



**CUY-90-14.90**

**PID 77332/85531**

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**APPENDIX ST-03**

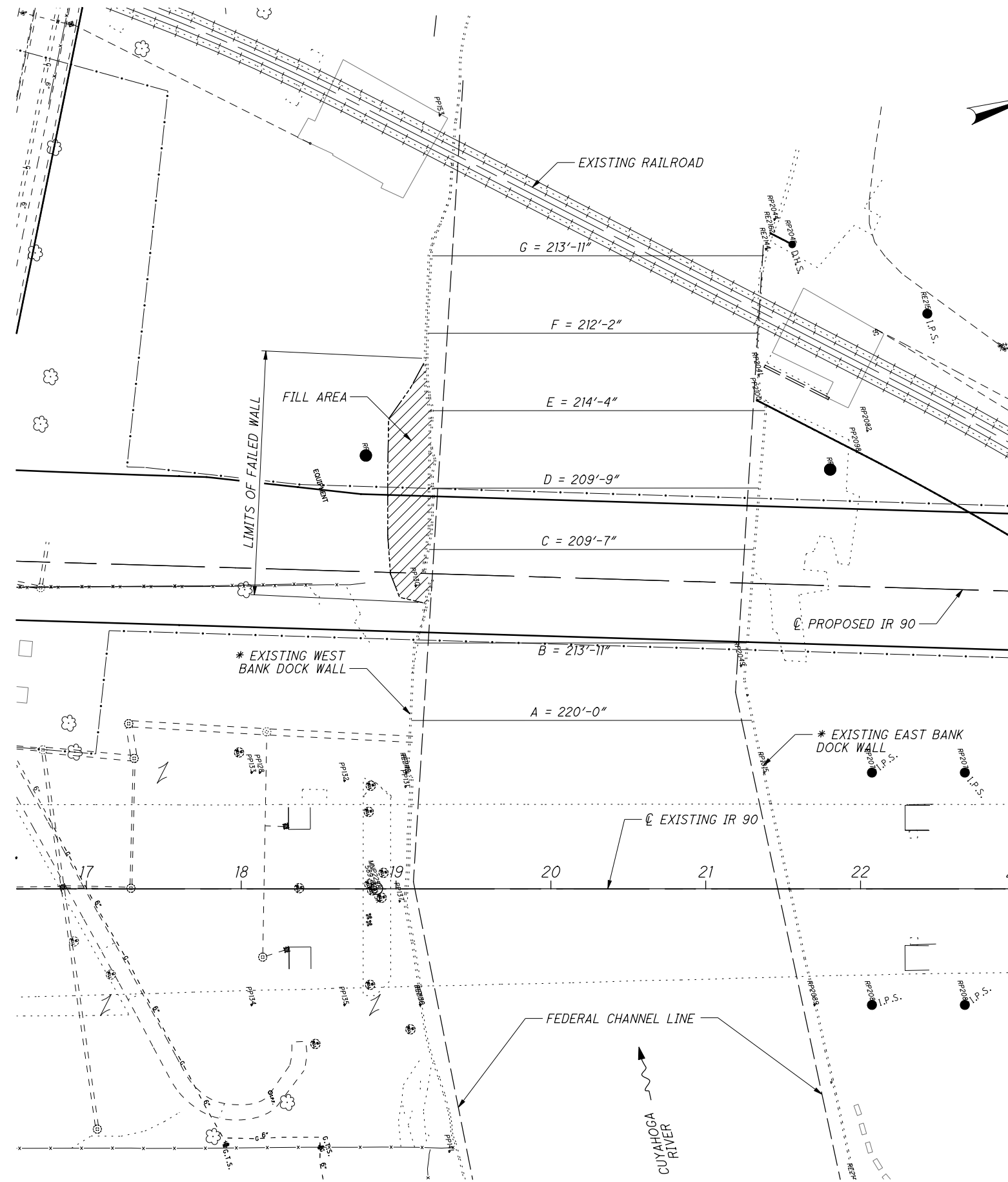
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**Bulkhead Conceptual Plans  
(Basic Configuration)**

State of Ohio  
Department of Transportation  
Jolene M. Molitoris, Director

**Innerbelt Bridge  
Construction Contract Group 1 (CCG1)**

\$ TIME \$  
\$ DATE \$  
\$ FILE \$



BENCHMARK DATA			
BM XXXX STA.	XXX=XX.XX,	ELEV. XXX.XX,	OFFSET XX.XX' XX., XXXXXXXX
BM XXXX STA.	XXX=XX.XX,	ELEV. XXX.XX,	OFFSET XX.XX' XX., XXXXXXXX

FOR ADDITIONAL BENCHMARK INFORMATION SEE ROADWAY PLANS.

WATERWAY OPENING		
DIM	EXISTING*	PROPOSED**
A	220'-0"	217'-8"
B	213'-11"	210'-1"
C	209'-7"	211'-3"
D	209'-9"	212'-5"
E	214'-4"	214'-0"
F	212'-2"	206'-9"
G	213'-11"	208'-6"

\* - LOCATION OF EXISTING DOCK WALL AS SURVEYED ON MAY 27, 2009

\*\* - THE LOCATION OF DOCK WALL IF PLACED APPROXIMATELY ON THE WALL'S ORIGINAL PROPOSED ALIGNMENT

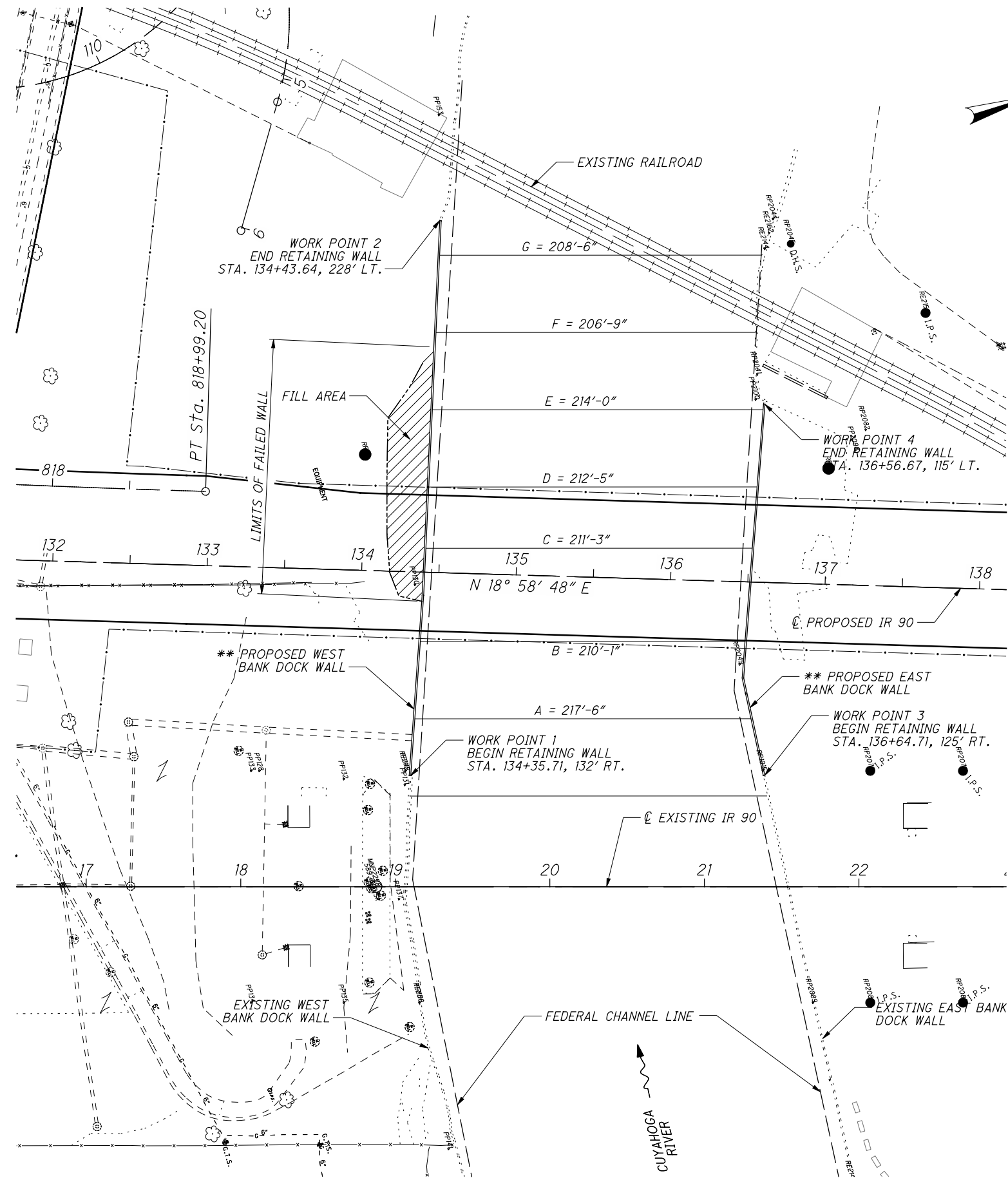
▨ - TOTAL FILL AREA = 1420± CUBIC YARDS

**NOTE:**

1. FOR TIMBER FENDER DETAILS, SEE ATTACHED SHEET.

DESIGNED	DATE
JN	
CHECKED	REVIEWED
RL	
DRAWN	STRUCTURE FILE NUMBER
FIB	
REVISED	

\$ TIME \$  
\$ DATE \$  
\$ FILE \$



BENCHMARK DATA	
BM XXXX STA. XXX=XX.XX, ELEV. XXX.XX, OFFSET XX.XX' XX., XXXXXXX	
BM XXXX STA. XXX=XX.XX, ELEV. XXX.XX, OFFSET XX.XX' XX., XXXXXXX	

FOR ADDITIONAL BENCHMARK INFORMATION SEE ROADWAY PLANS.

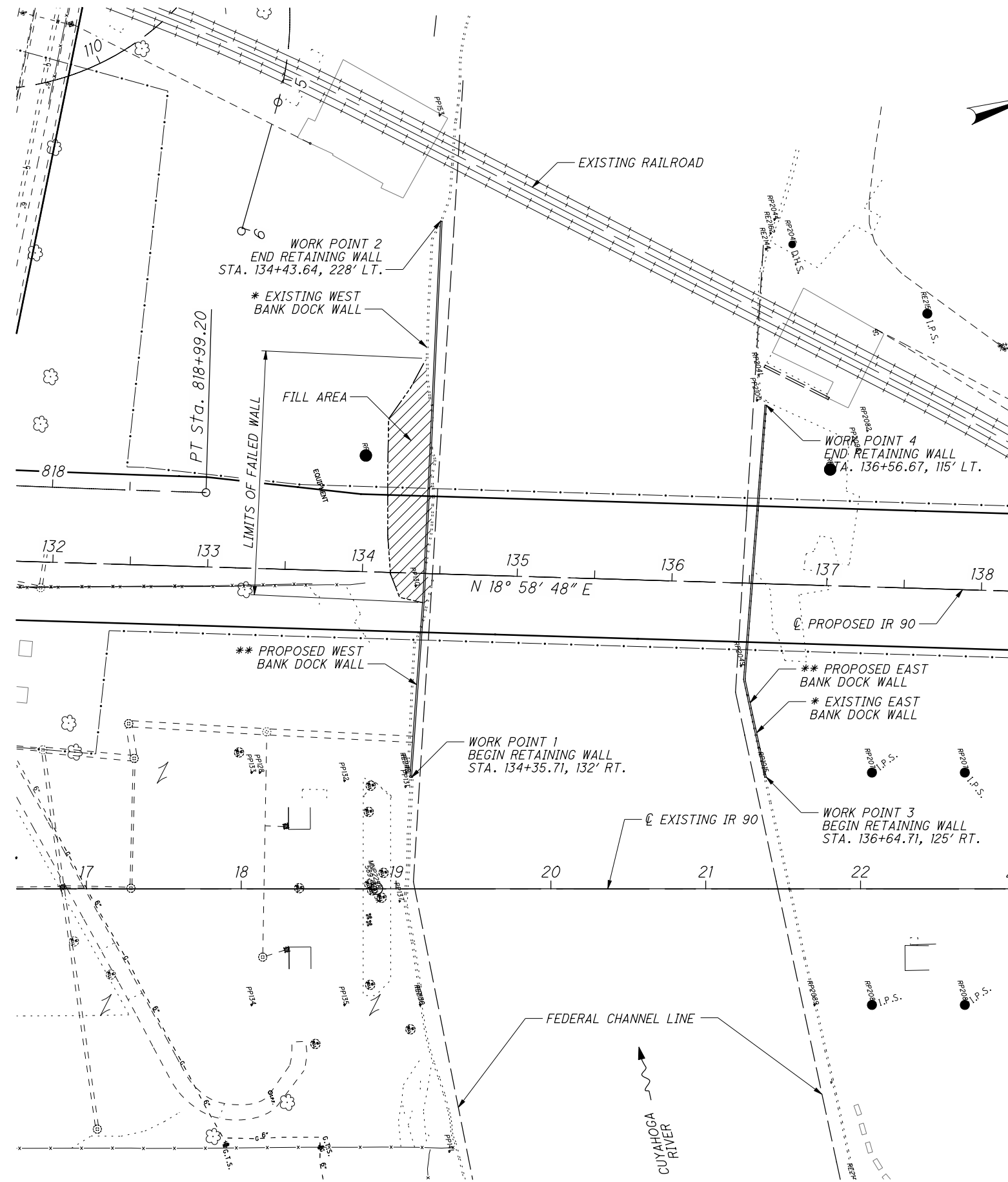
WATERWAY OPENING		
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JN	
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RL	
DRAWN	STRUCTURE FILE NUMBER
FIB	
REVISED	

\$ TIME \$  
\$ DATE \$  
\$ FILE \$



BENCHMARK DATA	
BM XXXX STA. XXX=XX.XX, ELEV. XXX.XX, OFFSET XX.XX' XX., XXXXXXXX	
BM XXXX STA. XXX=XX.XX, ELEV. XXX.XX, OFFSET XX.XX' XX., XXXXXXXX	

FOR ADDITIONAL BENCHMARK INFORMATION SEE ROADWAY PLANS.

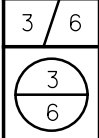
WATERWAY OPENING		
DIM	EXISTING*	PROPOSED**
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- \*\* - THE LOCATION OF DOCK WALL IF PLACED APPROXIMATELY ON THE WALL'S ORIGINAL PROPOSED ALIGNMENT
- ▨ - TOTAL FILL AREA = 1420± CUBIC YARDS

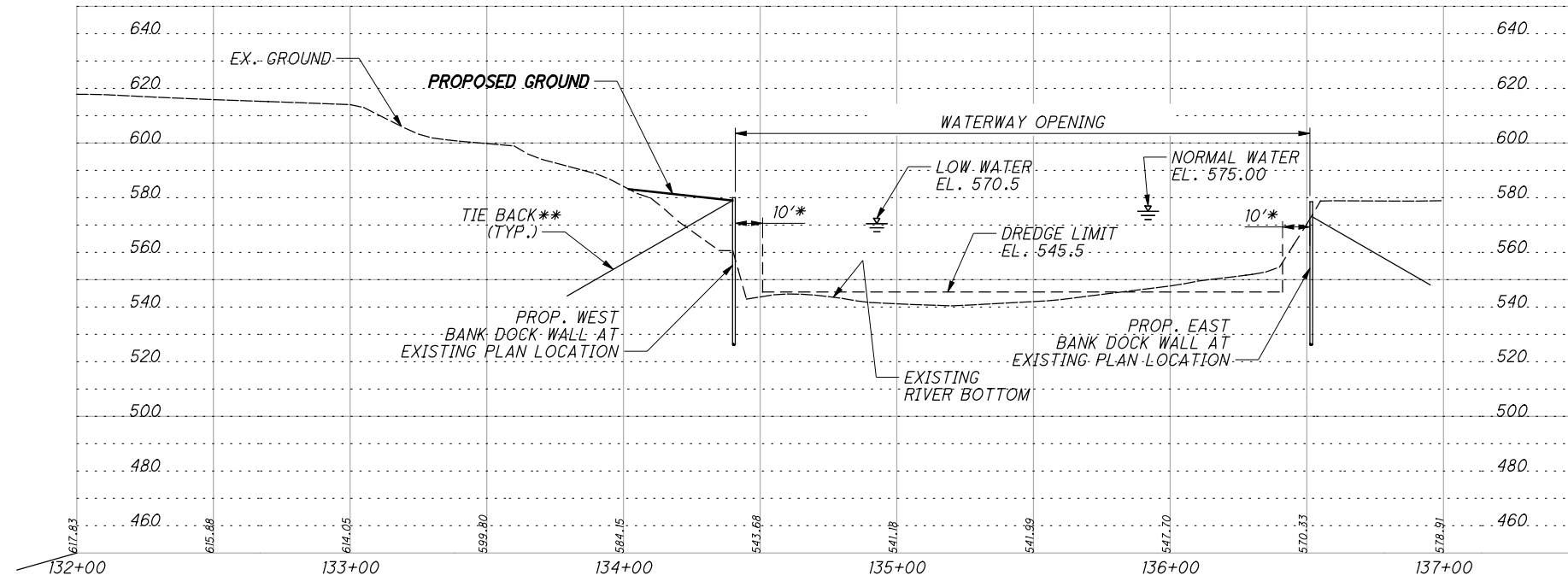
**NOTE:**  
1. FOR TIMBER FENDER DETAILS, SEE ATTACHED SHEET.

DESIGNED	DATE
JN	
CHECKED	REVIEWED
RL	
FILE NO.	STRUCTURE FILE NUMBER
CUY-90-1452	

**EX. DOCK WALL AS SURVEYED & PROP. WALL AT ORIGINAL LOCATION**  
BRIDGE NO. CUY-90-1452  
OVER CUYAHOGA RIVER



\$ TIME \$  
 \$ DATE \$  
 \$ FILE \$



**SECTION ALONG PROPOSED IR-90**

- \* = DREDGE LIMITS
- \*\* = CONTRACTOR MAY ELECT TO USE HORIZONTAL TIEBACK WITH DEADMAN ANCHOR OR PILE ANCHOR.

DESIGNED	DATE
JN	STRUCTURE FILE NUMBER
CHECKED	REVIEWED
RL	FIB
	REVISED

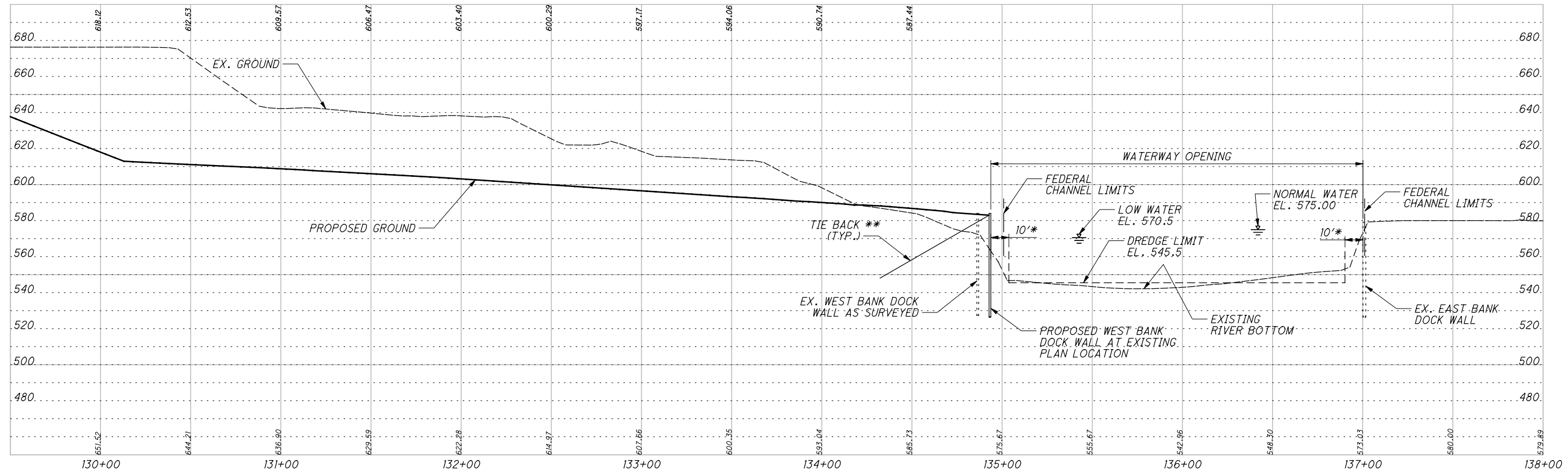
**PRELIMINARY DOCK WALL DETAILS**  
 BRIDGE NO. CUY-90-1452  
 OVER CUYAHOGA RIVER

**CUY-90-14.92**  
**PID No. 77332**

DESIGNED	DATE
JN	
CHECKED	REVIEWED
RL	
DRAWN	STRUCTURE FILE NUMBER
FIB	
REVISED	

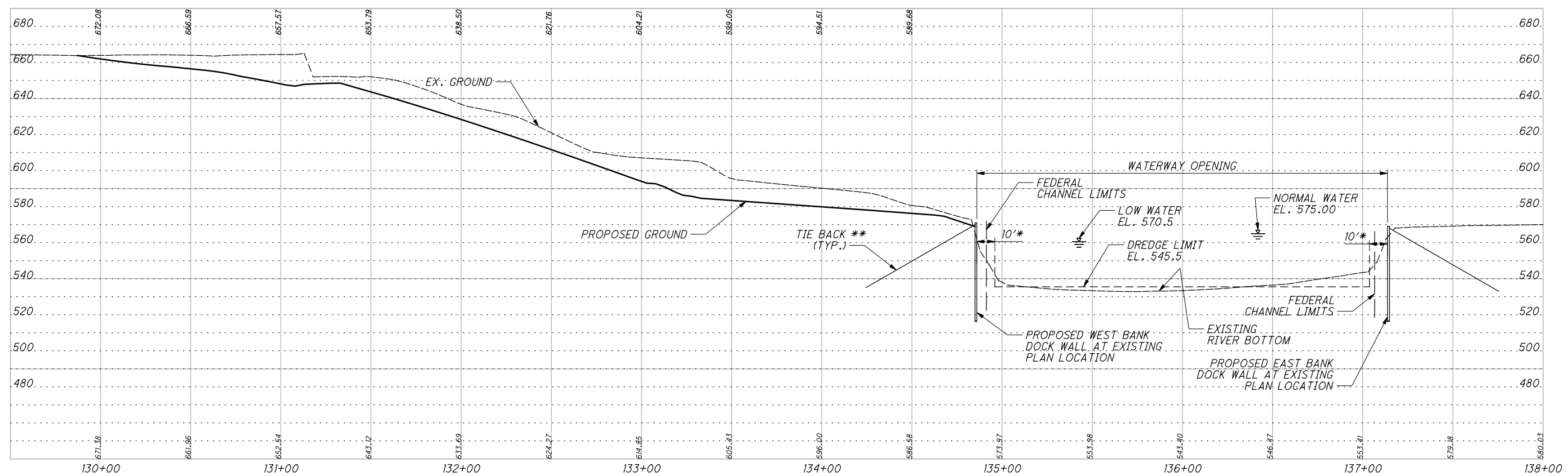
**PRELIMINARY DOCK WALL DETAILS**  
 BRIDGE NO. CUY-90-1452  
 OVER CUYAHOGA RIVER

**CUY-90-14.92**  
**PID No. 77332**



**SECTION 175' LEFT OF PROPOSED IR-90**

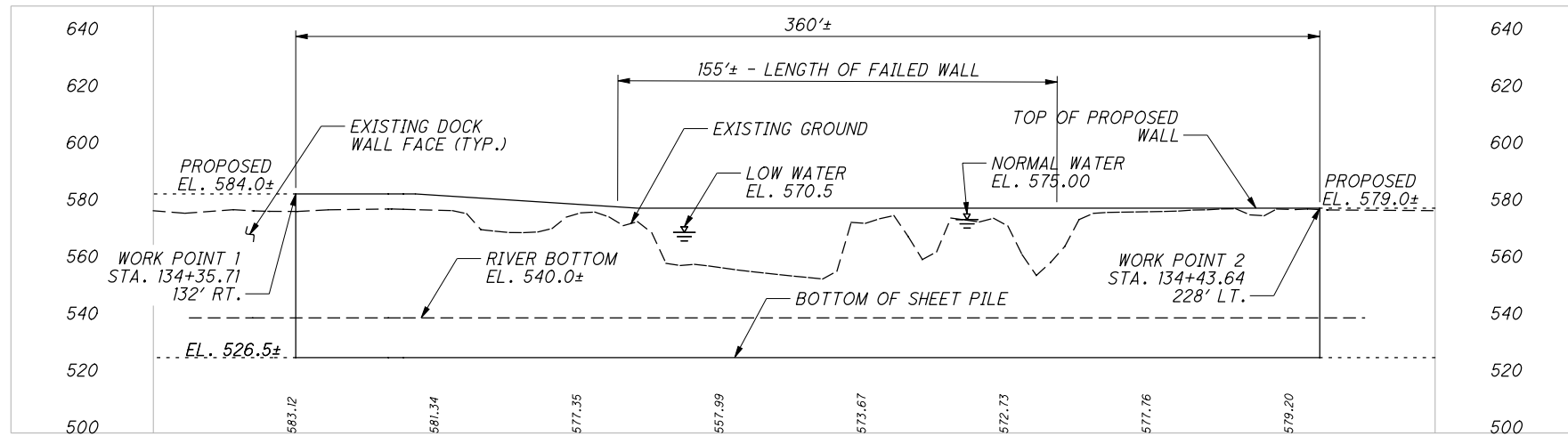
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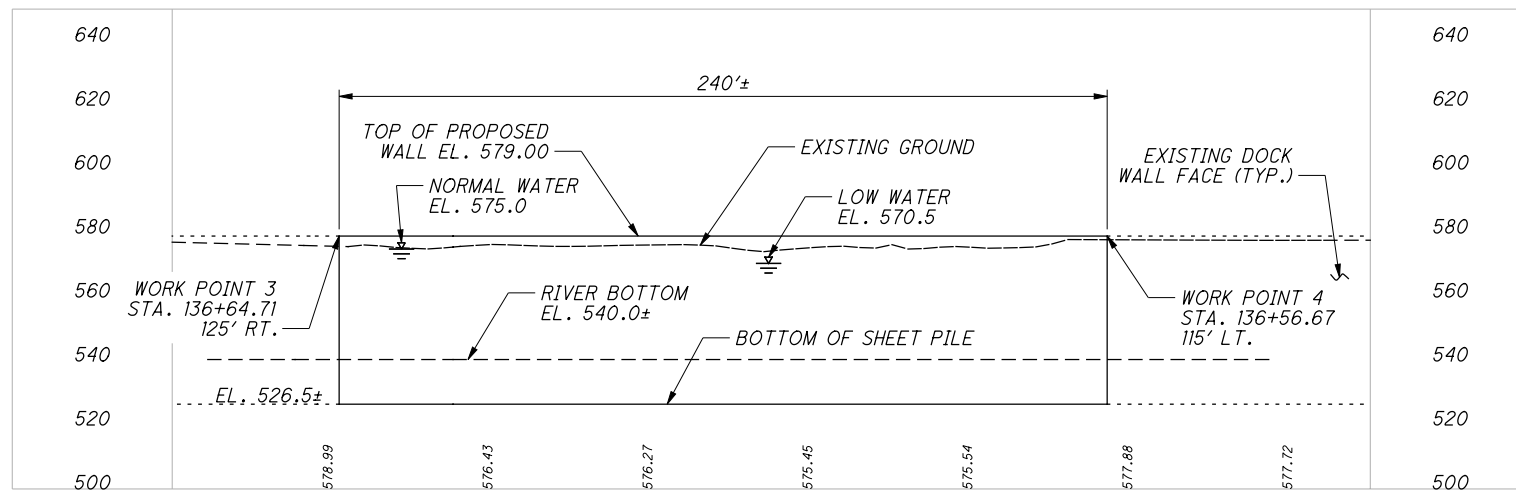
**SECTION 125' RIGHT OF PROPOSED IR-90**

\$TIME\$  
 \$DATE\$  
 \$FILE\$

\$TIME\$  
\$DATE\$  
\$FILE\$



**PROFILE PROPOSED WEST BANK DOCK WALL**



**PROFILE PROPOSED EAST BANK DOCK WALL**

DESIGNED	DATE
JN	
CHECKED	REVIEWED
RL	STRUCTURE FILE NUMBER
	REVISED

**PRELIMINARY DOCK WALL DETAILS**  
BRIDGE NO. CUY-90-1452  
OVER CUYAHOGA RIVER

**CUY-90-14.92**  
**PID No. 77332**