



Interoffice Memorandum

Date December 20, 2018

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

FROM: Mark V. Massaro P.E., Director, Public Works Department

CONTACT PERSON: **Deodat Budhu, P.E., Manager**
Roads & Drainage Division

PHONE NUMBER: **(407) 836- 7958**

SUBJ: **Florida Central Railroad Application for Facility Installation**

The north end of Dunbar Avenue in the Winter Garden area experiences frequent flooding of private properties due to a buried drainage culvert under the railroad. To re-establish this drainage connection, Florida Central Railroad (FCR) requires an application to be executed in order to facilitate the installation of a new drainage pipe.

The construction of this pipe will be coordinated with Florida Central Railroad, who will be responsible for the removal and replacement of the railroad tracks and other related infrastructure during the drainage pipe installation. Per the Application for Facility Installation, the cost for the removal and replacement of the tracks will amount to \$30,830, plus any additional engineering fees.

Please feel free to contact Mark Massaro at (407) 836-7970 if you have any questions.

Action Requested: Approval of Application for Facility Installation between Florida Central Railroad and Orange County for the installation of a drainage culvert under Florida Central Railroad tracks. District 1.

MVM/MJP/GS/hw

Attachment(s)

BCC Mtg. Date: January 8, 2019

Application for Facility Installation

Plans for proposed installation shall be submitted to and meet the approval and requirements of the Railroad Company before construction is begun. Material and installation are to be in strict accordance with specifications of the National Electrical Safety Code (NESC) or the American Railway Engineering Association (AREMA) which ever applies. **An original Plan, Section and Elevation views** from field survey showing location in respect to Mile Post, width of Railroad Right of Way, location of adjacent structures affecting crossing must accompany application. If open cutting or tunneling is necessary, details of sheeting and method of supporting tracks or driving tunnel shall also be shown. Flagging as defined by Railroad is required during installation and costs are responsibility of Agreement Holder.

THIS SECTION RAILROAD USE ONLY

Date Application Received by Road: **March 26, 2018**

Application Fee: **\$720.00**

RR Agreement No: **ORAN-60-001**

Railroad Approval: **K Kuivinen**

Digitally signed by K Kuivinen
 Date: 2018.03.08 13:29:24
 +0800

Licensing Type: **Other**

Licensing Amount: **See below**

If Other Licensing Type, describe: **Open cut costs in the amount of \$30,110.00 plus STV Engineering fees**

FIELDS BELOW TO BE FILLED IN BY APPLICANT

Narrative		
Please provide a Description / Scope of work to be performed (Include purpose, scope of work, special conditions)		
Installation of a 51 linear feet of 30" Class V RCP culverts under the FCR railroad tracks at a single location with a concrete head wall (FDOT Index No. 250) and concrete Type H inlet (FDOT Index No. 232)		
Installation Location Information		
City: Winter Garden	State: Florida	County: Orange
Railroad Location: Florida Central Railroad	GPS Latitude Entering ROW: 28°34'06.3386"	GPS Longitude Entering ROW: -81°33'31.3435"
Feet:	Select a direction from nearest railroad mile post:	Mile Post No: MP ATB-31 Christopher St
Angle between center line of right of way and occupancy will be (degrees):	No of RR Tracks to be crossed: 2	Total length within RR right of way measured in feet: 51'
Will facility be located within public road right of way:		
Facility Owner Information		
Legal Information		
Owner's Complete Legal Company Name: Orange County Roads and Drainage		
Legal Address Line 1: 4200 S John Young Parkway		
Legal Address Line 2:		
City: Orlando	State: FL	Zip: 32839
Business Type: Other	State of Business Registration:	
The following must be provided for the person who will sign off on agreement:	Name: Mark Massaro, P.E.	Title: Director of Public Works

Billing Information		
If same as legal address above, check here: <input checked="" type="checkbox"/>		
Billing City: Orlando	Billing State: FL	Billing Zip: 32839
Billing Address Line 1: 4200 S John Young Parkway	Billing Address 2:	
Owner Contact Information		
Contact Name: Mehul Parekh	Title: Chief Engineer	E-mail: Mehul.Parekh@ocfl.net
Office Phone: 407-836-7735	Extension:	Mobile Phone: 321-388-2802
Emergency Phone:		
Project Engineer/Consultant/Agent Information		
If same as legal address above, check here: <input checked="" type="checkbox"/>	Engineer/Consultant/Agent Company Name:	
Contact Name: Alexandra Bedoya		
Address Line 1: 4200 S John Young Parkway		
Address Line 2:		
City: Orlando	State: FL	Zip: 32839
Office Phone: 407-836-7793	Mobile Phone:	E-mail alexandra.bedoya@ocfl.net
Project Information		
Is this covered by existing Railroad permit/agreement or master agreement?	No	
Is this project related to another transaction/project with railroad?	Yes	
Is this a new installation? New Installation Request		
Will proposed installation connect to an existing facility within railroad corridor?	No	
Type of Installation: Pipe	Method: Sub-grade	Plans of any sub-grade $\geq 30"$ diameter are subject to review by Engineers of Railroad choice at cost & expense of facility owner.
Will this installation be parallel to railroad company tracks anywhere in excess of 150 feet?	No	
		If yes indicate length in feet.

Sub-grade Installation Information		
If sub-grade, select the proposed method of installation:		Open Cut
Bury: Base of rail to top of casing:		4.3'
Bury: Not beneath tracks:		NA
Bury: Roadway ditches:		NA
Temporary track support or riprapping required: No		
Wires, pole obstructions to be relocated: No		
Pipe Installation		
Pipe Type: Water – Storm	Flammable: No	
Max working pressure (PSI): NA	Test Pressure Type: NA	
Pipe Specifications	Carrier Pipe	Casing Pipe
Materials Specs & Grade	Class IV RCP	NA
Minimum Yield Strength of Material PSI	5500	NA
Mill Test Pressure PSI	NA	NA
Inside Diameter	30"	NA
Wall Thickness	2.75"	NA
Outside Diameter	35.5"	NA
Type of Seam	End to End	NA
Laying Lengths	4'	NA
Kind of Joints	Non Shrink Grout	NA
Number of Vents: NA	Size of Vents: NA	Height Above Ground: NA
Seals:	Cathodic Protection: No	Protective Coating: No
Type, size and spacing of insulators or supports: NA		

If this application is approved, the Applicant agrees to reimburse the Railroad in an amount equal to the Licensing Amount listed on the first page of this application. Without waiving its right of sovereign immunity, and subject to the limits of Section 768.28, Florida Statutes, the Applicant will be responsible for claims or injuries that arise out of its negligent acts or omissions in relation to this application. The Applicant will execute a license agreement with the Railroad. The Applicant and the Railroad agree that there is valid consideration exchanged by both parties hereto to support the obligation created by this application.

Date: 3/8/18	Written Signature: 
Title of Officer Signing Application: Director of Public Works	Printed Name of Officer Signing Application: Mark V. Massaro