

STANDARD MODIFICATION **11/30/2020**
HSM20-2

**SECTION 104
SCOPE OF WORK**

104-1.06 VALUE ENGINEERING CHANGE PROPOSALS BY CONTRACTOR. *Replace item 3.e of this subsection with the following:*

- e. The Contractor may submit VECPs for an approved subcontractor. If the Contractor elects to submit a VECP for an approved subcontractor and it is subsequently accepted by the Department, the Department will reimburse the Contractor per 104-1.06.5.

STANDARD MODIFICATION **06/30/2020**
HSM20-1

**SECTION 108
PROSECUTION AND PROGRESS**

108-1.07 FAILURE TO COMPETE ON TIME. *DELETE Table 108-1 of this subsection in its entirety and REPLACE with the following:*

**TABLE 108-1
DAILY CHARGE FOR LIQUIDATED DAMAGES
FOR EACH CALENDAR DAY OF DELAY**

Original Contract Amount		Daily Charge
From More Than	To and Including	
\$ 0	500,000	\$1,000
500,000	1,000,000	1,500
1,000,000	5,000,000	1,800
5,000,000	10,000,000	2,500
10,000,000	25,000,000	3,800
25,000,000	-----	4,800

STANDARD MODIFICATION **11/30/2020**
HSM20-3

**SECTION 109
MEASUREMENT AND PAYMENT**

109-1.08 FINAL PAYMENT. *Add the following after the fifth paragraph of this subsection:*

On federally funded projects, if DOLWD Wage and Hour Administration notifies the Department of a pending prevailing wage investigation, and that the investigation is preventing the closing out of the project, the Contractor may place the notified amount in escrow under Wage and Hour for the exclusive purpose of satisfying unpaid prevailing wages. Upon receipt of notice from Wage and Hour that the contractor has satisfactorily transferred the necessary funds into escrow, the Department will proceed to issue final payment.

**STANDARD MODIFICATION
HSM20-4**

11/30/2020

**SECTION 202
EXCAVATION AND EMBANKMENT**

202-5.01 BASIS OF PAYMENT.

In the first paragraph, replace the words “and 22.0013.____.” with the following:
“and 202.0013.____.”

In the fourth paragraph, replace the words “Items 020.0014.____ ” with the following:
“Items 202.0014.____ “

**STANDARD MODIFICATION
HSM20-5**

11/30/2020

**SECTION 203
EXCAVATION AND EMBANKMENT**

203-3.04 COMPACTION WITH MOISTURE AND DENSITY CONTROL. In the second paragraph of this subsection, delete the words “and ATM 214”.

**SECTION 205
EXCAVATION AND FILL FOR MAJOR STRUCTURES**

205-3.05 COMPACTION. In the second paragraph of numbered paragraph 1. Compaction With Moisture and Density Control, delete the words “and ATM 214”.

**SECTION 301
AGGREGATE BASE AND SURFACE COURSE**

301-3.03 SHAPING AND COMPACTION. In the second paragraph of this subsection, delete the words “and ATM 214”.

**STANDARD MODIFICATION
HSM20-6**

11/30/2020

**SECTION 402
TACK COAT**

402-3.02 EQUIPMENT. Delete this subsection in its entirety and substitute the following: Furnish, maintain, and operate asphalt distributor to apply asphalt material uniformly at even heat on variable widths of surface up to 15 feet at readily determined and controlled flow rates. Provide an asphalt distributor capable of application rates from 0.01 to 0.11 gallon per square yard. Equip with a heater, tachometer, flow rate gauge, operable mechanical tank gauge, thermometer for measuring temperatures of tank contents, power unit for the pump and full circulation spray bars adjustable laterally and vertically.

402-3.04 APPLICATION OF ASPHALT MATERIAL.

Add the following at the end of the first paragraph:

Control deviation from any specified application rate to within 0.02 gallon per square yard.

Add the following after the second paragraph this subsection:

After application of the tack coat, the surface shall be allowed to cure without being disturbed for the period of time necessary to permit drying and setting of the tack coat. If necessary, the Engineer will determine when the tack has cured.

**STANDARD MODIFICATION
HSM20-7**

11/30/2020

**SECTION 511
MECHANICALLY STABILIZED EARTH (MSE) WALL**

511-2.01 MATERIALS. Meet the following:

Replace the sixth and seventh items in the Materials reference list in this subsection with the following:

Geotextile for Drainage
Geogrid

Subsection 729-2.01
Subsection 729-2.04

**STANDARD MODIFICATION
HSM20-8**

11/30/2020

**SECTION 550
COMMERCIAL CONCRETE**

550-2.02 COMPOSITION OF MIXTURE – JOB MIX DESIGN.

Replace Table 550-1 with the following:

**TABLE 550-1
COMMERCIAL CONCRETE DESIGN REQUIREMENTS**

Class	B-B	B	W
Water-Cement Ratio, lbs/lbs, maximum	0.40	0.45	0.50
Total Air Content, %	5.5 – 6.5	5.5 – 6.5	4.0 – 6.5
Coarse Aggregate Gradation, AASHTO M 43	No. 57 or 67	No. 57 or 67	No. 7, 8, 57, or 67
Compressive Strength, psi, minimum	5,000	4,000	3,000

Alternative sizes of coarse aggregate, as shown in AASHTO M 43, may be used when approved in writing.

550-5.01 BASIS OF PAYMENT.

Replace the first sentence of this subsection with the following:

If Items 550.0001.____, 550.0002.____, 550.0003.____, 550.0004.____, 550.0005.____, or 550.0006.____ do not appear in the Bid Schedule concrete is subsidiary to other items.

Add the following pay items:

PAY ITEM		
Item Number	Item Description	Unit
550.0005.____	Class B-B Concrete	LS
550.0006.____	Class B-B Concrete	CY

STANDARD MODIFICATION **11/30/2020**
HSM20-9

**SECTION 603
 CULVERTS AND STORM DRAINS**

603-5.01 BASIS OF PAYMENT. *In the PAY ITEM table, capitalize the units for pay items 603.0003. and 603.0004.*

PAY ITEM		
Item Number	Item Description	Unit
603.0003.____	End Section for CSP ____ Inch	EACH
603.0004.____	End Section for ____ Inch CSP Arch	EACH

STANDARD MODIFICATION **11/30/2020**
HSM20-10

**SECTION 608
 SIDEWALKS**

608-3.01 CONCRETE SIDEWALKS. *Add the following new paragraph after the ninth paragraph of this subsection :*

The Engineer will test the finished surface with a 10-foot straightedge. Variations of more than 1/4-inch from the edge of the straightedge across or along the sidewalk surface, except at grade changes, are unacceptable. Portions of the sidewalk surface and pedestrian ramps less than 10 feet in width or length may be tested using a shorter straightedge.

STANDARD MODIFICATION **11/30/2020**
HSM20-12

**SECTION 614
 CONCRETE BARRIER**

614-2.01 MATERIALS. Use materials that conform to the following:
Replace the first item in the Materials reference list of this subsection with the following:

Concrete, cast-in-place	Section 550, Class B
Concrete, precast MASH F-shape	Section 550, Class B-B

STANDARD MODIFICATION **11/30/2020**
HSM20-13

**SECTION 633
 SILT FENCE**

633-2.01 MATERIALS. Use materials that conform to the following:
Replace the second item in the Materials reference list with the following:

Silt Fence

Subsection 729-2.02

633-3.01 CONSTRUCTION REQUIREMENTS. Replace the first sentence of this subsection with the following:

Install silt fence according to the SWPPP, Appendix B.

**STANDARD MODIFICATION
HSM20-14**

11/30/2020

**SECTION 641
EROSION, SEDIMENT, AND POLLUTION CONTROL**

641-2.05 MATERIALS. Replace the fifth paragraph of this subsection with the following:

Use straw and straw products certified weed free of prohibited and restricted noxious weed seed and quarantined pests, according to Alaska Administrative Code, Title 11, Chapter 34 (11 AAC 34). When straw or straw products certified according to 11 AAC 34 are not available, use non-certified products manufactured within Alaska before certified products manufactured in another state, country, or territory. Non-certified straw or straw products manufactured in another state, country, or territory shall not be used. Grass, legumes, or any other herbaceous plants produced as hay, shall not be substituted for straw or straw products.

**STANDARD MODIFICATION
HSM20-15**

11/30/2020

**SECTION 644
SERVICES TO BE FURNISHED BY THE CONTRACTOR**

644-2.05 VEHICLES. Replace the third paragraph of this subsection with the following:

You are responsible for normal wear and tear, and any other incidental damage including broken windshields, occurring during the Department's operation and use. The State of Alaska is responsible for damage to any vehicle caused by its own negligent operation.

**STANDARD MODIFICATION
HSM20-16**

11/30/2020

**SECTION 660
SIGNALS AND LIGHTING**

660-3.04 JUNCTION BOXES. Replace item 1. of the seventh paragraph of this subsection with the following:

1. 300 feet maximum for any conduit run containing either:
 - a. One single cable, plus one bare or insulated equipment grounding conductor (EGC); or
 - b. 2 or fewer single pair No. 12 AWG (or smaller) loop lead-in cables, plus one bare or insulated EGC.

**STANDARD MODIFICATION
HSM20-17****11/30/2020****SECTION 724
SEED**

724-2.02 MATERIALS. *Replace the second, third, and fourth paragraphs of this subsection with the following:*

Furnish seed true of genus and species. Meet applicable requirements of the State of Alaska *Seed Regulations*, Alaska Administrative Code, Title 11, Chapter 34 (11 AAC 34), and the Federal Seed Act, 7 CFR Part 201.

The Engineer will review requests for genus, species, or cultivar substitution(s). The Contractor shall submit a proposed seed mix accompanied by approval from the Alaska Plant Materials Center, and confirmation the vendor can provide the requested mix in quantities adequate for the project.

1. Prohibited and Restricted Noxious Weeds and Quarantined Pests. Furnish seed certified to be free of prohibited noxious weeds or quarantined pests, and certified to contain no more than the maximum allowable tolerances for restricted noxious weeds, according to 11 AAC 34.
 - a. Seed found to contain prohibited noxious weeds or quarantined pests will be rejected, according to 11 AAC 34.020(a) and 11 AAC 34.105 through 34.180, respectively.
 - b. Seed found to contain restricted noxious weed seed in excess of the maximum allowable tolerance per pound will be rejected, according to 11 AAC 34.020(b).

Prohibited and restricted noxious weeds are listed in 11 AAC 34.020, and can be viewed at the following URL: <http://plants.alaska.gov/invasives/noxious-weeds.htm>.

**STANDARD MODIFICATION
HSM20-18****11/30/2020****SECTION 727
SOIL STABILIZATION MATERIAL****727-2.02 MATTING.**

4. Knitted Straw Mat. *Replace this numbered item with the following:* Commercially manufactured erosion control blanket. Use photodegradable netting and biodegradable thread. Use straw and straw products from oats, wheat, rye, barley, or other approved grain crops that are certified weed free of prohibited and restricted noxious weed seed and quarantined pests, according to Alaska Administrative Code, Title 11, Chapter 34 (11 AAC 34), and free of mold, or other objectionable material. When straw or straw products certified according to 11 AAC 34 are not available, use non-certified products manufactured within Alaska before certified products manufactured in another state, country, or territory. Non-certified straw or straw products manufactured in another state, country, or territory shall not be used. Grass, legumes, or any other herbaceous plants produced as hay, shall not be substituted for straw or straw products. May contain coconut or fiber to reinforce the straw. Follow the manufacturer's published recommendations.