US Army Corps of Engineers ®

Site Visit Summary

Name of System: Gary

Name of Segment: Gary South

NLD System ID: 2605000003 NLD Segment ID: 2604000004

Segment Type: USACE Federally constructed, turned over to public sponsor 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: 04/11/2023 - 04/12/2023

Other Segments Within This System

Segment Name	NLD Segment ID#	Segment Type
NPS - Gary North Railroad Tieback	2604000017	Non-Federally Constructed, local O&M
NPS - Martin Luther King Drive	2604000019	Non-Federally Constructed, local O&M
INDOT	2604000015	Non-Federally Constructed, local O&M
Gary North	2604000003	USACE Constructed, Public sponsor O&M

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

Name	Organization	Discipline	Phone Number
Yuki Galisanao	USACE - Chicago District	Geotechnical	312-846-5469
Richard R. Realeza	USACE - Chicago District	Geotechnical	773-875-4548
Chris Schaal	USACE - Chicago District	Geotechnical	773-372-2925
Mike Cook	USACE - Chicago District	Geotechnical	312-965-9581
Jeremy Harris	USACE - Chicago District	Structural	630-816-7418
Eric Otte	First Response Maintenance		
Jeff Ratcliff	USACE - Chicago District	Electrical	813-995-3144
Dan Repay	LCRBDC		219-712-3188
Jonathan Lombardi	USACE - Chicago District	Mechanical	413-992-8868
Oliver King	Great Lakes Electrical Maintenance		
Sylvia Pimentel	USACE - Chicago District	Hydraulics	708-983-4493
William Brownlee	First Response Maintenance		

Keenan Colquitt	First Response Maintenance		
Benjamin Watts	First Response Maintenance		
Art Rundzaitis	USACE - Chicago District	Construction	312-890-3609
Kristine Gonzalez	USACE - Chicago District	Structural	312-841-8244
Alan Jaski	USACE - Chicago District	Electrical	708-271-7563

Levee Safety Program Manager Signature: _____ **Date:** 5/10/23

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]*

Minor issues with unwanted vegetation, debris, erosion/rutting/depressions, sod cover, concrete cracking and spalling, deteriorating joints, sluice and flap gates, pump stations (including missing O&M manuals at some stations), and increased animal burrow activities along the levee slopes.

Observations and Photos

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0010		
Description:	Small trees in the ditch along the landside toe.		
Caption:	0010 - No User Rating (Site Visit) - Small trees in the ditch along the landside toe.		
Lat/Long:	41.55272/-87.37468		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0031		
Description:	Small trees and woody debris on the landside toe.		
Caption:	0031 - No User Rating (Site Visit) - Small trees and woody debris on the landside toe.		
Lat/Long:	41.55654/-87.37473		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0037		
Description:	Some vegetation and large tree on the ditch along the landside toe.		
Caption:	0037 - No User Rating (Site Visit) - Some vegetation and large tree on the ditch along the landside toe.		
Lat/Long:	41.55689/-87.37468		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0067		
Description:	Some vegetation on the ditch along the landside toe.		
Caption:	0067 - No User Rating (Site Visit) - Some vegetation on the ditch along the landside toe.		
Lat/Long:	41.55877/-87.36653		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0070		
Description:	Vegetation along the riverside toe.		
Caption:	0070 - No User Rating (Site Visit) - Vegetation along the riverside toe.		
Lat/Long:	41.55906/-87.36629		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0091		
Description:	Vegetation on the ditch along the landside toe.		
Caption:	0091 - No User Rating (Site Visit) - Vegetation on the ditch along the landside toe.		
Lat/Long:	41.56465/-87.35861		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0127		
Description:	Vegetation along the riverside toe.		
Caption:	0127 - No User Rating (Site Visit) - Vegetation along the riverside toe.		
Lat/Long:	41.56350/-87.34601		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0136		
Description:	Vegetation was not burned along the left side portion of the levee embankment located east of North Gleason Park.		
Caption:	0316 - No User Rating (Site Visit) - Vegetation was not burned along the left side portion of the levee embankment located east of North Gleason Park.		
Lat/Long:	41.56088/-87.34441		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0148		
Description:	Vegetation along the riverside toe.		
Caption:	0148 - No User Rating (Site Visit) - Vegetation along the riverside toe.		
Lat/Long:	41.56028/-87.34350		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0160		
Description:	Slopes are well maintained starting at about 1600 feet west of Broadway crossing.		
Caption:	0160 - No User Rating (Site Visit) - Slopes are well maintained starting at about 1600 feet west of Broadway crossing.		
Lat/Long:	41.55937/-87.34138		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0163		
Description:	Small tree on the riverside toe.		
Caption:	0163 - No User Rating (Site Visit) - Small tree on the riverside toe.		
Lat/Long:	41.55910/-87.33962		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0199		
Description:	Trees encroaching the landside toe clearance.		
Caption:	0199 - No User Rating (Site Visit) - Trees encroaching the landside toe clearance.		
Lat/Long:	41.56070/-87.33607		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0280		
Description:	Tree, bush and phragmites encroaching the landside toe clearance.		
Caption:	0280 - No User Rating (Site Visit) - Tree, bush and phragmites encroaching the landside toe clearance.		
Lat/Long:	41.56458/-87.31921		

Category:	Levee Embankments	Item:	Unwanted Vegetation
Observation ID:	2023-0289		
Description:	Phragmites encroaching the landside toe clearance.		
Caption:	0289 - No User Rating (Site Visit) - Phragmites encroaching the landside toe clearance.		
Lat/Long:	41.55955/-87.32621		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0013		
Description:	Good sod cover noted.		
Caption:	0013 - No User Rating (Site Visit) - Good sod cover noted.		
Lat/Long:	41.55452/-87.37481		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0022		
Description:	Poor sod cover on the riverside slope.		
Caption:	0022 - No User Rating (Site Visit) - Poor sod cover on the riverside slope.		
Lat/Long:	41.55525/-87.37458		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0025		
Description:	Poor sod cover on the landside slope.		
Caption:	0025 - No User Rating (Site Visit) - Poor sod cover on the landside slope.		
Lat/Long:	41.55563/-87.37479		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0064		
Description:	Good sod cover on the landside.		
Caption:	0064 - No User Rating (Site Visit) - Good sod cover on the landside.		
Lat/Long:	41.55884/-87.36653		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0205		
Description:	Poor sod cover on the riverside slope.		
Caption:	0205 - No User Rating (Site Visit) - Poor sod cover on the riverside slope.		
Lat/Long:	41.56073/-87.33284		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0226		
Description:	Poor sod cover on the landside and riverside slopes.		
Caption:	0226_1 - No User Rating (Site Visit) - Poor sod cover on the landside and riverside slopes.		
Lat/Long:	41.56063/-87.32632		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0226		
Description:	Poor sod cover on the landside and riverside slopes.		
Caption:	0226_2 - No User Rating (Site Visit) - Poor sod cover on the landside and riverside slopes.		
Lat/Long:	41.56063/-87.32632		

Category:	Levee Embankments	Item:	Sod Cover
Observation ID:	2023-0250		
Description:	Poor sod cover on the landside slopes.		
Caption:	0250 - No User Rating (Site Visit) - Poor sod cover on the landside slopes.		
Lat/Long:	41.56063/-87.32146		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0001		
Description:	Tire and wooden debris on the riverside.		
Caption:	0001 - No User Rating (Site Visit) - Tire and wooden debris on the riverside.		
Lat/Long:	41.55252/-87.37490		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0004		
Description:	Trash and other debris on the landside.		
Caption:	0004 - No User Rating (Site Visit) - Trash and other debris on the landside.		
Lat/Long:	41.55254/-87.37475		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0028		
Description:	Encroachment		
Caption:	0028 - No User Rating (Site Visit) - Concrete posts, trees and some vegetation encroaching the landside toe.		
Lat/Long:	41.55576/-87.37479		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0040		
Description:	Mattress on the riverside slope.		
Caption:	0040 - No User Rating (Site Visit) - Mattress on the riverside slope.		
Lat/Long:	41.55689/-87.37479		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0049		
Description:	Wooden debris on the riverside toe.		
Caption:	0049 - No User Rating (Site Visit) - Wooden debris on the riverside toe.		
Lat/Long:	41.55890/-87.37448		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0085		
Description:	Wooden debris on the riverside toe.		
Caption:	0085 - No User Rating (Site Visit) - Wooden debris on the riverside toe.		
Lat/Long:	41.56376/-87.35934		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0211		
Description:	Some debris on the landside and riverside. Tree in photo is acceptable (part of design plan).		
Caption:	0211 - No User Rating (Site Visit) - Some debris on the landside and riverside. Tree in photo is acceptable (part of design plan).		
Lat/Long:	41.56075/-87.32782		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0232		
Description:	Tree log encroaching on the riverside toe.		
Caption:	0232 - No User Rating (Site Visit) - Tree log encroaching on the riverside toe.		
Lat/Long:	41.56067/-87.32556		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0262		
Description:	Tree log encroaching on the riverside toe.		
Caption:	0262 - No User Rating (Site Visit) - Tree log encroaching on the riverside toe.		
Lat/Long:	41.56186/-87.31934		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0271		
Description:	Tree log encroaching on the riverside toe.		
Caption:	0271 - No User Rating (Site Visit) - Tree log encroaching on the riverside toe.		
Lat/Long:	41.56357/-87.31906		

Category:	Levee Embankments	Item:	Encroachments
Observation ID:	2023-0283		
Description:	Debris and some vegetation encroaching the riverside toe clearance.		
Caption:	0283 - No User Rating (Site Visit) - Debris and some vegetation encroaching the riverside toe clearance.		
Lat/Long:	41.56518/-87.31932		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0061		
Description:	Erosion at the toe on the north of berm located 1000 feet north of the Village Shopping Center.		
Caption:	0061 - No User Rating (Site Visit) - Erosion at the toe on the north of berm located 1000 feet north of the Village Shopping Center.		
Lat/Long:	41.55900/-87.36764		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0073		
Description:	Erosion on the riverside toe located 2000 feet west of Grant St.		
Caption:	0073 - No User Rating (Site Visit) - Erosion on the riverside toe located 2000 feet west of Grant St.		
Lat/Long:	41.55897/-87.36316		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0076		
Description:	Erosion around the well wall located about 650 feet west of Grant Street.		
Caption:	0076 - No User Rating (Site Visit) - Erosion around the well wall located about 650 feet west of Grant Street.		
Lat/Long:	41.55886/-87.35923		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0079		
Description:	Erosion on the toe of the wingwall located 650 feet west of Grant Street.		
Caption:	0079 - No User Rating (Site Visit) - Erosion on the toe of the wingwall located 650 feet west of Grant Street.		
Lat/Long:	41.56050/-87.35944		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0082		
Description:	Caving along the riverside toe located south of the Little Cal river (parallel to Grant Street).		
Caption:	0082 - No User Rating (Site Visit) - Caving along the riverside toe located south of the Little Cal river (parallel to Grant Street).		
Lat/Long:	41.56122/-87.35943		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0088		
Description:	Severe erosion on riverside toe located SW of Little Cal river and Grant Street.		
Caption:	0088 - No User Rating (Site Visit) - Severe erosion on riverside toe located SW of Little Cal river and Grant Street.		
Lat/Long:	41.56427/-87.35943		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0229		
Description:	Erosion of about 8-inch deep x 8-ft long x 5-ft wide located on the landside toe east of Georgia Street.		
Caption:	0229 - No User Rating (Site Visit) - Erosion of about 8-inch deep x 8-ft long x 5-ft wide located on the landside toe east of Georgia Street.		
Lat/Long:	41.56055/-87.32591		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0238		
Description:	Erosion of about 4-inch deep x 10-ft long x 5-ft wide located on the landside toe east of Georgia Street.		
Caption:	0238 - No User Rating (Site Visit) - Erosion of about 4-inch deep x 10-ft long x 5-ft wide located on the landside toe east of Georgia Street.		
Lat/Long:	41.56055/-87.32444		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0259		
Description:	Slope/bank erosion on the riverside slope west of Martin Luther King Drive.		
Caption:	0259 - No User Rating (Site Visit) - Slope/bank erosion on the riverside slope west of Martin Luther King Drive.		
Lat/Long:	41.56186/-87.31935		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0265		
Description:	Slope/bank erosion on the riverside slope west of Martin Luther King Drive.		
Caption:	0265 - No User Rating (Site Visit) - Slope/bank erosion on the riverside slope west of Martin Luther King Drive.		
Lat/Long:	41.56291/-87.31905		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0274		
Description:	Erosion on the riverside toe west of Martin Luther King Drive.		
Caption:	0274 - No User Rating (Site Visit) - Erosion on the riverside toe west of Martin Luther King Drive.		
Lat/Long:	41.56373/-87.31921		

Category:	Levee Embankments	Item:	Erosion/ Bank Caving
Observation ID:	2023-0277		
Description:	Erosion on the riverside toe west of Martin Luther King Drive.		
Caption:	0277 - No User Rating (Site Visit) - Erosion on the riverside toe west of Martin Luther King Drive.		
Lat/Long:	41.56456/-87.31931		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0007		
Description:	Rutting about 4 inches deep on the riverside located NW of Norfolk Southern RR and Chase Street.		
Caption:	0007 - No User Rating (Site Visit) - Rutting about 4 inches deep on the riverside located NW of Norfolk Southern RR and Chase Street.		
Lat/Long:	41.55275/-87.37481		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0043		
Description:	Depression on the riverside toe located 600 feet NE of Chase and W. 35 Street intersection.		
Caption:	0043 - No User Rating (Site Visit) - Depression on the riverside toe located 600 feet NE of Chase and W. 35 Street intersection.		
Lat/Long:	41.55714/-87.37492		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0055		
Description:	Depression along the riverside slope located north of the Village Shopping Center.		
Caption:	0055 - No User Rating (Site Visit) - Depression along the riverside slope located north of the Village Shopping Center.		
Lat/Long:	41.55898/-87.37073		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0106		
Description:	Some ruts over the levee crown on the SE of Little Cal river and Grant Street.		
Caption:	0106 - No User Rating (Site Visit) - Some ruts over the levee crown on the SE of Little Cal river and Grant Street.		
Lat/Long:	41.56466/-87.35462		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0112		
Description:	Some ruts over the riverside toe and slope on the SE of Little Cal river and Grant Street.		
Caption:	0112 - No User Rating (Site Visit) - Some ruts over the riverside toe and slope on the SE of Little Cal river and Grant Street.		
Lat/Long:	41.56381/-87.35335		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0133		
Description:	Some ruts over the landside slope on the north of Gleason Park.		
Caption:	0133 - No User Rating (Site Visit) - Some ruts over the landside slope on the north of Gleason Park.		
Lat/Long:	41.56115/-87.34487		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0157		
Description:	Depression on the landside slope of about 12-inch wide and 3-inch deep located at north of Jefferson Street and W. 33rd Avenue.		
Caption:	0157 - No User Rating (Site Visit) - Depression on the landside slope of about 12-inch wide and 3-inch deep located at north of Jefferson Street and W. 33rd Avenue.		
Lat/Long:	41.55947/-87.34118		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0169		
Description:	Depression on the landside slope of about 24-inch wide and 3-inch deep located at NW of Broadway Street and W. 33rd Avenue.		
Caption:	0169 - No User Rating (Site Visit) - Depression on the landside slope of about 24-inch wide and 3-inch deep located at NW of Broadway Street and W. 33rd Avenue.		
Lat/Long:	41.55906/-87.33759		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0172		
Description:	Depression on the landside slope of about 30-inch wide and 3-inch deep located at NW of Broadway Street and W. 33rd Avenue.		
Caption:	0172 - No User Rating (Site Visit) - Depression on the landside slope of about 30-inch wide and 3-inch deep located at NW of Broadway Street and W. 33rd Avenue.		
Lat/Long:	41.55917/-87.33744		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0223		
Description:	Depression on the landside slope near Georgia Street.		
Caption:	0223 - No User Rating (Site Visit) - Depression on the landside slope near Georgia Street.		
Lat/Long:	41.56080/-87.32689		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0235		
Description:	Some ruts along the riverside slope located 500 feet east of Georgia Street.		
Caption:	0235 - No User Rating (Site Visit) - Some ruts along the riverside slope located 500 feet east of Georgia Street.		
Lat/Long:	41.56068/-87.32559		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0244		
Description:	Depression on the landside toe of about 6-inch diameter and 8-inch deep located 600 feet east of Georgia Street.		
Caption:	0244 - No User Rating (Site Visit) - Depression on the landside toe of about 6-inch diameter and 8-inch deep located 600 feet east of Georgia Street.		
Lat/Long:	41.56055/-87.32352		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0247		
Description:	Depression on the riverside slope about 600 feet west of Martin Luther King Drive.		
Caption:	0247 - No User Rating (Site Visit) - Depression on the riverside slope about 600 feet west of Martin Luther King Drive.		
Lat/Long:	41.56066/-87.32172		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0253		
Description:	Depression and some rutting on the landside toe about 600 feet west of Martin Luther King Drive.		
Caption:	0253 - No User Rating (Site Visit) - Depression and some rutting on the landside toe about 600 feet west of Martin Luther King Drive.		
Lat/Long:	41.56059/-87.32082		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0256		
Description:	Some rutting on the riverside slope about 300 feet west of Martin Luther King Drive.		
Caption:	0256 - No User Rating (Site Visit) - Some rutting on the riverside slope about 300 feet west of Martin Luther King Drive.		
Lat/Long:	41.56072/-87.31938		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0268		
Description:	Depression on the riverside toe of about 6-inch wide x 12-ft long x 5-inch deep located 600 feet east of Martin Luther King Drive.		
Caption:	0268 - No User Rating (Site Visit) - Depression on the riverside toe of about 6-inch wide x 12-ft long x 5-inch deep located 600 feet east of Martin Luther King Drive.		
Lat/Long:	41.56296/-87.31926		

Category:	Levee Embankments	Item:	Depressions/ Rutting
Observation ID:	2023-0286		
Description:	Some rutting on the riverside slope about 100 feet west of Martin Luther King Drive.		
Caption:	0286 - No User Rating (Site Visit) - Some rutting on the riverside slope about 100 feet west of Martin Luther King Drive.		
Lat/Long:	41.56518/-87.31932		

Category:	Levee Embankments	Item:	Cracking
Observation ID:	2023-0109		
Description:	Asphalt cracking on the levee crown located at SE of Little Cal river and Grant Street.		
Caption:	0109 - No User Rating (Site Visit) - Asphalt cracking on the levee crown located at SE of Little Cal river and Grant Street.		
Lat/Long:	41.56413/-87.35349		

Category:	Levee Embankments	Item:	Cracking
Observation ID:	2023-0115		
Description:	Asphalt cracking on the levee crown located at SE of Little Cal river and Grant Street.		
Caption:	0115 - No User Rating (Site Visit) - Asphalt cracking on the levee crown located at SE of Little Cal river and Grant Street.		
Lat/Long:	41.56377/-87.35265		

Category:	Levee Embankments	Item:	Cracking
Observation ID:	2023-0124		
Description:	Vegetation in the asphalt crack on the levee crown located about 600 feet west of Harrison Street and W. 30th Avenue.		
Caption:	0124 - No User Rating (Site Visit) - Vegetation in the asphalt crack on the levee crown located about 600 feet west of Harrison Street and W. 30th Avenue.		
Lat/Long:	41.56383/-87.34842		

Category:	Levee Embankments	Item:	Cracking
Observation ID:	2023-0214		
Description:	Longitudinal cracking and depression on the levee crown located about 250 feet west of Georgia Street.		
Caption:	0214 - No User Rating (Site Visit) - Longitudinal cracking and depression on the levee crown located about 250 feet west of Georgia Street.		
Lat/Long:	41.56070/-87.32810		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0016		
Description:	Animal burrow activity on the landside slope located SE of Chase Street and W. 35th Avenue.		
Caption:	0016 - No User Rating (Site Visit) - Animal burrow activity on the landside slope located SE of Chase Street and W. 35th Avenue.		
Lat/Long:	41.55469/-87.37475		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0034		
Description:	Animal burrow activity on the landside slope located NE of Chase Street and W. 35th Avenue.		
Caption:	0034 - No User Rating (Site Visit) - Animal burrow activity on the landside slope located NE of Chase Street and W. 35th Avenue.		
Lat/Long:	41.55658/-87.37457		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0046		
Description:	Animal burrow activity on the landside slope located 150 feet east of Chase Street.		
Caption:	0046 - No User Rating (Site Visit) - Animal burrow activity on the landside slope located 150 feet east of Chase Street.		
Lat/Long:	41.55777/-87.37474		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0052		
Description:	Animal burrow activity on the riverside slope located 1000 feet east of Chase Street.		
Caption:	0052 - No User Rating (Site Visit) - Animal burrow activity on the riverside slope located 1000 feet east of Chase Street.		
Lat/Long:	41.55889/-87.37085		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0058		
Description:	Animal burrow activity on the landside slope located north of the Village Shopping Center.		
Caption:	0058 - No User Rating (Site Visit) - Animal burrow activity on the landside slope located north of the Village Shopping Center.		
Lat/Long:	41.55890/-87.36891		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0145		
Description:	Animal burrow activity on the landside slope about 6 to 12 inches deep located SE of North Gleason Park, parallel to Jefferson Street.		
Caption:	0145 - No User Rating (Site Visit) - Animal burrow activity on the landside slope about 6 to 12 inches deep located SE of North Gleason Park, parallel to Jefferson Street.		
Lat/Long:	41.55925/-87.34091		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0151		
Description:	Animal burrow activity on the riverside slope about 6 inches deep located SE of North Gleason Park, parallel to Jefferson Street.		
Caption:	0151 - No User Rating (Site Visit) - Animal burrow activity on the riverside slope about 6 inches deep located SE of North Gleason Park, parallel to Jefferson Street.		
Lat/Long:	41.56040/-87.34288		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0154		
Description:	Animal burrow activity on the landside slope about 30 inches deep located SE of North Gleason Park, parallel to Jefferson Street.		
Caption:	0154 - No User Rating (Site Visit) - Animal burrow activity on the landside slope about 30 inches deep located SE of North Gleason Park, parallel to Jefferson Street.		
Lat/Long:	41.55989/-87.34218		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0166		
Description:	Animal burrow activity on the landside slope about 20 inches deep located NW of Broadway and W. 33rd Avenue, parallel to Jefferson Street.		
Caption:	0166 - No User Rating (Site Visit) - Animal burrow activity on the landside slope about 20 inches deep located NW of Broadway and W. 33rd Avenue, parallel to Jefferson Street.		
Lat/Long:	41.55898/-87.33928		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0175		
Description:	Animal burrow activity on the landside slope about 35 inches deep located near NW of Broadway and W. 33rd Avenue.		
Caption:	0175 - No User Rating (Site Visit) - Animal burrow activity on the landside slope about 35 inches deep located near NW of Broadway and W. 33rd Avenue.		
Lat/Long:	41.55936/-87.33740		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0202		
Description:	Animal burrow activity on the riverside toe about 17 inches deep located near SE of Broadway and Little Cal River.		
Caption:	0202_1 - No User Rating (Site Visit) - Animal burrow activity on the riverside toe about 17 inches deep located near SE of Broadway and Little Cal River.		
Lat/Long:	41.56074/-87.33357		

Category:	Levee Embankments	Item:	Animal Control
Observation ID:	2023-0202		
Description:	Animal burrow activity on the riverside toe about 17 inches deep located near SE of Broadway and Little Cal River.		
Caption:	0202_2 - No User Rating (Site Visit) - Animal burrow activity on the riverside toe about 17 inches deep located near SE of Broadway and Little Cal River.		
Lat/Long:	41.56074/-87.33357		

Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0100		
Description:	Small trees on the landside ground line/base located near Grant Street.		
Caption:	0100 - No User Rating (Site Visit) - Small trees on the landside ground line/base located near Grant Street.		
Lat/Long:	41.56468/-87.35579		

Category:	Floodwalls	Item:	Unwanted Vegetation
Observation ID:	2023-0103		
Description:	Vegetation on the riverside floodwall near Grant Street.		
Caption:	0103 - No User Rating (Site Visit) - Vegetation on the riverside floodwall near Grant Street.		
Lat/Long:	41.56472/-87.35492		

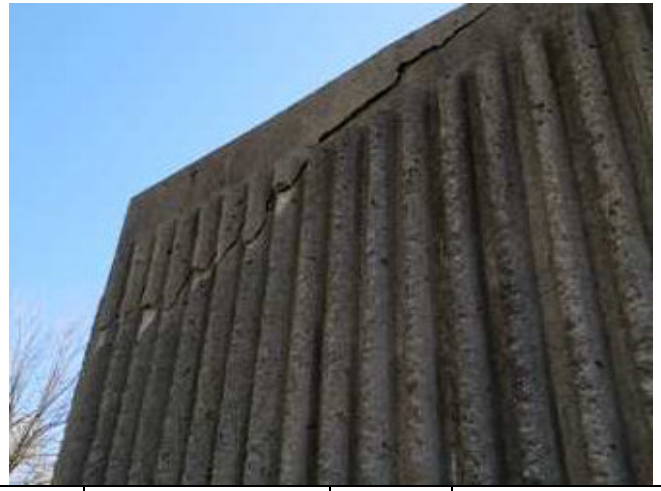
Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0097		
Description:	Trash and debris on the landside within 15 feet of floodwall.		
Caption:	0097 - No User Rating (Site Visit) - Trash and debris on the landside within 15 feet of floodwall.		
Lat/Long:	41.56509/-87.35586		

Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0193		
Description:	Broken signage near Broadway encroaching on riverside of floodwall.		
Caption:	0193 - No User Rating (Site Visit) - Broken signage near Broadway encroaching on riverside of floodwall.		
Lat/Long:	41.56071/-87.33639		

Category:	Floodwalls	Item:	Encroachments
Observation ID:	2023-0196		
Description:	Cinder block encroaching on riverside of floodwall near Broadway.		
Caption:	0196 - No User Rating (Site Visit) - Cinder block encroaching on riverside of floodwall near Broadway.		
Lat/Long:	41.56074/-87.33636		

Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0094		
Description:	Concrete spalling on top of floodwall near Grant Street.		
Caption:	0094 - No User Rating (Site Visit) - Concrete spalling on top of floodwall near Grant Street.		
Lat/Long:	41.56467/-87.35691		

Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0178		
Description:	Concrete crack on top of floodwall near Broadway.		
Caption:	0178 - No User Rating (Site Visit) - Concrete crack on top of floodwall near Broadway.		
Lat/Long:	41.56011/-87.33756		



Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0181		
Description:	Fascia spalling on floodwall facing near Broadway.		
Caption:	0181 - No User Rating (Site Visit) - Fascia spalling on floodwall facing near Broadway.		
Lat/Long:	41.56027/-87.33757		

Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0184		
Description:	Hole in the floodwall facing near Broadway about 4 inches deep by 2-inch diameter.		
Caption:	0184 - No User Rating (Site Visit) - Hole in the floodwall facing near Broadway about 4 inches deep by 2-inch diameter.		
Lat/Long:	41.56052/-87.33732		

Category:	Floodwalls	Item:	Concrete Surfaces
Observation ID:	2023-0220		
Description:	Concrete crack on top of floodwall (facing the riverside) near Georgia Street.		
Caption:	0220 - No User Rating (Site Visit) - Concrete crack on top of floodwall (facing the riverside) near Georgia Street.		
Lat/Long:	41.56065/-87.32715		

Category:	Floodwalls	Item:	Foundation of Concre
Observation ID:	2023-0190		
Description:	Animal burrow activity on the floodwall base near Broadway to about 8 feet long by 2 feet deep.		
Caption:	0190 - No User Rating (Site Visit) - Animal burrow activity on the floodwall base near Broadway to about 8 feet long by 2 feet deep.		
Lat/Long:	41.56043/-87.33721		

Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0019		
Description:	Small tree in the wall joints and sealant wearing down/cracking near the intersection of W. 35th Avenue and Chase Street.		
Caption:	0019 - No User Rating (Site Visit) - Small tree in the wall joints and sealant wearing down/cracking near the intersection of W. 35th Avenue and Chase Street.		
Lat/Long:	41.55508/-87.37477		

Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0139		
Description:	Sealant not cured in the wall east of North Gleason Park.		
Caption:	0139 - No User Rating (Site Visit) - Sealant not cured in the wall east of North Gleason Park.		
Lat/Long:	41.56077/-87.34416		

Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0142		
Description:	Sealant cracks in the wall east of North Gleason Park.		
Caption:	0142 - No User Rating (Site Visit) - Sealant cracks in the wall east of North Gleason Park.		
Lat/Long:	41.56057/-87.34400		

Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0187		
Description:	Sealant cracks in the wall near Broadway.		
Caption:	0187 - No User Rating (Site Visit) - Sealant cracks in the wall near Broadway.		
Lat/Long:	41.56060/-87.33716		

Category:	Floodwalls	Item:	Monolith Joints
Observation ID:	2023-0217		
Description:	Sealant cracking in the wall joints near Georgia Street.		
Caption:	0217 - No User Rating (Site Visit) - Sealant cracking in the wall joints near Georgia Street.		
Lat/Long:	41.56066/-87.32731		

Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0033		
Description:	GS-3: Some debris at the SW gate in the ditch.		
Caption:	0033 - No User Rating (Site Visit) - GS-3: Some debris at the SW gate in the ditch.		
Lat/Long:	41.55883/-87.35925		

Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0036		
Description:	GS-3: debris and obstructions visible at the NE gate in the ditch.		
Caption:	0036 - No User Rating (Site Visit) - GS-3: debris and obstructions visible at the NE gate in the ditch.		
Lat/Long:	41.55884/-87.35929		

Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0057		
Description:	GS-6c: Some debris was noted when gate was opened and closed. Gate closed completely.		
Caption:	0057 - No User Rating (Site Visit) - GS-6c: Some debris was noted when gate was opened and closed. Gate closed completely.		
Lat/Long:	41.56458/-87.35518		

Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0118		
Description:	Vegetation in ditches located east of Grant Street.		
Caption:	0118 - No User Rating (Site Visit) - Vegetation in ditches located east of Grant Street.		
Lat/Long:	41.56375/-87.35264		

Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0126		
Description:	Debris and obstructions at GS-16 inlet near Georgia Street.		
Caption:	0126 - No User Rating (Site Visit) - Debris and obstructions at GS-16 inlet near Georgia Street.		
Lat/Long:	41.56076/-87.32659		

Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0132		
Description:	Some vegetation at GS-16 inlet near Georgia Street.		
Caption:	0132 - No User Rating (Site Visit) - Some vegetation at GS-16 inlet near Georgia Street.		
Lat/Long:	41.56077/-87.32666		

Category:	Interior Drainage System	Item:	Vegetation and Obstr
Observation ID:	2023-0241		
Description:	Phragmites encroachment that extends around levee bend, located east of Georgia Street.		
Caption:	0241 - No User Rating (Site Visit) - Phragmites encroachment that extends around levee bend, located east of Georgia Street.		
Lat/Long:	41.56060/-87.32452		

Category:	Interior Drainage System	Item:	Encroachments
Observation ID:	2023-0121		
Description:	Trash in the drainage near Grant Street.		
Caption:	0121 - No User Rating (Site Visit) - Trash in the drainage near Grant Street.		
Lat/Long:	41.56387/-87.35187		

Category:	Interior Drainage System	Item:	Fencing and Gates
Observation ID:	2023-0096		
Description:	Corrosion of fence on GS-12 near Broadway.		
Caption:	0096 - No User Rating (Site Visit) - Corrosion of fence on GS-12 near Broadway.		
Lat/Long:	41.56073/-87.33595		

Category:	Interior Drainage System	Item:	Fencing and Gates
Observation ID:	2023-0105		
Description:	GS-14: fence and post broken.		
Caption:	0105 - No User Rating (Site Visit) - GS-14: fence and post broken.		
Lat/Long:	41.56066/-87.33364		

Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0099		
Description:	Typical spalling of concrete at corners of GS-12 structure near Broadway.		
Caption:	0099 - No User Rating (Site Visit) - Typical spalling of concrete at corners of GS-12 structure near Broadway.		
Lat/Long:	41.56076/-87.33597		

Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0111		
Description:	Delamination and spalling in concrete at patch and corners at GS-14 near Broadway.		
Caption:	0111 - No User Rating (Site Visit) - Delamination and spalling in concrete at patch and corners at GS-14 near Broadway.		
Lat/Long:	41.56069/-87.33362		

Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0120		
Description:	Delamination and spalling in concrete at patch and corners at GS-15 near Broadway.		
Caption:	0120 - No User Rating (Site Visit) - Delamination and spalling in concrete at patch and corners at GS-15 near Broadway.		
Lat/Long:	41.56069/-87.33299		

Category:	Interior Drainage System	Item:	Concrete Surfaces (S
Observation ID:	2023-0129		
Description:	Delamination and spalling in concrete at joints at GS-16 near Georgia Street.		
Caption:	0129 - No User Rating (Site Visit) - Delamination and spalling in concrete at joints at GS-16 near Georgia Street.		
Lat/Long:	41.56071/-87.32670		

Category:	Interior Drainage System	Item:	Foundation of Concre
Observation ID:	2023-0039		
Description:	Erosion around GS-3 and access ramp structures near Grant Street.		
Caption:	0039 - No User Rating (Site Visit) - Erosion around GS-3 and access ramp structures near Grant Street.		
Lat/Long:	41.55886/-87.35949		

Category:	Interior Drainage System	Item:	Culverts/ Discharge
Observation ID:	2023-0208		
Description:	Debris and some damage were observed at the pipe invert near Delaware Street.		
Caption:	0208 - No User Rating (Site Visit) - Debris and some damage were observed at the pipe invert near Delaware Street.		
Lat/Long:	41.56049/-87.33207		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0018		
Description:	GS-2a-d: Gates were partially open; acceptable conditions.		
Caption:	0018 - No User Rating (Site Visit) - GS-2a-d: Gates were partially open; acceptable conditions.		
Lat/Long:	41.55879/-87.36691		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0021		
Description:	GS-2a: gate closed completely.		
Caption:	0021 - No User Rating (Site Visit) - GS-2a: gate closed completely.		
Lat/Long:	41.55879/-87.36691		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0024		
Description:	GS-2b: gate was squeaky when closed fully.		
Caption:	0024 - No User Rating (Site Visit) - GS-2b: gate was squeaky when closed fully.		
Lat/Long:	41.55881/-87.36689		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0027		
Description:	GS-2c: gate was squeaky when closed fully.		
Caption:	0027 - No User Rating (Site Visit) - GS-2c: gate was squeaky when closed fully.		
Lat/Long:	41.55879/-87.36690		

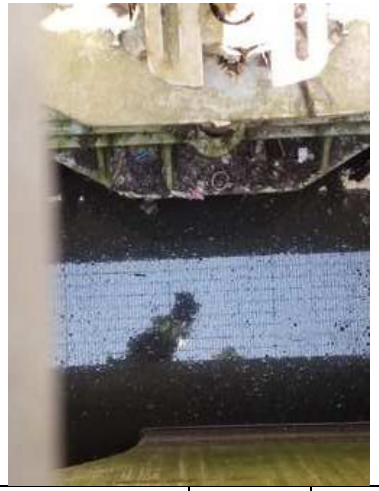
Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0030		
Description:	GS-2d: gate was squeaky when closed fully.		
Caption:	0030 - No User Rating (Site Visit) - GS-2d: gate was squeaky when closed fully.		
Lat/Long:	41.55884/-87.36698		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0042		
Description:	GS-3: closed completely.		
Caption:	0042 - No User Rating (Site Visit) - GS-3: closed completely.		
Lat/Long:	41.55894/-87.35974		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0045		
Description:	GS-4: closed completely.		
Caption:	0045 - No User Rating (Site Visit) - GS-4: closed completely.		
Lat/Long:	41.56052/-87.35918		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0063		
Description:	GS-10: Gate opened and closed completely. No sediment noted.		
Caption:	0063 - No User Rating (Site Visit) - GS-10: Gate opened and closed completely. No sediment noted.		
Lat/Long:	41.56061/-87.34399		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0072		
Description:	GS-11a: gate was opened, no sediment noted.		
Caption:	0072 - User Rating (Site Visit) - GS-11a: gate was opened, no sediment noted.		
Lat/Long:	41.56077/-87.33638		



Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0075		
Description:	GS-11b: gate opened.		
Caption:	0075 - No User Rating (Site Visit) - GS-11b: gate opened.		
Lat/Long:	41.56074/-87.33635		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0078		
Description:	GS-11a: gate partially closed. Sediment/silt obstruction was noted.		
Caption:	0078 - No User Rating (Site Visit) - GS-11a: gate partially closed. Sediment/silt obstruction was noted.		
Lat/Long:	41.56075/-87.33641		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0081		
Description:	GS-11b: gate partially closed. Sediment/silt obstruction was noted.		
Caption:	0081 - No User Rating (Site Visit) - GS-11b: gate partially closed. Sediment/silt obstruction was noted.		
Lat/Long:	41.56073/-87.33639		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0087		
Description:	GS-12a: Gate opened and closed completely.		
Caption:	0087 - No User Rating (Site Visit) - GS-12a: Gate opened and closed completely.		
Lat/Long:	41.56069/-87.33630		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0093		
Description:	GS-12b: Gate opened and closed. Leaking when closed.		
Caption:	0093 - No User Rating (Site Visit) - GS-12b: Gate opened and closed. Leaking when closed.		
Lat/Long:	41.56069/-87.33630		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0102		
Description:	GS-12b: upstream gate missing dial.		
Caption:	0102 - No User Rating (Site Visit) - GS-12b: upstream gate missing dial.		
Lat/Long:	41.56069/-87.33604		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0114		
Description:	GS-14: Gate opened and closed completely.		
Caption:	0114 - No User Rating (Site Visit) - GS-14: Gate opened and closed completely.		
Lat/Long:	41.56066/-87.33360		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0117		
Description:	GS-15: gate was working, but were not able to see the sluice gate if fully open. Also, team couldn't lift the hatch since it was too heavy.		
Caption:	0117 - No User Rating (Site Visit) - GS-15: gate was working, but were not able to see the sluice gate if fully open. Also, team couldn't lift the hatch since it was too heavy.		
Lat/Long:	41.56060/-87.33307		

Category:	Interior Drainage System	Item:	Sluice / Slide Gates
Observation ID:	2023-0123		
Description:	GS-16: gate was working, but the steel plate too heavy to lift to see if gates opened.		
Caption:	0123 - No User Rating (Site Visit) - GS-16: gate was working, but the steel plate too heavy to lift to see if gates opened.		
Lat/Long:	41.56068/-87.32693		

Category:	Interior Drainage System	Item:	Flap Gates/ Flap Val
Observation ID:	2023-0069		
Description:	GS-10: flapgate stuck open.		
Caption:	0069 - No User Rating (Site Visit) - GS-10: flapgate stuck open.		
Lat/Long:	41.56060/-87.34393		

Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0002		
Description:	PS-GE: no operations manual on site, but located at central office.		
Caption:	0002 - No User Rating (Site Visit) - PS-GE: no operations manual on site, but located at central office.		
Lat/Long:	41.56468/-87.35518		

Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0023		
Description:	PS-GW: no operations manual on site, but located at the central office.		
Caption:	0023 - No User Rating (Site Visit) - PS-GW: no operations manual on site, but located at the central office.		
Lat/Long:	41.56467/-87.35656		

Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0032		
Description:	PS-CL: operations manual present on site.		
Caption:	0032 - No User Rating (Site Visit) - PS-CL: operations manual present on site.		
Lat/Long:	41.56055/-87.35910		

Category:	Pump Stations	Item:	Pump Station Operati
Observation ID:	2023-0050		
Description:	PS-BW: operations manuals not present on site, but located at the central office.		
Caption:	0050 - No User Rating (Site Visit) - PS-BW: operations manuals not present on site, but located at the central office.		
Lat/Long:	41.56074/-87.33605		

Category:	Pump Stations	Item:	Safety Compliance
Observation ID:	2023-0053		
Description:	PS-BW: Lock to electrical cabinet was seized and would not open.		
Caption:	0053 - No User Rating (Site Visit) - PS-BW: Lock to electrical cabinet was seized and would not open.		
Lat/Long:	41.56076/-87.33604		

Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0014		
Description:	PS-GW: Minimal cracks in concrete wall facing.		
Caption:	0014_1 - No User Rating (Site Visit) - PS-GW: Minimal cracks in concrete wall facing.		
Lat/Long:	41.56466/-87.35655		

Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0014		
Description:	PS-GW: Minimal cracks in concrete wall facing.		
Caption:	0014_2 - No User Rating (Site Visit) - PS-GW: Minimal cracks in concrete wall facing.		
Lat/Long:	41.56466/-87.35655		

Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0020		
Description:	PS-GW: Hole in the grouted riprap.		
Caption:	0020 - No User Rating (Site Visit) - PS-GW: Hole in the grouted riprap.		
Lat/Long:	41.56470/-87.35659		

Category:	Pump Stations	Item:	Plant Building
Observation ID:	2023-0062		
Description:	PS-BW: Minimal cracking and chipping in the concrete base.		
Caption:	0062 - No User Rating (Site Visit) - PS-BW: Minimal cracking and chipping in the concrete base.		
Lat/Long:	41.56079/-87.33593		

Category:	Pump Stations	Item:	Fencing and Gates
Observation ID:	2023-0008		
Description:	PS-GW: Fence post has been repaired/replaced.		
Caption:	0008 - No User Rating (Site Visit) - PS-GW: Fence post has been repaired/replaced.		
Lat/Long:	41.56449/-87.35656		

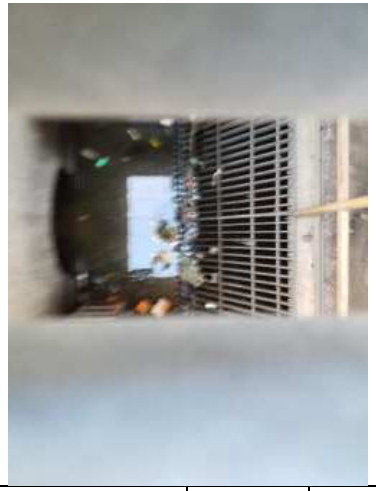
Category:	Pump Stations	Item:	Fencing and Gates
Observation ID:	2023-0026		
Description:	PS-GW: Animal burrows under wire fence.		
Caption:	0026 - No User Rating (Site Visit) - PS-GW: Animal burrows under wire fence.		
Lat/Long:	41.56440/-87.35648		

Category:	Pump Stations	Item:	Fencing and Gates
Observation ID:	2023-0059		
Description:	PS-BW: Vegetation around electrical cabinet feeding the pump station.		
Caption:	0059 - No User Rating (Site Visit) - PS-BW: Vegetation around electrical cabinet feeding the pump station.		
Lat/Long:	41.56077/-87.33605		

Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0005		
Description:	PS-GE: sump pump out of service. LCRBDC has a plan in place to replace pump.		
Caption:	0005 - No User Rating (Site Visit) - PS-GE: sump pump out of service. LCRBDC has a plan in place to replace pump.		
Lat/Long:	41.56466/-87.35520		

Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0017		
Description:	PS-GW: Missing nut and bolt on top of pump assembly.		
Caption:	0017 - No User Rating (Site Visit) - PS-GW: Missing nut and bolt on top of pump assembly.		
Lat/Long:	41.56466/-87.35650		

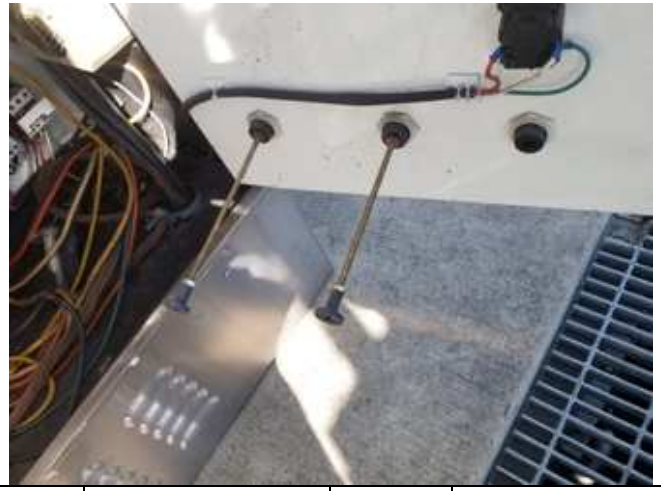
Category:	Pump Stations	Item:	Pumps
Observation ID:	2023-0056		
Description:	PS-BW: Pump intake chamber is empty and dry. Pumps were not operated.		
Caption:	0056 - No User Rating (Site Visit) - PS-BW: Pump intake chamber is empty and dry. Pumps were not operated.		
Lat/Long:	41.56070/-87.33607		



Category:	Pump Stations	Item:	Non-Mechanical Trash
Observation ID:	2023-0011		
Description:	PS-GW: Some trash and debris build up on trash rake.		
Caption:	0011 - No User Rating (Site Visit) - PS-GW: Some trash and debris build up on trash rake.		
Lat/Long:	41.56459/-87.35656		

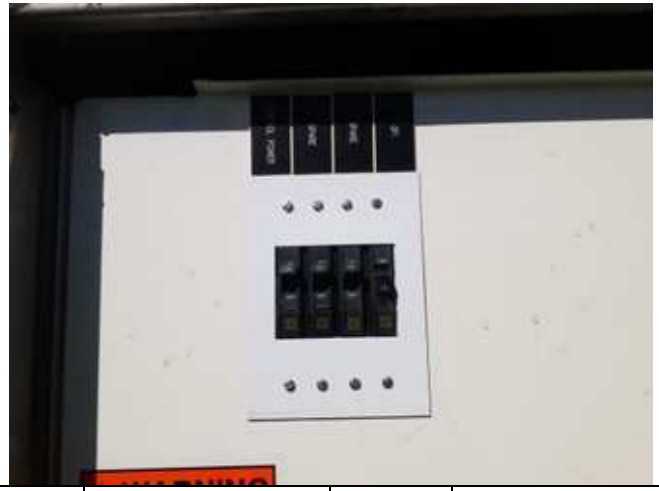
Category:	Pump Stations	Item:	Non-Mechanical Trash
Observation ID:	2023-0041		
Description:	PS-CL: Vegetation around trash rack intake.		
Caption:	0041 - No User Rating (Site Visit) - PS-CL: Vegetation around trash rack intake.		
Lat/Long:	41.56056/-87.35906		

Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0035		
Description:	PS-CL: Reset Button Missing		
Caption:	0035_1 - No User Rating (Site Visit) - PS-CL: Reset Button Missing		
Lat/Long:	41.56055/-87.35911		



Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0035		
Description:	PS-CL: Reset Button Missing		
Caption:	0035_2 - No User Rating (Site Visit) - PS-CL: Reset Button Missing		
Lat/Long:	41.56055/-87.35911		

Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0038		
Description:	PS-CL: Broken Button.		
Caption:	0038 - No User Rating (Site Visit) - PS-CL: Broken Button.		
Lat/Long:	41.56057/-87.35905		



Category:	Pump Stations	Item:	Electrical Systems
Observation ID:	2023-0044		
Description:	PS-CL: GFI is actually a camera.		
Caption:	0044 - No User Rating (Site Visit) - PS-CL: GFI is actually a camera.		
Lat/Long:	41.56057/-87.35909		

Category:	Pump Stations	Item:	Enclosures, Panels,
Observation ID:	2023-0029		
Description:	PS-CL: Spare conduit where fitting is no longer connected.		
Caption:	0029 - No User Rating (Site Visit) - PS-CL: Spare conduit where fitting is no longer connected.		
Lat/Long:	41.56059/-87.35911		

Category:	Pump Stations	Item:	Flap Gates/ Flap Val
Observation ID:	2023-0047		
Description:	PS-CL: Left flap gate has broken linkage assembly, and does not fully close.		
Caption:	0047 - No User Rating (Site Visit) - PS-CL: Left flap gate has broken linkage assembly, and does not fully close.		
Lat/Long:	41.56055/-87.35936		

Gary System (2605000003)/ Gary South (2604000004)
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:

1. Summary of maintenance/repairs/modifications performed since the last USACE inspection (if not captured in maintenance logs/documentation that has been provided separately):

ANNUAL GATE EXERCISE AND MOWING AS NEEDED. TRASH ABATEMENT AS WELL

2. Summary of planned actions/improvements/recommendations, but not yet accomplished:

WE HAVE JUST COMPLETED REMOVING ALL THE PUMPS FOR ROUTINE MAINTENANCE AT GRANT WEST PUMP STATION

3. Results from inspections conducted by the levee sponsor/maintaining agency (if inspection documentation has not been provided separately):

OUR MONTHLY PUMP STATION REPORTS WILL BE SENT TO USACE

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:

WE HAVE NOT OBSERVED ANY PERFORMANCE ISSUES SINCE THE LAST INSPECTION

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:

WE HAVE NO SPECIFIC LOCATIONS AT THIS TIME

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:

General Instructions for the Inspection of Flood Damage Reduction Segments / Systems

A. **Purpose of USACE Inspections**

The primary purpose of these inspections is to prevent loss of life and catastrophic damages; preserve the value of Federal investments, and to encourage non-Federal sponsors to bear responsibility for their own protection. Inspections should assure that Flood Damage Reduction structures and facilities are continually maintained and operated as necessary to obtain the maximum benefits. Inspections are also conducted to determine eligibility for Rehabilitation Assistance under authority of PL 84-99 for Federal and non-Federal systems. (ER 1130-2-530, ER 500-1-1)

B. **Types of Inspections:**

The Corps conducts several types of inspections of Flood Damage Reduction systems, as outlined below:

Initial Eligibility Inspections	Continuing Eligibility Inspections	
	Routine Inspections	**Periodic Inspections**
IEIs are conducted to determine whether a non-Federally constructed Flood Damage Reduction system meets the minimum criteria and standards set forth by the Corps for initial inclusion into the Rehabilitation and Inspection Program.	RIs are intended to verify proper maintenance, owner preparedness, and component operation.	PIs are intended to verify proper maintenance and component operation and to evaluate operational adequacy, structural stability, and safety of the system. Periodic Inspections evaluate the system's original design criteria vs. current design criteria to determine potential performance impacts, evaluate the current conditions, and compare the design loads and design analysis used against current design standards. This is to be done to identify components and features for the sponsor that need to be monitored more closely over time or corrected as needed. (Periodic Inspections are used as the basis of risk assessments.)

C. **Inspection Boundaries:**

Inspections should be conducted so as to rate each Flood Damage Reduction "Segment" of the system. The overall system rating will be the lowest segment rating in the system.

Project	System	Segment
A flood damage reduction project is made up of one or more flood damage reduction systems which were under the same authorization.	A flood damage reduction system is made up of one or more flood damage reduction segments which collectively provide flood damage reduction to a defined area. Failure of one segment within a system constitutes failure of the entire system. Failure of one system does not affect another system.	A flood damage reduction segment is defined as a discrete portion of a flood damage reduction system that is operated and maintained by a single entity. A flood damage reduction segment can be made up of one or more features (levee, floodwall, pump stations, etc).

D. **Land Use Definitions:**

The following three definitions are intended for use in determining minimum required inspection intervals and initial requirements for inclusion into the Rehabilitation and Inspection Program. Inspections should be considered for all systems that would result in significant environmental or economic impact upon failure regardless of specific land use.

Agricultural	Rural	Urban
Protected population in the range of zero to 5 households per square mile protected.	Protected population in the range of 6 to 20 households per square mile protected.	Greater than 20 households per square mile; major industrial areas with significant infrastructure investment. Some protected urban areas have no permanent population but may be industrial areas with high value infrastructure with no overnight population.

E. **Use of the Inspection Report Template:**
The report template is intended for use in all Army Corps of Engineers inspections of levee and floodwall systems and flood damage reduction channels. The section of the template labeled \"Initial Eligibility" only needs to be completed during Initial Eligibility Inspections of Non-Federally constructed Flood Damage Reduction Systems. The section labeled "General Items" needs to be completed with every inspection, along with all other sections that correspond to features in the system. The section labeled "Public Sponsor Pre-Inspection Report" is intended for completion before the inspection, if possible.

F. **Individual Item / Component Ratings:**
Assessment of individual components rated during the inspection should be based on the criteria provided in the inspection report template, though inspectors may incorporate additional items into the report based on the characteristics of the system. The assessment of individual components should be based on the following definitions.

Acceptable Item	Minimally Acceptable Item	Unacceptable Item
The inspected item is in satisfactory condition, with no deficiencies, and will function as intended during the next flood event.	The inspected item has one or more minor deficiencies that need to be corrected. The minor deficiency or deficiencies will not seriously impair the functioning of the item as intended during the next flood event.	The inspected item has one or more serious deficiencies that need to be corrected. The serious deficiency or deficiencies will seriously impair the functioning of the item as intended during the next flood event.

G. **Overall Segment / System Ratings:**
Determination of the overall system rating is based on the definitions below. Note that an Unacceptable System Rating may be either based on an engineering determination that concluded that noted deficiencies would prevent the system from functioning as intended during the next flood event, or based on the sponsor's demonstrated lack of commitment or inability to correct serious deficiencies in a timely manner.

Acceptable System	Minimally Acceptable System	Unacceptable System
All items or components are rated as Acceptable.	One or more items are rated as Minimally Acceptable or one or more items are rated as Unacceptable and an engineering determination concludes that the Unacceptable items would not prevent the segment / system from performing as intended during the next flood event.	One or more items are rated as Unacceptable and would prevent the segment / system from performing as intended, or a serious deficiency noted in past inspections (which had previously resulted in a minimally acceptable system rating) has not been corrected within the established timeframe, not to exceed two years.

H. **Eligibility for PL84-99 Rehabilitation Assistance:**
Inspected systems that are not operated and maintained by the Federal government may be Active in the Corps' Rehabilitation and Inspection Program (RIP) and eligible for rehabilitation assistance from the Corps as defined below:

If the Overall System Rating is Acceptable	If the Overall System Rating is Minimally Acceptable	If the Overall System Rating is Unacceptable
The system is active in the RIP and eligible for PL84-99 rehabilitation assistance.	The system is Active in the RIP during the time that it takes to make needed corrections. Active systems are eligible for rehabilitation assistance. However, if the sponsor does not present USACE with proof that serious deficiencies (which had previously resulted in a minimally acceptable system rating) were corrected within the established timeframe, then the system will become Inactive in the RIP.	The system is Inactive in the RIP, and the status will remain Inactive until the sponsor presents USACE with proof that all items rated Unacceptable have been corrected. Inactive systems are ineligible for rehabilitation assistance.

I. **Reporting:**

After the inspection, the Corps is responsible for assembling an inspection report (or a summary report if it was a Periodic Inspection) including the following information:

a. All sections of the report template used during the inspection, including the cover and pre-inspection materials. (Supplemental data collected, and any sections of the template that weren't used during the inspection do not need to be included with the report.)

b. Photos of the general system condition and noted deficiencies.

c. A plan view drawing of the system, with stationing, to reference locations of items rated less than acceptable.

d. The relative importance of the identified maintenance issues should be specified in the transmittal letter.

e. If the Overall System Rating is Minimally Acceptable, the report needs to establish a timeframe for correction of serious deficiencies noted (not to exceed two years) and indicate that if these items are not corrected within the required timeframe, the system will be rated as Unacceptable and made Inactive in the Rehabilitation Inspection Program.

J. **Notification:**

Reports are to be disseminated as follows within 30 days of the inspection date.

If the Overall System Rating is Acceptable	If the Overall System Rating is Minimally Acceptable	If the Overall System Rating is Unacceptable
Reports need to be provided to the local sponsor and the county emergency management agency.	Reports need to be provided to the local sponsor, state emergency management agency, county emergency management agency, and to the FEMA region.	Reports need to be provided to the local sponsor, state emergency management agency, county emergency management agency, FEMA region, and to the Congressional delegation within 30 days of the inspection.

National Levee Database

NLD

For Official Use Only

LEVEE INSPECTION MAPBOOK

Levee Segment

Gary South

NLD Levee Segment ID
2604000004

Location
Gary

Inspection Type
Site Visit

Start Date
11-Apr-2023

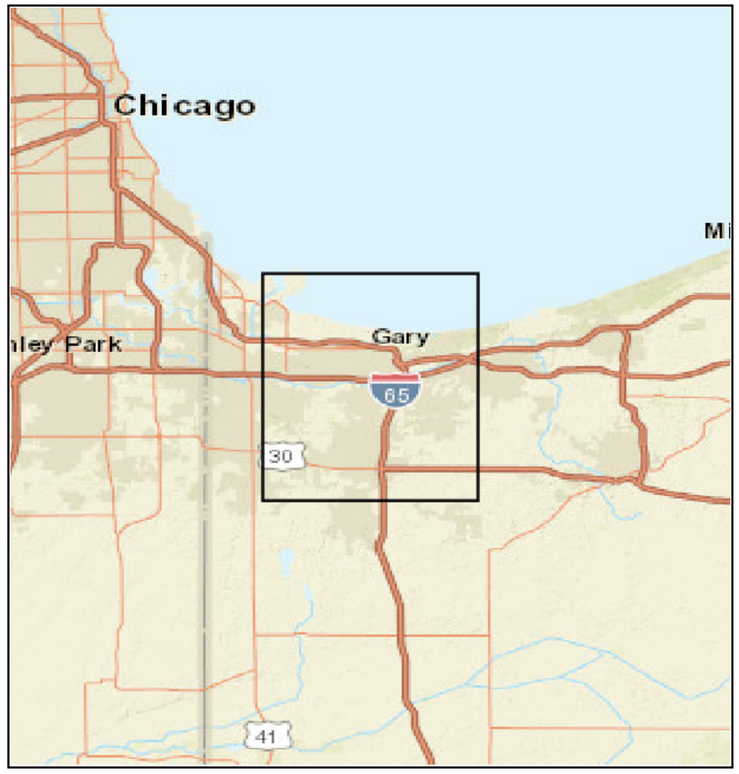
End Date
12-Apr-2023

Inspected By
Chris Schaal, Mike Cook, Richard R.

US Army Corps of Engineers

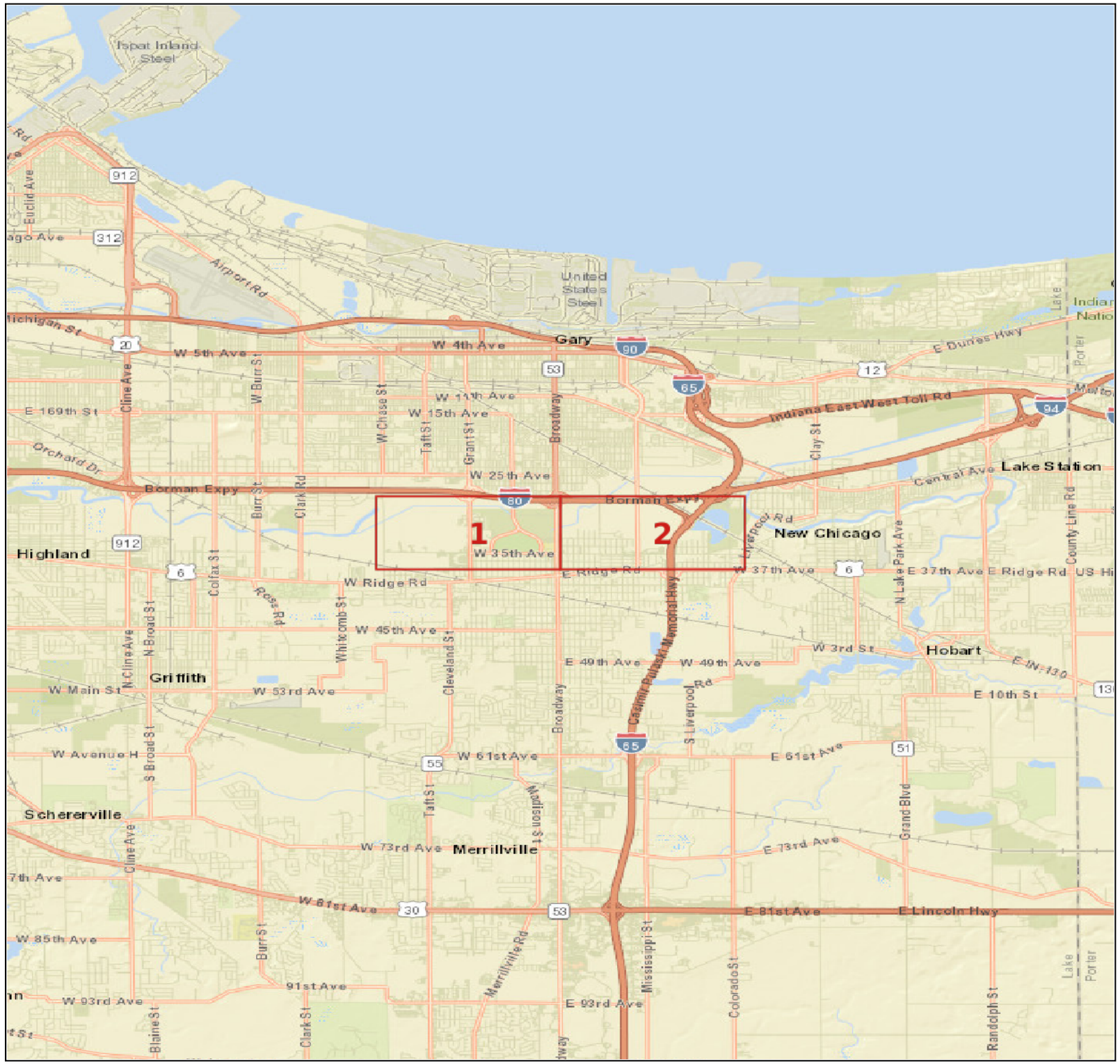
SHEET INDEX

Levee: Gary South



MAP ELEMENTS

2 Standard Sheets



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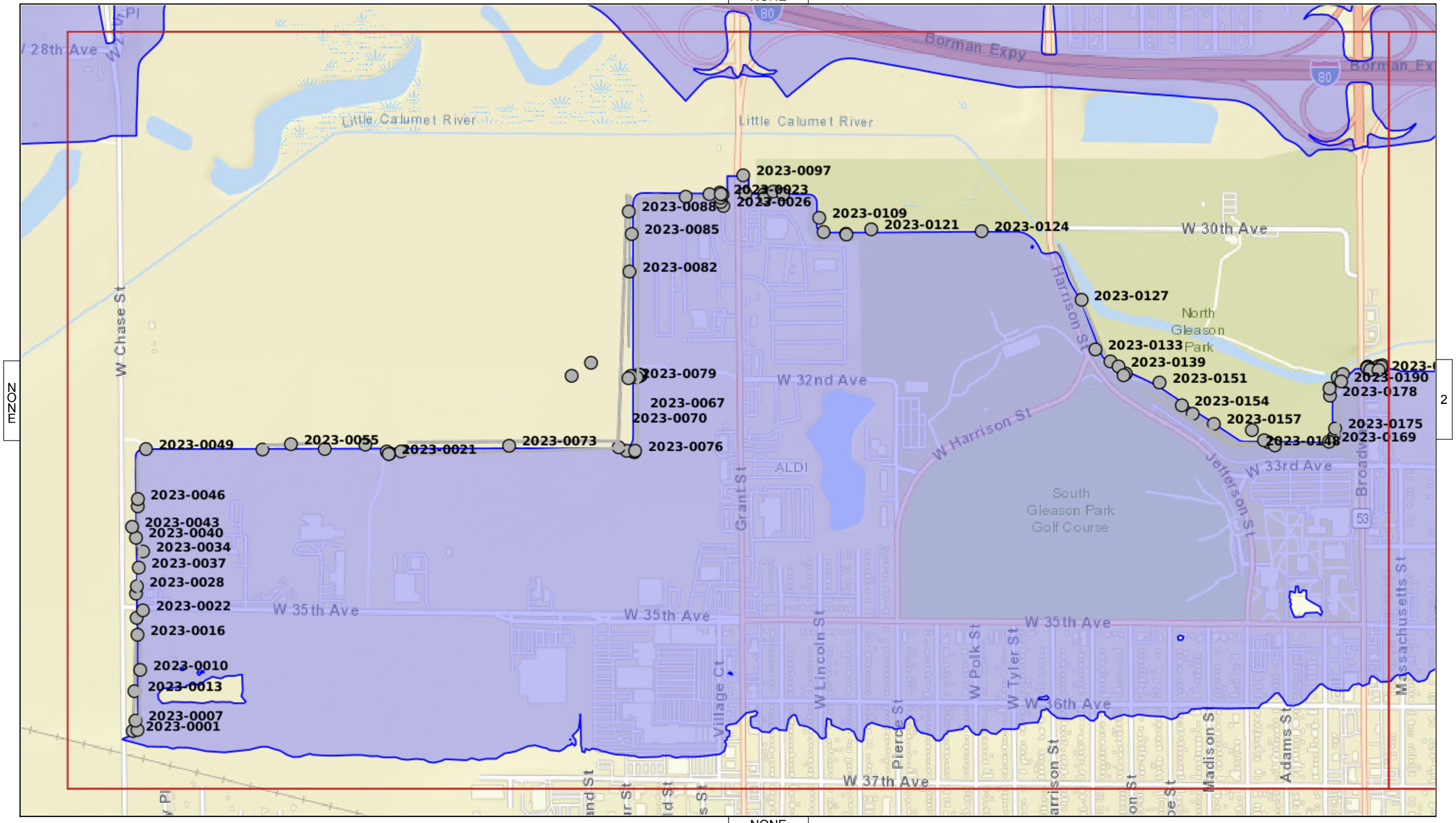
NONE

2



NONE

N

OBSERVATIONS

- Acceptable
- Minimally Acceptable
- Unacceptable
- Not Applicable

Scale = 1:12000

0 200 400 600yd

0 200 400 600m

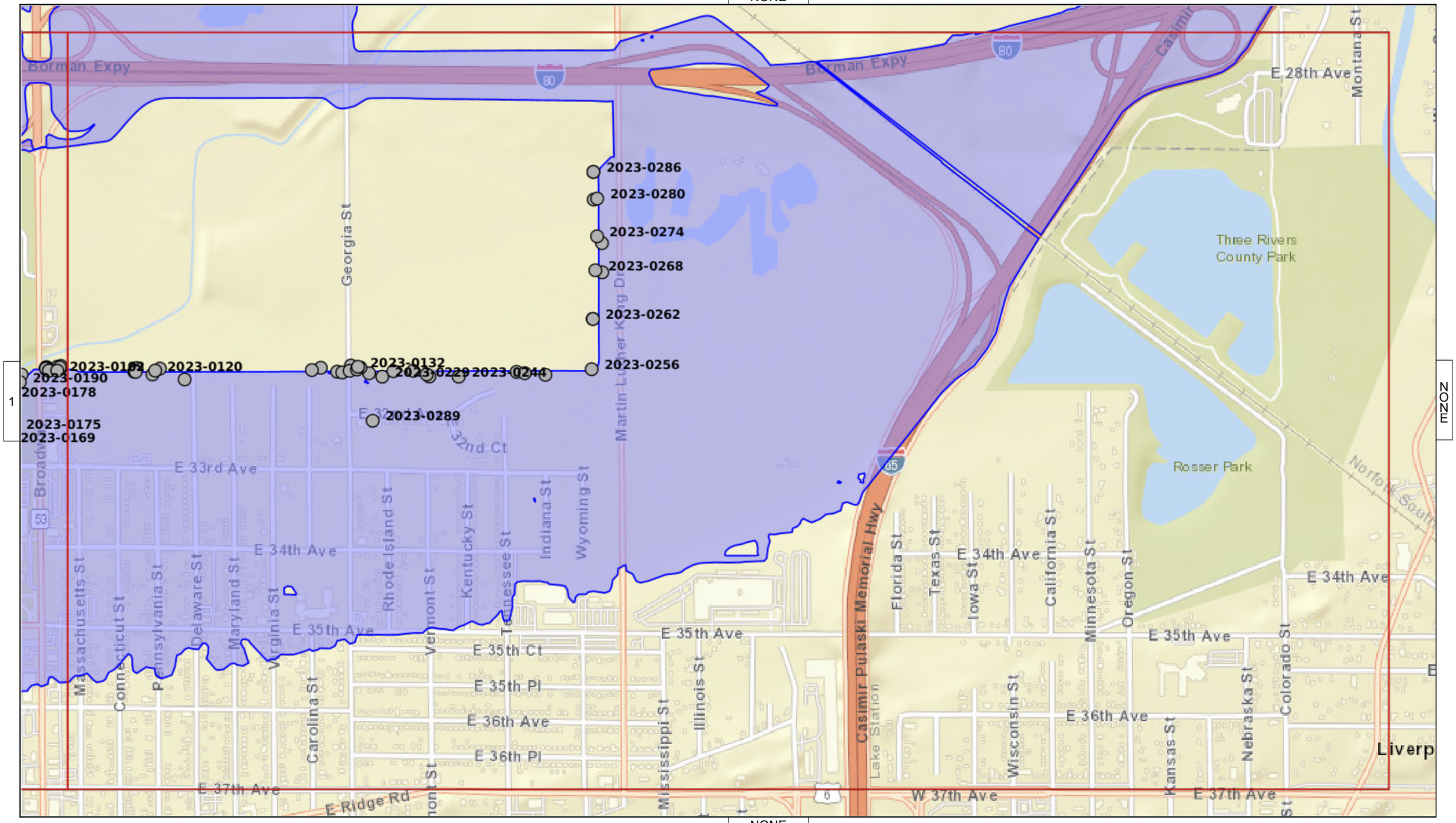
NLD

Sheet: 1 — 11-Apr-2023

Gary South

Type: Site Visit — 12-Apr-2023

NONE



1

NONE

NONE

N

OBSERVATIONS

- Acceptable
- Minimally Acceptable
- Unacceptable
- Not Applicable

Scale = 1:12000

0 200 400 600yd

0 200 400 600m

NLD

Sheet: 2 11-Apr-2023

Gary South

Type: Site Visit 12-Apr-2023

Gary System (2605000003)/ Gary South (2604000004)
Levee Sponsor Pre-Inspection Form

US Army Corps of Engineers ®
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Levee Sponsor/Maintaining Agency: Little Calumet River Basin Development Commision

Date of last USACE Inspection:

1. Summary of maintenance/repairs/modifications performed since the last USACE inspection (if not captured in maintenance logs/documentation that has been provided separately):

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2. Summary of planned actions/improvements/recommendations, but not yet accomplished:

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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:

WE HAVE NO SPECIFIC LOCATIONS AT THIS TIME

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:

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 Gary South Segment – Gary System.

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

A ☐ M ☐ U ☐ N/A ☒	8. Underseepage Relief Wells/Toe Drainage Systems
Interior Drainage System	
A ☐ M ☒ U ☐ N/A ☐	9. Culverts/Discharge Pipes
A ☐ M ☒ U ☐ N/A ☐	10. Sluice/Slide Gates
A ☐ M ☒ U ☐ N/A ☐	11. Flap Gates/Flap Valves/Pinch Valves
Pump Stations – N/A	
A ☒ M ☐ U ☐	17. Intake and Discharge Pipelines
A ☒ M ☐ U ☐ N/A ☐	18. Sluice/Slide Gates
A ☐ M ☒ U ☐ N/A ☐	19. Flap Gates/Flap Valves/Pinch Valves
Rehabilitation Program Status	
Active ☒	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 ☐	System does not meet interim eligibility requirements.
Comments: Only minor issues noted for the system.	