

Mezzanine Inspection Report (Scoping)

Date: 01/23/2015	Station Name: G03 Addison Road	Mezzanine #: 092	Completed By: Zach Fitzwater
Summary			
<p>All communications and power ducts scoped. Upper communications ducts collapsed and pull string was not installed. Pull string was successfully installed in lower communications duct in faregate array. Pull string was installed in the duct between the Kiosk and junction box, and in the conduit from the junction box to the AFC panel.</p> <p>No scanning is required at this mezzanine.</p>			
Scoping of Faregate Array(s)			
Task	Yes/No	Notes	
Communications Duct – Upper Faregate Array (4 Gates)			
Was video scoping completed for the entire duct run?	No	Refer to WMATA Addison Rd 6inch Upper Comm Faregate.avi file.	
Were pull strings installed at all faregates in the array?	No		
Were there any obstructions or blockages? Provide details of type and specific location.	Yes	Both 3" and 6" ducts in poor condition with heavy debris and collapsed ducts	
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	Both ducts less than 10 wires	
Communications Duct - Lower Faregate Array (4 Gates)			
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Addison Rd 3inch Lower Comm Faregate.avi and WMATA Addison Rd 6inch Lower Comm Faregate (2).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	Minor rust and debris	
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 (4 Gates)			
Was video scoping completed for the entire duct run?	No	Refer to WMATA Addison Rd 6inch Upper Power Faregate.avi file.	
Were there any obstructions or blockages? Provide details of type and specific location.	Yes	3" duct collapsed 6" duct in good condition, but a tangle of wires prevented full scope of duct	
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 (4 Gates)			
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Addison Rd 6inch Lower Power Faregate.avi file.	
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 Junction Box (5' run)		
Was video scoping completed for the entire duct / conduit run?	No	90 degree bend to lower level junction box less than 3' into run, visual inspection of the duct
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 20 wires
Junction Box to AFC Panel (15' run)		
Was video scoping completed for the entire duct / conduit run?	No	2" conduit – no scoping required
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	Less than 20 wires
Observations / Issues / Next Steps		
Total power run from kiosk to AFC panel is approximately 20'		
Sign Off		
	GFP Representative	WMATA PRGM
Name:	Zach Fitzwater	
Signature:		
Date:	01/23/2014	

Photo #1 – G03 Addison Road: Kiosk and faregate array

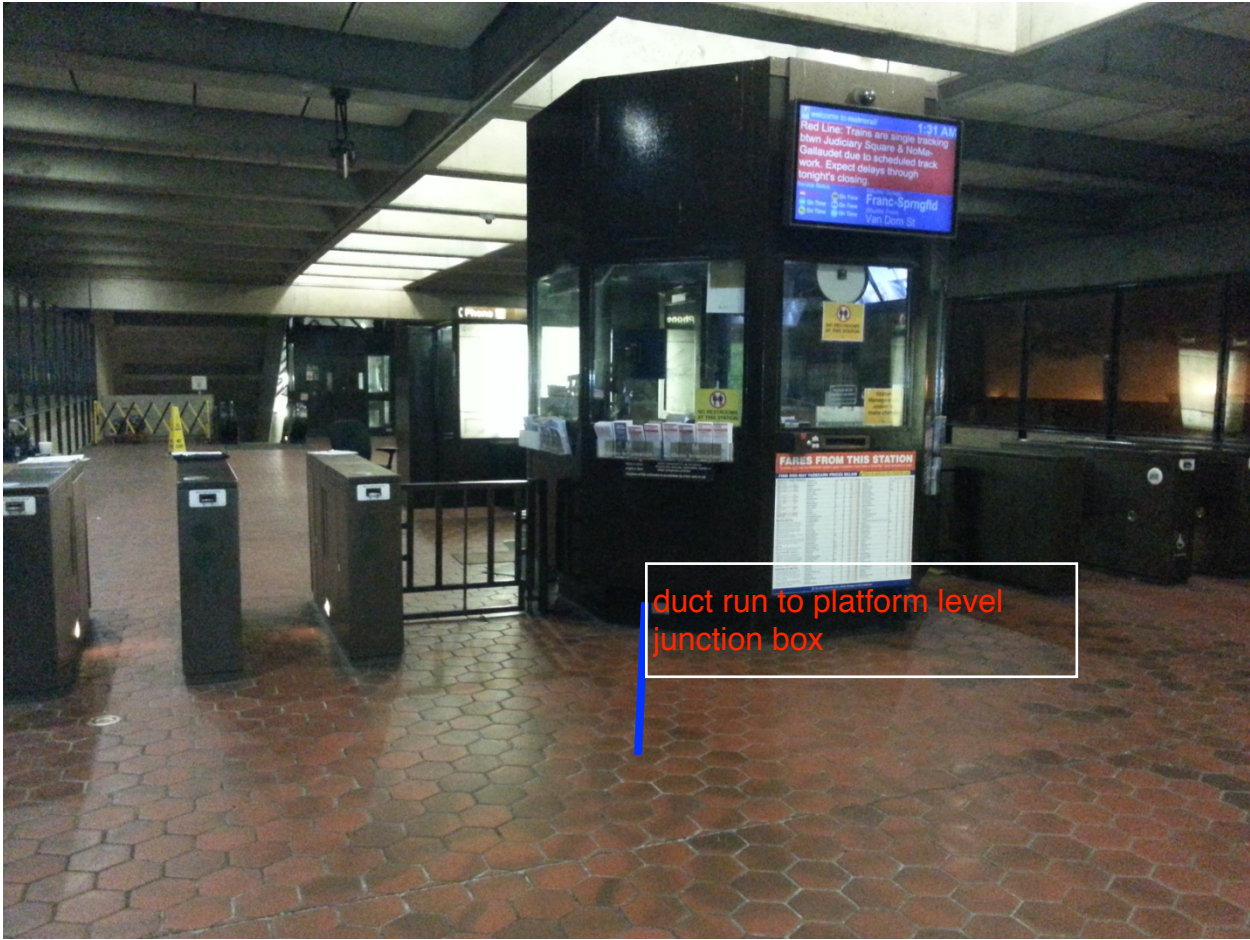


Photo #2 – G03 Addison Road: Junction box to AFC Panel



Mezzanine Inspection Report

Date: 12/18/14	Station Name: G04 Morgan Boulevard	Mezzanine #: 110	Completed By: Mike Butler
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Summary

Video scoping and pull string installation could not be completed in power and communication ducts at the upper faregate array due to ducts that are at capacity and are very crowded with wires causing blockages. However, video scoping and pull string installation was successfully completed in power duct between Kiosk and AFC Panel; duct is in good condition and not at capacity.


No scanning was required at this mezzanine.

Scoping of Faregate Array(s)

Task	Yes/No	Notes
Communications Duct – Upper Faregate Array (14 gates)		
Was video scoping completed for the entire duct run?	No	Refer to "WMATA Morgan Blvd 6inch Comm Faregate (1).avi"
Were pull strings installed at all faregates in the array?	No	
Were there any obstructions or blockages? Provide details of type and specific location.	Yes	Crowded wires caused blockage at 6 th gate from the Kiosk side.
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	Yes	6" walker duct with more than 25 wires.
Power Duct - Upper Faregate Array (14 gates)		
Was video scoping completed for the entire duct run?	No	Refer to "WMATA Morgan Blvd 6inch Power Faregate (1).avi"
Were there any obstructions or blockages? Provide details of type and specific location.	Yes	Crowded wires caused blockage at 6 th gate from the Kiosk side.
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	Yes	6" walker duct with more than 25 wires.

Scoping of Power Duct / Conduit - Kiosk to AFC Panel

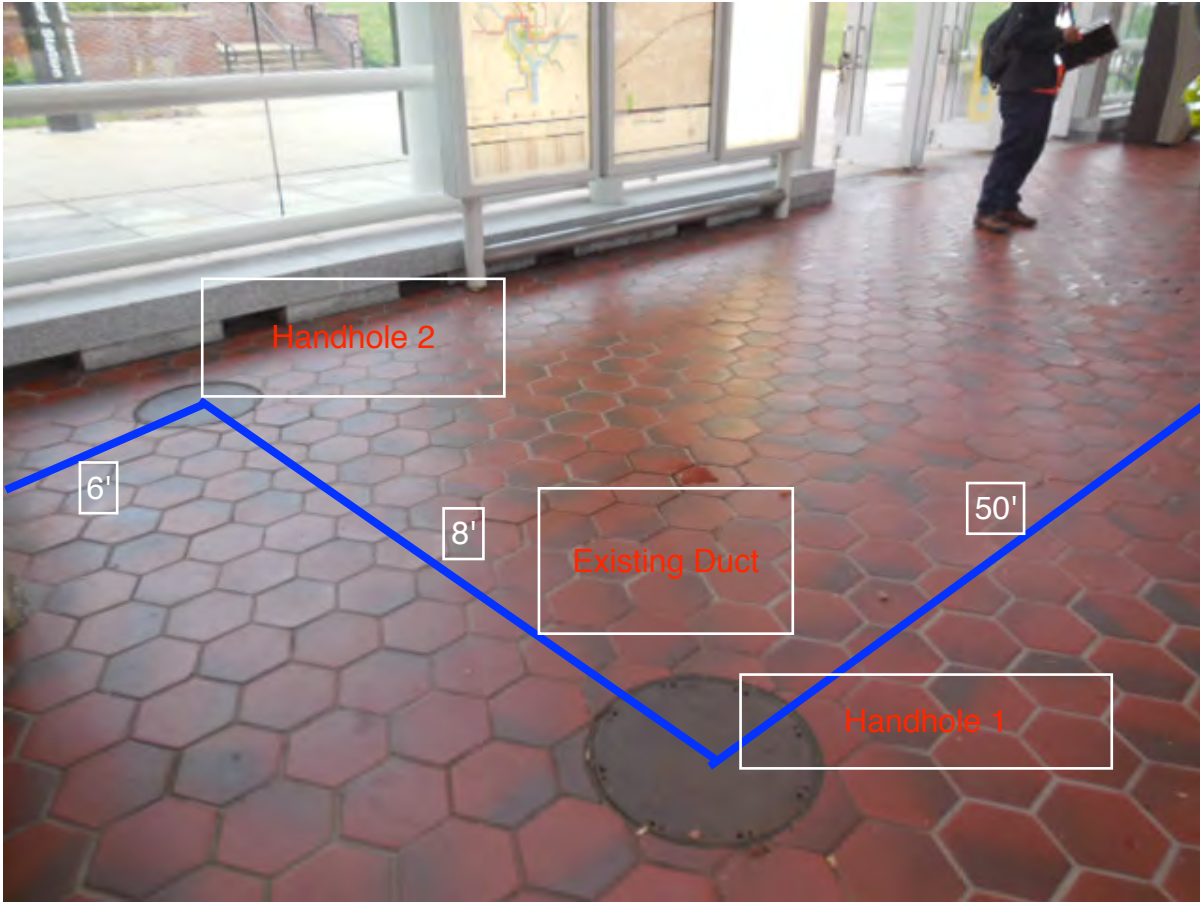
Task	Yes/No	Notes
Kiosk to Handhole 1 (Distance: 50')		
Was video scoping completed for the entire duct run?	Yes	Refer to "WMATA Morgan Blvd 6inch Power Kiosk to HH1.avi"
Were pull strings installed at all faregates in the array?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	6" walker duct with less than 15 wires.
Handhole 1 to Handhole 2 (Distance: 8')		
Was video scoping completed for the entire duct run?	Yes	Refer to "WMATA Morgan Blvd 6inch Power HH1 to HH2 (1).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	
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	6" walker duct with less than 15 wires.

Handhole 2 to Handhole 3 (Distance: 6')		
Was video scoping completed for the entire duct / conduit run?	No	Short run. Visual inspection completed.
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" walker duct with less than 15 wires.
Handhole 3 to Handhole 4 (Distance: 6')		
Was video scoping completed for the entire duct / conduit run?	No	Short run. Visual inspection completed.
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" walker duct with less than 15 wires.
Handhole 4 to Junction Box in Room 205 (Distance: 15')		
Was video scoping completed for the entire duct / conduit run?	No	Short run. Visual inspection completed.
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" walker duct with less than 15 wires.
Junction Box to AFC Panel (Distance: 5')		
Was video scoping completed for the entire duct / conduit run?	No	Scoping of conduit not required.
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	2" conduit with less than 15 wires.
Observations / Issues / Next Steps		
<ul style="list-style-type: none"> - Total distance of power run between Kiosk and AFC Panel is 90' (85' existing duct and 5' existing conduit) - Handhole 3 and Handhole 4 are located in back room corridor. - Existing AFC Installation Plan is not available for this mezzanine. 		
Sign Off		
	GFP Representative	WMATA PRGM
Name:	Mike Butler	
Signature:		
Date:	03/05/15	

Photo#1 – Existing duct layout on mezzanine floor



Photo#2 – Existing duct layout on mezzanine floor



Photo#3 – Existing duct layout in back room corridor



Photo#4 – Existing duct and conduit layout in Room 205



