General Notes

1. All yellow paint for the Aircraft Safety Markings and J-1s shall contain red reflectives, unless noted otherwise.
2. The Safety Envelope (within Equipment Restrict Line) must be clear of obstructions, except for the following conditions and circumstances:
   - Trees, evergreen or deciduous, for obstructions to the viewable area for a tree or shrub plant.
   - Trees, evergreen or deciduous, for obstructions to the viewable area for a tree or shrub plant.

Painting Notes

1. POS Gate Markings should be placed in accordance with FAA Advisory Circular 150/5370-8, POS-2, and Reference shall be made to the POS Gate Striping Standards (see Appendix D). A total of 6 markings shall be taken over a 6 square foot area with 3 readings taken from each direction. The average shall be determined to or above the minimum value of all readings which are within 30% of each other.

2. Reflective Media, Reflective Glass Spheres (Beads) shall meet the requirements of Federal Specification TT-D-1225, Type II, Reflective Glass Spheres and be treated with aircraft cocking operators, other than the manufacturer of the paint.

3. Weather Conditions:
   - The visibility shall be placed on the ground surface, to be viewed by the pilot from the adjacent runway.
   - The visibility shall be placed on the ground surface, to be viewed by the pilot from the adjacent runway.

4. Equipment for the work shall be approved by the Port Representative.

5. Maintenance:
   - Paint shall not be applied to Portland Cement Concrete pavement.
   - The painting shall be done in accordance with the manufacturer's instructions and the reader to the appropriate application, the manufacturer's submission of clear, legible and unobstructed.
   - The painting shall be done in accordance with the manufacturer's instructions and the reader to the appropriate application, the manufacturer's submission of clear, legible and unobstructed.

6. Layout of Markings:
   - The markings shall be laid out in accordance with the manufacturer's instructions and the reader to the appropriate application, the manufacturer's submission of clear, legible and unobstructed.
   - The markings shall be laid out in accordance with the manufacturer's instructions and the reader to the appropriate application, the manufacturer's submission of clear, legible and unobstructed.

7. Application:
   - Reflective glass beads shall be distributed on the identified areas immediately after the application of the markings at an area density of 12 pounds per gallon of paint, minimum. A dispenser shall be furnished with the paint and a diaphragm shall be placed on the ends of the glass beads.
   - Reflective glass beads shall be applied to the identified areas immediately after the application of the markings at an area density of 12 pounds per gallon of paint, minimum. A dispenser shall be furnished with the paint and a diaphragm shall be placed on the ends of the glass beads.

8. For the final painting of new markings, once the surface has been prepared and prior to painting, the application of each new marking, all existing markings should be completely removed over using a black paint, and possibly be re-applied as required for each phase of work. No segments of the original markings shall be left exposed.

9. After the new permanent markings have been completed the painted over the Port Representative shall be completely removed over using a black paint, and possibly be re-applied as required for each phase of work. No segments of the original markings shall be left exposed.

10. POS Gate Striping Standards
Safety Markings Layout

Scale: Not to Scale

POS Gate Striping Standards

Note:
- Safety Markings and Lane Lines
  Landscape York from Baggage Area
  Actual Layout Shall Be Painted
  Per Approved Plans approved
  By Port Representative.

Equipment Roadside Lines:
- Parallel Red and White Lines:
  Dark 4" Center White With Red
  Line on Outside of Parking Area
  and White Line On Bases (Typ),
  Embedded With Reflective Glass
  Beads (Typ).
  (See Marking Enlargement)

A4

Marking Enlargement

Gate Identification Box

POS Gate Striping Standards

Note:
- Safety Markings and Lane Lines
  Landscape York from Baggage Area
  Actual Layout Shall Be Painted
  Per Approved Plans approved
  By Port Representative.

Equipment Roadside Lines:
- Parallel Red and White Lines:
  Dark 4" Center White With Red
  Line on Outside of Parking Area
  and White Line On Bases (Typ),
  Embedded With Reflective Glass
  Beads (Typ).
  (See Marking Enlargement)

A4

Marking Enlargement

Gate Identification Box

POS Gate Striping Standards

Note:
- Safety Markings and Lane Lines
  Landscape York from Baggage Area
  Actual Layout Shall Be Painted
  Per Approved Plans approved
  By Port Representative.

Equipment Roadside Lines:
- Parallel Red and White Lines:
  Dark 4" Center White With Red
  Line on Outside of Parking Area
  and White Line On Bases (Typ),
  Embedded With Reflective Glass
  Beads (Typ).
  (See Marking Enlargement)

A4

Marking Enlargement

Gate Identification Box

POS Gate Striping Standards

Note:
- Safety Markings and Lane Lines
  Landscape York from Baggage Area
  Actual Layout Shall Be Painted
  Per Approved Plans approved
  By Port Representative.

Equipment Roadside Lines:
- Parallel Red and White Lines:
  Dark 4" Center White With Red
  Line on Outside of Parking Area
  and White Line On Bases (Typ),
  Embedded With Reflective Glass
  Beads (Typ).
  (See Marking Enlargement)

A4

Marking Enlargement

Gate Identification Box
POS Gate Striping Standards
POS Gate Striping Standards

Loading Bridge Protection Zone

Note:
- Loading Bridge Protection Zone and
- Stop Box Layout Vertices from Gate
- to Gate, Actual Layout shall be
- Painted from Survey Points
- approved by Port Representatives.
- Loading Bridge Protection
- Zone 4 inch Red Lines Spaced 5.0"
- Apart (Typ),
- Embossed With Reflective Glass
- Beads (Typ).

Position:
- Loading Bridge Must Remain Clear
- Of Equipment Restraint Line When
- in Stowed Position

Scale: Not to Scale

Widebody Cargo / Hardstand Variant
Equipment Restraint Line Dimensional Criteria

Scale: Not to Scale

10'

20'

Centreline of
Equipment Restraint
Lines (Typ).

4

2

1

3

4
POS Gate Striping Standards

Equipment Restraint Lines
1. The Equipment Restraint Line Shall Terminate When It Comes into Contact With An Adjacent Gate Equipment Restraint Line, Creating A Composite Boundary.

2. When An Alternative Aircraft Position Is Utilized, An Equipment Restraint Line Shall Terminate When It Comes Into Contact With The Equipment Restraint Line For The Primary Aircraft Position. See 5.

3. The Alternative Equipment Restraint Line May Be Incorporated Into The Primary Equipment Restraint Line, See 5/2.

4. Composite Equipment Restraint Lines Vary from Gate to Gate, Actual Layout Shall be Finalized Upon Surveyed Plans Approved By Port Representative.


Safety Markings Layout (Partial Composite) 1 1

Safety Markings Layout (Full Composite) 2 2
POS Gate Striping Standards

### Nosewheel Stops / Aircraft Identification Markings
- **Scale:** Not to Scale
- **Markings:**
  - **Aircraft Identification Markings:**
    - 12 inch High Yellow Reflective Text
    - Embedded With Reflective Glass Beads (Typ.)
  - **Nosewheel Stop:**
    - 12 inch x 3.5 Red Yellow Line
    - Embedded With Reflective Glass Beads (Typ.)
  - **Delco Nosewheel Stop:**
    - 12 inch x 3 Red Blue Line
    - Embedded With Reflective Glass Beads (Typ.)

### Alternate Nosewheel Stops / Aircraft Identification Markings
- **Scale:** Not to Scale
- **Markings:**
  - **Aircraft Identification Markings:**
    - 12 inch High Yellow Reflective Text
    - Embedded With Reflective Glass Beads (Typ.)
  - **Nosewheel Stop:**
    - 12 inch x 3.5 Red Yellow Line
    - Embedded With Reflective Glass Beads (Typ.)
  - **Delco Nosewheel Stop:**
    - 12 inch x 3 Red Blue Line
    - Embedded With Reflective Glass Beads (Typ.)

### Gate Wingtip Projection Line
- **Scale:** Not to Scale
- **Markings:**
  - **Identification Box:**
    - Black Blue Line
    - Embroidered With Reflective Glass Beads
    - Text
    - 4 Foot High Black Text
    - Reflective Glass Beads Shall Not Be Applied to Black Text

### Gate Identification Box
- **Scale:** Not to Scale
- **Markings:**
  - **Identification Box:**
    - Black Blue Line
    - Embroidered With Reflective Glass Beads
    - Text
    - 4 Foot High Black Text
    - Reflective Glass Beads Shall Not Be Applied to Black Text

### Alternate Gate Identification Box
- **Scale:** Not to Scale
- **Markings:**
  - **Identification Box:**
    - Black Blue Line
    - Embroidered With Reflective Glass Beads
    - Text
    - 4 Foot High Black Text
    - Reflective Glass Beads Shall Not Be Applied to Black Text

### Note:
- For letters and numbers, all font shall match existing Port of Seattle font (Alpine), spacing, and stencils.
POS Gate Striping Standards

**Equipment Restraint Lines & GSE Staging**

1. The Fuel Cart Stow Box Are The Only Approved GSE Inside Of The Equipment Restraint Line / Safety Envelope.
2. Pushback Tug Stow Box Can Overlap Equipment Restraint Line With Port Approval. See 7.2

**Standard Pushback Tug Stow Box**
- 4 inch White Lines
- Reflective Glass Beads Shall Not be Applied

**Pushback Tug Stow Box Vertical**
- 4 inch Yellow Lines
- Reflective Glass Beads Shall be Applied

**Fuel Cart Stow Box**
- 4 inch Yellow Lines
- Reflective Glass Beads Shall be Applied

**Note:** All GSE Slow Boxes Shall be 4 inch White Lines (Reflective Glass Beads Shall Not be Applied)

For letters and numbers, all font shall match existing Port of Seattle font (Alpine), spacing, and stencils.
POS Gate Striping Standards

Note:
For letters and numbers, all font shall match existing Port of Seattle font (Alpine), spacing, and stencils.
POS Gate Striping Standards

Aircraft Engine Start Box
- Scale: Not to Scale
- Dimensions: 16.0" x 24.0"
- Text: ENG ST
- Solid Yellow Box, Embossed with Reflective Glass Beads, 6 Inch Black Border (Reflective Glass Beads Shall Not be Applied to Border)

Aircraft Hold Box
- Scale: Not to Scale
- Dimensions: 16.0" x 24.0"
- Text: HOLD
- Solid Green Box, Embossed with Reflective Glass Beads, 6 Inch Black Border (Reflective Glass Beads Shall Not be Applied to Black Text)

VSR Intersection Stop Sign
- Scale: Not to Scale
- Dimensions: 4.0" x 4.0"
- White letters on red background, with no border

Note:
For letters and numbers, all font shall match existing Port of Seattle font (Alpine), spacing, and stencils.

Use red octagonal stop sign stand:
Aircraft and dashed lines painted in white, no border
Note: This marking is optional