



**WINCAN**

**Project**

Project

E 305th

2/15/2024



**WINCAN**

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E 305th

2/1/2024

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# WINCAN

## Project Information

Project  
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### Section Summary

Project  
E 305th

2/1/2024

Number of sections	13
Total length of sections	2049.76 ft
Total length of inspected sections	2049.76 ft
Total length of not inspected sections	0.00 ft
Total abandoned inspections	0
Number of section inspection photos	0
Number of section inspection videos	13
Number of section inspection scans	0
Number of section inclination measurements	0

Pipe Segment Reference City <b>Willowick</b> Street <b>E305</b> Total Length <b>79.9</b>	Upstream MH <b>397</b> Downstream MH <b>399A</b> Profile <b>Circular 18 inch</b> Material <b>Vitrified Clay Pipe</b>
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Distance	PACP Code	Observation
1	0.0	AMH Manhole
2	0.0	MWL Water Level, 25% of the vertical dimension
3	6.7	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
4	28.9	TFA Tap Factory Made Active, at 3 o'clock , 6 inch dim
5	55.9	TFA Tap Factory Made Active, at 9 o'clock , 6 inch dim
6	57.0	CM Crack Multiple, from 12 o'clock to 9 o'clock
7	79.9	AMH Manhole

Pipe Segment Reference City <b>Willowick</b> Street <b>E 305th St</b> Total Length <b>22.4</b>	Upstream MH <b>399A</b> Downstream MH <b>399</b> Profile <b>Circular 18 inch</b> Material <b>Vitrified Clay Pipe</b>
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Distance	PACP Code	Observation
1	0.0	AMH Manhole
2	0.0	MWL Water Level, 25% of the vertical dimension
3	16.9	TFA Tap Factory Made Active, at 11 o'clock , 6 inch dim
4	22.4	TBA Tap Break-In Active, at 11 o'clock , 6 inch dim

Pipe Segment Reference City <b>Willowick</b> Street <b>E 305th St</b> Total Length <b>26.2</b>	Upstream MH <b>399B</b> Downstream MH <b>399</b> Profile <b>Circular 18 inch</b> Material <b>Vitrified Clay Pipe</b>
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### Section Summary

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Distance	PACP Code	Observation
1 ↑ ○ 0.0	AMH	Manhole
2 ↓ ○ 0.0	MWL	Water Level, 25% of the vertical dimension
3 8.0	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
4 26.2	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim
Pipe Segment Reference		Upstream MH <b>399B</b>
City <b>Willowick</b>		Downstream MH <b>400</b>
Street <b>E 305th St</b>		Profile
Total Length <b>108.8</b>		Material <b>Vitrified Clay Pipe</b>
Distance	PACP Code	Observation
1 ↓ ○ 0.0	AMH	Manhole
2 ↓ ○ 0.0	MWL	Water Level, 25% of the vertical dimension
3 25.5	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
4 33.9	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
5 84.2	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
6 108.8	AMH	Manhole
Pipe Segment Reference		Upstream MH <b>400</b>
City <b>Willowick</b>		Downstream MH <b>401</b>
Street <b>E 305th St</b>		Profile
Total Length <b>109.2</b>		Material <b>Vitrified Clay Pipe</b>
Distance	PACP Code	Observation
1 ↑ ○ 0.0	AMH	Manhole
2 ↑ ○ 0.0	MWL	Water Level, 25% of the vertical dimension
3 18.1	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim
4 20.0	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
5 61.4	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
6 71.5	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
7 109.2	AMH	Manhole
Pipe Segment Reference		Upstream MH <b>401</b>
City <b>Willowick</b>		Downstream MH <b>402</b>
Street <b>E 305th St</b>		Profile
Total Length <b>78.8</b>		Material <b>Vitrified Clay Pipe</b>
Distance	PACP Code	Observation
1 ↓ ○ 0.0	AMH	Manhole
2 ↓ ○ 0.0	MWL	Water Level, 25% of the vertical dimension
3 2.7	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
4 4.7	TFB	Tap Factory Made Abandoned, at 9 o'clock , 6 inch dim
5 53.3	TBB	Tap Break-In Abandoned, at 9 o'clock , 6 inch dim
6 55.7	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
7 78.8	AMH	Manhole
Pipe Segment Reference		Upstream MH <b>402</b>
City <b>Willowick</b>		Downstream MH <b>404</b>
Street <b>E 305th St</b>		Profile
Total Length <b>186.7</b>		Material <b>Vitrified Clay Pipe</b>
Distance	PACP Code	Observation
1 ↑ ○ 0.0	AMH	Manhole

### Section Summary

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**E 305th**

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	Distance	PACP Code	Observation
2	0.0	MWL	Water Level, 25% of the vertical dimension
3	18.3	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim
4	39.0	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
5	70.2	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim
6	111.0	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
7	120.8	TBA	Tap Break-In Active, at 10 o'clock , 6 inch dim
8	172.1	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim
9	185.7	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
10	186.7	AMH	Manhole

Pipe Segment Reference		Upstream MH	<b>404</b>
City	<b>Willowick</b>	Downstream MH	<b>405</b>
Street	<b>E 305th St</b>	Profile	<b>Circular 18 inch</b>
Total Length	<b>268.6</b>	Material	<b>Vitrified Clay Pipe</b>

	Distance	PACP Code	Observation
1	0.0	AMH	Manhole
2	0.0	MWL	Water Level, 20% of the vertical dimension
3	18.8	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim
4	28.9	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
5	61.8	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
6	77.9	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
7	127.4	TFA	Tap Factory Made Active, at 1 o'clock , 6 inch dim
8	129.6	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
9	180.7	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim
10	199.1	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
11	226.6	FM	Fracture Multiple, from 11 o'clock to 9 o'clock
12	228.2	TBB	Tap Break-In Abandoned, at 10 o'clock , 6 inch dim
13	264.9	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
14	268.6	AMH	Manhole

Pipe Segment Reference		Upstream MH	<b>405</b>
City	<b>Willowick</b>	Downstream MH	<b>406</b>
Street	<b>E 305th St</b>	Profile	
Total Length	<b>268.2</b>	Material	<b>Vitrified Clay Pipe</b>

	Distance	PACP Code	Observation
1	0.0	AMH	Manhole
2	0.0	MWL	Water Level, 20% of the vertical dimension
3	6.5	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
4	24.9	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim
5	52.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
6	63.1	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
7	105.9	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim
8	117.1	FM	Fracture Multiple, from 5 o'clock to 12 o'clock
9	136.6	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
10	155.0	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
11	161.5	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim
12	204.9	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim
13	206.6	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
14	255.3	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
15	268.2	AMH	Manhole

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<b>Pipe Segment Reference</b> City <b>Willowick</b> Street <b>E 305th St</b> Total Length <b>243.1</b>	Upstream MH <b>406</b> Downstream MH <b>407</b> Profile Material <b>Vitrified Clay Pipe</b>
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Distance	PACP Code	Observation
1	0.0	AMH Manhole
2	0.0	MWL Water Level, 15% of the vertical dimension
3	0.5	TFA Tap Factory Made Active, at 2 o'clock , 6 inch dim
4	30.4	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
5	54.2	TFA Tap Factory Made Active, at 1 o'clock , 6 inch dim
6	71.2	TFA Tap Factory Made Active, at 2 o'clock , 6 inch dim
7	83.7	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
8	132.4	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
9	140.2	TFA Tap Factory Made Active, at 2 o'clock , 6 inch dim
10	178.8	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
11	219.3	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
12	237.6	TFB Tap Factory Made Abandoned, at 2 o'clock , 6 inch dim
13	241.1	TFA Tap Factory Made Active, at 8 o'clock , 8 inch dim
14	243.1	AMH Manhole

<b>Pipe Segment Reference</b> City <b>Willowick</b> Street <b>E 305th St</b> Total Length <b>281.1</b>	Upstream MH <b>407</b> Downstream MH <b>407A</b> Profile Material <b>Vitrified Clay Pipe</b>
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Distance	PACP Code	Observation
1	0.0	AMH Manhole
2	0.0	MWL Water Level, 20% of the vertical dimension
3	32.8	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
4	71.0	TFA Tap Factory Made Active, at 10 o'clock , 6 inch dim
5	84.9	AMH Manhole
6	97.6	CM Crack Multiple, from 12 o'clock to 4 o'clock
7	121.9	TFC Tap Factory Made Capped, at 11 o'clock , 6 inch dim
8	124.0	TFA Tap Factory Made Active, at 2 o'clock , 6 inch dim
9	171.0	TFC Tap Factory Made Capped, at 11 o'clock , 6 inch dim
10	187.4	TFC Tap Factory Made Capped, at 2 o'clock , 6 inch dim
11	197.9	TFA Tap Factory Made Active, at 1 o'clock , 6 inch dim
12	218.1	TFC Tap Factory Made Capped, at 11 o'clock , 6 inch dim
13	224.3	TFA Tap Factory Made Active, at 1 o'clock , 6 inch dim
14	255.0	TFA Tap Factory Made Active, at 2 o'clock , 6 inch dim
15	267.8	TFA Tap Factory Made Active, at 11 o'clock , 6 inch dim
16	272.1	TFA Tap Factory Made Active, at 2 o'clock , 6 inch dim
17	281.1	AMH Manhole

<b>Pipe Segment Reference</b> City <b>Willowick</b> Street <b>E 305th St</b> Total Length <b>211.6</b>	Upstream MH <b>407B</b> Downstream MH <b>408</b> Profile Material <b>Vitrified Clay Pipe</b>
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Distance	PACP Code	Observation
1	0.0	AMH Manhole
2	0.2	MWL Water Level, 20% of the vertical dimension
3	33.8	TFA Tap Factory Made Active, at 2 o'clock , 6 inch dim



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	Distance	PACP Code	Observation
4	36.4	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim
5	85.6	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim
6	136.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
7	186.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim
8	211.6	AMH	Manhole

Pipe Segment Reference	Upstream MH	408
City	Downstream MH	20
Street	Profile	
Total Length	Material	Vitrified Clay Pipe

	Distance	PACP Code	Observation
1	0.0	AMH	Manhole
2	0.0	MWL	Water Level, 20% of the vertical dimension
3	18.4	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim
4	61.2	TFB	Tap Factory Made Abandoned, at 2 o'clock , 6 inch dim
5	65.1	TFB	Tap Factory Made Abandoned, at 12 o'clock , 6 inch dim
6	67.3	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim
7	136.1	OBB	Obstacles Brick, 5% of cross sectional area, at 6 o'clock
8	165.4	OBR	Obstacles Rocks, 10% of cross sectional area, at 6 o'clock





# WINCAN

## Inspection report

Date: <b>2/1/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Downstream</b>	Pipe Joint Length:	Total Length: <b>79.9'</b>	Length Surveyed: <b>79.9'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>397</b>
Street: <b>E305</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>399A</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:603	Distance	Code	Observation	Counter	Photo	Grade
<b>397</b>						
	0.0	AMH	Manhole / MH 397	00:00:12		
	0.0	MWL	Water Level, 25% of the vertical dimension	00:00:16		
	6.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 462 connection is good 6.68ft from MH 397	00:02:02		
	28.9	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 434 connection is good 28.95ft from MH 397 lateral is lined	00:03:13		
	55.9	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim / 450 connection is good 55.94ft from MH 397	00:04:06		
	57.0	CM	Crack Multiple, from 12 o'clock to 9 o'clock	00:04:28		
	79.9	AMH	Manhole / MH 399A	00:05:48		
<b>399A</b>						

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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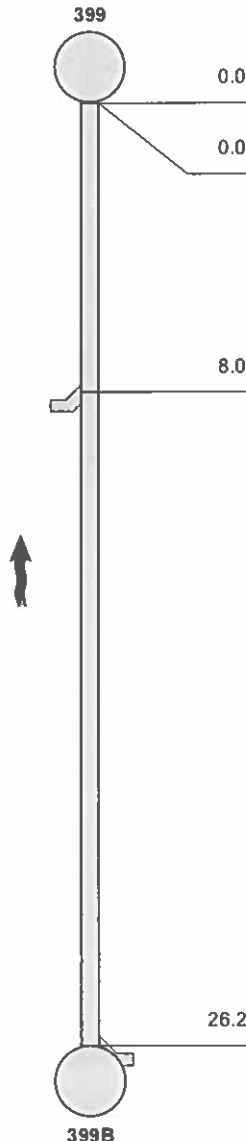


### Inspection report

Date: <b>2/1/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>26.2'</b>	Length Surveyed: <b>26.2'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>399B</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>399</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

	1:198	Distance	Code	Observation	Counter	Photo	Grade
		0.0	AMH	Manhole / 399B	00:00:02		
		0.0	MWL	Water Level, 25% of the vertical dimension	00:00:04		
		8.0	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 438 connection is good 8.05ft from MH 399B	00:05:06		
		26.2	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim / 423 connection is good 26.20ft from MH 399B	00:06:02		

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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### Inspection report

Date: <b>2/5/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Downstream</b>	Pipe Joint Length:	Total Length: <b>108.8'</b>	Length Surveyed: <b>108.8'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>399B</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>400</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:822	Distance	Code	Observation	Counter	Photo	Grade
	<b>399B</b>					
	0.0	AMH	Manhole / 399B	00:00:01		
	0.0	MWL	Water Level, 25% of the vertical dimension	00:00:04		
	25.5	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 409 connection is good 25.48ft from MH399B	00:01:47		
	33.9	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 432 connection is good 33.86ft from MH 399B	00:02:25		
	84.2	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 426 connection has heavy calcium deposits 84.22ft fromMH 399B	00:04:58		
	108.8	AMH	Manhole / MH 400	00:07:08		
	<b>400</b>					

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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## Inspection report

Date: <b>2/5/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>109.2'</b>	Length Surveyed: <b>109.2'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>400</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>401</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

	1:825 Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / 400	00:00:01		
	0.0	MWL	Water Level, 25% of the vertical dimension	00:00:01		
	18.1	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim / 418 connection is lined/good 18.10ft from MH 400	00:02:22		
	20.0	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 412 connection is good 20.01ft from MH 400	00:08:18		
	61.4	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 401 connection is good/ heavy calcium 61.41ft from MH 400	00:11:56		
	71.5	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 406 connection is good 71.49ft MH 400	00:12:49		
	109.2	AMH	Manhole / 401	00:14:53		

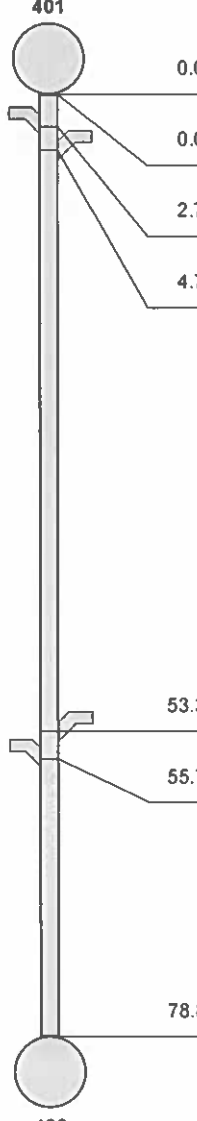
QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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### Inspection report

Date: <b>2/5/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Downstream</b>	Pipe Joint Length:	Total Length: <b>78.8'</b>	Length Surveyed: <b>78.8'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>401</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>402</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:596	Distance	Code	Observation	Counter	Photo	Grade	
	0.0	AMH	Manhole / 401	00:00:00			
	0.0	MWL	Water Level, 25% of the vertical dimension	00:00:02			
	2.7	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 406? connection is good 2.73ft MH 401	00:02:32			
	4.7	TFB	Tap Factory Made Abandoned, at 9 o'clock , 6 inch dim	00:03:18			
	53.3	TBB	Tap Break-In Abandoned, at 9 o'clock , 6 inch dim	00:05:04			
	55.7	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 371 connection is good 55.66ft from MH 401	00:05:25			
	78.8	AMH	Manhole / 402	00:07:13			

### Inspection report

Date: <b>2/5/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>186.7'</b>	Length Surveyed: <b>186.7'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>402</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>404</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:1409	Distance	Code	Observation	Counter	Photo	Grade
	<b>404</b>					
	0.0	AMH	Manhole / 402	00:00:03		
	0.0	MWL	Water Level, 25% of the vertical dimension	00:00:04		
	18.3	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim / 380 connection is good 18.33ft from MH 402	00:02:26		
	39.0	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 365 connection is good 39.02ft from MH 402	00:05:03		
	70.2	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim / 370 connection is good 70.21ft from MH 402	00:07:00		
	111.0	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 359 connection is good 111.02ft from MH 402	00:09:02		
	120.8	TBA	Tap Break-In Active, at 10 o'clock , 6 inch dim / 360 connection is good 120.78ft from MH 402	00:09:51		
	172.1	TFA	Tap Factory Made Active, at 9 o'clock , 6 inch dim / 350 connection is good 172.13ft from MH 402	00:14:20		
	185.7	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / 353 connection is good 185.71ft from MH 402	00:18:54		
	186.7	AMH	Manhole / 404	00:20:21		
<b>402</b>						
QSR	QMR	QOR	SPR	MPR	OPR	SPRI
						MPRI
						OPRI

### Inspection report

Date: <b>2/6/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Downstream</b>	Pipe Joint Length:	Total Length: <b>268.6'</b>	Length Surveyed: <b>268.6'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>404</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>405</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:2027	Distance	Code	Observation	Counter	Photo	Grade
	<b>404</b>					
	0.0	AMH	Manhole / 404	00:00:01		
	0.0	MWL	Water Level, 20% of the vertical dimension	00:00:03		
	18.8	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim / 347 connectionis good 18.78ft from MH 404 lateral is lined	00:02:55		
	28.9	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 350 connection is good 28.93ft from MH 404	00:03:45		
	61.8	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 341 connection is good 61.79ft from MH 404	00:05:33		
	77.9	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 342 connection is good 77.87ft from MH 404	00:06:34		
	127.4	TFA	Tap Factory Made Active, at 1 o'clock , 6 inch dim / 335 connection is good 127.37ft from MH 404	00:08:34		
	129.6	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 334 connectionis good 129.55ft from MH 404	00:09:08		
	180.7	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim / 328 connectionis good 180.66ft from MH 404	00:10:58		
	199.1	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 324 connection is good 199.11ft from MH 404	00:12:14		
	226.6	FM	Fracture Multiple, from 11 o'clock to 9 o'clock	00:15:06		
	228.2	TBB	Tap Break-In Abandoned, at 10 o'clock , 6 inch dim	00:15:13		
	264.9	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 323 connectionis good 264.93ft from MH 404	00:16:54		
	268.6	AMH	Manhole / 405	00:17:49		
	<b>405</b>					

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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## Inspection report

Date: <b>2/7/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>268.2'</b>	Length Surveyed: <b>268.2'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>405</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>406</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:2024	Distance	Code	Observation	Counter	Photo	Grade
	<b>406</b>					
	0.0	AMH	Manhole / 405	00:00:01		
	0.0	MWL	Water Level, 20% of the vertical dimension	00:00:03		
	6.5	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / 328 connection is good 6.51ft from MH 405	00:00:52		
	24.9	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim / 431 connection is good 22.38ft from MH 405	00:02:36		
	52.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:04:47		
	63.1	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 311 connection is good 63.07ft from MH 405	00:05:43		
	105.9	TFA	Tap Factory Made Active, at 3 o'clock , 6 inch dim / Shoregate	00:08:09		
	117.1	FM	Fracture Multiple, from 5 o'clock to 12 o'clock	00:09:16		
	136.6	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 305 connection is good 136.62ft from MH 405	00:10:23		
	155.0	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:11:10		
	161.5	TFA	Tap Factory Made Active, at 12 o'clock , 6 inch dim / 299 connection is good 161.46ft from MH 405	00:11:39		
	204.9	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 293 connection is good 204.88ft from MH 405	00:13:28		
	206.6	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:13:55		
	255.3	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shorgate	00:16:25		
	268.2	AMH	Manhole / 406	00:17:47		
	<b>405</b>					

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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## Inspection report

Date: <b>2/7/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Downstream</b>	Pipe Joint Length:	Total Length: <b>243.1'</b>	Length Surveyed: <b>243.1'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>406</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>407</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:1835	Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / 406	00:00:01		
	0.0	MWL	Water Level, 15% of the vertical dimension	00:00:03		
	0.5	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 287 connection is good .46ft from MH 406	00:00:27		
	30.4	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:02:02		
	54.2	TFA	Tap Factory Made Active, at 1 o'clock , 6 inch dim / 281 connection is good 54.17ft from MH 406	00:03:17		
	71.2	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 275 connection is good 71.24ft from MH 406	00:04:09		
	83.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:04:55		
	132.4	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:06:48		
	140.2	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / Willowick Library connection is good 140.24ft from MH 406	00:07:30		
	178.8	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:08:47		
	219.3	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:12:28		
	237.6	TFB	Tap Factory Made Abandoned, at 2 o'clock , 6 inch dim	00:14:16		
	241.1	TFA	Tap Factory Made Active, at 8 o'clock , 8 inch dim / Shoregate	00:14:47		
	243.1	AMH	Manhole / 407	00:15:28		

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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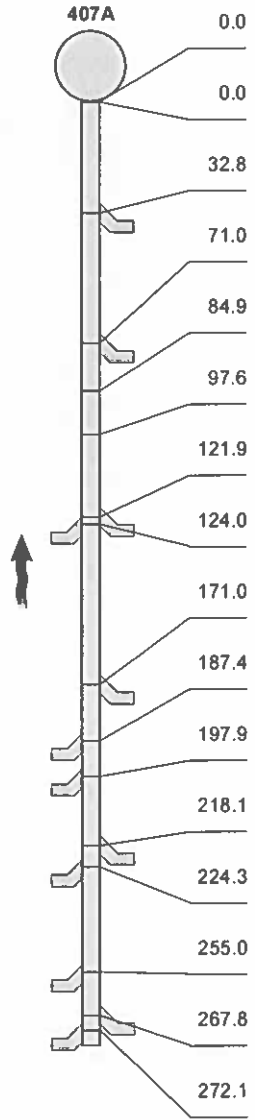
### Inspection report

Date: <b>2/7/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>281.1'</b>	Length Surveyed: <b>281.1'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>407</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>407A</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:2088	Distance	Code	Observation	Counter	Photo	Grade
<b>407A</b>	0.0	AMH	Manhole / 407	00:00:09		
	0.0	MWL	Water Level, 20% of the vertical dimension	00:00:09		
	32.8	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:02:10		
	71.0	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:04:31		
	84.9	AMH	Manhole / 407A Heavy Calcium Deposit	00:06:49		
	97.6	CM	Crack Multiple, from 12 o'clock to 4 o'clock	00:07:32		
	121.9	TFC	Tap Factory Made Capped, at 11 o'clock , 6 inch dim	00:09:11		
	124.0	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 239 connection is good 123.96ft from MH 407	00:09:33		
	171.0	TFC	Tap Factory Made Capped, at 11 o'clock , 6 inch dim	00:11:21		
	187.4	TFC	Tap Factory Made Capped, at 2 o'clock , 6 inch dim	00:12:32		
	197.9	TFA	Tap Factory Made Active, at 1 o'clock , 6 inch dim / 233 connection is good 197.93ft from MH 407	00:13:12		
	218.1	TFC	Tap Factory Made Capped, at 11 o'clock , 6 inch dim	00:14:15		
	224.3	TFA	Tap Factory Made Active, at 1 o'clock , 6 inch dim / 229 connection is good 224.26ft from MH 407	00:14:49		
	255.0	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 221 connection is good 254.95ft from MH 407	00:19:28		
	267.8	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim / Shoregate	00:20:56		
	272.1	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 221? connection is good 272.12 MH 407	00:21:33		







# WINCAN

## Inspection report

Date: <b>2/7/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>281.1'</b>	Length Surveyed: <b>281.1'</b>

1:2088	Distance	Code	Observation	Counter	Photo	Grade		
	281.1	AMH	Manhole / 407B	00:23:03				
								
407								
QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI



## Inspection report

Date: <b>2/7/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>211.6'</b>	Length Surveyed: <b>211.6'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>407B</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>408</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

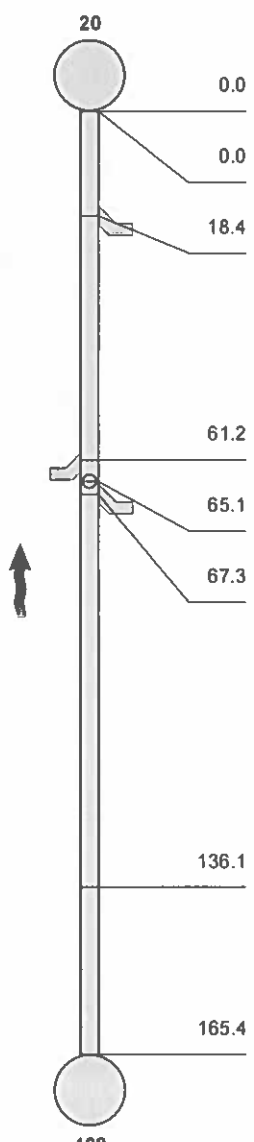
	1:1597 Distance	Code	Observation	Counter	Photo	Grade		
	0.0	AMH	Manhole / 407B	00:00:01				
	0.2	MWL	Water Level, 20% of the vertical dimension	00:00:35				
	33.8	TFA	Tap Factory Made Active, at 2 o'clock , 6 inch dim / 221 connection is good 33.80ft from MH 407B	00:03:15				
	36.4	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim / Shoregate	00:03:44				
	85.6	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim / Shoregate	00:05:34				
	136.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate /Old Bank	00:08:13				
	186.7	TFA	Tap Factory Made Active, at 10 o'clock , 6 inch dim / Shoregate	00:11:02				
	211.6	AMH	Manhole / 408	00:13:13				
408								
407B								
QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI

### Inspection report

Date: <b>2/8/2024</b>	Work Order:	Weather:	Surveyed By: <b>Eric and Cory</b>	Certificate Number: <b>1</b>	Pipe Segment Ref.:
Year laid:	Pre-cleaning: <b>No Pre-Cleaning</b>	Direction: <b>Upstream</b>	Pipe Joint Length:	Total Length: <b>165.4'</b>	Length Surveyed: <b>165.4'</b>

City: <b>Willowick</b>	Drainage Area:	Upstream MH: <b>408</b>
Street: <b>E 305th St</b>	Media Label:	Up Rim to Invert:
Location Code:	Flow Control:	Downstream MH: <b>20</b>
Location Details:	Sheet Number:	Down Rim to Invert:
Pipe shape: <b>Circular</b>	Sewer Use:	Total gallons used: <b>0.0</b>
Pipe size: <b>18"</b>	Sewer Category: <b>SEC</b>	Joints passed: <b>0</b>
Pipe material: <b>Vitrified Clay Pipe</b>	Purpose:	Joints failed: <b>0</b>
Lining Method:	Owner:	

Additional Info:

1:1249	Distance	Code	Observation	Counter	Photo	Grade
	20					
	0.0	AMH	Manhole / 408	00:00:02		
	0.0	MWL	Water Level, 20% of the vertical dimension	00:00:03		
	18.4	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim / Shoregate	00:01:41		
	61.2	TFB	Tap Factory Made Abandoned, at 2 o'clock , 6 inch dim	00:07:03		
	65.1	TFB	Tap Factory Made Abandoned, at 12 o'clock , 6 inch dim	00:07:43		
	67.3	TFA	Tap Factory Made Active, at 11 o'clock , 6 inch dim / Shoregate	00:08:17		
	136.1	OBB	Obstacles Brick, 5% of cross sectional area, at 6 o'clock	00:19:44		
	165.4	OBR	Obstacles Rocks, 10% of cross sectional area, at 6 o'clock	00:32:10		
	408					

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
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