



**US Army Corps  
of Engineers ®**

## Site Visit Summary

Name of System: Hammond

Name of Segment: Hammond

NLD System ID: 2605000009

NLD Segment ID: 2604000008

Segment Type: USACE Federally constructed, turned over to public sponsor for operations and maintenance

Levee Sponsor (Name and Organization): Little Calumet River Basin Development Commission

Field Trip Report Prepared by: Chris Schaal

Date of Site Visit: 06/05/2023 - 06/09/2023

### Other Segments Within This System

Segment Name	NLD Segment ID#	Segment Type

### Site Visit - Team Members (Levee Sponsor, USACE, and others)

Name	Organization	Discipline	Phone Number
Yuki Galisanao	USACE - Chicago District	Geotech	
Chris Schaal	USACE - Chicago District	Geotech	
Mike Cook	USACE - Chicago District	Geotech	
Jonathan Lombardi	USACE - Chicago District	Mechanical	
Wally Kolodzig	HSD		
Alan Jaski	USACE - Chicago District	Electrical	
Ricky Wilcox	HSD		
Dan Repay	LCRBDC		
Brian Sweeney	USACE - Chicago District	Civil	
Jonathan Janik	HSD		
Eddie Bonda	Hammond PW		
Dean Botton	Hammond PW		

Frank Sarang	Hammond PW		
Mark Gordis	Hammond PW		

**Summary of Site Visit:** *[Summarize pertinent discussions with sponsor regarding levee conditions, O&M activities, etc. and describe notable observations or changed conditions since the last site visit or inspection]*

The sponsor and community are performing O&M. There are minor issues with trees and tall vegetation, encroachments, slope stability, bank erosion, rutting, depressions, animal burrows, spalling and cracking, deteriorating joint sealant, vegetation/silt/debris at the gate stations, damaged guardrails, a hole in an RCP connected to a duckbill, missing or outdated safety labels, corrosion, a gate stuck closed, and minor structural issues at pump station buildings.

## Observations and Photos



Category:	General Items	Item:	Emergency Supplies a
Observation ID:	2023-0226		
Description:	Several pallets of sandbags at 601 Conkey, Public Works garage. Visqueen in a shed in the garage.		
Caption:	0226 - No User Rating (Site Visit) - Several pallets of sandbags at 601 Conkey, Public Works garage. Visqueen in a shed in the garage.		
Lat/Long:	41.60251/-87.51439		



Category:	General Items	Item:	Emergency Supplies a
Observation ID:	2023-0230		
Description:	Blocks stored in the Public Works lot.		
Caption:	0230 - No User Rating (Site Visit) - Blocks stored in the Public Works lot.		
Lat/Long:	41.60285/-87.51325		





Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0007		
Description:	Tall vegetation on the crest and slopes due to limited access from construction of the railroad		
Caption:	0007 - No User Rating (Site Visit) - Tall vegetation on the crest and slopes due to limited access from construction of the railroad		
Lat/Long:	41.57590/-87.51893		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0083		
Description:	Vegetation along landside toe - extends along much of levee		
Caption:	0083 - No User Rating (Site Visit) - Vegetation along landside toe - extends along much of levee		
Lat/Long:	41.57198/-87.51300		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0136		
Description:	Vegetation along riverside toe		
Caption:	0136 - No User Rating (Site Visit) - Vegetation along riverside toe		
Lat/Long:	41.57042/-87.46851		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0152		
Description:	Vegetation along riverside toe		
Caption:	0152 - No User Rating (Site Visit) - Vegetation along riverside toe		
Lat/Long:	41.56974/-87.46052		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0160		
Description:	Vegetation along landside toe		
Caption:	0160 - No User Rating (Site Visit) - Vegetation along landside toe		
Lat/Long:	41.57124/-87.44805		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0171		
Description:	Encroaching tree and debris on riverside slope		
Caption:	0171 - No User Rating (Site Visit) - Encroaching tree and debris on riverside slope		
Lat/Long:	41.56908/-87.50129		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0246		
Description:	Small trees and tall vegetation on riverside toe		
Caption:	0246 - No User Rating (Site Visit) - Small trees and tall vegetation on riverside toe		
Lat/Long:	41.56985/-87.46222		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0250		
Description:	Trees on the riverside slope and toe		
Caption:	0250 - No User Rating (Site Visit) - Trees on the riverside slope and toe		
Lat/Long:	41.56755/-87.43319		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0303		
Description:	Tree & vegetation along landside toe		
Caption:	0303 - No User Rating (Site Visit) - Tree & vegetation along landside toe		
Lat/Long:	41.56971/-87.45940		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0307		
Description:	Vegetation along landside toe		
Caption:	0307 - No User Rating (Site Visit) - Vegetation along landside toe		
Lat/Long:	41.56977/-87.45926		





Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0323		
Description:	Trees on landside toe		
Caption:	0323 - No User Rating (Site Visit) - Trees on landside toe		
Lat/Long:	41.57087/-87.44792		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0343		
Description:	Vegetation along landside toe		
Caption:	0343 - No User Rating (Site Visit) - Vegetation along landside toe		
Lat/Long:	41.57200/-87.44754		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0353		
Description:	Trees & vegetation along riverside toe		
Caption:	0353 - No User Rating (Site Visit) - Trees & vegetation along riverside toe		
Lat/Long:	41.56983/-87.46110		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0405		
Description:	Vegetation on riverside slope and toe		
Caption:	0405 - No User Rating (Site Visit) - Vegetation on riverside slope and toe - typical		
Lat/Long:	41.56869/-87.44072		



Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0417		
Description:	Vegetation along riverside toe		
Caption:	0417 - No User Rating (Site Visit) - Vegetation along riverside toe		
Lat/Long:	41.56696/-87.43105		



Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0287		
Description:	Poor sod cover on landside slope		
Caption:	0287 - No User Rating (Site Visit) - Poor sod cover on landside slope		
Lat/Long:	41.56991/-87.46597		





Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0321		
Description:	Poor sod cover on crown		
Caption:	0321 - No User Rating (Site Visit) - Poor sod cover on crown		
Lat/Long:	41.57041/-87.46872		



Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0337		
Description:	Poor sod cover on riverside slope		
Caption:	0337 - No User Rating (Site Visit) - Poor sod cover on riverside slope		
Lat/Long:	41.56950/-87.46388		



Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0349		
Description:	Poor sod cover on riverside slope		
Caption:	0349 - No User Rating (Site Visit) - Poor sod cover on riverside slope		
Lat/Long:	41.56986/-87.46224		



Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0369		
Description:	Poor sod cover on riverside slope		
Caption:	0369 - No User Rating (Site Visit) - Poor sod cover on riverside slope		
Lat/Long:	41.57071/-87.45322		



Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0385		
Description:	Poor sod cover on riverside slope		
Caption:	0385 - No User Rating (Site Visit) - Poor sod cover on riverside slope		
Lat/Long:	41.57294/-87.44770		



Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0401		
Description:	Poor sod cover on riverside slope		
Caption:	0401 - No User Rating (Site Visit) - Poor sod cover on riverside slope		
Lat/Long:	41.56907/-87.44131		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0087		
Description:	Stakes and rope along landside toe		
Caption:	0087 - No User Rating (Site Visit) - Stakes and rope along landside toe		
Lat/Long:	41.57199/-87.51258		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0132		
Description:	Gate encroachment on riverside slope		
Caption:	0132 - No User Rating (Site Visit) - Gate encroachment on riverside slope		
Lat/Long:	41.56999/-87.47280		





Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0147		
Description:	Poles along roadway within 15 feet of landside toe		
Caption:	0147 - No User Rating (Site Visit) - Poles along roadway within 15 feet of landside toe		
Lat/Long:	41.57108/-87.50610		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0156		
Description:	Log within 15 feet of landside toe		
Caption:	0156 - No User Rating (Site Visit) - Log within 15 feet of landside toe		
Lat/Long:	41.57088/-87.45141		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0163		
Description:	Log within 15 feet of riverside toe		
Caption:	0163 - No User Rating (Site Visit) - Log within 15 feet of riverside toe		
Lat/Long:	41.56958/-87.50353		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0164		
Description:	Discarded tire within 15 feet of landside toe		
Caption:	0164 - No User Rating (Site Visit) - Discarded tire within 15 feet of landside toe		
Lat/Long:	41.57123/-87.44806		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0184		
Description:	Memorial on riverside crown		
Caption:	0184 - No User Rating (Site Visit) - Memorial on riverside crown		
Lat/Long:	41.56811/-87.43927		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0188		
Description:	Debris on riverside slope		
Caption:	0188 - No User Rating (Site Visit) - Debris on riverside slope		
Lat/Long:	41.56805/-87.43798		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0203		
Description:	Sign on landside slope		
Caption:	0203 - No User Rating (Site Visit) - Sign on landside slope		
Lat/Long:	41.56679/-87.48420		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0211		
Description:	Sign on crest		
Caption:	0211 - No User Rating (Site Visit) - Sign on crest		
Lat/Long:	41.56685/-87.48377		





Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0219		
Description:	Downed tree on landside toe		
Caption:	0219 - No User Rating (Site Visit) - Downed tree on landside toe		
Lat/Long:	41.56810/-87.47870		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0223		
Description:	Construction equipment on landside toe		
Caption:	0223 - No User Rating (Site Visit) - Construction equipment on landside toe		
Lat/Long:	41.56856/-87.47751		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0231		
Description:	Signs on crown		
Caption:	0231 - No User Rating (Site Visit) - Signs on crown		
Lat/Long:	41.56881/-87.47489		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0247		
Description:	Sign on crown		
Caption:	0247 - No User Rating (Site Visit) - Sign on crown		
Lat/Long:	41.56987/-87.47327		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0259		
Description:	Pipe penetrating 72 in. into landside toe		
Caption:	0259 - No User Rating (Site Visit) - Pipe penetrating 72 in. into landside toe		
Lat/Long:	41.56989/-87.47081		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0271		
Description:	Downed tree on landside toe		
Caption:	0271 - No User Rating (Site Visit) - Downed tree on landside toe		
Lat/Long:	41.57055/-87.46802		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0327		
Description:	Broken security gate		
Caption:	0327 - No User Rating (Site Visit) - Broken security gate		
Lat/Long:	41.57252/-87.44794		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0339		
Description:	Debris on landside toe		
Caption:	0339 - No User Rating (Site Visit) - Debris on landside toe		
Lat/Long:	41.57218/-87.44752		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0355		
Description:	Vehicles on levee toe		
Caption:	0355 - No User Rating (Site Visit) - Vehicles on levee toe		
Lat/Long:	41.57070/-87.44709		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0359		
Description:	Concrete blocks on levee slopes (both sides)		
Caption:	0359 - No User Rating (Site Visit) - Concrete blocks on levee slopes (both sides)		
Lat/Long:	41.57076/-87.44590		





Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0379		
Description:	Discarded drainage hose along crest		
Caption:	0379 - No User Rating (Site Visit) - Discarded drainage hose along crest		
Lat/Long:	41.56815/-87.43807		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0397		
Description:	Debris on riverside riprap - typical		
Caption:	0397 - No User Rating (Site Visit) - Debris on riverside riprap - typical		
Lat/Long:	41.57007/-87.44176		



Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0419		
Description:	Crest elevation impacted by 408 activities (construction of pedestrian bridge over Calumet Ave). Verify the elevation surface for impacts. May require additional coordination		
Caption:	0419 - No User Rating (Site Visit) - Crest elevation impacted by 408 activities (construction of pedestrian bridge over Calumet Ave). Verify the elevation surface for impacts. May require additional coordination		
Lat/Long:	41.57162/-87.50836		



Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0003		
Description:	Erosion on riverside slope		
Caption:	0003 - No User Rating (Site Visit) - Erosion on riverside slope		
Lat/Long:	41.56647/-87.48515		



Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0227		
Description:	Erosion on riverside slope		
Caption:	0227 - No User Rating (Site Visit) - Erosion on riverside slope		
Lat/Long:	41.56858/-87.47714		



Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0319		
Description:	Erosion along riverside slope		
Caption:	0319 - No User Rating (Site Visit) - Erosion along riverside slope		
Lat/Long:	41.57077/-87.45254		





Category:	Levee Embankments	Item:	Settlement
Observation ID:	2023-0055		
Description:	Low point at transition		
Caption:	0055 - No User Rating (Site Visit) - Low point at transition		
Lat/Long:	41.57282/-87.51563		



Category:	Levee Embankments	Item:	Settlement
Observation ID:	2023-0215		
Description:	Settlement along crest		
Caption:	0215 - No User Rating (Site Visit) - Settlement along crest		
Lat/Long:	41.56788/-87.47906		



Category:	Levee Embankments	Item:	Settlement
Observation ID:	2023-0421		
Description:	Settlement around levee tie-in		
Caption:	0421 - No User Rating (Site Visit) - Settlement around levee tie-in		
Lat/Long:	41.57023/-87.45858		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0123		
Description:	Rutting near crest		
Caption:	0123 - No User Rating (Site Visit) - Rutting near crest		
Lat/Long:	41.57148/-87.50825		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0124		
Description:	Rutting on riverside slope		
Caption:	0124 - No User Rating (Site Visit) - Rutting on riverside slope		
Lat/Long:	41.56908/-87.47444		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0167		
Description:	Rutting on landside toe		
Caption:	0167 - No User Rating (Site Visit) - Rutting on landside toe		
Lat/Long:	41.56902/-87.50234		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0168		
Description:	Depression on crown		
Caption:	0168 - No User Rating (Site Visit) - Depression on crown		
Lat/Long:	41.57070/-87.44696		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0243		
Description:	Rutting along landside toe		
Caption:	0243 - No User Rating (Site Visit) - Rutting along landside toe		
Lat/Long:	41.56969/-87.47356		





Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0263		
Description:	Rutting on landside slope		
Caption:	0263 - No User Rating (Site Visit) - Rutting on landside slope		
Lat/Long:	41.57055/-87.46850		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0309		
Description:	Rutting on riverside slope		
Caption:	0309 - No User Rating (Site Visit) - Rutting on riverside slope		
Lat/Long:	41.56953/-87.47151		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0311		
Description:	Rutting on landside slope - on transition up to access walkway		
Caption:	0311 - No User Rating (Site Visit) - Rutting on landside slope - on transition up to access walkway		
Lat/Long:	41.57005/-87.45883		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0317		
Description:	Rutting on riverside slope		
Caption:	0317 - No User Rating (Site Visit) - Rutting on riverside slope		
Lat/Long:	41.56978/-87.47072		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0345		
Description:	Depression and rutting on riverside slope		
Caption:	0345 - No User Rating (Site Visit) - Depression and rutting on riverside slope		
Lat/Long:	41.56961/-87.46320		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0347		
Description:	Rutting on levee crown		
Caption:	0347 - No User Rating (Site Visit) - Rutting on levee crown		
Lat/Long:	41.57073/-87.44732		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0351		
Description:	6 in. deep depression on crown		
Caption:	0351 - No User Rating (Site Visit) - 6 in. deep depression on crown		
Lat/Long:	41.57071/-87.44709		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0357		
Description:	Depression on crown		
Caption:	0357 - No User Rating (Site Visit) - Depression on crown		
Lat/Long:	41.57077/-87.45461		





Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0361		
Description:	Rutting on riverside toe and slope		
Caption:	0361 - No User Rating (Site Visit) - Rutting on riverside toe and slope		
Lat/Long:	41.57072/-87.45361		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0365		
Description:	Depression in riverside toe		
Caption:	0365 - No User Rating (Site Visit) - Depression in riverside toe		
Lat/Long:	41.57072/-87.45331		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0367		
Description:	8 in. deep depression on landside toe		
Caption:	0367 - No User Rating (Site Visit) - 8 in. deep depression on landside toe		
Lat/Long:	41.56872/-87.44051		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0373		
Description:	Rutting on riverside slope and toe		
Caption:	0373 - No User Rating (Site Visit) - Rutting on riverside slope and toe		
Lat/Long:	41.57072/-87.45249		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0375		
Description:	5 foot wide by 1 in. deep depression on landside slope		
Caption:	0375 - No User Rating (Site Visit) - 5 foot wide by 1 in. deep depression on landside slope		
Lat/Long:	41.56802/-87.43891		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0381		
Description:	Rutting along riverside toe		
Caption:	0381 - No User Rating (Site Visit) - Rutting along riverside toe		
Lat/Long:	41.57270/-87.44773		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0409		
Description:	Rutting on riverside slope		
Caption:	0409 - No User Rating (Site Visit) - Rutting on riverside slope		
Lat/Long:	41.56855/-87.44043		



Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0413		
Description:	Depression on crown		
Caption:	0413 - No User Rating (Site Visit) - Depression on crown		
Lat/Long:	41.56836/-87.43602		





Category:	Levee Embankments	Item:	Cracking
Observation ID:	2023-0207		
Description:	Asphalt crack in crest - typical		
Caption:	0207 - No User Rating (Site Visit) - Asphalt crack in crest - typical		
Lat/Long:	41.56685/-87.48383		



Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0002		
Description:	3 animal burrows in the eroded part of the riverside bank.		
Caption:	0002 - No User Rating (Site Visit) - 3 animal burrows in the eroded part of the riverside bank.		
Lat/Long:	41.56646/-87.48504		





Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0128		
Description:	Animal burrow on riverside crown		
Caption:	0128 - No User Rating (Site Visit) - Animal burrow on riverside crown		
Lat/Long:	41.56978/-87.47284		



Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0239		
Description:	Animal burrows on landside toe		
Caption:	0239 - No User Rating (Site Visit) - Animal burrows on landside toe		
Lat/Long:	41.56942/-87.47397		



Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0258		
Description:	2 animal burrows on the crest, ~9 in. deep		
Caption:	0258 - No User Rating (Site Visit) - 2 animal burrows on the crest, ~9 in. deep		
Lat/Long:	41.56772/-87.43333		



Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0291		
Description:	Animal burrows on landside toe, 20 in. deep		
Caption:	0291 - No User Rating (Site Visit) - Animal burrows on landside toe, 20 in. deep		
Lat/Long:	41.56972/-87.46432		



Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0331		
Description:	Animal burrow -near transition at PS-HV pump station		
Caption:	0331 - No User Rating (Site Visit) - Animal burrow -near transition at PS-HV pump station		
Lat/Long:	41.57285/-87.44789		



Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0377		
Description:	Animal burrow in crown		
Caption:	0377 - No User Rating (Site Visit) - Animal burrow in crown		
Lat/Long:	41.57074/-87.44923		





Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0393		
Description:	Animal burrow in crown		
Caption:	0393 - No User Rating (Site Visit) - Animal burrow in crown		
Lat/Long:	41.57050/-87.44576		



Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0031		
Description:	Vegetation along riverside of floodwall - continues to end		
Caption:	0031 - No User Rating (Site Visit) - Vegetation along riverside of floodwall - continues to end		
Lat/Long:	41.57400/-87.51830		



Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0035		
Description:	Poor sod cover on riverside of floodwall		
Caption:	0035 - No User Rating (Site Visit) - Poor sod cover on riverside of floodwall		
Lat/Long:	41.57323/-87.51803		



Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0067		
Description:	Vegetation along riverside of floodwall		
Caption:	0067 - No User Rating (Site Visit) - Vegetation along riverside of floodwall		
Lat/Long:	41.57309/-87.51350		





Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0274		
Description:	Small tree on landside floodwall		
Caption:	0274 - No User Rating (Site Visit) - Small tree on landside floodwall		
Lat/Long:	41.56837/-87.43516		



Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0279		
Description:	Landside floodwall vegetation		
Caption:	0279 - No User Rating (Site Visit) - Landside floodwall vegetation		
Lat/Long:	41.57019/-87.46654		



Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0285		
Description:	Vegetation within 5 ft of riverside floodwall		
Caption:	0285 - No User Rating (Site Visit) - Vegetation within 5 ft of riverside floodwall		
Lat/Long:	41.56722/-87.48680		



Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0325		
Description:	Vegetation - typical near railroad closure, landside and riverside		
Caption:	0325 - No User Rating (Site Visit) - Vegetation - typical near railroad closure, landside and riverside		
Lat/Long:	41.57023/-87.46707		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0099		
Description:	Steel bar along waterside slope		
Caption:	0099 - No User Rating (Site Visit) - Steel bar along riverside slope		
Lat/Long:	41.57140/-87.50946		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0172		
Description:	Debris near landside floodwall		
Caption:	0172 - No User Rating (Site Visit) - Debris near landside floodwall		
Lat/Long:	41.57022/-87.44210		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0176		
Description:	Debris near landside floodwall		
Caption:	0176 - No User Rating (Site Visit) - Debris near landside floodwall		
Lat/Long:	41.57003/-87.44167		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0183		
Description:	Downed tree near riverside floodwall		
Caption:	0183 - No User Rating (Site Visit) - Downed tree near riverside floodwall		
Lat/Long:	41.57015/-87.49947		





Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0192		
Description:	Debris and unwanted vegetation on landside floodwall		
Caption:	0192 - No User Rating (Site Visit) - Debris and unwanted vegetation on landside floodwall		
Lat/Long:	41.56827/-87.43672		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0242		
Description:	Debris on both sides of floodwall		
Caption:	0242 - No User Rating (Site Visit) - Debris on both sides of floodwall		
Lat/Long:	41.56991/-87.46204		





Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0262		
Description:	Concrete block on landside floodwall		
Caption:	0262 - No User Rating (Site Visit) - Concrete block on landside floodwall		
Lat/Long:	41.56786/-87.43358		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0270		
Description:	Chairs on riverside floodwall		
Caption:	0270 - No User Rating (Site Visit) - Chairs on riverside floodwall		
Lat/Long:	41.56824/-87.43461		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0278		
Description:	Debris on landside floodwall		
Caption:	0278 - No User Rating (Site Visit) - Debris on landside floodwall		
Lat/Long:	41.56834/-87.43643		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0283		
Description:	Graffiti, utility markers, and vegetation near landside floodwall		
Caption:	0283 - No User Rating (Site Visit) - Graffiti, utility markers, and vegetation near landside floodwall		
Lat/Long:	41.57011/-87.46654		



Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0329		
Description:	Graffiti on riverside floodwall - near railroad closure		
Caption:	0329 - No User Rating (Site Visit) - Graffiti on riverside floodwall - near railroad closure		
Lat/Long:	41.57015/-87.46666		



Category:	Floodwalls	Item:	Closure Structures (
Observation ID:	2023-0234		
Description:	Guardrail and debris on Kennedy closure landside		
Caption:	0234 - No User Rating (Site Visit) - Guardrail and debris on Kennedy closure landside		
Lat/Long:	41.56995/-87.46177		



Category:	Floodwalls	Item:	Closure Structures (
Observation ID:	2023-0275		
Description:	West side railroad closure has loose bolt that will jam against closure gate if operated		
Caption:	0275 - No User Rating (Site Visit) - West side railroad closure has loose bolt that will jam against closure gate if operated		
Lat/Long:	41.57021/-87.46672		



Category:	Floodwalls	Item:	Closure Structures (
Observation ID:	2023-0299		
Description:	Concrete spalling - closure structure at Kennedy		
Caption:	0299 - No User Rating (Site Visit) - Concrete spalling - closure structure at Kennedy		
Lat/Long:	41.56985/-87.46136		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0039		
Description:	Depressions against floodwall		
Caption:	0039 - No User Rating (Site Visit) - Depressions against floodwall		
Lat/Long:	41.57319/-87.51785		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0059		
Description:	Damaged concrete cap		
Caption:	0059 - No User Rating (Site Visit) - Damaged concrete cap		
Lat/Long:	41.57281/-87.51564		





Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0066		
Description:	Concrete joint gap and cracking		
Caption:	0066 - No User Rating (Site Visit) - Concrete joint gap and cracking		
Lat/Long:	41.57156/-87.50919		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0075		
Description:	Damaged concrete cap		
Caption:	0075 - No User Rating (Site Visit) - Damaged concrete cap		
Lat/Long:	41.57276/-87.51359		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0091		
Description:	Damaged concrete cap		
Caption:	0091 - No User Rating (Site Visit) - Damaged concrete cap		
Lat/Long:	41.57169/-87.51064		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0144		
Description:	Spalling on cap - near railroad gate		
Caption:	0144 - No User Rating (Site Visit) - Spalling on cap - near railroad gate		
Lat/Long:	41.57024/-87.46682		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0175		
Description:	Exposed rebar on concrete cap - typical		
Caption:	0175 - No User Rating (Site Visit) - Exposed rebar on concrete cap - typical		
Lat/Long:	41.56954/-87.50006		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0187		
Description:	Spalled surface on cap		
Caption:	0187 - No User Rating (Site Visit) - Spalled surface on cap		
Lat/Long:	41.57072/-87.49866		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0191		
Description:	Cap cracked all the way around		
Caption:	0191 - No User Rating (Site Visit) - Cap cracked all the way around		
Lat/Long:	41.57086/-87.49822		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0238		
Description:	Cracks on cap		
Caption:	0238 - No User Rating (Site Visit) - Cracks on cap		
Lat/Long:	41.56989/-87.46208		



Category:	Floodwalls	Item:	Foundation of Concre
Observation ID:	2023-0006		
Description:	Animal burrow under concrete foundation on waterside of floodwall		
Caption:	0006 - No User Rating (Site Visit) - Animal burrow under concrete foundation on waterside of floodwall		
Lat/Long:	41.57315/-87.51780		



Category:	Floodwalls	Item:	Foundation of Concre
Observation ID:	2023-0054		
Description:	Gap between top of floodwall and sheetpile		
Caption:	0054 - No User Rating (Site Visit) - Gap between top of floodwall and sheetpile		
Lat/Long:	41.57231/-87.51352		





Category:	Floodwalls	Item:	Foundation of Concre
Observation ID:	2023-0079		
Description:	Animal burrow riverside - typical		
Caption:	0079 - No User Rating (Site Visit) - Animal burrow riverside - typical		
Lat/Long:	41.57246/-87.51362		



Category:	Floodwalls	Item:	Foundation of Concre
Observation ID:	2023-0115		
Description:	Animal burrow riverside		
Caption:	0115 - No User Rating (Site Visit) - Animal burrow riverside		
Lat/Long:	41.57155/-87.50870		



Category:	Floodwalls	Item:	Foundation of Concre
Observation ID:	2023-0180		
Description:	Rutting on landside of floodwall		
Caption:	0180 - No User Rating (Site Visit) - Rutting on landside of floodwall		
Lat/Long:	41.56952/-87.44134		



Category:	Floodwalls	Item:	Foundation of Concre
Observation ID:	2023-0266		
Description:	Two 2.5 ft deep burrows on landside of wall		
Caption:	0266 - No User Rating (Site Visit) - Two 2.5 ft deep burrows on landside of wall		
Lat/Long:	41.56782/-87.43360		



Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0140		
Description:	Deteriorating joint sealant		
Caption:	0140 - No User Rating (Site Visit) - Deteriorating joint sealant		
Lat/Long:	41.57023/-87.46699		



Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0199		
Description:	Joint sealant repaired		
Caption:	0199 - No User Rating (Site Visit) - Joint sealant repaired		
Lat/Long:	41.56692/-87.48976		



Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0305		
Description:	Deteriorating joint sealant		
Caption:	0305 - No User Rating (Site Visit) - Deteriorating joint sealant		
Lat/Long:	41.56990/-87.47285		



Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0335		
Description:	Deteriorating riverside joint sealant		
Caption:	0335 - No User Rating (Site Visit) - Deteriorating riverside joint sealant		
Lat/Long:	41.57293/-87.44775		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0008		
Description:	HA-35: Vegetation around inlet structure		
Caption:	0008 - No User Rating (Site Visit) - HA-35: Vegetation around inlet structure		
Lat/Long:	41.56832/-87.43647		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0010		
Description:	HA-04: Sediment build up in outlet structure		
Caption:	0010 - No User Rating (Site Visit) - HA-04: Sediment build up in outlet structure		
Lat/Long:	41.57313/-87.51785		





Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0011		
Description:	HA-01: Heavy vegetation around manhole. Also some spalling around manhole (not pictured)		
Caption:	0011 - No User Rating (Site Visit) - HA-01: Heavy vegetation around manhole. Also some spalling around manhole (not pictured)		
Lat/Long:	41.57625/-87.51932		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0015		
Description:	HA-02: Heavy vegetation around structure		
Caption:	0015 - No User Rating (Site Visit) - HA-02: Heavy vegetation around structure		
Lat/Long:	41.57460/-87.51866		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0023		
Description:	HA-03: Vegetation at outlet structure		
Caption:	0023 - No User Rating (Site Visit) - HA-03: Vegetation at outlet structure		
Lat/Long:	41.57408/-87.51872		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0027		
Description:	HA-03: Heavy vegetation around manhole		
Caption:	0027 - No User Rating (Site Visit) - HA-03: Heavy vegetation around manhole		
Lat/Long:	41.57404/-87.51839		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0036		
Description:	HA-31: Vegetation and obstructions at outlet		
Caption:	0036 - No User Rating (Site Visit) - HA-31: Vegetation and obstructions at outlet		
Lat/Long:	41.57069/-87.44874		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0038		
Description:	HA-06: Outlet has some vegetation/sediment buildup		
Caption:	0038 - No User Rating (Site Visit) - HA-06: Outlet has some vegetation/sediment buildup		
Lat/Long:	41.57230/-87.51363		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0047		
Description:	HA-05: Sediment blocking duckbill at outlet		
Caption:	0047 - No User Rating (Site Visit) - HA-05: Sediment blocking duckbill at outlet		
Lat/Long:	41.57246/-87.51583		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0051		
Description:	HA-05: Vegetation around outlet		
Caption:	0051 - No User Rating (Site Visit) - HA-05: Vegetation around outlet		
Lat/Long:	41.57247/-87.51579		





Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0070		
Description:	HA-10: Sediment and vegetation outside and within sluice gate at outlet		
Caption:	0070 - No User Rating (Site Visit) - HA-10: Sediment and vegetation outside and within sluice gate at outlet		
Lat/Long:	41.57052/-87.50511		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0072		
Description:	HA-27: Debris and vegetation in the outlet		
Caption:	0072 - No User Rating (Site Visit) - HA-27: Debris and vegetation in the outlet		
Lat/Long:	41.56987/-87.46190		





Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0094		
Description:	HA-13: Vegetation and sediment buildup at outlet		
Caption:	0094 - No User Rating (Site Visit) - HA-13: Vegetation and sediment buildup at outlet		
Lat/Long:	41.56920/-87.50043		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0103		
Description:	HA-07: Vegetation near outlet wingwall		
Caption:	0103 - No User Rating (Site Visit) - HA-07: Vegetation near outlet wingwall		
Lat/Long:	41.57133/-87.50942		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0107		
Description:	HA-05: Sediment obstructing duckbill at outlet		
Caption:	0107 - No User Rating (Site Visit) - HA-05: Sediment obstructing duckbill at outlet		
Lat/Long:	41.57135/-87.50943		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0116		
Description:	HA-23: sediment in outlet structure		
Caption:	0116 - No User Rating (Site Visit) - HA-23: sediment in outlet structure		
Lat/Long:	41.57047/-87.46808		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0127		
Description:	HA-09: Vegetation and silt around outlet		
Caption:	0127 - No User Rating (Site Visit) - HA-09: Vegetation and silt around outlet		
Lat/Long:	41.57120/-87.50691		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0150		
Description:	HA-16: Vegetation surrounding duckbill and sediment atop		
Caption:	0150 - No User Rating (Site Visit) - HA-16: Vegetation surrounding duckbill and sediment atop		
Lat/Long:	41.56731/-87.48710		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0159		
Description:	HA-11: Heavy vegetation at outlet		
Caption:	0159 - No User Rating (Site Visit) - HA-11: Heavy vegetation at outlet		
Lat/Long:	41.56980/-87.50418		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0166		
Description:	HA-18A-D: Flap gates closed. Some sediment buildup in gatewell		
Caption:	0166 - No User Rating (Site Visit) - HA-18A-D: Flap gates closed. Some sediment buildup in gatewell		
Lat/Long:	41.56766/-87.48213		





Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0170		
Description:	HA-18A-D: Flap gates may be blocked by rip rap or vegetation (vegetation mainly on west side)		
Caption:	0170_1 - No User Rating (Site Visit) - HA-18A-D: Flap gates may be blocked by rip rap or vegetation (vegetation mainly on west side)		
Lat/Long:	41.56772/-87.48199		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0170		
Description:	HA-18A-D: Flap gates may be blocked by rip rap or vegetation (vegetation mainly on west side)		
Caption:	0170_2 - No User Rating (Site Visit) - HA-18A-D: Flap gates may be blocked by rip rap or vegetation (vegetation mainly on west side)		
Lat/Long:	41.56772/-87.48199		





Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0198		
Description:	HA-21: Vegetation against concrete platform leading to gates		
Caption:	0198 - No User Rating (Site Visit) - HA-21: Vegetation against concrete platform leading to gates		
Lat/Long:	41.56994/-87.47227		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0235		
Description:	Vegetation in landside drainage ditch		
Caption:	0235 - No User Rating (Site Visit) - Vegetation in landside drainage ditch		
Lat/Long:	41.56884/-87.47486		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0251		
Description:	HA-22: Inlet surrounded by vegetation		
Caption:	0251 - No User Rating (Site Visit) - HA-22: Inlet surrounded by vegetation		
Lat/Long:	41.56975/-87.47142		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0254		
Description:	HA-36: Sediment in the outlet and vegetation around the headwall		
Caption:	0254 - No User Rating (Site Visit) - HA-36: Sediment in the outlet and vegetation around the headwall		
Lat/Long:	41.56762/-87.43338		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0255		
Description:	Vegetation in landside ditch		
Caption:	0255 - No User Rating (Site Visit) - Vegetation in landside ditch		
Lat/Long:	41.56972/-87.47139		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0267		
Description:	Landside ditch vegetation		
Caption:	0267 - No User Rating (Site Visit) - Landside ditch vegetation		
Lat/Long:	41.57055/-87.46813		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0293		
Description:	Phragmites in riverside wetland		
Caption:	0293 - No User Rating (Site Visit) - Phragmites in riverside wetland		
Lat/Long:	41.56893/-87.47461		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0295		
Description:	HA-25: Inlet obscured by vegetation		
Caption:	0295 - No User Rating (Site Visit) - HA-25: Inlet obscured by vegetation		
Lat/Long:	41.56962/-87.46385		





Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0313		
Description:	HA-22: Vegetation in outlet		
Caption:	0313 - No User Rating (Site Visit) - HA-22: Vegetation in outlet		
Lat/Long:	41.56957/-87.47127		



Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0371		
Description:	Landside ditch heavily vegetated		
Caption:	0371 - No User Rating (Site Visit) - Landside ditch heavily vegetated		
Lat/Long:	41.56854/-87.44022		





Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0420		
Description:	HA-19: Vegetation around outlet headwall		
Caption:	0420 - No User Rating (Site Visit) - HA-19: Vegetation around outlet headwall		
Lat/Long:	41.56846/-87.47542		



Category:	Interior Drainage System	Item:	Encroachments
Observation ID:	2023-0016		
Description:	HA-34: Debris in outlet		
Caption:	0016 - No User Rating (Site Visit) - HA-34: Debris in outlet		
Lat/Long:	41.56978/-87.44139		



Category:	Interior Drainage System	Item:	Encroachments
Observation ID:	2023-0060		
Description:	HA-28: Debris at flap gate		
Caption:	0060 - No User Rating (Site Visit) - HA-28: Debris at flap gate		
Lat/Long:	41.56975/-87.46138		



Category:	Interior Drainage System	Item:	Encroachments
Observation ID:	2023-0363		
Description:	HA-34: Debris at outlet flap gate		
Caption:	0363 - No User Rating (Site Visit) - HA-34: Debris at outlet flap gate		
Lat/Long:	41.56980/-87.44145		



Category:	Interior Drainage System	Item:	Encroachments
Observation ID:	2023-0383		
Description:	HA-38: Debris in outlet		
Caption:	0383 - No User Rating (Site Visit) - HA-38: Debris in outlet		
Lat/Long:	41.56699/-87.43118		



Category:	Interior Drainage System	Item:	Fencing and Gates
Observation ID:	2023-0102		
Description:	HA-13: Wobbly guardrail at outlet structure		
Caption:	0102 - No User Rating (Site Visit) - HA-13: Wobbly guardrail at outlet structure		
Lat/Long:	41.56920/-87.50044		



Category:	Interior Drainage System	Item:	Fencing and Gates
Observation ID:	2023-0182		
Description:	HA-20: Unstable and broken guardrails around manhole		
Caption:	0182 - No User Rating (Site Visit) - HA-20: Unstable and broken guardrails around manhole		
Lat/Long:	41.56884/-87.47490		



Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0014		
Description:	HA-04: Spalling on west wingwall at outlet		
Caption:	0014 - No User Rating (Site Visit) - HA-04: Spalling on west wingwall at outlet		
Lat/Long:	41.57326/-87.51787		



Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0026		
Description:	HA-04: Concrete deteriorating and chipping in outlet baffle blocks		
Caption:	0026 - No User Rating (Site Visit) - HA-04: Concrete deteriorating and chipping in outlet baffle blocks		
Lat/Long:	41.57323/-87.51792		



Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0030		
Description:	HA-05: Gap between concrete and sheetpile at gate outlet structure		
Caption:	0030 - No User Rating (Site Visit) - HA-05: Gap between concrete and sheetpile at gate outlet structure		
Lat/Long:	41.57323/-87.51792		





Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0098		
Description:	HA-13: Spalling on corner of outlet structure		
Caption:	0098 - No User Rating (Site Visit) - HA-13: Spalling on corner of outlet structure		
Lat/Long:	41.56920/-87.50045		



Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0130		
Description:	HA-14: Spalling on corner of outlet structure		
Caption:	0130 - No User Rating (Site Visit) - HA-14: Spalling on corner of outlet structure		
Lat/Long:	41.56950/-87.50000		



Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0210		
Description:	HA-21: Minor spalling on side of walkway		
Caption:	0210 - No User Rating (Site Visit) - HA-21: Minor spalling on side of walkway		
Lat/Long:	41.57013/-87.47250		



Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0422		
Description:	HA-29: Deteriorating joint material		
Caption:	0422 - No User Rating (Site Visit) - HA-29: Deteriorating joint material		
Lat/Long:	41.57036/-87.45825		



Category:	Interior Drainage System	Item:	Tilting, Sliding or
Observation ID:	2023-0046		
Description:	HA-06: Gap between floodwall and gate structure		
Caption:	0046 - No User Rating (Site Visit) - HA-06: Gap between floodwall and gate structure		
Lat/Long:	41.57232/-87.51351		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0018		
Description:	HA-04: Erosion around outlet structure		
Caption:	0018 - No User Rating (Site Visit) - HA-04: Erosion around outlet structure		
Lat/Long:	41.57330/-87.51783		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0019		
Description:	HA-03: Erosion around manhole		
Caption:	0019 - No User Rating (Site Visit) - HA-03: Erosion around manhole		
Lat/Long:	41.57427/-87.51862		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0024		
Description:	HA-33: Erosion along outlet wingwall		
Caption:	0024 - No User Rating (Site Visit) - HA-33: Erosion along outlet wingwall		
Lat/Long:	41.57058/-87.44766		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0034		
Description:	HA-06: Animal burrow near foundation of inlet structure		
Caption:	0034 - No User Rating (Site Visit) - HA-06: Animal burrow near foundation of inlet structure		
Lat/Long:	41.57234/-87.51353		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0090		
Description:	HA-13: Animal burrow near outlet structure		
Caption:	0090 - No User Rating (Site Visit) - HA-13: Animal burrow near outlet structure		
Lat/Long:	41.56919/-87.50039		





Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0111		
Description:	HA-08: Erosion around wingwalls at outlet		
Caption:	0111 - No User Rating (Site Visit) - HA-08: Erosion around wingwalls at outlet		
Lat/Long:	41.57140/-87.50937		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0114		
Description:	HA-13: Animal burrow near inlet structure		
Caption:	0114 - No User Rating (Site Visit) - HA-13: Animal burrow near inlet structure		
Lat/Long:	41.56940/-87.50043		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0122		
Description:	HA-14: Animal burrow near outlet structure		
Caption:	0122 - No User Rating (Site Visit) - HA-14: Animal burrow near outlet structure		
Lat/Long:	41.56957/-87.50005		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0131		
Description:	HA-09: Erosion around wingwalls at outlet		
Caption:	0131 - No User Rating (Site Visit) - HA-09: Erosion around wingwalls at outlet		
Lat/Long:	41.57118/-87.50694		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0154		
Description:	HA-16: Animal burrow on northeast side of gate		
Caption:	0154 - No User Rating (Site Visit) - HA-16: Animal burrow on northeast side of gate		
Lat/Long:	41.56733/-87.48715		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0178		
Description:	HA-17: Erosion around headwall at outlet		
Caption:	0178 - No User Rating (Site Visit) - HA-17: Erosion around headwall at outlet		
Lat/Long:	41.56860/-87.47560		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0194		
Description:	HA-21: Erosion by walkway approaching gates		
Caption:	0194 - No User Rating (Site Visit) - HA-21: Erosion by walkway approaching gates		
Lat/Long:	41.56993/-87.47227		



Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0202		
Description:	HA-21: Erosion on sides of outlet		
Caption:	0202 - No User Rating (Site Visit) - HA-21: Erosion on sides of outlet		
Lat/Long:	41.57009/-87.47258		





Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0202		
Description:	HA-21: Erosion on sides of outlet		
Caption:	No User Rating (Site Visit) - Erosion on sides.		
Lat/Long:	41.57009/-87.47258		



Category:	Interior Drainage System	Item:	Culverts/ Discharge
Observation ID:	2023-0387		
Description:	HA-38: Hole in RCP at duckbill connection		
Caption:	0387 - No User Rating (Site Visit) - HA-38: Hole in RCP at duckbill connection		
Lat/Long:	41.56687/-87.43162		





Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0022		
Description:	HA-04: Bird's nest on gate		
Caption:	0022 - No User Rating (Site Visit) - HA-04: Bird's nest on gate.		
Lat/Long:	41.57322/-87.51791		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0028		
Description:	HA-31: Difficulties closing the sluice gate		
Caption:	0028 - No User Rating (Site Visit) - HA-31: Difficulties closing the sluice gate		
Lat/Long:	41.57075/-87.44874		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0044		
Description:	HA-30: Minor debris in gatewell		
Caption:	0044 - No User Rating (Site Visit) - HA-30: Minor debris in gatewell		
Lat/Long:	41.57079/-87.45528		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0062		
Description:	HA-08: Some debris in gatewell. No issues with closing and opening		
Caption:	0062 - No User Rating (Site Visit) - HA-08: Some debris in gatewell. No issues with closing and opening		
Lat/Long:	41.57155/-87.50919		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0074		
Description:	HA-10: Gate wouldn't close fully because of sediment buildup		
Caption:	0074 - No User Rating (Site Visit) - HA-10: Gate wouldn't close fully because of sediment buildup.		
Lat/Long:	41.57053/-87.50514		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0076		
Description:	HA-26A,B: Some debris in gatewell. No issues with closing and opening		
Caption:	0076 - No User Rating (Site Visit) - HA-26A,B: Some debris in gatewell. No issues with closing and opening		
Lat/Long:	41.56994/-87.46192		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0078		
Description:	HA-10: Condensation in gauge		
Caption:	0078 - No User Rating (Site Visit) - HA-10: Condensation in gauge		
Lat/Long:	41.57057/-87.50507		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0100		
Description:	HA-27B: Some debris in gateway		
Caption:	0100 - No User Rating (Site Visit) - HA-27B: Some debris in gateway		
Lat/Long:	41.56994/-87.46184		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0110		
Description:	HA-13: Upon arrival, gate looked halfway closed		
Caption:	0110 - No User Rating (Site Visit) - HA-13: Upon arrival, gate looked halfway closed		
Lat/Long:	41.56940/-87.50044		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0126		
Description:	HA-14: Rusting on gauge and column		
Caption:	0126 - No User Rating (Site Visit) - HA-14: Rusting on gauge and column		
Lat/Long:	41.56957/-87.50003		





Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0142		
Description:	HA-16: Loose bolts on both sides of sluice gate. One bolt missing on east side		
Caption:	0142 - No User Rating (Site Visit) - HA-16: Loose bolts on both sides of sluice gate. One bolt missing on east side		
Lat/Long:	41.56734/-87.48698		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0146		
Description:	HA-16: Sluice gate stem fixed from FY22 inspection		
Caption:	0146 - No User Rating (Site Visit) - HA-16: Sluice gate stem fixed from FY22 inspection		
Lat/Long:	41.56733/-87.48707		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0158		
Description:	HA-16: Gate to remain fully open. Some skipping while raising. Corrosion was noted on inside as well as some chipping.		
Caption:	0158 - No User Rating (Site Visit) - HA-16: Gate to remain fully open. Some skipping while raising. Corrosion was noted on inside as well as some chipping.		
Lat/Long:	41.56728/-87.48705		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0162		
Description:	HA-17: Some squeaking while closing gate. Some debris in gatewell		
Caption:	0162 - No User Rating (Site Visit) - HA-17: Some squeaking while closing gate. Some debris in gatewell		
Lat/Long:	41.56761/-87.48218		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0174		
Description:	HA-17: Gauge column fixed from FY22 inspection		
Caption:	0174 - No User Rating (Site Visit) - HA-17: Gauge column fixed from FY22 inspection		
Lat/Long:	41.56780/-87.48105		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0190		
Description:	HA-20: Gate partially open upon arrival, very squeaky while closing		
Caption:	0190 - No User Rating (Site Visit) - HA-20: Gate partially open upon arrival, very squeaky while closing		
Lat/Long:	41.56883/-87.47488		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0206		
Description:	HA-21A: Gate rattled while closing. Some debris in gatewell		
Caption:	0206 - No User Rating (Site Visit) - HA-21A: Gate rattled while closing. Some debris in gatewell		
Lat/Long:	41.57010/-87.47258		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0214		
Description:	HA-21A-C: All 3 gauges dirty		
Caption:	0214: No User Rating (Site Visit) - HA-21A-C: All 3 gauges dirty		
Lat/Long:	41.57010/-87.47251		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0218		
Description:	HA-21B: Gate stuck upon closing, would not re-open. Historically an issue at this gate despite attempts to repair. Some debris in gatewell. LCRBDC already submitted a request for repair		
Caption:	0218 - No User Rating (Site Visit) - HA-21B: Gate stuck upon closing, would not re-open. Historically an issue at this gate despite attempts to repair. Some debris in gatewell. LCRBDC already submitted a request for repair		
Lat/Long:	41.57010/-87.47253		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0222		
Description:	HA-21C: Some debris in gatewell. Water dripping while opening during FY22 inspection - not noted during this inspection		
Caption:	0222 - No User Rating (Site Visit) - HA-21C: Some debris in gatewell. Water dripping while opening during FY22 inspection - not noted during this inspection		
Lat/Long:	41.57008/-87.47252		







Category:	Interior Drainage System	Item:	Flap Gates/ Flap Val
Observation ID:		2023-0391	
Description:	HA-38: Hole in flap gate - about 5 in. diameter		
Caption:	0391 - No User Rating (Site Visit) - HA-38: Hole in flap gate - about 5 in. diameter		
Lat/Long:	41.56687/-87.43162		



Category:	Interior Drainage System	Item:	Trash Racks (non-mec
Observation ID:		2023-0143	
Description:	HA-09: Damaged trash rack		
Caption:	0143 - No User Rating (Site Visit) - HA-09: Damaged trash rack		
Lat/Long:	41.57129/-87.50681		

			
Category:	Interior Drainage System	Item:	Other Metallic Items
Observation ID:	2023-0138		
Description:	HA-14: Bolt broken/missing on inlet structure ladder		
Caption:	0138 - No User Rating (Site Visit) - HA-14: Bolt broken/missing on inlet structure ladder		
Lat/Long:	41.56955/-87.50001		

			
Category:	Interior Drainage System	Item:	Other Metallic Items
Observation ID:	2023-0139		
Description:	HA-09: Manhole is partially covered by grass		
Caption:	0139 - No User Rating (Site Visit) - HA-09: Manhole is partially covered by grass		
Lat/Long:	41.57128/-87.50686		



Category:	Interior Drainage System	Item:	Other Metallic Items
Observation ID:	2023-0155		
Description:	HA-11: Manhole is offset from surrounding concrete pad. Spalling of edges of concrete pad		
Caption:	0155 - No User Rating (Site Visit) - HA-11: Manhole is offset from surrounding concrete pad. Spalling of edges of concrete pad		
Lat/Long:	41.57005/-87.50427		



Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0001		
Description:	PS-JA: Operations manuals present onsite		
Caption:	0001 - No User Rating (Site Visit) - PS-JA: Operations manuals present onsite		
Lat/Long:	41.57303/-87.51705		



Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0033		
Description:	PS-TA: Operations manuals present onsite		
Caption:	0033 - No User Rating (Site Visit) - PS-TA: Operations manuals present onsite		
Lat/Long:	41.57061/-87.50510		



Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0061		
Description:	PS-SS: Operations manuals present onsite		
Caption:	0061 - No User Rating (Site Visit) - PS-SS: Operations manuals present onsite		
Lat/Long:	41.57338/-87.50043		

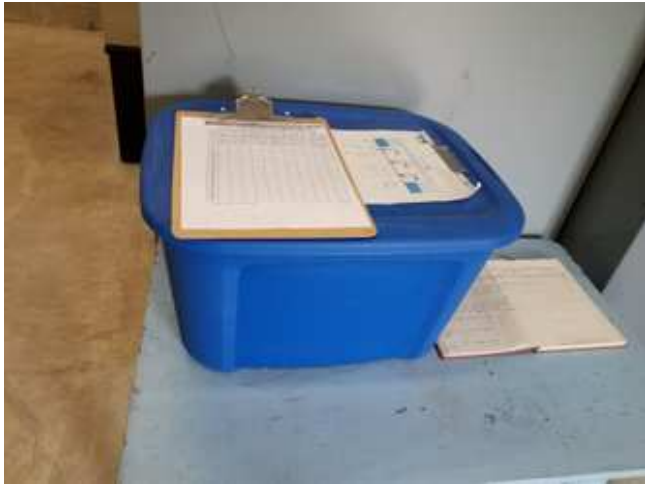


Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0105		
Description:	PS-WA: Operations manuals present onsite		
Caption:	0105 - No User Rating (Site Visit) - PS-WA: Operations manuals present onsite		
Lat/Long:	41.56900/-87.49285		



Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0133		
Description:	PS-IN: Operations manuals present onsite		
Caption:	0133 - No User Rating (Site Visit) - PS-IN: Operations manuals present onsite		
Lat/Long:	41.57488/-87.47526		





Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0169		
Description:	PS-CA: Operations manuals present onsite		
Caption:	0169 - No User Rating (Site Visit) - PS-CA: Operations manuals present onsite		
Lat/Long:	41.56789/-87.48224		



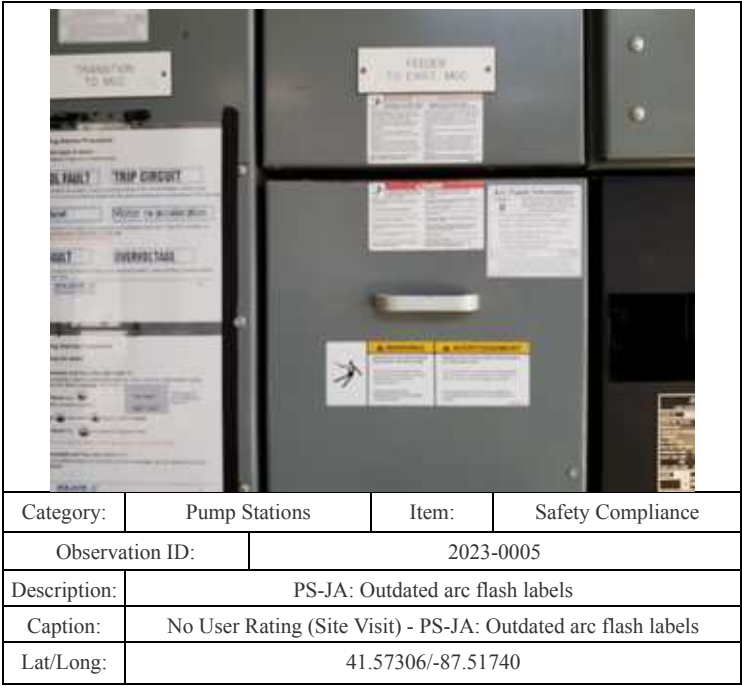
Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0185		
Description:	PS-SK: Operations manuals present onsite		
Caption:	0185 - No User Rating (Site Visit) - PS-SK: Operations manuals present onsite		
Lat/Long:	41.57367/-87.46176		



Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0221		
Description:	PS-KA: Operations manuals present onsite		
Caption:	0221 - No User Rating (Site Visit) - PS-KA: Operations manuals present onsite		
Lat/Long:	41.57055/-87.45827		



Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0245		
Description:	PS-HV: Operations manuals present onsite		
Caption:	0245 - No User Rating (Site Visit) - PS-HV: Operations manuals present onsite		
Lat/Long:	41.57300/-87.44784		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0005		
Description:	PS-JA: Outdated arc flash labels		
Caption:	No User Rating (Site Visit) - PS-JA: Outdated arc flash labels		
Lat/Long:	41.57306/-87.51740		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0037		
Description:	PS-TA: No confined space label		
Caption:	0037 - No User Rating (Site Visit) - PS-TA: No confined space label		
Lat/Long:	41.57062/-87.50508		



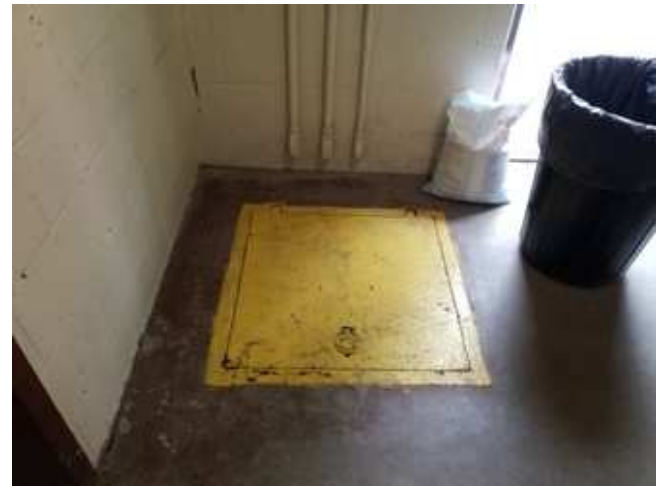
Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0045		
Description:	PS-TA: Outdated arc flash labels		
Caption:	0045 - No User Rating (Site Visit) - PS-TA: Outdated arc flash labels		
Lat/Long:	41.57064/-87.50505		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0065		
Description:	PS-SS: Outdated arc flash labels		
Caption:	0065 - No User Rating (Site Visit) - PS-SS: Outdated arc flash labels		
Lat/Long:	41.57338/-87.50043		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0109		
Description:	PS-WA: Outdated arc flash labels		
Caption:	0109 - No User Rating (Site Visit) - PS-WA: Outdated arc flash labels		
Lat/Long:	41.56901/-87.49286		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0125		
Description:	PS-WA: No confined space label		
Caption:	0125 - No User Rating (Site Visit) - PS-WA: No confined space label		
Lat/Long:	41.56898/-87.49291		





Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0141		
Description:	PS-IN: No confined space label		
Caption:	0141 - No User Rating (Site Visit) - PS-IN: No confined space label		
Lat/Long:	41.57483/-87.47513		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0145		
Description:	PS-IN: Outdated arc flash labels		
Caption:	0145 - No User Rating (Site Visit) - PS-IN: Outdated arc flash labels		
Lat/Long:	41.57483/-87.47519		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0177		
Description:	PS-CA: Outdated arc flash labels		
Caption:	0177 - No User Rating (Site Visit) - PS-CA: Outdated arc flash labels		
Lat/Long:	41.56795/-87.48228		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0193		
Description:	PS-SK: Confined space label is missing		
Caption:	0193 - No User Rating (Site Visit) - PS-SK: Confined space label is missing		
Lat/Long:	41.57361/-87.46184		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0197		
Description:	PS-SK: Outdated arc flash labels		
Caption:	0197 - No User Rating (Site Visit) - PS-SK: Outdated arc flash labels		
Lat/Long:	41.57360/-87.46185		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0237		
Description:	PS-KA: No confined space label		
Caption:	0237 - No User Rating (Site Visit) - PS-KA: No confined space label		
Lat/Long:	41.57049/-87.45825		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0253		
Description:	PS-HV: No confined space label		
Caption:	No User Rating (Site Visit) - PS-HV: No confined space label		
Lat/Long:	41.57312/-87.44787		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0257		
Description:	PS-HV: No confined space label		
Caption:	0257 - No User Rating (Site Visit) - PS-HV: No confined space label		
Lat/Long:	41.57307/-87.44790		



Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0277		
Description:	PS-HV: Outdated arc flash labels		
Caption:	0277 - No User Rating (Site Visit) - PS-HV: Outdated arc flash labels		
Lat/Long:	41.57307/-87.44781		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0013		
Description:	PS-JA: Spalling on outside stair landing platform		
Caption:	0013 - No User Rating (Site Visit) - PS-JA: Spalling on outside stair landing platform		
Lat/Long:	41.57296/-87.51746		





Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0025		
Description:	PS-JA: Spalling on exterior stairs		
Caption:	0025 - No User Rating (Site Visit) - PS-JA: Spalling on exterior stairs		
Lat/Long:	41.57297/-87.51745		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0029		
Description:	PS-JA: Cracks on exterior brick surface of building		
Caption:	0029 - No User Rating (Site Visit) - PS-JA: Cracks on exterior brick surface of building		
Lat/Long:	41.57309/-87.51752		



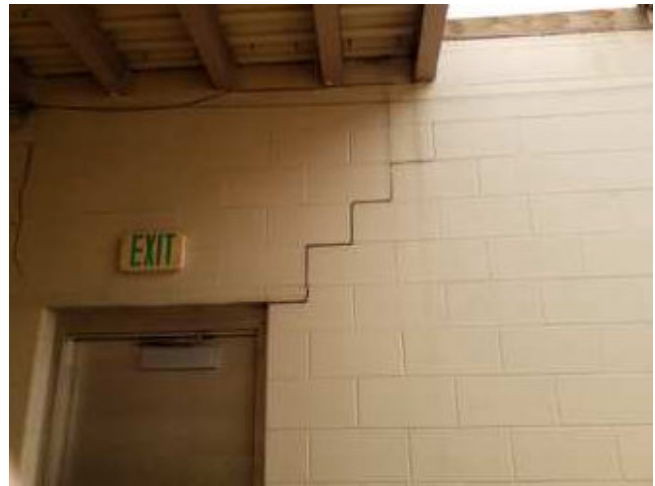
Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0041		
Description:	PS-TA: Concrete floor crack along interior of building		
Caption:	0041 - No User Rating (Site Visit) - PS-TA: Concrete floor crack along interior of building		
Lat/Long:	41.57064/-87.50506		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0049		
Description:	PS-TA: New doors installed and exterior of building and louvers repainted		
Caption:	0049 - No User Rating (Site Visit) - PS-TA: New doors installed and exterior of building and louvers repainted		
Lat/Long:	41.57062/-87.50505		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0053		
Description:	PS-TA: Crack in foundation of building		
Caption:	0053 - No User Rating (Site Visit) - PS-TA: Crack in foundation of building		
Lat/Long:	41.57064/-87.50509		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0085		
Description:	PS-SS: Interior wall stairstep cracks		
Caption:	0085 - No User Rating (Site Visit) - PS-SS: Interior wall stairstep cracks		
Lat/Long:	41.57345/-87.50060		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0093		
Description:	PS-SS: Concrete spalling on interior building floor		
Caption:	0093 - No User Rating (Site Visit) - PS-SS: Concrete spalling on interior building floor		
Lat/Long:	41.57345/-87.50059		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0117		
Description:	PS-WA: Stairstep interior wall crack		
Caption:	0117 - No User Rating (Site Visit) - PS-WA: Stairstep interior wall crack		
Lat/Long:	41.56900/-87.49289		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0121		
Description:	PS-WA: Mold growth but no active leak evident		
Caption:	0121 - No User Rating (Site Visit) - PS-WA: Mold growth but no active leak evident		
Lat/Long:	41.56899/-87.49289		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0153		
Description:	PS-IN: Minor corrosion on ceiling		
Caption:	0153 - No User Rating (Site Visit) - PS-IN: Minor corrosion on ceiling		
Lat/Long:	41.57485/-87.47517		





Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0157		
Description:	PS-IN: Crack on corner of exterior concrete stairs		
Caption:	0157 - No User Rating (Site Visit) - PS-IN: Crack on corner of exterior concrete stairs		
Lat/Long:	41.57490/-87.47527		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0161		
Description:	PS-IN: Crack in corner of building foundation		
Caption:	0161 - No User Rating (Site Visit) - PS-IN: Crack in corner of building foundation		
Lat/Long:	41.57474/-87.47533		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0165		
Description:	PS-IN: Crack along transformer concrete pad		
Caption:	0165 - No User Rating (Site Visit) - PS-IN: Crack along transformer concrete pad		
Lat/Long:	41.57476/-87.47530		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0205		
Description:	PS-SK: Corrosion along ceiling		
Caption:	0205 - No User Rating (Site Visit) - PS-SK: Corrosion along ceiling		
Lat/Long:	41.57363/-87.46185		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0213		
Description:	PS-SK: Soil subsidence noted during FY22 inspection has been repaired		
Caption:	0213 - No User Rating (Site Visit) - PS-SK: Soil subsidence noted during FY22 inspection has been repaired		
Lat/Long:	41.57351/-87.46186		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0217		
Description:	PS-SK: Cracks near building foundation		
Caption:	0217 - No User Rating (Site Visit) - PS-SK: Cracks near building foundation		
Lat/Long:	41.57356/-87.46187		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0233		
Description:	PS-KA: Spalling in ceiling. Exposed rebar seen as well		
Caption:	0233 - No User Rating (Site Visit) - PS-KA: Spalling in ceiling. Exposed rebar seen as well		
Lat/Long:	41.57049/-87.45825		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0241		
Description:	PS-KA: Crack on concrete foundation pad		
Caption:	0241 - No User Rating (Site Visit) - PS-KA: Crack on concrete foundation pad		
Lat/Long:	41.57056/-87.45824		



Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0273		
Description:	PS-HV: Crack in ceiling window		
Caption:	0273 - No User Rating (Site Visit) - PS-HV: Crack in ceiling window		
Lat/Long:	41.57299/-87.44795		

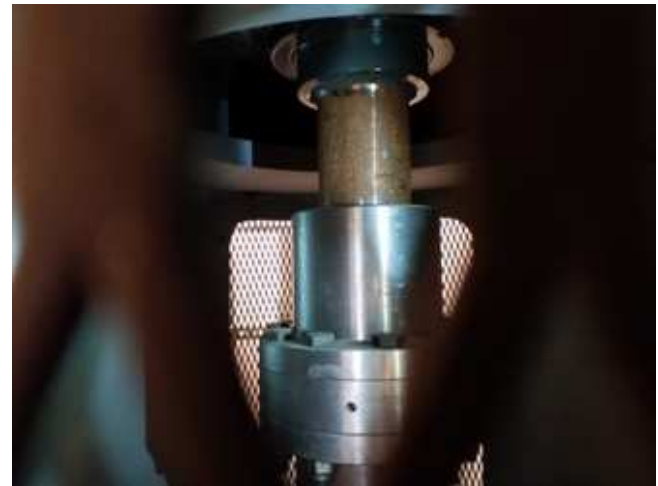


Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0281		
Description:	PS-HV: Ponding water by the wall, noted during previous inspections, was not noted during current inspection		
Caption:	0281 - No User Rating (Site Visit) - PS-HV: Ponding water by the wall, noted during previous inspections, was not noted during current inspection		
Lat/Long:	41.57300/-87.44798		





Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0021		
Description:	PS-JA: Exposed keyed shaft at top of exposed connection is corroded for Pumps 1 and 2 (Pump 1 pictured)		
Caption:	0021 - No User Rating (Site Visit) - PS-JA: Exposed keyed shaft at top of exposed connection is corroded for Pumps 1 and 2 (Pump 1 pictured)		
Lat/Long:	41.57308/-87.51740		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0073		
Description:	PS-SS: Upper exposed pump shaft for SWP-1 is corroded more than other pump shafts		
Caption:	0073 - No User Rating (Site Visit) - PS-SS: Upper exposed pump shaft for SWP-1 is corroded more than other pump shafts		
Lat/Long:	41.57343/-87.50046		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0077		
Description:	PS-SS: Metal base support for the SPW-4 lubricating grease system is heavily corroded		
Caption:	0077 - No User Rating (Site Visit) - PS-SS: Metal base support for the SPW-4 lubricating grease system is heavily corroded		
Lat/Long:	41.57326/-87.50050		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0081		
Description:	PS-SS: Control box on/off switch for SWP-3 lubricating greasing system is missing		
Caption:	0081 - No User Rating (Site Visit) - PS-SS: Control box on/off switch for SWP-3 lubricating greasing system is missing		
Lat/Long:	41.57325/-87.50050		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0101		
Description:	PS-WA: SWP-6 exposed pump connecting shaft is corroded		
Caption:	0101 - No User Rating (Site Visit) - PS-WA: SWP-6 exposed pump connecting shaft is corroded		
Lat/Long:	41.56901/-87.49285		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0149		
Description:	PS-IN: SWP-2 has an excessive buildup of lubricant on the exposed connection shaft		
Caption:	0149 - No User Rating (Site Visit) - PS-IN: SWP-2 has an excessive buildup of lubricant on the exposed connection shaft		
Lat/Long:	41.57488/-87.47522		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0225		
Description:	PS-KA: Both pumps show signs of corrosion on exposed pump shafts		
Caption:	0225 - No User Rating (Site Visit) - PS-KA: Both pumps show signs of corrosion on exposed pump shafts		
Lat/Long:	41.57048/-87.45833		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0229		
Description:	PS-KA: Pump 2 housing is corroded. Pump 1 recently painted, in better condition		
Caption:	0229 - No User Rating (Site Visit) - PS-KA: Pump 2 housing is corroded. Pump 1 recently painted, in better condition		
Lat/Long:	41.57048/-87.45828		

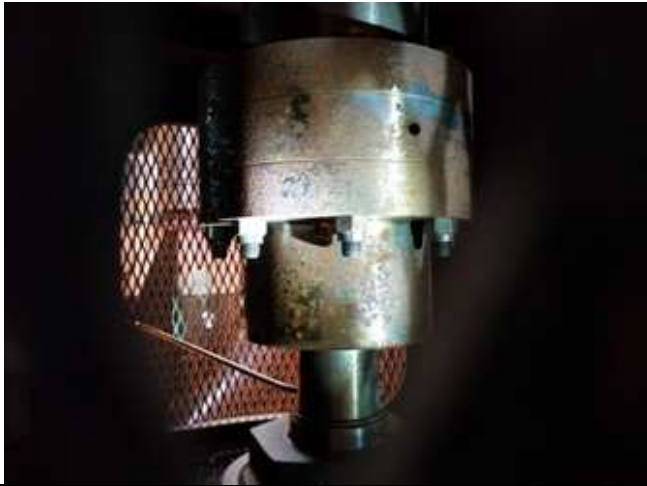


Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0261		
Description:	PS-HV: DWP pump exposed bottom, shaft connections looks corroded		
Caption:	0261 - No User Rating (Site Visit) - PS-HV: DWP pump exposed bottom, shaft connections looks corroded		
Lat/Long:	41.57307/-87.44790		



Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0265		
Description:	PS-HV: Valve connected to discharge piping of DWP looks heavily corroded		
Caption:	0265 - No User Rating (Site Visit) - PS-HV: Valve connected to discharge piping of DWP looks heavily corroded		
Lat/Long:	41.57307/-87.44790		





Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0269		
Description:	PS-HV: Exposed pump connecting shafts for all four large pumps look corroded (Pump 1 pictured - typical)		
Caption:	0269 - No User Rating (Site Visit) - PS-HV: Exposed pump connecting shafts for all four large pumps look corroded (Pump 1 pictured - typical)		
Lat/Long:	41.57298/-87.44796		



Category:	Pump Stations	Item:	Motors, Engines, Fan
Observation ID:	2023-0089		
Description:	PS-SS: Exhaust fan EF-2 in trash rake room fully operational (noted non-operational in FY22 inspection)		
Caption:	0089 - No User Rating (Site Visit) - PS-SS: Exhaust fan EF-2 in trash rake room fully operational (noted non-operational in FY22 inspection)		
Lat/Long:	41.57345/-87.50060		



Category:	Pump Stations	Item:	Motors, Engines, Fan
Observation ID:	2023-0201		
Description:	PS-SK: Housing for exhaust fan EF-1 looks to be almost disconnected from ceiling		
Caption:	0201 - No User Rating (Site Visit) - PS-SK: Housing for exhaust fan EF-1 looks to be almost disconnected from ceiling		
Lat/Long:	41.57359/-87.46179		



Category:	Pump Stations	Item:	Mechanical Operating
Observation ID:	2023-0017		
Description:	PS-JA: Missing grease fitting from FY22 inspection has been resolved		
Caption:	0017 - No User Rating (Site Visit) - PS-JA: Missing grease fitting from FY22 inspection has been resolved		
Lat/Long:	41.57279/-87.51736		



Category:	Pump Stations	Item:	Power Source
Observation ID:	2023-0173		
Description:	PS-CA: Fault noted on generator. Generator has 154 runtime hours		
Caption:	0173 - No User Rating (Site Visit) - PS-CA: Fault noted on generator. Generator has 154 runtime hours		
Lat/Long:	41.56793/-87.48227		



Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0009		
Description:	PS-JA: Indicator light that was broken off during FY22 inspection has been replaced		
Caption:	0009 - No User Rating (Site Visit) - PS-JA: Indicator light that was broken off during FY22 inspection has been replaced		
Lat/Long:	41.57306/-87.51740		



Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0069		
Description:	PS-SS: Missing light cover inside electric panel room		
Caption:	0069 - No User Rating (Site Visit) - PS-SS: Missing light cover inside electric panel room		
Lat/Long:	41.57338/-87.50043		



Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0113		
Description:	PS-WA: Power monitor not operational		
Caption:	0113 - No User Rating (Site Visit) - PS-WA: Power monitor not operational		
Lat/Long:	41.56901/-87.49286		



Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0137		
Description:	PS-IN: PLC is not operational. HSD plans to upgrade system similar to other pump stations		
Caption:	0137 - No User Rating (Site Visit) - PS-IN: PLC is not operational. HSD plans to upgrade system similar to other pump stations		
Lat/Long:	41.57484/-87.47523		



Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0189		
Description:	PS-SK: New electrical control system and display installed		
Caption:	0189 - No User Rating (Site Visit) - PS-SK: New electrical control system and display installed		
Lat/Long:	41.57362/-87.46186		





Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0209		
Description:	PS-SK: VFD controller for pump SWP-3 is currently not installed - at manufacturer to be fixed		
Caption:	0209 - No User Rating (Site Visit) - PS-SK: VFD controller for pump SWP-3 is currently not installed - at manufacturer to be fixed		
Lat/Long:	41.57363/-87.46185		



Category:	Pump Stations	Item:	Enclosures, Panels,
Observation ID:	2023-0181		
Description:	PS-SK: Electrical enclosure for mechanical trash rake is highly corroded		
Caption:	0181 - No User Rating (Site Visit) - PS-SK: Electrical enclosure for mechanical trash rake is highly corroded		
Lat/Long:	41.57370/-87.46177		



Category:	Pump Stations	Item:	Sluice/ Slide Gates
Observation ID:	2023-0057		
Description:	PS-SS: Sluice gates for SWP-1 and SWP-2 interfere with metal covers for openings when operating		
Caption:	0057 - No User Rating (Site Visit) - PS-SS: Sluice gates for SWP-1 and SWP-2 interfere with metal covers for openings when operating		
Lat/Long:	41.57338/-87.50043		



Category:	Pump Stations	Item:	Sluice/ Slide Gates
Observation ID:	2023-0097		
Description:	PS-SS: Influent sluice gate not operational		
Caption:	0097 - No User Rating (Site Visit) - PS-SS: Influent sluice gate not operational		
Lat/Long:	41.57328/-87.50072		



Category:	Pump Stations	Item:	Sluice/ Slide Gates
Observation ID:		2023-0249	
Description:	PS-HV: Influent sluice gate vibrated while closing. No vibration noted while opening		
Caption:	0249 - No User Rating (Site Visit) - PS-HV: Influent sluice gate vibrated while closing. No vibration noted while opening		
Lat/Long:	41.57310/-87.44789		



# National Levee Database

NLD

For Official Use Only

LEVEE INSPECTION MAPBOOK

## Levee Segment Hammond

NLD Levee Segment ID  
2604000008

Location  
Hammond

Inspection Type  
Site Visit

Start Date  
05-Jun-2023

End Date  
07-Jun-2023

Inspected By  
Chris Schaal, Mike Cook



US Army Corps  
of Engineers



SHEET INDEX

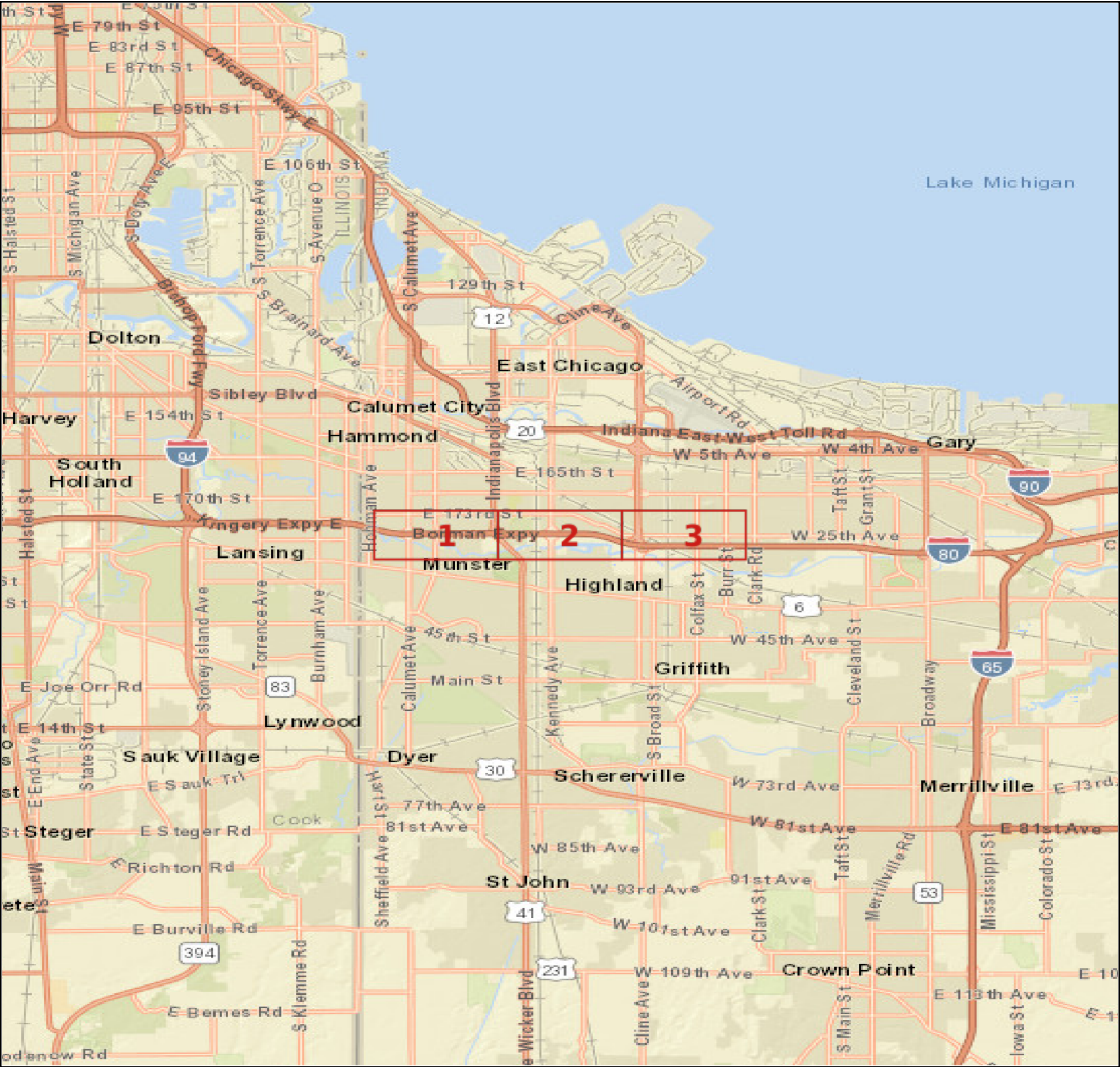
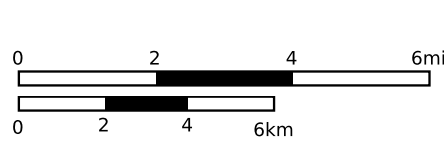
Levee: Hammond

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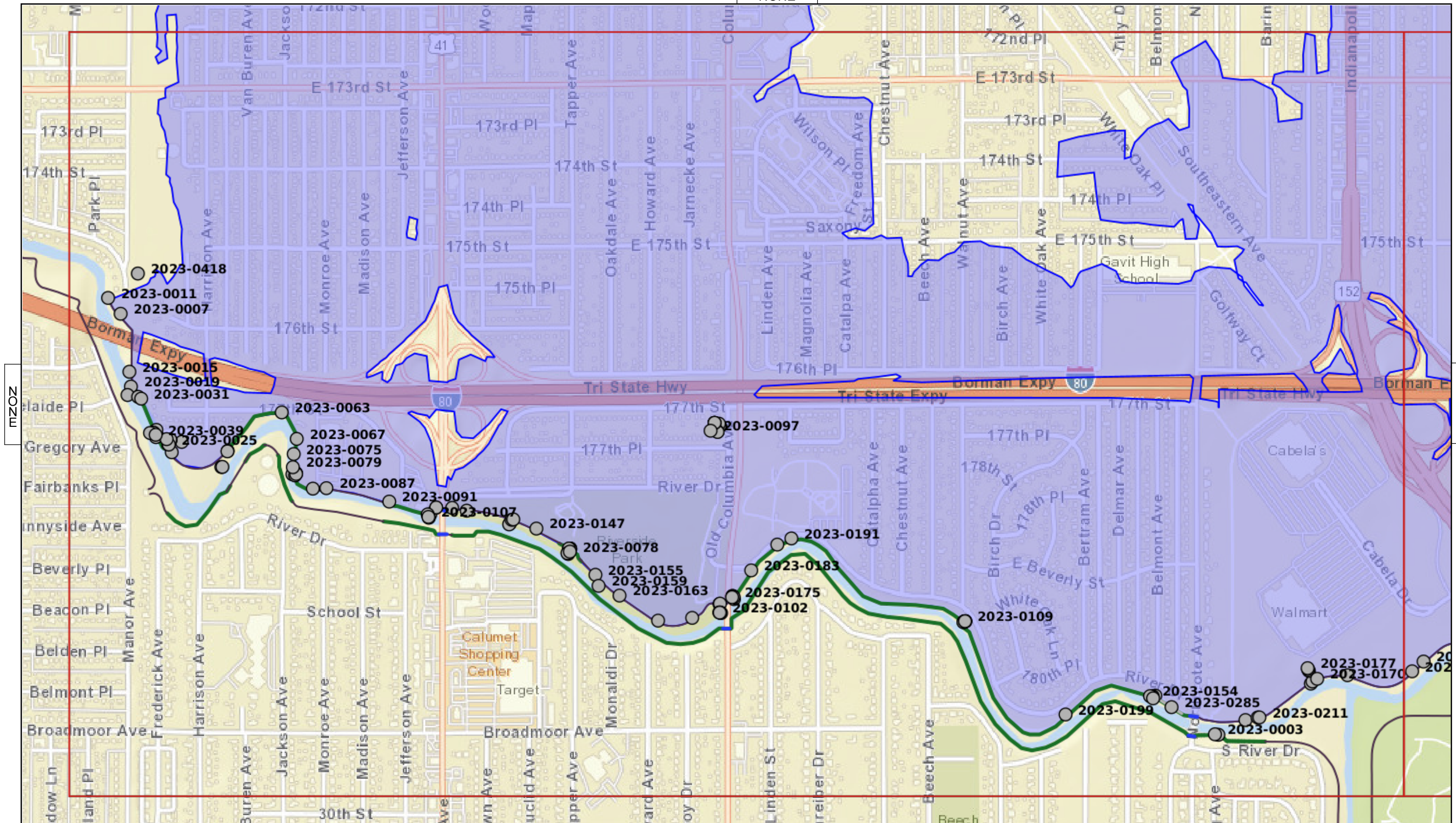
MAP ELEMENTS

3 Standard Sheets





NONE



NOZ

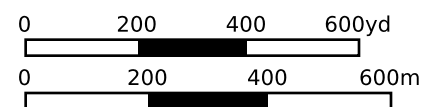
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OBSERVATIONS

- Acceptable
- Minimally Acceptable
- Unacceptable
- Not Applicable

Scale = 1:12000



NLD

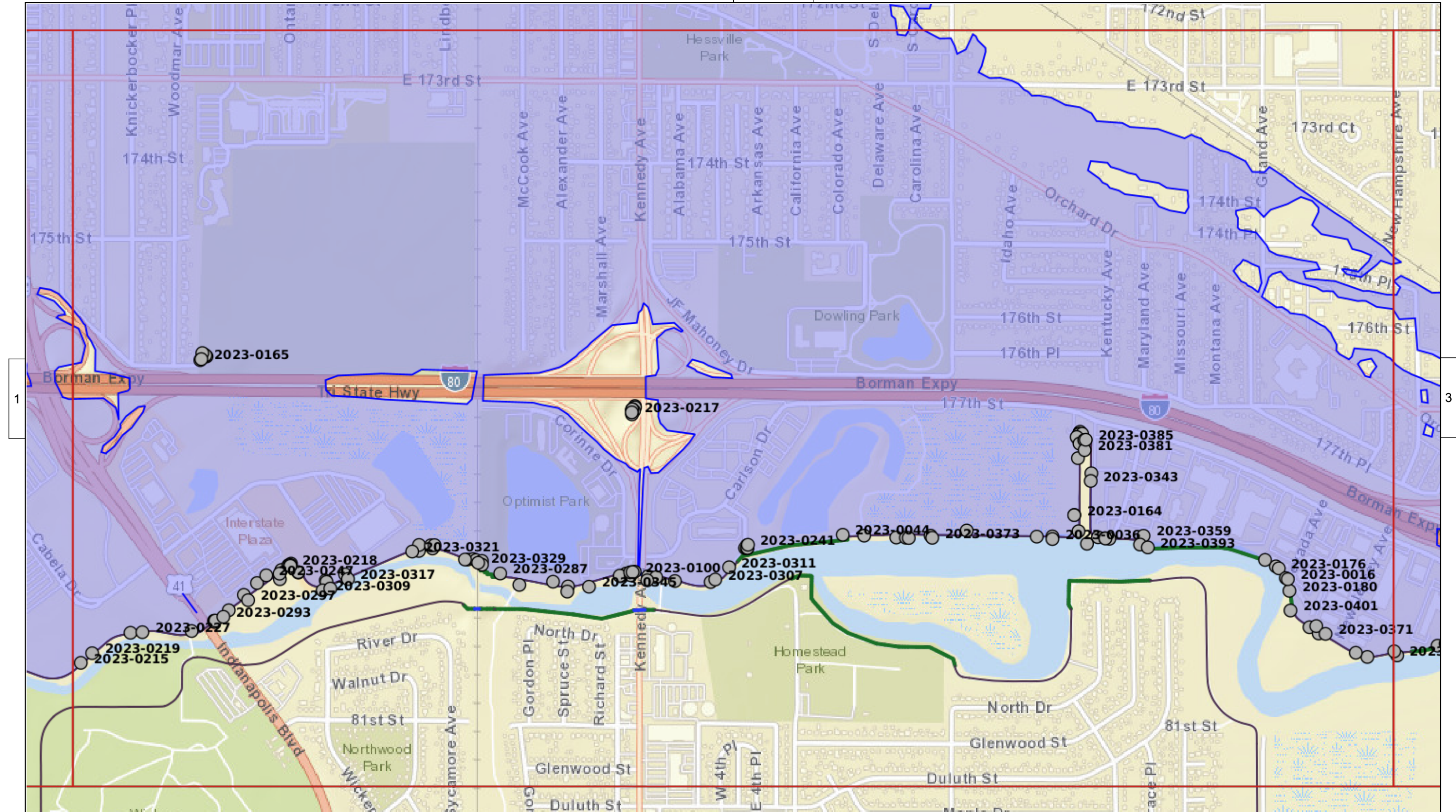
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Hammond

05-Jun-2023  
07-Jun-2023



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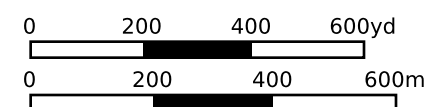
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## OBSERVATIONS

-  Acceptable
-  Minimally Acceptable
-  Unacceptable
-  Not Applicable

Scale = 1:12000



Sheet: 2

05-Jun-2023

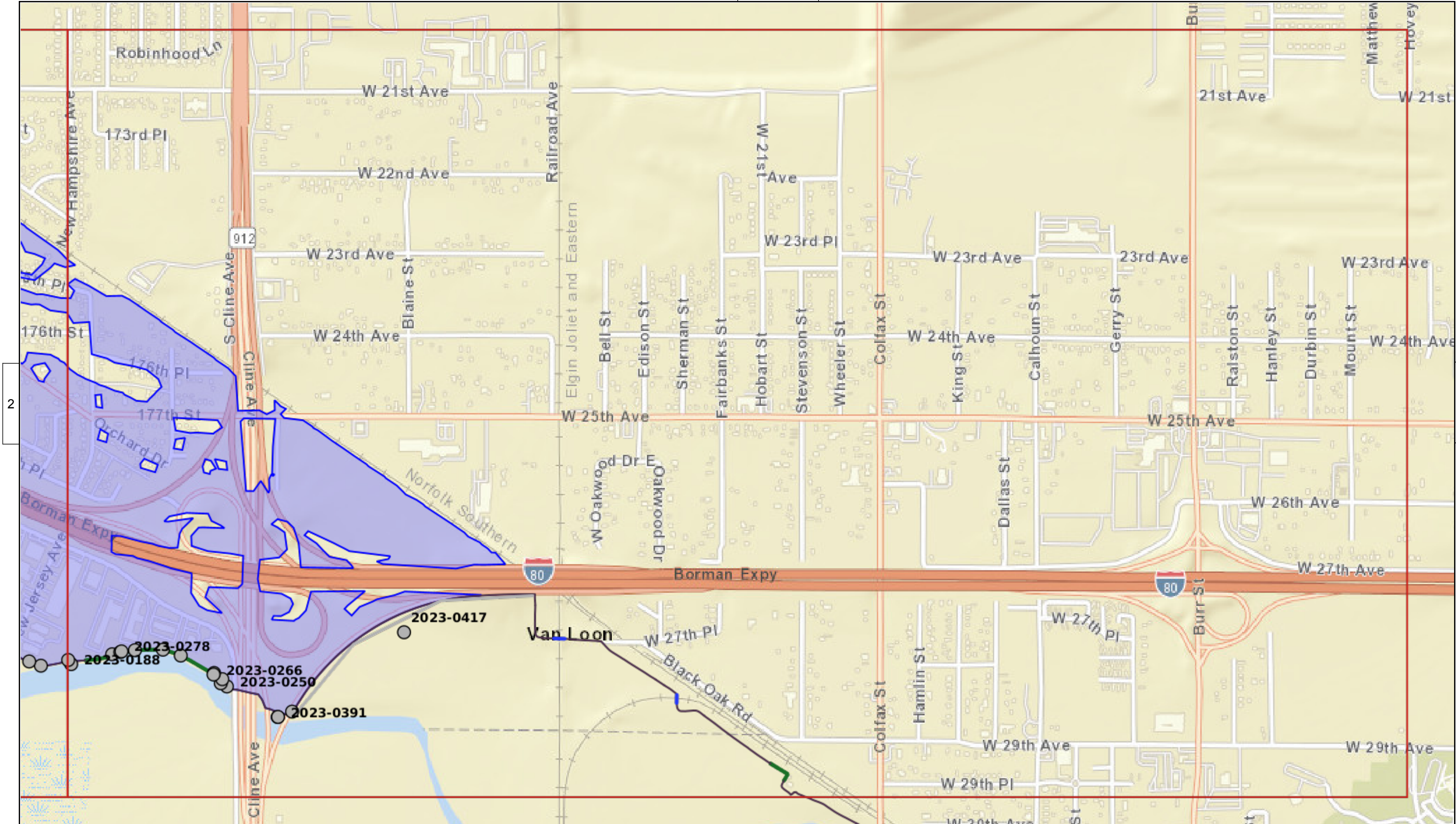
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Type: Site Visit

07-Jun-2023



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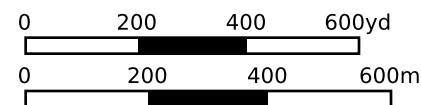
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**OBSERVATIONS**

-  Acceptable
-  Minimally Acceptable
-  Unacceptable
-  Not Applicable

Scale = 1:12000



NLD

Sheet: 3

Type: Site Visit

Hammond

05-Jun-2023

07-Jun-2023



**Hammond Levee (2605000009)/ Hammond Segment (2604000008)  
Levee Sponsor Pre-Inspection Form**

US Army Corps of Engineers ®

Purpose: To collect the best and most recent information to ensure all maintenance activities, including any improvements or repair work, and any other changes in condition are appropriately noted and documented during this inspection. This information is important to help pre-plan locations for inspectors during the field inspection.

Directions: To be filled out directly by the levee sponsor/maintaining agency or by USACE through interviewing the levee sponsor/maintaining agency during coordination efforts in preparation for the inspection. If the requested information is contained in supplemental documentation that was provided to USACE separately then only referencing to that supplemental documentation or providing information different than what is in the supplemental documentation is required on this form.

Levee Sponsor/Maintaining Agency: Little Calumet River Basin Development Commision

Date of last USACE Inspection:

<b>1. Summary of maintenance/repairs/modifications performed since the last USACE inspection (if not captured in maintenance logs/documentation that has been provided separately):</b> filled any holes, maintained vegetation
<b>2. Summary of planned actions/improvements/recommendations, but not yet accomplished:</b> new dill moters
<b>3. Results from inspections conducted by the levee sponsor/maintaining agency (if inspection documentation has not been provided separately):</b> NA
<b>4. Description of any performance information observed, including successful performance, since the last USACE inspection. Include intervention measures taken, such as floodfighting or operational actions (e.g. operating pumps or closures) during high water events:</b> NA
<b>5. Identify any specific locations or components that you would like to be closely inspected or have planned testing scheduled (e.g. for pump stations/closures/relief wells) to correspond with the USACE inspection:</b> NA
<b>6. Provide any other information you want to note to have occurred since the last USACE inspection, such as any training/testing/emergency exercises or communication activities:</b> NA

### Subset of Inspection Items for Rehabilitation Program Eligibility Determination

In order to be eligible, all of the following items must be rated A, M, N/A or Yes.

Note: Item numbers listed below refer to their placement in the Inspection Checklist for the Hammond Levee.

Rehabilitation Program Eligibility Determination		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Public sponsor provided maintenance information per the Public Sponsor Pre-Inspection Form.
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Non-federal levee system meets Initial Eligibility criteria.
N/A <input checked="" type="checkbox"/>		
If either of the above items is marked "No" the levee system is not eligible.		
Rating	Rated Item	
Levee Embankments		
A <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/>	3. Encroachments	
A <input type="checkbox"/> U <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	4. Closure Structures (Stop Log, Earthen Closures, Gates, or Sandbag Closures)	
A <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/>	5. Slope Stability	
A <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/>	6. Erosion/ Bank Caving	
A <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/>	10. Animal Control	
A <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> N/A <input type="checkbox"/>	11. Culverts/Discharge Pipes (This item includes both concrete and corrugated metal pipes.)	
A <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	14. Underseepage Relief Wells/Toe Drainage Systems	
Floodwalls – N/A		
A <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/>	2. Encroachments	
A <input checked="" type="checkbox"/> U <input type="checkbox"/> N/A <input type="checkbox"/>	3. Closure Structures (Stop Log Closures and Gates)	
A <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/>	5. Tilting, Sliding, or Settlement of Concrete Structures	
A <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/>	6. Foundation of Concrete Structures	



A	<input type="checkbox"/>	8. Underseepage Relief Wells/Toe Drainage Systems
M	<input type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input checked="" type="checkbox"/>	
<b>Interior Drainage System</b>		
A	<input type="checkbox"/>	9. Culverts/Discharge Pipes
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
A	<input type="checkbox"/>	10. Sluice/Slide Gates
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
A	<input type="checkbox"/>	11. Flap Gates/Flap Valves/Pinch Valves
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
<b>Pump Stations – N/A</b>		
A	<input checked="" type="checkbox"/>	17. Intake and Discharge Pipelines
M	<input type="checkbox"/>	
U	<input type="checkbox"/>	
A	<input type="checkbox"/>	18. Sluice/Slide Gates
M	<input checked="" type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
A	<input checked="" type="checkbox"/>	19. Flap Gates/Flap Valves/Pinch Valves
M	<input type="checkbox"/>	
U	<input type="checkbox"/>	
N/A	<input type="checkbox"/>	
<b>Rehabilitation Program Status</b>		
Active	<input checked="" type="checkbox"/>	System meets all interim eligibility criteria, including having received a rating of A, M, N/A or Yes for all subset items and is therefore eligible for rehabilitation assistance.
Inactive	<input type="checkbox"/>	System does not meet interim eligibility requirements.
Comments:  Only minor issues noted for the system.		