

### SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION APPLICATION FOR PERMIT TO OCCUPY RIGHT OF WAY

Highway No. 19 County CLAY Approximately 4.3 Miles N  S  E  W

From (City or well defined point) Hwy 50 Section 22 Township 32 Range 4

Description of occupancy: Connection to existing water pipe in ROW.

Purpose of occupancy: Provide connection point for new well.

Duration of occupancy: PERMANENT  TEMPORARY  If temporary, give the estimated date of removal or completion:  
30 days

I, the undersigned, request permission to occupy public right-of-way at the above location and as shown on the attached layout sheet. In consideration for this permission, I agree to abide by all conditions as herein stated.

- To furnish all materials, labor, incidentals and pay all costs involved with this occupancy including restoration of any damage to the roadway and right-of-way to equal or better conditions than existed prior to the occupancy covered by this permit.
- To provide protection to highway traffic during occupancy by the use of proper signs, barricades, flagpersons and lights as prescribed in the "Manual of Uniform Traffic Control Devices."
- To indemnify and hold the State of South Dakota, its Department of Transportation, its officers, agents and employees, harmless from and against any and all actions, suits, damages, liability or other proceedings of any kind or nature brought because of any injuries or damage received or sustained by any person or property on account of the use or occupancy of right-of-way designated in this application.

APPLICANT NAME (please print) James Auen

SIGNATURE [Signature] DATE 2-14-20

ADDRESS 46986 Monty Street Tea SD 57064

TELEPHONE 605-624-8700

REPRESENTING Lewis & Clark Regional Water System  
(Name of Individual, Company, Organization, etc.)

\*\*\*To be completed by Department of Transportation\*\*\*

Project (Const.) \_\_\_\_\_ Station \_\_\_\_\_ Milepost 9.290  
Project (Maint.) 019 Maintenance Unit 291

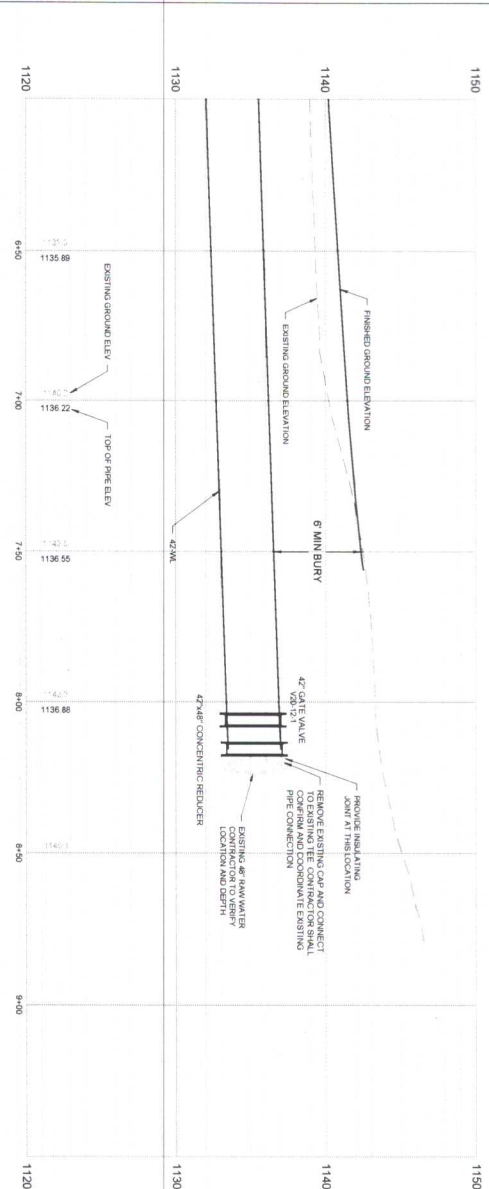
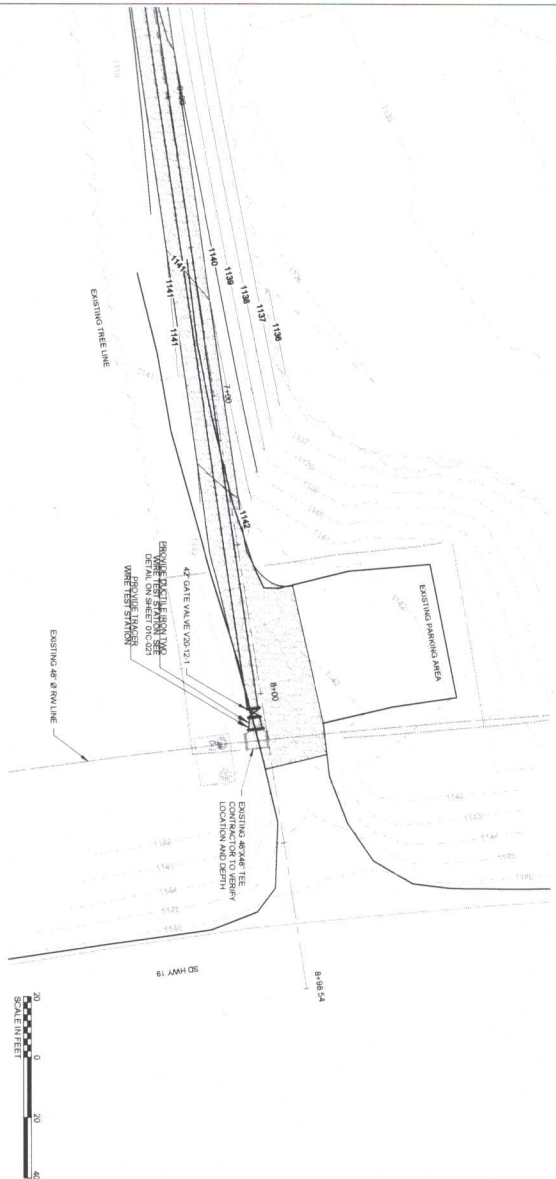
- Prior to commencing occupancy and at completion of occupancy the applicant shall notify Jerry Hansen at Jet City Shop Telephone 605-677-6797
- Special Conditions All disturbed areas must be restored and reseeded.
- Failure to accomplish the occupancy in accordance with the provisions of this permit will automatically render this permit null and void and where applicable, constitute grounds for its removal and/or full restoration of the occupancy site all at the applicant's expense.

This permit to occupy the right-of-way is granted to all conditions as herein stated on this 19 day of Feb., 2020.

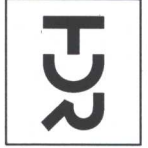
[Signature]  
Region Engineer  
Auen

[Signature]  
Chief Bridge Engineer (Bridge Installations only)

1 2 3 4



- GENERAL NOTES**
1. REFER TO SPECIFICATIONS FOR REQUIREMENTS RELATED TO CONNECTION TO EXISTING PIPE RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES.
  2. CONNECTION IS RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES.
  3. CONNECTION IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS CAUSED TO THE UTILITY CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE UTILITY OWNER.

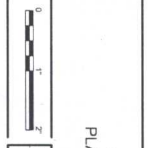


ISSUE	DATE	DESCRIPTION
02/10/2020	ISSUED FOR BID	
03/17/2020	AGENCY REVIEW	

<b>PROJECT MANAGER</b>	G. GARBER
<b>OWNER</b>	M. JOHNSON
<b>STRUCTURAL</b>	A. WATSON
<b>ARCHITECTURAL</b>	D. LOHMEYER
<b>PROCESS</b>	M. JOHNSON
<b>MECHANICAL</b>	R. DAVENPURT
<b>ELECTRICAL</b>	K. GARDNER
<b>INSTRUMENTATION</b>	K. MCDONOUGH
<b>PROJECT NUMBER</b>	104117D



**Wellfield Site B**  
Horizontal Collector Well



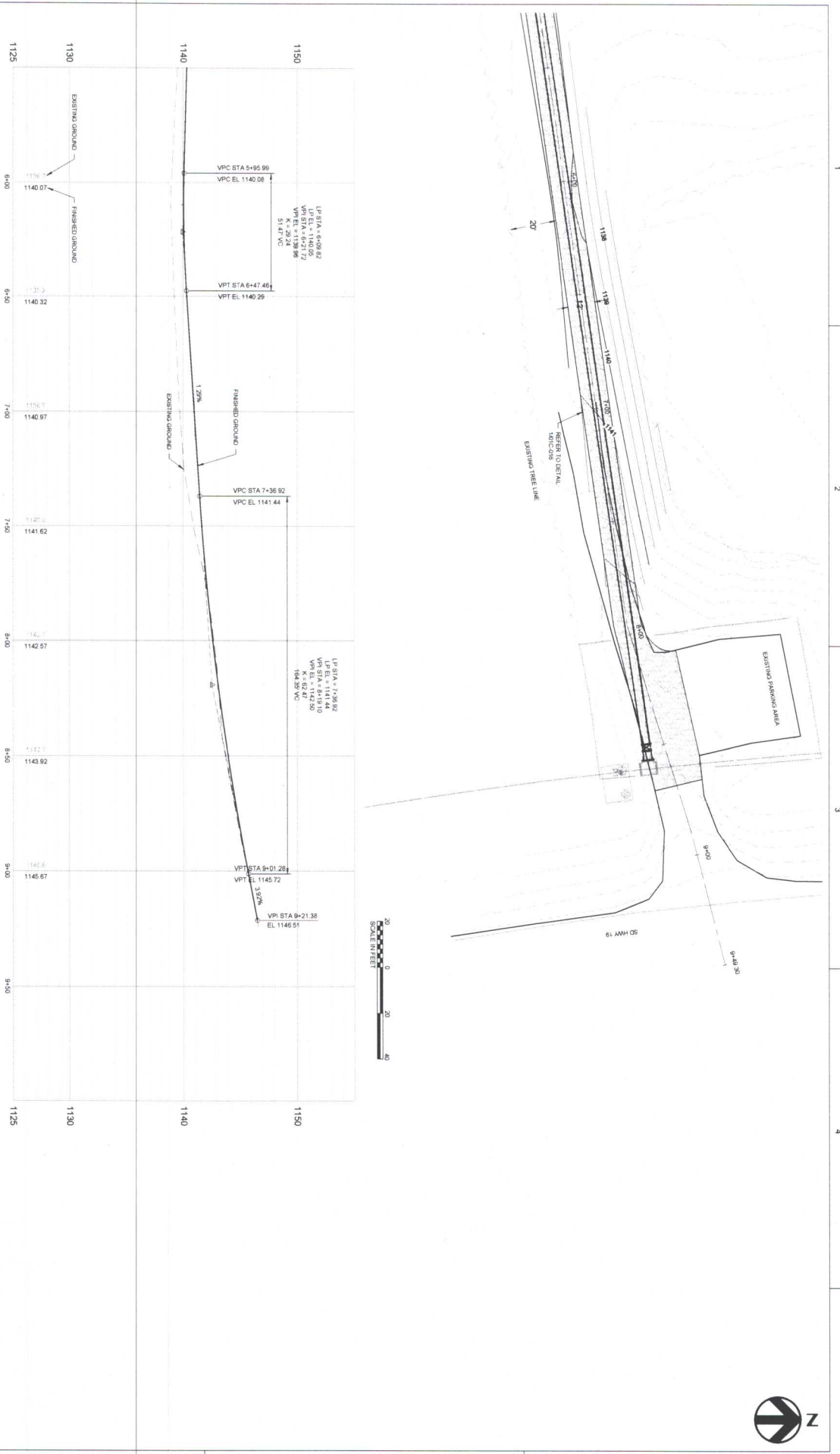
**WATER MAIN PLAN AND PROFILE**

FILENAME: 01C-005.dwg  
SCALE: 1/20

SHEET  
**01C-005**

ISSUE	DATE	DESCRIPTION
02/10/2020		ISSUED FOR BID
03/11/2020		AGENCY REVIEW

PROJECT NUMBER	1041170
PROJECT NAME	Wellfield Site B
PROJECT LOCATION	Horizontal Collector Well
PROJECT OWNER	Regional Water System
PROJECT MANAGER	D. GARDNER
STRUCTURAL	M. JOHNSON
ARCHITECTURAL	D. JOHNSON
MECHANICAL	R. DALRYMPLE
ELECTRICAL	K. GARDNER
INSTRUMENTATION	K. MCDONALD



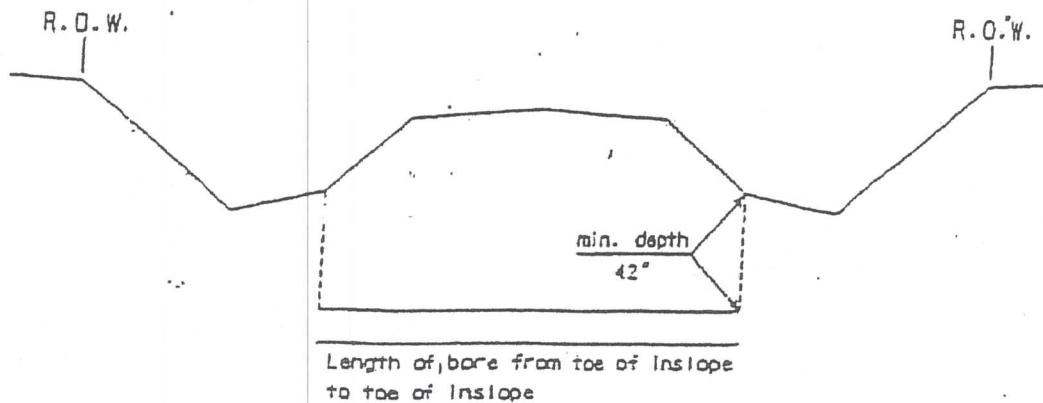
**ATTACHMENT TO PERMITS  
DOT - 200 UTILITIES  
DOT - 232 APPROACHES**

Special Conditions

No Wet Boring allowed. Bore shall be from toe of inslope to toe of inslope, no open cuts within roadway. Longitudinal installations shall be installed in a straight line as close to the Right-of-Way as possible or within 3' of an existing utility line. Restore all areas to the satisfaction of the SDDOT. Utility crossing requires adequate location markers at Right-of-Way line.

This Utility Permit does not replace any other permit, license, or other approval which may be required by any other entity holding a property interest in the right of way, including but not limited to any Tribal Government, the Office of School and Public Lands, and the Bureau of Indian Affairs. The issuance of this Utility Permit does not relieve the applicant of the obligation to obtain any other approvals that might be required for use of the highway right of way for utility purposes. The applicant is solely responsible for investigating whether additional approval is required and complying with any other applicable requirements.

Typical Cross Section View of Boring Under Roads



Utility Marking Flags

At the completion of the work the applicant shall remove all utility marking flags that were placed at or near the work site.

REVEGETATION PLAN

**Shaping:**

Disturbed areas will be topsoiled and leveled to promote vegetation growth and to remove obstructions of drainage.

**Urban:**

Type D Permanent Seed Mixture shall consist of the following: **Urban (Lawn Seed Mixture)**

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/1000 SqFt)
Kentucky Bluegrass	Alene	1.5
Perennial Ryegrass	Turf Type	1.5
Creeping Red Fescue		1.5
Alkali Grass	Fults, Salty	1.5
Total:		6

Special Permanent Seed Mixture 1 shall consist of the following:

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/Acre)
DIVA KENTUCKY BLUE GRASS		50
ASCEND PERENNIAL RYEGRASS		50
FLYER CREEPING RED FESCUE		50
AMBROSE CHEWINGS FESCUE		50
FULTS ALKALIGRASS		50
Total:		250

**Mulching:**

Shall be performed according to Section 732 of South Dakota DOT Standard Specifications for Road and Bridges. A copy of this section can be viewed at the following location : <http://www.sddot.com/operations/docs/specbook04/732.pdf>

**Safety Vest Requirements**

Workers are required to wear high-visibility safety apparel intended to provide conspicuity during both daytime and nighttime usage, and meeting the Performance Class 2 or 3 requirements of the ANSI/ISEA 107-2004 publication entitled "American National standard for High-Visibility Safety apparel and Headwear".

This Utility Permit does not replace any other permit, license, or other approval which may be required by any other entity holding a property interest in the right of way, including but not limited to any Tribal Government, the Office of School and Public Lands, the United States Forest Service and the Bureau of Indian Affairs. The issuance of this Utility Permit does not relieve the applicant of the obligation to obtain any other approvals that might be required for use of the highway right of way for utility purposes. The applicant is solely responsible for investigating whether additional approval is required and complying with any other applicable requirements.

**Seeding:**

All disturbed areas will be seeded within three weeks of completion of the operation with one of the following seed mixtures. Permanent seeding shall not be done between June 1 and August 1, without written authorization from the Area Engineer.

**Rural:**

Type B Permanent Seed Mixture shall consist of the following: **More than 5 Acres Disturbed**

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/Acre)
Western Wheatgrass	Flintlock, Rodan, Rosana	7
Switchgrass	Dacotah, Forestburg, Nebraska 28, Pathfinder, Summer, Sunburst, Trailblazer	3
Indiangrass	Holt, Tomahawk	3
Big Bluestem	Bison, Bonilla, Champ, Pawnee, Sunnyview	3
Canada Wildrye	Mandan	2
Total:		18

Type C Permanent Seed Mixture shall consist of the following: **Less than 5 Acres Disturbed**

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/Acre)
Western Wheatgrass	Flintlock, Rodan, Rosanna	16
Slender Wheatgrass	Adanac, Pryor, Primar, Revenue	2
Total:		18

Type G Permanent Seed Mixture shall consist of the following:

The following seed mixture can be used as a substitute for Type B Permanent Seed Mixture on projects East of the Missouri River where there are steep grades, long backslopes, or erosive soils. Ten pounds of oats, spring wheat, or winter wheat are substituted for two pounds of Canada wildrye for quick cover. Canada wildrye is sufficient quick cover for typical projects. Keep in mind that including the oats, spring wheat, or winter wheat will provide competition for the permanent grasses.

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/Acre)
Western Wheatgrass	Flintlock, Rodan, Rosana	7
Switchgrass	Dacotah, Forestburg, Nebraska 28, Pathfinder, Summer, Sunburst, Trailblazer	3
Indiangrass	Holt, Tomahawk	3
Big Bluestem	Bison, Bonilla, Champ, Pawnee, Sunnyview	3
Oats or Spring Wheat: April through July; Winter Wheat: August through November		10
Total:		26