



SPRING HOLLOW TRAIL CONSTRUCTION PHASE 2

PROJECT MANUAL



WASHINGTON COUNTY, UTAH
111 E TABERNACLE ST.
ST. GEORGE, UT 84770

REQUEST FOR PROPOSALS SEPTEMBER 2023

ISSUING DATE: Dec 6, 2023
PRE-BID MEETING: Dec 18, 2023
CLOSING DATE: January 11, 2024
AWARD DATE: January 25, 2024

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SECTION 00 – PROJECT INFORMATION SUMMARY PAGE

PROJECT TITLE

Spring Hollow Trail Construction Phase
2

PROJECT LOCATION

North of St. George, Utah
Intersection of FR031 and FR901
Dixie National Forest, Pine Valley
Ranger District
37.232315, -113.564223

OWNER; SUBMIT PROPOSALS TO

Washington County – Utah
111 E Tabernacle St.
St. George, UT 84770

Leslie Fonger
Destination Development Manager
Greater Zion Convention & Tourism
Office
leslie@greaterzion.com
(435) 301-7407

LAND MANAGER

United States Forest Service
Dixie National Forest
196 E Tabernacle, Suite 38
St. George, UT 84770

Joe Rechsteiner
District Ranger
Pine Valley Ranger District
joseph.rechsteiner@usda.gov
(435) 652-3100

PROJECT MANAGER

Trailhaus
501 May Street
Hood River, OR 97031

Shane Wilson - Principal
shane.wilson@trail.haus
(541) 490-8048

SECTION 01 - PROCUREMENT AND CONTRACTING REQUIREMENTS

PART 1 – Purpose

The purpose of this Project Manual is to provide information regarding the specialty trail construction services required to build 14+ miles of new natural surface singletrack in the Spring Hollow Trail System near St. George, Utah.

PART 2 - Contracting Requirements

1. REQUIREMENTS, GOVERNING LAWS, AND REGULATIONS

The requirements of this Invitation to Bid follow the statutes and rules pursuant to:

- a. Utah Public Contracting Statutes
- b. This project is not federally funded and does not require the payment of specific wage rates. Payroll submittal will not be required.
- c. Bidders on this Work will be subject to the applicable provisions of all federal rules, laws, regulations, or orders, including but not limited to the Build America, Buy America Act ("BABAA"). The Buy America Act must be complied with as this project does utilize some federal funds. Bidder must comply with 49 U.S.C. 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in federally funded projects are produced in the United States unless a waiver has been granted.

1. RESPONSIBILITY

It is the Bidder's responsibility to be familiar with the procurement requirements for this Invitation to Bid and the associated State of Utah Public Contracting Statutes which affect the procurement of this Contract.

2. PRE-BID MEETING

A mandatory pre-bid meeting will be held at the project site Monday December 18th, 2023 from 8:00 am to 2:00 pm on-site at:

North of St. George, Utah

Intersection of FR031 and FR901

Dixie National Forest, Pine Valley Ranger District

37.232315, -113.564223

This meeting is intended to clarify the project as needed for prospective bidders and help ensure that project expectations are understood. Attendance at this meeting is mandatory. A company representative must be present at the meeting, and have signed in on the Owner's attendance sheet, or bid proposal will not be accepted into the evaluation process. Vehicles equipped with four-wheel drive and high clearance are recommended. Attendees should be prepared for off trail hiking through rough terrain, and heavy brush. Attendees should bring adequate water, food, boots,

clothing, sunblock, navigation gear, and any other equipment that they personally require for hiking in an arid high desert environment at extremes of weather and temperatures for up to 8 hours. Maps will be provided to attendees as both physical sheets and as georeferenced PDF files available for download and viewing with Avenza PDF map on both iOS and Android mobile devices.

PART 3 – Organizations Involved

1. OWNER - WASHINGTON COUNTY UTAH

Washington County is a county in the southwestern corner of the State of Utah. As of the 2020 United States Census, the population was 180,279, making it the fifth-most populous county in Utah. Its county seat and largest city is St. George. The county was created in 1852 and organized in 1856. It was named after the first President of the United States, George Washington. Washington County comprises the St. George, UT Metropolitan Statistical Area. Major transportation infrastructure includes US Interstate 15, St. George Regional Airport, and UT Hwy 59. Major areas of public land include the Dixie National Forest, Red Cliffs Conservation Area, and Zion National Park (among many others). The citizens of Washington County are represented by 3 county commissioners. The County has entered into an agreement with the Dixie National Forest to partner on the development of high-quality recreation trails. The County will provide the procurement capacity and financial support for this project. More information is available at <http://www.washco.utah.gov>.

2. LAND MANAGER– DIXIE NATIONAL FOREST, PINE VALLEY RANGER DISTRICT

The Pine Valley Ranger District lies in the Southeast corner of the Dixie National Forest, the largest national forest in Utah. Its proximity to St. George Utah and Interstate 15 makes it a hub for recreational pursuits. Non-motorized recreation trails are in demand and the Forest has prioritized sustainable development of these amenities. The Forest has entered into an agreement with the County to partner on the development of high-quality recreation trails. The Forest will provide oversight of the project to ensure that the public resources are protected and that the trails are constructed in compliance with Forest Service specifications and relevant management decisions/plans.

3. PROJECT MANAGER CONSULTANT - TRAILHAUS

The County has contracted Trailhaus to provide overall project management for the Spring Hollow Trail Project. Trailhaus has provided updated flagged alignments for the designed trail corridors. Trailhaus will act as the County's representative during construction, inspecting and approving the Work to ensure that the selected contractor:

- Maintains compliance with trail construction specifications.
- Executes all contract requirements.
- Constructs trails that deliver high-quality trail experiences to users.
- Has delivered all the Work that the County is billed for.

PART 4 - Project Description

1. BACKGROUND AND OBJECTIVE

- a. Washington County Utah ("County") includes extensive lands managed by the Pine Valley Ranger District of the Dixie National Forest ("Forest"). The residents of and visitors to the County rely upon these lands for recreation. Recreation opportunities contribute to the high quality of life in the County by providing healthy activities as well as economic returns from tourism and related industries. These benefits compel the County to work in partnership with the Forest to create high-quality recreational trails on lands managed by the Forest.
- b. The Forest has conducted an Environmental Assessment ("EA") titled the "Spring Hollow and Grass Valley Mountain Biking Project". This includes 43 miles of new natural surface singletrack trails to be developed for mountain biking, adaptive cycling, hiking, and trail running in the Spring Hollow Trail Project. A Finding of No Significant Impact ("FONSI") was recorded, and a Final Decision Notice was adopted. The Dixie National Forest has made this trail project as a "District Priority".
- c. Spring Hollow Trail Construction: Phase 1 resulted in approximately six (6) miles of trails being built in 2022. Funds for this construction came from a combination of in-kind labor, State grants, non-profit grants, and County funds.
- d. For Spring Hollow Trail Construction: Phase 2, Washington County Utah has secured a Federal grant, a state grant, and set aside County funds to complete approximately fifteen (15) miles of additional non-motorized natural surface singletrack trail at Spring Hollow Trail System for mountain bikers, adaptive mountain bikers, hikers, and trail runners. These trails will provide shared-use opportunities for the mentioned modalities, classify a subset of trails for trail-based events, provide trails for adaptive mountain bikers, and develop directional mountain bike-optimized trails.

2. LOCATION

The project is located approximately 12 miles North of St. George, Utah. The lands are managed by the US Forest Service on the Pine Valley Ranger District of the Dixie National Forest. Project staging will occur at the Intersection of FR031 and FR901 near the coordinates 37.232315, - 113.564223

3. EXISTING SITE CONDITIONS

The site is in an arid high desert landscape dominated by sage brush, pinyon pine, and Utah juniper vegetation. The area has excessively drained shallow loam soils containing colluvium derived from eroded sandstone/shale with basalt bedrock outcrops at steeper grade breaks and along cliff edges. Many user-built routes crisscross the area, primarily used by woodcutters. The construction of trailhead facilities will commence in spring of 2024.

Prior to submitting a Bid, each Bidder is responsible to review all available explorations, tests and data concerning surface conditions, subsurface conditions and Overhead/Underground Facilities at or contiguous to the site, or otherwise, which may affect cost, progress, performance or furnishing of the Work in accordance with the time, price and other terms and conditions of the Contract Documents.

PROJECT MANUAL



4. PROJECT SCOPE

The Work consists of the construction of trails as outlined in the Requirements/Specifications section of this project manual.

5. TENTATIVE SCHEDULE OF EVENTS

Issuing Date:	December 6, 2023
Pre-Bid Meeting:	December 18, 2023, from 8:00am – 2:00pm MST
Closing Date:	January 11, 2024, 3:00 pm MST
Bid Opening:	January 11, 2024, 3:30 pm MST
Award Date:	January 25, 2024
Substantial Completion:	May 30, 2024
Final Completion:	December 31, 2024

SECTION 02 - REQUEST FOR PROPOSALS

PART 1 – General Information

1. PURPOSE OF SOLICITATION

- a. In this Request for Proposals ("RFP"), Washington County - Utah ("County") is seeking Bidders capable of providing construction services to construct the trails as shown in the documents herein for Spring Hollow Trail Construction Project, Phase 2 ("Project") near St. George, Utah.
- b. The major elements of the Project include:
- c. Construction of approximately fifteen (15) miles of natural surface singletrack recreation trails for mountain biking, adaptive cycling, hiking, and trail running at the Spring Hollow Trail System.

2. BIDDER QUALIFICATIONS AND REFERENCES

- a. The Contract will only be awarded to a Bidder who has the required related project experience and has submitted the required qualification documentation to County, with their bid documents. Qualifications include:
 - i. Minimum four (4) years of experience with mountain bike specific natural surface trail construction, and at least five (5) such projects successfully completed.
 - ii. At least two (2) trail projects of equal or longer length than this project successfully completed.
 - iii. Successful completion of a minimum of five (5) trail projects with similar components (including complexity) as required for this project.
 - iv. Active Utah contractor license.
 - v. Demonstrated experience constructing shared-use natural surface singletrack trails and mountain bike optimized natural surface singletrack trails on Federal lands in a high desert environment.
 - vi. Demonstrated experience constructing trails in difficult, rocky terrain requiring armoring and retaining walls.
 - vii. Demonstrated experience constructing trails with both mechanized equipment and hand construction methods.
- b. See Submittal Requirements section of the specifications for full information.
- c. Bidders must be skilled, experienced, and regularly engaged in the general class and type of Work called for in the Contract Documents.

3. INSURANCE REQUIREMENTS

- a. PERFORMANCE AND PAYMENT BONDS

Performance and payment bonds in an amount equal to the full Contract price conditioned on the faithful performance of the Contract in accordance with Plans, Specifications, and Conditions of the Contract shall be promptly executed and delivered to County.

b. INSURANCE

Throughout the Project, the Bidder must have and maintain in force, at its own expense, all insurance, required by County, noted below:

- i. Workers Compensation insurance in compliance with all relevant State of Utah regulations and ordinances. All employers, including Contractor, that employ subject workers who work under this Contract in the State of Utah shall comply with all relevant State of Utah regulations and ordinances and provide the required Workers' Compensation coverage, unless such employers are exempt. Contractor shall ensure that each of its subcontractors complies with these requirements.
- ii. Commercial General Liability insurance, on an occurrence basis, with a combined single limit of not less than \$2,000,000 for each occurrence of bodily injury, personal injury, and property damage, and \$4,000,000 in the annual aggregate. It shall include coverage for broad form contractual liability; broad form property damage; personal and advertising injury; owners and contractor protective; premises/operations; and products/completed operations. Coverage shall not exclude excavation, collapse, underground, or explosion hazards.
- iii. Commercial Automobile Liability insurance with a combined single limit, or the equivalent of not less than \$2,000,000 for each accident for Bodily Injury and Property Damage, including coverage for owned, hired, and non-owned vehicles. "Symbol One" coverage shall be designated.
- iv. Notice of cancellation or change. There shall be no cancellation, material change, reduction of limits or intent not to renew the insurance coverage(s) without 30 days written notice from the Contractor or its insurer(s) to County. This notice provision shall be by endorsement physically attached to the certificate of insurance.
- v. Additional Insured. For general liability insurance and automobile liability insurance County, and its agents, officers, and employees will be Additional Insureds, but only with respect to Contractor's services to be provided under this Contract. This coverage shall be by endorsement physically attached to the certificate of insurance.
- vi. Certificates of Insurance. Contractor shall furnish insurance certificates acceptable to County prior to commencing Work. The certificate will include the deductible or retention level and required endorsements. Insuring companies or entities are subject to County approval. If requested, copies of insurance policies shall be provided to the County. Contractor shall be responsible for all deductibles, self-insured retentions, and/or self-insurance.

4. BID SECURITY

Bid security in the amount of five percent of the Bid must accompany each Bid in accordance with the Instructions to Bidders. Bid Security will be returned to each unsuccessful Bidder after tabulation and award of the Construction Contract.

5. VALIDITY PERIOD FOR BIDS

- a. A Bidder's Bid is a firm Bid, irrevocable, valid and binding on the Bidder for not less than sixty (60) calendar days from the Closing Date.
- b. Bidders who withdraw their bid after Bid opening, but before expiration of said period, shall forfeit their bid security if Notice of Intent to Award to the successful Bidder is made by County.
- c. County may request, orally or in writing, the time during which County can consider the Bid(s). If a Bidder agrees to such extension, the Bid shall continue as a firm Bid, irrevocable, valid and binding on the Bidder for the agreed-upon extension period.

PART 2 - Examination of Site and Contract Documents

1. PRE-BID MEETING

A mandatory pre-bid meeting will be held at the project site December 18, 2023 from 8:00 am to 2:00 pm on-site at:

North of St. George, Utah
Intersection of FR031 and FR901
Dixie National Forest, Pine Valley Ranger District
Coordinates (37.232315, -113.564223)

This meeting is intended to clarify the project as needed for prospective bidders and help ensure that project expectations are understood. Attendance at this meeting is mandatory. A company representative must be present at the meeting, and have signed in on the Owner's attendance sheet, or bid proposal will not be accepted into the evaluation process. Vehicles equipped with four-wheel drive and high clearance are recommended. Attendees should be prepared for off trail hiking through rough terrain, and heavy brush. Attendees should bring adequate water, food, boots, clothing, sunblock, navigation gear, and any other equipment that they personally require for hiking in a desert environment at high temperatures for up to 6 hours. Maps will be provided to attendees as both physical sheets and as georeferenced PDF files available for download and viewing with Avenza PDF map on both iOS and Android mobile devices.

2. PROJECT DATES

Bids Due: January 11, 2024, 3:00 PM MST

Start Date: Notice to Proceed (NTP) expected to be issued by February 9, 2024

Substantial Completion: May 30, 2024

Final Completion: December 31, 2024

3. IN GENERAL

The County shall not be bound by any statements, representations, conclusions, or assumptions made by any party, whether oral or written, except for written statements that are issued in an Addendum.

4. ACCESS

The Contract Documents designate the site for performance of the Work. Bidder is responsible to investigate the site and understand all access requirements. All additional off-site lands and access thereto required for temporary construction facilities or storage of materials and equipment are to be provided by Bidder.

5. BIDDER'S OBLIGATIONS

In addition to Bidder's other responsibilities and obligations in connection with submitting a Bid, it is the responsibility of the Bidder before submitting a Bid, to:

- a. Examine the Contract Documents thoroughly; Visit the site to become familiar with local conditions that may affect cost, progress, performance or furnishing of the Work;
- b. Investigate all applicable construction and labor conditions, quantities, and the character of the Work as they affect cost, progress, performance, or furnishing of the Work;
- c. Consider federal, state and local Laws and Regulations that may affect cost, progress, performance or furnishing of the Work;
- d. Study and carefully correlate Bidder's observations with the Contract Documents;
- e. Attend the pre-bid meeting, which shall be mandatory;
- f. Review all available explorations and data concerning surface and subsurface; and
- g. Identify and notify County in writing of all specific conflicts, omissions, errors, or discrepancies in the Contract Documents, or if Bidder doubts their meanings.
- h. The failure or omission of any Bidder to take any of the foregoing actions shall not in any way relieve Bidder of its Bid, or its obligation to furnish all material, equipment, labor and services necessary to carry out the provisions of the Contract Documents and to complete the contemplated Work for the consideration set forth in its Bid. Submission of a Bid shall constitute prima facie evidence of compliance with these instructions.

6. DEVIATIONS FROM THE TERMS OF THE CONTRACT DOCUMENTS

- a. County will not accept any deviations whatsoever from the printed terms of the awarded contract Agreement and the Contract Documents, except by Addendum or Change Order.

PART 3 – Procurement

1. METHOD OF BIDDING

Bidder shall complete and submit all documents required by the RFP. County reserves the right to discard documents submitted by a Bidder that are not required by the RFP and do not contain any Bidder-supplied information.

2. NOTICE AND AMENDMENT OF BID

Any changes or additions to the Bid content developed after the release of the Bid will be described in Addenda. Such changes and/or additions include any change of dates in the Bid Schedule.

County will not issue Addenda less than 72 hours (3 calendar days) prior to 2:00 pm MST on the Bid closing date. Should the Bid closing date be extended by Addendum, the extended Bid closing date will supersede the prior closing date in determining the 72-hour Addendum window. Bidders should check the County website (www.washco.utah.gov) frequently until Closing, i.e., at least once weekly until the week of Closing and at least once daily the week of Closing.

3. PRICING BID SUBMITTAL INSTRUCTIONS:

- a. Bidders shall enter pricing and other required information for all Bid Items listed in the Bid Form.
- b. If the Bid Form is replaced by an Addendum, then Bidders shall use that replacement form to provide pricing and other required information.
- c. If the Bid Form is only modified by an Addendum, then Bidders shall follow the instructions in the Addendum for making modifications to the Bid Form.
- d. Failure to supply the required information in the Bid Form or subsequent Addendum may result in rejection of the Bid as non-responsive.
- e. In the event of a discrepancy between extended prices and unit prices, unit prices will prevail.
- f. All Bids, including attachments, shall be delivered via email to the address below and received by the County no later than **January 11, 2023 3:00 PM MST**
- g. All bids must be emailed to: Leslie@greaterzion.com
- h. A public bid opening will be January 11, 2023 3:30 PM MST in Conference Room #182 of the Washington County Administration Building located at 111 E Tabernacle Street St. George, Utah 84770. A virtual link can be requested via email to Leslie@greaterzion.com.
- i. Late Bids shall not be considered. Bids received after the specified time and date will not be given further consideration.
- j. No other materials shall be submitted with the Bid, except those specifically identified in this RFP.
- k. The Bid must be delivered in electronically transmitted PDF format via email to the address above. Bids delivered in written, oral, telegraphic, by facsimile or telephone will not be considered.
- l. Bidders shall email one copy of the Bid which must be signed. Failure to submit a Bid bearing a signature will result in rejection of the Bid.
- m. Bids must be submitted with a cover page listing the RFP title, Contractor's name, address, email, phone number, and name of primary contact to ensure the proper identification.

4. EVALUATION OF SUBMISSIONS

- a. All proposals must be in reference to the terms and conditions stated in this RFP. The awarded proposal will be selected based on the County's determination of the top-scoring and most advantageous proposal and completed reference checks.

- b. The County may choose to contact candidates to clarify and ask questions resulting from the initial evaluation. No new information may be brought forward. Candidates are advised to fully respond to the RFP at the time of submission.

5. SELECTION CRITERIA MAXIMUM POINTS 100

1	Work History - Experience with mountain bike specific natural surface trail construction projects of similar style and scope.	30
2	Project Approach - Demonstrating an understanding of constructing trails on federal lands, team depth/capabilities, experience working in high desert environments.	30
3	Performance Capability – Technical approach, budget integrity, schedule capacity.	10
4	References – Quality of completed work, communication performance, delivery of value	10
5	Overall Proposed Cost	20

6. SOLICITATION LAWS AND RULES

- a. This RFP and the resulting Contract are governed by Utah State Law and Washington County, Utah Ordinance.
- b. The RFP and resulting Contract may be subject to other laws and rules. Bidders should obtain and become acquainted with the applicable provisions of relevant laws and rules prior to submitting bids.

7. TERMS AND CONDITIONS OF THE RFP

- a. **DISCLOSURE** - Upon award of the contract, all proposals accepted by the County shall become a matter of public record and shall be regarded as public, except those elements of each proposal that are identified by the Bidder as business or trade secrets and plainly marked as “trade secret,” “confidential,” or “proprietary.” Each element of a proposal that the Bidder desires not to be considered a public record must be clearly marked. Any blanket statement (i.e. regarding entire pages, documents, or other non-specific designations) shall not be sufficient and shall not bind the County in any way whatsoever. If disclosure is required under the Utah Government Records Access Management Act (“GRAMA”) or otherwise by law (despite the Bidder’s request for confidentiality), the Bidder shall not in any way be liable or responsible for the disclosure of any such records or part thereof.
- b. **AGREEMENT FOR AWARDED BIDDER** - The Bidder will enter into an Independent Contractor Agreement (“ICA”) with the County based on the contents of the RFP and the Bidder’s proposal.
- c. **INSURANCE** - Before executing an Independent Contractor Agreement, the Bidder will be required to provide proof of the required insurance and endorsement to the County. Bidders are encouraged to contact their insurance carriers to ensure that the insurance requirements



can be met if selected. Insurance requirements may vary based on the final agreed-upon scope of the project.

- d. **RIGHT TO REJECT** - The County reserves the right to reject any and all proposals. In addition, the County will not reimburse costs associated with the preparation, pre-bid meeting, or presentation of any Bidder's proposal.
- e. **NO OBLIGATION** - All Bidders who submit a Bid in response to this ITB are deemed to understand, acknowledge, and agree that County is not obligated as a result of the submittal of a Bid to enter into a contract with any Bidder and, further, that County has absolutely no financial obligation to any Bidder arising from responding to this Bid. All Bidders who respond to this solicitation do so solely at their own expense.
- f. **FAILURE TO AGREE** - If the County and selected Bidder cannot agree on a satisfactory agreement, the County reserves the right to terminate negotiations. The County may then negotiate an agreement with another RFP applicant, or County may submit another request for proposals.

SECTION 03 - PROJECT SPECIFICATIONS

PART 1 – Trail Specifications

1. TRAIL TYPE NARRATIVES

This phase is comprised of four types of trails:

- a. **TRADITIONAL MTB OPTIMIZED (TRD)** - Description: These are natural surface trails that typically follow IMBA sustainable trail construction guidelines and techniques. Traditional trails should minimize user conflict and provide a natural surface texture within a well-maintained trail corridor. Most often these are shared-use trails so care should be taken to avoid obstacles that might exclude an allowed user type such as mandatory jumps, aggressive grade reversals, or water bar structures. Turns are optimized for mountain biking users but are not aggressively bermed. Keeping trail grades within certain ranges ensures both a positive trail experience for all users and proper drainage with minimal erosion. Bidirectional for MTB and Hike users. Directional for MTB Adaptive users.
- b. **FLOWY MTB OPTIMIZED (MBO)** - Description: Flowy Mountain Bike Optimized singletrack trails are designed and constructed to deliver dynamic trail experiences specifically for mountain bikers. Flowy Mountain Bike Optimized trails differ from traditional trails in several ways: dynamic tread shaping, single-direction descending travel, the addition of man-made technical trail features (TTFs), and progressive features like berms, rollers, and jumps. Mountain bike riders travel along a trail differently than other users. MBO trails enhance the rider's experience by supporting the bike as it sweeps through curves on in-sloped tread surfaces. This combines with features that encourage the rider to pump the bike up and down to increase speed and occasionally become weightless and airborne. The rotation of the wheel, the use of gravity and friction, the transfer of energy from the rider to the wheel – offer both opportunities and constraints for trail features that can differ from those of other trails. Bidirectional for Hike users. Directional for MTB and MTB Adaptive users.
- c. **TECHNICAL MTB OPTIMIZED (TEC)** - Description: Technical trails are popular amongst intermediate to advanced riders. This style of trail often highlights the unique terrain characteristics of the trail network setting. For example, in rocky terrain, this style of trail would incorporate rock gardens, ledges, and dynamic rocky climbs. This encourages an interpretive and engaging riding experience within the unique site features rather than just riding around them. Optional bypass trails can be built next to technical features to allow progressive confidence building, allowing less skilled riders to experience the trail as well. Bidirectional for Hike users. Directional for MTB users.
- d. **GRAVITY (GRV)** - Description: Gravity singletrack is purpose-built single direction descending trail for mountain bike users only. These natural surface trails can be built using sustainable trail construction techniques. These trails are usually steeper than MBO trails and have features that require more developed skills such as jumps, drops, rocks, and technical sections are a key feature of these gravity-powered trails. This type of trail may be wider (up to 120 inches) in Gravity segments that have larger jumps, multiline choices, or rock gardens; but can be narrower (as little as 6 inches) in other segments that emphasize



technical challenge. Bikes designed for this type of trail are engineered to absorb as much of the harsh impacts from tread rugosity and jump landings as possible. Directional for MTB users.

2. UNITED STATES FOREST SERVICE TRAIL DESIGN PARAMETERS

Trail Design Parameters						
Bicycle (FSH 2309.18, Section 23.13, Exhibit 01)						
Design parameters are technical guidelines for the survey, design, construction, maintenance, and assessment of National Forest System trails, based on their designed use and trail class and consistent with their management intent.1 Local deviations from any design parameter may be established based on trail-specific conditions, topography, or other factors, provided that the deviations are consistent with the general intent of the applicable trail class.						
Designed Use: BICYCLE		Trail Class 1	Trail Class 2	Trail Class 3	Trail Class 4	Trail Class 5
Design Tread Width	Single Lane	6" – 12"	12" – 24"	18" – 36"	24" – 48"	36" – 60"
	Double Lane	36" – 48"	36" – 48"	36" – 48"	48" – 84"	72" – 120"
	Structures (Minimum Width)	18"	18"	36"	48"	60"
Design Surface	Type	Native, ungraded. May be continuously rough. Sections of soft or unstable tread on grades < 5% may be common and continuous.	Native, with limited grading. May be continuously rough. Sections of soft or unstable tread on grades < 5% may be common.	Native, with some onsite borrow or imported material where needed for stabilization and occasional grading. Intermittently rough. Sections of soft or unstable tread on grades < 5% may be present, but not common.	Native, with improved sections of borrow or imported materials and routine grading. Stable, with minor roughness.	Likely imported material and routine grading. Uniform, firm, and stable.
	Protrusions	≤ 24" Likely common and continuous	≤ 6" May be common and continuous	≤ 3" May be common, but not continuous	≤ 3" Uncommon and not continuous	No protrusions
	Obstacles (Maximum Height)	24"	12"	10"	8"	No obstacles
Design Grade	Target Grade	5% – 20%	5% – 12%	3% – 10%	2% – 8%	2% – 5%

	Short Pitch Maximum	30% 50% on downhill segments only	25% 35% on downhill segments only	15%	10%	8%
	Maximum Pitch Density	20% – 30% of trail	10% – 30% of trail	10% – 20% of trail	5% – 10% of trail	0% – 5% of trail
Design Cross Slope	Target Cross Slope	5% – 10%	5% – 8%	3% – 8%	3% – 5%	2% – 3%
	Maximum Cross Slope	10%	10%	8%	5%	5%
Design Clearing	Height	6'	6' – 8'	8'	8' – 9'	8' – 9'
	Width	24" – 36" Some vegetation may encroach into clearing area	36" – 48" Some light vegetation may encroach into clearing area	60" – 72"	72" – 96"	72" – 96"
	Shoulder Clearance	0" – 12"	6" – 12"	6" – 12"	6" – 18"	12" – 18"
Design Turn	Radius	2' – 3'	3' – 6'	4' – 8'	8' – 10'	8' – 12'

3. FIRE AND FUELS

- Lop and scatter any cut or rearranged vegetation in such a way as to not create piles or connective jackpots of fuels.
- Stumps should be flush cut and no taller than 6 inches on the uphill side. Limbs should be removed from the bole of the tree, so it is in contact with the ground.
- Scattered limbs should not be taller than 2 feet in height from the ground.

4. RECREATION CHARACTERISTICS

- Structures including bridges, puncheons, boardwalks, and walls >3 feet in height require specific approval from PROJECT MANAGER. See USFS engineering design criteria.
- Trail should meet design criteria as described in the Forest Service Handbook 2309.18 for each type of trail, as identified in the trail index (for example, class III trail, etc.). Particular attention should be paid to "USFS Designed Use".
- Unless specifically approved by Project Manager, Parameters must match Forest Service Handbook standards.




- d. All tread should be full-bench construction.
- e. Trail grade will not exceed 1/2 the side slope grade (avoid fall-line construction) unless armored with rock or built on bedrock slabs.
- f. Any structures will be of rock construction, and rock retaining walls will be used where dirt is not stable.
- g. All trail elements will follow Forest Service design standards and any other standards provided by Project Manager.
- h. Grade reversals and dips should be organically placed to utilize natural terrain and shed water at irregularly spaced 30ft to 50ft intervals.
- i. Large roots will not be exposed in trail. Tree limbs will be cut cleanly (not broken with machinery) without ripping or peeling of bark. Removed trees or root balls will not be left along corridor. Review with Project Manager prior to removal of entire trees.
- j. Corridor clearing will be wider to increase sight distances and enhance safety where trails turn sharply or where they cross other trails, roads, or structures.
- k. Signs will meet USFS standards and be approved by Project Manager.
- l. Where construction crosses or appears to come within 50 feet of jurisdictional or ownership boundaries, survey/confirmation of boundary lines will need to be completed prior to construction. Washington County will perform survey work. Contractor is to make a request for any required survey work with at least two weeks' notice.
- m. Trails should contour terrain rather than cutting straight across it, and structures should blend in with the shapes and colors of the landscape. It is expected that visual impact caused during trail construction will subside after 2-3 years.

5. CONSTRUCTION

- a. Contractor shall have Project Manager review 1st ¼ mile of each trail before further tread is constructed.
- b. All tread must be completed and "finished" as it is cut. No more than 1000ft of rough-cut tread can be open per construction team at any given time. Contractor will not invoice for any incomplete or unfinished tread. Invoices which include fees for incomplete or unfinished tread will be rejected and the Contractor will be required to reissue the invoice. This may lead to delays in payment to the contractor, any costs associated with delays will be exclusively at the expense of the Contractor.
- c. Project progress will be reported weekly to the Project Manager. Progress will include daily production reporting with narratives and images. KMZ files with segments and waypoints for each daily production of finished tread.
- d. Contractor must allow Project Manager a minimum of seven (7) days to assess proposed alterations to the already flagged/approved alignment. This may lead to delays, any costs associated with delays will be exclusively at the expense of the Contractor.

6. TRAIL DIFFICULTY

- a. The United States Forest Service does not provide trail difficulty standards in technical specifications. Within the trail construction and management community it is generally recommended to use the International Mountain Bicycling Association's "IMBA Trail Difficulty Guidelines". Contractors will be required to adhere to these guidelines, unless otherwise directed by the County and when documented in writing. See the difficulty rating chart below for reference:

IMBA Trail Difficulty Rating System				
				
	EASY GREEN CIRCLE	MORE DIFFICULT BLUE SQUARE	VERY DIFFICULT BLACK DIAMOND	EXTREMELY DIFFICULT DBL. BLACK DIAMOND
TRAIL WIDTH	36" (900 mm) or more	24" (600 mm) or more	12" (300 mm) or more	6" (150 mm) or more
TREAD SURFACE	Firm and stable	Mostly stable with some variability	Widely variable	Widely variable and unpredictable
AVERAGE TRAIL GRADE	Typically 5% or less	Typically 8% or less	Typically 12% or less	Typically 15% or less
MAXIMUM TRAIL GRADE	Max 15%	Max 15% or greater	Max 15% or greater	Max 15% or greater
NATURAL OBSTACLES AND TECHNICAL TRAIL FEATURES (TTF)	Unavoidable obstacles 2" (50 mm) tall or less Avoidable obstacles may be present Unavoidable bridges 36" (900 mm) or wider	Unavoidable obstacles 8" (200 mm) tall or less Avoidable obstacles may be present Unavoidable bridges 24" (600 mm) or wider TTF's 24" (600 mm) high or less, width of deck is greater than 1/2 the height	Unavoidable obstacles 15" (380 mm) tall or less Avoidable obstacles may be present May include loose rocks Unavoidable bridges 24" (600 mm) or wider TTF's 48" (1,200 mm) high or less, width of deck is less than 1/2 the height Short sections may exceed criteria	Unavoidable obstacles 15" (380 mm) tall or less Avoidable obstacles may be present May include loose rocks Unavoidable bridges 24" (600 mm) or narrower TTF's 48" (1,200 mm) high or greater, width of deck is unpredictable Many sections may exceed criteria

PART 2 – General Requirements

1. **Project Objectives** - The Contractor shall discuss project objectives and specifications with County's Project Manager or his/her designee on site prior to initiation of construction.
2. **On-Site Supervisor** - The Contractor shall provide an on-site working supervisor to be physically present whenever contract work is being performed. The supervisor shall speak fluent English to be able to communicate clearly with County personnel. This individual shall be responsible for the overall management and coordination of this contract and shall act as central point of contact with the County's Project Manager.
3. **Site Hazards** - The Contractor shall be responsible for inspection of project sites for the presence and location of obstacles, debris, or hazardous terrain features that may be encountered in the Contractor's performance of the services. Any adverse consequences resulting from the Contractor's or subcontractor's encounter with such obstacles, debris, or hazardous terrain (such as broken equipment, property damage, personal injuries, time delays, etc.) are the sole responsibility of the Contractor.
4. **Hazard Reporting** - The Contractor shall report all known hazards or debris encountered during the course of work to the County's Project Manager or his/her appointed designee.
5. **Material Supply** - The Contractor shall furnish all labor, equipment, fuels, personnel, and materials necessary for the completion of the work unless explicitly stated elsewhere in the contract.
6. **Removal of Material** - Contractor shall be responsible for removing all materials, supplies, litter, debris, tools, flags, marking tape, and equipment from the park at the end of the project. Contractor shall restore all areas disturbed by construction that are not part of the trail back to their original condition, including regrading disturbed areas, and planting with native seed for the project to be considered complete and to receive final payment.
7. **Sanitation** - The Contractor shall provide, maintain, and utilize sanitation facilities (e.g., port-a-potty) for the work force at the site.
8. **Staging** - The Contractor shall park and stage all support equipment necessary for performance of services in locations approved by the County's Project Manager or his/her designee.
9. **Site Safety** - The Contractor shall follow all State, Federal, and local ordinances covering safe work practices, work zone safety, and traffic control.
10. **Invasive Weeds** - The Contractor will limit the spread of invasive weed populations to and from the worksite.
11. **Resource Damage Prevention** - The Contractor will follow all guidelines and best practices identified in the "Spring Hollow and Grass Valley Mountain Biking Project" Environmental Assessment document and by the County's Project Manager to prevent damage to all resources above and below ground, including:
 - a. Cultural
 - b. Wildlife
 - c. Hydrological
 - d. Soils
 - e. Vegetation
 - f. Transportation
 - g. Utilities

12. County's Project Manager or designee may issue an immediate shutdown of the operation if excessive damage to the site or the above resources is observed. The Contractor is responsible to call for utility locates in locations where the project may impact such infrastructure. All repair work resulting from damage shall be provided at the Contractor's expense.
13. Communication - The Contractor shall provide an on-site working supervisor to be physically present whenever contract work is being performed. The supervisor shall speak fluent English in order to be able to communicate clearly with County personnel. This individual shall be responsible for the overall management and coordination of this contract and shall act as central point of contact with the County's Project Manager.
14. Trail Layout and Marking - The trail alignment is marked, in the field, at 20-to-50- foot intervals with flagging tied to vegetation or with pin flags staked into the ground. Intersections are flagged with triple flags and turns are flagged with double flags. Flagging colors may vary onsite, the Contractor will verify all trail alignments with the County's Project Manager prior to beginning excavation. The Contractor may adjust the alignment with approval from the County's Project Manager.
15. Staging Area/Storage - The staging area for materials and equipment associated with the project shall be determined by the County's Project Manager prior to the beginning of construction. Staging at other locations is prohibited without prior approval by the County's Project Manager.
16. Stockpiles and Equipment Storage - Stockpiling of materials/supplies and storage of equipment shall only occur at the designated staging areas, unless approved by County's Project Manager. Contractor shall be responsible for covering stockpiles and securing equipment, tools, materials, and supplies. Contractor shall place non-porous material under all equipment that contains petroleum products to retain and absorb any leaked fluids or other contaminants.
17. Vehicle and Equipment Inspection - All equipment and motorized vehicles to be used on-site by the Contractor shall be inspected and approved to enter the site by County's Project Manager or his/her designee prior to mobilization. All equipment and motorized vehicles to be used on-site by the Contractor shall be washed and free of weed seeds, loose dirt, and plant parts prior to being brought on site. Contractor shall wash, or blow clean, using an air compressor, all vehicles (including tires and undercarriage) prior to entering the job site. County's Project Manager or his/her designee reserves the right to refuse Contractor vehicles from entering the site due to non-compliance with any of the clean vehicle or equipment requirements. All construction equipment shall be a type that has the least impact to the site, such as tracked Bobcat, tracked excavators, tracked power carriers, etc., with a width not to exceed 60 inches unless approved by County's Project Manager or his/her designee.
18. Damage to Roads - During wet weather conditions, contractor shall avoid use of the unimproved roads by any vehicles or equipment that would damage these roads.
19. Adverse field conditions - County reserves the right to postpone some or all of the Contractor's activities should adverse field conditions develop. For example, Contractor's work could be delayed or restricted due to fire season restrictions to use motorized equipment, or to significant weather events, during which operating, in the opinion of the County, may cause damage to the site (e.g., soil compaction, rutting, etc.), or to any other resource related concern.

PROJECT MANUAL



20. Conflict Prevention - The Contractor shall exercise due caution and care during project to prevent undue conflict with and to ensure safety of public users of roads, parking area, trails, and project sites.
21. Warning Signage - The Contractor shall post work areas with warning signage related to work hazards.

SECTION 04 – SUBMITTAL REQUIREMENTS

Bidder shall complete and submit all documents required by the RFP. The RFP, including all documents, supporting materials, and any Addenda, will be available for online viewing at www.washco.utah.gov. County reserves the right to discard documents submitted by a Bidder that are not required by the RFP and do not contain Bidder supplied information. Bids that do not contain the information requested may be rejected as non-responsive.

REQUIRED BID SUBMITTAL MATERIALS

1. Documentation of Qualifications
2. Overall Proposed Cost – On The Supplied Bid Form
3. Bid Bond Form
4. First Tier Subcontractor Form

PART 1 – Qualifications

The Contract will only be awarded to a Bidder who has the required related project experience and has submitted the required qualification documentation to County, with their bid documents. The following are the minimum qualifications required of all Bidders for this project:

1. Bidder shall have a minimum of four (4) years of experience with mountain bike specific natural surface trail construction, and at least five (5) such projects successfully completed. Paved projects, including but not limited to road construction, sidewalks, or multi-use path construction, will not count toward the experience requirements.
2. Bidder shall have a minimum of two (2) trail projects of equal or longer length than this project successfully completed.
3. Bidder shall have successfully completed a minimum of five (5) trail projects with similar components (including complexity) as required for this project. Required components include construction of rolling grade dips, culverts, elevated turns, bermed turns, rock armored tread, and rock retaining walls.
4. Bidder shall have demonstrated experience constructing shared-use natural surface singletrack trails and mountain bike optimized natural surface singletrack trails on Federal lands in a high desert environment.
5. Bidder shall have demonstrated experience constructing trails in difficult, rocky terrain requiring rock armored tread and rock retaining walls.
6. Bidder shall have demonstrated experience constructing trails with both mechanized equipment and hand construction methods.
7. Equipment – The Contractor must demonstrate experience with the following tools and/or equipment:
 - a. Mini-trail dozers (e.g. SWECO/Sutter)
 - b. Mini excavators
 - c. Mini skidsteers
 - d. Mini crawler carriers
 - e. Compactors

- f. Chainsaw felling, bucking and limbing

PART 2 - Documentation of Qualifications

Each responsive Bidder shall provide a letter, on company letterhead and signed by an authorized company representative, stating that the firm meets the minimum qualifications stated above and certifying the accuracy and validity of the supporting documentation. The documentation shall demonstrate that, to the County's satisfaction, the Bidder meets the minimum qualifications and shall include, at a minimum:

1. For each of the projects identified for the required "Qualifications" experience types above, provide:
 - a. Project name
 - b. Project location
 - c. Client contact information
 - d. Cost to client
 - e. Scope of work
 - f. Trail types constructed
 - g. Component/Element types installed (i.e., rolling grade dips, culverts, elevated turns, bermed turns, rock armored tread, and rock retaining walls)
 - h. A brief description of the general goals, timelines, site conditions, and challenging issues
2. Photographs or other visual documentation of a minimum three (3) projects undertaken during the required experience period, including views showing constructed components/elements similar in scope and complexity to the proposed work of this project.
3. List of the Bidder's professional affiliations, such as the Professional Trailbuilders Association (PTBA).

Bids submitted without the accompanying qualification documentation, those that fail to meet the minimum qualifications, or those that are accompanied by incomplete or unverifiable documentation, may be rejected as non-responsive. Contact information for all references must be current, the County may reject bids with invalid contact information.

Any proposed sub-contractor proposed for a portion of the work shall meet the above qualification criteria for the portion of the work they are proposed for. The Bidder shall submit similar sub-contractor qualification documentation for the portion of the work they are proposed for with the other bid documents prior to the Bid Closing.

PART 3 – Overall Proposed Cost

Bidder will use the "BID FORM" attached to this RFP.

1. PRICING BID SUBMITTAL INSTRUCTIONS:
 - a. Bidders shall enter pricing and other required information for all Bid Items listed in the Bid Form. Failure to bid on a Bid Item will result in disqualification of the Bidder.



- b. If the Bid Form is replaced by an Addendum, then Bidders shall use that replacement form to provide pricing and other required information.
- c. If the Bid Form is only modified by an Addendum, then Bidders shall follow the instructions in the Addendum for making modifications to the Bid Form.
- d. Failure to supply the required information in the Bid Form or subsequent Addendum may result in rejection of the Bid as non-responsive.
- e. In the event of a discrepancy between extended prices and unit prices, unit prices will prevail.

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BID FORM

Project: Spring Hollow Phase 2 Trail Construction
Bids Due: January 11, 2024 3:00 PM MST
To: Washington County Utah
Leslie Fonger
Destination Development Manager
Greater Zion Convention & Tourism Office
111 E Tabernacle St.
St. George, UT 84770

Bidder Name:	
Response Date:	
Representative Name:	
Bidder Address:	
Bidder Telephone:	
Bidder E-Mail:	

From:

1. BIDDER'S BIDS - The undersigned Bidder, having full knowledge of the quality of the material and labor to be performed, hereby proposes to perform all labor and furnish all materials necessary to complete the project. The undersigned Bidder will contract with Washington County Utah ("County" or "Owner") to do everything required for fulfillment of the Contract for construction at the prices as stated herein:

BID ITEM #	Bidder's Proposed Construction Methodology	COST (\$)
#120		
#121		

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#130		
#131		
#150		
#220		
#250		
#251		
#252		
#262		
#263		
#264		
#281		
#500	Mobilization & Demobilization	
TOTAL BID AMOUNT (\$)		

SINGLE OR MULTIPLE CONTRACTS - Washington County Utah (County) reserves the right to award a single or multiple contracts, whichever is in the best interest of County.

ACCEPTANCE OF DOCUMENTS - Bidder accepts all the terms and conditions in and agrees to be bound by the Invitation to Bid, Instructions to Bidders and documents attached thereto, including without limitation those dealing with the disposition of Bid security.

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ADDENDA - Bidder has examined and carefully studied the Bid Documents, the other related data identified in the Bid Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum #	Addendum Date

(Bidder shall insert number of each Addendum received.)

BID SECURITY - Accompanying this Bid Form is Bid Security, which is not less than ten (10) percent of the total of the Bid amounts. Bidder agrees that the Bid Security accompanying the Bid(s) will be deposited in escrow by the County and that the amount thereof is the measure of liquidated damages which County will sustain by the failure of the Bidder to execute and deliver a signed Contract, Performance Bond, and Payment Bond within the required time. In the event the Bidder fails to execute and deliver the Contract, Performance Bond, or Payment Bond within the required time, the Bid Security may, in County's sole discretion, become the property of County. However, if County fails to accept the Bid within sixty (60) day of the time set for the opening of the Bids, or if the Bidder executes and timely delivers the Contract, Performance Bond and Payment Bond within the required time, the Bid Security shall be returned.

BIDDER'S REPRESENTATIONS -

In submitting this Bid, Bidder represents that:

1. The undersigned Bidder declares that the only persons or parties interested in the Bid are those named herein, that this Bid is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Bid is made without any connection or collusion with any person submitting another Bid on the Contract.
2. The Bidder further declares that it has carefully examined the Contract Documents and that this Bid is made according to the provisions and under the terms of the Contract Documents, which documents are hereby made a part of this Bid.
3. At the time Bidder submits its Bid, Bidder and any subcontractor Bidder intends to use for the project, shall hold a valid, current professional license and/or certification as required by law for Bidder's and/or subcontractor's profession. **FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL RESULT IN PROPOSAL REJECTION.**
4. Bidder has visited the site and become familiar with and is satisfied as to the general, local, and site conditions that may affect cost, progress, and performance of the Work.
5. Bidder is familiar with and is satisfied as to all federal, state and local laws and regulations that may affect cost, progress, and performance of the Work.
6. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) Bid and within the times and in accordance with the other terms and conditions of the Bid Documents.

7. Bidder has given the County written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bid Documents, and the written resolution thereof by the County is acceptable to Bidder.
8. The Bid Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
9. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
 - a. Bidder has not solicited or induced any individual or entity to refrain from bidding;
 - b. Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner;
10. All required sales and use taxes are included in the stated Bid prices for the Work.

CONTRACT TIMES - The Bidder agrees that the Work, and any stages and/or milestones specified will be substantially complete and will be completed and ready for final payment in accordance with the General Conditions on or before the dates or within the number of calendar days indicated in the Contract.

CONTRACT EXECUTION AND BONDS - The Bidder agrees that if this Bid is accepted, it will, within 30 calendar days after Notice of Award is provided to Bidder, contract with County in the form of a contract prepared by County, and will at that time deliver to the Owner the required performance and payment bonds and certificates of insurance, and will, to the extent of this Bid, furnish all labor, machinery, tools, apparatus, and other means to do the Work and furnish all the materials necessary to complete the Work as specified in the Contract Documents. The surety requested to issue the Performance Bond and Payment Bond will be _____. The Bidder hereby authorizes said surety company to disclose any information to the County concerning the Bidder's ability to supply a Performance Bond and Payment Bond each in the amount of the Contract.

SUBCONTRACTORS - Bidder agrees to submit as part of its Bid, the names of subcontractors as required in the Instructions to Bidders and by State law, whom Bidder, if awarded contract, will name for performance of the categories of Work.

BIDDER - If the Bid is accepted, Bidder hereby agrees to contract with the Owner in the form of a Contract prepared by the Owner's Attorney to furnish the performance and payment bonds and the required evidence of the insurance within 30 calendar days after receiving written notice of the final award of the Contract.

BIDDER CERTIFICATIONS -

The undersigned Bidder hereby certifies that:

1. Throughout the period of the Contract, Bidder shall be licensed by the State of Utah to do the type of work required under the terms of the Contract Documents;

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2. Bidder is skilled, experienced and regularly engaged in the general class and type of Work called for in the Contract Documents. Specifically, Bidder has experience in the construction of sustainable mountain bike optimized trail in similar terrain and soil conditions. Bidder has the manpower, resources, and appropriate equipment to satisfactorily perform such Work;
3. In compliance with the Worker's Compensation Law of the State of Utah, its Worker's Compensation Insurance provider is _____, Policy No. _____, and that if successful, Bidder shall submit Certificates of Insurance as required;
4. Bidder has not discriminated against minority, women, emerging small business enterprises, or a business enterprise that is owned, controlled by, or that employs a disabled veteran in obtaining any required subcontractors, and that the Bidder is not in violation of any Discrimination Laws;
5. Bidder is registered with the Utah Division of Professional Licensing at the time of the Bid. Bidder's Contractor License Registration Number is: _____. Failure to register and disclose the number will make the Bid unresponsive and it will be rejected, unless contrary to federal law.
6. All subcontractors who perform construction work were registered with the Utah Division of Professional Licensing at the time the subcontractor(s) made a Bid to work under the Contract.

PARTNERSHIP OR JOINT VENTURE - If Bidder is, or intends to form, a partnership or joint venture to complete the Work of this Contractor, list the names of the partners (if co-partnership) or names of joint venturers (if a joint venture) and identify the name of the contact person for purposes of Work on this Contract.

IN WITNESS hereto the undersigned has set its hand this ____ day of _____, 20____.

Company Name: _____

Address: _____

Federal Tax ID: _____

Telephone Number: _____

Email Address: _____

If Sole Proprietor, Partnership, or Joint Venture

Signature: _____

Name (typed): _____

Title: _____

Date: _____

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If Corporation

Name of Corporation: _____

By: _____

Title: _____

Date: _____

Attest: _____, Secretary

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BID BOND

KNOW ALL MEN AND WOMEN BY THESE PRESENTS, that

_____, a corporation duly organized under the laws of _____
the State of _____ having its principal place of business at _____
in the State of _____ and authorized to do business in the State of Utah (Surety) are held and
firmly bound unto Washington County Utah, (Owner) in the penal sum of _____
DOLLARS (\$ _____),
lawful money of

the United States of America, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT:

WHEREAS the Contractor is herewith submitting its Bid Form for construction of Spring Hollow Trail Construction Phase 2, said Bid Form, by reference thereto, being hereby made a part hereof.

NOW, THEREFORE, if the Bid Form submitted by the Contractor is accepted and the Contract awarded to the Contractor, and if the Contractor executes the proposed Contract and furnishes such Performance and Payment Bonds and evidence of insurance as required by the Contract Documents within the time fixed by the documents, then this obligation becomes void; if, in the event the Contractor seeks to revoke its offer for any reason not authorized by law and not consented to by the Owner and if awarded the Contract and the Contractor fails, neglects, or refuses to enter into a contract to perform said Work and furnish said labor, equipment and/or material, and to furnish Performance and Payment Bonds and evidence of insurance as required within the time specified, then the amount herein stated will be declared to be forfeited and become due and payable to the Owner as liquidated damages.

SIGNED, SEALED, AND DATED this _____ day of _____, 20_____.

Contractor Name

Address

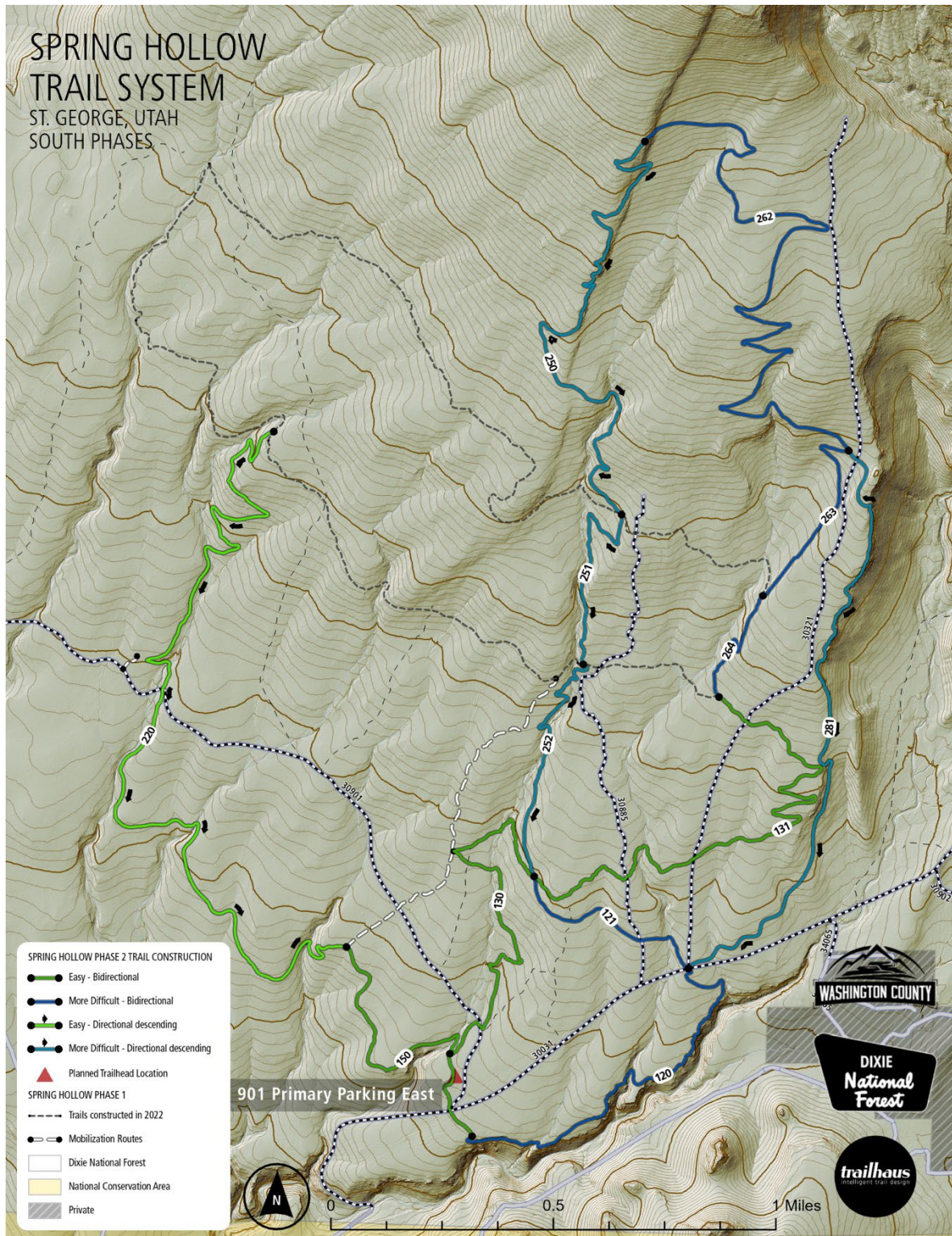
Phone Number

E-mail Address

By: _____
Signature/Title

SECTION 05 – ATTACHMENTS

ATTACHMENT 1 – SPRING HOLLOW TRAIL CONSTRUCTION: PHASE 2 MAP



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ATTACHMENT 2 – SPRING HOLLOW TRAIL CONSTRUCTION: PHASE 2 TRAIL INDEX

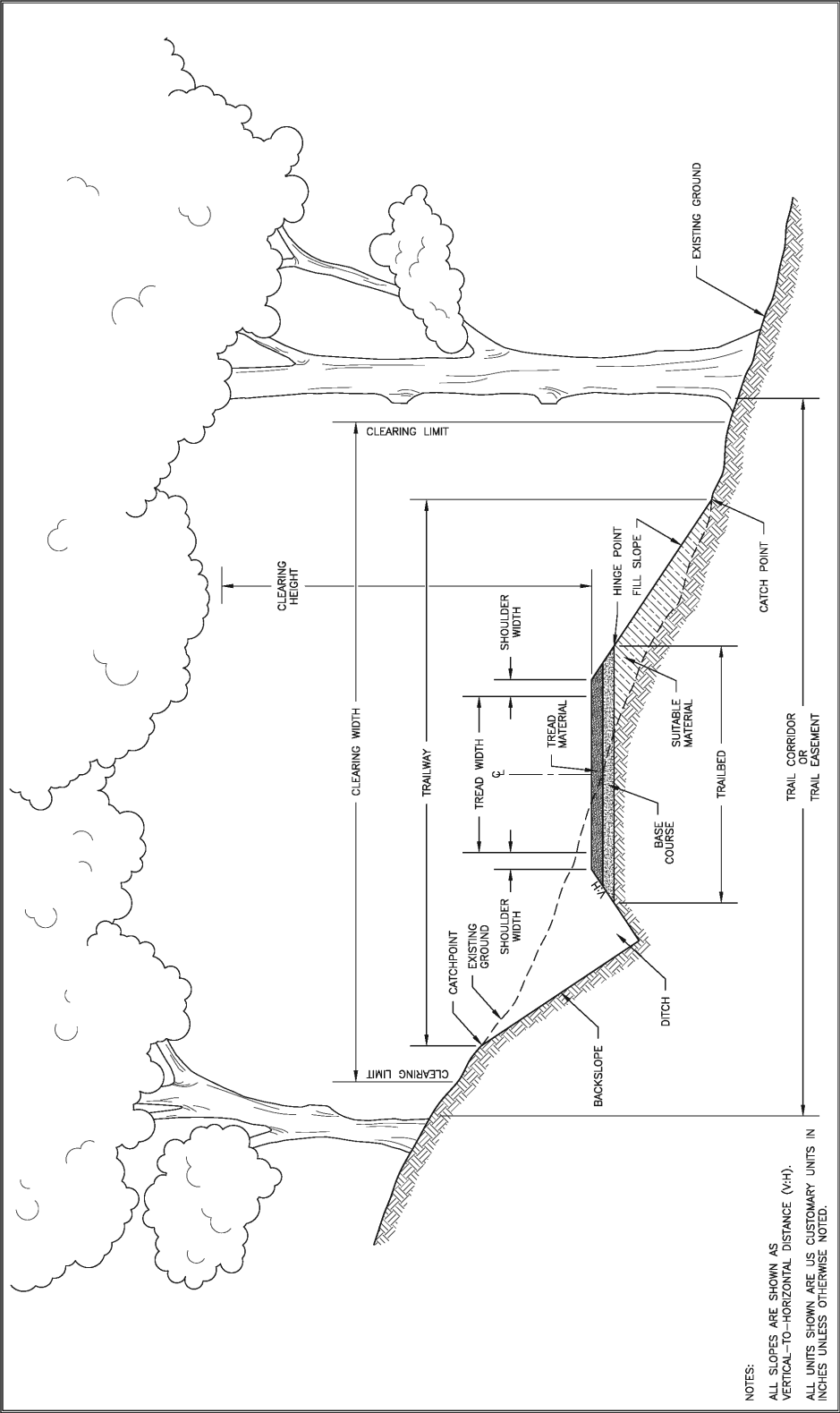
TRAIL SPECIFICATIONS															
BID Item #	Name	Phase	Route Type	Trail Style	IMBA Skill Level	User	Direction	USFS Trail Type	USFS Trail Class	USFS Managed Use	USFS Designed Use	Anticipated Construction Method	Minimum Constructed Tread Width	Max Constructed Tread Width	Length
120	T	2	Singletrack	Traditional MTB Optimized	Blue Square	Hike, Bike	Bidirectional	Standard/Terra Trail	Class 3	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Hand Crew with moderate rock work	18"	36"	5,266
121	Q	2	Singletrack	Traditional MTB Optimized	Blue Square	Hike, Bike	Bidirectional	Standard/Terra Trail	Class 3	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Hand Crew with light touch	18"	36"	2,584
130	U	2	Singletrack	Traditional MTB Optimized	Green Circle	Hike, Bike, MTB Adaptive	Bidirectional	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Machine crew with minimal rock work	40"	60"	5,407
131	U	2	Singletrack	Traditional MTB Optimized	Green Circle	Hike, Bike, MTB Adaptive	Bidirectional	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Machine crew with minimal rock work	40"	60"	7,813
150	Z	2	Singletrack	Traditional MTB Optimized	Green Circle	Hike, Bike, MTB Adaptive	Bidirectional	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Machine crew with minimal rock work	40"	60"	4,287
220	X	2	Singletrack	Flowy MTB Optimized	Green Circle	Hike, Bike, MTB Adaptive	Single Direction - Descending	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Bicycle	Machine crew with minimal rock work	40"	60"	12,816
250	Q	2	Singletrack	Technical MTB Optimized	Blue Square	Hike, Bike	Single Direction - Descending	Standard/Terra Trail	Class 2	Hiker/Pedestrian/Bicycle	Bicycle	Hand crew with extensive rock work	18"	24"	7,927
251	Q	2	Singletrack	Flowy MTB Optimized	Blue Square	Hike, Bike	Single Direction - Descending	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Bicycle	Machine crew with minimal rock work	36"	48"	2,736
252	Q	2	Singletrack	Flowy MTB Optimized	Blue Square	Hike, Bike, MTB Adaptive	Single Direction - Descending	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Bicycle	Machine crew with minimal rock work	40"	60"	3,344
262	U	2	Singletrack	Traditional MTB Optimized	Blue Square	Hike, Bike, MTB Adaptive	Bidirectional	Standard/Terra Trail	Class 3	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Machine crew with minimal rock work	36"	40"	10,714
263	U	2	Singletrack	Traditional MTB Optimized	Blue Square	Hike, Bike, MTB Adaptive	Bidirectional	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Machine crew with minimal rock work	36"	40"	2,547
264	U	2	Singletrack	Traditional MTB Optimized	Blue Square	Hike, Bike, MTB Adaptive	Bidirectional	Standard/Terra Trail	Class 4	Hiker/Pedestrian/Bicycle	Hiker/Pedestrian/Bicycle	Machine crew with minimal rock work	36"	40"	1,687
281	T	2	Singletrack	Gravity	Blue Square	Hike, Bike	Single Direction - Descending	Standard/Terra Trail	Class 3	Hiker/Pedestrian/Bicycle	Bicycle	Hybrid crew with rock work/dirt features	18"	36"	7,802

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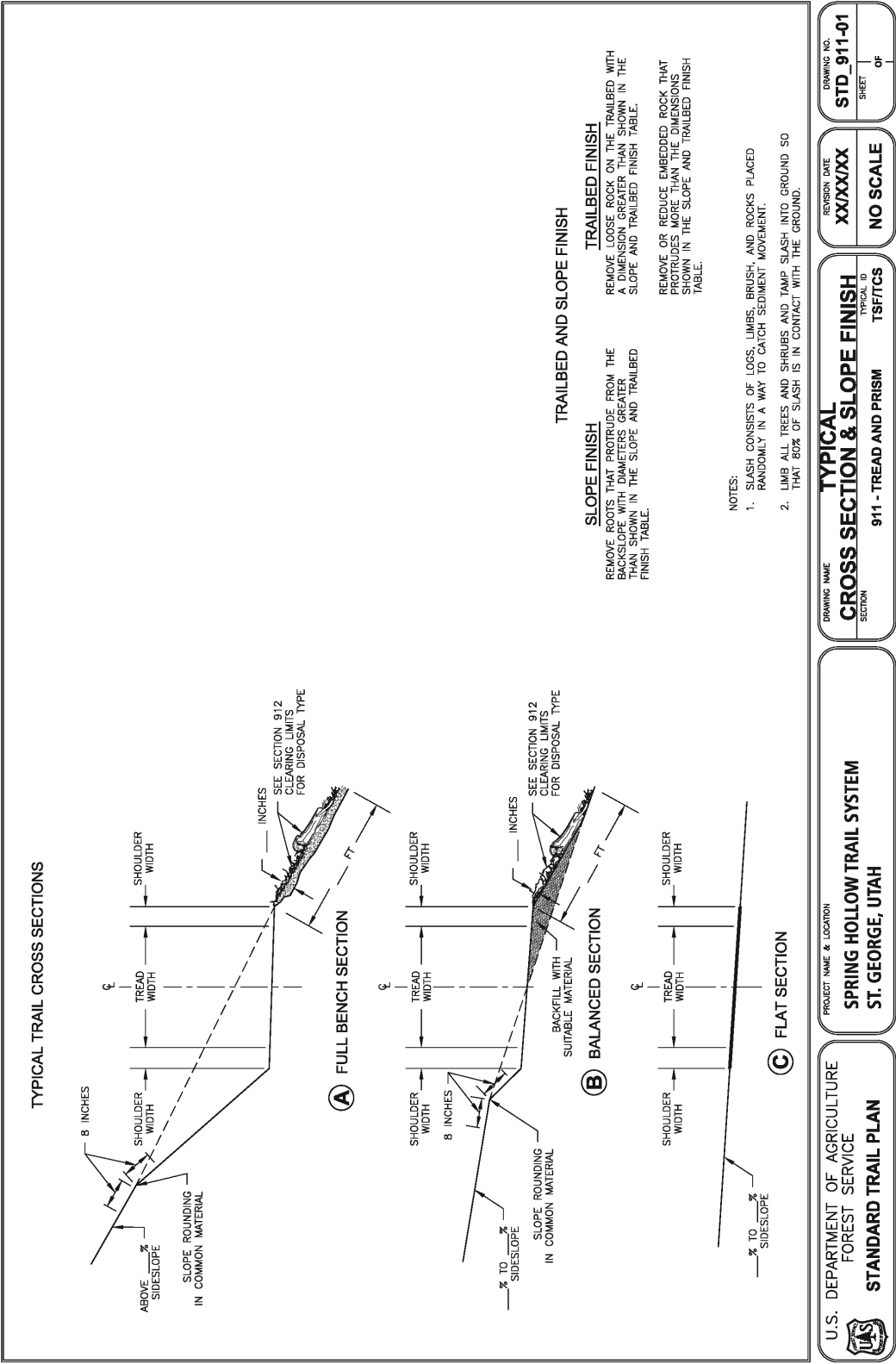
ATTACHMENT 3 – SPRING HOLLOW TRAIL CONSTRUCTION USFS TRAIL FEATURE TYPICAL DRAWINGS

(See pages 28-35)



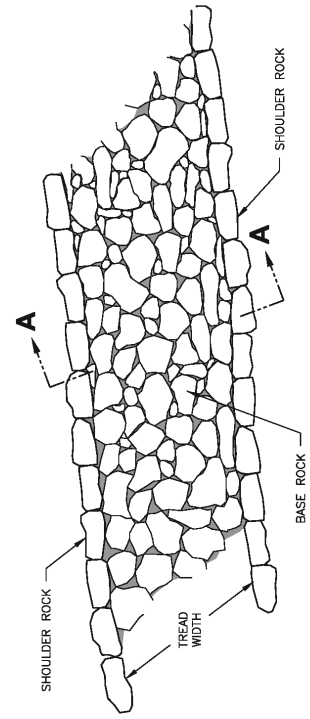
NOTES:
ALL SLOPES ARE SHOWN AS
VERTICAL-TO-HORIZONTAL DISTANCE (V:H).
ALL UNITS SHOWN ARE US CUSTOMARY UNITS IN
INCHES UNLESS OTHERWISE NOTED.

DRAWING NO. STD 910-01	REVISION DATE XX/XX/XX	DRAWING NAME STANDARD TRAIL TERMS	TYPICAL ID STT
NOT TO SCALE		SECTION 910 - TRAILWAY	PROJECT NAME & LOCATION SPRING HOLLOW TRAIL SYSTEM ST. GEORGE, UTAH
U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE STANDARD TRAIL PLAN			





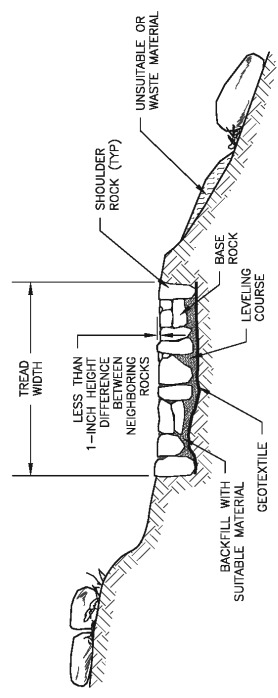
RIPRAP SURFACING



PLAN VIEW

NOTES:

1. REMOVE AND DISPOSE OF DUFF AND TOP ORGANIC LAYERS DOWN TO MINERAL SOIL.
2. PROVIDE ORGANIC-FREE BACKFILL MATERIAL WHERE SHOWN ON DRAWINGS FOR LEVELING AND SUPPORT OF BASE ROCK.
3. LAY ROCK WITH A MINIMUM OF 3 POINTS OF CONTACT WITH ADJACENT ROCKS.
4. LAY ROCKS IN A RANDOM ARRANGEMENT.
5. FILL VOIDS WITH BROKEN ROCK OR SUITABLE BACKFILL.

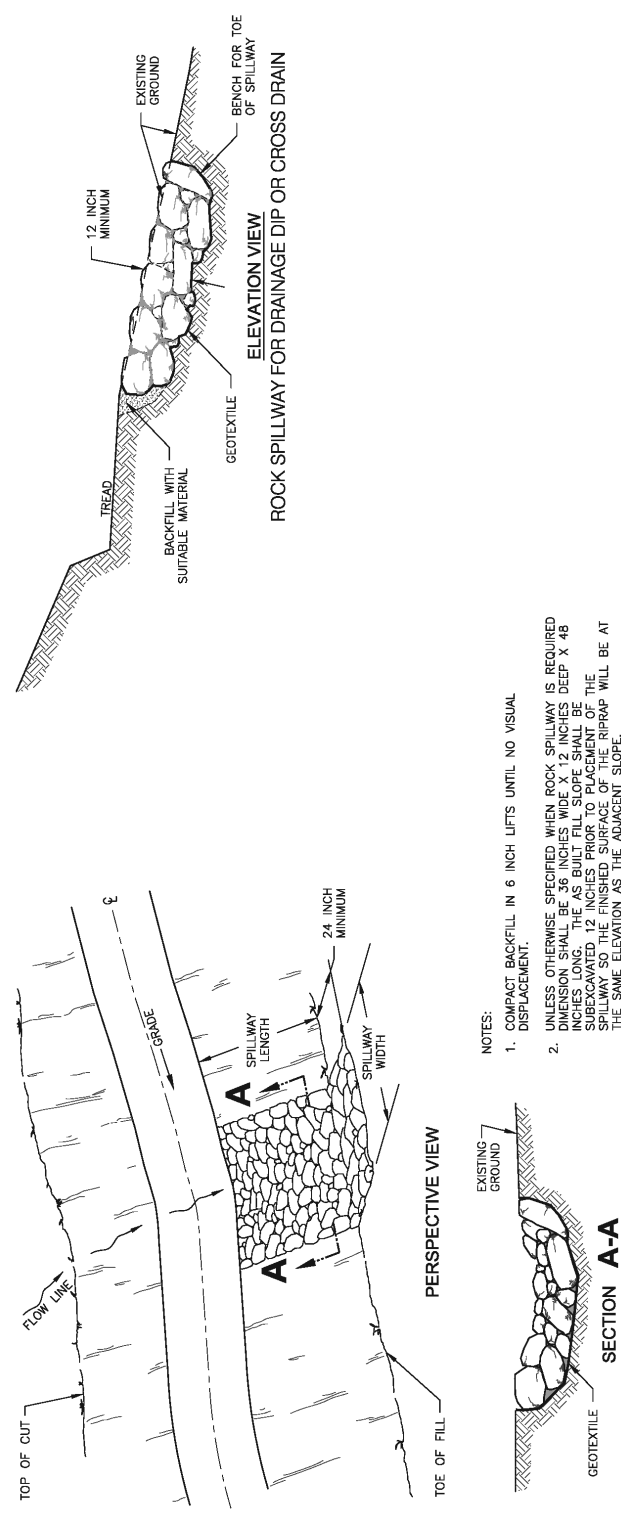


SECTION A-A

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE 	PROJECT NAME & LOCATION SPRING HOLLOW TRAIL SYSTEM ST. GEORGE, UTAH	DRAWING NAME RIPRAP SURFACING	REVISION DATE XX/XX/XX	DRAWING NO. STD 913-50-01
			SECTION 913 - SURFACING	SHEET OF
		TYPICAL ID RRS		NO SCALE



ROCK SPILLWAY



- NOTES:
1. COMPACT BACKFILL IN 6 INCH LIFTS UNTIL NO VISUAL DISPLACEMENT.
 2. UNLESS OTHERWISE SPECIFIED WHEN ROCK SPILLWAY IS REQUIRED DIMENSION SHALL BE 36 INCHES WIDE X 12 INCHES DEEP X 48 INCHES LONG. THE FINISHED SURFACE SHALL BE SUBGRADED 12 INCHES PRIOR TO PLACEMENT OF SPILLWAY SO THE FINISHED SURFACE OF THE RIPRAP WILL BE AT THE SAME ELEVATION AS THE ADJACENT SLOPE.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
STANDARD TRAIL PLAN

PROJECT NAME & LOCATION
SPRING HOLLOW TRAIL SYSTEM
ST. GEORGE, UTAH

DRAWING NAME
ROCK SPILLWAY

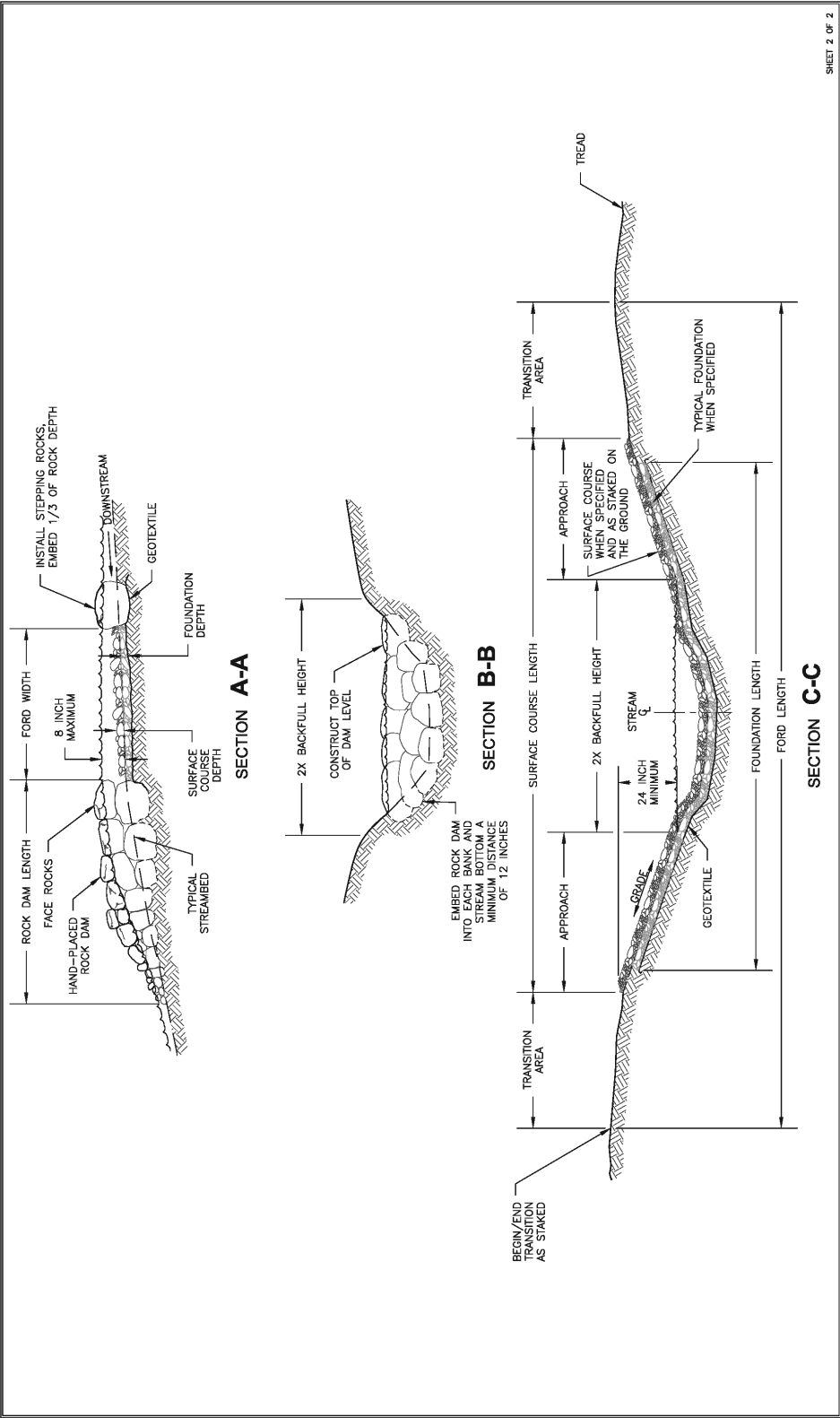
TYPICAL ID
RSP

REVISION DATE
XX/XX/XX

NO SCALE

DRAWING NO.
STD 923-10-01

SHEET
OF



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
STANDARD TRAIL PLAN

PROJECT NAME & LOCATION
SPRING HOLLOW TRAIL SYSTEM
ST. GEORGE, UTAH

DRAWING NAME
CONSTRUCTED FORD
ROCK STRUCTURE

DRAWING NO.
STD 917-20-02

REVISION DATE
XX/XX/XX

TYPICAL ID
RF2

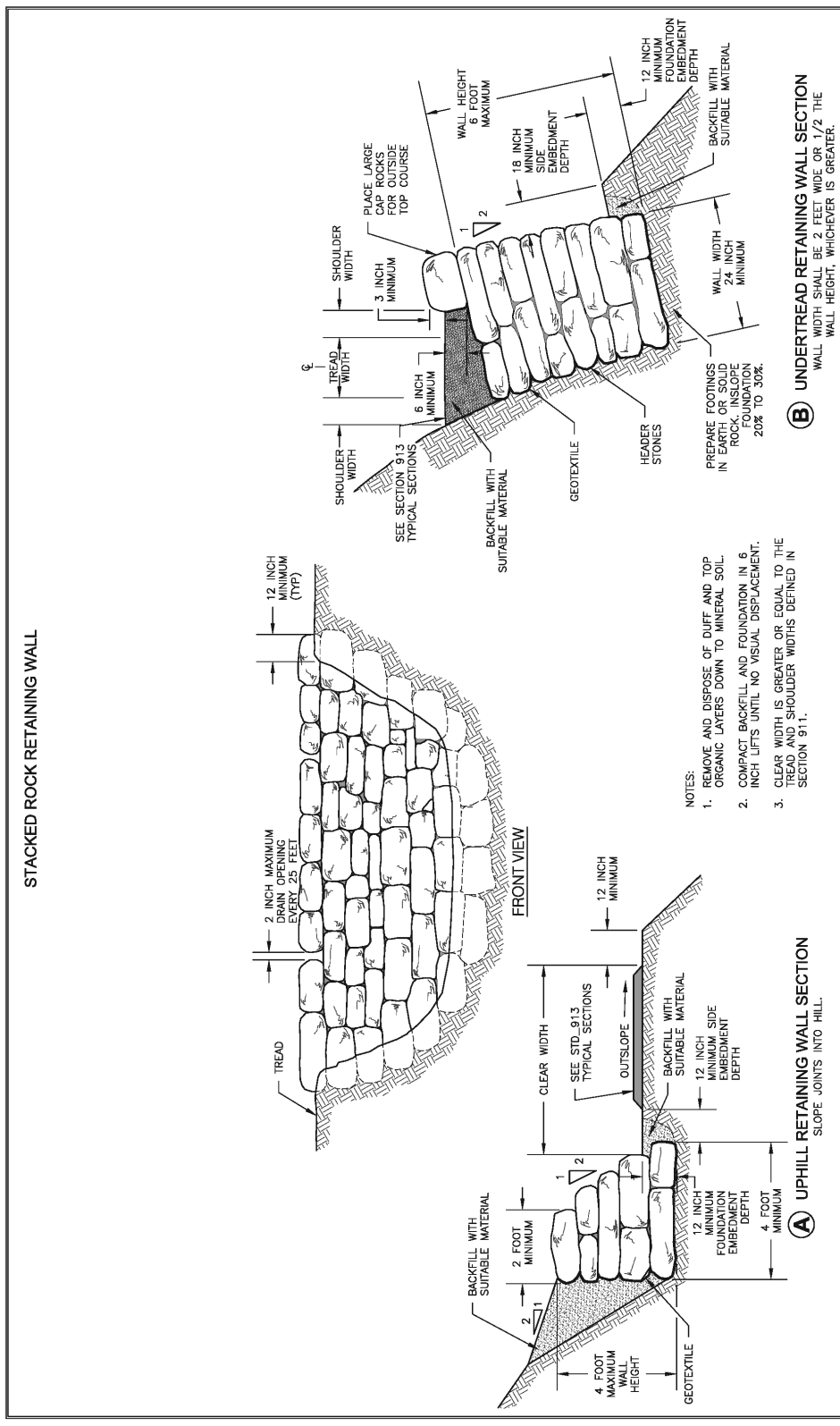
SECTION
917 - FORDS

NO SCALE

SHEET
OF

SHEET 2 OF 2

STACKED ROCK RETAINING WALL



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
STANDARD TRAIL PLAN

PROJECT NAME & LOCATION
**SPRING HOLLOW TRAIL SYSTEM
ST. GEORGE, UTAH**

DRAWING NAME
STACKED ROCK RETAINING WALL

SECTION
935 - RETAINING WALLS

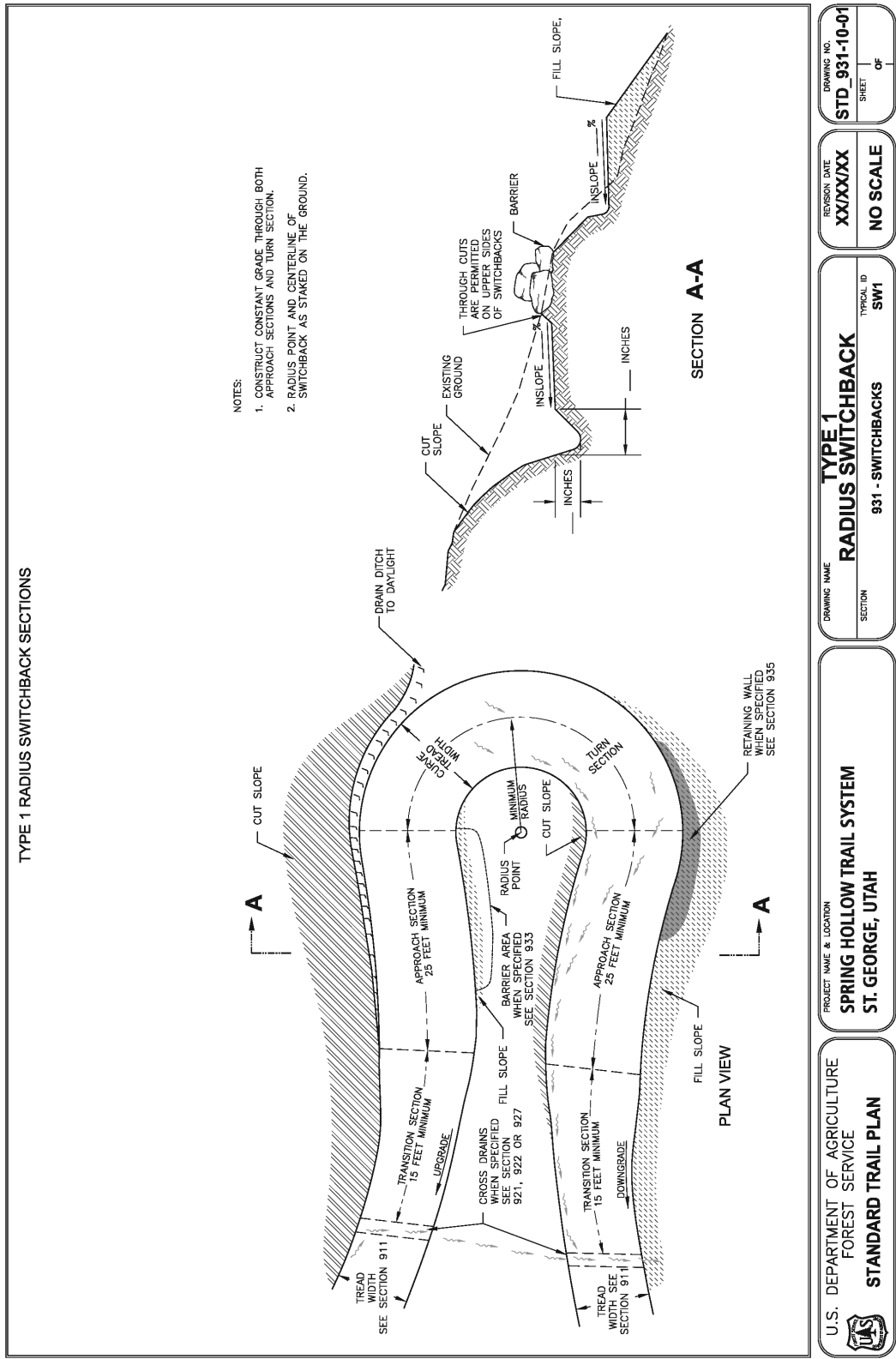
TYPICAL ID
RRW

REVISION DATE
XX/XX/XX

NO SCALE

DRAWING NO.
STD 935-20-01

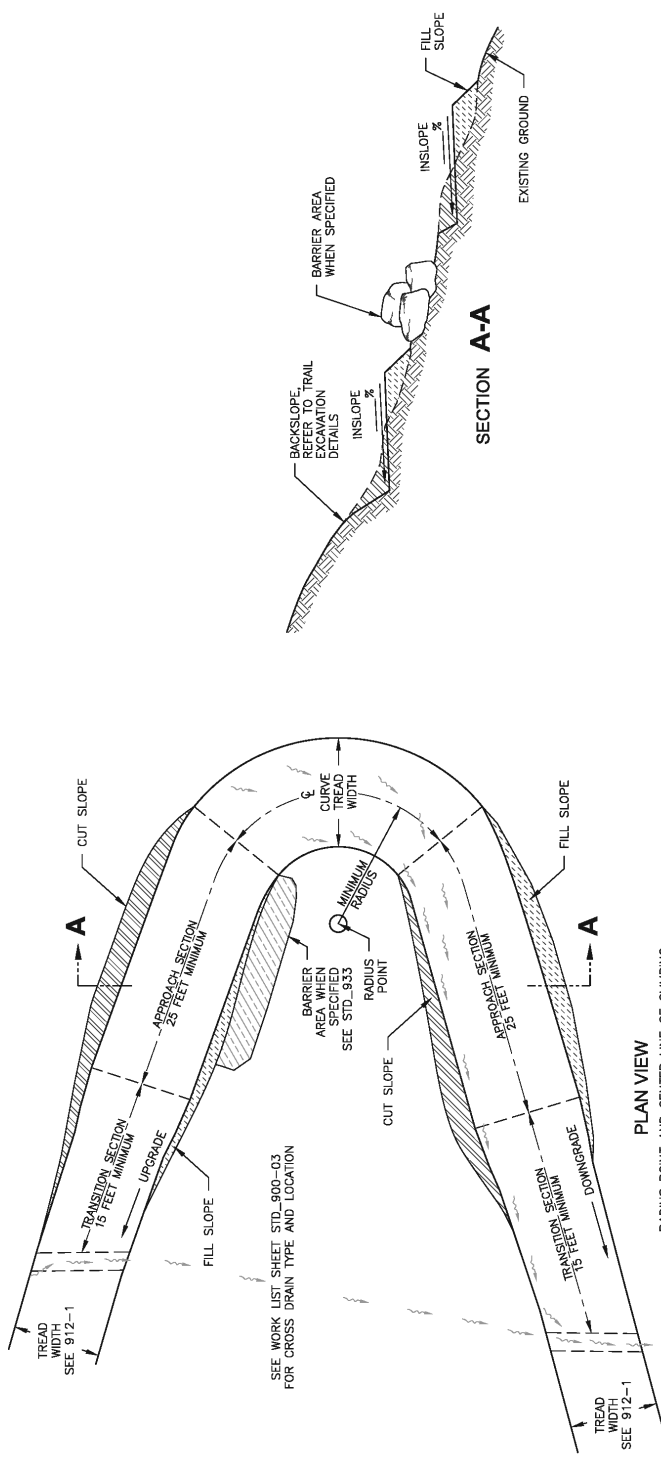
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OF



U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE STANDARD TRAIL PLAN	PROJECT NAME & LOCATION SPRING HOLLOW TRAIL SYSTEM ST. GEORGE, UTAH	DRAWING NAME TYPE 1 RADIUS SWITCHBACK SECTION 931 - SWITCHBACKS	REVISION DATE XX/XX/XX	DRAWING NO. STD 931-10-01
			NO SCALE	SHEET OF



CLIMBING TURN SECTIONS



NOTE:
CONSTRUCT CONSTANT GRADE THROUGH
BOTH APPROACH SECTIONS.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
STANDARD TRAIL PLAN

PROJECT NAME & LOCATION

DRAWING NAME

CLIMBING TURN

SECTION

914 - CLIMBING TURN

TYPICAL ID

CTN

REVISION DATE

XX/XX/XX

NO SCALE

DRAWING NO.

STD 914-01

SHEET

OF