

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	19
STA. 99+50.00		TO STA. 103+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROJECT NO. BHM-8003(213)
CONTRACT NO.

- MH-A-4'-1C
103+31.90 31.5' LT.
T/F= 673.14
INV= 668.91
- SS-2A-12"
139' @ 0.4%
TB= 0 CU YD
- INL-B-12, SPECIAL FRAME AND GRATE
103+31.90 8' RT.
T/F= 672.73
INV= 669.07
- INL-A-24
103+31.90 30' RT.
T/F= 672.70
INV= 669.16

NOTE:
10 YR. FLOODPLAIN ELEV.:
UPSTREAM OF BRIDGE = 664.7
DOWNSTREAM OF BRIDGE = 664.56

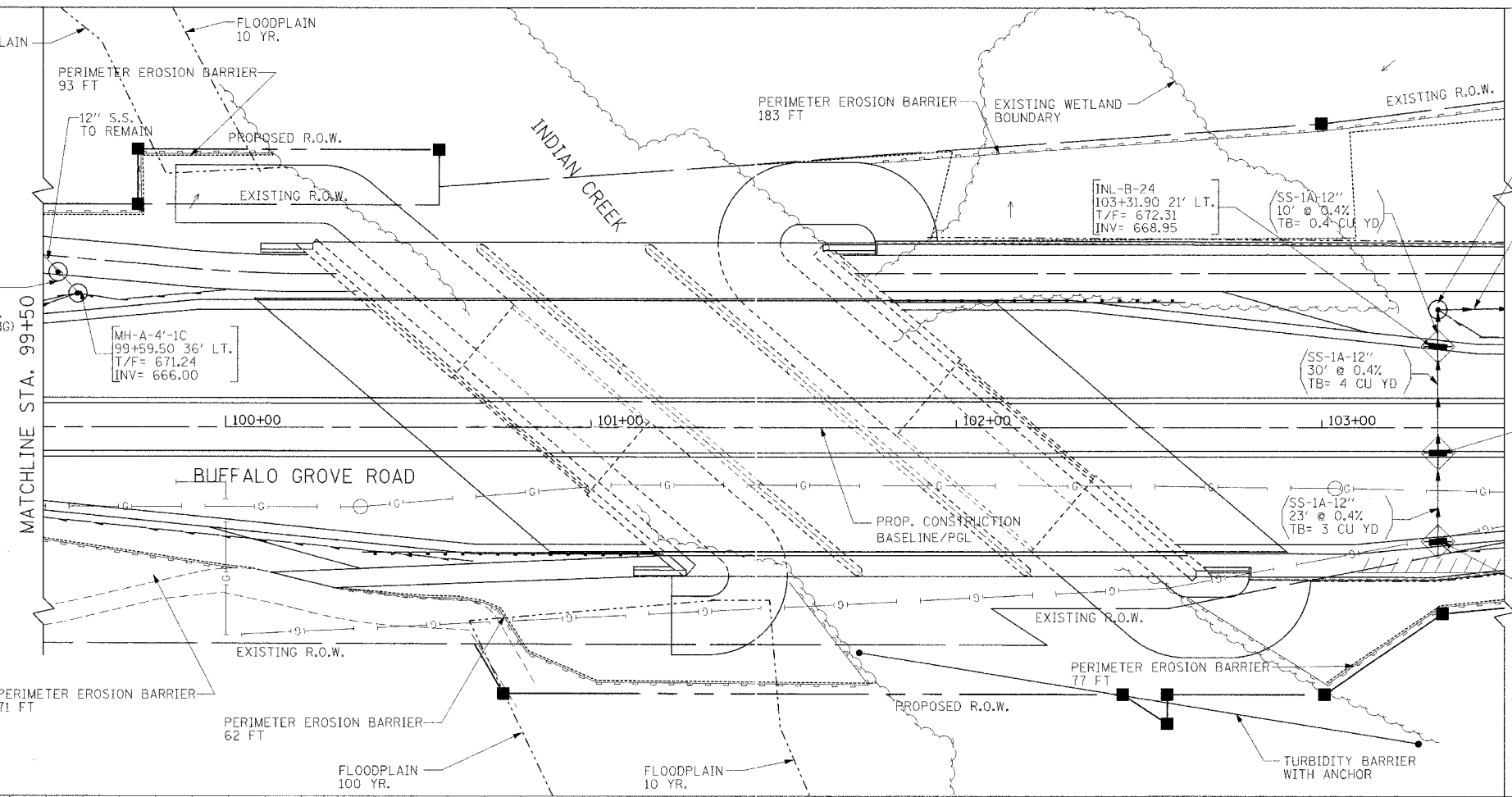
100 YR. FLOODPLAIN ELEV.:
UPSTREAM OF BRIDGE = 666.6
DOWNSTREAM OF BRIDGE = 666.35

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	REVISIONS	
	NO. OF REVISIONS	
	DATE	

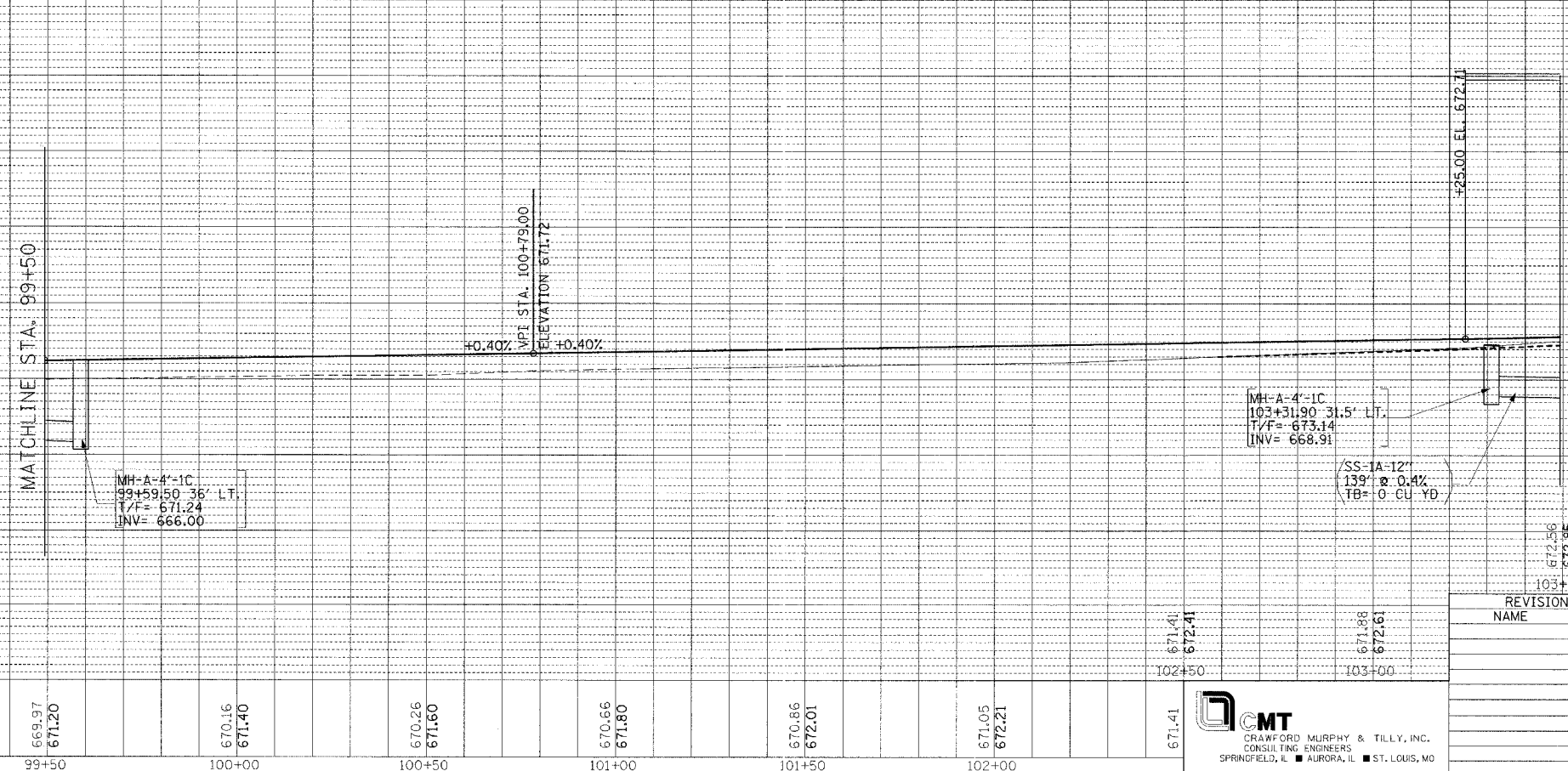
PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	REVISIONS	
	NO. OF REVISIONS	
	DATE	

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- LEGEND**
- PROPOSED STORM SEWER
 - EXISTING STORM SEWER
 - PROPOSED UNDERDRAIN
 - EXISTING UNDERDRAIN
 - PROPOSED INLET
 - EXISTING INLET
 - PROPOSED MANHOLE
 - EXISTING MANHOLE
 - EXISTING CATCH BASIN
 - R STRUCTURE REMOVAL
 - A STRUCTURE ADJUSTMENT
 - STORM SEWER REMOVAL
 - G EXISTING GAS LINE
 - T EXISTING TELEPHONE LINE
 - E EXISTING ELECTRICAL LINE
 - ◇ INLET PIPE PROTECTION
 - ◇ DITCH CHECK TEMPORARY
 - ↑ SITE FLOW DIRECTION
 - ↔ DITCH FLOW DIRECTION
 - PERIMETER EROSION BARRIER SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
 - LIMITS OF CONSTRUCTION
 - TURBIDITY BARRIER WITH ANCHOR



NOTE:
TURBIDITY BARRIER - TYPE 2.DOT 6' DEPTH:
INSTALL 4 EA. 6'x50' BARRIER SECTIONS
BETWEEN ANCHOR POINTS SET AT 48' O.C.
DO NOT ENCLOSE WIDTH OF CREEK
COMPLETELY - LEAVE 5' GAP AT LOWER END
- SET 200 LB. ANCHOR POINTS @ THE ENDS
AND AT BARRIER JOINTS. ATTACH BUOYS
TO ANCHOR LINES. BARRIER SYSTEM MAY
BE LOCATED FURTHER DOWNSTREAM THAN
SHOWN.



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DRAINAGE/UTILITIES AND
EROSION AND SEDIMENT CONTROL**
BUFFALO GROVE ROAD
SHEET 2 OF 3

SCALE: VERT.: 1"=5'
HORIZ.: 1"=10'
DATE: 7/21/06

DRAWN BY: SNH
CHECKED BY: PWK

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