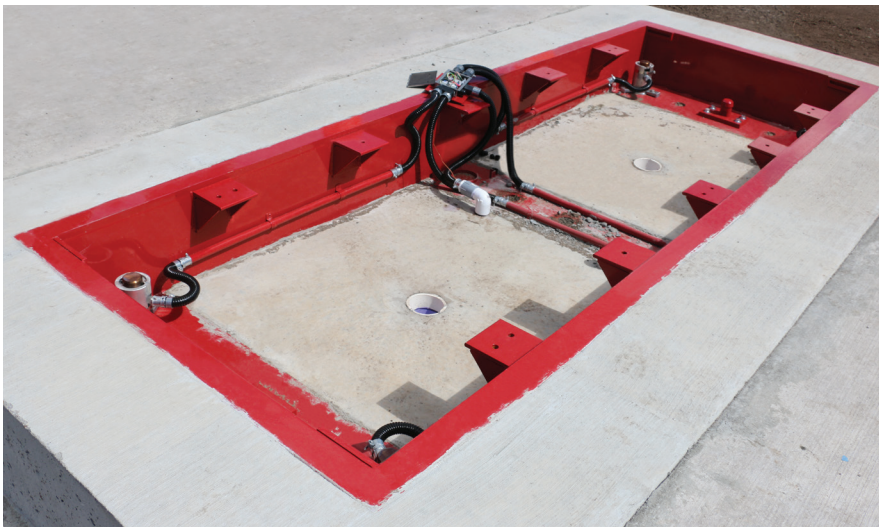


# IM-Axle

In-motion Axle Scale



## Standard Features

- Weigh vehicles in motion up to 4 mph
- Complete system composed of a weighbridge, 1280 Enterprise weight indicator with in-motion software, speed sensor and LaserLight2™ remote display
- Software records axle weights and gross weight per truck ID
- Concrete deck
- 11.2 in profile, pit mounted

## Specifications

**Size:**

120 × 30 × 11.25 in

**Estimated Weight:**

2,850 lb (without concrete deck)

**Load Cells:**

Flintec RC3 Stainless Steel, Rocker Column, 22.5 t load rating

**Accuracy:**

< 1% error at 4 mph

**Full Scale Capacity:**

70,000 lb

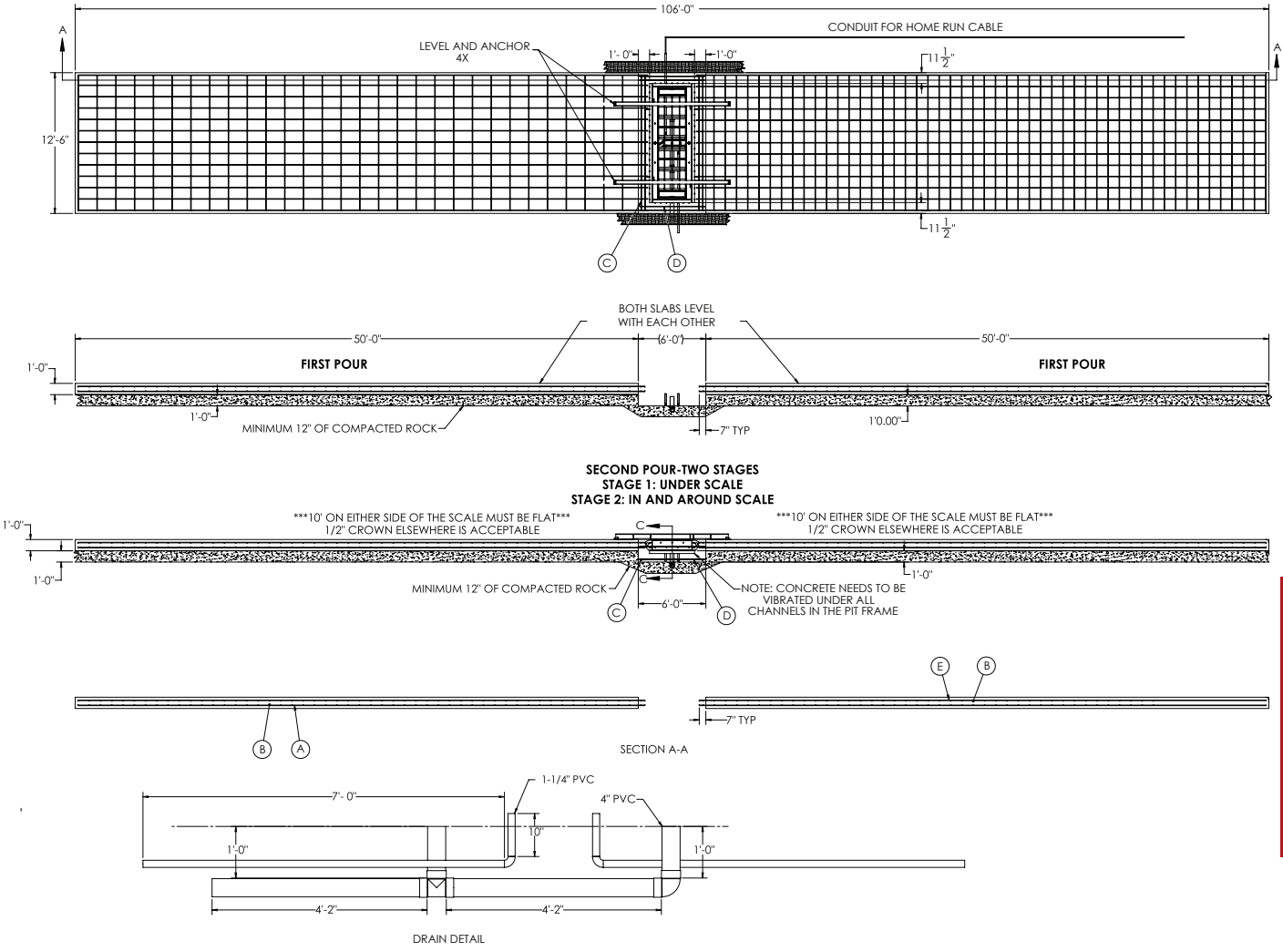
**Warranty:**

2 years

AXLE SCALES

## Part Number/Price

Part #	Description	Est. Weight	Price
209396	1280 Enterprise Indicator, universal enclosure with in-motion software	11 lb	Consult
201182	In-motion axle scale weighbridge	2,850 lb	Consult
201449	Pit frame support beam (2 required)	105 lb	Consult
207129	Speed sensor	12 lb	Consult
179525	LaserLight2 remote display	20 lb	Consult



**AXLE SCALES**

Material Requirements*				
Rebar Schedule				
Letter	Quantity	Length (ft-in)	Description	Weight (lb)
A	26	50 ft 4 in	#5 @ 12 O.C.	1,365
B	200	12 ft 0 in	#5 @ 12 O.C.	2,503
C	12	12 ft 0 in	#5 @ 4 O.C.	150
D	12	5 ft 8 in	#5 @ 4 O.C.	71
E	26	50 ft 4 in	#5 as shown.	1,365
<b>Total Weight of Rebar (lb)</b>				5,454
<b>Total Length of Rebar (ft)</b>				5,229
Concrete Schedule				
				Volume (cubic yards)
<b>Approaches</b>				46.3
<b>Scale Cavity (approx.)</b>				4.8
<b>Total</b>				51.0
Misc. Steel				
Approach Coping	3 in x 3 in x 1/4 in	26 ln ft		127 lb

\*Based on 50 ft approach on each side.  
Approaches are adjusted based on the longest truck that will cross the scale.