



# CITY OF LONGWOOD

*Fostering citizen trust and cultivating a prosperous community*

## ADDENDUM II

June 6, 2016

To: Prospective Bidders & All Others Concerned

From: Greg Kirby, Purchasing Manager

Subject: IFB 04142016-GPK Church Ave Pavement Management

Due Date: June 10, 2016 @ 2 P.M. (EST)

The information included in the Addendum clarifies, modifies or supplements the specifications and other provisions of the solicitation documents and is considered part and parcel to the IFB package.

### **Clarifications:**

1. If the engineer wants the wall replaced in kind, can a detail be provided so we can properly estimate the wall? There is a gravity wall detail on 1 sheet 10.01. I assumed the detail on sheet 10.01 is the type of wall being constructed under pay item no. 110-20.
  - a. Answer: Use the FDOT index 6011 (See attached). Use real brick to cap the wall and a thin brick veneer for the face. The brick selection will need to be approved prior to installation to ensure that it matches the existing wall to remain.
2. For Church Avenue, typical section 2 shows complete roadway reconstruction, including base, while typical sections 3 and 4 show roadway rehabilitation, using the existing base, with widening for bike lanes. Is pay item 327-XXX - REMOVAL OF EXISTING ASPHALT inclusive of the roadway demolition on typical section 2 and the milling on typical sections 3 and 4? If so, Please provide separate quantities for roadway demolition and asphalt milling, including the depth.
  - a. Answer: For pay item 327-XXX – the number is inclusive. For the roadway demo – 6445 SY, for the milling – 5978 SY at 3” depth. You are divide the two items using 327-XXXA and 327-XXXB, if you desire or it can remain unchanged.
3. On the bid sheet there is a column allocated for the Contractors Quantities. However, the plans are not illustrated clearly, do not include a legend, and do not illustrate phase lines; therefore, on sheets 6.01 and 6.02 how is the Contractor to determine where to delineate between the different bid sheet breakouts?



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- a. On sheet 5.02 The Florida Avenue scope is to begin at the east curb return of Milwee Street or the "F" in Florida Avenue. On sheet 5.01 The Reiter Park improvement will terminate at the west side of the sidewalk along Church Ave.
  4. How is the bid going to be evaluated? Based on the Bid Sheet quantities or the Contractor's quantities? If the Contractor's quantities are used to evaluate the bid, how will the bid items be paid? Will they be paid by installed and measured quantities?
    - a. Answer: The Contractor quantity column is for the contractor's estimated quantity. If there is a substantial deviation we need to be notified. The bid will be evaluated on Bid sheet quantities and paid on measured quantities.
  5. The city has a pay item for Furnish and Install Gravity Wall, Brick Faced. There are no details in the plans that specify what type of "brick face" should be on the gravity wall. Is the City expecting the contractor to install actual bricks over the exposed wall area?
    - a. Answer: The intent is that the existing retaining wall, that is being removed, will be replaced in kind in the new location. Actual bricks is the expected material. Other material that give the same aesthetic look will be considered.
  6. Does the prime contractor need to be FDOT Pre-qualified?
    - a. Answer: No, the prime contractor does not need to FDOT pre-qualified. 4 References are required.
  7. How much millings will the City of Longwood be retaining? We need to know this quantity in order to accurately estimate our bid.
    - a. Answer: Assume 200 CY
  8. Section 6.49 requires the contractor to provide a temporary office trailer. Please confirm this requirement.
    - a. Answer: Yes, a trailer is desired. It can be placed at Reiter Park or perhaps on Florida
  9. How will the 16" water main be isolated for the contractor to deflect the pipe? Will the Contractor have to use line stops to isolate the pipe? Will the City close the system to isolate the pipe deflection?
    - a. Answer: Assume line stops will be needed.



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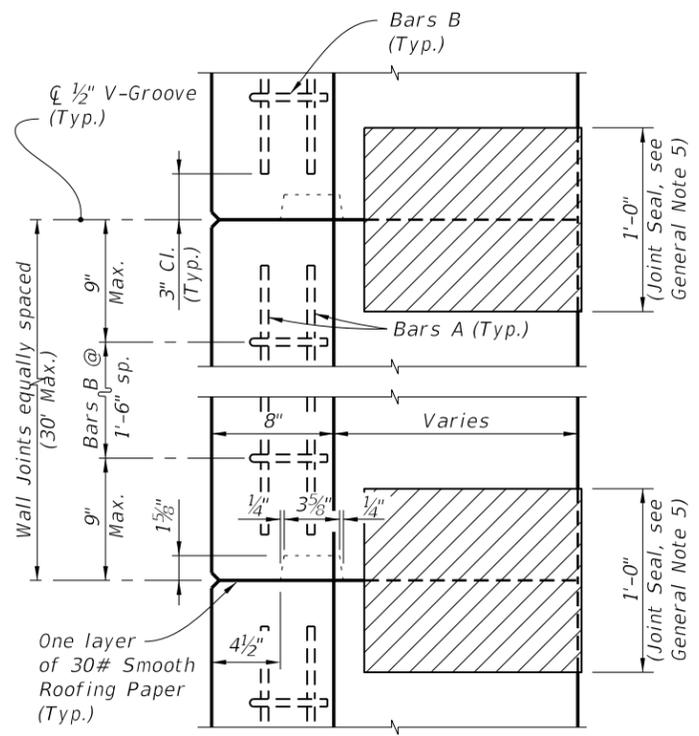
**Modifications:**

Add: FDOT Index 6011

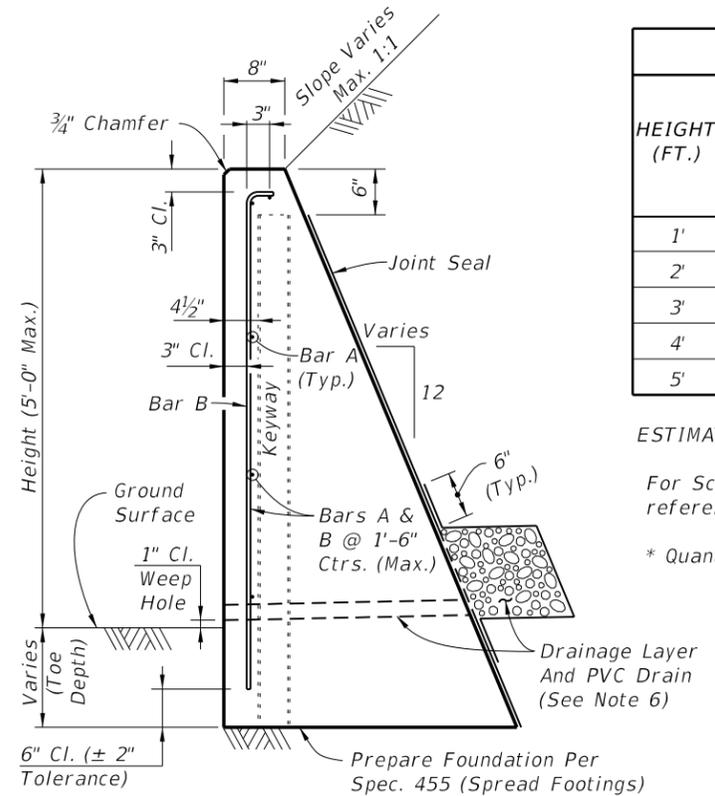
Add: Bid Bond Form

**PUBLIC OPENING OF THE SEALED BIDS WILL BE HELD IMMEDIATELY  
FOLLOWING THE BID CLOSING ON JUNE 10, 2016 @ 2PM.**

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**KEYWAY & WALL JOINT DETAIL (TOP VIEW)**



**TYPICAL SECTION**

HEIGHT (FT.)	PER LINEAR FOOT OF WALL			REINF. STEEL (LB.)	WEEP HOLES & DRAIN REEQD.
	CLASS NS CONCRETE (CY)				
	SCHEME 1	SCHEME 2	SCHEME 3		
1'	0.08	0.11 (0.20*)	0.03	3 (4*)	No
2'	0.14	0.20 (0.32*)	0.09	4 (5*)	No
3'	0.22	0.32 (0.47*)	0.29	5 (6*)	Yes
4'	0.32	0.47 (0.65*)	0.43	6 (7*)	Yes
5'	0.43	0.65 (0.85*)	0.60	7 (8*)	Yes

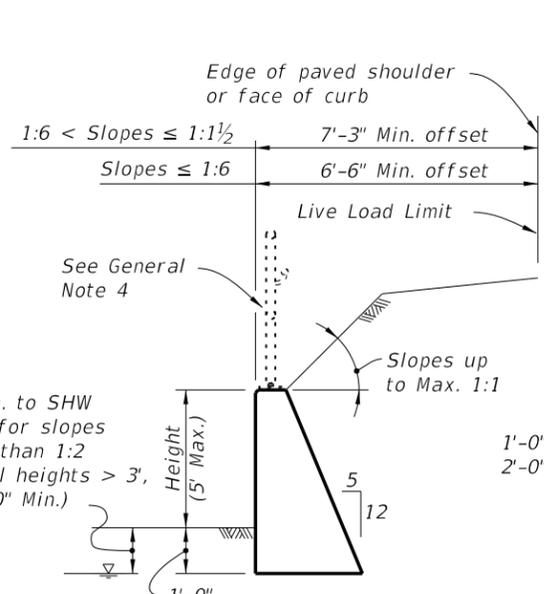
ESTIMATED QUANTITIES NOTES:

For Scheme 3 Junction Slab and Traffic Railing see the referenced Design Standards for estimated quantities.

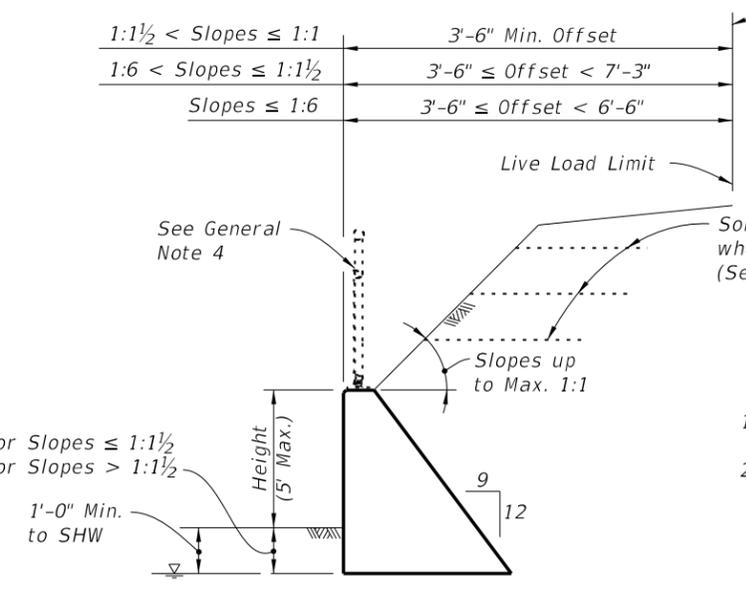
\* Quantity for 2'-0" Toe Depth in Scheme 2.

**GENERAL NOTES**

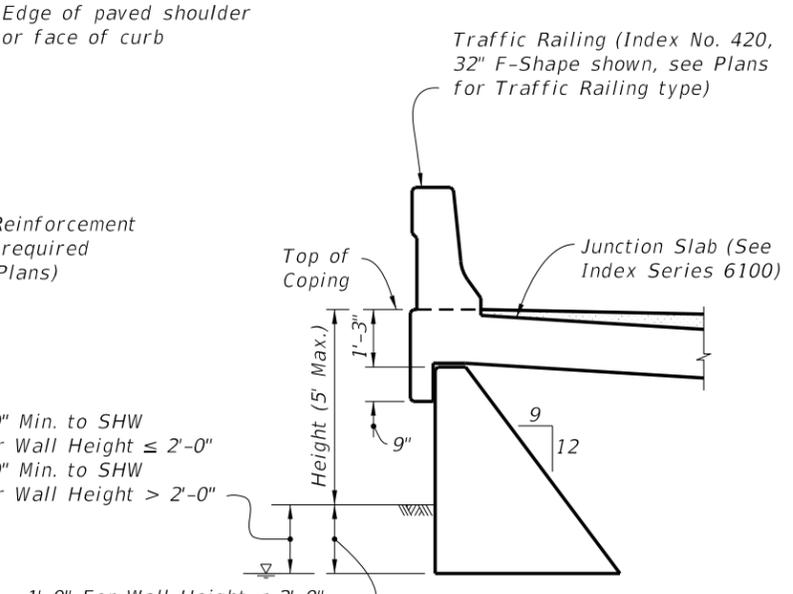
- Gravity walls constructed as extensions of reinforced concrete retaining walls, except walls of proprietary designs, shall have the same face texture and finish as the reinforced concrete retaining wall.
- Concrete for Gravity Wall shall be Class NS per Section 347. Concrete for Scheme 3 Junction Slab and Traffic Railing shall be Class II per Section 346, unless otherwise specified in the plans.
- Reinforcing steel shall be ASTM A615, Grade 40 or 60 provided at the max. spacings shown. ASTM A185 Smooth or ASTM A497 Deformed Welded Wire Reinforcement (WWR) may be substituted on an equal area basis. Do not increase bar/wire spacing for Grade 60 reinforcing steel or WWR.
- When required, for adjunct guiderail see the plans, Index No. 870 or 880 as appropriate. For adjunct Type B fence see Index No. 802.
- Joint seal to be two layers of 30# smooth roofing paper or Type D-5 geotextile fabric in accordance with Index No. 199. Mop all contact surfaces of concrete and roofing paper or geotextile fabric with cut-back asphalt. Stop roofing paper or geotextile fabric 6" below top of wall.
- Provide a continuous 1'x1' clean gravel or crushed rock drain for wall heights 3 ft. and higher. Wrap drainage layer as shown, with Type D-3 geotextile fabric in accordance with Index No. 199. Provide 8"x8" galvanized mesh with 1/4" openings, at the inside end of the PVC Drain Pipe. Provide 2" Ø PVC Drain Pipe (Sch. 40) at 10 ft. max. spacing (When Drainage Layer required). Locate minimum 2'-0" clear of wall joints.
- Cost of reinforcing steel, face texture, finish, joint seal, drain pipes, drainage layer, galvanized mesh and geotextile fabric to be included in the Contract Unit Price for Concrete Class NS, Gravity Wall. Cost of concrete for Junction Slab in Scheme 3, to be included in Contract Unit Price for Concrete Traffic Railing Barrier With Junction Slab. Adjunct railings or fences to be paid for separately.



**SCHEME 1 (No Traffic Loading Effects)**

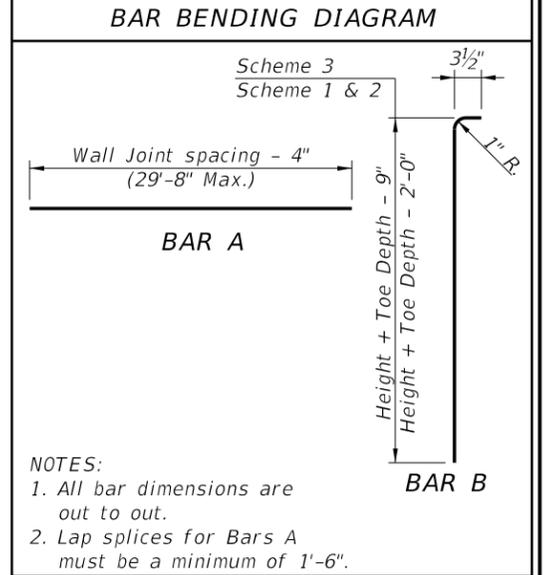


**SCHEME 2 (With Traffic Loading or Slopes > 1:1 1/2)**



**SCHEME 3 (With Traffic Railing)**

BILL OF REINFORCING STEEL		
MARK	SIZE	LENGTH
A	4	As Reqd.
B	4	As Reqd.



NOTES:  
 1. All bar dimensions are out to out.  
 2. Lap splices for Bars A must be a minimum of 1'-6".



IN PRESENCE OF:

\_\_\_\_\_

\_\_\_\_\_  
(Individual or Partnership Principal)

\_\_\_\_\_

\_\_\_\_\_  
(Business Address)

(SEAL)

\_\_\_\_\_  
(City/State/Zip)

\_\_\_\_\_  
(Business Phone)

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
(Corporate Principal)\*

By \_\_\_\_\_

\_\_\_\_\_  
(Title)

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
(Corporate Surety)\*

By: \_\_\_\_\_

\*Impress Corporate Seal

**IMPORTANT**

Surety companies executing bonds must appear on the Treasury Department's most current list (circular 570 as amended) and be authorized to transact business in the State of Florida.