TECHNICAL ADVISORY COMMITTEE

December 21, 2022

KANKAKEE RIVER BASIN AND YELLOW RIVER BASIN DEVELOPMENT COMMISSION

Scott D. Pelath, Executive Director

MISSION

The Kankakee River Basin and Yellow River Basin Development Commission advances Northwest Indiana's safety, economic prosperity, and quality of its natural resources.

FORTY-YEAR WORK PLAN

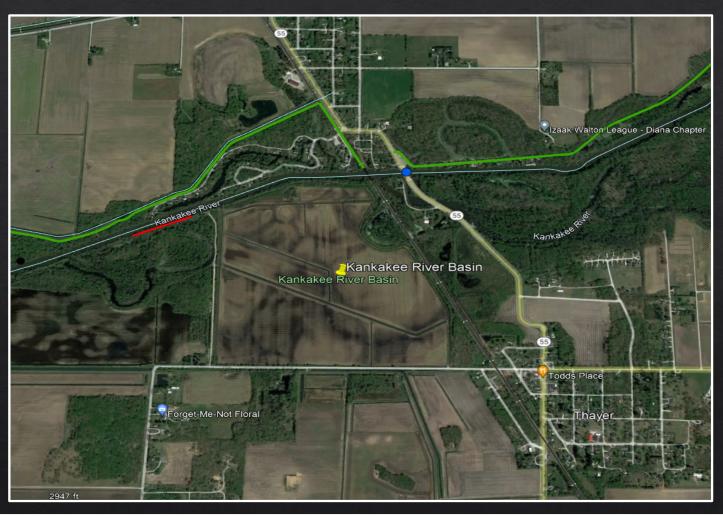
Active Management Recommendation	2020	2022	2024	2026	2028	2030	2032	2034	2036	2038	2040	2042	2044	2046	2048	2050	2022	2054	2056	2058
Yellow River Upstream Improvements											T									T
Kankakee Bank Stabilization Improvements								\Box		\exists	\neg							\exists		
Zone-Specific Access and Logjam Management		Ġ.													10		e d			
Large Wood Removal along Yellow River at Kankakee Fish and Wildlife Area																				
Selective and Temporary Berm Maintenance																				
Strategic Berm Removal & Setback Berm Construction														i i						
Yellow River Downstream Improvements																				
Bridge Removal / Replacement		Î																		
Storage Areas to Offset Increased Runoff													- 8		111					
Update Stormwater Ord. and Tech. Standards																				
Education, Outreach, and Implementation Program Management																				
Develop Flood Response and Resilience Plans		0																		
Remove Infrastructure from Berm-Reliant Areas																				

FLOODWATER STORAGE DEVELOPMENT

THAYER FARM PARTNERSHIP WITH DNR



THAYER FARM



SPILLWAY INSTALLED AUGUST 2022



SPILLWAY SEPTEMBER 2022



CONNECTION TO BLACKBERRY MARSH

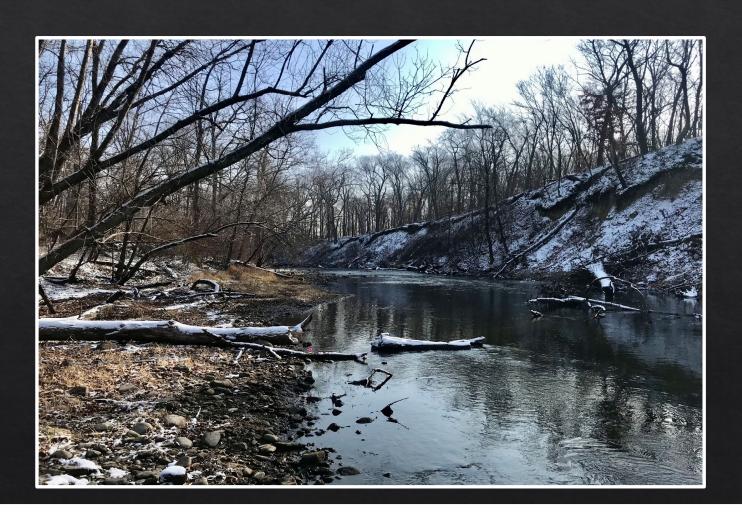


YELLOW RIVER BANK STABILIZATION

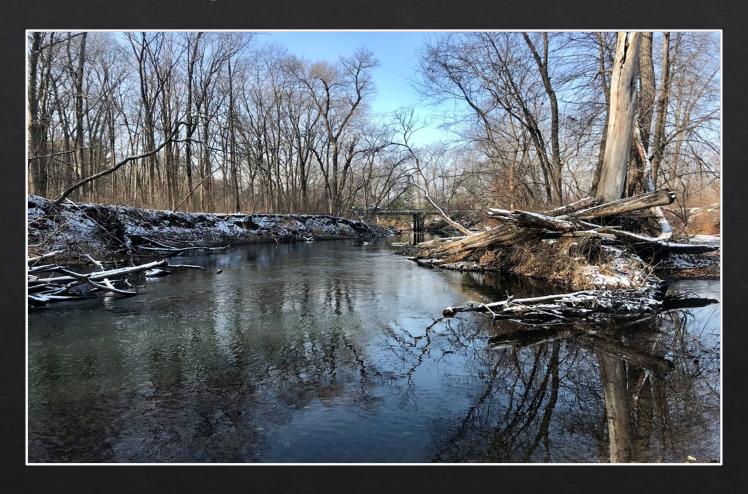
PHASE I COMPLETE!

(40% of sediment in Kankakee originates in the Yellow River)

45' Sand Bank, December 2020



Facing West, December 2020



Facing West, September 17, 2021



Facing East, October 8, 2021



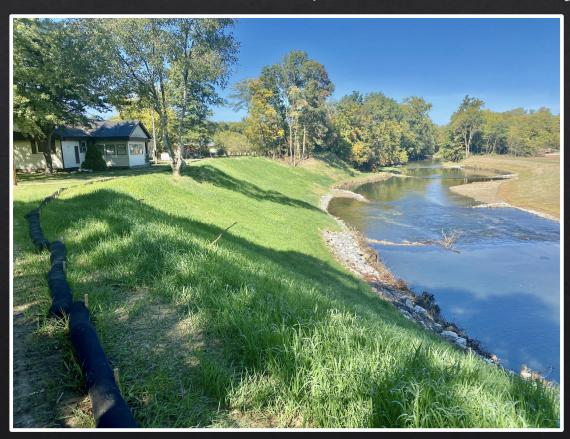
2022 Yellow River Project (Starke County)



BENOIT PROPERTY (Starke County Before)



BENOIT PROPERTY (Starke County After)



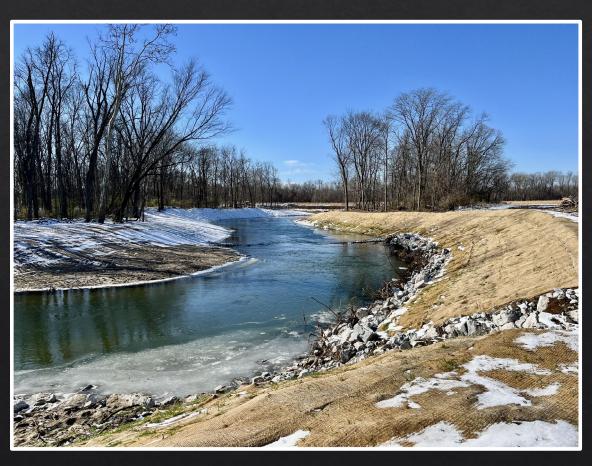
2022 Yellow River Project (Starke County)



Starke County M-Bend (Before)











MARSHALL COUNTY, SPRING 2022

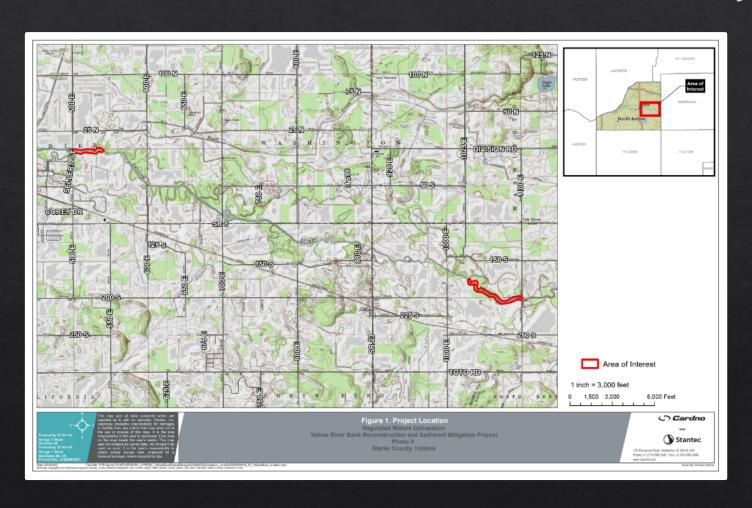


MARSHALL COUNTY, ONE YEAR LATER

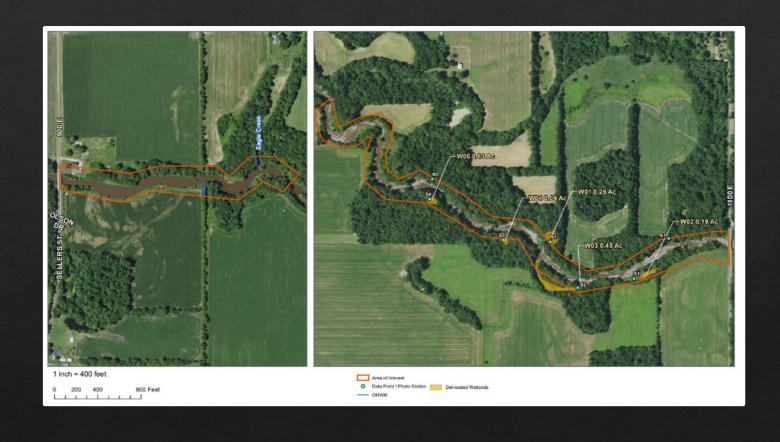


YELLOW RIVER RECONSTRUCTION, PHASE II DESIGN

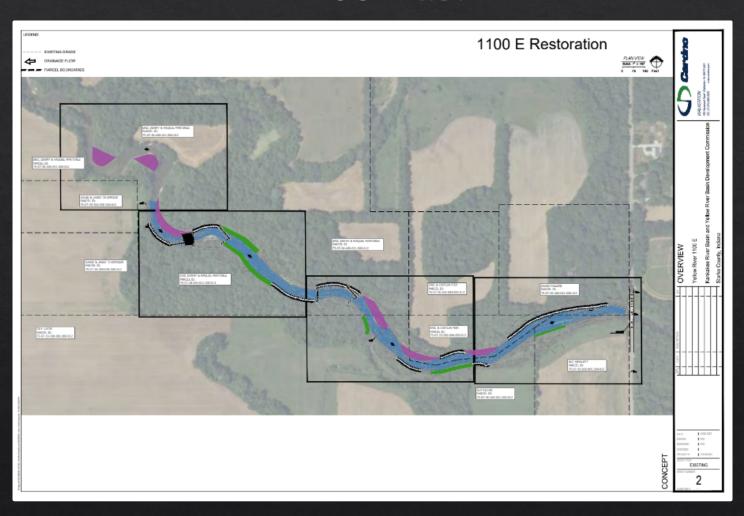
500 East and 1100 East in Starke County



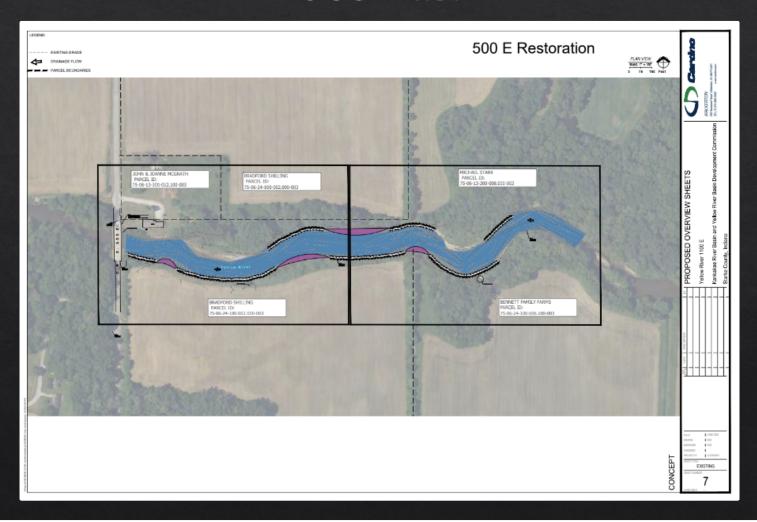
500 East and 1100 East in Starke County



1100 East



500 East



VARIOUS BERM REPAIRS

SUMAVA RESORTS



BREMEN/MARSHALL SWCD PARTNERSHIP



LAPORTE COUNTY



CONFLUENCE OF KANKAKEE AND YELLOW





LOGJAM MANAGEMENT

YELLOW RIVER (MARSHALL)



YELLOW RIVER (STARKE)





YELLOW RIVER (FWA)



KANKAKEE DOWNSTREAM OF IN-104



US 231



DOWNSTREAM OF I-65



NORFOLK SOUTHERN BRIDGE



NORFOLK SOUTHERN BRIDGE





ABANDONED BRIDGE AT SCHNEIDER



SEDIMENT MANAGEMENT

YELLOW RIVER SPILLWAY (Kankakee FWA Before)



YELLOW RIVER SPILLWAY (Kankakee FWA After)



TRAP #11 ON KANKAKEE (PERMITS ISSUED)



TRAP #23 ON YELLOW (PERMITS PROCESSING)



PLANNED REMOVAL IN ILLINOIS



EXPENDITURE BREAKDOWN

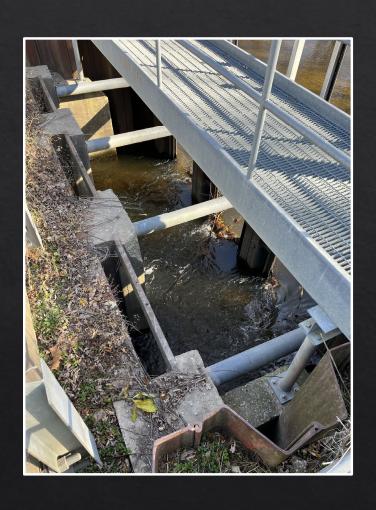
2022 RIVER WORK INVESTMENTS

- ♦ Yellow River Construction, Phase I -- \$1,486,104
- ♦ Logjam Management -- \$575,120
- ♦ Major Project Design and Construction Oversight -- \$164,062
- ♦ River Gages -- \$124,199
- ♦ Bank Repairs and Other Reconstruction -- \$119,623
- ♦ Jasper County FEMA Project -- \$95,000
- ♦ Hydroseeding -- \$83,771
- ♦ Sediment Removal -- \$62,050
- ♦ TOTAL: \$2,709,929

ONE OTHER THING...

NOVEMBER 4 – 7 AT KANKAKEE FWA

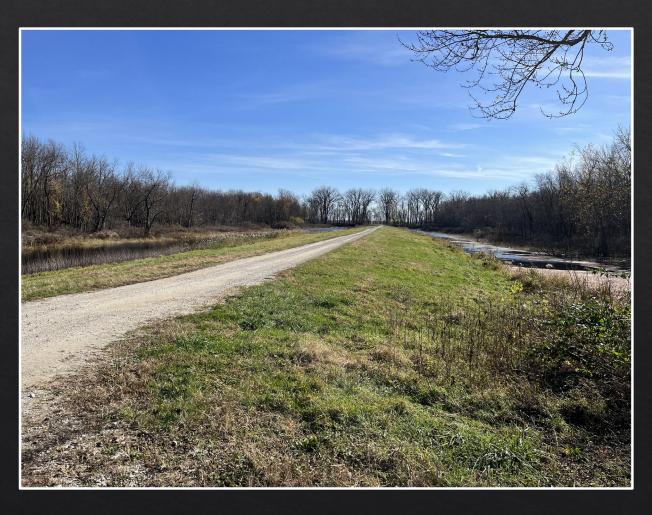
FWA LOG GATES – YELLOW RIVER 5' AT KNOX



KANKAKEE SPILLWAY – KANKAKEE 5.5' AT SHELBY



WEST CROSS LEVEE



YELLOW RIVER DRIVE-OVER SPILLWAY



QUESTIONS?

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