

Mezzanine Inspection Report (Scoping)

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| Date: 01/16/2015 | Station Name: E05 Georgia Avenue | Mezzanine #: 076 | Completed By: Byron Williams |
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Summary

All communications and power ducts for faregate arrays scoped. The faregate array ducts for both power and communications have ducts that run from the kiosk to a handhole and then through the faregates. Pull string was successfully installed in both upper and lower communications duct for the faregate arrays. Scoping and pull string installation was completed for the power duct run from the kiosk to handhole 1 towards the AFC panel. The 2" conduit that runs from handhole 1 to the AFC panel is at capacity and pull string was not installed. A proposed run from handhole 1 to AFC panel is included in the photos below.

Scanning is not required at this mezzanine.

Scoping of Faregate Array(s)

| Task | Yes/No | Notes |
|--|--------|---|
| Communications Duct – Upper Faregate Array (3-Gates) | | |
| Was video scoping completed for the entire duct run? | Yes | Refer to WMATA Georgia Ave Petworth 6inch Upper Comm Faregate manhole to Kiosk.avi and WMATA GEorgia Ave Petworth 6inch Upper Comm Faregate.avi files |
| Were pull strings installed at all faregates in the array? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | |
| Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires. | No | 6" duct less than 10 wires |
| Communications Duct - Lower Faregate Array (3-Gates) | | |
| Was video scoping completed for the entire duct run? | Yes | Refer to WMATA Georgia Ave Petworth 6inch Lower Comm Faregate Manhole to Kiosk.avi and WMATA Georgia Ave Petworth 6inch Lower Comm Faregates.avi files. |
| Were pull strings installed at all faregates in the array? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | |
| Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires. | No | 6" duct less than 10 wires |
| Power Duct - Upper Faregate Array (3-Gates) | | |
| Was video scoping completed for the entire duct run? | Yes | Refer to WMATA Georgia Ave Petworth 6inch Upper Power Faregate Manhole to Kiosk.avi and WMATA Georgia Ave Petworth 6inch Upper Power Faregate.avi files. |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | |
| Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires. | No | 6" duct less than 10 wires |
| Power Duct - Lower Faregate Array (3-Gates) | | |
| Was video scoping completed for the entire duct run? | Yes | Refer to WMATA Georgia Ave Petworth 6inch Lower Power Faregate Manhole to Kiosk.avi and WMATA Georgia Ave Petworth 6inch Lower Power Faregates.avi files. |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | |
| Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires. | No | 6" duct less than 10 wires |

| Scoping of Power Duct - Kiosk to AFC Panel | | |
|--|---|---|
| Task | Yes/No | Notes |
| Kiosk to Handhole 1 (55' run) | | |
| Was video scoping completed for the entire duct / conduit run? | Yes | Refer to WMATA Georgia Ave Power Kiosk to Floor Box.avi file. |
| Was pull string installed? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | |
| Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires. | No | 6" duct, less than 15 wires |
| Handhole 1 to AFC Panel (20' run) | | |
| Was video scoping completed for the entire duct / conduit run? | No | 2" conduit – no scoping required |
| Was pull string installed? | No | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | |
| Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires. | Yes | 2" conduit has more than 20 wires and is at capacity |
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| Observations / Issues / Next Steps | | |
| <p>Existing power run from kiosk to AFC panel is approximately 75 feet.</p> <p>Proposed run would use existing duct from kiosk to handhole 1 of 55 feet and a new conduit run of 20 feet for a new total run from kiosk to AFC panel of approximately 75 feet.</p> | | |
| Sign Off | | |
| | GFP Representative | WMATA PRGM |
| Name: | Byron Williams | |
| Signature: |  | |
| Date: | 01/16/2015 | |

Photo #1 – E05 Georgia Avenue: Duct run from kiosk towards handhole 1



Photo #2 – E05 Georgia Avenue: Duct run into handhole 1 and conduit from handhole 1 to AFC panel



Photo #3 – E05 Georgia Avenue: AFC panel with existing at capacity conduit

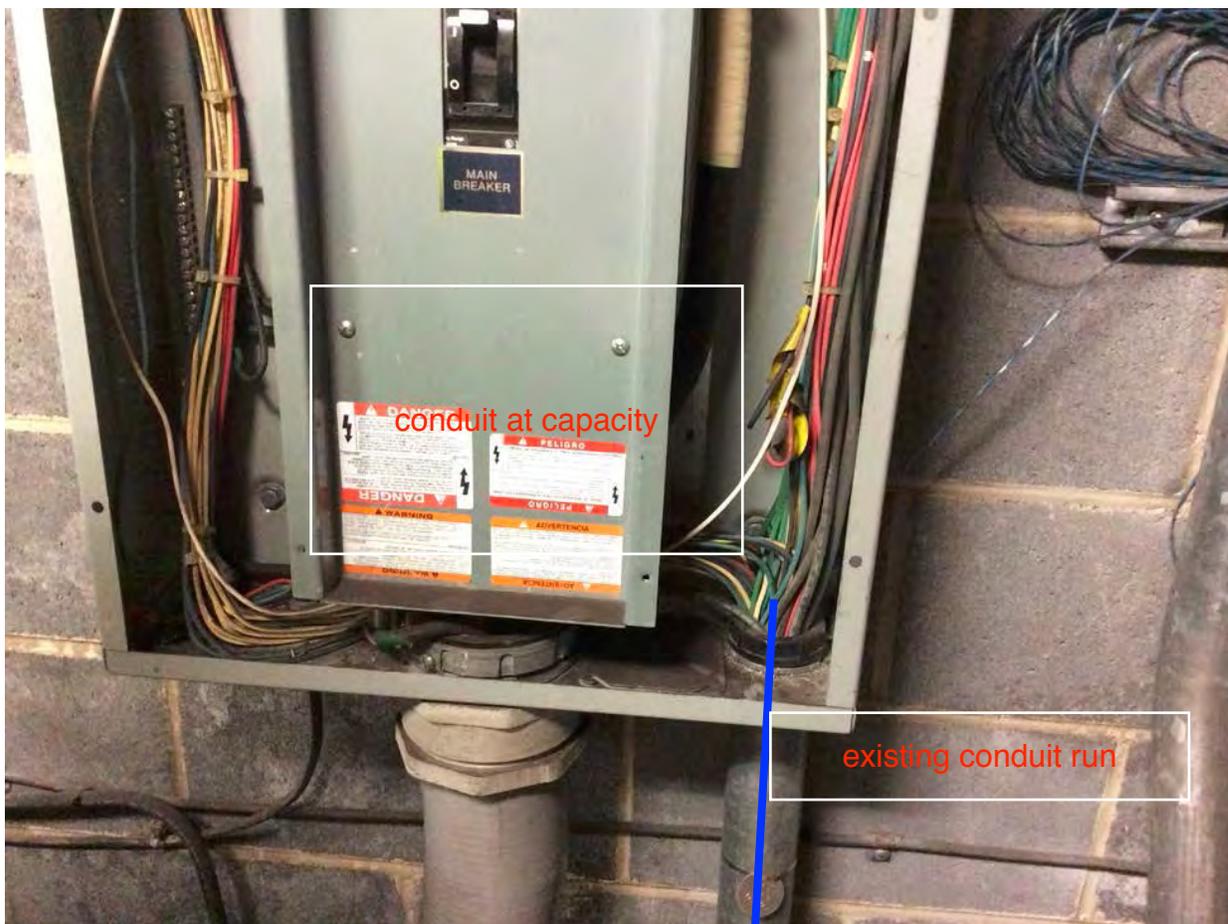
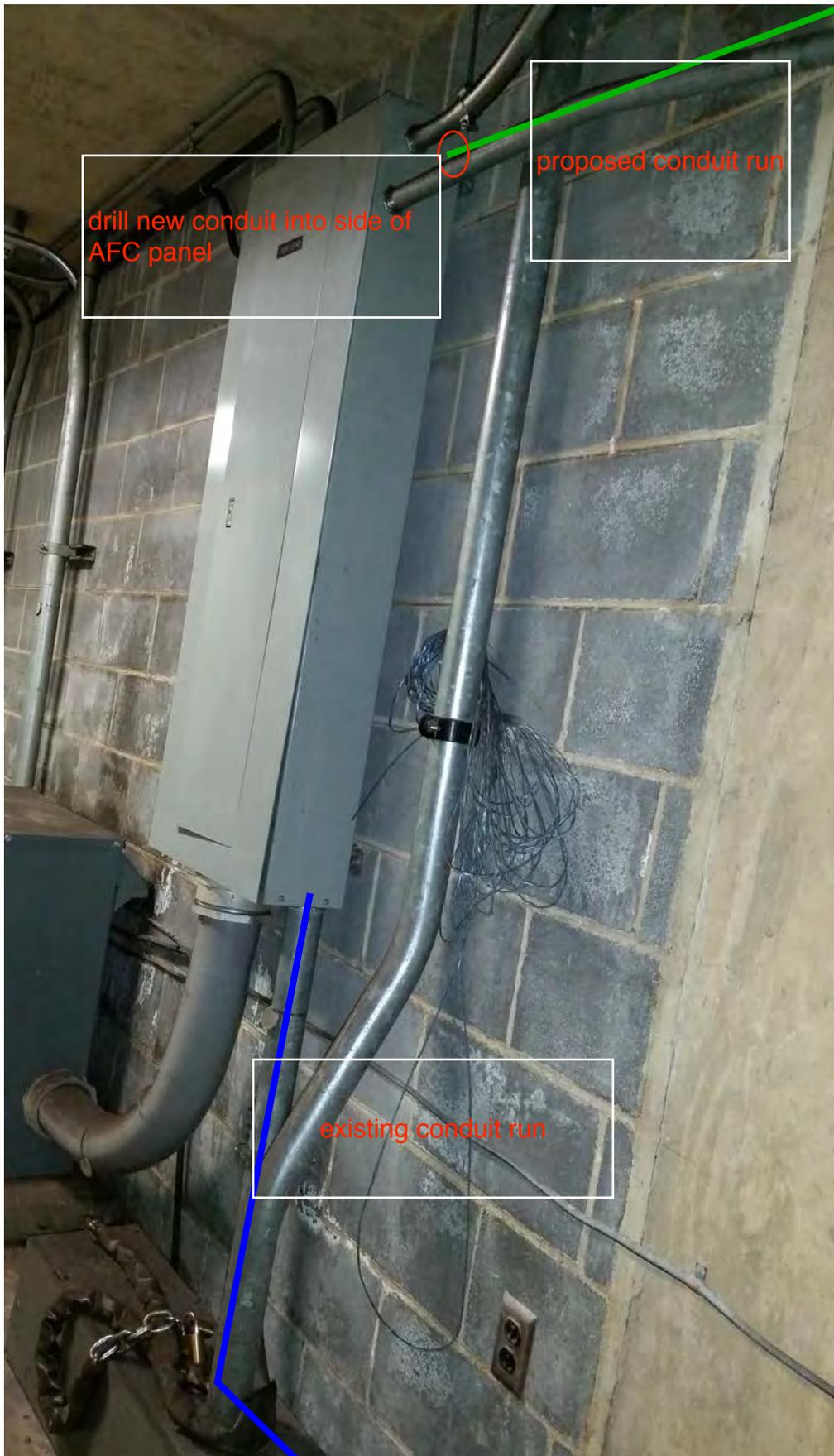


Photo #4: E05 Georgia Avenue: AFC panel with proposed conduit run from handhole 1

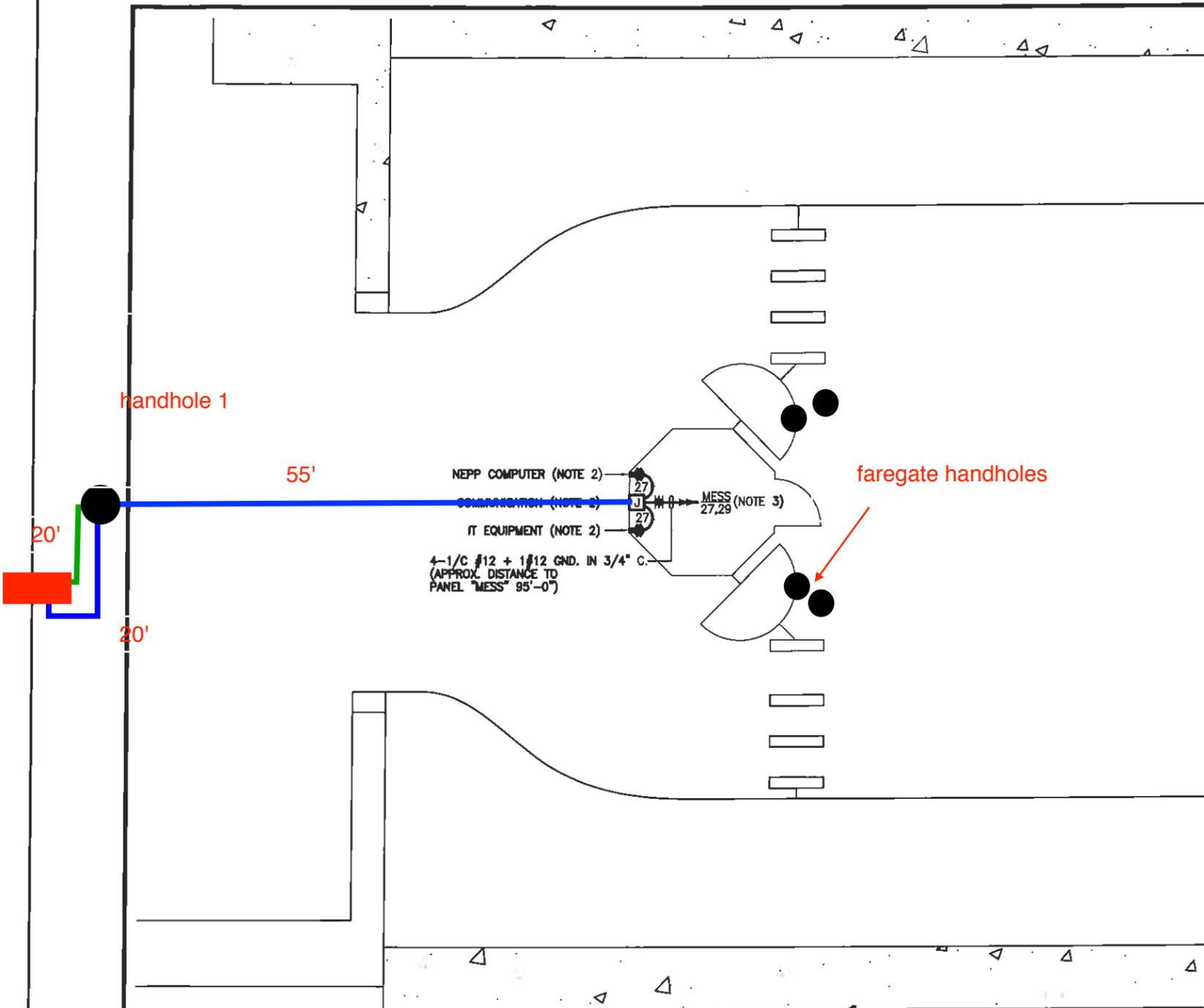


DRAWING NOTES:

1. USE EXISTING UNDER FLOOR DUCT FOR POWER WIRING. ALL OUTSIDE FLOOR DUCT WIRING SHALL BE IN CONDUIT.
2. VERIFY WITH WMATA PERSONNEL FOR LOCATION OF RECEPTACLES & JUNCTION BOXES.
3. CONNECT CIRCUIT #27 & #29 TO TWO (2) EXISTING 20A, 1P SPARE CIRCUIT BREAKERS IN THE EXISTING PANEL "MESS", SEE PANEL SCHEDULE ON DWG. E05-E-102.

SAFETY PRECAUTION:

1. ALL WORK SHALL COMPLY WITH WMATA SAFETY RULES, AND DE-ENERGIZATION POLICIES.



MEZZANINE KIOSK - POWER
SCALE: 1/4" = 1'- 0"

CONTRACT NO.
14-FQ10060-CENI-24

| | | |
|----------|--------|-------|
| DESIGNED | C. MEO | 08-14 |
| DRAWN | C. MEO | 08-14 |
| CHECKED | B. DUB | 08-14 |
| APPROVED | N/A | |

| NUMBER | DESCRIPTION | DATE | BY |
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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

GFP A Gannett Fleming/Parsons JOINT VENTURE

APPROVED _____ SUBMITTED _____
PROJECT MANAGER

NEW ELECTRONIC PAY PROGRAM (NEPP)
IN METRORAIL STATIONS
GEORGIA AVENUE
MEZZANINE KIOSK - POWER

SCALE: AS SHOWN DRAWING NO.: E05-E-101

Mezzanine Inspection Report (Scoping)

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|-----------------|------------------------------------|------------------|---------------------------|
| Date: 1/21/2015 | Station Name: E07 West Hyattsville | Mezzanine #: 077 | Completed By: Mike Butler |
|-----------------|------------------------------------|------------------|---------------------------|

Summary

Video scoping was completed for communications and power ducts in the faregate arrays. Pull strings were successfully installed in the communications duct for the faregate array. Video scoping and pull string installation was completed for the power duct run from the kiosk to the AFC panel.

Scanning is not required at this mezzanine.

Scoping of Faregate Array(s)

| Task | Yes/No | Notes |
|--|--------|---|
| Communications Duct – Faregate Array (8-Gates) | | |
| Was video scoping completed for the entire duct run? | Yes | Refer to "WMATA West Hyattsville 3inch Comm Kiosk to Fairgates Video.avi" |
| Were pull strings installed at all faregates in the array? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | Minor dust and rust |
| Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires. | No | 3" duct, less than 10 wires |
| Power Duct - Faregate Array (8 Gates) | | |
| Was video scoping completed for the entire duct run? | Yes | Refer to "WMATA West Hyattsville 6inch Power Video.avi" |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | Minor dust and rust |
| Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires. | No | 6" duct less than 10 wires |
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| Scoping of Power Duct - Kiosk to AFC Panel | | |
|---|---|--|
| Task | Yes/No | Notes |
| Kiosk to Handhole 1 (40' Run) | | |
| Was video scoping completed for the entire duct / conduit run? | Yes | Refer to "WMATA West Hyattsville 6inch Power Kiosk to H.H. Video.avi" |
| Was pull string installed? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | Minor dust and rust |
| Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires. | No | 6" duct less than 10 wires |
| Handhole 1 to Handhole 2 (20' Run) | | |
| Was video scoping completed for the entire duct / conduit run? | Yes | Refer to "WMATA West Hyattsville 6inch Power H.H.1 to H.H.2 Video.avi" |
| Was pull string installed? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | Minor dust and rust |
| Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires. | No | 6" duct less than 10 wires |
| Handhole 2 to Handhole 3 (5' Run) | | |
| Was video scoping completed for the entire duct / conduit run? | Yes | Refer to "WMATA West Hyattsville 6inch Power H.H.2 to H.H.3 Video.avi" |
| Was pull string installed? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | Minor dust and rust |
| Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires. | No | 6" duct less than 10 wires |
| Handhole 3 to AFC Panel (20' Run) | | |
| Was video scoping completed for the entire duct / conduit run? | Yes | Refer to "WMATA West Hyattsville 6inch Power H.H.3 to AFC Panel J-box Video.avi" |
| Was pull string installed? | Yes | |
| Were there any obstructions or blockages? Provide details of type and specific location. | No | Minor dust and rust |
| Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires. | No | 6" duct less than 10 wires |
| Observations / Issues / Next Steps | | |
| Total run from kiosk to AFC panel is approximately 85 feet. | | |
| Sign Off | | |
| | GFP Representative | WMATA PRGM |
| Name: | Mike Butler | |
| Signature: |  | |
| Date: | 02/24/2015 | |

Photo #1 – E07 West Hyattsville: Duct run from kiosk towards handhole 1



Photo #2 – E07 West Hyattsville: Duct run from handhole 1 to handhole 2

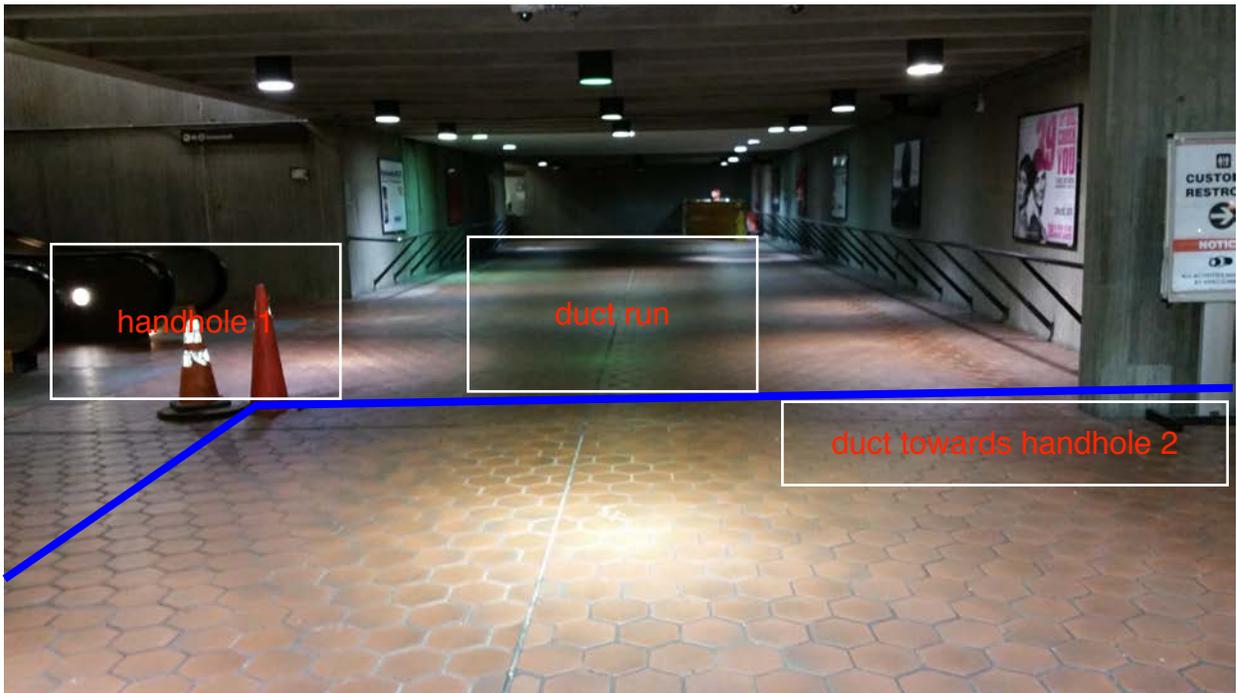


Photo #3 – E07 West Hyattsville: Duct run from handhole 2 to handhole 3



Photo #4 – E07 West Hyattsville: Duct run to AFC panel from handhole 3

