Purchasing Division
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Addendum 1
Solicitation 23-99761
Spirit Mountain Bike Trail – Downhill Black

This addendum serves to notify all bidders of the following changes to the solicitation documents:

- Addition of Green Connector trail to the solicitation
    - **NOTE:** Qualification Worksheet C is not required for Green Connector – please fill out appropriate section in the Qualification Waiver form and upload that in Bid Express.
- Map of Black Jump line and Green Connector is attached to this addendum
- Waypoint maps and descriptions for Black Jump Line and Green Connector are attached to this addendum
- An updated bid worksheet is attached and updated in BidExpress
- Bid opening date has changed from Tuesday, December 5, 2023 to Wednesday, December 6, 2023 at 2:00 PM.
- The following question was asked and is answered in *Italics*

Question:

1. The cover page gives a final completion date of July 15, 2025. However, the first section of the special conditions in the bid package states the following: "CONSTRUCTION SEASON in Duluth snow cover typically persists from mid-April to mid-May. All construction that is awarded as part of this contract must be completed by June 30th, 2024". Could you please confirm the date of final completion for this Downhill Trail project?
    a. *The Final Completion date for this project is July 15, 2025. Substantial Completion is June 30th, 2025.*

Northern Long-Eared Bat Best Management Practices as it pertains to the mountain bike trail work specifically at Spirit Mountain.

- **Conservation Measures**
    1. Ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all FHWA/FRA/FTA (Transportation Agencies) environmental commitments, including all applicable AMMs. Notify Contractor(s) during the pre-construction meeting.

Bat Sightings (including sick, injured, and/or dead bats) on the project must be reported to OES wildlife ecologist (612-741-7678) within 24 hours of discovery.

2. Tree removal must be limited to that specified in project plans and only those trees marked by the owner may be removed that are over the 3" DBH (diameter breast height) threshold. Anything under 3" there are no restrictions on removals.
3. Contractor must inspect hollow trees, culverts, and under any existing trail bridges and boardwalks within the trail corridor to determine if bats or bat signs are present before beginning construction activities.
4. Avoid tree removal 3" DBH or greater (June 1 to August 15).

The active bad season is April 1 to November 14. If bats or bat signs are detected, stop work and notify the MnDOT wildlife ecologies immediately.

Please acknowledge receipt of this Addendum by checking the acknowledgement box within the www.bidexpress.com solicitation.

Posted: **November 29, 2023**

Green Connector – Project #2

This project is focused on getting beginner riders to Happy Camper from the top of the lift. The alignment is approximately 1,059 LF of one-way downhill trail construction and will follow (Spec 4) Green Flow Bump Pump. The alignments is flagged in the field with *“blue”* drop flags at a 5% average running slope. Trail will be a machine-built for bikes only.

The character of the trail shall be extremely beginner friendly and mellow with slow speeds, wide corners and berms, and gradual and low-grade reversals. Boardwalk turns in any direction horizontal or vertical of boardwalks are not be allowed. They must be straight and flat.

Upper Staging Area

Spirit Mountain Pl

Private Dr

W Skyline Pkwy

Gagebiz Creek

85th Ave W Creek

Bessemer St

Legend

Streams

Proposed Trails

Black Jump Trail Alignment

Green Connector Alignment

Existing Trails

Down Hill Bike

Bike/Hike

Service Roads / Haul Roads

Superior Hiking Trail

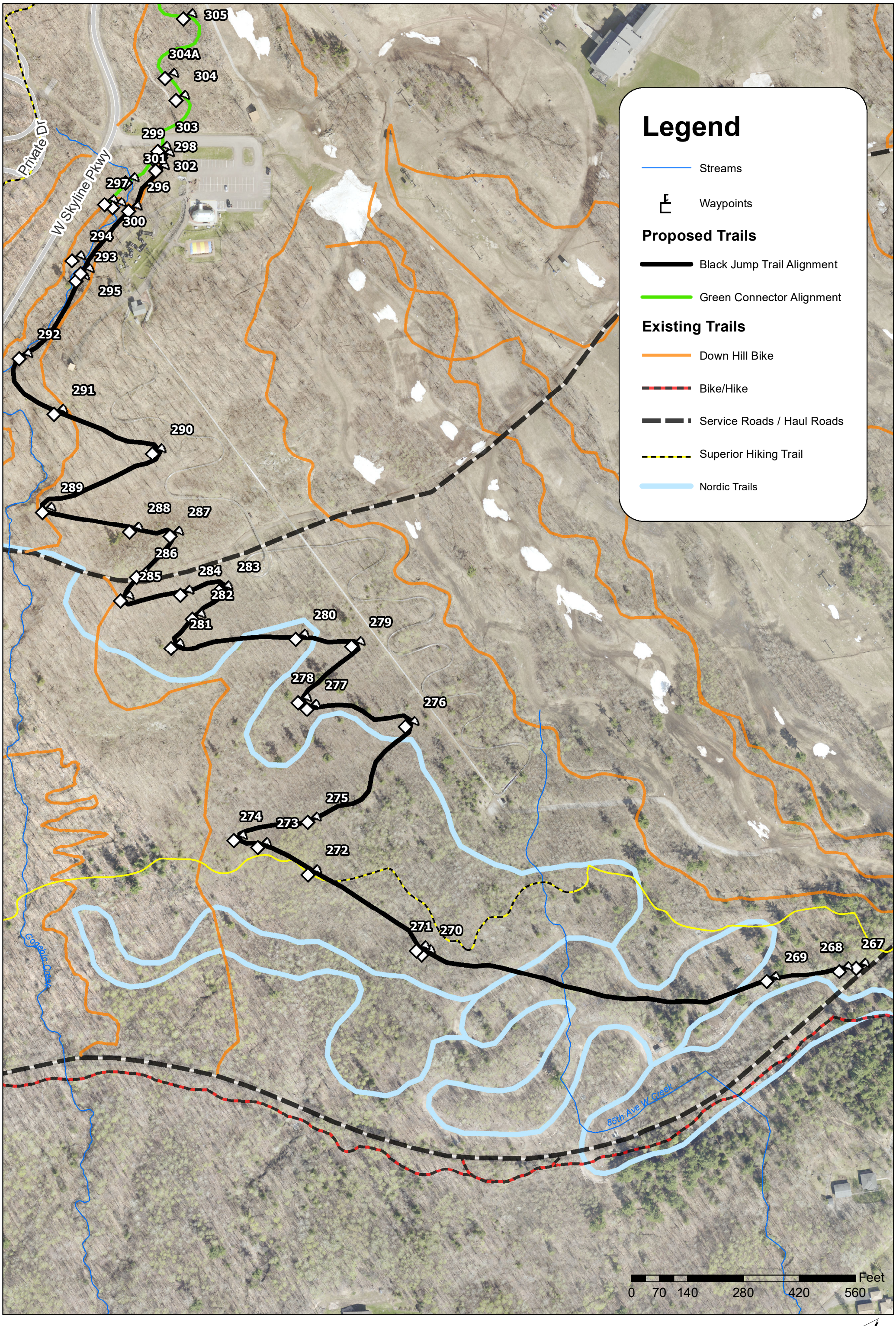
Nordic Trails

0 80 160 320 480 640 Feet

Black Jump Line & Green Connector

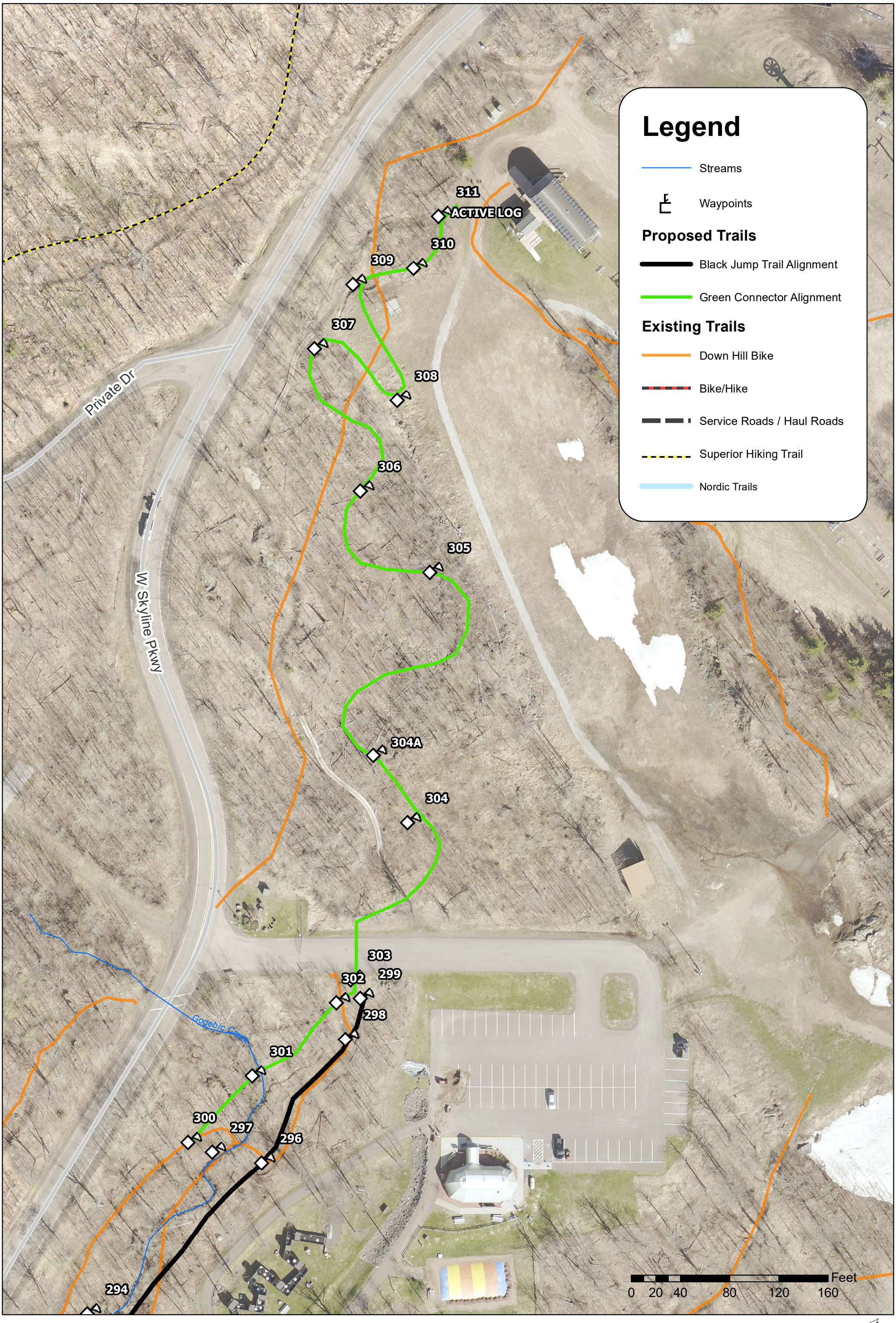
Date: 11/29/2023

N



Black Jump Line

Date: 11/29/2023



Green Connector

Date: 11/29/2023

SPIRIT MOUNTAIN LEGACY TRAILS - PHASE II

Waypoint Descriptions

Notes

1. Quantities and unit lengths below are estimated in the field at the time of design. Contractor responsible to verify quantities and field fit appropriate unit bit items specific for the site at the time of construction.
2. Refer to project maps for estimated waypoint location.
3. Contractor is expected to do a pre-construction flag line corridor walk with Owner to review route and adjust the flag line with Owner if needed prior to the start of any work.

Black Jump Line & Green Connector – Projects 1 & 2

267. Terminus of Black Jump Line
268. Boardwalk
269. Pipe must be buried
270. Boulder Signature Feature
271. 21’ Bridge
272. Over Under Structure (Build over SHT)
273. Boardwalk
274. Berm
275. Boardwalk
276. Berm
277. Boardwalk
278. Berm
279. Berm
280. Boardwalk
281. Berm
282. Boardwalk
283. Berm
284. Bridge 24’
285. Berm
286. Boardwalk
287. Berm
288. Boardwalk
289. Berm
290. Berm
291. Intersection
292. End Co-opted existing trail
293. Reset existing bridge
294. Relocate repurpose 21’ boardwalk
295. Begin Co-opted existing trail
296. End Co-opted trail
297. Relocate repurpose 12’ boardwalk
298. Begin Co-opted trail
299. Beginning of Black Jump Line
300. Tie in to existing trail (Candyland)
301. Boardwalk

302. Beginning new trail (Candyland), tie into hub by others
303. Hub by others
304. Tie in to existing trail
304a. Boardwalk
305. Boardwalk
306. Boardwalk
307. Berm
308. Berm
309. Berm
310. Berm
311. Begin Green Connector Alignment

BID WORKSHEET B (SUMMARY SHEET)

SPIRIT MOUNTAIN LEGACY TRAILS - PHASE II

Instructions… _____ initial

- *Provide cost for all three types of mobilizations, only one mobilization will be awarded based on sub projects awarded.*
- *Bid tabulation sheets quantities take precedence over quantity discrepancies in the specifications or plans.*

Summary Sheet

Project #	***Project Name***	***Total***
1	**Black DH Jump Line**	
2	**Green Connector**	
SUB TOTAL		

One Mobilization if Awarded Black Jump Trail (r/t)	
One Mobilization if Awarded Black Jump & Green Connector Trail(s) (r/t)	
One Mobilization if Awarded Green Connector Trail (r/t)	

BID WORKSHEET B

initial

Project Name: *Black DH Jump Line*
Project #: *1*
Project Length: *(±5,744 LF, ±1.1 MI)*
Specification Types: *Black Jump (Spec 9)*

Instructions…

- *For each project bid, fill in unit price for all items.*
- *Failure to provide a unit price for any item will invalidate the bid for that project.*
- *Unit prices made on a per-project basis.*
- *Quantities for each project are estimated. Final quantities may change, but the unit price is fixed.*
- *Insert total for each project on summary sheet.*
- *Bid tabulation sheets quantities take precedence over quantity discrepancies in the specifications or plans.*

Work	Unit measure	Estimated Quantity	UNIT PRICE	TOTALS
TRAIL OBLITERATION	LIN FT	186		
TRAIL CONSTRUCTION TYPE 'A'	LIN FT	1,778		
TRAIL CONSTRUCTION TYPE 'B'	LIN FT	3,650		
TRAIL CONSTRUCTION TYPE 'C'	LIN FT	316		
SWITCHBERM	EACH	10		
BERM	LIN FT	0		
ROCK ARMORING	SQ YD	43		
ROCK CRIB WALL	SQ FF	69		
OVER/UNDER STRUCTURE	LUMP	1		
GATE STRUCTURE	LUMP	1		
RAKE & RIDE BEDROCK	LIN FT	160		
TABLETOP JUMP	EACH	21		
12" CORREGATE PLASTIC CULVERT SMOOTH WALL INTERIOR	EACH	50		
72" BOARDWALK	LIN FT	168		
72" BRIDGE W/ RAILINGS BOTH SIDES	LIN FT	44		
84" BRIDGE W/ RAILINGS BOTH SIDES	LIN FT	0		
8" BIO LOG / COIR ROLL (WOOD CHIP BIO-DEGRADABLE)	LIN FT	950		
CAT II EROSION CONTROL BLANKET & SEED (STRAW DBL NET BIO-DEGRADABLE)	SQ YD	500		
CERTIFIED WEED FREE STRAW & SEED	BALE	11		
TURF BLOCK PAVERS	SQ YD	0		
TRAIL CAPPING	LIN FT	0		
PROJECT TOTAL				

BID WORKSHEET B

initial

Project Name: *Green Connector*
Project #: *2*
Project Length: *(±1,248 LF, ±0.2 MI)*
Specification Types: *Green Flow (Spec 4)*

Instructions…

- *For each project bid, fill in unit price for all items.*
- *Failure to provide a unit price for any item will invalidate the bid for that project.*
- *Unit prices made on a per-project basis.*
- *Quantities for each project are estimated. Final quantities may change, but the unit price is fixed.*
- *Insert total for each project on summary sheet.*
- *Bid tabulation sheets quantities take precedence over quantity discrepancies in the specifications or plans.*

Work	Unit measure	Estimated Quantity	UNIT PRICE	TOTALS
TRAIL OBLITERATION	LIN FT	102		
TRAIL CONSTRUCTION TYPE 'A'	LIN FT	537		
TRAIL CONSTRUCTION TYPE 'B'	LIN FT	541		
TRAIL CONSTRUCTION TYPE 'C'	LIN FT	0		
SWITCHBERM	EACH	40		
BERM	LIN FT	2		
ROCK ARMORING	SQ YD	0		
ROCK CRIB WALL	SQ FF	0		
48" BOARDWALK	LIN FT	152		
72" BRIDGE W/ RAILINGS BOTH SIDES	LIN FT	0		
8" BIO LOG / COIR ROLL (WOOD CHIP BIO-DEGRADABLE)	LIN FT	50		
CAT II EROSION CONTROL BLANKET & SEED (STRAW DBL NET BIO-DEGRADABLE)	SQ YD	100		
CERTIFIED WEED FREE STRAW & SEED	BALE	4		
TURF BLOCK PAVERS	SQ YD	0		
TRAIL CAPPING	LIN FT	0		
LIFT & TILT	LIN FT	110		
PROJECT TOTAL				