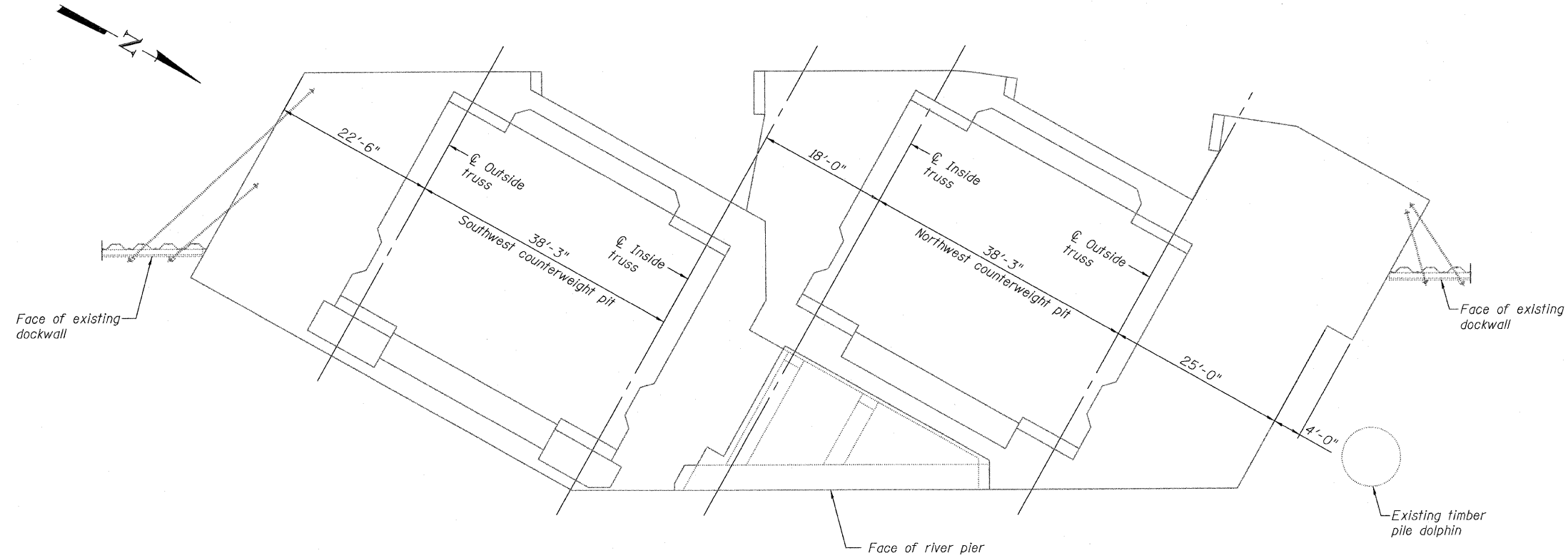


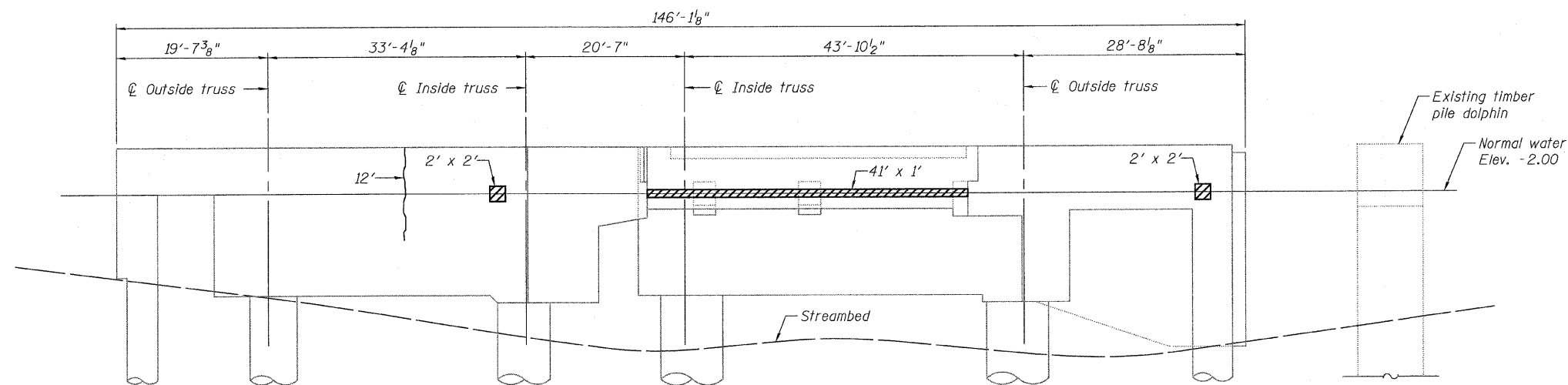
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATE	SHEET NO.	SHEET NO. 9
F.A.P. 389	2424.2 B-1	COOK	23	16	16 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract No. 60E11



PLAN





ELEVATION
(Looking West)

Notes:
Existing reinforcing bars that have been cut and/or damaged during repair operations shall be supplemented by new in kind reinforcing bars. New bars shall be lapped a minimum of 32 bar diameters to existing bars. A mechanical bar splicer shall be used when it is not feasible to provide the minimum bar lap. No welding of bars shall be performed. See Special Provisions for Structural Repair of Concrete.
For below water line concrete repairs utilizing formwork, the concrete mix shall be placed by pumping through ports, which shall be installed at the bottom of each formed repair area.
Areas are in square feet (sq. ft.).
Crack widths shown to be repaired are $\frac{1}{8}'' \pm \frac{1}{16}''$ unless otherwise noted.

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	49.0
Epoxy Crack Injection	Foot	12

LEGEND

-  Structural Repair of Concrete
Depth equal to or less than 5"
-  Epoxy Crack Injection

DESIGNED	S. CHELBAN
CHECKED	A. HAMMAD
DRAWN	D.C.PATEL
CHECKED	A. HAMMAD



WEST RIVER PIER REPAIRS
F.A.P. RT. 389 - SEC. 2424.2 B-1
COOK COUNTY
STATION 380+68.75
STRUCTURE NO. 016-2445