



Interoffice Memorandum

September 26, 2019

TO: Mayor Jerry L. Demings
and the Board of County Commissioners

FROM: Diana M. Almodovar, P.E., Interim Director, Public Works Department 

CONTACT PERSON: Julie R. Naditz, P.E., Manager 
Highway Construction Division

PHONE NUMBER: (407) 836-7930

SUBJ: Village H Horizon West Road Network Agreement (CR 545)-Amendment #1
from 3000 feet south of Flamingo Crossings Boulevard to Schofield Road

Orange County entered into a Road Network Agreement with numerous adjacent property owners (signatory owners) for the four-lane reconstruction of CR 545 from 3000 feet south of Flamingo Crossings Boulevard to Schofield Road. The agreement provided for the design, engineering, permitting, and construction of a three-mile section of CR 545 in four segments by the signatory owners in return for impact fee credits. Segment 1 has not commenced yet and is currently awaiting right of way acquisition. Segments 2, 3, and 4 are currently under construction.

Per the agreement, when the cumulative amount of change orders for the final design of any road segment exceeds 10% of the Engineer of Record's (EOR's) estimate, then Board approval is required.

The EOR estimate of \$1,376,925 for final design, survey, and environmental services for all four segments was submitted to the County Engineer on September 9, 2015, and was found to be acceptable. However, due to additional costs related to survey services, construction plan revisions, post design/contract administration services, unanticipated environmental permitting fees, and final design for signalization at the intersection of Flamingo Crossings Boulevard/CR 545, the original EOR estimate has increased to \$2,640,348.05.

September 26, 2019

TO: Mayor Jerry L. Demings and the Board of County Commissioners

SUBJ: **Village H Horizon West Road Network Agreement (CR545) - Amendment #1**

Page 2

The following are the previous contract actions:

Original Agreement: BCC Approval: 12/16/14 Amount: \$1,376,925

Orange County entered into a Road Network Agreement with numerous adjacent property owners for the four-lane reconstruction of CR 545 from 3000 feet south of Flamingo Crossings Boulevard to Schofield Road. The agreement included the design, engineering, permitting, and construction of an approximately three-mile section of CR 545.

Action Requested: Approval of Village H Horizon West Road Network Agreement - CR 545 Amendment #1 in the amount of \$1,263,423.05, for a revised total amount of \$2,640,348.05. District 1

DMA/JRN

Attachment

Village H Horizon West Road Network Agreement - CR 545 Amendment #1

	Vanasse Hangen Brustlin, Inc. (VHB) - design engineer	BioTech Consulting - environmental permitting	Donald W McIntosh - surveyor
Original approved amount 2015	\$ 1,102,000.00	\$ 30,000.00	\$ 119,750.00
Additional costs:	\$ 96,310.00	side street road design	
	\$ 26,950.00	legals & sketches (land transfers, environmental boundaries)	additional survey services (\$39,462.05)
	\$ 2,500.00	slope stability analysis	
	\$ 4,950.00	legals & sketches, TCE's, slope easements, future easements	
	\$ 131,901.00	phase 2 transition design 1000 LF temp transition	
	\$ 159,000.00	adjustments in response to OCU conflicts	
	\$ 329,450.00	post-design construction admin	
	<u>\$ 56,600.00</u>	design signalization CR 545 & Flamingo Crossings	
Increased amount:	\$ 807,661.00	\$ 416,300.00	\$ 39,462.05
Total Cost Increase:	\$1,263,423.05		