

RESOLUTION 2015-13

RESOLUTION OF THE CITY COMMISSION OF LAKE WALES, FLORIDA, AUTHORIZING FUNDS FOR THE PROPOSED SEWER LINE AND RELATED FACILITIES IMPROVEMENTS TO BE COMBINED WITH THE ANTICIPATED CDBG NEIGHBORHOOD REVITALIZATION GRANT

Whereas, the City of Lake Wales plans to provide improvements to the community to benefit low and moderate income persons; and

Whereas, the City of Lake Wales will apply for Federal Fiscal Year 2014 grant funds from the Neighborhood Revitalization Category of the Florida Small Cities Community Development Block Grant (CDBG) program to partially fund a sewer line and related facilities improvement project; and

Whereas, based on a phase 3 project cost of \$1,496,644, the City will need to provide \$936,664 in non-CDBG funds to be combined with the anticipated \$560,000 in construction funds from the CDBG grant to fund the full phase 3 cost; and

Whereas, the CDBG grant program rules require that the City document the absolute availability of the non-CDBG funds for the project; and

Whereas, the City has funds available from the State Revolving Fund (SRF) that may be used for the proposed improvements.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF LAKE WALES, FLORIDA;

SECTION 1. That the City of Lake Wales commits funds in the amount of \$936,664 for the proposed sewer line and related facilities improvements to be combined with the anticipated construction funding of \$560,000 from the CDBG Neighborhood Revitalization grant.

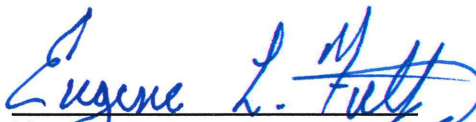
SECTION 2. That the non-CDBG funds will be expended after the date of the grant agency's Site Visit and before administrative closeout of the CDBG grant.

SECTION 3. That \$50,000 of the City funds to be contributed to this project will be used for grant scoring purposes in the CDBG grant application. The project budget, project map and Engineer's Cost Estimate are included as Attachment "A" to this resolution.

ADOPTED unanimously by the City Commission of Lake Wales, Florida, on this 2nd day of June, 2015.

Attest:


City Clerk Clara VanBlargan


Mayor

Attachment A

Project Budget, Project Map and Engineer's CostEstimate

20 May 2015

Mr. Thomas J. Moran, P.E.
Public Works Director
CITY OF LAKE WALES
201 West Central Avenue Lake
Wales, Florida 33853

Subject | CDBG Project Description
Project | Sewer Line Replacement Project Phase 3
City of Lake Wales
Envisors No. | WAL51501

Dear Mr. Moran:

Envisors, a Pennoni Company (Envisors) is pleased to submit to the City of Lake Wales the following project description for use with the City's CDBG Application.

Project Overview:

The City is in the process of implementing a multi-phase project that will replace substandard gravity sanitary sewer system lines with more durable and reliable PVC pipe.

Phase 1, which was completed in early 2015, replaced the sewer main on Dr. J.A. Wiltshire Avenue, Dorsett Avenue, and in the vicinity of Booker Avenue and also rehabilitated Wastewater Lift Station No. 16 (Figure 1). Phase 1 was funded by a combination of CDBG and City funds.

Phase 2, which is expected to be bid in June 2015 will involve the replacement of substandard sewer lines in the area that is generally bounded by C Street to the east, G Street to the west, Dr. J.A. Wiltshire to the south and Florida Avenue to the north (Figure 1). Phase 2 will be funded by the FDEP State Revolving Fund (SRF) program.

The final phase of the project, Phase 3, will involve the replacement of substandard sewer lines on Carver Drive and Crescent Circle and in the area north of Dr. J.A. Wiltshire Avenue between A Street and C Street (Figure 1). Phase 3 is anticipated to be funded by a combination of CDBG and SRF funds. It is our understanding that the CDBG application will request funds that are allocated to the State of Florida from the FFY 2014 CDBG program year. Since the project is already designed, the project may be bid after all of the required CDBG approvals have been obtained.

Phase 3 Project Description:

As the City's engineering consultant, Envisors, has designed and has permitted a replacement sewer system for the entire area described above. Phase 3 will include the replacement of

existing standard vitrified clay pipe gravity sanitary sewer system sewer lines with a new PVC sanitary sewer lines. However, the CDBG Project (Phase 3) as proposed will only involve constructing approximately 5,400 LF of 8-inch gravity sewer with associated manholes. Funding for Phase 3 is anticipated to be accomplished using a combination of currently available SRF funds and proposed CDBG funding. The limits of this project are illustrated on the attached project area map (Figure 1). The map shows that Phase 3 is divided into two service areas. Service Area "A" includes Carver Drive and Crescent Circle, and Service Area "B" includes the area north of Dr. J.A. Wiltshire Avenue between A Street and C Street.

The sewer system upgrades are designed in accordance with current City of Lake Wales and industry standards including minimum pipe slopes and minimum pipe cover to improve the level of service within the project area. The proposed sewer improvements include sewer pipes designed to be generally laid with steeper grades and at lower elevations compared to the existing system.

The design location of the proposed sewer system throughout the project area is in most cases parallel and directly adjacent to the existing sewer system. This route was determined to be the apparent most cost effective design scenario to replace the sewer system in the project area. All sewer line improvements will be located in existing public right of way or in previously properly acquired easements.

The contractor's scope of work for the CDBG project will be to furnish all labor, materials, equipment, management, administration, supervision, insurance coverage, and any other facilities and services necessary to successfully construct, start-up, and warranty the completed project. The major items of construction are summarized below:

- 1) Construct approximately 5,400 feet of 8-inch gravity PVC sanitary sewer pipe;
- 2) Construct 27 sanitary sewer manholes.
- 3) Provide the City with insurance, guarantees, lien releases, as-built drawings, etc.; and
- 4) Warranty the completed project for one (1) year and provide services as required during the one (1) year warranty period.

Project Cost Estimate and Phasing:

The engineer's opinion of probable cost for the proposed CDBG project is based on sewer construction projects that we are familiar with including the recently completed Phase 1 of the project (Table 1).

Unaddressed Needs: Unaddressed needs include the remainder Phase 3 of the project not funded by CDBG funds.

Mr. Thomas J. Moran, P.E.
20 May 2015
Page 3

Please feel free to call us if you have any questions. We sincerely appreciate the opportunity to assist the City of Lake Wales with this important Project.

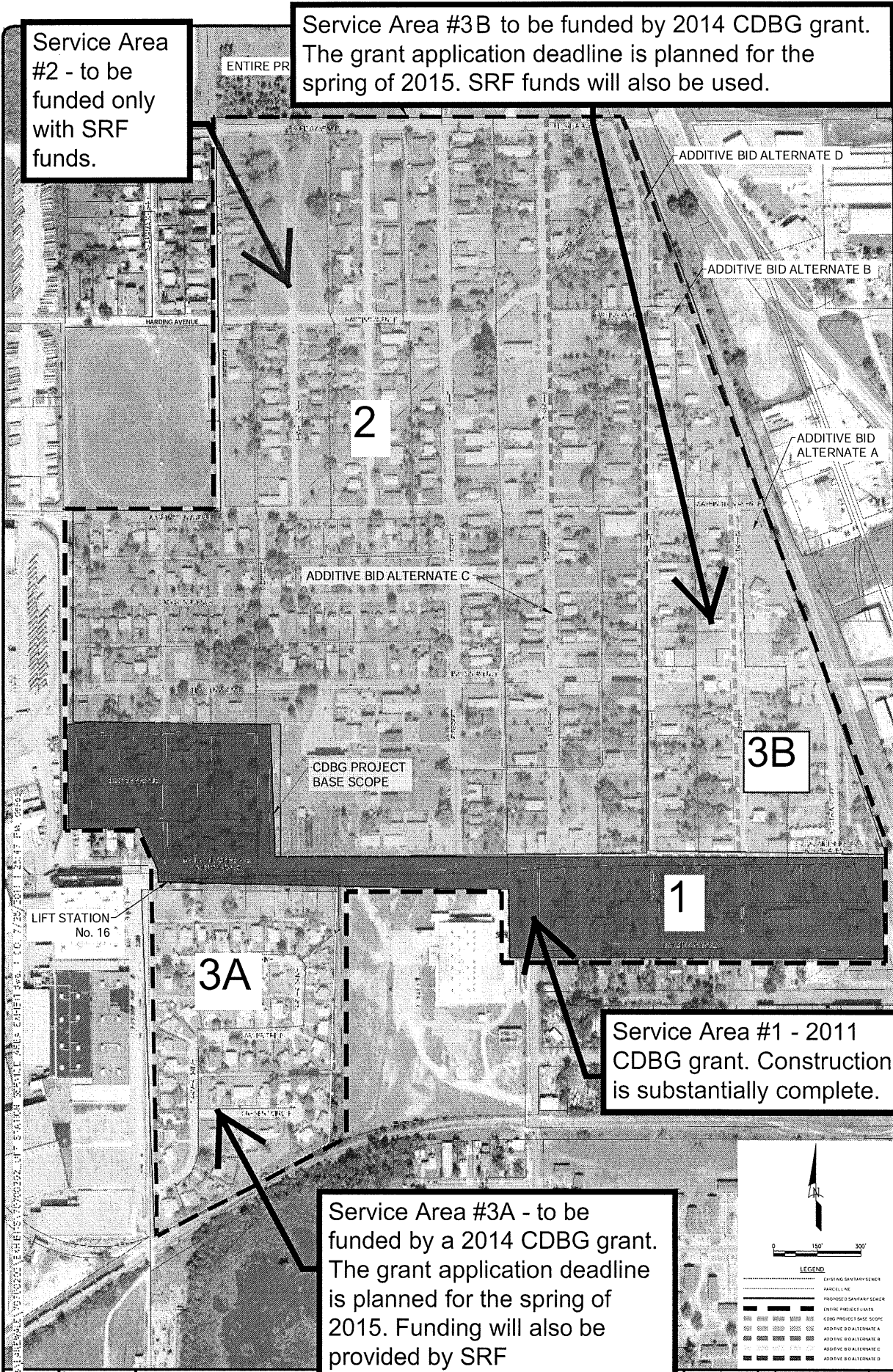
Sincerely,
ENVISORS, a Pennoni Company

A handwritten signature in black ink, appearing to read "Roger L. Homann". The signature is fluid and cursive, with a long horizontal stroke at the end.

Roger L. Homann
Project Manager

Service Area #2 - to be funded only with SRF funds.

Service Area #3B to be funded by 2014 CDBG grant. The grant application deadline is planned for the spring of 2015. SRF funds will also be used.



Service Area #1 - 2011 CDBG grant. Construction is substantially complete.

Service Area #3A - to be funded by a 2014 CDBG grant. The grant application deadline is planned for the spring of 2015. Funding will also be provided by SRF

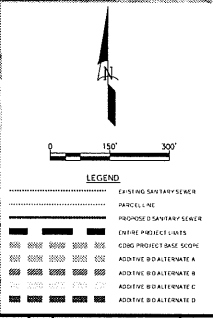


FIGURE 1
 SHEET NO. 101
 CITY OF LAKE WALES
 LIFT STATION No. 16 SERVICE AREA SEWER REPLACEMENT

PROJECT LIMITS

ENVISORS
 ENGINEERS | PLANNERS | SURVEYORS
 2105 DANCE ROAD | FORT BUCKLE, FLORIDA 32835 | P. 853.324.1112 | F. 853.294.4163
 WWW.ENVISORS.COM | CDR No. 00005130

DESIGNED	SLES5		
DRAWN	DJE		
CHECKED	SLES5		
APPROVED	SLE		
JOB NO.	70700202		
DATE:	July 11	NO.	REVISION DESCRIPTION
			DATE

TABLE 1
CDBG PHASE 3 SEWER FACILITIES IMPROVEMENT PROJECT
CITY OF LAKE WALES
OPINION OF PROBABLE COST*

Carver Drive Area (Area "A")

Item No.	Item	Unit	Estimated Quantity	Unit Cost	Total
1.0	Mobilization	LS	1	\$ 45,000.00	\$ 45,000.00
2.0	8" PVC Sewer Lines (Includes installation, dewatering, testing, site restoration to preconstruction conditions, etc.)	LF	2,283	\$ 208.00	\$ 474,864.00
3.0	Sanitary Manholes (Includes installation, dewatering, testing, site restoration to preconstruction conditions, etc.)	EA	13	\$ 5,520.00	\$ 71,760.00
4.0	Manhole Abandonment in accordance with Construction plans	EA	14	\$ 1,261.00	\$ 17,654.00
5.0	Single Service Lateral Connections - (4") Same side of Existing Connection (Includes installation, dewatering, testing, site restoration to preconstruction conditions, etc.)	EA	5	\$ 1,052.00	\$ 5,260.00
6.0	Double Service Lateral Connections - (4") Same side of Existing Connection (Includes installation, dewatering, testing, site restoration to preconstruction conditions, etc.)	EA	26	\$ 1,400.00	\$ 36,400.00
7.0	New Single Sewer Service at Vacant Lot Location	EA	2	\$ 897.00	\$ 1,794.00
8.0	New Double Sewer Service at Vacant Lot Location	EA	2	\$ 1,119.00	\$ 2,238.00
Total					\$654,970.00

*Because Envisors has no control over the cost of labor, materials, equipment, or services furnished by contractors; methods of determining prices; competitive bidding; nor economic market conditions, any opinions of construction and material costs are made on the basis of past experience and represent Envisors' best judgment as experienced and qualified professional engineers familiar with the construction industry. Envisors cannot guarantee that proposals, bids, or actual costs will not vary from our opinion of probable costs. If at any time the City of Lake Wales desires greater assurance as to the probable costs, an independent cost estimator can be retained to develop a detailed cost estimate.

TABLE 1 (Continued)
CDBG PHASE 3 SEWER FACILITIES IMPROVEMENT PROJECT
CITY OF LAKE WALES
OPINION OF PROBABLE COST*

Area Between A and C Streets (Area "B")

Item No.	Item	Unit	Estimated Quantity	Unit Cost	Total
1.0	Mobilization	LS	1	\$ 45,000.00	\$ 45,000.00
2.0	8" PVC Sewer Lines (Includes installation, dewatering, testing, site restoration to preconstruction conditions, etc.)	LF	3,075	\$ 208.00	\$ 639,600.00
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8.0	New Double Sewer Service at Vacant Lot Location	EA	8	\$ 1,119.00	\$ 8,952.00
Total					\$841,674.00

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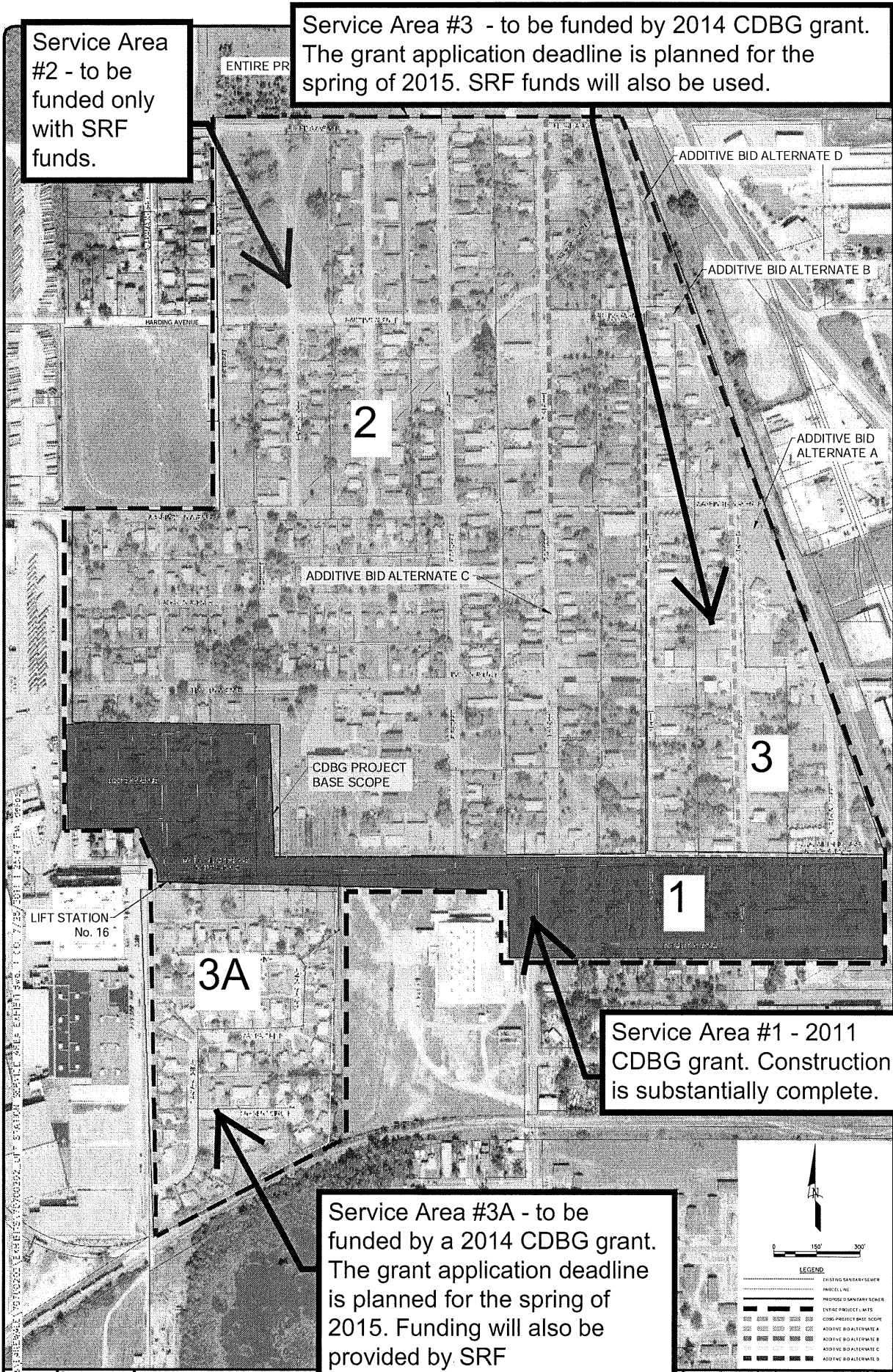
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Roger L. Homann
Project Manager

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FIGURE 1
 SHEET NO. 10234

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 LIFT STATION No. 16 SERVICE AREA SEWER REPLACEMENT
 PROJECT LIMITS

ENVIORS
 ENGINEERS | PLANNERS | SURVEYORS
 2106 DANIEL ROAD | FPO BOX 6000 | WINTER HAVEN, FL 33884 | P: 888.324.1112 | F: 888.284.6188
 WWW.ENVIORS.COM | CDP No. 10000110

DESIGNED	SLE/SS			
DRAWN	DJE			
CHECKED	SLE/SS			
APPROVED	SLE			
JOB NO.	10100292			
DATE:	July 11	NO.	REVISION DESCRIPTION	DATE

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City of Lake Wales CDBG Grant Program Budget

Activity	CDBG Budget	LMI Benefit
Sewer Line Replacment	\$560,000	+51%
Engineering	\$39,000	NA
Grant Administration	<u>\$51,000</u>	NA
Total	\$650,000	

Other Funds: \$936,664 from the SRF program

Amount of other funds claimed for CDBG grant scoring purposes: \$50,000

Total Construction Cost: \$936,664 + \$560,000 = \$1,496,664