Compaction tests (moisture and density) shall be taken per Standard Specifications.	Compaction testing – to be taken a <u>minimum</u> of every 200' horizontally and 3' vertically. NOTE: If material changes in the field, contact testing agency to provide new proctor test for material	(A)	10	
	li material changes in the field, contact testing agency to provide new proctor test to material being used.	(yes) no / N/A	14	
Undercut or scarify roadway embankment per Geotechnical Report recommendations.	Discuss the proposed means and methods with City Observer prior to construction. City Observer shall verify.	yes / no / N/A	4	
Final sub-grade compaction	Call City Observer to schedule. Observer shall verify sub-grade through proof rolling or other means.	yes / no / N/A		
Base course shall be placed in maximum of 4" lifts	Perform minimum of one compaction test per 4" lift, or as directed	yes / no N/A		
SCHEDULE A PRE-PAVING MEETING PRIOR TO PLACING ANY ASPHALT OR PORTLAND CEMENT CONCRETE		yes / no / N/A		
r sidewalk and curb and gutter, a minimum of one test shall be performed per each day of pouring, or as directed.	Testing shall include slump, air content, 7 day strength (minimum 1 cylinder), 28 day strength (minimum 2 cylinders). Provide results to City Observer prior to project acceptance.	yes / no N/A		
concrete pavement, a minimum of one test shall be performed per 250 LF of pavement or as directed.	Testing shall include slump, air content, 7 day strength (minimum 1 cylinder), 28 day strength (minimum 2 cylinders). Provide results to City Observer prior to project acceptance.	yes / no (N/A)		
Mix design	Submit a mix design from the batch plant with a standard density (Marshall)			
Compaction testing	Perform minimum of one (1) non destructive (nuclear gauge) test per 200 tons of asphalt or as directed.	yes / no / X/A		
High end and low end chlorine - wait at least 24 hrs but no more than 48 hours to flush the line after the high end chlorine concentration is confirmed. The high end concentration is 25 ppm min. After flushing the concentration shall be no higher than the prevailing system concentration or 1ppm. Pressure testing (mains and large diameter private lines)- test line at 150% of the normal working pressure or the maximum pressure for the class of pipe for a minimum of 2 hours. Coliform bacteria test (2 tests) - performed after flushing and at least 24 hours apart Cathodic test station base reading Inspection of valves	Call City Observer to observe and confirm chlorine concentration. Discuss the method and location of flushing. City Observer shall confirm the low end chlorine concentration.	(yes) no / N/A		
	Call City Observer to verify beginning pressure and start time of the test. The City Observer shall witness the pressure per Standard Specifications.			
	Provide test results to City Observer prior to project completion		1 1	
	Call City Observer to schedule			
	Call City Observer to schedule			
Test tracer wire	Call City Observer to schedule		+	<u> </u>
Exfiltration water or ow pressure air test - per specifications	City Observer shall witness		 	
Manhole water or air vacuum test - performed per specs and prior to placing casting	City Observer shall witness	yes no / N/A		
Pipe deflection testing - 30 days after installation TV or Camera pipe, performed by City Utility Maintenance Division	Mandrel test shall be performed, City Observer shall witness	(yes) no / N/A		
	Call City Observer to schedule	(yes) no / N/A	 	
TV or Camera pipe, performed by City Utility Maintenance Division	Call City Observer to schedule	(yes) no / N/A	1/	
ubmit information for all materials including but not limited to: aggregate materials, pipe, fittings, appurtenances, etc.; manholes and barrels; signs and posts, erosion and sediment control items.	Submit all materials to the Engineer of Record. The engineer of record shall submit the materials to the City after they have approved them.	(yes)/ no / N/A	X	
th his firm the history of the histo	Base course shall be placed in maximum of 4* lifts SCHEDULE A PRE-PAVING MEETING PRIOR TO PLACING ANY ASPHALT sidewalk and curb and gutter, a minimum of one test shall be performed per each day of pouring, or as directed. Oncrete pavement, a minimum of one test shall be performed per 250 LF of pavement or as directed. Mix design Compaction testing Lend and low end chlorine - wait at least 24 hrs but no more than 48 hours to flush the line after the ligh end chlorine concentration is confirmed. The high end concentration is 25 ppm min. After flushing the concentration shall be no higher than the prevailing system concentration or 1ppm. ressure testing (mains and large diameter private lines)- test line at 150% of the normal working pressure or the maximum pressure for the class of pipe for a minimum of 2 hours. Coliform bacteria test (2 tests) - performed after flushing and at least 24 hours apart Cathodic test station base reading Inspection of valves Test tracer wire Exfiltration water or ow pressure air test - per specifications Manhole water or air vacuum test - performed per specs and prior to placing casting Pipe deflection testing - 30 days after installation TV or Camera pipe, performed by City Utility Maintenance Division TV or Camera pipe, performed by City Utility Maintenance Division TV or Camera pipe, performed by City Utility Maintenance Division TV or Camera pipe, performed by City Utility Maintenance Division TV or Camera pipe, performed by City Utility Maintenance Division TV or Camera pipe, performed by City Utility Maintenance Division	Buse course shall be placed in maximum of 4° lifts Perform minimum of one compaction test per 4° lift, or as directed SCHEDULE A PRE-PAVING MEETING PRIOR TO PLACING ANY ASPHALT OR PORTLAND CEMENT CONCRETE sidewalk and curb and gutter, a minimum of one test shall be performed per each day of pouring, or as directed. Testing shall include shamp, air content, 7 day strength (minimum 1 cytinder), 28 day strength (minimum 2 cytinders). Provide results to City Observer prior to project acceptance. Mix design Compaction testing and allow end chlorine - want of lesss 26 hrs but no more than 48 hours to flush the line after the juble and concentration shall be no line light end to the prevailing system concentration or layer. Colliform basteria test (2 teste) - performed after flushing and at least 24 hours apart Call City Observer to wiffy beginning pressure and start time of the test. The City Observer shall witness Mandele water or air vocuum test - performed after intending and at least 24 hours apart Test traces wire Call City Observer to schedule Extilitation water or ow pressure air test - per specifications Ty or Camera pipe, performed by City Utility Maintenance Division Ty or Camera pipe, performed by City Utility Maintenance Division Ty or Camera pipe, performed by City Utility Maintenance Division To the Carl City Observer to schedule Test traces were intended by City Utility Maintenance Division Ty or Camera pipe, performed by City Utility Maintenance Division Ty or Camera pipe, performed by City Utility Maintenance Division To the City of the corner of them. The control of all materials including but not limited to aggregate materials, pipe, fittings, performenance, exist and to be call city observer to achedule Test traces were controlled the school beautiful performed per specs and point to placing casting Call City Observer to achedule Call City Observe	Find sub-grade conspection Base course shall be placed in maximum of 4" lifts Perform minimum of one compution test per 4" lift, or as directed yes / 100 (MA) SCHEDULE A PRE-PAVING MEETING PRIOR TO PLACING ANY ASPHALT OR PORTLAND CEMENT CONCRETE sidewalk and our used gatter, a minimum of one test shall be performed per each day of pouring, or as directed. Testing deall includes dating, air content, 7 day strength (minimum 1 eylinder), 28 day strength (minimum 2 eylinder). Provide results to City Observer prior to project scoopstance. Mix design Mix design Any Companion testing Perform minimum of one test shall be performed per 250 LF of provement or as directed. 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