

**DEPARTMENT OF THE AIR FORCE
AIR COMBAT COMMAND
ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA (EAFB)**

CONSENT TO CROSS NUMBER: USAF-ACC-FXBM-15-2-0228

**CONSENT TO CROSS A U.S. GOVERNMENT EASEMENT FOR USE BY
THE CITY OF RAPID CITY
TO CROSS A WATERLINE EASEMENT**

KNOW ALL MEN BY THESE PRESENTS:

That the consent of the **UNITED STATES OF AMERICA** is hereby granted to the **CITY OF RAPID CITY**, an incorporated city organized and doing business under the laws of the State of South Dakota, with its principal office for this project being at the Engineering Division, 300 6th Street, Rapid City SD 57701-2724, hereinafter designated as “**Grantee**”, to construct, use, maintain, control, operate, and repair a sixteen inch (16-inch) water transmission main under the Ellsworth Air Force Base (EAFB) sixteen inch (16-inch) waterline in a fifty foot (50-foot) utility easement. Easement crossing is located 25 feet west of 143rd Avenue center line and 664.2 feet north of Seger Drive center line in the Southeast Quarter of the Southeast Quarter (SE1/4SE1/4) of Section 19, T2N, R8E for the City of Rapid City Country Road & 143rd Avenue Water Transmission Main Extension, as depicted on attached drawings (Exhibit A), hereinafter referred to as “structures”, across and over the lands where the United States of America has acquired a perpetual and assignable easement by the stated grantor on the date shown, designated as the following acquisition tract:

<u>TRACT NO:</u>	<u>NAME OF GRANTOR:</u>	<u>DATE ACQUIRED:</u>
D-404E-1	Clarence G. & Irene Montgomery	5 December 1955

The right-of-way for said structures for the purpose of this consent is specifically identified as a strip of land sixteen and one-half (16 1/2) feet in width as shown on Exhibit A - Page 1 (Ferber Engineering Company, Inc. Project Location Map); Exhibit A - Page 2 (Ferber Engineering Company, Inc. Construction Area Drawing); Exhibit A - Page 3 (Ferber Engineering Company, Inc. Project Overview Drawing); Exhibit A - Page 4 (Ferber Engineering Company, Inc. Plan & Profile Drawing); Exhibit A - Page 5 (Corps of Engineers Waterline Project Map); The permanent water line easement is a strip of land 50.00 feet in width situated in the Southeast Quarter of the Southeast Quarter (S1/4SE1/4) of Section Nineteen (19), Township Two (2) North, Range Eight (8) East of the Black Hills Meridian, Pennington County, South Dakota, and lying 25.00 feet on each side of the following described center line: Beginning at a point on the south line said Section 19, said point being South 89°51'00" East, 25.29 feet from the South Quarter corner of said Section 19; thence North 56°14'15" East for a distance of 877.16 feet; thence North 84°43'00" East for a distance of 1916.42 feet to a point on the East line of said Section 19, said point being North 0°03'00" West, 668.84 feet from the Southeast corner of said Section 19. The tract of land herein described contains 3.21 acres, more or less.

This consent is granted subject to the following conditions:

1. The City of Rapid City or their contractor will use a vacuum machine to pot hole and locate the EAFB 16-inch waterline before any digging commences. Digging shall be done by hand five (5) feet either side of the EAFB 16-inch waterline. The elevation of the waterline shall be measured and results submitted to EAFB before construction plans are finalized.

Potholing or Vacuum Excavation is a nondestructive, cost effective and accurate process used to safely locate underground utilities and typically used for, utility potholing and vertical excavation. Vacuum technology works by using high pressure water and/or high volume air to penetrate, expand, and break up the soil which is removed by a vacuum machine through a suction hose and deposited into a debris tank on the truck. Once the dirt slurry mixture is removed, the exact location of the utility is exposed. The location of the exposed utility is measured and mapped. Then the hole is backfilled and compacted. Quality backfilling is critical.

The sixteen inch (16-inch) water transmission main extension will be installed a minimum of eighteen (18) inches below the bottom of the EAFB 16-inch waterline. The 16-inch water transmission main shall be a continuous segment of pipe with no joints for ten feet (10 feet) on either side of the EAFB 16-inch waterline crossing. The EAFB 16-inch waterline will be supported during excavation to install the 16-inch water transmission main. The EAFB 16-inch waterline shall be protected from damage and movement while in the open excavation and during backfill. A flowable fill will be used between the 16-inch water transmission main and the EAFB 16-inch waterline in order to provide support to the EAFB 16-inch waterline when the backfill is compacted and to eliminate the potential for future settlement. The depth of the flowable fill shall extend from the bottom of the excavation to the spring line of the EAFB 16-inch waterline. Adequate structural support shall be provided for the water transmission main to prevent excessive deflection of joints and settling. Backfilling and compacting on top of the flowable fill shall not proceed until the in-place material has reached a minimum bearing strength of twenty (20) psi. Flowable fill shall have a twenty-eight (28) day compressive strength of between fifty (50) and one-hundred-fifty (150) PSI so as to be readily removable should repairs be necessary. When excavation is back filled and compacted, care will be taken as not to disturb and/or damage the EAFB 16-inch waterline. Hand placed initial backfill must be completed to a point at least one foot (1') above the top of the EAFB 16-inch waterline. All backfill above the EAFB 16-inch waterline shall be free from boulders, rocks, stones, or any material that might damage the EAFB 16-inch waterline. Flowable fill placed depths shall be limited to prevent displacement of EAFB pipe and shall not be placed upon frozen ground, snow or ice. Insulation will be installed over the EAFB 16-inch waterline if fill cover is less than five (5) feet. The easement existing contours will be reestablished to match the existing grade with the water transmission main or to have at least six feet of fill over the EAFB 16-inch waterline. The City of Rapid City will provided final construction plans and specifications to EAFB prior to awarding the project for construction and will be shown as Exhibit B attached hereto and made a part hereof. The newly installed public water transmission main shall be permanently marked with a utility sign placed at each point of intersection of the EAFB easement.

EAFB shall be given a five (5) day notice prior to construction and shall be offered the opportunity to verify the construction process. The City of Rapid City shall provide the Construction Area Design drawing to identify the work performed and location which is shown as Exhibit A.

If the EAFB 16-inch waterline or easement is damaged, the Air Force may revoke this consent to cross, in its sole discretion, and may immediately begin repairs to the waterline or easement as the Air Force deems necessary, with or without prior notification to the Grantee. The Air Force will notify the Grantee as soon as practicable about the damage or intent to make repairs. The cost of any repairs must be paid by the Grantee within 15 days of written notification. These remedies are not exclusive and may be in addition to any other remedies allowed by law.

2. It is understood that this consent is effective only insofar as to the property rights of the United States are concerned in the land to be occupied, and that it does not relieve the Grantee from the necessity of obtaining grants from the owners of the fee and/or other interests herein.

3. The proposed construction authorized herein shall not be commenced until appropriate rights have been obtained by the Grantee from the record owners and encumbrances of the fee title to the lands involved.

4. The exercise of the privileges hereby consented to shall be without cost or expense to the Department of the Air Force, under the general supervision and subject to the approval of the officer having immediate jurisdiction over the property, hereinafter referred to as "Installation Commander", and subject to such regulations as may be prescribed by the said officer, from time to time.

5. The Grantee shall supervise and maintain the said structures and cause them to be inspected at reasonable intervals, and shall immediately repair any damage found therein as a result of such inspection, or when requested by said officer to repair any defects. Upon completion of the installation of said structures or the making of any repairs thereto, the premises shall be restored immediately by the Grantee, at the Grantee's own expense, to the same condition as that in which they existed prior to the commencement of such work, to the satisfaction of said officer.

6. Any property of the United States damaged or destroyed by the Grantee incident to the exercise of the privileges herein granted shall be promptly repaired or replaced by the Grantee to the satisfaction of the said officer, or in lieu of such repair or replacement, the Grantee shall, if so required by the said officer and at his option, pay to the United States money in an amount sufficient to compensate for the loss sustained by the United States by reason or damage to or destruction of Government property.

7. The United States shall not be responsible for damages to property or injuries to persons which may arise from or be incident to the exercise of the privileges herein granted, or for damages to the property of the Grantee, or for damages to the property or injuries to the person of the Grantee, or the persons of Grantee's officers, agents, servants, or employees or others who may be on said premises at their invitation or the invitation of one arising from governmental activities on or in the vicinity of the said premises, and the Grantee shall hold the United States harmless from any and all such claims.

8. This consent is effective only as to the following rights of the United States in the lands hereinabove described: "The estate taken for said public uses is (a) "perpetual and assignable easement and right of way in, under, on, over and across 3.10 acres of land, more or less, described as Tract D-404E-1 etc., for the location, construction, operation, and maintenance of a water pipe line."

9. The United States shall in no case be liable for any damage or injuries to the construction here authorized which may be caused by any action of the Government, under the rights obtained in its easement, either hidden or known, or that may result from future operations undertaken by the Government and no claim or right to compensation shall accrue from such damage or injury, and if further operations of the United States require the alteration or removal of the structure herein authorized, the Grantee shall, upon due notice from the Installation Commander, alter or remove said structure without expense to the Government and subject to the supervision and approval of the officer having jurisdiction over the property and no claim for damages shall be made against the United States on account of such alterations or removal.

10. The construction and/or maintenance and use of said structures incident to the exercise of the privileges hereby granted shall be in such a manner as not to conflict with the rights of the government, nor to interfere with the operations by the Government under such rights, nor to endanger lives and safety of the public.

11. This consent may be terminated by the Installation Commander upon reasonable notice to the Grantee if the Installation Commander shall determine that installation to which consent is hereby granted interferes with the use of said land or any part thereof by the United States, and this consent may be annulled and forfeited by the declaration of the Installation Commander for failure to comply with any and all of the provisions and conditions of this consent, or for nonuse for a period of two years, or for abandonment.

12. Upon the relinquishment, termination, revocation, forfeiture or annulment of the consent herein granted, the Grantee shall vacate the premises, remove all property of the Grantee therefrom, and restore the premises to a condition satisfactory to the officers having immediate jurisdiction over the property. If the Grantee shall fail or neglect to remove said property and so restore the premises, then, at the option of the Installation Commander, the said property shall either become the property of the United States without compensation therefore, or the Installation Commander may cause it to be removed and the premises to be so restored at the expense of the Grantee, and no claim for damages against the United States, or expense of the Grantee, and no claim for damages against the United States, or its officers or agents, shall be created by or made on account of such removal and restoration.

13. The terms and conditions of this consent shall extend to and be binding upon the heirs, successors and assigns of the Grantee.

14. The Grantee within the limits of his respective legal powers shall comply with all Federal, interstate, state and/or local governmental regulations, conditions or instructions for the protection of the environment and all other matters as they relate to real property interests granted herein.

15. The Grantee shall not remove or disturb, or cause or permit to be removed or disturbed, any historical, archeological, architectural or other cultural artifacts, relics, vestiges, remains or objects of antiquity. In the event such items are discovered on the premises, the Grantee shall immediately notify the said officer, and the site and the material shall be protected by the Grantee from further disturbance until a professional examination of them can be made or until clearance to proceed is authorized by the Installation Commander.

16. An Environmental Baseline Survey (EBS) has been waived. The EBS waiver along with the AF Form 813 categorical exclusion for environmental impact analysis, is shown on Exhibit C attached hereto and made a part hereof.

17. Structure crossings are restricted to the established and coordinate points of intersection. A utility sign shall be placed at each point of intersection with the Government right-of-way.

18. The Grantee shall contact the Installation Real Estate Officer, 28th Civil Engineer Squadron/CEACR, 2125 Scott Drive, Ellsworth Air Force Base, South Dakota 57706; telephone number (605) 385-4804, a minimum of five (5) days prior to any excavation, construction, or maintenance within the Government easement area. All correspondence relating to this Consent shall be addressed to the above address.

19. Except as otherwise specifically provided, any reference herein to "Installation Commander" or "said officer" shall include their duly authorized representatives. Any reference to "Grantee" shall include assignees, transferees and their duly authorized representatives.

This consent is not subject to Title 10, United States Code, Section 2662.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of _____, 2015.

UNITED STATES AIR FORCE

KEVIN B. KENNEDY, Colonel, USAF
Commander, 28th Bomb Wing

The above License Number USAF-ACC-FXBM-14-2-0228 together with all its conditions and provisions thereof, is hereby accepted this _____ day of _____ 2015.

ATTEST:

CITY OF RAPID CITY

PAULINE SUMPTION, Finance Officer

SAM KOOIKER, Mayor

(SEAL)

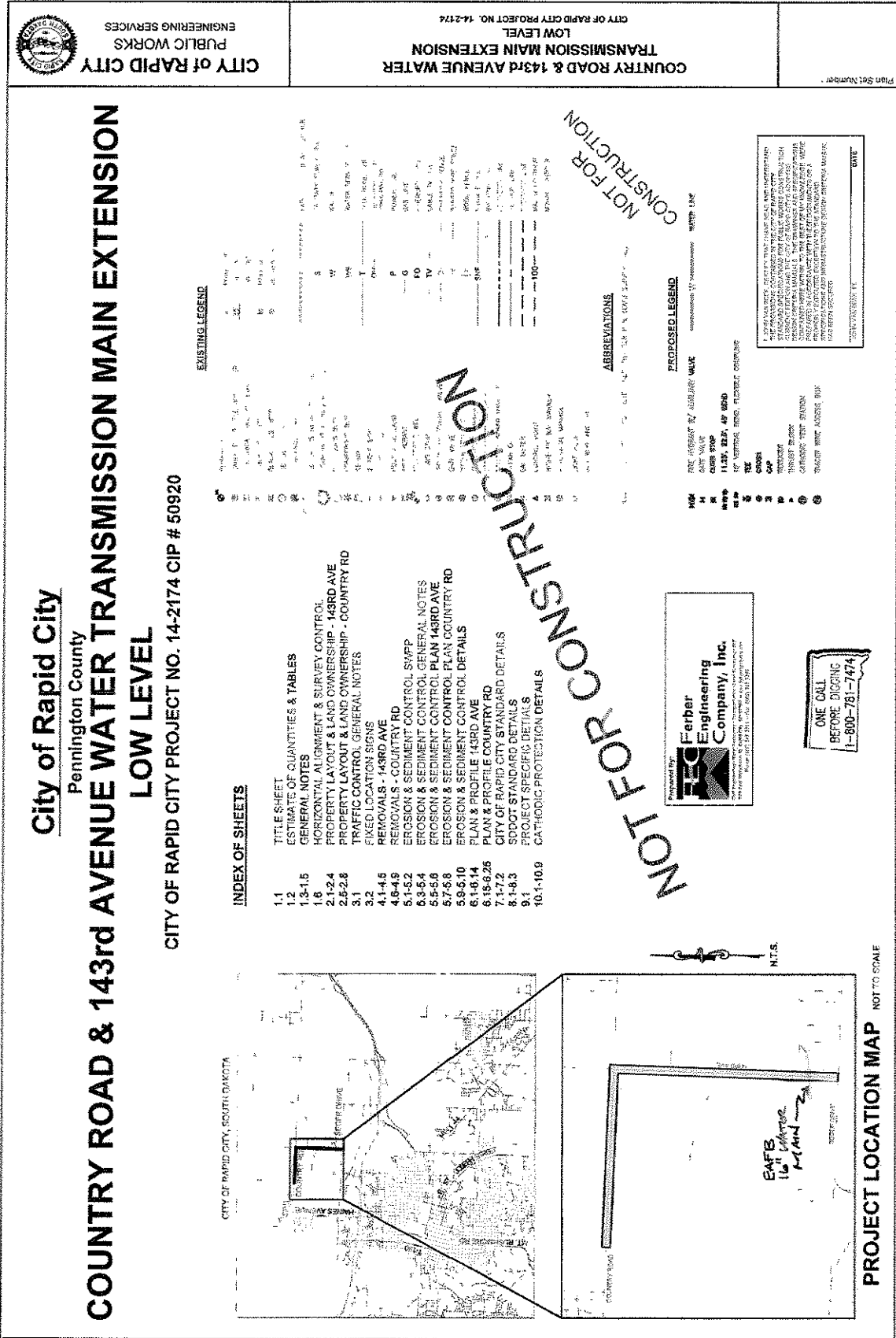


EXHIBIT A - Page 2 - Ferber Engineering Company, Inc. Construction Area Drawing

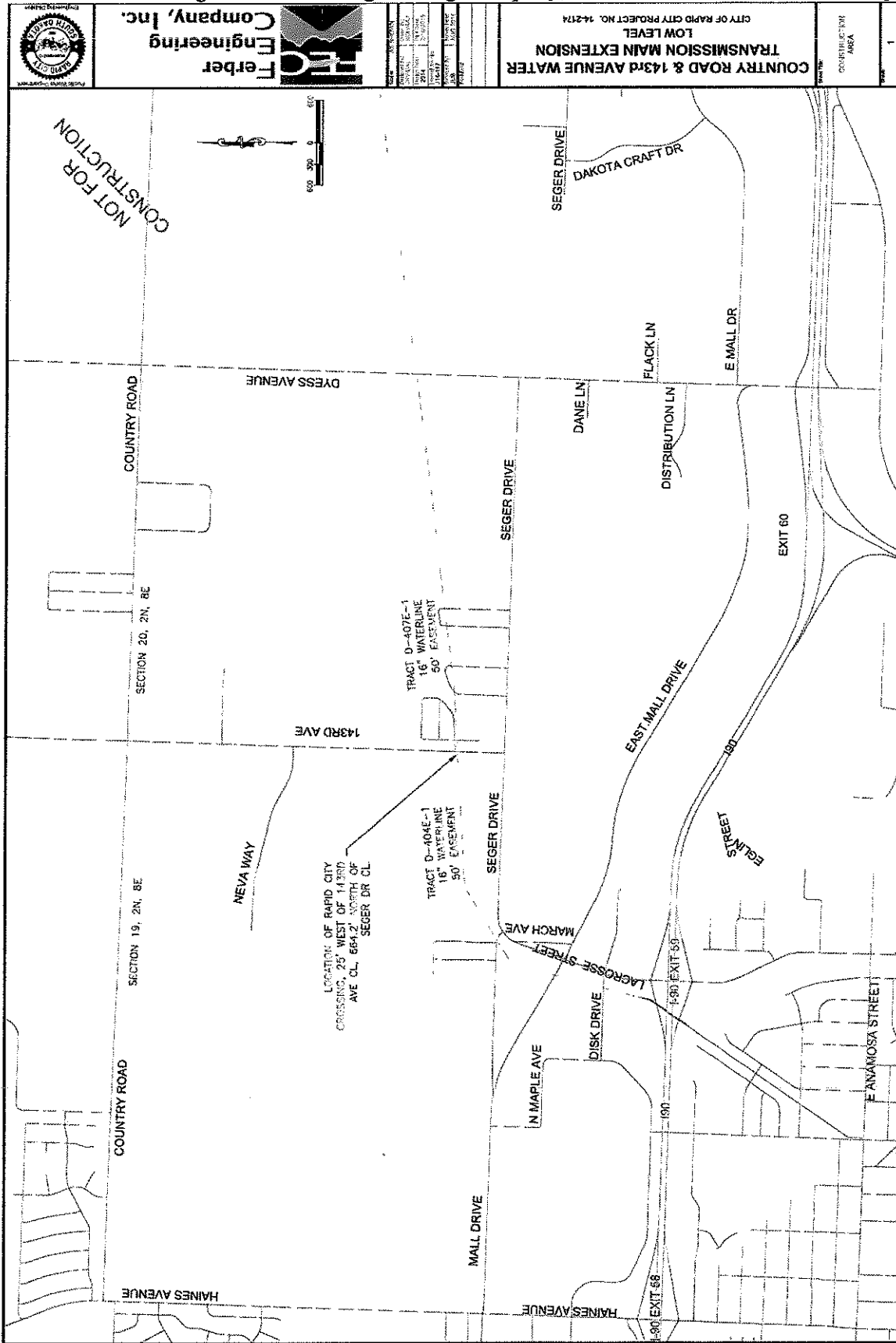
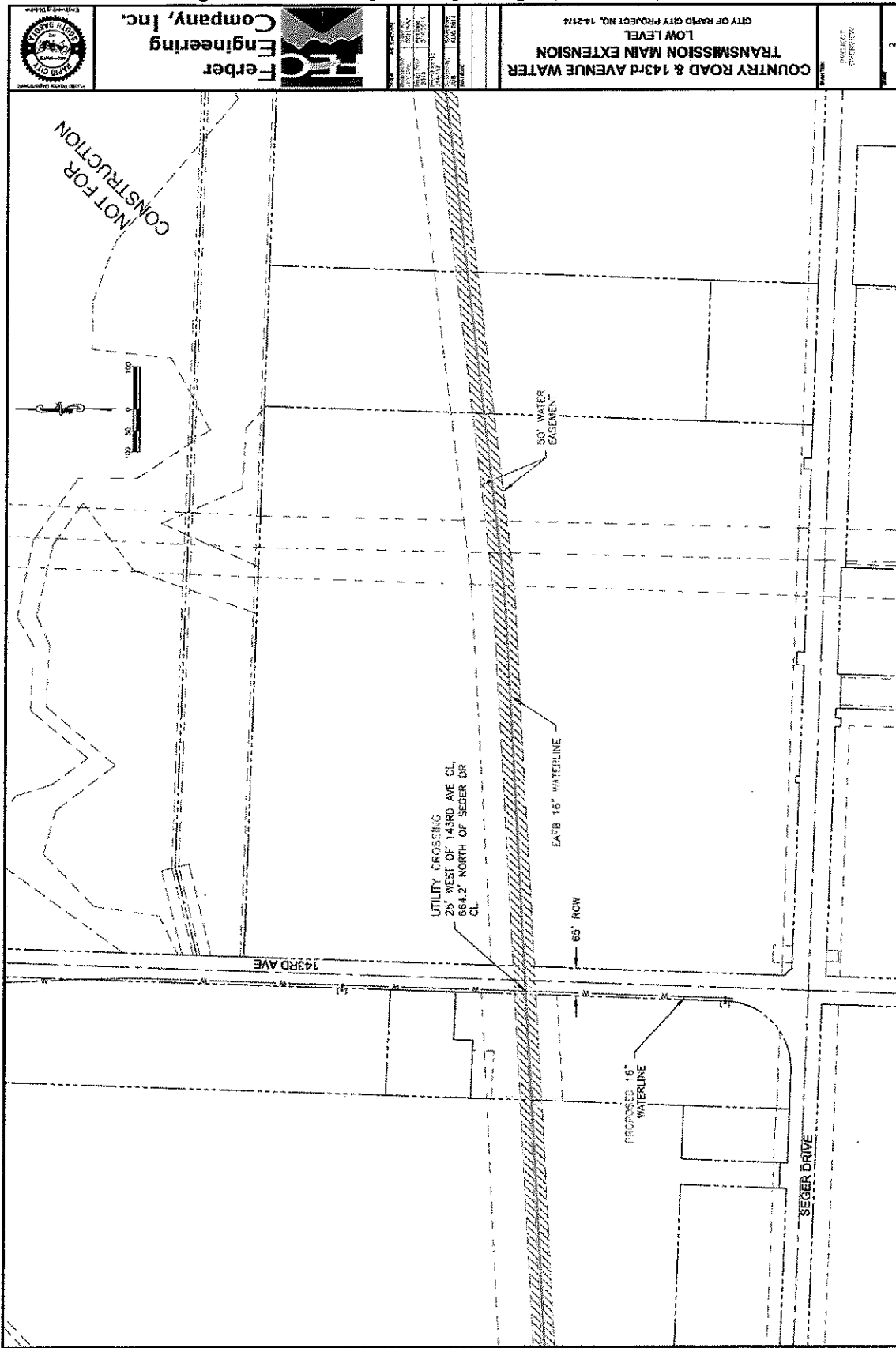


EXHIBIT A - Page 3 - Ferber Engineering Company, Inc. Project Overview Drawing



	Ferber Engineering Company, Inc.		DATE: 10/20/14 DRAWN BY: J. FERBER CHECKED BY: J. FERBER PROJECT NO.: 142174	PROJECT OVERVIEW 2
			CITY OF RAPID CITY PROJECT NO. 142174 LOW LEVEL TRANSMISSION MAIN EXTENSION COUNTRY ROAD & 143RD AVENUE WATER	

EXHIBIT A - Page 5 - Tract 404E-1-- Corps of Engineers Project Waterline Map

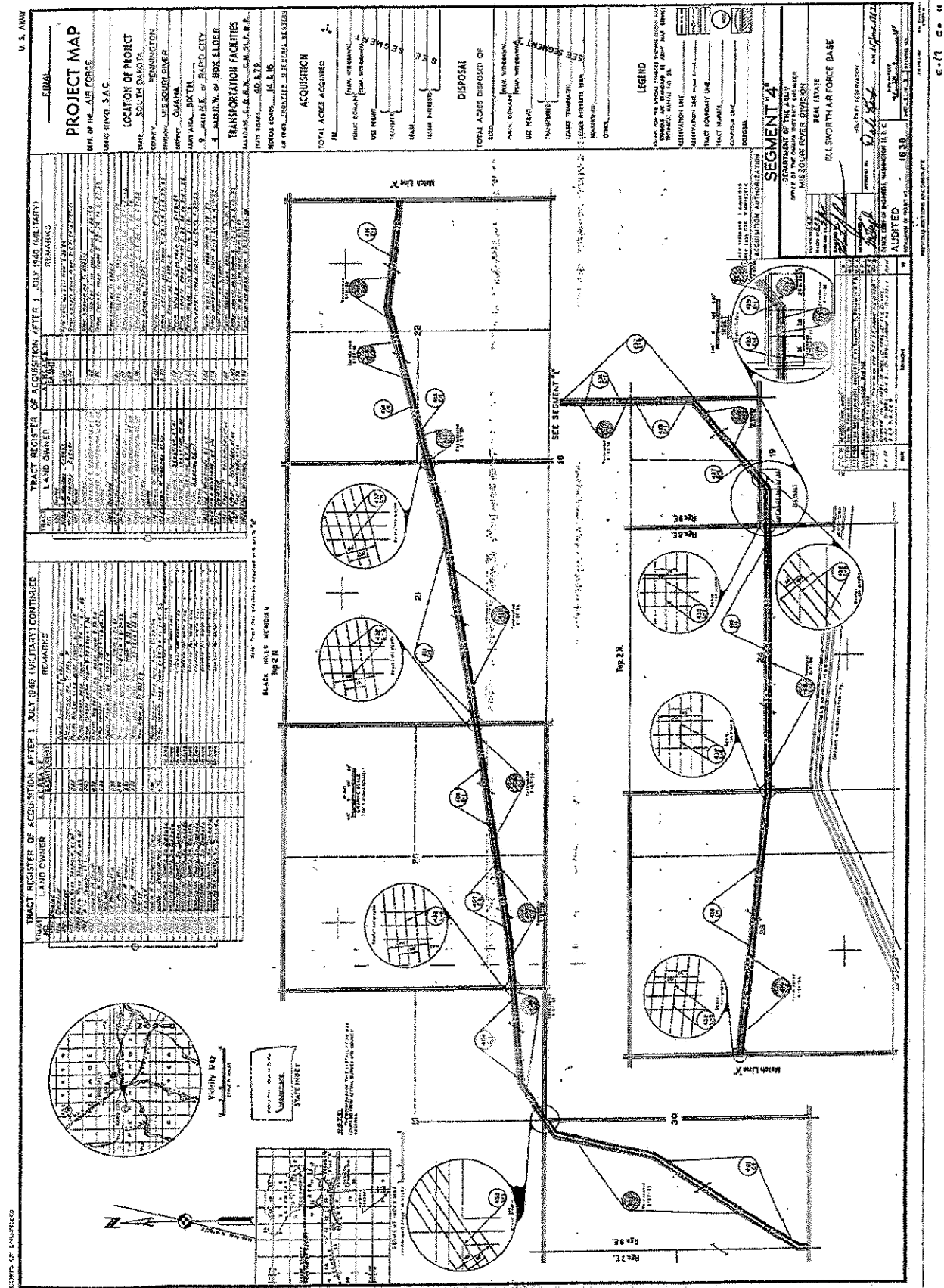




EXHIBIT C -- EBS waiver

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 28TH BOMB WING (ACC)
ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA

MAR 05 2015

MEMORANDUM FOR 28 CES/CEIE

FROM: 28 BW/CV

SUBJECT: Environmental Baseline Survey Waiver: City of Rapid City, Consent to Cross
Ellsworth AFB's 16" Waterline

1. The purpose of this memorandum is to waive the requirement of performing an Environmental Baseline Survey (EBS) according to AFI32-7066, Para 1.5, for the crossing of the 16" waterline at 143rd Avenue in Tract No. D-404E-1.

Grantor: US Air Force

Grantee: City of Rapid City

Instrument: Consent to Cross USAF-ACC-FXBM-15-2-0228

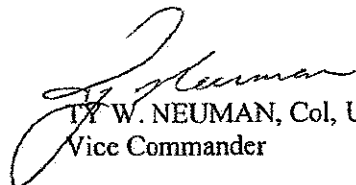
Purpose: Grant Consent to Cross Ellsworth AFB's 16" waterline permanent easement at 143rd Avenue.

Location: The Consent to Cross is located approximately twenty-five (25) feet west 143rd Avenue center line and 664.2 feet north of Seger Drive center line in the SE1/4 of the SE1/4 of Section 19, T2N, R8E, Pennington County.

2. After reviewing real estate records, site visits, review of base environment records, and review of the construction drawings for the crossing, there was no indication this action would introduce or become a source of contamination. The condition of the property will not create health and safety risks when used as intended.

3. The instrument is granted under the condition that no material alteration or change in physical condition will occur to the property, such that the Air Force could be deemed an owner or operator of the facility under the Comprehensive Environmental Response, Compensation, and Liability Act. The allowable activities will not introduce hazardous materials or petroleum products.

4. Should you have any questions or concerns, our point of contact is 2d Lt Corey R. DeGroot, 28th Civil Engineer Squadron, Installation Management Flight (28 CES/CEIE), at 385-6695.


W. NEUMAN, Col, USAF
Vice Commander

World Class Airmen – Expeditionary Combat Power – Anywhere on the Globe

EXHIBIT C – Page 1 - AF Form 813



REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS		<i>Report Control Symbol</i> RCS:			
INSTRUCTIONS: Section I to be completed by Proponent; Sections II and III to be completed by Environmental Planning Function. Continue on separate sheets as necessary. Reference appropriate item number(s).					
SECTION I - PROPONENT INFORMATION					
1. TO (Environmental Planning Function) 28 CES/CEANN		2. FROM (Proponent organization and functional address symbol) 28 CES/CEIHR	2a. TELEPHONE NO. 385-4808		
3. TITLE OF PROPOSED ACTION City of Rapid City Waterline Consent to Cross (No. USAF-ACC-FXBM-15-2-0228) the EAFB sixteen inch (16-inch) waterline.					
4. PURPOSE AND NEED FOR ACTION (Identify decision to be made and need date) The City of Rapid City needs to cross the Ellsworth AFB permanent 16-inch waterline easement with a sixteen inch (16-inch) water transmission main located at 143rd Avenue in the SE4SE4 of Sec. 19, T2N, R8E for the City of Rapid City Project.					
5. DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA) (Provide sufficient details for evaluation of the total action.) City of Rapid City needs to cross the Ellsworth AFB 16-inch waterline easement with a 16-inch water transmission main for use of existing and new property construction on the north side of the EAFB easement.					
6. PROPONENT APPROVAL (Name and Grade) RICH KAUK, GS-09		6a. SIGNATURE 	6b. DATE 20150317		
SECTION II - PRELIMINARY ENVIRONMENTAL SURVEY. (Check appropriate box and describe potential environmental effects including cumulative effects.) (+ = positive effect; 0 = no effect; - = adverse effect; U= unknown effect)					
7. AIR INSTALLATION COMPATIBLE USE ZONE/LAND USE (Noise, accident potential, encroachment, etc.)		+	0	-	U
8. AIR QUALITY (Emissions, attainment status, state implementation plan, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. WATER RESOURCES (Quality, quantity, source, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SAFETY AND OCCUPATIONAL HEALTH (Asbestos/radiation/chemical exposure, explosives safety quantity-distance, bird/wildlife aircraft hazard, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. HAZARDOUS MATERIALS/WASTE (Use/storage/generation, solid waste, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BIOLOGICAL RESOURCES (Wetlands/floodplains, threatened or endangered species, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. CULTURAL RESOURCES (Native American burial sites, archaeological, historical, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. GEOLOGY AND SOILS (Topography, minerals, geothermal, Installation Restoration Program, seismicity, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. SOCIOECONOMIC (Employment/population projections, school and local fiscal impacts, etc.)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. OTHER (Potential impacts not addressed above.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SECTION III - ENVIRONMENTAL ANALYSIS DETERMINATION					
17. <input checked="" type="checkbox"/> PROPOSED ACTION QUALIFIES FOR CATEGORICAL EXCLUSION (CATEX) # A2.3.19 ; OR <input type="checkbox"/> PROPOSED ACTION DOES NOT QUALIFY FOR A CATEX; FURTHER ENVIRONMENTAL ANALYSIS IS REQUIRED.					
18. REMARKS - Implementation of Preferred Alternative is categorically excluded under 32 CFR 989, para A2.3.19 - Granting easement, leases, license, rights of entry and permits to use Air Force controlled property for activities that if conducted by the Air Force could be categorically excluded; and A2.3.12 - Installing operating, and repairing utility systems. - This action is exempt from the general conformity rule under the Clean Air Act because Ellsworth AFB is located in an attainment area for all criteria pollutants. - No negative cumulative impacts will occur as a result of implementing the Preferred Alternative.					
19. ENVIRONMENTAL PLANNING FUNCTION CERTIFICATION (Name and Grade) COREY R. DEGROOT, 2D LT, USAF		19a. SIGNATURE 		19b. DATE 20150317	

EXHIBIT C – Page 2 - AF Form 813

AF IMT 813, SEP 99, CONTINUATION SHEET

Proposed Action: Negotiate, process, and execute a consent to cross (Consent to Cross Number USAF-ACC-FXBM-15-2-0228) with the City of Rapid City. The City of Rapid City requests a Consent to Cross the Ellsworth AFB sixteen inch (16-inch) waterline permanent easement with a sixteen inch (16-inch) water transmission main located at 143rd Avenue north of Interstate 90 in the Southeast Quarter (SE1/4) of the Southeast Quarter (SE1/4) of Section 19, T2N, R8E for the City of Rapid City Country Road & 143rd Avenue Water Transmission Main Project extension. Easement crossing is located twenty-five (25) feet west of 143rd Avenue centerline and 664.2 feet north of Seger Drive center line in the Southeast Quarter of the Southeast Quarter (SE1/4SE1/4) of Section 19, T2N, R8E, as depicted on attached drawings of the consent to cross. The construction drawings for this crossing have been reviewed and the design is sufficient to protect our waterline.

Alternatives:

No Action: Do not entertain the request for the consent to cross. The City of Rapid City needs to cross under the waterline to facilitate use of existing and new property development along 143rd Avenue on the north side of the EAFB 16-inch water line easement.

Action: Must avoid wetlands and floodplain.

Recommendation: Implement preferred alternative: Grant the City of Rapid City a Consent to Cross the EAFB 16-inch waterline easement.