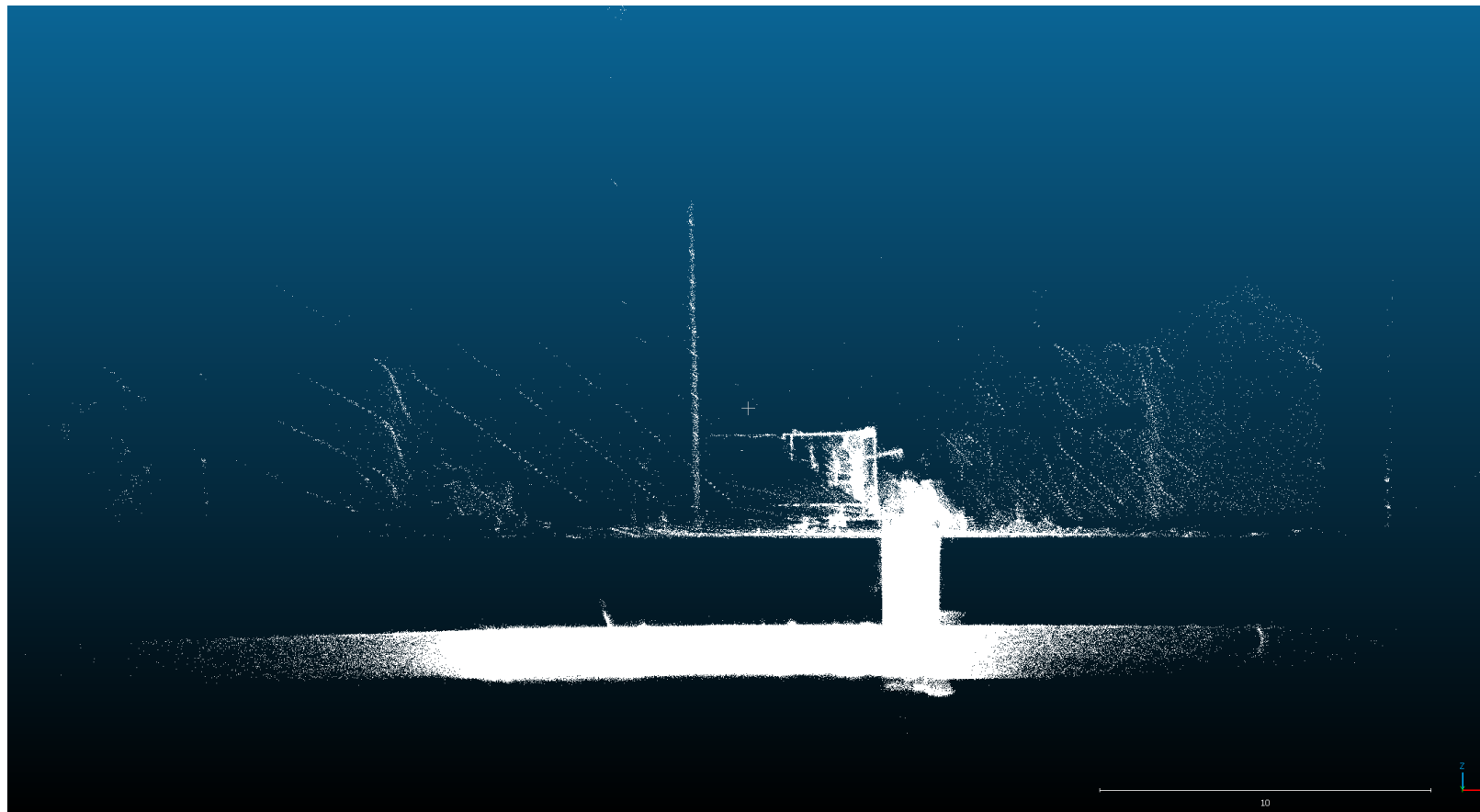
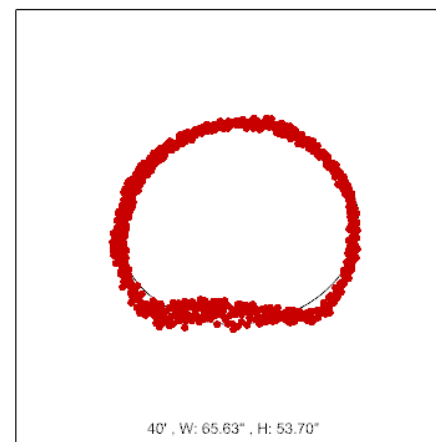
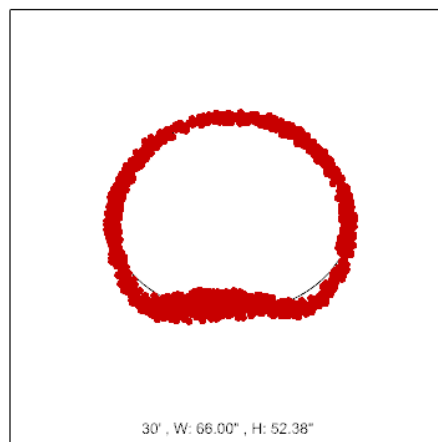
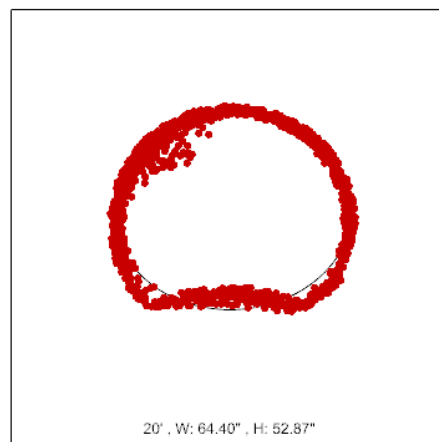
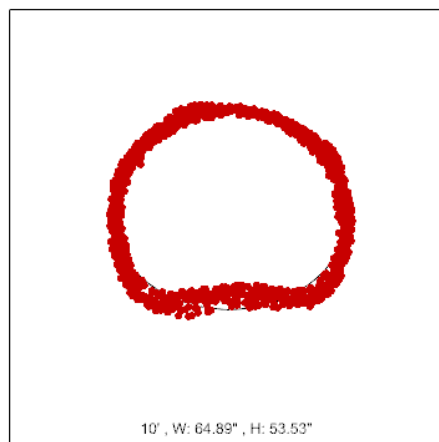
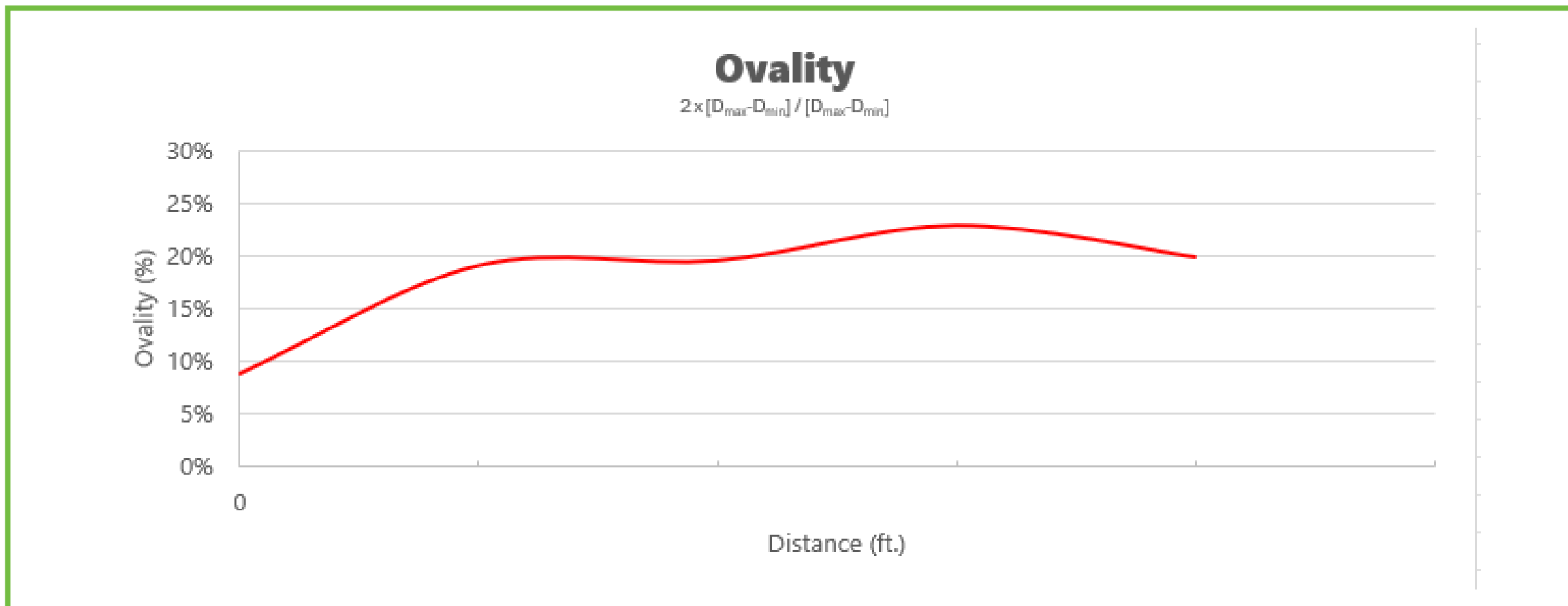




<b>Inspection</b>	Marion County, Ohio
<b>US Manhole</b>	12A
<b>DS Manhole</b>	12
<b>Inspected</b>	October 10, 2024
<b>Platform</b>	Aerial Drone
<b>Sensor</b>	3D Lidar
<b>Report Date</b>	October 29, 2024





# INSPECTION HEADER

**DATE:** 10/3/2024  
**PIPE SEG REF.** MH 12 - MH 11  
**UP MH:** MH 12  
**DOWN MH:** MH 11

## SUMMARY

<b>Inspection Date</b> 10/3/2024 12:00 AM	<b>Pipe Segment Reference</b> MH 12 - MH 11	<b>Surveyed By</b> SHAWN DUNNELL	<b>Certificate Number</b> U-915-70001437
<b>Project</b> 2420053PW	<b>Street</b> SILVER ST	<b>Upstream MH</b> MH 12	<b>Downstream MH</b> MH 11
<b>Direction</b> Upstream	<b>Pre-Cleaning</b> No Pre-Cleaning	<b>Total Length (ft)</b>	<b>Length Surveyed (ft)</b> 18.6

## ASSET

<b>Height (mm)</b> 72	<b>Shape</b> Circular	<b>Material</b> BR	<b>Pipe Use</b> Combined Pipe
--------------------------	--------------------------	-----------------------	----------------------------------

## PROJECT

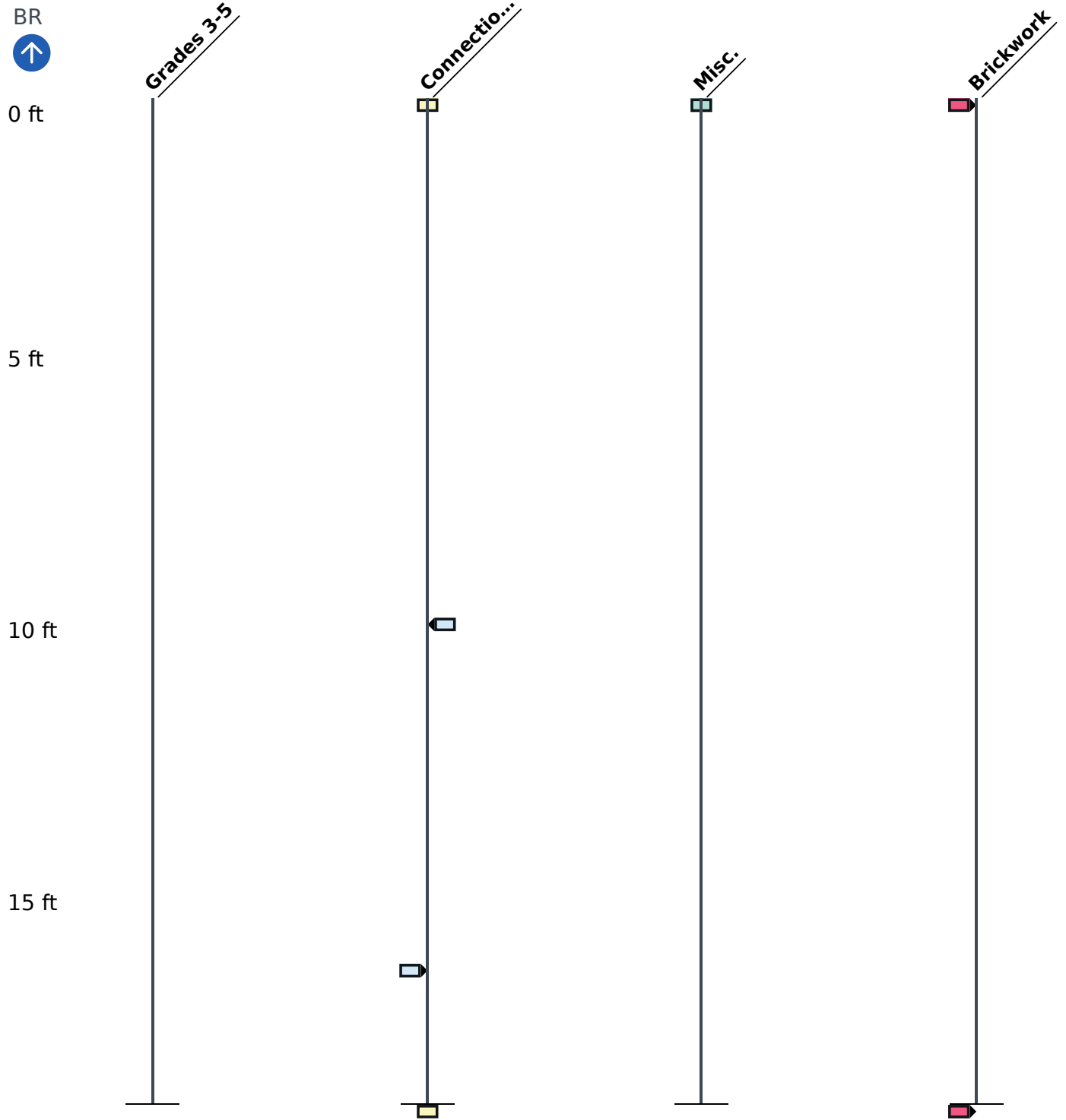
<b>Owner</b> CITY OF MARION	<b>Customer</b> CT CONSULTANTS
--------------------------------	-----------------------------------

## INSPECTION

<b>Inspection Time</b> 12:00 AM	<b>City</b> MARION	<b>Inspection Status</b> CI	<b>In Feet (Imperial)</b> Yes
------------------------------------	-----------------------	--------------------------------	----------------------------------

DATE: 10/3/2024  
PIPE SEG REF. MH 12 - MH 11  
UP MH: MH 12  
DOWN MH: MH 11

# SMART DIAGRAM



**DATE:** 10/3/2024  
**PIPE SEG REF.** MH 12 - MH 11  
**UP MH:** MH 12  
**DOWN MH:** MH 11

# OBSERVATIONS

Dist	Time	Description	Code	Clock	Dim. 1	Dim. 2	%	Remarks	Cont.	Grade
0	0:26	Manhole	AMH	-	-	-	-	MH 11	-	-
0	0:33	Miscellaneous Water Level	MW	-	-	-	-	-	-	-
0	0:34	Missing Mortar Small	MBM		-	-	-	-	S01	2
0	0:35	Miscellaneous General Observatio...	MOG	-	-	-	-	14.6 FT OFFS ET	-	-
9.6	0:54	Tap Break-in/Hammer	TB		6	-	-	-	-	-
15.8	1:43	Missing Mortar Small	MBM		-	-	-	-	F01	2
16	1:38	Tap Break-in Capped	TBC		12	-	-	-	-	-
18.6	1:55	Manhole	AMH	-	-	-	-	MH 12	-	-

DATE: 10/3/2024  
PIPE SEG REF. MH 12 - MH 11  
UP MH: MH 12  
DOWN MH: MH 11

# OBSERVATION SNAPSHOTS



AMH

0 ft



MWL

0 ft



MMS

0 ft

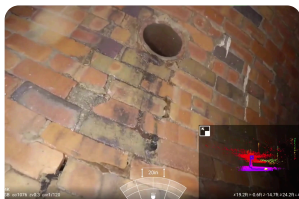
2

3 - 9:00



MGO

0 ft



TB

9.6 ft

10:00



MMS

15.8 ft

2

3 - 9:00



TBC

16 ft

2:00



AMH

18.6 ft

**DATE:** 10/3/2024  
**PIPE SEG REF.** MH 12 - MH 11  
**UP MH:** MH 12  
**DOWN MH:** MH 11

# RATINGS

<b>PIPE RATING INDEX</b>	<b>Overall</b> (2)	<b>Structural</b> (2)	<b>O&amp;M</b>
--------------------------	-----------------------	--------------------------	----------------

Sum of all graded conditions divided by the total number of conditions. 0-5 scale.

<b>PIPE RATING</b>	<b>Overall</b> 6	<b>Structural</b> 6	<b>O&amp;M</b> 0
--------------------	---------------------	------------------------	---------------------

Sum of all graded conditions.

<b>QUICK RATING</b>	<b>Overall</b> (23)(00)	<b>Structural</b> (23)(00)	<b>O&amp;M</b> (00)(00)	<b>Likelihood of Failure</b> 2.3
---------------------	----------------------------	-------------------------------	----------------------------	-------------------------------------

First digit is highest graded condition. Second digit is count of those conditions (A = 10-14, B = 15-19, etc.). Third digit is second-highest graded condition. Fourth digit is count of those conditions. LoF is Quick Rating divided by 10 (scale from 0-6).

<b>FREQUENCY OF CONDITION GRADES</b>	<b>Grade #</b>	<b>1</b> 0	<b>2</b> 2	<b>3</b> 0	<b>4</b> 0	<b>5</b> 0
--------------------------------------	----------------	---------------	---------------	---------------	---------------	---------------

Count of each condition grade in the inspection.