

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
EQUIPMENT AND PROCUREMENT DIVISION
BID INVITATION**

Bid Number: Contract No. H-16-221J

BID OPENING LOCATION:
AHTD Equipment and
Procurement Division
11302 W. Baseline Road
Little Rock, AR 72209

MAIL TO:
AHTD Equipment and
Procurement Division
P.O. Box 2261
Little Rock, AR 72203

DELIVER TO:
AHTD Equipment and
Procurement Division
11302 W. Baseline Road
Little Rock, AR 72209

Bid Opening Date: September 1, 2015 Time: 11:00 a.m.

Sealed bids for furnishing the commodities and/or services described below, subject to the Conditions on page 2 this Bid Invitation will be received at the above-noted mail and delivery locations until the above-noted bid opening date and time, and then publicly opened at the above-noted bid opening location. **Bids must be submitted on this form, with attachments when appropriate, or bids will be rejected. Late bids and unsigned bids will not be considered.**

In compliance with this Bid Invitation and subject to all the Conditions thereof, the undersigned offers and agrees to furnish any and all items upon which prices are quoted, at the price set opposite each item.

Company Name: _____

Name (Type or Print): _____

Address: _____

Title: _____

Phone: _____ Fax: _____

City: _____ State: _____ Zip: _____

E-mail Address: _____

Federal Tax ID or Social Security No.: _____

Signature: _____

Signature must be legible original (not photocopied) and in ink.
Unsigned bids will be rejected.

Item No.	Description	Quantity	Unit	Unit Price	Amount
	<p align="center"><u>SNOW AND ICE CONTROL MATERIALS (SOLID)</u></p> <p>The Arkansas State Highway and Transportation Department (hereinafter called the Department) will receive sealed bids for furnishing requirements of <u>PRETREATED ROCK SALT, ROCK SALT & CALCIUM CHLORIDE</u> as specified herein with prices firm as set forth on the Bid Forms for the period from October 1, 2015 through March 31, 2016.</p> <p>FOB: Statewide as noted on Bid Forms.</p> <p>It shall be understood that the Bid Invitation, General Conditions, Bidder Information, Bid Forms, Bid Information and Specifications are an integral part of this bid and by this reference are incorporated herein as fully and effectively as if set forth in detail and; that by submission of bid, bidder agrees to these conditions and that all things shall be governed by the Laws of the State of Arkansas. Should there be a conflict between conditions printed on Page 2 of Invitation to Bid and other conditions stated with Bid Information and Specifications, the latter shall prevail.</p> <p>Pricing proposed shall be on a per-ton basis FOB – the specified delivery points. See Condition 9 on page 2 of Bid Invitation. Descriptive literature and detailed specifications of materials proposed should be submitted with bid. The information supplied must include a material safety data sheet as required by OSHA – 29 CFR 1910.1200. Samples may be required per Condition 10 on page 2.</p> <p>Bidder shall make deliveries in accordance with individual orders placed by the Department within ten (10) days after receipt of order. See Conditions 12 and 13 on page 2. Payment will be made on each individual order as promptly as possible after receipt of invoice from supplier.</p> <p>Bid Bond in the amount of \$500.00 required of all bidders at time of bid opening or bid will be rejected. <u>Personal and company checks are not acceptable as Bid Bonds.</u> See Condition 3 on page 2 of Bid Invitation. Performance Bond in an amount not to exceed \$2,000.00 will be required of successful bidder(s) prior to providing goods/services. <u>Personal and company checks are not acceptable as Performance Bonds.</u> See Condition 3 on page 2 of Bid Invitation.</p> <p>Bids and Specifications are available on-line by going to the AHTD Web Site – www.arkansashighways.com and clicking on “Commodities and Services Bids/Contracts Information”. Tabulations will also be available at this site within 72 hours after bid opening. If you have any questions, call this office at 501-569-2667.</p> <p>TWO SIGNED COPIES OF BID INVITATION, BID FORMS AND BIDDER INFORMATION MUST BE SUBMITTED.</p>				
07-01				TOTAL BID	

STANDARD BID CONDITIONS**H-16-221J**

1. **ACCEPTANCE AND REJECTION:** The Arkansas State Highway and Transportation Department (AHTD) reserves the right to reject any or all bids, to accept bids in whole or in part (unless otherwise indicated by bidder), to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications where efficiency of operation will not be impaired, and to award bids to best serve the interest of the State.
2. **PRICES:** Unless otherwise stated in the Bid Invitation, the following will apply: (1) unit prices shall be bid, (2) prices should be stated in units of quantity specified (feet, each, lbs., etc.), (3) prices must be F.O.B. destination specified in bid, (4) prices must be firm and not subject to escalation, (5) bid must be firm for acceptance for 30 days from bid opening date. In case of errors in extension, unit prices shall govern. Discounts from bid price will not be considered in making awards.
3. **BID BONDS AND PERFORMANCE BONDS:** If required, a **Bid Bond** in the form of a cashier's check, certified check, or surety bond issued by a surety company, in an amount stated in the Bid Invitation, must accompany bid. **Personal and company checks are not acceptable as Bid Bonds.** Failure to submit a Bid Bond as required will cause a bid to be rejected. The Bid Bond will be forfeited as liquidated damages if the successful bidder fails to provide a required Performance Bond within the period stipulated by AHTD or fails to honor their bid. When a bidder claims and can show clear and convincing evidence that a material mistake was made in the bid and was not the bid intended, the bidder may be permitted to withdraw their bid prior to award without forfeiture of bid bond. Cashier's checks and certified checks submitted as Bid Bonds will be returned to unsuccessful bidders; surety bonds will be retained. The successful bidder will be required to furnish a **Performance Bond** in an amount stated in the Bid Invitation and in the form of a cashier's check, certified check, or surety bond issued by a surety company, unless otherwise stated in the Bid Invitation, as a guarantee of delivery of goods/services in accordance with the specifications and within the time established in the bid. **Personal and company checks are not acceptable as Performance Bonds.** In some cases, a cashier's check or certified check submitted as a Bid Bond will be held as the Performance Bond of the successful bidder. Cashier's checks or certified checks submitted as Performance Bonds will be refunded shortly after payment has been made to the successful bidder for completion of all terms of the bid; surety bonds will be retained. Surety bonds must be issued by a surety company authorized to do business in Arkansas, and must be signed by a Resident Local Agent licensed by the Arkansas State Insurance Commissioner to represent that surety company. Resident Agent's Power-of-Attorney must accompany the surety bond. Certain bids involving labor will require Performance Bonds in the form of surety bonds only (no checks of any kind allowed). These bonds shall not only serve to guarantee the completion of the work, but also to guarantee the excellence of both workmanship and material until the work is finally accepted and the provisions of the Plans, Specifications, and Special Provisions fulfilled. In such cases, the company issuing the surety bond must comply with all stipulations herein and must be named in the U. S. Treasury listing of companies holding Certificates of Authority as acceptable sureties on Federal Bonds and as acceptable reinsuring companies. Any excess between the face amount of the bond and the underwriting limitation of the bonding company shall be protected by reinsurance provided by an acceptable reinsuring company. Annual Bid and Performance Bonds on file with E & P Division must have sufficient unencumbered funds to meet current bonding requirements, or the bid will be rejected, unless the balance is submitted as set forth above, prior to bid opening.
4. **TAXES:** The AHTD is not exempt from Arkansas State Sales and Use Taxes, or local option city/county sales taxes, when applicable, and bidders are responsible to the State Revenue Department for such taxes. These taxes should not be included in bid prices, but where required by law, will be paid by the AHTD as an addition thereto, and should be added to the billing to the AHTD. The AHTD is exempt from Federal Excise Taxes on all commodities except motor fuels; and excise taxes should not be included in bid prices except for motor fuels. Where applicable, tax exemption certificates will be furnished by the AHTD.
5. **"ALL OR NONE" BIDS:** Bidders who wish to bid "All or None" on two or more items shall so stipulate on the face of bid sheet; otherwise, bid may be awarded on an individual item basis.
6. **SPECIFICATIONS:** Complete specifications should be attached for any substitution or alternate offered, or where amplification is necessary. Bidder's name must be placed on all attachments to the bid.
7. **EXCEPTIONS TO SPECIFICATIONS:** Any exceptions to the bid specifications must be stated in the bid. Any exceptions to manufacturer's published literature must be stated in the bid, or it will be assumed that bidder is bidding exactly as stated in the literature.
8. **BRAND NAME REFERENCES:** All brand name references in bid specifications refer to that commodity or its equivalent, unless otherwise stated in Bid Invitation. Bidder should state brand or trade name of item being bid, if such name exists.
9. **FREIGHT:** All freight charges should be included in bid price. Any change in common carrier rates authorized by the Interstate Commerce Commission will be adjusted if such change occurs after the bid opening date. Receipted common carrier bills that reflect ICC authorized rate changes must be furnished.
10. **SAMPLES, LITERATURE, DEMONSTRATIONS:** Samples and technical literature must be provided free of any charge within 14 days of AHTD request, and free demonstrations within 30 days, unless AHTD extends time. Failure to provide as requested within this period may cause bid to be rejected. Samples, literature and demonstrations must be substantially the same as the item(s) being bid, unless otherwise agreed to by AHTD. Samples that are not destroyed will be returned upon request at bidder's expense. Samples from successful bidders may be retained for comparison with items actually furnished.
11. **GUARANTY:** Unless otherwise indicated in Bid Invitation, it is understood and agreed that any item offered or shipped on this bid shall be newly manufactured, latest model and design, and in first class condition; and that all containers shall be new, suitable for storage or shipment and in compliance with all applicable laws relating to construction, packaging, labeling and registration.
12. **BACKORDERS OR DELAY IN DELIVERY:** Backorders or failure to deliver within the time required may constitute default. Vendor must give written notice to the AHTD, as soon as possible, of the reason for any delay and the expected delivery date. The AHTD has the right to extend delivery if reasons appear valid. If reason or delivery date is not acceptable, vendor is in default.
13. **DEFAULT:** All commodities furnished will be subject to inspection and acceptance by AHTD after delivery. Default in promised delivery or failure to meet specifications authorizes the AHTD to cancel award or any portion of same, to reasonably purchase commodities or services elsewhere and to charge full increase, if any, in cost and handling to defaulting vendor. Applicable bonds may be forfeited.
14. **ETHICS:** *"It shall be a breach of ethical standards for a person to be retained, or to retain a person, to solicit or secure a State contract upon an agreement of understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies maintained by the contractor for the purpose of securing business."* (Arkansas Code, Annotated, Section 19-11-708).

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

NOTICE OF NONDISCRIMINATION

The Arkansas State Highway and Transportation Department (Department) complies with all civil rights provisions of federal statutes and related authorities that prohibit discrimination in programs and activities receiving federal financial assistance. Therefore, the Department does not discriminate on the basis of race, sex, color, age, national origin, religion or disability, in the admission, access to and treatment in the Department's programs and activities, as well as the Department's hiring or employment practices. Complaints of alleged discrimination and inquiries regarding the Department's nondiscrimination policies may be directed to Joanna P. McFadden - Section Head - EEO/DBE (ADA/504/Title VI Coordinator), P. O. Box 2261, Little Rock, AR 72203, (501) 569-2298, (Voice/TTY 711), or the following email address:

joanna.mcfadden@arkansashighways.com.

Free language assistance for Limited English Proficient individuals is available upon request.

This notice is available from the ADA/504/Title VI Coordinator in large print, on audiotape and in Braille.

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
 SUPPLY CONTRACT NO. H-16-221J
 SNOW AND ICE CONTROL MATERIALS**

BIDDER INFORMATION

BIDDER _____

The following materials are used by the Department as a part of the Snow and Ice Control Program. Bidders are requested to note the information needed by filling in the blanks noted below.

Item No. - Material _____ Shipping/Delivery Information _____

1. ROCK SALT - ON PALLETS - 50 LB BAGS Minimum Truck Load _____ Tons
 Bagged Rock Salt shall be delivered **pretreated** 40 Bags per pallet
with BEET 55-C, or equivalent, (Specification Attached)
 in 50 LB Bags on pallets by Flat Bed Truck.

2. ROCK SALT - BULK Minimum Truck Load _____ Tons
 Bulk Rock Salt shall be delivered **prewetted**
with BEET 55-C, or equivalent, (Specification Attached)
 by END DUMP TRUCK OR AUGER (if necessary),
 placed in storage bin, buildings or on the ground as directed.
 Bottom dump truck delivery will not be accepted.

Producer: _____ Supply Location: _____

3. ROCK SALT - ON PALLETS - 50 LB BAGS Minimum Truck Load _____ Tons
 by Flat Bed Truck. 40 Bags per pallet

4. ROCK SALT - BULK Minimum Truck Load _____ Tons
 Bulk Rock Salt shall be delivered by END DUMP TRUCK OR
 AUGER (if necessary), placed in storage bin, buildings or on
 the ground as directed. Bottom dump truck delivery will not be accepted.

Producer: _____ Supply Location: _____

5. CALCIUM CHLORIDE - BAGGED Minimum Truck Load _____ Tons
 (TYPE 2)

Producer: _____ Supply Location: _____

TERMS: PRICING PROPOSED SUBJECT TO DISCOUNT OF _____% - _____ DAYS.

Bidders are requested to note contact person and telephone number (WATS line if available) and "fax" number to place orders.

(1) Company Name _____ Contact _____

Address _____ Telephone _____

_____ "Fax" _____

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
SUPPLY CONTRACT NO. H-16-221J - SNOW AND ICE CONTROL MATERIALS**

BID INFORMATION

Page 1 of 2 Pages

1. The Arkansas State Highway and Transportation Department (hereinafter called the Department) will receive sealed bids for furnishing requirements of Snow and Ice Control Materials as noted in the attached bid.
2. Bids shall be submitted on the form furnished herewith and must include descriptive literature, etc. requested on the Bid Invitation. Bid envelope shall be sealed and marked so as to clearly indicate contents and will be received at the locations as noted on the Bid Invitation. Bids received after date and hour set for opening will be returned unopened to the bidder.
3. A bid may be withdrawn, modified, or corrected by the bidder after it has been submitted, provided written request to do so is filed with Equipment and Procurement Division prior to the hour set for opening bids. Telegrams or letters received before hour set for opening bids will be accepted and attached to the unopened bid, and the bid will be considered withdrawn, modified, corrected accordingly. No bid may be withdrawn, modified, corrected, or otherwise changed after the hour set for opening bids.
4. By submission of bid, bidder agrees to all conditions contained herein and if bid is found acceptable, either in whole or in part, by the Highway Department, shall consider this bid a contract agreement bound under these Conditions; and further, the parties hereto agree that this contract in all things shall be governed by the Laws of the State of Arkansas.
5. A bidder whose bid is found acceptable shall properly execute a Performance Bond as may be required to Equipment and Procurement Division of the Department within fourteen (14) days after notice of award. No bid shall be considered binding upon the Department until the contract has been awarded, and until the successful bidder(s) have executed and filed a satisfactory bond. Failure to execute and file the bond within fourteen (14) days shall be cause for the annulment of the award.
6. Materials proposed and furnished must meet the specifications as set forth, and it shall be understood that the material will be furnished on individual orders as needed during the period of the contract. The Department is not obligated to purchase any specific quantities or to make purchase at any specific time. Approximate Usage for Salt from October 2014 thru March 2015, Bulk Salt – 40,095 CY and Bagged Salt – 21,308 Bags - FOB: Statewide.

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
SUPPLY CONTRACT NO. H-16-221J - SNOW AND ICE CONTROL MATERIALS**

BID INFORMATION

Page 2 of 2 Pages

7. The successful bidder(s) shall make all deliveries in accordance with individual orders placed by stockroom supervisors of each district within ten (10) days after notice by telephone.
8. In the event the successful bidder finds that he will be unable to supply all items noted on an individual order within 10 days, he shall immediately notify the Stockroom Supervisor, and in such event the Department shall have the right to purchase the item (or items) under separate purchasing procedures with the option of holding the contract vendor responsible for any excess cost of the item(s).
9. Invoicing information noted on the Bid Forms is intended to aid the supplier and the Department. Payment will be made on each individual order as promptly as possible after receipt of invoice. Invoices mailed to the Central Office location in Little Rock will cause delay.
10. In the event of unsatisfactory delivery and/or material furnished, the Department reserves the right to cancel this contract upon giving to the vendor fifteen (15) days notice of its intention to terminate the contract. Upon the giving of such notice, the contract shall automatically terminate as of the date in said notice. Otherwise, the prices bid shall remain in effect for the contract period.
11. Cooperative Purchasing: Procedures are being developed to permit other tax-supported entities* in Arkansas (cities, counties, state agencies, school districts, etc.) to purchase from this Contract on an individual basis under the same specifications and conditions, and at the pricing set forth by each vendor, all at the discretion of each vendor in each case. Prices could be reduced by a vendor for minor alterations in conditions (changing minimum order quantities, etc.) as agreed by both parties, but could not be raised above the contract bid price under any circumstances. Vendors would not be required to sell to any such entity under this Contract, and those entities would not be obligated to purchase from the Contract.

Should these procedures be approved during the term of this contract, each entity wishing to purchase from the Contract would make contact directly with the appropriate vendor(s). The Highway Department would remain “out of the loop” for such transactions: all contact, orders, invoices, payments, etc. regarding such transactions must take place exclusively between the tax-supported entity and the vendor. The Department would be held harmless of any and all liability arising from such transactions.

*Tax-supported entities are defined as those receiving more than half of total funding from appropriated tax funds.

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
SPECIFICATIONS
FOR ROCK SALT (PRETREATED)**

1. **SCOPE.** These specifications cover rock salt for ice removal.
2. **DESCRIPTION.** Rock salt used for ice removal shall be produced by crushing natural deposits of sodium chloride. Material produced by recrystallization of salt solutions will not be accepted.
3. **PRETREATING.** Rock salt shall be pretreated with a Pacific Northwest Snowfighters (PNS) Approved high performance accelerator and corrosion inhibitor produced from beet sugars at a rate of 6 to 8 gallons per ton of salt.
4. **CHEMICAL COMPOSITION.** The rock salt shall conform to the following requirements as to chemical composition:

Sodium chloride (as NaCl),	
Minimum percent	95.0%

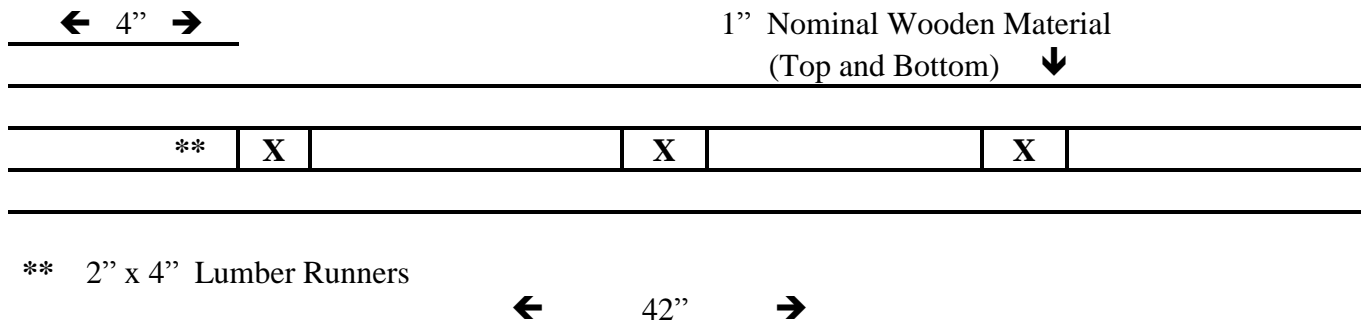
5. **GRADING.** The rock salt shall conform to the following gradation requirements as determined by laboratory sieves (U.S. Standard Sieve Series):

<u>Sieve Designation</u>	<u>Percent Passing</u>
3/8 inch	100
No. 4	85-100
No. 8	15-35
No. 30	0-15

6. **PACKAGING AND MARKING.** The rock salt shall be delivered in bags or sacks containing not more than 50 pounds each or in bulk when requested. When delivery is made in bags or sacks, the name of the manufacturer and net weight shall be legibly marked on each container. The percentage of sodium chloride guaranteed by the manufacturer shall be noted on the shipping report or legibly marked on the containers. Bagged rock salt shall be furnished in 50 lb. moisture proofed bags securely fastened on portable wooden 40" x 42" pallets. The pallets shall be double-faced with three (3) 2" x 4" lumber runners. The outside runners shall be 4" from the end with a third runner in the center.

The bags shall be stacked 40 sacks per pallet (eight (8) to a layer and five (5) layers high).

The pallets shall be shrink wrapped with a minimum of 5 mil plastic using the heat method.



When delivery is by bulk, the manufacturer shall furnish certified analysis giving sodium chloride content of the rock salt furnished.

7. **SAMPLING AND TESTING.** The rock salt shall be sampled and tested in accordance with AASHTO M 143 and AASHTO T 27. If the material is sampled after delivery, it is understood that a 0.5 percent (%) variation in content of sodium chloride from the chemical composition prescribed in Section 4 shall be permissible.
8. **REJECTION.** The rock salt may be rejected if it fails to conform to any of the requirements of these specifications. The material shall be rejected if not received in a free flowing usable condition.

BEET 55[®]-C

BEET 55[®]-C is a Pacific Northwest Snowfighters (PNS) Approved high performance natural accelerator and corrosion inhibitor produced from beet sugars. A unique advantage of BEET 55[®]-C is that it reduces the total Chloride burden from winter road maintenance operations by at least 30%. This protects aquifers from Chloride infiltration and protects sensitive vegetation. It also enhance the melting performance of salt or brines and exceeds the PNS Corrosion requirement for inhibitors providing greater than 70% reduction in corrosion rate to mild steel when used as directed. It is environmentally safe and completely biodegradable. BEET 55[®]-C is non-staining, pet-safe and will not harm concrete. Spills and inadvertent exposure can be readily rinsed away with soap and water.

Specifications for BEET 55[®]-C

Appearance	Free-flowing brown liquid
Odor	Slight molasses sweetness (tootsie roll smell)
Corrosion Rate	>70% less corrosive than NaCl alone when mixed with NaCl
Specific Gravity	1.26 – 1.31
Solids	54 – 61 % by weight
pH	6.0 – 11.0
Freeze Point	≤ -21.5° C / -6.7° F
PNS	PNS Approved with up to 15% Chloride blend
Chlorides	Southern Region (Arkansas): < 9% total Chlorides in concentrated form

BEET 55[®]-C is designed to remain flowable and store at a minimum of 0° F and as low as -15° F without freezing. If the product is stored for more than 30 days before blending with salt brine, tank circulation is recommended to assure uniform performance. Some viscosity increase is normal at low temperatures.

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
SPECIFICATIONS

for
CALCIUM CHLORIDE

September 25, 1961
Revised June 1985
Revised 7/20/89

1. SCOPE. These specifications cover calcium chloride to be used for dust laying, stabilization, ice removal, and other road conditioning purposes.

2. TYPES. Two types of calcium chloride are covered as follows:

Type 1 - Regular flake calcium chloride.

Type 2 - Concentrated flake, pellet or other granular calcium chloride.

3. CHEMICAL COMPOSITION. The calcium chloride shall conform to the following requirements as to chemical composition:

	<u>Type 1</u>	<u>Type 2</u>
Ca C12, Minimum percent.....	77.0	90.0
Total alkali chlorides (as NaCl), Maximum percent.....	2.0	5.0
Total magnesium (as Mg C12), Maximum percent.....	0.5	0.5
Other impurities (not including water) Maximum percent.....	1.0	1.0

4. GRADING. The calcium chloride shall conform to the following requirements for particle size, when tested by means of Laboratory sieves: (U.S. Standard Sieve Series)

<u>Sieve</u>	<u>Percent Passing</u>
3/8 inch	100
No. 4	80 Min.
No. 20	10 Max.

5. PACKAGING AND MARKING. The calcium chloride shall be delivered in moistureproof bags containing not more than 80 pounds each. The name of the manufacturer, name of the product, net weight, and percentage of calcium chloride guaranteed by the manufacturer shall be legibly marked on each container. Bags shall be delivered dry and intact.

6. SAMPLING AND TESTING. The calcium chloride shall be sampled and tested in accordance with A.A.S.H.O. Method T 143. If the material is sampled after delivery, a 3 percent variation in content of CaC12 from that marked on each container as required in Sections 3 and 5 will be permissible.

7. REJECTION. The calcium chloride may be rejected if it fails to conform to any of the requirements of these specifications or if it has become caked or sticky in shipment.

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
SPECIFICATIONS
FOR
ROCK SALT**

2-27-2008

1. **Scope.** These specifications cover rock salt for ice removal.
2. **DESCRIPTION.** Rock salt used for ice removal shall be produced by crushing natural deposits of sodium chloride. Material produced by recrystallization of salt solutions will not be accepted.
3. **CHEMICAL COMPOSITION.** The rock salt shall conform to the following requirements as to chemical composition:

Sodium chloride (as NaCl),	
Minimum percent	95.0%

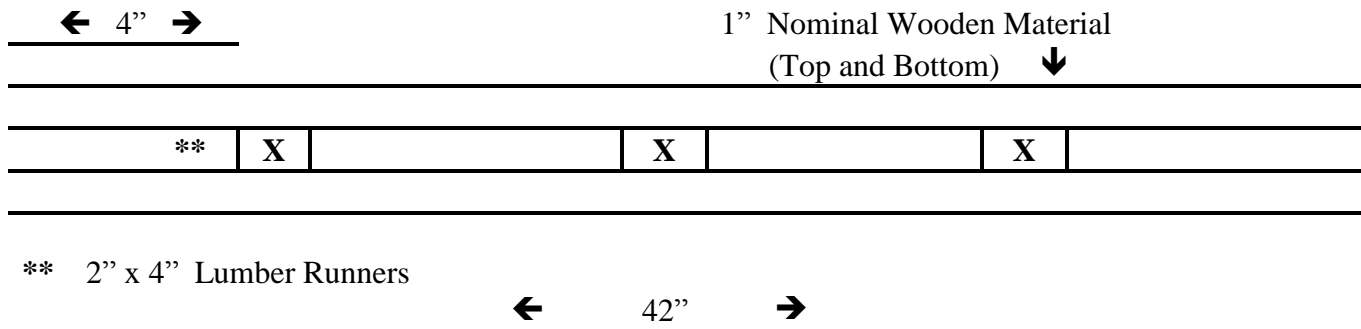
4. **GRADING.** The rock salt shall conform to the following gradation requirements as determined by laboratory sieves (U.S. Standard Sieve Series):

<u>Sieve Designation</u>	<u>Percent Passing</u>
3/8 inch	100
No. 4	85-100
No. 8	15-35
No. 30	0-15

5. **PACKAGING AND MARKING.** The rock salt shall be delivered in bags or sacks containing not more than 50 pounds each or in bulk when requested. When delivery is made in bags or sacks, the name of the manufacturer and net weight shall be legibly marked on each container. The percentage of sodium chloride guaranteed by the manufacturer shall be noted on the shipping report or legibly marked on the containers. Bagged rock salt shall be furnished in 50 lb. moisture proofed bags securely fastened on portable wooden 40" x 42" pallets. The pallets shall be double-faced with three (3) 2" x 4" lumber runners. The outside runners shall be 4" from the end with a third runner in the center.

The bags shall be stacked 40 sacks per pallet (eight (8) to a layer and five (5) layers high).

The pallets shall be shrink wrapped with a minimum of 5 mil plastic using the heat method.



When delivery is by bulk, the manufacturer shall furnish certified analysis giving sodium chloride content of the rock salt furnished.

6. **SAMPLING AND TESTING.** The rock salt shall be sample and tested in accordance with AASHTO M 143 and AASHTO T 27. If the material is sampled after delivery, it is understood that a 0.5 percent (%) variation in content of sodium chloride from the chemical composition prescribed in Section 3 shall be permissible.
7. **REJECTION.** The rock salt may be rejected if it fails to conform to any of the requirements of these specifications. The material shall be rejected if not received in a free flowing usable condition.