





# **Status Update on Interlake Tunnel and Spillway Modification Project**

**July 26, 2016**





# Agenda

1. Progress To Date
  - Recent Accomplishments
2. Schedule Update
  - Program schedule
  - 5 month look ahead
3. Cost Status
  - Expenditures to date / cash flow forecast
  - Program budget
4. Critical activities / potential issues



# Recent Accomplishments

## 1. Environmental

- Scoping meeting comments consolidated and incorporated in EIR development plan
- Revisions to Project Description underway
- Field and desk top environmental surveys initiated
- Meeting with Tribal representatives held on June 14th

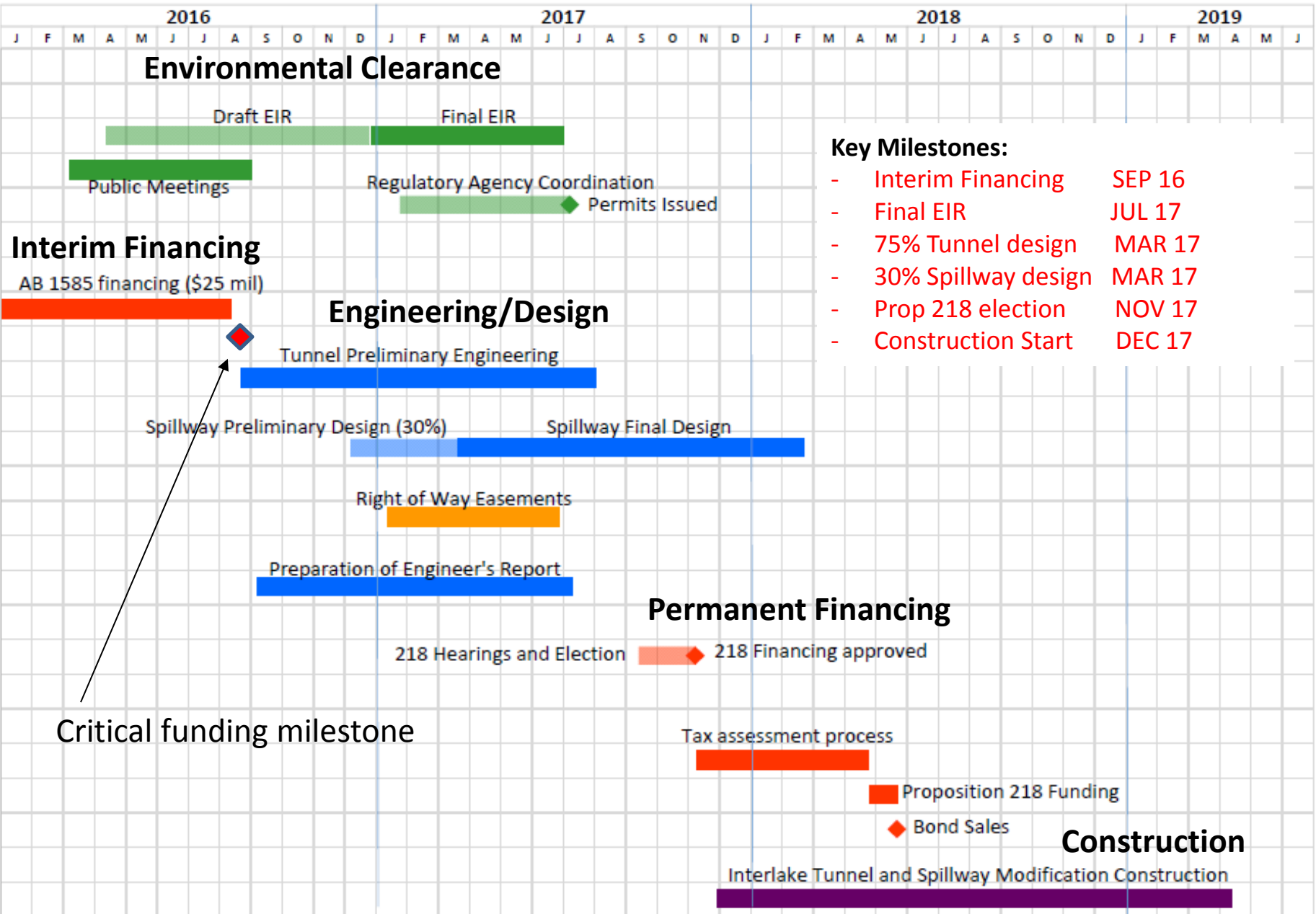
## 2. Engineering

- Proposals received for areal topographic surveys
- Workshop conducted on July 15<sup>th</sup> to refine Project Description relative to tunnel operations modeling.

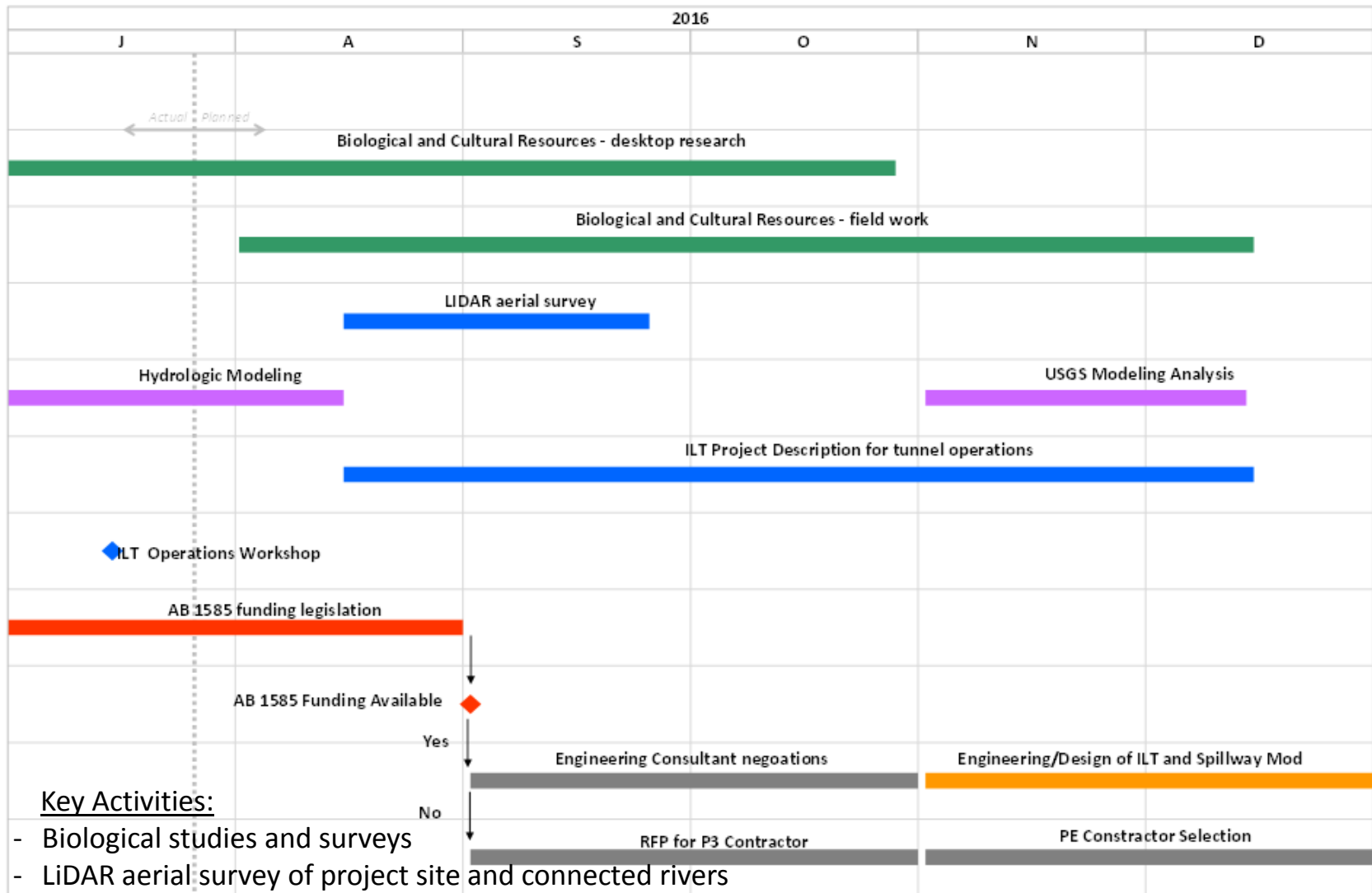
## 3. Rights of Way

- MCWRA Board Resolution to address protection of water supply for properties adjacent to tunnel alignment.
- July 14<sup>th</sup> meeting with property owners in vicinity of the tunnel to address concerns about water supply protection and the need for subsurface easements.

# PROGRAM SCHEDULE



# 5 Month Look Ahead Schedule



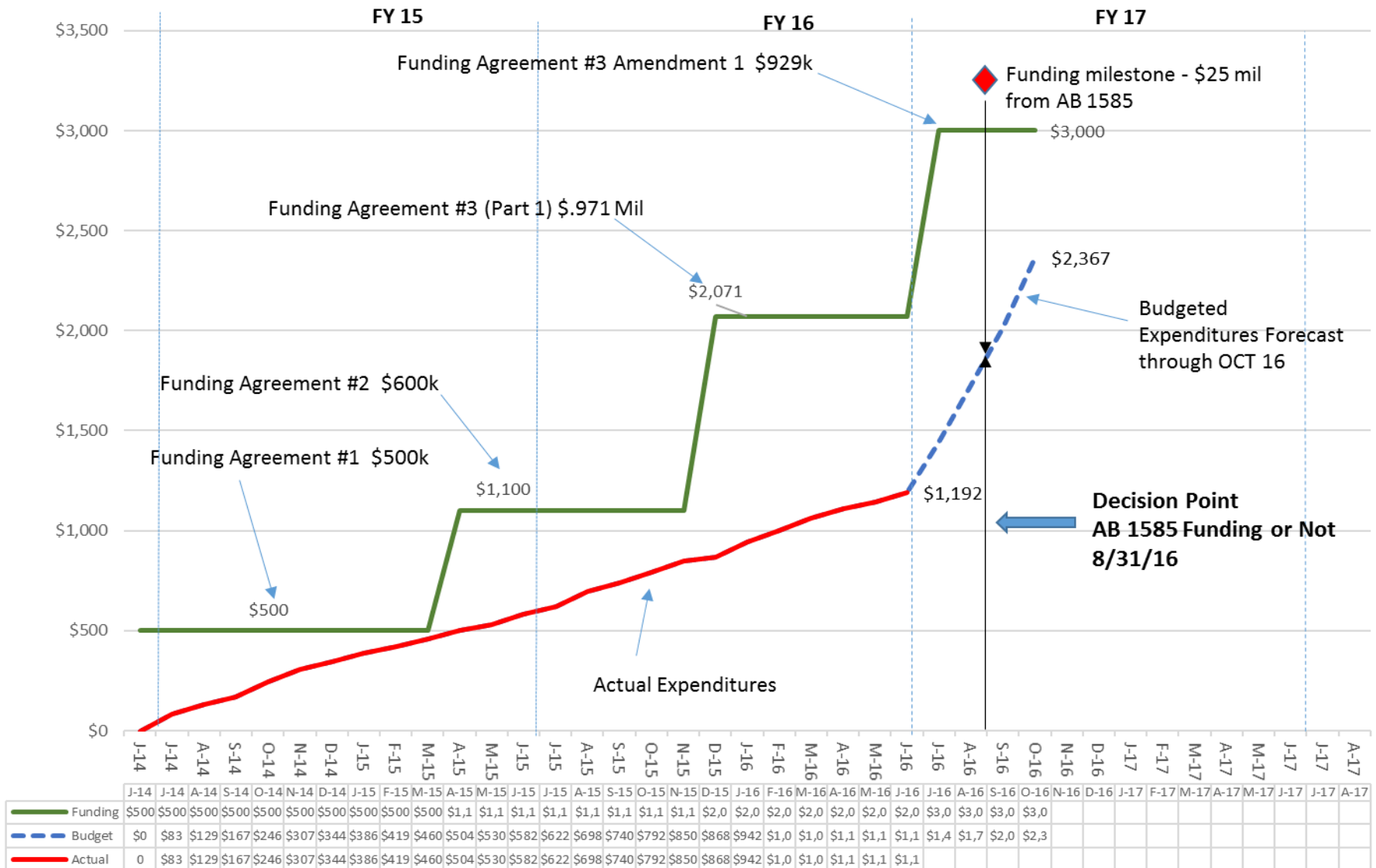
## Key Activities:

- Biological studies and surveys
- LiDAR aerial survey of project site and connected rivers
- Finishing hydrologic modeling scenarios and project description
- Funding for engineering and design



# Interlake Tunnel and Spillway Modification Cumulative Cash Flow

As of 7/16/16



# Program Budget (no changes)

## Interlake Tunnel and Spillway Modification Capital Cost Estimate

9-Jun-16

### Description

### Costs (\$000)

#### Project Development Costs

Conceptual Engineering	\$1,110
Environmental and Permitting	\$1,738
Interlake Tunnel Engineering	\$2,095
San Antonio Spillway Engineering	\$1,914
Right of Way Easements	\$244
DB RFP Assistance	\$37
Proposition 218 Financing	\$431
Program Management	\$1,865
Environmental/Engineering Contingency	\$490

<b>Subtotal - Project Development Costs</b>	<b>\$9,924</b>
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#### Construction Costs

Tunnel	\$32,506
Fish Screen	\$5,000
Spillway Modification	\$15,000
Construction contingency	\$9,800
Construction Management	\$1,200
Capitalized interest during construction	\$4,800

<b>Subtotal Construction Costs</b>	<b>\$68,306</b>
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<b>Total Project Cost Estimate</b>	<b>\$78,230</b>
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# Critical activities / potential issues

1. Securing \$25 million state funding from AB 1585
  - Legislation reduced to \$10 million
  - No source of funding identified
  - Uncertain availability of funding
2. Implementation of alternative financing plan if AB 1585 fails to provide adequate funding
3. Completion of hydrologic basin USGS model by Nov. 30, 2016
  - Final Project Description for EIR – Dec 15, 2016
4. Initiate engineering/design of tunnel and spillway mod Nov. 1, 2016 (dependent of funding)

