

# PHASE 2 SNOWMAKING AT SNOWPLAY

BOARD MEETING 5/28/2021



TAHOE DONNER<sup>SM</sup>

# RECOMMENDED ACTION

## **By Motion:**

1. Approve Phase 2 of the Snowplay Snowmaking Construction Project for a total not to exceed \$97,216.45.
2. Authorize the General Manager to enter into a construction contract with Snow Machines Inc. (SMI).



**TAHOE DONNER<sup>SM</sup>**

# BACKGROUND

- Why is this project important?
  - “Insurance policy” protecting key association revenue
  - Experienced low snow/drought year for 4 of last 10 years. ROI shows complete recoup of investment after two low snow/drought years
  - Ensure reliable conditions for members and guests at one of our popular winter amenities during key utilization periods such as late December
- The Board approved Phase 1 construction not to exceed \$115,000 on October 23, 2020
- Phase 1 Completed for a total cost of \$102,758 in early December 2020
  - Successfully made snow at Snowplay for the 2020-2021 season
  - Would not have had Snowplay open for the 2020 Christmas holiday without snowmaking

# ANALYSIS

- Town of Truckee has determined a use permit amendment is required
- 2020 snowmaking under a temporary use permit was considered a trial period
- No issues were reported during trial period
- All documents submitted – expecting approval by end of summer 2021

# OUTREACH

- Member notification mailed to all residents within 500ft of project
  - Prior to trial period snowmaking
  - No negative feedback

# FISCAL IMPACT

- Phase 2 - \$93,145 + \$2,714.5 contingency
  - Install remaining infrastructure for permanent snowmaking project
  - Purchase two dedicated fan guns for Snowplay
- Completely funded out of Development Fund
  - 2020 approved budget - \$30,000
  - 2021 approved budget - \$200,000

| Project Costs            |                  |
|--------------------------|------------------|
| Soft Costs               | \$30,782         |
| Phase 1 Construction     | \$102,758        |
| Phase 2 Construction     | \$27,145         |
| 10% contingency          | \$2,714.5        |
| Snow Guns (SMI Contract) | \$66,000         |
| <b>Project Total</b>     | <b>\$229,400</b> |



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**TAHOE DONNER<sup>SM</sup>**

# PHASE 1 CROSS COUNTRY SNOW MAKING

BOARD MEETING 5/28/2021

# RECOMMENDED ACTION

## By Motion:

1. Approve Phase 1 of the Cross Country Ski Area (TDXC) Snowmaking Construction Project for \$1,089,079, which includes allocating an additional \$139,286 from the development fund to completely fund the project (includes \$89,371 in contingency).
2. Authorize the General Manager to enter into a construction contract with Pure Flow Mechanics (PFM) for an amount of \$893,709 and Snow Machines Inc. (SMI) of \$106,000.



**TAHOE DONNER**<sup>SM</sup>



# BACKGROUND

- Why is this project important?
  - “Insurance policy” protecting key association revenue
  - Experienced low snow/drought year for four of last 10 years. ROI shows complete recoup of investment after three low snow/drought years
  - Ensure reliable conditions for members and guests at one of our popular winter amenities during key utilization periods such as late December
- The Board approved final design and permitting not to exceed \$100,000 on April 9, 2020
- Final design completed and permits pending

# ANALYSIS

## Two-Phase Installation Plan

- Phase 1 – Proposed project requesting approval
  - Utility infrastructure setup
    - Construct pump house/utility shed to accommodate utility infrastructure and equipment storage
    - Includes equipment space and utility conduit for future ACAC backup generator
  - Snowmaking utility installation – 2k trails with snowmaking
    - Provides snowmaking in teaching meadow and Night Hawk/practice hill loop
    - Provides snowmaking along Northfork Trail to Moondance Hut
- Phase 2 – Future Project
  - Additional snowmaking utility installation
    - Provides snowmaking around full Rough Rider Loop (1km)



# ANALYSIS CONTINUED



# XC SNOWMAKING PROJECT



# ANALYSIS CONTINUED

## Permitting

- CEQA – Qualifies For Categorical **Exemption**
- Town of Truckee grading permit – **approved**
- Nevada County Management Plan Required – **approved**
- Nevada County Grading Permit – **pending**
- Nevada County Building Permit – **pending**



# OUTREACH

## Extensive member outreach conducted in 2020

- Direct mail notification and request for feedback sent to adjacent homeowners
- Email notification sent to property owners and membership on Feb. 11 and Feb. 18
- Four Demonstration and Q+A sessions held on Feb. 15 and Feb. 22
- Snowmaking guns and information poster put on display from over one month
- Social Media: Instagram story and posts published in February 2020
- Feature story in March 2020 issue of *Tahoe Donner News*
- Information portal created on website with 'request for feedback'
- 25 member comments received with 17 in favor of, six opposed and two with general questions concerning snowmaking
- 20 Likemoji Responses received, all positive (Feb. 15 to March 7)
- Presented project information and updated at the following 2020 board meetings: January, February and March

# FISCAL IMPACT

- Phase 1 - \$999,709 + \$89,371 contingency
  - Install infrastructure for snowmaking
  - Purchase two dedicated fan guns and ten stick guns
- Completely funded out of Development Fund
  - 2020 approved budget - \$100,000
  - 2021 approved budget - \$900,000
  - Additional Development Fund Request - \$139,286

| Phase 1 Project Costs               |                    |
|-------------------------------------|--------------------|
| Soft Costs                          | \$50,207           |
| Phase 1 Construction (PFM Contract) | \$893,709          |
| 10% contingency                     | \$89,371           |
| Snow Guns (SMI Contract)            | \$106,000          |
| <b>Project Total</b>                | <b>\$1,139,286</b> |



# RECOMMENDED ACTION

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# QUESTIONS?

## THANK YOU