



MAGNA WATER DISTRICT AGENDA

FOR THE

SPECIAL BOARD MEETING

AT 10:30 AM

THURSDAY MAY 27, 2021

8885 W 3500 S, MAGNA, UT 84044

GENERAL OFFICE BUILDING

(801)250-2118

Fax(801)250-1452

MAY 27, 2021
SPECIAL BOARD MEETING AGENDA
MAGNA WATER DISTRICT

MEETING DATE: May 27, 2021 at 10:30 am

LOCATION: 8885 W 3500 S, MAGNA, UT, GENERAL OFFICE BUILDING

- A. Call to order.
- B. Public, Board and Staff join in the Pledge of Allegiance.
- C. Welcome the Public and Guests.
- D. Discussion and possible motion to award the 2019 Secondary Water Line Project (Reuse water line 7600 W) to low bid from Condie Construction Co. in the amount of \$1,588,239.
- E. Discussion and possible motion to approve the construction management and engineering services for the 2019 Secondary Water Line Project (Reuse water line 7600 W) from Bowen Collins and Associates (Amendment to Task Order #19-03.01) in the amount of \$139,580.
- F. Discussion and possible motion to approve awarding material hauling from the Gateway to Little Valley tank site to the WWTP to Grass Masters in the amount of \$194,350 (This includes bid amount and an additional 15% to account for change in dump site location and any potential changes associated with that).
- G. Adjourn.

**2019 SECONDARY
WATER LINE PROJECT
BID RESULTS**




BID OPENING SUMMARY

Bids were opened on May 24, 2021 at 2:00 p.m.

Project: 2019 Secondary Waterline Project

Owner: Magna Water District

	Contractor	Bid Amount
1.	Allied Underground Technology	\$ BB, A1 2,391,068.09
2.	Condie Construction Co.	\$ BB, A1 1,588,239.00
3.	COP Construction, LLC	\$ BB, A1 1,650,480.00
4.	VanCon, Inc.	\$ BB, A1 2,472,470.00
5.		\$
6.		\$
7.		\$
8.		\$
9.		\$
10.		\$

Signed: 
 Date: 05/24/2021

The above bid amounts have not been checked.
 The bid totals are subject to correction after
 The bids have been completely reviewed.

**BOWEN COLLINS AND
ASSOCIATES TASK
ORDER ADMENDMENT**

Amendment No. 1

**TASK ORDER NO. 19-03.01
("2019 Secondary Waterline")
PROJECT NO. 483-19-01**

**Additional Design Coordination and Services During Construction for
2019 Secondary Waterline Project**

This task order amendment is issued by Magna Water District ("OWNER") pursuant to the General Services Agreement between the ("OWNER") and Bowen, Collins & Associates, Inc. ("ENGINEER") February 3, 2016.

1. SERVICES

This amendment request addresses an extension of BC&A's original contract to continue to support Magna Water District with Services During Construction of the 2019 Secondary Waterline Project. BC&A's original contract did not include SDC because the extent and duration of the construction period was not known prior to completion of the design phase.

This amendment also includes a request for additional compensation for coordination and design efforts required to accommodate the ongoing development design for the 201 Logistics Center and pipeline alignment along the future 7600 West.

Explanation: BC&A's original hourly fee estimate assumed that the pipeline would be designed within an open alignment and did not anticipate the additional coordination that has been necessary to accommodate design of the new roadway and development. As this coordination work developed over the past two years, BC&A has attempted as much as possible to stretch our existing budget and rates to accommodate this extension in project duration and level of coordination required to accommodate the development. In addition, we were able to extend our budget with the use of the Corps of Engineers wetland permitting task budget which was not required. Even with these efforts, BC&A's budget for the first phase of the project has been exceeded. We estimate that over \$19K in additional cost has been expended to coordinate with the 201 Logistics Center development over the duration of this project. As of the end of the design period, BC&A's budget has been exceeded by approximately \$8,078. We are proposing a request to only cover actual costs to accommodate these efforts to support the project.

Task 1 Request – Services During Construction

Services during construction are anticipated to include the following scope:

BC&A will provide services during construction for the project including attendance at a pre-construction meeting, review and recommendation of submittals, pay requests, RFI's, and change orders, attendance at 24 weekly progress meetings, and development of

record drawings and project closeout documents. Construction management and field inspections will be provided by BC&A's Project Representative at an assumed 40 hours per week for the first 4 weeks as the project gets underway, then tapering to an estimate of 20 hours per week for the remaining 20 weeks. BC&A's Project Engineer will provide engineering services during the construction period at an assumed average of 8 hours per week for 24 weeks.

Adjustments to these assumed periods will be addressed with MWD in advance if the construction period requires a higher level of effort or extends beyond the assumed 24-week period.

Project Deliverables.

1. Meeting notes from all construction meetings,
2. Construction period reviews and documentation (Submittals, PR's, RFI's, CO's),
3. Punch list walkthrough and final closeout documentation,
4. Record drawings.

Budget.

\$131,580. Fee estimates for budgeting, and scope assumptions regarding each, are provided in the attached fee estimate.

Task 2 Request – Additional Engineering Design Coordination Services

Additional engineering design and coordination services were required to accommodate the proposed 201 Logistics Center development. These services included coordination with Kennecott, the developer (DLM), the developer's engineer (Dominion Engineering), and the developer's contractor (Layton Construction) as required for design of MWD's new secondary waterline alignment and profile along 7600 West. Additional coordination efforts included multiple meetings, plan reviews, coordination and troubleshooting of CAD files provided by the developer, design iterations required to coordinate the pipeline profile with changes in the final grade of the 7600 West road surface, and periods of delay in BC&A's design effort that were required to accommodate the progress of the developer's design and to obtain approval of our alignment from Kennecott/Dominion Engineering. This task also includes additional design coordination with Salt Lake County for the 2550 South Road project that was constructed along the north side of the Riter Canal during the design phase of this project. That included coordination, plan review, and CAD incorporation of their design roadway surface.

Budget.

\$8,078. The attached fee schedule includes a breakdown of the proposed additional costs including a credit for the permitting work under BC&A's original contract that was not used.

2. COMPENSATION

Refer to Attachment A for man hour fee estimate. Compensation is based on a time and materials basis. The project’s task order not to exceed contract limit will be changed as indicated below:

Original Task Order Maximum Limit Not to Exceed	\$110,660.00
Prior Amendment(s) Approved to Date	\$ 0.00
Current Requested Amount (Amendment No. 1)	<u>\$139,580.00</u>
Revised Total Project Amount - Task Order Not to Exceed	\$250,240.00

3. PERIOD OF SERVICES

The services under this task order shall commence on the date of execution of this amendment and shall be complete by December 31, 2021.

4. DELIVERABLES

Construction management documentation in accordance with contract Scope of Services.

5. ACCEPTANCE DUE DATE


This task order needs to be accepted as soon as possible.

The parties have executed this task order effective this ___ day of _____, 2021.

CLIENT

By _____
Name _____
Title _____

ENGINEER

By  _____
Name Jason Luettinger
Title President/CEO

2019 Secondary Waterline Project Amendment 1 - Additional Design Coordination and Services During Construction

Magna Water District

Engineering Man Hour - Fee Estimate

5/7/2021

Labor Category	Office & Support		Tech		Engineers						Subtotal Hours	Subtotal Labor	Subtotal Expenses	Expenses				Total Cost
	Office	Editor	Tech III	En.Sci 2	CM V	Proj. Eng.	SR	Permitting	PIC	Comp/Comm				Mileage	CM Software	Potholing		
Staff	Skousen	Hilbert	Riggs	Davis	Woodward	Bean	Nelson	Tsandes	Luettinger									
2021 Labor Rates	\$100	\$89	\$113	\$126	\$129	\$130	\$145	\$157	\$196					\$7.00	\$0.75	VPO	KCI	
Task No.	Task 2: Environmental Permitting (Not Req'd)																	
2-1	Credit from Contract - Wetland Permit Not Required																	
											0	\$ -	\$0	\$0	\$0			\$ (8,392.00)
	Task 2 Sub-Total																	
	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$0	\$0	\$0	\$0	\$0	\$ (8,392.00)
Task No.	Task 3: Additional Final Design Services																	
3-1	Additional Utility Coordination and Potholing Req'd																	
3-2	Additional Design Coordination req'd for 201 Logistics Center Development																	
			38			68			4	110	\$ 13,918.00	\$770	\$770	\$0			\$1,782	\$ 1,782.00
																		\$ 14,688.00
	Task 3 Sub-Total																	
	0	0	38	0	0	68	0	0	4	110	\$ 13,918.00	\$2,552	\$770	\$0	\$0	\$1,782	\$ 16,470.00	
Task No.	Task 6: Construction Management																	
6-1	Construction Progress Meetings (Assume weekly)																	
6-2	Engineering Services During Construction (Submittals, RFIs, CO's, etc.)																	
6-3	Daily Field Inspections and CM Services																	
6-4	Materials Testing Services (NIC - Provided by MWD)																	
6-5	Record Drawings																	
		4	4							64	\$ 9,376.00	\$1,492	\$448	\$1,044				\$ 10,868.00
						192	20		8	228	\$ 30,184.00	\$1,596	\$1,596	\$0				\$ 31,780.00
					560					560	\$ 72,240.00	\$11,540	\$3,920	\$5,220	\$2,400			\$ 83,780.00
										0	\$ -	\$0	\$0	\$0				\$ -
			24			16				40	\$ 4,792.00	\$280	\$280	\$0				\$ 5,072.00
	Task 6 Sub-Total																	
	4	4	24	0	560	256	20	0	24	892	\$ 116,592.00	\$14,908	\$6,244	\$6,264	\$2,400	\$0	\$ 131,500.00	
	Total Hours																	
	4	4	62	0	560	324	20	0	28	1002								
	Total Cost (All Tasks)																	
											\$130,510	\$17,460	\$7,014	\$6,264	\$2,400	\$1,782	\$139,580	

Budgetary Assumptions:

1. Budget assumes full time for first 4 weeks then half time (20 hrs/wk) for PR, and 8 hrs/wk for PE for a 24 week construction period as follows:

- Notice to Proceed: June 10, 2021
- Substantial Completion: November 1, 2021
- Final Completion: November 25, 2021

2. Construction surveying provided by Contractor

3. Expenses Include:

- Mileage reimbursement at \$0.75/mile
- 10% markup on outside services or other project related expenses
- Computer and communications expenses \$7/hr.
- Construction management software expense (VPO) at \$400 per month for half time CM during a six month construction period.

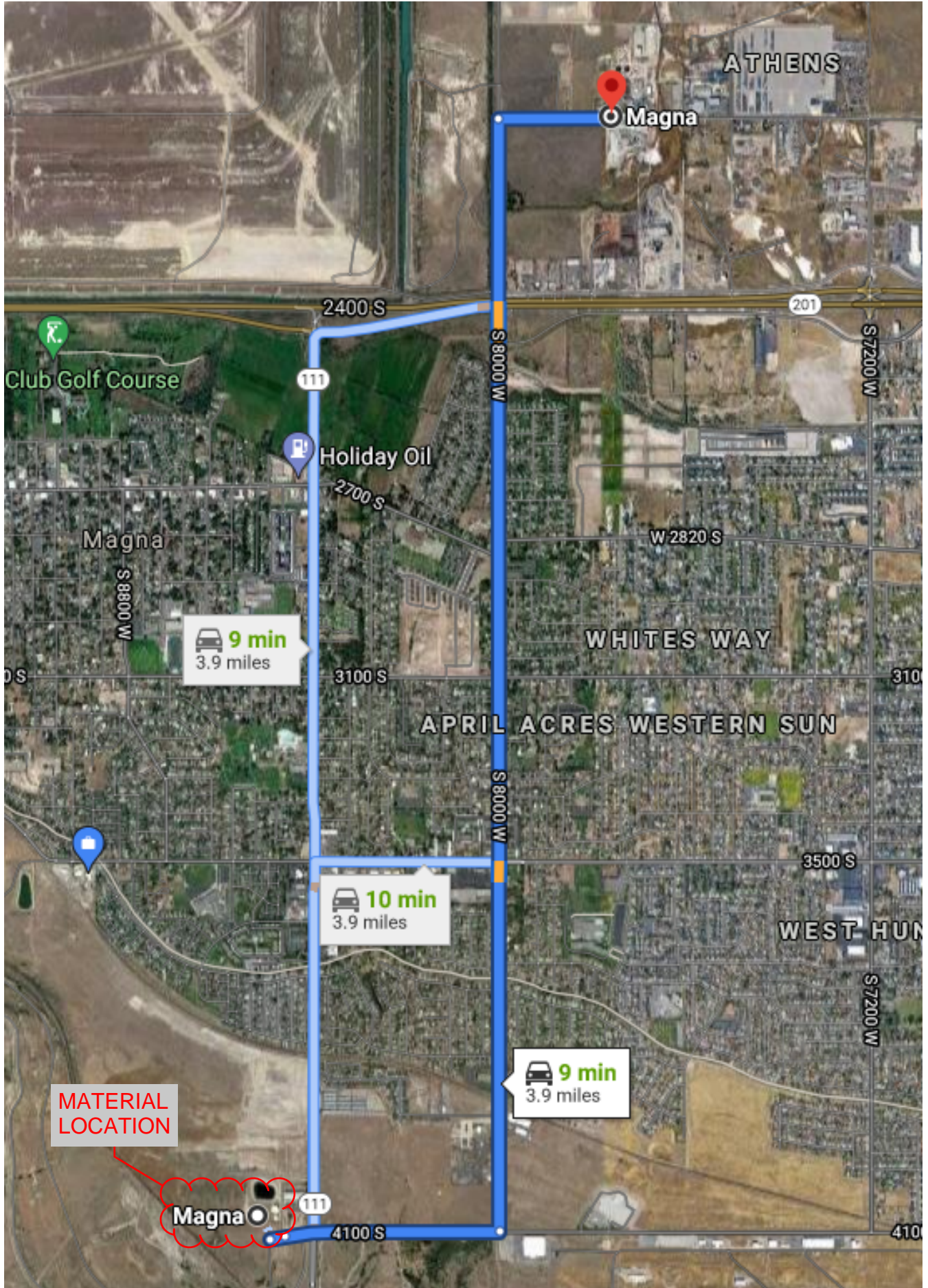
**GRASS MASTERS
MATERIAL HAULING
BID**

	Site A			Site B		
	Unit Cost	Unit	Total	Unit Cost	Unit	Total
Grass Masters	\$ 4.02	CY	\$ 169,000.00	\$ 3.29	CY	\$ 138,000.00
Lyndon Jones Construction, Inc	\$ 7.81	CY	\$ 328,020.00	\$ 10.00	CY	\$ 420,000.00
Rhine Construction	\$ 8.50	CY	\$ 357,191.25	\$ 10.17	CY	\$ 427,046.00
Centennial Trucking	\$ 9.76	CY	\$ 410,000.00	\$ 8.76	CY	\$ 368,000.00
S & L	\$ 10.47	CY	\$ 439,670.00	\$ 9.89	CY	\$ 415,415.00
Landmark Excavating	\$ 13.53	CY	\$ 568,115.00	\$ 13.80	CY	\$ 579,535.00
Condie Construction	\$ 13.65	CY	\$ 573,300.00	\$ 11.90	CY	\$ 499,800.00

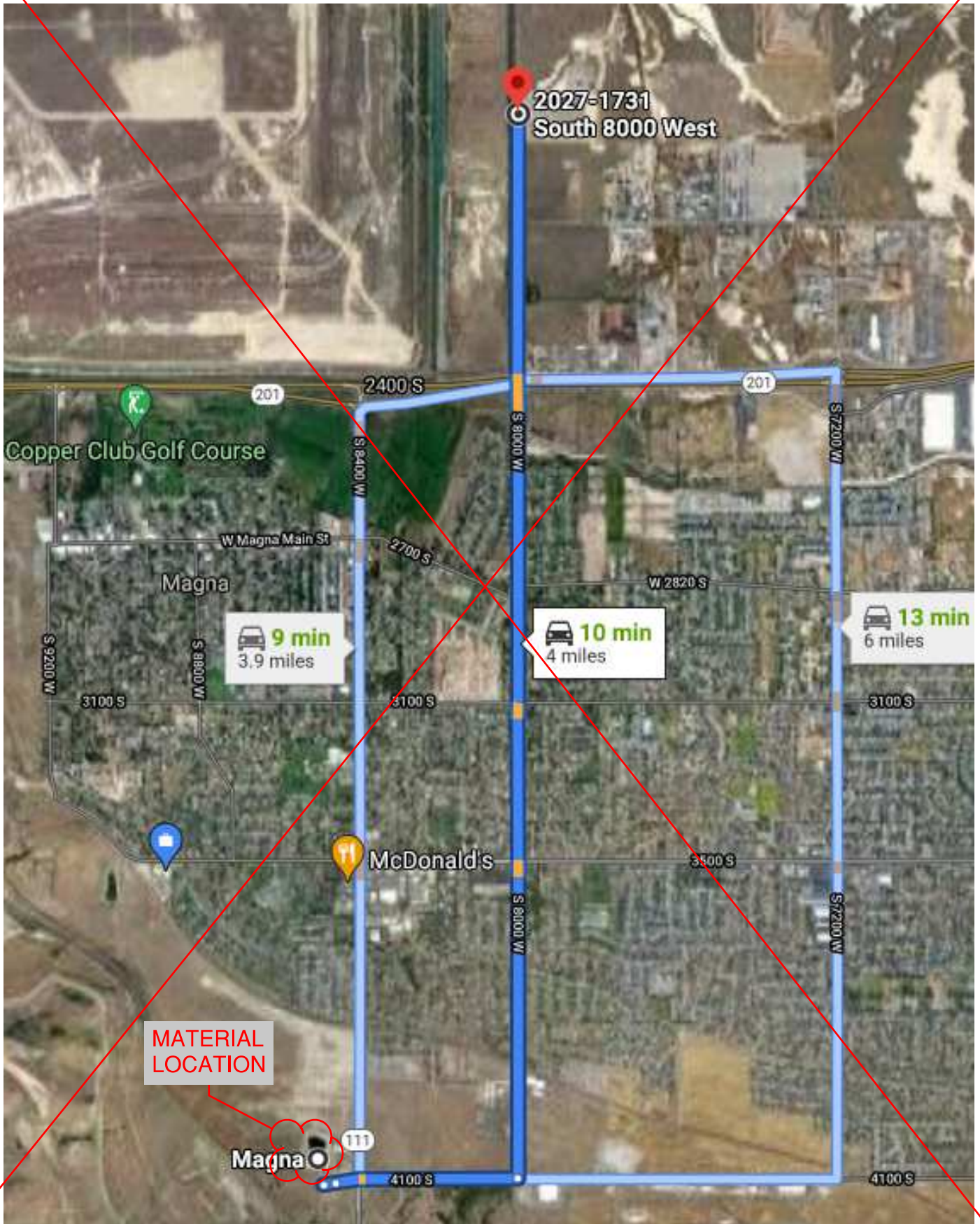
MATERIAL LOCATION 8400 WEST 4100 SOUTH



ALTERNATE SITE WWTP



SITE A: 1731 South 8000 West



SITE B: 3935 South Sennie Drive

