



Purchase of Onboard Scale System

ONBOARD TRUCK MOUNTED SCALE SYSTEM BUDGET
INITIATIVE



Council Presentation
March 8, 2022



BACKGROUND



Onboard scale systems would be installed on large tractor-trailer rigs that haul waste to the landfill

- **Ease of use and benefit**
 - Driver and loader operator see the weight of the loaded trailer
 - Increase safety and eliminates variability in load weights
 - Reduces premature equipment failures
- **Scale System Components**
 - Digital display in cab, as well as blue-tooth display on tipping floor
 - Load cells (weight sensing devices) on trailer body – rear of trailer
 - Load cells on 5th wheel connection – front of trailer
 - Transferable to future replacement units



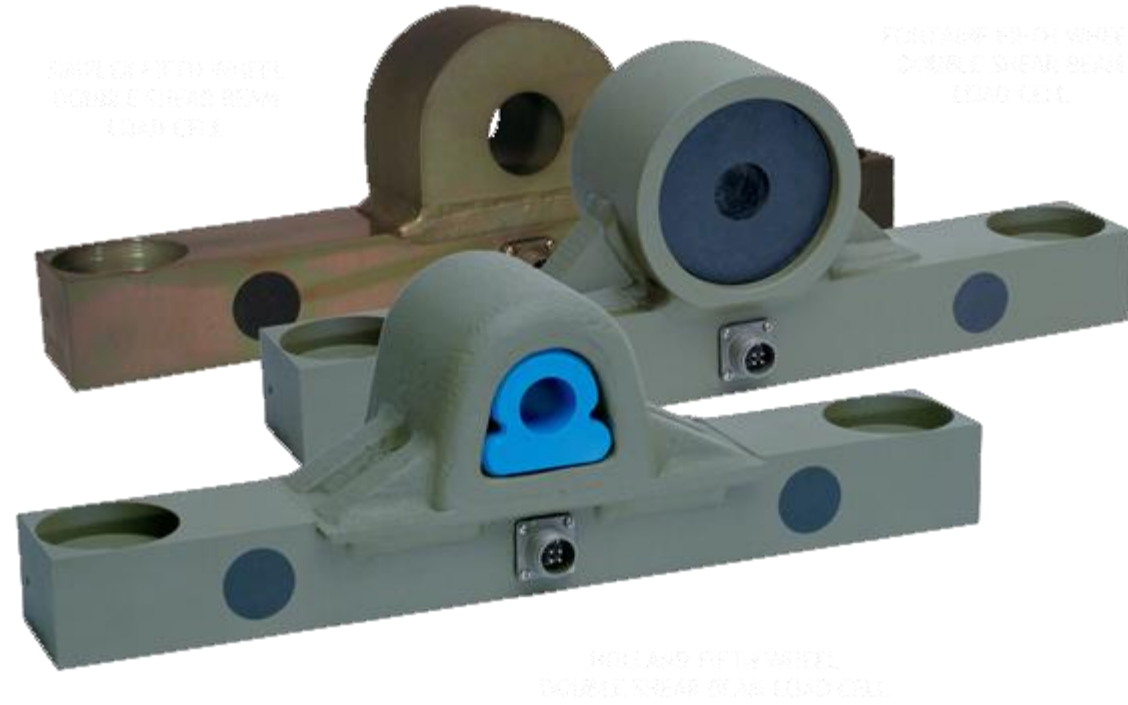
Digital Display



VV
WILSON



Trailer Body Sensors



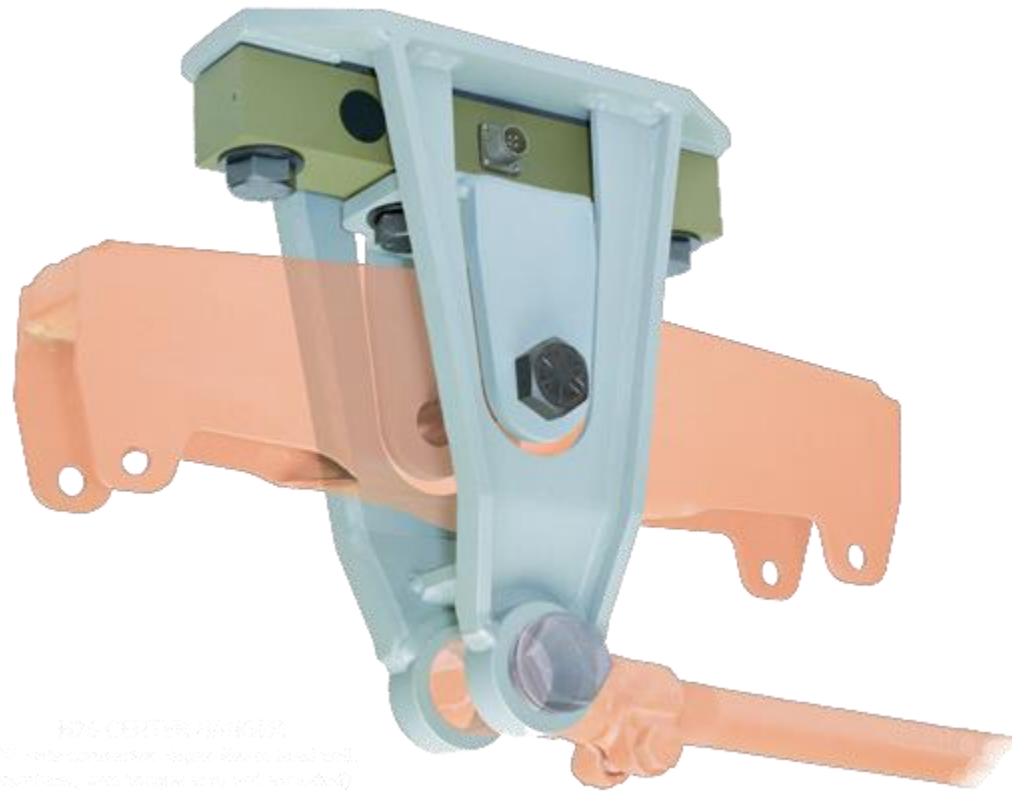
SAMPLE FIFTH WHEEL
DOUBLE SHEAR BEAM
LOAD CELL

FORTABLE FIFTH WHEEL
DOUBLE SHEAR BEAM
LOAD CELL

HOLLAND FIFTH WHEEL
DOUBLE SHEAR BEAM LOAD CELL



5th Wheel Connection Sensors



NO. CENTER HANGER
(All other connections super frame used and
mounting, and 15000 lbs. and 10000 lbs.)



Solid Waste Services



Questions?
