



New PowerCart Component

- PowerCart: 7 with 3'Wx8'L table top
- Drive Frame with Gear Motor: 5 (replacement)
- Track: 300ft (0.75"Hx1"W)
- Charge Rail: 3 unit (15 minutes)
- Cart on Demand: 3 units
- Display Monitor: 1 unit
- Mini Laptop: 1 unit
- Tunnel/PowerCart Communication: 2 cells
- Loading Station: 1 unit

New Tunnel Components

- Allen Bradley PLC1400 with disconnect
 - Motion Sensor: 3 (1 per zone)
 - 12-6" fans (200 CFM each)
 - 2 Cell Heat Zones
 - Cell 1 (modify): 3-8:1 IR Sensor
 - Cell 2: Side/Roof Heat (42), Full Power, 3-8:1 IR Sensor
 - Convection: 6 elements, J-thermocouple, 4-blowers (2000 CFM each)
- ADDITION POWER: 89kW @480V 3phase ~120Amps

- Cart Programmer**
has 9 program buttons to load system program operation into each cart.
- System Monitor**
shows all cart battery levels and has a system On/Off switch
- Diagnostic Laptop**
- Cart on Demand**
- In-line Charge Rail**

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	<small>CHECKED</small> NONE		<small>TITLE</small> PowerCart System
	<small>SHEET</small> 1 OF 1		<small>REV</small> 2
	<small>DWG No.</small> Conceptual Drawing		