

STANDARD MODIFICATION
M 113 (1998 Metric)

06/30/04

DIVISION 100

Delete Division 100 of the 1998 SSHC, except for Section 109-1.02 Measurement of Quantities.

Add Division 100 of the 2004 SSHC, except for Section 109-1.02 Measurement of Quantities. (Specifications not attached, use published 2004 SSHC book)

Within Division 100 of the 2004 SSHC make the following changes from english to metric units:

101-1.03 DEFINITIONS.

Within definition of Bridge replace: "20 feet" with: 6.1 meters

Delete definition of Station in its entirety and replace with:

STATION. (1) A distance of 1000 meters measured horizontally, usually along centerline.

105-1.06 UTILITIES.

Within Item 4.c.(1)(b) delete text in its entirety and replace with: The utility was field located by the utility owner or operator, and the field locate is accurate within 615 horizontal millimeters if the utility is buried 3.0 meters deep or less, or the field locate is accurate within 770 horizontal millimeters if the utility is buried deeper than 3.0 meters;

Within Item 4.c.(2)(a) delete text in its entirety and replace with: The field locate by the owner or operator of a buried utility erred by more than 615 horizontal millimeters if the utility is buried 3.0 meters deep or less, or 770 horizontal millimeters if the utility is buried deeper than 3.0 meters;

107-1.11 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE.

Within Items 3.d. replace: "100 feet" with: 30 meters

Within Division 100 of the 2004 SSHC make the following language changes:

102-1.05 PREPARATION OF BID. Modify the second sentence in the third paragraph, after: "If a bidder is a corporation, the bid must be signed by a corporate officer" add: or agent

105-1.16 FINAL ACCEPTANCE AND RECORD RETENTION. Modify the first paragraph, Item 4., after: "DOLWD" add: and State Department of Revenue

109-1.08 FINAL PAYMENT. Add the following sentence to the first paragraph:

The Department will not process the final estimate until the Contractor completes Items 1 through 4 in the first paragraph of Subsection 105-1.16.

STANDARD MODIFICATION
M 114

06/30/04

SECTION 608

SIDEWALKS

608-3.03 SIDEWALK RAMPS. Delete heading and Subsection in its entirety and replace with the following:

608-3.03 CURB RAMPS. Construct curb ramps according to the details and the locations shown on the Plans. Follow the construction requirements of Subsection 608-3.01. Give the exposed concrete surface a coarse broom finish. Install detectable warnings.

Add new subsection:

608-3.04 DETECTABLE WARNINGS. Construct detectable warnings according to the details and the locations shown on the Plans. Install cast in place tactile tiles integral with new construction. Install either molded-in-place epoxy systems, or remove the ramp and replace it with new concrete and integrally attached tactile tile, when retro-fitting existing cured concrete ramps. Install tile so there are no vertical changes in grade exceeding 6 mm or horizontal gaps exceeding 12 mm. Align pattern on a square grid in the predominant direction of travel. Detectable warnings are made of composite materials, safety yellow color, slip resistant, with truncated dome pattern.

Detectable warnings shall be manufactured and installed in accordance with Americans with Disabilities Act Accessible Guideline.

608-4.01 METHOD OF MEASUREMENT. Delete entire subsection and replace with the following:
Measure per Section 109 and as follows:

Concrete Sidewalk. By the square meter of finished surface, including curb ramps.

Asphalt Sidewalk. By the megagram of asphalt mixture placed or by the square meter of finished surface, including curb ramps.

Bed Course Material. By the megagram per Subsection 109-1.02, or by the cubic meter measured in final position.

Curb Ramp. By each installation, complete in place, including detectable warnings, ramp runs, flares, and landings necessary to provide a single street-level access.

608-5.01 BASIS OF PAYMENT. Replace Item: "608(6) Sidewalk Ramp" with: 608(6) Curb Ramp

**STANDARD MODIFICATION
E 18**

06/30/04

SECTION 102

BIDDING REQUIREMENTS AND CONDITIONS

102-1.05 PREPARATION OF BID. Modify the second sentence in the third paragraph, after: "If a bidder is a corporation, the bid must be signed by a corporate officer" add: or agent

**STANDARD MODIFICATION
E 19**

06/30/04

SECTION 105

CONTROL OF WORK

105-1.16 FINAL ACCEPTANCE AND RECORD RETENTION. Modify the first paragraph, Item 4., after: "DOLWD" add: and State Department of Revenue

**STANDARD MODIFICATION
E 11**

06/30/04

**SECTION 109
MEASUREMENT AND PAYMENT**

109-1.08 FINAL PAYMENT. Add the following sentence to the first paragraph:

The Department will not process the final estimate until the Contractor completes Items 1 through 4 in the first paragraph of Subsection 105-1.16.

**STANDARD MODIFICATION
E 12**

06/30/04

**SECTION 507
BRIDGE RAILING**

507-2.01 MATERIALS. Add the following: Grout

Section 701-2.03

**STANDARD MODIFICATION
E 20**

06/30/04

**SECTION 608
SIDEWALKS**

608-3.03 CURB RAMPS. Delete subsection in its entirety and replace with the following:

Construct curb ramps according to the details and the locations shown on the Plans. Follow the construction requirements of Subsection 608-3.01. Give the exposed concrete surface a coarse broom finish. Install detectable warnings.

Add new subsection:

608-3.04 DETECTABLE WARNINGS. Construct detectable warnings according to the details and the locations shown on the Plans. Install cast in place tactile tiles integral with new construction. Install either molded-in-place epoxy systems, or remove the ramp and replace it with new concrete and integrally attached tactile tile, when retro-fitting existing cured concrete ramps. Install tile so there are no vertical changes in grade exceeding 0.25 inch or horizontal gaps exceeding 0.5 inch. Align pattern on a square grid in the predominant direction of travel. Detectable warnings are made of composite materials, safety yellow color, slip resistant, with truncated dome pattern.

Detectable warnings shall be manufactured and installed in accordance with Americans with Disabilities Act Accessible Guideline.

608-4.01 METHOD OF MEASUREMENT. Delete "Curb Ramp" paragraph of subsection and replace with the following:

Curb Ramp. By each installation, complete in place, including detectable warnings, ramp runs, flares, and landings necessary to provide a single street-level access.

STANDARD MODIFICATION
E 13

06/30/04

SECTION 615

STANDARD SIGNS

615-2.01 MATERIALS. Under Item 2. Sign Fabrication, delete Items b. and c. and replace with the following:

- b. Railroad Crossbucks and Vertical Crossbuck Support Panels: Use 3M "Diamond Grade VIP", or approved equal.
 - c. Non-Illuminated Overhead Signs with White Legends on Green Backgrounds: Use 3M "Diamond Grade LDP" (Long Distance Performance) sheeting for legends on 3M "High Intensity" beaded background sheeting, or approved equal on sheet aluminum panels.
-

STANDARD MODIFICATION
E 14

06/30/04

SECTION 616

THAW PIPE AND THAW WIRES

616-2.01 THAW PIPE. Second sentence delete: "and Fittings"
Add the following sentence: Fittings ASTM A 234 galvanized per AASHTO M 111

STANDARD MODIFICATION
E 15

06/30/04

SECTION 641

EROSION, SEDIMENT, AND POLLUTION CONTROL

641-1.02 DEFINITIONS. Item 6. Delete "7" so sentence reads: Use EPA Form 3510-13.

STANDARD MODIFICATION
E 16

06/30/04

SECTION 643

TRAFFIC MAINTENANCE

643-3.04 TRAFFIC CONTROL DEVICES. *In the sixth paragraph and also in Item 4.b., delete: "ATTSA" and replace with: ATSSA (American Traffic Safety Services Association)*

**STANDARD MODIFICATION
E 17**

06/30/04

SECTION 707

METAL PIPE

Delete Subsection 707-2.07 and replace with the following:

707-2.07 GALVANIZED STEEL WATER CONDUIT. Meet the following:

Galvanized Pipe ASTM A 53 or ASTM A 120, galvanized per AASHTO M 111
Galvanized Fittings ASTM A 234 galvanized per AASHTO M 232

**SPECIAL PROVISION
ES 07**

06/30/04

SECTION 401

ASPHALT CONCRETE PAVEMENT

401-3.14 JOINTS. *Add the following paragraph:* Construct the minimum number of joints to ensure a continuous bond, texture, and smoothness between adjacent sections of the pavement. Paint the entire area of all longitudinal joints with a polymerized bituminous joint adhesive prior to placing the abutting panel. The modified joint adhesive material shall be Crafcoc Pavement Joint Adhesive No. 34524, or an approved equal. The joint surface preparation, temperature of adhesive, adhesive thickness, and adhesive application method shall be per manufacturer's recommendations.

**SPECIAL PROVISION
ES 08**

06/30/04

SECTION 102

BIDDING REQUIREMENTS AND CONDITIONS

102-1.01 QUALIFICATION OF BIDDERS. *After the last paragraph add the following paragraph:*
You must be registered as an Electrical Administrator, or must employ a person whose Electrical Administrator's license is assigned to you, under AS 08.40 at the time designated for bid opening.

**SPECIAL PROVISION
ES 09**

06/30/04

SECTION 103

AWARD AND EXECUTION OF CONTRACT

103-1.01 CONSIDERATION OF BIDS. *Add the following:*

In determination of the low bidder for state funded projects, a 5% bid preference will be given to Alaska bidders, as required under AS 36.30.170. "Alaska bidder" means a person who:

1. holds a current Alaska business license;
2. submits a bid for goods, services, or construction under the name as appearing on the person's current Alaska business license;
3. has maintained a place of business within the state staffed by the bidder or an employee of the bidder for a period of six months immediately preceding the date of the bid;
4. is incorporated or qualified to do business under the laws of the state, is a sole proprietorship, and the proprietor is a resident of the state or is a partnership, and all partners are residents of the state; and
5. if a joint venture, is composed entirely of ventures that qualify under 1. through 4., above.

Except for timber, lumber and manufactured lumber products used in the construction project under AS 36.30.322(b), an Alaska products preference will be given as required under AS 36.30.326 - 36.30.332 when the bidder designates the use of Alaska products. The bidder shall complete the Alaska Products Preference Worksheet, per its instructions, and submit it with his bid to indicate those Alaska products which are proposed for use. If the successful bidder/contractor proposes to use an Alaska product and does not do so, a penalty will be assessed against the successful bidder/contractor in an amount equal to the product preference percentage granted to the successful bidder/contractor plus one percent multiplied by the total declared value of the Alaska products proposed but not used.

**SPECIAL PROVISION
ES 10**

06/30/04

SECTION 103

AWARD AND EXECUTION OF CONTRACT

Add the following subsection:

103-1.11. ESCROW OF BID DOCUMENTATION. Furnish a legible copy of your bid documentation and an affidavit, as instructed in writing by the Contracting Officer. Bid documentation consists of written documentation of all quantity takeoffs, construction schedules on which the bid is based, cost estimates, rates of production and progress, assumptions, calculations, quotes from subcontractors and suppliers, and other information used to prepare your bid for this project.

Obtain and furnish the same level of bid documentation, for each subcontractor with a subcontract exceeding \$200,000, regardless of tier.

Meet the following requirements:

1. Submitting Bid Documentation. Place bid documentation in a sealed container clearly marked "Bid Documentation" and labeled with the bidder's name and address, submission date, and project name and number. Deliver the sealed container to the Department-designated document depository for safekeeping.
2. Affidavit. Submit directly to the Contracting Officer a signed and certified affidavit attesting that
 - a. the affiant has examined the bid documentation and that it includes all documents used to prepare the bid,

- b. the sealed container contains all bid documentation submitted,
 - c. the escrow materials were relied on to prepare the bid, and
 - d. should a dispute arise, the Contractor's rights to use bid preparation documentation other than those in escrow are waived.
3. Duration and Use. The bid documentation will remain in escrow, without access by either party, until one of the following occurs:
- a. There is a dispute related to Change Order. With a neutral observer present, both parties will have joint access to review and copy the files.
 - b. The Contractor files a written claim or initiates Contract-related litigation against the Department. With a neutral observer present, both parties will have joint access to review and copy the files.
 - c. The Contractor completes the Contract and the Department receives an executed Contractor's Release (Form 25D-117) with no exceptions listed. Such action is sufficient grounds for the Contractor to obtain the release and custody of the escrow documentation.
4. Failure to Provide Bid Documentation. Refusal or failure to provide your bid documentation or affidavit renders your bid nonresponsive. Failure or refusal to provide Subcontractor bid documentation, will result in subcontract disapproval.
5. Confidentiality of Bid Documentation. Materials held in escrow are your property. Except as otherwise provided herein, the escrow materials cannot be released without your approval. The original escrow materials are returned to you once any litigation is concluded, outstanding claims are resolved, and the final release is executed.
6. Cost and Escrow Instruction. The Department pays to store all escrowed materials and instructs the depository regarding escrow.
7. Payment. Include within the overall Contract bid price all costs to comply with this subsection.
-