



**LEGEND:**

- L - INDUCTIVE LOOP
- S - BP SCALE
- T - TEMPERATURE SENSOR
- ILL - ILLUMINATOR
- P - PIEZO SENSOR
- OVC - OVERVIEW CAMERA (SEE C11668010 FOR DETAILS)
- LPR - LICENCE PLATE RECOGNITION CAMERA (SEE C11668010 FOR DETAILS)
- USDOT - USDOT NUMBER RECOGNITION CAMERA (SEE C11668009 FOR DETAILS)
- OH - LASER SCANNER ALSO USED FOR OVERHEIGHT DETECTION (SEE C11668009 FOR DETAILS)

**NOTES:**

- A CABINET WITH WIM ELECTRONICS.
- B CABINET BASE.
- C PAVEMENT ON EITHER SIDE OF EACH SCALE MUST BE FREE OF JOINTS AND CRACKS FOR 2' [0.61m].
- D SITE CONDITIONS AS PER ASTM E1318.
- E 200 [60.96] MAXIMUM LEAD LENGTH OF SENSOR TO ELECTRONICS. LONGER DISTANCES MUST BE APPROVED BY IRD.
- F PULLBOX

**GENERAL NOTES:**

TYPICAL LAYOUT IS SHOWN. OTHER SENSORS MAY BE REQUIRED AND ARE SHOWN IN PROJECT DOCUMENTATION.

SENSOR SPACING SHOWN IS TYPICAL SPACING REQUIREMENT, ACTUAL SENSOR SPACING MAY BE ALTERED TO SUIT SITE CONDITIONS BY THE IRD FIELD REPRESENTATIVE.

ALL CONNECTIONS BETWEEN SENSORS AND LEAD CABLES ARE DONE IN PULL BOX AND ARE SOLDERED THEN SEALED FOR WATERPROOFING. NUMBER AND PLACEMENT OF PULL BOXES NOT SHOWN.

ROAD SURFACE PAVEMENT CONDITIONS MUST MEET CURRENT ASTM E1318 REQUIREMENTS TO ACHIEVE OPTIMAL SYSTEM PERFORMANCE.

JOINTS, SAWCUTS AND SENSORS MUST BE SEPARATED FROM EACH OTHER BY A MINIMUM OF 2' [0.61m].

CABLES MUST BE PROTECTED BY PVC SLEEVES WHERE THEY CROSS PAVEMENT JOINTS/CRACKS.

ADDITIONAL DRAINAGE MAY BE REQUIRED DEPENDING ON SLOPE OF ROADWAY.

EXACT ROUTING OF CONDUIT TO BE DETERMINED ON SITE.

DRAWING NOT TO SCALE.

**ORIGINAL**

REV.	DESCRIPTION	DWN/DSN	APPR.	APPR.	DATE
A	PREVIOUSLY PRE-RELEASED AS REV 3, ECO-7859	LPe/PFe	BKI	LEI	JUNE 2/15
B	CHANGES AS PER ECO-9015	LPe/BKI			JAN 8/15

**CONFIDENTIAL**

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**INTERNATIONAL ROAD DYNAMICS INC.**  
SASKATOON SASKATCHEWAN CANADA

DWG. TITLE:  
**3 LANE MAINLINE WIM/CAMERA LAYOUT  
ITS TYPICAL DETAILS  
GEORGIA STATEWIDE WEIGH IN MOTION**

NOT TO SCALE

SIZE: B

DIMENSIONS IN: FEET[m]

DWG. No. **C11668004**

CAD FILE: C11668004.DWG

REV.: B

SHEET 1 OF 2



**GEORGIA**  
DEPARTMENT  
OF  
TRANSPORTATION

RELEASED FOR  
CONSTRUCTION  
2-19-2016

REVISION DATES	

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION

OFFICE: INNOVATIVE PROGRAM DELIVERY

**CONSTRUCTION DETAILS**  
WEIGH IN MOTION- PHASE C

DRAWING No.  
**40-005**