



Interoffice Memorandum

REAL ESTATE MANAGEMENT ITEM 5

DATE: December 13, 2021

TO: Mayor Jerry L. Demings
-AND-
County Commissioners

THROUGH: Mindy T. Cummings, Manager
Real Estate Management Division *mtc*

FROM: Anmber Ayub, Senior Title Examiner
Real Estate Management Division *AA*

CONTACT PERSON: **Mindy T. Cummings, Manager**

DIVISION: **Real Estate Management Division**
Phone: (407) 836-7090

ACTION REQUESTED: Approval and execution of Resolution and authorization to initiate condemnation proceedings

PROJECT: Buck Road Bridge Replacement of the Little Econ River

District 5

PURPOSE: Acquisition of one fee simple parcel for road right of way required for construction and maintenance of the roadway.

ITEMS: Resolution (Parcel 1005)

APPROVALS: Real Estate Management Division
Public Works Department

REMARKS: This is the first submittal of a parcel for this project to be acquired through eminent domain.

APPROVED
BY ORANGE COUNTY BOARD
OF COUNTY COMMISSIONERS
JAN 11 2022

Upon a motion by Commissioner Uribe, seconded by Commissioner Moore, and carried with all present members voting AYE by voice vote; the Board adopted the following:

RESOLUTION

WHEREAS, during FY 15/16, the Board approved the project known as Buck Road Bridge Replacement over the Little Econ River to construct a new roadway, add sidewalks and turn lanes, address the drainage problems, and improve the traffic flow as outlined in the staff report attached as Exhibit "A"; and

WHEREAS, in connection with the construction, repair and maintenance of the Buck Road Bridge Replacement over the Little Econ River project by Orange County, a charter county and political subdivision of the State of Florida, it is necessary that said County have the required area for roadway purposes and it is necessary and in the public interest that there be acquired the required fee simple interest in certain land for proper construction and maintenance of the above road in the County's Road System; and

WHEREAS, efforts to purchase said land from the owner of said land have been unsuccessful to date.

NOW THEREFORE, BE IT RESOLVED by Orange County, a charter county and political subdivision of the State of Florida, by and through the Board of County Commissioners of said County, that the acquisition of the required fee simple interest in the required land necessary for roadway purposes has been found to be and is hereby found to be necessary, practical, and to the best interest of Orange County, Florida, and the people of said County, and the same is for a County purpose; and be it further

RESOLVED that for the purposes aforesaid, it is necessary, practical, and to the best interest of the public and Orange County and of the people of said County that the fee simple interest for roadway purposes be acquired in the name of said County by gift, purchase, eminent domain proceedings, or otherwise over and upon all of that certain piece, parcel or tract of land, situate, lying and being in Orange County, Florida, as described in the attached Schedule "A" and Schedule "B"; and be it further

RESOLVED that the property description under parcel number 1005 is ratified and confirmed and found necessary for this project to the extent of the estate or interest set forth as a part of the parcel description, the above referenced description being attached hereto as Schedule "A" and Schedule "B", and made a part by reference hereof, that Orange County, the Board of County Commissioners of said County, the Deputy Clerk of said Board of County Commissioners, the attorneys of said Board of County Commissioners and County, and all appropriate departments, officers and employees of said County be, and they are hereby authorized and directed to proceed to take necessary steps to institute and prosecute such necessary actions and proceedings as may be proper for the acquisition of the required fee simple interest in said land by gift, purchase, eminent domain proceedings or otherwise, and to prepare, sign, execute, serve, publish, and file, in the name of the County by its commissioners, all eminent domain papers, affidavits and pleadings, and said attorneys are authorized to have prepared, at said County's expense, such abstract of title search as may be necessary in connection therewith.

ADOPTED THIS JAN 11 2022



ATTEST: Phil Diamond, CP
County Comptroller
as Clerk of the Board
of County Commissioners

ORANGE COUNTY, FLORIDA
By: Board of County Commissioners

BY: *Jerry L. Demings*
Jerry L. Demings
Orange County Mayor

BY: *Emily Rivera*
Deputy Clerk
Emily Rivera
Printed Name

DATE: 12 January 2022

**STAFF REPORT
Buck Road Bridge
CIP 2852**

September 22, 2021

Project Summary

As part of the bridge and major drainage structures program, the County has resolved to replace bridges which require a weight limit posting. Based on the load rating analysis dated 11/09/09 posting is required, based on the Operating ratings, for Single Unit (SU) vehicles as follows: SU = 33 tons. The structure is posted at both approaches and has been reduced from a 30 ton weight limit to a 10 ton weight limit since the 2015 Inspection. During a routine bridge inspection performed by the Florida Department of Transportation (FDOT) on September 15, 2015 several deficiencies were observed regarding the bridge's timber pile substructure. Subsequently, a Significant Deficiency Advisory was issued by FDOT through Ayres Associates, Inc. acting as FDOT's Bridge Inspection Consultant on October 30, 2015. At the time of the 09/13/16 special - interim inspection, the posting signs has been changed to 10 tons base on the outcome of the inspection.

The purpose of the project is to construct a new 2-lane bridge and roadway approach to replace the existing bridge over the Little Econlockhatchee River at the Buck Road crossing (Bridge No. 754005), approximately 0.1 miles west of Rouse Road. The existing bridge, which was constructed in 1956 to replace a bridge that was built in 1932, is showing signs of structural wear and the low cord member does not meet the minimum clearance height over the 50-year event water surface elevation. Although some repairs to the piers were recently completed as an interim solution to the structural wear, replacement of this bridge is recommended to bring the bridge to current standards.

Safety Considerations

The bridge is located on Buck Road approximately 0.1 miles west of Rouse Road near University Boulevard. Buck Road is classified as a two lane urban collector and the posted speed limit is 40 MPH. The bridge was built in 1956 and consists of a concrete flat slab superstructure on pile bents with timber piles and timber cross bracing. The bridge is classified as Structurally Deficient and is posted with a 10 ton weight limit restriction.

Per a Florida Department of Transportation (FDOT) Bridge Inspection Report – Special Posted Inspection dated November 11, 2009 the Buck Road Bridge was found to require a weight limit posting. As part of the bridge and major drainage structures program, the County has resolved to replace bridges which require a weight limit posting. This will eliminate the undesirable potential of having vehicles which exceed the weight limit from crossing these bridges.

Alternative Alignments

All improvements will be constructed within the limits of existing and proposed right-of-way. Two slivers of proposed right-of-way are required at the northeast and northwest corners of the intersection of Buck Road and Riverdale Road to accommodate the proposed drainage improvements. A Temporary Construction Easement is required at the northeast end of the

bridge for constructing the replacement bridge and appurtenant facilities. A no-build alternative was considered, however the need for safer conditions did not favor this option.

Long Range Planning

The Florida Department of Transportation (FDOT) has a statewide bridge inspection program which requires inspection every two years. Bridges which are classified as structurally deficient are inspected by FDOT every year. The County has an ongoing bridge replacement program to replace bridges which are classified as structurally deficient by FDOT.

The Buck Road Bridge is classified as Structurally Deficient and is included in the County's bridge replacement program.

Environmental Considerations

The County will acquire all applicable Federal, State and Local permits required for the Buck Road Bridge construction.

Costs

The design cost for the project is approximately \$671,000.

The right-of-way cost for the project is approximately \$386,000.

The estimated construction cost for the project is approximately \$7,000,000.

Therefore, the total project cost is approximately \$8,057,000.

Conclusion

In accordance with the Florida Department of Transportation's Bridge Inspection Report and the load rating analysis summary, replacement of Buck Road Bridge is required to bring the bridge to current standards by the County.

SCHEDULE "A"

DESCRIPTION PARCEL 1005:

A portion of Lot 13, Riverdale Farms according to the plat thereof recorded in Plat Book W, Page 137, Public Records of Orange County, Florida, being more particularly described as follows:


Begin at the Southwest corner of Lot 13, Riverdale Farms according to the plat thereof recorded in Plat Book W, Page 137, Public Records of Orange County, Florida, said point being on the North right of way line of Buck Road per State of Florida State Road Department right of way map Section No. 7565-150, said point also being on the East right of way line of Riverdale Road as shown on said plat; thence North 00°56'50" West, a distance of 77.44 feet along said East right of way line; thence departing said East right of way line North 89°54'38" East, a distance of 20.00 feet to a point on a line that is 20.00 feet East of and parallel with said East right of way line; thence South 00°56'50" East, a distance of 22.37 feet along said parallel line to a point on a line that is 55.00 feet North of and parallel with said North right of way line; thence North 89°43'43" East, a distance of 316.24 feet along said parallel line to a point on the East line of said Lot 13; thence South 00°09'45" East, a distance of 55.00 feet along said East line to a point on said North right of way line; thence South 89°43'43" West, a distance of 335.49 feet along said North right of way line to the POINT OF BEGINNING.

Containing 18,920 square feet, more or less.

SURVEYOR'S REPORT:

1. Bearings shown hereon are based on the North right of way line of Buck Road per State of Florida State Road Department right of way map Section No 7565-150 being South 89°43'43" West, assumed.
2. I hereby certify that the "Sketch of Description" of the above described property is true and correct to the best of my knowledge and belief as recently drawn under my direction and that it meets the Standards of Practice for Land Surveying Chapter 5J-17 requirements of Florida Administration Code.

NOT VALID WITHOUT SHEETS 1-2

DESCRIPTION	Date: 12/02/2020 KR	Certification Number: 63172003
FOR PEGASUS ENGINEERING, LLC	Job Number: 63172 Scale: 1" = 40'	 <p>SOUTHEASTERN SURVEYING AND MAPPING CORPORATION 6504 An American Boulevard Orlando, Florida 32810-4050 (407) 292-8580 e-mail: info@southeasternsurveying.com</p> <p><i>Ryan E. Johnson</i> RYAN E. JOHNSON, PSM Registered Land Surveyor Number 7130</p>
	Chapter 5J-17, Florida Administrative Code requires that a legal description drawing bear the notation that THIS IS NOT A SURVEY.	
	SHEET 1 OF 2 SEE SHEET 2 FOR SKETCH	

SKETCH OF DESCRIPTION

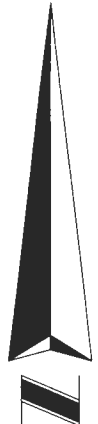
PARCEL 1005
PURPOSE : RIGHT OF WAY

LINE TABLE

LINE #	BEARING	LENGTH
L1	N89°54'38"E	20.00'
L2	S00°56'50"E	22.37'

LEGEND :

L1 = LINE NUMBER



RIVERDALE ROAD

60.00' RIGHT OF WAY PER
 PLAT BOOK W, PAGE 137

N00°56'50"W

77.44'

← EAST RIGHT OF WAY LINE

LINE 20.00' EAST OF AND
 PARALLEL WITH THE EAST
 RIGHT OF WAY LINE

LINE 55.00' NORTH OF AND PARALLEL WITH
 THE NORTH RIGHT OF WAY LINE

N89°43'43"E 316.24'

PARCEL 1005

NORTH RIGHT OF WAY LINE

S89°43'43"W 335.49'
BUCK ROAD

RIGHT OF WAY VARIES PER STATE OF FLORIDA STATE ROAD
 DEPARTMENT RIGHT OF WAY MAP SECTION NO 7565-150

POINT OF BEGINNING
 SOUTHWEST CORNER OF LOT 13,
 RIVERDALE FARMS, PLAT BOOK
 W, PAGE 137, PUBLIC RECORDS
 OF ORANGE COUNTY, FLORIDA

55.00'

S00°09'45"E



1" = 40'
 GRAPHIC SCALE

0 20' 40' 80'

Drawing No. 63172003
 Job No. 63172
 Date: 12/02/2020
 SHEET 2 OF 2
 See Sheet 1 for Description

THIS IS NOT A SURVEY.
 NOT VALID WITHOUT SHEET 1 THROUGH 2

**SOUTHEASTERN SURVEYING
 AND MAPPING CORPORATION**
 6500 All American Boulevard
 Orlando, Florida 32810-4350
 (407) 292-8580
 Certification Number LB2108
 e-mail: info@southeasternsurveying.com

SCHEDULE "B"

2852 BUCK ROAD BRIDGE REPLACEMENT PARCEL 1005

FEE SIMPLE

Parcel 1005: the interest being acquired is fee simple.