CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	Lincoln School Road Construction
Proposed Implementation Date:	August 1 2006 – August 1. 2016
Proponent:	Lincoln School and DNRC
Location:	Section 19, T14N, R8W
County:	Lewis and Clark

I. TYPE AND PURPOSE OF ACTION

The Lincoln School has an easement on state owned land in Section 19 to build a school and other necessary improvements. As part of the Cool Flat 4X4 Timber Sale contract, approximately 1320 feet of new road would be constructed for accessing the timber sale as well as the new school in the future. This road would then be improved at a later date by the Lincoln School with gravel and/or other surfacing. The road easement is 60 feet wide however approximately 40 feet will be cleared of trees and stumps at this time.

II. PROJECT DEVELOPMENT

1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

Provide a brief chronology of the scoping and ongoing involvement for this project.

This road is being constructed in the chosen location at the request of the Lincoln School, so they are aware of the proposed action Additionally, the Cool Flat 4X4 Timber Sale was scoped in October of 2004 and the environmental analysis was completed in July of 2005 on this same piece of state land as well as others. The timber sale involved the construction of new road as well. One comment was received on the project and it did not raise the issue of new road construction.

2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:

None

3. ALTERNATIVES CONSIDERED:

Alternative A – No Action The road would not be constructed at this time and the timber sale would utilize an existing two-track road in a different location to access the timber sale Eventually the school would construct the road since they have the right to do so.

Alternative B – Action. Approximately 1320 feet of road would be constructed and improved that would be utilized to access the timber sale and ultimately the new Lincoln School site.

III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.*
- *Enter "NONE" If no impacts are identified or the resource is not present.*

1. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations Identify any cumulative impacts to soils.

The road intersects an old depression that is approximately 4 feet deep and 15 feet wide at which location the depression would be filled by the Lincoln School to provide a good smooth, straight drivable surface. The

depression does not flow water or contain surface water and does not have wetland vegetation and therefore no adverse effects are expected to occur as a result of the proposed activities

5. **WATER QUALITY, QUANTITY AND DISTRIBUTION:**
Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards drinking water maximum contaminant levels, or degradation of water quality Identify cumulative effects to water resources

No negative effects are expected to occur as a result of the proposed project

6. **AIR QUALITY:**
What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.

Some slash piles would be created, and there would be some influence to local airsheds. Over 70% of the emissions emitted from prescribed burning is less than 2.5 microns (National Ambient Air Quality PM 2.5). High, short-term levels of PM 2 5 may be hazardous. Within the typical column of biomass burning, the chemical toxics are Formaldehyde, Acrolein, Acetaldehyde, 1.4 Butadiene, and Polycyclic Organic Matter

Federal state and local agencies enforce rules for open, controlled burning The burning of piled debris would produce particulate matter All burning would be conducted at times of adequate ventilation and within existing rules plans, and regulations. Air quality is analyzed by estimating emissions from prescribed burns. The air quality analysis area for the proposed action is located in Montana Airshed 6. The Montana Airshed Group is responsible for determining both airshed number and impact zones. The project area is not located in any of the impact zones

Cumulative effects to air quality would not exceed the levels defined by State of Montana Cooperative Smoke Management Plan (1988) and managed by the Montana Airshed Group. Prescribed burning by other nearby airshed cooperators (for example Plum Creek Timber Company) would have potential to affect air quality All cooperators currently operate under the same Airshed Group guidelines. The State, as a member, would burn only on approved days This should decrease the likelihood of additive cumulative effects.

7. **VEGETATION COVER, QUANTITY AND QUALITY:**
What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected Identify cumulative effects to vegetation.

The road surface and cleared areas would likely be permanently altered from timbered stands to road surface unless the plans for the school where abandoned or the easement were cancelled. Cumulatively, effects to the forested areas surrounding Lincoln are expected to be negligible.

8. **TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:**
Consider substantial habitat values and use of the area by wildlife, birds or fish Identify cumulative effects to fish and wildlife

Construction of the road is expected to have very little if any effects to the wildlife species that use the area, as living in and around Lincoln they are very adapted to roads and human activity

9. **UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:**
Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat

No negative effects are expected to occur as a result of the proposed project

10 HISTORICAL AND ARCHAEOLOGICAL SITES:

Identify and determine effects to historical archaeological or paleontological resources

No negative effects are expected to occur as a result of the proposed project.

11 AESTHETICS:

Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.

The road would have a noticeable change from a moderately forested look to a 40 foot wide swath through the trees with a new road surface in the middle of it This would me most noticeable driving by it at a ninety degree angle on Sucker Creek Road and looking straight at it from 4th Street as the new road would be an extension to 4th Street It would also be noticeable from several of the residences that are closest to the intersection of Sucker Creek Road and 4th Street Effects are expected to be low however, as the project is located on the edge of the town of Lincoln where development and paved streets are common.

12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:

Determine the amount of limited resources the project would require Identify other activities nearby that the project would affect Identify cumulative effects to environmental resources.

No negative effects are expected to occur as a result of the proposed project.

13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:

List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency

The Cool Flat 4X4 Timber Sale and the associated environmental analysis will take place on the same tract of land however no negative effects are expected to occur as a result of the proposed project.

IV. IMPACTS ON THE HUMAN POPULATION

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading*
- *Enter 'NONE' If no impacts are identified or the resource is not present*

14. HUMAN HEALTH AND SAFETY:

Identify any health and safety risks posed by the project

No negative effects are expected to occur as a result of the proposed project

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

Identify how the project would add to or alter these activities.

No negative effects are expected to occur as a result of the proposed project

16 QUANTITY AND DISTRIBUTION OF EMPLOYMENT:

Estimate the number of jobs the project would create, move or eliminate Identify cumulative effects to the employment market

No measurable effects are expected to occur as a result of the proposed project

17. LOCAL AND STATE TAX BASE AND TAX REVENUES:
Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.

No measurable effects are expected to occur as a result of the proposed project.

18. DEMAND FOR GOVERNMENT SERVICES:
Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services

No measurable effects are expected to occur as a result of the proposed project.

19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:
List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project

No measurable effects are expected to occur as a result of the proposed project.

20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:
Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.

No negative effects are expected to occur as a result of the proposed project.

21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:
Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing.

No measurable effects are expected to occur as a result of the proposed project.

22. SOCIAL STRUCTURES AND MORES:
Identify potential disruption of native or traditional lifestyles or communities.

No negative effects are expected to occur as a result of the proposed project.

23. CULTURAL UNIQUENESS AND DIVERSITY:
How would the action affect any unique quality of the area?

No negative effects are expected to occur as a result of the proposed project.

24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:
Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action

The profit from the trees removed is expected to equal the amount of development costs associated with constructing the road resulting in no net income to the trust, however improved future access to the tract would be a benefit.

EA Checklist Prepared By:	**Name:**	Steven B. Kamps	**Date:**	1/13/06
	Title:	Forest Management Specialist		

V. FINDING

25. ALTERNATIVE SELECTED:

I select Alternative B for implementation. Alternative B meets the project objectives while minimizing negative impacts of the management activities. It will construct a road that meets the project objectives and provides for access to this state parcel and the future Lincoln School. Alternative A would not accomplish these goals.

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

I find that the potential impacts of Alternative B are insignificant, and the associated resources are not likely to be negatively affected.

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

EIS		More Detailed EA	X	No Further Analysis

EA Checklist Approved By	Name:	Bill Cyr	
	Title:	Fire Forester	
Signature:	William L Cyr	Date:	1/17/06

CERTIFICATE OF SURVEY

PURPOSE (1) TO CREATE TWO 60 FOOT SCH[OOL] UTILITY EASEMENTS

(2) TO CREATE A PERPETUITY EASEMENT IN PUBLIC SCHOOL DISTRICT NO. 38

(3) TO CREATE THREE TRACTS OF LAND

FOR STATE OF MONTANA & LINCOLN PUBLIC SCHOOL 38

LEGAL DESCRIPTION TRACT A

A TRACT OF LAND LOCATED IN THE N1/2 NW1/4 OF SECTION 19, TOWNSHIP 14 NORTH, RANGE 8 WEST, P.M. MONTANA, LEWIS AND CLARK COUNTY; MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SECTION 19; THENCE S 89°17'15"E, 30.00 FEET ALONG THE NORTH LINE OF SECTION 19 TO THE POINT OF BEGINNING;
THENCE S 89°17'15"E, 518.39 FEET ALONG SAID LINE;
THENCE S 00°02'27"E, 995.92 FEET;
THENCE S 89°57'33"W, 301.06 FEET;
THENCE N 00°05'48"W, 201.08 FEET ALONG THE EASTERLY LINE OF TRACT 1, C.O.S. 446769/D;
THENCE S 89°56'50"W, 216.98 FEET ALONG THE NORTHERLY LINE OF SAID TRACT;
THENCE N 00°03'00"W, 711.69 FEET ALONG THE EASTERLY RIGHT-OF-WAY LINE OF LIVERPOOL SUCKER CREEK ROAD TO THE POINT OF BEGINNING. THE TRACT CONTAINS 9.82 ACRES, MORE OR LESS AND IS SUBJECT TO ALL EXISTING EASEMENTS AND AS SHOWN ON PLAT.

LEGAL DESCRIPTION TRACT B

A TRACT OF LAND LOCATED IN THE N1/2 NW1/4 OF SECTION 19, TOWNSHIP 14 NORTH, RANGE 8 WEST, P.M. MONTANA, LEWIS AND CLARK COUNTY; MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTH QUARTER CORNER OF SECTION 19;
THENCE S 00°07'25"E, 358.07 FEET ALONG THE NORTH-SOUTH MIDSECTION LINE OF SECTION 19;
THENCE S 77°20'53"W, 2025.03 FEET;
THENCE N 00°02'27"W, 826.17 FEET,
THENCE S 89°17'15"E, 1975.62 FEET ALONG THE NORTH LINE OF SECTION 19 TO THE POINT OF BEGINNING.
THE TRACT CONTAINS 26.86 ACRES, MORE OR LESS AND IS SUBJECT TO ALL EXISTING EASEMENTS AS SHOWN ON PLAT.

LEGAL DESCRIPTION
TRACT C

A TRACT OF LAND LOCATED IN THE N1/2 NW1/4 OF SECTION 19, TOWNSHIP 14 NORTH, RANGE 8 WEST, P.M. MONTANA, LEWIS AND CLARK COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 19; THENCE S 00°07'25"E, 358.07 FEET ALONG THE NORTH-SOUTH MIDSECTION LINE OF SECTION 19 TO THE POINT OF BEGINNING;
THENCE S 00°07'25"E, 307.32 FEET ALONG SAID LINE;
THENCE S 77°20'53"W, 2012.26 FEET ALONG THE NORTHERLY RIGHT-OF-WAY LINE OF MONTANA HIGHWAY 200;
THENCE ALONG A 5670.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN ARC LENGTH OF 13.21 FEET ALONG SAID LINE;
THENCE N 00°02'27"W, 307.40 FEET;
THENCE N 77°20'53"E, 2025.03 FEET TO THE POINT OF BEGINNING
THE TRACT CONTAINS 13.95 ACRES, MORE OR LESS AND IS SUBJECT TO ALL EXISTING EASEMENTS AND AS SHOWN ON PLAT.

CERTIFICATE OF APPROVAL

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE STATE OF MONTANA HEREBY CREATES ALL EASEMENTS AND TRACTS OF L[AND] SHOWN & DESCRIBED ON PLAT.

CERTIFICATE OF EXEMPTION

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE TRACTS OF LAND SHOWN ON THIS CERTIFICATE OF SURVEY ARE EXEMPT FROM THE SUBDIVISION & PLATTING ACT AND FOR PUBLIC USE ONLY, ALL IN ACCORDANCE WITH PROVISIONS OF SECTION 76-3-20[7]

OWNER: STATE OF MONTANA
DNRC: ARTHUR R. CLINCH

ON THIS _____ DAY OF _____, 199__, BEFORE ME A NOTARY PUBLIC FOR THE STATE OF MONTANA PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE WITHIN INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE OR SHE EXECUTED THE SAME.

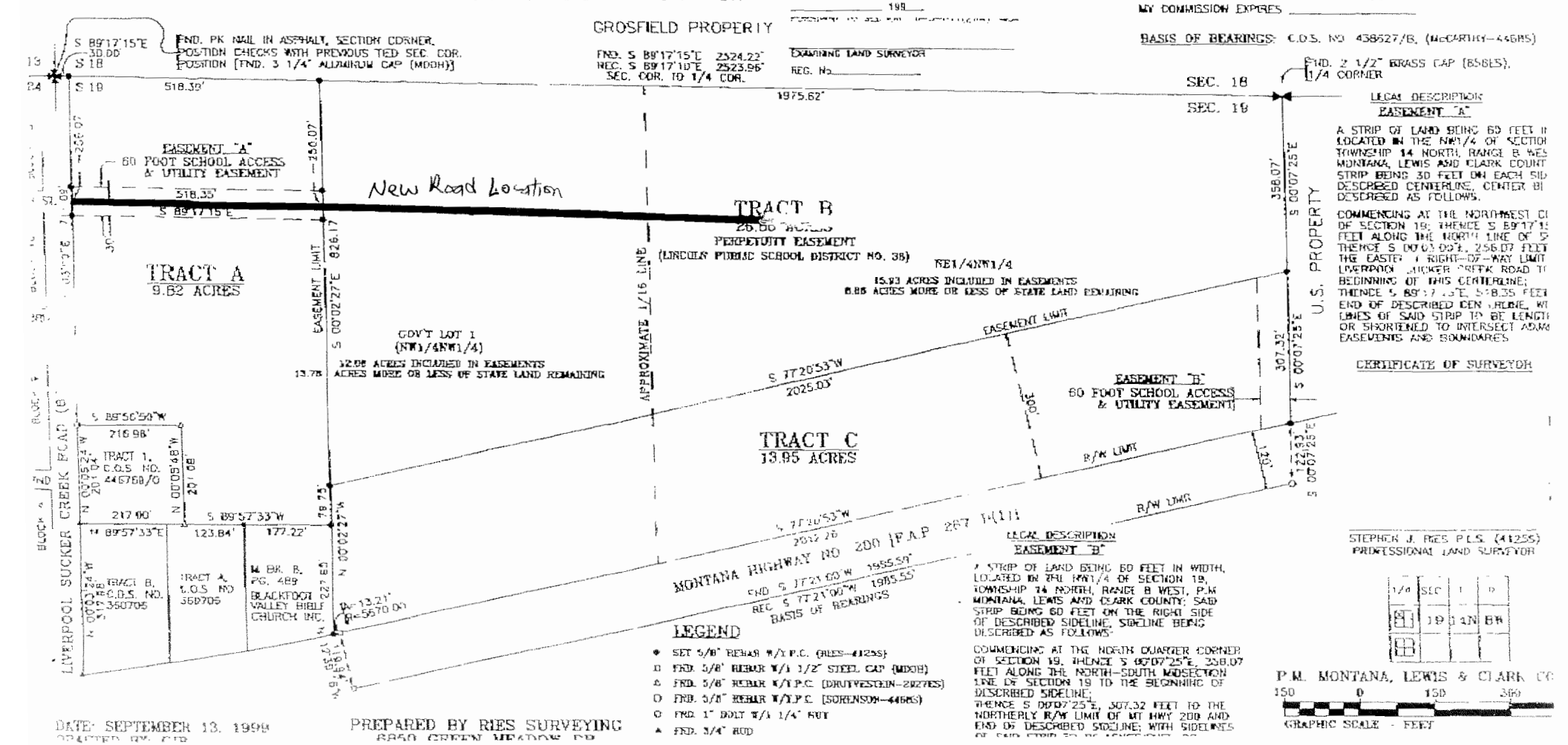
NOTARY PUBLIC FOR THE STATE OF MONTANA
RESIDING AT _____
MY COMMISSION EXPIRES _____

CERTIFICATE OF EXAMINING LAND SURVEYOR

REVIEWED FOR ERRORS AND OMISSIONS THIS _____ DAY OF _____, 199__

EXAMINING LAND SURVEYOR
REG. No.

BASIS OF BEARINGS: C.O.S. NO. 438527/B, (McCARTHY-44685)



LEGAL DESCRIPTION
EASEMENT "A"

A STRIP OF LAND BEING 60 FEET I[N WIDTH] LOCATED IN THE NW1/4 OF SECTION 19, TOWNSHIP 14 NORTH, RANGE 8 WEST, P.M. MONTANA, LEWIS AND CLARK COUNTY; SAID STRIP BEING 30 FEET ON EACH SIDE OF DESCRIBED CENTERLINE, CENTER BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SECTION 19; THENCE S 89°17'15"E, 30.00 FEET ALONG THE NORTH LINE OF SECTION 19; THENCE S 00°07'25"E, 256.07 FEET TO THE EASTERLY RIGHT-OF-WAY LIMIT OF LIVERPOOL SUCKER CREEK ROAD TO THE BEGINNING OF THIS CENTERLINE;
THENCE S 89°17'15"E, 518.35 FEET TO END OF DESCRIBED CENTERLINE, WITH SIDELINES OF SAID STRIP TO BE LENGTHENED OR SHORTENED TO INTERSECT ADJACENT EASEMENTS AND BOUNDARIES.

CERTIFICATE OF SURVEYOR

STEPHEN J. RIES P.L.S. (41255)
PROFESSIONAL LAND SURVEYOR

LEGAL DESCRIPTION
EASEMENT "B"

A STRIP OF LAND BEING 60 FEET IN WIDTH, LOCATED IN THE NW1/4 OF SECTION 19, TOWNSHIP 14 NORTH, RANGE 8 WEST, P.M. MONTANA, LEWIS AND CLARK COUNTY; SAID STRIP BEING 60 FEET ON THE RIGHT SIDE OF DESCRIBED SIDELINE, SIDELINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 19, THENCE S 00°07'25"E, 358.07 FEET ALONG THE NORTH-SOUTH MIDSECTION LINE OF SECTION 19 TO THE BEGINNING OF DESCRIBED SIDELINE;
THENCE S 00°07'25"E, 307.32 FEET TO THE NORTHERLY R/W LIMIT OF MT HWY 200 AND END OF DESCRIBED SIDELINE; WITH SIDELINES OF SAID STRIP TO BE LENGTHENED OR SHORTENED TO INTERSECT ADJACENT EASEMENTS AND BOUNDARIES.

P.M. MONTANA, LEWIS & CLARK CO

150 0 150 300
GRAPHIC SCALE - FEET

LEGEND

- ● SET 5/8" REBAR W/1 P.C. (RIES-41255)
- □ FND. 5/8" REBAR W/1 1/2" STEEL CAP (MDOH)
- △ FND. 5/8" REBAR W/1 P.C. (DRUTVESTEIN-21275)
- ○ FND. 5/8" REBAR W/1 P.C. (SORENSON-44685)
- ⊙ FND. 1" BOLT W/1 1/4" NUT
- ▲ FND. 3/4" BOD

DATE: SEPTEMBER 13, 1999

PREPARED BY RIES SURVEYING
6850 GREEN MEADOW DR