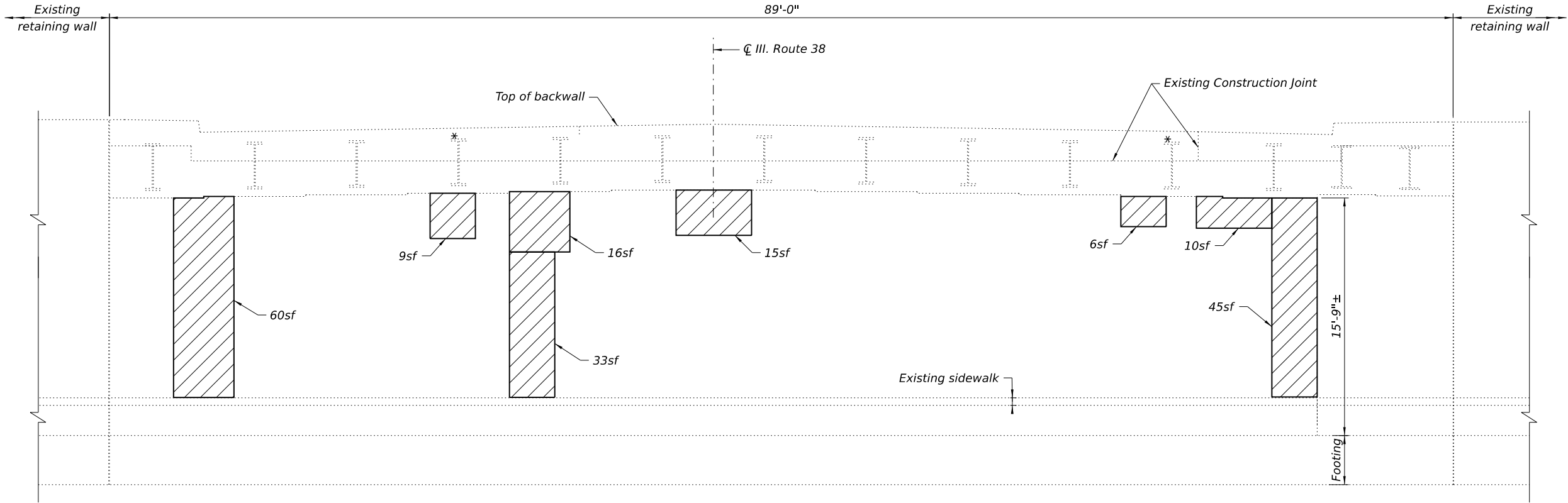


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WEST ABUTMENT
(Looking West)

INTERIOR BEAM REACTION TABLE

Dead Load (kips)	49.3
Live Load (kips)	39.1
Impact (kips)	9.5
Total (kips)	97.9

EXTERIOR BEAM REACTION TABLE

Dead Load (kips)	47.2
Live Load (kips)	26.2
Impact (kips)	6.3
Total (kips)	79.7

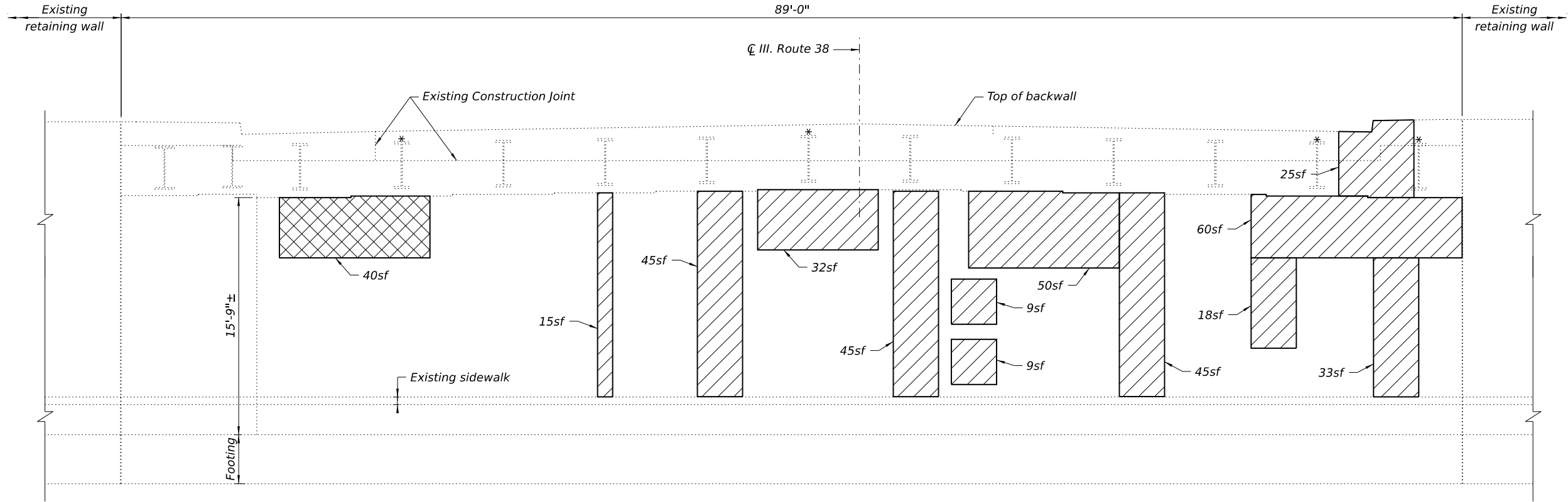
BILL OF MATERIAL

SYMBOL	ITEM	UNIT	QUANTITY
	Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	194
*	Temporary Shoring and Cribbing	Each	2

NOTE

Repair of the existing abutment shall include, but may not be limited to, the areas shown. The actual areas to be repaired will be determined by the Engineer at the time of construction.

MODEL: Default
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11/15/2024 2:38:39 PM



EAST ABUTMENT
(Looking East)

INTERIOR BEAM REACTION TABLE

Dead Load (kips)	49.3
Live Load (kips)	39.1
Impact (kips)	9.5
Total (kips)	97.9

EXTERIOR BEAM REACTION TABLE

Dead Load (kips)	47.2
Live Load (kips)	26.2
Impact (kips)	6.3
Total (kips)	79.7

BILL OF MATERIAL

SYMBOL	ITEM	UNIT	QUANTITY
	Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	386
	Structural Repair of Concrete (Depth Greater than 5 inches)	Sq. Ft.	40
*	Temporary Shoring and Cribbing	Each	4

NOTE

Repair of the existing abutment shall include, but may not be limited to, the areas shown. The actual areas to be repaired will be determined by the Engineer at the time of construction.

2 REVISED ENTIRE SHEET 11/18/2024

Michael Baker
INTERNATIONAL

USER NAME =	SUSER\$	DESIGNED	MLK	REVISED	-
		CHECKED	JMK	REVISED	-
PLOT SCALE =		DRAWN	JHJ	REVISED	-
PLOT DATE =	11/15/2024	CHECKED	MLK/JMK	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT REPAIR DETAILS
STRUCTURE NO. 022-0163

SHEET S-23 OF S-44 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0347	0347 22 BJ3	DUPAGE	98	67
CONTRACT NO. 62T17				
ILLINOIS FED. AID PROJECT				