



Pavement Coring Report

Project Name: York Road Pavement Improvements
Project Number: 220076 **Prime Contractor:** ----
Project Owner: City of North Royalton **Paving Contractor:** ----
Location: York Road, North Royalton OH **Core Diameter:** 4"
 See core locations on attached map **Type:** Thickness ___ Exploratory X
Date: 3/22/2022 **Technician:** Joshua Layne

Core #	Location	Cored Material Description	Actual Material Thickness In Inches	Plan Depth	Condition/Type of Subgrade -Aggregate Size -Remarks		
1	York Road STA 105+50 (Right-lane) See attached map.	Asphalt	1.3	N/A	3/8" max aggregate - limestone		
		"	0.0	"	Fabric		
		"	1.5	"	1/2" max aggregate - limestone		
		"	1.3	"	1/2" max aggregate - limestone		
		"	4.3	"	3/8" max aggregate - limestone		
		"	4.0	"	Red Brick		
					Base material is sand/gravel of 4 inches.		
					Sub-base material is clay.		
				Sub-total cored	12.25		
2	York Road STA 115+50 (Center-lane) See attached map.	Asphalt	1.3	N/A	3/8" max aggregate - limestone		
		"	0.0	"	Fabric		
		"	1.5	"	1/2" max aggregate - limestone		
		"	1.0	"	1/2" max aggregate - limestone		
		"	5.0	"	3/4" max aggregate - limestone		
		"	4.0	"	Red Brick		
					Base material is sand/gravel of 3.75 inches.		
					Thin layer of Concrete of 1 inch.		
					Sub-base material is clay.		
		Sub-total cored	12.75				
3	York Road STA 125+50 (Left-lane) See attached map.	Asphalt	1.0	N/A	3/8" max aggregate - limestone		
		"	0.0	"	Fabric		
		"	1.8	"	1/2" max aggregate - limestone		
		"	1.5	"	1/2" max aggregate - limestone		
		"	5.3	"	3/4" max aggregate - limestone & slag		
					Base material is limestone with fines through 1.5 inch max aggregate.		
					Sub-base material is sandy gravel with some clay.		
				Sub-total cored	9.50		
				Total Cored	34.50		

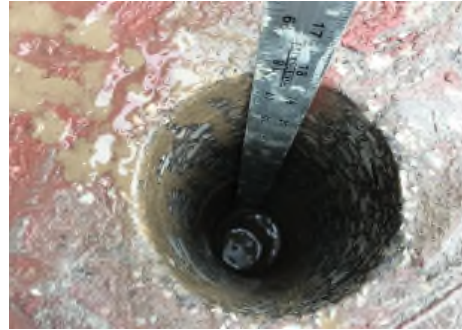
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 See core locations on attached map
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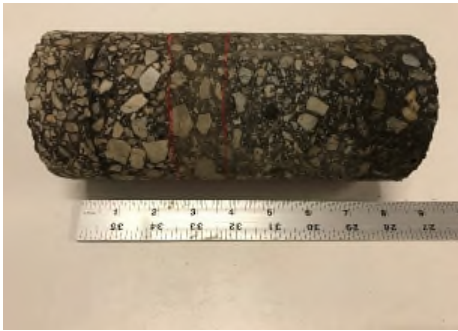
Prime Contractor: ----
Paving Contractor: ----
Core Diameter: 4"
Type: Thickness ___ Exploratory X
Technician: Joshua Layne



Core Location



Core Opening



Core Sample



Core Sample



Base Material



Sub-base Material

Pavement Coring Report

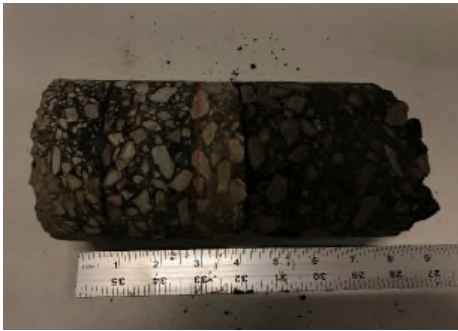
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Project Number:	220076	Paving Contractor:	----
Project Owner:	City of North Royalton	Core Diameter:	4"
Location:	York Road, North Royalton OH	Type:	Thickness ___ Exploratory <u>X</u>
See core locations on attached map		Technician:	Joshua Layne
Date:	3/22/2022		



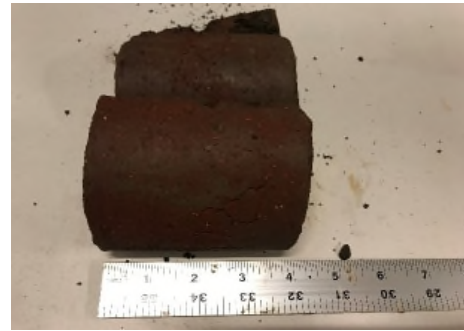
Core Location



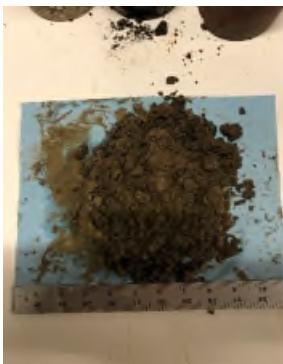
Core Opening



Core Sample



Core Sample



Base Material



1 Inch Concrete



Sub-base Material

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Project Owner: City of North Royalton

Location: York Road, North Royalton OH

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Date: 3/22/2022

Prime Contractor: ----

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Core Diameter: 4"

Type: Thickness ___ Exploratory X

Technician: Joshua Layne



Core Location



Core Opening



Core Sample



Base Material



Sub-base Material



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Location: York Road, North Royalton OH **Core Diameter:** 4"
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Date: 3/22/2022 **Technician:** Joshua Layne

Core #	Location	Cored Material Description	Actual Material Thickness In Inches	Plan Depth	Condition/Type of Subgrade -Aggregate Size -Remarks	
4	York Road STA 135+50 (Right-lane) See attached map.	Asphalt	1.3	N/A	3/8" max aggregate - limestone	
		"	1.3	"	1/2" max aggregate - limestone	
		"	1.8	"	1/2" max aggregate - limestone	
		"	1.5	"	3/4" max aggregate - limestone	
		"	1.8	"	3/8" max aggregate - limestone & slag	
		"	3.8	"	1/2" max aggregate - limestone & slag	
						Core stopped in concrete layer, drilled down into concrete about 3-4 inches, the bit not able to cut through to retrieve core.
		Sub-total cored	11.25			
5	York Road STA 145+50 (Center-lane) See attached map.	Asphalt	1.3	N/A	3/8" max aggregate - limestone	
		"	0.0	"	Fabric	
		"	1.8	"	1/2" max aggregate - limestone	
		"	7.0	"	3/8" max aggregate - limestone & slag (note: layer crumbled into pieces).	
		"		"		
		Sand		"	sand aggregate about 1-2 inches	
		Red Brick	4.0		Red Brick	
						Base material is sand/gravel with some clay.
		Sub-total cored	14.0			
6	York Road STA 185+50 (Left-lane) See attached map.	Asphalt	1.3	N/A	3/8" max aggregate - limestone	
		"	0.0	"	Fabric	
		"	1.5	"	1/2" max aggregate - limestone	
		"	2.8	"	1/2" max aggregate - riverstone	
		"	6.5	"	3/4" max aggregate - riverstone	
						Base material is limestone with fines through 1.5 inch max aggregate well compacted.
		Sub-total cored	12.0			
		Total Cored	37.3			

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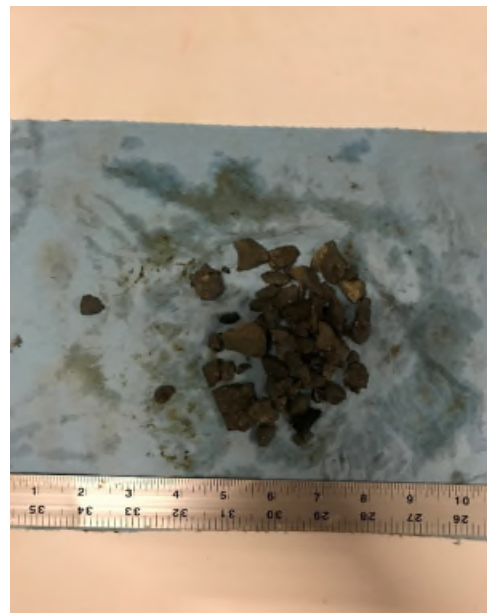
Core Location



Core Opening



Core Sample



Base Material

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Core Location



Core Opening



Core Sample



Core Sample



Base Material

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Core Location



Core Opening

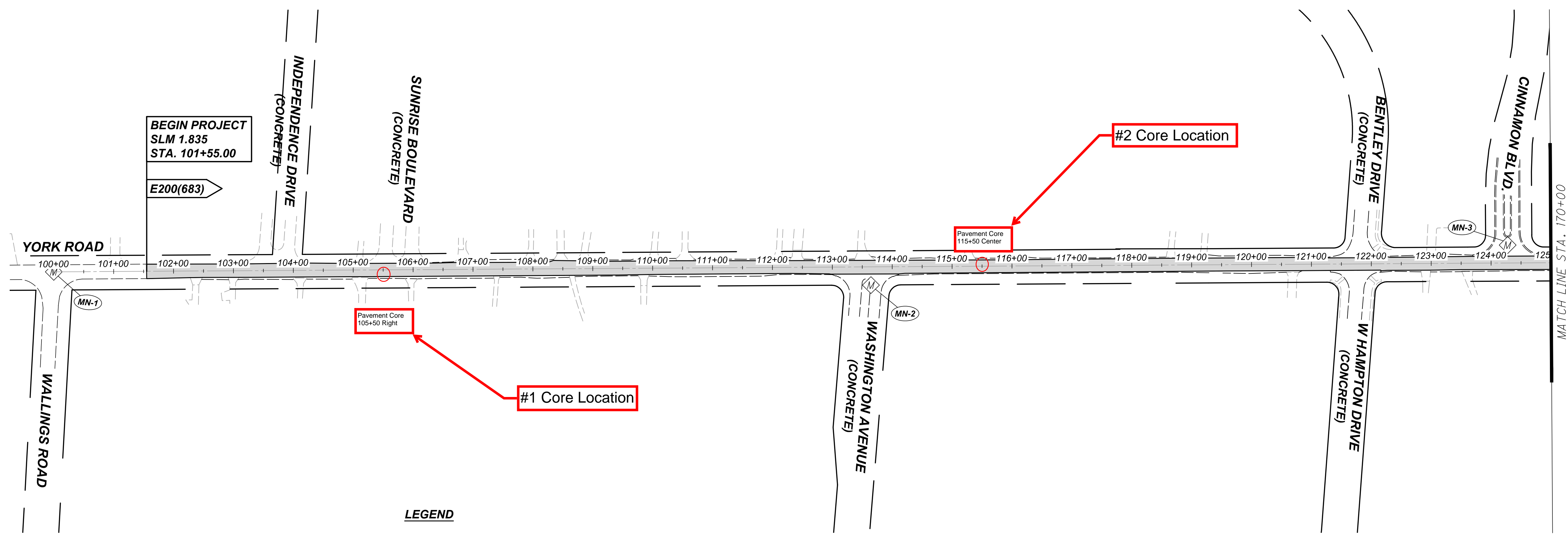


Core Sample

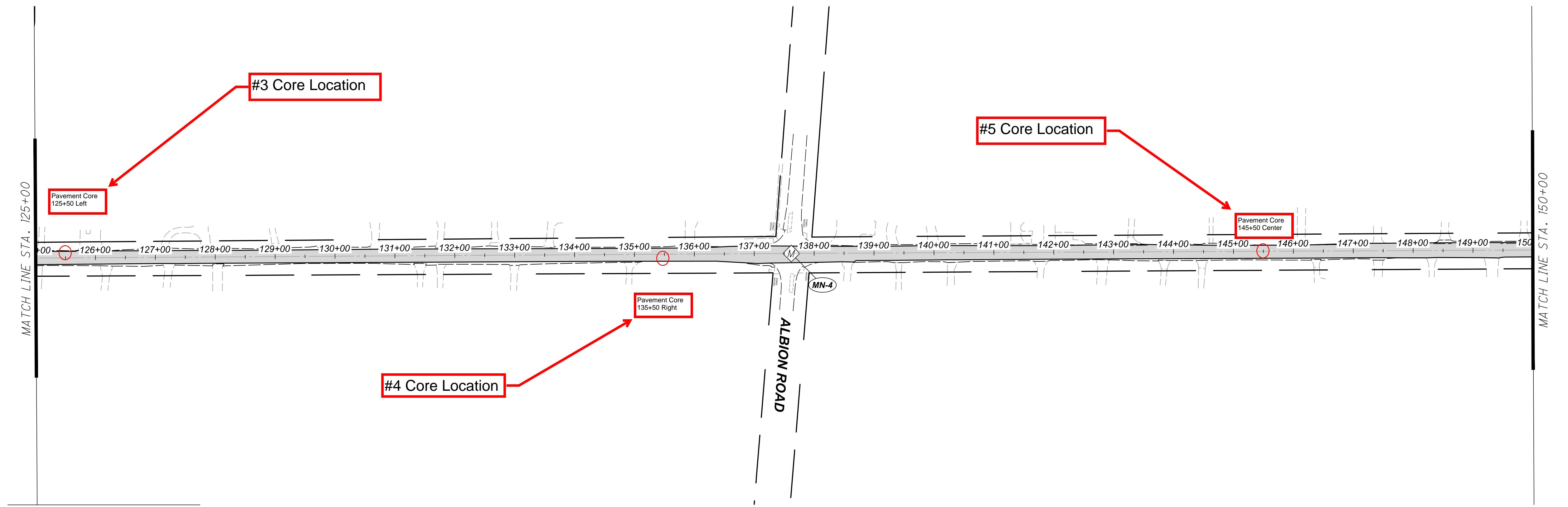


Base Material

Feb 07, 2022 - 10:52am
drawing name: C:\CT\CAD\DRIVES\H\2022\220076\DWG\Sheets\C_220076 - Schematic Plan.dwg Layout: 2 by: stevens



- LEGEND**
- ITEM 441 - 1.25" SURFACE COURSE, TYPE 1, (448) PG70-22M
ITEM 441 - 1.00" INTERMEDIATE COURSE, TYPE 1, (448) PG64-22
 - ITEM 441 - 1.5" SURFACE COURSE, TYPE 1, (448), PG64-22
N/A
 - MONUMENT BOX
 - MN-# MONUMENT BOX #



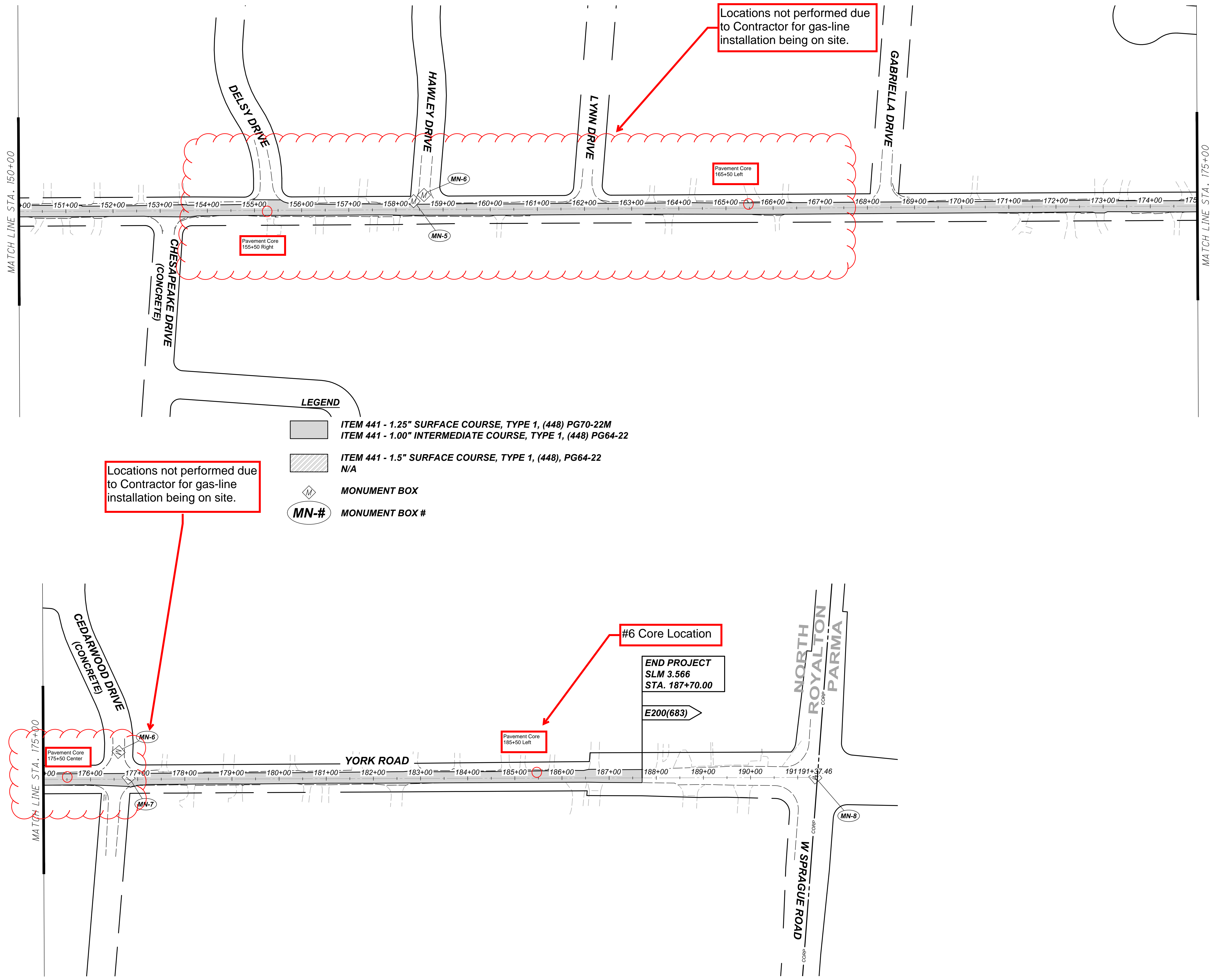
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HORIZONTAL SCALE IN FEET

CALCULATED	GMS	CHECKED	PJF
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**SCHEMATIC PLAN 1 - YORK ROAD
STA. 101+70 TO STA. 150+00**

Feb 07, 2022 - 10:52am
drawing name: C:\CT\CAD\DRIVES\H\2022\220076\DWG\Sheets\C_220076 - Schematic Plan.dwg Layout: 3 by: stevens



Locations not performed due to Contractor for gas-line installation being on site.

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 - ITEM 441 - 1.5" SURFACE COURSE, TYPE 1, (448), PG64-22
N/A
 - MONUMENT BOX
 - MN-# MONUMENT BOX #

CALCULATED
GMS
CHECKED
PJF

0 100 200
HORIZONTAL
SCALE IN FEET

**SCHEMATIC PLAN 1 - YORK ROAD
STA. 101+70 TO STA. 199+00**