Inspector Quantlist Report 20250204

Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division V: Drainage Facilities
Title: Reinforced Concrete Pipe

Location:	Plan Reference Number:
Begin Station:	End Station:
Offset:	Diameter:
Trench / Non-Trench:	

Attribute Numbers	Yes, No N/A	Narratives	References
0.		Have all stakeholders participated in the pre-activity meeting?	Construction Manual 108.04
1.		Have Certificates of Compliance been furnished in accordance with the requirements of Subsection 106.05?	2021 Standard Specifications 106.05 (B) pg. 90 1010-1 pg 1208
2.		Is there an approved Trenching Plan for excavations of 5 feet or greater and has the contractor submitted the name of the "Competent Person" (Safety Supervisor)?	2021 Standard Specifications 107.08 (B) pg. 100 501-1 pg. 518
3.		All trenching conforms to the approved trenching plan for excavations 5 feet deep or greater?	2021 Standard Specifications 501-1 pg. 518
4.		Has the contractor's competent Person (Safety Supervisor) inspected trenches and surrounding areas to identify existing and predictable hazards?	2021 Standard Specifications 107.08 (B) pg. 100
5.		Open excavations 4 feet or deeper, with slopes steeper than 1:2 left unattended are protected with 72-inch temporary chain link fencing, or approved equal that is satisfactory to the Engineer and are they secured after normal working hours?	2021 Standard Specifications 107.08 (A) pg. 99
6.		Is the pipe legibly marked by indenting or water proof paint with the pipe class, date of manufacture, name of manufacture, plant identification pipe D-load?	2021 Standard Specifications 1010-6 pg. 1216 AASHTO M 242M/M 242-10

7.		Is the pipe is free of cracks that have a surface width of 0.01 inch or greater with a length of 12 inches or more, and cracks that extend through the pipe wall?	2021 Standard Specifications 1010-6 pg. 1216 AASHTO M 170-20 15.1.1
8.		Is the pipe smooth without honeycombing or open texture?	2021 Standard Specifications 1010-6 pg. 1216 AASHTO M 170 15.1.2
9.		For 12 inch diameter pipe: Does the internal pipe diameter not vary more than +- 2 percent of the design diameter?	2021 Standard Specifications 1010-6 pg. 1216 AASHTO M 170 12.1
10.		For pipe between 12 inches and 24 inches: Does the internal pipe diameter not vary more than +-1.5 percent and 2 percent of the design diameter?	2021 Standard Specifications 1010-6 pg. 1216 AASHTO M 170 12.1
11.		For 24 inch diameter pipe: Does the internal pipe diameter not vary more than +-1.5 percent of the design diameter?	2021 Standard Specifications 1010-6 pg. 1216 AASHTO M 170 12.1
12.		For 27 inch diameter pipe and greater: Does the internal pipe diameter not vary more than 1 percent or 3/8 inch, whichever is greater?	2021 Standard Specifications 1010-6 pg. 1216 AASHTO M 170 12.1
13.		Is rock, hardpan, or unyielding materials on the bottom of the trench removed at least 12 inches and replaced with compacted structural backfill in 6 inch lifts?	2021 Standard Specifications 501-3.01 pg. 519
14.		Was the foundation prepared in accordance with specifications when soft, spongy or unstable soil conditions exist?	2021 Standard Specifications 501-3.01 pg. 519
15.		Does bedding material meet gradation, and the plasticity index (PI) does not exceed 8, and resistivity exceeds 2,000 ohm-centimeters (unless otherwise specified)?	2021 Standard Specifications 501-3.02 (A)(1) pg. 520
16.		Bedding material for all concrete pipes has a pH between 6.0 and 12.0?	2021 Standard Specifications 501-3.02 (A)(1) pg. 520
17.		Non-trench installation: Embankment was built up and compacted simultaneously with the bedding and backfill; or the embankment was constructed, and then trenched normally?	2021 Standard Specifications 501-3.01 pg. 519 Construction Standard Drawings C13.15 note 5
18.		Has all the trash, forms, sheeting, bracing, loose rock and loose earth been removed from the areas to be backfilled before backfill material is placed?	Standard Specifications 501-3.02 (B)(1) pg. 521
19.		Has the pipe been placed in conformance with lines, grades, and dimensions shown on the plans?	Standard Specifications 501-3.03 (A) pg. 523

20.		Are the pipe sections jointed in that the inner surfaces are reasonably flush and even and the ends are centered as required?	Standard Specifications 501-3.03 (D) pg. 527
21.		If O-Ring gaskets are used, are they installed in accordance with the manufacturer's recommendations?	Standard Specifications 501-3.03 (E) pg. 528
22.		Was standard aggregate bedding material placed in uniform horizontal layers not exceeding 8 inches in depth before compaction?	2021 Standard Specifications 501-3.02 (B)(2) pg. 521
23.		Was bedding material placed in uniform horizontal layers not exceeding 4 feet in depth?(When aggregate slurry or jetting is allowed)	2021 Standard Specifications 501-3.02 (B)(2) pg. 521
24.		Has care been taken in placing, shaping and compacting all bedding material under haunches of pipe to prevent moving the pipe or raising it from its bedding?	Standard Specifications 501-3.02 (C)(2) pg. 522
25.		Backfilling was done above the cement-treated slurry after 24 hours of the cement-treated slurry placed.	2021 Standard Specifications 501-3.02 (B)(3) pg. 521
26.		When jetting is permitted, the water pressure is a minimum of 30 PSI,there is no ponding ,The probe is inserted at uniformly spaced intervals on both sides of the pipe not exceeding three feet spacing?	2021 Standard Specifications 501-3.02 (C)(2) pg. 523
27.		Was a minimum of 95 percent compaction obtained in backfill material?	2021 Standard Specifications 501-3.02 (C)(2) pg. 523
28.		Was the interior of the pipe free of dirt and debris at Final Acceptance?	2021 Standard Specifications 501-3.03 (A) pg. 523
29.		Quantlist Minimum Frequency is being followed, one per week.	Construction Bulletin 07-01