Asset Document Control List (ADCL)

CKH-ASMT-FRM-002 Version: 09

Revision Date: January 31, 2024

Developed by: Asset Lifecycle Management

Contract No.

Project Delivery Team to fill in these details (Row 7 to 12)

Project No.

Project Name
Contractor

Substantial/Estimated Completion Date
Project Delivery Team Project Manager

Project Delivery Team Document Controller

Metrolinx Asset Owner Approver Name(s)

Metrolinx Asset Owner Document Controller

BACKGROUND:

The ADCL is a tool used to capture the documents of new or impacted assets, in line with the following documents:

- · Asset Information Standard (MX-ALM-STD-001) available on the http://www.gosite.ca/engineering_public/
- CADD/BIM Standards Manual (MX-ALM-STD-004) available on the http://www.gosite.ca/engineering_public/
- The ADCL Job Aid and other references are available to staff on Mylinx Asset Lifecycle Management Asset Information Management

Business specific protocols need to be followed in conjunction with this template.

INSTRUCTIONS:

PROJECT DELIVERY TEAM (PDT):

- saves this blank template using the nomenclature "Handover Project # Contract # Project Title ADCL" and fills in the Overview_Instructions Worksheet Header
- provides the contractor briefing on the ADCL template and it's completion.
- ensures the checked out documents are entered in the ADCL using the same file name but with the new version no.
- coordinates with the Project Delivery Team Document Controller to upload the completed ADCL and documents to the Electronic Document and Record Management System (EDRMS) staging area

PROJECT DELIVERY TEAM DOCUMENT CONTROLLER:

- requests the Asset Class Document Controller to create project folders in the staging area in EDRMS
- uploads completed ADCL and documents in EDRMS staging area
- informs the Metrolinx Asset Owner Document Controller, if applicable, after uploading the completed ADCL and documents to the EDRMS staging area

CONTRACTOR:

- maintains and completes the ADCL
- contacts PDT for further help/information

METROLINX ASSET OWNER:

- requests the Asset Class Document Controller to create project folders in the staging area in EDRMS
- generates Location ID only if the document is being associated to an asset and location (a requirement for majority of stations/facility assets)

ASSET OWNER DOCUMENT CONTROLLER:

• creates project folders in the staging area in EDRMS when informed

1



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Format	Hard Copy Type	Hard Cop Quantity
structions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
	Signals	As-Installed Design Drawings								
	(ADCL - RC)	As-Installed Software & Configuration Files								
		Asset Information Handover Acceptance Certificate - signed								
		Completed and Signed-off deficiency list								
		Configuration Change Report								
		Engineer of Record (EOR) Letter of conformance to: Mx Gls, SCPs, Standards, Section 11 of the Railway Safety Act								
		Environmental Assessments								
		Factory Acceptance Test Results (FAT): Software Validation Tests, Wiring Certification Forms								
		Final / As-Installed Master Asset List (MAL)								
		Final Asset Document Control List (ADCL)								
		Final Deficiency Report - Completed								
		Final Design and Record Drawings								
		Final Issued for Construction (IFC) Design documents (to Mx CADD/BIM Standards Manual)								
		- IFC Design Drawings - IFC Software & Configuration Files								
		Geo-file Database (for MX owned assets)								
		Geo-file Database (for property records)								
		Geo-file Database (for third party utilities)								
		Geo-technical Reports Installation, Operation, and Maintenance (IOM) Manuals								
		Lessons Learned - Project Construction Phase Letter from Consultant/Owner's rep.								
		LIDAR Scan Data								
		Master Asset List (MAL) (As-designed)								
		Non-Vital Signal Interlocking Software								
		Post-construction reports								
		Pre-construction reports								
		Project Co/Developer Nomenclature for file naming								
		RAMS Plan (Reliability, Availability, Maintainability, Safety)								
		Reports (Breaking Analysis, Siding Form, etc)								
		Signals Asset Handover Certificate								
		Signals In-Service Certificate								
		Signals In-Service Commissioning Test Plans								
		Signals In-Service Commissioning Test Results								
		Signal Material and Spares List								
		Site Acceptance Test (SAT) Plans								
		Site Acceptance Test (SAT) Results								
		Supplier Contact List								
		Surveys								
		Train/Crossing Logs (if applicable)								
		Vital Signal Interlocking Software								
		Warranty Certificates								
		Other (Insert row below and specify document type)								



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
L		As-Installed Design Drawings								
	(ADCL-RC)	Asset Information Handover Acceptance Certificate - signed								
		Completed and Signed-off deficiency list								
		Configuration Change Report								
		CWR De-stressing Report					7			
		Engineer of Record (EOR) Letter of conformance to: Mx Track Standard and Standard Plans, Section 11 of the Railway Safety Act								
		Environmental Assessments								
		Factory/Manufacturer/Quality Assurance Certifications								
		Final / As-Installed Master Asset List (MAL)								
		Final Asset Document Control List (ADCL)								
		Final Design and Record Drawings								
		Final Deficiency Report - Completed								
		Final Issued for Construction (IFC) Design documents (to Mx CADD/BIM Standards Manual) - IFC Design Drawings - Geotechnical Reports								
		Geo-file Database (for MX owned assets)								
		Geo-file Database (for property records)								
		Geo-file Database (for third party utilities)								
		Geo-technical Reports								
		Lessons Learned - Project Construction Phases								
		Letter from Consultant/Owner's Representative								
		LIDAR Scan Data								
		Master Asset List (MAL) (As-designed)								
		Installation, Operation, and Maintenance (IOM) Manuals								
		Post-construction reports								
		Pre-construction reports								
		Project Co/Developer Nomenclature for file naming								
		Proof of Critical Spare Parts Ordered								
		RAMS Plan (Reliability, Availability, Maintainability, Safety)								
		Reports								
		Supplier Contact List								
		Surveys								
		Track Geometry and Rail Flaw Report								
		Track Handover Certificate								
		Track In-Service Certificate								
		Track In-Service Inspection Results								
		Track Inspection Report Warranty Certificates								
		Welding & Rail Report								
		Other (Insert row below and specify document type)								
		Onior (insert row below and specify document type)								



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
	Civil Structures (ADCL - RC)	As-Builts Civil Structure Plans (Any update since in-service), Record Drawings, specifications, structural models, and design calculations.								
		Asset Information Handover Acceptance Certificate								
		Civil Structures Handover Certificate								
		Civil Structures In-Service Certificate								
		Civil Strucutres In-Service Inspection Results								
		Configuration Change Report								
		Contract and warranty documentation								
		Design Calculations								
		Letter/Memo from Consultant/Owner's rep (Engineer of Record (EOR) Letter per the								
		Railway Safety Act)								
		Environmental Assessments								
		Factory/Manufacturer/Quality Assurance Certifications								
		Final Deficiency Report - Completed							-	
		Final Issued for Construction (IFC) Design Documents (to MX CADD/BIM Standards)								
		Final / As-Installed Master Asset List (MAL)								
		Final Asset Document Control List (ADCL)								
		Geo-file Database (for MX owned assets)								
		Geo-file Database (for property records)								
		Geo-file Database (for third party utilities)								
		Geo-technical Reports								
		Hydrology/Hydraulic Reports								
		Inspection Report / Regulatory Inspection Reports (if handover is 12 months after in service) and Bridge Rating (if applicable)								
		Lessons Learned - Project Construction Phases								
		Letter from Consultant/Owner's Representative								
		LIDAR Scan Data								
		Operation and Maintenance Manual								
		Ownership/Maintenance Responsibility Agreement (if required)								
		Maintenance requirements and plans								
		Master Asset List (MAL) (As-designed)								
		Post-construction Reports							4	
		Pre-construction Reports								
		Project Co/Developer Nomenclature for file naming								
		RAMS Plan (Reliability, Availability, Maintainability, Safety)								
		Reports								
		Structure maintenance requirements								
		Surveys								
		Other (Insert row below and specify document type)								



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
		As-Built / Record Drawings (relative to Electrification Assets)								
		Asset Information Handover Acceptance Certificate - Signed								
		Backup Power Plan & Trial Test Report, Backup Power Supply, Contingency Plans & Compliance Test Report								
		Commissioning Documents								
		Corrosion Control Plan - including the following: - Stray Current Reference Surveys - documented existing conditions baseline corrosion control & geotechnical survey - track to earth resistances monitoring data/report & computer simulation data - post-operation stray current survey								
		EMC/EMI Program Plan and program for all Systems, Subsystems, and components Including: - EMI/EMC site survey - EMI/EMC Control Plan for the entire system - EMC risk assessment of the design - Qualification test reports - Radio immunity qualification test								
		Emergency Plan, Response Plan (including post-SC)								
		Equipment Shop Drawings (for electrification assets)								
		Final / As-Installed Master Asset List (MAL) - Asset Register with asset description, location, manufacturer, model, and condition								
		Final Asset Document Control List (ADCL)								
		First Article Inspection (FAI) Reports								
		Grounding and Bonding Plan - included G&B Management Plan, G&B Control Plan, G&B Hazard Mititgation Plan, and all other plans and reports listed under this section - Grounding Grid Test Reports								
		Handover Planning and Training - Handover Strategy and Plan								
		Hazard Analysis Documentation - includes all analysis reports, record/logs								
		Load Flow Studies/Simulations (TPS) (including certification of software)								
		LRT Operating Rulebook and Standard Operating Procedures								
		Maintenance Plans Including: - Maintenance & Rehab Plan, - Annual Maintenance Work Schedule, - 5yr Asset Preservation Work Schedule, - Asset Management Plan - Asset Management Information Handover Requirements - Concept of Maintenance & Operations								
		Master Asset List (MAL) (As-designed)								
		Operations & Maintenance Manuals (O&Ms) Performance Testing Records								
		Post-Construction Condition Survey Report & Handover Report								
		Pre-Start Health and Safety Reviews (as required)								
		Project Co/Developer Nomenclature for file naming								
		Protective Device Coordination Plan and relay settings for the entire Traction Power System								
		RAMS (including reports, plans, performance docs, simulation results and sensitivity testing, RAM Test Specification, RAM Validation Report, etc)			4					



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
		Readiness for Revenue Service - achieved Substantional Completion - completed Revenue Service Demonstration (i.e. complete, integrated PCo infrastructure incl all subsystems, op personnel & procedures) Requirements Management Plan								
		Rolling Stock and OCS Coordination Study Safety Management Plan & Safety Work Plan - includes Fire & Life, contractor safety								
		Short-circuit analysis with protective device evaluation, arc- flash analysis, protective device coordination study, load flow/voltage drop study, lightning protection report, etc Site Acceptance Test Reports (SATs)								
		Stray Current Surveys (Pre-Energization & Post-Op) System Assurance Plan (SAP) System Engineering Management Plan (SEMP) System Integration and Interface Management Plan (SIIMP) & assoc docs per								
		Schedule 10 - including Interface Control Documents (ICDs) (incl matrix, processes, development schedule, conflict resolution methodology, data sheets, etc) - Systems Interface Register, Requirement Mgmt Plan, System Interface V&V Plan, System Safety Plan, RAM Plan, etc								
		Systems Integration Testing & Commissioning Records (SIT) System Inventory - Spares & Consumables List Spares Parts List -Recommended Repairable Parts -Non-Repairable Parts -Recommended Consumables -Spare Parts Log -Safety Critical Items List								
		System Operation & Fault Recovery Plan System Performance & Failure Management Analysis								
		Testing Plan, Procedures and Reports Toronto Hydro Offer To Connect Confirmation Documents (THESL OTC)								
		Training Plan - Operational and maintenance training for all PCo System Infrastructure and new Third Party Infrastructure								
		Training Records & Activities Tunnel and OCS Coordination Study								
		Warranty Information -part of EMMS & O&Ms								
		TPS Traceability Specifications TPS & OCS - Communication and Controls Design Criterias and Studies								
		Technical Specifications - Engineer of Record (EOR) Letter of conformance to Metrolinx Standards								
		Independent certifier certification documents Other (Insert row below and specify document type)								



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
	Facilities (Stations) (ADCL - Fac (Sts))	A copy of all construction permits & inspection reports (PDF)								
		A copy of all regulatory operating or installation permits/registrations/licenses/certifications/records/plans (PDF/Word/Excel)								
		All Engineering Studies, Reports and *Software Models (PDF, *Native Model File Type								
		All Equipment Specifications (PDF)								
		All Equipment User and Installation Manuals (PDF)								
		All licenses, software, equipment, training for supplied SCADA systems								
		As built drawings - PDF and CAD								
		Asset Information Handover Acceptance Certificate - Signed								
		Configuration Change Report								
		Copies of all equipment program files (*Native File Type)								
		Detailed Environmental Technical Documentation, Maintenance and Test Programs,								
		and Associated Drawings (PDF)								
		Device List of IP/Serial Addressing (PDF, XLSX)								
		Environmental Activity Sector Registry registration (if not covered under ECA) Environmental Assessments								
		Environmental Emergency Regulation registration and plans for propane, as required								
		Final / As-Installed Master Asset List (MAL)								
		Final Asset Document Control List (ADCL)								
		Final Issued for Construction Documents (to MX CAD/BIM Standards)								
		Fire Safety Plans								
		Geo-file database (MX owned assets and/or third party utilities)								
		Geo-technical reports								
		Glass Maintenance Schedule								
		Grounds Maintenance Drawings Handover Certificate								
		In Service Certificate								
		Inspection warranty information (PDF) including service provider contact information,								
		inspection frequency and terms of inspections								
		Landscaping Plans								
		LEED Certification								
		Lessons Learned - Project Phases								
		LIDAR scan data List of all Equipment Settings and *Equipment Settings Files (PDF, XLSX, *Native								
		Settings File Type)								
		List of all equipment software/firmware login user names, passwords and associated								
		user profile rights (PDF, XLSX)								
		List of Recommended and Supplied Test Equipment (PDF, XLSX)								
		List of spare parts, spare materials and special tools								
		Master Asset List (MAL) (As-designed)								
		Network Communication Diagrams (PDF, VISIO) Ongoing LEED requirements								
		Ongoing LEED requirements Operations and Maintenance Manuals in compliance with the requirements identified								
		in the Metrolinx Commissioning and Handover Protocol								
		Operations and maintenance programs and inspection certificates from authorizing authorities including but not limited to TSSA, ECA, EASR, ESA etc								
		Preventative Maintenance Program / Matrix detailing required maintenance activities at recommended intervals, including requirements necessary to maintain all								
		operating permits (PDF, DOC)								
		Project Co/Developer Nomenclature for file naming RAMS Plan (Reliability, Availability, Maintainability, Safety)								



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
		Record Drawings, of which, shall be completed following site commissioning drawings must be accurate to what was installed on-site within 30 days of Total Completion								
		Safety Certification								
		SCADA Points List & Mapping (PDF, XLSX)								
		Sealed Commissioning Plan Issued for Use (PDF)					/			
		Sealed Commissioning Plan with Test Results (PDF)								
		Security CHUBB Accounts (elevator communication and supervisory systems).								
		Signage Catalogue								
		Site Survey								
		Snow and Ice Control Plan								
		Spare Parts List detailing nameplate data such as: model, type, manufacturer, size, part number and recommended quantities								
		Standby power generator information								
		Surveys								
		TSSA inspection certificates for all elevating devices								
		Updated Designated Substance / Hazardous Material Management Plans, as applicable								
		Warranty Terms and Certificates of which specify the warrantor, the duration of coverage, the effective start date and the services and parts included.								
		Written Functional Description(s) of How Installed Systems Operate – pictures to be included (PDF, DOC)								
		Other (Insert row below and specify document type)								
		, , , , , , , , , , , , , , , , , , , ,								

	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
	Rail Facility Assets (ADCL - RFA)	Access and Crossing Agreements (if assets require crossing or are installed within ROWs of properties owned by others)								
		Acoustic Reports								
		Analytical Results for any Imported Soils								
		Approvals								
		ARC Flash Hazard Assessments								
		As-Builts Asset Information Handover Acceptance Certificate - Signed								
		Backflow Preventer Inspection Records, Tags and Cross-Connection Survey								
		Boiler/Pressure Vessel/Elevating Device Installation Inspection Certificates from the TSSA								
		Building and Architectural Drawings								
		Building Permits and Inspection Records from the local municipality								
		Code Analysis Report								
		Commissioning Reports								
		Configuration Change Report								
		Construction Permits and Inspection Reports (PDF)								
		CPTED Assessment Report								
		Customer Connection Application and Offer to Connect from the Local Electrical Distribution Company								
		Designated Substance/Hazardous Material Management Plans			/					
		Designated Substance Surveys Device List of IP/Serial Addressing (PDF, XLSX)								
		Digital Maintenance Schedule								
		Electrical Permits, Inspection Records, and Authorizations to Connect from the Electrical Safety Authority								
		Engineering Studies, Reports and *Software Models (PDF, *Native Model File Type)								
		Environmental Activity Sector Registry (EASR) Confirmations for Standby Power, Heating Systems, Snow Melt Heaters, EASR emissions, etc.								
		Environmental Activity Sector Registry registration (if not covered under ECA)								
		Environmental Assessments								
		Environmental Compliance Approvals (ECA) for Air, Septic, Stormwater. (The requirements for air/noise, stormwater, and wastewater permits shall be considered, if the consultant identifies that they are not required, they shall provide written justification pulling from applicable standards or Ministry communication to Metrolinx.) If ECA is initially taken out under the constructor's name, need to provide letter of ownership transfer to MECP with MX's approval. (Before handover, the constructor shall inform start of regulated asset operations, where MECP notification is required per the ECA)								
		Environmental Emergency Plans (propane) and Environmental Emergency Regulation Registration (for regulated material that exceeds the threshold)								
		Environmental Technical Documentation, Maintenance and Test Programs, and Associated Drawings (PDF) for: storm water, sanitary waste, industrial water use inside buildings, potable water, sanding systems, spill prevention systems, fueling systems and drains/discharge points. (Drawings shall identify any municipal connection points and municipal sampling points, if a sampling point is required by the Municipality/Region)			8					

		T							1	
	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
		Equipment Program Files (*Native File Type), including but not limited to: i. Programmable Logic Controllers ii. Network Switches iii. Protection Relays iv. Local HMIs								
		Equipment Software/Firmware Details (login user names, passwords and associated user profile rights) in PDF and Excel								
		Equipment Specifications with List of all Equipment Settings and *Equipment Settings Files (PDF, XLSX, *Native Settings File Type) ESA Field Evaluation Reports								
		Fabrication Detail for Unregulated Tanks (e.g., slop/DEF tanks), indicating the Recognized Standard								
		Final / As-Installed Master Asset List (MAL) Final Asset Document Control List (ADCL) Final Issued for Construction Documents to MX CAD/BIM Standards (Tender,								
		Drawings, Specification, Attachments) Fire Safety Plans								
		Fixtures, Furnishings & Equipment Geo-file database (MX owned assets and/or third party utilities) Geo-technical Reports								
		Glass Maintenance Schedule Ground Grid Designs and Associated Soil Resistivity and Fall of Potential								
		Assessments Grounds Maintenance Drawings Handover Certificate								
		Issued for Construction Documents In Service Certificate Industrial Waste Surcharge Agreements								
		Inspection Warranty Documents (PDF) indicating Service Provider Contact Information, Inspection Frequency and Terms of Inspections for Oil-Water/Oil-Grit Interceptors								
		Inventory of Major Industrial Equipment Installed On Site (detailing nameplate data such as: model, type, manufacturer, size, part number, summary of warranty coverage with start and end dates, and lists of all associated user, installation and warranty manuals) in Excel with URL hyperlink to Manuals								
		Landscaping Plans LEED Certification LEED Gold Accreditation								
		LEED Requirements (ongoing) LEED Submission								
		Lessons Learned - Project Phases Licenses for Software, Equipment, Training for Programming, Extending or Modifying supplied SCADA Systems and BAS (all required software licenses shall be valid for at least 10 years without the need for periodic renewal)								
		LIDAR scan data Light and Illumination Plan Load Flow, Short Circuit, and Protection Coordination Studies								
		Locates from Ontario One Call and/or other Utility Services Logic Diagrams for Control Systems and all Electrical/Mechanical/Logic-based Interlocking Systems with site specific operation instructions								
		Maintenance Plan Master Asset List (MAL) (As-designed) Measuring Equipment/Analog Sensors Calibration Reports (calibration procedure/s								
		should be done as per OEM instructions) Mechanical Drawings and Details Ministry of Natural Resources Endangered Species Permit								
		Municipally Mandated Cross Connection Surveys and Back Flow Tags			9					

	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Cop Quantity
structions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
		Network Communication Diagrams (PDF, Visio)								
		Notice of Project and Registration of Constructors from the Ministry of Labour								
		Operations and Maintenance Manuals (in compliance with the requirements identified in the Metrolinx Commissioning and/or Handover Protocol and Metrolinx Rail Services Construction Handover Protocol)								
		Operations and Maintenance Programs and Inspection Certificates from Authorizing Authorities e.g. SSA, ECA, EASR, ESA, etc.								
		Permit Exemption Certificates (Certificates or Official correspondence from the regulating authority)								
		Permit to Take Water								
		Pipe Clean-Out and Camera-Inspection Records								
		Piping and Instrument Drawings Post-Construction Monitoring Instructions if required by Regulatory Authorities per Environmental Project Reports, ECAs, etc.								
		Post-construction Reports								
		Pre-construction Reports Precision Leak Detection Tests for Storage Tanks and Piping								
		Prestart Health & Safety Reviews, including Metrolinx Safety Certification								
		Project Co/Developer Nomenclature for file naming								
		RAMS Plan (Reliability, Availability, Maintainability, Safety)								
		Recommended and Supplied Test Equipment (PDF, XLSX) list Record Drawing following Site Commissioning Drawings [must be accurate to what was installed on-site within 30 days of Total Completion and to include IFC and asbuilt engineering drawings (PDF & CAD)]								
		Regulatory Operating or Installation Permits/Registrations/Licenses/certifications/records/plans (PDF/Word/Excel)								
		Rental assets are onsite (e.g., propane tanks) that are not maintained by Metrolinx, need to receive outline of vendor's maintenance and inspection schedule, construction and fabrication details of asset (e.g., regulator and tank construction standards) copies of installation testing								
		Reports Reports for any remedial activities that were completed at the site due to								
		soil/groundwater contamination, designated substance abatement, etc. Risk Avoidance Work Plan (detailed)		_						
		SCADA Systems, BAS (written functional description of how Installed Systems Operate – pictures in PDF and DOC format, troubleshooting guide, points list and mapping, alarms list and description with actions to be taken in order to reset active Alarm in PDF and Excel format)								
		Safety Certification Sanitary Sewer Flow Monitoring and Capacity Study Sealed Commissioning Plan Issued for Use (PDF)								
		Sealed Commissioning Plan with Test Results (PDF)								
		Security CHUBB Accounts :elevator communication and supervisory systems								
		Shop Drawings Signage Catalogue								
		Single Line Diagrams; Three Line Diagrams; Electrical Schematics; Wiring Diagrams Site Investigation Reports such as: Hydrogeological and Geotechnical, Phase I and II								
		Environmental Site Investigations, Risk Assessments, Records of Site Condition, Stormwater Management Reports								
		Site Survey								
		Site Servicing Report Snow and Ice Control Plan								
		Snow and Ice Control Plan Snow and Ice Removal Plan								
		Spare Parts, Spare Materials and Special Tools List			10				1	



	Discipline / Asset Class	Document Types	Mandatory	Required for In-Service	Required by Date	Reason for Pending Documents	Pending Documents Delivery Date	Soft Copy Format	Hard Copy Type	Hard Copy Quantity
Instructions		What documents are required?	Documents required for this project Y/N	Y/N	Date documents are required	Why are the documents are not being provided? (e.g., delay in receiving Site Inspection Test files)	Date when pending documents will be delivered	e.g., xls, pdf, CADD	e.g., binder, folder	Quantity provided
		Standby Power Generator information, including, but not limited to: i. Size, make, and model ii. Fueling procedure iii. TSSA approval documentation iv. Environmental Activity Sector Registry registration (if not covered under ECA)								
		Stormwater Management Report								
		Structural Drawings and Details								
		Surveys System Test Report								
		Testing and Balancing Reports								
		Toronto Region Conservation Authority Permit								
		TSSA Certifications/Registrations/Licenses (and applicable permit exemption certificates) for boilers, pressure vessels, emergency generators, elevators, etc.								
		TSSA inspection certificates for all elevating devices								
		Warranty Terms and Certificates (specifying the warrantor, the duration of coverage, the effective start date and the services and parts included)								
		Water Well Installation Record and Tag								
		Waterproofing Report								
		Wayfinding and Signage Report								
		Other (Insert row below and specify document type)								
		, , , , , , , , , , , , , , , , , , , ,								

Asset Document Control List - Rail Facility Assets

CKH-ASMT-FRM-002
Version: 09
Revision Date: January 31, 2024
Developed by: Asset Lifecycle Management
Input Final ADCL date

Date														
Responsible				Contractor /	Project Delivery Team					PDT Decument Controller		Asset Owner		Asset Owner
Headers		Document				Asset			Other info, if applicable	Document Controller	Electronic Maintenance			Document Controller
	Document Name	Format Version Content Type	Sub Content Type Engineering Type	System/Sub System	Class of the System/Sub System	Reference field Description	Facility	Facility Type	Notes	Document uploaded to staging area	Management System (EMMS) Unique	Location ID	Document Handover Governance Validated and approved for processing	Document Processed to EDRMS with Document Nomenclature
Instructions Document Category	Enter the name the desument is sound as Even.			Select from Drop Down	Select from Drop Down			Select from Drop Down		Indicate the date completed	Asset ID / Barcode ID	To be generated only if the document	Approver: Asset Class Date of Approval	Confirm that document is processed to
		The format the file is being submitted e.g., Revision No. PDF, CAD, software	Down	Select Iron Brop Down	Select Holl Blop Bowli	Indicate the unique identifier as assigned by the Project Fire Pump, Overhead Team to link documents to the Door	. Select Holli Brop Bowli	Select Hoth Brop Bown	Additional Information (e.g., As Installed Drawings, Design, As Built, IFC, Manuals, Asset Tag	Indicate the date completed	Indicate the Asset ID Generated in EMMS or Barcode provided by Asset	is being associated to a location e.g., L-BALY-CC-F1-06	Lead Name	final location (Y)
(Insert rows as needed to add	Example: If documents are being provided as zip file or a combined drawing set then each individual	etc.				asset in the MAL (Master Asset List) e.g., CADD No.,			No. etc.)		Barcode provided by Asset Class	0.g., 2 5/12 / 00 / 1 00		(.,
,	document within must be listed.					File Geo Database Reference								
Example - As-Built Drawings	M-120 HVAC system.dwg	CADD Rev 02 Final Drawing	Project Drawing Set Mechanical	HVAC_	Heat Generation and Distribution Systems	M-120 AHU-01	Main Building	Computer Room						
Example - Reports	Environmental Assessment Report.pdf	pdf Rev 01 Report	Environmental Assessme Survey			EAR-Kitchener Kitchener Corridor Exte	n: Not Applicable							
As-Built Drawings														
Certificates														
Contract														
General														
IFC Drawings														
Letter from Consultant														
Manuals														
Permits														
I GIIILO														
Reports														
Software														
Surlus Spare Parts														
,														
Tests														
Warranh														
Warranty														

⇒ METROLINX

Asset Document Control List - Rail Facility Assets

CKH-ASMT-FRM-002 Version: 09 Revision Date: January 31, 2024 Developed by: Asset Lifecycle Management

Date																				
	Responsible	Contractor / Project Delivery Team											PDT Document Controller	Asset Owner				Asset Owner Document Controller		
	Headers			Document				Asset								Electronic Maintenance Management System		Document H	andover Governance	Document Processed to EDRMS with
		Document Name	Format	Version	Content Type	Sub Content Type	Engineering Type	System/Sub System	Class of the System/Sub System	Reference field	Description	Facility	Facility Type	Notes	Document uploaded to staging area	(EMMS) Unique Asset ID / Barcode ID	Location ID	Validated and approved for processing		Document Nomenclature
Instructions	Records are grouped by type as indicated in the Grey rows below.	Enter the name the document is <u>saved as</u> . Every document being handed over must be listed. Example: If documents are being provided as zip file or a combined drawing set then each individual document within must be listed.	being submitted e.g., PDF, CAD, software	Revision No.	Select from Drop Down	Select from Drop Down	n Select from Drop Down	Select from Drop Down	Select from Drop Down	Indicate the unique identifier as assigned by the Project Team to link documents to the asset in the MAL (Master Asset List) e.g., CADD No., File Geo Database Reference	Fire Pump, Overhead Door	Select from Drop Down	Select from Drop Down	Additional Information (e.g., As Installed Drawings, Design, As Built, IFC, Manuals, Asset Tag No. etc.)	Indicate the date completed	Indicate the Asset ID Generated in EMMS or Barcode provided by Asset Class	To be generated only if the document is being associated to a location e.g., L-BALY-CC-F1-06	Approver: Asset Class Lead Name	s Date of Approval	Confirm that document is processed to final location (Y)
-					+	1														

Asset Document Control List - Rail Corridors (Civil Structures, Signals & Communication, Tracks, Electrification & Plant) CON-MORTHMORE White Tracks Revision Date January 11, 2024 Revision Date January 11, 2024 Revision Date January 11, 2024

Date	Inout Finel ADCL date																
	Responsible					Contro	actor / Project Delive	ry Team			PDT Document Controller	A	sset Owner		Asset Owner Document Controller		
	Headers	Document Name	Sub-Division	Mleage	Distriction (Asset Ci		Document			laset	Signal Plant Track Numbe	Other info, if applicable		Electronic Maintenance Management System (EMMS) Unique Asset ID / Barcode ID	D	t Governance	Document Processed to EDRMS with Document Nomenclature
					Discipline / Asset Cl		Sub Content Type	Format Version	Potomoro field	Description		Notes	Document uploaded to staging area	(EMMS) Unique Asset ID / Barcode ID			
Instructions	Records are grouped by type as	Enter the name the document is <u>saved as</u> . Every document being handed over must be listed.	Select from Drop Down	If Fixed Asset, note Marker, if Linear as Span	Mileage Select relevant disciplir set, note Drop Down (Civil, Signals, Trac Electrification)	from Select from Drop Down Select from Drop Down	Select from Drop Down	e.g., JPEG, CAD, pdf e.g., New, Revision No.	Indicate the unique identifier as assigned by the Project Team to link documents to the	Describes the Asset e.g., No. 8 Turnout, LED Signal Housing, Pedestian Bridge Superstructure	Select from Drop List Track Down Number if	Additional Information (e.g., As Installed Drawings, Design, As Built, IFC, Manuals, Asset Tag No. etc.)	Indicate the date completed	Indicate the Asset ID Generated in EMMS or Barcode provided by Asset Class	Approver: Asset Class Lead Name	Date of Approval	Confirm that document is processed to final location (Y)
	(Insert rows as needed to add documents)	Example: If documents are being provided as zip file or a combined drawing set then each individual document within must be listed.		open	Electrification)	from Select from Drop Down Select from Drop Down			asset in the MAL (Master Asset List) e.g., CADD No.,	recession bridge coperationium	Document e.g., T1, T2, North Track	No. etc.)		Class			
	Example - Tests Example - As-Built Drawings	Sub.312 - Concrete Ties Submission - ApprovaLpdf Code Rack & Bungalow Layout	Bala	23	Tracks	Operations and Maint Manual As-Builts Signal Plans Drawing	Design Criteria Centralized Traffic Control	pdf Final	Sub.312 GS-0.80-28	Concrete Ties	T6, T7, T8 L Kirby Plant T6, T7, T8	Shop Drawing - Work Docume	ent				
			nee.	Ė	Ograd_Communication	As-basa organi i mila brunning	Octobal Control	pos ·	00-00-20	CO HOMO! HOM CONTIC	10,17,10						
	As-Built Drawings																
										_							
	Certificates																
	Cerminates																
	Contract																
-																	
												<u> </u>					
	General																
												+					
	IFC Drawings																
	Letter from Consultant																
	Manuals																
	Permits																
								1									
	Reports																
	Software																
										-		1					
	Spare Parts List (Signals & Tracks	3)															
												<u> </u>					
												1					-
	Structure Maintenance Requireme	ents															
					-						 	1					
	Suppliers Contact List																
	Tests																
	Warranty									·							
											 	+					
	1	1	L				1	L	1		1	1	1		l	l	

≥ METROLINX

Asset Document Control List - Rail Corridors (Civil Structures, Signals & Communication, Tracks, Electrification & Plant)

COSI-BIET FREMODI
VERSION TO BE ADMINISTRATION 21, 2024

Developed by: Asset Lifecycli Inout F]																			
	Responsible	Responded Contractor / Project Delivery Team															PDT Document Controller	Asset Owner			Asset Owner Document Controller
	Headers	Document Name	Sub-Division	Miles	ige	Discipline / Asset Class			Document				Asset		Track Number	Other info, if applicable	Document uploaded to staging area	Electronic Maintenance Management System	Document Governance		Document Processed to EDRMS with
			From To		То		Category	Content Type	Sub Content Type	Format	Version	Reference field	Description	Ů		Notes		Asset ID / Barcode ID			Document Nomenclature
Rece	Document Category cords are grouped by type as	Enter the name the document is saved as. Every document being handed over must be listed.	Select from Drop Down	If Fixed Asset, Marker, if Lines	note Mileage ir asset, note	Drop Down	Select from Drop Down	Select from Drop Down	Select from Drop Down	e.g., JPEG, CAD, pdf	No.	as assigned by the Project	Turnout, LED Signal Housing,	Select from Drop Down	Number if	Additional Information (e.g., As Installed Drawings, Design, As	Indicate the date completed	Generated in EMMS or	Approver: Asset Class Lead Name	Date of Approval	Confirm that document is processed to final location
indice (Ins	icated in the Grey rows below. nsert rows as needed to add	Example: If documents are being provided as zip file		Spe	in	(Civil, Signals, Tracks, Electrification)						asset in the MAL (Master	Pedestian Bridge Superstructure		Associated with Document e.g., T1, T2,	Built, IFC, Manuals, Asset Tag No. etc.)		Barcode provided by Asset Class			
	documents)	or a combined drawing set then each individual document within must be listed.										Asset List) e.g., CADD No., File Geo Database Reference			e.g., T1, T2, North Track,						

Asset Document Control List - Station Facility CKH-ASMT-FRM-002 Version: 09 Revision Date: January 31, 2024 Developed by: Asset Lifecycle Management

Svision Date. January 51, 2024	
eveloped by: Asset Lifecycle Management	
Input Final ADCL date	

Date	apper y may root, dated																		
	Responsibl	е				Contr	actor / Project De	elivery Team			PDT Document Controller		Asset Ow	ner	Asset Owner Document Controller				
	Header	s		1	Documen	t .			Asse	t		Space	e	Other info, if applicable		Electronic Maintenance			
	_	Document Name	Format	Version	Content Type	Sub Content Type	Engineering Type	System/Subsystem	Class of the System/Sub System	Reference field	Description		ace) that this asset belongs to	Notes	Document uploaded to staging area	Asset ID / Barcode ID	Location ID	Document Governance	Document Processed to EDRMS with Document Nomenclature
Instructions	Document Category Records are grouped by type as indicated in the Grey rows below (Insert rows as needed to add documents)	Enter the name the document is <u>saved as</u> . Every document being handed over must be listed. v. Example: If documents are being provided as zip file or a combined drawing set then each individual document within must be listed.	The format the file is being submitted (e.g., PDF, CAD, software, etc.)	e (e.g., New, d Revision No.)	Select from Drop Dowr	Select from Drop Down	Select from Drop Down	Select from Drop Down	Select from Drop Down	Indicate the unique identifier as assigned by the Project Team to link documents to the asset in the Master Asset List (e.g., CADD No., File Geo Database Reference)	Describe the Asset e.g., Platform Snow Melting System, Double Swing Automatic Door,	, Select from Drop S Down	Select from Drop Down	Additional Information (e.g., As Installed Drawings, Design, As Built, IFC, Manuals, Asset Tag No. etc.)	Indicate the date completed	Generated in EMMS or Barcode provided by Asset Class	To be generated only if the document is associated to a location e.g., L-CKGO-E-STAT- F1-11	Approver: Asset Class Lead Name	al Confirm that document is processed to final location (Y)
	Example - As-Built Drawings Example - Warranty	YS-211 Pump Station Structural.dwg Warranty_Fire Pump.pdf	DWG PDF		Drawing Warranty	Redlines NULL	Structural Mechanical		Fire Protection System Fire Protection System	YS-211 FP-001			chanical Room						
	- Complet Wallany	warang_ nov amp.par			Transing .	Mocc	Moditarioa	THO TOOSEST	THE TREE CONTROL OF CONTROL		The tamp	Dallaring Into	onanioa (toom						
	As-Built Drawings																		
	Certificates																		
	Contract																		
	General																		
	IFC Drawings																		
	Letter from Consultant																		
	Manuals																		
	Mende																		
	Reports																		
						-													
	Software																		
	Surplus Spare Parts																		
	Tooto																		
	Tests																		
	Warranty																		
			1	1															