

AMERICAN RESCUE PLAN ACT UCSD FUNDING REQUEST



Rick Manner, Executive Director
Urbana & Champaign Sanitary District

UCSD Fits With ARPA

- ✓ **ARPA is local government COVID relief package**
Any assistance granted will be spread to about $\frac{3}{4}$ of Champaign county taxpayers
- ✓ **ARPA specifically includes utility billing relief**
Larger utilities have received ARPA funding already for debt relief
UCSD requesting \$620,000
- ✓ **ARPA specifically includes water infrastructure**
UCSD has been doing infrastructure for 100 years
UCSD requesting \$540,000

UCSD is Fee for Service Govt. Utility

Single purpose agency – all we do is sewage

Simple financial structure

- No Property Tax levy since 1980s
- 80% Income from User Charges
- 17% Income from Developer Charges
- 3% Income from Interest from deposits
- \$14 million operating budget
- ~\$2 to 3 million per year capital projects

Income Decline from COVID

1. User Charges \$995,000 less than pre-COVID

Students left town

UI usage plummeted

Restaurants, retail, industrial down by 10% to 90% (esp. sit-down)

Commuter workers stayed home (many reside outside of CU)

2. Development Fees down \$550,000

Zero new projects for a year. Some positive signs recently.

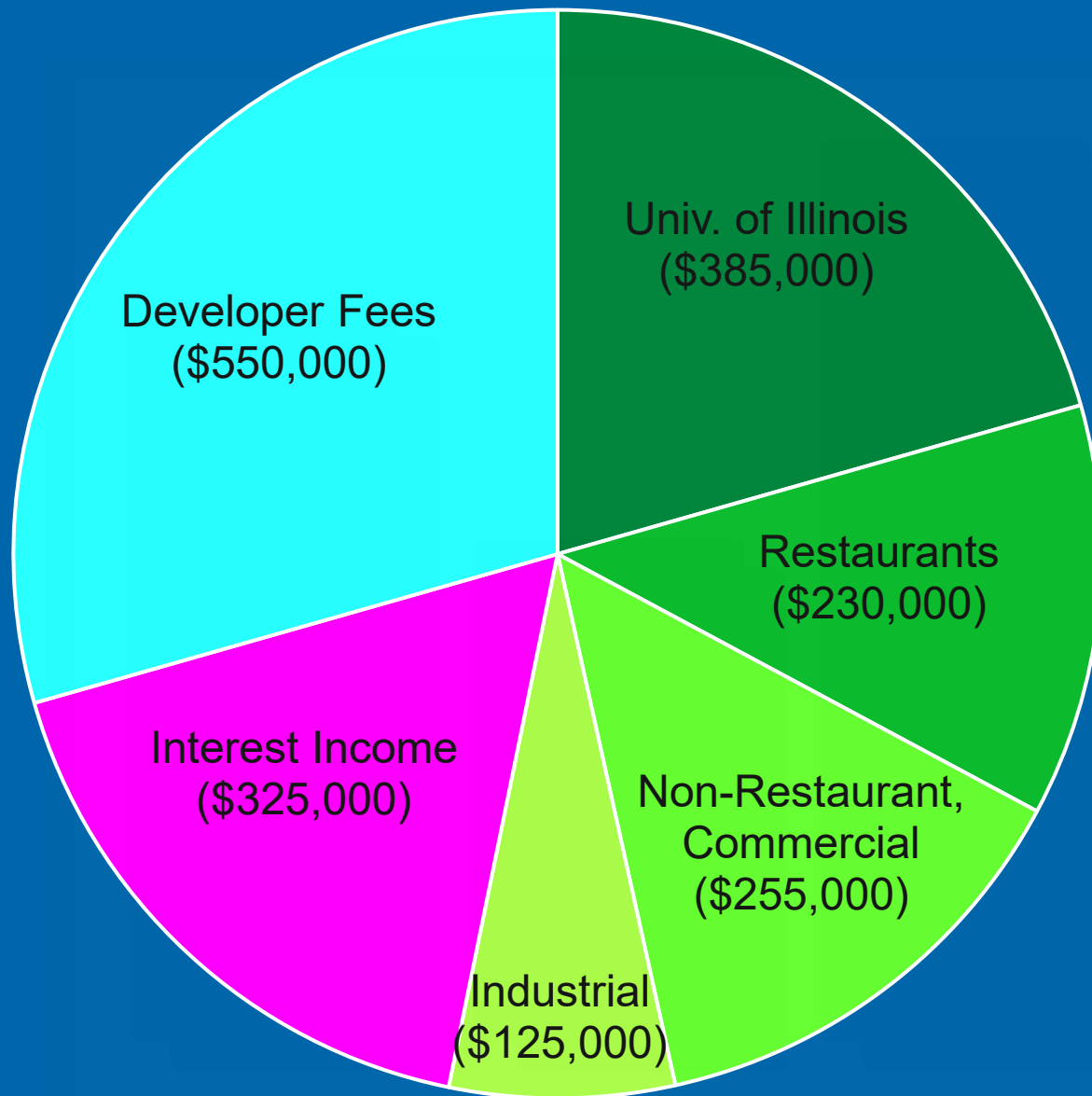
3. Investments down \$325,000

Original investments laddered out 1 to 4 years

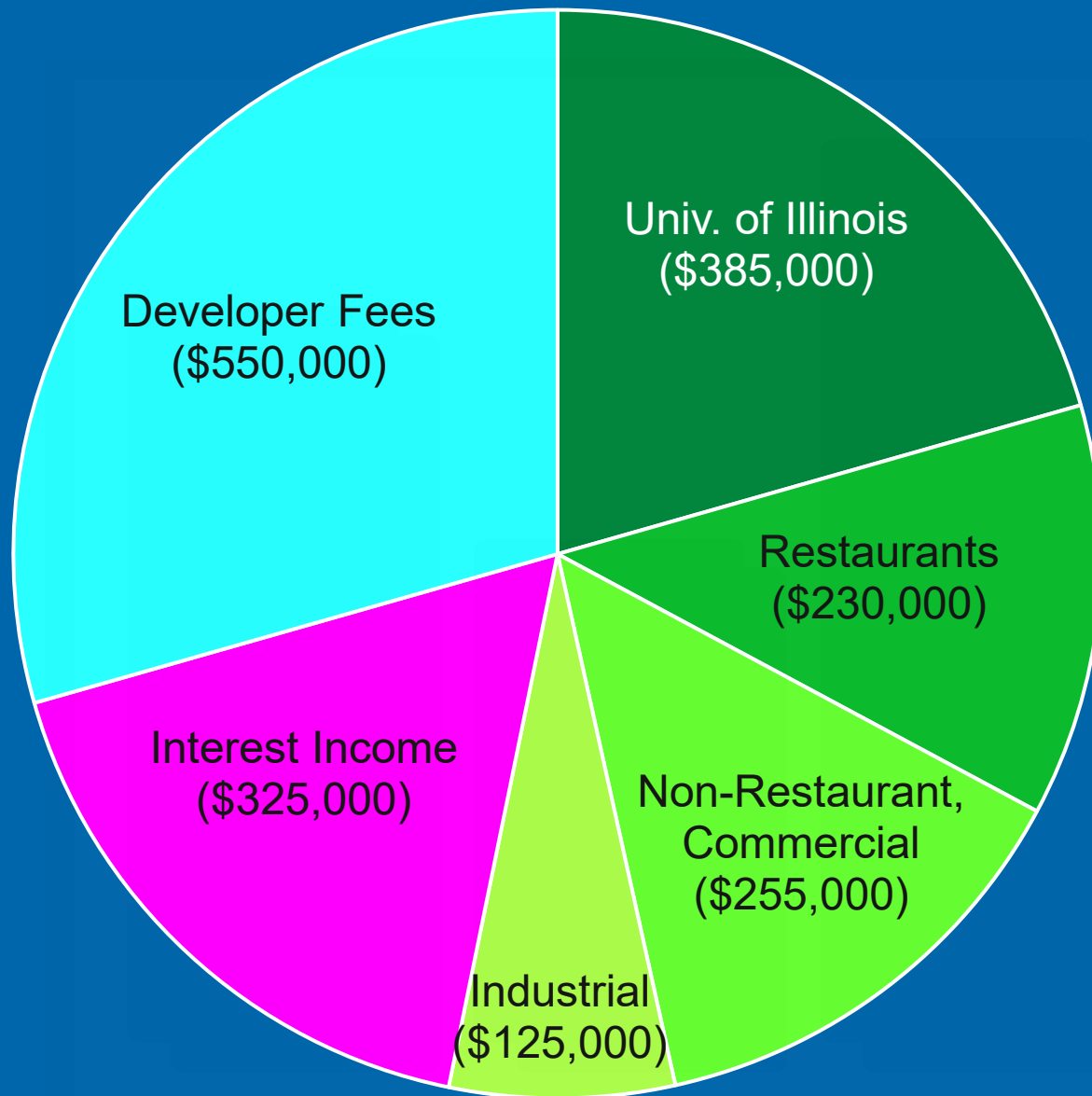
No good reinvestment options

Was averaging 2+% return, sliding down to 0.2%

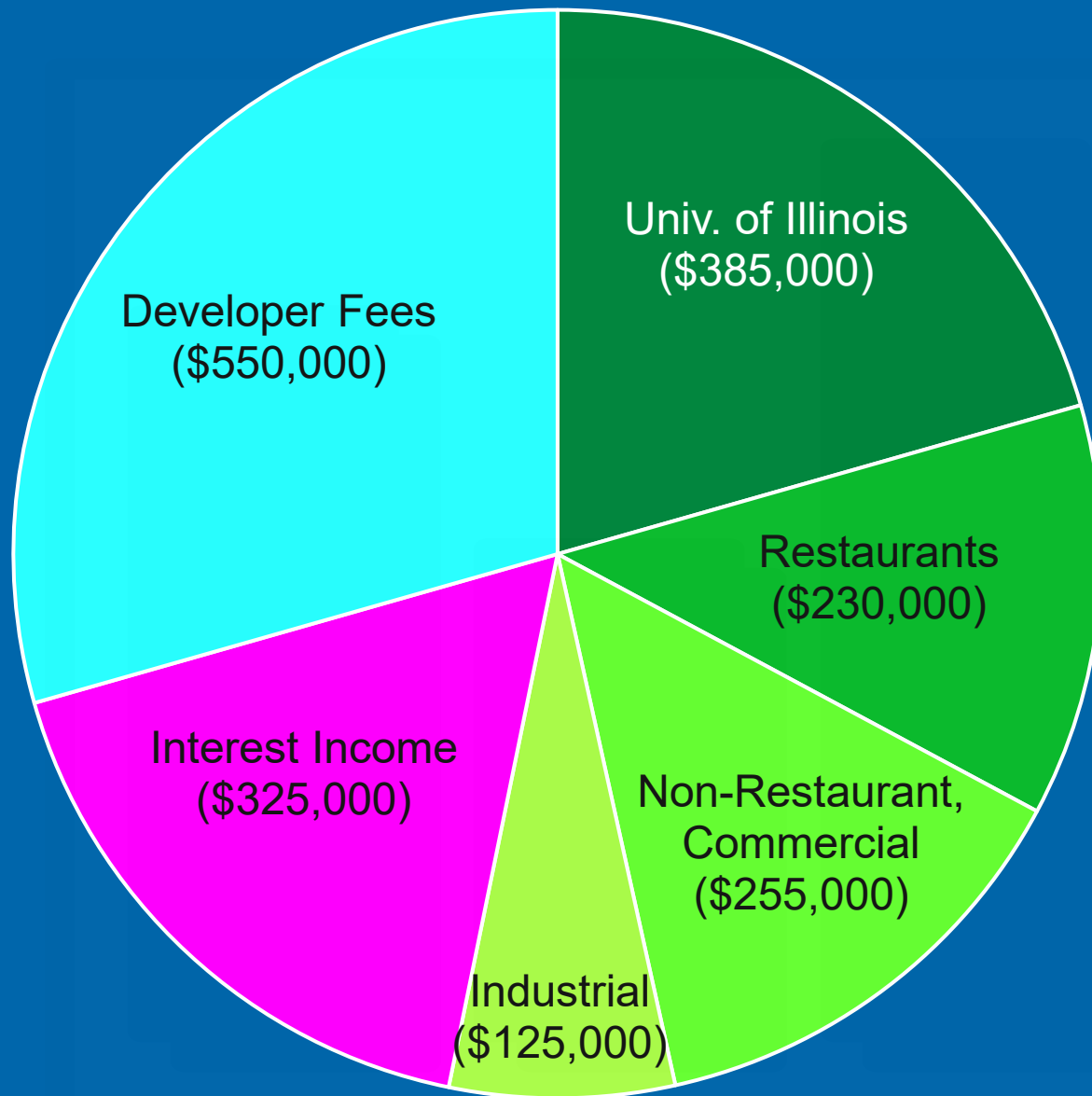
\$1,870,000 Lost Income



\$1,870,000 Lost Income + \$620,000 Unpaid



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“Plan A”: In Progress - No ARPA Aid

1. Use reserves to ride through deficit years

Defer whatever can be put off for 2 years

Most operating expenses can't be reduced much

We must re-assess rates after COVID declines

2. Low-Income Assistance Programs in place

3. Normal collections procedures began in Aug.

4. Collect Unpaid Balances Via Payment Plans

Double payments over 1 to 2 years, to catch up.

Accumulated debts must eventually be paid by somebody. (If written off, all ratepayers pay.)

“Plan B”: ARPA \$ for Debt Relief ~\$40/Ratepayer Benefited

14,000 Ratepayers still have Past Due balances.

Total debt currently \$620,000 =

\$150/account =

\$40/capita

ARPA funding to pay down debt is a “twofer”

\$1 debt relief for ratepayer and \$1 for UCSD’s work

We’d like to “return to normal” quicker.

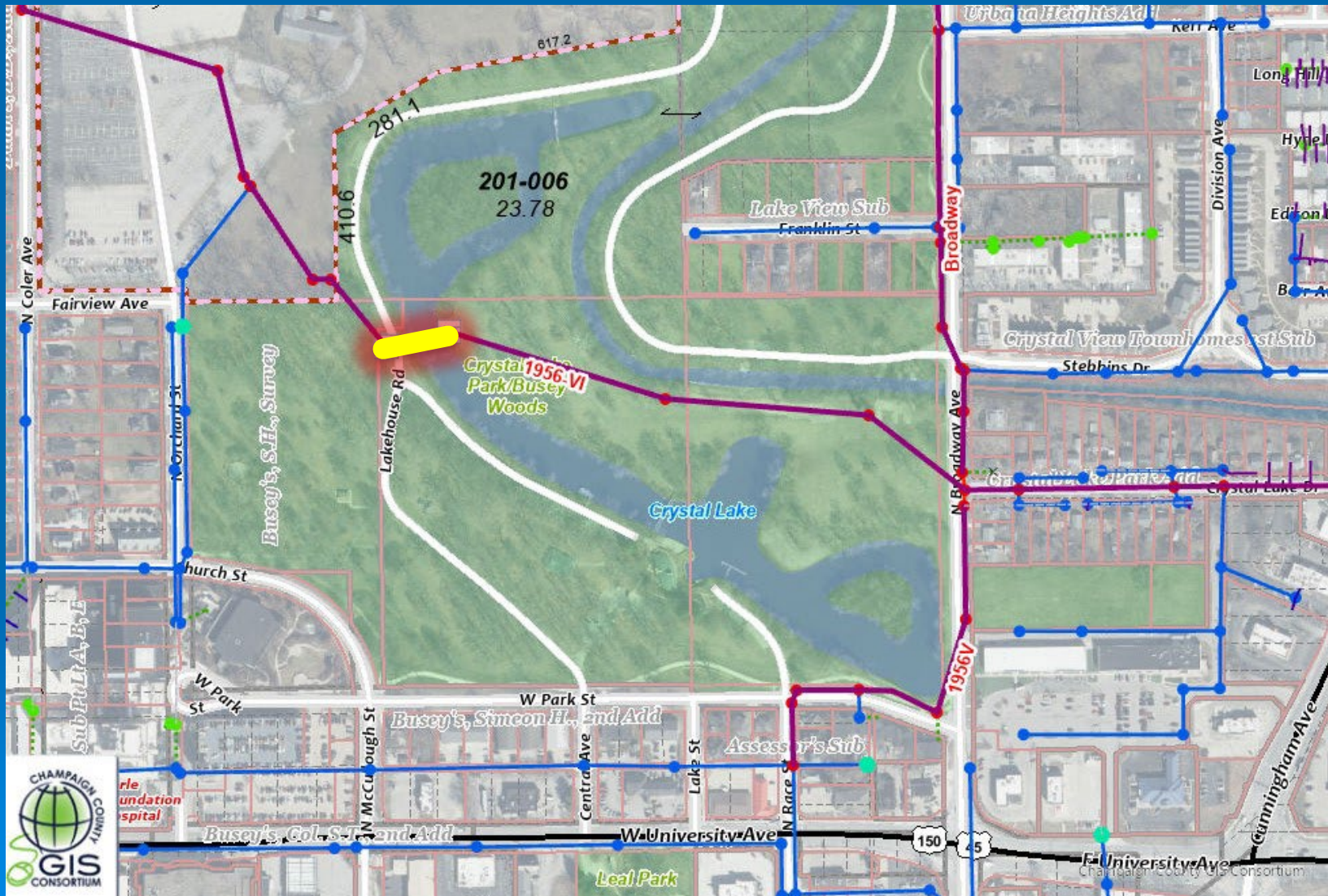
(LI-SAP / LI-HEAP to continue. RPC is great partner!)

CRYSTAL LAKE PARK BRIDGE & INTERCEPTOR REPLACEMENT PROJECT



PROJECT LOCATION

NORTH END CRYSTAL LAKE PARK



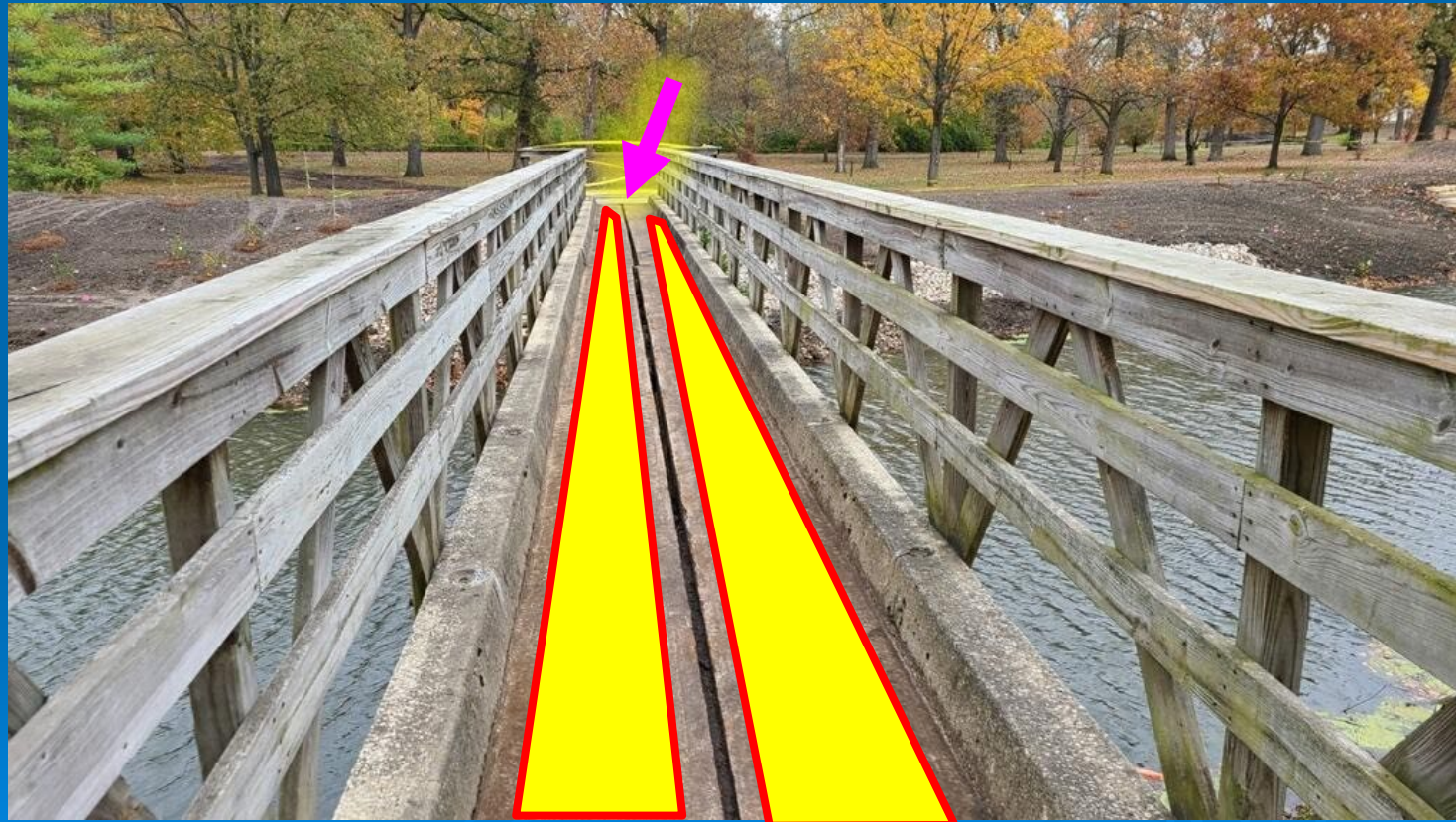
EXISTING BRIDGE & INTERCEPTOR



2 SEWERS WITHIN BRIDGE DECK



TOP VIEW: 2 SEWERS UNDER DECK



EAST VAULT FOUNDATION PROBLEMS



EXAMPLE NEW INTERCEPTOR CROSSING & PEDESTRIAN BRIDGE



EXAMPLE NEW INTERCEPTOR CROSSING & PEDESTRIAN BRIDGE



Will be 2 pipes,
side-by-side

BRIDGE PROJECT BUDGET = \$540,000

Crystal Lake Park Pedestrian Bridge Replacement Urbana-Champaign Sanitary District

Item	Quantity	Unit	Unit Price	Cost
Mobilization	1	Lump Sum	\$15,000.00	\$15,000
Temporary Cofferdams	2	Each	\$5,000.00	\$10,000
Structure Excavation	100	Cu. Yd.	\$40.00	\$4,000
CA-6 Backfill	50	Cu. Yd.	\$50.00	\$2,500
Controlled Low-Strength Material	30	Cu. Yd.	\$75.00	\$2,250
Concrete Structures	35	Cu. Yd.	\$900.00	\$31,500
Reinforcement Bars	3,500	Pounds	\$3.00	\$10,500
Pre-Fabricated Pedestrian Bridge	1,000	Sq. Ft.	\$200.00	\$200,000
Concrete Wearing Surface	25	Cu. Yd.	\$650.00	\$16,250
Miscellaneous Steel Framing	1	Lump Sum	\$10,000.00	\$10,000
Hobas Piping, 36"	130	Each	\$150.00	\$19,500
Fiberglass Manholes	3	Each	\$10,000.00	\$30,000
Fiberglass Piping, 36"	150	Lin. Ft.	\$100.00	\$15,000
Earth Excavation	85	Cu. Yd.	\$35.00	\$2,975
Trench Backfill	25	Cu. Yd.	\$50.00	\$1,250
Remove Existing Structures	1	Lump Sum	\$15,000.00	\$15,000
Subtotal				\$385,725
Permits, Bonds, & Insurance	5	Percent		\$20,000
Overhead & Profit	5	Percent		\$20,000
Subtotal				\$425,725
Contingency	15	Percent		\$63,859
Total Construction Cost				\$489,500
Design Engineering Fees				\$40,000
Bid & Construction Phase Fees				\$12,000
Total Project Cost				\$541,500

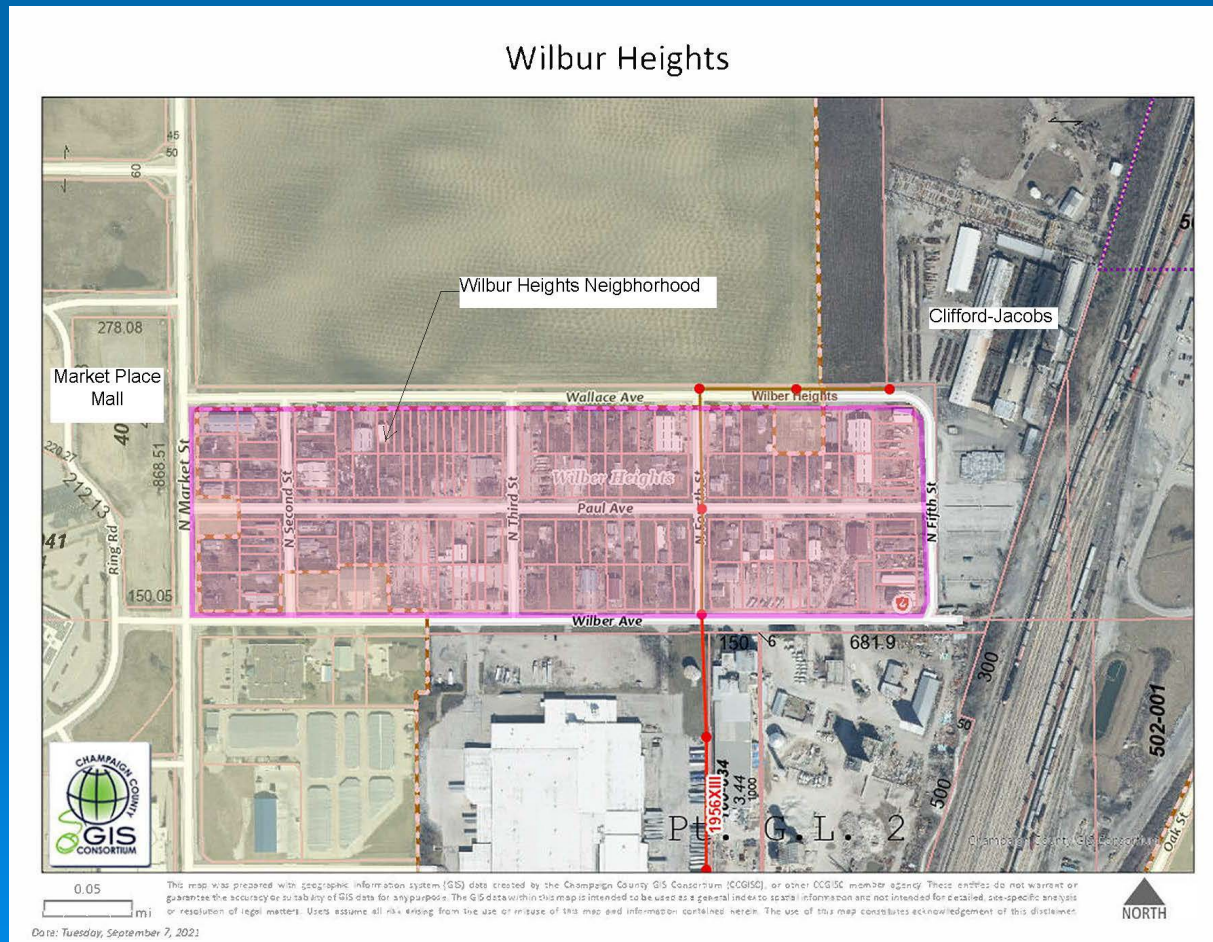
QUESTIONS?



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Wilbur Heights

An 8-Block Neighborhood That Probably Needs Sanitary Sewers



QUESTIONS?

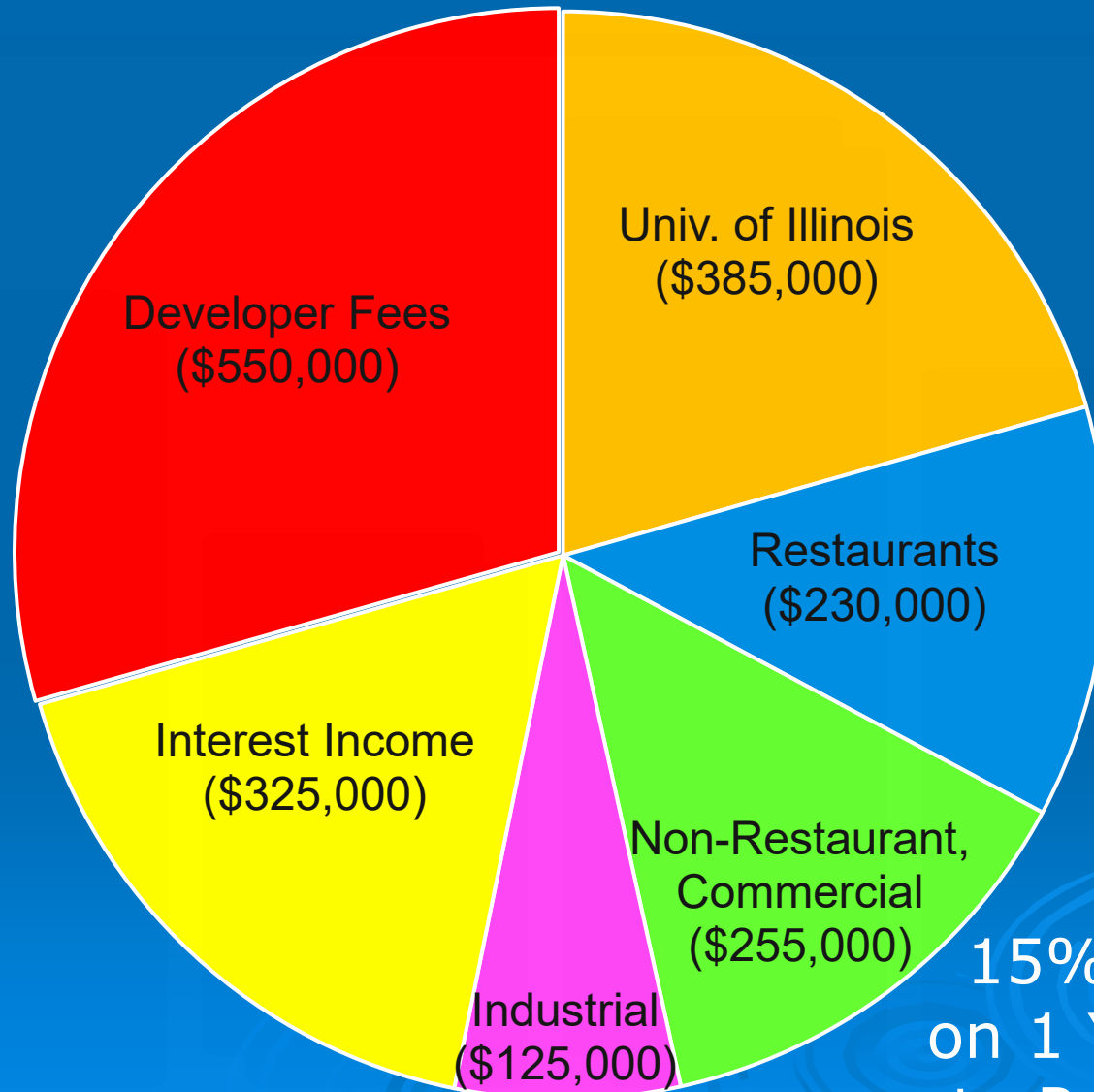


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Additional Graphics for Q & A

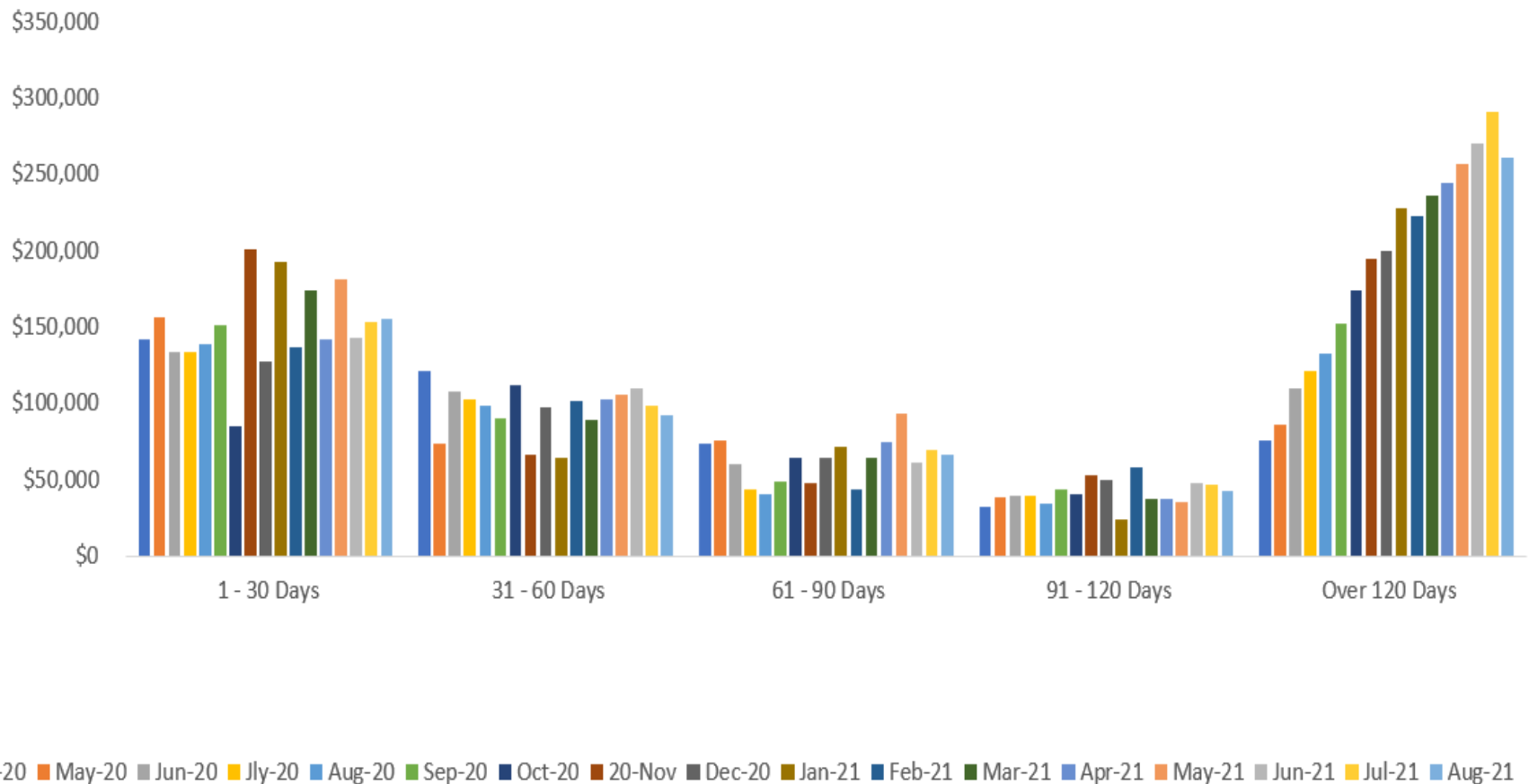


\$1,870,000 Missing in First Year



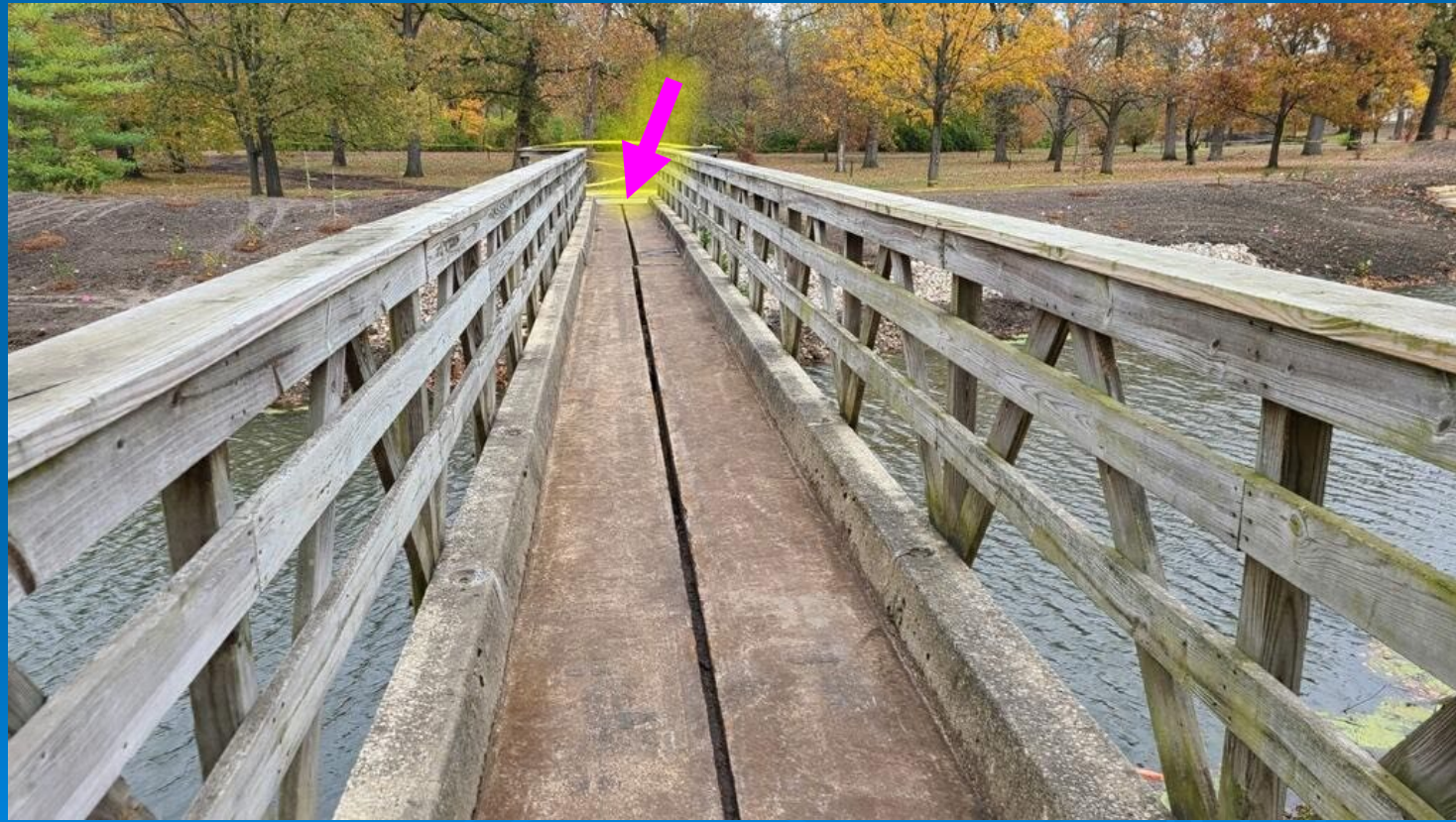
15% Premium
on 1 Year of Bills
to Replace This

\$620,000 Past Due as of August



This is unpaid and in addition to \$1.87 million lost

ORIGINAL PLAN: REPLACE DECKING AND ADD ACCESS



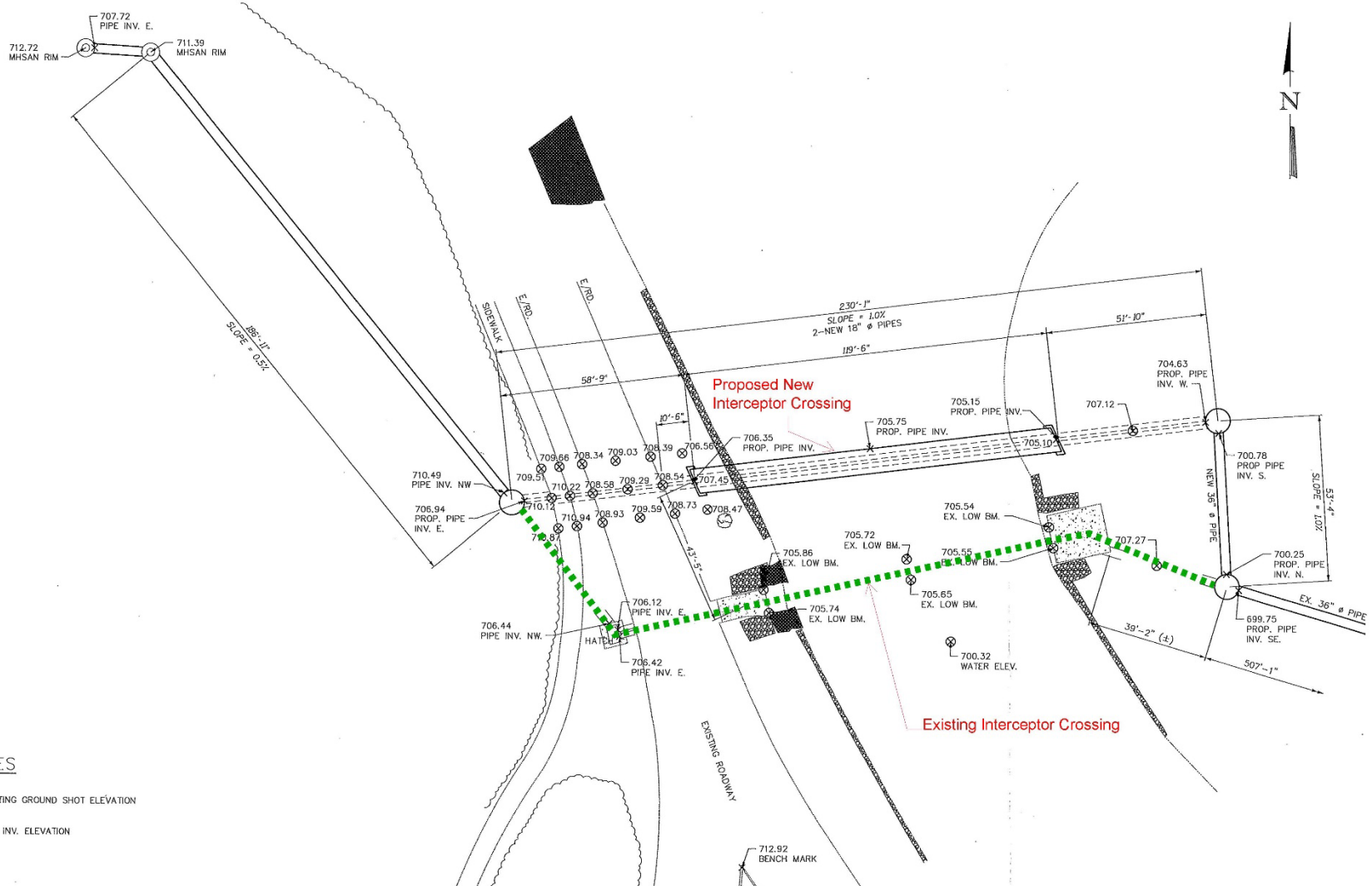
NEW ACCESS HATCHES PROVIDED NEW INSIGHT INSIDE EAST VAULT



CHUNKS OF LINING MISSING OR DELAMINATED THROUGHOUT



NEW BRIDGE/PIPE TO BE BUILT BESIDE OLD, THEN DEMO OLD



NOTES

- ⊗ EXISTING GROUND SHOT ELEVATION
- × PIPE INV. ELEVATION