

## **Adelaide Rail Freight Movement Study Submission**

### **Qualifications**

I am a retired computer and communications professional with accountancy qualifications but no engineering qualifications completed. I have an ongoing interest in transport infrastructure and operations.

### **Points of Concern**

1. Probable conflict of double stacked containers with proposed STA electrification where ARTC and STA tracks cross.
2. Route and grading required to accommodate the difference in elevation between Sedan and Truro.
3. Have doubts that double stacked containers can be fitted in the existing Murray bridge and there is enough room to enlarge or daylight the Murray Bridge tunnel.
4. Curious about what happens to road traffic with a tunnel commencing in the vicinity of Cross Road.

### **Wild Ideas**

1. During a construction phase divert ARTC traffic onto STA track between Mitcham and Sleeps Hill. Lower the ARTC track from Torrens Park to a point beyond Clapham where the tunnel can commence and pass under the STA track.
2. Tunnel to go to an end on connection with existing track at Balhannah.
3. Level track from Monarto South straight across the Bremmer River valley on a viaduct to a new route to Nairne on easier grades.
4. A new high level viaduct across the Murray River valley.