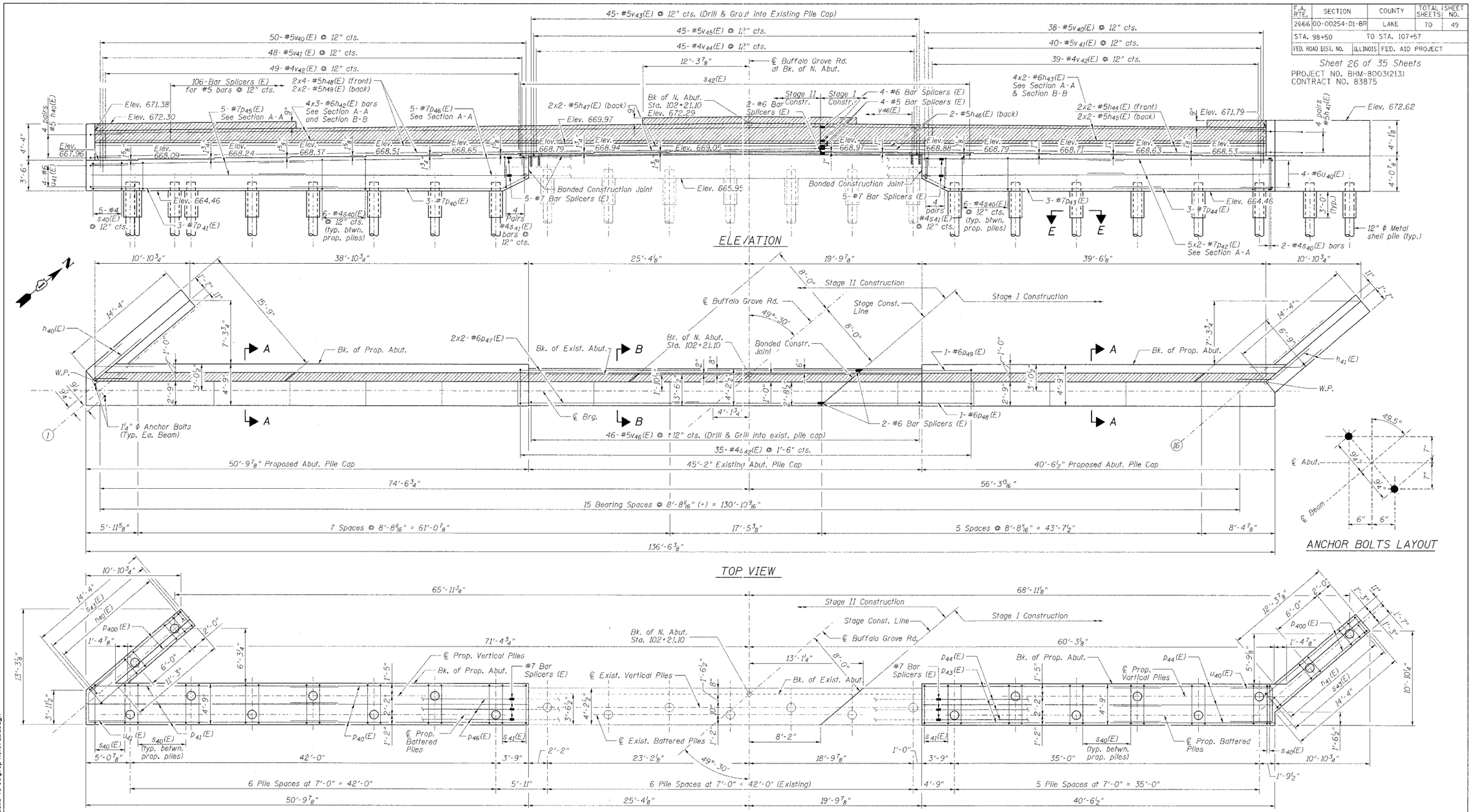
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	49
STA. 98+50		TO STA. 107+57		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet 26 of 35 Sheets
PROJECT NO. BHM-8003(213)
CONTRACT NO. 83875



PILE CAP PLAN

PILE DATA

TYPE: 12" Dia. Metal Shell
CAPACITY: 45 Ton
EST. LENGTH: 52.5'
NO. REQUIRED: 17 (Including 1 Test Pile)

MIN. BAR LAP

#5 BAR = 2'-2"
#6 BAR = 2'-7"
#7 BAR = 3'-5"

NOTES:

1. Work this sheet with sheet 27 of 34.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. For bar splicer details see sheet 29 of 34.
4. Cast steps monolithically with cap.
5. Space cap reinforcement to miss anchor bolts.
6. Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with concrete superstructure.

REVISIONS	
NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

LAKE COUNTY DIVISION OF TRANSPORTATION

NORTH ABUTMENT

BUFFALO GROVE ROAD
AT INDIAN CREEK BRIDGE
SECTION 00-00254-01-BR STATION 101+50.00
LAKE COUNTY STRUCTURE NO. 049-3043
SCALE: NONE DRAWN BY: TBW
DATE: 7/21/06 CHECKED BY: ATI, WK

NORTH ABUTMENT

PLAN
SURVEYED DATE
DRAWN
ALIGNMENT CHECKED
GRADES CHECKED
NOTE BOOK PLAN ATI, WK
STA. NOTED PLAN ATI, WK
NO. PLAN ATI, WK
BY DATE

PROFILE
SURVEYED DATE
DRAWN
GRADES CHECKED
NOTE BOOK STA. NOTED
NO. SIGNATURES (ATI INITIALS ON FILE)
BY DATE

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