



City of Red Lodge Pool Presentation | January 28, 2020



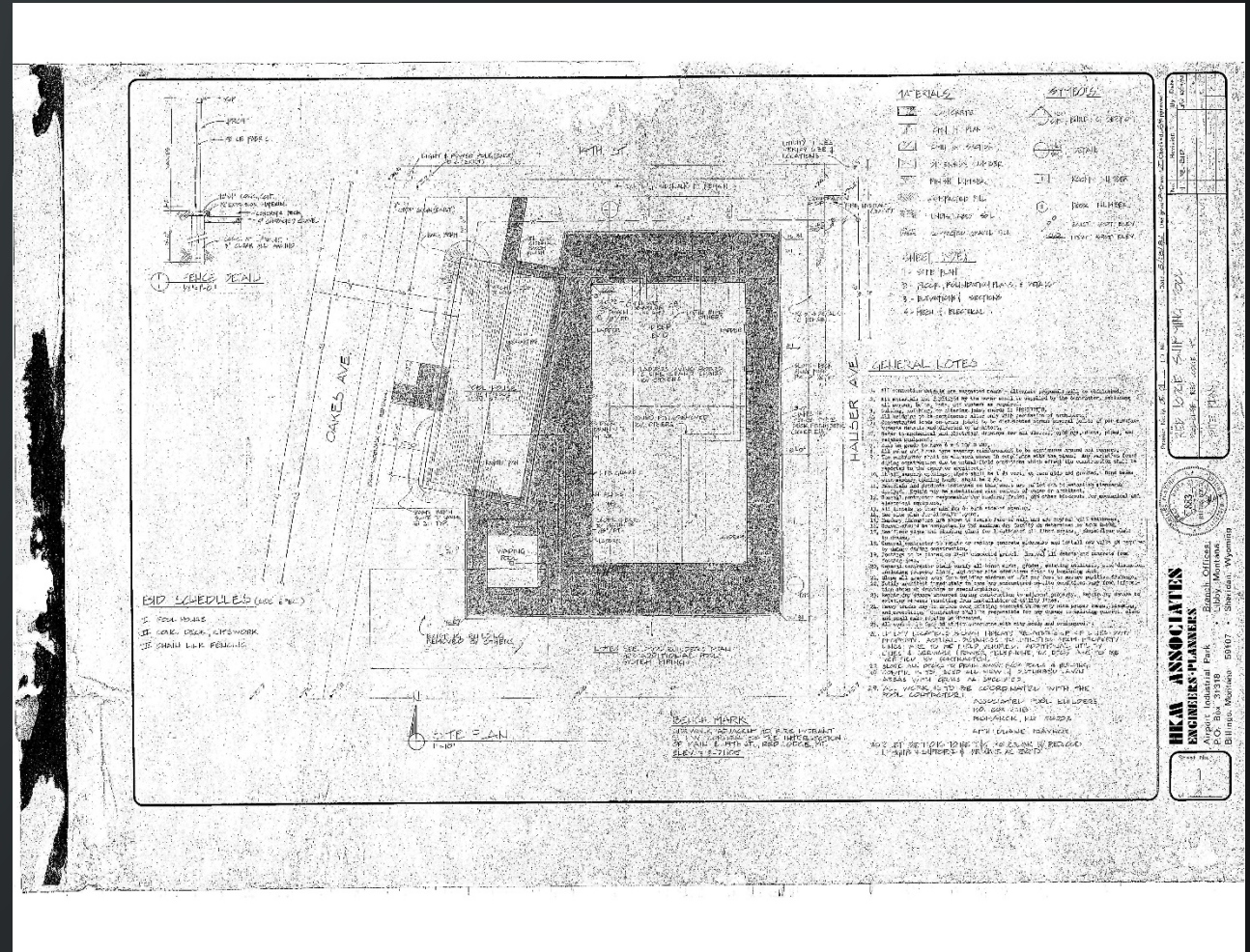
Team Introductions

- Brent Moore, Regional Vice President
- Brian Milne, Lead Pool Designer
- Kaden Bedwell, Pool Designer
- Red Lodge Surveying



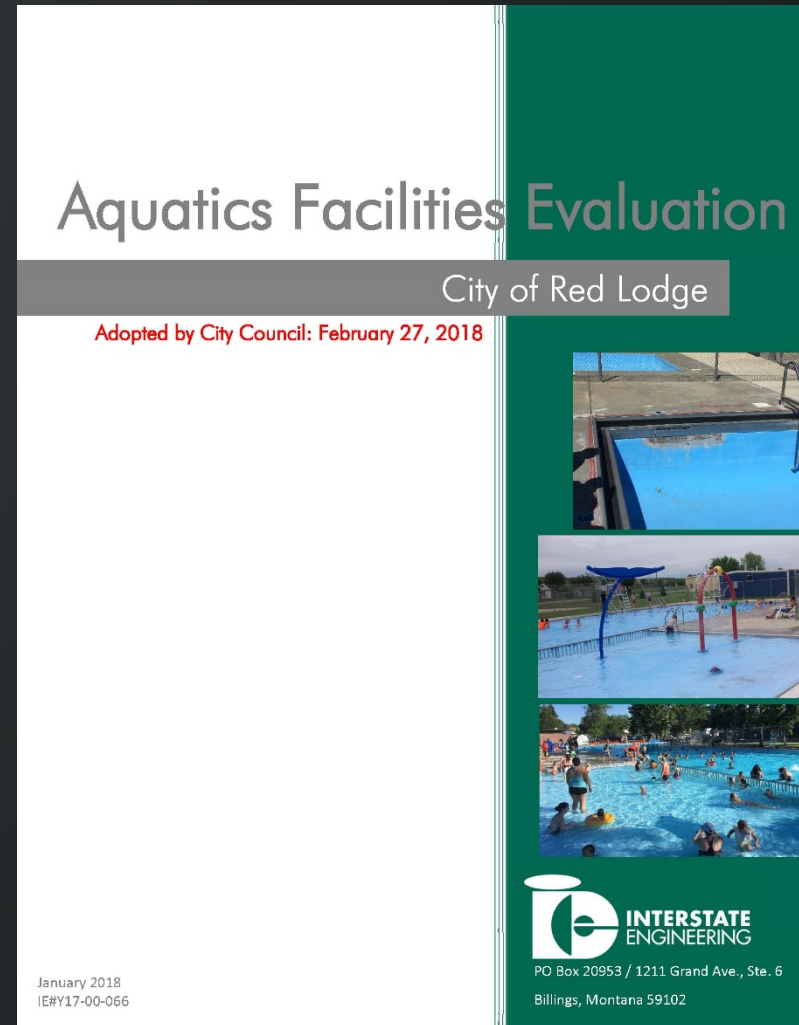
Project History

- Existing Pool Constructed in 1983
- Planning for Replacement Started in 2017



Feasibility Study

- Alternatives considered
 - Replace
 - New Location
 - Indoor Pool
- Decision to Replace in existing location



Public Involvement

- Informational Meetings
- Stakeholder Interviews
- Survey
- Public Presentations



RED LODGE CITY POOL

Pool Feasibility Study

PUBLIC MEETING/OPEN HOUSE

TUES. SEPT. 12, 2018

CITY HALL (1 SOUTH PLATT AVENUE)

5:30P - 6:45P

5:30 Open House | 6:00 Presentation with Q&A

The City of Red Lodge is conducting a pool feasibility study and is inviting you to dive into the process. Learn about how the study is conducted and provide valuable insight into what can be done to make the pool a stronger community asset and destination focus.



Option B: This option is similar to the original Option III, except there will be a stand-alone splash deck as a future addition. This option includes:

- Removal of the existing pool tank, wading pool, concrete decks, piping and fence.
- Construction of a new irregular shaped pool in the same location as the existing pool with a slightly smaller footprint.
- Construction of a new pool that will have a stainless steel gutter system and a concrete painted pool shell.
- Providing a new rapid sand filter system, new pool heater, and new chemical feed system; all located outside in a secured fenced area.
- Remodeling the existing bathhouse to use area previously designated for pool heater and chemical feed storage for a family change room and office area.

Option B – New Swimming Pool at Existing Site				
<i>Item</i>	<i>Capital Cost</i>	<i>Annual Payment</i>	<i>Annual Estimated O/M Cost</i>	<i>Total Estimated Annual Budget</i>
Base Pool	\$1,512,500	\$112,000	\$55,000	\$167,000
Splash Deck/Features	235,000	14,000	12,000	26,000
Tower Water Slide	208,500	12,000	10,000	22,000
All Option B Alternates		138,000	77,000	215,000

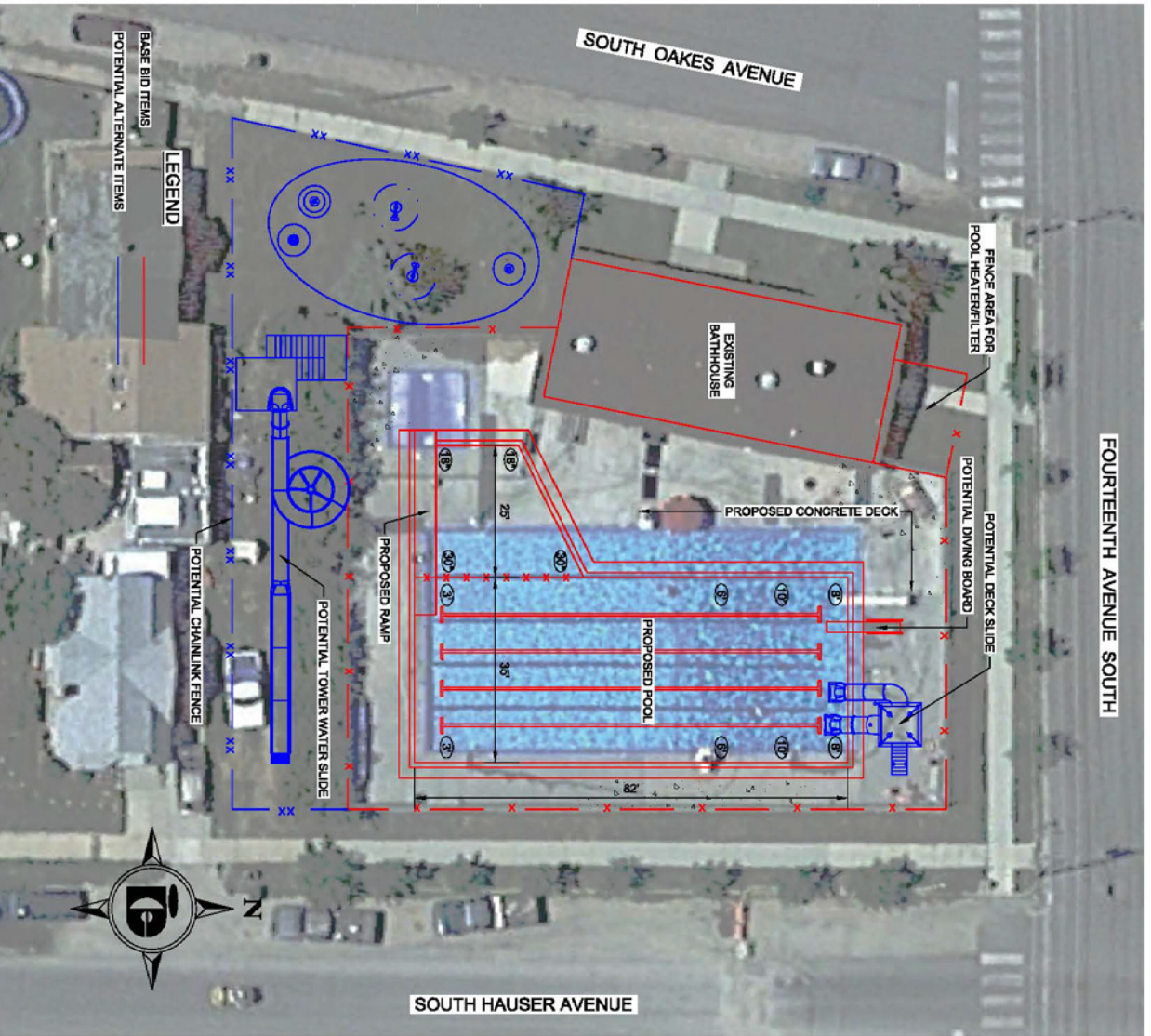
OPTION B



POTENTIAL DECK SLIDE OPTION



POTENTIAL SPLASH PARK OPTIONS



Sheet No. **B**



Professional seal, license and title

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Billings, Montana 59104
Ph: (406) 228-1800
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www.interstateeng.com

CITY OF RED LODGE
RED LODGE POOL OPTION B
RED LODGE, MONTANA
Drawn By: A.M.S.
Checked By: J.R.S.
Project No.: Y170206
Date: JULY 2017

Revised	Date	By	Description



Summer of 2019

- Pool Closed
- City allocated funding to complete 30% Design and evaluate funding options



Base Pool Renovations

- New L-Shaped Pool with Zero Entry, increasing size of wading area and improving accessibility
- Fenced area expanded, more area for pool lounging



Base Pool Renovations

- New Concrete painted pool with stainless steel gutters
- Durable, commercial design for cold climate



Base Pool Renovations

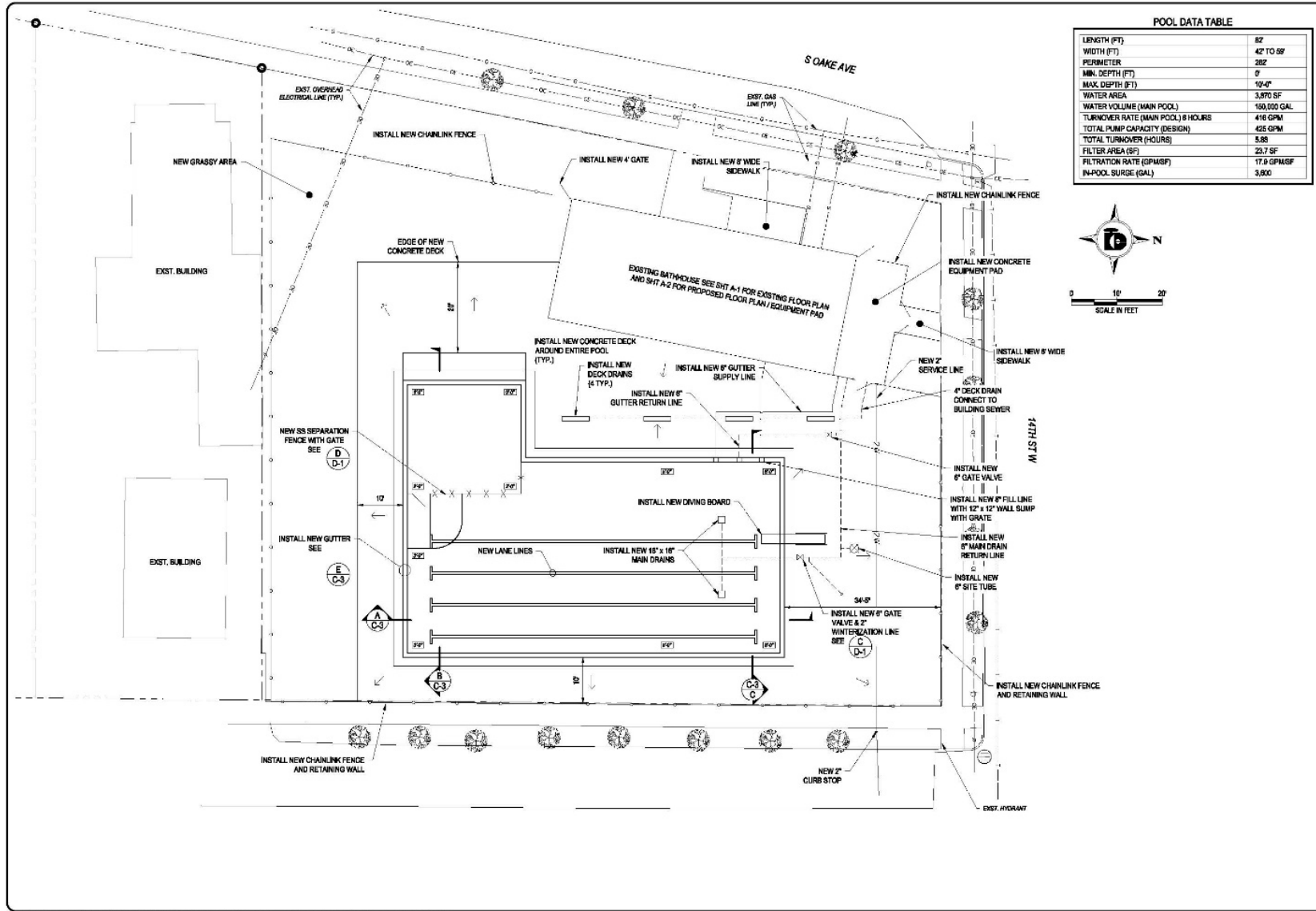
- New Rapid Sand Filter System
- New Pool Heater
- Solar Ready
- New Chemical Feed System



Additional Items not included in Base Pool

- Splash Pad
- Deck Slide
- Tower Water Slide
- Main Bathhouse Renovations





POOL DATA TABLE	
LENGTH (FT)	82
WIDTH (FT)	42 TO 59
PERIMETER	262
MIN. DEPTH (FT)	0
MAX. DEPTH (FT)	10'-0"
WATER AREA	3,970 SF
WATER VOLUME (MAIN POOL)	160,000 GAL
TURNOVER RATE (MAIN POOL) 8 HOURS	416 GPM
TOTAL PUMP CAPACITY (DESIGN)	426 GPM
TOTAL TURNOVER (HOURS)	5.88
FILTER AREA (SF)	23.7 SF
FILTRATION RATE (GPM/SF)	17.9 GPM/SF
IN-POOL SURGE (GAL)	3,000



New File	Date	Description

SWIMMING POOL REHABILITATION CASHIERS COUNTRY MONTANA	
Drawn By: KSB	Reviewed By: RLS
Checked By: BSM	Designed By: BSM
Project No.: Y18-0678	Date: 01/20/20

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Other offices in Montana, North Dakota and South Dakota

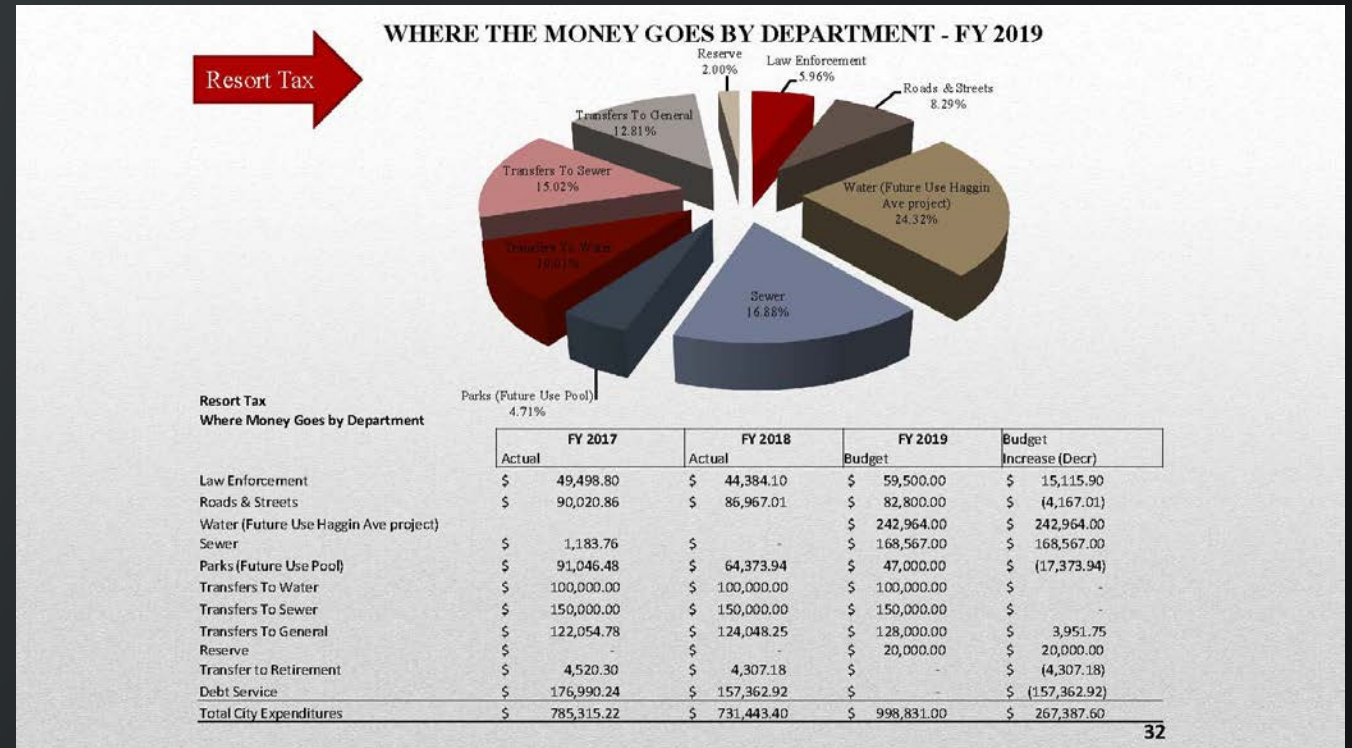
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Funding

- Resort Tax
- \$110,000-\$140,000 per year Capital Cost
- Revenue Bond or Loan
- Same allocation as this year for Design
- Straightforward




Funding

- Recreation District or Special Improvement District (SID)
- If Citywide, estimated at \$6-\$8/lot/month (\$72-\$84/year)
- Larger District Requires Election
- Bond/Loan could start in Resort Tax and transfer to Rec District after creation



Vote Yes to SOS




SWIMMING POOL Benefits

November 4

400
swimming lessons
annually

1530
lap swimmers
annually

18,000
patrons annually



The Pool Helps the Community

400 Swimmers Attend the Annual Sea Lions Swim Meet

\$360,000
The economic impact of the two-day event with hotels, food & additional spending

Facts

- Built in 1967, the pool has surpassed the "normal" life expectancy of outdoor pools by nearly double.
- ADA regulation updates and changes have made parts of the pool, including the entry, non-compliant.
- Replacement parts for the original 1967 mechanical system are no longer available.
- The bathhouse is in need of repair and updating. Currently 1/3 of the showers are functional and the sewer is insufficient.
- Antiquated circulation and filtration system with significant infrastructure degradation.

Fix

Phase I

- New PVC Liner System (20 year life)
- Zero-depth entry (ADA Requirement)
- Deep end enlargement to six-lanes & 25-meters
- Remodel of existing bathhouse
- Construction of new filter building
- Filter and chemical system replacement
- New stainless steel gutter system

Funding

Phase I

\$1,450,000
Recreation District Funding / Household

\$300,000
FOP/Community Fundraising/Grants

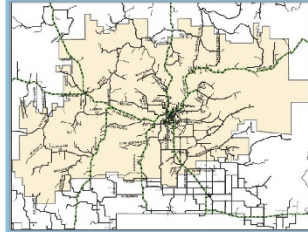
Phase II

\$830,000
Community Fundraising/Grants

Phase II

Capital Campaign/Community Fundraising

- New Water Slide and Landing Pool
- New Splash Park




Households within the Fergus High School District will pay no more than **\$35 per household annually for 20 years**

This is not a temporary fix. The structurally sound pool walls and floor will be used and the PVC liner will ensure no leaks. The liner has a 20-year life span.

Voting **YES** means keeping this community facility afloat

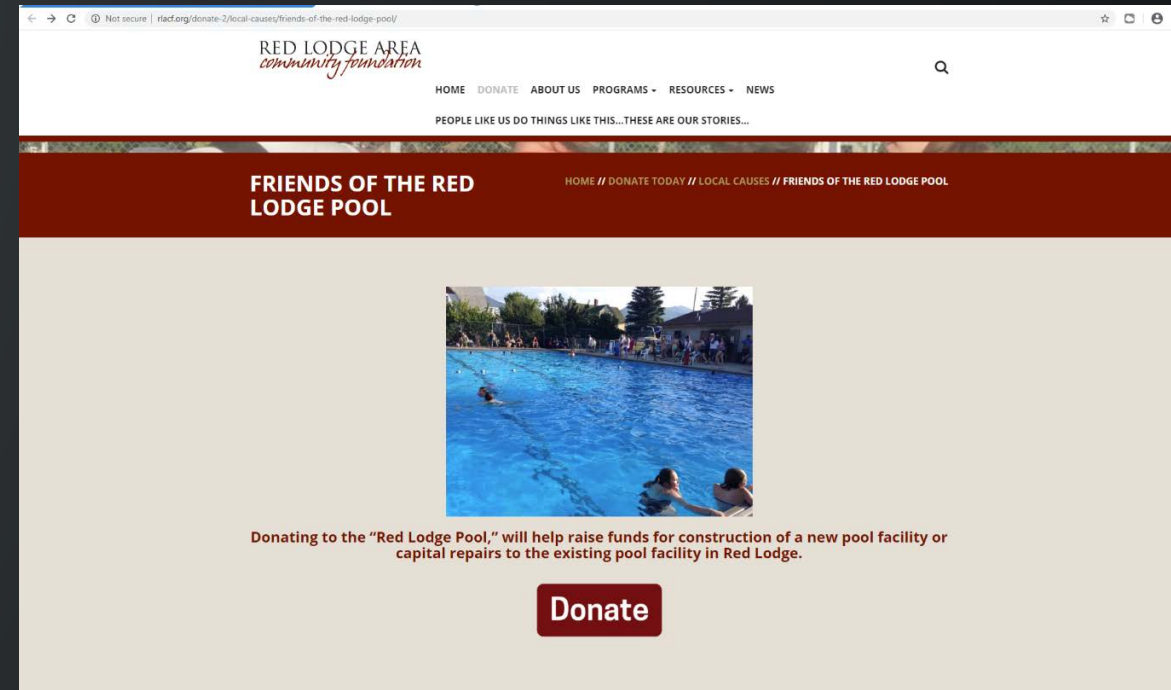
Learn More

 **Friends of the Lewistown City Pool**

Paid for by Friends of the Lewistown City Pool

Fundraising

- Community Foundation
- Endowment for O&M
- Friends of the Red Lodge Pool
- Base Pool or Additional Items
- Base Pool could reduce loan commitment



Next Steps

- Move forward to 100% Design
- Additional Fundraising
- Establish SID or Recreation District
- 100% Design Complete by June 2020



Next Steps

- Advertise for Bids in June 2020
- Award Bids July 2020
- Loan or Bond commitment in July 2020



Next Steps

- Construction July through October 2020
- Fundraising Continued
- Grand Opening in 2021
- Celebrate!



Keys to a Successful Project

- Commitment
- Organization
- Team Approach
- Communication



Every Successful Project Takes the Support of a Community!

- The Public
- The City
- Funders
- Interstate Engineering
- Red Lodge Surveying
- Rimrock Engineering
- Contractors
- Community Youth/Kids
- RL Parks Board
- Friends of the Pool
- RL Community Foundation
- SMURF
- Red Lodge Schools
- City and Pool Staff

