



MT. CHARLESTON TOWN ADVISORY BOARD

NOTICE OF PUBLIC MEETING



MINUTES

Date: Thursday, April 28, 2016

Time: 7:00 pm

Location: Mt. Charleston Library, 75 Ski Chalet Place, Mt. Charleston, NV 89124

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Mt. Charleston Library is accessible to individuals with disabilities. With forty-eight (48) hour advance request, a sign language interpreter may be made available by calling 702-455-3530 or TDD 702-385-7486 or Relay Nevada toll free 800-326-6868, TD/TDD
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POSTING LOCATIONS

Mt. Charleston Library
Mt. Charleston Lodge
Old Town Bulletin Board
Whispering Pines Bulletin Board
Sandy Siebrecht - Secretary

BOARD MEMBERS

Mike McGroarty – Vice Chair
Curtis Alexander
Michelle French
Dennis Lovell

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Website: www.clarkcountynv.gov
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CALL TO ORDER – The meeting was called to order at 7:00pm

PLEDGE OF ALLEGIANCE – The Pledge of Allegiance was recited

PROCEDURES & CONDUCT - The meeting was posted in conformance with the Nevada Open Meeting Law.

PUBLIC COMMENT - None

This is a period devoted to comment by the general public about items on this agenda. If you wish to speak to the Board about items within its jurisdiction but not appearing on this agenda, you must wait until the “Public Comments” period listed at the end of this agenda. Comments will be limited to three minutes. Please step to the front of the room to address the Board, clearly state your name and address and please spell your last name for the record. If any member of the Board wishes to extend the length of a presentation, this will be done by the Chair or the Board by majority vote. Individuals using this period to comment on a specific agenda item may not have the opportunity to comment on the same item later in the meeting. Public comment on individual agenda items will be taken after presentation of the item and discussion by the Board.

REGULAR BUSINESS

1. Introduction of the Town Board
2. Approval of the agenda for **April 28, 2016.** – **Dennis Lovell** motioned, the Board voted unanimously to approve the agenda.
3. Approval of the minutes for **March 31, 2016.** - **Michelle French** motioned, the Board voted unanimously to approve the minutes
4. **Receive a report regarding the use and storage of dumpsters in residential areas.** – This item was postponed to a future meeting due to a scheduling conflict.

5. **Receive a report from Tracy Cline regarding Verizon Wireless Services – Tracy Cline** of Spectrum Services explained that in the next 30 to 60 days the community should see a major improvement in Verizon coverage due to a new microwave dish that is currently being installed on the Verizon tower at the Lodge which will replace the copper wire circuits and immensely improve the capacity of the service. Several residents expressed their frustration with the service in the last 3 months and the lack of customer service from Verizon. They have been told by customer service that Verizon will let them out of their contract without early termination fees but several do not want to leave Verizon due to the good coverage in other areas. Customers would like to see credits on their bills due to lack of service in the past 3 months. Several residents said the service has been good for the past 15 years, minus the last 3 months, and they are just wondering what happened. **Mike McGroarty** asked Mr. Cline if he would be willing to come back in 3 months to review service on the mountain to make sure these new changes are completed and improving cellular service and he said that he would come back. **Meggan Holzer** will get a list of residents with coverage issues and work with Mr. Cline to see if they can find a resolution for the residents and inform the Verizon engineers of these recent coverage problems.
6. **Representatives from Clark County Public Works and NDOT to discuss winter roadway procedures and materials – Angelo Santovito**, Road Division Manager for Clark County Public Works, presented a handout explaining the Mount Charleston de-icing practices, past and present (see attached). He stated that they do a lot of research to determine the most environmentally safe and cost effective way to get the ice off the road and keep the residents safe. The current product they have been using since 2010, IceSlicer, is also used by NDOT, Lake Tahoe, Colorado, Oregon, and Idaho. It has also been approved by the US Forest Service. Since they started using the IceSlicer product, accidents have been reduced by at least 50% on the mountain. Some residents expressed their dislike for the use of salt products on the roadway as they feel it is causing the trees next to the roadway to die. Mr. Santovito pointed out that his department services the roads within the residential subdivisions and that NDOT is responsible for the highways. Curtis Alexander added that he has been on the mountain since 1996 and at that time, the trees weren't dying, but they did have people sliding off the road; since 2010, that doesn't happen anymore but he has noticed trees are dying, so it is a tradeoff. Fire Chief Dave Martin feels that the decrease in accidents is a combination of the IceSlicer and Metro/NHP's efforts. Dennis Lovell pointed out that there used to be a harvest of 50 to 60 trees every fall, but that hasn't happened for 15 years, so we have a surplus of trees that need to be removed. He was involved with the recent removal of trees in the NDOT right-of-way, and there were quite a few that had beetles in them. He feels the salt is not the primary cause of the dead trees, the beetles caused a majority. Tom Padden feels that the salt is weakening the trees causing the beetles to attack them. He wants to get some experts together and organize a workshop on this issue. He also brought up the possibility that the salt is leeching into water wells in the area. Dennis Lovell stated that before he left the water district, he checked into this and it was not an issue at that time. **Kevin Killian, Supervisor for NDOT**, said that they need to melt the ice and just using sand does not melt the ice; Salt melts the ice. He also added that using cinders creates an air quality issue. With the IceSlicer, they use about an 1/8th of what they used when using the old salt/sand combination and it aids in getting the roads cleared for driving much quicker after a storm. During the recent removal of the dead hazard trees in the right-of-way, NDOT had a biologist on site and they inspect each tree that is cut down to determine the cause of deterioration; 95% of the 125 trees removed so far have been due to beetle infestation. Tom Padden disagreed with these figures. Josh Bowers asked if there is anything that can be done about the snow that is blown into his yard which is killing his trees due to the salt in the IceSlicer and was told that because of the tight quarters in the subdivisions, they really don't have a choice as to where they put the snow from plowing the roads. Mr. Santovito added that icy roads also create a problem for emergency vehicles in the residential areas, so they need the roads to be safe so that Metro or the Fire Department can respond if an emergency arises. Mr. Killian advised that NDOT has a "black asphalt policy" on HWY 158, 156, and 157 in which the highways have to be completely cleared. The County's policy on the residential roads is more minimal; they plow and put the IceSlicer down and that's it. Both Angelo and Kevin said that they are always open to suggestions for other viable solutions on this issue.

7. **Clark County Commissioner Larry Brown to give community update:** This item was cancelled

PLANNING AND ZONING - None

AGENCY & STAFF REPORTS

1. **Las Vegas Metropolitan Police Dept.** – Sergeant Chris O’Brien informed all that he will be returning to the Valley as an investigator, taking over the detective squad. He thanked the community for their support. Sergeant Matt Marlow, also in attendance, was selected to take his place. He is an army veteran, has investigative experience and has been with Metro for about 18 years. The transfer will take place on May 7th, 2016. Sgt O’Brien said that the last month has been pretty quiet; A little disturbance with scooters in the Rainbow area that they are following up on.
2. **Clark County Fire Dept.** – Chief Larry Haydu reported that they are making progress on the transition with the VFD and MCFD. They just got done with swift water training to get teams recertified for the monsoon season and also working on wildland recertification.
3. **Mt. Charleston Fire District** – Chief Jorge Gonzalez reported 5 calls for service in the last reporting period. He introduced Jennifer Delgado who started Feb 1st on B shift. Tony Brown is also a new hire and will start on May 9th. They are also hiring seasonal staff starting May 23rd at the Lee Canyon Station. Type I Engine should be back in service soon and the Type III is back in service. There will be a half marathon on May 1st organized by BLM and the US Forest Service at the Visitor’s Center and will be off the road and will not impact HWY 157. The following weekend, May 7th, will be the Revel Marathon that was discussed at last month’s meeting. Please be aware of road restrictions during this time.
4. **Las Vegas Valley Water District** – Michael Weintz – No Report
5. **Mt. Charleston Volunteer Fire Dept.** – Chief Dave Martin reported that the volunteers were on 4 of the 5 calls that the MCFD responded to and accompanied one AMR transport and they transported a second patient also. He also discussed the free Wildland Fire Assessment Program that will be held at the library on May 21st and is open to all (see attached). The Pine Needle Pick-up will be Saturday, June 4th and includes a BBQ. Meggan Holzer will look into getting the dumpsters for this.
6. **Metro Volunteer Program** – Lauren Olson – No Report
7. **Nevada Highway Patrol** – Sergeant Tom Higgins – No Report
8. **Clark County Administrative Services – Meggan Holzer** introduced her grandson, Dominic, who was with her for “Take your child to work day”. The Board of County Commissioners (BCC) approved the TAB’s recommendations for the License Plate grants and the next step, at a future BCC meeting, will be approving the contracts at which point the funds will be available. The Revel Marathon group will donate \$4000 to the community; half will go to the Lundy School and half will go to the Volunteer Fire Department. **Curtis Alexander** had sent her a request for repainting a crosswalk that has faded and she said that a work order has been created. Regarding the CC&R issues that were brought up at last month’s meeting in relation to the chickens; she informed the audience that because the CC&R’s are private civil matters and not enforced by Clark County, our DA has asked her not to discuss specifics. She has copies of the subdivision CC&R’s for people to look at if needed. Residents requested some signage corrections and pothole repairs. She also requested for residents to email her a photo with a correction request in the future, to help expedite repairs.
9. **United States Forest Service** – Donn Christensen – No Report – **Michael McGroarty** asked if Meggan could follow up and see if he can come to future meetings.
10. **Mt. Charleston Task Force** –Michelle French – No Report
11. **Nevada Department of Transportation** – Glenn Rogers – No Report
12. **Other Agencies**

TOWN ADVISORY BOARD COMMITTEE CHAIR REPORTS

1. **Roads** – Curtis Alexander – covered in previous conversations
2. **Commercial Development**- this report to be removed from future agendas per Board direction
3. **Public Response** – Mike McGroarty – No Report
4. **Kyle Canyon Water District** – Dennis Lovell reported that LVVWD will change the sign from Critical to Concerned on Monday. We have received 23’ of water run off this year so that’s good.

5. **Fire Protection District** –Michael McGroarty – No Report
6. **License Plate** – Curtis Alexander – covered in previous conversations

CORRESPONDENCE - None

BOARD DISCUSSION - None

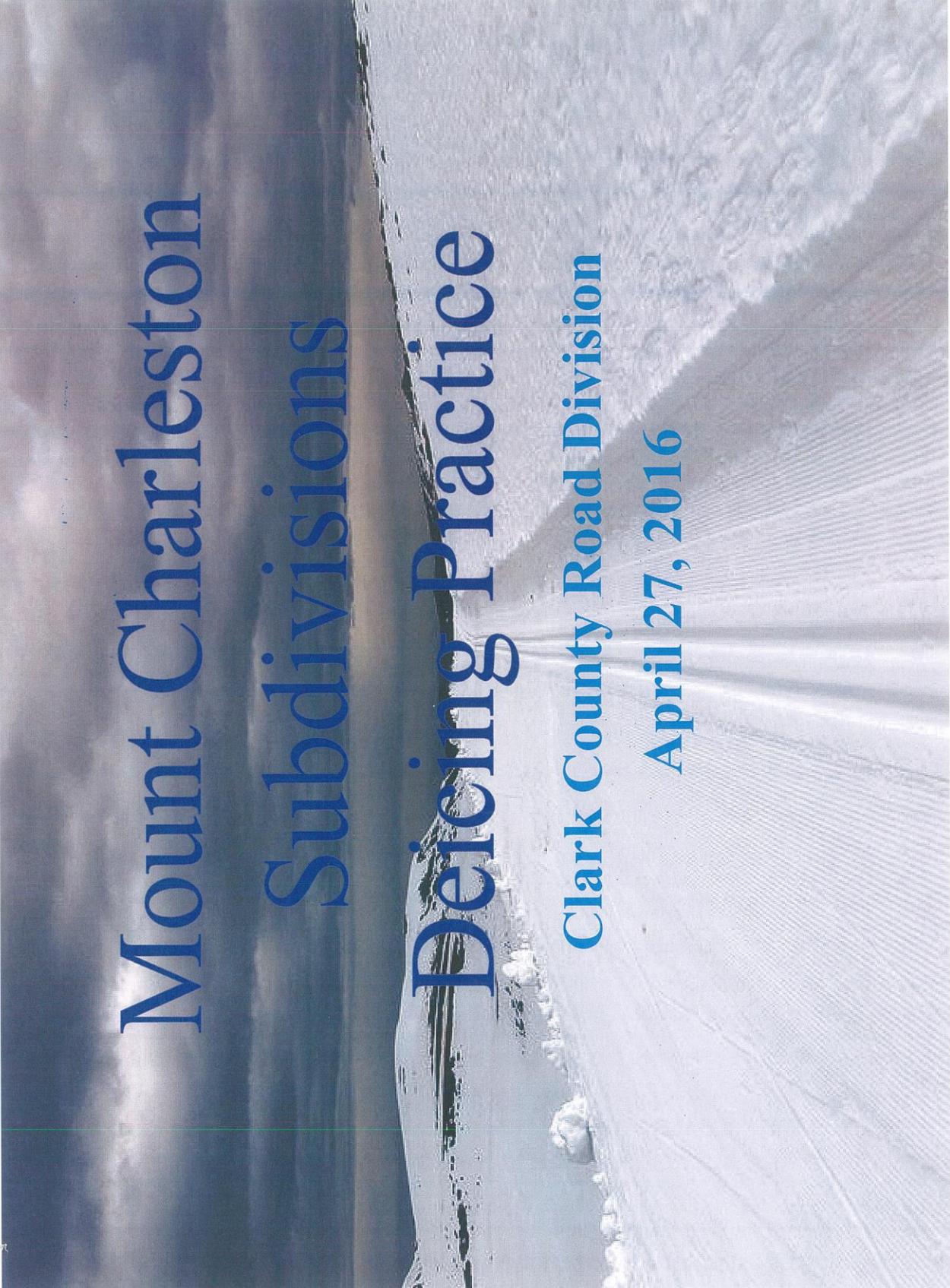
PUBLIC COMMENTS – An audience member asked who the new TAB Chair is due to Becky Grismanauskas' resignation, so Michael McGroarty asked if we could see what the procedure is and appoint chair and vice-chair at next meeting.

NEXT MEETING DATE

The next regular meeting will be **Thursday, June 2, 2016.**

ADJOURNMENT – Meeting adjourned at 9:00pm

Please scroll down for attachments



Mount Charleston Subdivisions Deicing Practice

Clark County Road Division

April 27, 2016

Past Practice for Deicing

- Prior to 2009 – Used a 4:1 ratio combination of sand and salt by volume
- One year we used a combination of sand and cinders, but halfway through the year, we added salt to the mixture because it wasn't melting ice
- 2010 to Present – Use IceSlicer and Liquid MeltDown Apex
- Our practice shows we use approximately 1/3 as much for a storm event compared to just a sand/salt mixture.
- Huge reduction in the amount of accidents since implementing the use of the IceSlicer.

IceSlicer

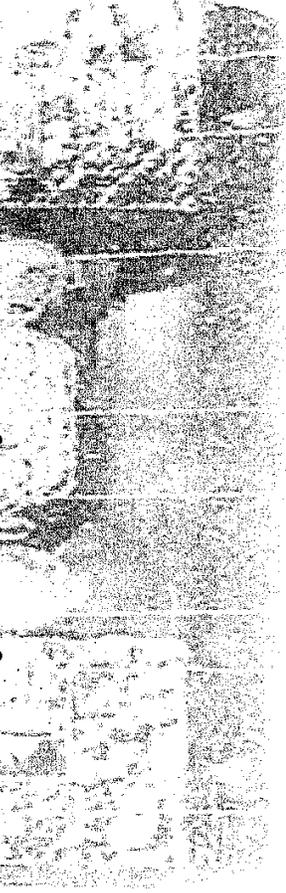
- IceSlicer is a line of environmentally friendly, high-performance granular de-icing products used to break the bonds of snow and ice from roadways, walkways, driveways, and parking lots
- Also used by NDOT, other DOT's
- It's been approved by the Forest Service.

IceSlicer

- Approved by OMRI (Organic Materials Review Institute)
- Composition consists of:
 - Sodium Chloride: 90 -98%
 - Magnesium Chloride: 0.06% – 0.20%
 - Potassium Chloride: 0.03% - 0.20%
 - Calcium Chloride: 0.30% - 1.40%
- Melts ice as low as 5° F

MeltDown Apex

- Liquid that is sprayed unto roadway
- Used prior to storm to act as a barrier between the road surface and freezing ice
- Makes it easier to remove the ice from the roadway
- Environmentally friendly, no sodium



MeltDown Apex

- Composition:
 - Magnesium Chloride: 25% - 35%
 - Water: 65% - 75%
- Product is active to 12° F and will not refreeze until -8° F

Other Products on the Market

- Beet Juice
- CMA (Calcium Magnesium Acetate)
- Brine
- Cheese Brine – Wisconsin
- Fracking Waste Water – New York Area
- Ashes/Cinders
- Solar Roadways – Still in Development

Beet Juice

- Commonly mixed with salt products to enhance melting capabilities down to -17° F.
- It reduces the amount of salt used by approximately 1/3.
- Unpleasant Odor
- Very cost competitive
- Leaves an odor
- Stains

CMA

- Has no sodium – it's calcium magnesium acetate
- Non-corrosive – was developed for bridges
- It is very expensive
- Works best above 20° F
- Has a lasting effect, better than salt in melting ice
- It is in pellet form
- Requires several applications during a storm
- CMA does not melt ice, it does not allow snow to compact into ice

Sand/Salt mix

- Expensive to truck up the mountain
- Requires three times more product than IceSlicer
- Sand creates a dust issue and a buildup in the residents' yards
- Street sweepers are required to clean up after the ice melts and roadways dry out
- Airborne sand particles have a negative effect on environment (i.e. forest plants and trees)

Ash/Cinders

- Does not melt ice, only provides traction
- Creates dust issues and build up in residents' yards
- Street sweepers are required to clean up after ice melts and roadways dry out
- Airborne particles have a negative effect on environment
- Will require multiple applications as long as ice is present and after every storm event

Costs (as of 2013)

De-icer	% of Sodium Chloride	% of Magnesium Chloride	Cost per Ton	#tons per storm	Employee & Equipment Cost	Total Cost per storm
Iceslicer	90-98%	06-20%	\$96.99	2 tons = \$193.98	2 hours = \$224.00	417.98/pass
Meltdown	0%	25-35%	\$221.24	180 gal = tons 2.2 tons = \$486.00	3 hours = \$210.00	\$696.00/pass
Beet/Salt Mix	70-75%		\$90.00	2 tons = \$180.00 Mixed with salt	2 hours = \$224.00	\$404.00/pass
CMA	0%	0%	\$2,500.00	6 tons = \$5,000	6 hours = \$672.00	\$15,672/ 3 passes
Sand	0%	0%	\$14.00	8 tons = \$112.00	8 hours = 896.00	\$1,008.00/ 4 passes
Salt	100%	0%	\$65.00	never used alone		
Sand/Salt	25-75%		\$79.00	15 tons = \$1,185.00	4 hours = \$848.00	\$2,033.00/pass

Above information is based on 1 pass on all roads with County ROW. Last sand haul for salt/sand mixture was in 2009 at a trucking cost of \$45,000.00. For delivery of ice slicer there is no trucking cost it is included in price. Beet juice is mixed in different ways to enhance the use of salt. CMA requires several applications during a snow storm at a very high cost per ton. If NDOT doesn't partner with County, County will have to find property and storage facility, if using a different product. Two days to sweep subdivision after using sand at a cost of \$2,400.00.

MT. CHARLESTON FIRE & RESCUE
MT. CHARLESTON VOLUNTEER FIRE DEPARTMENT
CLARK COUNTY FIRE DEPARTMENT
PRESENT

WILDLAND FIRE ASSESSMENT PROGRAM

May 21, 2016, 10 a.m.
Mt. Charleston Library

Admission is free but RSVP to demeritmartin@gmail.com is requested.



July 4, 2013

COME AND LEARN:

The risks & how you can prepare, your home and your community
to increase the chances of surviving a wild fire
What to do when the request for evacuation comes
& much more information to keep you and your loved ones safe