

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	Fiber optic cable
Proposed Implementation Date:	September 2016
Proponent:	Quest Corporation dba CenturyLink
Location:	Township 2S Range 7E Section 16
County:	Gallatin
Trust:	Common Schools

I. TYPE AND PURPOSE OF ACTION

CenturyLink would like to place a fiber optic cable across this state section in order to provide upgraded broadband services to the Kelly Canyon, Moffit Gulch, Jackson Creek, Quinn Creek, and Trial Creek areas. This project is designed to meet obligations of the F.C.C Connect America Fund phase two federal program for rural broadband deployment.

There is an existing fiber toll cable in the same location that cannot meet capacity.

II. PROJECT DEVELOPMENT

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

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

9/6/16 – Spoke with the lessee, after they dropped off the Settlement of Damages form.

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

None

3. ALTERNATIVES CONSIDERED:

Action: Process the applications for utility Right of Way Easements

No Action: Do not process the applications for utility Right of Way Easements

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.*

4. 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.

A short term soil disturbance will occur with the action alternative due to construction operations. Due to a fiber toll cable already in place, an equal amount of disturbance could occur if maintenance operations took place on the current lines. No adverse effects would be expected.

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.

The easements application is adjacent to a road with no adjacent water. Runoff could carry some sediment prior to revegetation. No long term adverse effect to run off or water quality would be expected.

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.

An increase in vehicle and/or heavy equipment use may occur in the area while construction operations occur. No long term adverse effects would be expected.

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.

Action Alternative: A short term disturbance will occur. Easement stipulations would include reseeding and weed management plan.

No Action Alternative: The easement for the current fiber cable allows for maintenance. The disturbance due to maintenance could be equal to the disturbance of the Action Alternative.

No long term changes would be expected.

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.

Vehicle and human activity may increase in the area while construction operations occur. No long term adverse effects to fish and wildlife would be expected under either alternative.

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.

The Montana Natural Heritage Program lists the Wolverine, Canada Lynx, Grizzly Bear, Golden Eagle, Veery, Evening Grosbeak, Peregrine Falcon, Cassin's Finch, Clark's Nutcracker, Green-tailed Towhee, Brewer's Sparrow, and Hooked Snowfly as species of concern for the township and range of the project area. No adverse effect would be expected with either alternative.

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

Identify and determine effects to historical, archaeological or paleontological resources.

A historical/archaeological site lead has been identified on the project section. The easement application does not affect this area.

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.

Action Alternative: a short term visual change will occur while work is in process.

No Action Alternative: a short term visual change could occur if work was being done on the existing fiber line easement.

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.

Neither alternative would require resources.

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.

None

IV. IMPACTS ON THE HUMAN POPULATION
<ul style="list-style-type: none">• <i>RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.</i>• <i>Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.</i>• <i>Enter "NONE" if no impacts are identified or the resource is not present.</i>

14. HUMAN HEALTH AND SAFETY:

Identify any health and safety risks posed by the project.

No effect under either alternative.

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

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

Action Alternative – Improved data transmission infrastructure would be available.

No Action Alternative – Data capacity infrastructure would not be improved.

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 effect under either alternative.

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 effect under either alternative.

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 effect under either alternative.

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.

None.

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 effect under either alternative.

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 effect under either alternative.

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

No effect under either alternative.

23. CULTURAL UNIQUENESS AND DIVERSITY:

How would the action affect any unique quality of the area?

No effect under either alternative.

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 determined value for a 2.474 acre easement on the parcel would be \$4700.60.

EA Checklist Prepared By:	Name: Katie Svoboda	Date: 9/20/16
	Title: Bozeman Unit Office Manager	

V. FINDING

25. ALTERNATIVE SELECTED:

Action: Process the applications for utility Right of Way Easements

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

I have determined that none of the anticipated environmental impacts outlined in the EA are significant according to the criteria outlined in *ARM 36.2.524*. I find that no impacts are regarded as severe, enduring, geographically widespread, or frequent. Further, I find that the quantity and quality of various resources, including any that may be considered unique or fragile, will not be adversely affected to a significant degree. I find no precedent for future actions that would cause significant impacts, and I find no conflict with local, State, or Federal laws, requirements, or formal plans. In summary, I find that the identified adverse impacts will be avoided, controlled, or mitigated by the design of the project to the extent that the impacts are not significant.

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

EIS

More Detailed EA

No Further Analysis

EA Checklist Approved By:	Name: Craig Campbell
	Title: Bozeman Unit Manager
Signature: Craig Campbell/s/	Date: 9/22/16