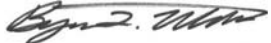
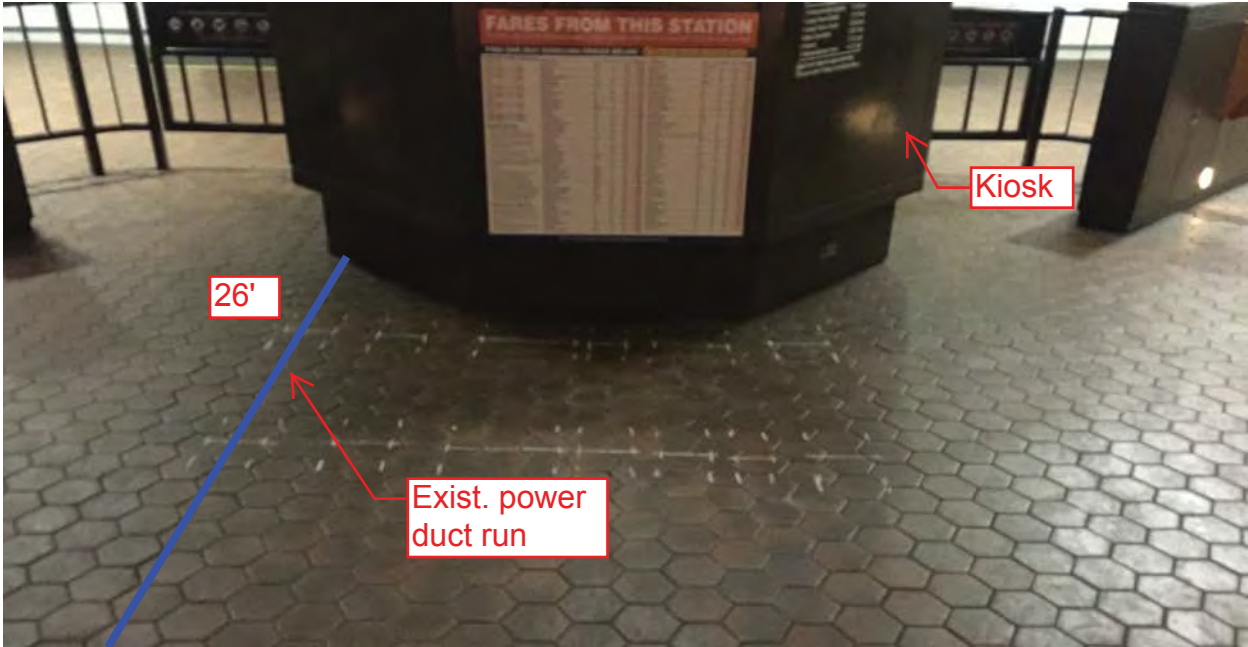


## Mezzanine Inspection Report (Scoping)

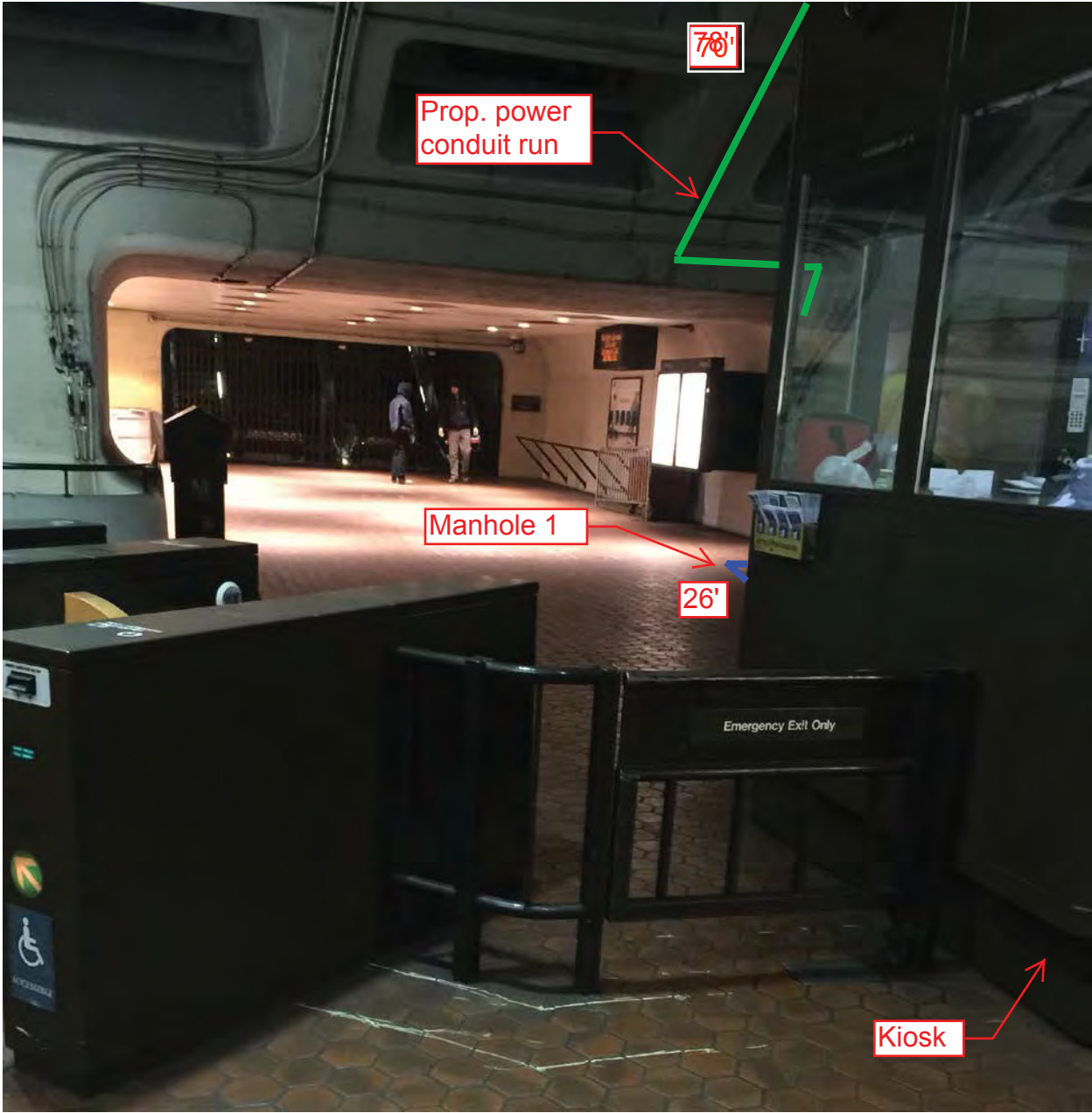
<b>Date:</b> 01/23/2015	<b>Station Name:</b> Potomac Ave – D07	<b>Mezzanine #:</b> 061	<b>Completed By:</b> Chris Loose
<b>Summary</b>			
<p>Video scoping and pull string installation completed for communication ducts for the faregate arrays. Video scoping completed for power ducts for the faregate arrays as well. Video scoping was partially completed in the power run from the kiosk to junction box 1 due to two 90 degree bends between manhole 1 and junction box 1. Video scoping was not completed from junction box 1 to AFC panel due to run being conduit. Pull string was installed in power run from kiosk to manhole 1, and junction box 1 to AFC panel (via junction box 2). AFC panel is located in mechanical equipment room 301 which is on the 2<sup>nd</sup> floor off of room C201.</p> <p>Scanning was completed at this mezzanine. The proposed run between the kiosk and AFC panel includes a proposed conduit from the kiosk to junction box 1 and then the use of the existing conduit from junction box 1 to the AFC panel via junction box 2. The proposed conduit will run from above the kiosk along the mezzanine and entrance passageway ceiling into junction box 1 in room C201 via a core drilled hole. Refer to scanning sketch for additional run details.</p>			
<b>Scoping of Faregate Array(s)</b>			
<b>Task</b>	<b>Yes/No</b>	<b>Notes</b>	
<b>Communications Duct - Upper Faregate Array (5 gates)</b>			
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Potomac Ave 6inch Upper Comm Faregate.avi file.	
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 15 wires	
<b>Communications Duct - Lower Faregate Array (6 gates)</b>			
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Potomac Ave 3inch Lower Comm Faregate.avi file.	
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	3" duct less than 15 wires	
<b>Power Duct - Upper Faregate Array (5 gates)</b>			
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Potomac Ave 6inch Upper 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 15 wires	
<b>Power Duct - Lower Faregate Array (6 gates)</b>			
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Potomac Ave 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 15 wires	

Scoping of Power Duct - Kiosk to AFC Panel		
Task	Yes/No	Notes
<b>Kiosk to Manhole 1 (26' run)</b>		
Was video scoping completed for the entire duct / conduit run?	Yes	
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
<b>Manhole 1 to Junction Box 1 (20' run)</b>		
Was video scoping completed for the entire duct / conduit run?	No	
Was pull string installed?	No	
Were there any obstructions or blockages? Provide details of type and specific location.	Yes	Two 90 degree bends prevented necessary camera access and pull string installation.
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
<b>Junction Box 1 to Junction Box 2 (30' run)</b>		
Was video scoping completed for the entire duct / conduit run?	No	Scoping not required for conduit
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
<b>Junction Box 2 to AFC Panel (80' run)</b>		
Was video scoping completed for the entire duct / conduit run?	No	Scoping not required for conduit
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
<b>Observations / Issues / Next Steps</b>		
<p>Total length of existing power run from Kiosk to AFC Panel is approximately 156'.</p> <p>Proposed power run from kiosk to AFC Panel will require approximately 70' of new conduit between the kiosk and junction box 1. The existing conduit will be used from junction box 1 to AFC Panel via junction box 2.</p>		
<b>Sign Off</b>		
	<b>GFP Representative</b>	<b>WMATA PRGM</b>
<b>Name:</b>	Byron Williams	
<b>Signature:</b>		
<b>Date:</b>	02/14/2015	

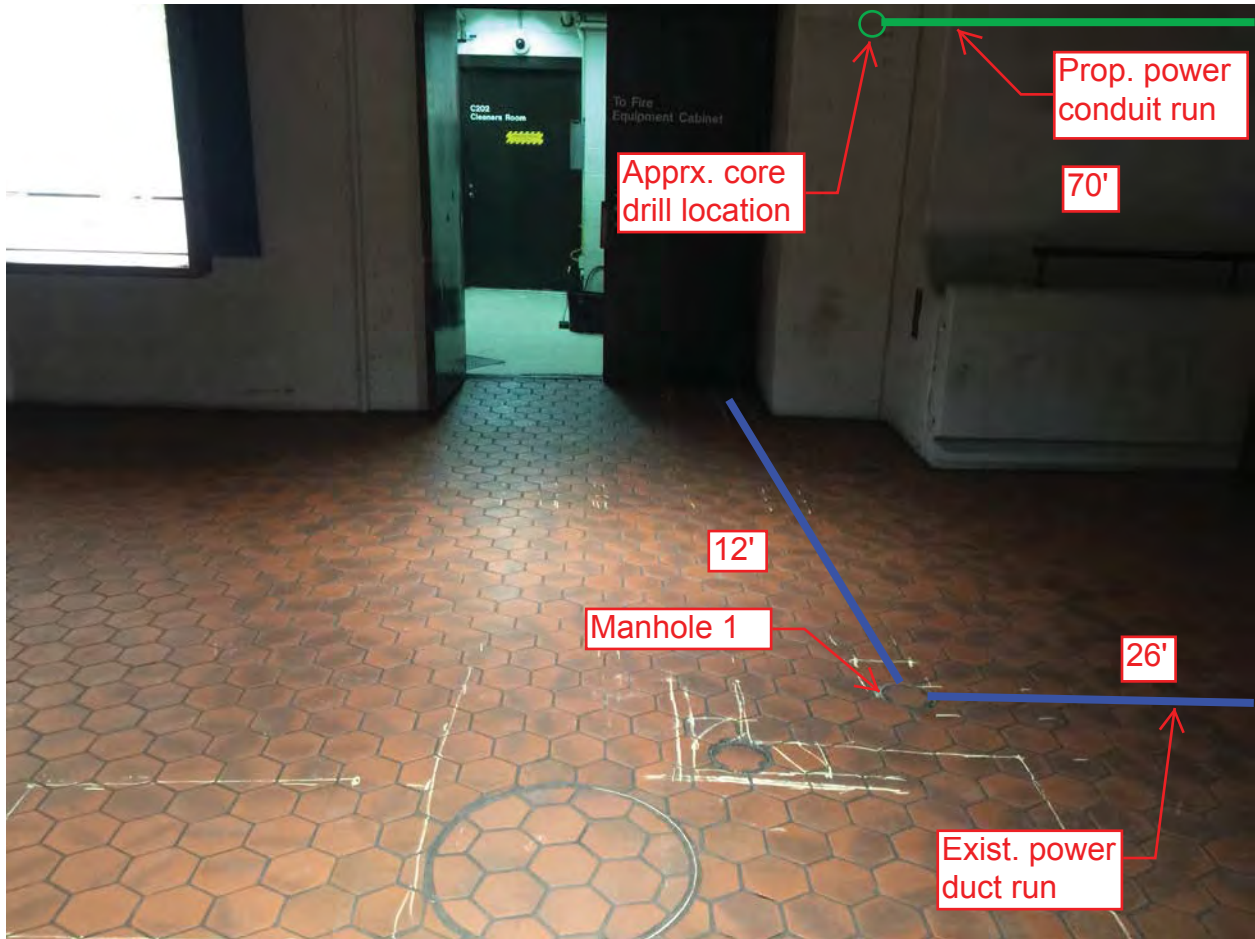
Picture 1: D07 Potomac Ave – Existing duct run from kiosk toward room C201



Picture 2: D07 Potomac Ave – Existing & proposed runs from kiosk toward room C201



Picture 3: D07 Potomac Ave – Existing duct run from manhole 1 to junction box 1 & proposed conduit to junction box 1



Picture 4: D07 Potomac Ave – Existing duct run into junction box 1 & proposed conduit to junction box 1

