

Mouse River Enhanced Flood Protection Project  
Phase WC-1A – Tierrecita Vallejo  
Public Information Meeting  
July 22, 2021



# Introduction

**Owner:**           **Souris River Joint Water Resource Board**



**Engineering Team:**   **Barr Engineering / Ackerman-Estvold**



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**Contractor:**

Matt Guerton, Wagner Construction Inc.



# Introduction

## Public Information Coordinator:

Sabrina Herrmann

[sabrina.herrmann@ackerman-estvold.com](mailto:sabrina.herrmann@ackerman-estvold.com)

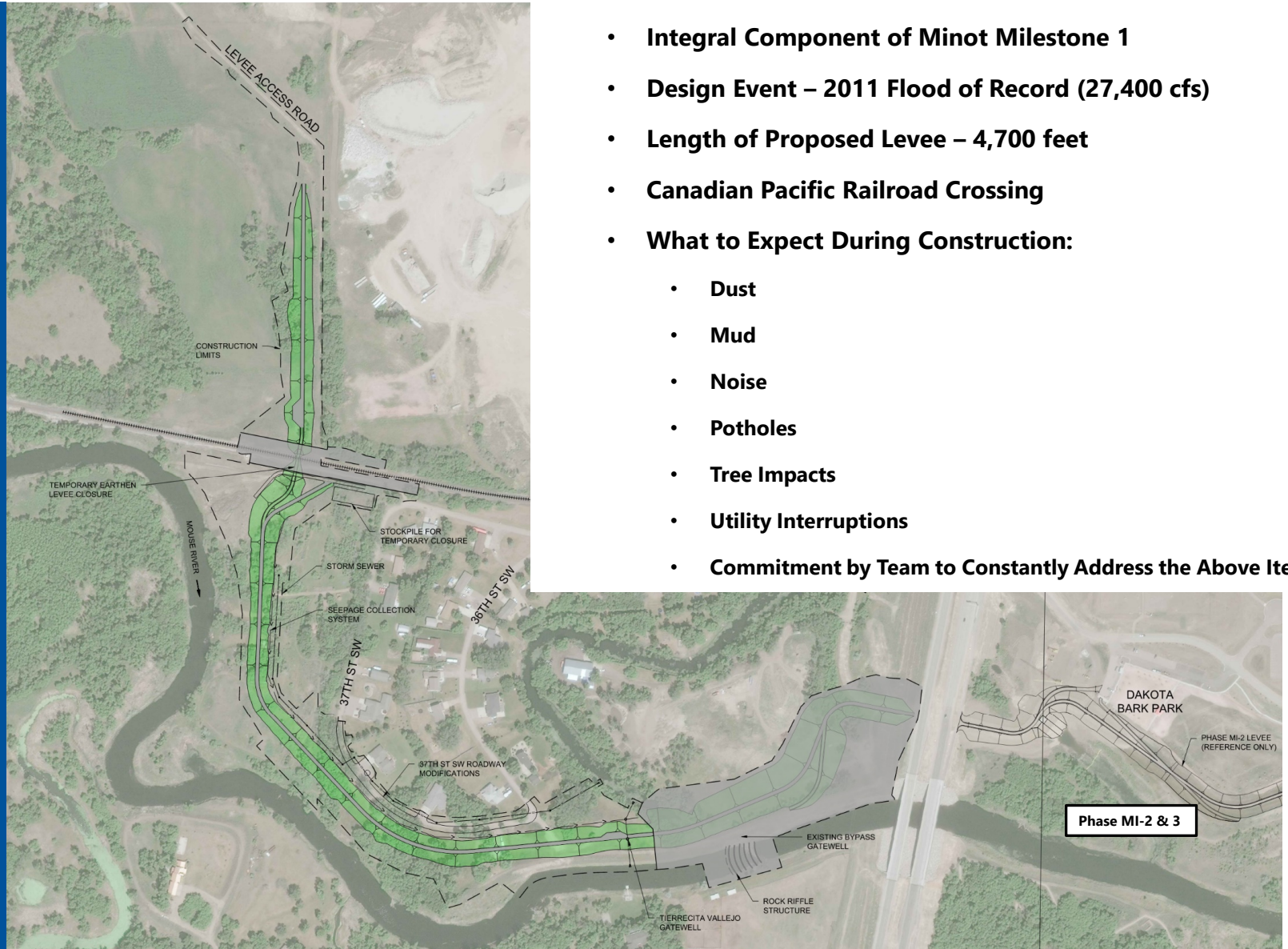
[info@mouseriverplan.com](mailto:info@mouseriverplan.com)

(701) 857-9115





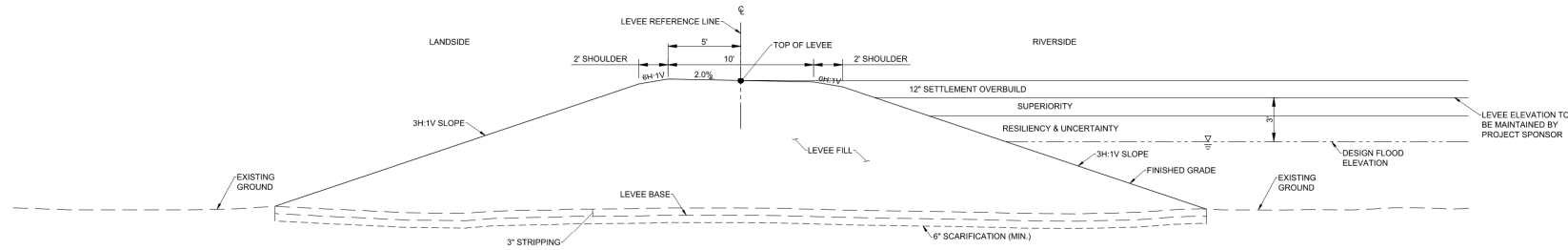
# Project Overview



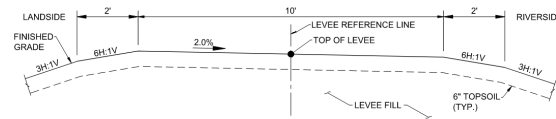
- **Integral Component of Minot Milestone 1**
- **Design Event – 2011 Flood of Record (27,400 cfs)**
- **Length of Proposed Levee – 4,700 feet**
- **Canadian Pacific Railroad Crossing**
- **What to Expect During Construction:**
  - **Dust**
  - **Mud**
  - **Noise**
  - **Potholes**
  - **Tree Impacts**
  - **Utility Interruptions**
  - **Commitment by Team to Constantly Address the Above Items**



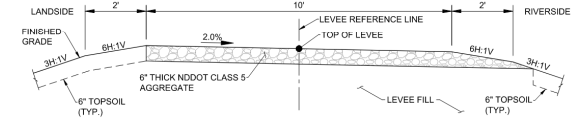
# Proposed Cross- Sections



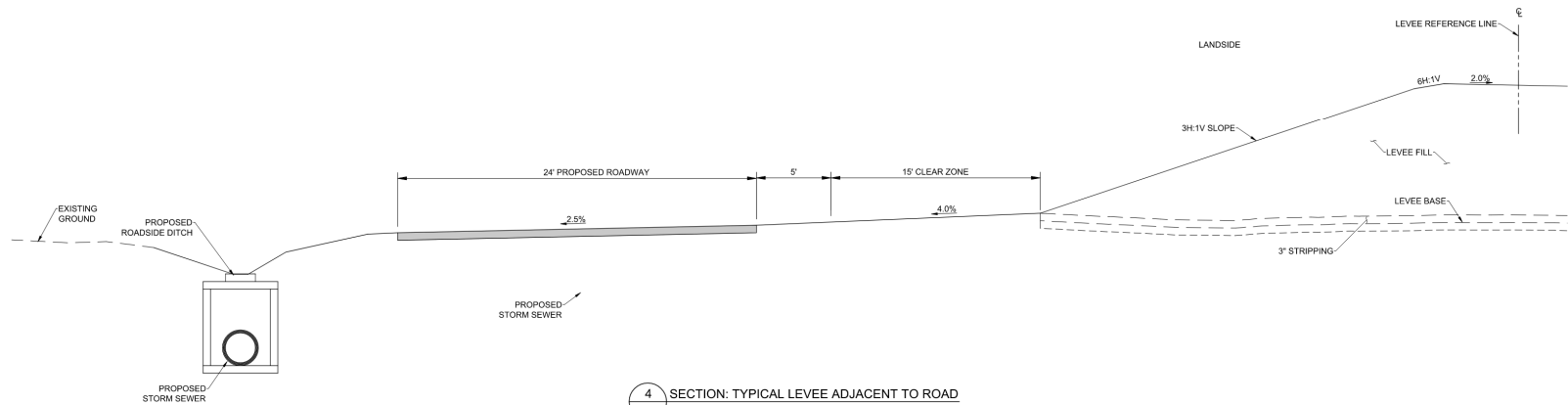
1 SECTION: TYPICAL LEVEE  
NOT TO SCALE



2 DETAIL: TURF SURFACE ON LEVEE CREST  
NOT TO SCALE

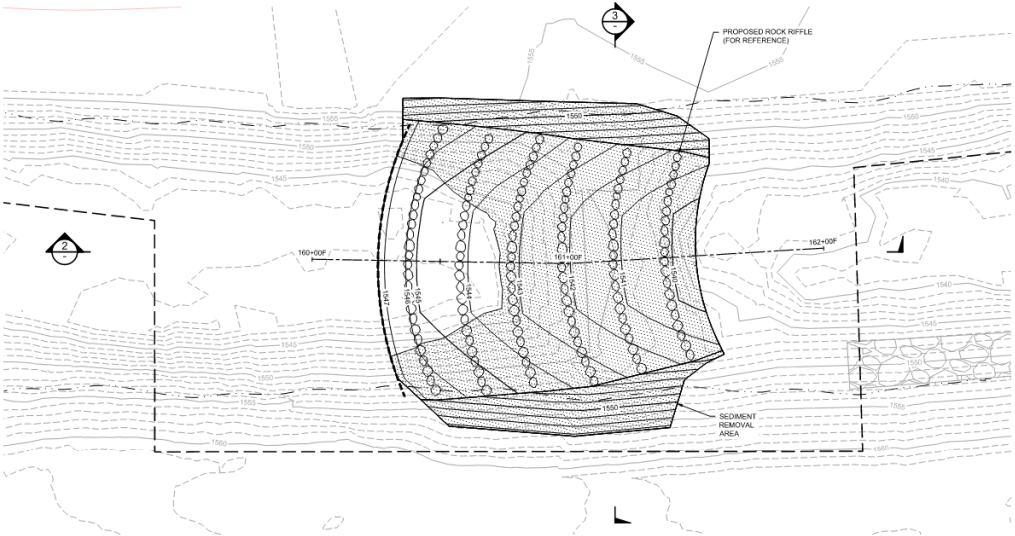
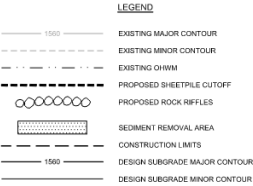


3 DETAIL: GRAVEL SURFACE ON LEVEE CREST  
NOT TO SCALE



4 SECTION: TYPICAL LEVEE ADJACENT TO ROAD  
NOT TO SCALE

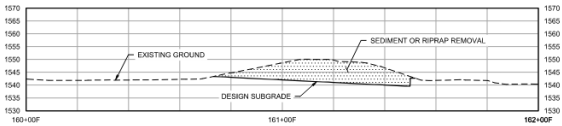
# Rock Riffle



**1 PLAN: SEDIMENT REMOVAL**

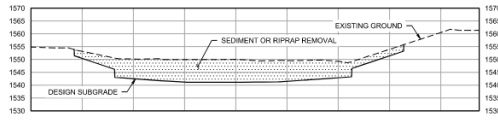
0 20 40  
SCALE IN FEET

- NOTES**
1. SEDIMENT REMOVAL EXTENTS SHOWN REPRESENT THE MINIMUM EXCAVATION REQUIRED TO ACHIEVE THE DESIGN SUBGRADE ELEVATIONS. ADDITIONAL SEDIMENT OVER EXCAVATION MAY BE NECESSARY TO CONSTRUCT THE PROJECT. ALL SOFT SEDIMENT WITHIN THE ROCK RIFFLE STRUCTURE FOOTPRINT AND IMMEDIATELY UPSTREAM OF THE EXISTING GRADE CONTROL STRUCTURE SHALL BE REMOVED AND IS INCIDENTAL. BOTTOM OF SEDIMENT REMOVAL SURFACE SHALL BE APPROVED BY ENGINEER IN THE FIELD PRIOR TO PLACING GEOTEXTILE FABRIC AND GRANULAR FILTER FOR RIFFLE CONSTRUCTION.
  2. PLACE ENGINEERED FILL IN ANY OVER-EXCAVATED AREAS TO ACHIEVE DESIGN SUBGRADE ELEVATIONS.
  3. SEE SPECIFICATION SECTION 31 37 00 - ROCK RIFFLE STRUCTURE FOR ADDITIONAL REQUIREMENTS FOR SEDIMENT REMOVAL, DEWATERING AND DISPOSAL.



**2 PROFILE: SEDIMENT REMOVAL**

0 20 40  
SCALE IN FEET



**3 SECTION: SEDIMENT REMOVAL (TYPICAL)**

0 20 40  
SCALE IN FEET

# Rock Riffle

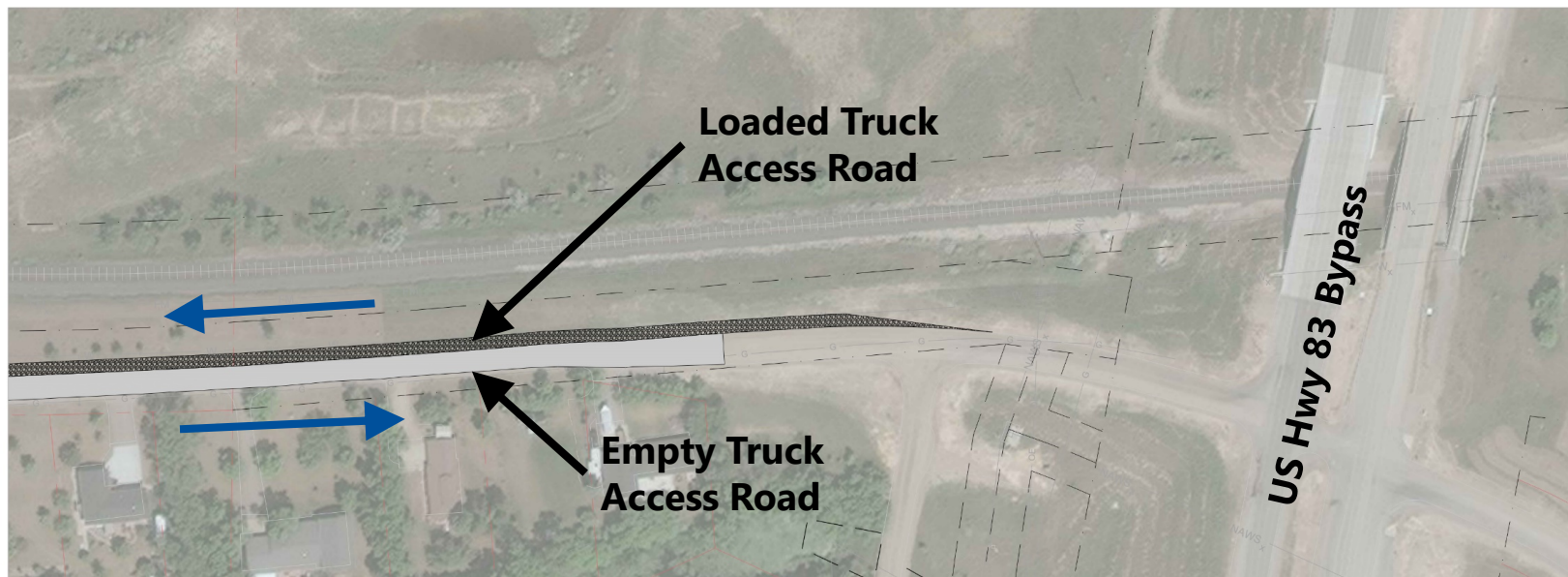




# Proposed 37<sup>th</sup> St Work



# Proposed 5<sup>th</sup> Ave Work



# Project Schedule

Milestone	Date
Construction Start	August 2, 2021
Substantial Completion	September 30, 2022
Final Completion	October 28, 2022

These dates are based on the initial phase of construction. The final phase of construction in Tierrecita Vallejo will include the levee on the southeast side of the neighborhood and work along the Canadian Pacific Railroad tracks. Construction on the final phase of construction is expected to begin in the fall of 2021 and be completed by the summer of 2023.



Questions?

