



Red Lodge Wayfinding Plan

JUNE 30, 2017





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Introduction

Project Background and Oversight

This Plan is a product of the Red Lodge Main Street Partnership through a Montana Main Street Program planning grant award under the Montana Department of Commerce. The City of Red Lodge administered the grant. The Red Lodge Main Street Partnership, coordinated by the Red Lodge Area Chamber of Commerce/Convention and Visitors Bureau, provided oversight of the project activities.

A grant award of \$18,000 was supplemented by match donations to include:

- •City of Red Lodge, \$3,000
- •Red Lodge Area Chamber of Commerce/Convention and Visitors Bureau, \$1,000•Red Lodge Area Merchants and Lodging Association, \$500
- •Beartooth Recreational Trails Association, \$500
- •Red Lodge Tourism Improvement Business District, \$500
- •Red Lodge Area Community Foundation/Old Roosevelt School, \$500

The Red Lodge Main Street Partnership was accepted in January 2016 by the Montana Department of Commerce as an affiliate member community of the Montana Main Street Program. The Main Street Program assists communities in revitalizing and strengthening downtown commercial districts, while also offering technical assistance expertise and competitive grant funding.

A wayfinding program has been identified by the Red Lodge Main Street Partnership as a project that can be implemented successfully in a short period of time, providing further impetus and energy for the Partnership to successfully develop the longer term revitalization goals of developing historic commercial downtown preservation project proposals and updating the Downtown Red Lodge Assessment and Action Plan.



Wayfinding Plan Steering Committee

The Wayfinding Plan Steering Committee was made up of a partnership with a diverse membership of local organizations and multiple individual businesses.

Tracy Timmons Red Lodge Area Community Foundation (RLACF)

Bill Foisy RLACF/Old Roosevelt Steering Committee

Tim Weamer Red Lodge Area COC/Convention and Visitors Bureau Sherry Weamer Red Lodge Area COC/Convention and Visitors Bureau

Laurie Barnard Beartooth Recreational Trails Association

Martha Brown Red Lodge City Council

Peter Italiano Red Lodge Community Development Director
Dan Seifert Red Lodge Parks, Trees and Recreation Board

Kathy Robson Red Lodge Merchants and Lodging Association/Proud and Beautiful

Trish Lacombe Red Lodge Merchants and Lodging Association

Jenn Nelson Red Lodge Tourism and Business Improvement District

Samantha Long Carbon County Historical Society

Sue Taylor Beartooth Resource Conservation and Development Council.

Marcella Manuel Red Lodge Realtors Association
Sue Foisy local merchant, Kids Corner

Polly Richter local merchant, Babcock and Miles

Tom Kuntz local merchant, Red Lodge Pizza Company
Tom Kohley Active Transportation Plan Steering Committee

Project Purpose and Description

Wayfinding is more than designing and installing distinctive, attractive signs and putting them in the right places. Wayfinding is about identifying the context of a place and leveraging it's unique environment to move people to the place and through the place in a way that emphasizes its community character.

This Wayfinding Plan is a guide for the development and construction of signs in the City of Red Lodge, an outline of the intent for new sign design, and an implementation of larger branding and marketing efforts initiated recently. The plan will ultimately help to achieve goals set in the active transportation plan of higher connectivity to multiple modes transportation across the community, as well as promote linkages between trail networks, pedestrian and bike facilities, and assist travelers and tourists in their local trips and treks. Like a sign itself, this plan is a guiding document that focuses the energy of many recent efforts.

The Wayfindfing Plan presents an outline of the public and stakeholder input received that determined sign design and placement specifications, present specifications for development and construction of new signs, prioritized locations for new signs, and estimated costs for sign projects. Preliminary mapping was performed to identify suitable locations for specific sign types and applications. To implement the plan, cost figures for sign projects and construction are estimated for prioritized projects.

Successful wayfinding and signage guides the energy of locals and tourists alike, to creates a sense of community that will provide regional benefits by increasing exposure to businesses, economic growth opportunities, alternative modes of transportation, and aesthetic benefits.

With a strong wayfinding and signage plan, Red Lodge will be placed on a bigger map for both locals and visitors alike.

How to Use This Plan

This plan will be utilized to implement the Wayfinding Plan in Red Lodge. Considering budget and changing conditions, the plan should be an evolving document which should undergo updates in subsequent years.

The necessary stakeholders will be utilized to revisit destinations list and reevaluate important routes visitors and residents ability and needs to navigate the City. A signage map was prepared to identify key locations of the signage around the City.

Capitalizing on rebranding efforts done recently, logos and branding have been included for fabricators to incorporate in new signs design and construction.

Public Outreach and Methodology

The Wayfinding Plan undertook a series of engaging, dynamic, and creative planning phases that has been called the ASSESS, EXPLORE & APPLY Framework:

ASSESS

The **Assess** component built on the momentum of recently completed efforts like the Chamber of Commerce rebranding, the efforts along Broadway supported by the Tourism Business Improvement District (TBID) and the City's recently completed Active Transportation Plan. New design concepts were in concert with the already established downtown and community identity.

The project spanned more than just wayfinding—creating a positive influence on the economic vitality of the Red Lodge core area in the downtown was a key goal. Implementable strategies that were cost effective and flexible yet timeless also needed to build on the existing 'Base Camp to the Beartooths' campaign and the efforts of the TBID.

A Project Kickoff Meeting with the consultant team and project decision makers included City officials, the Red Lodge Community Foundation, the Chamber of Commerce, the Business Improvement District, Downtown Merchants Association, and others. This was concurrent with a walkabout that resulted in a visual/photo database and catalogue of the existing features particularly focusing on the streetscape and downtown features. Wayfinding strategies from existing documents were also reviewed including, but not limited to:

- Active Transportation Plan
- Growth Policy
- 2006 Downtown Red Lodge Assessment and Action Plan
- Parks Plans and Inventories
- ADA audits

EXPLORE

The **Explore** phase was rooted in a thorough understanding of the planning context by reviewing existing destination points in the community.

The Project Team prepared a Draft Survey Questionnaire for acquiring community input. This included social media, printed material and online surveys. An inventory was prepared and key destinations, attractions, and public spaces were prioritized. Project area maps were used to convey sign locations. The Team used base maps to create various overlays throughout the project including destinations, routes and connections, land use, accessibility, and site analysis. Individually selected business owners, key stakeholders and residents of the project area were contacted for interviews and results were synthesized with survey results.

APPLY

Designs were developed to focus on integration into the existing heritage and community identity. The Project Team drafted design concepts of imagery for the wayfinding elements that included a variety of sign types like gateway signs, directional signs, decorative elements, lighting, banners and custom designed furniture.

The Project Team then presented draft concepts to stakeholders for approval, ultimately preparing final design and construction specifications for up to 4 elements that will be construction ready. Finally cost estimates were developed, as well as a colors and finishes schedule and message schedule including message, quantity, and sign type for each feature as well as life cycle costs for maintenance. Included were additional funding sources for implementation.

Roadway Sign Specifications

All signs in the right-of-way must follow the Department of Transportation guidelines.

Fabricator Performance and Signage Material Requirements

PART 1 - GENERAL

- 1.1 These Fabricator Performance and Material Requirements are an integral part of the Design Intent documents. The fabricator, subcontractor and the general contractor are responsible for all aspects of fabrication identified in this document. Any exclusions or substitutions to this document or to the Design Intent Drawings must be stated in writing to the Red Lodge Chamber of Commerce (Owner) and to CTA Architects Engineers (CTA) at the time of bid.
- 1.2 Proprietary Information Non-disclosure Agreement
 - A. All ideas, designs, arrangements and plans indicated or presented by these drawings are owned by and are the property of the Owner, and were created, evolved and developed for use on and in connection with the specified project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of CTA and the Owner. Any and all inquiries in this regard by outside parties should be referred to CTA. In addition, the fabricator must request and receive written approvals to use images of any completed element described in these documents in print or promotional materials of any kind including video, from both CTA and the Owner in order to proceed with publication. Permission to use images of the work for promotional or editorial purposes requires that the Fabricator be responsible for ensuring that credit indicating CTA as the designer be adjacent to those images. If an article in a publication accompanies the images, CTA must be identified as the designer in that article as well. The Owner may have additional requirements or restrictions for which the fabricator is also responsible.
 - B. All original artwork (including electronic files) furnished by CTA must be returned upon completion of this project.

- C. The acceptance of these drawings by vendors, bidders, fabricators, or contractors and their agents constitutes agreement to the following conditions:
- 1.3 Design Intent Drawings
 - A. Design intent drawings are for the sole purpose of design intent only and not intended for construction purposes.
 - B. Resulting working drawings, show drawings and contract documents including permit documents are the sole responsibility of the contractor in every respect.
 - C. CTA shall review the shop drawings only for conformance with general design intent and will in no way be responsible or liable for any results of construction from working drawings, material selection, shop drawings, contract documents or any other agreements other than agreement with the Owner authorizing these documents.
 - D. Any Owner requested changes after this document has been completed will be considered additional services.
- 1.4 Quality Assurance
 - A. Quality Workmanship
 - The contractor shall be responsible for the quality and delivery of all materials and workmanship required for the execution of the contract including the materials and workmanship of any firms or individuals who act as his or her subcontractors with complete and up-to-date drawings, performance and material requirements, graphic schedule and other information issued by CTA.
 - B. Performance
 - The contractor shall base his or her proposal on the performance of all services, including

all items of labor, materials and equipment required for the complete fabrication and installation of the specified work within the time frame agreed to by contractor, Owner and CTA.

C. Dimensions

 Written dimensions on the drawings shall take precedence over scaled dimensions.
 Contractor shall verify and be responsible for all dimensions and conditions shown by these drawings.

D. Sign Package Message Schedule

 Copy, quantities and references shown on the Message Schedule shall take precedence over drawings. The large scale details shall take precedence over the smaller scale drawings.

E. Execution

 Contractor shall notify the Owner and CTA of any discrepancies in the drawings or Message Schedule, in field dimensions or conditions, and/or changes required in construction details. Problems such as messages being too long to fit in to the required formats, difficulty accurately reproducing logo or logotype components, etc., must be brought to the attention of the Owner and CTA prior to execution. It is required that the contractor not resolve any discrepancies without consulting the Owner and CTA.

F. Contractor Recommendations

1. The contractor shall carefully study the detailed drawings and make specific recommendations for changes if those changes will improve the quality of any fabrication. Such recommendations and changes including any changes in contract amount shall be approved in writing by the Owner and CTA prior to preparation of shop drawings or fabrication.

G. Artwork

CD ROM with electronic artwork as required by the sign contractor for symbols or custom designed graphic components (i.e.: logos, logo types, arrows, or patterns) will be provided in Mac-based or Adobe Illustrator CS format at a scaled percentage of the final size. The [to be?] provided when necessary. All required copy layouts and text for project signage system is the responsibility of the sign contractor. All

enlarging and reducing is the responsibility of the sign contractor. Contractor shall submit an itemized list of all required artwork at time of bid. Note: Any artwork required beyond electronic computer artwork noted above (i.e.: additional custom copy layouts, formatting for other platform(s), linotronic output, or copying to other media, etc.) will be billed to the contractor on a time and materials basis by CTA. CTA cannot provide copies of licensed fonts.

H. Testing

 An independent testing lab will be hired by the Owner to do inspection and material testing as required. Do not proceed with the work until unsatisfactory conditions have been corrected by the contractor in a manner acceptable to the Owner.

I. Engineering Reports

 A certified Independent Engineering report on materials and design for footing, signage support and sign fabrication are included with the design intent documents. As required by the MUTCD, Federal Highway Administration (FHWA) and Montana Department of Transportation (MDT). The footings, fabrication and attachment of the signs to support poles must all meet the required 90 mph wind load test.

1.5 Submittals

A. Shop Drawings

1. The contractor shall submit three sets of detailed shop drawings (2 sets of print, 1 reproducible set of plans, elevations and scale drawings) to CTA and 1 reproducible set plus 1 set of prints to the Owner for review prior to production. These drawings are to show/ indicate all materials, finishes, construction details, lighting requirements, installation details, artwork and structure, including locations of all material seams (finished and unfinished). Shop drawings and data shall be reviewed by the Owner and CTA with such promptness as to cause no delay in the work. The contractor shall make all corrections required and resubmit for final review. Final reviewed shop drawings noted "No Exceptions Taken" or "Exceptions as Noted" must be

- received from the Owner before production starts.
- 2. Shop drawings will be reviewed for compliance with design intent only. The contractor is responsible for engineering each object to meet all load and wind requirements with accordance to FHWA & MDT specifications. The contractor is responsible for all other aspects of fabrication including engineering, procedure, installation techniques and performance as well as coordination with site conditions and related trades.

B. Product Data

 The contractor shall submit manufacturer's technical data and installation instructions for each fixture provided within the completed installed unit. Contractor shall provide identification of all materials used, including manufacturer's descriptive literature, control number, name, code number, batch and formula (when available).

C. Specific Samples

1. The contractor shall submit a minimum of three (3) samples (minimum size 6" x 6" or as requested by CTA of each color and finish on the specified materials. Samples must be submitted in a time frame allowable for review, multiple adjustments, and approval without delay to the project. CTA's review of samples will be for color, texture, and aesthetic compatibility with existing or adjacent materials. Compliance with all other requirements is the exclusive responsibility of the contractors. When specified furnish fullsize samples of objects, partial objects, and/or materials. Resubmit samples if requested until required sheen, color, texture, and compliance with Fabricator Performance and Material Requirements is accepted.

D. Structure

 Design of installation, internal structure, mounting assemblies and foundations are by contractor. Contractor shall submit three sets of prints and one reproducible set of comprehensive engineering drawings to CTA incorporating an adequate foundation and/ or mounting structure for all sign components to meet all load and wind requirements and given site conditions. The contractor shall at his or her expense, submit for Owner's review, calculations, sealed by certified engineers registered in the state of final installation, for all structural members including foundations.

E. Custom Fabricated Items

1. The contractor is to submit shop drawings of all custom fabricated items and specifications on all standard pre-manufactured items.

F. Maintenance

The contractor shall provide the Owner with complete finish/component care instructions as specified by the manufacturer for on-going cosmetic cleaning and maintenance. Three sets are to be submitted in an 8-1/2" x 11" 3-ring binder. Turn over to Owner one (1) unopened gallon of each color/finish used on the project clearly marked with complete specification and "P" color reference.

G. Copy/Text Layouts

 The contractor shall provide full size copy layouts for all signs. Layouts must be submitted in a time frame allowable for review, multiple adjustments and approval without delay to the project.

1.6 Finishes

A. Colors and Surface Textures

1. All colors shall match exactly the color and finish requirements provided by CTA for exposed signage, materials with applied colors or other characteristics related to appearance, contractor shall provide color matches indicated, or if not indicated, as selected and reviewed by CTA.

B. Surface Preparation

 All surfaces shall be thoroughly cleaned and free from dust, dirt, rust, scale, mill scale, oil, greasy materials or residue from cleaning. All coatings shall be applied in strict accordance with the manufacturer's recommendations.
 All paint products shall conform to local codes.
 All finishes shall present a uniform opaque color appearance unless specifically indicated otherwise by CTA.

C. Painted Finish

- 1. Ferrous Surfaces
 - a. Using Matthews paint products (or a

product of equivalent quality) finish with 1 coat 74-734 & 74-735 Metal Pretreat .25 mils DFT 1 coat Matthews Acrylic Polyurethane 1 mil DFT (min.). Observe designer's specification regarding specularity (matte to gloss).

2. Aluminum

a. Using Matthews paint products (or a product of equivalent quality) finish with 1 coat 74-734 & 74-735 Metal Pretreat .25 mils DFT or 1 coat 74-793 Spray Bond .15 to .25 mils OFT and 1 coat Matthews Acrylic Polyurethane 1 mil OFT (min.).

3. Bright Metals

a. Match finish (polished, satin, brushed, etc.)
 detailed on drawing. If specified, finish with
 a polyurethane clear coat warranted against
 yellowing for seven years.

4. Plastic Surfaces

a. All plastic to be paint finished according to paint manufacturer's specifications.

5. Application

a. All applications of color/coatings are to be equal and of consistent cover with no streaking, spotting, gradation, or other variations within and from each similar application.

6. Ultra-Violet/Fading Protection

 a. Contractor shall utilize materials, coatings, and processes to minimize as much as possible any noticeable fading of pigmented coatings.

1.7 Materials

A. Acrylic Color Translucent Sheet

1. Where sheet material is indicated as a "color" provide color translucent sheet of density required to produce uniform brightness without halo-like effect. Material provided shall be appropriately matched to the intended permanent field conditions.

B. Acrylic/Transparent Sheet

1. Where sheet material is indicated as "clear" provide colorless sheet in gloss finish, with light transmittance of 92%, where tested in accordance with the requirements of ASTM D-1 103.

C. Type I Retroreflective Sheeting, known as Engineer Grade

1. ASTM D4956 classified Type I, also known as Engineer Grade, basic reflective sheeting. Sheeting must be used in all applications where reflective sheeting is indicated in the Design Intent documents. Contractor must provide two complete sets of color matched inks printed on 12"x12" samples of Type I (Engineer Grade) sheeting of all colors for approval by (one set to each) CTA and the Owner. Specific colors and areas to be covered per sign type are detailed in the Design Intent documents.

D. Aluminum Sheet

1. Provide aluminum sheet of alloy and temper recommended by the aluminum producer or finisher for the type of use and finish indicated and with not less than the strength and durability properties specified in ASTM B109 for 5005-H 15.

E. Aluminum Extrusions

1. Provide aluminum extrusions of alloy and temper recommended by the aluminum producer or finisher for the type of use and finish indicated and with not less than the strength and durability properties specified in ASTM B-221 for 6063-T5.

F. Structural Steel

1. Provide internal structural steel as required to meet the requirements of the permanent installation.

G. Fasteners

1. Unless otherwise indicated, provide concealed fasteners fabricated from metals that are non-corrosive to either the signage materials or the mounting surface.

H. Vinyl Machine-Cut Copy

1. Vinyl machine-cut copy shall be of 3M Scotchcal brand film or approved equal.

I. Paint

 Paint shall be contractor's highest grade for best ultraviolet light resistance, weatherability, and overall longevity of finish and color. Where possible, use water-based, 100% solids, high performance acrylic instead of solvent-based paints. If solvent-based paints must be used, use products that are low-VOC (<380 g/l) and <7% aromatic hydrocarbons by weight. Paint shall have a written warranty against premature fading and be approved by CTA prior to construction. Prior to closeout contractor shall turn over to the Owner 3 copies of complete paint schedule indicating all colors used.

1.8 Fabrication

A. Copy Application

1. Provide copy to comply with the requirements indicated for size, style, spacing, content, position, material, finish and color of letters, numbers, symbols and other graphic devices.

B. Signage/Cabinet

1. Details shown on the drawing shall be followed for exterior appearance. Structural design shall utilize unitized, self-supportive framing. Fabricate cabinet, exposed faces and graphic devices to size and style indicated and produce surfaces free from oil canning, warping, distortion or any irregularities or inconsistencies. Include internal bracing for stability and attachment of mounting accessories as required. Contractor may change interior construction shown on these details to conform to their shop practices. However these changes must be submitted as part of the shop drawings and be reviewed and accepted by CTA prior to fabrication.

C. Fastenings

- 1. Fasteners on all visible surfaces shall not be exposed, except where noted.
- 2. Surfaces shall not be penetrated during fabrication or installation, except where noted.
- Surfaces shall not be deformed, distorted, or discolored by attachment of concealed fasteners.
- 4. All fasteners shall be resistant to oxidation or other corrosive action completely through their cross sections.
- Work shall be secured with fasteners of the same metal, color and finish as the components they secure where they are exposed to view.

 Fasteners shall be utilized in strict accordance with their manufacturer's specifications, directions, recommendations, and as indicated on Design Intent Drawings.

D. Aluminum Sheet

1. Not less than 0.125" thick unless noted otherwise. Fabricate by the HELIARC or MIG welding process with all visible seams continuously welded, filled and ground smooth, unless the seam occurs along a color break. Then a clean butt joint with concealed backing channel and plug weld is finished to match surrounding material finish. All blinds, curves, and folds to be geometrically correct and produced by a consistent mechanical method unless approved otherwise by CTA.

E. Jointing and Brake Forming

 All sheet metal shall have brake formed edges with radii not greater than sheet thickness unless otherwise specified. Adjacent stock shall have edges with similar radii.

F. Welding

1. All exposed welds are to be ground smooth and filled to match surface of adjacent material.

1.9 Installation

- A. Contractor shall be responsible for determining the erection and dismantling of all barricade or protective coverings necessary to safeguard the public and property during the performance and duration of his or her work.
- B. Contractor shall attaché objects to substrates in accordance with the project structural engineer's and the manufacturer's instructions unless otherwise shown. Install level, plumb, and at proper height. Repair or replace damaged units as directed by the Owner or CTA. Visible abrasions to finished surfaces must be repaired so that damage is not visible.
- C. Installation of all items shall be by the contractor. Installation includes provision of any required footings, all anchor bolts, fastenings, attachment metals, and other miscellaneous metal items embedded in concrete or building wall material as required, and security of units in place with no visible fasteners.

- D. The contractor will be responsible for any damage caused to building, site, and adjacent objects or elements during installation. The contractor shall be responsible for cleaning up all work areas upon the completion of their work, on a daily basis.
- E. Contractor is responsible for compliance with all applicable environmental regulations.
- F. Contractor is responsible for compliance with all OSHA regulations.
- G. Contractor shall be responsible for coordination of all elements with the general contractor, other sub-contractors and trades people relative to this work. These coordination efforts will include, but not limited to: deliveries, work schedules, and installation. Storage space at the job site is limited and will also require coordination and/ or approval. Materials or finished work stored at the job site without prior permission may be relocated at contractor's expense.

1.10 Cleaning/Protection and Warranties

A. All items to be installed by the contractor shall be left in a clean and as-new condition. Upon completion of the installation, clean all soiled surfaces and touch up all finishes in accordance with the manufacturer's instructions. All debris and packing material shall be removed and disposed of in a legal manner. The protective masking of the plastic surfaces shall be removed by the contractor upon completion of installation. All excavation and site work shall be returned to its original grade configuration after contract items are installed.

B. Finish Surfaces

- All units shall be warranted in writing by the contractor for a period of no less than one year from the date of Owner acceptance.
 All finished (except large format computer output) are to be warranted for 3 years from the date of Owner acceptance. There shall be:
 - a. No delamination of any portion of the object including vinyl graphics and copy.
 - b. No cupping, warping, or dishing.
 - No bubbling, crazing, chalking, rusting or other disintegration of surfaces, messages or edge finishes.
 - d. No corrosion developing beneath the paint

- surface of the support systems, except as the result of obvious vandalism.
- e. No corrosion of the fasteners.
- f. No movement of objects from their foundations. The objects must remain true and plumb on their foundations, except when obvious postinstallation external damage has occurred.
- g. No fading of the colors when matched against a sample of the original color and material.
- h. No variation of any other performance stated by CTA on the drawings or in the Fabricator Performance and Material Requirement.

C. Structure/Components

- 1. Contractor shall provide Owner with 3 copies of the written warranty prior to installation guaranteeing to correct, to Owner's satisfaction, at contractor's sole expense, all defects in fabrication and installation of work for a period of one year after Owner's acceptance of completed installation.
- D. The contractor shall have total and complete responsibility for the security of all equipment, materials, and sign components until reviewed and accepted by the Owner.

E. Maintenance

1. The contractor shall provide to Owner 3 copies each of complete finish/component care instructions as specified by the manufacturer for on-going cosmetic cleaning and maintenance. These are to be submitted in an 8-1/2" x 11" 3-ring binder. Contractor to ensure signage, neon, lamps, and electrical components etc. are easily accessible for maintenance.

1.11 Permits

- A. Securing and paying for all permits will be completed and in-hand prior to hiring contractor. Inspections and tests necessary for the construction and placement of all work required by the applicable governing agencies is by the contractor.
- B. Contractor shall secure and pay for all insurance required by law including: Liability, Worker's

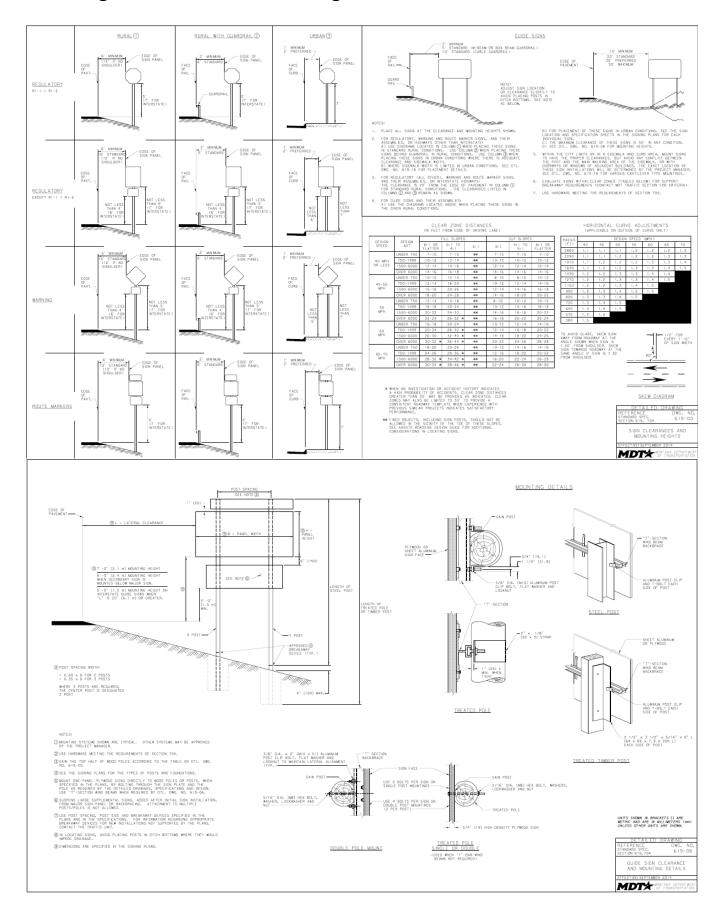
- Compensation, Comprehensive, Construction Liability, Personal Injury, Comprehensive Auto and Property on-and off-site.
- C. Contractor shall not reveal or disseminate any information to any person(s), private or public, other than CTA, Owner or contractor's personnel necessary to execute the contract without first contracting the Owner for permission.

1.12 Bid Notes

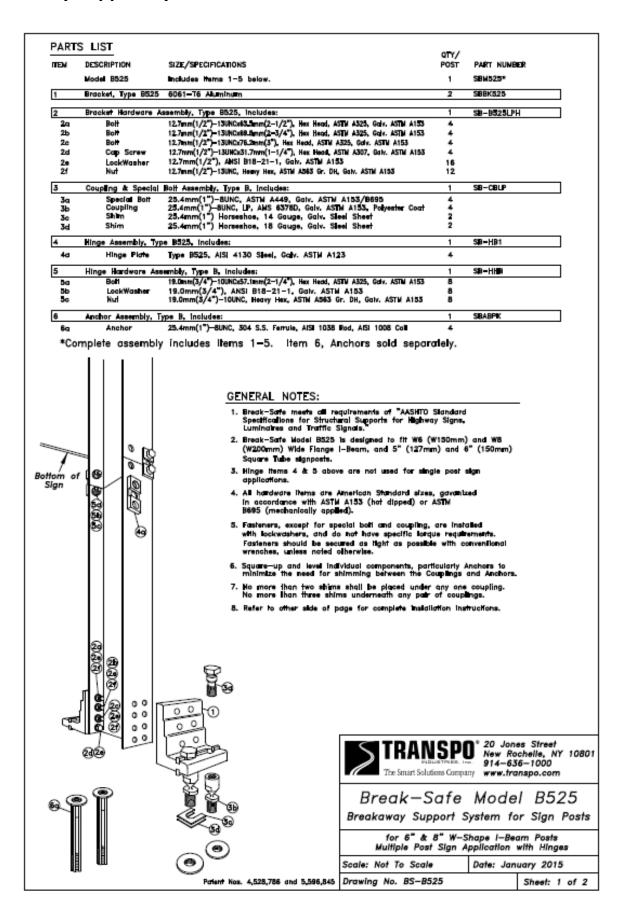
- A. Original fabrication quotes shall be sent directly to the Owner with copies of all pricing information to be sent simultaneously to CTA and General Contractor.
- B. Pricing shall be submitted in accordance with the bid documents.
- C. Bidders are required to clearly indicate in writing within their bid the method of construction anticipated, the materials to be used, and any exclusions or exceptions to the bid documents.

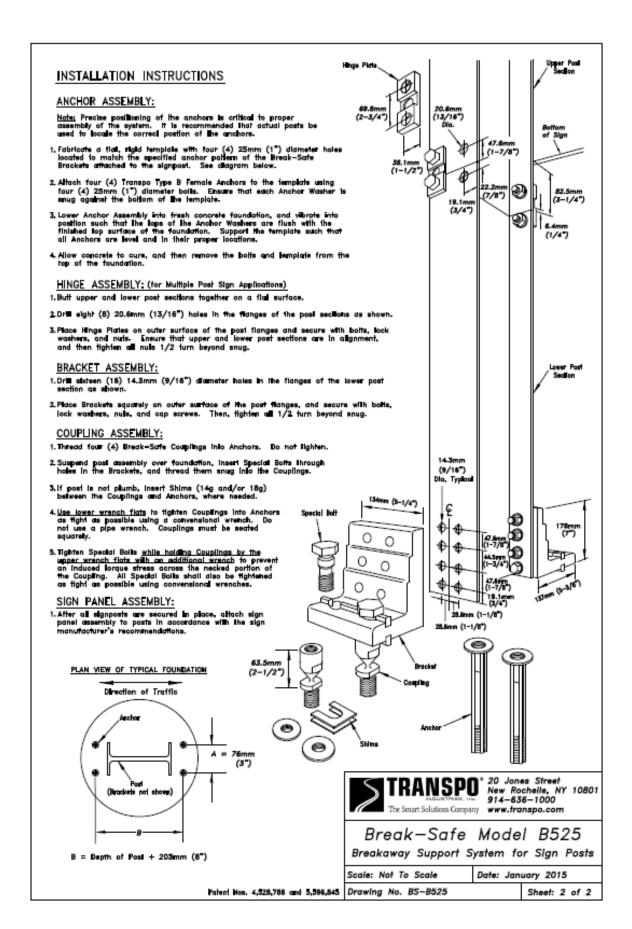
END OF SECTION

Guide Sign Clearance and Mounting Details

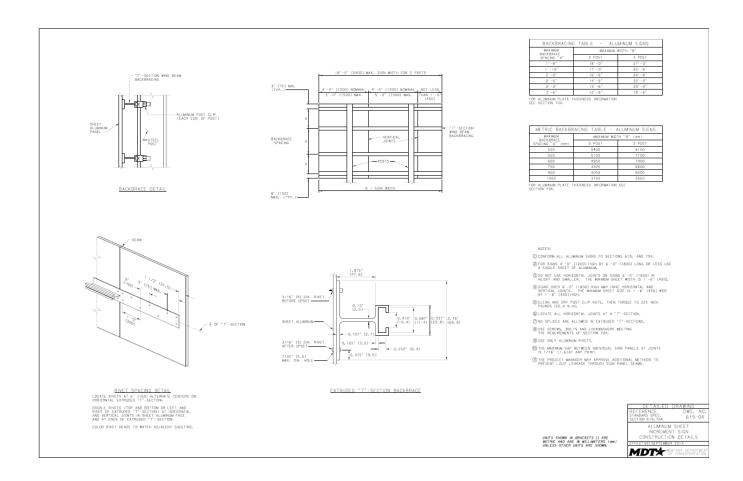


Breakaway Support System Details





Alluminum Sheet Panel Assembly Detail



Non-ROW Sign Specifications

Glulam wood:

Wood is to be kiln dried Alaskan cedar glulam beams and lap board. The cedar is resistant to decay and rot. Wood is to be charred and sanded for a smooth clean surface. One such manufacturer of charred wood finishes is

Montana Timber Products

(406) 215-4961

www.montanatimberproducts.com

product: Charwood Tiger

charred wood is to be clear coated with a vandal

resistant finish for easy removal of marker and paint.



Stone:

Stone is to be thin stone veneer, approx. 1-2" thick. Stone is to be natural and not stained and dyed. The stone color may very based on the location in town, for example; downtown stone may be a sandstone to mimic the foundations of historic buildings, and stone on the top of Highway 308 may be selected to match the stone found naturally on the hillside.

Local suppliers that have stone availed for use:

SELECT STONE

(888) 237-1000

www.selectstone.com

product: Homestead Fieldstone Thin Veneer



Design Standards

All signs, both in and out of the right-of-way, must use the Red Lodge logo and adhere to Red Lodge Chamber of Commerce branding design standards.

Red Lodge Logo

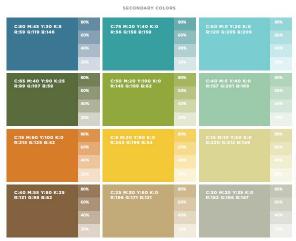
All signs will have the Red Lodge logo, using the dimensions as shown.



Color Palette

Signs will use only primary colors: Pantone Black, Pantone Red, and White.





Font

All signs will use the font Uni Sans Heavy.

PRIMARY TYPEFACE - Uni Sans

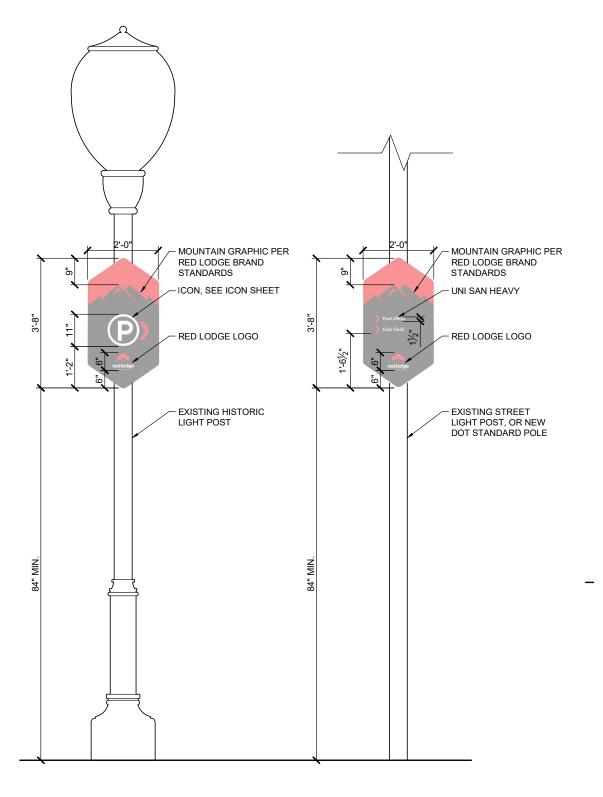


Sign Type

Small Roadway Directional

Signs will attach to existing historic lightposts, street light poles, or new DOT standard poles and will be placed just above the pedestrian zone. There are two types of small roadway directional signs, one using words and directional arrows, and the other using a larger graphic symbol placed above its description and directional arrow. See Sign Schedule for details on when to use small roadway directional signs and which type to use. The sign schedule is not a complete list of potential signs, these design standards are intended to be duplicated at additional locations around town. See page 29 for additional iconography that may also be used on this sign type.





ICON WITH DIRECTIONAL ARROW (ATTACHED TO POST OR POLE, VARIES)

TEXT WITH DIRECTIONAL ARROW (ATTACHED TO POST OR POLE, VARIES)

NOTES:

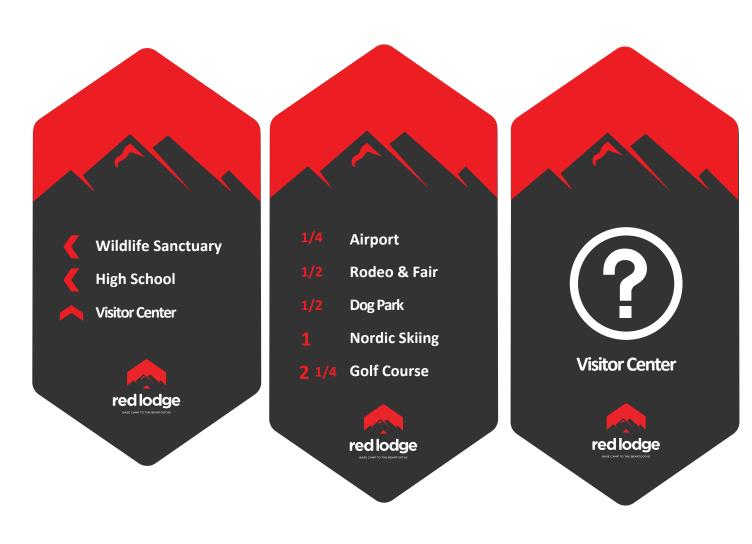
1. ALUMINUM PANEL SIGN SHEET THICKNESS TO BE .0125"

SMALL ROADWAY DIRECTIONAL

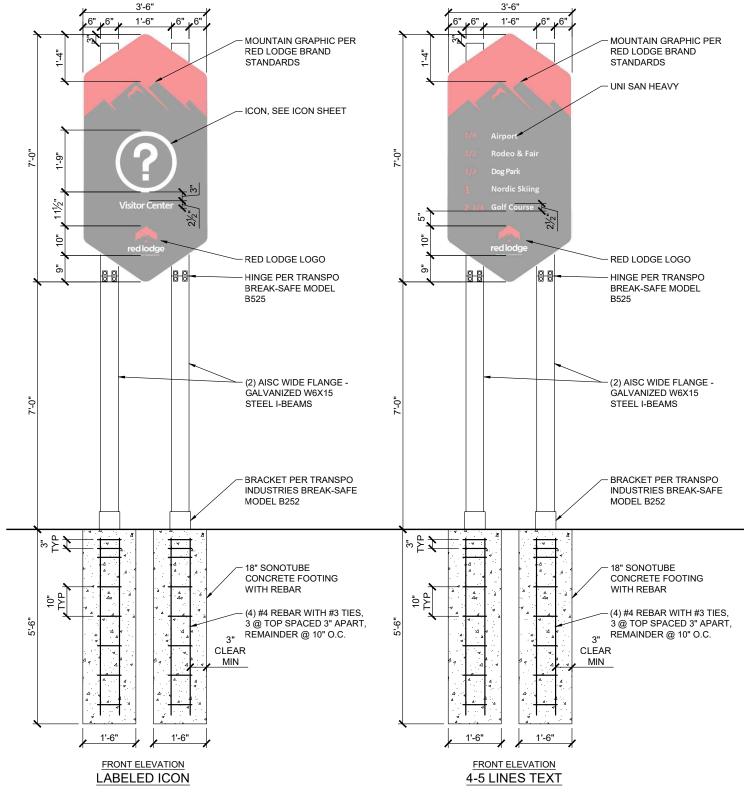
1/2"=1'-0"

Large Roadway Directional

Large Roadway Directional signs use the same proportions as the Small Roadway Directional signs, except have larger dimensions. See Sign Schedule for details on which signs may be Large Roadway Directional signs. The sign schedule is not a complete list of potential signs, these design standards are intended to be duplicated at additional locations around town. See page 29 for additional iconography that may also be used on this sign type.



1-3 line text 4-5 line text Icon



NOTES:

- 1. ALUMINUM PANEL SIGN SHEET THICKNESS TO BE .0125".
- 2. HINGE LINE TO BE 3 $\frac{1}{4}$ " BELOW BOTTOM OF SIGN, PER MANUFACTURER'S INSTRUCTIONS.

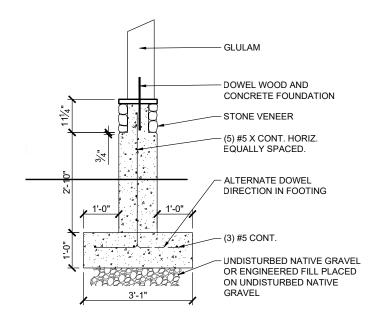
LARGE ROADWAY DIRECTIONAL

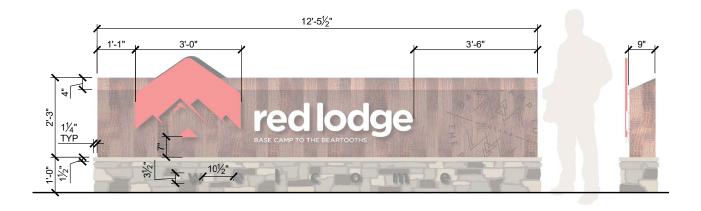
1/2"=1'-0"

Gateway

Signs will be located out of the right-of-way and in a location that has a picturesque backdrop of the Beartooth Mountains and Red Lodge.







NOTES:

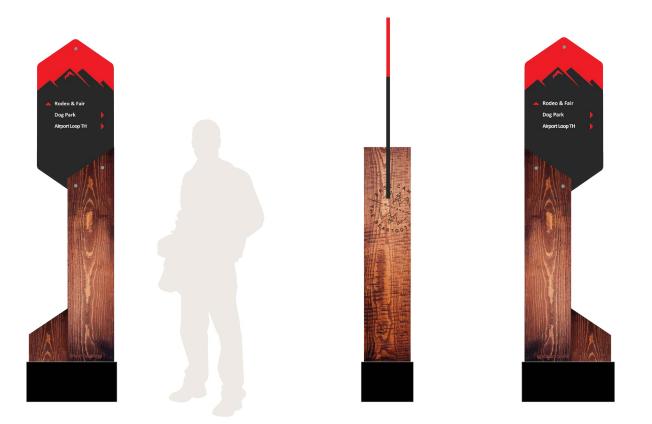
- ALUMINUM PANEL SIGN SHEET THICKNESS TO BE .0125".
 3" CLEAR ON ALL REBAR

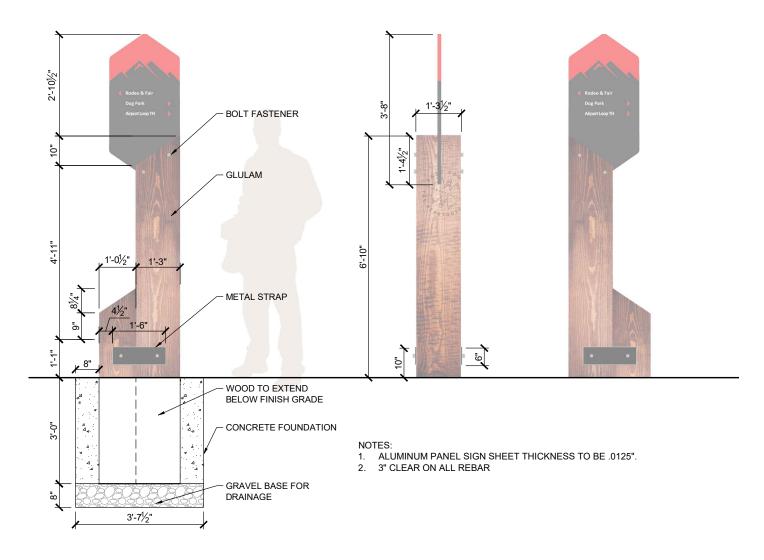
GATEWAY

1/2"=1'-0"

Pedestrian Directional

Signs will be located out of the highway right-of-way but on City side streets and at popular locations around Red Lodge. The sign schedule is not a complete list of potential signs, these design standards are intended to be duplicated at additional locations around town. See page 29 for additional iconography that may also be used on this sign type.





PEDESTRIAN DIRECTIONAL

1/2"=1'-0"

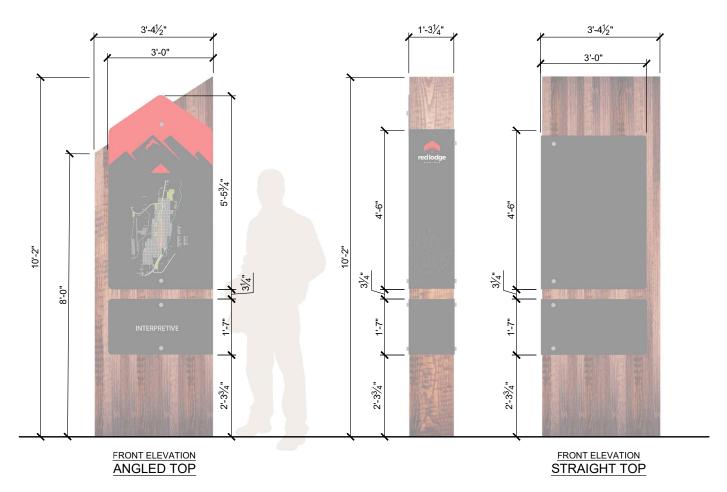
Information Kiosk

Signs will be located in primary locations visible to pedestrian traffic. The interpretive piece, as well as the events and happenings on the back, will be changed or updated as needed by the community. three locations for Information Kiosk are proposed in the sign schedules. Additional locations may include but are not limited to Creekside Park, Corner Park (NE corner of Diamond C links subdivision), and Highway 212 and Highway 78 multi-use trails









NOTES:

- ALUMINUM PANEL SIGN SHEET THICKNESS TO BE .0125". 3" CLEAR ON ALL REBAR

INFORMATION KIOSK

1/2"=1'-0"

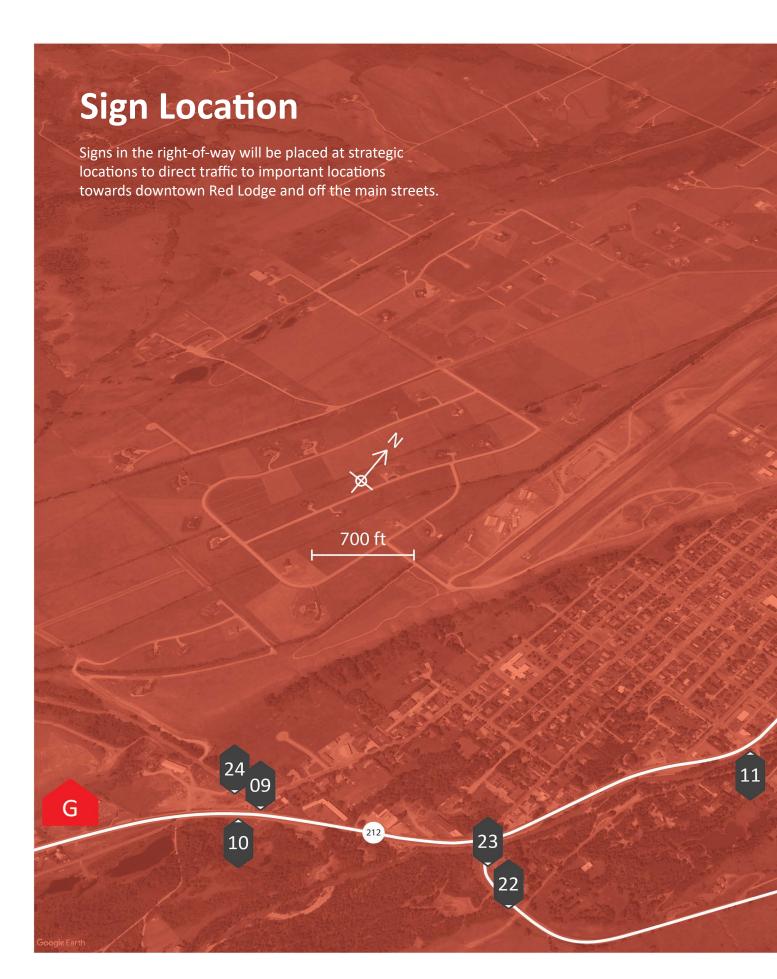
Sign Map

General location map on the Information Kiosk.



Sign Icons







Sign Schedule

Each sign will contain the content and direction as labeled below. Sign locations must be approved by the Montana Department of Transportation if located within the street right-of-way.

#	Type of Sign	Direction	Content	Driving Direction	Location Specifics	Notes	Photo
1	Roadway Directional (Words)	← ← ↑	Wildlife Sanctuary High School Visitor Center / Information	Southbound 212	New post before 2nd Street, between Jct 78 and End Center Land Only signs	Large sign	
2	Roadway Directional (Graphic)		Visitor Center / Information	Southbound 212	Off ROW on Visitor Center lawn	Large sign	
3	Roadway Directional (Words)	→ → → ↑	Public Restrooms EV Charging Arts Center Museum	Southbound 212	Existing street pole next to Bank of Red Lodge and before Oakes Ave N.	Small sign, 2-sided. Northbound side will only say Public Restrooms & Ev (Electric Vehicle) Charging	
4	Roadway Directional (Words)	← →	City Hall County Office	Southbound 212	Existing street pole at the corner of 11th Street, next to Wells Fargo	Small sign	
5	Roadway Directional (Words)	<i>→</i>	Post Office Civic Field	Southbound 212	existing street pole at the corner of 12th Street, next to Antique Mall	Small sign	
6	Roadway Directional (Graphic)	→	Public Parking / RV Parking	Southbound 212	Existing street pole at the corner of 13th Street	Small sign	
7	Roadway Directional (Words)	<i>→ → →</i>	Civic Center K-8 School City Pool	Southbound 212	Existing street pole before 14th Street	Small sign	
8	Roadway Directional (Words)	← mi ↑ mi ↑	Finn Park Ski Hill Forest Service	Southbound 212	Existing street pole before 17th Street, near Old Roosevelt	Small sign	
9	Roadway Directional (Words)	→ ↑	Ski Hill Forest Service	Southbound 212	Existing light pole at the intersection with West Fork Road	Small sign	

#	Type of Sign	Direction	Content	Driving Direction	Location Specifics	Notes	Photo
10	Roadway Directional (Words)	← mi ↑ mi ↑	Ski Hill Visitor Center / Information Downtown	Northbound 212	New pole before West Fork Road intersection, after the speed limit sign	Small sign	
11	Roadway Directional		Welcome to Historic Downtown Red Lodge	Northbound 212	Replace existing sign in ROW	Small or large sign	
12	Roadway Directional (Words)	← ← ← mi ↑	Civic Center K-8 School City Pool High School	Northbound 212	New or existing pole before 14th Street	Small sign	
13	Roadway Directional (Graphic)	←	Public Parking / RV Parking	Northbound 212	Replace existing parking/RV Parking signage before 13th Street	Small sign	
14	Roadway Directional (Words)	← ←	Post Office Civic Field	Northbound 212	Existing street pole at the corner of 12th Street.	Small sign	
15	Roadway Directional (Words)	→ ←	City Hall County Office	Northbound 212	Existing street pole at the corner of 11th Street, next to Pollard	Small sign	
16	Roadway Directional (Words)	← ←	Arts Center Lions Park	Northbound 212	Light post at the corner of 8th Street, next to Mas Taco	n Small sign	
17	Roadway Directional (Graphic)	↑	Visitor Center / Information	Northbound 212	Existing street pole between 7th and 6th Street, next to State Farm	Small sign	
18	Roadway Directional (Words)	→ → mi ↑ mi ↑	Wildlife Sanctuary High School Recycling Center Hospital	Northbound 212	Existing street pole before 2nd Street, after roundabout	Small sign	
19	Roadway Directional (Words)	mi ↑ mi ↑ mi ↑ mi ↑ mi ↑	Airport Rodeo & Fair Dog Park Nordic Skiing Golf Course	Westbound 78	New pole around the curve on 78, after Word Ave N.	Small or large sign	
20	Roadway Directional (Words)	← mi ↑ mi ↑ mi ↑	Golf Course Dog Park Rodeo & Fair Airport	Eastbound 78	New sign before Upper Continental Dr.	Large or small sign	

#	Type of Sign	Direction		Driving Direction		Notes	Photo
21	Roadway Directional (Words)	← ← mi → →	High School Wildlife Sanctuary Ski Hill Downtown	Eastbound 78	New pole after Hauser Ave N., before roundabout		
22	Roadway Directional (Words)	← ↑	Rotary Park Red Lodge Overlook	Eastbound 308	New pole before Park Ave	Small sign	
23	Roadway Directional (Words)	← mi → →	Ski Hill Visitor Center / Information Downtown	Westbound 308	Existing street pole before Hwy 212 signs	Small sign	
24	Roadway Directional (Words)	← mi ← →	Downtown Visitor Center / Information Forest Service	Eastbound West Fork	Road pole before intersection with Hwy 212	Large or small sign	
25	Roadway Directional (Words)	← → ←	Wildlife Sanctuary High School Coal Miner's Park	Eastbound 2nd Street	New pole at the end of 2nd Street, before intersection, to match design standards to replace existing signage when needed	Large or small sign	
G1	Gateway			Southbound 212	TBD, after completion of new roundabout near the Beartooth Billings Clinic		
G2	Gateway			Eastbound 78	TBD, After Willow Creek Road, before Upper Continental Drive and Golf Course	Out of ROW	
G3	Gateway			Westbound 308	At the first pull-off/overlook coming down the hill		
G4	Gateway			Northbound 212	On City Property southbound 212 side, but facing northbound 212, just past Pitcher Lane	Out of ROW	
K1	Informational Kiosk			Northbound 212	At the Rock Creek pull-out, across from Hauser Ave S.		
K2	Informational Kiosk			Southbound 212	2 options: (1) In Pride Park or (2) in front of Wells Fargo		

#	Type of Sign	Direction	Content	Driving Direction	Location Specifics	Notes	Photo
P1	Pedestrian Directional	\rightarrow	Dog Park	·	Rodeo Road, at Dog Park/TH		•
		\uparrow	Rodeo & Fair		entrance. Replace existing		
		\rightarrow	Airport Loop Trail Head		signage.		
P2	Pedestrian Directional	∠	15th Street		Airport Road, near path up the	!	
		\leftarrow	Dog Park		bench, near gazebo.		
		\rightarrow	Rodeo & Fair				
Р3	Pedestrian Directional		Coal Miner's Park		At entrance to Coal Miner's		
					Park, end of 2nd Street.		
					Replace existing signage.		
P4	Pedestrian Directional		Lions Park		Villard Ave and 8th Street		
P5	Pedestrian Directional		Field School Park		Villard Ave and 10th Street		
P6	Pedestrian Directional		Skateboard Park		Villard Ave and 10th Street		
P7	Pedestrian Directional		Recreation Field		12th Street and Word Ave		
P8	Pedestrian Directional		Finn Park		17th Street and Platt Ave		
P9	Pedestrian Directional		Rotary Park		Park Ave and Rock Creek		
P10	Pedestrian Directional		Golf Course/Spires Trail				
P11	Pedestrian Directional		Creekside Park/Corner Park		NE corner of Diamond C links s	subdivision	_
P12	Pedestrian Directional		Highway 78 multi use path		Highway 78 multi use path		
P13	Pedestrian Directional		Highway 121 multi use path		Highway 121 multi use path		

Cost Estimates

Sign	Cost Est.	
Sign wayfinding kiosk	COST EST.	-
construction cost	5,773	
installation	960	
contractor markup o and p	1,010	
professional services / permitting	542	
<u> </u>	8,285	each
small directional signs on existing light posts		
construction cost	1,368	
installation	960	
contractor markup o and p	349	
professional services / permitting	187	
	2,865	each
small directional signs on wood base		
construction cost	2,140	
installation	960	
contractor markup o and p	465	
professional services / permitting	250	
	3,815	each
entry monument sign		
construction cost	15,800	
contractor markup o and p	2,370	
professional services / permitting	1,272	
	19,442	each
large directional signs on MDT ROW approved break off wo	od posts	
construction cost	6,105	
installation	960	
contractor markup o and p	1,060	
professional services / permitting	569	
	8,693	each

Appendix