



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Public Works Department Engineering Services Division

300 Sixth Street

Phone: 605-394-4154 Fax: 605-355-3083

TO: Terry Wolterstorff and Public Works Committee
FROM: Brandon Quiett
Engineering Project Engineer
DATE: December 20, 2012
RE: Infrastructure Acceptance
Saint Martins Village – Good Samaritan Society
09PD053, DEV09-1006

Terry,

This letter is to confirm that the City Springs Road improvements, associated with the Saint Martins Village project, have been completed, tested, as-builts have been submitted, warranty surety has been received, and the project can be accepted.

Per Rapid City Municipal Code 12.04.170(B) *“Infrastructure Acceptance - The Public Works Director shall place on the Public Works Committee agenda an action item recommending acceptance of infrastructure when the project as a whole is ready for acceptance.”*

If you have any questions please let me know.

Sincerely,

Brandon Quiett
Project Engineer

Attachments:

1. Vicinity map
2. Cost estimate
3. Testing verification form from FMG

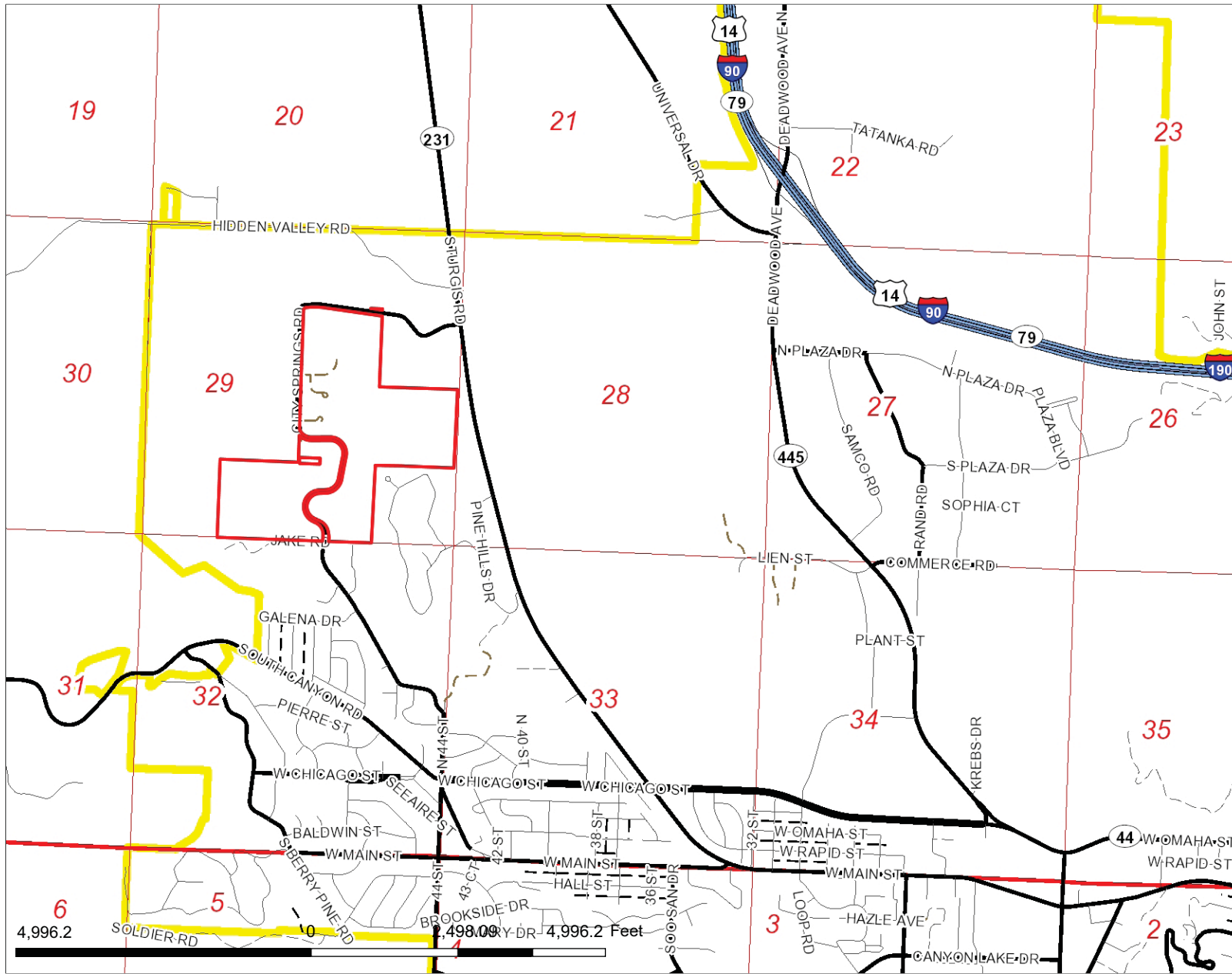


EQUAL OPPORTUNITY EMPLOYER

Rapid City-Pennington County GIS

Legend

- Roads
 - Interstate
 - US highway
 - SD highway
 - County highway
 - Main road
 - Minor arterial
 - Collector
 - Ramp
 - Paved road
 - Unpaved road
 - FS Highway
 - Driveway
 - Paved Alley
 - Unpaved Alley
 - Unimproved road
 - Trail
 - Airport Runway
 - Not yet coded
- PLSS Sections
- Townships
- County Line



Scale: 1: 29,977

Map Notes:

DISCLAIMER: This map is provided 'as is' without warranty of any representation to accuracy, timeliness, or completeness. The burden for determining accuracy, completeness, timeliness, merchantability, and fitness for or the appropriateness for use rests solely on the user. Rapid City and Pennington County make no warranties, express or implied, as to the use of the map. There are no implied warranties of merchantability or fitness for a particular purpose. The user acknowledges and accepts the limitations of the map, including the fact that the data used to create the map is dynamic and is in the constant state of maintenance, correction, and update. This document does not represent a legal survey of the land. There are no restrictions on the distribution of printed Rapid City/Pennington County maps, other than the City of Rapid City copyright/credit notice must be legible on the print. The user agrees to recognize and honor in perpetuity the copyrights and other proprietary claims for the map(s) established or produced by the City of Rapid City or the vendors furnishing said items to the City of Rapid City.

SUBDIVISION IMPROVEMENTS ESTIMATE

Plat of: Good Samaritan Society, St. Martins Village, Phase 1 of Planned Development
Rapid City, South Dakota

Submitted by: FMG, Inc. Engineer: Jerry D. Foster, PE

Signed: [Signature] Date: 10/18/2012
 Developer DEVELOPER FOR DEVELOPER

This estimate shall be attached to and become a part of the petitioner's letter of credit, bond, or other surety instrument(s). During a period of two (2) years after the completion of the work listed below, the Developer shall make all repairs arising out of defective workmanship and/or materials which, in the judgment of the City Engineer, shall become necessary during said period. City reserves the right to extend the warranty period if excessive problems develop during the initial 2-year period.

ATTACH WORKSHEET AS NECESSARY

ITEM	QUANTITY (Units)	UNIT PRICE (see attached)	ESTIMATED PRICE
1 Paving		(see attached)	\$513,074.00
2 Curb & Gutter		(see attached)	\$137,829.00
3 Water Main & Appurtenances		(see attached)	\$702,854.00
4 Sanitary Sewer Mains & Appurtenances		(see attached)	\$369,100.00
5 Storm Sewer & Appurtenances		(see attached)	\$616,524.00
6 Sidewalks		(see attached)	\$152,315.00
7 Site Grading		(see attached)	\$320,174.00
8 Erosion/Sediment, Control		(see attached)	\$103,827.00
9 Street Signs		(see attached)	\$16,257.00
10 Property Pins	1	Lump Sum	\$1,000.00
11 As-Constructed Plans	1	Lump Sum	\$500.00
12 Other (see attached)			0.00
Subtotal			\$2,933,454.00
TOTAL ESTIMATED COST			\$2,933,454.00
SUBDIVISION INSPECTION FEE (paid separately to City Finance Office):			N/A

TO: City Finance Office

ALL IMPROVEMENTS COMPLETE

A bond in the amount of \$ 0 to cover installation of the above-listed improvements shall be posted upon submittal of the final plat.

[Signature]
 DEVELOPMENT SERVICE CENTER

10/18/12
 DATE

City Finance Office:

Bond Record:

WARRANTY (10%)

Amount	Date Filed or Renewed	Expiration Date
293,345.40		

Development Service Center:

1. Work completed on: 10/3/12 Inspected by: FMG

2. As-constructed plans received: Yes No

Permission is hereby granted to release the bond.

Signed: _____ DATE _____



FMG, INC. 3700 Sturgis Road, Rapid City, South Dakota 57702-0317 605/342-4105
FAX 605/342-4222

December 19, 2012

City of Rapid City
Attn: Mr. Brandon Quiett
300 Sixth Street
Rapid City, SD 57701

Re: St. Martins Village – Rapid City, SD
Project Testing Completion

Brandon:

As requested, we have updated the following City form indicating that all testing items have been completed at the St. Martins Village project located in Rapid City, SD. We were informed that the testing of all trace wires by Heavy Constructors has been approved by Chip with the City of Rapid City.

As noted in our letter dated October 4, 2012, all testing was performed in accordance with the 2007 Edition of the City of Rapid City Standard Specifications for Public Works Construction. All test reports have been provided to Klare Schroder at the City. City personnel have informed us that all of the storm sewers and sanitary sewers have been checked with a camera and they did not find any deficiencies (see attached email).

We trust this information is sufficient. Please let me know if you need any additional information.

Thanks,

Sincerely,

FMG, Inc.

James J. Trudeau

C: Mr. Greg Amble/GSS
FMG File #078981.14

PROJECT: St. Martins Village - Rapid City, SD

INSPECTOR: FMG, Inc.

Specifications	Testing Requirement	Method of Verification	Completed	Comments
Utility Excavation and Backfill (Section 11), Embankment (Section 14)	Compaction testing – to be taken a minimum of every 200’ horizontally and 3’ vertically. NOTE: If material changes in the field, contact testing agency to provide new proctor test for material being used.	A minimum number of _____ tests shall be taken for this project. Testing reports shall be provided at the pre-paving meeting.	yes / no / N/A	
	Undercut or scarify roadway embankment per Geotechnical Report recommendations.	Discuss the proposed means and methods with City inspector prior to construction. City inspector shall verify.	yes / no / N/A	
	A pre-paving meeting shall be held prior to placement of base course	Call City inspector to schedule. Inspector shall verify sub-grade through proof rolling or other means.	yes / no / N/A	
Granular Material - Base Course (Section 20)	Base course shall be placed in maximum of 4" lifts	Perform minimum of one compaction test per 4" lift, or as directed	yes / no / N/A	
Portland Cement Concrete Pavement (Section 60)	For sidewalk and curb and gutter, a minimum of one test shall be performed per each day of pouring, or as directed.	Testing shall include slump, air content, 7 day strength (minimum 1 cylinder), 28 day strength (minimum 2 cylinders). Provide results to City inspector prior to project acceptance.	yes / no / N/A	
	For concrete pavement, a minimum of one test shall be performed per 250 LF of pavement or as directed.	Testing shall include slump, air content, 7 day strength (minimum 1 cylinder), 28 day strength (minimum 2 cylinders). Provide results to City inspector prior to project acceptance.	yes / no / N/A	
Asphalt Concrete (Section 31)	Submit a mix design from the batch plant with a standard density (Marshall)	Performed minimum of one (1) non destructive (nuclear gauge) test per 200 tons of asphalt or as directed.	yes / no / N/A	
Water Piping System (Section 8)	High end and low end chlorine - wait at least 24 hrs and no more than 48 hours to flush the line after the high end chlorine concentration is confirmed. The high end concentration is 25 ppm min. After flushing a minimum of 1 ppm or background chlorine concentration shall be observed.	Call city inspector to observe and confirm chlorine concentration. The Discuss the method and location of flushing. City inspector shall confirm the low end chlorine concentration.	yes / no / N/A	
	Pressure testing - test line at 150% of the normal working pressure or the maximum pressure for the class of pipe. For class of pipe for a minimum of 2 hours. The pressure shall not vary by more than 5 psi.	Call city inspector to verify beginning pressure and start time of the test. The City inspector shall witness the pressure at the end of the 2 hours.	yes / no / N/A	
	Coliform bacteria test (2 test) - performed after flushing	Provide test result to City inspector prior to project completion	yes / no / N/A	
	Cathodic test station reading	Call City inspector to schedule	yes / no / N/A	
	Inspection of valves	Call City inspector to schedule	yes / no / N/A	
	Test tracer wire	Call City inspector to schedule	yes / no / N/A	See attached letter
Sanitary Sewer (Section 9)	Low pressure air test - per specifications	City inspector shall witness	yes / no / N/A	
	Manhole vacuum test - performed per specs and prior to placing casting	City inspector shall witness	yes / no / N/A	
	Pipe deflection testing - 30 days after installation, mandrel test shall be performed	City inspector shall witness	yes / no / N/A	
	TV or Camera pipe	Call City inspector to schedule	yes / no / N/A	See attached email
Storm Sewer (Section 54)	TV or Camera pipe	Call City inspector to schedule	yes / no / N/A	See attached email
General	Submit information for all materials including but not limited to: aggregate materials, pipe, fittings, appearances, etc.; manholes and barrels; signs and posts, erosion and sediment control items.	Submit all materials to the Engineer of Record. The engineer of record shall submit the materials to the City after they have approved them.	yes / no / N/A	
THIS LIST IS INTEND FOR GENERAL GUIDANCE, AND IS BY NO MEANS COMPREHENSIVE - FOR DETAILS ON TESTING AND CONSTRUCTION SPECIFICATIONS REFER TO CITY OF RAPID CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2007 EDITION				

Jim Trudeau

From: Jerry Foster [jfoster@fmgenengineering.com]
Sent: Tuesday, September 25, 2012 9:06 AM
To: 'Quiett Brandon'
Cc: Jim Trudeau; chip.petrik@rcgov.org
Subject: Good Samaritan

Brandon

I just got off the phone with Chip Petrik regarding the Good Samaritan Society project. He said it has all been TV'ed, valves checked, etc., and he has no issues that need to be corrected.

The intent of this email is simply as documentation since no reports are sent out of Chip's office.

Jerry D. Foster P.E.
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