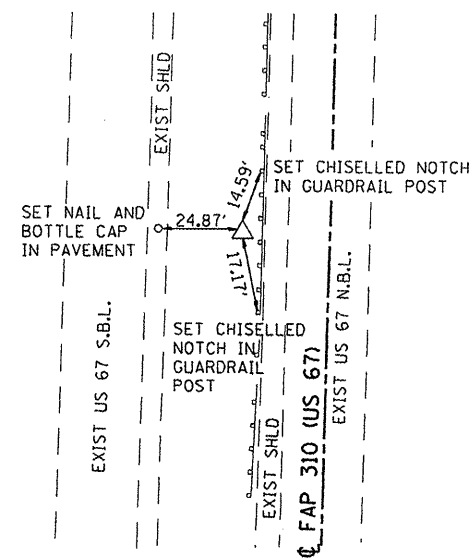




NOT TO SCALE

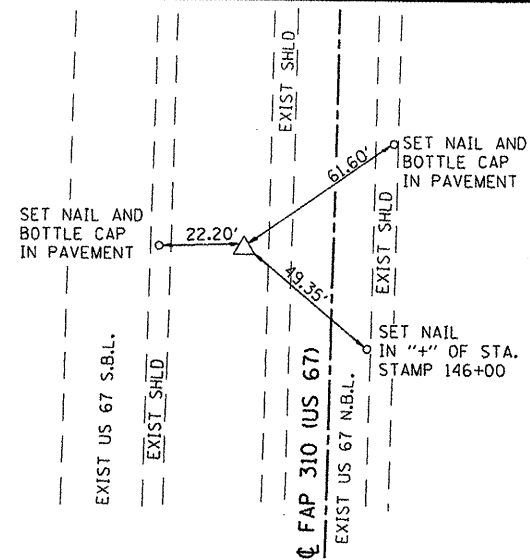


**SURVEY CONTROL POINT #1**  
 SET 5/8" I PIN/CAP  
 23.96' RT, STA. 157+72.08

N = 1409126.433  
 E = 2155711.273



NOT TO SCALE



**SURVEY CONTROL POINT #2**  
 SET 5/8" I PIN/CAP  
 26.13' RT, STA. 145+68.01

N = 1410330.169  
 E = 2155739.463

BENCHMARK LIN1  
 SET CHISELLED "□" IN TOP OF SOUTHWEST  
 WINGWALL OF WEST BRIDGE OVER  
 FARMERS FORK CREEK; S.N. 055-0027  
 STA. = 154+31  
 OFFSET = 91.00' RT  
 ELEV. = 680.74

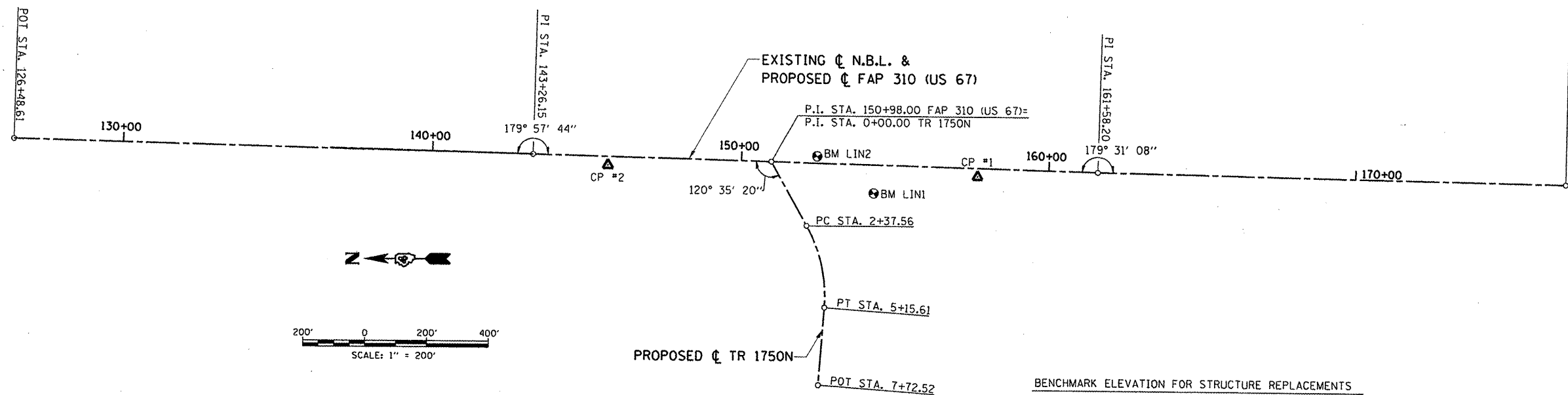
BENCHMARK LIN2  
 SET CHISELLED "□" IN TOP OF NORTHEAST  
 WINGWALL OF EAST BRIDGE OVER  
 FARMERS FORK CREEK; S.N. 055-0003  
 STA. = 152+44  
 OFFSET = 25.00' RT  
 ELEV. = 680.50

NOTE:

STATION/OFFSETS ARE BASED ON THE CENTERLINE  
 OF FAP 310 (US 67) LOCATED ALONG EXISTING  
 CENTERLINE NORTHBOUND LANE.

HORIZONTAL CONTROL NAD83 (2007) - GROUND COORDINATES  
 TO CONVERT TO GRID MULTIPLY BY PROJECT GRID FACTOR  
 0.99993643

VERTICAL CONTROL BASED ON NAVD88



**PROPOSED CURVE DATA TR 1750N**

PI STA. 3+80.65  
 $\Delta = 33^\circ 22' 00''$  (RT)  
 $D = 12^\circ 00' 00''$   
 $R = 477.46'$   
 $T = 143.09'$   
 $L = 278.05'$   
 $E = 20.98'$   
 $S.E. = 7.0\%$   
 P.C. STA. = 2+37.56  
 P.T. STA. = 5+15.61  
 S.E. ATTAINED: STA 1+59.85 TO STA 2+63.45  
 (SEE GEOMETRIC DETAIL)

**BENCHMARK ELEVATION FOR STRUCTURE REPLACEMENTS**

ALL DISKS SET ON STRUCTURES, BRIDGES, CULVERTS, RETAINING WALLS, ETC. AND BEING USED FOR ELEVATION PURPOSES SHALL HAVE ELEVATIONS LEVELED TO THEM. ALL WORK REQUIRED TO PERFORM THIS SHALL BE PAID FOR UNDER PAY ITEM Z0038700. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UNDER THE DIRECTION OF THE RESIDENT ENGINEER THE BRASS DISK(S) WILL BE SET AT THE LOCATION AS LISTED IN THE PLANS. THE CONTRACTOR PERFORMING THE WORK WILL RUN A CLOSED LEVEL CIRCUIT FROM THE TEMPORARY BENCHMARK TO THE SET DISK(S) AND FROM THE SET DISK(S) BACK TO THE TEMPORARY BENCHMARK TO ENSURE THE ELEVATION TO THE SET BRASS DISK(S) IS ACCURATE. THE LEVEL CIRCUIT SHALL BE RECORDED IN A FIELD BOOK ALONG WITH ANY METADATA THAT IS NECESSARY TO INTERPRET THE LEVEL CIRCUIT. ONCE THE ELEVATION IS DETERMINED THE CONTRACTOR SHALL STAMP THE FINAL ELEVATION INTO THE BRASS DISK(S).

THE CONTRACTOR AFTER THE COMPLETION OF THE LEVEL CIRCUIT AND STAMPING OF THE BRASS DISK(S) SHALL SUBMIT TO THE CHIEF OF SURVEYS, ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 4, PEORIA, THE FOLLOWING INFORMATION; A COPY OF THE FIELD BOOK THAT THE LEVEL CIRCUIT WAS KEPT IN SHOWING THE CLOSED CIRCUIT, THE STRUCTURE NUMBER, IF APPLICABLE, FINAL ELEVATION, ENGLISH OR METRIC, DATE, CONTRACT NUMBER AND A BRIEF LOCATION AND REMARKS AS TO THE LOCATION ON THE STRUCTURE WHERE THE DISK(S) CAN BE FOUND.

FILE NAME =	USER NAME = smb	DESIGNED -	REVISED -
p:\07files\070206\phase2\cadd sheets\04	06691-sh1-ABT.dgn	DRAWN -	REVISED -
	PLOT SCALE = 412.4871' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/7/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES, & BENCHMARKS  
 US 67 OVER FARMERS FORK CREEK**

SCALE: 1"=200' SHEET NO. 1 OF 2 SHEETS STA. 126+48.61 TO STA. 176+79.91

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38B-2)BR	MCDONOUGH	130	18
CONTRACT NO. 68691				
ILLINOIS FED. AID PROJECT				