Project Number:_____Project Location:_____

Date:_____

LFOT - DETECTOR WAVETRONIX Smart Sensor HD

Physical and Electrical Inspection Completed? Inspector Name:	Yes / No	Date:
Integrator Name:		
Integrator Phone and e-mail:		
Contractor Name:		
Contractor Phone and e-mail:		
Notes:		

Objective: To verify and demonstrate the functionality for detector locations. Note that this test is applicable to Wavetronix Smart Sensor HD units.

Prerequisites: Detector and cabinet installation are complete. Lane must be open to traffic. ITS Inspector must be present during testing. Contractor must supply bucket truck.

Test Equipment:
1. Laptop

Procedure:
1. Make sure Alignment is accurate.   _____
2. Make sure that the settings are correct.

   a. Date & Time: _____
   b. Set Location   _____
   c. Loop Spacing: 6' and 20':   _____
   d. Time interval to 20 Sec: _____
   e. Verify Length/Speed bins on page #2:   _____
   f. Correct Lane count: _____
   g. Firmware to the Newest 4.1   _____
   h. Verify Speeds (use Judgement)   _____

3. Watch for missing speed data on the computer.
4. Count for 20 vehicles in each lane, if < 2 vehicles per 20 have missing speeds the lane passes.
5. Repeat for each lane.

Pass / Fail
Explain_____
_____
_____

Test Completed by: **Date:**   **UDOT Representative Witness:**

_____   _____   _____
Signature   Signature

_____   _____
Print Name   Print Name

_____   _____
Print Employer Name   Print Employer Name

Project Number:_____Project Location:_____
Date:_____

1. Length Bins
   a. 1: 0-8
   b. 2: 8-20
   c. 3: 20-30
   d. 4: 30-50
   e. 5: 50-79
   f. 6: 79+
2. Speed Bins
   a. 1: 0-20
   b. 2: 20-25
   c. 3: 25-30
   d. 4: 30-35
   e. 5: 35-40
   f. 6: 40-45
   g. 7: 45-50
   h. 8: 50-55
   i. 9: 55-60
   j. 10: 60-65
   k. 11: 65-70
   l. 12: 70-75
   m. 13: 75-80
   n. 14: 80-85
   o. 15:85+