

# Exploring the impacts of Metro Vancouver Capital Projects on Member Jurisdictions

Port Mann Water Supply Tunnel Shaft

## Workshop Series: Mitigation Practices Related to Metro Vancouver's Delivery of Capital Projects - Workshop #1

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MV Conference Day - May 12, 2023  
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**metrovancouver**

# AGENDA

- Meet our workshop facilitator – Diana Bulley
- Workshop Opening Remarks
- Introduce the process to develop a mitigation framework
- Explore the impacts of Metro Vancouver Capital Projects on Member Jurisdictions
- Share the Capital Projects Guide



# Opening Remarks - Cheryl Nelms

148<sup>th</sup> Street Water Main Construction Site



# METRO VANCOUVER

**21** Municipalities

**1** Electoral Area

**1** Treaty First Nation

GVS&DD Act

GVWD Act

Local Government Act

Community Charter



Delivering regional utility services and infrastructure at a scale that is more efficient than if each member jurisdiction delivered the services separately

# REAC WORKING GROUP

**Goal:** Discuss and recommend guidelines to promote consistency in how Metro Vancouver projects are processed within member jurisdictions.

## **Working Group participants:**

- Four municipalities - Coquitlam, District of North Vancouver, Surrey, and Vancouver
- Metro Vancouver - Water Services, Liquid Waste Services, Project Delivery, External Relations

# REAC WORKING GROUP DISCUSSION OUTCOMES

01

Ideas and solutions  
the group agreed on

02

Items the group did  
not reach  
agreement on

# 01

Ideas and solutions the group agreed on

Idea	Status
Utility Capital Projects Guide	Drafted
Improved coordination and communication process with members	Started with New Westminster and Burnaby
Project tendering and procurement improvements	Being implemented
Impact Mitigation Framework	In development

# 02

Items the group  
did not reach  
agreement on

- How to consistently calculate permit fees and DCCs
- How to mitigate the impacts of utility capital projects in their jurisdictions over the project lifecycle



# THE NEED FOR AN IMPACT MITIGATION FRAMEWORK

- Clarify expectations for how Metro Vancouver and member jurisdictions work together to deliver regional infrastructure
- Standardize the process for assessing and mitigating the impacts of utility capital projects on member jurisdictions
- Reduce risk and uncertainty related to the delivery of Metro Vancouver utility capital projects which in turn reduces impacts on costs and schedules

# DEVELOPING AN IMPACT MITIGATION FRAMEWORK

## REAC WORKSHOP SERIES

Workshop 1- May 12	Workshop 2 - TBD	Workshop 3 - TBD
<p><b>Purpose:</b> Explore the impacts of MV capital projects on member jurisdictions</p>	<p><b>Purpose:</b> Share tools and approaches for identifying impacts and improving intergovernmental coordination</p> <p>Build a framework for mitigation practices (guiding principles, impact assessment tool, defining mitigation)</p>	<p><b>Purpose:</b> Revise and finalize the framework for mitigation practices</p>
<p><b>Outcome:</b> Establish a shared understanding of the impacts of capital projects</p>	<p><b>Outcome:</b> Identify elements of an equitable framework</p>	<p><b>Outcome:</b> Framework for mitigation practices to be presented to RAAC, and Metro Vancouver Boards</p>

# GUIDING PRINCIPLES

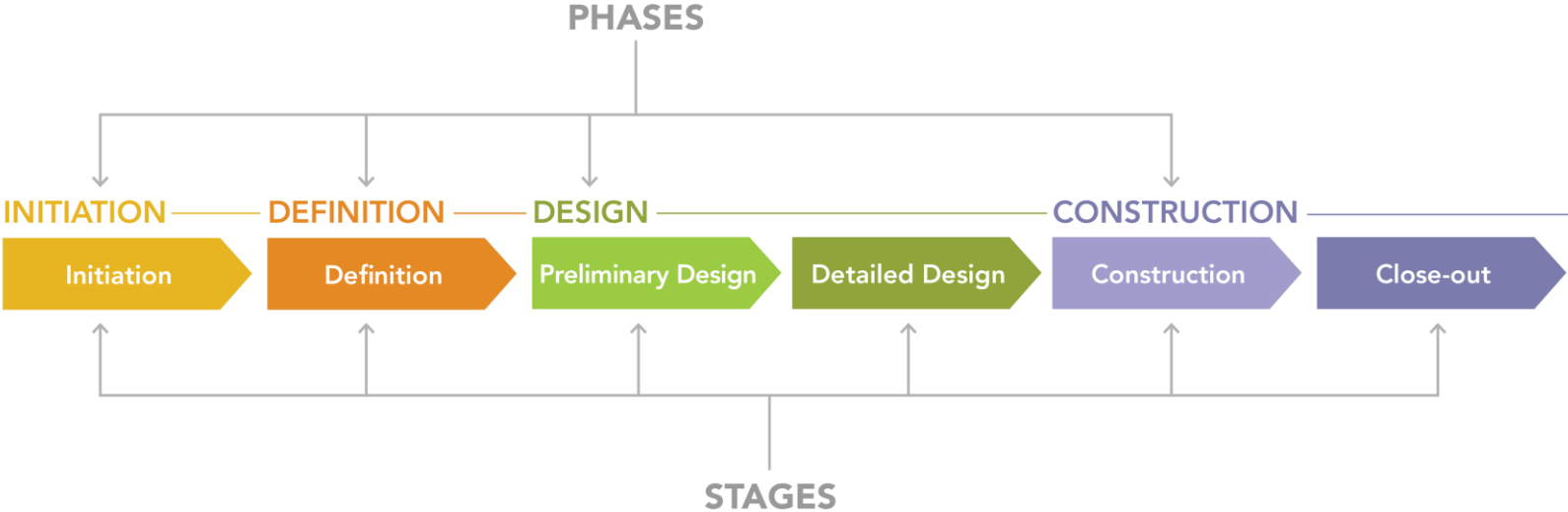


# Part 1: Exploring the Impacts of Metro Vancouver Capital Projects on Member Jurisdictions

Northwest Langley Wastewater Treatment Plant Construction



# LIFECYCLE OF A METRO VANCOUVER CAPITAL PROJECT



# IMPACTS OF CAPITAL PROJECTS



# Part 2: Introducing the Utility Capital Projects Guide



# SCOPE OF THE CAPITAL PROJECTS GUIDE

- The guide presents the capital project process that applies to **most** projects
- Describes the phases and stages that most projects have in common, **not** exceptions
- Describes **current practices only**, not desired or future state.
- Refers to utility capital projects for water, liquid waste, and solid waste

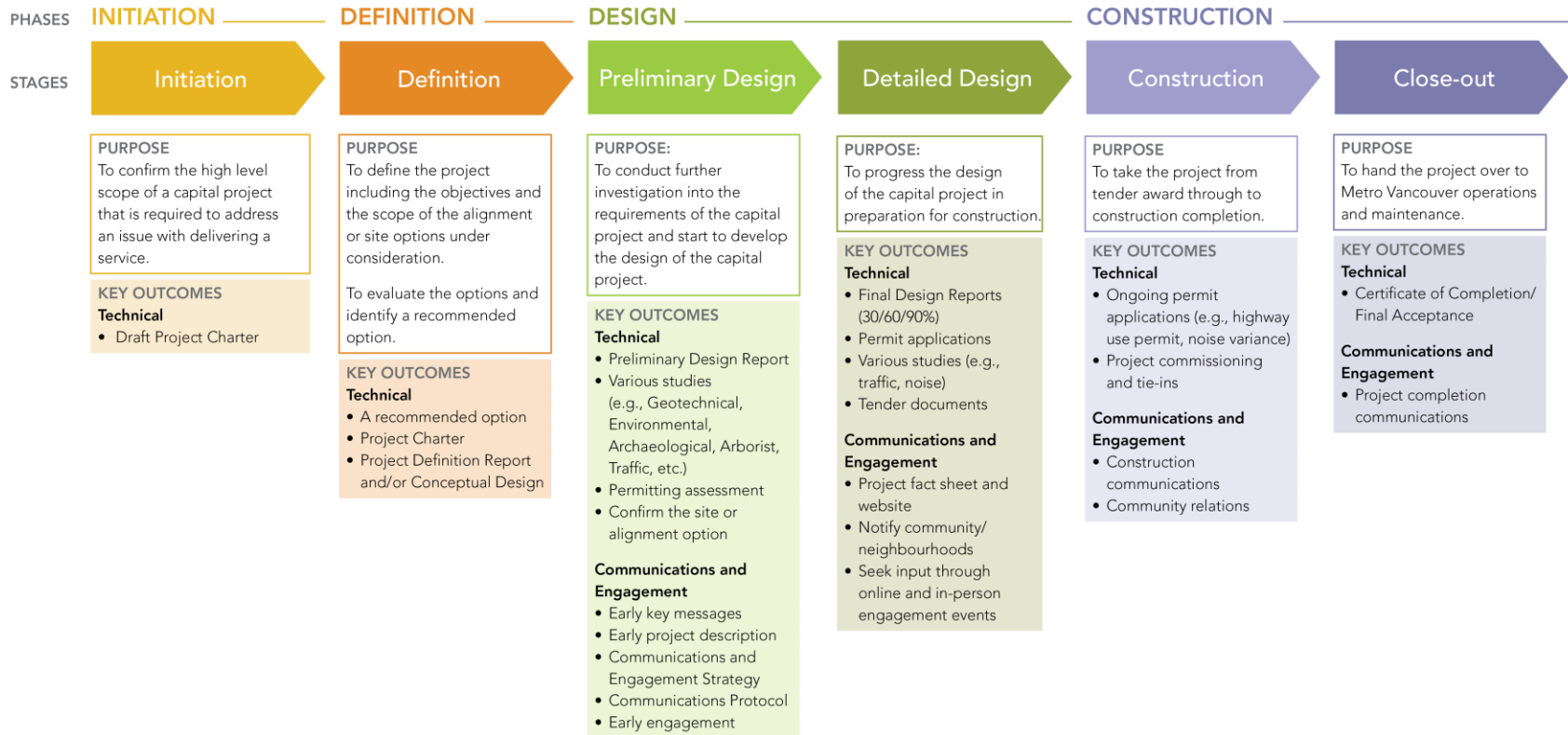


# PURPOSE OF THE GUIDE

- Describes the **lifecycle** of a Metro Vancouver utility capital project
- Identifies the **key responsibilities** for Metro Vancouver and member jurisdiction staff
- Provides a **high-level, consistent, and transparent roadmap** that will help member jurisdictions plan their involvement in a Metro Vancouver utility capital project

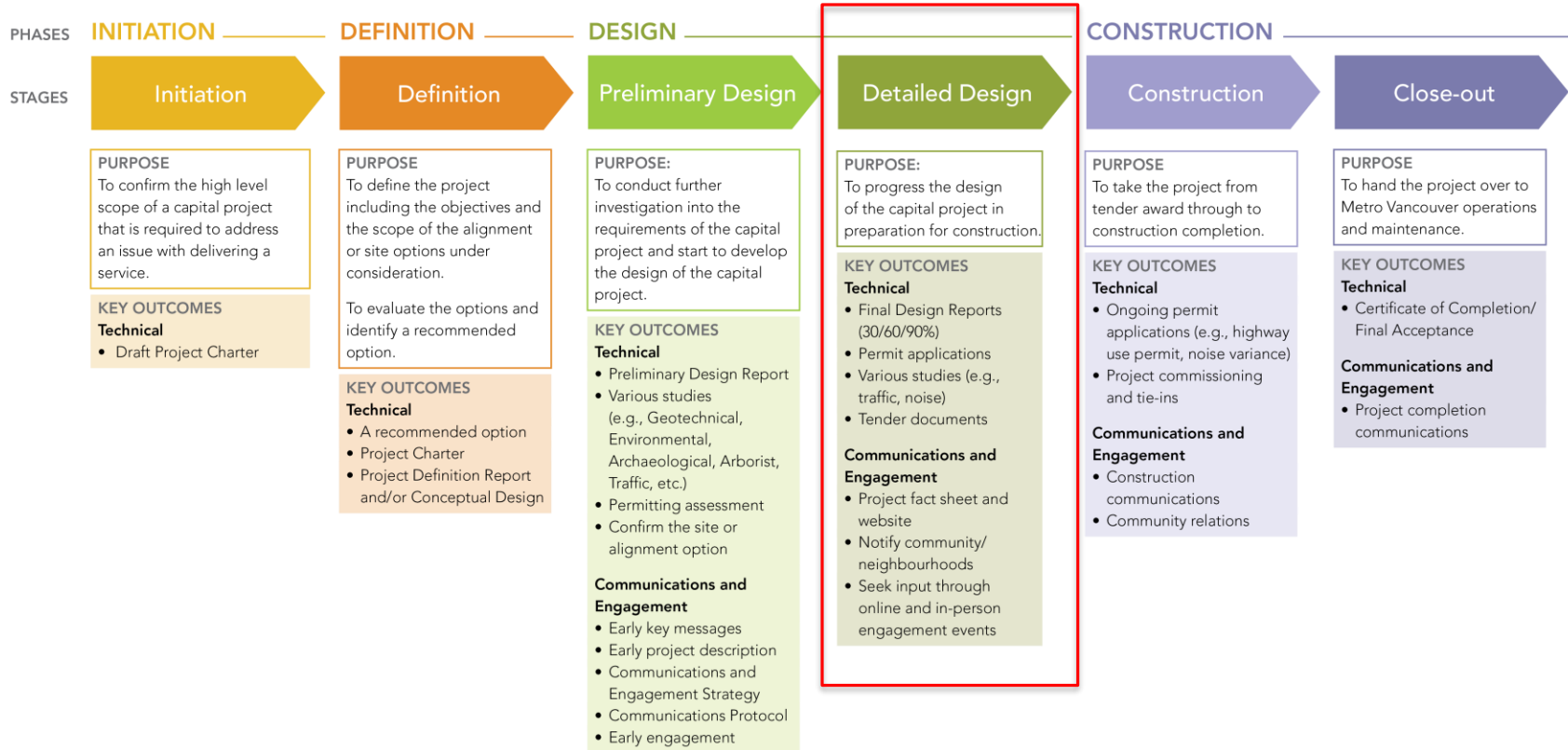
# LIFECYCLE OF A METRO VANCOUVER UTILITY CAPITAL PROJECT

## GUIDE EXCERPT – PAGES 8 & 9



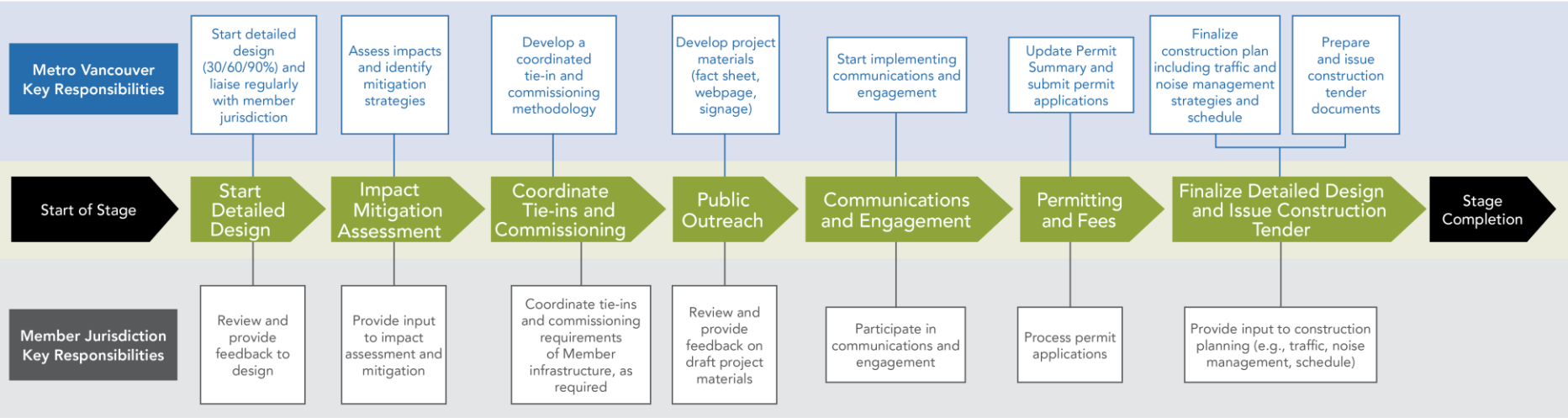
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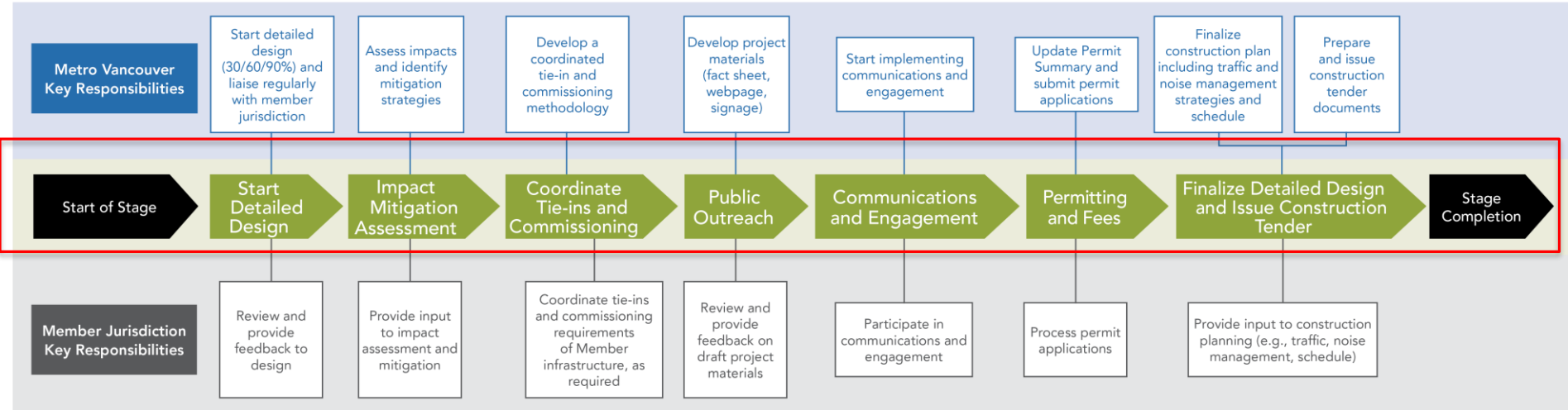
# LINKED ACTIVITIES DURING DETAILED DESIGN

## GUIDE EXCERPT – PAGES 18 & 19



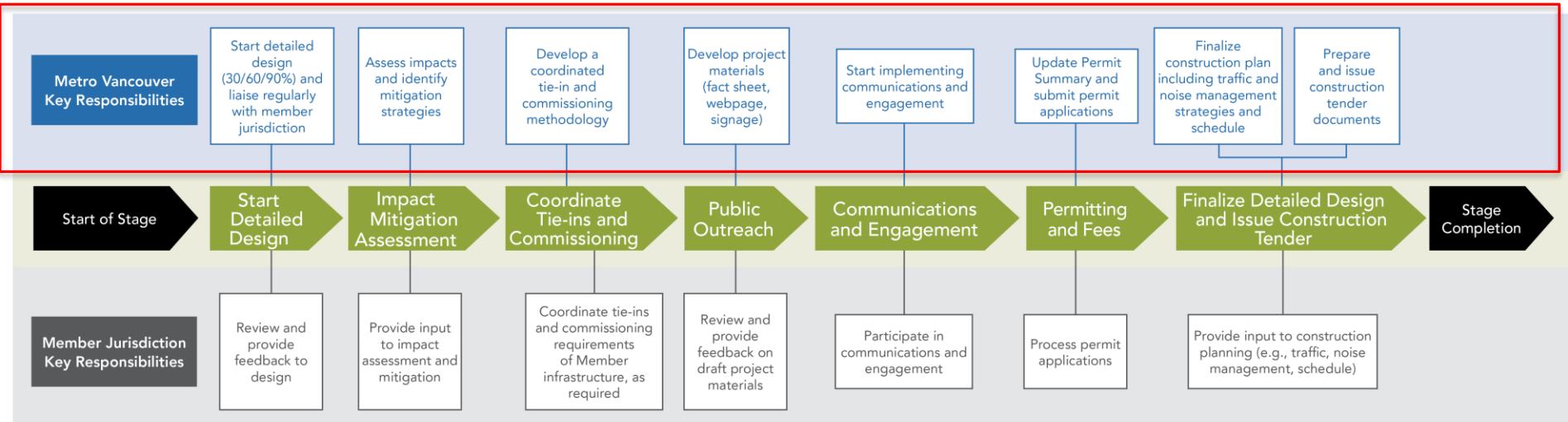
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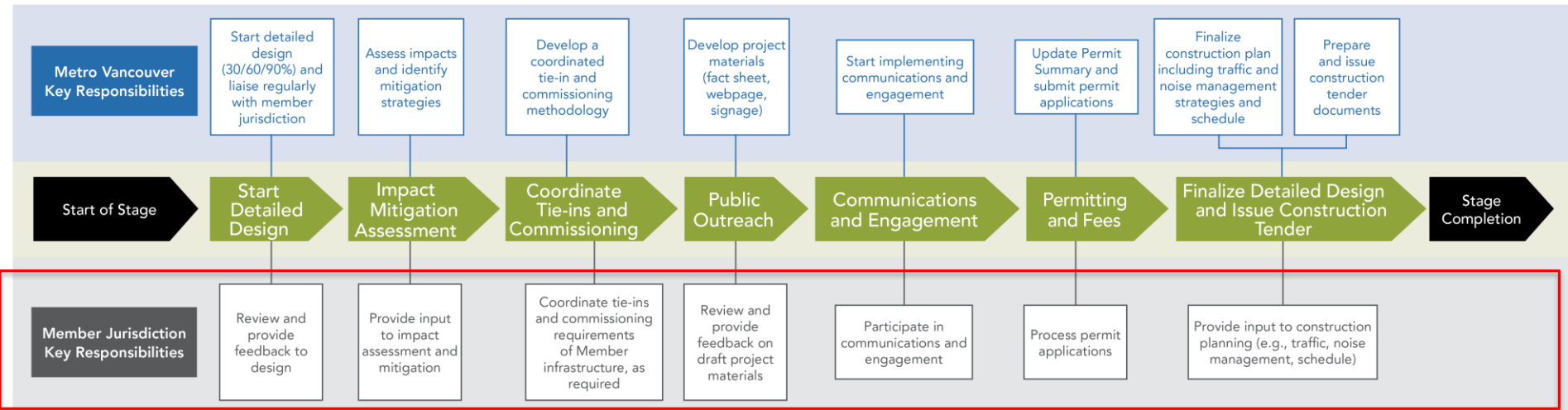
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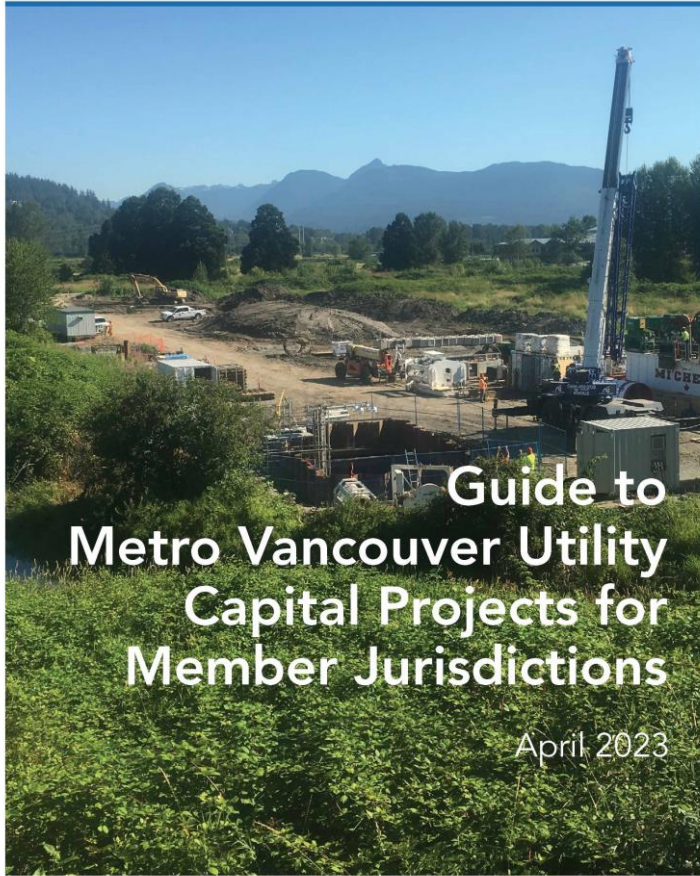
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## Table of Contents

Introduction .....	4
Metro Vancouver Utility Capital Projects .....	6
Identifying Utility Capital Projects .....	6
The Lifecycle of a Metro Vancouver Utility Capital Project .....	8
Metro Vancouver and Member Jurisdiction Roles on Capital Projects .....	10
Linked Activities by Project Stages .....	11
Initiation .....	12
Definition .....	14
Preliminary Design .....	16
Detailed Design .....	18
Construction .....	20
Close Out .....	22



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Barnston Maple Ridge Pump Station

Thank you

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