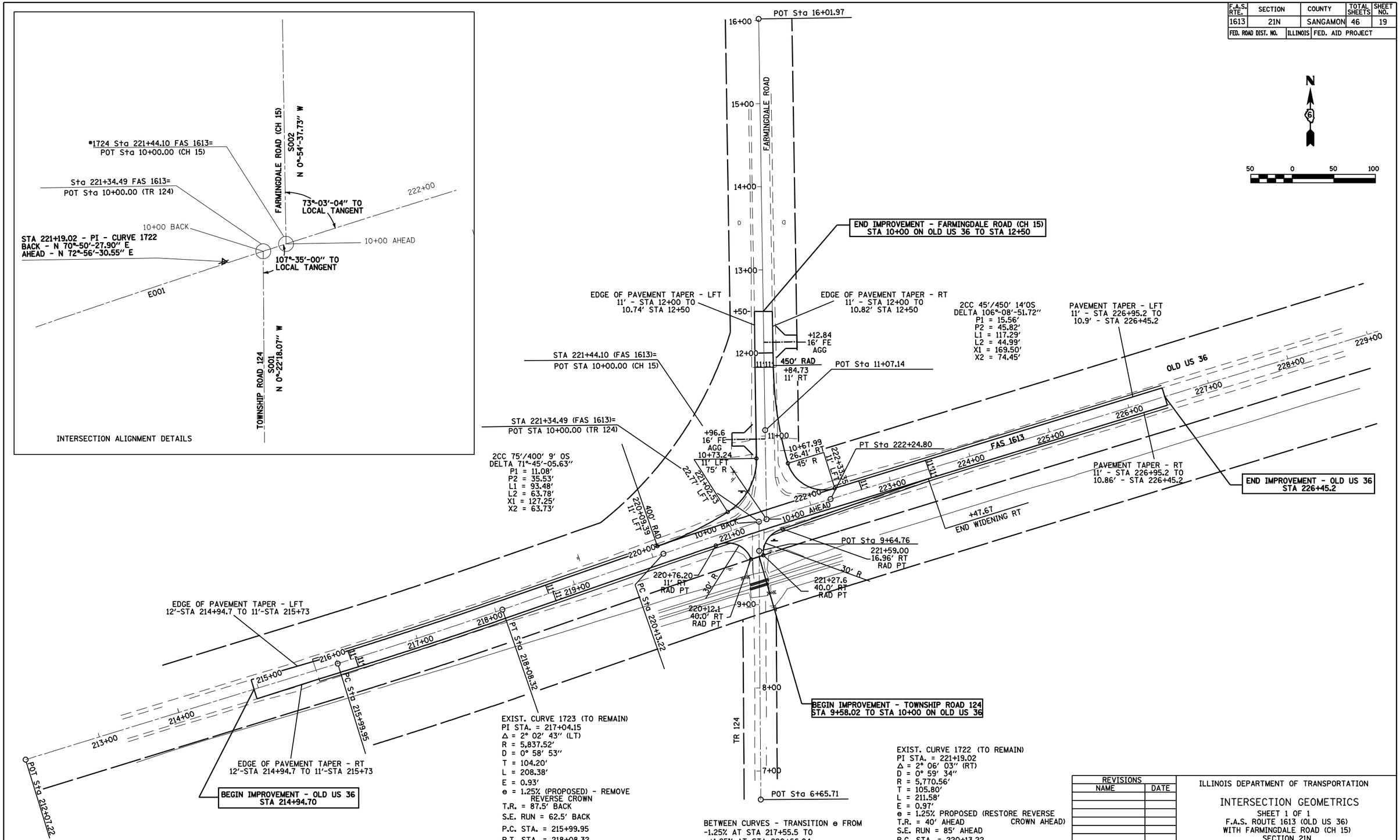
CONTRACT 72842

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1613	21N	SANGAMON	46	19
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INTERSECTION ALIGNMENT DETAILS



EXIST. CURVE 1723 (TO REMAIN)
PI STA. = 217+04.15
Δ = 2° 02' 43" (LT)
R = 5,837.52'
D = 0° 58' 53"
T = 104.20'
L = 208.38'
E = 0.93'
e = 1.25% (PROPOSED) - REMOVE REVERSE CROWN
T.R. = 87.5' BACK
S.E. RUN = 62.5' BACK
P.C. STA. = 215+99.95
P.T. STA. = 218+08.32
START CROWN REMOVAL - STA 215+00
FULL SUPER - STA 216+50 TO 217+55.5

BETWEEN CURVES - TRANSITION e FROM
-1.25% AT STA 217+55.5 TO
+1.25% AT STA 220+66.04
FULL SUPER - STA 220+66.04 TO 221+75

EXIST. CURVE 1722 (TO REMAIN)
PI STA. = 221+19.02
Δ = 2° 06' 03" (RT)
D = 0° 59' 34"
R = 5,770.56'
T = 105.80'
L = 211.58'
E = 0.97'
e = 1.25% PROPOSED (RESTORE REVERSE CROWN AHEAD)
T.R. = 40' AHEAD
S.E. RUN = 85' AHEAD
P.C. STA. = 220+13.22
P.T. STA. = 222+24.80

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRICS

SHEET 1 OF 1
F.A.S. ROUTE 1613 (OLD US 36)
WITH FARMINGDALE ROAD (CH 15)
SECTION 21N
SANGAMON COUNTY

SCALE:
DRAWN BY DJK
DATE AUG 2004
CHECKED BY DBS