

### Features

System Location:	Mechanicsville, VA
Vehicle Type:	Automatic Press Loader (APL)
Number of Vehicles:	8
Load Description:	Newsprint Rolls
Guidance Method:	Laser
Vehicle Capacity:	3,000lbs
Vehicle Speed:	260 FPM
SGV Host Controls:	Windows XP SGV Manager
Battery Charging Method:	Opportunity Charging (Fast Chargers)



**Low Profile Automatic Press Loading Vehicle**

### Description

The JBT Corporation SGV system includes eight automatic press loading (APL) vehicles which interface with the existing prep-stations, lay-down racking, reelstands, and waste carts. The vehicles automatically move stripped and pasted rolls of newsprint throughout the reelroom. Rolls are transported from two roll prep stations through lay down/buffer storage racks to twenty (20) reelstands at the presses. The low profile APL vehicles can “crab” sideways to automatically load newsprint rolls into the presses, and position rolls with extreme accuracy and reliability. Partial/butt rolls are transported by the APL vehicles throughout the newsprint operation. Three types of waste bins are also handled by the APL vehicles including white waste, printed waste and brown wrapper waste. The SGV System replaced an existing obsolete wire guided AGV System.

### Benefits:

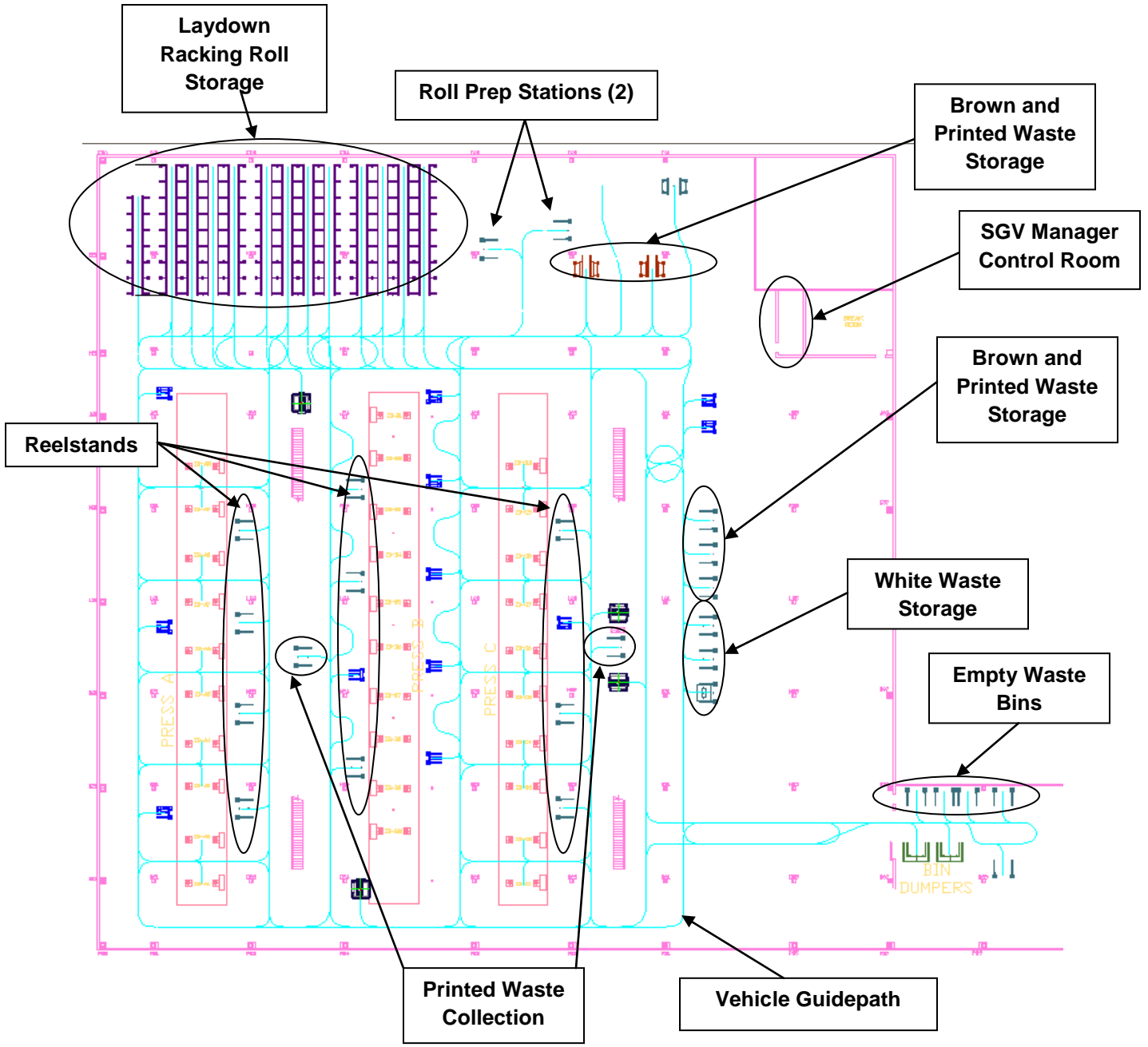
- System installed as a “drop in” to prevent interruptions to production.
- Eliminated bottle necks with an improved vehicle guidepath and traffic control.
- Vehicles operate with extreme accuracy which reduced roll damage.
- Improved roll/inventory tracking with JBT software designed specifically for newsprint applications.



*The photos above show the old AGV system carrying a roll and waste bin.*



# Plant Layout



[www.jbtc-agv.com](http://www.jbtc-agv.com)



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