

SPECIAL PROVISIONS
for
Montana Fish, Wildlife & Parks
Big Arm Archery Project

PROJECT DESCRIPTION

The project consists of constructing an archery facility on State Owned property located west of the Big Arm State Park in Big Arm, MT. This includes decommissioning an existing Highway 93 approach, constructing a new driveway access and parking lot, 4" thick concrete sidewalk, a canopy shooting range structure, elevated wood frame shooting platform, pedestrian trail with (12) shooting stations, entrance gate, vault latrine, and storm improvements including a storm swale and related culverts.

Engineering and construction observation for this project will be provided by Jackola Engineering and Architecture, PC, of Kalispell.

GENERAL PROVISIONS

Work Hours: Work hours of 7 a.m. through 7 p.m. ^{7- days a week} ~~Monday through Friday~~ are acceptable on this project. The Contractor shall follow any and all Fire Danger restrictions in place and smoking outside the vehicle is not allowed.

Water for Construction: The Contractor shall be responsible for obtaining and hauling water required for completion of the work.

Temporary Facilities: Contractor may use Big Arm Sanitary Facilities but will be responsible for cleaning. Port-a-potties onsite are acceptable.

Utility Locate: Contractor is responsible for obtaining utility locates for the project by contacting Montana811.org or dialing 811.

Incidental Items: All items of work not specifically defined in the Measurement and Payment section of these Special Provisions, or not listed specifically in the Bid Schedule, will not be paid for separately but are to be considered incidental to and absorbed in other items of the contract.

Dust Control: The Contractor shall control dust produced during construction by limiting disturbed areas to the minimum needed, watering disturbed areas to minimize dust production, and otherwise employing best management practices associated with dust prevention / reduction. Dust control is incidental to other items.

Public Access and Safety: At all times, the Contractor shall conduct work so as to ensure to the greatest possible degree the uninterrupted convenience and safety of the general public and property owners adjacent to the work. The Contractor shall maintain access for property owners and emergency vehicles at all times, unless approved in writing, in which case the Contractor shall notify impacted citizens.

Safety Standards: The Contractor shall be solely and completely responsible for conditions of the jobsite, including the safety of all persons (including employees) and property during performance of the work. This requirement shall apply continuously and not be limited to normal working hours. Safety provisions shall conform to U.S. Department of Labor (OSHA), and all other applicable federal, state, county, and local laws, ordinances, codes, and regulations. Where any of these are in conflict, the more stringent requirement shall be followed. The Contractor's failure to thoroughly familiarize himself with the

aforementioned safety provisions shall not relieve him from compliance with the obligations and penalties set forth therein.

The Contractor shall develop and maintain, for the duration of this contract, a safety program that will effectively incorporate and implement all required safety provisions. The Contractor shall appoint an employee who is qualified and authorized to supervise and enforce compliance with the safety program.

The duty of the Engineer to conduct construction review of the work does not include review or approval of the adequacy of the Contractor's safety program, safety supervisor, or any safety measure taken in, on, or near the construction site.

Traffic Control: Traffic control is required when working within public road rights-of-way. The Contractor is responsible for creating and submitting a traffic control plan to FWP and MDT for approval. All traffic control is considered as incidental to other items of the project.

Use of Local Labor: The contractor is strongly encouraged to utilize local resources as much as possible for labor, equipment, and materials required on this project.

Staging Area: The Contractor shall make arrangements for a suitable staging area and provide appropriate security for stored equipment and materials. All staging is considered as incidental to the work.

Erosion Control: The Contractor shall be responsible for obtaining a SWPPP permit as required by State Law. The Contractor shall conduct work and maintain work area to minimize disturbance and storm water runoff. The Contractor shall employ best management practices for erosion control, maintaining and improving erosion control measures as necessary throughout the duration of the project until final vegetation is established. All erosion control on this project is considered incidental to other items. Refer to DEQ's website at <http://www/deq/mt.gov> for more information.

Submittals: The Contractor shall furnish shop drawings, equipment catalog cut sheets, and other similar information to the Engineer for review and approval of all equipment and materials proposed for use on this project prior to beginning work. Engineer will respond to submittals in writing indicating approval or changes required. Promptly correct and resubmit any submittals deemed unsatisfactory by the Engineer. Use of electronic submittals is encouraged unless specified otherwise.

Testing: The Contractor shall furnish required testing necessary for quality control. Furnish compaction testing for parking and building structure subgrade, structural fill, subbase, crushed subbase, backfill, and road repair as discussed later in these Special Provisions to assure constructed material layers are in accordance with specified compaction requirements. The Contractor shall furnish all test results to FWP and the Engineer. All contractor testing is considered as incidental to the work.

Record Drawings and Survey Data: The Contractor shall prepare and maintain drawings recording the constructed characteristics of all aspects of the work. Record drawings shall be of sufficient detail and accuracy to permit ready identification and location of all component parts and hidden or buried facilities.

The record drawings and survey data shall be made available to the Engineer at all times. This includes all field books, notes, and other data developed by the Contractor in performing surveys required as part of the work.

Upon completion of the work, a paper copy of all record drawings and survey data shall be transmitted to the Engineer and Owner.

Operation and Maintenance Information: A complete Operation and Maintenance Manual (O&M Manual) is required and will consist of site and building structure materials, finishes, and products. Two copies of the O&M Manual are required and must be submitted to the Engineer for review and approval. Once approved by the Engineer, a copy of the O&M Manual will be marked approved and provided to the owner.

The O&M Manual must follow Section 01700 in the Technical Specifications and must include the following minimum information: a directory listing names, addresses and telephone numbers of the Engineer, Contractor, Subcontractor, and Equipment/Product suppliers; and operations and maintenance instructions, arranged by system and including: routine operation and maintenance responsibilities/requirements (including manufacturer's maintenance recommendations) significant design criteria, a list of equipment, and parts list for each component.

Warranty: The Contractor shall warranty all materials and workmanship on this project in accordance with General Conditions.

STANDARD SPECIFICATIONS AND DRAWINGS

Specifications for this project shall follow the Montana Public Works Standard Specifications (MPWSS), 2021 (Seventh) Edition. Standard Specifications applicable to this project are listed at the beginning of the Technical Specifications, and amendments to referenced sections are included in the Project Manual. The full specification is provided in the MPWSS document.

PROJECT SCHEDULE AND SEQUENCE OF CONSTRUCTION

It is the Owner's intention to move forward with contract award and the start of construction as quickly as possible after the bid opening, pending funding and regulatory agency approval. The Contractor shall complete construction of this project within the time stipulated in the Agreement.

The Contractor shall conduct operations so as to maintain access to the Big Arm State Park and neighboring properties.

SUBSURFACE CONDITIONS

Test pits were dug as noted in the drawings. Differing soil conditions may exist throughout the construction limits. Cobbles and fractured bedrock are likely to be encountered but if blasting or rock hammer work is needed, it will be considered as an addition to the contract. Additional costs will be coordinated with the Owner and Engineer prior to completing the work. Groundwater is not expected to be an issue.

The Contractor shall conduct such additional investigations as may be necessary to obtain knowledge of subsurface conditions in order to properly submit a proposal for the work. The Contractor shall coordinate with FWP personnel or adjacent property owners (as appropriate) for permission prior to conducting any subsurface investigations. Cost of repairing the disturbance is the responsibility of the Contractor.

HAZARDOUS MATERIAL

No special reports have been compiled concerning hazardous materials potentially associated with the proposed work. Owner is not aware of any potential for hazardous materials within the Project area.

ENVIRONMENTAL REQUIREMENTS

The Contractor shall conduct work, maintain the work area, and perform cleanup to eliminate or minimize environmental disturbance and storm water runoff potential. The Contractor shall obtain a SWPPP for project disturbances equal to or exceeding 1 acre.

Regardless of the SWPPP requirement, the Contractor shall utilize best management practices for properly managing and controlling environmental disturbances including managing runoff from construction areas, controlling dust with daily watering, using stabilized (tracking pad) road entrances from work or staging areas, and implementing spill prevention and remediation measures for equipment storage and fueling areas. Environmental management work is considered incidental to other items.

If unforeseen cultural or historical resources are encountered during construction, the Contractor shall immediately halt excavation and notify the Owner who in turn will communicate with appropriate authorities to obtain further direction and guidance for avoidance or mitigation before proceeding with construction in that area.

PROJECT LIMITS AND PERMITS

The work for this project will be conducted within the MDT public right-of-way or State-owned properties. The Contractor shall be responsible for staying within the property limits, protecting adjacent properties, and restoring disturbed areas to existing or better condition.

The Contractor shall be responsible to abide by the provision of all permits and allow agency representatives access to the work area for inspection purposes. All work associated with disturbances beyond the description of pay items listed in these Special Provision is considered incidental to other items.

MATERIALS AND SUBSTITUTIONS

The Contractor shall follow the provisions of the General Conditions with respect to substitute and “or equal” items.

MEASUREMENT AND PAYMENT

Measurement and Payment in the Montana Public Works Standard Specifications for this project are hereby superseded by the following. **The Following items constitute the measurement and payment items to be used for this project. All costs in connection with the work, including, but not limited to, furnishing all materials, equipment, supplies, and appurtenances; providing all required construction support plants, equipment, and tools; and performing all necessary labor. Supervision, overhead, insurance and incidentals to fully complete the work, shall be included in the bid price. Work items required for completion of the project not specifically listed shall be incidental to the listed bid items.**

Payment for lump sum items will be made on a percentage of completion basis. See other related sections of the Special Provisions for further definition of the work required for each of the following pay items.

FWP BIG ARM ARCHERY: BASE BID

1. Mobilization and General Conditions: Payment for the work necessary to support the mobilization of construction efforts, will be made at the lump sum price indicated in the Bid Schedule. Payment is intended to include, but is not limited to:

- Mobilization of operating equipment and crew
 - Providing bonding, insurance, and submittals, as required and
 - Obtaining necessary permits, as required, and
 - Project management, inspections, testing, record drawings, Operation and Maintenance Manual.
2. Clearing and Grubbing: Payment for the work necessary for clearing and grubbing on the project will be made at the lump sum price indicated on the Bid Schedule. Payment is intended to include, but is not limited to:
- Clearing, grubbing, and site demolition to prepare the site free from all vegetation, brush, roots, stumps, grass, sod, organic and inorganic material, and other undesirable deleterious material within the construction limits
 - Load, transport, and legally dispose of excess materials as specified
 - Carefully salvage items indicated for re-use, and
 - All materials, labor, equipment, and incidental items necessary for the completion of this work as specified.
3. Demo Existing Approach: Payment for the work necessary to demo the existing approach will be made at the lump sum price indicated on the Bid Schedule. Payment is intended to include, but is not limited to:
- Saw cutting, removal, and proper disposal of existing asphalt
 - Removal and salvage of existing culvert as possible and proper disposal (as needed) of excess material generated by culvert removal
 - Grading of the foreslope and backslope to match existing
 - Providing traffic control where appropriate, and
 - All materials, labor, equipment, and incidental items necessary for the completion of this work as specified.
4. Excavation and Embankment: Payment for the work necessary for excavation and embankment will be made at the lump sum price indicated on the Bid Schedule. Payment is intended to include:
- Excavation, preparation of native subgrade, placing, compacting, and disposal of excess material encountered within the construction limits necessary to construct the project to lines and grades as noted in the drawings and specifications, and
 - All materials, labor, equipment, and incidental items necessary for the completion of this work as specified.
5. 12" CMP Culvert: Payment for installing the 12" CMP culvert will be made at the unit price per linear foot indicated on the Bid Schedule. Payment is intended to include, but is not limited to:
- Existing surface removal, proper disposal (as necessary), excavation, trench subgrade preparation, bedding, dewatering (as necessary), backfill, and compaction testing
 - Performing any necessary exploratory excavation
 - Furnishing and installing culvert materials, end-treatments, bedding, and rip-rap outlet pads

- Restoration of trench surface to preconstruction condition outside of gravel, paving, or seeding (which are paid for separately), and
 - All other related and necessary work for complete and functional culvert installations.
6. 18" CMP Culvert: Payment for installing the 18" CMP culvert will be made at the unit price per linear foot indicated on the Bid Schedule. Payment is intended to include, but is not limited to:
- Existing surface removal, proper disposal (as necessary), excavation, trench subgrade preparation, bedding, dewatering (as necessary), backfill, and compaction testing
 - Performing any necessary exploratory excavation
 - Furnishing and installing culvert materials, end-treatments, bedding, and rip-rap outlet pads
 - Restoration of trench surface to preconstruction condition outside of gravel, paving, or seeding (which are paid for separately), and
 - All other related and necessary work for complete and functional culvert installations.
7. 3" Minus Subbase: Payment for 3" minus subbase will be made at the unit price per cubic yard indicated on the Bid Schedule. Payment is intended to include:
- Furnishing, placing, grading, and compacting 3" minus subbase material as specified within plans and technical specifications
 - Material density testing and reporting, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
8. ¾" Crushed Base Course: Payment for ¾" crushed base course will be made at the unit price per cubic yard indicated on the Bid Schedule. Payment is intended to include:
- Furnishing, placing, grading, and compacting ¾" minus subbase material as specified within plans and technical specifications
 - Material density testing and reporting, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
9. 3" Asphalt Pavement – MDT Apron: Payment for the 3" thick MDT Apron asphalt pavement will be made at the unit price per square foot indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and installing asphalt pavement, bituminous material, and related materials necessary to place asphalt pavement to the dimensions, lines, thicknesses and grades shown on the plans or as directed by the Engineer
 - Material testing and reporting, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary to place, compact, finish and complete this work as specified.
10. Concrete wheel stop: Payment for concrete wheel stops will be made at the unit price per each as indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and placing concrete wheel stops in the locations shown on plans, and

- All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
11. Concrete Sidewalk: Payment for concrete sidewalk will be made at the unit price per square foot indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and installing Portland cement concrete, base course gravels, and related materials necessary to construct concrete sidewalks to the dimensions, lines, and grades shown on the plans, or as directed by the Engineer, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for forming, placing, jointing, stripping, finishing, curing, clean up, and completion of this work as specified.
12. Concrete ADA Parking & Striping: Payment for concrete ADA parking and striping will be made at the lump sum price indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and installing Portland cement concrete pavement, and related materials necessary to construct concrete ADA parking pad to the dimensions, lines, and grades shown on the plans
 - Furnishing and applying solid waterborne striping at locations and to specifications shown in contract documents, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for forming, placing, jointing, stripping, finishing, curing, clean up, and completion of this work as specified.
13. Signs: Payment for signs will be made at a per each price indicated on the Bid Schedule. Payment is intended to include:
- Furnishing the sign materials, assembling, and installing the sign as specified on plans, and
 - Reinstallation of the existing sign to be installed adjacent to the new driveway, and
 - All other related work necessary for a complete and workable project sign installation.
14. Entrance Gate & Fencing: Payment for the entrance gate will be made at the lump sum price indicated on the Bid Schedule. Payment is intended to include:
- Furnishing the gate materials, assembling, and installing the gate as specified on plans
 - Furnishing materials and installing H-bracing at existing fence terminations on each side of entrance gate
 - All other related work necessary for a complete and workable gate installation.
15. Electrical Service: Payment for the electrical service will be made at the lump sum price indicated on the Bid Schedule. Mission Valley Power fees have been paid by owner and are not included. Payment is intended to include:
- Providing state electrical permit to Mission Valley Power and coordinating with them for install
 - Existing surface removal, proper disposal (as necessary), excavation, trench subgrade preparation, bedding, dewatering (as necessary), backfill, and compaction testing where specified, and

- Performing any necessary exploratory excavation
 - Furnishing and installing conduit, fittings, meter base, and grounding as specified in contract documents
 - Restoration of trench surface to preconstruction condition outside of gravel, paving, or hydroseed surfacing (which are paid for separately)
 - Repairing fencing impacted during installation, and
 - All other related and necessary work for complete and workable electrical service installations.
16. Pedestrian Trail – Gravel (accessible): Payment for the gravel pedestrian trails will be made at the unit price per linear foot as indicated on the Bid Schedule. Payment is intended to include:
- Existing surface removal, proper disposal (as necessary), grading, and subgrade preparation
 - Furnishing, placing, grading, compacting, and testing $\frac{3}{4}$ " crushed base course, to the depths indicated on the drawings
 - Replacement of organics on cut/fill slopes, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
17. Pedestrian Trail – Earthen (non-accessible): Payment for earthen pedestrian trails will be made at the unit price per linear foot as indicated on the Bid Schedule. Payment is intended to include:
- Existing organic removal and replacement, excavation, and borrow as needed to grade trail as shown on plans, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
18. Shooting Target Trails: Payment for shooting target trails will be made at the unit price per linear foot as indicated on the Bid Schedule. Payment is intended to include:
- Existing organic removal and replacement, excavation, and borrow as needed to grade trail as shown on plans, and
 - Furnishing, placing, grading, compacting, and testing $\frac{3}{4}$ " crushed base course where indicated, to the depths indicated on the drawings, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
19. Shooting Station Pad: Payment for shooting station pads will be made at the unit price per each as indicated on the Bid Schedule. Payment is intended to include:
- Existing organic removal and replacement, excavation, and borrow as needed to create shooting pads as shown on plans, and
 - Furnishing, placing, grading, compacting, and testing $\frac{3}{4}$ " crushed base course where indicated, to the depths on the drawings, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.

20. Target Pad: Payment for target pads will be made at the unit price per each as indicated on the Bid Schedule. Payment is intended to include:
- Existing organic removal and replacement, excavation, and borrow as needed to create shooting pads as shown on plans, and
 - Furnishing, placing, grading, compacting, and testing $\frac{3}{4}$ " crushed base course where indicated, to the depths on the drawings, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
21. Place Boulders: Payment for placing boulders will be made at the unit price per each as indicated on the Bid Schedule. Payment is intended to include:
- Placement of boulders, quarried on site as part of excavation and embankment, as shown in plans, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
22. Topsoil and Re-seed: Payment for topsoil and re-seed required on the project will be made at the lump sum price indicated in the Bid Schedule. Payment is intended to include:
- Preparing finished grade, including removal of rocks larger than $1\frac{1}{2}$ " and deleterious material
 - Spreading approved seeding materials, mulch, and fertilizer, as needed, and
 - All other related work for complete and workable site revegetation in areas disturbed by construction.
23. Latrine: Payment for the vault latrine will be made at the lump sum price as indicated on the Bid Schedule. Payment is intended to include:
- Excavation, grading and compaction of subgrade, and
 - Furnishing, installation, grading, and compaction of gravel bedding
 - Furnishing, installation, and assembly of precast vault latrine
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
24. Shooting Range Structure: Payment for the shooting range structure will be made at the lump sum price as indicated on the Bid Schedule. Payment is intended to include:
- Excavation, subgrade preparation, concrete piers, foundations, and slabs, building materials including but not limited to the lumber, siding, fascia, roofing, overhead doors, structural hardware, screws, and nails necessary for construction of the structure, and
 - Furnishing all necessary labor and materials needed for construction of the shooting range structure as shown in plans, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary to complete this work as specified

25. Shooting Range Electrical: Payment for the shooting range electrical will be made at the lump sum price as indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and installing all electrical components of the shooting range structure as shown in plans and downstream of the electrical service including but not limited to the panel and breakers, secondary wiring, switches, outlets, and lights, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary to complete this work as specified

BID ALTERNATE 1 – PLATFORM SHOOTING STATION

1. Platform Shooting Station: Payment for the platform shooting station will be made at the lump sum price as indicated on the Bid Schedule. Payment is intended to include, but is not limited to:
- Furnishing all necessary materials needed for construction of the platform shooting station as shown in plans
 - Installing concrete foundation and framing structure, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary to complete this work as specified

BID ALTERNATE 2 – MAIN PARKING PAVEMENT & STRIPING

1. Main Parking Pavement: Payment for the main parking pavement will be made at the unit price per square foot indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and installing asphalt pavement, bituminous material, and related materials necessary to place asphalt pavement to the dimensions, lines, thicknesses and grades shown on the plans or as directed by the Engineer
 - Material testing and reporting, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary to place, compact, finish and complete this work as specified.
2. Parking Striping: Payment for the parking striping will be made at the lump sum price as indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and applying solid waterborne striping at locations and to specifications shown in contract documents, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for forming, placing, jointing, stripping, finishing, curing, clean up, and completion of this work as specified.

BID ALTERNATE 3 – OVERFLOW PARKING

1. Clearing and Grubbing: Payment for the work necessary for clearing and grubbing associated with the overflow parking will be made at the lump sum price indicated on the Bid Schedule. Payment is intended to include, but is not limited to:
- Clearing, grubbing, and site demolition to prepare the site free from all vegetation, brush, roots, stumps, grass, sod, organic and inorganic material, and other undesirable deleterious material within the construction limits

- Load, transport, and legally dispose of excess materials as specified
 - Carefully salvage items indicated for re-use, and
 - All materials, labor, equipment, and incidental items necessary for the completion of this work as specified.
2. Excavation and Embankment: Payment for the work necessary for excavation and embankment of the overflow parking will be made at the lump sum price indicated on the Bid Schedule. Payment is intended to include:
- Excavation, preparation of native subgrade, placing, compacting, and disposal of excess material encountered within the construction limits necessary to construct the project to lines and grades as noted in the drawings and specifications
 - Transporting of borrow material from the main parking, and
 - All materials, labor, equipment, and incidental items necessary for the completion of this work as specified.
3. 3" Minus Subbase: Payment for the 3" minus subbase will be made at the unit price per cubic yard indicated on the Bid Schedule. Payment is intended to include:
- Furnishing, placing, grading, and compacting 3" minus subbase material as specified within plans and technical specifications
 - Material density testing and reporting, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
4. ¾" Minus Crushed Base Course: Payment for ¾" crushed base course will be made at the unit price per cubic yard indicated on the Bid Schedule. Payment is intended to include:
- Furnishing, placing, grading, and compacting ¾" minus subbase material as specified within plans and technical specifications
 - Material density testing and reporting, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
5. Pedestrian Trail: Payment for earthen pedestrian trails will be made at the unit price per linear foot as indicated on the Bid Schedule. Payment is intended to include:
- Existing organic removal and replacement, excavation, and borrow as needed to grade trail as shown on plans, and
 - Furnishing, placing, grading, compacting, and testing ¾" crushed base course where indicated, to the depths on the drawings, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
6. Spread Topsoil and re-seed: Payment for Revegetation required as part of the overflow parking will be made at the lump sum price indicated in the Bid Schedule. Payment is intended to include:

- Preparing finished grade, including removal of rocks larger than 1 ½” and deleterious material
 - Spreading approved seeding materials, mulch, and fertilizer, as needed, and
 - All other related work for complete and workable site revegetation in areas disturbed by construction.
7. Place Boulders: Payment for placing boulders will be made at the unit price per each as indicated on the Bid Schedule. Payment is intended to include:
- Placement of boulders, relocated or quarried on site as part of excavation and embankment, as shown in plans, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary for the completion of this work as specified.
8. 12” CMP Culvert Payment for installing the 12” CMP culvert will be made at the unit price per linear foot indicated on the Bid Schedule. Payment is intended to include, but is not limited to:
- Existing surface removal, proper disposal (as necessary), excavation, trench subgrade preparation, bedding, dewatering (as necessary), backfill, and compaction testing
 - Performing any necessary exploratory excavation
 - Furnishing and installing culvert materials, end-treatments, bedding, and rip-rap outlet pads, and
 - Restoration of trench surface to preconstruction condition outside of gravel, paving, or hydroseed surfacing (which are paid for separately), and
 - All other related and necessary work for complete and functional culvert installation.

BID ALTERNATE 4

1. Overflow Parking Pavement: Payment for the overflow parking pavement will be made at the unit price per square foot indicated on the Bid Schedule. Payment is intended to include:
- Furnishing and installing asphalt pavement, bituminous material, and related materials necessary to place asphalt pavement to the dimensions, lines, thicknesses and grades shown on the plans or as directed by the Engineer
 - Material testing and reporting, and
 - All materials, labor, equipment, transport and hauling, and incidental items necessary to place, compact, finish and complete this work as specified.

TECHNICAL SPECIFICATIONS

Incorporation of Montana Public Works Technical Specifications.

The Technical Specifications as found in Montana Public Works Standard Specifications (MPWSS), Seventh Edition, April 2021, are hereby incorporated by reference and made a part of this Contract. The list below summarizes the sections relevant to this Contract. Documents without modifications, deletions, and/or additions are included by reference and not included in the bound manual. Modifications to MPWSS documents are provided in these specifications, as well as sections not covered by MPWSS.

SECTION 01300	Submittals
SECTION 01400	Contractor Quality Control and Owner Quality Assurance
SECTION 01500	Construction and Temporary Facilities
SECTION 01520	Construction Survey and Staking
SECTION 01700	Contract Closeout
SECTION 02112	Removal of Existing Pavement, Concrete Curb, Sidewalk, Driveway and/or Structures
SECTION 02114	Relocating or Removing Utility Poles, Street Signs and Mailboxes
SECTION 02221	Trench Excavation and Backfill for Pipelines & Appurtenant Structures
SECTION 02230	Street Excavation, Backfill and Compaction
SECTION 02234	Sub Base Course
SECTION 02235	Crushed Base Course
SECTION 02502	Asphalt Prime and/or Tack Coat
SECTION 02510	Asphalt Concrete Pavement
SECTION 02515	Portland Cement Concrete Pavement
SECTION 02529	Concrete Sidewalks, Driveways, Approaches, Curb Turn Fillets, Valley Gutters, and Miscellaneous New Concrete Construction
SECTION 02581	Pavement Markings and Markers (Pre-Formed Plastic, Paints, and Enamels)
SECTION 02725	Drainage Culverts
SECTION 02910	Seeding
SECTION 03210	Reinforcing Steel
SECTION 03310	Structural Concrete
SECTION 03410	Vault Latrine

NOTE: Measurement and Payment included in MPWSS technical specifications are superseded by the Bid Form of the Contract. All costs in connection with the work, including furnishing all materials, equipment, supplies and appurtenances; providing all required construction support plants, equipment, and tools; and performing all necessary labor. Supervision, overhead, insurance and incidentals to fully complete the work, shall be included in the bid price. Amounts shown on the “Bid” shall be the contract price.

SECTION 01300

SUBMITTALS

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART 1: GENERAL

1.1 CONSTRUCTION SCHEDULES

Delete sections A, B, and C and replace with the following:

- A. Provide the Owner and Engineer construction schedules as required in the General Conditions Section 3.10.

1.2 SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES:

Delete Section 1.2 in its entirety and replace with the following:

- A. Provide the Owner and Engineer with submittals as required in the General Conditions Section 3.12.

END OF SECTION

SECTION 01400

**CONTRACTOR QUALITY CONTROL AND
OWNER QUALITY ASSURANCE**

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 01500

CONSTRUCTION AND TEMPORARY FACILITIES

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART 1: GENERAL

1.5 IRRIGATION SYSTEMS

Delete Section in its entirety.

END OF SECTION

SECTION 01520

CONSTRUCTION SURVEY AND STAKING

PART 1: GENERAL

1.1 DESCRIPTION:

- A. Contractor is responsible for all layout and construction staking. This work will be performed under the direction of a Montana Licensed Land Surveyor. The work shall consist of furnishing qualified personnel and necessary equipment and material to survey, stake, calculate, and record data for the control of the work.

PART 2: PRODUCT --- NOT USED

PART 3 EXECUTION

3.1 GENERAL

- A. Existing survey monuments shall be preserved. Disruption of existing survey monuments shall be replaced under applicable Montana Law and performed at the Contractor's expense. Montana laws governing the practices of Land Surveying shall apply.
- B. Surveyor shall provide stakes at a maximum longitudinal spacing between stakes of 50 feet. Parking staking shall be provided using with hub and tack at 25 foot spacing between stakes and geometry points.
- C. Surveyor shall perform all surveying, staking, and recording of data essential for establishing the layout and control of the following, as applicable:
 - a. Approaches, Parking lots, and sidewalks
 - b. Signs, building, vault latrine, and shooting platform
 - c. Culvert(s)
 - d. Trail alignment centerline and finished grade at 50 foot spacing and major geometry points
 - e. Shooting and target stations

END OF SECTION

SECTION 01700

CONTRACT CLOSEOUT

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART I: GENERAL

1.1 CLEANUP

Modify A to read:

- A. Before Final Inspection (as outlined in the General Conditions) execute the following:

1.4 WARRANTIES AND BONDS

Modify A to read:

- A. Submit all warranty certificates, lien releases, and consent of security forms as required in the General Conditions.

END OF SECTION

SECTION 02112

**REMOVAL OF EXISTING PAVEMENT, CONCRETE CURB,
SIDEWALK, DRIVEWAY AND/OR STRUCTURES**

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 02114

**RELOCATING OR REMOVING UTILITY POLES,
STREET SIGNS AND MAILBOXES**

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 02221

TRENCH EXCAVATION AND BACKFILL FOR PIPELINES & APPURTENANT STRUCTURES

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART 1: GENERAL

1.4 TESTING

A. Field Density Testing

Add the following:

5. In-place field density tests for Contractor Quality Control are at contractor's expense meeting AASHTO T310 (ASTM D6938), Nuclear Densometer Methods. Contractor Quality Control field density testing frequency is one test per concrete or pavement crossing. The contractor shall provide copies of test results to the Engineer.

END OF SECTION

SECTION 02230

STREET EXCAVATION, BACKFILL AND COMPACTION

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART 1: GENERAL

1.3 DENSITY CONTROL TESTING

A. Field Density Testing

Add the following:

4. In-place field density tests for Contractor Quality Control are at Contactor's expense meeting AASHTO T310 (ASTM D6938), Nuclear Densometer Methods. Contractor Quality Control field density testing frequency is three (3) tests every 4,000 square feet per compacted lift.

B. Laboratory Maximum Density and Optimum Moisture

Replace this section with the following:

1. Quality Control tests will be made by the Contractor for each on-site natural soil or each source of off-site material, including borrow material, to determine the laboratory maximum density values and optimum compaction moisture content under AASHTO T99 or ASTM D698.

C. Material Submittals

Modify number 2 in this section to read:

2. Submit to the Engineer laboratory test results of soils and/or aggregates moisture-density relationship testing completed by the Contractor.

END OF SECTION

SECTION 02234

SUB BASE COURSE

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART 1: GENERAL

1.3 DENSITY CONTROL TESTING

A. Field Density Testing

Add the following:

4. In-place field density tests for Contractor Quality Control are at Contactor's expense meeting AASHTO T310 (ASTM D6938), Nuclear Densometer Methods. Contractor Quality Control field density testing frequency is three (3) tests every 4,000 square feet per compacted lift.

B. Laboratory Maximum Density and Optimum Moisture

Delete this entire section and replace with the following:

1. Quality control tests will be made by the Contractors independent testing laboratory to determine the laboratory maximum density values and optimum compaction moisture content under AASHTO T99 or ASTM D698.

END OF SECTION

SECTION 02235

CRUSHED BASE COURSE

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART 1: GENERAL

1.3 DENSITY CONTROL TESTING

A. Field Density Testing

Add the following to section A:

4. In-place field density tests for Contractor Quality Control are at the Contractor's expense meeting AASHTO T310 (ASTM D6938), Nuclear Densometer Methods. Contractor Quality Control field density testing frequency is three (3) tests every 4,000 square feet per compacted lift.

B. Laboratory Maximum Density and Optimum Moisture

Delete this entire section and replace with the following:

1. Quality control tests will be made by the Contractors independent testing laboratory to determine the laboratory maximum density values and optimum compaction moisture content under AASHTO T99 or ASTM D698.

END OF SECTION

SECTION 02502

ASPHALT PRIME AND/OR TACK COAT

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 02510

ASPHALT CONCRETE PAVEMENT

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

PART 3: EXECUTION

3.29 PAVEMENT AND MATERIAL TESTING REQUIREMENTS:

Delete part A of this section and replace with the following:

- A. The Contractor shall provide an independent laboratory to perform all testing required to determine the job specific target density for the bituminous mix (mix design). Contractor's testing agency will provide core samples of asphalt surface courses to check in place density and compacted depth. The cores are 4-inch (10 cm) diameter. Materials and acceptance tests may be made by the Owner's testing agency to determine the Contractor's compliance with the specifications. In the event the Owner elects to conduct tests, the Owner will select a testing laboratory that is different than that of the Contractor.

END OF SECTION

SECTION 02515

PORTLAND CEMENT CONCRETE PAVEMENT

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 02529

CONCRETE SIDEWALKS, DRIVEWAYS, APPROACHES, CURB TURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

The highway approach must follow the conditions listed in the approach permit, included herein as Exhibit A.

SECTION 02581

**PAVEMENT MARKINGS AND MARKERS
(PRE-FORMED PLASTIC, PAINTS AND ENAMELS)**

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 02725

DRAINAGE CULVERTS

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 02910

SEEDING

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 03210

REINFORCING STEEL

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 03310

STRUCTURAL CONCRETE

All applicable portions of this specification section in the **MPW Standard Specifications** shall apply with the following additions, deletions and/or modifications.

SECTION 03410

PRE-CAST CONCRETE VAULT LATRINE

Added Section.

PART 1 GENERAL

1.1 DESCRIPTION

- A. This work consists of site preparation (excavation and leveling) and backfilling and compaction for pre-cast concrete vault latrines at the designated area on the project drawings or as directed by the Engineer.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Pre-Cast Concrete Vault Latrine.
 - 1. The contractor will supply the precast vault latrine. Missoula Concrete Products “Aspen” model or an approved equal shall be used.
- B. Gravel Bedding for Latrine.
 - 1. See Subsection 02235

PART 3 EXECUTION

3.1 GENERAL

The latrine location shall be staked in the field by the Engineer. Refer to the project drawings for pre-cast concrete vault toilet installation locations, details, and dimensions.

3.2 EXCAVATION

Excavate for the installation of the toilet vault to a depth that will allow the structure site to be free draining after installation is completed. Salvage conserved topsoil.

3.3 FINISH FLOOR ELEVATION

Finish floor elevation shall be a minimum of 4 to 6 inches above natural grade measured at the front entrance.

3.4 COMPACTION OF EARTH UNDER TOILET VAULTS

Prior to installation of the toilet building, compact the natural ground underlying the vault with a minimum of three passes with a whacker-type mechanical tamper or equivalent approved by the Engineer.

3.5 INSTALLATION OF GRAVEL BEDDING UNDER TOILET VAULTS

Install 12 inches of compacted gravel bedding material for leveling course. Compact leveling course with one pass with a whacker-type mechanical tamper or equivalent approved by the Engineer. Grade level course so there will be no high spots in middle of vault bottom. Finished leveling course shall not vary more than 0.01 foot for the four corners of the vault.

3.6 BACKFILL AND DISPOSAL OF DEBRIS

Backfill around structures, including under exterior slab. Use excavated material for backfill except that rocks larger than six inches in maximum dimension shall not be placed within six inches of exterior of vault walls. Grade backfill material around vault to grades shown on plans accounting for the depth of topsoil or concrete. Dispose of excess material as necessary. Stumps, roots, brush, and other vegetation shall be removed from the site and disposed of in a legal manner by the contractor.

3.7 HIDDEN GROUND CONDITION

If the contractor uncovers bedrock, boulders too big to remove, ground water or other unexpected conditions, he shall immediately contact the Engineer for instructions.

3.8 TEMPORARY FENCING

A. All excavations left open overnight shall be fenced with polyethylene plastic safety fence, orange color, 48" high, and 4" maximum mesh openings. Fencing shall be secured to steel posts on the side away from the excavation unless otherwise approved in advance by the Engineer.

1. The bottom of the fence shall generally follow the contour of the ground.

2. Maximum spacing of the steel posts shall be ten feet.

B. No excavations will be left open more than seven days unless otherwise approved by the Engineer.

PART 4 MEASUREMENT AND PAYMENT

4.1 GENERAL

- A. Latrine furnishing and installation will be measured and paid for by the Lump Sum (LPSM) including all labor, equipment, materials, and incidentals required for the completion of the work.

END OF SECTION 03410



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State of Montana
Montana Department of Transportation
Driveway Approach Application and Permit

2701 Prospect Avenue
PO Box 201001
Helena, MT 59620-1001
Phone: (406) 444-7237
Fax (406) 444-0807
TTY: (406) 444-7696
www.mdt.mt.gov

To be filled in by Department of Transportation Personnel				Print Form
F.A. Route No: U.S. 93	Milepost: 74.5	Project: Polson - Elmo	Approach Station: 685+75 LT	
District: Missoula	County: Lake	Maint Section No: 1207		
Drainage as determined by Department of Transportation				
Type: 18" CMP	Size: 18"	Length: T.B.D.		
Sight Distance (feet):	Right: 1200+	Left: 1200+		
Approach Recommended by District Traffic Engineer or Traffic & Safety Bureau	Date	Approach Application Approved by District Administrator or Designee		Date 1/14/22
Access Control: <input type="radio"/> Yes <input type="radio"/> No	If Access Control is Yes:			Date
Approach Recommended by Access Manager, R/W Bureau				

APPLICANT (PROPERTY OWNER)

Name Montana Fish, Wildlife and Parks	Phone\Fax Number 406-841-4019			
Address 1522 E. 9th Ave	City Helena	State MT	Zip Code 59601	E-mail randi.rognlie@mt.gov

herein termed the applicant, requests permission to construct approach(es) described and shown on attached site plan or plan and profile and hereby made a part of this application

Use of Property or Facility: Other (Specify ->) Public Recreation

An environmental checklist must be filled out, signed and attached in order for this application to be considered complete.

[Link to Environmental Checklist](#)

Location			
City or Town: (If rural, direction & approx. distance from nearest city or town)	2.6 miles south of Elmo, MT		
Street Name, if any:	US Highway 93		
Roadway or Highway			
Surfacing	asphalt pavement	Width	36' (area includes a turn lane)
Approach			
Estimated number of trips per day:	20	Side of Roadway	W
Width:	24'	Flare:	24' 25'
Other Comments	The approach will be used more often during good weather so the trips per day would vary widely during the year.		



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State of Montana Montana Department of Transportation Driveway Approach Application and Permit

2701 Prospect Avenue
PO Box 201001
Helena, MT 59620-1001
Phone: (406) 444-7237
Fax (406) 444-0807
TTY: (406) 444-7696
www.mdt.mt.gov

(INSTRUCTIONS CONCERNING USE OF THIS FORM)

Applicant will complete and deliver this form in duplicate to the District Administrator serving the area in which the Approach Permit is requested.

The District Administrator, in conjunction with the District Traffic Engineer, is delegated authority to approve curb cuts, public and private approaches serving businesses, residences and agricultural uses in rural or urban areas without further consultation if the traffic conditions are not congested. In congested areas, usually urban situations, the District Administrator and District Traffic Engineer can request the Traffic and Safety Engineer in Helena for additional technical assistance. If this is necessary, the approach should be scaled onto existing plan and profile sheets showing the highway right-of-way and sent to Helena.

- APPROACH PERMIT -

Subject to the following terms and conditions, the permit applied for upon the reverse side hereof, is hereby granted:

- 1) **TERM.** This permit shall be in full force and effect from the date hereof until revoked as herein provided.
- 2) **REVOCATION.** This permit may be revoked by State upon giving thirty (30) days notice to Permittee by ordinary mail, directed to the address shown in the application hereto attached, but the State reserves the right to revoke this permit without giving said notice in the event Permittee breaks any of the conditions or terms set forth herein.
- 3) **COMMENCEMENT OF WORK.** No work shall be commenced until Permittee notifies the Department of Transportation when work is proposed to commence.
- 4) **CHANGES IN HIGHWAY.** If the State changes the highway, or there are other changes to adjoining streets, alleys, etc., which necessitate alterations in structures or installations installed under this permit, Permittee shall make the necessary alterations at Permittee's sole expense or in accordance with a separate agreement.
- 5) **STATE SAVED HARMLESS FROM CLAIMS.** In accepting this permit the Permittee, its/his successors or assigns, agree to protect the State and save it harmless from all claims, actions or damage of every kind and description which may accrue to, or be suffered by, any person or persons, corporations or property by reason of the performance of any such work, character of materials used, or manner of installations, maintenance and operation, or by the improper occupancy of said highway right of way, and in case any suit or action is brought against the State and arising out of, or by reason of, any of the above causes, the Permittee, its/his successors or assigns, will upon notice to it/him of the commencement of such action, defend the same at its/his sole cost and expense and satisfy any judgment which may be rendered against the State in any such suit or action.
- 6) **PROTECTION OF TRAFFIC.** Submit a traffic control plan for review and approval prior to any work being performed in MDT Right-of-Way. Traffic control must meet current MUTCD and MDT standards and guidance. The approval shall in no way operate to relieve or discharge the Permittee from any of the obligations assumed by acceptance of this permit, and especially those set forth under Section 6 thereof.
- 7) **HIGHWAY DRAINAGE.** If the work done under this permit interferes in any way with the drainage of the State Highway affected, Permittee shall, at its/his own expense, make such provisions as the State may direct to take care of said drainage.
- 8) **RUBBISH AND DEBRIS.** Permittee is responsible for debris that is carried onto the roadway by this construction with sweeping and cleaning done daily at permittee's expense. Upon completion of work contemplated under this permit, all rubbish and debris shall be immediately removed and the roadway and the roadside left in a neat and presentable condition satisfactory to the State.
- 9) **WORK TO BE SUPERVISED BY STATE.** All work contemplated under this permit shall be done under the supervision of and to the satisfaction of the authorized representative of the State, and the State hereby reserves the right to order the change of location or removal of any structure or installation authorized by this permit at any time, said changes or removal to be made at the sole expense of the permittee.
- 10) **STATE'S RIGHT NOT TO BE INTERFERED WITH.** All such changes, reconstructing or relocation shall be done by Permittee, in such a manner as will cause the least interference with any of the State's work, and the State shall in no way be liable for any damage to the Permittee by reason of any such work by the State, its agents, contractors or representatives, or by the exercise of any rights by the State upon the highways by the installations or structures placed under this permit.
- 11) **REMOVAL OF INSTALLATIONS OR STRUCTURES.** Unless waived by the State, upon termination of this permit, the Permittee shall remove the installations or structures contemplated by this permit and restore the premises to the condition existing at the time of entering upon the same under this permit, reasonable and ordinary wear and tear and damage by the elements, or by circumstances over which the Permittee has no control, excepted.
- 12) **MAINTENANCE AT EXPENSE OF PERMITTEE.** Permittee shall maintain, at its/his sole expense the installations and structures for which this permit is granted, in a condition satisfactory to the State.
- 13) **STATE NOT LIABLE FOR DAMAGE TO INSTALLATIONS.** In accepting this permit the Permittee agrees that any damage or injury done to said installations or structures by a contractor working for the State, or by any State employee engaged in construction, alteration, repair, maintenance or improvement of the State Highway, shall be at the sole expense of the Permittee.
- 14) **STATE TO BE REIMBURSED FOR REPAIRING ROADWAY.** Upon being billed therefor Permittee agrees to promptly reimburse State for any expense incurred in repairing surface or roadway due to settlement at installation, or for any other damage to roadway as a result of the work performed under this permit.
- 15) **OTHER CONDITIONS AND/OR REMARKS.**
 - a. All approach side slopes will preferably be constructed on 10 to 1 slope but not less than 6 to 1 slope, unless otherwise approved.
 - b. No private signs or devices etc., will be constructed or installed within the highway right-of-way limits.
 - c. This permit is valid only if approach construction is completed within specified months from date of issue. _____ Months
 - d. Prior to Starting work, for construction inspection and approval of completed approach contact _____
 - e. See attached addendum

Dated at: 12/15/2021

Agreement Date _____

The undersigned, the "Permittee" mentioned in the foregoing instrument, hereby accepts this permit, together with all of the terms and conditions set forth therein.

Ronnie Rogulic, Project Manager
Design Construction/MT FWP
Signed by Permittee

To be filled in by Department of Transportation Personnel	
_____	_____
Completed Approach Inspection By:	Date
_____	_____
Title:	



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Montana Department of Transportation Environmental Checklist

2701 Prospect Avenue
PO Box 201001
Helena, MT 59620-1001
Phone: (406) 444-7228
Fax (406) 444-7245
TTY: (406) 444-7696
www.mdt.mt.gov

(For MDT Use Only)

Date	Choose type of Environmental Checklist:
Dec 13, 2021	Approach Permit

Location

Highway or Route: U.S. 93	Milepost(s): 74.5
Physical Address: n.a. 2.6 miles south of Elmo	City: Elmo
Legal Description: A TRACT OF LAND, SITUATED, LYING	County: Lake
Township: 24N	Range: 21W
	Section(s): 32

Applicant Information:

Name: Randi Rognlie	Title: FWP, Project Manager
Company/Utility: Montana FWP Design and Construction	
Mailing Address: PO Box 200701	Phone: 406-841-4019
City: Helena	State: MT
Zip: 59620-0701	Business Phone: (406) 841-4004

Montana Environmental Checklist Help Guide (click button to view) [Guide](#)

Impact Questions Actions that qualify for Categorical Exclusion under MEPA and/or NEPA (See ARM 18.2.261 and 23 CFR 771.117) (See ARM 18.2.261 and 23 CFR 771.117)	Comment, Expl, and/or Information Source (Attach supporting information, as necessary.)
1 Will the proposed action impact any known historical or archaeological site(s)? <input type="radio"/> Yes <input checked="" type="radio"/> No	FWP has performed a cultural survey.
2 Will the proposed action impact any publicly owned parkland(s), recreation area(s), wildlife or waterfowl refuge(s)? <input checked="" type="radio"/> Yes <input type="radio"/> No	
3 Will the proposed action impact prime farmlands? (If yes, attach a completed Farmland Conversion Impact Rating Ad-1006.) <input type="radio"/> Yes <input checked="" type="radio"/> No	
4 a. Will the proposed action have an impact on the human environment that may result from relocations of persons or businesses, changes in traffic patterns, changes in grade, or other types of changes? <input type="radio"/> Yes <input checked="" type="radio"/> No	
b. Has the proposed action received any preliminary or final approval from the local land use authority? <input type="radio"/> Yes <input checked="" type="radio"/> No	
5 For the proposed action, is there documented controversy on environmental grounds? (For example, has the applicant received a letter of petition from an environmental organization?) <input type="radio"/> Yes <input checked="" type="radio"/> No	
6 Will the proposed action require work in, across or adjacent to a listed or proposed Wild or Scenic River? <input type="radio"/> Yes <input checked="" type="radio"/> No	
7 Will the proposed action require work in a Class I Air Shed or nonattainment area? <input type="radio"/> Yes <input checked="" type="radio"/> No	
8 Will the proposed action impact air quality or increase noise, even temporarily? <input type="radio"/> Yes <input checked="" type="radio"/> No	
9 a. Is the proposed project a MS4 Area? <input type="radio"/> Yes <input checked="" type="radio"/> No	
b. Will the proposed action have potential to affect water quality, wetlands, streams or other water bodies? If YES, an environment-related permit or authorization may be required. <input type="radio"/> Yes <input checked="" type="radio"/> No	
10 Are solid or hazardous wastes or petroleum products likely to be encountered? (For example, project occurs in or adjacent to Superfund sites, known spill areas, understorage tanks, or abandoned mines.) <input type="radio"/> Yes <input checked="" type="radio"/> No	
11 a. Are there any listed or candidate threatened or endangered species, or critical habitat in the vicinity of the proposed action? <input checked="" type="radio"/> Yes <input type="radio"/> No	Grizzly Bear, Canada Lynx
b. Will the proposed action adversely affect listed or candidate threatened or endangered species, or adversely modify critical habitat? <input type="radio"/> Yes <input checked="" type="radio"/> No	
12 Will the proposed action require an environmental-related permit or authorization? If the answer is "yes," please list the specific permits or authorizations. <input type="radio"/> Yes <input checked="" type="radio"/> No	
13 Is the proposed action within designated sage grouse habitat (https://sagegrouse.mt.gov/projects). (If yes, a consultation letter issued from the Montana Sage Grouse Habitat Conservation Program is required.) <input type="radio"/> Yes <input checked="" type="radio"/> No	
14 a. Is the proposed action on or within approximately 1 mile of an Indian Reservation? <input checked="" type="radio"/> Yes <input type="radio"/> No	
b. If "Yes", will a Tribal Water Permit be required? <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	
15 Will the proposed action result in increased traffic volumes, increased wait or delays on state highways, or have adverse impacts on other forms of transportation (rail, transit or air movements)? <input type="radio"/> Yes <input checked="" type="radio"/> No	



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Montana Department of Transportation Environmental Checklist

2701 Prospect Avenue
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Is the proposed action part of a project that may require other governmental permits, licenses or easements? If "Yes", describe the full extent of the project and any other permits, licenses or easements that may be necessary for the applicant to acquire. Yes No SWPP Permit for Construction

17 Attach a brief description of the work to be performed, including any subsurface work. Description Attached

18 Attach representative photos of the site(s) where the proposed action would be implemented. Photos are to include any structures, streams, irrigation canals, and/or potential wetlands in the project area. Photos Attached

19 Attach map(s) showing the location(s) of the proposed action(s); Section, Township, Range; highway or route number and approximate route post(s). Maps Attached

Checklist preparer:

Randi Rognlie

Title:

FWP, Project Manager

Date

Dec 13, 2021

Signature

Reviewed for completeness by:

MDT District Representative

Title

Date

Checklist Approved by:

Environmental Services Bureau

(When any of the items 1 through 16 are checked "Yes")

Title

Date

Transportation Planning

(When any of the items 15 or 16 are checked "Yes")

Title

Date

Checklist Conditions and Required Approvals

A. The applicant is not authorized to proceed with the proposed work until the checklist has been reviewed and approved, as necessary, and any requested conditions of approval have been incorporated.

B. Complete the checklist items 1 through 16, indicating "Yes" or "No" for each item. Include comments, explanations, information sources, and a description of the magnitude/importance of potential impacts in the right hand column. Attach additional and supporting information as needed. Ensure that information required for items 17, 18, and 19, is attached. The checklist preparer, by signing, certifies the accuracy of the information provided.

C. If "Yes" is indicated on any of the items, the Applicant must explain the impacts as applicable. Appropriate mitigation measures that will be taken to avoid, minimize, and/or mitigate adverse impacts must also be described. **Any proposed mitigation measures will become a condition of approval.** Use attachments if necessary. If the applicant checks "No" and the District concludes there may in fact be potential impacts, the Environmental Checklist must be forwarded to Transportation Planning for review and approval.

D. If "Yes" is indicated in item 11 a. (threatened or endangered species), the Applicant should provide information naming the particular species and the expected location, distribution and habitat use in the proposed action area, i.e. within the immediate area of the proposed action; or, in the general area on occasion (seasonally passes through) but does not nest, den or occupy the area for more than a few days.

E. If the applicant checks "Yes" for any item, the approach permit, occupancy agreement or permit, along with the checklist and supporting information, including the Applicant's mitigation proposal, documentation, evaluation and/or permits must be submitted to Transportation Planning. Electronic format is preferred.

F. When the applicant checks "Yes" to any item, the Applicant cannot be authorized to proceed with the proposed work until the MDT Environmental Services Bureau and/or Transportation Planning, as appropriate, reviews the information and signs the checklist.

G. Applicant must obtain all necessary permits or authorizations from other entities with jurisdiction prior to beginning the proposed action or activity. The Applicant is solely responsible for any environmental impacts incurred as a result of the project; obtaining any necessary environmental permits, notifications, and/or clearances; and ensuring compliance with environmental laws and regulations.

Attachment for MT Fish, Wildlife and Parks Approach
Big Arm Archery Range
US Hwy 93 MP 75.5

This attachment includes terms and conditions in addition to those listed on the back (page 2) of the approach permit form.

1. This permit is for one public access approach for a FWP Archery Range. Any further change of use will require a new permit. All other necessary permits for this project must be obtained by and are the responsibility of the permittee.
2. This approach must be installed directly across from and line up with another approach, Big Arm State Park. The completed approach must slope away from the highway for 25 feet minimum as per attachments. **Additional attachments will be included for approach construction requirements.**
3. This approach must include an 18” corrugated metal pipe culvert. End treatment style can be determined based on best culvert placement and distance from the shoulder line. See attached details for specific required design details and length. Ditch depth and slope grades will determine total culvert length.
4. The existing field access approach that is just south of the permitted location must be completely removed from the right of way within 30 days of completing the permitted approach.
5. Permittee or their contractors are required to locate and move or protect all utilities currently buried on MDT right of way. Repair of any damage caused by construction will be the responsibility of the permittee.
6. Permittee or their contractors are required to meet all signing and traffic control requirements while working on MDT right of way in accordance with MUTCD specifications. **A Traffic Control Plan must be submitted to and approved by MDT prior to start of construction.**
7. Permittee is responsible for any rocks, gravel or debris that is carried onto the roadway by this construction. Sweeping and cleaning will be done daily at the permittee’s expense.
8. The approach must be covered with a minimum of two inches of asphalt to the MDT property line, per provided details with the application.
9. After construction, MDT right of way must have topsoil spread on all disturbed slopes and be seeded with certified weed free seed. Permittee is responsible for ensuring a complete initial growth cover.

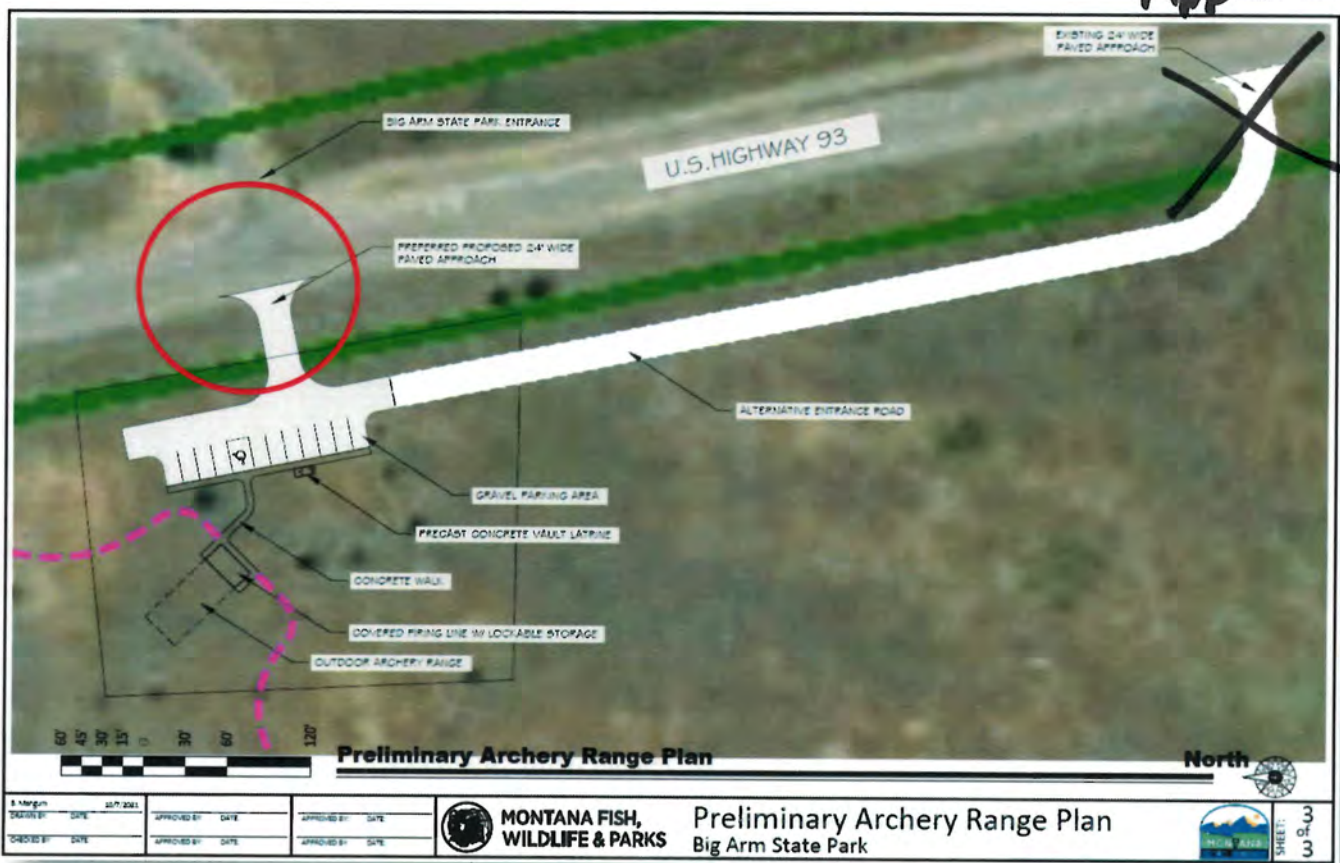
10. The permittee of this approach agrees to maintain this access in a safe and useable condition during all seasons. MDT will not assist in the construction of this approach or any future maintenance.
11. Parking or signage is not allowed on MDT right of way. Landscaping or beautification on r/w requires a separate encroachment permit.
12. For permit to be valid, all work must be completed, inspected and signed within six months. Contact the area supervisor Dave Newburn at 406-883-4240 for final inspection and approval signature. A request for a reasonable extension may be requested through Dennis Oliver, Maintenance Supt. in Kalispell at 406-751-2012.

#17: Brief Description of Work

Work will include the construction of a paved, 24'-wide drive approach from US Highway 93 southbound lane, directly across from the Big Arm Unit State Park entrance. The approach will serve improvements currently under design, to facilitate a new public Archery Range. The improvements, including the approach, will be designed by a consultant (yet to be selected), and let to public bid. A contractor will construct the approach with the other improvements, including a parking lot, sealed vault latrine, trails/targets and a covered shelter.

We look forward to input from the MDT regarding the size of the roadside culvert needed.

No 2nd Approach



Big Arm Unit, Flathead Lake State Park
 Archery Range Highway Approach
 MDT Approach Permit Environmental Checklist
 December 2021



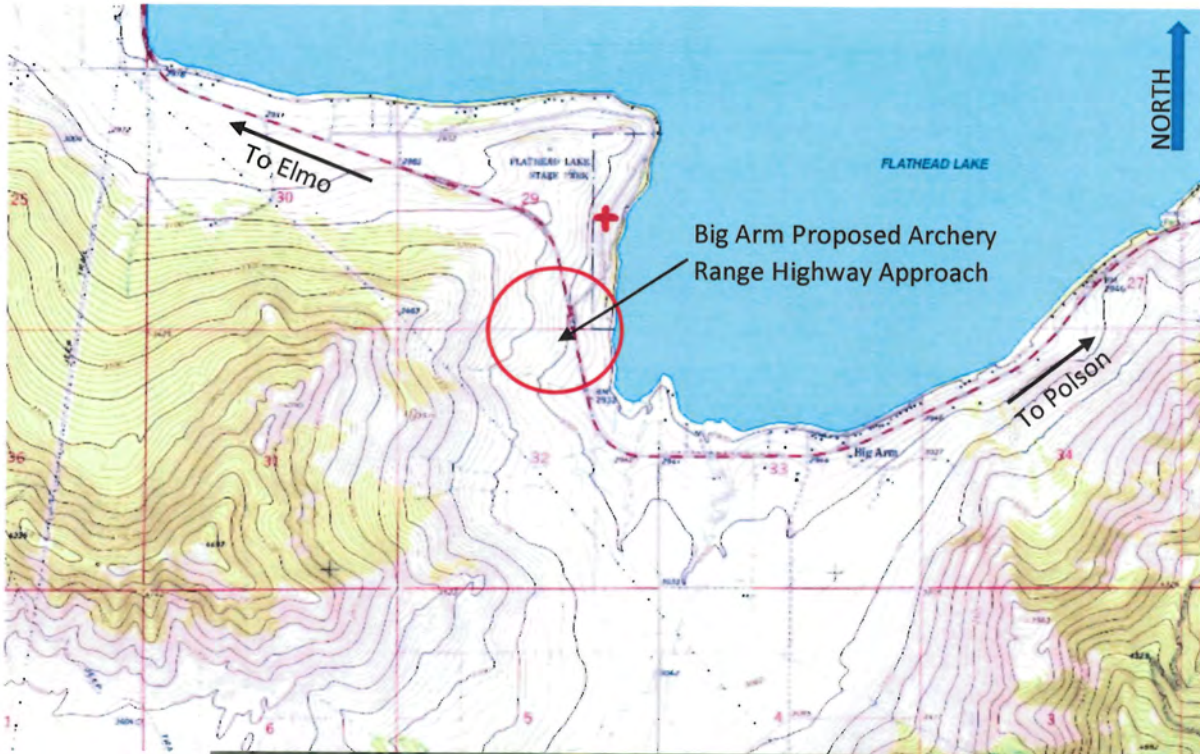
#18: Representative Photos of Area



Big Arm Unit, Flathead Lake State Park
Archery Range Highway Approach
MDT Approach Permit Environmental Checklist
December 2021



#19: Location Map of Approach Area



Proposed approach will be located on the west side of U.S. Highway 93, directly across from the Big Arm Unit State Park at mile marker 74.5. S 32, T24N, R21W, Lake County, MT



Big Arm Unit, Flathead Lake State Park
Archery Range Highway Approach
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