

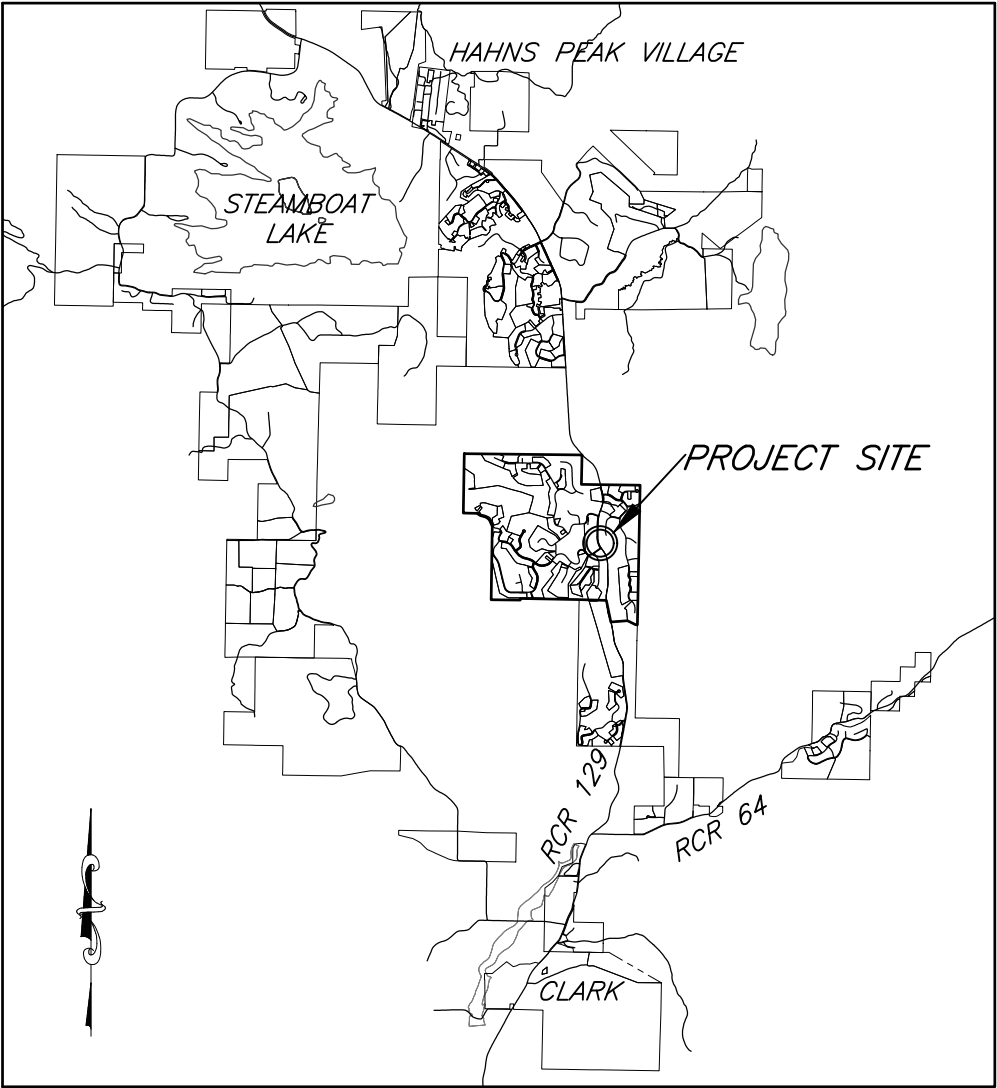
I:\4053.007A SLWSD - Sewer Video Inspection\Drawings\MH 5-6\SLWSD Sewer Trunk Repair 2023 C-000 COVER.dwg, C000 COVER, ANSI full bleed B (11.00 x 17.00 inches)

STEAMBOAT LAKE WATER & SANITATION DISTRICT

Sewer Trunk Line Repair 2023

Construction Drawings

October 2023



VICINITY MAP
Not to Scale

DRAWING INDEX

C-001	GENERAL NOTES & LEGENDS
C-101	SEWER PLAN
C-501	DETAILS

**PRELIMINARY PLANS
NOT FOR CONSTRUCTION
FOR REVIEW AND APPROVAL ONLY**

OWNER:

Steamboat Lake Water &
Sanitation District
P.O.Box 662
Clark, CO 30428
(970) 756-3495

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Civil Design Consultants, Inc.
Civil and Environmental Engineers
3001 South Lincoln Avenue, Suite E-2
Steamboat Springs, CO 80487
Tel (970) 879-3022

PROJECT: SLWSD TRUNK LINE REPAIRS 2023
CDC PROJ. NO: 4053.007B
OWNER: Steamboat Lake Water & San. Dist.
ISSUED: 10/27/2023 REF: Constr. Dwgs

1. BASE MAP PLANIMETRICS AND TOPOGRAPHY PROVIDED BY PROJECT SURVEYOR.
2. FLOOD HAZARD MAPPING AND WATER BODY SETBACKS PER PROJECT SURVEYOR.
3. WETLAND DELINEATION, MITIGATION AND SECTION 404 PERMITTING PER PROJECT WETLANDS CONSULTANT.
4. THESE DRAWINGS DO NOT INCLUDE PROVISIONS FOR JOBSITE SAFETY. JOBSITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL TRAFFIC CONTROL DEVICES SHALL BE PER "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
6. WHERE REFERENCED, "CDOT STANDARDS" SHALL BE THE LATEST EDITIONS OF:
 - A. CDOT STANDARD PLANS, M&S STANDARDS, AND/OR
 - B. CDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

1. SOILS BORINGS OR TEST PIT INFORMATION PER INVESTIGATION REPORT BY PROJECT GEOTECHNICAL ENGINEER. SEE SPECIFICATIONS.
2. ALL OVERLOT GRADING SHALL COMPLY WITH APPROPRIATE SECTIONS OF THE CURRENT BUILDING CODE.
3. CONTRACTOR SHALL OBTAIN A ***GRADING AND EXCAVATION PERMIT*** AS APPLICABLE.
4. PAVEMENT SECTIONS, CUT AND FILL SLOPE, AND RETAINING WALL RECOMMENDATIONS BY PROJECT GEOTECHNICAL ENGINEER, AS LISTED IN REPORT ABOVE. SEE SPECIFICATIONS.
5. CONTRACTOR SHALL OBTAIN A ***GENERAL PERMIT FOR DEWATERING ASSOCIATED WITH CONSTRUCTION ACTIVITY***, AS REQUIRED BY THE COLORADO DEPARTMENT OF HEALTH AND ENVIRONMENT, WHERE APPROPRIATE.
6. CULVERT LOCATIONS AND INVERTS ARE APPROXIMATE. CONTRACTOR SHALL CONFIRM THAT CULVERTS MATCH FIELD CONDITIONS AND THAT A MINIMUM 12" COVER IS PROVIDED TO DESIGN FINISH GRADE. CONSTRUCT GRADUAL TRANSITION DITCHES IN AND OUT OF CULVERTS AS REQUIRED.

1. ALL CONSTRUCTION AND MATERIALS FOR WATER AND SEWER SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE STANDARDS AND SPECIFICATIONS ISSUED BY THE CITY OF STEAMBOAT SPRINGS, UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL OBTAIN COPIES OF THESE STANDARDS AND SPECIFICATIONS.
2. A ***RIGHT-OF-WAY EXCAVATION PERMIT*** IS REQUIRED FOR ALL UTILITY CUTS WITHIN ROAD RIGHTS-OF-WAY. TRAFFIC CONTROL PLANS MEETING M.U.T.C.D. REQUIREMENTS ARE REQUIRED PRIOR TO ANY WORK IN ROAD RIGHTS-OF-WAY. NO WORK SHALL OCCUR IN THE R.O.W. BETWEEN NOVEMBER 1 - APRIL 1 UNLESS A WRITTEN VARIANCE HAS BEEN APPROVED AND ISSUED BY ROUTT COUNTY.
3. TEST HOLES ARE REQUIRED TO VERIFY LOCATION AND ELEVATION OF EXISTING INFRASTRUCTURE AT POINTS OF CONNECTION PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL OBTAIN A ***MINIMAL INDUSTRIAL DISCHARGE PERMIT***, AS REQUIRED BY THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, FOR THE DISPOSAL OF CHLORINATED WATER FROM TESTING AND FLUSHING ACTIVITIES.
5. EXISTING DRY UTILITY LOCATIONS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING DRY UTILITIES PRIOR TO BEGINNING ANY EXCAVATION. RELOCATION OF SOME EXISTING DRY UTILITIES MAY BE NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO EXISTING DRY UTILITIES CAUSED BY HIS OPERATIONS.
6. COMPLETE SUBGRADE CONSTRUCTION PRIOR TO WATER, SEWER, AND DRY UTILITY INSTALLATION.
7. MANHOLE AND VAULT RIM ELEVATIONS ARE APPROXIMATE AND REPRESENT APPROXIMATE FINISH ELEVATIONS. CONTRACTOR IS RESPONSIBLE FOR ORDERING AND INSTALLING COMPONENTS SUCH THAT THE SPECIFICATIONS OF THE GOVERNING WATER AND SEWER DISTRICT ARE MET, INCLUDING ADJUSTMENTS FROM INDICATED ELEVATIONS, IF REQUIRED.
8. WATER AND SEWER SERVICE SIZES TO BE AS NOTED ON THE DRAWINGS. FOR INDUSTRIAL, COMMERCIAL OR MULTI-FAMILY SITES, VERIFY BUILDING WATER AND SEWER SERVICE SIZES AND ENTRY LOCATIONS WITH PROJECT ARCHITECT AND/OR MECHANICAL ENGINEER PRIOR TO SEWER AND WATER CONSTRUCTION.
9. MAINTAIN 15 FT. CLEAR DISTANCE BETWEEN FIRE HYDRANTS AND CURB BOXES, SEWER CLEANOUTS AND ALL ABOVE GROUND DRY UTILITY FACILITIES.
10. EASEMENTS OF VARIOUS TYPES ARE TO BE DEDICATED AS SHOWN ON THE PLAN OR DRAWINGS. ANY REVEGETATION WITHIN DRAINAGE AND UTILITY EASEMENTS SHALL BE OF A LOW GROWTH NATURE. MAINTAIN 10 FT. MINIMUM SEPARATION FROM WATER AND SEWER MAINS AND APPURTENANCES TO TREES, BOULDERS, ETC.
11. PROPOSED ELECTRIC, TELEPHONE, CABLE TV, AND GAS LINE LOCATIONS AND ABOVE GROUND FACILITIES SHOWN ARE PRELIMINARY AND MAY VARY WHEN DESIGN IS COMPLETED BY THE UTILITY COMPANIES. MAINTAIN 5' MINIMUM SEPARATION BETWEEN DRY UTILITIES AND PARALLEL WATER/SEWER MAINS.
12. CONDUITS FOR DRY UTILITY CROSSINGS SHALL BE 4" SCHED. 40 PVC. CAP ENDS AND PROVIDE 4x4 TREATED TIMBER MARKING POSTS EACH END.
13. CONTRACTOR IS RESPONSIBLE FOR COORDINATING DRY UTILITY INSTALLATION WITH THE RESPECTIVE DRY UTILITY COMPANIES.
14. PROVIDE MINIMUM 48 HRS. NOTICE TO AFFECTED HOMEOWNERS AND UTILITY DISTRICTS PRIOR TO SCHEDULED UTILITY DISRUPTIONS.

1. THE REQUIRED MINIMUM PERMANENT STORMWATER MANAGEMENT PRACTICES ARE SHOWN AND NOTED ON THE DRAWINGS. SOME TEMPORARY MEASURES MAY ALSO BE SHOWN. THE CONTRACTOR SHALL MODIFY AND SUPPLEMENT PRACTICES SHOWN AS NECESSARY TO SATISFY STORMWATER PLAN AND PERMITTING REQUIREMENTS. COMPLY WITH THE BOOKLET "EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION", ROUTT COUNTY, COLORADO.
2. FOR WORK OUTSIDE OF THE CITY OF STEAMBOAT SPRINGS, CONTRACTOR SHALL OBTAIN A ***STORM WATER MANAGEMENT PERMIT*** AS REQUIRED BY ROUTT COUNTY. THE CONTRACTOR MAY SUPPLEMENT THE INFORMATION PROVIDED ON THESE DRAWINGS AND SPECIFICATIONS AS NECESSARY FOR PREPARATION OF A STORMWATER MANAGEMENT PLAN TO OBTAIN SUCH PERMIT. THE CIVIL ENGINEER SHALL HAVE NO DUTY OR RESPONSIBILITY WITH RESPECT TO PREPARATION OF THIS PLAN.
3. CONTRACTOR SHALL OBTAIN A ***STORMWATER DISCHARGE CONSTRUCTION GENERAL PERMIT***, AS REQUIRED BY THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT. THE CONTRACTOR MAY SUPPLEMENT THE INFORMATION PROVIDED ON THESE DRAWINGS AND SPECIFICATIONS AS NECESSARY FOR PREPARATION OF A STORMWATER MANAGEMENT PLAN TO OBTAIN SUCH PERMIT. THE CIVIL ENGINEER SHALL HAVE NO DUTY OR RESPONSIBILITY WITH RESPECT TO PREPARATION OF THIS PLAN.
4. ALL DRAINAGE SWALES SHALL BE GRASS-LINED EXCEPT: RIPRAP OR GEOTEXTILE CHANNEL LINING SHALL BE PROVIDED WHERE INDICATED.
5. ALL DISTURBED AREAS NOT RECEIVING FINISH GRADE OR LANDSCAPE TREATMENT SHALL RECEIVE TOPSOIL REPLACEMENT AND NATIVE GRASS REVEGETATION AS A MINIMUM, EXCEPT FOR ROCK SURFACES, UNLESS NOTED OTHERWISE. REVEGETATION SHALL OCCUR AS SOON AS FEASIBLE.
6. IF INDICATED, ALL CULVERT INLETS AND OUTLETS SHALL HAVE FLARED END SECTIONS OR HEADWALLS, AND RIPRAP PADS. RIPRAP FOR PADS IS NOT SHOWN ON PLANS UNLESS MORE AREA IS REQUIRED THAN INDICATED ON TYPICAL DETAIL.
7. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES UNTIL ESTABLISHMENT OF REVEGETATION TO THE SATISFACTION OF THE AGENCY HAVING JURISDICTION AND SHALL REMOVE ALL TEMPORARY CONTROL MEASURES WHICH HAVE OUTLIVED THEIR USEFULNESS AT FINAL ACCEPTANCE.
8. CONTRACTOR SHALL APPLY FOR AND OBTAIN A ***FUGITIVE DUST PERMIT***, AS REQUIRED BY THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT.
9. ALL CONTROLS SHALL BE INSTALLED AS EARLY AS PRACTICAL. DOWNSTREAM PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO STRIPPING AND STOCKPILING. ALL CONTROLS SHALL BE MONITORED REGULARLY, MODIFIED TO MAINTAIN EFFECTIVENESS, AND CLEANED PRIOR TO THE ONSET OF WINTER, NO LATER THAN OCTOBER 31ST OF ANY YEAR.
10. IN A PHASED CONSTRUCTION PROJECT, THE ABOVE MEASURES AND PROCEDURES SHALL BE IMPLEMENTED AND COMPLETED AS EACH PHASE PROGRESSES, BEFORE PROCEEDING ON TO THE NEXT PHASE.

1. STAKING OF THE WORK SHALL BE PROVIDED BY THE CONTRACTOR, UNLESS INDICATED OTHERWISE. THE ENGINEER WILL PROVIDE AN ELECTRONIC (CADD) FILE OF RELEVANT PORTIONS OF THE CIVIL WORK IN ADDITION TO THE HARDCOPY DOCUMENTS. SUCH CADD FILES MAY NOT SHOW ALL ITEMS REQUIRED TO BE STAKED.
2. IN THE EVENT OF A CONFLICT BETWEEN THE ELECTRONIC (CADD) FILE AND THE CONTRACT DRAWINGS AND SPECIFICATIONS, THE CONTRACT DRAWINGS AND SPECIFICATIONS SHALL GOVERN. THE AVAILABILITY AND USE OF CADD FILES SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PROPER CHECKING AND COORDINATION OF DIMENSIONS, LINES, GRADES AND QUANTITIES OF MATERIALS AS REQUIRED FOR COMPLETE AND ACCURATE COMPLETION OF THE WORK.
3. DO NOT STAKE USING CONTOUR LINES. GRADES SHOULD BE DETERMINED FROM SPOT ELEVATIONS AND NOTED ELEVATIONS ON CONSTRUCTION DRAWINGS AND DETAILS.
4. FOR STAKING OF CATCH BASINS AND INLETS, CONTRACTOR AND/OR SURVEYOR IS RESPONSIBLE FOR DETERMINING STRUCTURE LOCATION AND PIPE ALIGNMENT FROM INFORMATION PROVIDED.
5. DO NOT SCALE DRAWINGS. DIMENSIONS LISTED ON DRAWINGS AND SPECIFIED MINIMUMS OR MAXIMUMS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

EXISTING	PROPOSED	
		WATER (SIZE & TYPE AS NOTED)
		VALVE, REDUCER
		AIR RELEASE VALVE IN MANHOLE
		WATER SERVICE W/CURB STOP
		FIRE HYDRANT & GATE VALVE
		BLOWOFF HYDRANT
		SEWER (SIZE & TYPE AS NOTED)
		SEWER MANHOLE
		SEWER SERVICE, CLEANOUT
		PRESSURE SEWER SERVICE W/CURB STOP & CHECK VALVE
		OVERHEAD ELECTRIC LINE
		ELECTRIC LINE
		FIBER OPTICS LINE
		TELEPHONE LINE
		GAS LINE
		CABLE TV LINE
		ELEC, TEL, TV PED GROUPING
		ELEC TRANSFORMER OR SWITCH GEAR
		ELEC CUBICLE
		TEL PED
		CATV PED
		DRY UTILITY CONDUIT (NUMBER)
		POWER POLE
		LIGHT POLE
		GUY WIRE
		PUBLIC LANDS SURVEY LINE
		EASEMENT LINE
		B'LDG. ENVELOPE/SETBACK LINE
		ADJACENT PROPERTY OWNER
		CONTOUR
		SPOT ELEVATION
		TOP BACK OF CURB ELEVATION
		FLOW LINE ELEVATION
		EDGE OF ASPHALT ELEVATION
		FINISH FLOOR ELEVATION
		ROCK OUTCROP
		WETLAND
		TREE/VEGETATION LINE
		FENCE
		TOP OF CUTS
		TOE OF FILLS
		SITE GRADING SLOPE
		PAVEMENT/CONCRETE SLOPE
		STORM DRAIN (SIZE & TYPE NOTED)
		CULVERT; FLARED END SECT./HEADW'T
		SUBDRAIN
		DRAINAGE SWALE/ IRRIG. DITCH
		STORM DRAIN CATCH BASIN/INLET
		STORM DRAIN CLEANOUT/MANHOLE
		RIPRAP
		ROCK CHECK DAM
		HAY BALE BARRIER
		SEDIMENT CONTROL LOG
		SILT FENCE
		SIGNS
		BENCH MARK
		TEST PIT
		TRAIL OR SIDEWALK
		GUARDRAIL (METAL)
		GUTTER/CURB AND GUTTER
		EDGE OF PAVEMENT/SHOULDER

CENTER OF CATCH BASIN FOR AREA DRAIN/ CENTER OF BACK EDGE OR CORNER OF BACK EDGE OF GRATE FOR INLETS IN GUTTERS <CENTER, MIDPT., ENDPNT.>

CENTER OF IN-LINE VALVE OR VALVE SPECIFICALLY DIMENSIONED FROM FITTING (GENERALLY, VALVES NEAR FITTINGS SHOULD NOT BE PICKED FOR STAKEOUT.) <CENTER>

CENTER OF CURB STOP <CENTER>

VERTICAL WATERLINE BEND <INTERSECTION>

WATERLINE BEND (HORIZONTAL) <INTERSECTION>

WATERLINE TEE <INTERSECTION>

CENTER OF FIRE HYDRANT <CENTER>

CENTER OF MANHOLE BASE <CENTER>

CENTER OF CLEANOUT <INSERT>

END OF SEWER SERVICE <INTERSECTION>

EDGE OF GUTTER <INSERT>

EDGE OF ASPHALT AT GUTTER <INSERT>

TOP BACK OF CURB <INSERT>

FLOW LINE OF GUTTER <INSERT>

95.00 TBC OR EA

95.00 EA

95.50 TBC

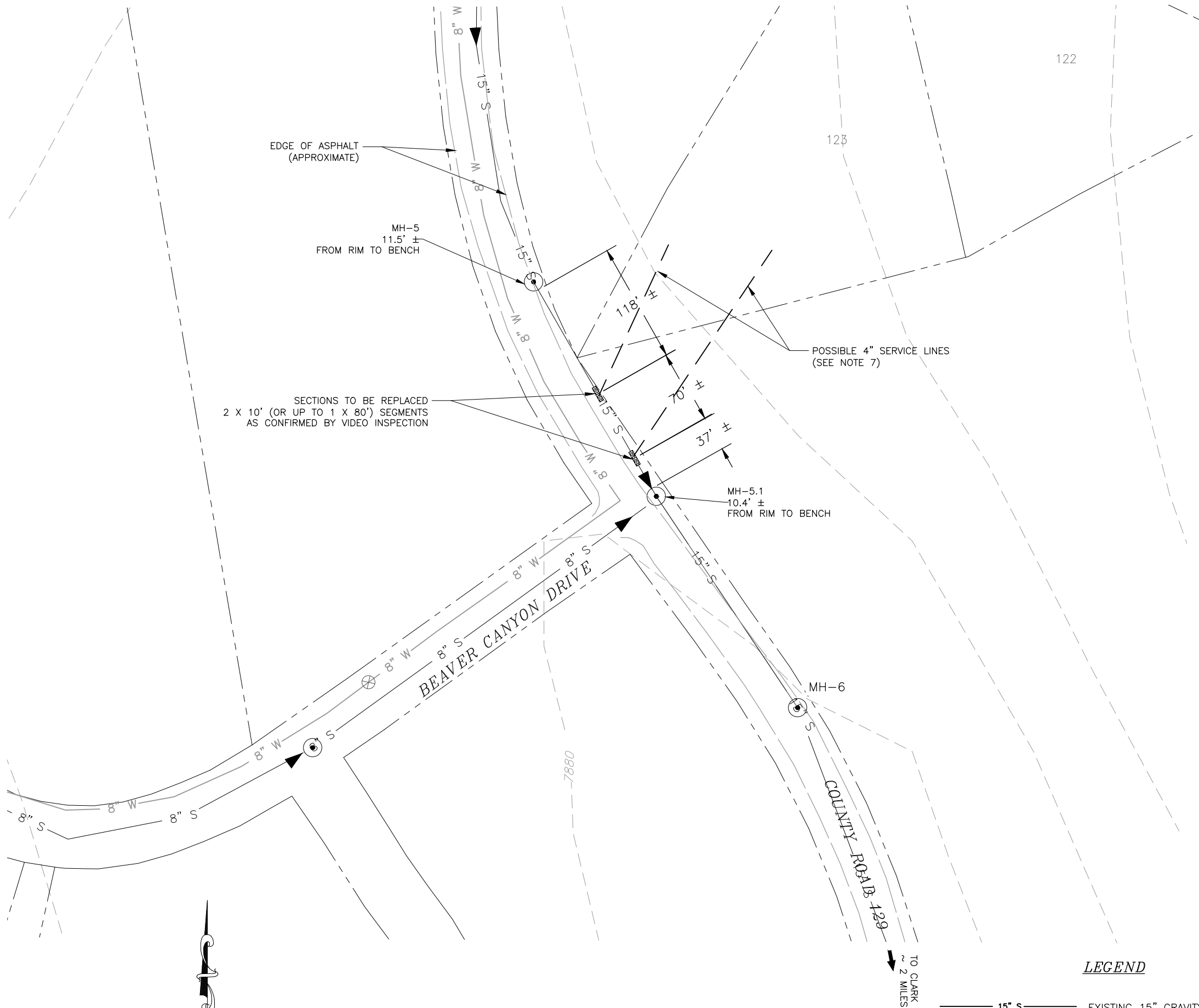
95.00 FL



REVISIONS		
No.	Item	Date
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Date: 10/25/23	<i>STEAMBOAT LAKE WATER & SANITATION DISTRICT</i>	
Drawn: GE		
Designed: GE/MA	SEWER TRUNK LINE	
Scale: As Noted	REPAIR 2023	
	GENERAL NOTES & LEGENDS	
	Civil Design Consultants, Inc. Civil and Environmental Engineers 3001 South Lincoln Avenue, Suite E-2 Steamboat Springs, CO 80487 Tel (970) 879-3022	
	Project No. 4053.007A	Sheet No. C-001

I:\4053.007A SLWSD - Sewer Video Inspection\Drawings\MH 5-6\SLWSD Sewer Trunk Repair 2023 C-101 PLAN, ANSI full bleed B (11.00 x 17.00 inches)



NOTES

1. DRAWING IS BASED ON SLWSD SYSTEM DRAWING AND NOT SURVEYING. UTILITY LOCATES NEEDED.
2. 2 SPOT REPAIRS ARE REQUIRED ON THE MAIN TRUNK LINE IN COUNTY ROAD 129 ROW BETWEEN MH-5 AND MH-5.1
3. REFER TO SEQUENCING PLAN FOR RECOMMENDED SEQUENCE OF WORK.
4. SEGMENT REPAIRS ESTIMATED AS ±10' SECTIONS BASED ON RECENT VIDEO INSPECTION. A LONGER SEGMENT BETWEEN SEGMENTS SHOWN MAY NEED TO BE REPLACED. LENGTH OF SEGMENT TO BE REPLACE SHALL BE FIELD DETERMINED.
5. THE CONTRACTOR SHALL MAKE EVERY ATTEMPT TO COMPLETE WORK OUTSIDE OF RCR 129. A TRENCH BOX OF SUFFICIENT DEPTH SHALL BE USED TO MINIMIZE POTENTIAL IMPACT TO THE ASPHALT.
6. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ASPHALT DAMAGED DURING CONSTRUCTION. ANY DAMAGED ASPHALT SHALL BE COLD-PATCHED FOR WINTER WITH PERMANENT REPAIRS TO ROUTT COUNTY STANDARDS MADE THE FOLLOWING SPRING.
7. THE CONTRACTOR SHALL REPLACE ANY EXPOSED AND DAMAGED EXISTING SERVICE CONNECTION WITH FACTORY WYE FITTINGS (15" X 4" WYE).
8. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR PIPE AND FITTINGS FOR ENGINEER REVIEW AND APPROVAL.
9. REPLACEMENT PIPE SHALL BE 15" PVC, SDR 35 OR APPROVED EQUAL WITH APPROPRIATE TRANSITION COUPLERS.
10. UPON COMPLETION OF SEGMENT REPAIR, THE LINE SHALL BE VIDEO INSPECTED BETWEEN MANHOLES. ANY DEFICIENCIES IN THE SEGMENT REPLACEMENT SHALL BE REPAIRED BY THE CONTRACTOR.
11. THE CONTRACTOR IS RESPONSIBLE FOR BYPASS PUMPING. RECOMMENDED MINIMUM BYPASS PUMP RATE IS 20 GPM WITH A 3" NON-CLOG SOLIDS HANDLING PUMP. A GRINDER PUMP IS NOT RECOMMENDED DUE TO DEBRIS OBSERVED IN THE LINE.
12. A TRAFFIC CONTROL PLAN AND ROW PERMIT ARE REQUIRED TO BE SUBMITTED AND APPROVED BY ROUTT COUNTY PRIOR TO STARTING WORK.
13. THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY, TRAFFIC CONTROL, BYPASS PUMPING.
14. THE CONTRACTOR SHALL PROVIDE OWNER AND ENGINEER 48 HOUR ADVANCE NOTICE PRIOR TO BEGINNING WORK.

SEQUENCING PLAN

PART 1:

- 1.1. THE CONTRACTOR SHALL ORDER MATERIALS, NECESSARY EQUIPMENT, AND PREPARE TO MOBILIZE.
- 1.2. WHEN ALL NECESSARY MATERIALS AND EQUIPMENT ARE ON SITE, ACTION DRAIN (UNDER SEPARATE CONTRACT WITH THE OWNER) WILL ATTEMPT TO CLEAN THE LINE. IF SUCCESSFUL THEY WILL FOLLOW UP WITH A VIDEO INSPECTION TO CHECK DAMAGE TO THE TRUNK LINE AND CONFIRM SEGMENT LENGTHS TO BE REPLACED.
- 1.3. IF DAMAGE TO THE LINE IS DEEMED TO BE MINIMAL, PART 2 AND PART 3 WILL BE DELAYED UNTIL SPRING OR SUMMER OF 2024.
- 1.4. IF THE TRUNK LINE IS SIGNIFICANTLY DAMAGED, OR ACTION SERVICES IS UNABLE TO GET THROUGH THE FULL SECTION, THEN THE CONTRACTOR WILL PROCEED WITH PART 2 IMMEDIATELY.

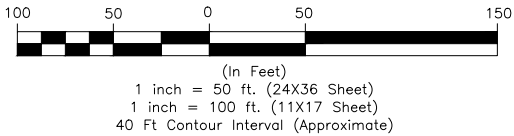
PART 2:

- 2.1. THE CONTRACTOR WILL ESTABLISH TRAFFIC CONTROL, BYPASS PUMPING, AND EXCAVATE THE FAILED SEGMENTS. ANY PLUGGED OR FAILED PIPE SEGMENTS WILL BE REPLACED WITH PVC AS REQUIRED TO PROVIDE UNOBSTRUCTED FLOW BETWEEN MANHOLES.
- 2.2. THE CONTRACTOR WILL ATTEMPT TO COMPLETE THE WORK WITHOUT DAMAGING RCR 129. ANY DAMAGED ASPHALT WILL BE TEMPORARILY COLD-PATCHED WITH RECYCLED ASPHALT FOR THE WINTER. A PERMANENT HOT ASPHALT PATCH WILL THEN BE REQUIRED IN THE SPRING.

PART 3:

- 3.1. UPON COMPLETION OF PIPE REPAIRS AND PRIOR TO CONTRACTOR DEMOBILIZATION, THE PIPE IS TO BE JETTED AND SEWER VIDEOED BY ACTION DRAIN (UNDER SEPARATE CONTRACT WITH THE OWNER).
- 3.2. IF ANY DEFICIENCIES FOR THE REPLACED SEGMENTS ARE OBSERVED IN THE VIDEO, THEY WILL BE REPAIRED BY THE CONTRACTOR PRIOR TO DEMOBILIZATION.

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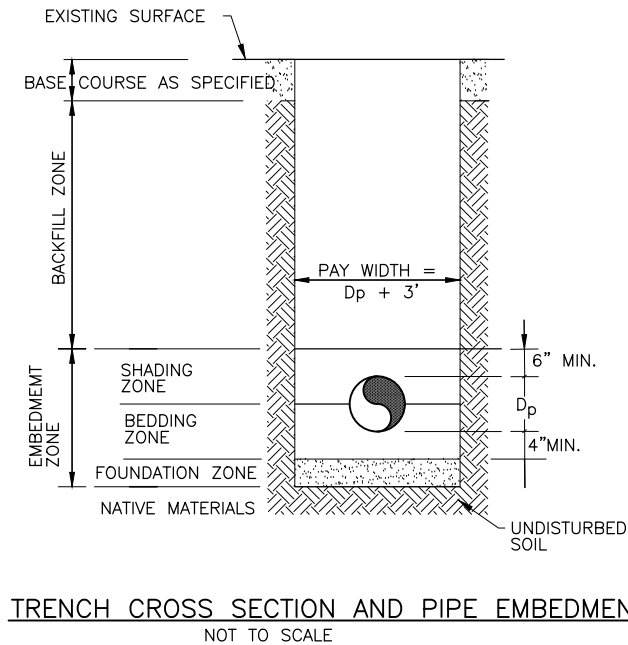
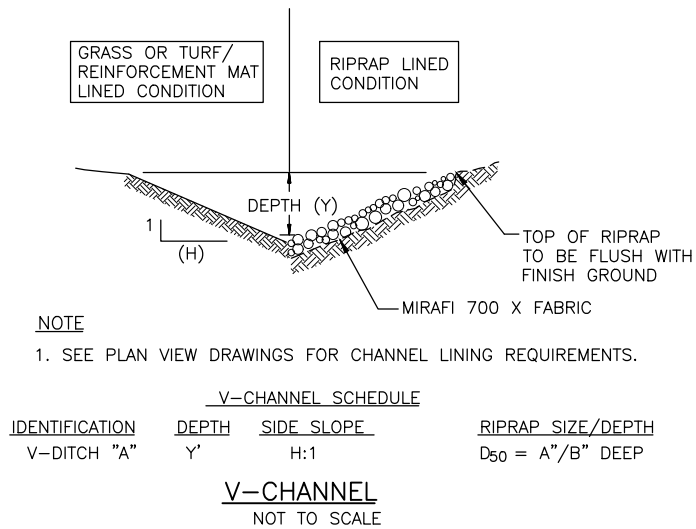
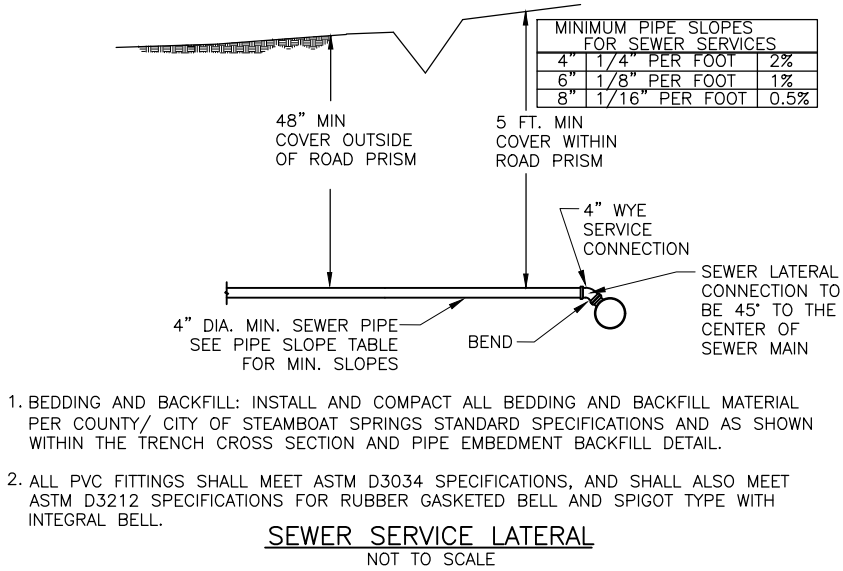
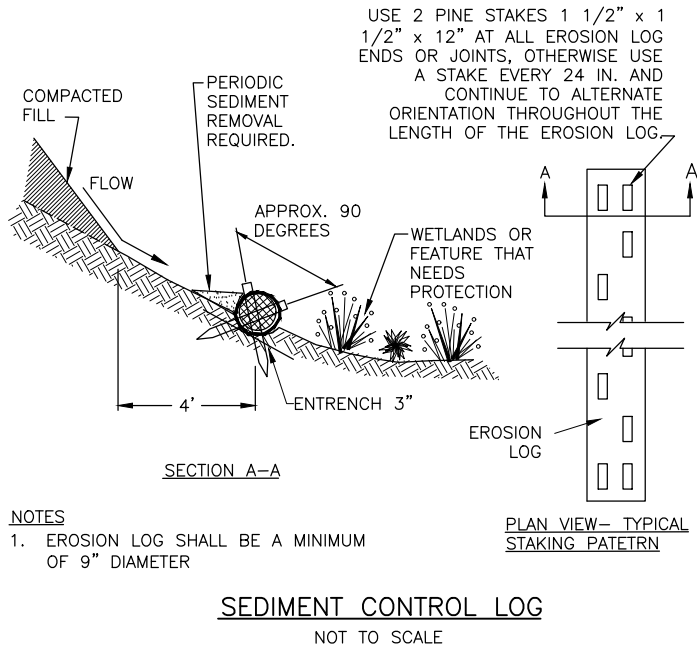


LEGEND

- 15" S EXISTING 15" GRAVITY SEWER W/ MANHOLE
- 8" S EXISTING 8" GRAVITY SEWER W/ MANHOLE
- APPROXIMATE SECTION TO BE REPLACED

Date: 10/25/23	STEAMBOAT LAKE WATER & SANITATION DISTRICT
Drawn: GE	
Designed: GE/MA	
Scale: As Noted	
	SEWER TRUNK LINE REPAIR 2023 SEWER PLAN
	Civil Design Consultants, Inc. Civil and Environmental Engineers 3001 South Lincoln Avenue, Suite E-2 Steamboat Springs, CO 80487 Tel (970) 879-3022
	Project No. 4053.007A Sheet No. C-101

I:\4053.007A SLWSD - Sewer Video Inspection\Drawings\MH 5-6\SLWSD Sewer Trunk Repair 2023 C-501 DTL, ANSI full bleed B (11.00 x 17.00 inches)



**PRELIMINARY PLANS
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REVISIONS		
No.	Item	Date

Copyright CIVIL DESIGN CONSULTANTS, INC. 2023		
Date: 10/26/23	STEAMBOAT LAKE WATER & SANITATION DISTRICT	
Drawn: GE		
Designed: GE/MA	SEWER TRUNK LINE	
Scale: As Noted	REPAIR 2023	
	DETAILS	
	Civil Design Consultants, Inc. Civil and Environmental Engineers 3001 South Lincoln Avenue, Suite E-2 Steamboat Springs, CO 80487 Tel (970) 879-3022	
	Project No. 4053.007A	Sheet No. C-501