

## GPS Rover Data Daily Requirements

- **00745.49-a-3-a:** Boundaries of daily production and exclusions
  - Start and Stop locations of continuous paving operations
    - 4 locations per continuous panel
    - Reporting format
      - Excel or .csv
      - Point Code (description) = Boundary

Description	Easting	Northing
Boundary	599078.6875	106230.7813
Boundary	599090.2500	106230.1563
Boundary	599670.5625	100388.3516
Boundary	599682.8125	100388.4219

- Pavement Edge Locations
  - Location at longitudinal joint on skip stipe or centerline location
  - Measured at each density test location
  - Reporting format
    - Excel or .csv
    - Point Code (description) = Edge

Description	Easting	Northing
Edge	599078.6875	106230.7813
Edge	599090.2550	106230.1563
Edge	599670.5625	100388.3516
Edge	599682.8125	100388.4219

- **00745.49-a-3-a:** Density test locations
  - QC Density Tests
  - QA Density Tests
  - Reporting format
    - Excel or .csv
    - Point Codes (descriptions) = DensityQC or DensityQA
    - ID matches test number from density report

Description	ID	Northing	Easting	Test Type	Value
DensityQC	1-1-1	4479954.904	499203.8	Density	93.4
DensityQC	1-1-2	4479956.562	499204.3	Density	94.2
DensityQC	1-1-3	4479958.391	499204.4	Density	92.1
DensityQC	1-1-4	4479864.112	499535.0	Density	93.7

**NOTE:** Heading and test type must match exactly to import into Veta.

## Intelligent Compaction Thermal Imaging Data Requirements

- **00745.23-e:** End of shift data transfer
  - Access to cloud storage
  - Portable storage device
- **00745.23-e:** Daily report created by vendor software delivered before beginning of next paving shift
  - **00745.48-d**
  - 150 ft. subplot length
  - Maximum baseline temperature
  - Thermal segregation location and temperatures
    - 25 °F below maximum baseline temperature
  - Paver stop location, duration and subsequent material temperature
- Project Manager and Contractor can negotiate alternative reporting schedule after comfort level has been achieved.

## Intelligent Compaction Roller Data Requirements

- **00745.24-e-4:** End of shift data transfer
  - **00745.24-e-5:** Access to cloud storage
  - Portable storage device
- **00745.49-a-4:** Daily report created by Veta or vendor software delivered before beginning of next paving shift for each equipped roller
  - Pass count target %, actual %, pass/fail
    - Pass count target based on control strip unless otherwise informed of changes in rolling pattern by CDT
    - Data must be filtered by lane shape file to exclude data outside the travel lanes.
- **00745.49-a-3-c:** Weekly report for coverage area and uniformity for each equipped roller
  - Data must be filtered by lane shape file to exclude data outside the travel lanes.
  - Pass count summary, % of area per pass count #
  - Roller speed summary, % of area per mph
  - Vibratory frequency summary, % of area per vpm
  - Temperature summary, % of area per °F
- Project Manager and Contractor can negotiate alternative reporting schedule after comfort level has been achieved.