglas Place
BFC25x24	Between stations 6288+15 to 6297+50	Douglas Place to B Street
pedestal BD7	Approximate Station 6297+50	B Street
BFC100x24	Approximate Station 6297+50	B Street
BFC300x24	Approximate Station 6297+50	B Street
BFC400x24	Between stations 6297+50 to 6299+00	B Street
BFC600x24	Between stations 6303+25 to 6303+50	Kachemak Drive
pedestal BD7	Approximate Station 6303+50	Kachemak Drive
BFC400x24	Between stations 6303+50 to 6307+50	Kachemak Drive
pedestal BD5	Approximate Station 6307+50	Kachemak Drive
BFC100x24	Between stations 222+00 to 226+00	Near Land's End Resort

*This is a non-reimbursable line

GCI Communication Corporation

GCI owns and operates overhead and underground telecommunications facilities along the Sterling Highway throughout the project limits. The contractor will pothole and expose all of the lines located in the tables below. Provide GCI and the Engineer the potholing information to determine if there will be any conflicts to work around.

	Ditch Linear Grading Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
Vault	Approximate Station 23+00	Greatland Street
144 count fiber	Between stations 23+00 to 25+30	Greatland Street
48 count fiber*	Between stations 23+00 to 25+30	Greatland Street
144 count fiber	Between stations 28+00 to 30+40	Main Street
144 & (2) 24 count fibers	Between stations 43+30 to 44+10	Poopdeck Street
.750 & .500 coax cables*	Between stations 68+10 to 70+80	Lake Street
UG .625	Between stations 6279+50 to 6282+10	Lambert Lane to E Street
UG .500	Between stations 6288+15 to 6297+50	Douglas Place to B Street
UG .500	Between stations 6301+25 to 6305+75	B Street to Kachemak Drive

*This is a non-reimbursable line

	Culvert and Storm Drain Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
144 count fiber	Approximate station 25+00	Greatland Street
48 count fiber*	Approximate station 25+00	Greatland Street
144 & (2) 24 count fibers	Approximate station 42+50	Poopdeck Street

*This is a non-reimbursable line.

Homer Electric Association, Inc.

HEA owns and operates overhead and underground electrical distribution facilities along and crossing the Sterling Highway throughout the project limits. The contractor will pothole and expose all of the lines located in the tables below. Provide HEA and the Engineer the potholing information to determine if there will be any conflicts to work around.

	Ditch Linear Grading Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
Single Phase UG line	Between stations 18+80 to 19+40	Pioneer Avenue
Single Phase UG line	Between stations 23+00 to 23+80	Greatland Street
Switch Cabinet and transformer	Approximate station 23+00	Greatland Street
3 phase UG line	Approximate station 43+90	Poopdeck Street
3 phase UG line	Between stations 44+15 to 49+40	Poopdeck Street
Single Phase UG line	Between stations 55+00 to 55+30	Heath Street
3 phase UG line	Between stations 69+10 to 69+20	Lake Street
Two anchors	Approximate station 69+20	Lake Street
3 phase pole 53-21 0364	Approximate Station 6279+50	Lambert Lane
3 phase pole 53-21 0663	Approximate Station 6282+25	E Street
3 phase pole 53-21 1162	Approximate Station 6284+50	E Street
3 phase pole 53-21 1361	Approximate Station 6286+25	Douglas Place
3 phase pole 53-21 1660	Approximate Station 6288+15	Douglas Place
3 phase pole 53-21 1959	Approximate Station 6289+55	Douglas Place
3 phase pole 53-21 2058	Approximate Station 6290+60	Douglas Place
3 phase pole 53-21 2457	Approximate Station 6294+05	Douglas Place
3 phase pole 53-21 2757	Approximate Station 6295+75	B Street
3 phase pole 53-21 ?	Approximate Station 6297+60	B Street
3 phase pole 53-21 ?	Approximate Station 6297+75	B Street
UG 3 phase	Between stations 6297+60 to 6298+50	B Street
UG 3 phase	Between stations 222+00 to 226+00	Near Land's End Resort

	Culvert and Storm Drain Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
3 phase UG line	Approximate station 46+00	Poopdeck Street

Provide Homer Electric Association, Inc. (HEA) fifteen (15) calendar days advance written notice for the dig out work done between 150 feet west of Poopdeck Street to 200 feet east of Poopdeck Street. Provide a copy of the written notice to the Engineer.

ENSTAR Natural Gas Company

ENSTAR owns and operates underground natural gas distribution facilities along and crossing the Sterling Highway throughout the project limits. The contractor will pothole and expose all of the lines located in the tables below. Provide ENSTAR and the Engineer the potholing information to determine if there will be any conflicts to work around.

	Ditch Linear Grading Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
4" plastic line*	Between stations 18+80 to 25+30	Pioneer Avenue to Greatland Street
	Between stations 28+00 to 30+40	Main Street
	Between stations 38+00 to 42+60	Beluga Avenue to Poopdeck Street
	Between stations 43+30 to 44+10	Poopdeck Street
	Between stations 45+00 to 47+50	Poopdeck Street
	Between stations 48+20 to 52+20	Poopdeck Street
	Between stations 52+90 to 55+30	Heath Street
	Between stations 56+00 to 57+30	Heath Street
	Between stations 58+20 to 61+10	Heath Street
	Between stations 61+70 to 63+40	Waddell Way
	Between stations 64+00 to 66+90	Lake Street
	Between stations 68+10 to 70+80	Lake Street
	Between stations 6279+50 to 6307+50	Pioneer Avenue to Greatland Street
	Between stations 222+00 to 226+00	Near Land's End Resort
1" plastic line	Approximate Station 6283+00	E Street
1" plastic line	Approximate Station 6289+50	Douglas Place
1" plastic line	Approximate Station 6290+50	Douglas Place
1" plastic line	Approximate Station 6294+00	Douglas Place

*This is a non-reimbursable work.

	Culvert and Storm Drain Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
4" Plastic Line	Approximate station 42+50	Poopdeck Street
	Approximate station 46+00	
	Approximate station 49+75	

*This is a non-reimbursable work.

City Of Homer

The City of Homer owns and operates water and sewer facilities along and crossing the Sterling Highway throughout the project limits. The Department will provide for the adjustment of the required valve boxes (V). At the approximate locations listed below:

Approximate Station	Approximate Offset
6276+95 (V)	15' RT
200+40 (V)	17' RT
210+75(V)	17' RT
222+05 (V)	17' RT
222+10 (V)	17' RT

COH will perform pre and post construction inspections on seven (7) water valves and three (3) sanitary sewer manholes throughout the project.

Allow COH one (1) working day for the preconstruction inspection and one (1) working day for the post construction inspection.

55260/56176-022514

Kodiak Kenai Cable Company

The Kodiak Kenai Cable Company owns and operates overhead and underground telecommunications facilities along and crossing the Sterling Highway throughout the project limits. Potential conflicts could arise in these areas below but the contractor will work around these lines and protect them.

	Ditch Linear Grading Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
24 count fiber*	**Between stations 28+00 to 30+40**	**Main Street**
24 count fiber	**Between stations 43+30 to 44+10**	**Poopdeck Street**

***This is a non-reimbursable line.**

	Culvert and Storm Drain Conflicts:	
Size of Cable	**Station**	**Closest Street Name**
24 count fiber	**Approximate station 42+50**	**Poopdeck Street**

55260/56176-042414

105-1.07 COOPERATION BETWEEN CONTRACTORS. Add the following:

The following state owned projects may be under construction concurrently with this project.

Project Name:	Project No.:
HSIP: Pioneer Ave & Main St OH Beacon	55889

Coordinate traffic control, construction, and material hauling operations with the prime contractor of the above projects to minimize impact on the traveling public, and to minimize conflicts with the work being performed under the other contracts.

CR1051-110309

105-1.13 MAINTENANCE DURING CONSTRUCTION. Add the following at the end of this subsection:

Costs of maintenance work during construction and before the project is accepted as substantially complete shall be subsidiary to the prices bid on the various Contract items, and the Contractor will not be paid an additional amount for such work.

If in the Engineer's opinion, the Contractor at any time fails to provide adequate maintenance, the Engineer will notify the Contractor of such noncompliance. The notification will specify the areas or structures for which there is inadequate maintenance, the corrective maintenance required, and the time allowed to complete corrective maintenance. If the Contractor fails to take corrective action within the specified time, the Engineer may:

1. Suspend the work until corrective maintenance is completed;
2. Assess a traffic price adjustment against the Contract Amount when an adjustment rate is specified in the Contract; and
3. Employ others for corrective maintenance and deduct the cost from the Contract amount.

E33-012707

105-1.15 PROJECT COMPLETION. In the second paragraph, second sentence, delete:

"Subsection 621-3.04" and replace with: Subsection 618-3.06 and 621-3.04.

In the third paragraph, first sentence, delete:

"Subsection 621-3.04" and replace with: Subsection 618-3.06 and 621-3.04.

E59-072808

105-1.16 FINAL ACCEPTANCE AND RECORD RETENTION. Modify the first paragraph, Item 4. after:

"DOLWD" add: and State Department of Revenue.

E19-063004

Special Provisions

105-1.17 CLAIMS FOR ADJUSTMENT AND DISPUTES. Add the following:

Appeals to the superior court under AS 36.30.685 must be filed in the Third Judicial District.

CR1054-032101

Add the following Subsection 105-1.18:

105-1.18 RESERVED FOR WARRANTIES.

E33-012707

Add the following Subsection 105-1.19:

105-1.19 INTERIM COMPLETION. This project includes one interim completion phase.

Interim Completion Phase:

Date: 15 September, 2014

Work: Complete the final lift of Hot Mix Asphalt by the interim completion date. This includes all work under the final lift of Hot Mix Asphalt including, but is not limited to, the following:

- Curb and gutter replacement
- Culvert removal and replacement
- Curb ramps
- Rip rap and armor stone salvage and replacement
- Loop and piezo detectors for automated traffic recorders

Final Completion Phase:

Date: See the Invitation for Bids for the final completion date.
Work: All contract work

CR1052-020911

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ADDENDUM NO. 2
ATTACHMENT NO. 5

Item 401(10). Asphalt Material Price Adjustment – Unit Price.

For each Section as included in Subsection 401-4.04 Asphalt Material Price Adjustment – Unit Price, item 1, the "Asphalt Material Price Adjustment – Unit Price" is paid under the asphalt material Pay Item for the Section with the greatest quantity as determined by the estimate of quantities included in the Plans at the time of the bid opening.

- When more than one "Asphalt Material Price Adjustment – Unit Price" Pay Item is included in the Plans or bid schedule the asphalt material price adjustment, for each Section's asphalt material, is paid under the Pay Item with the greatest quantity.

- When more than one asphalt material is included in the project and only one "Asphalt Material Price Adjustment – Unit Price" Pay Item is included in the Plans or bid schedule, the asphalt material price adjustment, for each Section's asphalt material, is paid under the one Pay Item regardless of the quantity.

- When the Pay Item "Asphalt Material Price Adjustment – Unit Price," is not included, for any section, no payment will be made.

Payment will be made under:

Pay Item No.	Pay Item	Pay Unit
401(1A)	Hot Mix Asphalt, Type II; Class A	Ton
401(1F)	Hot Mix Asphalt, Preleveling/Leveling Course, Type IV; Class B	Lane-Station
401(2)	**Asphalt Cement, Grade PG 52-28**	**Ton**
401(3)	Hot Mix Asphalt, Temporary, Type II; Class B	Ton
401(4)	Hot Mix Asphalt, Type __; Class __	Square Yard
401(6)	Asphalt Price Adjustment - Quality	Contingent Sum
401(8)	Hot Mix Asphalt, Approach, Type __; Class __	Ton
401(9)	Longitudinal Joint Adhesive	Linear Foot
401(10)	Asphalt Material Price Adjustment – Unit Price	Contingent Sum

CR401-091313

SECTION 603

CULVERTS AND STORM DRAINS

Special Provisions

603-1.01 DESCRIPTION. Add the following:

This work shall also consist of installing culvert marker posts and cleaning of culverts.

603-2.01 MATERIALS. Delete the second paragraph and substitute the following:

When Item 603(17-xx), Pipe, is listed in the bid schedule, furnish either Corrugated Steel Pipe (CSP) or Reinforced Concrete Pipe. Corrugated Polyethylene Pipe is not allowed. End Sections for Metal Pipe must be of the same material as the pipe.

Add the following:

Culvert marker posts shall meet the requirements of subsection 730-2.05, Flexible Delineator Posts. The color shall be blue with no other markings. The 2.5 inch by 6 foot post shall be rectangular in cross section with reinforcing ribs capable of a minimum bending radius of 9 inches.

CR42-082703

603-3.03 JOINING PIPE.

2. Metal Pipe. Add the following after the 2nd sentence:

   Install a gasket in all pipe joints; joints between new sections of pipe and joints between new and existing sections of pipe of similar or dissimilar materials, regardless of the type of coupling band. Except, the end section joint does not require a gasket. Use flexible watertight gaskets (ASTM D 1056 2B3) as specified in Subsection 705-2.05.

3. Polyethylene Pipe. Add the following after the 1st sentence:

   Install a gasket in all pipe joints; joints between new sections of pipe and joints between new and existing sections of pipe. Except, the end section joint, and where the pipe is manufactured with a locking joint such that the joint seals watertight, a gasket is not required. Use flexible watertight gaskets (ASTM D 1056 2B3) as specified in Subsection 705-2.05.

CR6031-032411

603-3.04 CLEANING CULVERTS. Add the following:

Clean culverts by removing sediments, dirt, rocks, vegetation, and detritus from pipes. Hydraulic or mechanical methods of cleaning may be used. Dispose of waste material off-site according to Subsection 203-3.01.

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Add the following subsection:

603-3.06 CULVERT MARKER POSTS. Culvert marker posts shall be installed on the approach side of storm drain outfalls 30 inches and smaller, field inlets not in paved parking lots, all end sections to cross culverts, or as directed by the Engineer. Forty-two inches of post shall remain above the ground after driving.

603-4.01 METHOD OF MEASUREMENT. Add the following: