WELCOME

Central Street Bridge Project
Public Meeting
May 25, 2017
Lorraine H. Morton Civic Center
PROJECT BACKGROUND

- Constructed by MWRD in 1908
- Transferred to the City of Evanston
- Rehabilitated in 1975
- 2014 Bi-Annual Bridge Inspection
2014 BRIDGE INSPECTION

- Severe deterioration of the columns
- Core concrete loss
- Compromising the load carrying capacity
LOAD POSTING

• April 2015 Load Posting
  - Weight Limit 15 Tons

• October 2015 emergency repairs completed

• November 2015 – Weight restrictions removed
EMERGENCY REPAIR

DETERIORATED COLUMNS

STEEL COLLAR
FHWA PROCESS

STP Bridge Grant

JULY 2015

2016-2017

PHASE I

- Preliminary Engineering & Environmental Study

2018

PHASE II

- Contract Plan Preparation
- Land Acquisition

2019*-2020

PHASE III

- Construction
STAKEHOLDER INVOLVEMENT
PUBLIC COORDINATION

Evanston Terraces 12/02/2016
➢ Concerns over Construction Staging
➢ Construction Parking Restrictions
➢ Pedestrian Access During Construction

North Shore University Hospital 02/22/2017
➢ Construction Zone Emergency Vehicle Access
➢ Vibration & Construction Dust

7th Ward Meeting 03/08/2017
➢ Concerns over Construction Staging
➢ Emergency Vehicle Access
➢ Aesthetics

Canal Shores Meeting 03/16/2017
➢ Impacts to Golf Course Operation
➢ Landscaping
STAKEHOLDER INVOLVEMENT
AGENCY COORDINATION

Illinois Department of Transportation 08/23/2016
- Project Kick-off Scoping meeting

MWRD Engineering 10/27/2016
- Project Scope
- Technical Review
- MWRD Permit

FHWA/BDE Coordination 02/07/2017
- Purpose and Need
- Project Limits
- Project Scope
- Design Variances
STAKEHOLDER INVOLVEMENT
AGENCY COORDINATION

IDNR Coordination 04/06/2017
  Project Introduction
  IDNR/Army Corps Joint Permit for In-Stream Work

MWRD Legal 04/19/2017
  Fee Simple Land Acquisition
  Construction Easement/Staging Permit

Technical Advisory Group Meetings Various
  Technical Review by City Staff
BRIDGE CONDITION REPORT

• Document Current Condition

• Develop a Preliminary Scope of Work
  o Rehabilitation or Replacement

• Establish Design Features
  o Structure Width
  o Stage Construction Feasibility
PLAN

PROPOSED REHABILITATION AREAS
COLUMN REPAIR

• Misaligned
• Emergency Rehabilitation
EXISTING

Three Spans

PROPOSED

Single Span
EXISTING BRIDGE TYPICAL SECTION
STAGE I DEMOLITION
STAGE I CONSTRUCTION
STAGE II DEMOLITION
PREFERRED ALTERNATIVE
QUESTIONS?