

Paving Equipment on FDOT Bridges

Dan L. Hurtado, P.E.
Director, Office of Construction



11
7

What's This About?

7-7.5 Contractor's Equipment on Bridge Structures: The Contractor's Engineer of Record shall analyze the effect of imposed loads on bridge structures, within the limits of a construction contract, resulting from the following operations:

1. Overloaded Equipment as defined in 7-7.2:
 - a. Operating on or crossing over completed bridge structures.
 - b. Operating on or crossing over partially completed bridge structures.
2. Equipment within legal load limits:
 - a. Operating on or crossing over partially completed bridge structures.
3. Construction cranes:
 - a. Operating on completed bridge structures.
 - b. Operating on partially completed bridge structures.

Any pipe culvert(s) or box culvert(s) qualifying as a bridge under 1-3 is excluded from the requirements above.



What Did We Change?

7-7.5 Contractor's Equipment on Bridge Structures: The Contractor's Engineer of Record shall analyze the effect of imposed loads on bridge structures, including Department owned temporary bridges, within the limits of a construction contract, resulting from the following operations:

1. Overloaded Equipment as defined in 7-7.2:
 - a. Operating on or crossing over completed bridge structures.
 - b. Operating on or crossing over partially completed bridge structures.
2. Equipment within legal load limits:
 - a. Operating on or crossing over partially completed bridge structures.
3. Construction cranes:
 - a. Operating on completed bridge structures.
 - b. Operating on partially completed bridge structures.

4. Asphalt Milling Equipment

- a. In excess of 90,000lbs crossing bridge structures
- b. Less than 90,000lbs crossing bridge structures listed on the overweight

routing map CRN-2 located on the Office of Maintenance Over-Weight Dimension Permits website at <https://www.fdot.gov/maintenance/owod-permit-documents#BlanketAttachments>

Any pipe culvert(s) or box culvert(s) qualifying as a bridge under 1-3 is excluded from the requirements above.



Why Did We Change It?



How Did We Change It?

Assigned Maps (simplified) Performed by FDOT

Transport Weight: Full hydraulics, water and fuel

Map	GVW <= 90,000 lbs	Qty
CRN-2 GVW < = 90,000 lbs	Wirtgen W210i	16
	Wirtgen W200	4
	Wirtgen W200i	15
	Roadtec RX-700e (3 track)	13*
	Roadtec RX-500	1
	Roadtec RX-600 (3 track)	10
	Roadtec RX-600 (4 track)	13
	PM200-2.0M	2
	PM620	0
	PM622	5
Unassignable	Wirtgen W220i	1
	Wirtgen W250i	1
	Wirtgen W 2200	1
	Roadtec RX-700e (4 track)	13*
	Roadtec RX-900	3

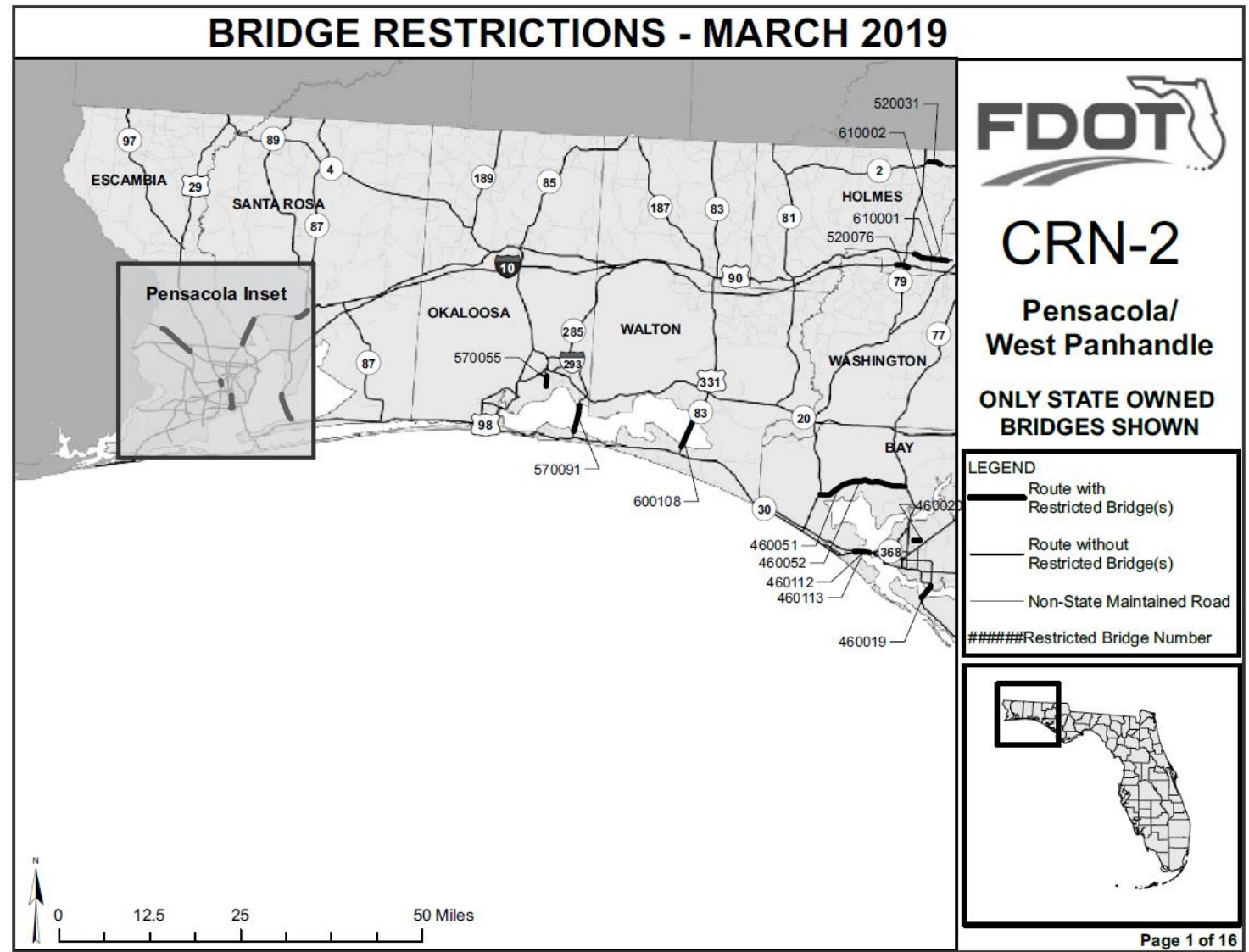




What Did We Consider?



What Now?



During This Presentation:

11 accidents

7 injuries

