

CRANE DATA SHEET 1

Location: 215 Tecumseh Street

1. Capacity: Hoist(s) 1.5 Ton Bridge Span: 42 ft
2. Required Hook Lift 15 ft. 0 in. Minimum
3. Approximate Length of Runway: 120 ft
4. Number of Cranes on Runway: two
5. Service Information: CMAA Class C
6. Ambient Temperature in Building: Max: 120°F Min: 50°F
7. Material Handled: Road equipment and components
8. Speeds Required: a) Hoist Two speed 24/ 3.9 fpm.
b) Trolley 20 / 5 fpm. or VFD infinite control
c) Bridge 60 / 10 fpm or VFD infinite control
9. Crane to Operate: Indoors only
10. AC Power: Volts 230 Phase 3 Hertz 60 Breaker 100 amp
11. Provide dedicated contactor with lock out.
12. Method of Control: Pendant Remote
13. Location of Pendant Control: Handheld Pendant on roller track
14. Remote Control Functions ***

Handheld radio controlled remote with encoded communication to crane. Provide spare remote. For each crane. Operator key required.
Remotes to be capable of operating individual crane or interlocking with 5 Ton remote to permit control of the two cranes on the same runway for hoist trolley and bridge travel functions.
15. Collision Avoidance System ***

Incorporate existing collision avoidance system into new crane control. Advise engineer if system is not compatible with new crane.
16. Lighting: Four LED lighting fixtures 8000 Lumens each required to be mounted to the crane bridge. Align lights with existing ceiling lights.
17. Shop drawings: Provide shop drawings with all structural, mechanical and electrical details to the engineer. Provide data sheets for hoists, trolleys, end trucks and related drives. Provide data sheet for pendants, remote controls, duct-o-bars, light fixtures, switches and contactors.