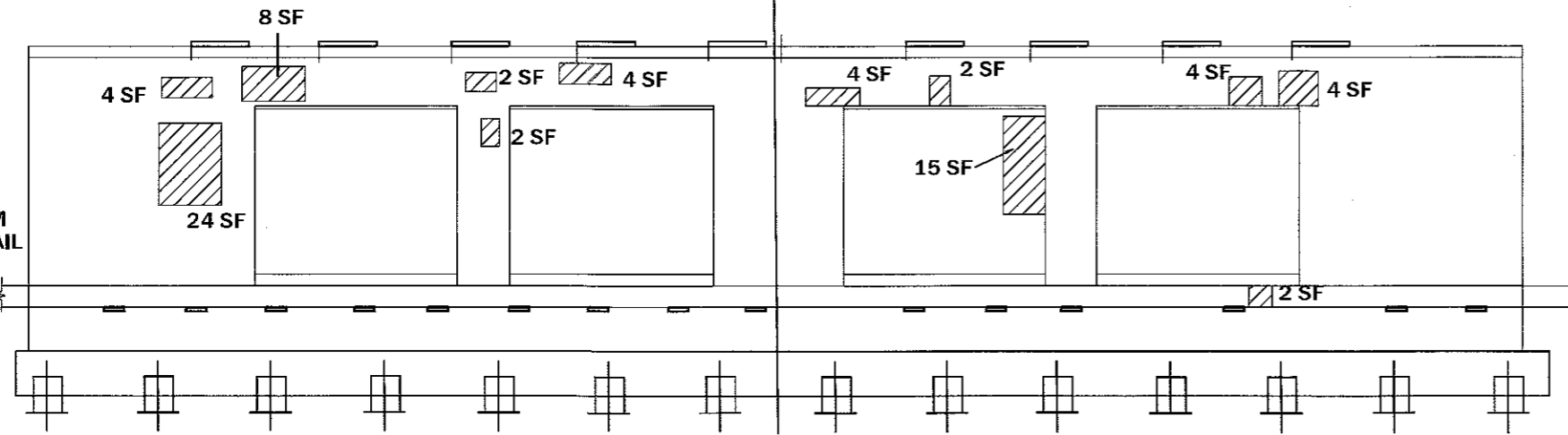
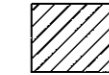


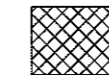
W-BEAM
GUARDRAIL



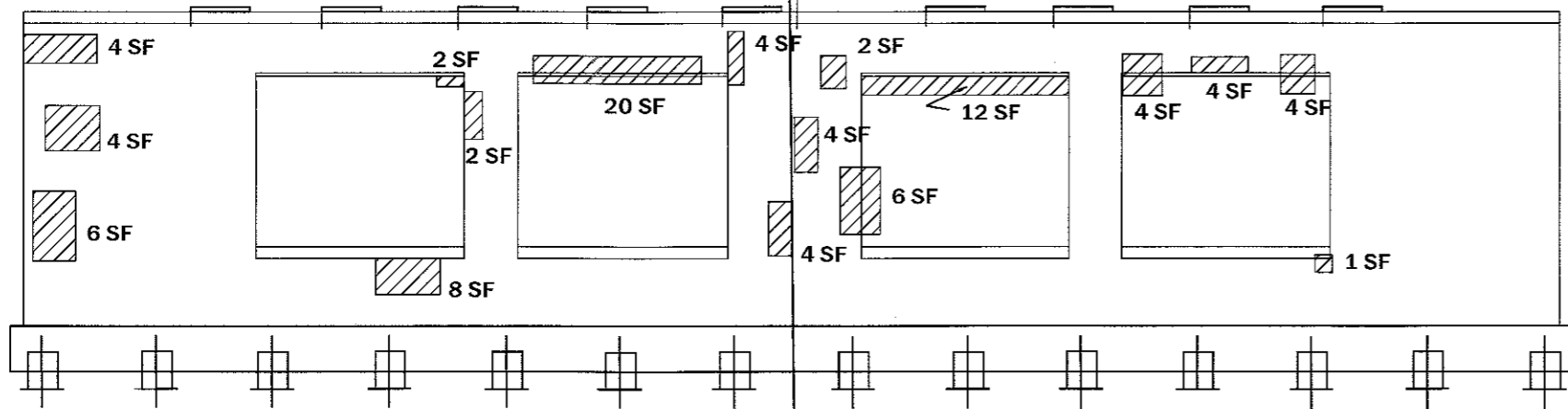
WEST PIER - EAST ELEVATION



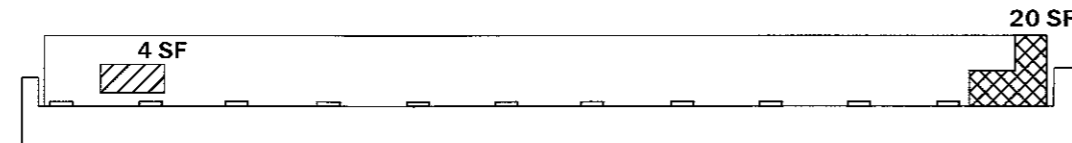
- STRUCTURAL REPAIR OF CONCRETE \leq 5" - 170 SF



- STRUCTURAL REPAIR OF CONCRETE \geq 5" - 20 SF



WEST PIER - WEST ELEVATION



WEST ABUTMENT

REACTIONS SN 016-0826

INTERIOR GIRDER REACTION TABLE					
	W. ABUTMENT	PIER 1	PIER 2	PIER 3	E. ABUTMENT
R DL (k)	20.3	66.9	66.1	66.9	20.3
R LL (k)	31.0	39.3	40.1	39.3	31.0
R IMP (k)	8.7	10.6	10.5	10.6	8.7
R (total) (k)	60.0	116.8	116.7	116.8	60.0

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
STRUCTURAL REPAIR OF CONCRETE \leq 5 INCHES	SQ FT	922
STRUCTURAL REPAIR OF CONCRETE \geq 5 INCHES	SQ FT	20
TEMPORARY SHORING	EACH	2

WEST PIER REPAIRS BILL OF MATERIAL (sn 016-0826)

ITEM	UNIT	QUANTITY
STRUCTURAL REPAIR OF CONCRETE \leq 5 INCHES	SQ FT	170
STRUCTURAL REPAIR OF CONCRETE \geq 5 INCHES	SQ FT	20

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USER NAME = saintvlch	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/9/2017	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 EDENS EXPWY AT LINCOLN AVE. (SN 016-0826)
WEST PIER REPAIRS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2017-0191	COUNTY COOK	TOTAL SHEETS 16	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F38	