



DREAM DESIGN INTERNATIONAL, INC.
CIVIL, STRUCTURAL, AND LAND DEVELOPMENT ENGINEERS

February 27, 2006

Ms. Emily Fisher
City of Rapid City
Development Service Division
300 Sixth Street
Rapid City, SD 57701

RE: DM&E Railroad Pipeline Applications for Marlin Industrial Park

Dear Ms. Fisher:

Per your direction, this letter is provided to request that the City sign, as the applicant, the enclosed water and sewer pipeline applications. The applications are to secure Licensing Agreements from the Dakota, Minnesota & Eastern Railroad Corporation (DM&E). The Licensing Agreements will allow the construction and long-term maintenance of the utility improvements proposed within the railroad right-of-way. The proposed utility improvements are part of the required infrastructure for the Marlin Industrial Park development (construction plans are enclosed.)

Please note that we had sent the DM&E an advance copy of the proposed development plans for their review. The enclosed email from Mr. Tim Carlson grants the general approval by the DM&E of the proposed utility pipeline installations. We respectfully request that you present, without unnecessary delay, the enclosed applications to the proper City officials for their signatures. When available, please return the signed applications and we will forward them, with the appropriate licensing fees, to the DM&E Railroad.

Thank you for your assistance and prompt attention to this matter. If you have any questions about this request, please do not hesitate to contact me at telephone number 348-0538, or I can be reached by email at gregb@dreamdesigninc.com.

Sincerely,

DREAM DESIGN INTERNATIONAL, INC.

Gregory T. Barbeauld, P.E.

Enclosures

X:\366-399\0381\Word\letters\RR App Letter 27FFB06.doc

PIPELINE APPLICATION: DAKOTA, MINNESOTA & EASTERN RAILROAD CORPORATION

Application to the Iowa, Chicago & Eastern Railroad Corporation for permission to construct and maintain a pipeline on the right-of-way of the Railroad Corporation. **PLEASE FILL OUT ALL QUESTIONS.**

- 1.* Full legal name of applicant: City of Rapid City, Public Works
(as it should appear on license)
2. Mailing address & telephone number: 300 Sixth St., Rapid City, SD 57701
3. Check one: () Individual () Partnership () Corporation () Municipality (605) 394-4165
- 3A. Incorporated in State of South Dakota have Corporation Seal () Yes () No
- 3B. Name and address of each partner: n/a

4. Location of pipeline: Rapid City, SD Section 20, T1N, R8E
(nearest city, or county, section, township & range)

4A. Distance from fixed orientation point on railway, i.e., culvert, section line, center of street crossing, etc.: Proposed utility crossing is located approximately 600-ft south of the new Elk Vale Road overpass.
(Transportation Company does not allow placement through our bridge structure)

	<u>Furnish following construction details:</u>	<u>Carrier Pipe</u>	<u>Casing Pipe</u>
5.	Contents to be handled	<u>Water</u>	_____
6.	Maximum operating pressure	<u>74-psi</u>	_____
7.	Inside diameter	<u>12-inch</u>	<u>20-inch</u>
8.	Outside diameter joints or couplings	<u>16.5-inch</u>	_____
9.	Wall thickness	<u>0.733-inch</u>	<u>0.50-inch</u>
10.	Material and type of pipe	<u>PVC C900</u>	<u>steel</u>
11.	Specification and grade or class pipe	<u>CL 150</u>	_____
12.	Minimum yield point of material	_____	_____
13.	Process and/or name of manufacturer	<u>Northern Pipe</u>	_____
14.	Type of joints	<u>gasketed spigot/bell</u>	_____
15.	Length of casing pipe:	<u>50-ft.</u>	_____

Manlin Industrial Park - Water

* Application prepared by Dream Design International, Inc. (605) 348-0538

- 16. Will casing pipe be vented? No Size: _____
- 17. Will casing pipe be cathodically protected? If required
- 18. Will casing pipe have a protective coating? If required
- 19. Protection at ends of casing: Both ends One end _____ Type Rubber end seal
- 20. Direction of flow and grade: essentially no slope
- 21. Method of installation: jack & bore
- 22. Depth from base of rail to top of casing: approximately 10-ft.
(5 1/2 ft. minimum required)
- 23. General depth of Railway property: elevation difference approximately 6-ft.
- 24. Depth in ditch area: approximately 3-ft
- 25. Applicant to furnish two (2) copies of fully dimensioned construction print or sketch indicating location, full specifications, clearances, and cross section along pipeline showing relation to actual profile of ground and tracks.
- 26. Furnish license preparation fee (\$300.00 minimum fee).
- 27. If application is granted, the undersigned agrees to execute the Transportation Company's standard form of license when submitted, and to observe all the terms and conditions thereof:

By: _____
 Title: _____
 Date: _____

- 28. Remarks: Request to install a utility crossing under the rail system and to install approximately 500 lf of utility pipe in the RR R-o-w parallel to the rail system. Pipe is to be installed by Zandstra Construction as part of the required improvements for the Marlin Industrial Park development.
- 29. Sealed Bulkheads? n/a Both Ends? _____

Please send application, map(s) and application fee to:

DM&B Railroad
 Attn: Real Estate Department
 PO Box 1260
 Sioux Falls, SD 57101

Call the Real Estate Department @ 605-782-1556 with any questions.

Zandstra Construction
as part of the required
improvements for the
Marlin Industrial
Park development.

Marlin Industrial Park - Water

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(Transportation Company does not allow placement through our bridge structure)

	<u>Carrier Pipe</u>	<u>Casing Pipe</u>
5. Contents to be handled	<u>Waste Water</u>	
6. Maximum operating pressure	<u>not pressurized, gravity flow</u>	
7. Inside diameter	<u>15-inch</u>	<u>24-inch</u>
8. Outside diameter joints or couplings	<u>16.9-inch</u>	
9. Wall thickness	<u>0.437-inch</u>	<u>0.50-inch</u>
10. Material and type of pipe	<u>PVC</u>	<u>steel</u>
11. Specification and grade or class pipe	<u>SDR-35</u>	
12. Minimum yield point of material		
13. Process and/or name of manufacturer	<u>Northann Pipe</u>	
14. Type of joints	<u>gasketed spigot/bell</u>	
15. Length of casing pipe:	<u>50-ft.</u>	

Marlin Industrial Park - Sewer

* Application prepared by Dream Design International, Inc. (605) 348-0538

- 16. Will casing pipe be vented? No Size: _____
- 17. Will casing pipe be cathodically protected? If required
- 18. Will casing pipe have a protective coating? If required
- 19. Protection at ends of casing: Both ends One end _____ Type Rubber end seal
- 20. Direction of flow and grade: pipe slopes east to west @ 1%
- 21. Method of installation: jack & bore
- 22. Depth from base of rail to top of casing: approximately 14-ft
(5 1/2 ft. minimum required)
- 23. General depth of Railway property: elevation difference approximately 6-ft.
- 24. Depth in ditch area: approximately 3-ft
- 25. Applicant to furnish two (2) copies of fully dimensioned construction print or sketch indicating location, full specifications, clearances, and cross section along pipeline showing relation to actual profile of ground and tracks.
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Please send application, map(s) and application fee to:

DM&E Railroad
 Attn: Real Estate Department
 PO Box 1260
 Sioux Falls, SD 57101

Call the Real Estate Department @ 605-782-1556 with any questions.

*Zandstra Construction
 as part of the required
 improvements for the
 Marlin Industrial
 Park development.*

Marlin Industrial Park - Sewer

Fisher Emily

From: Greg Barbeauld [GregB@dreamdesigninc.com]
Sent: Monday, February 27, 2006 5:10 PM
To: Fisher Emily
Cc: Renee Catron-Blair; marcia.elkins@rcgov.org; hani@dreamdesigninc.com
Subject: Railroad Pipeline Applications - Marlin Industrial Park

Emily: Please see the attached letter and enclosures related to the subject applications. Please contact me if you have questions. Thanks - Greg

Greg Barbeauld, P.E.
Dream Design International, Inc.
528 Kansas City Street, Suite 4
Rapid City, SD 57701
Tel (605) 348-0538
Fax (605) 348-0545
gregb@dreamdesigninc.com

2/28/2006

Greg Barbeauld

From: Tim Carlson [tcarlson@cedaramerican.com]
Sent: Monday, February 27, 2006 1:38 PM
To: Greg Barbeauld
Subject: FW: Marlin Industrial Park

From: Tim Carlson
Sent: Monday, February 27, 2006 2:25 PM
To: 'greg@dreamdesigninc.com'
Cc: Kim Miller; Greg Christenson; Steve Scharnweber
Subject: Marlin Industrial Park

Mr. Barbeauld,

We have reviewed your plans submitted for the water and sanitary sewer lines to be installed under and along our tracks just south of the Elk Vale Road Bridge. We can approve your proposed plans to install these lines 31.35 from mainline track centerline with the following fees applying to each line.

The water line will total \$1200 to cross the tracks, \$2500 for the 500 LF of encroachment of our right of way with pipe, manholes and hydrant. \$300 license application and engineering fees. Total for this water line \$4000.

The fees for the sanitary sewer line will total \$1200 to cross the tracks, \$2000 for the 500 LF encroachment and \$300 application fees. Total \$3500.

Total for both \$7500

Tim Carlson
Manager of Real Estate and Public Works
Cedar American Rail Holdings
605-782-1551

2/27/2006