



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Public Works Department  
**Engineering Services Division**


300 Sixth Street

Telephone: (605) 394-4154 FAX: (605) 355-3083

Web: [www.rcgov.org](http://www.rcgov.org)

## MEMORANDUM

TO: Public Works Committee, Mayor Hanks, Common Council

FROM: Dale Tech PE/LS, City Engineer 

SUBJECT: Request by THF Realty to install and maintain decorative street lighting on Stumer Road from Fifth Street to Black Hills Boulevard

DATE: August 27, 2010

THF Realty has requested to install and maintain decorative street lights on Stumer Road from Fifth Street to Black Hills Boulevard as part of the commercial development proposed for that area. Attached are details of the lighting as well as a location map. THF will enter into a covenant agreement for the maintenance of the lights which will be executed at the time of their final development plan approval. Staff recommends approval of the request to install and maintain decorative street lights.



EQUAL HOUSING  
OPPORTUNITY

EQUAL OPPORTUNITY EMPLOYER

Item #40



August 27, 2010

Public Works Committee  
and Rapid City Council  
c/o Dale Tech  
City of Rapid City  
300 Sixth Street  
Rapid City, South Dakota 57701

RE: Stumer Road Decorative Lighting System

Dear Dale,

Pursuant to our conversation on August 26, 2010, please allow this letter to serve as the formal request before the Public Works Committee and the City Council of THF Stoneridge Development, L.L.C. to install and maintain the proposed Stumer Road Decorative Lighting System delivered under separate cover.

This was also identified in the initial plan development submittal as stipulation #8.

As the applicant we are agreeable to this stipulation and are willing to enter into a covenant agreement with the City securing the maintenance of the proposed decorative street lighting system.

Should you require anything further, please do not hesitate to call.

Kindest Regards,  
THF Realty, Inc.

Robert Green

RG/slg

Enclosures

CC: Michael Staenberg

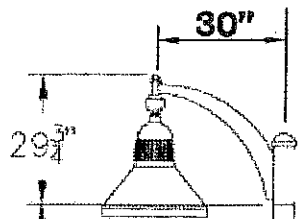
Development | Leasing | Management

2127 Innerbelt Business Center Dr.  
Suite 200  
St. Louis, MO 63114  
314.429.0900 *phone*  
314.429.0999 *fax*  
[www.thfrealty.com](http://www.thfrealty.com)

Item #40



# STUMER AVE.



24'-0"

7 1/8"

BEARING PLATE  
SKIRT ASSEMBLY

## Customer Approval

sign  
&  
date

Post: EPSX 24 S5S7 4-3/8T8 ANBK  
 Arm: EAL5/2 ANBK  
 Luminaire: (2)EM25FT 400M MOG GCF SR5S TB ANBK

Accessories: TRANSPO ASSY WITH SKIRT ANBK

Eurot PW083110-33

Steel Post

### Post: EPSX 24 S5S7 4-3/8T8 ANBK

Post shall be all steel construction consisting of a stepped steel shaft from  $\varnothing 7"$  to  $\varnothing 5"$  with a  $\varnothing 4 \frac{3}{8}" \times 8"$  tenon for arm mounting. A handhole is located in the shaft for wiring access. A two piece anchor plate cover is provided.

### Arm: EAL5/2 ANBK

Arm shall be all aluminum construction consisting of a post filler with cap, cast arm and a cast plumbizer assembly with  $1 \frac{1}{2}"$  NP fitting with cap.

### Luminaire: EM25FT 400M MOG GCF SR5S TB ANBK

Luminaire shall be  $\varnothing 25" \times 23"$  tall with a cast aluminum housing and a clear flat glass lens. Luminaire shall be furnished with a high intensity discharge ballast and a socket assembly, an IES type 5S aluminum reflector.

Lamp Type	Metal Halide	High Pressure Sodium	Voltage
<input type="checkbox"/> HID Socket Size	<input type="checkbox"/> - 50M	<input type="checkbox"/> - 35S	<input type="checkbox"/> /120
	<input type="checkbox"/> - 70M	<input type="checkbox"/> - 50S	<input type="checkbox"/> /208
<input type="checkbox"/> - MED	<input type="checkbox"/> - 100M	<input type="checkbox"/> - 70S	<input type="checkbox"/> /240
<input type="checkbox"/> - MOG	<input type="checkbox"/> - 150M	<input type="checkbox"/> - 100S	<input type="checkbox"/> /277
	<input type="checkbox"/> - 175M	<input type="checkbox"/> - 150S	<input type="checkbox"/> /480
	<input type="checkbox"/> - 400M	<input type="checkbox"/> - 250S	<input type="checkbox"/> /TB

### Accessories:

Transpo Assembly -  $1 \frac{1}{2}"$  breakaway couplings with nuts and washers and top plate with concealment skirt.

### Anchorage:

Post shall be furnished with (4)  $1 \frac{1}{2}"$  hot-dip galvanized L-type anchor bolts.

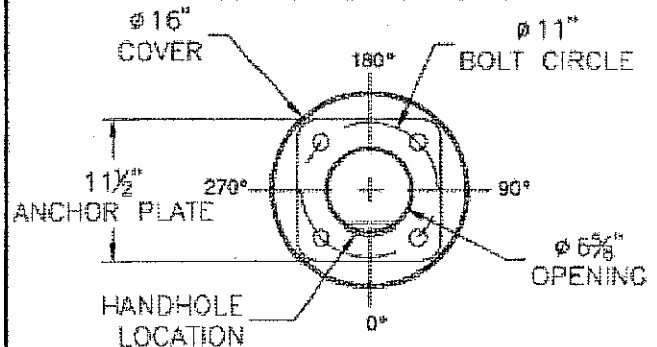
### Finish:

Post, arm and luminaire shall be furnished with a black powder coat finish.

### Windload

Post assembly is 45% loaded at 100mph using aashto 1994 fast wind mile or 115mph aashto 2001, 3 second gust wind speed.

### Anchorage Detail



### Note:

All hardware shall be stainless steel. All easily accessible exterior hardware shall be tamper resistant.

Post Height: 24'-0"  
 Base Size:  $\varnothing 16"$

Overall Height: 27'-0 3/4"  
 Top Light Center: 24'-11"

date: 8/16/10

scale: NTS

drawn: L-8196A

## ANTIQUÉ Street Lamps

One Lithonia Way  
 PMD, Building Th **Item #40770** 860-3747  
 Conyers, GA 30012 (770) 860-3712

