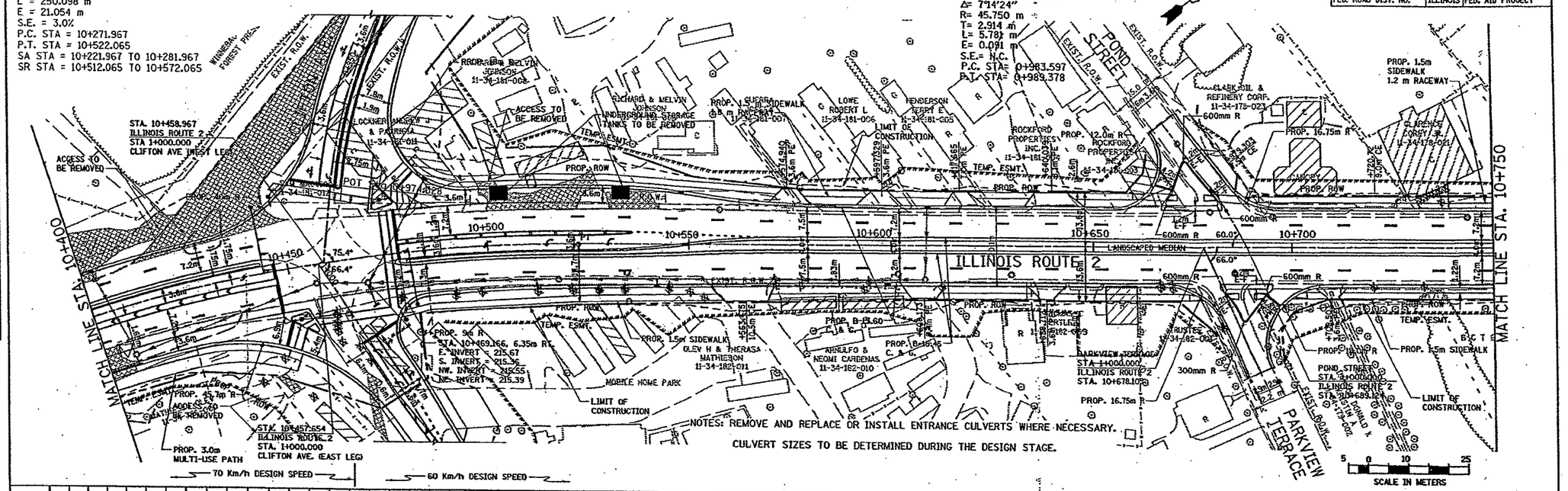
Design Exception no longer required due to Phase II modifications.
See FIGURE 10a Sheet 49 of 57 for additional information.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	14
STA. 10+400		TO STA. 10+750		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

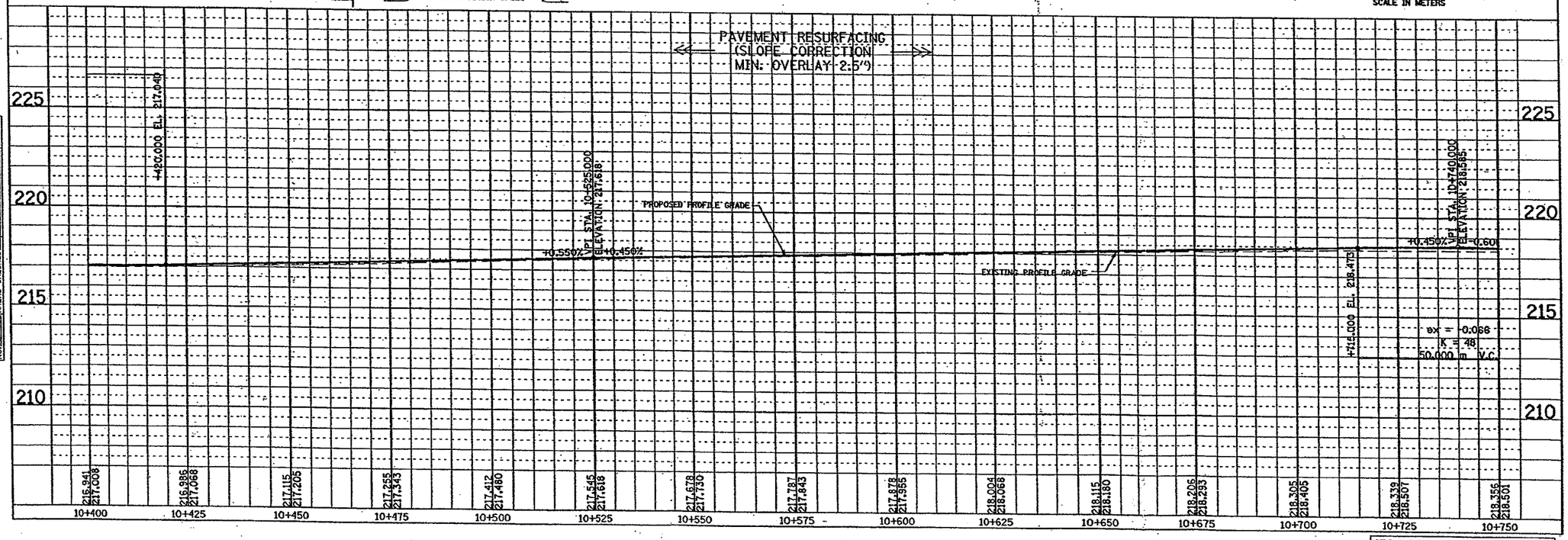
EXIST. CURVE 2-4
P.I. STA = 10+401.530
Δ = 36°55'10"
R = 388.132 m
T = 129.563 m
L = 250.098 m
E = 21.054 m
S.E. = 3.0%
P.C. STA = 10+271.967
P.T. STA = 10+522.065
SA STA = 10+221.967 TO 10+281.967
SR STA = 10+512.065 TO 10+572.065

DESIGN EXCEPTIONS:
1. SOUTHBOUND LEFT TURN LANE IN TRANSITION.

PROP. CURVE POND ST.
P.I. STA= 0+986.487
Δ= 7°14'24"
R= 45.750 m
T= 2.914 m
L= 5.781 m
E= 0.091 m
S.E.= N.C.
P.C. STA= 0+983.597
P.T. STA= 0+989.378



NOTES: REMOVE AND REPLACE OR INSTALL ENTRANCE CULVERTS WHERE NECESSARY.
CULVERT SIZES TO BE DETERMINED DURING THE DESIGN STAGE.



FINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

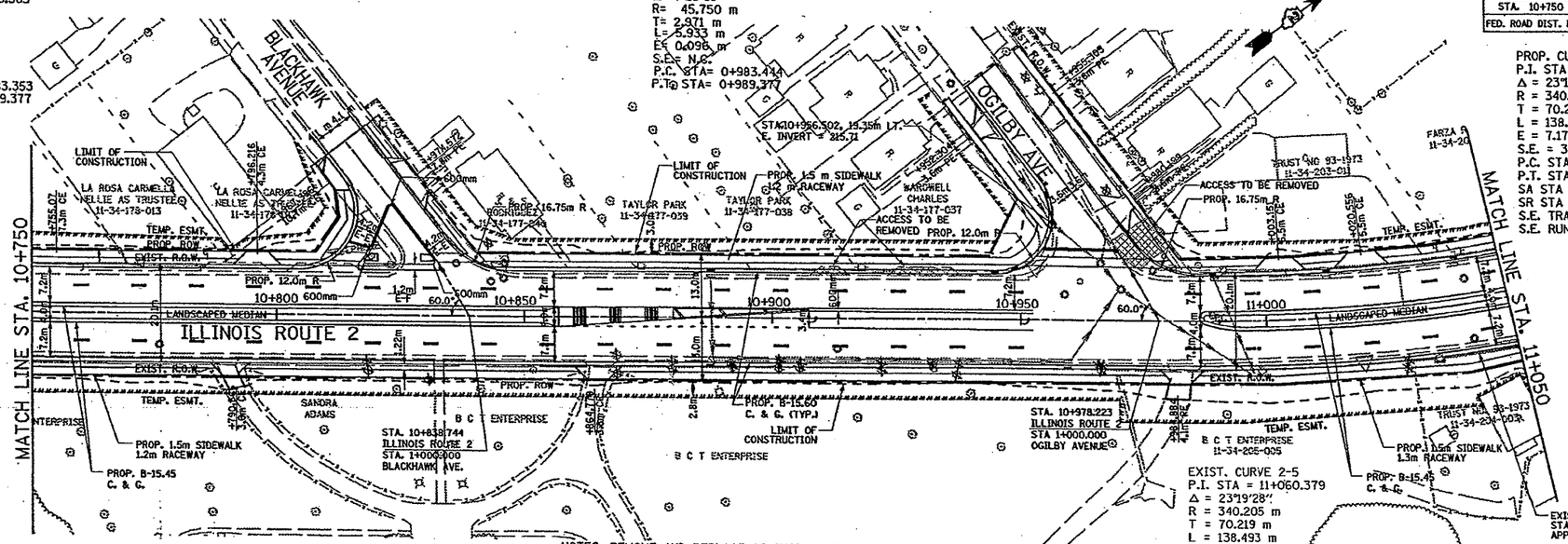
FIGURE 2A
SHEET 14 OF 31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	15
STA. 10+750		TO STA. 11+050		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PROP. CURVE BLACKHAWK AVE.
P.I. STA= 0+986.365
Δ= 7°32'42"
R= 45.750 m
T= 3.014 m
L= 6.024 m
E= 0.045 m
S.E.= N.C.
P.C. STA= 0+983.353
P.T. STA= 0+989.377

PROP. CURVE OGILBY AVE.
P.I. STA= 0+986.313
Δ= 7°25'51"
R= 45.750 m
T= 2.971 m
L= 5.933 m
E= 0.096 m
S.E.= N.C.
P.C. STA= 0+983.444
P.T. STA= 0+989.377

PROP. CURVE 2-5
P.I. STA = 11+060.379
Δ = 23°19'28"
R = 340.205 m
T = 70.219 m
L = 138.493 m
E = 7.171 m
S.E. = 3.64%
P.C. STA = 10+990.160
P.T. STA = 11+128.653
SA STA = 10+945.901 TO 11+002.137
SR STA = 11+116.676 TO 11+172.912
S.E. TRANSITION = 36.294 m
S.E. RUNOUT = 19.942 m



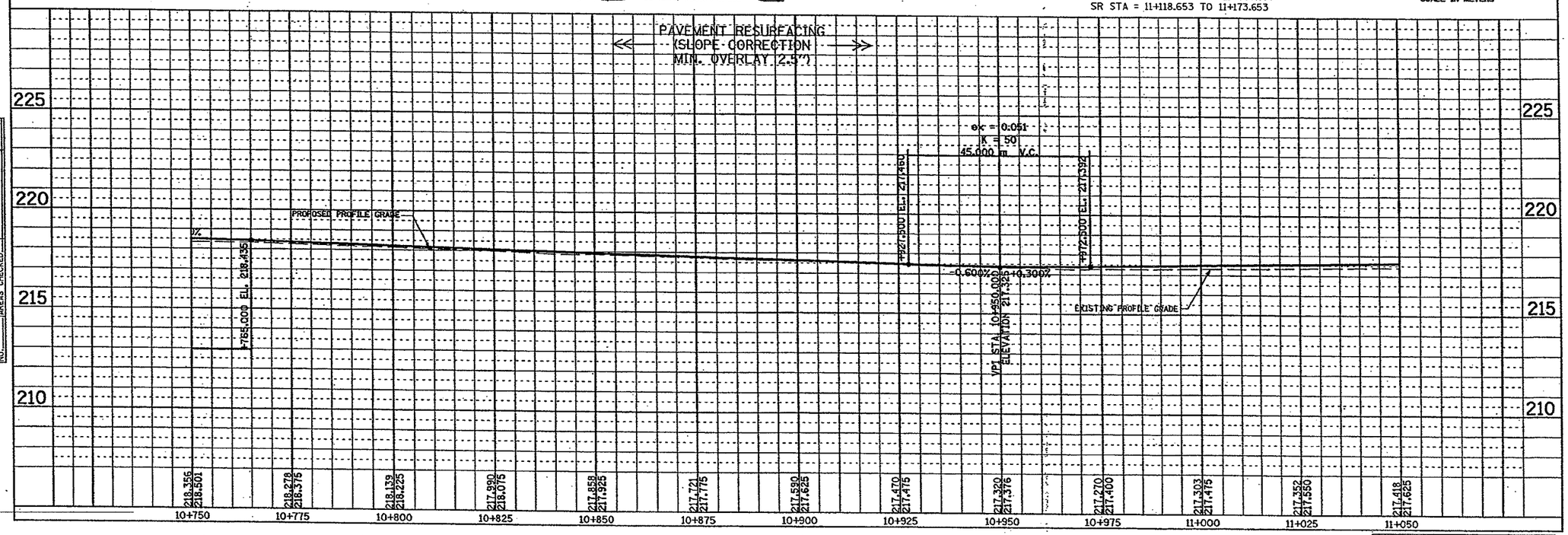
EXIST. CURVE 2-5
P.I. STA = 11+060.379
Δ = 23°19'28"
R = 340.205 m
T = 70.219 m
L = 138.493 m
E = 7.171 m
S.E. = 3.0%
P.C. STA = 10+990.160
P.T. STA = 11+128.653
SA STA = 10+945.160 TO 11+000.160
SR STA = 11+118.653 TO 11+173.653

NOTES: REMOVE AND REPLACE OR INSTALL ENTRANCE CULVERTS WHERE NECESSARY.

CULVERT SIZES TO BE DETERMINED DURING THE DESIGN STAGE.

60 Km/h DESIGN SPEED

SCALE IN METERS 5 0 10 25



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

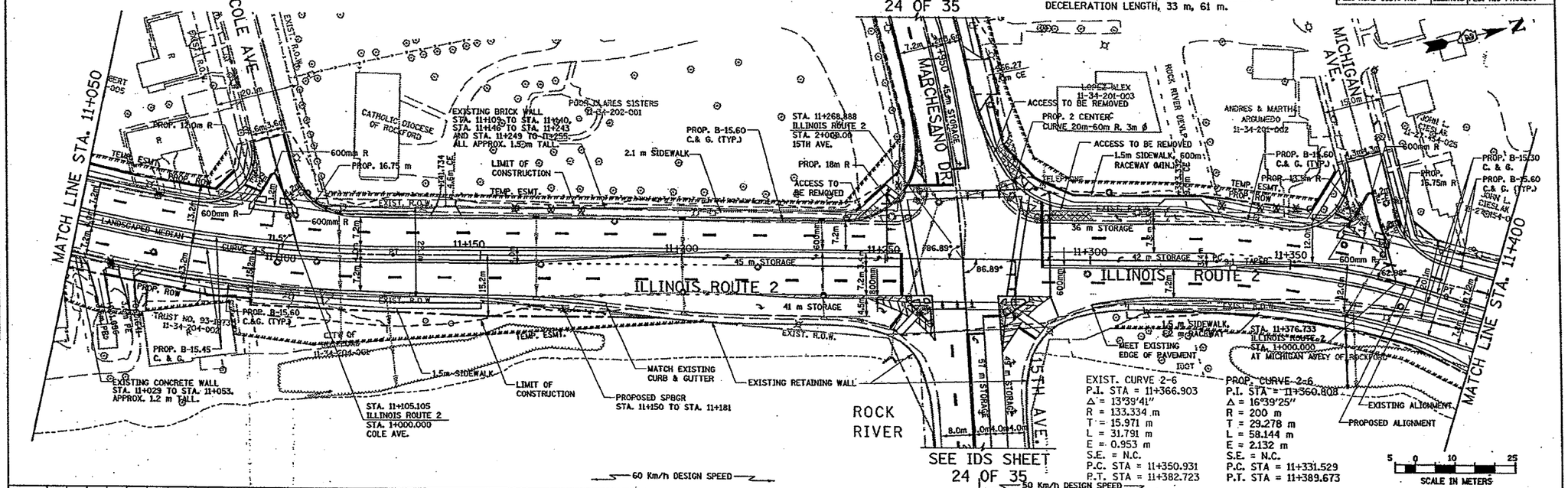
FIGURE 2A
SHEET 15 OF 31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	16
STA. 11+050		TO STA. 11+400		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES: REMOVE AND REPLACE OR INSTALL ENTRANCE CULVERTS WHERE NECESSARY.

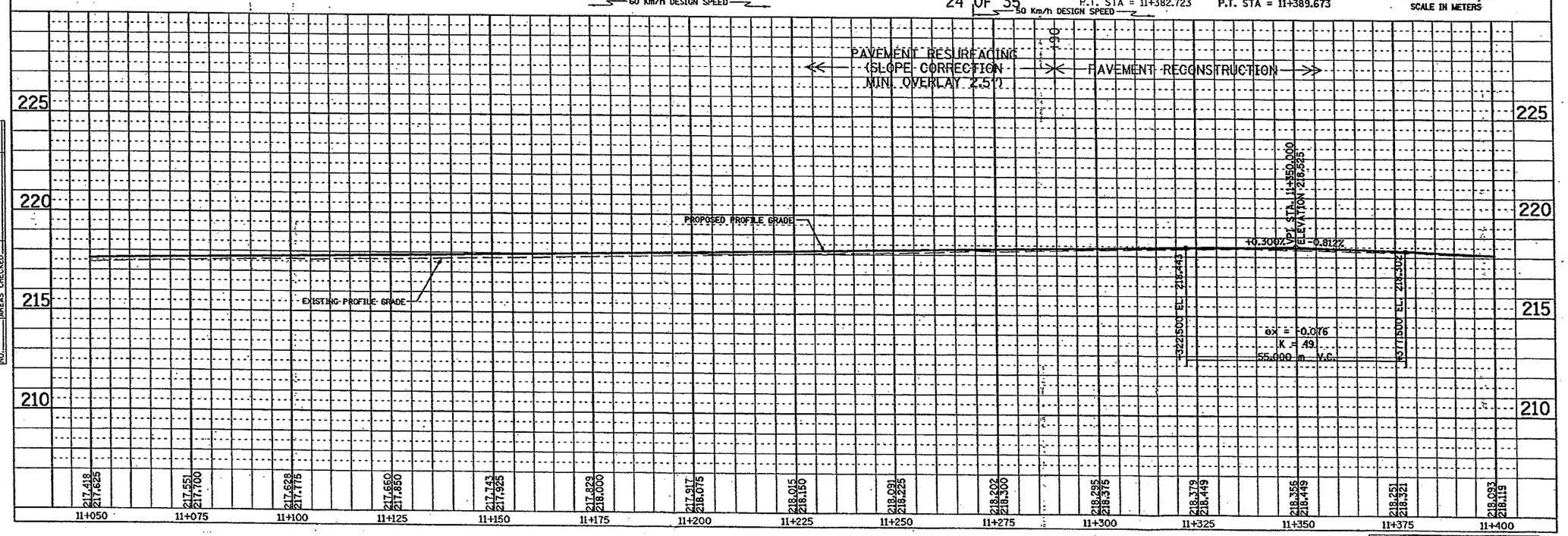
CULVERT SIZES TO BE DETERMINED DURING THE DESIGN STAGE.

DESIGN EXCEPTIONS:
1. SOUTHBOUND LEFT TURN LANE TAPER, DECELERATION AND STORAGE LENGTH 30.6 m, 75 m, 42 m.
2. SOUTHBOUND RIGHT TURN LANE TAPER AND DECELERATION LENGTH, 33 m, 61 m.



EXIST. CURVE 2-6
P.I. STA = 11+366.903
Δ = 13°39'41"
R = 133.334 m
T = 15.971 m
L = 31.791 m
E = 0.953 m
S.E. = N.C.
P.C. STA = 11+350.931
P.T. STA = 11+382.723

PROP. CURVE 2-6
P.I. STA = 11+360.808
Δ = 16°39'25"
R = 200 m
T = 29.278 m
L = 58.144 m
E = 2.132 m
S.E. = N.C.
P.C. STA = 11+331.529
P.T. STA = 11+389.673



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
NO. AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
NO. AREAS CHECKED		

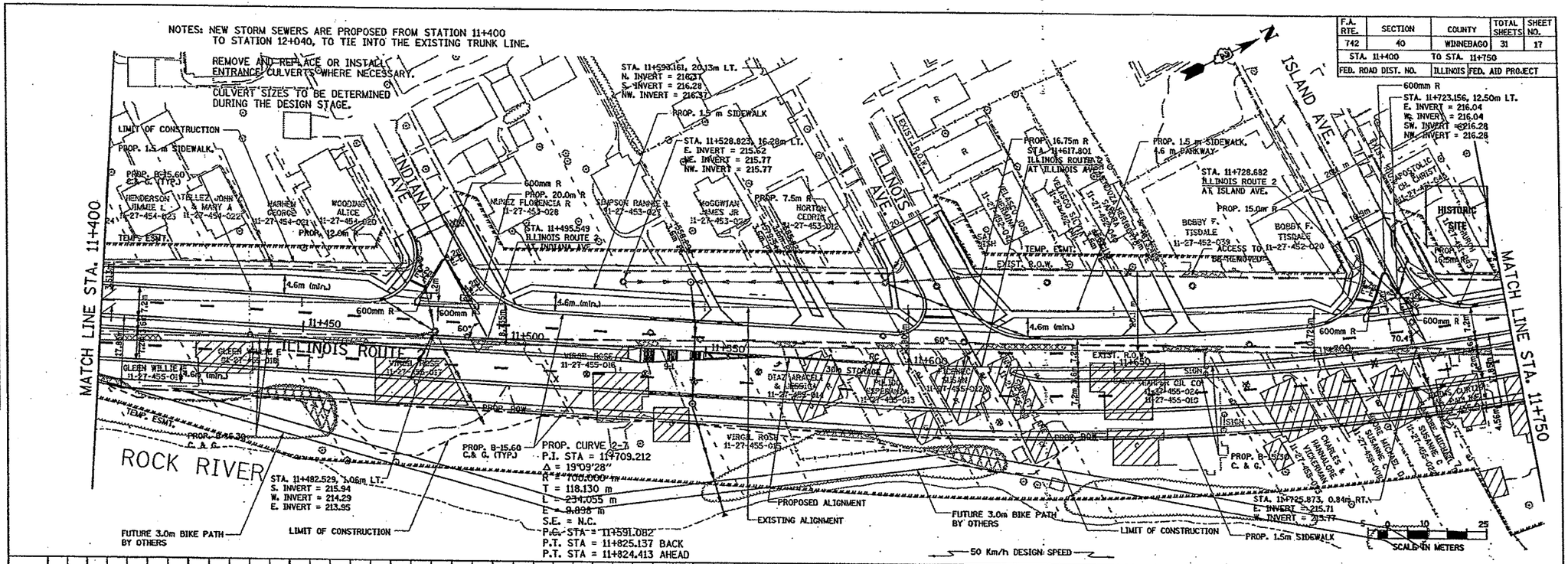
FIGURE 2A
SHEET 16 OF 31

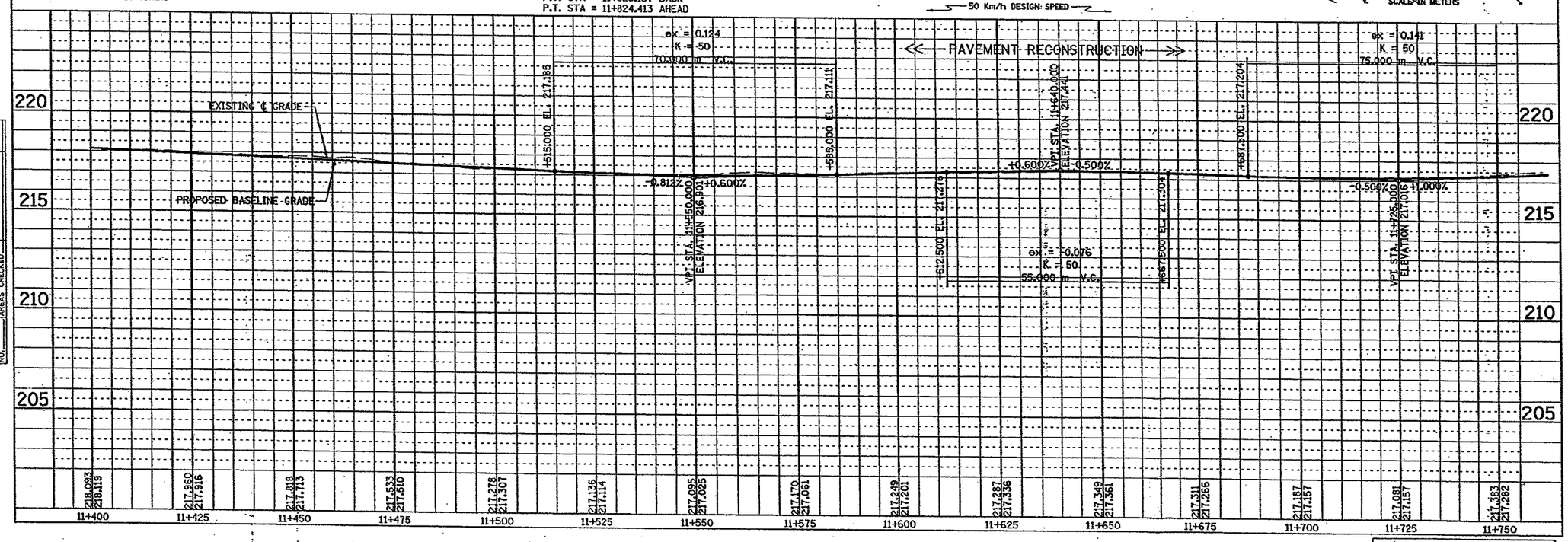
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	17
STA. 11+400		TO STA. 11+750		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES: NEW STORM SEWERS ARE PROPOSED FROM STATION 11+400 TO STATION 12+040, TO TIE INTO THE EXISTING TRUNK LINE.

REMOVE AND REPLACE OR INSTALL ENTRANCE CULVERTS WHERE NECESSARY.

CULVERT SIZES TO BE DETERMINED DURING THE DESIGN STAGE.





FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

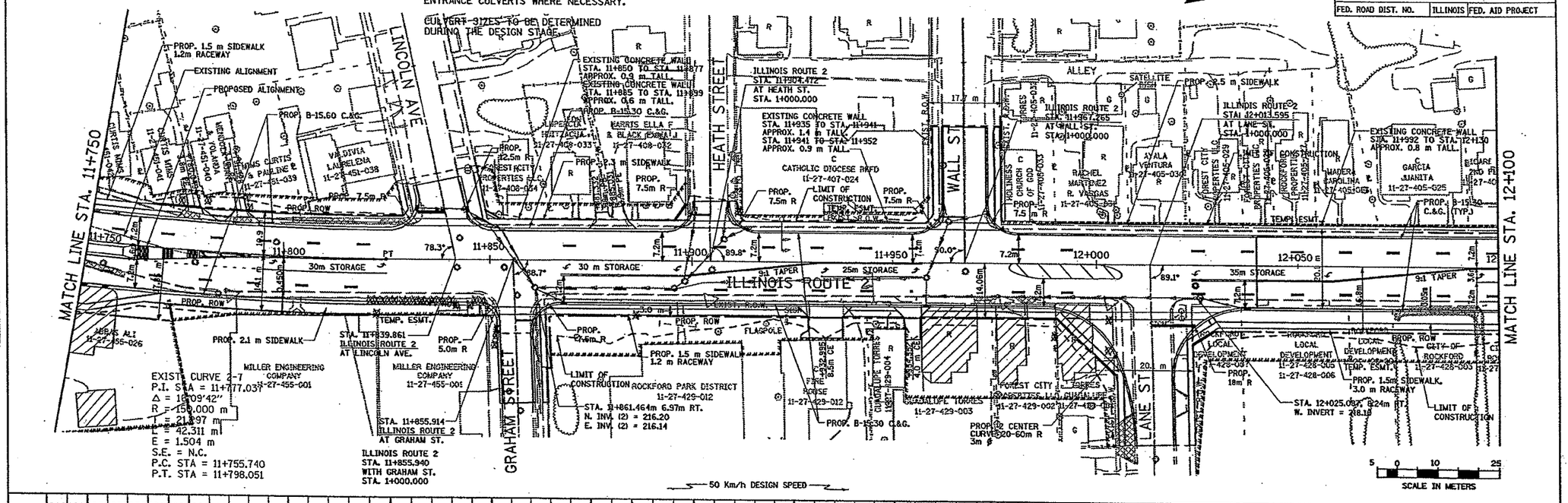
FIGURE 2A
SHEET 17 OF 31

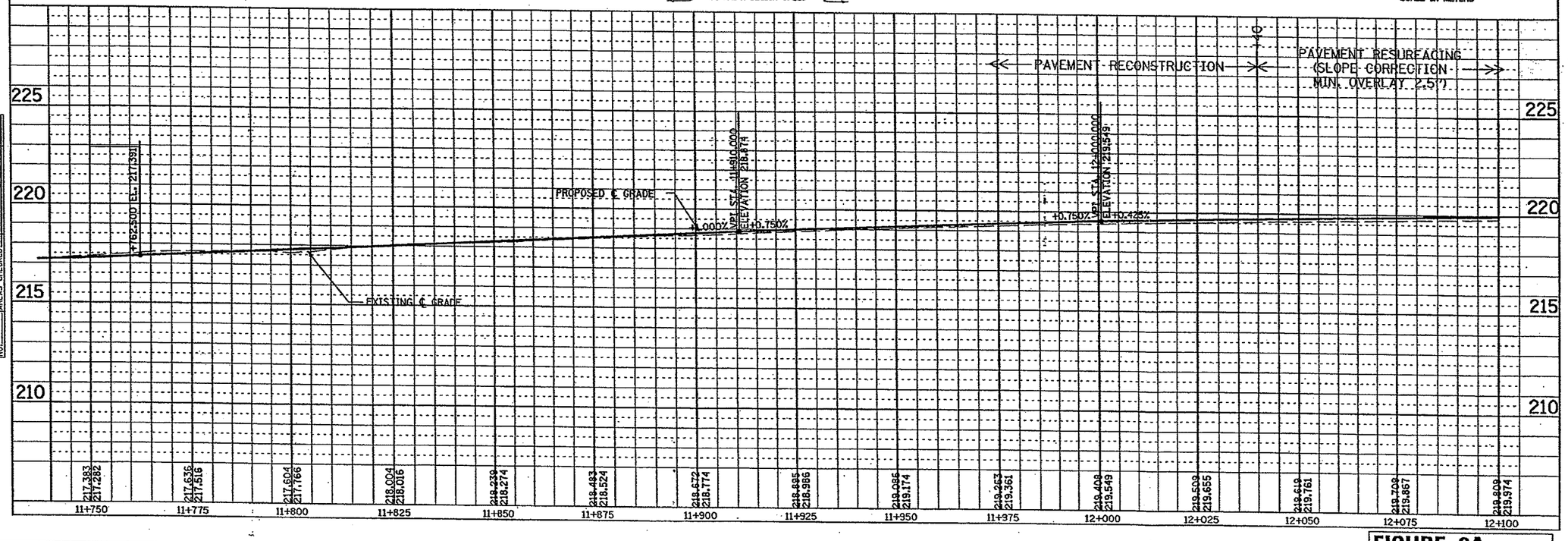
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	18
STA. 11+750		TO STA. 12+100		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES: NEW STORM SEWERS ARE PROPOSED FROM STATION 11+400 TO STATION 11+800, TO TIE INTO THE EXISTING TRUNK LINE.

REMOVE AND REPLACE OR INSTALL ENTRANCE CULVERTS WHERE NECESSARY.

CULVERT SIZES TO BE DETERMINED DURING THE DESIGN STAGE.





FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

FIGURE 2A
SHEET 18 OF 31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	19
STA. 12+100		TO STA. 12+450		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

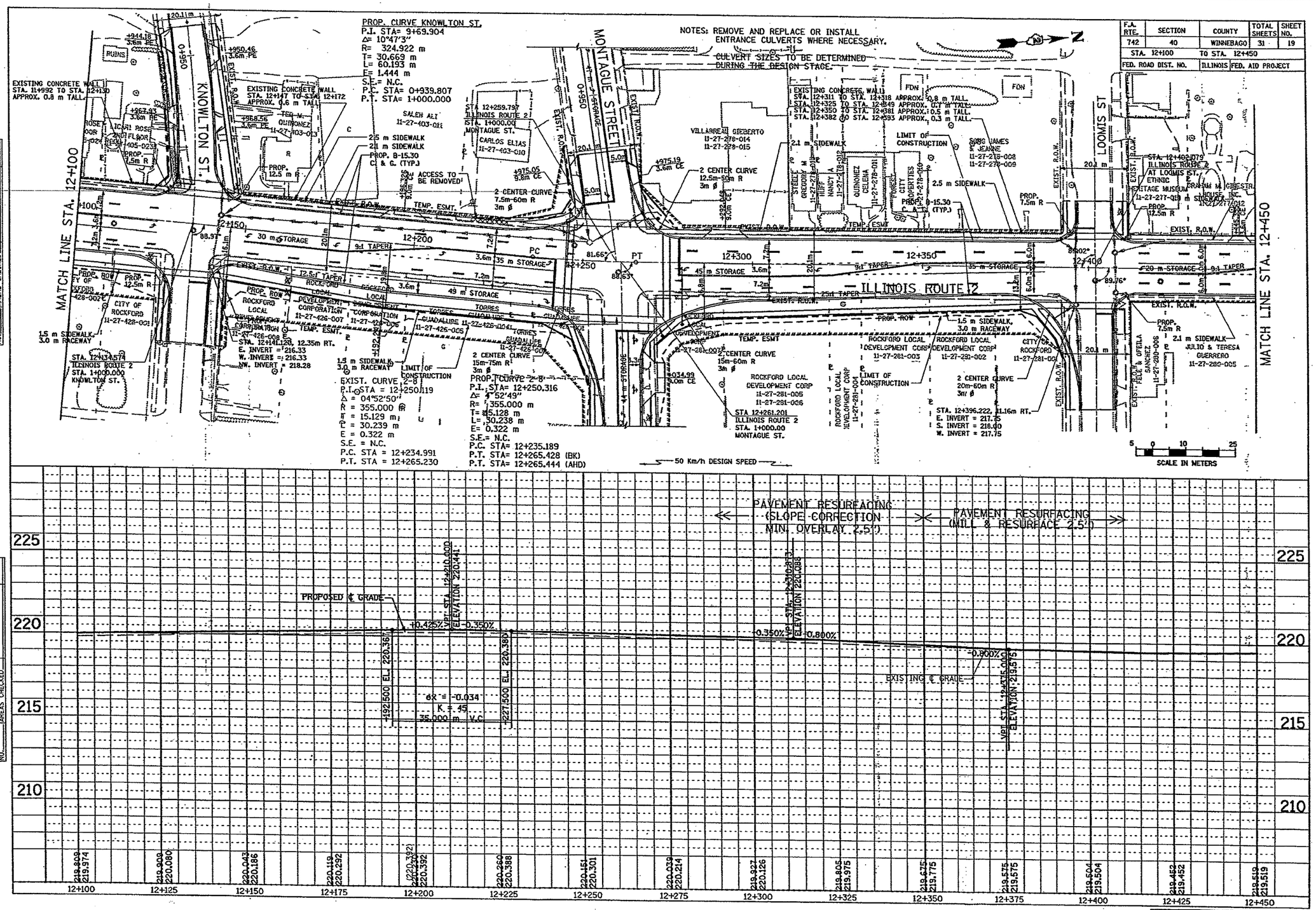
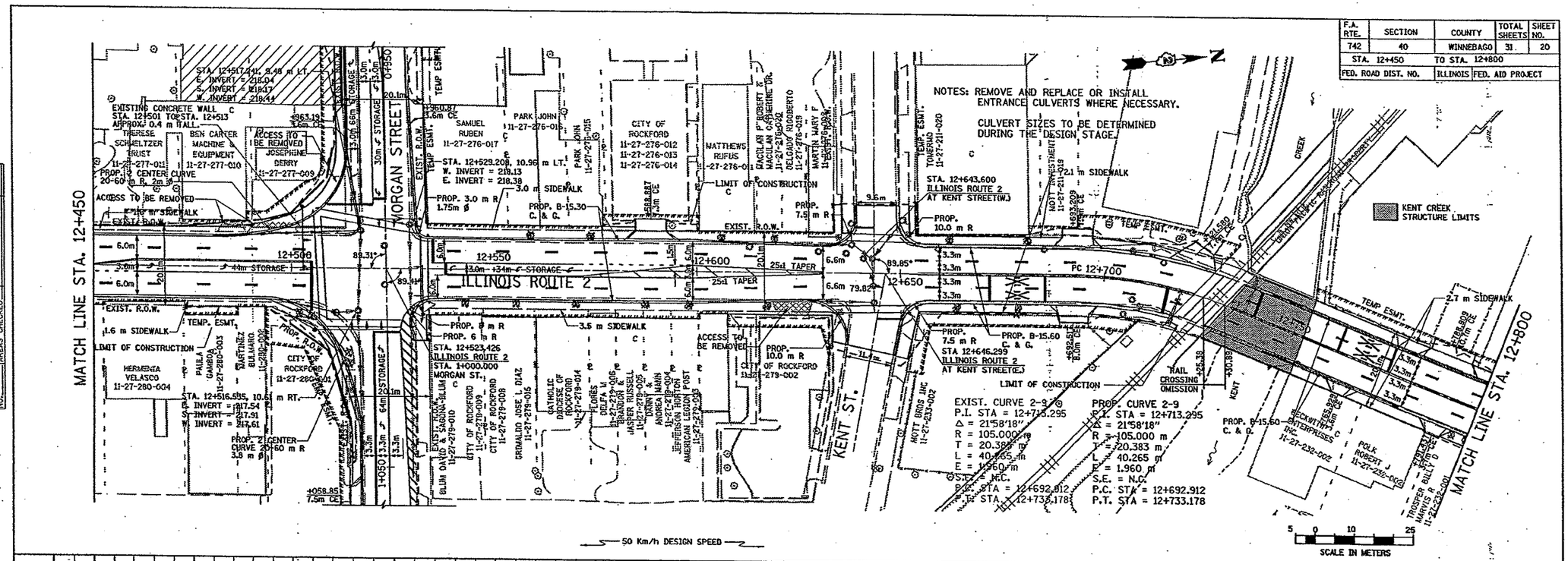


FIGURE 2A
SHEET 19 OF 31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	20
STA. 12+450		TO STA. 12+800		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



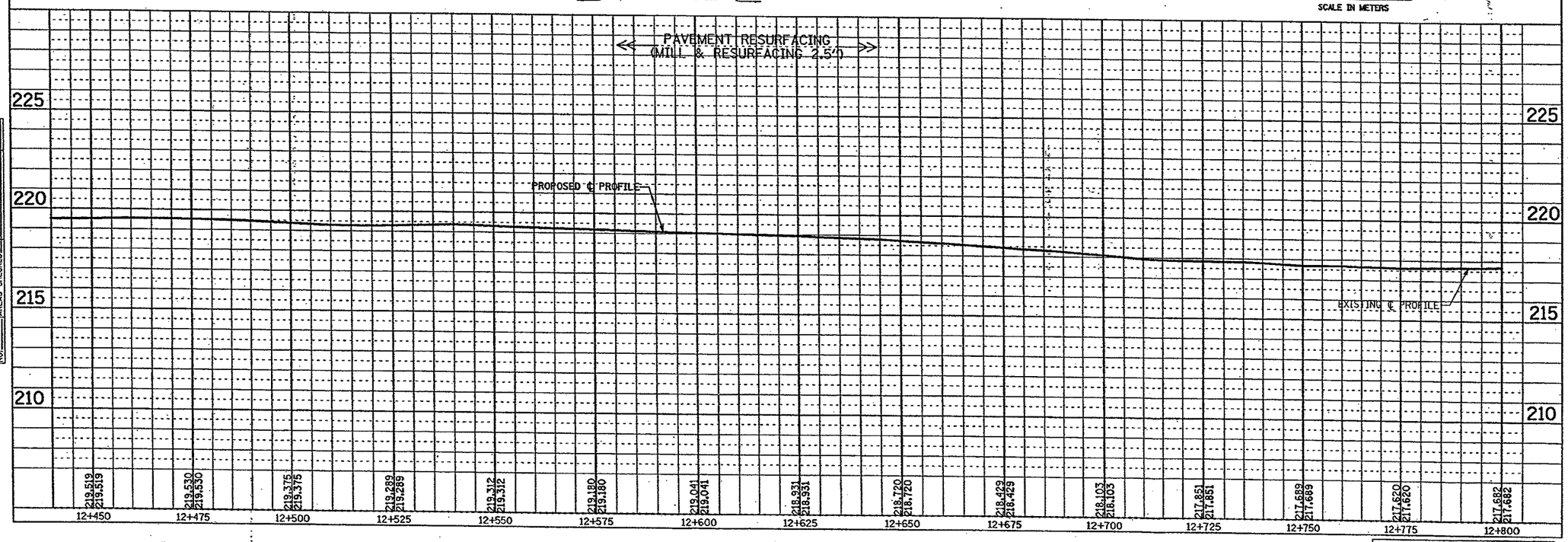
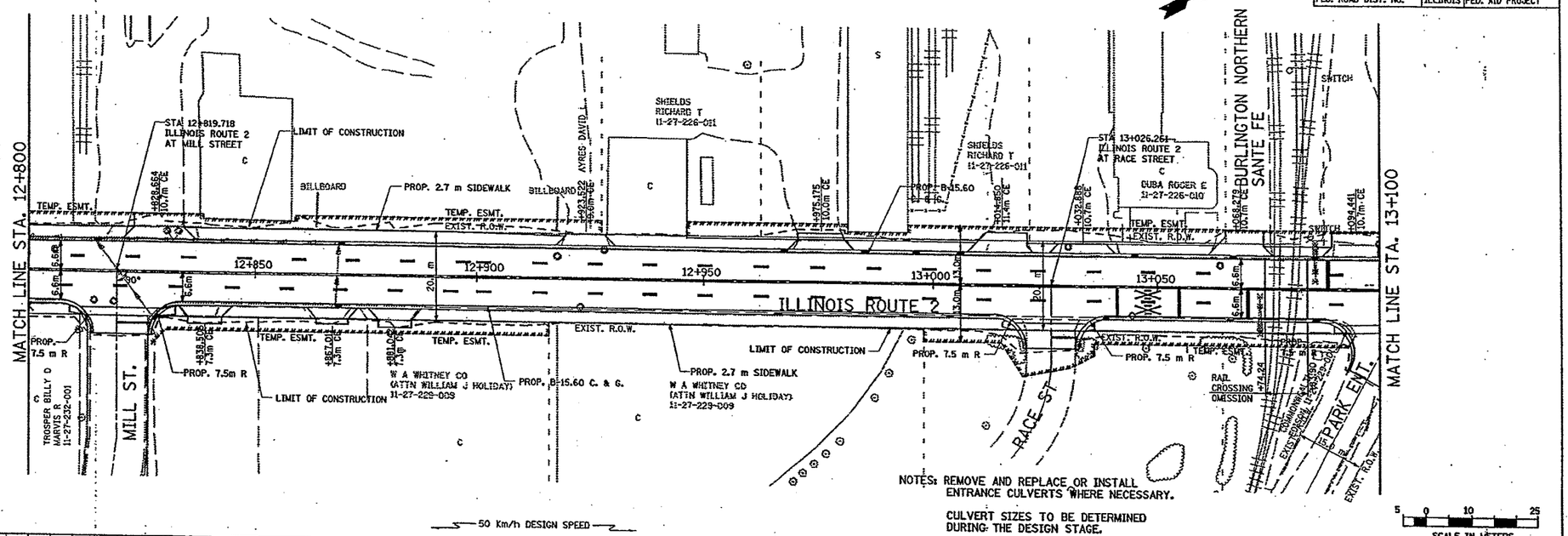
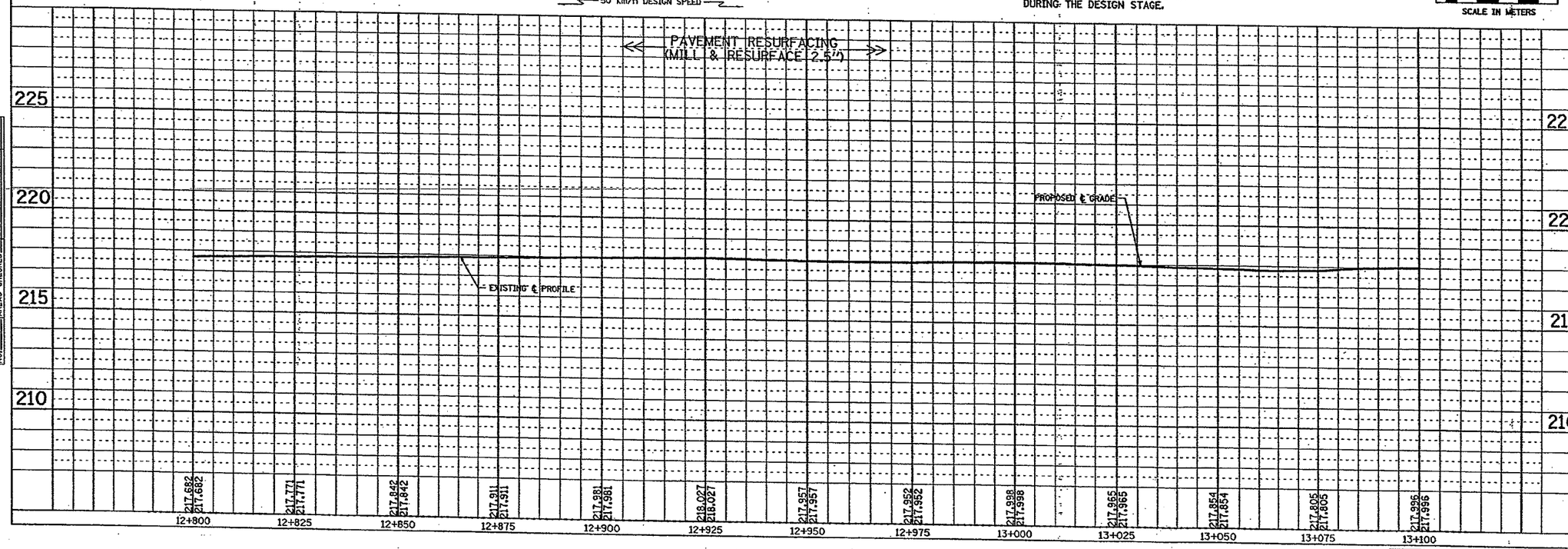


FIGURE 2A
SHEET 20 OF 31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	21
STA. 12+800		TO STA. 13+100		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

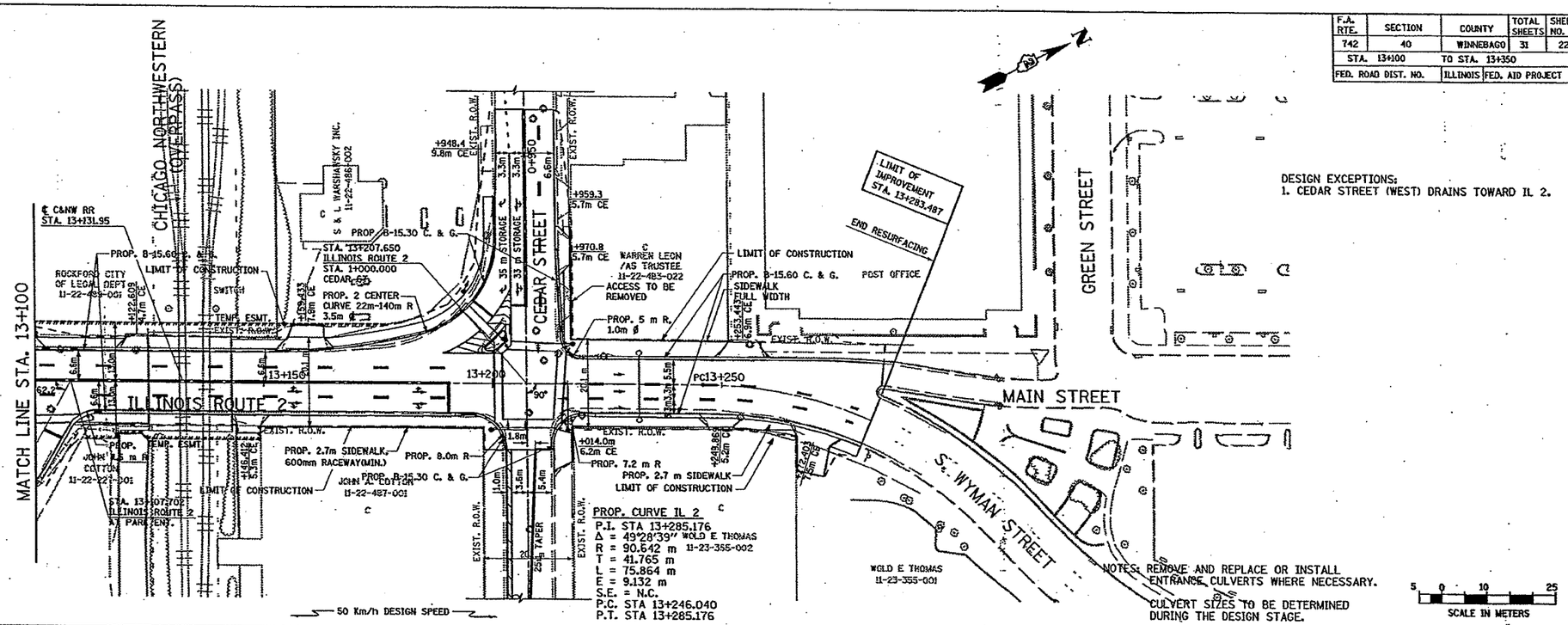


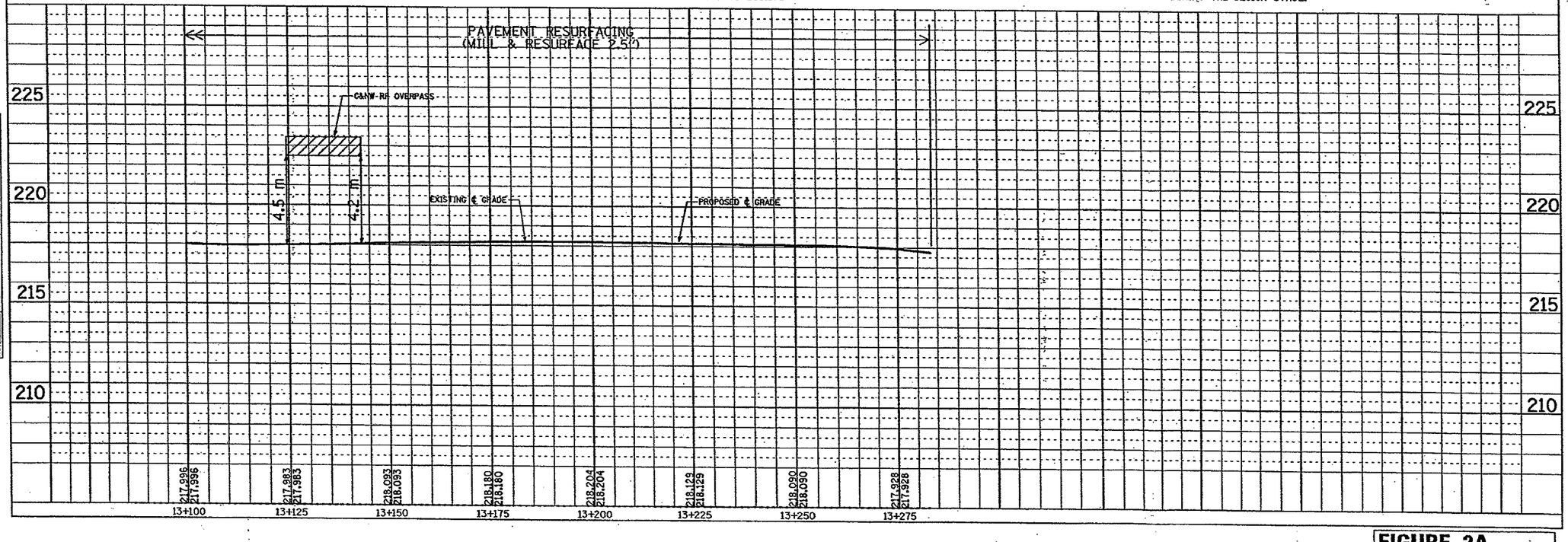


ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

FIGURE 2A
SHEET 21 OF 31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40	WINNEBAGO	31	22
STA. 13+100		TO STA. 13+350		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	





FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FIGURE 2A
SHEET 22 OF 31