Date: September 21, 2021

RE: Commons Park Pathway Lighting, PR1903– Request for information

Thank you for your interest in the Village's project. Highlighted responses to requests for information are listed below. Please note the list is a compilation of questions submitted from multiple Contractors and Suppliers.

Previous RFI responses and addenda can be viewed at: http://www.royalpalmbeach.com/rfps

Sincerely,

Adamo DiSisto
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From: Marcial Seni <MSeni@davcoelectric.com>
Sent: Monday, August 30, 2021 3:21 PM
To: Adamo DiSisto <adisisto@RoyalPalmBeach.com>
Cc: Vickie Day <vday@RoyalPalmBeach.com>; Russell White <rewhite@davcoelectric.com>
Subject: RFI#1 PR1903 Commons Park Pathway Lighting Prevailing Wages or Davis-Bacon Wages

1. Can you please confirm that this project is not Prevailing Wages or Davis-Bacon Wages certified payroll.
   Prevailing Wages, Davis-Bacon Wages, and certified payrolls are not part of this project.

From: Dan Lewis <DLewis@ferreiraconstruction.com>
Sent: Wednesday, September 1, 2021 11:52 AM
To: Vickie Day <vday@RoyalPalmBeach.com>; Robin Cronk <RCronk@RoyalPalmBeach.com>
Cc: Robert Higginbotham <RHigginbotham@ferreiraconstruction.com>
Subject: FCC RFI #1 - Project #PR1903 - Commons Park Pathway Lighting

1. In the Pre-Bid meeting, it was discussed that access could be difficult on Wednesdays, due to the park being a food distribution site. In the "Meeting Minutes" that were provided, Section V, states, *"access to the park is completely restricted Wednesday mornings until 11:30 am. The main entrance is closed for food distribution operations, and access in or out of the park will not be permitted".* The restricted access period is more than (50 %) of a working day. It was specifically asked if Wednesdays could be considered a non-working

day for the contractor, and removed from the “working days” of the contract. This activity is obviously a “pre-planned” community activity as it is specifically scheduled for every Wednesday, and the citizens/residents are fully aware of it, and should be considered a “Special Event”, as it is being specifically shown each Wednesday, on the Village of Royal Palm Beach Community Calendar. The contractor should not be penalized by being required to incorporate this into their schedule, and potentially having to be subjected to Liquidated Damages, for not meeting their projected due date/schedule. If the contractor encountered rain or some other natural cause, that prohibited them from performing work for at least 50 % of any given day, the contractor could request that day to be added back to their contract time, and more likely than not, it would be granted to them. Please consider this option, in fairness to the contractor.

The park has alternate access points that can be utilized by the contractor. However, there are limitations on the size of vehicles that can enter and exit. Addendum 5 will be issued to provide clarification.

2. Can you please provide an itemized Bid Form for this project?

This is a lump sum bid, the contractor is responsible for providing a schedule of values after the bid opening.

3. Does this project have FDOT oversite and/or LAP funding?

No.

4. Please provide the Pole Data Tables for lighting on this project.

Pole Data Table shall be provided in Addendum 4.

5. Please confirm the Load Center voltage(s) required for this project.

The voltage is 120/240V, single phase.

6. Please confirm the Luminaire voltage(s) required for this project.

The voltage is 120/240V, single phase.

7. Please verify that a pull box is required at every light pole and receptacle bollard, as well as the additional pull boxes being specifically called out in the plans.

Yes, each light pole and bollard shall have a pull box. The plans will be modified via Addendum 5 to remove or clarify the other proposed pull boxes.

8. Please verify if all pull boxes are required to have concrete aprons, as per FDOT Standard Indexes. The detail on Sheet E-25 shows that only the Light Pole w/ Pull Box will get a concrete apron. The receptacle Bollard shows no concrete apron, and the additional pull boxes have no detail.

Only the pull boxes coupled with light poles shall have a concrete collar.

9. It does not appear that all Light Poles require Banner Arms, as shown in the plans. Please confirm that Banner Arms are only required on the Light Poles specifically shown in the

plans, as the “Pathway Lighting Pole Detail” on Sheet E-25 does not show any Banner Arms.

Only poles that call out “banner arm” on the plans shall have banner arms.

10. With regard to each New Load Center and Service Point, will the contractor be required to set a new pull box at each location, for both the Load Center and the Service Point tie-in to the FPL transformer?

No. FPL does not allow pull boxes in the service conduit runs.

11. On Sheet E-25, the “Pathway Lighting Pole Detail” references “Sheet S-1” for Precast Auger Pile Detail. There was no Sheet S-1 provided in the plans. However, the same note also states that the Precast Auger Pile is to be “designed and installed per the manufacturer’s specifications and instructions”, and “shall be signed and sealed by a professional Structural Engineer”. Please verify that the Contractor/Light Pole manufacturer shall be responsible for the precast auger design, and the “signed and sealed” structural drawings/wind load calculations.

The contractor/pole manufacturer is responsible for precast auger pile design and shall provide the structural drawings and wind load calculations. The conflicting note will be removed via Addendum 5

12. On Plans Sheet E-25, “Pathway Lighting Pole Detail” references a “Spread Footing Detail, per Sheet S-1”. Sheet S-1 was not provided in the plans or the contract documents. Additionally, no Spread Footers are shown to be necessary/required. The type/style of foundation required, is the responsibility of the Engineer of Record, not the contractor. If a Spread Footer is required for any Light Pole and/or Receptacle Bollard, the engineer is required to provide the location(s), quantity, and detail for the special foundation. Currently, the only details provided, regarding the type of foundation required, is a cylindrical foundation. Please provide any special foundation requirements on the Pole Data Sheet, specific to each location, and provide the special foundation requirements in a detailed Plan Sheet.

The last part of the note in question that mentions “Spread Footing Detail” shall be removed via Addendum 5.

13. If there are Spread Footing required, are they to be constructed outside of the concrete pathway, or are they to be constructed as part of the concrete pathway?

Spread footing language will be removed via Addendum 5

14. Are House Shields to be provide for each Light Pole, or are they to be provided only on the Light Poles shown in the plans? This should be shown on the Pole Data Table.

Shielding is to be provided per the individual pole callouts on the plans. Pole Data Table shall be provided in Addendum 4.

15. On Sheet E-25, Note #3 states, “Contractor shall provide and install Copper Keeper in all open conduits in all pull boxes. The manufacturer’s agent (Rainbow Distributors) has stated

that this item is currently on backorder and the current lead time is over a year for existing back orders. Additionally, the manufacturer's website is no longer active (http://www.copperkeeper.com/) . Is this item going to be required? Other current similar projects for the Village or Royal Palm Beach do not require this item. Can this requirement be removed from this contract?

The copper keepers will be changed to an add alternate via Addendum 4. The Village will accept a substitution provided the product is equal to the one specified.

From: Marcial Seni <MSeni@davcoelectric.com>
Sent: Thursday, September 2, 2021 12:57 PM
To: Adamo DiSisto <adisisto@RoyalPalmBeach.com>
Cc: Vickie Day <vday@RoyalPalmBeach.com>; Russell White <rewhite@davcoelectric.com>
Subject: RE: RFI#2 PR1903 Commons Park Pathway Lighting Concrete Collar Around Handhole

Will the Village of Royal Palm Beach want to add concrete collars around handholds that are by themselves?

Only the pull boxes coupled with light poles shall have a concrete collar per the detail.

From: Dan Lewis <DLewis@ferreiraconstruction.com>
Sent: Friday, September 3, 2021 2:33 PM
To: Vickie Day <vday@RoyalPalmBeach.com>; Robin Cronk <RCronk@RoyalPalmBeach.com>; Adamo DiSisto <adisisto@RoyalPalmBeach.com>
Cc: Robert Higginbotham <RHigginbotham@ferreiraconstruction.com>
Subject: RE: FCC RFI #2 - Project #PR1903 - Commons Park Pathway Lighting

1. The CCTV Conduit is not being shown consistently throughout the plans.
    a. Should the CCTV Conduit be installed at all Light Pole locations? As currently, not all Light Pole locations have a CCTV Conduit.

The CCTV conduit installed with this project shall work as a system with existing conduit not shown on the plans. The plans only show what new conduit is required for future CCTV use.

    b. If the intention of the CCTV Conduit is for "future use", for the City of Royal Palm Beach to install Security Cameras at a later date, should this be incorporated into the light pole design? If so, should these poles have an access for this "future" cable?

The future CCTV project does not propose to use poles from this project.

2. Should the CCTV Conduit System be separated from the electrical system pull boxes? It is not typical that Fiber Optic Cable and/or copper Ethernet Cable be installed in the same pull boxes as the power/electrical system. Please advise, as this issue is system wide.

Addendum 5 shall add and label the separate CCTV pull boxes.

3. Some of the GFCI Bollards are showing to have CCTV Conduit(s). These bollards are not high enough to mount any type of (future) camera systems on.
    a. Should the GFCI Bollards have CCTV Conduit going to any of them? If so, does the GFCI Bollard need to have a separate access for this fiber optic/copper ethernet cable?

The CCTV conduit that connects to GFCI bollard pull boxes shall only provide power.

4. The Power/Electrical Conduit is not being shown consistently throughout the plans.

The CCTV conduit installed with this project shall work as a system with existing conduit not shown on the plans. The plans only show what new conduit is required for future CCTV use.

5. On Plan Sheet E-3, it shows Load Center #W3 connecting to the Existing FPL Transformer. The service feeder is marked as "Key Note" #1, which calls for 3 - #3/0 conductors in a 2" conduit being directionally bored. Plan Sheet E-21, Service Point "W3" One Line Diagram, specifically calls for 3 - #4/0 conductors in a 2.5" conduit. The Service Point "W3" One Line Diagram, specifically states, "New Service Point W3, See Detail on Sheet E-23". Sheet E-23 however, shows the "Existing Service Point D" details. There are no pull boxes being shown on the plan sheet or the Service Point Details for Load Center #W3. Plan Sheet E-21 calls for 3/4" ground rods to be installed, however, Plan Sheet E-24, Service Point Detail calls for 5/8" ground rods.
    a. Please provide the correct Service Feeder conduit size.

The Service Feeder conduit shall be 2 ½" min.

    b. Please provide the correct Service Feeder conductor size.

The Service Feeder shall be 3#4/0.

    c. Please verify that the entire Service Feeder conduit run is to be "Directionally Bored" as called for by the "Key Note" #1.

The Service Feeder shall directional bore the entire length to minimize disturbing the surrounding area.

    d. Are pull boxes to be provided and installed at both the Load Center and the Service Point connecting to the Existing FPL Transformer?

No pull boxes shall be installed in the service conduit run as per FPL requirements.

    e. Please specify the correct size ground rods for this service point.

The ground rods shall be ¾" dia x 20'.

6. On Plan Sheet E-6, it shows Load Center #W4 connecting to the Existing FPL Transformer, on Plan Sheet E-9. The service feeder is marked as "Key Note" #1, which calls for 3-#3/0 conductors in a 2" conduit being directionally bored. Plan Sheet E-22, Service Point "W4" One Line Diagram, specifically calls for 3 - #4/0 conductors in a 2.5" conduit. The Service Point "W4" One Line Diagram, specifically states, "New Service Point W4, See Detail on Sheet E-23". Sheet E-23 however, shows the "Existing Service Point D" details. There are no

pull boxes being shown on these plan sheets or the Service Point Details for Load Center #W4. Plan Sheet E-21 calls for 3/4" ground rods to be installed, however, Plan Sheet E-24, Service Point Detail calls for 5/8" ground rods.

a. Please provide the correct Service Feeder conduit size.

The Service Feeder conduit shall be 2 ½".

b. Please provide the correct Service Feeder conductor size.

The Service Feeder shall be 3#4/0.

c. Please verify that the entire Service Feeder conduit run is to be "Directionally Bored" as called for by the "Key Note" #1.

The Service Feeder shall directional bore the entire length to minimize disturbing the surrounding area.

d. Are pull boxes to be provided and installed at both the Load Center and the Service Point connecting to the Existing FPL Transformer?

No pull boxes shall be installed in the service conduit run as per FPL requirements.

e. Please specify the correct size ground rods for this service point.

The ground rods shall be ¾" dia x 20'.

7. On Plan Sheet E-6, Key Note #8 calls for 1 - 1.5" Spare Conduit (CCTV), and Key Note # 10 calls for 2 – 1.5" Spare Conduits (CCTV).
   a. With regard to both Key Note #8 & Key Note #10, are we to install a single 1.5" conduit in addition to the spare conduit(s) being called out? (i.e. – Key Note #8 would require 1 – 1.5" Conduit with 1 – 1.5" Spare Conduit)

Key Notes 8 and 10 indicate conduit that will not be used for this project, so they have been called "spares." This does not mean spare in addition to a single 1.5" conduit. One conduit shall be installed where designated by Key Note 8, and two conduit shall be installed where designated by Key Note 10.

8. On Plan Sheet E-7, Key Note #8 calls for 1 - 1.5" Spare Conduit (CCTV). Key Note #2 calls for 1 - 2" Conduit and 1 – 2" Spare Conduit. Key Note #3 calls for 1 – 2" Conduit.
   a. With regard to both Key Note #8, are we to install a single 1.5" conduit in addition to the spare conduit(s) being called out? (i.e. – Key Note #8 would require 1 – 1.5" Conduit with 1 – 1.5" Spare Conduit)

Please see the response to question 7 above.

b. Why is there a "Spare Conduit" being called for between Light Pole #23 and Light Pole #24, only? Should the locations showing Key Note #3, (from Light Pole #24 to Light Pole #27) on this Plan Sheet be changed to Key Note #2?

These are two spares that apply to different projects. The 2"C Spare in Key Note 2 is a spare for this project, and the 1-1/2" Spare Conduit (CCTV) in Key Note 8 is for a future CCTV project.

9. On Plan Sheet E-9, there are (5) existing GFCI Bollards being shown as being replaced, per "Key Note #11". There are only (2) of the new GFCI Bollards being shown to have CCTV conduit being installed to them, as per "Key Note #8". There is a junction point being shown for the CCTV conduit. Key Note #8 calls for 1 - 1.5" Spare Conduit (CCTV), and Key Note # 10 calls for 2 – 1.5" Spare Conduits (CCTV).
    a. With regard to both Key Note #8 & Key Note #10, are we to install a single 1.5" conduit in addition to the spare conduit(s) being called out? (i.e. – Key Note #8 would require 1 – 1.5" Conduit with 1 – 1.5" Spare Conduit)

Please see the response to question 7 above.

10. On Plan Sheet E-9, Key Notes #8, #9 and #2 are being shown, without a conduit line being shown. Key Notes #8 and #2 are being shown, without a conduit line being shown. Key Notes #8 is being shown, without a conduit line being shown.
    a. Please provide detail and/or clarification of your intention at each of these (3) locations.

The drawing will be corrected in Addendum 5.

    b. Please verify that Key Note #9 is to be a 3" conduit. Should this be a 2" conduit?

The conduit should be a 2"C.

11. On Plan Sheet E-10, Key Note #8 calls for 1 - 1.5" Spare Conduit (CCTV), and Key Note # 10 calls for 2 – 1.5" Spare Conduits (CCTV). Key Note # 9 calls for a 3" conduit.
    a. CCTV Conduit is being shown that needs to be directionally bored, but it is not being called for in the Key Note.

The label in question will be adjusted via Addendum 5 to indicate directional bore beneath the lake.

    b. At Light Pole #29, the plans show Key Note #2 (2 – 2" Conduits) crossing under the pathway to a pull box, and the spare conduit ends. Key Note #3 (1 – 2" Conduit) is then run both East and West, which has no "Spare Conduit. Is this correct?

Yes, this is correct.

    c. The CCTV Conduit just South of Light Pole #29 is shown as Key Note #8 (1 – 1.5" Conduit) between (2) pull boxes, but Key Note #10 (2 – 1.5" Conduits) are leaving each pull box in the opposite directions. Should this section be changed to Key Note #10 (2 – 1.5" conduits)?

No, the 8s and 10s are drawn to the intention of the future CCTV project.

    d. At the top, in the middle of the Plan Sheet, there is a conduit crossing the pathway, with only (1) pull box being shown on the East side of the pathway. There should be a pull box on the West side of the pathway.

A pull box will be added to the west side.

e. At the top, in the middle of the Plan Sheet, there is a conduit crossing the pathway, shown as Key Note #8 (1 – 1.5" CCTV Conduit), going to an (existing?) structure and then leaving the (existing?) with Key Note #10 (2 -1.5" CCTV Conduits going to a pull box to the West. Is this correct?

Yes, the plans will be revised to indicate that there is an existing pull box on the west side via Addendum. The existing structure in question is a sports lighting pole that has a pull box. A legend with a symbol for these existing sports lighting poles will be added in Addendum 5.

f. Just North of Light Pole #30, there is a pathway crossing, with a pull box on both the East and West side of the pathway. The crossing shows Key Note #2, which calls for 1 - 2" Conduit and 1 – 2" Spare Conduit, but from the West side pull box, it shows Key Note #9 which calls for 1 – 3" Conduit, continuing West to another pull box, which shows Key Note #3 (1 – 2" Conduit) continuing to the West. Should Key Note #9 be changed to Key Note #3, to be consistent?

This will be corrected in Addendum 5.

g. There are several conduit lines being shown on this Plan Sheet, that do have and Key Note showing what to install. Please advise…

Labels shall be added to all conduit runs via Addendum 5.

h. It appears that there may be a pull box missing at both the North and South Existing Structures. Please advise...

Existing pull boxes at the existing sports lighting poles shall be utilized.

12. On Plan Sheet E-11, there appears to be a new GFCI Bollard, with CCTV Conduit being installed to it.
    a. The GFCI Bollard, shown North of the existing MUSCO Panel, is shown by symbol only, and has Key Note #8 [1 – 1.5" Spare Conduit (CCTV)]. Key Note #11 is not shown, so this GFCI Bollard must be a new one, with no existing to be removed. Please verify.

This should be shown as an existing pull box. Plan will be adjusted via Addendum 5.

b. The GFCI Bollard being shown, appears to be new, but has no electrical power being shown. Please advise

Please see 12a above.

c. At the existing MUSCO Panel, it shows a line of conduit being installed south, across the pathway, without any Key Note. Please provide detail for this crossing.

This should be shown as an existing conduit. Plan will be adjusted via Addendum 5.

d. At the existing MUSCO Panel, it shows a line of conduit (Key Note #10) being installed west, for CCTV, go to an (existing?) structure, but it does not appear that these conduits go to the pull box shown at the (existing?) structure. Is this CCTV Conduit for power or for future Fiber Optic Cable/Copper Ethernet? Should these

CCTV Conduit originate at the MUSCO Power Panel? Please verify the intent of the scope of work to be performed.

These conduits shall be redrawn to connect to the existing pull box south of the existing sports lighting pole via Addendum 5.

e. On Plan Sheet E-11 (and continued on Plan Sheet E-12), Key Note #6 calls for 3 – 2" Conduits (For Future Use), between what appears to be (2) (existing?) structures. This conduit does not tie into anything other than a pull box shown at each (existing?) structure. Is this correct? Are these (2) pull boxes new or existing? Please verify the intent of the scope of work to be performed.

These two pull boxes are existing. Scope of work is to connect the two existing pull boxes with new conduit for future use.

f. Key Note #7 is shown coming from the existing MUSCO Panel, South across the pathway to a pull box, then going West to a pull box, and then changes to Key Note #2 going West to the next pull box, and then changing back to Key Note #7 going to Light Pole #48. Key Note #2 and Key Note #7 show different quantities of wire. This should be reviewed and modified to be consistent.

The conduit run shall be note 7. There is 2 existing pull boxes that the conduit will be connected into near the panel.

13. On Plan Sheet E-12, there are at least (2) new GFCI Bollards being shown, and what appears to be another GFCI Bollard.
    a. Is the northern GFCI Bollard new or is it existing?

The symbol in question is of an existing GFCI (power connection for CCTV). This will be changed to existing and a legend will be added to designate symbols via Addendum 5.

b. The northern GFCI Bollard appears to have conduit (Key Note #8) being installed past its location, and "dead ending", without a pull box. Please advise where this conduit goes and how it is to terminate.

This is another GFCI, not a bollard. It will be shown as existing and a pull box will be added just before the GFCI for the conduit to terminate within via Addendum 5.

c. The GFCI Bollard in the middle of the page shows conduit (Key Note #8) going Southwest across the pathway, and then making a hard turn going Southeast back across the pathway. Is there an existing pull box or structure to tie this conduit into? Please advise…

There is an existing pull box at an existing pole that the conduit shall tie in to. The pull box shall be added to the plans via Addendum 5.

d. The GFCI Bollard in the middle of the page shows Key Note #11, which verifies that it is to be removed and replaced. It also shows Key Note #8 (1 – 1.5" Spare Conduit CCTV). Is this CCTV Conduit for power or for future Fiber Optic Cable/Copper Ethernet?

This conduit is for future fiber optic cable.

e. The GFCI Bollard in the middle of the page shows Key Note #8 (1 – 1.5" Spare Conduit CCTV), going Southeast across the pathway and then "dead ending". Is there an existing pull box or structure to tie this conduit into? Is this CCTV Conduit for power or for future Fiber Optic Cable/Copper Ethernet?

There are existing pull boxes in this area. They will be added to the plans via Addendum 5 and the conduit shall terminate inside.

14. On Plan Sheet E-13, at the bottom on the page, it shows "Match Line – See Sheet E-15". This is incorrect…it should be Sheet E-16. Plan Sheet E-13 shows the existing FPL Transformer, with Key Note #1 and #8, going to Load Center #W2, on Plan Sheet E-16. The service feeder is marked as "Key Note" #1, which calls for 3 - #3/0 conductors in a 2" conduit being directionally bored. Plan Sheet E-20, Service Point "W2" One Line Diagram, specifically calls for 3 - #4/0 conductors in a 2.5" conduit. The Service Point "W2" One Line Diagram, specifically states, "New Service Point W2, See Detail on Sheet E-23". Sheet E-23 however, shows the "Existing Service Point D" details. There are no pull boxes being shown on the plan sheet or the Service Point Details for Load Center #W2. Plan Sheet E-20 calls for 3/4" ground rods to be installed, however, Plan Sheet E-24, Service Point Detail calls for 5/8" ground rods. Key Note #8 references (1 – 1.5" Spare Conduit CCTV).

The Match Line call out will be corrected via Addendum 5.

a. Please provide the correct Service Feeder conduit size.

The Service Feeder conduit shall be 2 ½".

b. Please provide the correct Service Feeder conductor size.

The Service Feeder shall be 3#4/0

c. Please verify that the entire Service Feeder conduit run is to be "Directionally Bored" as called for by the "Key Note" #1.

The Service Feeder shall directional bore the entire length to minimize disturbing the surrounding area.

d. Are pull boxes to be provided and installed at both the Load Center and the Service Point connecting to the Existing FPL Transformer?

No pull boxes shall be installed in the service conduit run as per FPL requirements.

e. Please specify the correct size ground rods for this service point.

The ground rods shall be ¾" dia x 20'.

f. Is this CCTV Conduit for power or for future Fiber Optic Cable/Copper Ethernet?

This conduit is for future fiber optic cable.

g. Should the CCTV Conduit be connected to the FPL Transformer, as shown?

A pull box will be added for the CCTV conduit to terminate within via Addendum 5.

h. There is CCTV Condit (Key Note #8) shown going to what appears to be an existing structure. Is there an existing pull box or structure to tie this conduit into? Is this CCTV Conduit for power or for future Fiber Optic Cable/Copper Ethernet?

There is an existing pull box at the base of the existing sports lighting pole. This conduit is for fiber optic cable.

i. There are (4) GFCI Bollards shown with Key Note #11, which verifies that it is to be removed and replaced. There is no CCTV Conduit shown going to these bollards. Is there supposed to be CCTV Conduit at any of these GFCI Bollards?

No.

15. On Plan Sheet E-14, the Service Feeder (Key Note #1) is shown to Load Center #W1, however there is no CCTV Conduit shown with it, as it has been in other locations.
    a. Should there be a pull box provided and installed at Load Center #W1?

No pull boxes shall be installed in the service conduit run as per FPL requirements.

b. Should there be CCTV Conduit from the Load Center #W1 to the FPL Transformer?

No.

16. On Plan Sheet E-16, Key Note #8 is shown go from Load Center #W2, to the FPL Transformer (shown on Plan Sheet E-13).
    a. The CCTV Conduit shown coming into Load Center #W2 from the FPL Transformer "dead ends. Should there be CCTV Conduit leaving Load Center #W2, going somewhere?

For this project, the CCTV conduit shall terminate in a proposed pull box that shall be added to the plans via Addendum 5 adjacent to the FPL Transformer.

17. On Plan Sheet E-17, it shows Key Note #8, starting from a new pull box, across the Eastbound Roadway, to a new GFCI Bollard. The plan sheet calls for the Contractor to "Locate and Cut Into the Existing Fiber Line".
    a. If the Contractor is to "cut into" the existing Fiber Optic Cable, this need to be clearly defined, and a full scope expectation needs to be provided, in detail. (i.e.- Locations of Fiber Optic Pull & Splice boxes, as slack MUST be provided; The size of the Splice Box that is to be added; Splice Trays; Splice Closures; Terminations; required Testing, etc.) Additionally, please define what the existing Fiber Optic Cable is being used for.

The existing fiber optic cable provides data to park facilities.
The note has been corrected for the contractor to locate the existing fiber optic cable and install a pull box over the existing conduit. The new conduit shall be stubbed into the new pull box. The existing fiber optic cable will not be cut into at this time. Just located.

b. Is the contractor to provide 1 – 1.5” CCTV Conduit from the new pull box to the new GFCI Bollard?

The plans will be revised to show this run terminating in a pull box.

c. Is the Contractor to supply Fiber Optic Cable to the GFCI Bollard? If so, what is it to connect to?

Please see 17b above.

d. Key Note #8 does not specify to Directionally Bore this conduit, however General Note A specifically says to “Missile Bore” under pathways…this is a Roadway. Please advise…

A new key note will be added for 1-1 ½” spare conduit (directional bore).