

## **SECTION 8** **INSPECTION, ACCEPTANCE AND GUARANTEE**

### **8.1 INSPECTION**

1. Inspections during the construction of all public improvements will be performed by the Town Inspector.
2. The construction of the public improvements will generally follow consistent construction sequence or phasing. Each sequence or phase involved in the construction of the public improvements must be inspected, tested, and approved before proceeding to the next phase. Each phase may also require several inspections. The frequency and timing of inspections during each phase will be established by the Town Inspector after conferring with the contractor.
3. The construction of each public improvement shall generally be phased as follows:

#### **CURB, GUTTER AND SIDEWALKS**

- A. Preparation and compaction of subgrade.
- B. Placing and compaction of aggregate base course.
- C. Placing of concrete.
- D. Final inspection and acceptance.

#### **STREETS**

- A. Preparation and compaction of subgrade.
- B. Placing and compaction of aggregate base course.
- C. Placing asphalt prime coat when required.
- D. Placing and compaction of bituminous service course.
- E. Placing seal coat when required.
- F. Final inspection and acceptance.

#### **SIGNS**

- A. Final inspection and acceptance.

#### **WATER, SEWER, AND STORM DRAIN SYSTEMS**

- A. Trench, manhole and structure excavation.
- B. Installation of pipe, fittings, valves, thrust blocks, catch basins and all structures..
- C. Backfill and compaction of trenches and around all structures.
- D. Pressure testing of all water lines. All other testing of pipeline installation as required.
- E. Final inspection and acceptance.

#### **UNDERGROUND ELECTRIC DISTRIBUTION SYSTEMS**

- A. Excavation for conduit or conductor installation, junction box or any other electrical structure.

- B. Installation of conduit or conductor, junction box, or any other electrical structure.
- C. Backfill and compaction of all trenches and structures.
- D. Testing of all required elements of the installation.
- E. Final inspection and acceptance.

4. It will be the responsibility of the contractor to call inspections a minimum of 24 hours in advance of the inspection. Work done without proper inspection will be subject to rejection. All work found by inspection or testing to not meet the minimum requirement of this Public Improvement Manual shall be subject to removal and replacement.

## **8.2 ACCEPTANCE**

The developer or contractor shall notify the Town Administrator when all public improvements have been completed and are ready for final inspection and acceptance. The Town Administrator will provide the final inspection and notification of acceptance of the public improvements. The date of acceptance will be the date of the acceptance letter to the developer. Items not meeting the standards outlined in this manual will not be accepted by the Town until all corrections have been made by the developer.

## **8.3 GUARANTEE**

All public works improvements shall be guaranteed by the developer or contractor for a period of one year after acceptance of the completed work by the Town Administrator. The form of the guarantee shall be bond, letter of credit, or some other form of written guarantee acceptable to the Town of Lyons.