APPENDIX O – Standard Operating Procedures (SOP) Cross Reference Matrix

(Incorporates all uploaded SOPs through the 800-series OCC communications set)

Purpose:
This appendix aligns each section of the Track Access Guide – Introduction with the corresponding Valley Metro Standard Operating Procedures (SOPs).

It serves as an audit-ready reference for ADOT SSO and FTA 49 CFR 674 compliance, ensuring every procedural topic within the TAG has a governing SOP linkage.

TAG Section	Applicable SOP # / Title (Revision)	Integration / Application Notes
1.0 Purpose & Scope	SOP 1000.01 – Track Right-of-Way Inspection (Rev C) SOP 1000.04 – Track Standards (Rev D)	Establishes Valley Metro's engineering and inspection baseline; provides regulatory alignment with FRA 214 and FTA 674 requirements
2.0 System Overview & OCC Coordination	SOP 600.05 – Manual Operation of OMC Powered Switches (Rev C) SOP 600.14 – Switch Operation Procedures (Rev D) SOP 800.01 – Handling of Incoming Calls by OCC (Rev A)	Defines OCC control of interlockings and powered switches; all communications recorded per SOP 800.01
3.0 Field Roles & Responsibilities	SOP 600.12 – Mainline Switch Inspections (Rev C) SOP 600.13 – Mainline Switch Repairs (Rev E) SOP 1600.1 – Right-of-Way Access for Maintenance Purposes (Rev D)	Specifies inspection and repair roles, RWP duties, and ROW access levels with OCC notification.
4.0 Communication & Movement Control	SOP 800.03 – Radio Communication (Rev C) SOP 800.04 – Reporting & Documentation by OCC (Rev A)	Standardizes radio protocols, documentation, and blue-flag protection; ensures OCC maintains

TAG Section	Applicable SOP # / Title (Revision)	Integration / Application Notes
	SOP 1700.29 – Use of Blue Track Flags & Master Controller Flags (Rev D) SOP 1700.01 – LRV Movement & Operation (Rev I)	command authority for all on-track movements
5.0 Safety & PPE Requirements	SOP 700.01 – Personal Protective Equipment Minimum Requirements (Rev D) SOP 1500 Series – Safety & Health Programs	Defines minimum PPE, FR clothing, visibility, and fall-protection standards for all Traction Power staff.
6.0 Hazard Identification & Mitigation	SOP 1000.04 – Track Standards (Rev D) SOP 1600.1 – Right-of-Way Access (Rev D)	Integrates the Four Standard Hazard Categories—Access Limitation, Braking Distance, Visibility, Environmental—into TAG risk evaluations
7.0 Traction Power & OCS Safety	SOP 700.05 – Emergency Overhead Catenary System Repair (Rev D) SOP 700.21 – Tangled LRV Pantograph (Rev D)	Provides traction-power de-energization and pantograph incident procedures with OCC coordination.
8.0 Documentation & Reporting	SOP 600.13 – Mainline Switch Repairs (§ 3) SOP 1000.01 – Track ROW Inspection (§ 3) SOP 800.04 – OCC Reporting (Rev A)	Requires all inspection, repair, and incident data to be entered in EAM; OCC documents all infractions per SOP 800.04
9.0 Training & Certification	SOP 2300 – Training & Certification Requirements	Establishes training and renewal standards; integrates with Absorb LMS for compliance tracking
10.0 OCC & Emergency Communication	SOP 800.01 – Handling of Incoming Calls by OCC (Rev A) SOP 800.03 – Radio Communication (Rev C)	Details emergency-call routing, dual-channel notification, and radio-priority procedures

Summary of System Coverage

- Track Infrastructure: SOP 1000-series defines inspections and standards.
- Access & Worker Safety: SOP 1600.1 and 700.01 govern ROW entry and PPE.
- Switch & Track Operations: SOP 600.05–600.14 control inspection, repair, and operation.
- Traction Power: SOP 700.05 and 700.21 manage energized OCS work and pantograph events.
- Vehicle Movement & Protection: SOP 1700.01 and 1700.29 cover yard moves and blue-flag isolation.
- OCC Communication & Reporting: SOP 800.01–800.04 define communication, recording, and rule-violation documentation.

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