

**PROFESSIONAL SERVICES
SUPPLEMENTAL AGREEMENT #1
FOR
COLORADO SAND DR**

**STATE OF TEXAS §
 §
COUNTY OF TRAVIS §**

This Supplemental Agreement No 1 to a contract for Professional Services is made by and between the City of Pflugerville, Texas ("City") and Kimley-Horn and Associates, Inc. ("Consultant"). City and Consultant may be referred to herein singularly as "Party" or collectively as the "Parties."

WHEREAS, the City and Consultant executed an Agreement for Professional Services ("Agreement") on the 17 day of October, 2019 for the Colorado Sand Dr project ("Project") in the amount of \$517,268.78 .

WHEREAS, the City and Consultant desire to enter into a Supplemental Agreement # 1 for Professional Services for the Project in the amount of \$95,840.00 , on the 16th day of December 2019 to add Wastewater Design and Analysis to the Agreement; and

WHEREAS, it has become necessary to amend the Agreement to modify the provisions for the Scope of Serviced and Compensation; and

WHEREAS, it is necessary for the City to amend its agreements from time to time to comply with changes in state law relating to contracts of municipalities.

NOW, THEREFORE, premises considered, the City and the Consultant agree that said Agreement is amended as follows:

Article II. Term shall be amended by changing the term of the Agreement to terminate on November 11, 2020, with the ratification and incorporation of the remaining terms of the Agreement.

Article III. Scope of Services and Exhibit A, shall be amended as set forth in the attached addendum to Exhibit A.

Article III. Work Schedule and Exhibit B, shall be amended as set forth in the attached addendum to Exhibit B.

Article IV. Compensation to Consultant and Exhibit B (Fee Schedule), shall be amended by increasing by \$95,840.00 the amount payable under the Agreement for a total of \$613,108.78, as shown by the attached Addendum to Exhibit C (Fee Schedule).

2.

Except as amended hereby as indicated above, the terms of the Agreement shall remain unchanged and in full force and effect.

EXECUTED and **AGREED** to as of the dates indicated below.

**CITY OF
PFLUGERVILLE**

CONSULTANT

	
(Signature)	(Signature)
Printed Name: <u>Sereniah Breland</u>	Printed Name: <u>Brian Boecker</u>
Title: <u>City Manager</u>	Title: <u>Vice President</u>
Date: _____	Date: <u>11/21/2019</u>

APPROVED AS TO FORM:



Charles E. Zech
City Attorney
DENTON NAVARRO ROCHA BERNAL & ZECH, P.C.

ATTACHMENT A

SUPPLEMENTAL #1 – SCOPE OF SERVICES

PROJECT UNDERSTANDING

The supplemental consists of additional wastewater improvements design and analysis to be completed in conjunction with the 0.55 mile extension of Colorado Sand Drive new location construction. The wastewater improvements will service the developable lots along the proposed Colorado Sand Drive extension.

SUPPLEMENTAL RESPONSIBILITIES OF THE CITY

In conjunction with and in order for the completion of the professional services detailed below, the City of Pflugerville agrees to complete the following tasks:

- Provide proposed wastewater stub outs locations for future services.
- Provide City GIS/KMZ and record drawings data for Storm, Wastewater and Water infrastructure
- Provide City Draft Wastewater Masterplan
- Provide information for proposed land use for water and wastewater service area.
- Provide timely reviews and comments on interim and milestone submittals in order for the consultant team to maintain agreed upon schedules.

SUPPLEMENTAL SERVICES TO BE PROVIDED BY THE ENGINEER

The Engineer's Services consist of the services specifically described in Sections 1.1 through 1.10 including the specific engineering services to be performed through the following consulting disciplines as subcontractors to the Engineer:

1.2 TASK 2 – ADDITIONAL SURVEY AND RIGHT-OF-WAY DATA

The Surveyor shall conduct additional survey mapping within the proposed alignment.

1.2.1 The survey shall shoot wastewater manhole and inverts along the existing wastewater main from the intersection of Falcon Village Lane and State Highway 130 Service Road to the existing Colorado Sand lift station near the intersection of Silver Fern Land and Gold Holly Rd for the purpose of analyzing wastewater capacity to the Colorado Sand lift station.

1.12 TASK 12 –WASTEWATER ANALYSIS AND REPORT

The Engineer will:

1.12.1 Prepare a Wastewater Analysis for downstream wastewater capacity from Falcon Village Lane to the existing Colorado Sand lift station. In addition, the report will address capacity improvements that may be required for the Colorado Sand lift station.

1.12.2 Establish Baseline (Existing) Conditions

- a) Data Collection: obtain record drawings, pump information, wastewater master plan, flow monitoring (if available), and survey,

1.12.3 Prepare Proposed Conditions (with project)

- a) Design Criteria: establish design land use assumptions for design
- b) Proposed Development/PUD: land use projections and phasing plans for development

1.12.4 Develop Proposed Improvement Plan

- a) Exhibit Improvements: prepare an exhibit summarizing proposed improvements for inclusion in the report.
- b) Exhibit Land Use Assumptions: prepare an exhibit summarizing proposed land use assumptions.
- c) Table and Calculations: prepare a summary of calculations including land use and flow projection for the wastewater system
- d) Technical Memorandum: prepare a technical memorandum summarizing the proposed analysis and findings.

1.12.5 Deliverables will consist of two (2) hard copies and one (1) electronic copy of the Analysis and exhibits described above.

1.12.6 Meetings will consist of up to two (2) meetings to review and discuss as needed.

1.13 TASK 13 – WASTEWATERWATER LINE DESIGN

The Engineer will:

1.10.1 Prepare Plan-Profile Sheets for the proposed wastewater line at a scale of 1"=40' horizontal and 1"=4' vertical. It is assumed that the scope of the wastewater improvements along Colorado Sand Dr shall consist of the following:

- a) Preparing up to (9) plan and profiles sheets at 11"x 17" (approximately 4,500 linear feet) of proposed a 12" and 8" wastewater line along Colorado Sand Drive from the approximate limits of Copper Mine Drive along the proposed extension of Colorado Sand Drive then down to the existing sewer line near the intersection of TX-130 Service Road and Falcon Village Lane approximately 1,400' south of Colorado Sand Dr.

Colorado Sand Drive

1.10.2 Prepare wastewater details sheets in accordance with the City's standard details.

1.10.3 Prepare General Notes for Wastewater Line in accordance with the City's standard requirements.

1.10.4 Calculate quantities for the wastewater improvements for inclusion on the Item Summaries Sheets.

1.10.6 Prepare special specifications for wastewater line in accordance with the City's standard requirements.

1.10.7 Prepare an opinion of probable construction costs (OPCC) for wastewater Line at each milestone deliverable.

1.10.8 Prepare and submit a transmittal letter to Texas Commission on Environmental Quality (TCEQ) in accordance with TCEQ 217.

1.11 ADDITIONAL SERVICES/CHANGE IN SERVICES

1.11.1 Since the Engineer's compensation is a not-to-exceed fee for Basic Services described in this Agreement, compensation to the Engineer for Additional Services will only be for substantial deviations from the scope of services described in this Agreement. The Engineer will submit a written estimate of fees to the City and obtain the City's authorization before initiating any additional services. The following services are not included in this Agreement at present and are specifically considered to be additional services:

- a. Wastewater Improvements required as part of the analysis
- b. Construction Phase and Bidding Phase services

ATTACHMENT B - Supplemental #1

Project Name: Colorado Sand
Prepared By: Kimley-Horn and Associates, Inc.

Task # Subtask Number	Task Name Subtask Name/Description	Assumptions	Direct Labor (Person-Hours)						Labor Total (hours)	Misc. Direct Expense (\$)	
			Senior Prof II	Senior Prof I	Prof	Analyst	CADD	Project Controller			Admin
			\$255.00	210.00	165.00	145.00	115.00	95.00			\$95.00
2	Survey and ROW Data										
	Half Survey Fee									\$3,000	
	Coordination of survey and QC/QA		1		4				5		
									0		
									0		
	Task Total (Hours)		1	0	4	0	0	0	5		
	Task Total (Dollars)		\$255	\$0	\$660	\$0	\$0	\$0	\$915	\$3,000	
12	Wastewater Analysis and Report										
	Data Collection		2	4	6	10			22		
	Review Existing Land Use Assumptions			2	4	8			14		
	Review PUD Land Use Assumptiosn			2	3	4			9		
	Prepare Land Use Calculations			2	4	8			14		
	Prepare Wastewater Flow Projecitons			2	4	8			14		
	Prepare Land Use Exhibit			2	4	8			14		
	Prepare Improvements Exhibit			2	4	8	4		18		
	Prepare Technical Memorandum			6	6	24	4		40		
	QA/QC		4	4					8		
	Address QA/QC Items				6	8			14		
	Meetings (2) and Notes			6	8				14		
									0		
		Task Total (Hours)		6	32	49	86	8	0	181	
	Task Total (Dollars)		\$1,530	\$6,720	\$8,085	\$12,470	\$920	\$0	\$29,725	\$0	
13	Wastewater										
									0		
	Preliminary Schematic								0		
	Alignment and Service Considerations			4	6				10		
	Preliminary Wastewater Line Layout Roll Plot (~4,500 LF)			4	6	18			28		
	Update Wastewater Line Layout with Final Schematic			2	4	6			12		
	Easement Layout and Coordination			6	8	24			38		
									0		
	Final Design								0		
	Project Specific and Standard Notes			1	3	6			10		
	Project Layout/Location Map				3	6			9		
	Plan and Profile (9 Sheets 11x17)			9	18	81			108		
	Field Verification			8	8	8			24		
	Identify and Incorporate City Standard Wastewater Details (2 Sheets)			1		4			5		
									0		
	TCEQ 217 Letter and Submittal			1		3			4		
									0		
									0		
	60% Contract Documents								0		
QAQC			6					6			
Quantity Take-off OPCC				1	3	6		10			
Address 60% Comments				4	8	24		36			
								0			

ATTACHMENT B - Supplemental #1

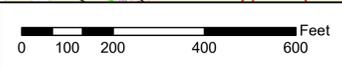
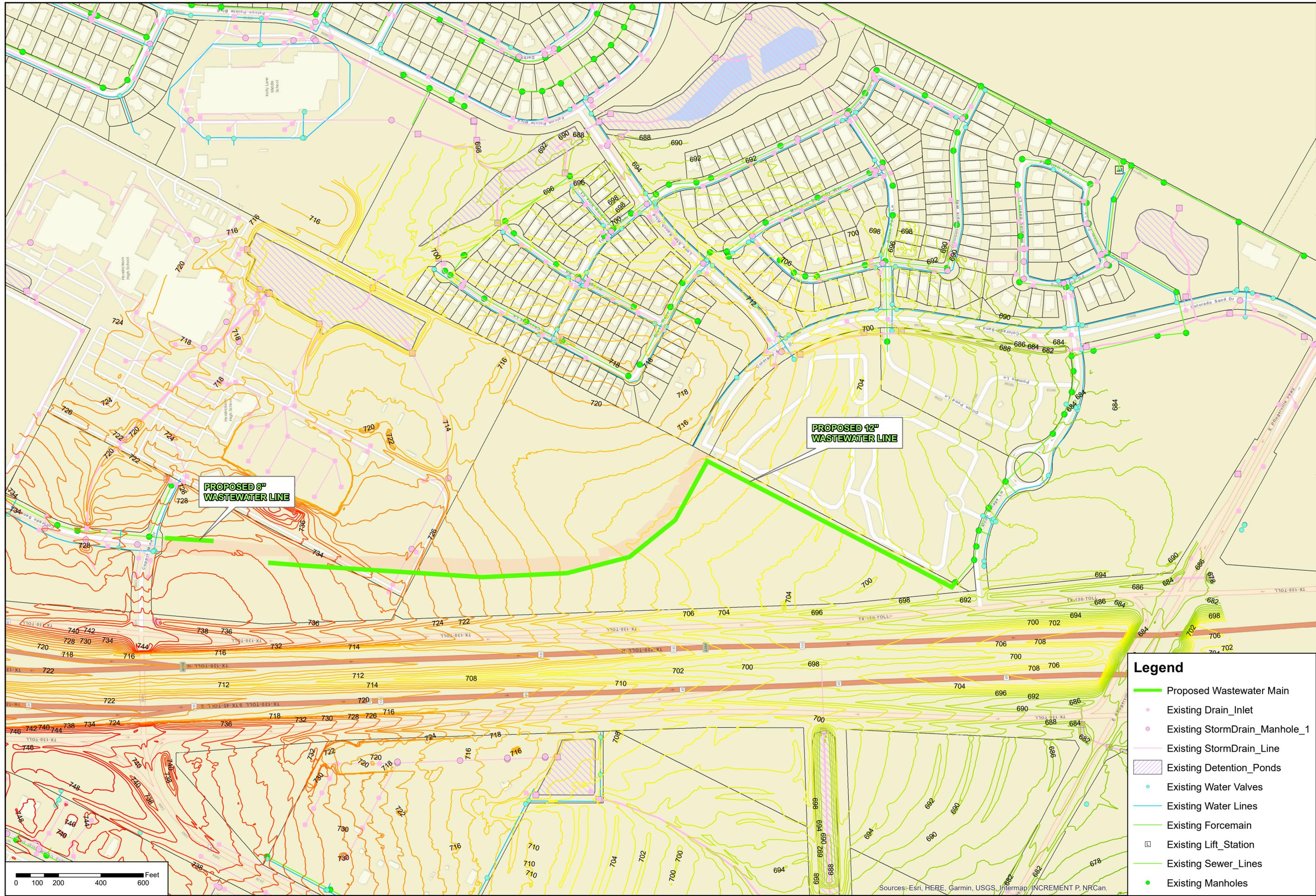
Project Name: Colorado Sand
Prepared By: Kimley-Horn and Associates, Inc.

Task # Subtask Number	Task Name Subtask Name/Description	Assumptions	Direct Labor (Person-Hours)						Labor Total (hours)	Misc. Direct Expense (\$)	
			Senior Prof II	Senior Prof I	Prof	Analyst	CADD	Project Controller			Admin
			\$255.00	210.00	165.00	145.00	115.00	95.00			\$95.00
	90% Contract Documents										
	QAQC		5							0	
	Quantity Take-off OPCC			1	2	6				5	
	Review Standard Specifications			4	4					9	
	Address 90% comments			4	8	24				8	
										36	
										0	
	100% Contract Documents									0	
	QAQC		6							6	
	Finalize Quantities			2	4	6				12	
	Finalize Specifications			3	6					9	
										0	
	Task Total (Hours)		17	55	91	222	0	0	0	385	
	Task Total (Dollars)		\$4,335	\$11,550	\$15,015	\$32,190	\$0	\$0	\$0	\$63,090	\$0
	Reimbursable Expenses										
	Plotting and Reproduction	roll plots, plans, exhibits									\$200
	Mileage	meetings, site visits									\$100
	Overnight Mail										\$100
	Task Total (Dollars)										\$400
	KIMLEY-HORN TOTAL (Hours)		24	87	144	308	8	0	0	571	
	KIMLEY-HORN TOTAL (Dollars)		\$6,120	\$18,270	\$23,760	\$44,660	\$920	\$0	\$0	\$93,730	
	SUBCONSULTANT (HALFF - Survey - Task 2)									\$3,000.00	
	Miscellaneous Direct Expenses									\$400.00	
	GRAND TOTAL									\$97,130.00	

Colorado Sand Drive
 Project Development Schedule
 Revised with Supplemental #1
 11/12/2019

ID	Task Name	Duration	Start	Finish	Predecessors	2020													
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	Notice to Proceed	1 day	Wed 11/6/19	Wed 11/6/19		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2	Right of Entry & Topographic Survey	25 days	Thu 11/7/19	Wed 12/11/19	1														
3	Collect Traffic Counts/Evaluation of Copper Mine Intersection	32 days	Thu 11/7/19	Fri 12/20/19	1														
4	Prepare Concept Plan	30 days	Thu 12/12/19	Wed 1/22/20	2														
5	City/ISD Review Concept Plan	20 days	Thu 1/23/20	Wed 2/19/20	4														
6	Revise Concept Roll Plot/Advertise for Public Meeting	20 days	Thu 2/20/20	Wed 3/18/20	5														
7	Public Meeting	1 day	Thu 3/19/20	Thu 3/19/20	6														
8	Prepare 30% Design Schematic	35 days	Thu 2/20/20	Wed 4/8/20	5														
9	City Review 30% Design Schematic	20 days	Thu 4/9/20	Wed 5/6/20	8														
10	Prepare 60% PS&E	45 days	Thu 5/7/20	Wed 7/8/20	9														
11	City Review 60% PS&E	15 days	Thu 7/9/20	Wed 7/29/20	10														
12	Prepare 90% PS&E	40 days	Thu 7/30/20	Wed 9/23/20	11														
13	City Review 90% PS&E	15 days	Thu 9/24/20	Wed 10/14/20	12														
14	Prepare Final PS&E	20 days	Thu 10/15/20	Wed 11/11/20	13														
15	Supplemental #1 - Wastewater Analysis	30 days	Mon 12/16/19	Fri 1/24/20															

Project: Colorado Sand Date: Tue 11/12/19	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan.



CITY OF PFLUGERVILLE
**COLORADO SAND DRIVE
 ROADWAY IMPROVEMENTS**

**PROPOSED WASTEWATER
 IMPROVEMENTS**

DATE:	NOV 2019
DESIGN:	SRM
DRAWN:	SRM
CHECKED:	SRM
KHA NO.:	069228908

- Legend**
- Proposed Wastewater Main
 - Existing Drain_Inlet
 - Existing StormDrain_Manhole_1
 - Existing StormDrain_Line
 - Existing Detention_Ponds
 - Existing Water Valves
 - Existing Water Lines
 - Existing Forcemain
 - Existing Lift_Station
 - Existing Sewer_Lines
 - Existing Manholes