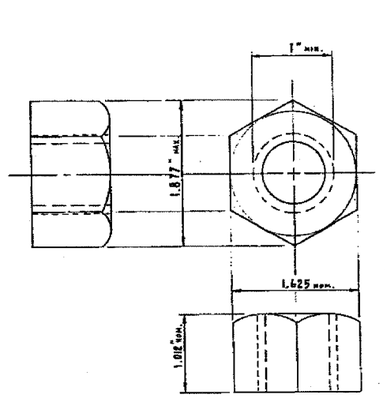
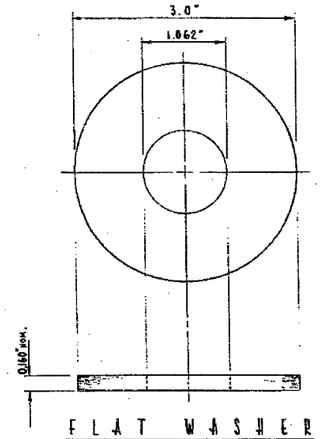
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-101 I	COOK	31	26
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

62842



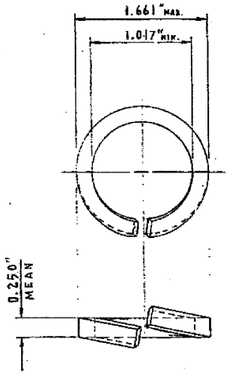
HEXAGON NUT

AMER. NAT'L. STD. HEAVY HEX. FLAT NUT
(ANSI B 18.2.2 – 1972)



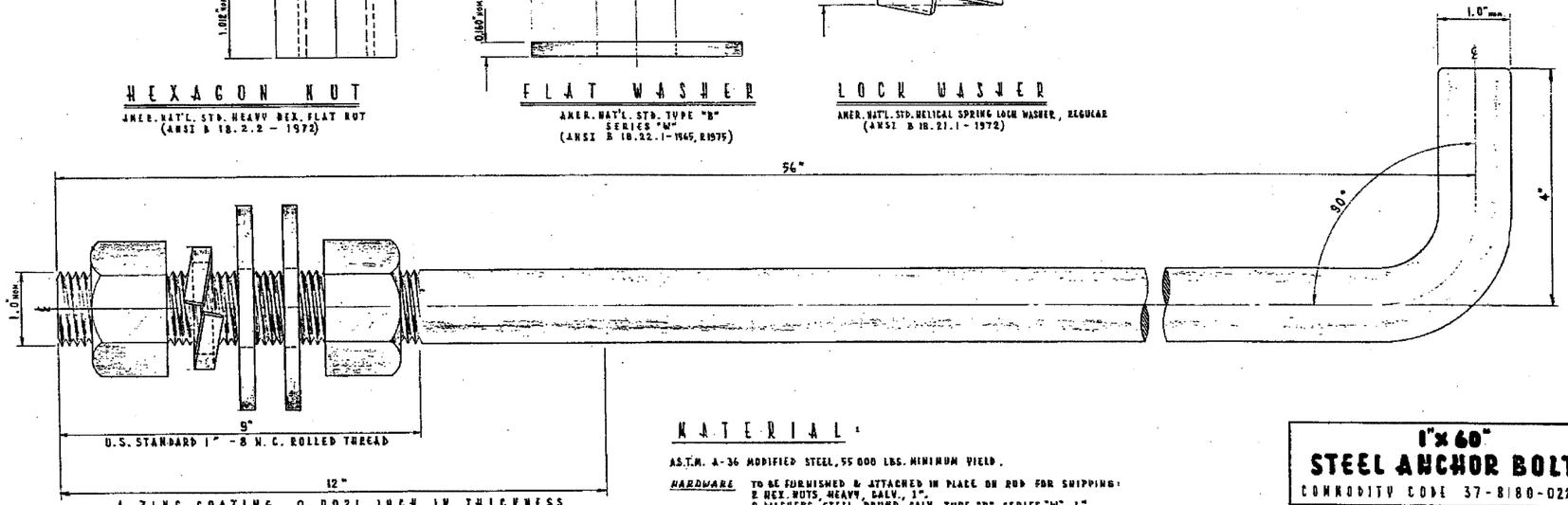
FLAT WASHER

AMER. NAT'L. STD. TYPE "B"
SERIES "W"
(ANSI B 18.22.1-1965, R1975)



LOCK WASHER

AMER. NAT'L. STD. HELICAL SPRING LOCK WASHER, REGULAR
(ANSI B 18.21.1 - 1972)



A ZINC COATING, 0.0021 INCH IN THICKNESS SHALL BE APPLIED OVER THIS LENGTH AND COVERED WITH HEAVY NO-OX-ID, OR EQUAL, RUST INHIBITING COMPOUND

MATERIAL:

A.S.T.M. A-36 MODIFIED STEEL, 55 000 LBS. MINIMUM YIELD.

HARDWARE TO BE FURNISHED & ATTACHED IN PLACE ON ROD FOR SHIPPING:
2 HEX. NUTS, HEAVY, GALV., 1".
2 WASHERS, STEEL, ROUND, GALV., TYPE "B", SERIES "W", 1".
1 WASHER, LOCK, STEEL, GALV., HELICAL SPRING, REGULAR, 1".

BOLT & NUTS SHALL HAVE AN AMERICAN STANDARD CLASS 2 OR 3 FIT. (NUT IS TAPPED OVERSIZE BY 1/32")

REDRAWN		REVISED
	A	9-6-1983
	B	
	C	
	D	
	E	
	F	
	G	

1"x 60" STEEL ANCHOR BOLT

COMMODITY CODE 37-8180-0220

CITY OF CHICAGO
DEPT OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DRAWN: EUGENE GERULIS
CHECKED: A. DONELSON
ENGINEER: W. SHINE
ELEC. DESIGN ENGINEER:
ENGINEER OF ELECTRICITY
DEPUTY COMMISSIONER
DRG. NO. 830
SIZE 17"x 28" SCALE:
DATE SEPT. 9, 1983

BOE-4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63rd ST TO 59th ST (FRONTAGE ROADS)
CITY OF CHICAGO LIGHTING CONDUIT & FOUNDATIONS
WELLS STREET AND WENTWORTH AVENUE

BOE STANDARD DETAILS

SCALE: NONE DRAWN BY: HAR
DATE: February 11, 2005 CHECKED BY: WDS

CTE ENGINEERS
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.
303 EAST WACKER DRIVE, SUITE 600
CHICAGO, ILLINOIS 60601-5212. PHONE: (312) 938-0300

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