MEMORANDUM

Agenda Item No. 8(N)(4)

TO:

Honorable Chairman Jean Monestime

and Members, Board of County Commissioners

DATE:

July 6, 2016

FROM:

Abigail Price-Williams

County Attorney

SUBJECT:

Resolution approving the

donation of newly installed water and sewer facilities to the City of Florida City for the operation and maintenance of such facilities located on County owned property at SW 344th Street Park and Ride Facility; and authorizing the County Mayor to approve the donation

Resolution No. R-643-16

County Attorney

The accompanying resolution was prepared by the Transportation and Public Works Department and placed on the agenda at the request of Prime Sponsor Commissioner Dennis C. Moss.

APW/smm

Memorandum MIAMI-DADE

Date:

July 6, 2016

To:

Honorable Chairman Jean Monestime

and Members. Board of County

Commissioners

From:

Carlos A. Gimenez

Mayor

Subject:

Resolution Approving The Donation of Newly Installed Water and Sewer Facilities to the City of Florida City for the Operation and Maintenance of Such Facilities Located on County Owned Property at SW 344 Street Park and Ride Facility; and Authorizing the County Mayor or County Mayor's Designee to

Approve the Donation

RECOMMENDATION

It is recommended that the Board of County Commissioners (Board) approve the attached Resolution authorizing the donation of newly installed water and sewer lines to the City of Florida City (City), for the operation and maintenance of such facilities across property owned by Miami-Dade County (County) located at the southern terminus of the Busway Extension (Busway) to the City adjacent to the north side of West Palm Drive (SW 344 Street) between NW 2 Avenue and NW 3 Avenue in the City, also known as the SW 344 Street Park and Ride Facility. The City owns and operates the water and sewer system serving the City limits and provides the service to the SW 344 Street Park and Ride Facility. This resolution authorizes the County Mayor or the County's Mayor's designee to approve the donation.

SCOPE

The existing and newly installed water and sewer lines are located within Commissioner Dennis C. Moss' District 9.

FISCAL IMPACT/FUNDING SOURCE

The total value of the newly installed water and sewer lines is \$62,743.00. The long-term maintenance will be performed by the City, therefore, is positive as it relieves the County from maintaining and operating the newly installed utilities.

TRACK RECORD/MONITOR

The County has previously granted similar donations to other municipalities. The County and the City have also benefited from each other in terms of conveyances for public uses. The person responsible for monitoring this donation is Froilan I. Baez, Chief of the Right of Way for the Utilities and Joint Development Division of the Department of Transportation and Public Works (DTPW).

BACKGROUND

On September 13, 2011, the City passed and adopted Resolution 11-44 for the conveyance of a small parcel to the County for the project. The City also closed two (2) roadways and an alley in the interest of the County for the project pursuant to City Resolution 13-07. The vacated roadways contain passageways of the City's existing utilities, which are to remain on site. Both these City parcels plus the 13 County parcels acquired encompass the Park and Ride property. DTPW has constructed the Park and Ride Facility. The construction included additional sewer and water lines with fixtures, which are servicing the newly constructed comfort station of the facility in addition to

Honorable Chairman Jean Monestime and Members, Board of County Commissioners Page 2

the existing utilities on the property (see attached "Bill of Sale" describing both the water and sewer components).

The construction of this Park and Ride Facility was completed in April 2015 and is open to the public. However, it is necessary to donate the newly installed water and sewer utility lines for the City to continue operating and maintaining the utility lines.

This Park and Ride Facility is at the end of the line of the Busway and contains 248 parking spaces for transit patrons. It is a central hub that patrons have been using to travel further North to Downtown Miami via the Metrorail or South to the Florida Keys via the Dade-Monroe Express Bus Service. To date, the County has already granted easements over the property for the utilities pursuant to Resolutions R-810-15 and R-871-15.

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TO:	Honorable Chairman Jean Monestime and Members, Board of County Commissioners	DATE:	July 6, 2016	
FROM:	Abigail Price-Williams County Attorney	SUBJECT	: Agenda Item No.	8(N)(
 P	lease note any items checked.			
	"3-Day Rule" for committees applicable it	f raised		
·	6 weeks required between first reading an	ıd public hearii	ıg	
	4 weeks notification to municipal officials hearing	required prior	to public	
	Decreases revenues or increases expenditu	ures without ba	lancing budget	
	Budget required		·	
	Statement of fiscal impact required			
	Statement of social equity required		/	
	Ordinance creating a new board requires report for public hearing	detailed Count	y Mayor's	
 	No committee review			-
	Applicable legislation requires more than 3/5's, unanimous) to approve		e (i.e., 2/3's,	
	Current information regarding funding so	ource, index co	de and available	

balance, and available capacity (if debt is contemplated) required

Approved	Mayor	Agenda Item No.	8(N)(4)
Veto		7-6-16	
Override			

RESOLUTION NO. R-643-16

RESOLUTION APPROVING THE DONATION OF NEWLY INSTALLED WATER AND SEWER FACILITIES TO THE CITY OF FLORIDA CITY FOR THE OPERATION AND MAINTENANCE OF SUCH FACILITIES LOCATED ON COUNTY OWNED PROPERTY AT SW 344TH STREET PARK AND RIDE FACILITY; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO APPROVE THE DONATION

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that:

<u>Section 1.</u> This Board authorizes the donation of newly installed water and sewer facilities to the City of Florida City having being installed as part of the 344th Street Park and Ride Facility (see attached "Bill of Sale").

<u>Section 2.</u> This Board further authorizes the County Mayor or the County Mayor's designee, to take all actions necessary to effectuate same, and to exercise all provisions contained therein.

Section 3. This Resolution shall be filed in the Clerk of the Courts Office of Miami-Dade County within 30 days of the Florida City approval of its Resolution to accept the same from the County. A copy of the City of Florida City Resolution must be attached as part of this Resolution.

Agenda Item No. 8(N)(4) Page No. 2

The foregoing resolution was offered by Commissioner **Dennis C. Moss** who moved its adoption. The motion was seconded by Commissioner **Rebeca Sosa** and upon being put to a vote, the vote was as follows:

Jean N	Ionestime, C	Chairman aye				
Esteban L. Bovo, Jr., Vice Chairman aye						
Bruno A. Barreiro	aye	Daniella Levine Cava	aye			
Jose "Pepe" Diaz	aye	Audrey M. Edmonson	aye			
Sally A. Heyman	aye	Barbara J. Jordan	aye			
Dennis C. Moss	aye	Rebeca Sosa	aye			
Sen. Javier D. Souto	aye	Xavier L. Suarez	aye			
Juan C. Zapata	aye					

The Chairperson thereupon declared the resolution duly passed and adopted this 6^{th} day of July, 2016. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA BY ITS BOARD OF COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: Christopher Agrippa
Deputy Clerk

Approved by County Attorney as to form and legal sufficiency.



Bruce Libhaber

BILL OF SALE

KNOW ALL I/IIEN BY THESE PRESENTS:

WHEREAS, Miami-Dade Transit/ Park & Ride Facility. hereinafter referred to as "Party of the First Part", did heretofore extend water main and sewer main facilities of the CITY OF FLOR IDA CITY, a Florida Municipal Corporation, hereinafter referred to as "Party of the Second Part", whereby Party of the First Part agreed to furnish and install water main and sewer main facilities on a certain property located in Miami-Dade County, Florida more particularly described in Exhibit "A" attached hereto, and after the furnishing and installation thereof, to transfer and set over the same unto Party of the Second Part; and

WHEREAS, Party of the First Part have furnished, constructed and installed on the properties hereinafter described, and now desires to transfer and set over the same unto Party of the Second Part;

NOW, THEREFORE, for and in consideration of the sum of ten dollars (\$10.00) and i other valuable considerations to it in hand paid by Party of Second Part, the receipt whereof is hereby acknowledged, Party of the First Part have granted, bargained, sold, transferred and delivered, and by these presents does grant, bargain, sell transfer and set over unto said Party of the Second Pact, its successors and assigns, the following:

All pipes, mains, equipment, fittings, valves, fire hydrants, manholes, and facilities of every kind, description and nature furnished, constructed and installed by Party of the First Part, used or to be used by Party of the Second Part in connection with the supplying of water and sewer service now or hereafter lying above, on and beneath the properties of the Party of the First Part as described above, or any part thereof, and now or hereafter lying over, on and beneath any and all presently or hereafter dedicated highways, streets, terraces, avenues, courts, alleys, public places and casement strips as shown on any hereafter recorded plats of said properties, and now or hereafter lying over, on and beneath any other property, public or private, used or to be used by Party of the Second Part in connection with the supplying of water and sewer service to the properties of Party of the First Part, including but not limited to the properties set forth and described in the schedule hereto attached as Exhibit liB and made a part hereof.

TO HAVE AND TO HOLD the same unto the said Party of the Second Part, its successors and assigns, forever,

AND said Party of the First Part, for itself and its successors and assigns, covenants to and with said Party of the Second Part, its successors and assigns that it is the lawful owner of the above described goods and chattels; that they are free from all encumbrances; that it has good right to sell the same aforesaid and that it will warrant and defend the sale of said property, goods and chattels hereby made unto said Party of the Second Party, its successors and assigns, against the lawful claims and demands of all persons whomsoever.

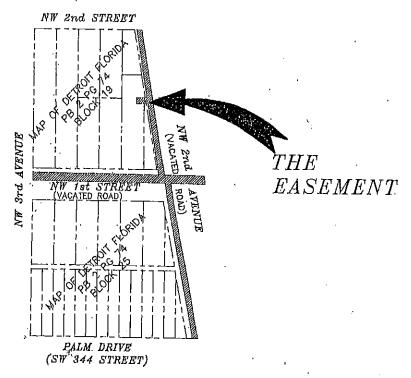
IN WITNESS WHEREOF, the undersigned have caused these presents to be executed ___day____,2015 Signed, sealed and delivered Miami-Dade Transit/ Park & Ride Facility presence of; Witness Witness State Of Florida County Of Miami Dade county I DO HEREBY CERTIFY that on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgment known to be the person described herein, who executed the foregoing Bill of Sale, and acknowledged before me that he executed the same freely and voluntarily for the purpose therein expressed. WTNESS my hand and official seal in _____County ,State of _ day of

Approved as to form and legal sufficiency

Alexander S. Bo Koc
Assistant Canty Attorney



EXHIBIT "A"



LOCATION MAP

SURVEYOR S NOTES:

- THIS SKETCH AND LEGAL DESCRIPTION DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- 2. SEE SHEET 2 FOR LEGAL DESCRIPTION.
- 3. SEE SHEET 3,4 AND 5 FOR GEOMETRIC SKETCH.
- 4. BEARINGS SHOWN HEREON WAS BASED UPON AN ASSUMED VALUE OF N10°23'20"W FOR THE EAST LINE OF BLOCK 25 OF MAP OF DETROIT FLORIDA (PB 2, PG 74). AS SHOWN ON THIS SKETCH

LEGEND

PBPLAT BOOK	•		• •		,
PGPAGE					,
N.T.S NOT TO SCALE	•			•	
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POB POINT OF BEGINNING		•			
POT POINT OF TERMINATION	N .				
RUE, RANGE	• •				
SECSECTION	FLORIDA	INTERNATIONAL	LAND SURVEYORS,	No de	
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EnvENVELOPE	_	, ,			
M.D.T. ,MIAMI-DADE TRANSIT		· // ·	~ ~		
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THIS SHEET IS NOT VALID WITHOUT THE OTHER FOUR (4) SHEET

JOB, No.1 J105-15-B Env.1 M.D.T

DATE: 05-07-15

Drawni EG

State of Florida,

Reg. Land Surveyor No. 3103

Sheet 1 of 5 Sheets

EXHIBIT "A" LEGAL DESCRIPTION

A strip of land 12.00 feet wide, water line easement, being a portion of Northwest 2nd Avenue, a vacated land as per resolution 13-07 of the City of Florida City, recorded in ORB 28536 at Page 3467 and portion of Northwest 1st Street as per resolution 13-07 of the City of Florida City, recorded in ORB 28536 at Page 3486 and a portion of Block 25 and Block 19 of "MAP OF DETROIT FLORIDA", according to the plat thereof as recorded in Plat Book 2, at Page 74 of the Public Records of Miami-Dade County, Florida, lying 6.00 feet on each side of the centerline of the 12.00 feet wide water line easement more particularly described as follows:

Commence at the Southeast corner of the said Block 25, thence run easterly along the extension to the East of the southterly line of said Block 25 for a distance of 18.94 feet to Point of Beginning of the centerline of a 12.00 feet wide water line easement; thence run N10°57'21"W for a distance of 308.72 feet to a point; thence run N08°24'24"W for a distance of 46.60 feet to Point "A"; said Point "A" intercept a line at equal distance between a 16 inches water lines and 6 inches water lines running paralell with each other; thence run N89°32'02"W for a distance of 11.01 feet to Point "B"; thence run N09°50'51"W for a distance of 169.98 feet to Point "C"; thence run N09°48'27"W for a distance of 155.38 feet to the Point of Termination of the centerline of said 12.00 feet wide water line easement. Easement lines are to be shortened or lenghtened to provide a continuos 12.00 feet wide water line easement.

And

Begin at the aforementioned Point "A"; thence run S89°32'02"E for a distance of 82.15 feet to the Point; of Termination of the centerline of 18.00 feet wide water line easement. Easement lines are to be shortened or lenghtened to provide a continuos 18.00 feet wide water line easement.

And .

Begin at the aforementioned Point B; thence run N89°32'02"W for a distance of 292.53 feet to the Point; of Termination of the centerline of 18.00 feet wide water line easement.

And

Begin at the aforementioned Point C; thence run S85°59'52"W for a distance of 31.73 feet to the Point; of Termination of the centerline of 12.00 feet wide water line easement.

The side lines of said 18.00 feet wide water line easement are to be extended or shortened at each angular bisector point of intersection and at Point of Termination with east line of NW 3rd Avenue.

Said strip of land situate, being and lying in the City of Florida City, Miami-Dade County, Florida.

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY: that the attached Sketch and Legal Description of Sewer Lines Easement is correct to the best of my knowledge and belief as recently surveyed under my direction, and meets the intent of the Minimum Technical Standards set forth by the Florida Board of Professional Land Surveyors and Mappers in Chapter 5J-17, Florida Administrative Code, pursuant to Section 472.027 of Florida Statutes

FLORIDA INTERNATIONAL LAND SURVEYORS, INC. (LB 2668)

State of Florida.

VICENTE A, TOME Reg. Land Surveyor No. 3103

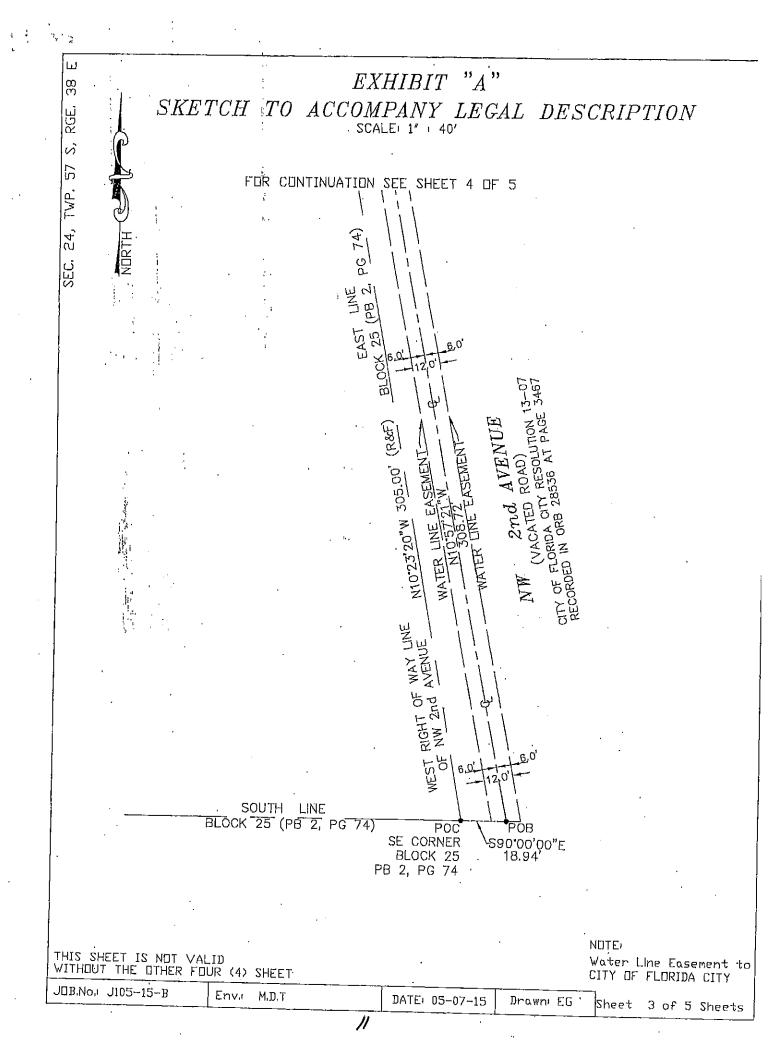
THIS SHEET IS NOT VALID WITHOUT THE OTHER FOUR (4) SHEET JDB,No, J105-15-B

Enva

DATE: 05-07-15

Drawn EG

Sheet 2 of 5 Sheets



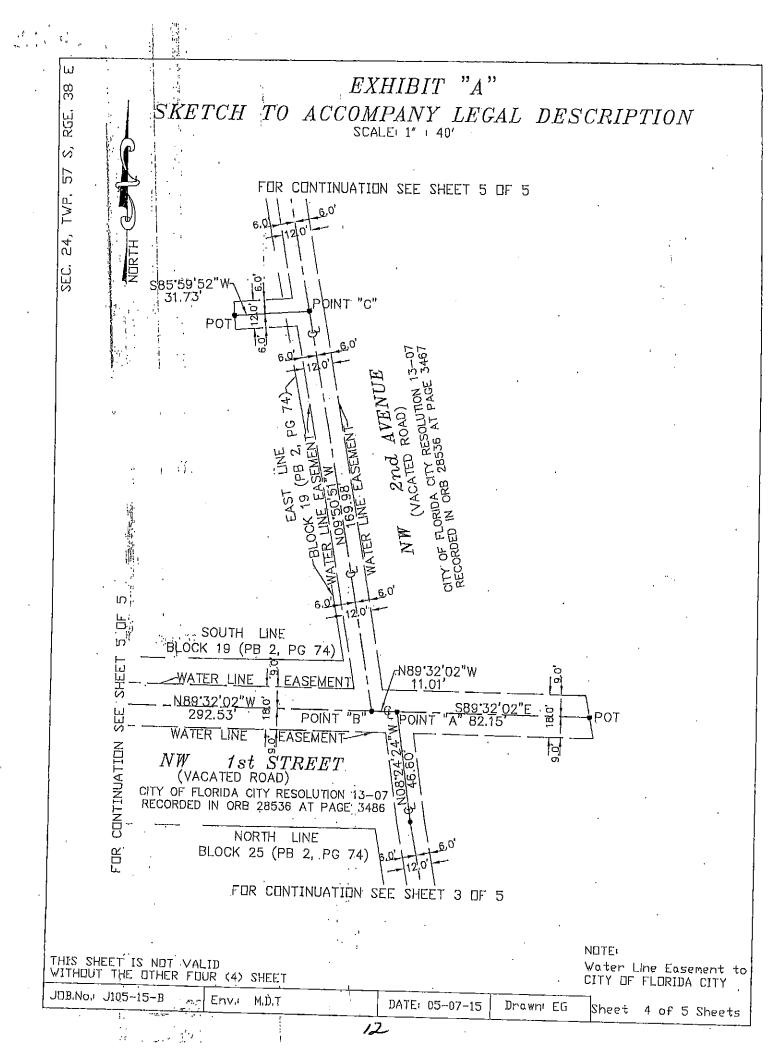


EXHIBIT "A" ACCOMPANY LEGAL DESCRIPTION RGE. SCALE: 1" | 40' S 57 Ţ VP. NW2nd STREET POT NORTH LINE BLOCK 19 (PB 2, PG 74) SEC. FOR CONTINUATION SEE SHEET 4 DF 5 NW 3rd AVENUE (PB S SOUTH LINE BLOCK 19 (PB 2, PG 74) POT WAY UNE CONTINUATION SEE WATER LINE EASEMENT S S 1st STREET (VACATED ROAD) CITY OF FLORIDA CITY RESOLUTION 13-07 RECORDED IN ORB 28536 AT PAGE 3486 EAST RIGHT OF OF NW 3rd A NORTH LINE BLOCK 25 (PB 2, PG 74) NOTE THIS SHEET IS NOT VALID WITHOUT THE OTHER FOUR (4) SHEET Water Line Easement to CITY OF FLORIDA CITY JDB.No.1 J105-15-B Envir M.D.T. DATE: 05-07-15 Drawni EG Sheet 5 of 5 Sheets 13

EXHIBIT "B"

SCHEDULE OF SALE

FROM: MIAMI DADE TRANSIT-PARK & RIDE FACILITY

TO: CITY OF FLORIDA CITY

WATER

252 LF 1" HDPE PIPE

5 EA 1" Service Connections

1 EA Fire Hydrant Relocation

26 LF 6" D.I. Pipe

SEWER

26 LF 6" C900 SDR 18 Pipe

288 LF 8" C900 SDR 18 Pipe

3 EA Manholes

BILL	OF MATERIALS	
DATE: 5-15-2015	Raliet Environmental	
	contractor: Baljet Environmental construction & Engineering	
LOCATION: 254 W. Palm Drive Florida City	CONTRACTOR: 1011da Construction & Engineeri	ng, inc
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
WATER:	SEWER:	
WATER BILL OF MATERIALS	SEWER BILL OF MATERIAL	
26LF 6 DIP O "DIP O "DIP O "DIP 252 LF 1 PVC O "PVC 1 FIRE HYDRANT ASSEMBLIES SINGLE SERVICES O DOUBLE SERVICES O COURSE SERVICES O "TURBO METER SERVICES O "FIRELINES O "FIRELINES VALVES (List in comments) WASD EASEMENT SHOWN EASEMENT LEGAL DESCRIPTION STATE PLANE COORDINATES	0	
COMMENTS:		
	GENERATOR D GENERATOR HOUSING	
The fire hydrant was reloc	GENERATOR SIZE	94
<u> </u>		
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·	•	
	ł	
THE ABOVE MATERIAL LIST IS CORRECT	TO THE BEST OF MY KNOWLEDGE.	
Florida Construction &		
Engineering, Inc	6-15-2015	
CONTRACTOR'S COMPANY NAME	DATE CONTRACTOR'S SIGNATURE	•
	₿	

Corporate Offices

3421 Old Vestal Road, Vestal, NY 13850
800,836,4350 607,729,9381 Fax: 607,729,6130
www.nationalpipe.com

American-made products since 1970

March 16, 2015

CERTIFICATION OF CONFORMANCE

THIS CERTIFIES THAT THE FOLLOWING MATERIAL(S):

8" DR18 C900 PVC GSKT PIPE GREEN 6" DR18 C900 PVC GSKT PIPE GREEN

AS MANUFACTURED BY NATIONAL PIPE & PLASTICS, INC. AND SUPPLIED TO:

FERGUSON WATERWORKS 7480 NW 48TH STREET MIAMI, FL CONTRACTOR: PROJECT:

Fla Constr. & Engineering

Park & Ride Facility SW 344 & Busway Florida City, Fl 33034

MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION(S):

AWWA C-900, NSF STD #61, ASTM D-1784, ASTM D-3139, ASTM F-477; NSF-PW

National Pipe & Plastics, Inc.

Quality Control Department

PRODUCT WARRANTY

National Pipe & Plastics, Inc. (National) warrants its PVC pipe and fittings against defective workmanship and material for a period of one year from date of applicable invoice. National's liability hereunder, either for breach of warranty or for negligence, is expressly limited, at National's option, to A) Replacement at the agreed point of delivery, at no cost to the Purchaser, of any product found by National to be defective or found not to conform to the applicable industry manufacturing standards, or B) to the refund or crediting to the Purchaser or the purchase price of such products, provided that National is notified immediately upon the discovery of any claimed defect and that representative samples of the allegedly defective product are returned, transportation prepaid, at National's request. No claim under this Product Warranty will be considered until the product and representative samplings thereof have been examined by National.

The above warranty constitutes the entire liability of National. National shall not be liable for any incidental or consequential damages directly or indirectly arising or resulting from the sale, transportation, handling, installation or use of the products sold, nor for product losses, reinstallation or labor costs.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATIONS OR LIABILITY ON THE PART OF NATIONAL.

Situations that void this Product Warranty:

- 1. Excessive pressure-temperature combination during test or operation.
- 2. Malfunction or improper use of line devices adversely affecting pipe performance.
- Use of the product under conditions for which the product was not designed, including, but not limited to, improper system design, under-sizing, over-pressure, water hammer or other negative performance features.
- 4. Failure to adhere to National's General Instruction Sheets concerning the proper handling, installation and testing of the product.
- 5. Over insertion of pipe or insertion of pipe past the insertion mark on gasket pipe application.
- 6. Improper installation and/or design of air relief systems.
- 7. Use of other than applicable and recommended solvents and lubricants.
- 8. Installation of the product in the ground for use as well-casing, except for ASTM F-480 products, use of the product for the transmission or transportation of natural gas or any other gaseous element or use with any compressed air systems.
- 9. National must be notified of any defect prior to repair and such repair must be authorized by National.
- 10. Purchaser must provide National the opportunity to view and test pipe samples suspected to be defective including inspection of installation procedures and job site conditions.

National Pipe & Plastics, Inc. 3421 Old Vestal Road, Vestal, NY 13850



AMERICAN CAST IRON PIPE COMPANY QUALIFICATION REPORT OF SHIPMENT CERTIFICATE OF ORIGIN

Date: 04/29/15

Order No. D574506-001 P.O. L1216-341-2

CUSTOMER

FEI-Miami #1216 10810 Southwest 184^{ch} Street Miami, FL 33157

•

PARK & RIDE

DESTINATION.

Florida Construction & Engineering, Inc. SW 344 ST & BUSWAY

Florida City, FL 33034

SHIPMENT

	PCS .	MATERIALS	COATING LINING TEST	
[> 20'	6" Fastite Ductile-Iron Pipe,	Cementlined - Inside	
	·	Class 350/50, C/L, 20-01-0/0 lg.	Asphaltic Coated Outside	
١			500 PSI Hydrostatic Test	• •
		8" Fastite Ductile-Iron Pipe,		
	·	Class 350, C/L, 20-01-0/0 lg.		·
		4" Fastite Ductile-Iron Pipe,		
	l l			
		Class 350, C/L, 20-01-0/0 lg.	F	
		12" Fastite Ductile-Iron Pipe,	•	
		Class 350, C/L, 20-01-0/0 lg		
		C1000 0101 0111 10 01 010 11		
		,		

WITH THE FOLOWING SPECIFICATIONS:

PER LATEST REVISION,
DUCTILE IRON PIPE - ANSI/AWWA C150/A21.50 and ANSI/AWWA C151/A21.51
FLANGE PIPE - ANSI/AWWA C115/A21.15
FITTINGS - ANSI/AWWA C110/A21.10 OR C153/A21.53
MJ, FASTITE, & FLANGE - ANSI/AWWA C111/A21.11
CEMENT LINING - ANSI/AWWA C104/A21.4
ASPHALTIC COATING - PER APPLICABLE ANSI/AWWA FIPE & FITTINGS SPECIFICATIONS
POLYETHYLENE ENCASEMENT - ANSI/AWWA C105/A21.5
GROOVED & SHOULDERED TYPE JOINTS - AWWA C606
FUSION BONDED EFOXY LINING - CLASSIFIED TO ANSI/NSF STANDARD 61

ANY MATERIAL NOT COVERED BY ABOVE SPECIFICATIONS WILL BE PER MANUFACTURER'S STANDARDS. "ACIPCO SUPPLIES THIRD-PARTY MANUFACTURED LITEMS, ESPECIALLY 4"-12 FITTINGS AND 4" PUBH-ON PIPING, TO AUGMENT ITS PRODUCT LINE AND PRODUCTION CAPACITY TO MEET CUSTOMER'S NEEDS."

All above material manufactured in USA

Notary Public

NUTARY PLANEO STATE OF ALASSIMA AT LANGUE MY COMPRINCON EXPEREN. Foo 18, 2014

QD - AA3F073

185UE DATE: 04/26/94



endot industries, inc.

PIPE AND TUBING • DUCT AND INNERDUCT

CERTIFICATE OF COMPLIANCE

Endot Industries, Inc. certifies that the product(s) listed are produced and tested in accordance with the standards listed below and meet or exceed these standards.

ENDOPOLY

200 PSI - PE 3408 / PE 4710 WATER SERVICE TUBING (CTS)

SPECIFICATION SHEET

APPLICABLE STANDARDS:

a contract of the contract of	112 7 112 112 112
ASTM D3350	Cell Classification 445574C
ASTM D2737	Meets PE3408 / PE 4710 Requirements
NSF	Listed Under Standard 14 for Potable Water
AWWA C901	Conforms as 200 PSI & SODR 9 (CTS)

WATER SERVICE TUBING (CTS) - ASTM D2737 STANDARD OUTSIDE DIAMETER RATIO (SODR) = 9

SIZE	NOMINAL O.D.	NOMINAL I.D.	MINIMUM WALL	WEIGHT PER 100 FT.	STANDARD COIL SIZE.
3/4	0.875	0.675	.097	10.0	500/100
> 1	1.125	0.865	.125	16.5	300/100
1-1/4	1.375	1.059	.153	24.8	300/100
1-1/2	1.625	1.253	.181	34.3	300/100
2	2,125	1.629	.236	59.2	200/100

PARK & RIDE FACILITY

For Endot Industries, Inc.

Florida Construction & Engineering

Richard G. Kraft, V.P. Sales and Marketing

ENDOT INDUSTRIES, INC.

www.endot.com - e-mail info@endot.com

CORPORATE HEADQUARTERS: 60 Green Pond Road, Rockaway, NJ 07866 -- 800 443 6368 - FAX 973 625 4087 MID-WEST OPERATIONS: 739 County Road 1, South Point, OH 45680 -- 800 345 3990 -- FAX 740 377 9844 TENNESSEE OPERATIONS: 400 Bohannon Avenue, Greeneville, TN 37745 -- 800 438 5851 -- FAX 423 639 3722 OKLAHOMA OPERATIONS: Mid America Industrial Park, Pryor Creek, OK 74361 -- 800 443 6368 -- FAX 973 625 4087

