

**Indian Hills General Improvement District
Board of Trustees**

Chairman Dale Dunham	Vice Chairman Robert Stulac	Secretary/Treasurer Vicky Lufrano	Trustee Russ Siegman	Trustee Robert Garcia
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April 5, 2023
Closed Session Meeting 5:00 P.M.
Regular Board Meeting 6:00 P.M.
District Board Room
3394 James Lee Park Road
Carson City, NV
89705
(775) 267-2805

MISSION STATEMENT

The Mission of the District is to provide, within its Charter, those public facilities and services which maintain and improve the quality of life of its resident families and to maintain and operate those facilities and services at the highest quality and in the most cost-effective manner possible, with the intent to continue to do so for a growing population of residents.

It is the intent of the Board of Trustees to protect the dignity of citizens who wish to comment before the Board. It is also the Board of Trustees' wish to provide the citizens of the district with an environment that upholds the highest professional standards.

In order to ensure that every citizen desiring to speak before the Board has the opportunity to express his/her opinion, it is requested that the audience refrain from making comments, hand clapping or making any remarks or gestures that may interrupt, interfere, or prevent the speaker from commenting on any present or future project.

In accordance with Federal law and U.S. Department of Agriculture policy, IHGID is prohibited from discriminating on the basis of race, color, national origin, sex, religion, age, disability (Not all prohibited bases apply to all programs.) To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider, employer, and lender.

Communication for Hearing Impaired: Nevada Relay Service is available by calling 711. The TTY or HCO (hearing carry over) number is 800-326-6868, Voice only is 800-326-6888, VCO (voice carry over) is 800-326-4013.

Notice to Persons with Disabilities: Members of the public who are disabled and require special assistance or accommodations at the meeting are requested to notify the District Office in writing at 3394 James Lee Park Road, Carson City, NV 89705, or by calling 267-2805 at least 24 hours in advance.

Following is the Agenda, which is also posted on IHGID's website at: www.indianhillsnevada.com

AGENDA

5:00 P.M.

1. Call to Order
Request that Cell Phones and Pagers be turned off for recording purposes.
2. **Closed Session**
Discussion only regarding possible amendments to the Collective Bargaining Agreement with the International Union of Operating Engineers Stationary Local 39, AFL-CIO.
3. Adjourn Closed Session

6:00 P.M. – Regular Meeting

4. Call to Order - Regular Meeting of the Board of Trustees
5. Pledge of Allegiance
6. Public Interest Comment (No Action)

The public may comment on any subject that is pertinent to IHGID. The public may comment on any item that is on this agenda at the time it is discussed. Therefore, the public is encouraged and permitted to make comments on any non-agenda items during the public interest comment period. Comments may be limited by the discretion of the Chair and may not exceed three (3) minutes. Please note that the Board is prohibited by law from deliberating or taking action on issues raised by the public that are not listed on this agenda.

7. Approval of Agenda-Chairman
Items on this agenda may be taken out of order. Two or more agenda items may be combined for consideration. Any item appearing on this agenda may be removed, or its discussion delayed at any time.
8. Discussion and possible action to approve a proposal from Lumos & Associates in the amount of \$9,800.00 for Civil Engineering Services for the South Sunridge Park Dog Park. (General Manager, Chris Johnson/District Engineer, Tim Russell)
 - Board of Trustees Discussion
 - Open Public Comment
 - Close Public Comment
9. Discussion and possible action to adopt the Tentative Budget for Fiscal Year 2023-2024. (General Manager, Chris Johnson/ District Accountant Stacie Cobb)
 - Board of Trustees Discussion
 - Open Public Comment
 - Close Public Comment

10. Discussion and possible action to approve a proposal from Lumos and Associates in the amount of \$19,700.00 for additional professional services related to the Indian Drive sewer lining design. (General Manager, Chris Johnson/District Engineer, Tim Russell)
 - Board of Trustees Discussion
 - Open Public Comment
 - Close Public Comment
11. Discussion and possible action to approve amendments to the District's Snow Removal Policy 2010P-01. (General Manager, Chris Johnson)
 - Board of Trustees Discussion
 - Open Public Comment
 - Close Public Comment
12. Discussion only regarding Indian Hills General Improvement District's investments to seek opportunities for ROI improvement within allowances prescribed under NRS. (Trustee, Robert Garcia)
 - Board of Trustees Discussion
 - Open Public Comment
 - Close Public Comment
13. Discussion and possible action to approve Draft Minutes from the March 15, 2023, Board Meeting.
 - Board of Trustees Discussion
 - Open Public Comment
 - Close Public Comment
14. Chairman and Trustees Reports, Correspondence
Under this item the Board Members will briefly identify relevant communications received by them before the meeting, or meetings attended, or potential business of the district. No action will be taken on any of these items, but a member may request such an item or topic be placed on a future agenda.
15. Adjournment

This agenda is posted at www.indianhillsnevada.com, <https://notice.nv.gov> and at the following locations:
District Main Office, 3394 James Lee Park Road

As of 8:30 A.M., March 31, 2023,

by





AGENDA ITEM 8.

Discussion and possible action to approve a proposal from Lumos & Associates in the amount of \$9,800.00 for Civil Engineering Services for the South Sunridge Park Dog Park.

(General Manager, Chris Johnson/District Engineer, Tim Russell)



Carson City • El Dorado Hills • Fallon • Lake Tahoe • Reno

Carson City
308 N. Curry Street, Suite 200
Carson City, Nevada 89703
775.883.7077

February 3, 2023

LA23.008

Chris Johnson, General Manager
Indian Hills General Improvement District
3394 James Lee Park Road #A
Carson City, NV 89705

Re: Proposal for Civil Engineering Services for the South Park Dog Park at South Sunridge Park in Indian Hills, Nevada

Dear Chris:

Lumos & Associates, Inc. is pleased to provide you with this proposal for Engineering Services for the Dog Park at South Sunridge Park. The project is located at 980 Parkview Drive in Indian Hills, Nevada.

Project Understanding

We propose the following tasks to assist you with your project based upon the attached concept prepared in the past:

Project Scope

Task 1 – Topographic Survey

To ensure ADA accessibility for the design, a Topographic Survey Map will be created using a combination of aerial photogrammetry and ground collected survey field points. The project will be flown at an appropriate elevation to obtain a horizontal scale of 1"=20' with a 1' contour interval accuracy in accordance to National Map Accuracy Standards for the project area. All existing surface improvements and visible evidence of utilities will be located within the project area. Conventional survey methods will be utilized on hard surface areas such as asphalt, concrete and utilities to achieve a higher degree of horizontal and vertical accuracy. Utilities will be dipped and inverts listed on the Topographic Map. A digital terrain model, topographic map, and color orthophoto will be generated and combined in Softdesk Civil 3D 2022 as deliverables for this task.

Horizontal Control for the project will be referenced to the Nevada Coordinate System, West Zone, NAD83/94 using a local combined scale factor of 1.0002 to establish ground values for the topographic map. The vertical datum for the project will be referenced to NAVD88. The area to be mapped will be from back of walk on Mica Drive to back of walking path to back of curb on Parkview Drive to the south edge of the basketball court.

Task 2 – Dog Park Improvement Plan

This task includes preparation of an Improvement Plan for the South Park Dog Park for review by IHGID. The scope of work for the proposed dog park includes a new bench and shade structure, ADA accessibility, new 4' high fenced area with a double gate entry, new hardscape pathway (including pavers), two new trees, and a new dog compatible water fountain. The Improvement Plan will be based upon the Dog Park Site Plan prepared by Lumos in April 2020. A new water service is anticipated to be required for the proposed dog drinking fountain and will be incorporated into the plans.

Task 3 – Bidding Assistance

Lumos will be available during the bidding process to answer technical questions and respond to questions raised by bidders during the bidding period. In addition, all questions and responses will be documented and provided to IHGID. Work performed under this task will be billed on a time and materials basis in accordance with our current fee schedule.

Task 4 – Construction Assistance

Lumos will be available to answer questions, coordinate contractor invoicing, process pay requests, review submittals, conduct periodic walkthroughs of the project during construction, respond to RFI's, modify plans, inspections, testing, and prepare record drawings. This task will be T&M and as-needed basis through IHGID.

Assumptions / Exceptions

Lumos has made the following assumptions in preparation of this proposal:

- This proposal does not include permitting as this is viewed as a maintenance project.
- This proposal does not include any technical reports or studies.
- This proposal does not include dry utility design or site lighting design.
- Assumes IHGID staff will modify the irrigation system. This does not include the redesign of the irrigation system.

Fees

The tasks described in the Scope of Work will be completed for the following fees:

Task	Description		Fee
Task 1	Topographic Survey	Lump Sum	\$3,500
Task 2	Dog Park Improvement Plan	Lump Sum	\$3,500
Task 3	Bidding Assistance	(T&M Estimate)	\$1,400
Task 4	Construction Assistance	(T&M Estimate)	\$1,400
		TOTAL	\$9,800

Tasks 1 and 2 will be billed as a Lump Sum. Tasks 3 and 4 will be billed on a Time and Materials basis in accordance with our current fee schedule (we have provided an estimate of the time under Tasks 3 and 4 but this could change based on the level of IHGID involvement (especially for construction assistance). If this proposal is acceptable to the IHGID Board, please authorize us to proceed on the above tasks under our existing contract. Any additional services requested but not covered by this Scope of Work can be provided by an amendment to this proposal.

Lumos and Associates, Inc. will send monthly progress billings on this project. The amount of these billings will be based upon the percentage of work completed. The terms are 'Due Upon Receipt' and accounts are past due after 30 days. Accounts over 30 days old will be subject to interest at the rate of 1 ½% per month and such collection action as may be necessary to collect the account. In addition, a "Stop Work Order" may be issued on past due accounts. In this case, no further work will be performed until the account is brought current.

Thank you again for allowing Lumos and Associates to provide you with this proposal. Please do not hesitate to call me at (775) 883-7077 if you have questions.

Sincerely,



Tim Russell, P.E., W.R.S.
Engineering Director – District Engineer



Collin Sturge, P.E.
Senior Engineer

CC: Cami L. Jackson, P.E. – Project Manager



Dog Park

1/16" = 1'-0"
April 2020



Approx.
7,700 sf
0.18 Acre

PROPOSAL

ARTISTIC FENCE CO., INC.

Cont. License #7798A

480 Morrill Avenue
Reno, Nevada 89512
(775) 788-6002
FAX (775) 788-7992

5740 US Highway 50 East
Carson City, NV 89701-1413
(775) 882-4665
FAX (775) 882-7847

720 E. Fairgrounds
Winnemucca, NV 89445
(775) 623-8876
FAX (775) 623-9568

on Email
?

Submitted to Robert Michael Garcia Phone No. 1-209-614-01338

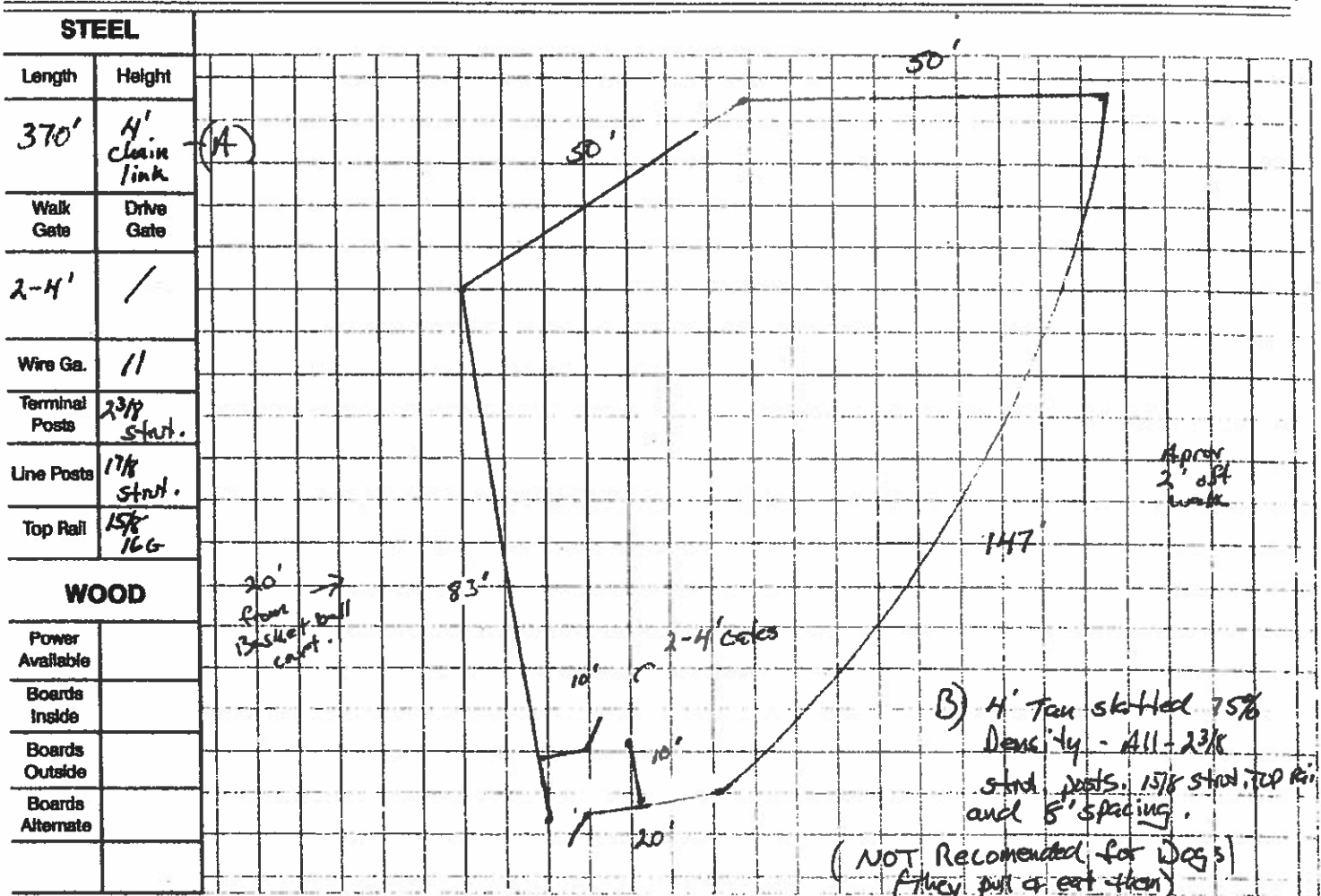
For Property at Sunridge Park - Parkview Dr. Indian Hills

WE PROPOSE TO:

- INSTALL AT YOUR PROPERTY A FENCE
- MATERIALS ONLY F.O.B. OUR YARD

OR DO THE FOLLOWING DESCRIBED WORK:

g mansolutions, rg@gmail.com



PAYMENT IN FULL DUE UPON COMPLETION

PERMIT NOT INCLUDED UNLESS OTHERWISE INDICATED

WE PROPOSE to furnish and install fencing materials (or materials only) in accordance with the conditions and terms as listed. The fence line and grade are to be located by the property owner. **CUSTOMER ASSUMES FULL RESPONSIBILITY FOR LOCATION OF FENCE** and agrees to, at customer's sole expense, defend and hold Artistic Fence Co., Inc. harmless respecting claims of encroachment, claims of damage to underground facilities, and/or any other claims brought on account of the work herein above described, including sprinkler systems. Price of installation is based on the entire job being done at one time. If on account of changes made by purchaser the crew has to make more than one trip, the extra charge covering such expense will be made. Quotation subject to change after 10 days.

Agreed Price

Installed A) 11,783.00

B) 17,367.00

**TERMS: HALF DOWN
BALANCE ON COMPLETION**

By Audrey Lanzino

Accepted By _____

Date 3-20-23

Date _____
Subject to additional conditions on reverse side.

Finest LLC
 3150 Carmine St, STE A
 Carson City, NV 89706
 775-883-1117
 FinestCarson@gmail.com

Estimate

ADDRESS
Robert Garcia

ESTIMATE #	DATE	EXPIRATION DATE
3322	03/21/2023	03/28/2023

SALES REP
James

JOB LOCATION
IHGID Dog Park - ballpark estim

ACTIVITY	QTY	RATE	AMOUNT
Privacy chain link with slats Materials and installation 370' of 4' chain link fence with green privacy slats and two gates. 2-3/8 sch 20 posts, 8' on center set in 2' of concrete. 1-5/8 sch 20 top rail. 75 ViewGuard, 9 gauge, 4" Diamond galvanized chain link, see attached for details. Two 5' walk gate on a 2-3/8 posts. 1-7/8 gate frame.	1	12,544.05	12,544.05

Materials are subject to flaws such as scratches, shrinking, dings, warping, splitting and knots which are beyond our control. We are not responsible for damage to vegetation, conduit, landscape, wiring, waterlines, sprinkler lines, or septic lines. Property lines must be properly marked by the property owner. Building permits are not included in this estimate unless otherwise indicated. Warranty does not cover mistreatment or acts of god. Estimate is for completing the job as described above, based on our evaluation, and does not include material price increases, additional labor or materials which may be required should unforeseen issues arise. A 50% deposit is required prior to scheduling. Any materials used in the performance of this work remain the property of Finest LLC until all sums due are paid in full. A 1.5% monthly interest charge will be assessed on unpaid balances. Credit cards will be assessed a fee of 3.5%. Agreement of terms by paying deposit and/or signing contract.

SUBTOTAL	12,544.05
TAX	0.00
TOTAL	\$12,544.05

Accepted By

Accepted Date

Finest LLC provides a one year warranty on workmanship performed by our company.
 We have a policy of completing projects in the order received. Acts of God or weather could necessitate some delays.

AGENDA ITEM 9.

**Discussion and possible action to adopt the Tentative Budget for Fiscal Year 2023-2024.
(General Manager, Chris Johnson/ District Accountant Stacie Cobb)**

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT -ADMIN-

	A	B	C	D	E	F	G	M	N	O	P
1	PROPOSED TENTATIVE BUDGET 23-24										
2											
5	REVENUES										
6											
7											
8											
9											
10											
11											
12											
13											
14											
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16											
17											
18											
19											
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31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT -ADMIN-

	A	B	C	D	E	F	G	M	N	O	P
42	SERVICES & SUPPLIES										
43		DEPRECIATION FUNDING						\$ 13,200.00	\$ 13,500.00		4.25%
44		BOARD OF TRUSTEES						\$ 9,600.00	\$ 9,600.00		25%
45		PROFESSIONAL SERVICES						\$ 112,000.00	\$ 107,000.00		
46		SAFETY PROGRAM						\$ 850.00	\$ 850.00		
47		UTILITIES - ELECTRICITY						\$ 4,500.00	\$ 5,000.00		
48		UTILITIES - GAS						\$ 2,000.00	\$ 2,500.00		
49		EQUIPMENT LEASE						\$ 8,000.00	\$ 9,000.00		
50		BUILDING R & M						\$ 1,000.00	\$ 1,000.00		
51		VEHICLE - R&M						\$ 1,000.00	\$ 1,000.00		
52		VEHICLE - FUEL						\$ 1,000.00	\$ 1,000.00		
53		OFFICE EXPENSE						\$ 43,000.00	\$ 45,000.00		
54		TELEPHONE						\$ 16,000.00	\$ 16,000.00		
55		CUSTODIAL SERVICES						\$ 2,000.00	\$ 2,000.00		
56		TRAINING & EDUCATION & TRAVEL						\$ 1,000.00	\$ 1,500.00		
57		INSURANCE						\$ 17,000.00	\$ 17,000.00		
58		MAILINGS/POSTAGE						\$ 3,100.00	\$ 4,000.00		
59		UNIFORMS						\$ 500.00	\$ 500.00		
60		MISCELLANEOUS						\$ 1,000.00	\$ 1,000.00		
61	*	*	*	*	*	*					
62											
63											
64		SUBTOTAL SERVICES & SUPPLIES									\$ 700.00
65								\$ 236,750.00	\$ 237,450.00	\$	
66		Depreciation						\$ 7,200.00	\$ 6,500.00		
67		Total expenses						\$ 332,105.74	\$ 339,572.60	\$ 7,466.86	
68											
69											
70											
71											
72											
73		CAPITAL OUTLAY									
74											
75											
76											
77											
78											
79		SUBTOTAL									\$ 7,466.86
80								\$ 332,105.74	\$ 339,572.60	\$ 7,466.86	

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT -ADMIN-

	A	B	C	D	E	F	G	M	N	O	P
81								\$ 332,105.74	\$ 339,572.60		
82								\$ 456,374.98	\$ 428,471.80		
83								\$ 970,824.98	\$ 1,106,220.20		
84											
85								\$ 1,759,305.70	\$ 1,874,264.60	\$ 114,958.90	
86											
87											
88											
89								\$ (286,996.70)	\$ (290,988.60)	\$ (3,991.90)	
90											
92								\$ 13,703.30	\$ 6,511.40	\$ (7,191.90)	
93											
94								\$ (286,996.70)	\$ (290,988.60)		
95											

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT - PARKS/REC

A	B	C	D	O	P	Q	R	S
PARKS & RECREATION EXPENSE BUDGET					FINAL	TENTATIVE	DIFFERENCE	NOTES
1	2	3	4	5	22-23	23-24		
1	PARKS & RECREATION EXPENSE BUDGET							
2	FY 2023-24							
3								
4	<u>SALARIES & RELATED</u>							
5								
6								
7								
8	UTILITY PERSON I				\$ 43,555.20	\$ 47,070.40		percentage of total salary
9	UTILITY PERSON (FULL TIME)				\$ 11,538.80	\$ 20,542.72		100%
10								40% (adjusted up from 25%)
11	mechanic				\$ 12,850.24	\$ 13,886.08		20%
12								
13								
14								
15	GENERAL MANAGER				\$ 18,799.04	\$ 19,845.00		20.0%
16	ACCOUNTANT				\$ 15,702.96	\$ 16,878.68		20.0%
17	P/T UTILITY BILLING COORDINATOR				\$ 2,094.62	\$ 2,199.56		10.0%
18	ADMINISTRATIVE SUPPORT ASSISTANT				\$ 15,109.12	\$ 15,999.36		20%
19								
20	SALARY CONTINGENCY / OT				\$ 17,700.00	\$ 25,000.00		100% sick/vacation accrual
21	SUBTOTAL SALARIES				\$ 137,349.98	\$ 161,421.80		
22	BENEFITS/TAXES				\$ 78,400.00	\$ 50,200.00		dental/vision/life, health, pers, taxes
23								
24	TOTAL SALARIES & RELATED				\$ 215,749.98	\$ 211,621.80	(4,128.18)	
25								
26	<u>SERVICES & SUPPLIES</u>							
27	DEPRECIATION FUNDING				\$ 15,400.00	\$ 15,400.00		4.25%
28	BOARD OF TRUSTEES				\$ 4,800.00	\$ 4,800.00		12.50%
29	PROFESSIONAL SERVICES				\$ 11,000.00	\$ 7,000.00		
30	SAFETY PROGRAM				\$ 1,500.00	\$ 2,000.00		
31	UTILITIES - ELECTRICITY				\$ 6,500.00	\$ 6,500.00		
32	UTILITIES - Natural gas				\$ 1,500.00	\$ 2,500.00		
33	WATER				\$ 55,500.00	\$ 60,000.00		
34	EQUIPMENT RENTAL				\$ 500.00	\$ 500.00		
35	R & M SUPPLIES				\$ 30,000.00	\$ 30,000.00		
36	BUILDING R & M				\$ 200.00	\$ 200.00		
37	VEHICLES - R & M				\$ 3,000.00	\$ 3,000.00		
38	EQUIP R&M				\$ 4,000.00	\$ 4,000.00		
39	FUEL				\$ 4,000.00	\$ 4,500.00		
40	TELEPHONE EXPENSE				\$ 1,000.00	\$ 1,200.00		

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT - PARKS/REC

	A	B	C	D	O	P	Q	R	S
41			GARBAGE SERVICE			\$ 500.00	\$ 500.00		
42			TRAVEL, TRAINING & EDUCATION			\$ 500.00	\$ 500.00		
43			INSURANCE			\$ 17,000.00	\$ 17,000.00		
44			UNIFORMS			\$ 725.00	\$ 750.00		
45			MISCELLANEOUS			\$ 500.00	\$ 500.00		
46			PUBLIC EVENTS/REC EXPENSE			\$ 6,000.00	\$ 6,000.00		
47		*	*	*	*				
48									
49									
50			SUBTOTAL SERVICES & SUPPLIES			\$ 164,125.00	\$ 166,850.00	\$ 2,725.00	
51									
52			DEPRECIATION			\$ 52,500.00	\$ 50,000.00		
53			Total Expenses			\$ 432,374.98	\$ 428,471.80	\$ (3,903.18)	
54									
55									
56									
57			PARKS CAPITAL OUTLAY						
58									
59									
60									
61									
62			RESURFACE TENNIS COURTS			\$ 24,000.00			
63									
64									
65									
66									
67			SUBTOTAL CAPITAL OUTLAY			\$ 24,000.00	\$ -	\$ (24,000.00)	
68									
69									
70									
71			TOTAL PARKS EXPENSES			\$ 456,374.98	\$ 428,471.80	\$ (27,903.18)	
72									
73									

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT - STREETS

A	B	C	D	E	P	Q	R	S
STREETS FUNCTION BUDGET - 23-24								
					FINAL 22-23	TENTATIVE 23-24	DIFFERENCE	NOTES
1								
2								
3	SALARIES & RELATED							
4								
5								
6	FIELD OPS TECH I				\$ 46,155.20	\$ 48,068.80		percentage of total salary 100%
7	UTILITY PERSON FULL TIME				\$ 11,538.80	\$ 20,542.72		40% (adjusted up from 25%)
8								
9	mechanic				\$ 12,850.24	\$ 13,886.08		20%
10								
11								
12	GENERAL MANAGER				\$ 18,799.04	\$ 19,845.00		20.00%
13	ACCOUNTANT				\$ 15,702.96	\$ 16,878.68		20%
14	P/T UTILITY BILLING COORDINATOR				\$ 2,094.62	\$ 2,199.56		10.0%
15	ADMINISTRATIVE SUPPORT ASSISTAN				\$ 15,109.12	\$ 15,999.36		20%
16								
17	STANDBY TIME				\$ 600.00	\$ 600.00		250 hours standby time for snow removal
18	SALARY CONTINGENCY				\$ 22,400.00	\$ 25,400.00		100% sick/vacation accrual
19								
20	SUBTOTAL SALARIES				\$ 145,249.98	\$ 163,420.20		
21								
22	BENEFITS & TAXES				\$ 52,100.00	\$ 63,000.00		dental/vision/life, health, pers. taxes
23								
24	TOTAL SALARIES & RELATED				\$ 197,349.98	\$ 226,420.20	\$ 29,070.22	
25								
26	SERVICES & SUPPLIES							
27	DEPRECIATION FUNDING				\$ 12,300.00	\$ 13,600.00		4.25%
28	BOARD OF TRUSTEES				\$ 4,800.00	\$ 4,800.00		12.50%
29	PROFESSIONAL SERVICES				\$ 12,000.00	\$ 12,000.00		
30	SAFETY PROGRAM				\$ 1,500.00	\$ 2,000.00		
31	ELECTRICITY				\$ 5,500.00	\$ 5,500.00		
32	EQUIPMENT RENTAL				\$ 500.00	\$ 500.00		
33	R & M SUPPLIES				\$ 15,000.00	\$ 15,000.00		

Streets

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT - STREETS

	A	B	C	D	E	P	Q	R	S
34		BUILDING R & M				\$ 250.00	\$ 250.00		
35		FLEET VEHICLES - R & M				\$ 5,000.00	\$ 5,000.00		
36		EQUIPMENT R & M				\$ 4,000.00	\$ 4,500.00		
37		FUEL				\$ 3,500.00	\$ 4,500.00		
38		TELEPHONE				\$ 1,500.00	\$ 1,500.00		
39		OFFICE EXPENSE/DUES				\$ 600.00	\$ 600.00		
40		GARBAGE SERVICE				\$ 300.00	\$ 300.00		
41		TRAINING & EDUCATION & TRAVEL				\$ 500.00	\$ 500.00		
42		INSURANCE				\$ 17,000.00	\$ 17,000.00		
43		UNIFORMS				\$ 725.00	\$ 750.00		
44		MISCELLANEOUS				\$ 500.00	\$ 500.00		
45		* * * * *							
46		STREET PROJECTS/RIGHT OF WAY				\$ 20,000.00	\$ 20,000.00		
47									
48									
49		SUBTOTAL SERVICES & SUPPLIES				\$ 105,475.00	\$ 108,800.00	\$ 3,325.00	
50									
51		DEPRECIATION				\$ 241,000.00	\$ 241,000.00		
52		Total Expenses				\$ 543,824.98	\$ 576,220.20	\$ 32,395.22	
53									
54		STREETS FUNCTION - 23-24				FINAL	TENTATIVE		
55						22-23	23-24		
56		CAPITAL OUTLAY							
57									
58		STREET PROJECTS - Street reserve funds				\$ 427,000.00	\$ 530,000.00		
59		STREET PROJECTS							
60									
61									
62									
63									
64		SUBTOTAL CAPITAL OUTLAY				\$ 427,000.00	\$ 530,000.00	\$ 103,000.00	
65									
66		TOTAL STREETS EXPENSES				\$ 970,824.98	\$ 1,106,220.20	\$ 135,395.22	

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT-SEWER

A	B	C	D	E	K	L	M	N
1	SEWER OPS BUDGET 2023-24				FINAL	TENTATIVE	DIFFERENCE	
2					22-23	23-24		
3								
4	REVENUES							
5	SEWER FEES				\$ 968,000.00	\$ 1,011,000.00		
6	INTEREST				\$ 25.00	\$ 120.00		
7	RATE RESERVES USED							
8	CONNECTION FEES				\$ 82,080.00	\$ -		
9								
10								
11	TOTAL REVENUES				\$ 1,050,105.00	\$ 1,011,120.00	\$ (38,985.00)	
12								
13	SEWER OPS BUDGET 2023-24				FINAL	TENTATIVE		
14					22-23	23-24		
15	EXPENSES							
16	SALARIES & RELATED							
17								
18	WASTEWATER OP SUPERVISOR				\$ 63,814.40	\$ 69,014.40		percentage of total salary
19	mechanic				\$ 19,275.36	\$ 20,829.12		100%
20								30%
21	WW OPS/MAINT II				\$ 59,134.40	\$ 62,067.20		100%
22	UTILITY PERSON FULL TIME				\$ 11,538.80	\$ 5,135.68		10% (adjusted down from 25%)
23								
24								
25	GENERAL MANAGER				\$ 18,799.04	\$ 19,845.00		20%
26	ACCOUNTANT				\$ 15,702.96	\$ 16,878.68		20%
27	P/T UTILITY BILLING COORDINATOR				\$ 6,283.87	\$ 6,598.69		30.00%
28	ADMINISTRATIVE SUPPORT ASSISTANT				\$ 15,109.12	\$ 15,999.36		20%
29								
30	STANDBY				\$ 13,802.00	\$ 13,802.00		
31	SALARY CONTINGENCY / OT				\$ 45,698.00	\$ 54,466.00		
32	SUBTOTAL SALARIES				\$ 269,157.95	\$ 284,636.13		100% of sick/vacation accrual
33	BENEFITS AND TAXES				\$ 120,100.00	\$ 127,600.00		dental/vision/life, health, pers, taxes
34					\$ -	\$ -		
35	TOTAL SALARIES & RELATED				\$ 389,257.95	\$ 412,236.13	\$ 22,978.18	
36								

SEWER

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT-SEWER

	A	B	C	D	E	K	L	M	N
37									
38		SEWER OPS BUDGET 2023-24					TENTATIVE 23-24		
39		SERVICES & SUPPLIES							
40									
41									4.25%
42		ACTUAL DEPRECIATION FUNDING				\$ 25,500.00	\$ 26,900.00		
43		SEWER RATE RESERVE				\$ 200,000.00	\$ 200,000.00		
44		BOARD OF TRUSTEES				\$ 9,600.00	\$ 9,600.00		
45		PROFESSIONAL SERVICES				\$ 35,000.00	\$ 35,000.00		
46		SAFETY PROGRAM				\$ 3,500.00	\$ 3,500.00		
47		UTILITIES - ELECTRICITY				\$ 53,000.00	\$ 58,000.00		
48		O&M-SUPPLIES				\$ 20,000.00	\$ 20,000.00		
49		BUILDING R & M				\$ 500.00	\$ 500.00		
50		VEHICLE REPAIRS & MAINT				\$ 3,000.00	\$ 3,000.00		
51		EQUIPMENT R & M				\$ 13,000.00	\$ 13,000.00		
52		FUEL				\$ 5,500.00	\$ 6,000.00		
53		TREATMENT CHEMICALS				\$ 17,000.00	\$ 17,000.00		
54		OFFICE EXPENSE				\$ 3,000.00	\$ 5,000.00		
55		TELEPHONE				\$ 3,000.00	\$ 3,700.00		
56		GARBAGE SERVICE				\$ 500.00	\$ 500.00		
57		BIO-SOLID DISPOSAL				\$ 7,000.00	\$ 7,000.00		
58		TRAINING & EDUCATION & TRAVEL				\$ 2,000.00	\$ 2,000.00		
59		INSURANCE				\$ 17,000.00	\$ 17,000.00		
60		LAB FEES				\$ 7,000.00	\$ 8,000.00		
61		PERMIT FEES				\$ 4,500.00	\$ 4,500.00		
62		MAILINGS/POSTAGE				\$ 5,500.00	\$ 6,000.00		
63		UNIFORMS				\$ 1,575.00	\$ 1,250.00		
64		MISCELLANEOUS				\$ 500.00	\$ 500.00		
65									
66		SUBTOTAL SERVICES & SUPPLIES				\$ 437,175.00	\$ 447,950.00	\$ 10,775.00	
67									
68		DEPRECIATION				\$ 378,000.00	\$ 370,000.00		
69		TOTAL EXPENSES				\$ 1,204,432.95	\$ 1,230,186.13	\$ 25,753.18	
70									
71		EXCESS OF REVENUE OVER EXPENSES				\$ (154,327.95)	\$ (219,066.13)	\$ (64,738.18)	
72									
73		SEWER OPS BUDGET 2023-24					TENTATIVE		
						FINAL	FINAL		

SEWER

INDIAN HILLS GENERAL IMPROVEMENT DISTRICT-SEWER

	A	B	C	D	E	K	L	M	N
74						22-23	23-24		
75		Debt service principal				\$ (110,136.39)	\$ (110,851.63)		
76		Debt service interest				\$ (47,532.57)	\$ (43,437.33)		
77		Total debt service				\$ (157,668.96)	\$ (154,288.96)		
78									
79		Sub cash flow before capital outlay, after depreciation				\$ (311,996.91)	\$ (373,355.09)		
80									
81									
82		CAPITAL OUTLAY							
83		LIFT STATION #3 BYPASS INFRASTRUCTU				\$ 12,000.00			
84		BLOWER REBUILD				\$ 12,000.00			
85									
86									
87									
88									
89		TOTAL CAPITAL OUTLAY				\$ 24,000.00	\$ -	\$ (24,000.00)	
90		Net Cash flow incl depreciation				\$ (335,996.91)	\$ (373,355.09)		
91									
92		Net Cash flow WITHOUT depreciation, sewer				\$ 42,003.09	\$ (3,355.09)	\$ (45,358.18)	

SEWER

INDIAN HILLS GENERAL IMPROVEMENT -DISTRICT-WATER

	A	B	C	G	H	K	L	M	N	O	
							FINAL 22-23	TENTATIVE 23-24	DIFFERENCE	NOTES	
1											
2		WATER OPERATIONS BUDGET 2023-24									
3											
4											
5		REVENUES									
6											
7							\$ 840,000.00	\$ 880,000.00			
8							\$ 525,000.00	\$ 525,000.00			
9							\$ 12,441.60	\$ 12,441.60			
10							\$ 2,000.00	\$ 4,000.00			
11							\$ 82,080.00	\$ -			
12											
13											
14											
15											
16											
17							\$ 1,461,521.60	\$ 1,421,441.60	\$ (40,080.00)		
18											
19		WATER OPERATIONS BUDGET 2023-24									
20		EXPENSES									
21		SALARIES & RELATED									
22											
23							\$ 83,636.80	\$ 87,796.80		percentage of total salary	
24							\$ 55,515.20	\$ 54,475.20		100%	
25							\$ 19,275.36	\$ 20,829.12		100%	
26							\$ 11,538.80	\$ 5,135.68		30%	
27										10% (adjusted down from 25%)	
28											
29							\$ 18,799.04	\$ 19,845.00		20%	
30							\$ 15,702.96	\$ 16,878.68		20%	
31							\$ 8,378.50	\$ 8,798.25		40.00%	
32							\$ 15,109.12	\$ 15,999.36		20%	
33											
34											
35											
36							\$ 13,802.00	\$ 13,802.00			
37							\$ 51,198.00	\$ 62,435.00		includes vaca/sick buyout(100% of accrual) /call	
38							\$ 292,955.78	\$ 305,995.09			
39							\$ 100,400.00	\$ 106,400.00		dental/vision/life, health, pers. taxes	
40											

INDIAN HILLS GENERAL IMPROVEMENT -DISTRICT-WATER

	A	B	C	G	H	K	L	M	N	O
41	TOTAL SALARIES & RELATED						\$ 393,355.78	\$ 412,395.09	\$ 19,039.31	
42										
43	WATER OPERATIONS BUDGET 2023-24									
44	SERVICES & SUPPLIES						FINAL 22-23	TENTATIVE 23-24		
45										
46	ACTUAL DEPRECIATION FUNDING						\$ 36,300.00	\$ 37,900.00		4.25%
47	RATE INCREASE RESERVES						\$ 160,000.00	\$ 200,000.00		20% to operating ended last FY
48	BOARD OF TRUSTEES						\$ 9,600.00	\$ 9,600.00		25%
49	PROFESSIONAL SERVICES						\$ 47,500.00	\$ 47,500.00		
50	SAFETY PROGRAM						\$ 2,700.00	\$ 3,000.00		
51	UTILITIES - ELECTRICITY						\$ 60,000.00	\$ 70,000.00		
52	UTILITIES - GAS						\$ 5,000.00	\$ 5,000.00		
53	PURCHASE OF MINDEN WATER						\$ 218,550.00	\$ 218,550.00	235 million @.93 per 1000	
54	O&M-SUPPLIES						\$ 41,000.00	\$ 41,000.00		\$10,000 for water meter replacement
55	BUILDING R & M						\$ 2,500.00	\$ 2,500.00		
56	VEHICLE EXPENSE - R & M						\$ 3,000.00	\$ 3,000.00		
57	EQUIPMENT R & M						\$ 6,000.00	\$ 6,000.00		
58	VEHICLE EXPENSE - FUEL						\$ 6,000.00	\$ 6,500.00		
59	TREATMENT CHEMICALS						\$ 4,000.00	\$ 8,000.00		
60	OFFICE EXPENSE						\$ 2,000.00	\$ 3,200.00		
61	TELEPHONE						\$ 11,000.00	\$ 12,000.00		
62	GARBAGE SERVICE						\$ 500.00	\$ 500.00		
63	TRAINING & EDUCATION & TRAVEL						\$ 5,000.00	\$ 5,000.00		
64	INSURANCE						\$ 17,000.00	\$ 17,000.00		
65	LABORATORY FEES						\$ 7,000.00	\$ 7,000.00		
66	PERMIT FEES						\$ 5,500.00	\$ 5,500.00		
67	MAILINGS/POSTAGE						\$ 5,500.00	\$ 6,000.00		
68	UNIFORMS						\$ 1,275.00	\$ 1,250.00		
69	MISCELLANEOUS						\$ 500.00	\$ 500.00		
70										
71	* * * * *									
72										
73										
74	SUBTOTAL SERVICES & SUPPLIES						\$ 657,425.00	\$ 716,500.00	\$ 59,075.00	
75										
76	DEPRECIATION						\$ 551,000.00	\$ 545,000.00		
77	TOTAL EXPENSES						\$ 1,601,780.78	\$ 1,673,895.09	\$ 72,114.31	
78										
79	EXCESS OF REVENUE OVER EXPENSES						\$ (140,259.18)	\$ (252,453.49)		
80										

INDIAN HILLS GENERAL IMPROVEMENT -DISTRICT-WATER

	A	B	C	G	H	K	L	M	N	O
81										
82		WATER OPERATIONS BUDGET 2023-24					FINAL 22-23	TENTATIVE 23-24		
83										
84		Connection fees								
85		(Cash received from bond proceeds)								
86		Debt service principal					(\$230,883.66)	(\$236,732.60)		
87		Debt service interest					(\$62,707.23)	(\$55,038.28)		
88		Total debt service					\$ (293,590.89)	\$ (291,770.88)		
89										
90		Sub cash flow before capital outlay, after depreciation					\$ (433,850.07)	\$ (544,224.37)		
91										
92										
93										
94		CAPITAL OUTLAY								
95										
96										
97										
98										
99		CHLORINE ANALYZER					\$ 8,000.00			
100		INDIAN DRIVE PROJECT RESERVES					\$ 100,000.00			
101										
102										
103										
104		SUBTOTAL - CAPITAL OUTLAY					\$ 108,000.00	\$ -	\$ (108,000.00)	
105		Net Cash flow incl depreciation					\$ (541,850.07)	\$ (544,224.37)		
106										
107		Net Cash flow WITHOUT depreciation, water					\$ 9,149.93	\$ 775.63	\$ (8,374.30)	
108										

AGENDA ITEM 10.

Discussion and possible action to approve a proposal from Lumos and Associates in the amount of \$19,700.00 for additional professional services related to the Indian Drive sewer lining design.

(General Manager, Chris Johnson/District Engineer, Tim Russell)



Carson City
308 N. Curry Street, Suite 200
Carson City, Nevada 89703
775.883.7077

March 28, 2023

LA21.714

Chris Johnson, District Manager
Indian Hills General Improvement District
3394 James Lee Park Road #A
Carson City, NV 89705

**Re: Proposal for Additional Professional Services
Indian Drive Sewer Lining Design**

Dear Chris:

Lumos & Associates, Inc. (Lumos) is pleased to provide you with this proposal for additional engineering and related services to modify/redesign the sewer improvements associated with the Indian Drive Reconstruction and Waterline Project and re-bid the project.

Project Understanding

The proposed project is located on Indian Drive from Mica Drive to Vassar Street and Vassar Street to Princeton Avenue. More generally, the project is located entirely within Section 18, Township 14N, Range 20E M.D.B. & M. The project scope includes water and sewer improvements, along with surface rehabilitation.

In January of 2022 (during the initial design of the project), sewer video was collected and a sewer evaluation was prepared to assess the condition of the existing sewer main within the project area (attached to this proposal). The sewer evaluation determined deficiencies including low velocities, aged mains that are in poor condition, and segments of the existing main are located within private property. Based on the evaluation, IHGID and Lumos decided to move forward with Alternative 4B (presented in the evaluation), which included new sewer main installation within the Right of Way (R.O.W.), which addressed all deficiencies noted with the existing sewer.

In February/March of 2023 the project went out to public bid for Contractors, with bids received on March 6th, 2023. The result of that bid indicated that the water and surface rehabilitation costs were as anticipated, however, the sewer improvements were significantly more than anticipated. Upon further investigation by Lumos (with the Contractor that bid the project and others that evaluated bidding the project), it was determined that the high price was a direct result of the new sewer main installation within the R.O.W. and the corresponding depth to which it would have to be installed.

After further discussion between IHGID and Lumos, the water and surface rehabilitation scope will remain as designed, but the scope of sewer improvements will be re-designed to match Alternative 1 (presented in the sewer evaluation), which includes relining the existing sewer main with lateral spot repairs as needed. This decision was made after coordination with Contractors, and the anticipated cost-savings that will be achieved by relining the existing main, rather than a complete new installation.

We propose the following tasks to assist you with your project:

Project Scope

Task 4B – Sewer Redesign & Permitting (additional scope)

The additional scope added for this task will include further evaluation of the existing sewer video to determine an appropriate scope of work for re-lining the existing main, along with lateral spot repair as needed. It will also include coordination with local sewer lining Contractors to determine the appropriate means of repair is incorporated into the design.

Lumos will then incorporate the sewer re-design into the existing construction plans, specifications, and Contract Documents for IHGID’s review, and to be provided to Contractor’s for re-bid of the project.

Task 5 – Rebidding and Construction Assistance (additional scope)

The additional scope added to this task includes Lumos time to re-bid the plans, conduct a pre-bid meeting, respond to RFI’s, issue addendums, conduct the bid opening, tabulate and evaluate the bids, and provide a recommendation of award to the City.

Assumptions / Exceptions

Lumos has made the following assumptions in preparation of this proposal:

- Fees are in addition to fees from proposal prepared in July 2021, and amendment from January 2022.
- Assumed savings by re-lining the existing sewer (rather than new install) is preliminary and based on initial coordination with Contractors. Lumos does not control market conditions and can’t guarantee Contractor’s final bids.

Fees

The tasks described in the Scope of Work will be completed for the following fees:

Task Number	Description	Fee
Task 4B	Sewer Civil Design and Permitting (additional scope)	\$ 14,800.00
Task 5	Bidding and Construction Assistance (additional scope)	\$ 4,900.00
Total		\$ 19,700.00

Tasks 4B and 5 are lump sum, with the amounts shown in this amendment to be added to the existing fees. Lumos and Associates will be happy to amend this proposal as necessary.

If this proposal is acceptable to the board, please authorize us to proceed under our existing contract. Any additional services requested but not covered by this Scope of Work can be provided by an amendment to this proposal. Lumos and Associates, Inc. will send monthly progress billings on this project.

Formal board approval will authorize Lumos to proceed with this work.

Thank you again for allowing Lumos and Associates to provide you with this proposal. Please do not hesitate to call me at (775) 883-7077 if you have questions.

Sincerely,



Collin Sturge, P.E.
Senior Engineer



Tim Russell, P.E.
Director of Engineering – District Engineer

Attachments:

1. Indian Hills GID Sanitary Sewer Evaluation: Dated 1/7/2022



Carson City • Fallon • Lake Tahoe • Reno
Carson City
308 N. Curry Street, Suite 200
Carson City, Nevada 89703
775.883.7077

January 7, 2022

JN 10500.001

**Technical Memorandum
Revision 1**

Prepared for:

Chris Johnson, District Manager
Indian Hills General Improvement District
3394 James Lee Park Road #A
Carson City, NV 89705

Prepared by:

Mara Quiroga, P.E.
Tim Russell, P.E.
Lumos & Associates



Subject: Indian Hills GID Sanitary Sewer Evaluation

01/07/22

Introduction

Lumos & Associates has been contracted to design the reconstruction of Indian Drive in the Indian Hills General Improvement District (IHGID). Also associated with the roadway improvements will be the replacement of the existing asbestos concrete water lines. Prior to designing the road and water replacement, Lumos was contracted to evaluate the existing sewer main on Indian Drive to determine if any replacements or rehabilitation should be included with the road/water project. The 12-inch sewer main in Indian Drive has been identified as having flow challenges due to aged infrastructure, flat slopes, and the large flow contribution from the northwest quadrant of the District (north of Mica Drive and west of highway 39) and approximately two thirds of Sunridge. The sewer main also crosses through multiple private residential properties with or without easements. This memo provides an evaluation of the options for replacing, rehabilitating, or relocating the existing main.

Sewer Flows

Monitored Existing Flows

In order to determine existing flows in the project area, Lumos contracted with Utility System Sciences & Software to install flow meters in two manholes over the course of one week. Figure 1 shows the location of the project area and the monitored manholes.

Table 1 shows the results of the flow monitoring in manholes A and C, as identified in Figure 1. Manhole A represents the flows from the northwest quadrant of the District, while manhole C represents the full flows on Indian Drive. The difference between the flows is the contribution from Sunridge. The peaking factor was calculated as the peak flow divided by the average flow, as the areas are residential and don't change seasonally. The maximum measured flow was utilized in the analysis as the peak design flow.

26

Table 1: Flow Monitoring Results

	Manhole A	Manhole C
Average Flow (gpm)	74.13	102.25
Max (Peak) Flow (gpm)	150.96	166.59
Min Flow (gpm)	25.78	32.93
Peaking Factor	2.04	1.63

Estimated Existing Flows

The flow monitoring was performed upstream of the Indian Drive project area to allow for the best contributing area data from Sunridge and the northwest quadrant, in the event flow splitting becomes necessary to improve operational conditions in Indian Drive. Along Indian Drive and Gregory Court, additional homes contribute to the sewer main. These flows were estimated using the criteria detailed in Table 2 and applied to the tributary nodes in the sewer model.

Table 2: Sewer Generation in Project Area

Additional Homes	38
Average Use (gpd/home) [1]	250
Average Flow (gpd)	9,500
Peaking Factor¹	1.63
Peak Flow (gpm)	10.75

¹ Peaking factor as determined in Table 1. The lower peaking factor was assumed to conservatively represent worst case scenario for minimum velocity. Additionally, the average of 250 gpd/home is estimated to be high, thus giving a conservative value for overall flow contribution.

Design Criteria

Design and analysis criteria for the sewer system are based upon the Douglas County Design Criteria and Improvement Standards (DCIS) [1] and detailed below.

- ❑ Pipe sizing: peak flows
- ❑ Minimum pipeline diameter: 8-inch
- ❑ Minimum depth of cover for sewer mains: 72-inches
- ❑ Minimum velocity: 2.0 feet per second (fps) when flowing full
- ❑ Maximum velocity: 15 fps
- ❑ Manning’s roughness coefficient “n”: 0.013
- ❑ Pipe material: SDR 35 PVC pipe
- ❑ Maximum depth of flow (depth/diameter: d/D): 0.5 for pipes through 15-inch diameter
- ❑ Minimum pipe slope:
 - 8-inch pipe: 0.40%
 - 10-inch pipe: 0.30%
 - 12-inch pipe: 0.22%

Evaluation of Alternatives

Utilizing the flow data and survey information for the existing sewer manholes on and downstream of Indian Drive, we evaluated 5 alternatives to assess the existing sewer on Indian Drive and what (if any) improvements are needed. Additionally, sewer inspection videos performed in 2016 were reviewed for the existing mains and the resulting data was included in the analysis. Where applicable, the alternatives detailed below were modeled in Innovyze InfoSWMM modeling software to analyze capacity and velocity within the existing pipes.

Existing Conditions

The existing conditions were analyzed to determine the extent of the operational issues. Table 3 summarizes the results of the analysis.

Table 3: Existing Condition Modeling Results

Pipe ID	Street	Diameter (inch)	Depth of flow, d/D	Slope (%)	Velocity at peak flow (fps)	Velocity at full flow (fps)
1-2	Indian Dr.	12	0.35	0.12	1.37	1.58
2-3	Indian Dr.	12	0.30	0.18	1.59	1.93
3-4	Indian Dr.	12	0.41	0.08	1.20	1.28
4-5	Indian Dr.	12	0.32	0.15	1.52	1.76
5-6	Indian Dr.	12	0.26	0.29	1.91	2.44
6-7	Indian Dr.	12	0.32	0.16	1.55	1.82
7-8	Indian Dr.	12	0.28	0.25	1.82	2.27
8-15	Vassar Dr.	12	0.27	0.28	1.90	2.40
9-5	Gregory Ct.	8	0.19	0.54	0.65	2.54
10-9	Gregory Ct.	8	0.02	0.58	0.69	2.64
11-10	Gregory Ct.	8	0.01	3.91	1.11	6.92
Design Criteria		-	0.50 max			2.0 min

Based on the model analysis results in Table 3 and the sewer videos, the following deficiencies were noted.

- 1) At peak and full flows, minimum velocities are not met due to flat pipe slopes.
- 2) Based on a review of the sewer videos, in general, the mains were in fair to good condition. However, most lateral connections were in poor to fair condition, and there is substantial root growth in multiple main locations. Attachment 2 provides a summary of the sewer video review. Due to the age of the pipes and defects found in the sewer infrastructure, it is recommended the main be replaced.
- 3) Segments of the sewer line are located in back and side yards of private residences without large enough easements for access and maintenance. In one case, the sewer line appears to be located underneath or within feet of the building foundation.

To address the deficiencies identified, the following alternatives were considered. The attached figures illustrate the existing conditions and proposed alternatives.

Alternative 1: Lining and Lateral Spot Repair

This alternative proposes installing a liner in the existing mains and repairing existing lateral connections where required. The liner would allow for the current pipe diameter to stay essential the same, but improve the conditions of the main. The flow conditions are equivalent to the existing results seen in Table 3.

Pros

- Addresses deficiency 2 (pipe condition)
- Low cost

Cons

- Does not address deficiencies 1 (minimum velocity) or 3 (located in private property)

Alternative 2: Replace Main in Place

This alternative proposes the replacement of the sewer main in the existing alignment along Indian Drive through pipe bursting, and reconnection of the laterals. This alternative would improve the conditions of the sewer main piping, but results would be consistent with the existing conditions seen in Table 3. The new installation would be at the existing slope and therefore would not increase cleansing velocity or mitigate the right-of-way concerns.

Pros

- Addresses deficiency 2 (pipe condition)

Cons

- Does not address deficiencies 1 (minimum velocity) or 3 (located in private property)
- Similar result as Alternative 1 but at a higher cost

Alternative 3A: Replace/Realign Main in Indian Drive to Right-of-Way

This alternative involves replacing the existing main in Indian Drive to steepen slopes where possible, realign to place the main in right-of-way, and replace the deteriorating mains at the same size as the existing.

Due to upstream and downstream invert elevation constraints, the highest achievable slope is 0.13% on average along the main. Without a larger scale reconstruction outside of the project area or installation of a lift station, slopes cannot be increased enough to meet Douglas County design standards or to achieve cleansing velocity at peak flow. Slopes have been increased as much as possible to improve operational conditions. This alternative also proposes abandoning the main and manholes within private property along Indian Drive and constructing main and manholes within right-of-way. Table 4 details the results of modeling this alternative.

Table 4: Alternative 3A Modeling Results

Pipe ID	Street	Diameter (Inch)	Depth of flow, d/D	Slope (%)	Velocity at peak flow (fps)	Velocity at full flow (fps)
1-2	Indian Dr.	12	0.30	0.18	1.60	1.93
2-3	Indian Dr.	12	0.30	0.18	1.60	1.93
3-4	Indian Dr.	12	0.31	0.18	1.60	1.93
4-5	Indian Dr.	12	0.30	0.20	1.68	2.03
5-6	Indian Dr.	12	0.31	0.18	1.61	1.93
6-12	Indian Dr.	12	0.31	0.18	1.63	1.93
12-13	Indian Dr.	12	0.31	0.18	1.63	1.93
13-8	Indian Dr.	12	0.31	0.19	1.64	1.98
Design Criteria		-	0.50 max			2.0 min

Pros

- Addresses deficiencies 2 (pipe condition) and part of 3 (located in private property along Indian Drive)
- Increases velocities to almost address deficiency 1 (minimum velocity) at full flow

Cons

- Does not address deficiency 3 on Gregory Court

Alternative 3B: Replace/Realign Main in Indian Drive and Gregory Court to Right-of-Way

This option includes the improvements of Alternative 3A with the addition of realigning the main serving Gregory Court to right-of-way. However, information on lateral locations is not available for the Gregory Court mains. Further exploration is required to determine whether the reconnection of laterals into the right-of-way would prove too cost prohibitive or unfeasible for this option.

Table 5: Alternative 3B Modeling Results

Pipe ID	Street	Diameter (Inch)	Depth of flow, d/D	Slope (%)	Velocity at peak flow (fps)	Velocity at full flow (fps)
1-2	Indian Dr.	12	0.30	0.18	1.60	1.93
2-3	Indian Dr.	12	0.30	0.18	1.59	1.93
3-4	Indian Dr.	12	0.31	0.18	1.60	1.93
4-6	Indian Dr.	12	0.31	0.18	1.62	1.93
6-12	Indian Dr.	12	0.32	0.17	1.58	1.87
12-13	Indian Dr.	12	0.30	0.21	1.70	2.08
13-8	Indian Dr.	12	0.30	0.20	1.69	2.03
10-14	Gregory Ct.	8	0.01	1.58	0.74	4.35
14-12	Gregory Ct.	8	0.01	1.48	0.94	4.21
Design Criteria		-	0.50 max			2.0 min

Pros

- Addresses deficiencies 2 (pipe condition) and 3 (located in private property)
- Increases velocities to almost address deficiency 1 (minimum velocity) at full flow

Cons

- Higher cost than Alternative 3A
- Uncertainty with lateral locations on Gregory Court mains requires further exploration

Alternative 4A: Replace/Realign Main in Indian Drive and Vassar Street to Right-of-Way

This alternative proposes replacing the existing sewer main along Indian Drive and Vassar Street. Replacing the additional segment of pipe within Vassar Street allows for steeper slopes and higher velocities, but requires additional road repairs outside the scope of the Indian Drive rehabilitation project.

Table 6: Alternative 4A Modeling Results

Pipe ID	Street	Diameter (inch)	Depth of flow, d/D	Slope (%)	Velocity at peak flow (fps)	Velocity at full flow (fps)
1-2	Indian Dr.	12	0.28	0.21	1.68	2.08
2-3	Indian Dr.	12	0.28	0.21	1.70	2.08
3-4	Indian Dr.	12	0.29	0.22	1.72	2.13
4-5	Indian Dr.	12	0.29	0.22	1.72	2.13
5-6	Indian Dr.	12	0.29	0.21	1.72	2.08
6-12	Indian Dr.	12	0.29	0.22	1.73	2.13
12-13	Indian Dr.	12	0.29	0.21	1.72	2.08
13-8	Indian Dr.	12	0.29	0.22	1.73	2.13
8-15	Vassar St.	8	0.29	0.21	1.72	2.08
Design Criteria		-	0.50 max			2.0 min

Pros

- Addresses deficiencies 1 (minimum velocity) at full flow, 2 (pipe condition) and part of 3 (located in private property along Indian Dr.)

Cons

- High cost, including additional road repairs on Vassar St.
- Does not address deficiency 3 on Gregory Court

Alternative 4B: Replace/Realign Main in Indian Drive, Gregory Court, and Vassar Street to Right-of-Way

This alternative includes the improvements of Alternative 4A along Indian Drive and Vassar street, with the addition of replacing the main serving Gregory Court and realigning the main to be within right-of-way. This alternative presents the same issues as Alternative 3B regarding unknown lateral locations in Gregory Court.

Table 7: Alternative 4B Modeling Results

Pipe ID	Street	Diameter (inch)	Depth of flow, d/D	Slope (%)	Velocity at peak flow (fps)	Velocity at full flow (fps)
1-2	Indian Dr.	12	0.28	0.21	1.68	2.08
2-3	Indian Dr.	12	0.28	0.21	1.70	2.08
3-4	Indian Dr.	12	0.29	0.22	1.72	2.13
4-6	Indian Dr.	12	0.29	0.22	1.72	2.13
6-12	Indian Dr.	12	0.29	0.22	1.72	2.13
12-13	Indian Dr.	12	0.29	0.21	1.72	2.08
13-8	Indian Dr.	12	0.29	0.22	1.73	2.13
8-15	Vassar St.	12	0.29	0.21	1.72	2.08
10-14	Gregory Ct.	8	0.01	1.58	0.74	4.35
14-12	Gregory Ct.	8	0.01	1.65	0.98	4.45
Design Criteria		-	0.50 max			2.0 min

Pros

- Addresses deficiencies 1 (minimum velocity) at full flow, 2 (pipe condition) and 3 (located in private property)

Cons

- Highest cost
- Uncertainty with lateral locations on Gregory Court mains requires further exploration

Alternative 5: No Improvements

This alternative proposes no change or construction within the sewer main or lateral connections as part of the Indian Drive rehabilitation project. The results would be equivalent to the existing model conditions seen in Table 3 suffering from low cleansing velocity, right-of-way concerns, and deteriorating main locations and laterals.

Pros

- No additional cost

Cons

- Does not address any deficiencies

Cost Comparison

Approximate costs were determined for comparison purposes between the alternatives. The cost estimates are highly conceptual and intended to provide guidance in decision making, and do not accurately represent construction costs. A comparison of costs for all alternatives can be found in Table 8. These values represent the additional cost of sewer improvements above the costs associated with the planned rehabilitation of the Indian Drive roadway and water mains.

Table 8: Comparison of Conceptual Costs

Alternative	Conceptual Cost Estimate
Alternative 1: Lining and Lateral Spot Repair	\$492,000
Alternative 2: Replace Main in Place	\$510,000
Alternative 3A: Replace/Realign Main in Indian Drive to Right-of-Way	\$357,000
Alternative 3B: Replace/Realign Main in Indian Drive and Gregory Court to Right-of-Way	\$470,000
Alternative 4A: Replace/Realign Main in Indian Drive and Vassar Street to Right-of-Way	\$497,000
Alternative 4B: Replace/Realign Main in Indian Drive, Gregory Court, and Vassar Street to Right-of-Way	\$585,000
Alternative 5: No Improvements	\$0

References

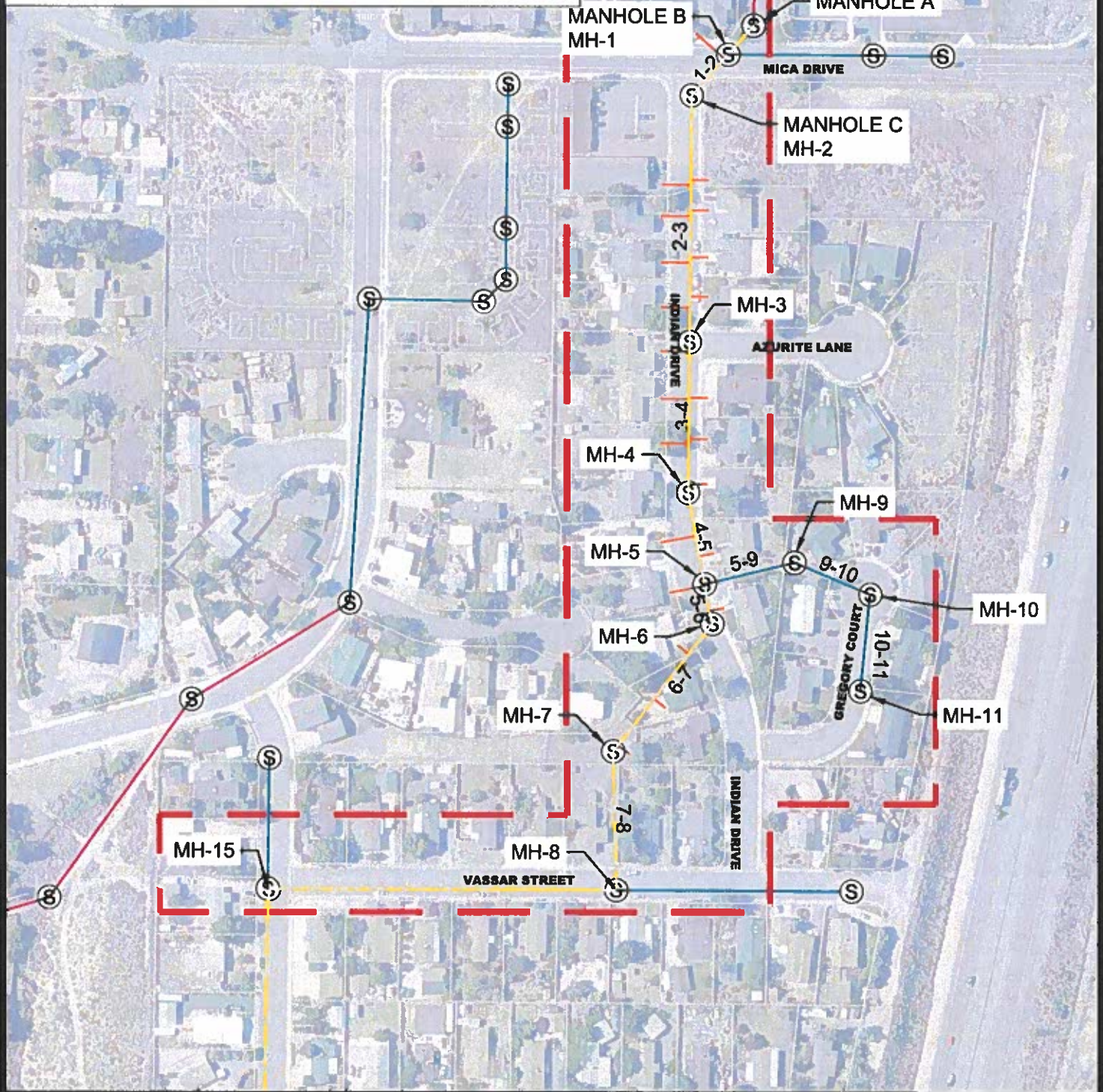
[1] Douglas County, Design Criteria and Improvement Standards, June 2017.
<https://p1cdn4static.civiclive.com/UserFiles/Servers/Server_12493019/File/Community%20Development/Engineering/DEC2108_DCDCIS_Part%20II%20Complete%202020.pdf>

Attachments

- Attachment 1: Figures
- Attachment 2: Sewer Video Review

LEGEND

- 12" EXISTING SEWER MAIN
- 10" EXISTING SEWER MAIN
- 8" EXISTING SEWER MAIN
- EXISTING SEWER LATERAL
- EXISTING MANHOLE S
- POTENTIAL PROJECT AREA



INDIAN HILLS GID

EXISTING SEWER SYSTEM

Date: JAN 2022

Scale: 1" = 200'

Job No: 10500.001

FIGURE 1



308 N CURRY ST. STE 200
 CARSON CITY, NEVADA 89703
 PH. (775) 883-7077 FAX (775) 883-7114

DOUGLAS COUNTY

NEVADA

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LEGEND

EXISTING SEWER MAIN (OUTSIDE PROJECT AREA)

8" EXISTING SEWER MAIN

EXISTING SEWER LATERAL

EXISTING MANHOLE

NEW MAIN

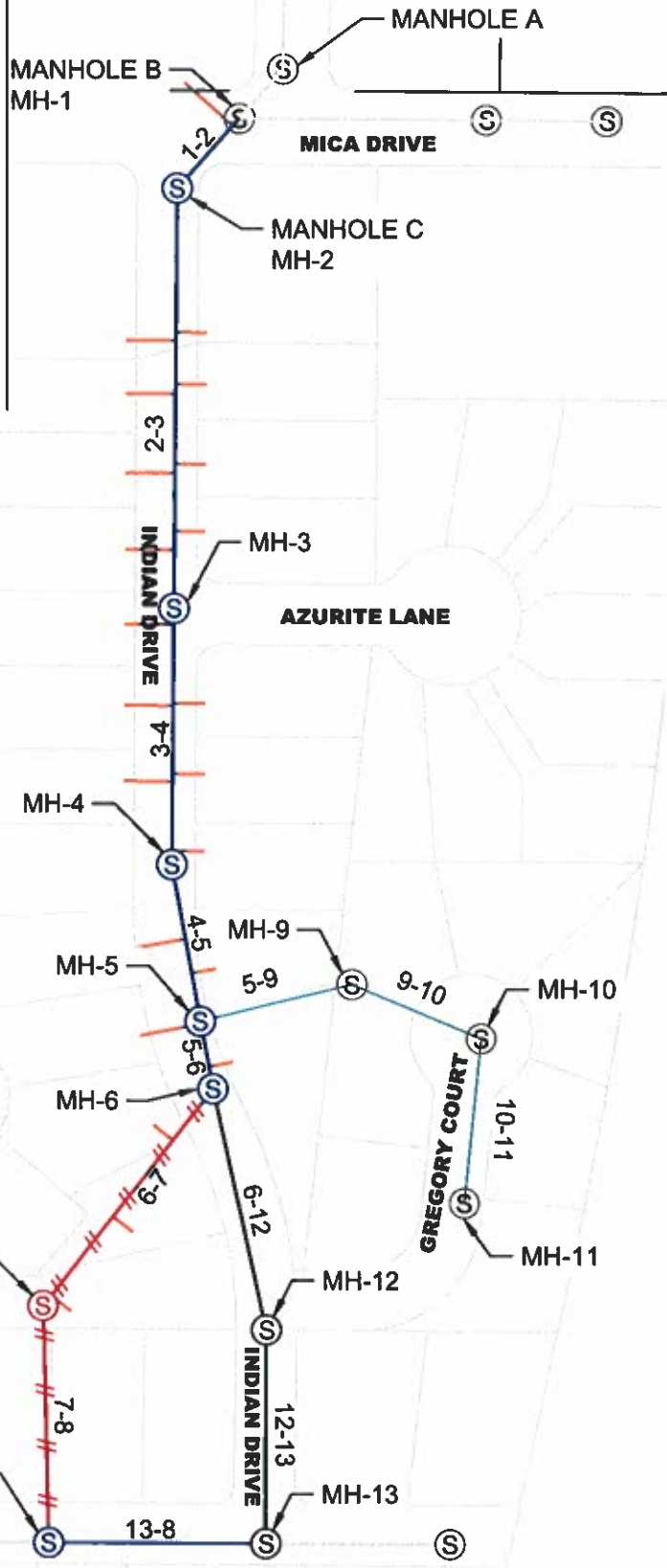
NEW MANHOLE

REPLACE MAIN

REPLACE/REHAB MANHOLE

REMOVE/ABANDON MAIN

REMOVE/ABANDON MANHOLE



308 N CURRY ST., STE 200
CARSON CITY, NEVADA 89703
PH. (775) 883-7077 FAX (775) 883-7114

INDIAN HILLS GID
**ALTERNATIVE 3A: REPLACE AND REALIGN
IN INDIAN DRIVE**

DOUGLAS COUNTY

NEVADA

Date: JAN 2022
Scale: 1" = 150'
Job No: 10500.001
FIGURE 2

35

LEGEND

EXISTING SEWER MAIN (OUTSIDE PROJECT AREA)

8" EXISTING SEWER MAIN

EXISTING SEWER LATERAL

EXISTING MANHOLE

NEW MAIN

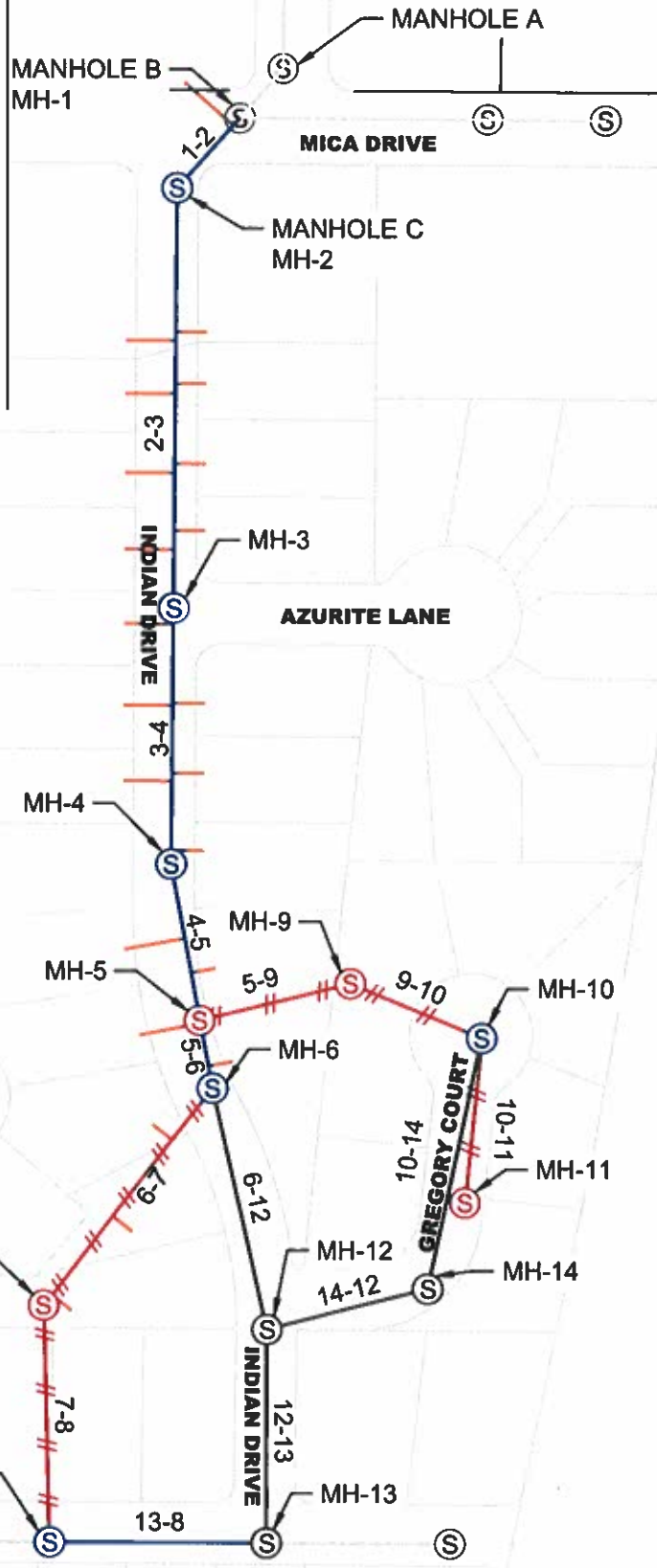
NEW MANHOLE

REPLACE MAIN

REPLACE/REHAB MANHOLE

REMOVE/ABANDON MAIN

REMOVE/ABANDON MANHOLE



INDIAN HILLS GID

**ALTERNATIVE 3B: REPLACE AND REALIGN
 IN INDIAN DRIVE AND GREGORY COURT**

DOUGLAS COUNTY NEVADA

Date: JAN 2022
 Scale: 1" = 150'
 Job No: 10500.001
 FIGURE 3

3/4

LEGEND

EXISTING SEWER MAIN (OUTSIDE PROJECT AREA)

8" EXISTING SEWER MAIN

EXISTING SEWER LATERAL

EXISTING MANHOLE

NEW MAIN

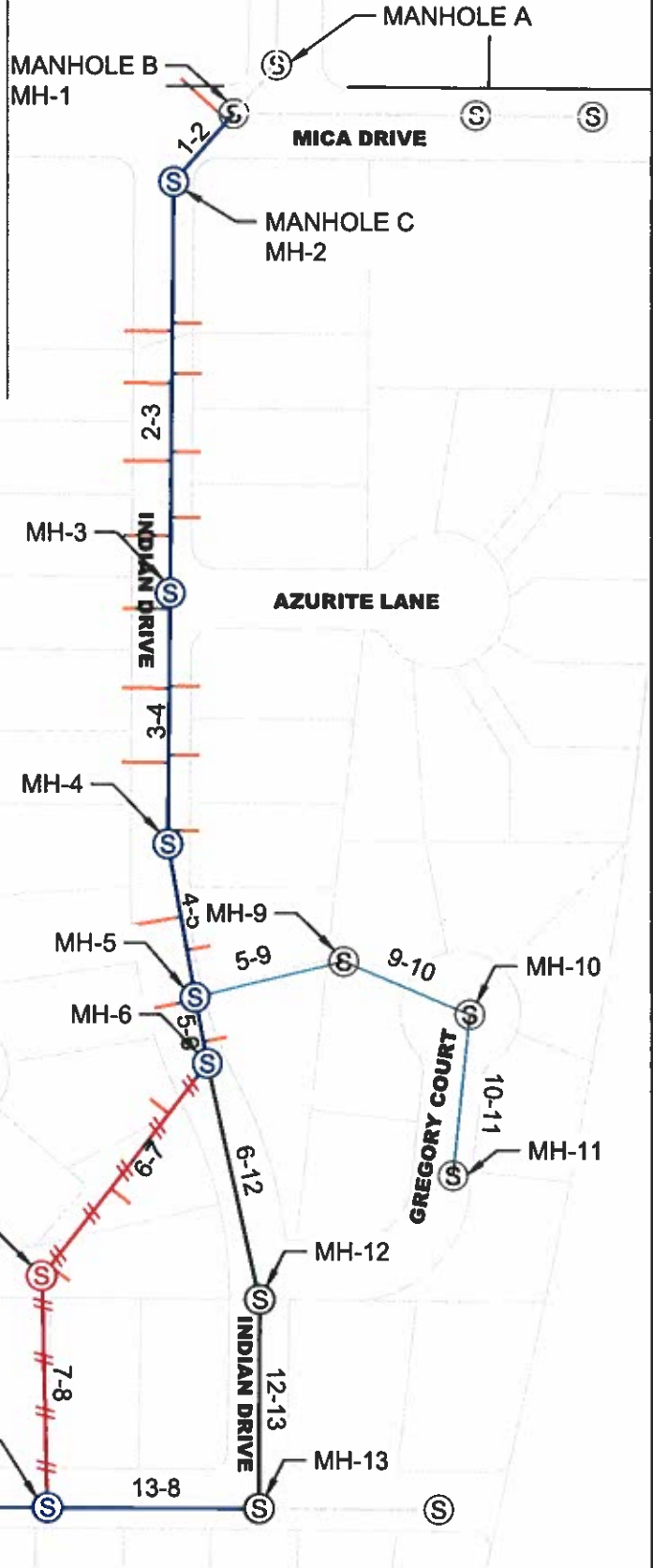
NEW MANHOLE

REPLACE MAIN

REPLACE/REHAB MANHOLE

REMOVE/ABANDON MAIN

REMOVE/ABANDON MANHOLE



INDIAN HILLS GID
**ALTERNATIVE 4A: REPLACE AND REALIGN
 IN INDIAN DRIVE AND VASSAR STREET**
 DOUGLAS COUNTY NEVADA

Date: JAN 2022
 Scale: 1" = 150'
 Job No: 10500.001
 FIGURE 4

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LEGEND

EXISTING SEWER MAIN (OUTSIDE PROJECT AREA)

8" EXISTING SEWER MAIN

EXISTING SEWER LATERAL

EXISTING MANHOLE

NEW MAIN

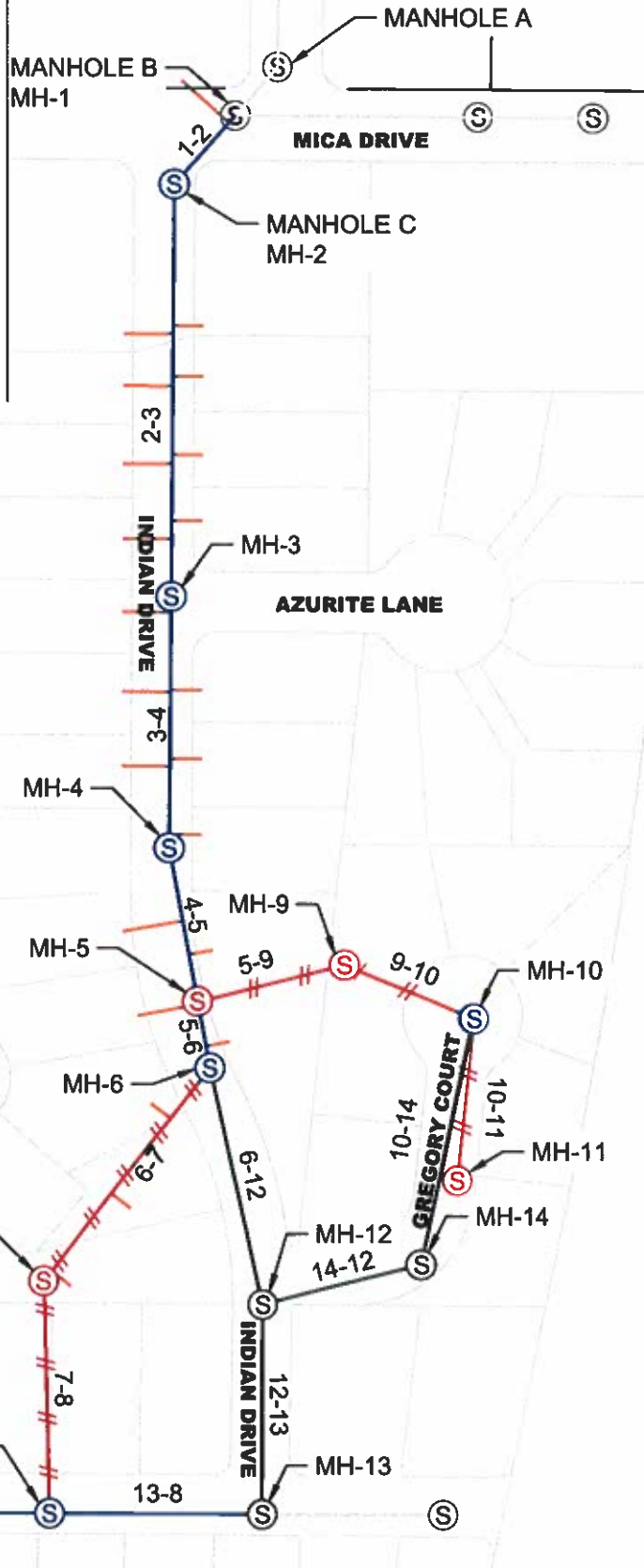
NEW MANHOLE

REPLACE MAIN

REPLACE/REHAB MANHOLE

REMOVE/ABANDON MAIN

REMOVE/ABANDON MANHOLE



INDIAN HILLS GID
**ALTERNATIVE 4B: REPLACE AND REALIGN
 IN INDIAN DR, VASSAR ST, & GREGORY CT**
 DOUGLAS COUNTY NEVADA

Date: JAN 2022
 Scale: 1" = 150'
 Job No: 10500.001
 FIGURE 5

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Sewer Video Review

Pipe 1-2

Upstream: MH-1 (MH IN5-1)

Rim to Invert: 73"

Downstream: MH-2 (MH IN6)

Rim to Invert: 73"

Direction of survey: Upstream

Pipe Diameter: 12"

Pipe Material: Concrete?

Total Length: 72.8'

General Comments:

- Pipe in fair condition
- No visible cracks or roots

Lateral 1:

Distance: 68.2'

Entrance: 10 o'clock

Material: HDPE

Diameter: 8"

Condition: Good

Pipe 2-3

Upstream: MH-2 (MH IN6)

Rim to Invert: 73"

Downstream: MH-3 (MH IN7)

Rim to Invert: 102"

Direction of survey: Downstream

Pipe Diameter: 12"

Pipe Material: Concrete?

Total Length: 344.5'

General Comments:

- Pipe in good condition
- No visible cracks or roots
- Apparent sag 130'-155'

Lateral 1:

Distance: 117.4'

Entrance: 10 o'clock

Material: Concrete

Diameter: 8"

Condition: Fair

Lateral 2:

Distance: 124.3

Entrance: 3 o'clock

Material: Concrete

Diameter: 8"

Condition: Fair

Lateral 3:

Distance: 159.5'
Entrance: 9 o'clock
Material: Concrete
Diameter: 8"
Condition: Fair

Lateral 4:

Distance: 167.7'
Entrance: 3 o'clock
Material: Concrete
Diameter: 6"
Condition: Poor

Lateral 5:

Distance: 224.7'
Entrance: 11 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair

Lateral 6:

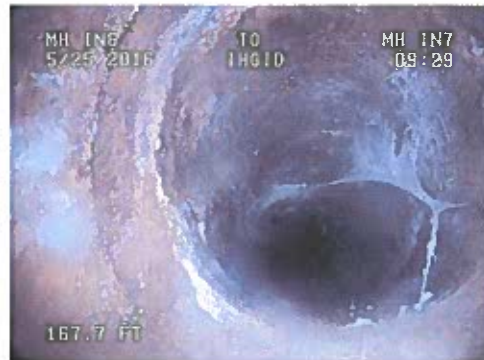
Distance: 232.3'
Entrance: 3 o'clock
Material: Concrete
Diameter: 6"
Condition: Poor

Lateral 7:

Distance: 279.3'
Entrance: 10 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair

Lateral 8:

Distance: 294.6'
Entrance: 2 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair



Pipe 3-4

Upstream: MH-3 (MH IN7)
Rim to Invert: 102"
Downstream: MH-4 (MH IN8)
Rim to Invert: 154"
Direction of survey: Downstream
Pipe Diameter: 12"
Pipe Material: Concrete?
Total Length: 208.8'
General Comments:

- Pipe in fair condition
- No visible cracks or roots

Lateral 1:

Distance: 13.2'
Entrance: 3 o'clock
Material: Concrete
Diameter: 6"
Condition: Poor



Lateral 2:

Distance: 77.4'
Entrance: 11 o'clock
Material: Concrete
Diameter: 6"
Condition: Poor



Lateral 3:

Distance: 79.3'
Entrance: 2 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair

Lateral 4:

Distance: 134.7'
Entrance: 10 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair

Lateral 5:

Distance: 141'
Entrance: 2 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair

Lateral 6:

Distance: 197.5'
Entrance: 11 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair

Pipe 4-5

Upstream: MH-4 (MH IN8)
Rim to Invert: 154"
Downstream: MH-5 (MH IN9)
Rim to Invert: 163"
Direction of survey: Downstream
Pipe Diameter: 12"
Pipe Material: Concrete?
Total Length: 127.7'
General Comments:

- Pipe in fair condition



- No visible cracks
- Prevalent buildups along bottom of pipe
- Heavy root growth at end of pipe in manhole

Lateral 1:

Distance: 61.5'
 Entrance: 2 o'clock
 Material: Concrete
 Diameter: 6"
 Condition: Fair

Lateral 2:

Distance: 89.8'
 Entrance: 11 o'clock
 Material: Concrete
 Diameter: 6"
 Condition: Poor



Pipe 5-6

Upstream: MH-5 (MH IN9)
 Rim to Invert: 163"
 Downstream: MH-6 (MH IN10)
 Rim to Invert: 172"
 Direction of survey: Downstream
 Pipe Diameter: 12"
 Pipe Material: Concrete?
 Total Length: 56.0'

General Comments:

- Roots growing in starting manhole
- No visible cracks
- Buildup and sag 35'-45'



Lateral 1:

Distance: 2.3'
 Entrance: 2 o'clock
 Material: Concrete
 Diameter: 6"
 Condition: Fair

Lateral 2:

Distance: 37.5'
 Entrance: 11 o'clock
 Material: Concrete
 Diameter: 6"
 Condition: Fair



Pipe 6-7

Upstream: MH-6 (MH IN10)
 Rim to Invert: 172"
 Downstream: MH-7 (MH IN11)
 Rim to Invert: -
 Direction of survey: Downstream

Pipe Diameter: 12"
Pipe Material: Concrete?
Total Length: 225'

General Comments:

- No visible signs of cracks
- Roots at Lateral 1
- Pipe in fair condition

Lateral 1:

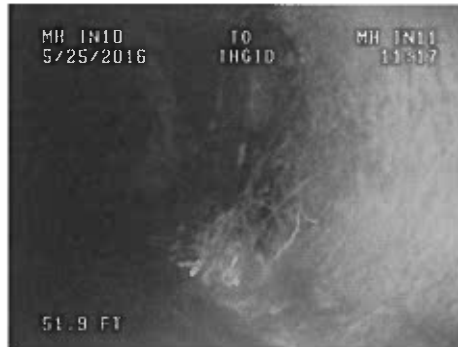
Distance: 53.1'
Entrance: 2 o'clock
Material: Concrete
Diameter: 6"
Condition: Poor, heavy plant debris

Lateral 2:

Distance: 132.2'
Entrance: 10 o'clock
Material: Concrete
Diameter: 6"
Condition: Fair

Lateral 3:

Distance: 213.9'
Entrance: 10 o'clock
Material: Concrete
Diameter: 8"
Condition: Fair



Pipe 7-8

Upstream: MH-7 (MH IN11)
Rim to Invert: -
Downstream: MH-8 (MH V2)
Rim to Invert: 156"
Direction of survey: Upstream
Pipe Diameter: 12"
Pipe Material: Concrete?
Total Length: 190.6'
General Comments:

-

Unknown laterals – full video not available

AGENDA ITEM 11.

Discussion and possible action to approve amendments to the District's Snow Removal Policy 2010P-01.

(General Manager, Chris Johnson)



INDIAN HILLS GENERAL IMPROVEMENT DISTRICT

3394 JAMES LEE PARK RD. #A

CARSON CITY, NEVADA 89705

TEL: (775) 267-2805 FAX: (775) 267-3510

www.indianhillsnevada.com

SNOW REMOVAL POLICY

2010P-01

The purpose of this policy is to establish and maintain uniform definitions and procedures for snow and ice control operations for the Indian Hills General Improvement District. Snow and ice control operations will be provided in a safe and cost-effective manner keeping in mind safety, budgetary, personnel and environmental concerns.

The District has no legal responsibility to provide any form of snow and ice control.

Commencing Snow and Ice Control measures: The General Manager shall decide when snow and ice control measures are to begin. Plowing operations normally begin with snowfall accumulations of 4 inches or more in depth on stage one streets. Plowing on stage two streets will begin when the storm has stopped or as time allows. Lesser amounts may require plowing or other control measures such as the application of cinders depending upon weather conditions. Customary procedures dictate Monday thru Friday (exclusive of Holidays) as having priority over Holiday and weekend snow and ice control operations due to lesser vehicle trips and budgetary concerns.

Mobilization: The General Manager shall notify staff when storm events may require snow and ice control operations. Staff shall ensure that the district issued cellular phones are available to receive phone calls and shall follow directions as issued for mobilization time and place. Call back and other authorized pay will be effective as appropriate to the snow and ice control operation and mobilization. Authorization has been granted to pay District employees overtime during storm conditions which meet the criteria for initiating Stage One and Stage Two of the snow removal plan.

Staff Scheduling: The General Manager shall establish staff schedules for snow and ice control operations with public safety considered as the highest priority. Most snow and ice control operations will commence in the early morning weekday hours in response to anticipated peak vehicle trips. Weekend and Holiday snow and ice control operations will be conducted as determined by the General Manager or emergency services personnel.

Snow and Ice Control Priorities:

- **Stage One:** North/South Sunridge, Mica, Haystack, Smoketree Ave., Plymouth Drive, Vista Grande Blvd. from Plymouth Drive to Jacks Valley Road and Silverado Dr. from Park View to Jacks Valley Rd.
- **Stage Two:** All remaining residential streets, cul-de-sacs (where snow is piled in the middle) and parking lots.
- **Stage Three:** All other areas of public access.

Snow and Ice Control Materials: Cinders and sand are regularly used for both snow and ice control measures. Snow and ice control operations will only be conducted when weather conditions do not endanger the safety of employees, equipment and property.

Additionally, operations will only be conducted when effective.

Operations may be suspended or delayed due to such factors as severe cold, high winds, limited visibility, and rapid accumulation of snow or ice.

Resident Responsibilities and Concerns: It is the District's policy that property owners or their designee are responsible for removing snow and ice from sidewalks abutting their property within 24 hours of the storm ending. The District will not remove snow or ice from private driveways approach, walkways, or sidewalks abutting private property. There may be a certain amount of snow deposited in driveways or sidewalks during plowing regardless of whether they were cleared before the arrival of a District plow. The District understands how upsetting it can be to residents who have shoveled their walks and driveways approach only to have the District come along and cover them up. However, our first priority is to keep the streets clear and open for everyone's safety. The cost of providing adequate personnel and equipment to clear private driveways and abutting sidewalks of deposited snow from plowing is cost prohibitive.

Adopted July 10, 1997

Amended March 15, 2017 April 5, 2023

45

Repair of Damaged Private Property: Snow and ice control operations can cause private property damage even under the best circumstances and care exercised by District staff. Claims for damage shall be forwarded to the District General Manager and the District's insurance provider for resolution.

Snow Removal Policy FAQ

- **The District has no legal obligation to provide any snow removal/ and or ice control.**
- **Plowing operations normally begin with snowfall of accumulations of 4 inches or more in depth.**
- **Snow removal will happen primarily Monday-Friday. (excluding holidays)**
- **Cinders will be applied to intersections and streets with a steep grade depending upon weather conditions.**
- **Operations may be suspended due to weather conditions that may endanger the safety of employees, equipment or property.**

Resident responsibility:

- **Property owners or their designee is responsible for removing snow and ice from sidewalks abutting their property within 24 hours of the storm ending.**

IHGID is not responsible for:

- **Removing snow or ice from private driveways, walkways, or sidewalks abutting private property.**

AGENDA ITEM 12.

**Discussion only regarding Indian Hills General Improvement District's investments to seek opportunities for ROI improvement within allowances prescribed under NRS.
(Trustee, Garcia)**

AGENDA ITEM 13.

Discussion and possible action to approve Draft Minutes from the March 15, 2023, Board Meeting.

Minutes
Indian Hills General Improvement District
Board of Trustees Meeting
District Office
3394 James Lee Park Rd. #A
Carson City, NV 89705
March 15, 2023
Regular Board Meeting 6:00 P.M.

Trustees Present: Chairman Dunham, Vice Chairman Stulac, Secretary/Treasurer Lufrano, Trustee Siegman, and Trustee Garcia.

Trustees Present via Zoom Meeting: none.

Trustees Absent: none.

Staff Present: General Manager Chris Johnson and Administrative Services Supervisor/Human Resources Brooke Thompson.

Others Present: District Counsel Chuck Zumpft, District Engineer Tim Russell, Residents Kathryn Clark-Ross, Kathy Waters, Dallas Debatin, Sharon Buckley, Lynn Dement, Brian Patrick, Tammy James, Ronny Lynch, Ed Terlau, Marilyn Foster, Sharon Silvas, Duane and Nikki Schmidt, Linnea Alvord, Deb and Debbie Walker, Gene Robinson, Pat and Jim Rowbottom, Bill and Penni Eisele, April Stevens, Denise Pierini and members of the public Colette Burau, Dani Andrews, Dennis and Doreen Hoffman.

Others Present via Zoom Meeting: none.

6:00 P.M. - Regular Meeting

1. **Call to Order**
Request that Cell Phones and Pagers be turned off for recording purposes.
Chairman Dunham called the meeting to order at 6:06PM.
2. **Pledge of Allegiance:** Led by Chairman Dunham.
3. **Public Interest Comment:** Resident Brian Patrick stated that he lives at 3334 Somerset and at this point in time he is still pumping water out from under his house. Brian stated not on the agenda what he wants to say is that he would like to point out that are five or six streets that are in calamities disrepair at this time. Our policy has been to raise enough money to fix one street at a time. At this point it takes about four years to raise enough money to repair one street. That being said his concern is he is 72 he does not want to wait 15 years for his street to be repaired because he probably won't be here in 15 years. He asked the Board and the Manager to figure out how to get some money to repair these five streets that are in tragic disrepair.

Minutes of the March 15, 2023, Regular Board of Trustees Meeting

Resident Kathy Waters stated when she first came here, she asked if there was a HOA, then she found out there was a GID. She appreciated what we did last meeting and that was we educated her on what you have been doing, how the GID runs. She has a question about, that might get answered in the future is something called due diligence. Due diligence to her is when she sees a bid come into the board for approval on anything. She has seen it twice is there is only one bid. As a procurement specialist and a former purchasing agent for the Federal Government it was required to obtain three bids, her goal was to obtain all three bids from a local source, if she could not do that she spread out. Kathy stated maybe the board gets bids and information prior to the meeting or maybe it is because it is not in the policies, but she has not seen three bids.

Resident Gene Robinson stated he lives at 966 Sunview. The gentleman that came before him he wants to piggyback a little bit on his comment on the streets. Gene stated that he just drove the entire GID before the meeting and many, many of the streets are completely dilapidated, they are in an untenable condition and looking at minutes from the past meeting there was a lot of commentary about speed bumps, we can all agree about the residential speeding and the new arrivals moving in here has accelerated the speeding problem. If you are contemplating speed bumps in the district he does have a diversion Smoketree, South Sunridge a lot of people would be adverse to implementing speed bumps. There are a lot of elderly folks that live in the GID. A lot of them have had surgeries and they don't need those kinds of impediments like speed bumps that would aggravate their issues. He just wanted to touch on that some of the streets are pretty dilapidated as we all know and he would not be focusing on anything other than that.

Resident Duane Schmidt stated that he lives at 992 Sunview drive he is one of the four houses that backs up to the park and directly behind his fence is dirt, water is always pooling there. When we get a lot of rain the water comes into his yard, and his neighbor just to the east of him and it is quite substantial. Is there something that can be done about that in the near future, so he does not have any more flooding happening. It is like a lake right now.

4. Approval of Agenda

Trustee Garcia motioned to approve the agenda. Secretary/Treasurer Lufrano seconded. Motion carried unanimously.

5. Presentation of Service Awards to Kathryn Clark Ross and Bill Eisele for their years of service to the Indian Hills General Improvement District Board of Trustees.

General Manager Chris Johnson presented Kathryn Clark-Ross and Bill Eisele with service awards for their years of service on the Indian Hills General Improvement District.

Resident Kathryn Clark-Ross thanked General Manager Chris Johnson and the board; it was her pleasure to serve on the board. She did not expect this crowd tonight. Resident Bill Eisele thanked General Manger Chris Johnson.

Trustee Garcia thanked both Kathryn Clark-Ross and Bill Eisele for their time on the Board and applauded them for the service they gave.

Secretary/Treasurer Lufrano thanked both Kathryn Clark-Ross and Bill Eisele for their time on the Board.

Chairman Dunham thanked both Kathryn Clark-Ross and Bill Eisele for their time on the

Minutes of the March 15, 2023, Regular Board of Trustees Meeting

Board.

Vice Chairman Stulac thanked both Kathryn Clark-Ross and Bill Eisele for their time on the Board.

Trustee Siegman thanked both Kathryn Clark-Ross and Bill Eisele for their time on the Board.

Public comment: none

6. Discussion only regarding the South Sunridge Dog Park.

General Manager Chris Johnson stated the Board requested to have further discussions on this item.

The Board discussed this item at length.

Public comment: Resident Pat Rowbottom stated she owns a house in South Sunridge and has for 15 years. She has two dogs and walks the neighbor all the time, the park has been wonderful, and it is enjoyed so much. She has met a lot of good friends. Pat stated that she is retired after working for civil engineers, planners, surveyors, environmental consultants in California but before you peg her as some City girl she spent 45 years of her life in Bishop. To talk about the dog park, to be objective she likes to put pros and cons. She will make one comment about dog diseases, they all spend a lot of money on vaccines for their dogs for Bordetella and dog flu that is because of contamination from other dogs. They keep their dogs somewhat away from other dogs most of the time, they can get sick by communicating with the other dogs, so it isn't a matter of feces so much. Just to clarify one point about disease. Pat made a poster with pros and cons, she sees one pro and that is so big dogs can get in there and run around without a leash, cons are dog flu, Bordetella, no leashes, barking, devaluation of adjacent property, no supervision, abandoned dogs, dog injury, first aid, nuisance, and no parking. There is a bad issue with drainage over there, we should put a cornhole area in there.

Resident Lynn Dement stated she lives on Mica Drive one thing she wanted to say it is a misinform that we are calling this a dog park, dog parks are not usually placed in the center of a residential park in the middle of a neighborhood, they are usually away from homes, so they don't create issues. We now have well this would make the sixth dog park just because we have grant money does that mean it has to be used for a dog park, if so let's not use it. A lot of the board has been saying there are a lot of people who want a dog park well where are these people that want a dog park. They put it out on next-door she only saw cons on next door no pro comments. She is not against dog parks most people are not but there is a time and a place for them, and it is not in the middle of a public park, it is only about forty feet away. It is a waste of money when it has already been proved that it doesn't work in that area, she does not think Douglas County will be too happy it is a waste. Lynn asked who is going to take care of issues with disease, who is going to close the park. You said your mission statement is to create pleasure for people, are you sure you are. She thinks it is an excellent idea to get a petition and she thinks it was handled poorly from the get-go. It is a big deal and it is poorly handled, it should have been brought to people's attention another way. She is asking the board table this until something is put out to the whole community pro or con.

Resident Linnea Alvord lives on Vista Ridge and she is here as a neutral but generally speaking advocating for it because it is a community aspect. Being here for two years now there is very little

community building for the younger population and dog parks is one place that young people can come to congregate, we don't come to senior lunches we are still working but we do get out and exercise, we are physically active people, and they enjoy connecting through our social activities such as dog walking. Linnea stated that her dogs don't need to be in a park, they don't need to be confined they are larger dogs they don't need to freely, that is a perception of maybe non dog owners as well as small dog owners that big dogs need to run around like crazy people. That is not the case, there is no scientific proof from the dog community having been a dog trainer, there is no scientific proof that small dogs need to be separated from large dogs. It is the anthropomorphism of the human believing that their dog is like a child, and I can't have my tiny child be next to these larger bullies, enough said. Linnea stated that she could go either way with this proposal, but she urges you to consider the composition of the dog park because going from grass to DG, DG this is not the most amenable surface for community building. It's dusty, that is why people don't go to Fuji and why this park is used predominately by locals that is close to home by the way. Many go to Stephanie, we need grass. Carson is going to convert Fuji to grass. So, she urges you to consider those things.

Collette Burau stated that she is a realtor with ReMax Realty Affiliates she just wanted to touch on the thought that it will devalue property. When people look to purchase they are not just purchasing a house, they are purchasing a live style and parks are a big part of why homes are attractive to them. Dog parks are an aspect that people consider, dog parks come up all the time they like having dog parks within walking distance of their homes as opposed of having to drive to a dog park. They have not found any verifiable facts that a house is less valuable because it is near a dog park. In fact she just sold a home in Carson right across the street from Sonoma park, a dog park and that was one of the selling points. She just wanted to dispel the thought that homes are less valuable because of dog parks. She lives in Carson and sells here, she has utilized dog parks herself as a real estate agent in this area for 33 years. Dog parks have never been considered a negative selling feature to selling a home. She is not minimizing your issues on this dog park but thought she would come here and speak to it and help explain that.

Resident Nikki Schmidt stated that she is one of the four residences that backs up to the dog park. She has a concern one being parking in the area, that is a little cul-de-sac right there she would hate people to park in front of houses. Maintenance and being backed up to that area they will hear dogs bark all the time, which would be a con for her. Her dogs would be stirred up all the time because it is such a close proximity. Talking about selling and having it so close might her is a concern. A pro people do now take their dog off leash now, that is a pro. If there is any other spot to look at please consider it, she would appreciate it because it will be in her backyard. The DG is a concern, and it would be dusty. Dog parks are great, she wouldn't utilize it. Hopefully you will find a different area not so close, maybe by the basketball court and walking area.

Resident April Stevens stated that she lives on Parkview she doesn't own dogs, so she is actually neutral on this. Her concern is, did we do any studies on drainage of the area. She hears we are going to put DG and people are concerned she would think lawn would be better so it will absorb more water and urine. Her concern is urine not sinking in DG and grass how would you water it. How will it drain, we are always being told don't put anything in the storm drains because it is bad. Urine and poop are part of that and bad. We should move the fence, it is not far enough from the houses, the rules is there going to be an age limit, are you going to allow 3,4 and 5 year olds in there

with a bunch of dogs running around that would be a problem. Maybe an 8 year old goes in there and can't control his dog because of the other dogs. We need to look at the rules.

Resident Ronny Lynch stated that he lives at 987 Blueridge, he has been a resident for 25 years and a resident of Douglas County for 56 years. When he first came to Douglas County his brother brought him here to fly an airplane. He was brought up in New Orleans when he was 8 years old. His mom and dad took him to see a movie called National Velvet. It had the most beautiful dog in it, called Lassie. He thought one of these days he is going to get a collie dog. He and his wife have a dog ginger he walks her every day unless snow it too deep or rain and wind is awful. It takes him 34 minutes to walk .60 miles. The doggers that use the park all seem to enjoy the park, he loves telling everyone at Sunridge we have a dog park. One little dog that he gets a kick out of gets there early in the morning and throws a frisbee. The frisbee goes behind him and he gets it. Ronny stated that he feels the board is giving us something that we really don't need. One thing you can give us is when it snows, we can't get to the park, it is ridiculous we can't clear the snow. Clear at each end it is not done he would like to do it, but something happened to him he likes to help people, but he can't clear that snow because someone along the way is going to complain about it. If he could do it, he would but he will get sued.

Recess 7:28PM

Reconvene 7:36PM

Resident Brian Patrick stated he lives on Somerset. Brian stated that he has been off the board for four years, he served for thirteen years. One point in time in the distant past we got a call from the County they said we have \$5,000 if you want to build a dog park, we built a dog park. Part of the problem with Sunridge park was the water expense, how many gallons of water it used and what are we going to do. They, the board brainstormed a little bit, he wanted bocce ball John wanted shuffleboard, corn hole came up, it is a great idea. Nothing ever came of it because it was too expensive to do. He was off board and at some point in time the County called us and said we have \$50,000 for you if you want to build a dog park, we didn't ask for it. I may be wrong but no one called the county and asked for it. No one ever called the County and asked if we could do something different with the money. Fast forward he was not on the board when this came about, here we are now it is a grand sum of money however the question comes to mind could we have called the County and asked if we can do something different with the money and can we still call the County and ask if we can do something different. When someone comes to you with a bucket of money it is usually a leprechaun.

Resident Jim Rowbottom stated there are three main walkways into our park and they all meet at the green bench, they sit and chat and the dogs play with each other. The one thing, besides all these reasons, it comes down to they do not want the park. But at the same time, he used to be a professional union negotiator sometimes you run into a stall mate. You have to have someone come up with an alternative solution that everyone can live with. Why don't you put the park on the west side of North Sunridge park. There is a lot of grass it can be away from the playground, parking you can all along North Sunridge there are no driveways so you could park adjacent to the park they would not block anyone's driveway. You will have the park, the engineer is not getting screwed, the realtor can still use the park as a selling point. That is his suggestion for an alternate location.

Resident Sharon Silvas stated that she lives at 998 Sunview drive right behind the area you are

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talking about. Sharon stated when John was in charge, she was walking her dogs and John was out there measuring an area she asked him what he was doing, John said we are thinking about putting in a dog park here. Ok she didn't think much of it, it wasn't a big area, it wasn't that big of a deal it was small and away from her home. Now she sees this, and she just about flipped she couldn't believe it, the size of it, you talk about water, just quit watering so much, reprogram the sprinklers. It is way too close to their homes, no one wants their dogs in dirt that is why they take them to the dog parks with grass. It is ugly, it will create an eyesore in this area, it is not necessary. Everybody loves the park the way it is.

Resident Sharon Buckley stated that everyone has made so many comments that she was going to make, she lives at 1039 Mica drive, right above the proposed park. All the negatives and cons that have been presented she is not going to reiterate that she thinks made it very clear in the letter she sent to the board, and she appreciates them taking time to read it. She will reiterate Sharon's comments about the watering she has lived there almost 18 years and overlooks that park, the majority of the nights she is up looking out the door and sees the park watering four times a night, four times. Three quarters of the water is soaking the street, it is an ongoing challenge there. When you do go walk your dog early in the morning, it is a fog out there the majority of the park is so wet. It is a problem, she brought it up to the previous General Manager and she won't repeat the comments she got from him. We are going to have a ton of mosquitos this year. If the big thing is about saving money on water, there stop watering so much. There was a gazebo, park benches, trees out there and no one used it and then it was all gone, tore up and was such a waste of money. Her proposal here is this park and approval and agreement needs to be an entire district decision, you have 2,100 homes here that need to be polled at to whether or not this is something this neighborhood wants and if they would they actually use it. Sharon stated that she just had a \$750 vet bill from someone's dog attacking her dog last time she went to a dog park. So, she will not be using it. There is no reason you can't send out a questionnaire about the dog park could be sent, you send out 2,100 bills each month get the public opinion before you do it, and they can send it back. There is a wide-open space between L'adagio and the golf course that is a great area, all you need to do is remove some sage brush, it is wide open and a huge open space. That would be a great area instead of ruining the park.

Resident Lynn Demet stated this is going to come across sort of bad, but she doesn't mean it to be that way. She just wanted the board, especially the new members you came in with already approved. She is just wondering, can you really look at yourselves and say I really researched this, and am I qualified to vote on this because you looked at everything, is this is a good idea. She did not mean that in a nasty way.

Resident Gene Robinson stated that he had a prepared statement. He does want to say one thing about grants, it is a very seductive word, the word grant. There is no free money, there is no free lunch. The money from grants is derived from deficit spending, whether it be at the local, state or federal level. There is no free money. He would be more impressed to redirect the money back to Douglas County for an understaffed Sherriff's department than build a dog park. Here we are putting the cart before the horse again. The core mission of the GID is streets, water and sewer we are failing to maintain our streets. Many are negligent and in disrepair. South Sunridge park is now a finished project as far as they are concerned, they don't want pathways or bikeways obstructed with an untenable dog park. The residents do not wish to fund an ever-expanding jobs program for Lumos and Associates or GID staff while streets are still falling apart within the GID. The current

arrangement of people walking and comingling with their dogs is not broken, it has been working for years and does not need to be fixed with a dog park. It is too close to adjacent homes, it is not even the distance of a residential lot that is 80 feet this is about 40 feet, a dog park should not be placed even if there is just one house. It obliterates the green belt that is already there, and the pathway that is not compatible with the basketball court which is in need of repaving, and they do not want it altered in any way. He is totally opposed to any more amenities at the parks until the core mission of the GID is done. Here nor are those of us being gentrified by runaway inflation wishing any additional cost, fees and need for new taxes to be placed upon us at this time. While we have a one-off grant to construct this thing we do not have a conveyor belt grant to maintain it so at some point down the line there will be a cost to maintain it, it wont be a free lunch.

Resident Ed Terlau stated he was here when the first dog park was built after it was built, they didn't know about this. As soon as it was put in there was no questions about it, the first thing the dogs did was go straight to the fence. Dog parks are very precisely put most of the time, South Sunridge does not have a spot for it. Maybe on that northwest corner at North park would work but wherever you put it there will be issues no matter what. Just because you got the money doesn't mean you have to spend it. There are a lot of people who won't use it and he probably won't use it. He strongly recommends that we reconsider, he does not think it is a good match for that small real estate there.

Resident Lynn Demet there was a suggestion by Bob to look at separating it for a small dog and a large dog area. There is no room for that, national recommendation is .50 acres for a dog park and you divide that little bit of land in half, it is not feasible, there is no room for a dog to run.

Resident Pat Rowbottom stated, you need to do something with that corner. It needs no more water; it needs a retaining wall and a slope for drainage. It needs an apron so it drains on to the street on Sunridge you have a problem to solve you can't leave dirt at grade it is now. If you do anything please build up the grade and put in a retaining wall, they pump from under their house all the time. It is all a park liability she doesn't know why they have been so polite and kind so far.

Resident Denise Pierini stated that she had no idea she was going to be speaking tonight. Denise stated that she has lived in this neighborhood for over 40 years. She has about twelve neighbors that back to her, she has one of the largest parcels in this district. She loves dogs, cats, birds she loves them all one thing she can't stand is when dogs bark because she is in her yard, and she has an acre. Common sense tells her that if something I am doing with property is going to affect homeowners, there opinion should have the heaviest weight. She is grateful that she had the privilege to do this job and served with all of them. We need to if you don't hear anything else here, she used to take her dog to the river. She doesn't know if you are thinking about a dog park because you are thinking about the dogs or is this a social experience. The major thing she considered with this dog park was how the neighbors felt, you live by an alley, dogs yap when people or other dogs walk.

Board of Trustees further discussion/comment: The Board had further discussion on this item.

7. Discussion and possible action to approve a proposal from Lumos & Associates in the amount of \$9,800.00 for Civil Engineering Services for the South Sunridge Park Dog Park.

General Manager Chris Johnson stated you have the proposal in front of you, this is for the design for the dog park which has been discussed tonight.

The Board discussed this item.

Public comment: Resident Lynn Demet stated that she likes things in black and white and there is a lot of maybe's the one thing written in stone is money. You need to make darn sure you know what is going to happen to that. She agrees that this item should be tabled until you find out what exactly it is going to cost without any money coming out of the GID.

Resident Duane Schmidt stated out of the three years you didn't get any kind of budget. You have no quotes from contractors. So, in three years there is not even a design.

Board of Trustees further discussion/comment: The Board agreed to table this item pending answers to a few questions that Chris will find out from Douglas County.

8. Discussion only regarding the District's Snow Removal Policy 2010P-01

The Board discussed this item at length.

Public comment: Resident Ronny Lynch asked to speak first, he has an issue and can't leave his wife for long periods of time. Ronny stated that he knows Chris anything he says, it does not mean Chris isn't doing his job, he knows how hard snow removal is. He fell in his driveway, he slipped on his back from the ice. Ronny stated that he is 86 years old and keeps himself in good shape riding his bike and walking. He had this terrible fall, which scared the heck out of him, and it has taken him 2 months to recover. There are a lot of people his age, there are two dangerous areas east Mica at the intersection of north and south Sunridge coming together, the other is on east Mica at Smoketree, both have cross walks. The one at east Mica and Smoketree does have a blinking light to help cross, as snow comes down it packs the snow as cars go over it. It is hard to walk on the ice across the cross walks his concern is someone slipping on the ice and hurting themselves and possibly being hit by a car. The other day he was in the middle of the cross walk snow piles up at the entrances making it difficult to cross sometimes they can't even get to the button to activate the crosswalk. He wishes there were some way to solve that problem someone will really get hurt here. Ronny stated he knows how hard it is to remove the snow, Chris is putting in a new light at north and south Sunridge but that will not take care of the ice that packs down. Ronny stated that he is afraid someone is really going to get hurt. Thank you to the gentleman that clears the path to the south Sunridge dog park, you can't get to it because the snow is piled up, it needs to be cleared. His other concern is the post office, the areas where the mailboxes are also packed down and is ice. When they plow the snow is stacked up against the curb and you can't get to the mailboxes, he is really concerned that someone is going to get hurt some day.

Resident Brian Patrick stated the only question he has, last week he had an ambulance come to his neighbor's house and the fireman had to shovel snow to get to the house from the street. The questions is hydrants, you have someone's house burning down and the fireman don't know where they hydrant is, what are we doing don't. He does not know how you want to call this. The other

thing is there is money budgeted for snow removal. If that is not the case could it be budgeted. Whatever that figure is if you do, is it a possibility to carry it over if you don't spend it each year. It is something to think about. The other idea are there other snow removal policies within the County that you could look at and find things that might be important.

Resident Ed Terlau stated that he has been running around and plowing this season. This season hasn't been coldest or the snowiest what it has been is storm after storm, it is an unusual year. The mailboxes at south Sunridge he hits that as soon as he can, he shovels out and pushes as much away as he can. The one on Mica you are not going to get it going the right way because you have a driveway exc. Ed stated that he wishes there were more volunteers, there used to be three other guys who did this. There is nobody in the south, he was under the understanding that it is 48 hours to clear sidewalks. He does a bunch of sidewalks.

Resident Denise Pierini stated the only reason she is addressing this is because you all know that she is from the lake, she gets a lot of snow up there. She drove that road for years; she knows about extreme weather. This has been a horrific winter, the fire hydrants are extremely important. The problem she has was you have to get the sidewalks clean. The rain gutters, the water does not go down to the drain it freezes in the gutter then you have a hard time getting out of your driveway. She did come and talk to someone here when the plow came down her street, but the staff needs a little better training with the plows. They took out the sidewalk everything was piled right in front of the fire hydrant and in front of the mailboxes, there are folks in the neighborhood to have mail delivered in front of their house. The gutters need to be cleared for drainage.

Resident Tammy James stated that she lives on Placer Court, she is a 32-year resident. Tammy stated that she likes Trustee Siegman's comment, she concurs with you 100%. No more phases the problem is they are going to get an expectation of what you are going to do. We are doing it as a courtesy. We do have to clear our own sidewalks and fire hydrants in front of your house because that is what residents do. Don't get caught up in phase one, two, three, remember you are doing it as a courtesy. Otherwise it is going to become part of the budget, if that is what you want to do then that is what you will do but as of right now it is good. You clear the roads, everyone takes care of their own sidewalks, we have volunteers to help clear the mailboxes that is what residents/communities do. That is what we are supposed to do. If you change it, you will have to find money in the budget.

Dallas Debatine stated he is a resident for two years. You guys did a wonderful job, it is unbelievable what you guys have done this year.

Board of Trustees further discussion/comment:

9. Reports to the Board:

a. General Manager Report

General Manager Chris Johnson reviewed his report with the Board.

1. Administrative

General Manager Chris Johnson reviewed the administrative report with the Board.

2. Water

General Manager Chris Johnson reviewed the water report with the

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Board.

3. Wastewater

General Manager Chris Johnson reviewed the wastewater report with the Board.

b. District Accountant Report

General Manager Chris Johnson reviewed the accountant report with the Board.

c. Engineer Report

District Engineer Tim Russell stated building on what Chris said, we had one bid on the Indian project and it came in well over the estimate. They will come back next month with a game plan on how we want to proceed with potential rehabilitation on the sewer line.

d. Attorney Report

District Counsel Chuck Zumpft stated that he has been doing some research for another client related to fire hydrant snow removal the partially applicable statute states it is the responsibility of the private water company's responsibility to remove snow, that is from public utility commission regulations, but PUC regulations do not apply to government entities like this one. Although he found an exception to that too although not related to hydrants. The point is as he sits here right now, he is in the process of determining who is responsible for the removal of snow around hydrants and when he gets that answer as it relates to general improvement districts, he will share it with you. Number two he does not know the legal justification for it but one of his clients Kingsbury General Improvement District has two enterprise funds, one enterprise fund for water and one for sewer, the also set rates and collect fees for snow removal. He does not know the statutory authority for that but it is a service and services cost money. Their snow removal budget is in the hundreds of thousands of dollars, but it is paid through fees charged to residents. He does not know if that applies to this GID, if this is a once in a 100 year storm system then we don't have to worry about it. It might be a worthwhile topic for the district to look into if the district can charge a fee for snow removal. He will try to fill that in for you in the future.

Public comment: Resident Brian Patrick stated he has been worrying about the project on Indian. There are five or six streets we cannot wait five years to fix a street. Every time you turn around to get another street repaired you need to figure out some way to finance getting these streets, they need to be repaired. We have a big problem with our streets, we can't sit there and say we are going to pay cash. If you thought about that when you bought your house, you would never buy a house or a car. You have to get a loan, it is Chris job, it is Tim's job to go find what is out there. You have to fix this stuff fixed.

Resident Tammy James stated that she lives on Placer court, she is hoping she is one of those streets it is alligatored and cracked, it is bad. Tammy stated before she would spend money on a snow removal fee, she would donate money or pay more or a fee for roads. She doesn't know who would pay for snow removal for a winter like this that doesn't happen very often. They have been waiting

15 plus years she thinks money spent better for repairing roads than snow removal three or four months out of the year.

10. Discussion and possible action to approve Draft Minutes from the February 15, 2023, Board Meeting.

Public comment: None.

Trustee Siegman motioned to approve Draft Minutes from the February 15, 2023, Board Meeting. Vice Chairman Stulac seconded. Motion carried unanimously.

11. Chairman and Trustees Reports, Correspondence

Under this item the Board Members will briefly identify relevant communications received by them before the meeting, or meetings attended, or potential business of the district. No action will be taken on any of these items, but a member may request such item or topic be placed on a future agenda.

Trustee Garcia requested to have an item on the April meeting agenda to discuss the district's investments and what options are available to us.

12. Adjournment

Vice Chairman Stulac motioned to adjourn the meeting. Trustee Garcia seconded. Motion carried unanimously.

Meeting adjourned at 10:10P.M.

FINAL APPROVED MINUTES AS PRESENTED

**Secretary/Treasurer
Vicky Lufrano**

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