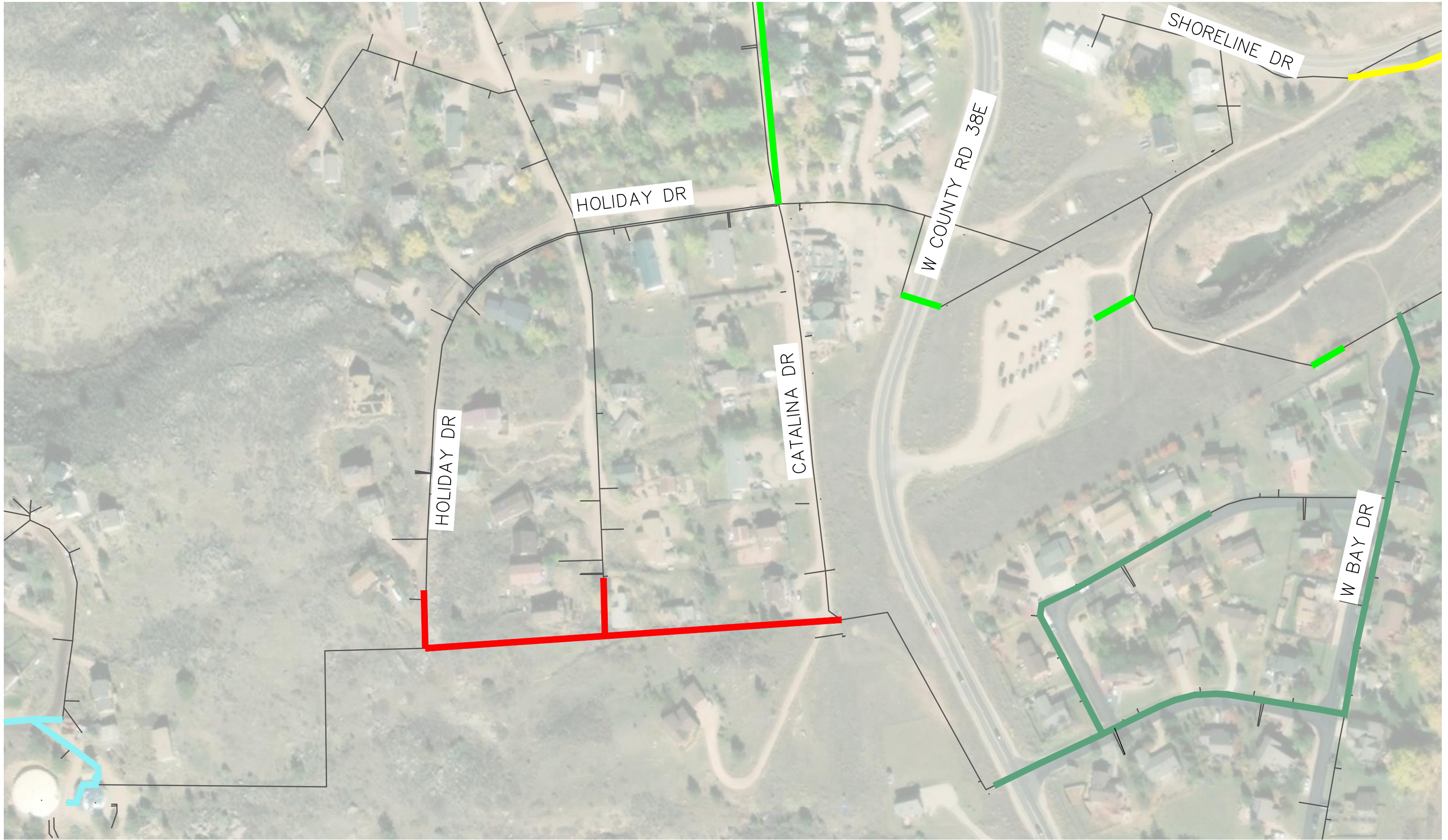


SCWSD Capital Project Budgeting

Project Description	LF of Pipe	Non-inflated Total Cost	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Water System Projects												
W1.2a Central Transmission Corridor Pipe Replacement - Phase 2a (Inlet Knolls)	1860	\$703,080										
Engineering	8" & 6"	\$52,080					\$60,375					
Construction		\$651,000					\$754,687					
W1.2b Central Transmission Corridor Pipe Replacement - Phase 2b (Catalina/Libby)	2000	\$756,000										
Engineering	8" & 6"	\$56,000		\$59,410								
Construction		\$700,000			\$764,909							
W1.3 Central Transmission Corridor Pipe Replacement - Phase 3	1204	\$455,112										
Engineering	8" Pipe	\$33,712							\$41,462			
Construction		\$421,400							\$518,269			
W1.4 Central Transmission Corridor Pipe Replacement - Phase 4	3028	\$1,144,584										
Engineering	8" Pipe	\$84,784					\$98,288					
Construction		\$1,059,800						\$1,265,457				
W1.5 Central Transmission Corridor Pipe Replacement - Phase 5	1505	\$568,890										
Engineering	8" Pipe	\$42,140								\$53,382		
Construction		\$526,750									\$687,289	
W1.6 Central Transmission Corridor Pipe Replacement - Phase 6	1585	\$599,130										
Engineering	8" Pipe	\$44,380									\$57,906	
Construction		\$554,750										\$745,538
W2.4 Water Meter Replacement - Phase 4		\$10,300										
Meter Purchase		\$10,300	\$10,609									
Installation		\$0										
W4.1 Sandstone Tank Replacement		\$150,660										
Engineering		\$11,160			\$12,195							
Construction		\$139,500				\$157,008						
W3.1 Arrowhead to Sandstone Pipe Upsize	2550	\$963,900										
Engineering	6" Pipe	\$71,400			\$78,021							
Construction		\$892,500				\$1,004,517						
W5.1 Arrowhead Tank Coating - External & Internal		\$118,800										
Engineering		\$8,800		\$9,336								
Construction		\$213,000		\$225,972								
W7.1 Water System Air Relief		\$21,600										
Engineering		\$1,600							\$1,968			
Construction		\$20,000							\$24,597			
W8.1 Holiday Dr Loop	800	\$453,600										
Engineering	8" & 6"	\$33,600	\$34,608									
Construction		\$420,000	\$432,600									
W9.1 Additional Valving		\$27,000										
Engineering		\$2,000			\$2,185							
Construction		\$25,000			\$27,318							
Annual Total Capital Costs			\$477,817	\$294,718	\$884,628	\$1,161,525	\$913,350	\$1,265,457	\$586,296	\$53,382	\$745,195	\$745,538

Note: Inflation is set @ 3% from non-inflated 2021 costs

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- PHASE 2a
- PHASE 2b
- PHASE 3
- PHASE 4

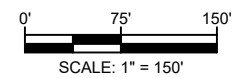
- PHASE 5
- PHASE 6
- HOLIDAY DR LOOP
- ARROWHEAD

CENTRAL TRANSMISSION CORRIDOR - WATERLINE REPLACEMENT HOLIDAY LOOP

CONCEPTUAL PROJECT LIMITS - 100 LF OF 6" PVC PIPE; 700 LF OF 8" PVC

EXISTING









2/12/2021



SHEET SIZE: 11 x 17
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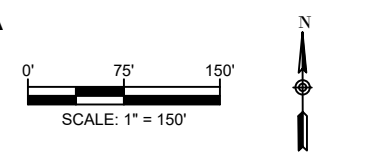
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-  PHASE 2b
-  PHASE 3
-  PHASE 4
-  PHASE 5
-  PHASE 6
-  HOLIDAY DR LOOP
-  ARROWHEAD

CENTRAL TRANSMISSION CORRIDOR - WATERLINE REPLACEMENT PHASE 2A

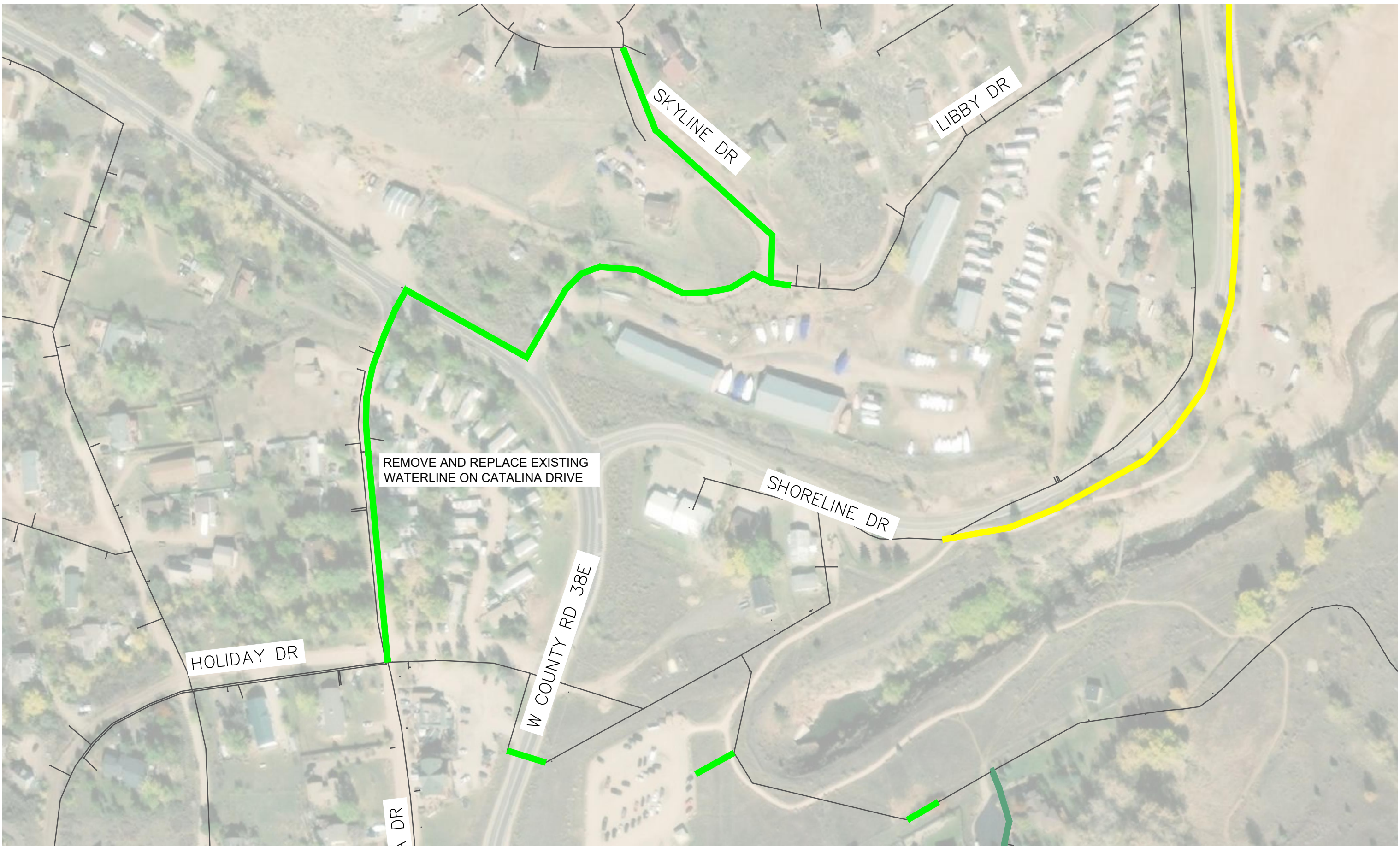
CONCEPTUAL PROJECT LIMITS - 560 LF OF 6" PVC PIPE; 1300 LF OF 8" PVC


EXISTING









2/12/2021



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-  PHASE 2a
-  PHASE 2b
-  PHASE 3
-  PHASE 4
-  PHASE 5
-  PHASE 6
-  HOLIDAY DR LOOP
-  ARROWHEAD

CENTRAL TRANSMISSION CORRIDOR - WATERLINE REPLACEMENT PHASE 2B


CONCEPTUAL PROJECT LIMITS - 500 LF OF 6" PVC; 1450 LF OF 8" PVC PIPE

EXISTING

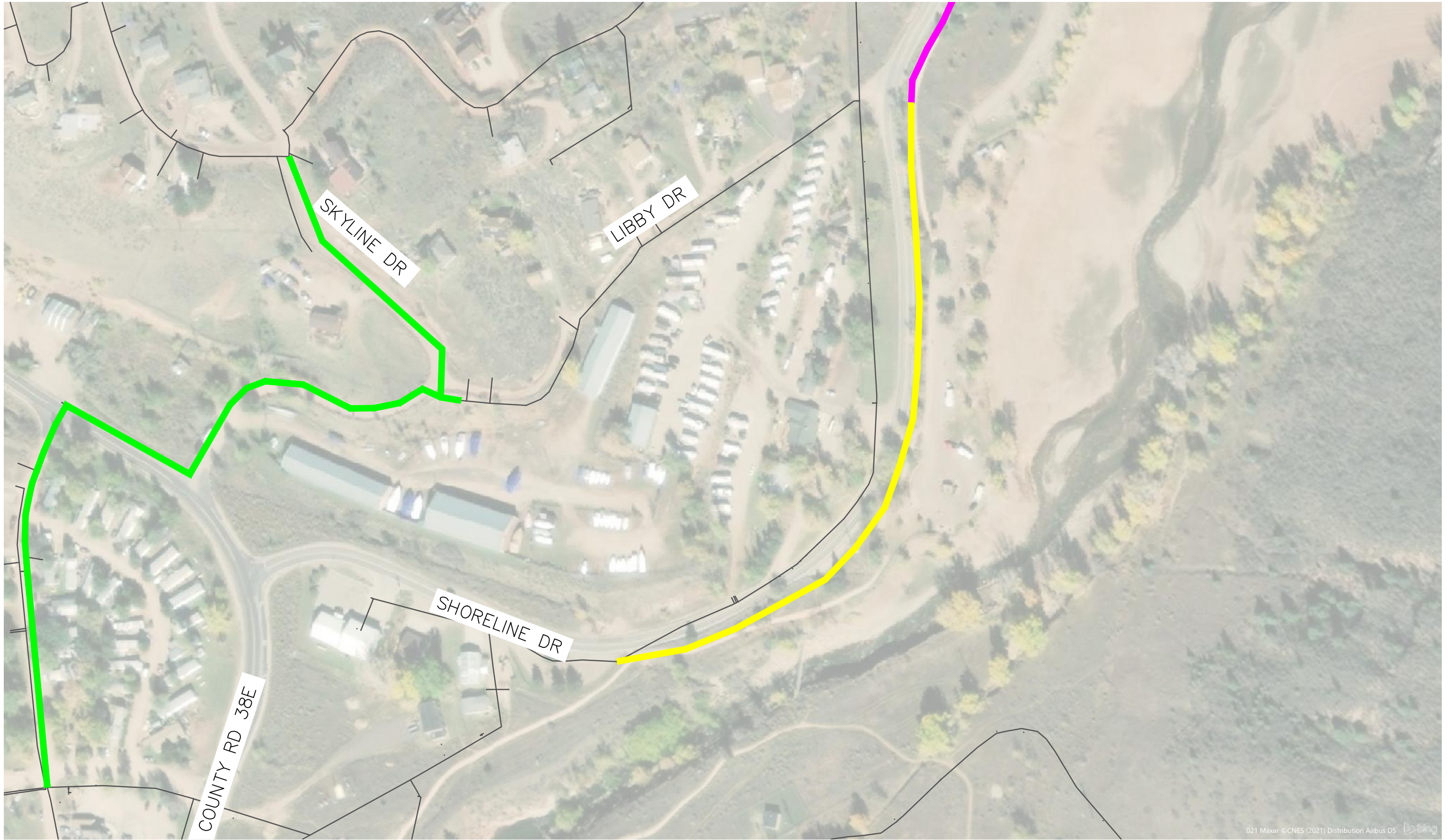
2/12/2021

0' 75' 150'

SCALE: 1" = 150'



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021 Maxar ©CNES (2021) Distribution Airbus DS



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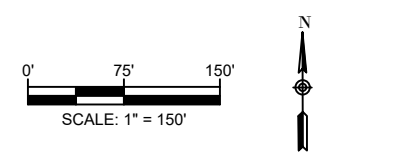
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- PHASE 2b
- PHASE 3
- PHASE 4
- PHASE 5
- PHASE 6
- HOLIDAY DR LOOP
- ARROWHEAD

CENTRAL TRANSMISSION CORRIDOR - WATERLINE REPLACEMENT PHASE 3

CONCEPTUAL PROJECT LIMITS - 2170 LF OF 8" PVC PIPE

EXISTING

2/12/2021











0' 75' 150'
SCALE: 1" = 150'


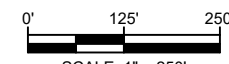
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	PHASE 2a		PHASE 5
	PHASE 2b		PHASE 6
	PHASE 3		HOLIDAY DR LOOP
	PHASE 4		ARROWHEAD









CENTRAL TRANSMISSION CORRIDOR - WATERLINE REPLACEMENT PHASE 4
CONCEPTUAL PROJECT LIMITS - 3150 LF OF 8" PVC PIPE
EXISTING
2/12/2021




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	PHASE 2a		PHASE 5
	PHASE 2b		PHASE 6
	PHASE 3		HOLIDAY DR LOOP
	PHASE 4		ARROWHEAD









CENTRAL TRANSMISSION CORRIDOR - WATERLINE REPLACEMENT PHASE 5
CONCEPTUAL PROJECT LIMITS - 3150 LF OF 8" PVC PIPE
2/12/2021

0' 125' 250'
SCALE: 1" = 250'



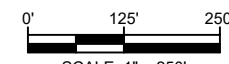
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- | | | | |
|---|----------|--|-----------------|
|  | PHASE 2a |  | PHASE 5 |
|  | PHASE 2b |  | PHASE 6 |
|  | PHASE 3 |  | HOLIDAY DR LOOP |
|  | PHASE 4 |  | ARROWHEAD |









CENTRAL TRANSMISSION CORRIDOR - WATERLINE REPLACEMENT PHASE 6
CONCEPTUAL PROJECT LIMITS - 3150 LF OF 8" PVC PIPE
EXISTING
2/12/2021



SHEET SIZE: 11 x 17
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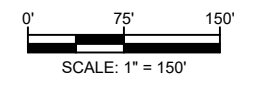
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-  PHASE 2b
-  PHASE 3
-  PHASE 4
-  PHASE 5
-  PHASE 6
-  HOLIDAY DR LOOP
-  ARROWHEAD

CENTRAL TRANSMISSION CORRIDOR - ARROWHEAD UPSIZE AND SANDSTONE TANKS

CONCEPTUAL PROJECT LIMITS - 100 LF OF 6" PVC PIPE; 700 LF OF 8" PVC

EXISTING

2/12/2021



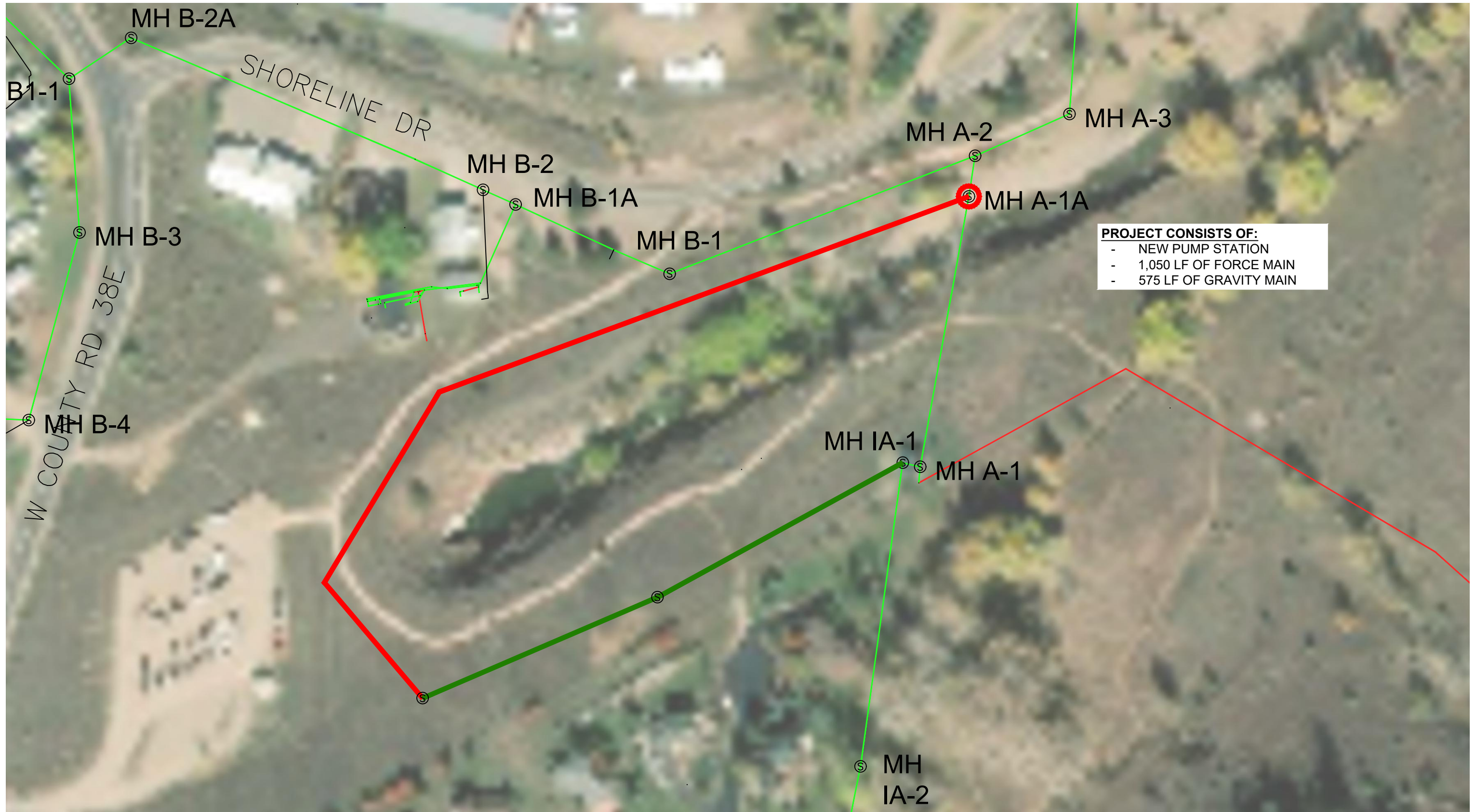
SCWSD Capital Project Budgeting

Inflation:

Project Description	# of Manholes	LF of Pipe Replaced	LF of Pipe Sliplined	Non-Inflated	2022	2023	2024	2025	2026	2027	2028	2029	2030
				Total Cost									
Sanitary Sewer Collection System Projects													
S1.1 Sewer Over Inlet Canal (lift station with Forcemanin around inlet canal then gravity to lift station)				\$456,000									
Engineering				\$76,000			\$83,047						
Construction				\$380,000			\$415,236						
S2.1 Shoreline Dr	21	953	315	\$176,634									
Engineering				\$13,084	\$13,477								
Construction				\$163,550		\$173,510							
S3.1 Parkview Dr/Valley Ct	8	444	847	\$115,290									
Engineering				\$8,540			\$9,332						
Construction				\$106,750			\$113,251						
S4.1 Bay View Dr	10	733	205	\$117,234									
Engineering				\$8,684			\$9,489						
Construction				\$108,550			\$122,174						
S5.1 Brookside Dr	7	550	427	\$101,358									
Engineering				\$7,508					\$8,704				
Construction				\$93,850					\$108,798				
S6.1 Ann St	7	223	0	\$42,984									
Engineering				\$3,184				\$3,584					
Construction				\$39,800					\$46,139				
S7.1 Kano Dr	10	756	0	\$108,648									
Engineering				\$8,048					\$9,330				
Construction				\$100,600						\$120,122			
S8.1 Canyon View Dr	11	280	362	\$79,488									
Engineering				\$5,888						\$7,031			
Construction				\$73,600							\$90,519		
S9.1 Soderburg Dr/Inlet Cir	14	368	569	\$108,270									
Engineering				\$8,020				\$9,027					
Construction				\$100,250					\$116,217				
S10.1 Southbay	7	0	566	\$49,464									
Engineering				\$3,664					\$4,248				
Construction				\$45,800						\$54,688			
S11.1 Continental Cir	19	536	393	\$130,410									
Engineering				\$9,660							\$11,881		
Construction				\$120,750								\$152,962	
S12.1 Lone Pine Dr	11	414	0	\$74,412									
Engineering				\$5,512								\$6,982	
Construction				\$68,900									\$89,899
S13.1 Minuteman Dr	17	335	318	\$99,252									
Engineering				\$7,352								\$9,313	
Construction				\$91,900									\$119,909
Annual Total Capital Costs					\$13,477	\$173,510	\$630,356	\$134,784	\$293,435	\$181,840	\$102,399	\$169,258	\$209,808

Note: Inflation is set @ 3% from non-inflated 2021 costs

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PROJECT CONSISTS OF:

- NEW PUMP STATION
- 1,050 LF OF FORCE MAIN
- 575 LF OF GRAVITY MAIN

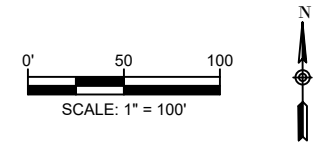
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SEWER CAPITAL PROJECTS - SEWER OVER INLET CANAL RELOCATION (S1.1)

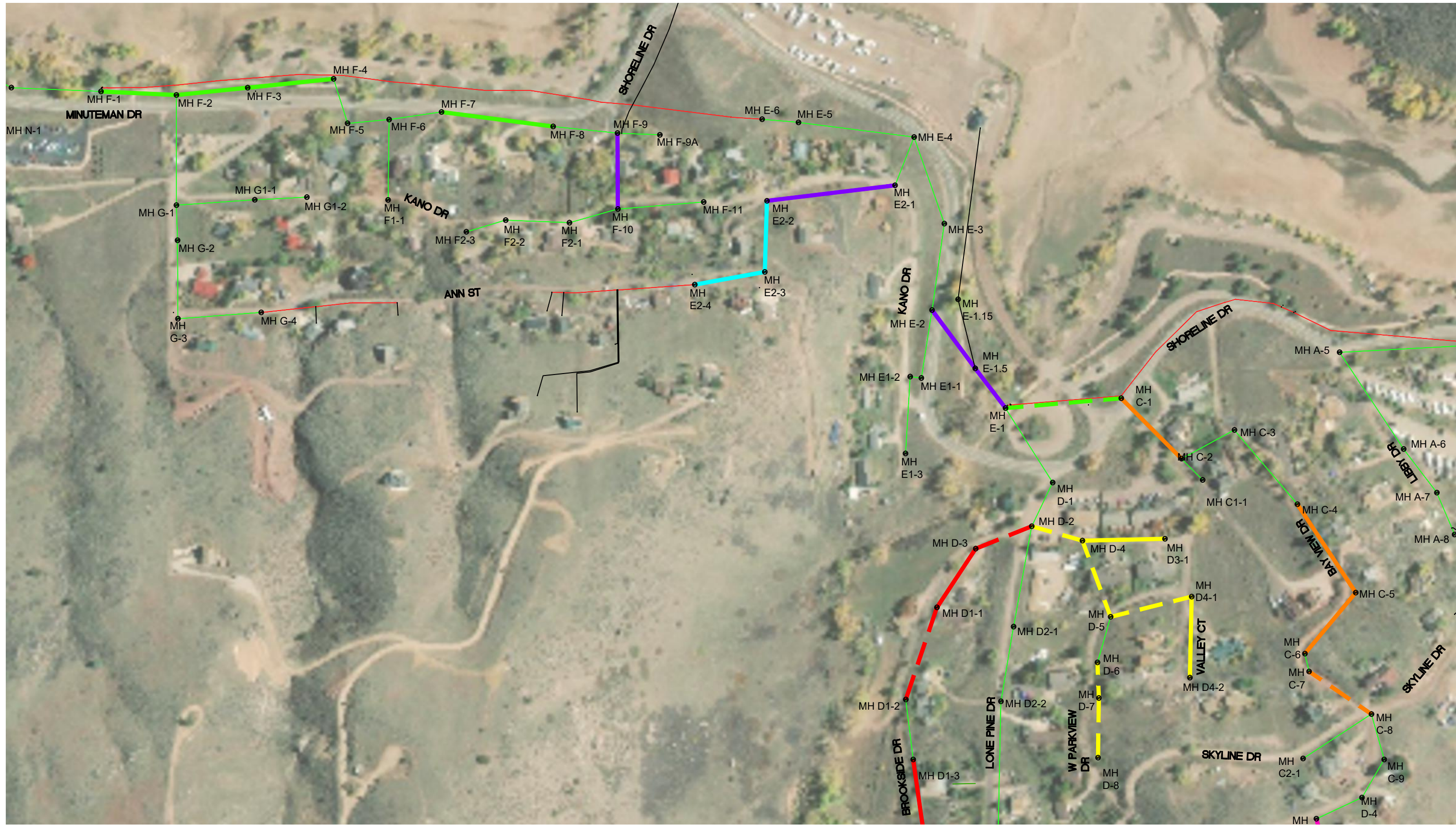
CONCEPTUAL PROJECT

3/1/2021

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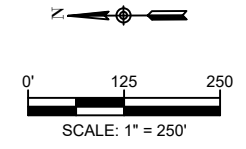
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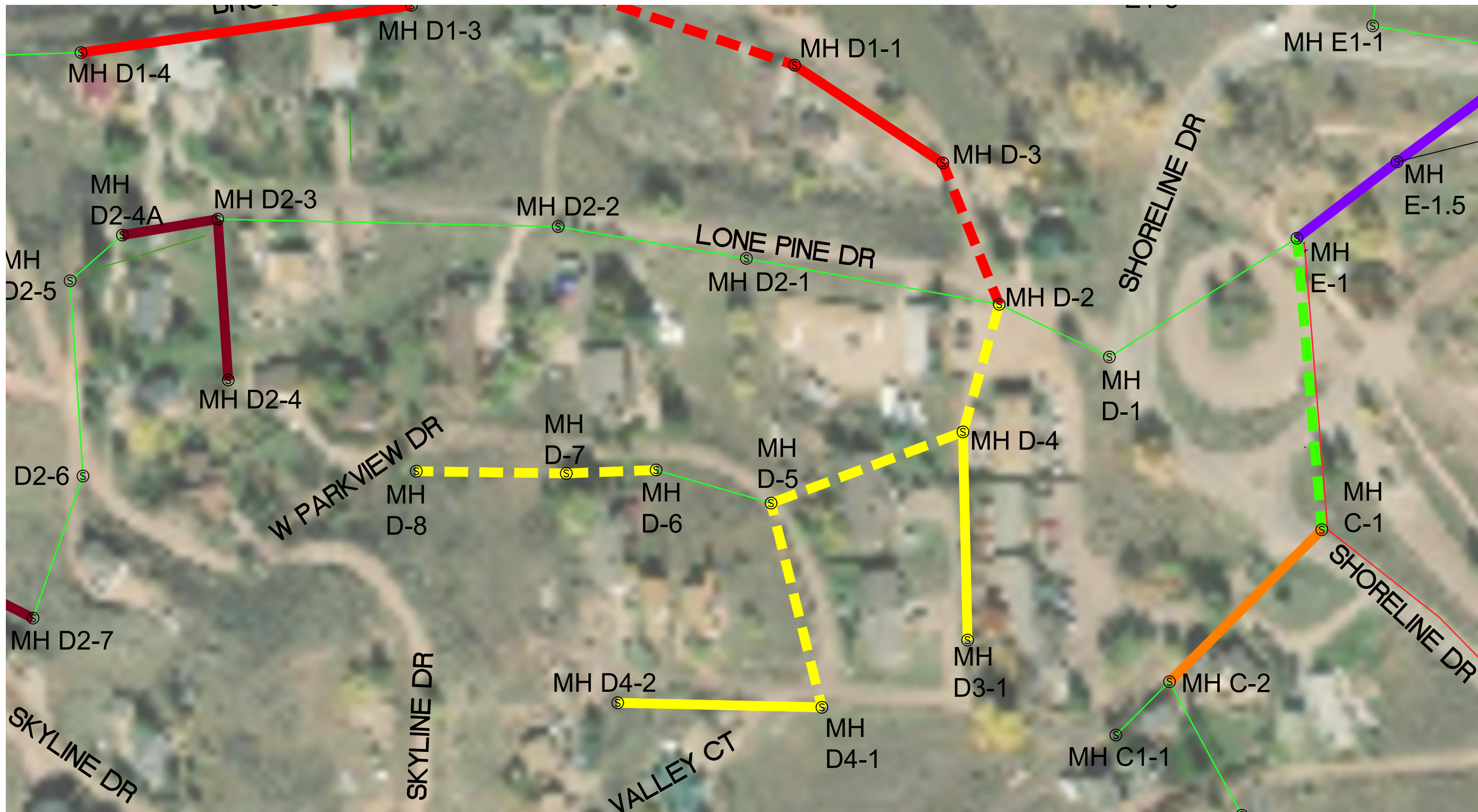
SEWER CAPITAL PROJECTS - SHORELINE DR

CONCEPTUAL PROJECT

3/1/2021



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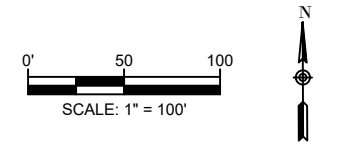
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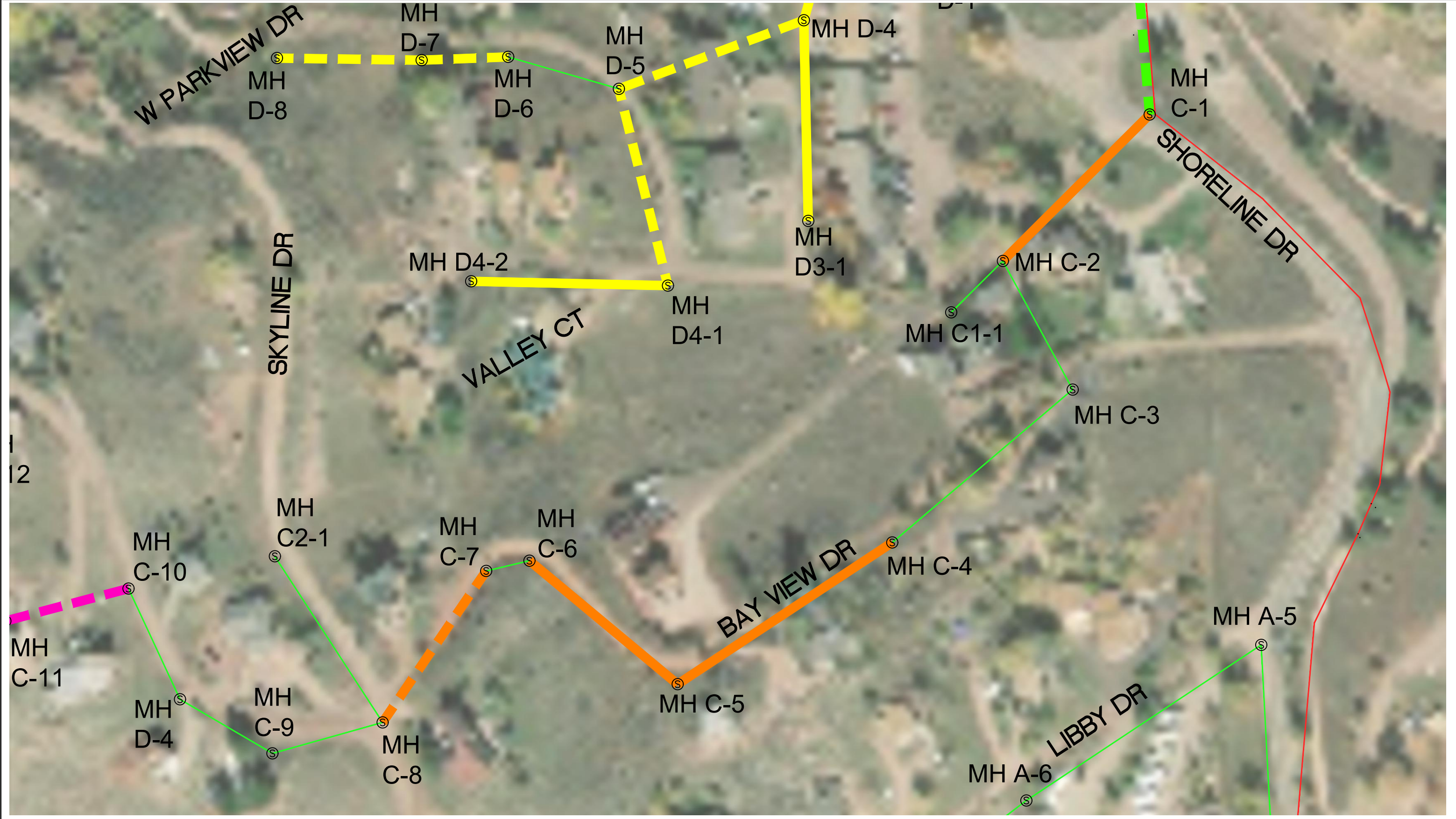
SEWER CAPITAL PROJECTS - PARKVIEW DR/VALLEY CT

CONCEPTUAL PROJECT

3/1/2021



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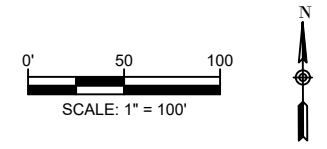
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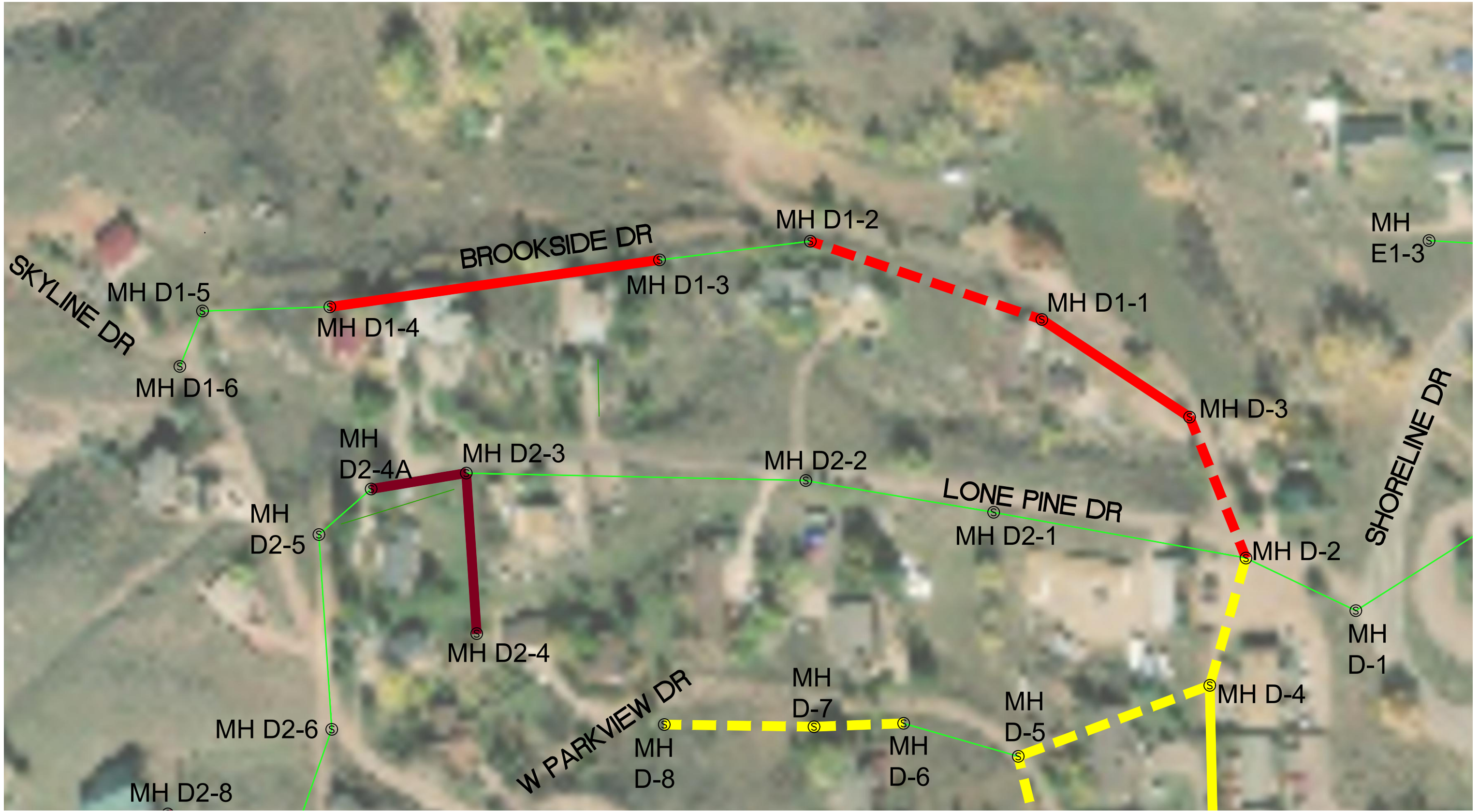
SEWER CAPITAL PROJECTS - BAY VIEW DR

CONCEPTUAL PROJECT

3/1/2021



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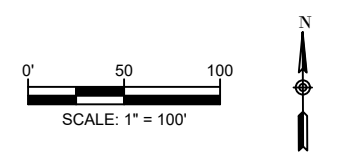
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	PHASE 6.1		PHASE 13.1
	PHASE 7.1		EXISTING
	PHASE 8.1		

SEWER CAPITAL PROJECTS - BROOKSIDE DR

CONCEPTUAL PROJECT














3/1/2021


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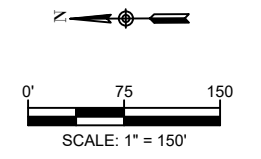


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SEWER CAPITAL PROJECTS - ANN ST

CONCEPTUAL PROJECT














3/1/2021



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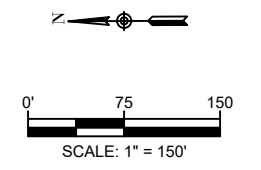
 4025 Automation Way
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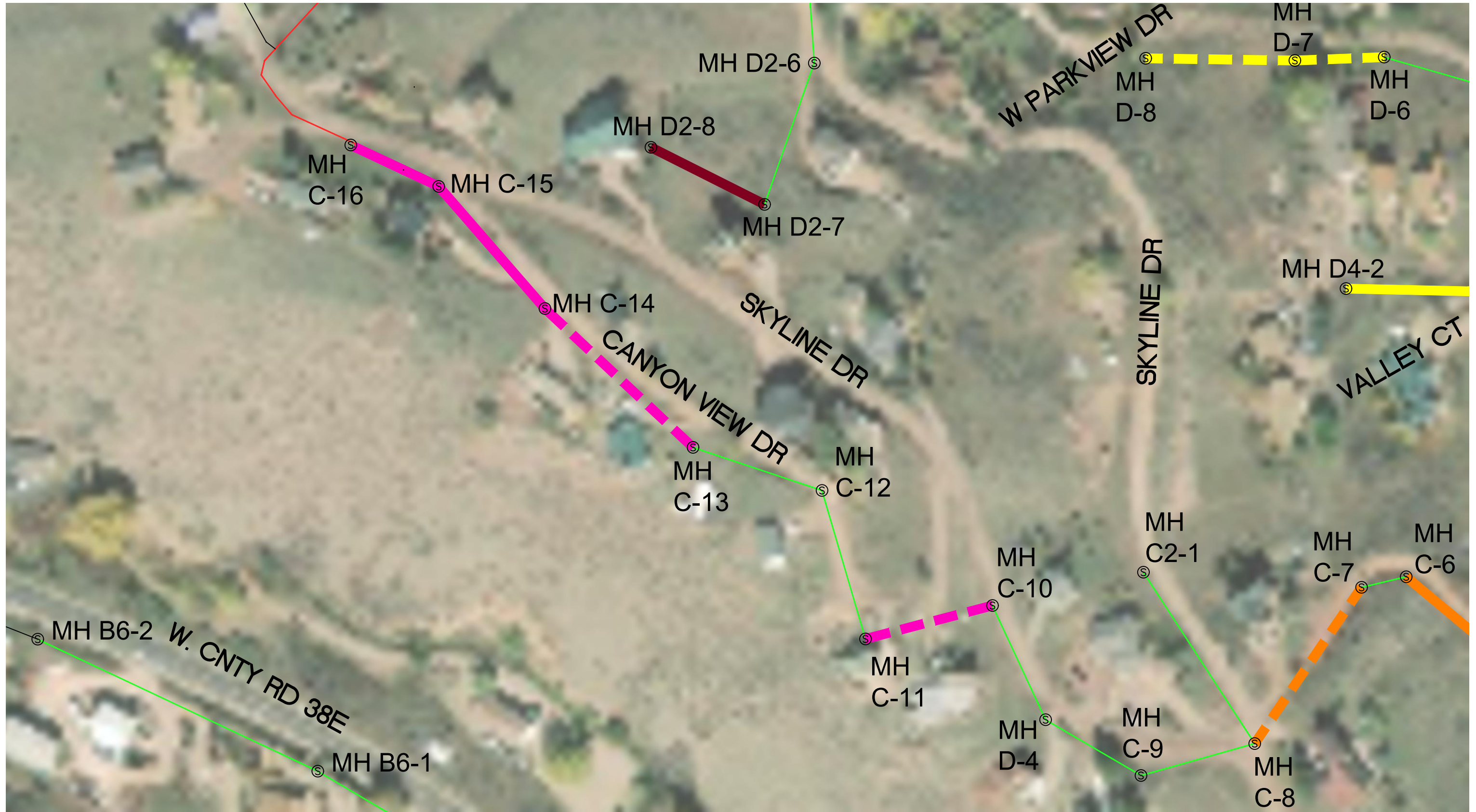
SEWER CAPITAL PROJECTS - KANO DR

CONCEPTUAL PROJECT














3/1/2021



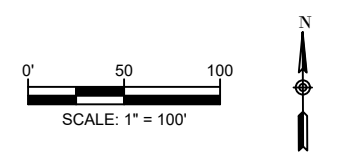
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	PHASE 2.1		PHASE 9.1
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	PHASE 4.1		PHASE 11.1
	PHASE 5.1		PHASE 12.1
	PHASE 6.1		PHASE 13.1
	PHASE 7.1		EXISTING
	PHASE 8.1		

SEWER CAPITAL PROJECTS - CANYON VIEW DR
CONCEPTUAL PROJECT
3/1/2021



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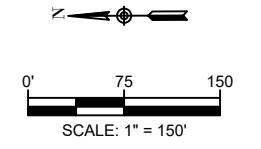
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	PHASE 7.1		EXISTING
	PHASE 8.1		

SEWER CAPITAL PROJECTS - SODERBURG DR/INLET CIR

CONCEPTUAL PROJECT














3/1/2021

4025 Automation Way
 Suite B2
 Fort Collins, CO 80525
 (970) 698-6046



SHEET SIZE: 11 x 17
DRAWING NAME: SEWER/PIP 2022
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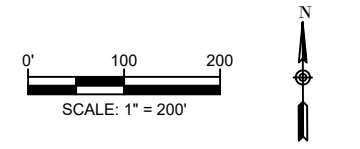


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	PHASE 3.1		PHASE 10.1
	PHASE 4.1		PHASE 11.1
	PHASE 5.1		PHASE 12.1
	PHASE 6.1		PHASE 13.1
	PHASE 7.1		EXISTING
	PHASE 8.1		

SEWER CAPITAL PROJECTS - SOUTHBAY
CONCEPTUAL PROJECT
3/1/2021
















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SHEET SIZE: 11 x 17
DRAWING NAME: SEWER_CIP_2021
PATH: D:\CIVILWORK\PROJECTS\2021\202103\20210303 - SOWSD GENERAL SERVICES 2020\DRAWINGS\AUTOCAD\CONSTRUCTION SHEETS\SEWER_CIP_2021.DWG



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	PHASE 3.1		PHASE 10.1
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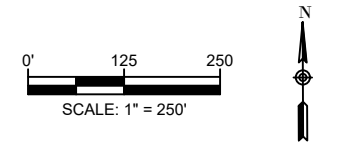
SEWER CAPITAL PROJECTS - CONTINENTAL CIR

CONCEPTUAL PROJECT

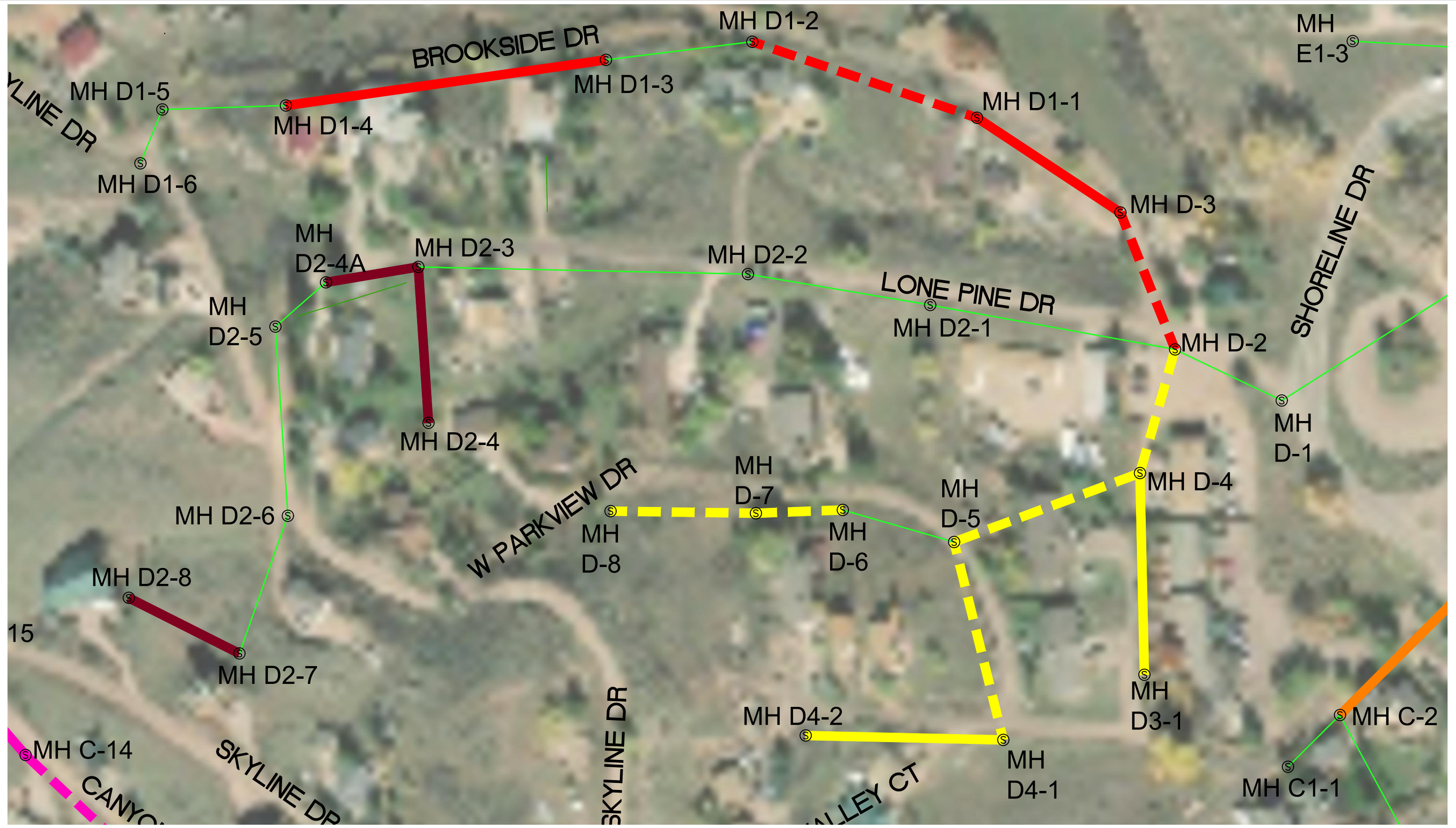
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SHEET SIZE: 11 x 17
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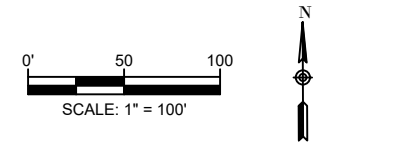
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	PHASE 5.1		PHASE 12.1
	PHASE 6.1		PHASE 13.1
	PHASE 7.1		EXISTING
	PHASE 8.1		

SEWER CAPITAL PROJECTS - LONE PINE DR

CONCEPTUAL PROJECT

3/1/2021

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SHEET SIZE: 11 x 17
DRAWING NAME: SEWER/PIP 2022
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	PHASE 3.1		PHASE 10.1
	PHASE 4.1		PHASE 11.1
	PHASE 5.1		PHASE 12.1
	PHASE 6.1		PHASE 13.1
	PHASE 7.1		EXISTING
	PHASE 8.1		

SEWER CAPITAL PROJECTS - MINUTEMAN DR

CONCEPTUAL PROJECT

3/1/2021

