

10th Ave E Mill & Overlay - E Villard St to Museum Dr E

Sanitary Sewer Manhole Condition Evaluation

City of Dickinson, ND

Prepared By: Moore Engineering, Inc.



Location	Pt #	Image #s	# of Rings	In. of Adjustment	# of Pipes	Coating	Manhole Condition Comments
Between Villard St & 1st St	58910	616-618	6	12	2	Mortar & Epoxy	Appears MH was previously coated with mortar & epoxy. Coating completely missing and mortar severely deteriorated.
1st St E & 10th Ave E	86940	619-621	4	8	4	Mortar & Epoxy	Appears MH was previously coated with mortar & epoxy. Coating completely missing and mortar severely deteriorated.
2nd St E & 10th Ave E	86923	622-624	2	4	4	Epoxy	Coating bubbling.
3rd St E & 10th Ave E	86893	625-627	4	8	4	Coal Tar	Walls severely deteriorated.
Between 3rd St & Buffalo Bend	86884	628-630	6	12	2	Epoxy	Coating bubbling and cracking especially in bottom 4', portions of coating completely missing.
Buffalo Bend & 10th Ave E - south	86873	631-633	6	12	3	Coal Tar	MH installed in ~2015. Coal tar beginning to bubble, portion of wall beginning to deteriorate.
Buffalo Bend & 10th Ave E - north	86871	634-636	6	12	2	Epoxy	Coating bubbling and cracking especially in bottom 4'.
Buffalo Bend	86870	637-639	4	8	2	Coal Tar	MH walls in fair condition, beginning to bubble.
7th St E & 10th Ave E	86863	640-642	5	10	3	Epoxy	Coating bubbling and cracking.
Between 7th St & 8th St	86869	643-645	2	4	4	Epoxy	Coating bubbling and cracking, especially in bottom 8', portions of coating completely missing.
8th St E & 10th Ave E	86833	646-648	6	12	2	Epoxy	Coating bubbling and cracking, especially in bottom 4'.
9th St E & 10th Ave E	86800	649-651	4	8	3	Epoxy	Coating completely missing from bottom 6', wire mesh from MH structure exposed.
Franklin St & 10th Ave E	86793	653-655	6	12	2	Epoxy	Coating bubbling and cracking.
Between Franklin St & 10th St	88738	656-658	4	8	2	Epoxy	Coating bubbling and cracking, especially in bottom 4', portions of coating completely missing
10th St E & 10th Ave E	86781	659-661	2	4	3	Epoxy	Coating bubbling and cracking.
Between 10th St & Museum Dr	86785	662-664	2	4	2	Epoxy	Coating bubbling and cracking especially in bottom 4', portions of coating completely missing.
Museum Dr & 10th Ave E	86775	665-667	6	12	4	Liner	Liner functioning well except for at pipe penetrations where structure severely deteriorating around liner hole.
8th St E	86832	668-670	13	26	3	Coal Tar	Good condition. No deterioration.
7th St E	86862	671-673	3	6	2	Coal Tar	Good condition. No deterioration.
9th St E	86795	674-676	2	4	3	Coal Tar	Good condition. No deterioration.
Franklin St	86788	677-679	14	28	2	Coal Tar	Good condition. No deterioration. Sewage backup at time of photo.





Image 627



Image 630







Image 645



Image 651



Image 658



Image 667

