Resource Impacts

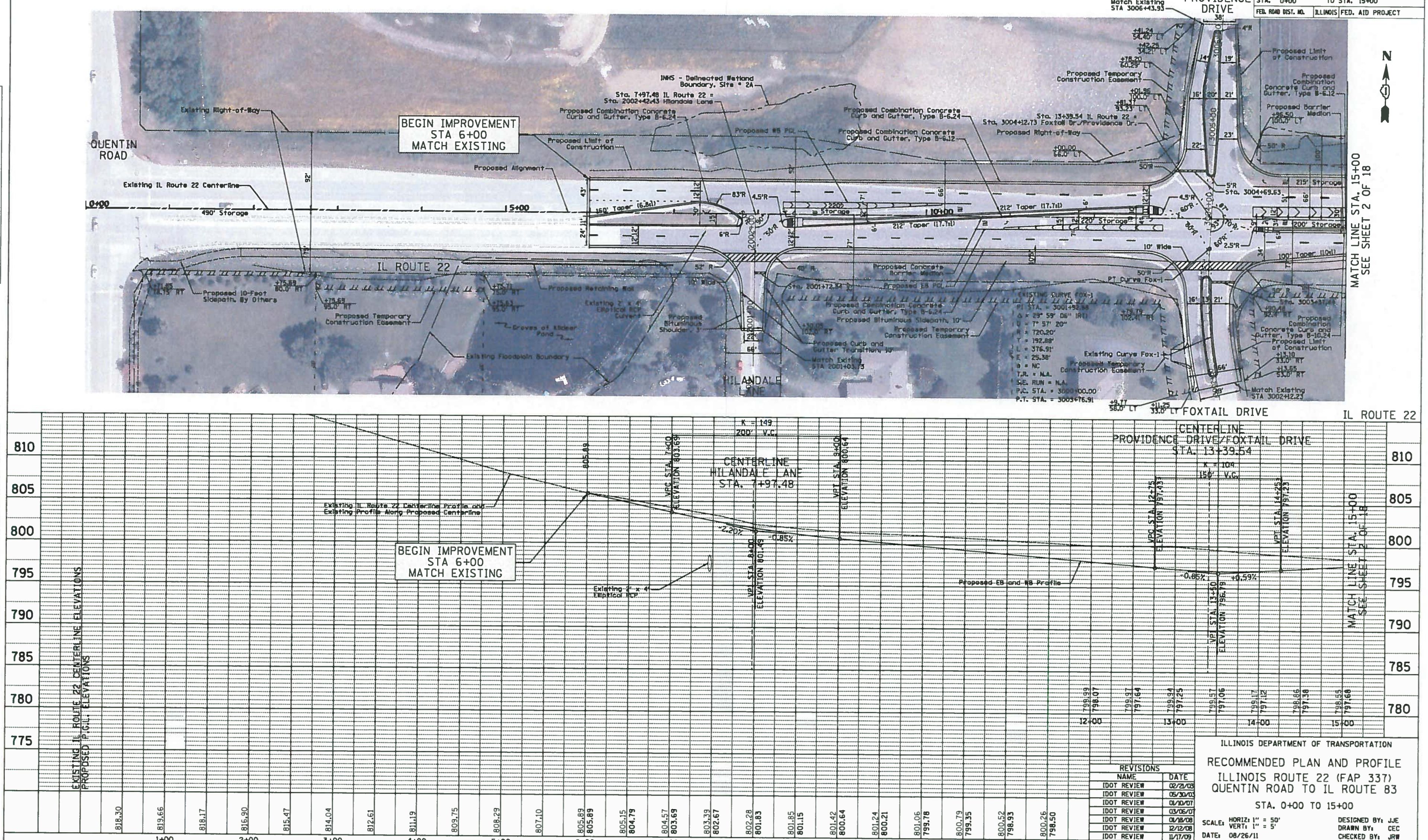
Fee simple right-of-way	19.6 Acres
Permanent easements	2.9 Acres*
Temporary easements	12.2 Acres*
Donated easements	22.7 Acres**
Residential displacements	6 Buildings
Wetlands impacted	22 sites @ 4.1 Acres
Flood plain encroachments	1500 Cubic Yards
Section 4(f) Properties	2

*Includes Section 4(f)

**Forest Preserve

ILLINOIS ROUTE 22
QUENTIN ROAD TO ILLINOIS ROUTE 83
PREFERRED ALTERNATIVE
KEEPER LAKES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	1
STA. 0+00	TO STA. 15+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

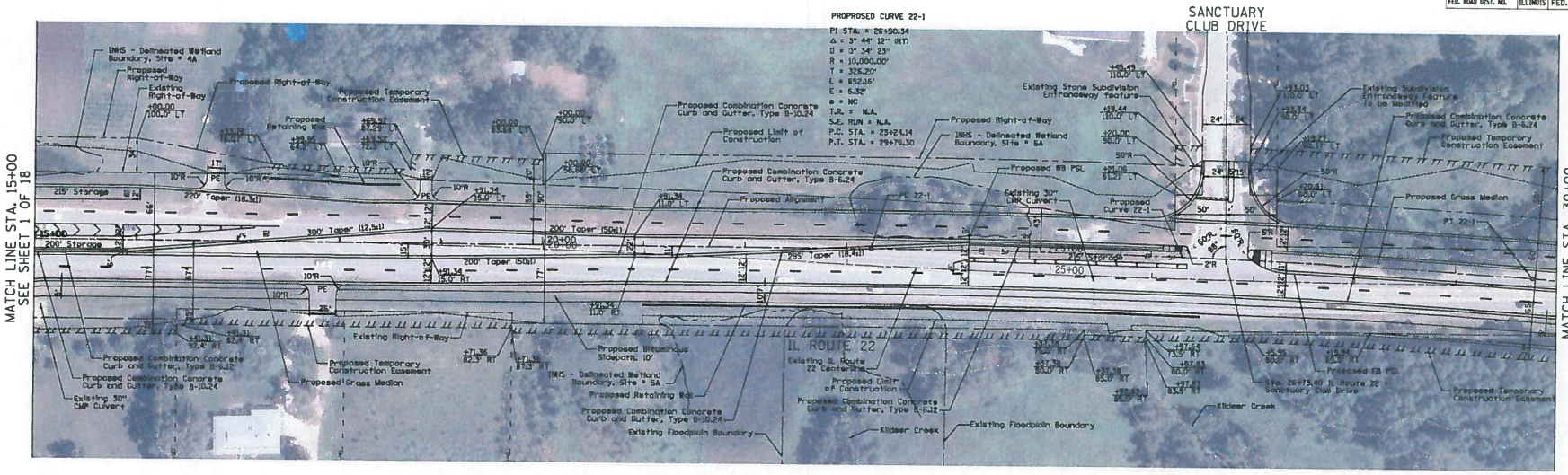
STA. 0+00 TO 15+00

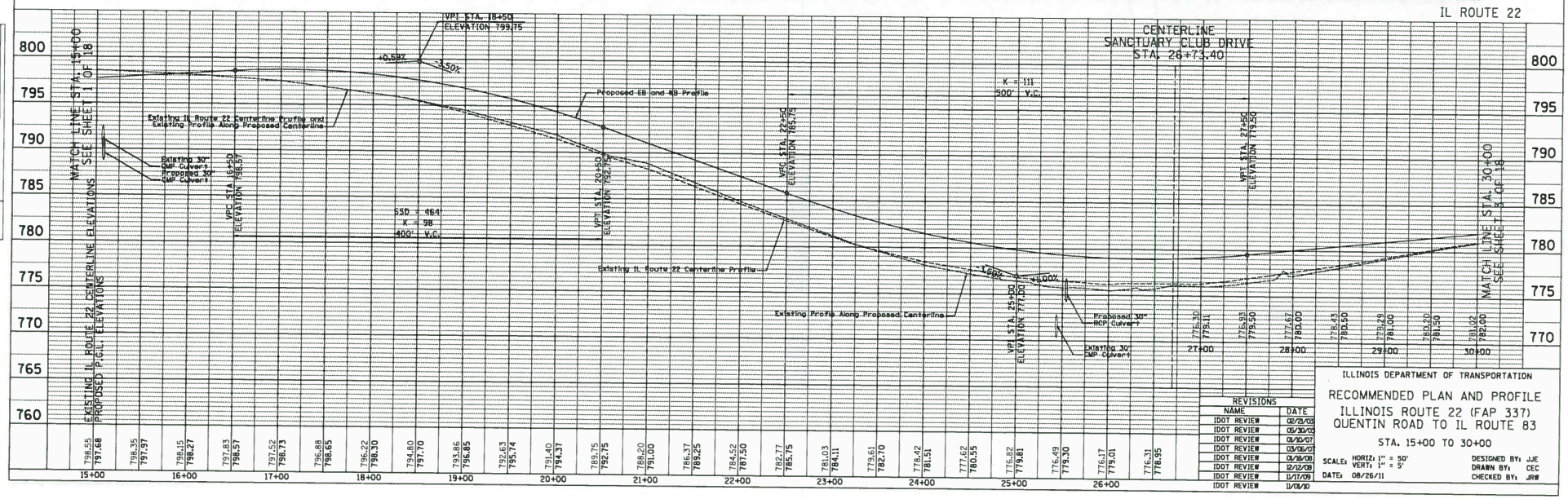
SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	2
STA. 15+00		TO STA. 30+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 15+00 TO 30+00

SCALES: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 08/26/11

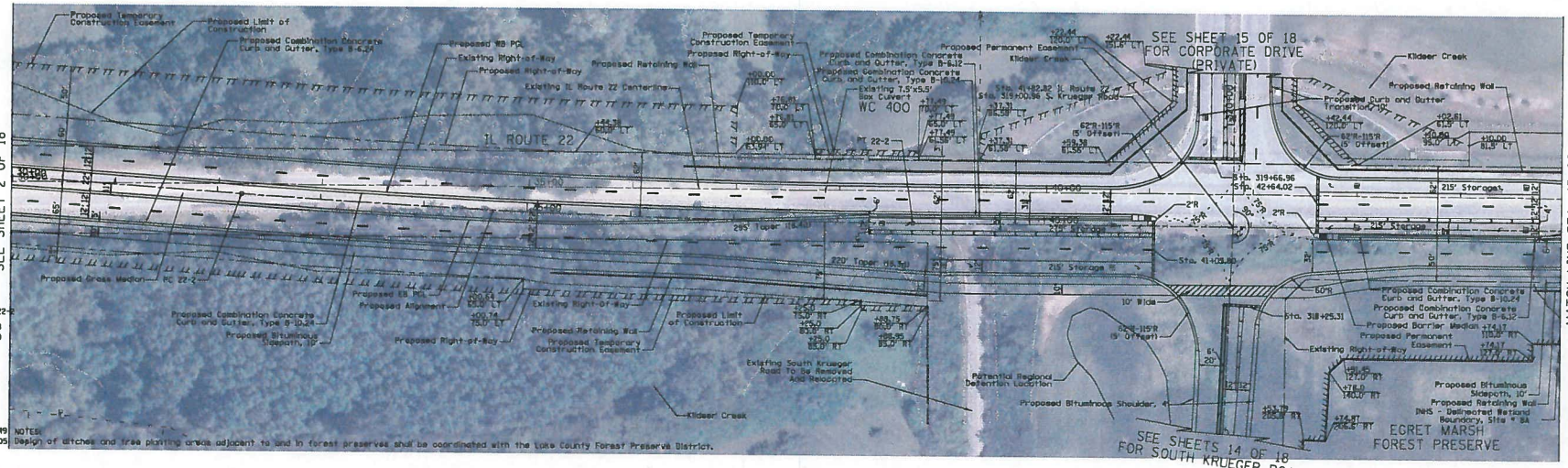
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-2

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	3
STA. 30+00	TO STA. 45+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN

SURVEYED		BY
PLOTTED		DATE
PLAN PREPARED		
PLAN REVIEWED		
NOTE BOOK NO.		
CADD FILE NAME		

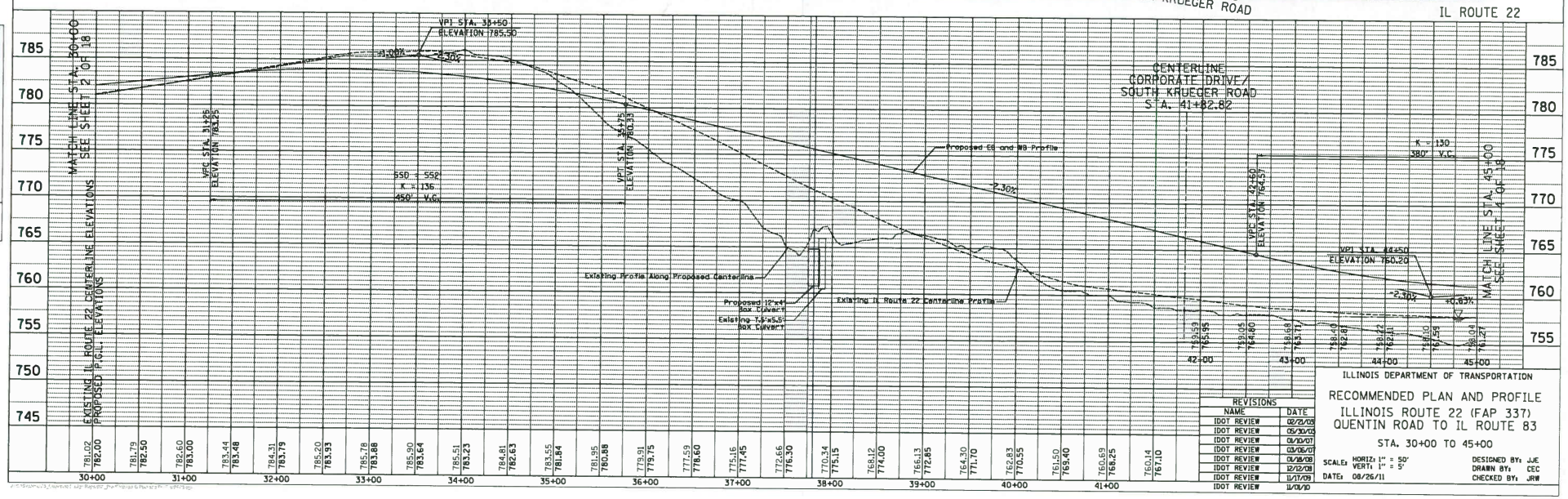


PROPOSED CURVE 22-2

PI STA. = 35+48.38
Δ = 3° 43' 18" (LT)
D = 0° 34' 23"
R = 10,000.00'
T = 324.89'
L = 649.56'
E = 5.28'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 32+23.49
P.T. STA. = 38+73.05

PROFILE

SURVEYED		BY
PLOTTED		DATE
GRADES CHECKED		
STRUCTURES CHECKED		
NOTE BOOK NO.		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/25/05
IDOT REVIEW	05/30/03
IDOT REVIEW	01/30/07
IDOT REVIEW	03/06/07
IDOT REVIEW	06/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

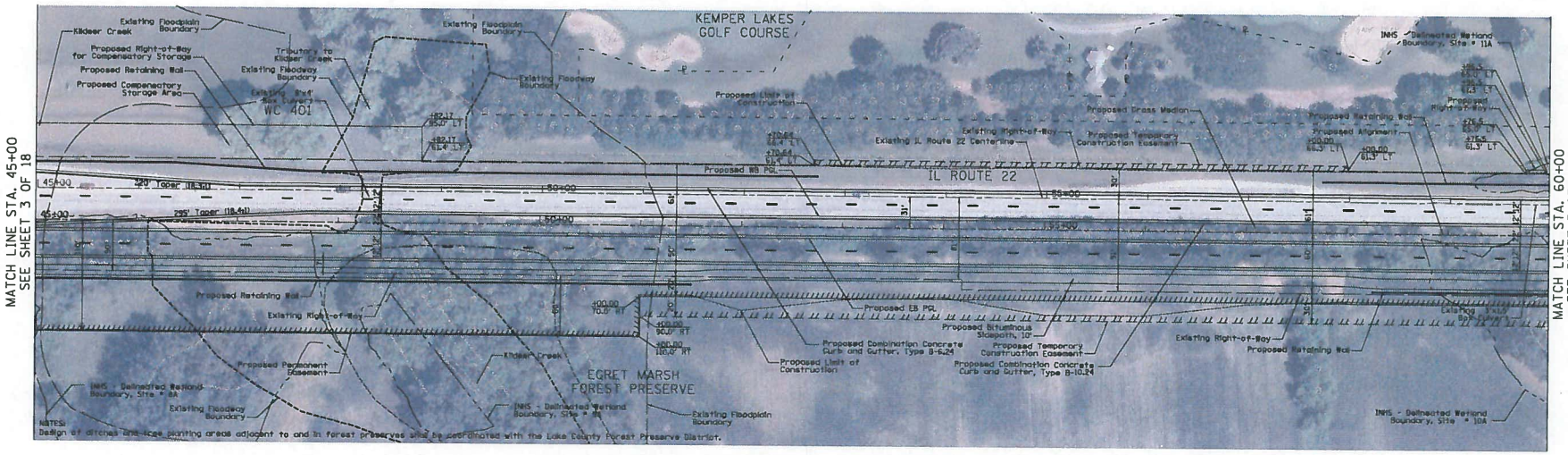
STA. 30+00 TO 45+00

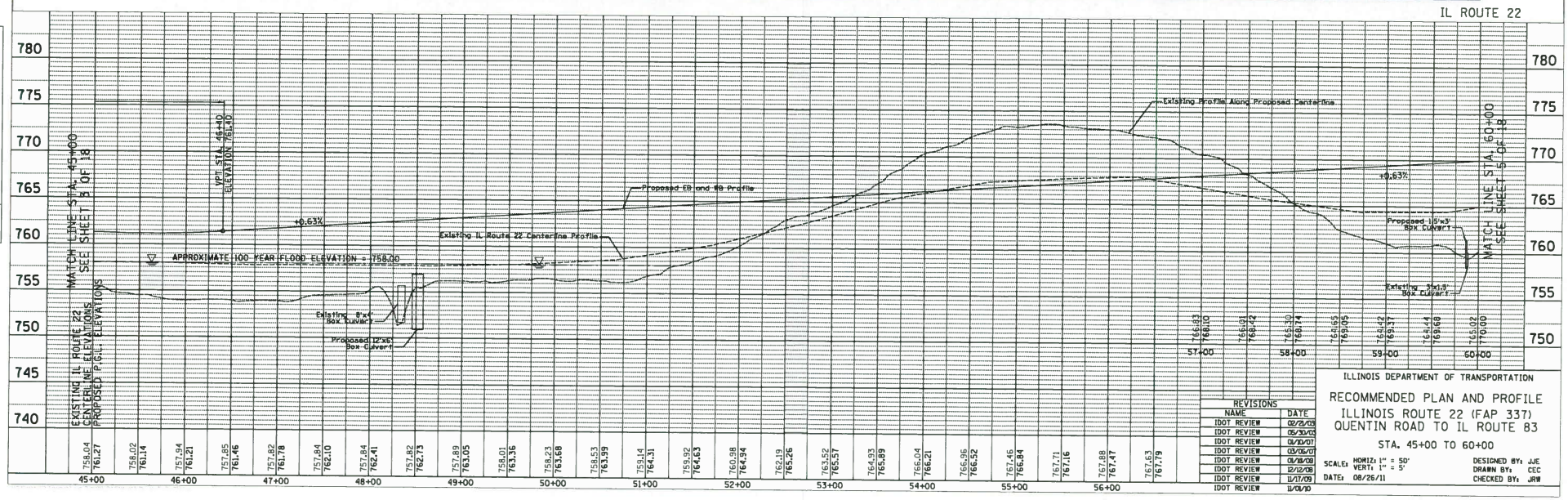
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-3

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	-	LAKE	18	4
STA. 45+00		TO STA. 60+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/22/07
IDOT REVIEW	03/05/07
IDOT REVIEW	08/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

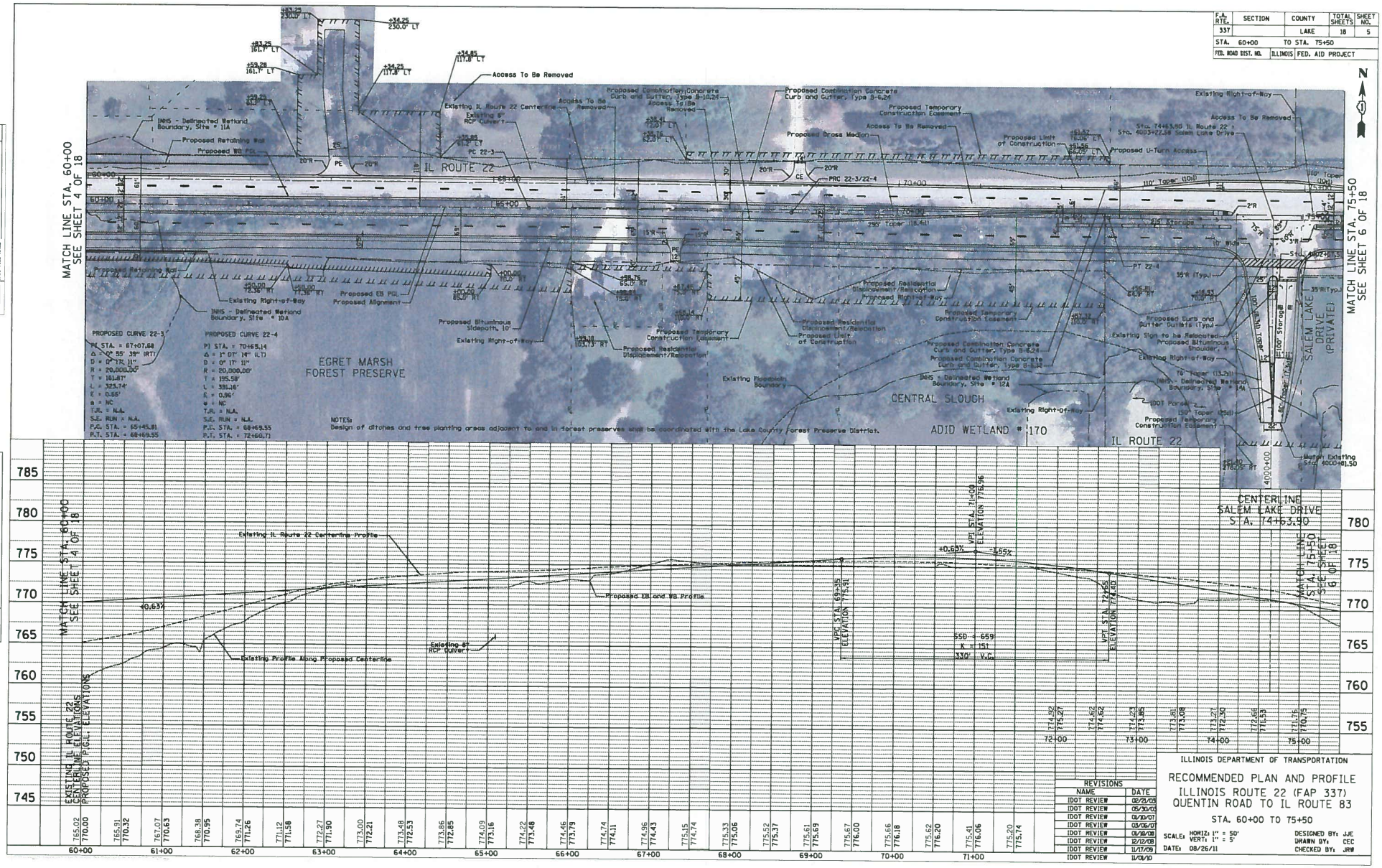
RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83
STA. 45+00 TO 60+00

SCALES: HORIZ: 1" = 50' VERT: 1" = 5'
DATES: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	5
STA. 60+00		TO STA. 75+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

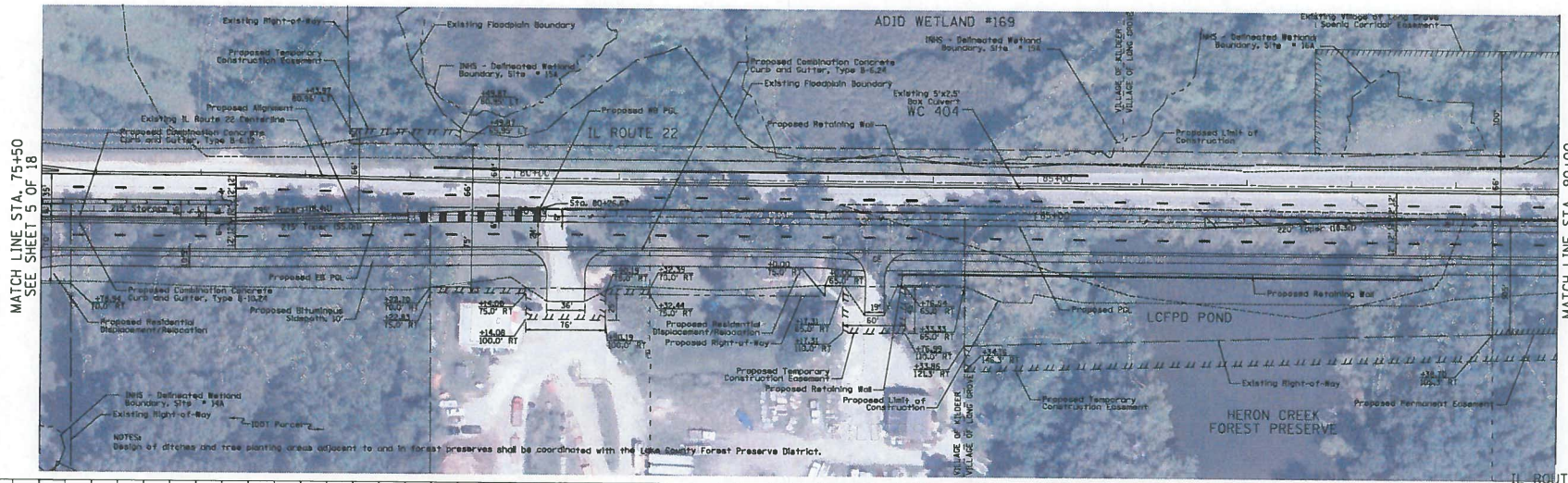
RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

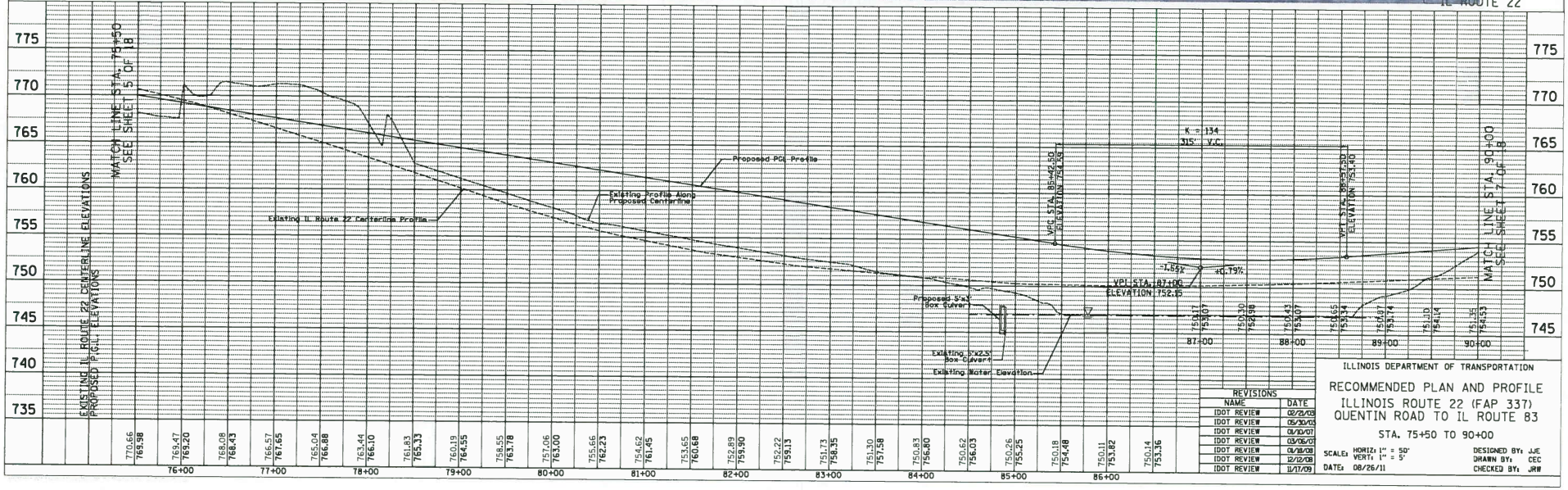
STA. 60+00 TO 75+50

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 08/26/11
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	6
STA. 75+50		TO STA. 90+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/25/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09

ILLINOIS DEPARTMENT OF TRANSPORTATION

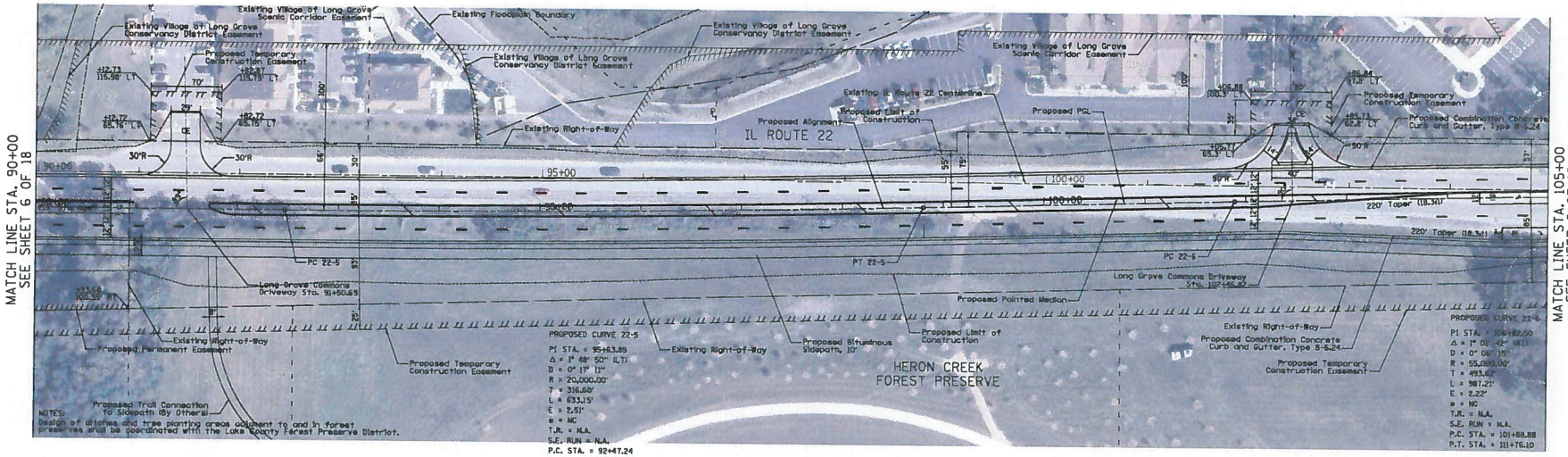
RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83
STA. 75+50 TO 90+00

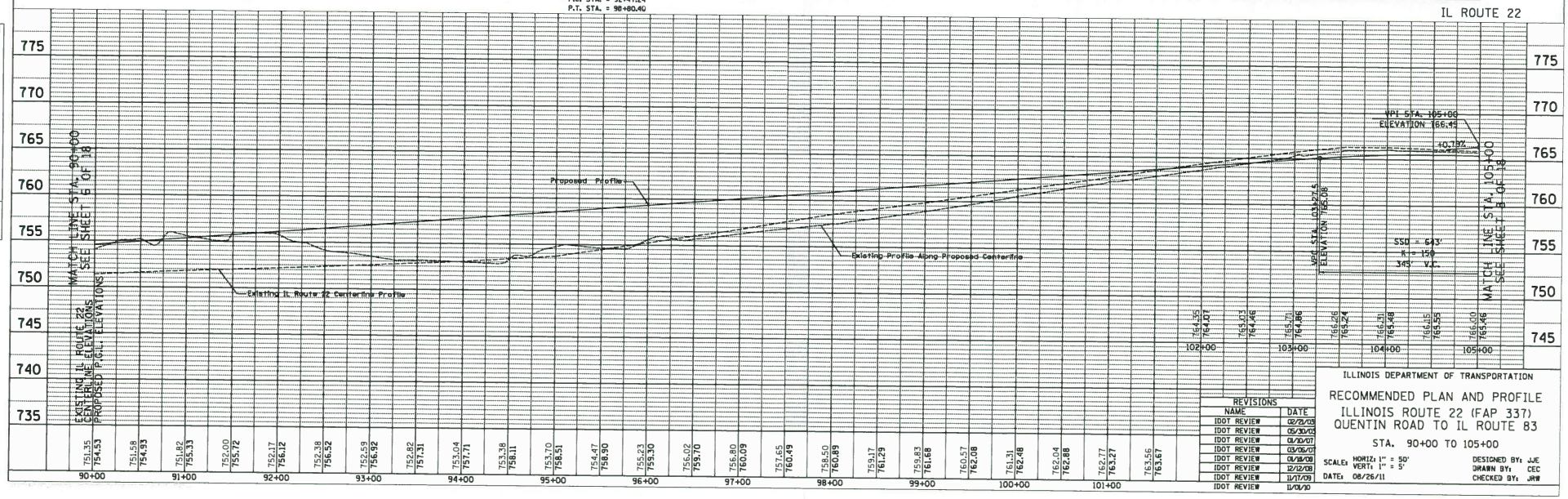
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-6

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	7
STA. 90+00		TO STA. 105+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

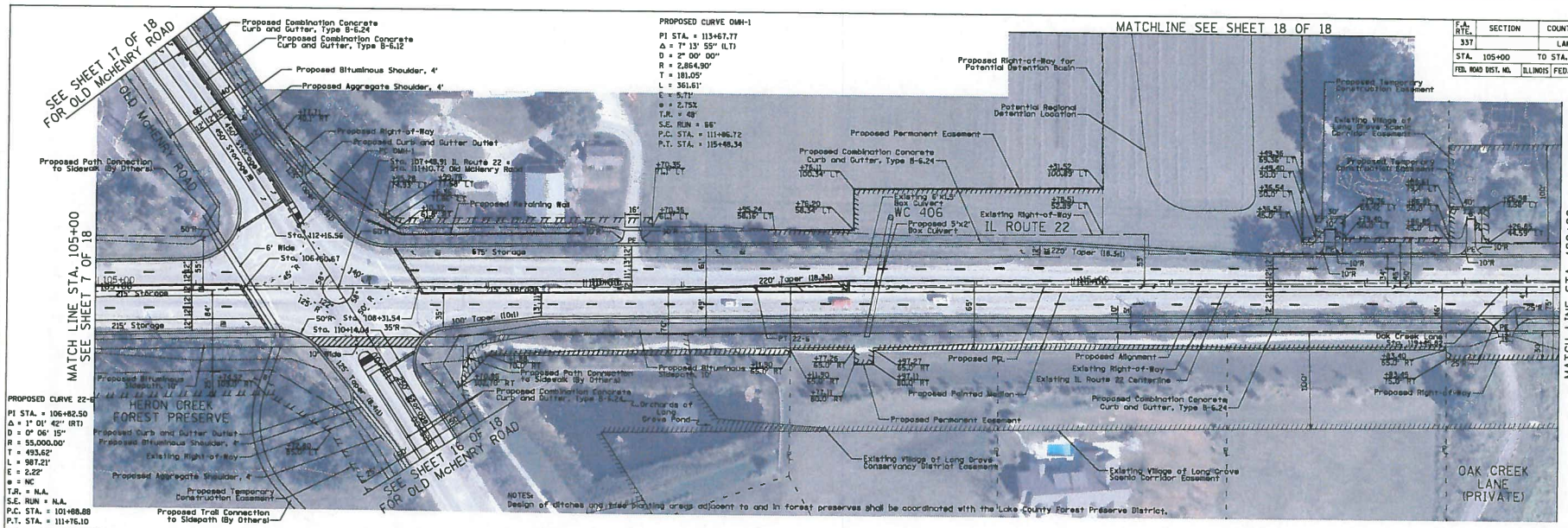
STA. 90+00 TO 105+00

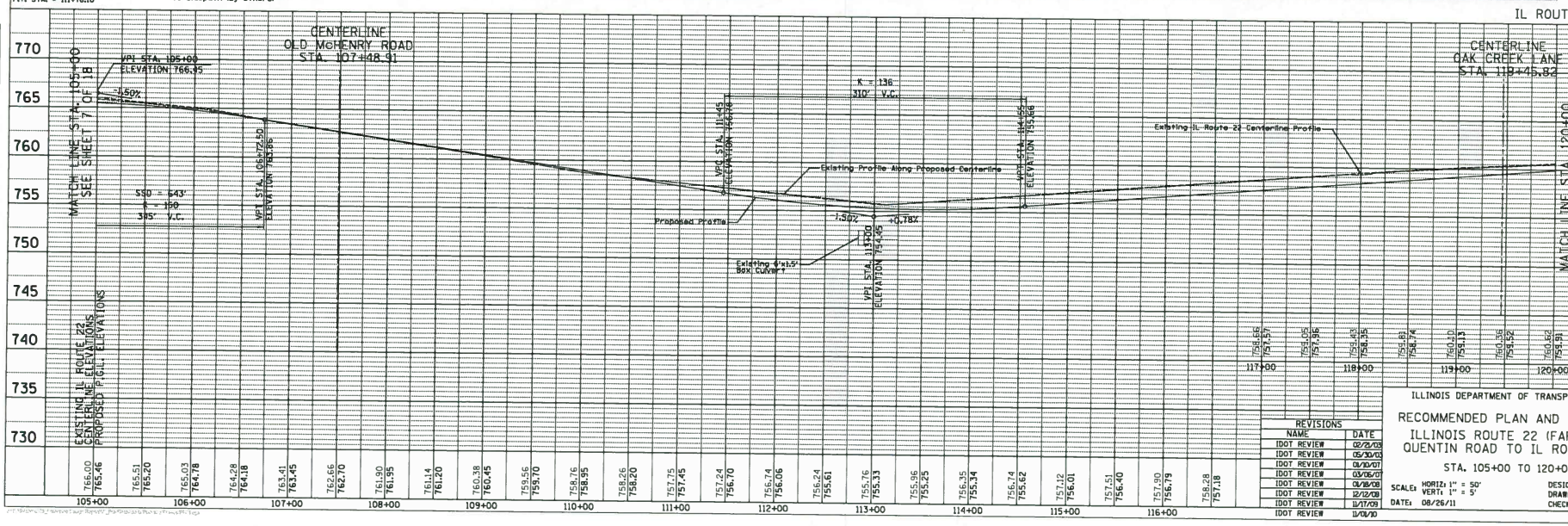
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-7

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	8
STA. 105+00		TO STA. 120+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 105+00 TO 120+00

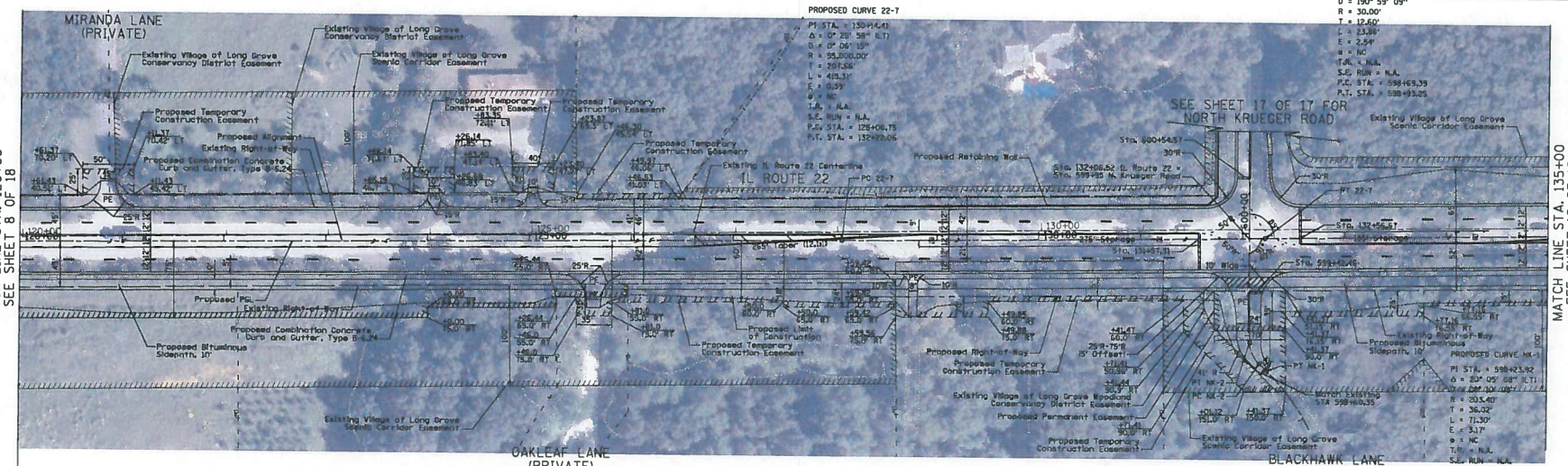
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

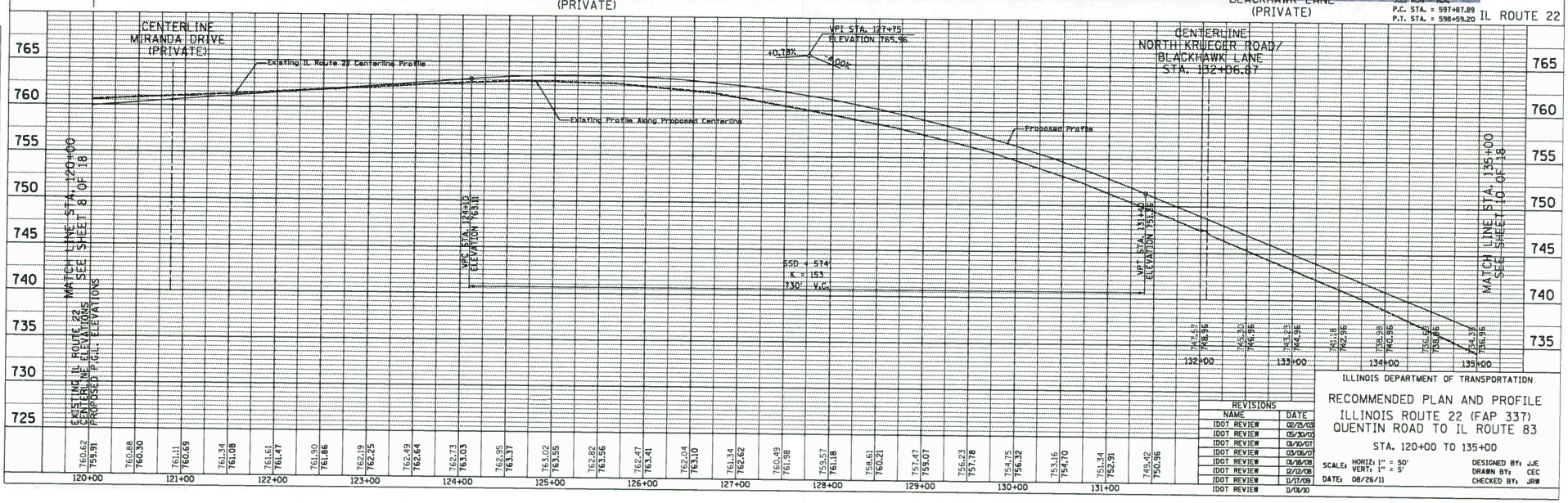
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-8

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	9
STA. 120+00		TO STA. 135+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CURVE NK-2
PI STA. = 598+82.00
Δ = 45° 34' 10" (RT)
D = 190° 59' 09"
R = 30.00'
T = 12.60'
L = 23.86'
E = 2.54'
a = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 598+69.39
P.T. STA. = 598+93.25





REVISIONS	
NAME	DATE
IDOT REVIEW	02/23/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/30/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/03/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83
STA. 120+00 TO 135+00

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

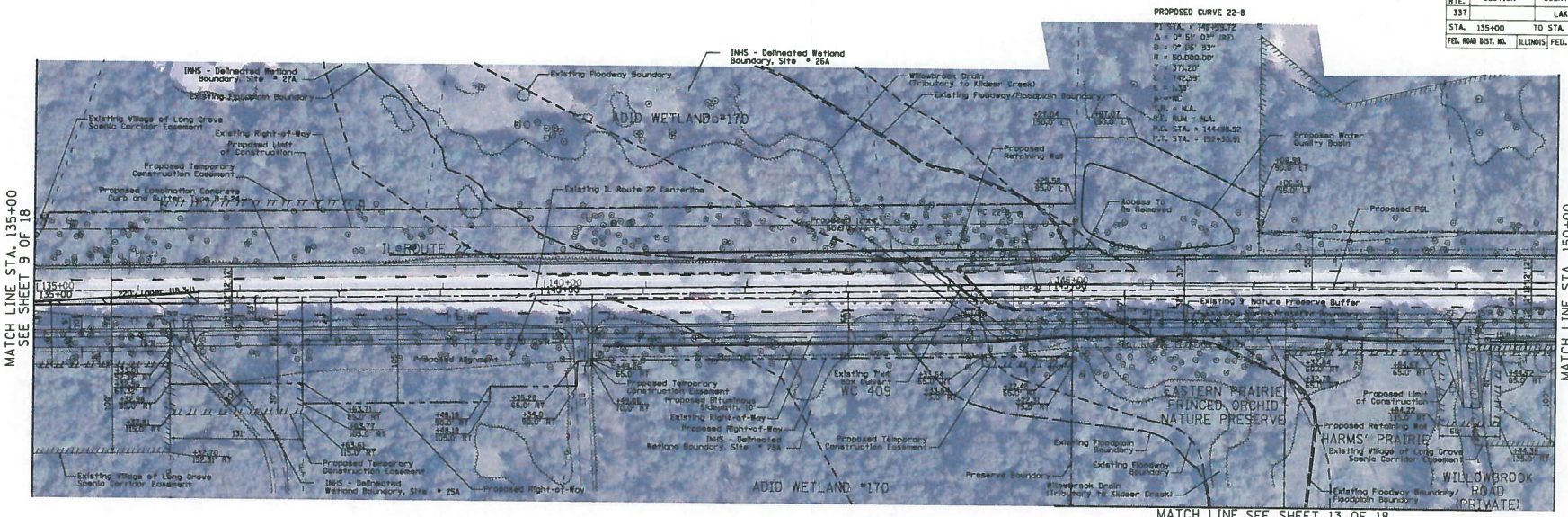
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

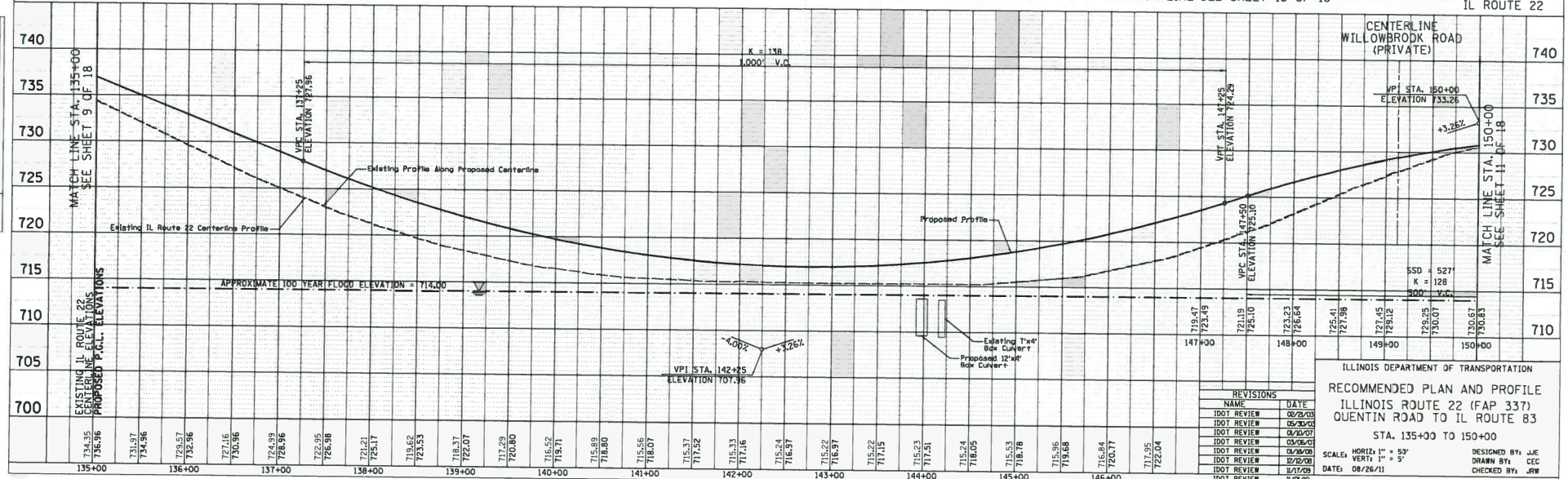
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
BY: OF R.O.W. CHECKED
WITH TIE LINE
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BY: STRUCTURE NOTATIONS CHECKED
NOTE BOOK NO.
BY
DATE

EXHIBIT G-9

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	10
STA. 135+00		TO STA. 150+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/29/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/03/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

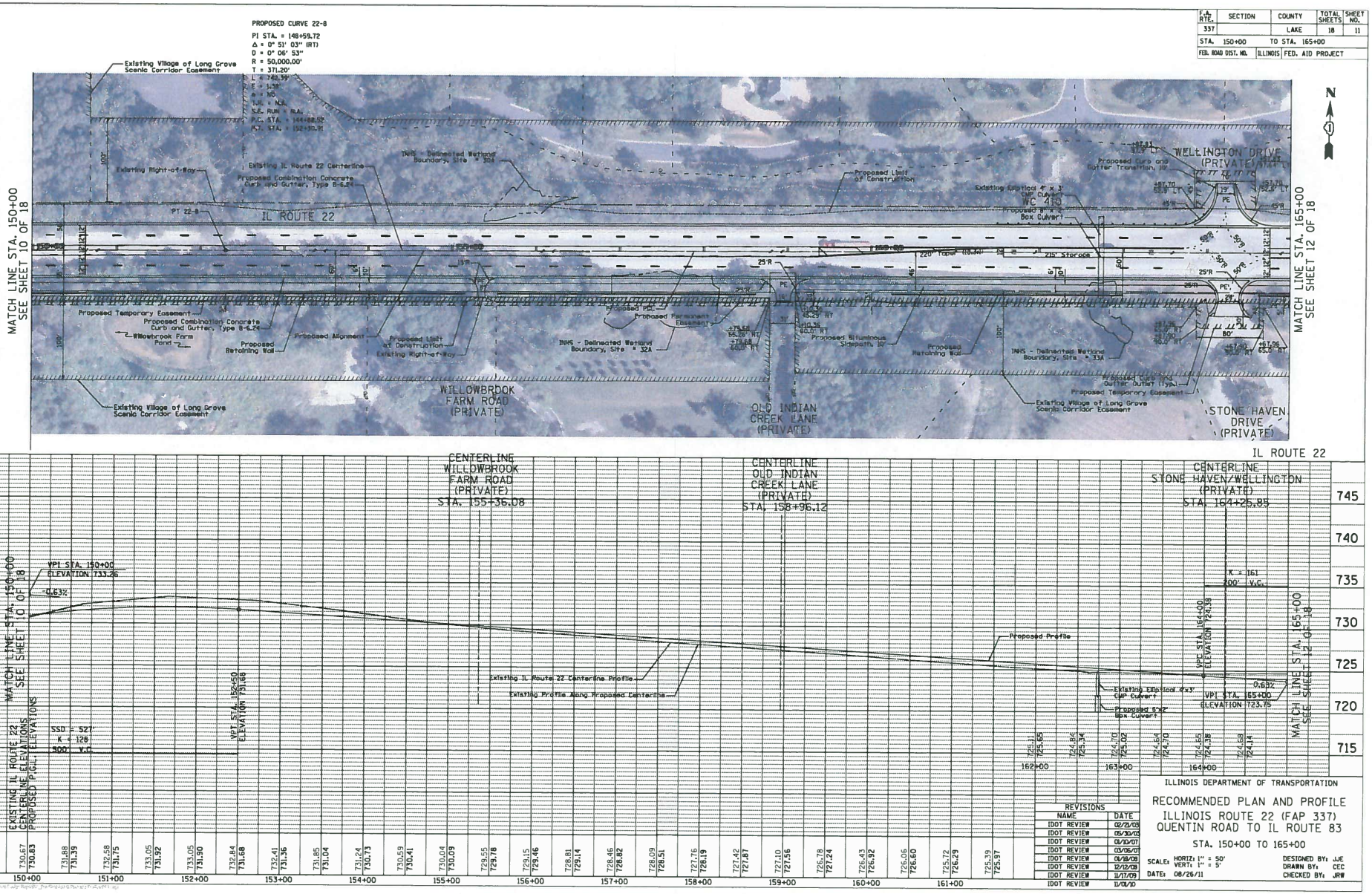
STA. 135+00 TO 150+00

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	11
STA. 150+00		TO STA. 165+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

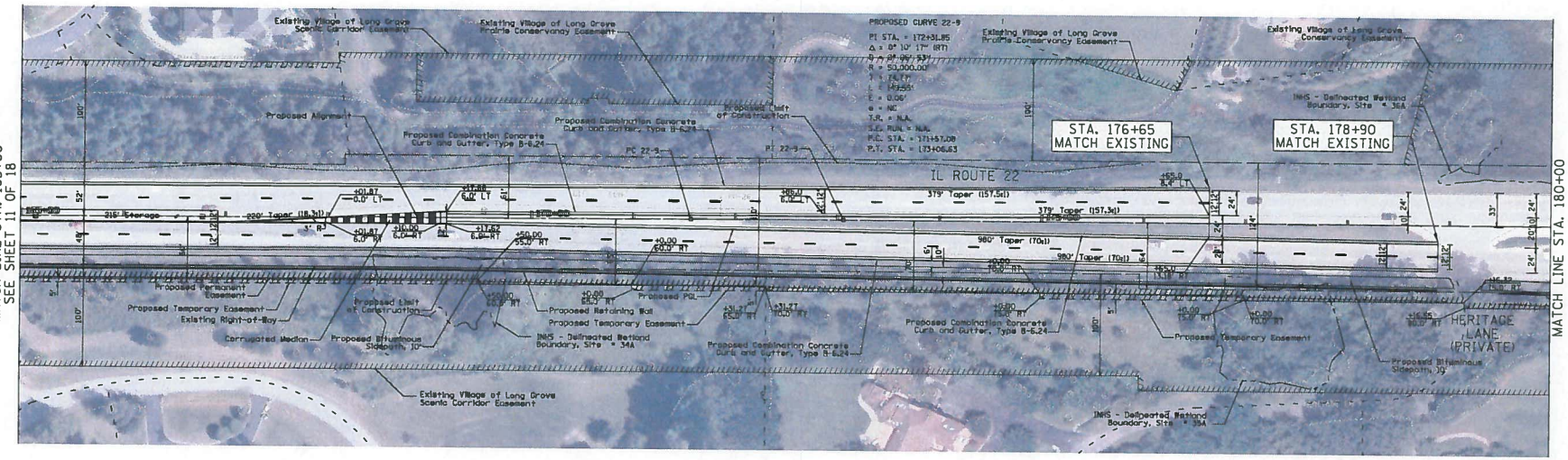
STA. 150+00 TO 165+00

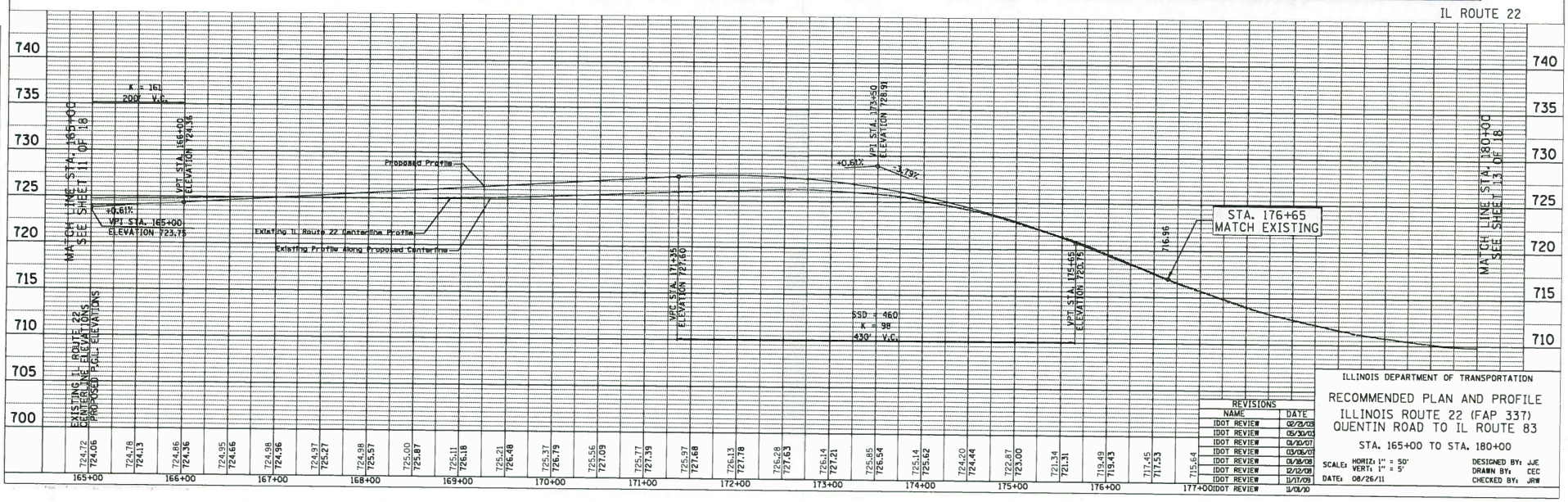
SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	12
STA. 165+00		TO STA. End		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

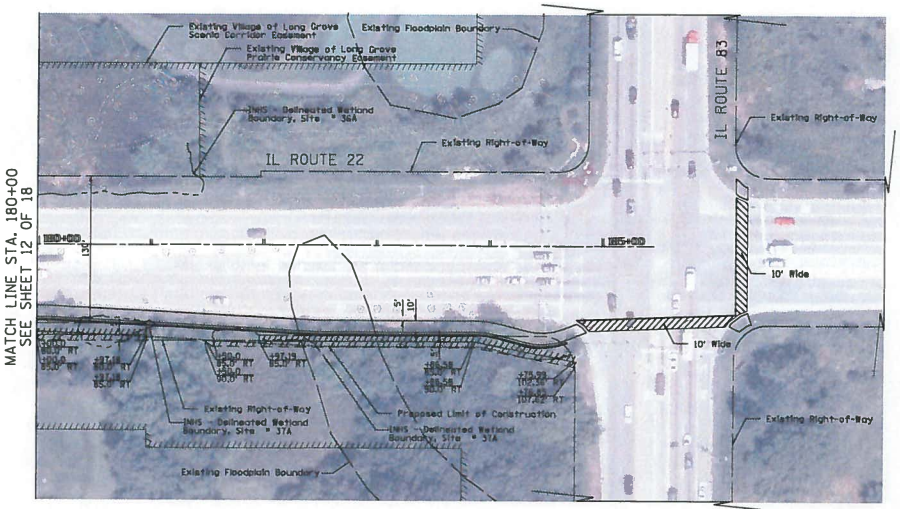
STA. 165+00 TO STA. 180+00

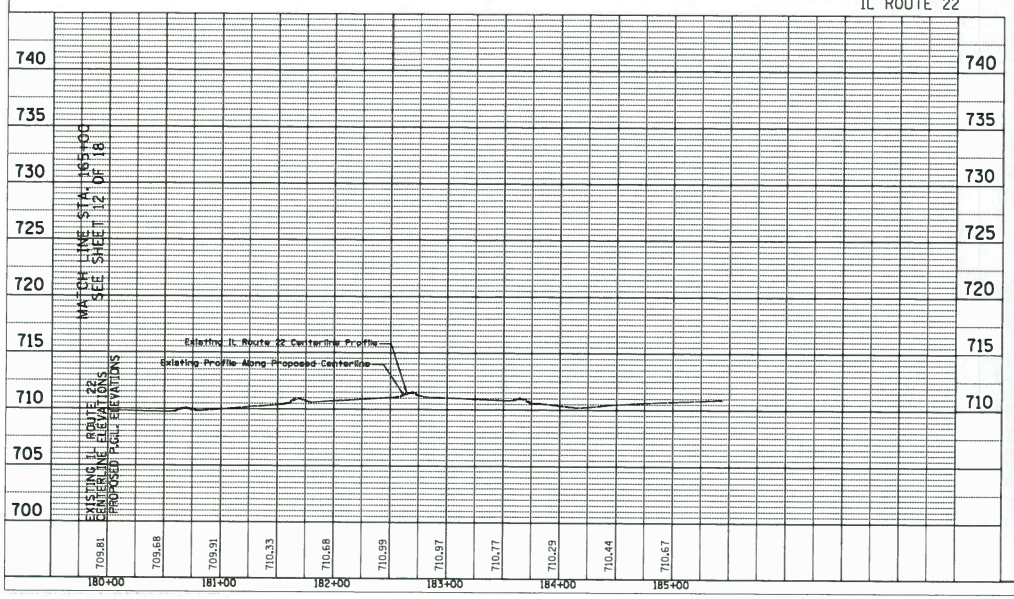
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

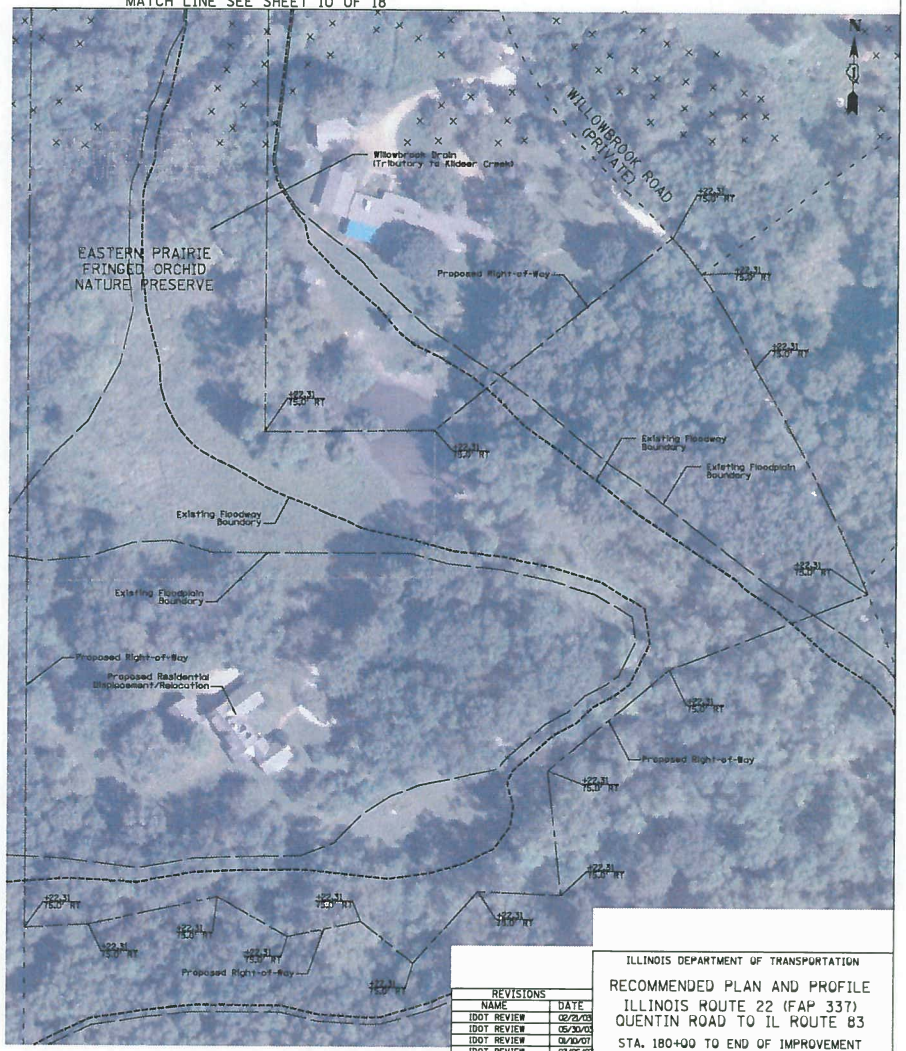
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	13
STA. 180+00		TO STA. End		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		







REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83
STA. 180+00 TO END OF IMPROVEMENT

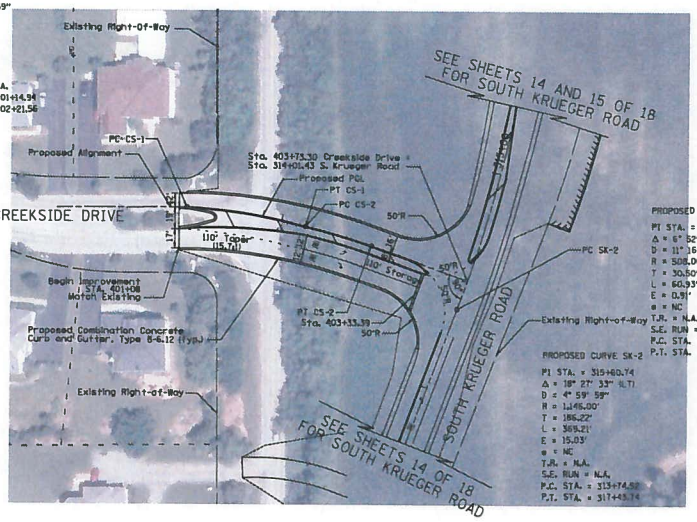
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-13

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	14
STA. VARIOUS		TO STA. VARIOUS		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CURVE CS-1
PI STA. = 401+68.49
Δ = 13° 17' 28" (RT)
D = 12° 27' 59"
R = 459.60'
T = 53.55'
L = 106.62'
E = 3.11'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 401+14.94
P.T. STA. = 402+21.56

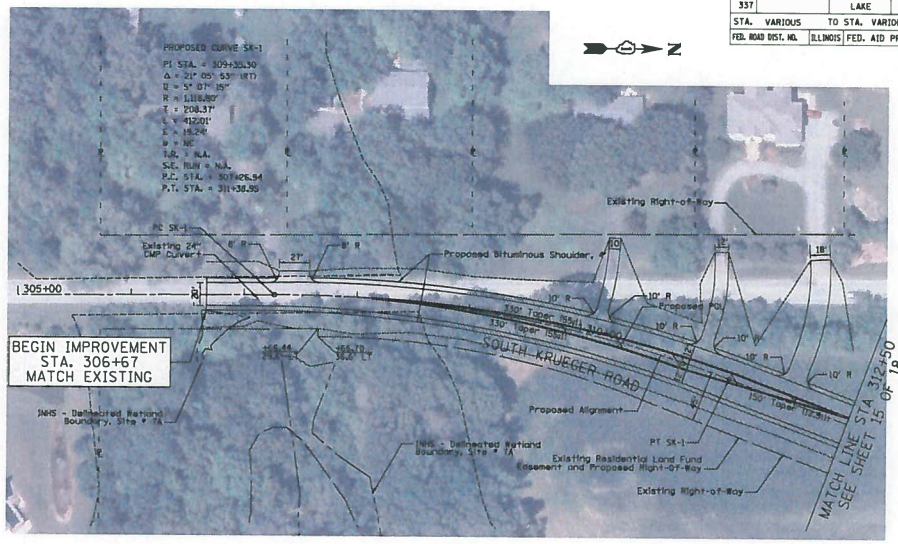


PROPOSED CURVE CS-2
PI STA. = 402+52.06
Δ = 6° 52' 20" (RT)
D = 11° 16' 43"
R = 508.00'
T = 30.50'
L = 60.93'
E = 0.91'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 402+21.56
P.T. STA. = 402+82.49

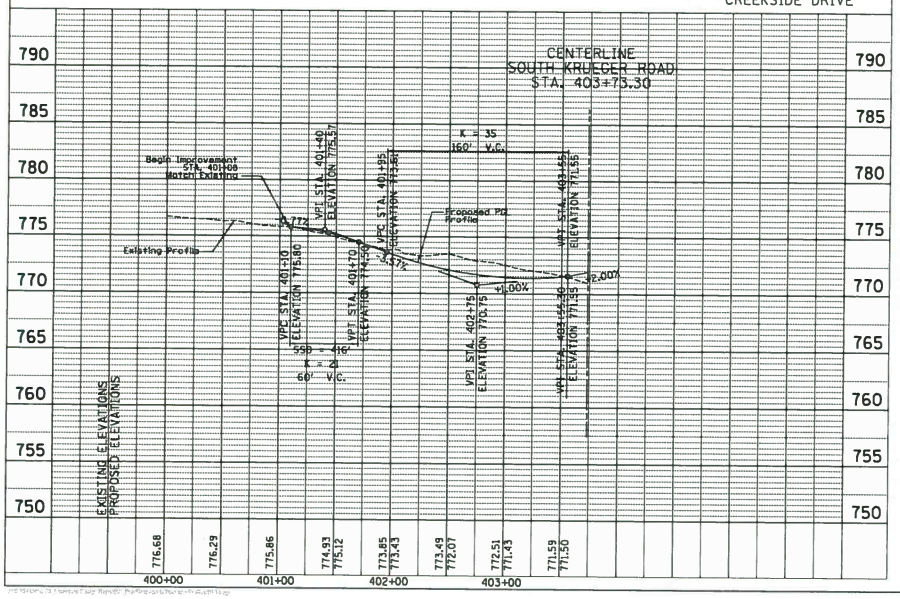
PROPOSED CURVE SK-2
PI STA. = 315+60.74
Δ = 18° 27' 33" (LT)
D = 4° 59' 59"
R = 1,146.00'
T = 186.22'
L = 369.21'
E = 15.03'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 313+74.52
P.T. STA. = 317+43.74

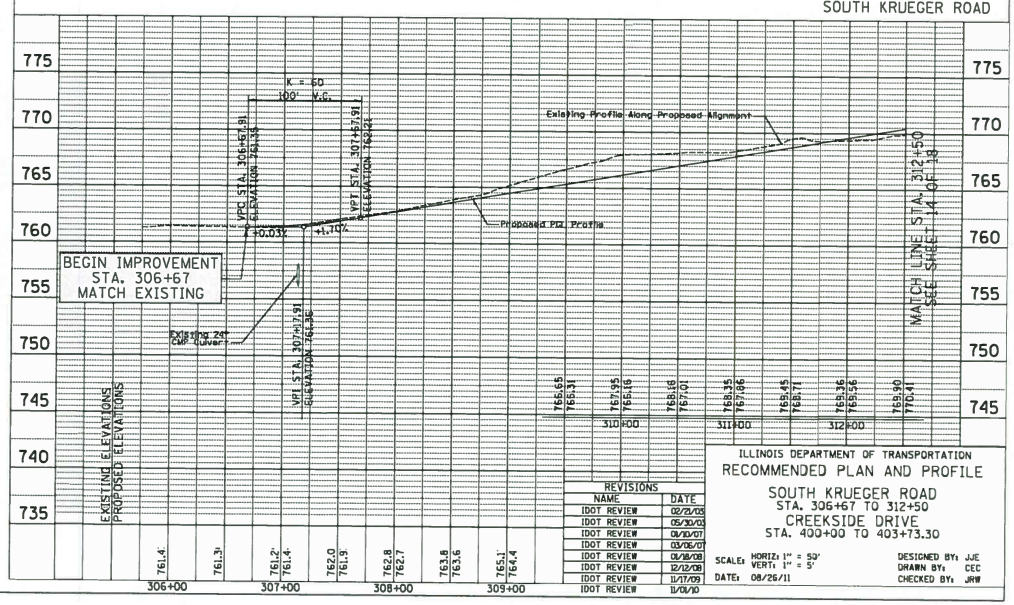
CREEKSIDE DRIVE

PROPOSED CURVE SK-1
PI STA. = 309+35.30
Δ = 21° 05' 53" (RT)
D = 5° 07' 15"
R = 1,118.80'
T = 208.37'
L = 412.01'
E = 18.24'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 307+26.94
P.T. STA. = 311+38.95



SOUTH KRUEGER ROAD





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/05
IDOT REVIEW	05/30/05
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/03/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE

SOUTH KRUEGER ROAD
STA. 306+67 TO 312+50

CREEKSIDE DRIVE
STA. 400+00 TO 403+73.30

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

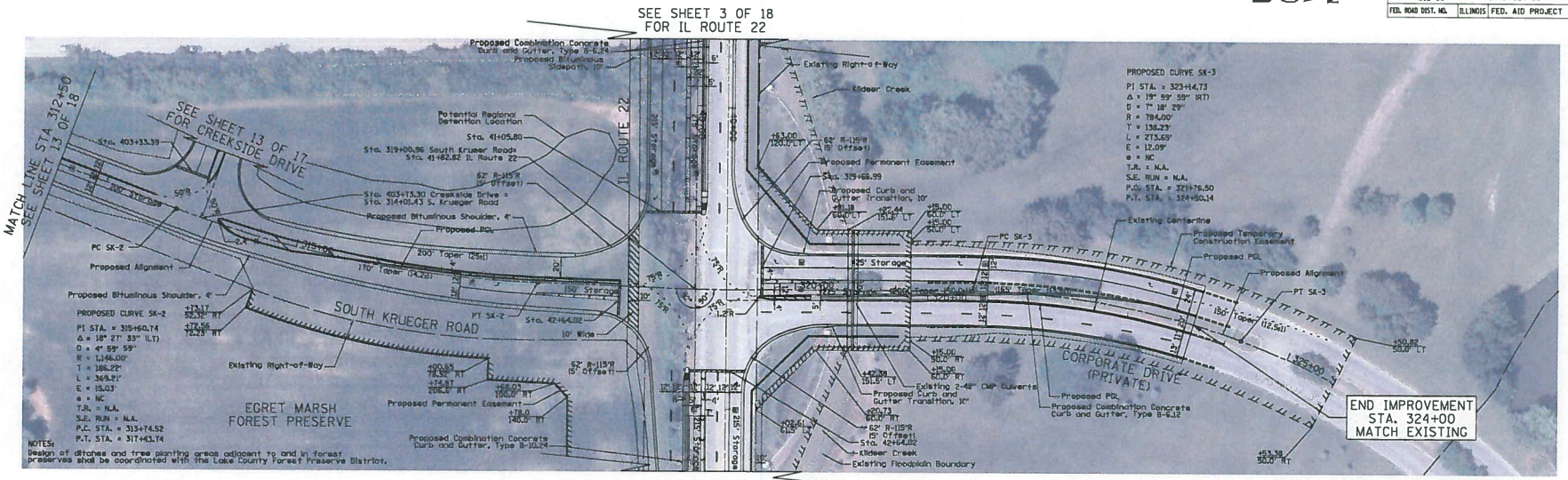
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

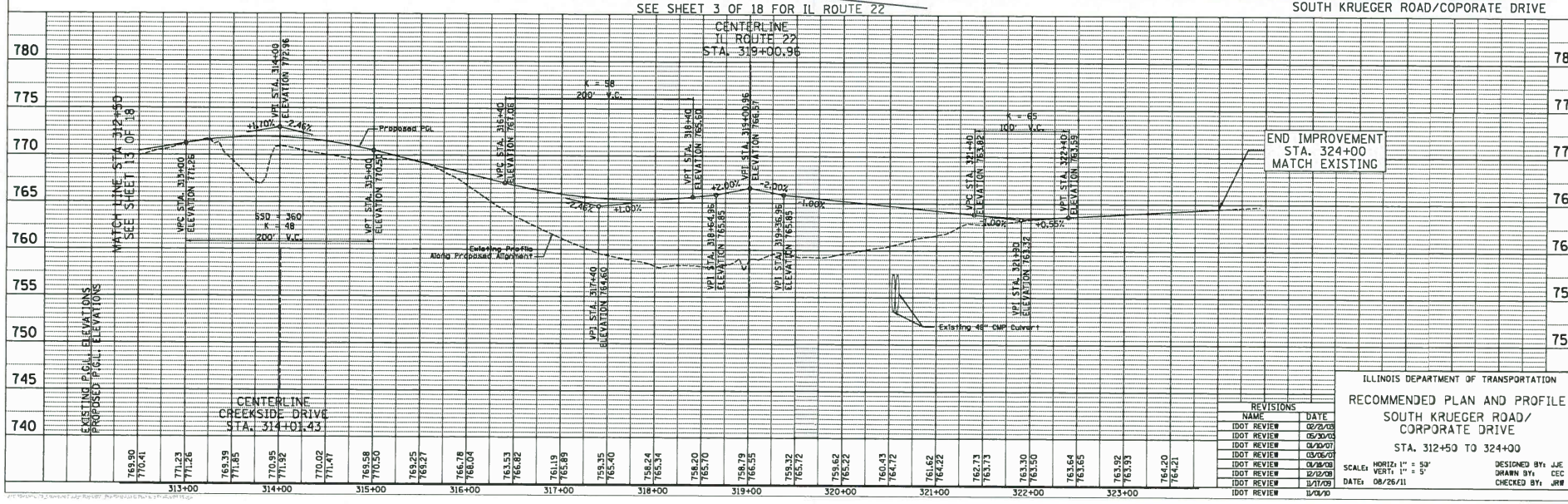
PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / BY: OFFICE OF BLR. CHECKED / BY: FIELD / FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BY: STRUCTURE HYDRAULIC CHKD / NOTE BOOK NO. / BY / DATE

EXHIBIT G-14

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	15
STA. 312+50		TO STA. 324+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	04/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/28/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
SOUTH KRUEGER ROAD/
CORPORATE DRIVE

STA. 312+50 TO 324+00

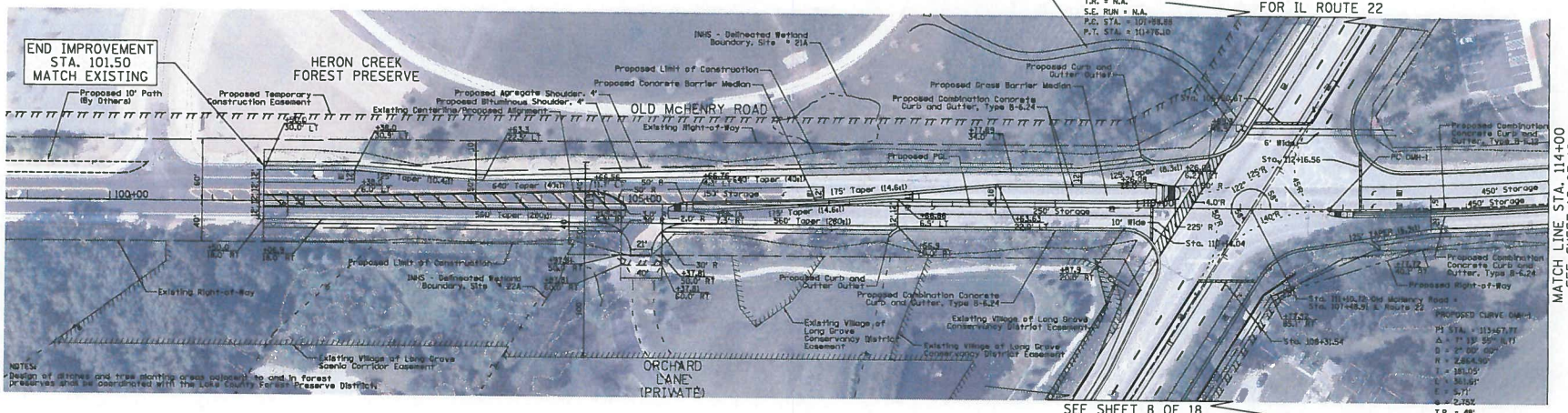
SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 08/26/11
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

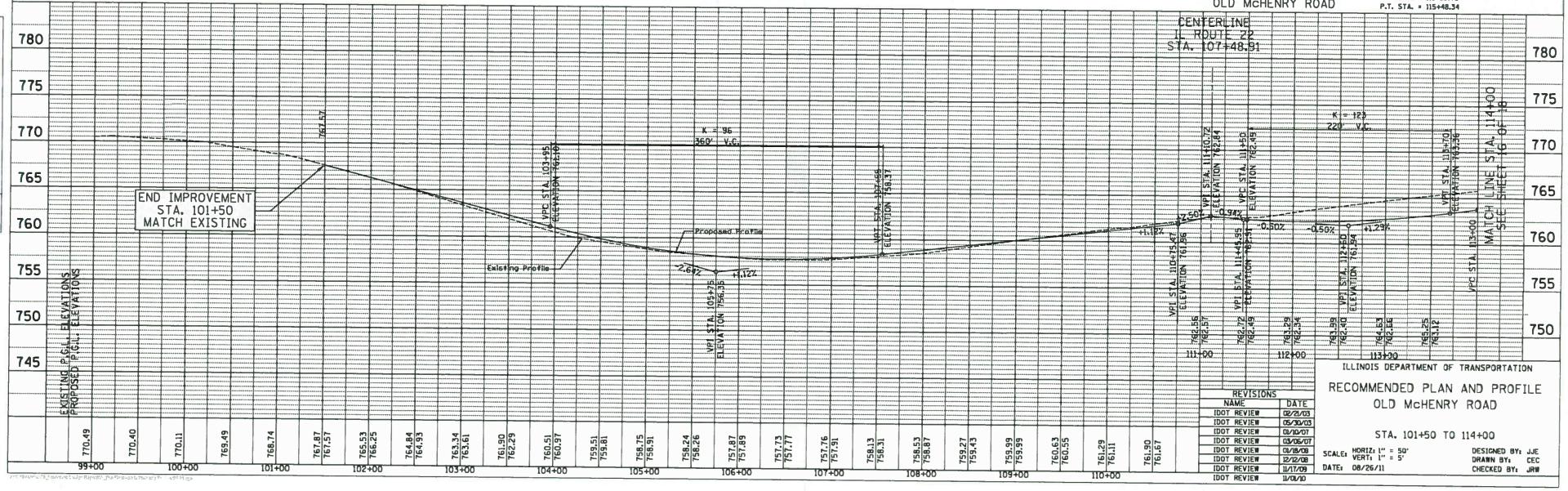
EXHIBIT G-15

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	16
STA. 101+50	TO STA. 112+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CURVE 22-6

PI STA. = 106+82.50
Δ = 1° 01' 42" (RT)
D = 0° 06' 15"
R = 55,000.00'
T = 493.52'
L = 987.21'
E = 2.22'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 101+88.98
P.T. STA. = 111+76.10





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/01/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
OLD McHENRY ROAD

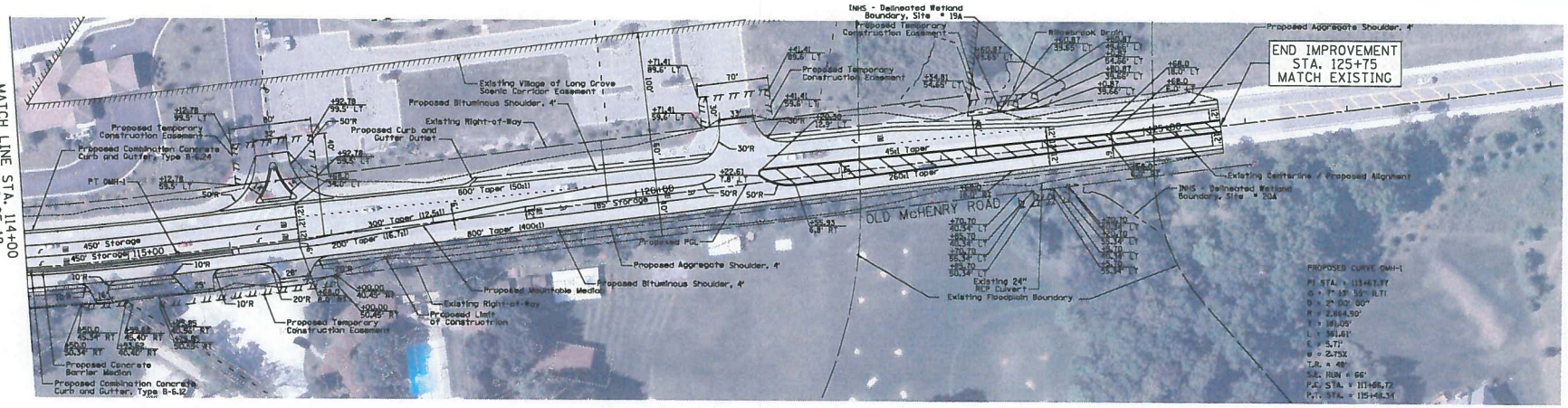
STA. 101+50 TO 114+00

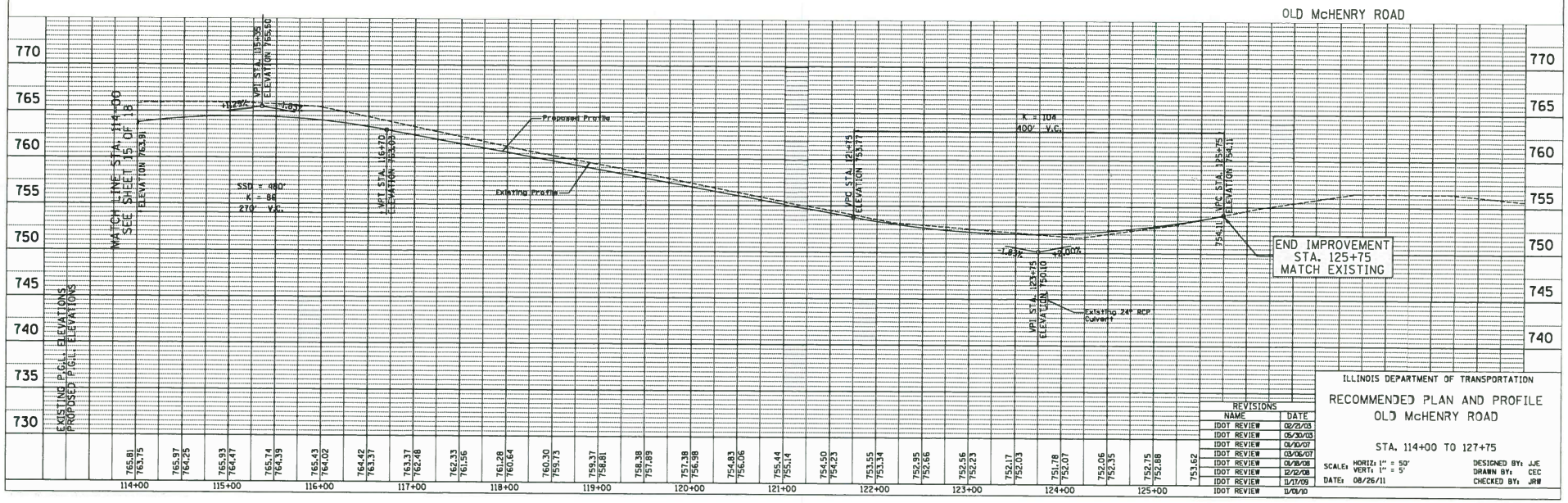
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-16

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	17
STA. 112+00		TO STA. END		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/09/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
OLD McHENRY ROAD

STA. 114+00 TO 127+75

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
DIST. OF R/W CHECKED
DATA PLOT. MANUAL
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
STRUCTURE INFO.TYPE CHECKED
BY
DATE

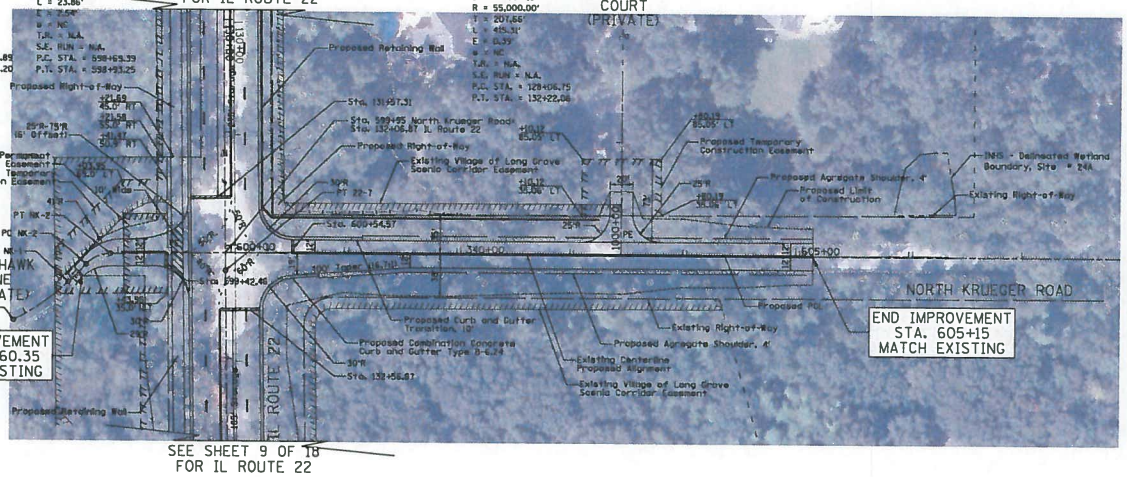
EXHIBIT G-17

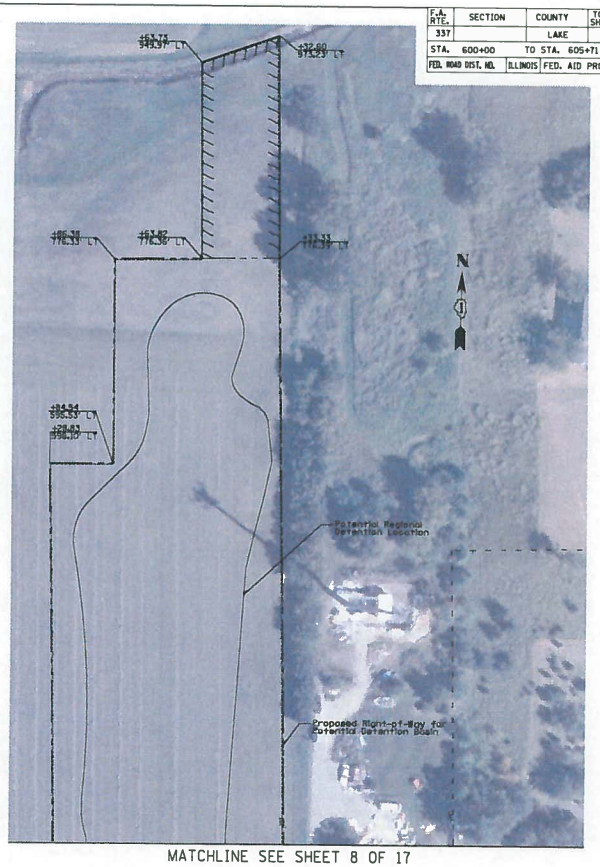
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	18	18
STA. 600+00		TO STA. 605+71		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CURVE NK-1
PI STA. = 598+23.92
Δ = 20° 05' 08" (LT)
D = 28° 10' 08"
R = 203.40'
T = 36.02'
L = 71.30'
E = 3.17'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 597+87.89
P.T. STA. = 598+59.20

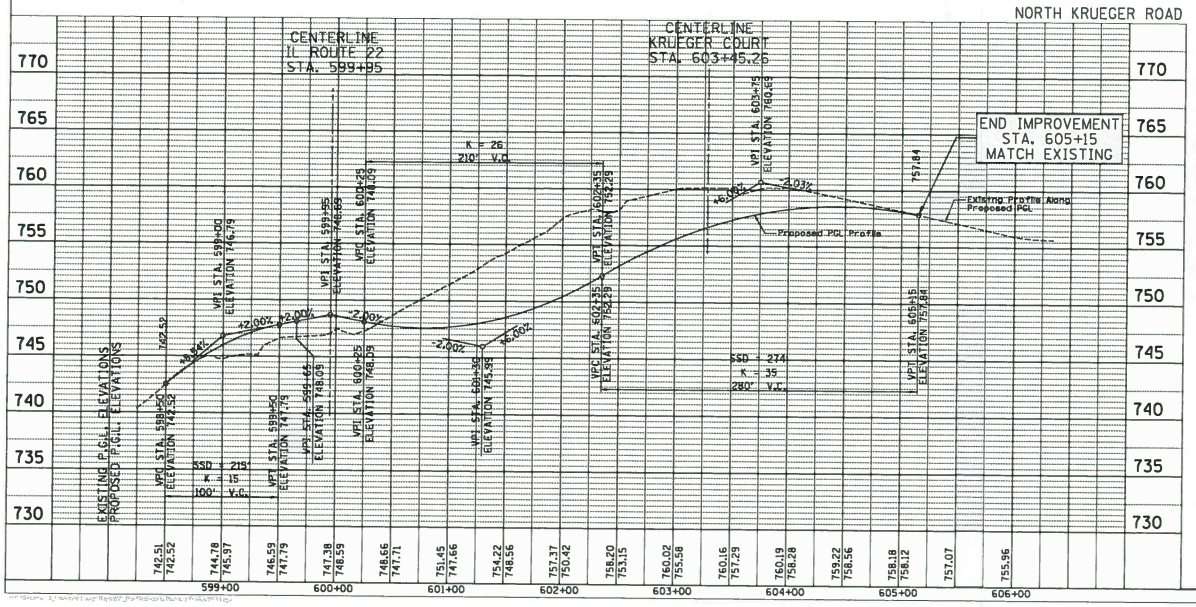
PROPOSED CURVE NK-2
PI STA. = 598+62.00
Δ = 45° 34' 10" (RT)
D = 190° 59' 09"
R = 30.00'
T = 12.60'
L = 23.86'
E = 0.56'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 598+69.39
P.T. STA. = 598+93.25

PROPOSED CURVE 22-7
PI STA. = 130+14.41
Δ = 0° 25' 58" (LT)
D = 0° 06' 15"
R = 55,000.00'
T = 207.56'
L = 415.31'
E = 0.39'
e = NC
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 128+06.75
P.T. STA. = 132+22.06





MATCHLINE SEE SHEET 8 OF 17



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/30/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08
IDOT REVIEW	11/17/09
IDOT REVIEW	11/03/10

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
NORTH KRUEGER ROAD/
BLACKHAWK LANE

STA. 598+60.35 TO 605+70

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 08/26/11

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

EXHIBIT G-18

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
337		LAKE	17

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

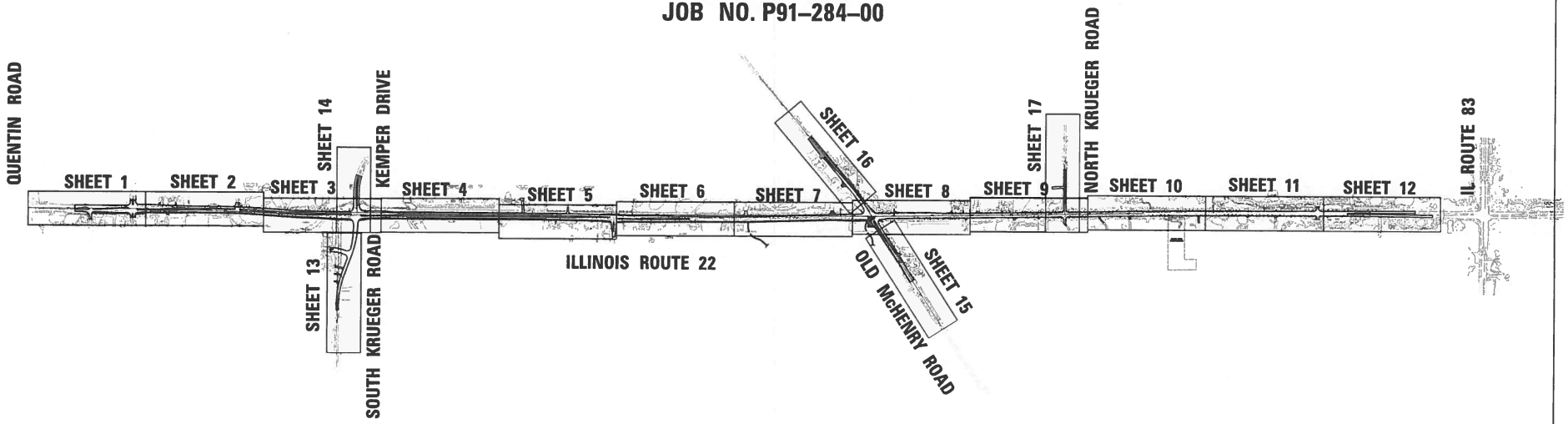
DIVISION OF HIGHWAYS

RECOMMENDED PLAN & PROFILE SHEETS

FAP ROUTE 337 (ILLINOIS ROUTE 22) QUENTIN ROAD TO ILLINOIS ROUTE 83 JOB NO. P91-284-00

N

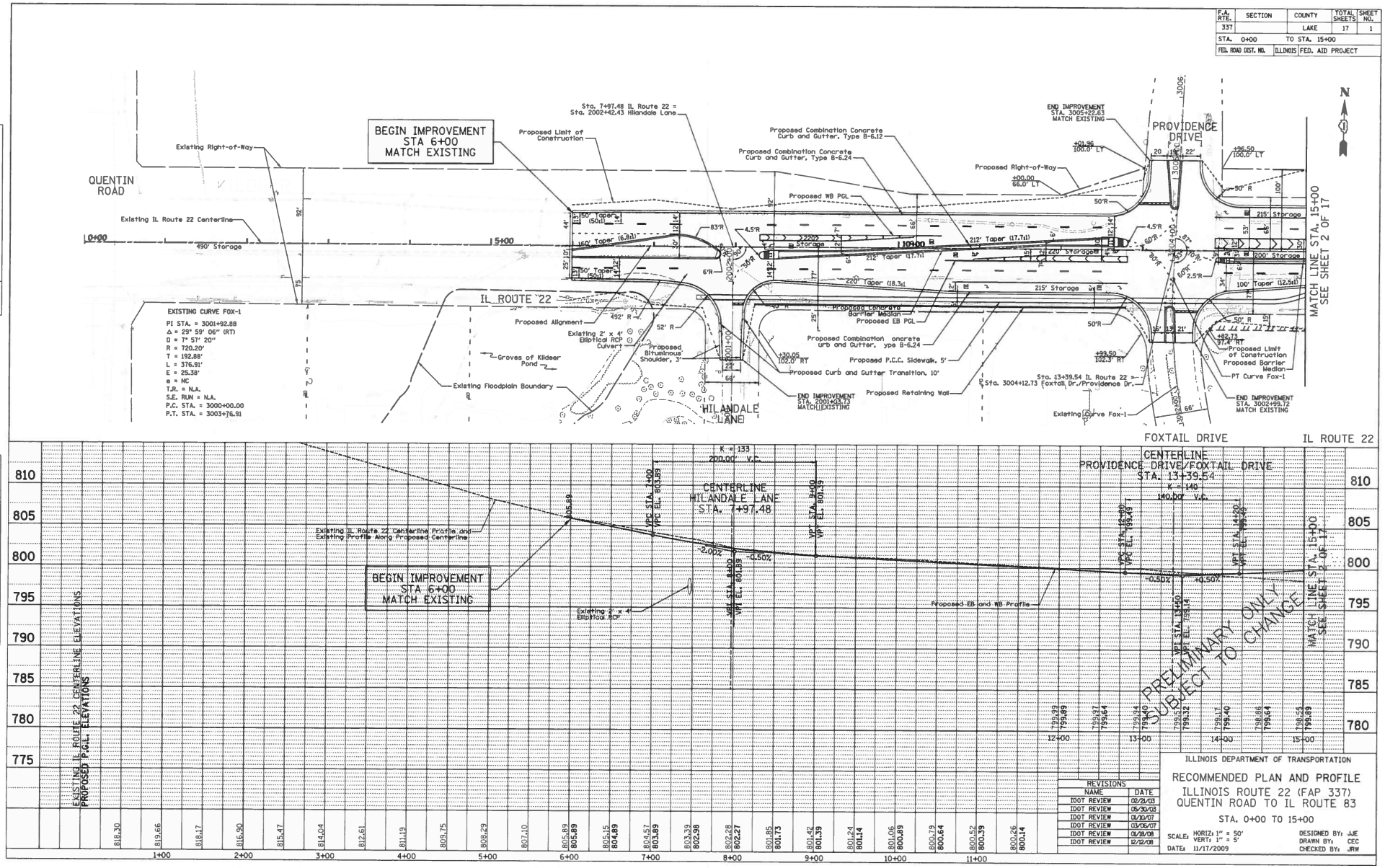
1" = 600'



DATE: 11-17-2009

		DESIGN SPEED	POSTED SPEED
ILLINOIS ROUTE 22		50 MPH	45 MPH
S. KRUEGER ROAD		30 MPH	25 MPH
OLD McHENRY ROAD	NORTH OF ILLINOIS ROUTE 22	45 MPH	40 MPH
	SOUTH OF ILLINOIS ROUTE 22	40 MPH	35 MPH
N. KRUEGER ROAD		35 MPH	30 MPH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	1
STA. 0+00		TO STA. 15+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

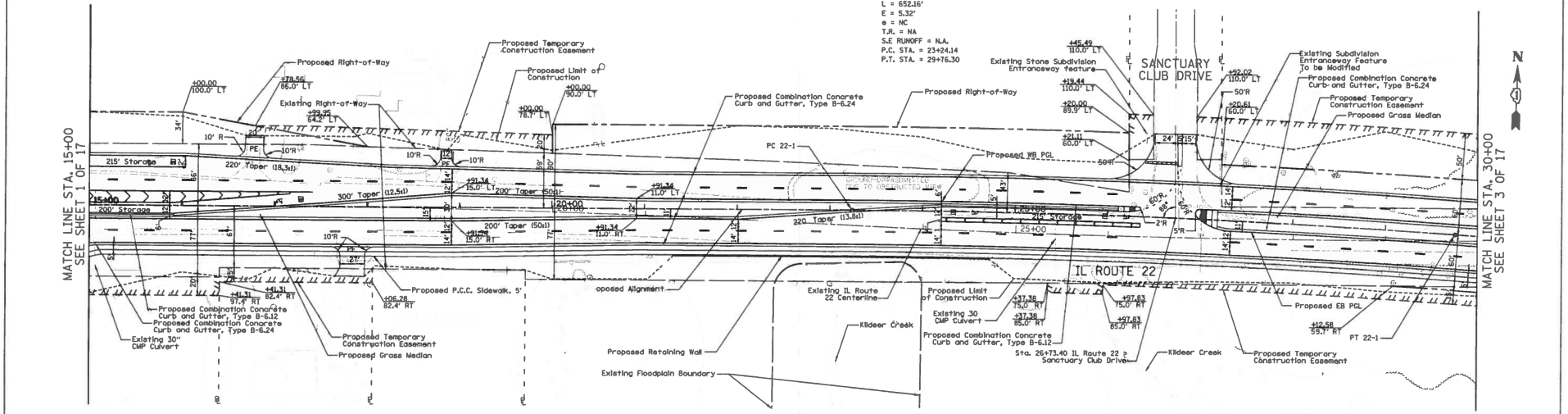
STA. 0+00 TO 15+00

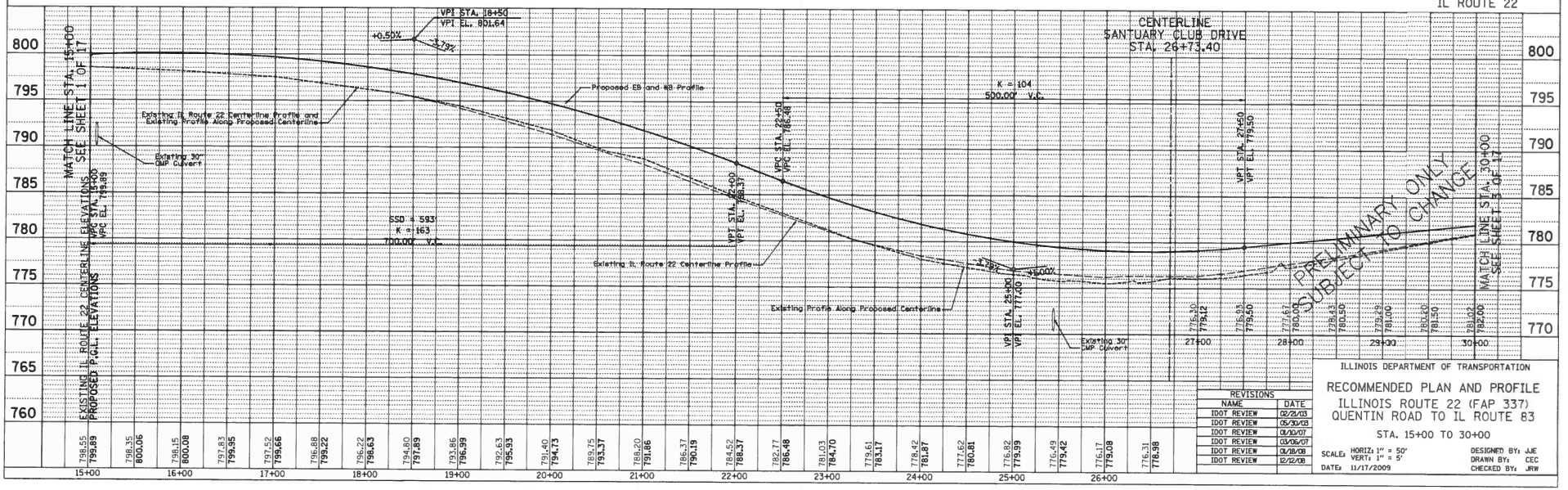
SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 11/17/2009
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	2
STA. 15+00		TO STA. 30+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CURVE 22-1

PI STA. = 26+50.34
Δ = 3° 44' 12" (RT)
D = 0° 34' 23"
R = 10,000'
T = 326.20'
L = 652.16'
E = 5.32'
e = NC
T.R. = NA
S.E RUNOFF = N.A.
P.C. STA. = 23+24.14
P.T. STA. = 29+76.30





PRELIMINARY ONLY SUBJECT TO CHANGE

REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

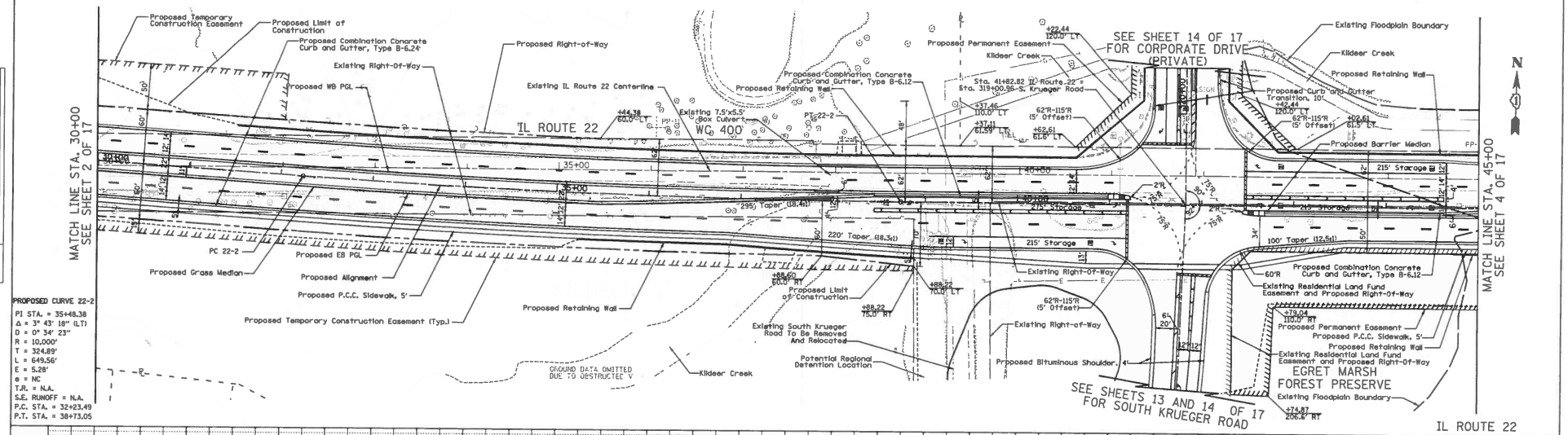
RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 15+00 TO 30+00

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 11/17/2009

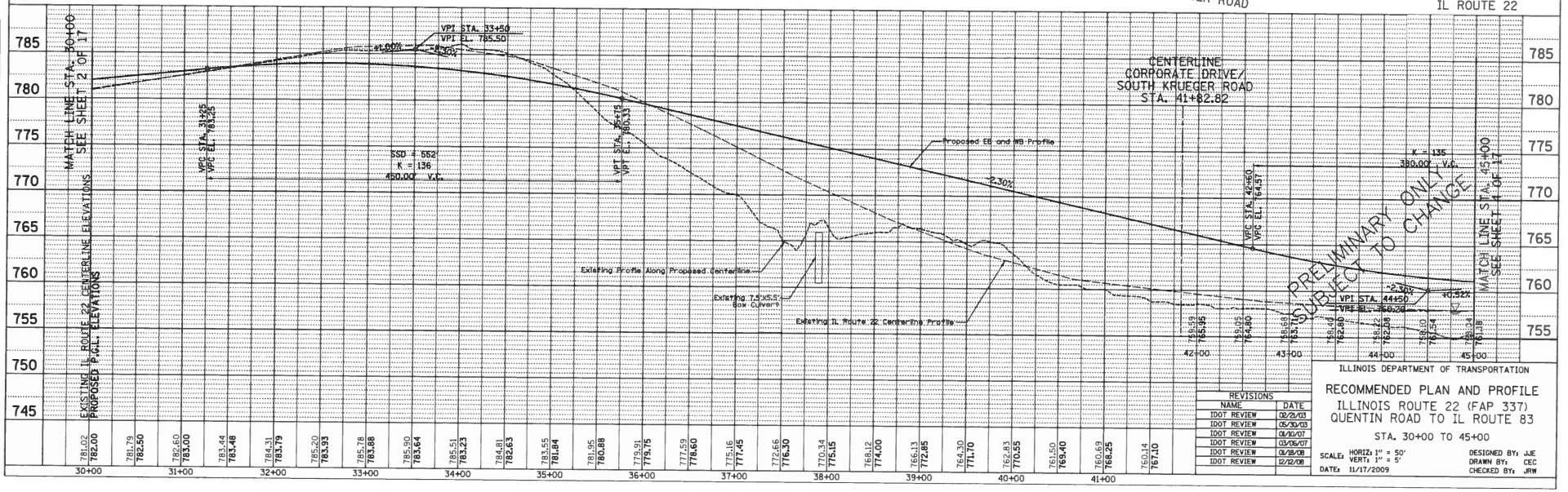
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	3
STA. 30+00		TO STA. 45+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED CURVE 22-2

PI STA. = 35+48.38
Δ = 3° 43' 18" (LT)
D = 0° 34' 23"
R = 10,000'
T = 324.89'
L = 649.56'
E = 5.28'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 32+23.49
P.T. STA. = 38+73.05



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE

ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

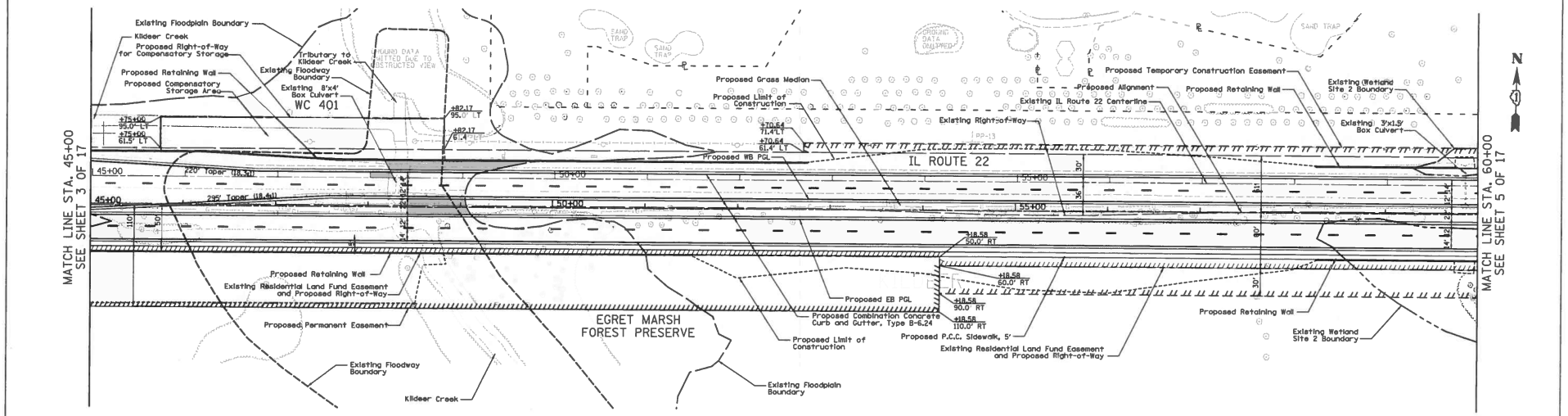
STA. 30+00 TO 45+00

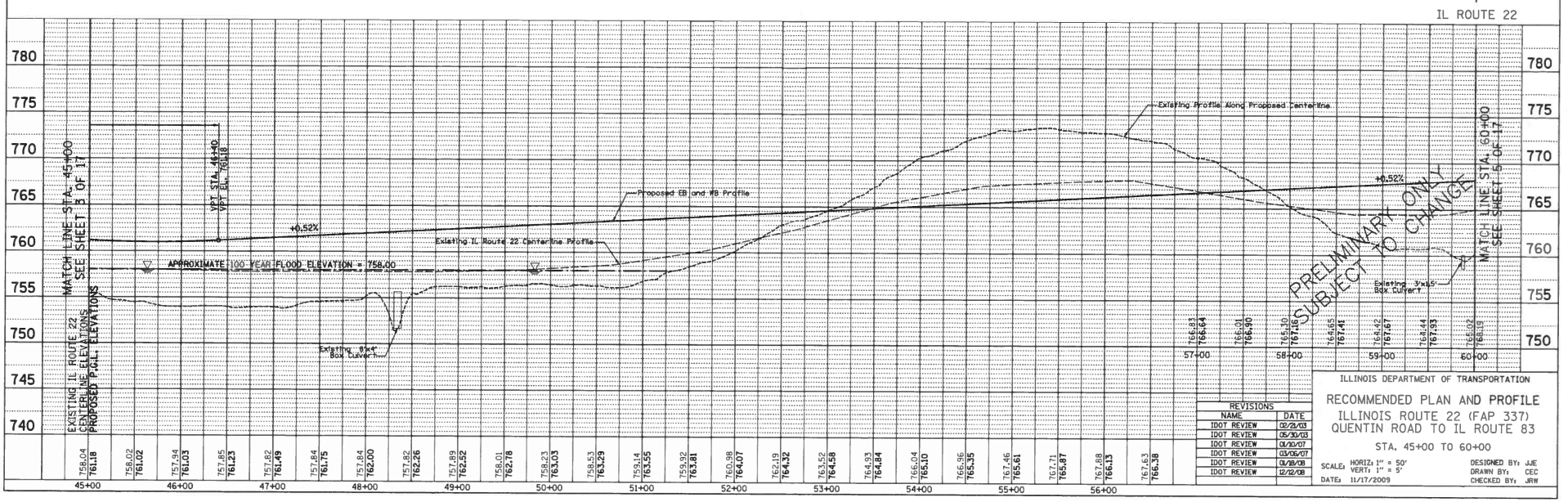
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'

DATE: 11/17/2009

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	4
STA. 45+00		TO STA. 60+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE

ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 45+00 TO 60+00

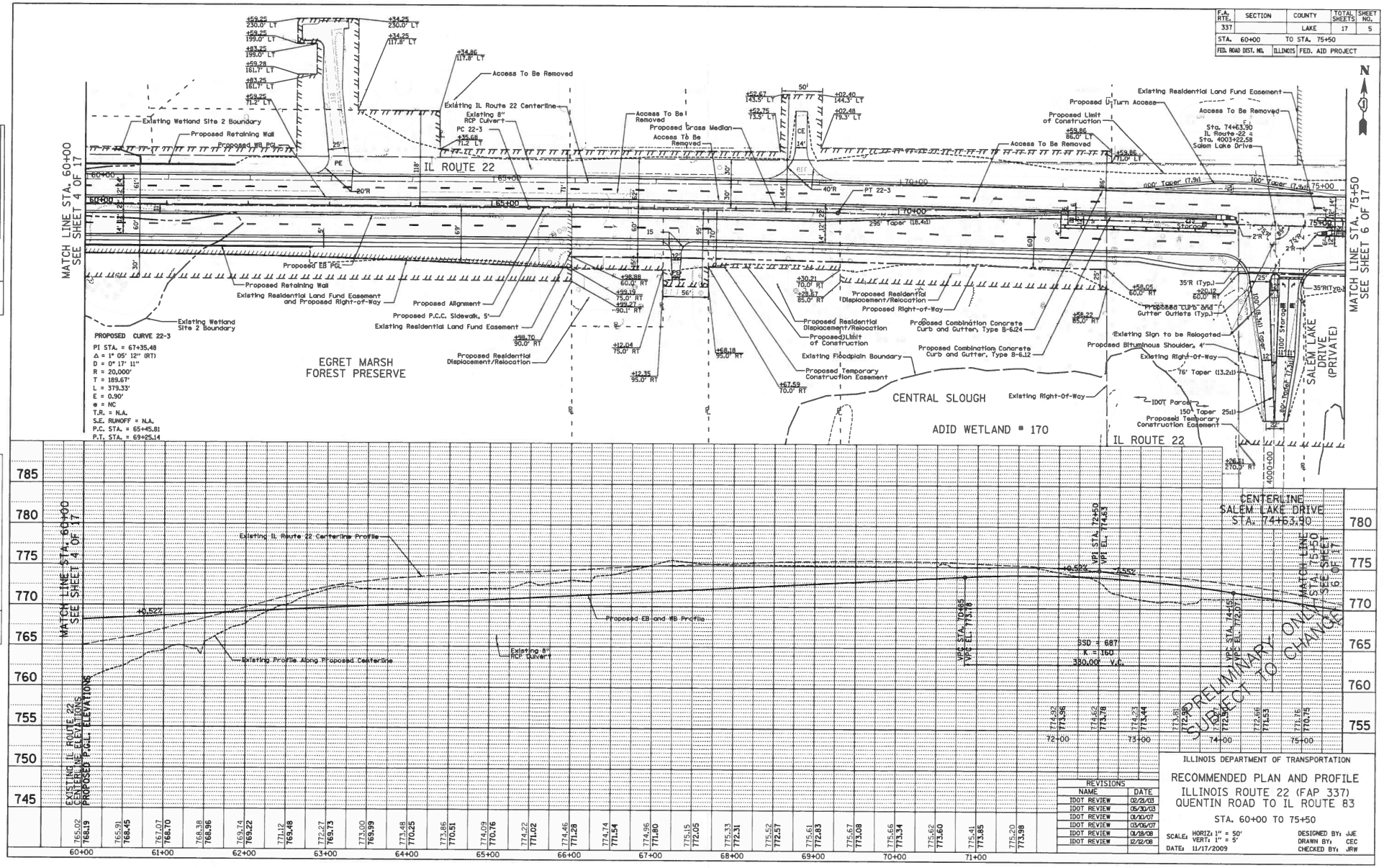
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 11/17/2009

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / DRAWN / ALL STRUCTURE NOTATIONS CHECKED — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / DRAWN / ALL STRUCTURE NOTATIONS CHECKED — NOTE BOOK NO. — BY — DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	5
STA. 60+00		TO STA. 75+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/13
IDOT REVIEW	05/30/13
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

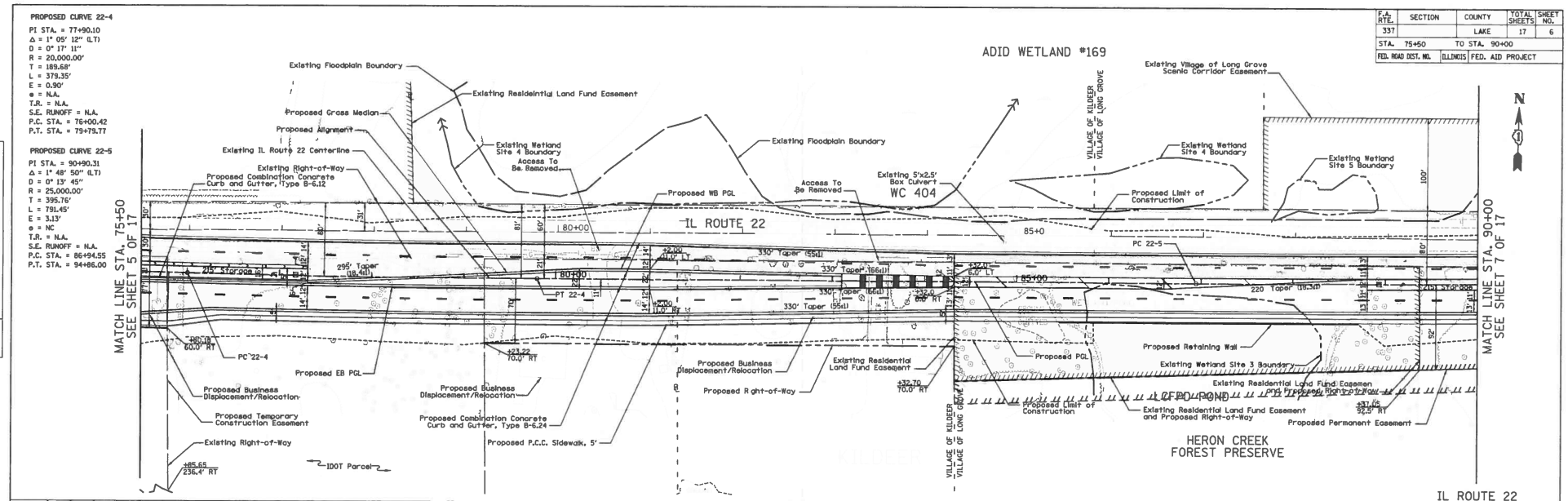
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	6
STA. 75+50		TO STA. 90+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

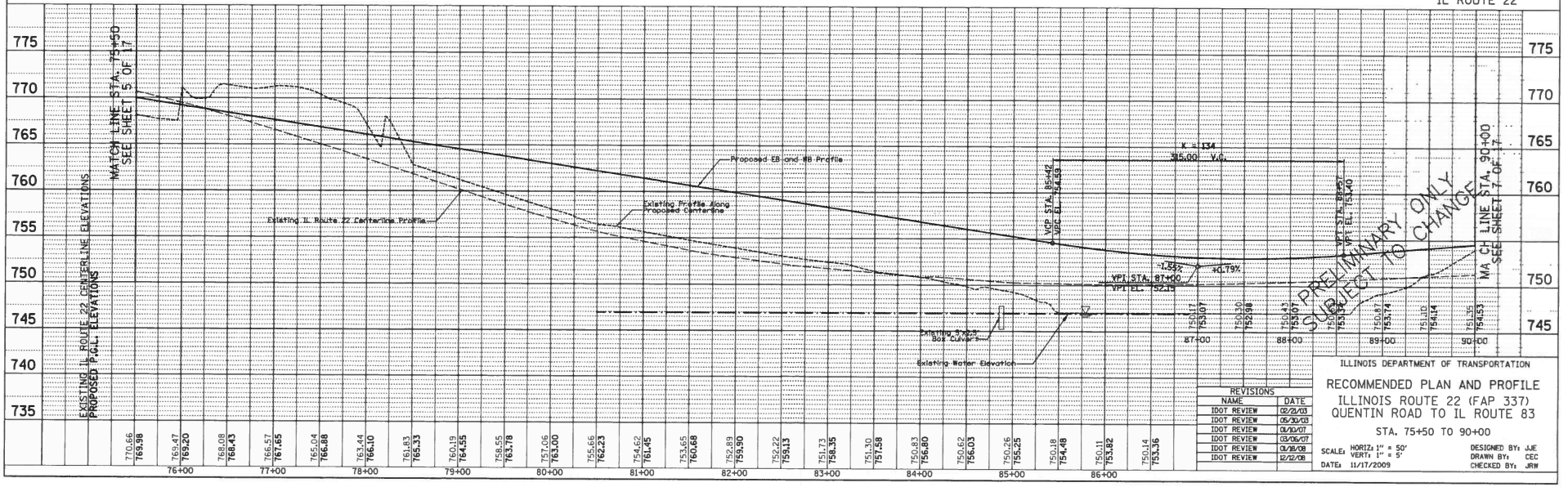
PROPOSED CURVE 22-4

PI STA. = 77+90.10
Δ = 1° 05' 12" (LT)
D = 0° 17' 11"
R = 20,000.00'
T = 189.68'
L = 379.35'
E = 0.90'
e = N.A.
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 76+00.42
P.T. STA. = 79+79.77

PROPOSED CURVE 22-5

PI STA. = 90+90.31
Δ = 1° 48' 50" (LT)
D = 0° 13' 45"
R = 25,000.00'
T = 395.76'
L = 791.45'
E = 3.13'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 86+94.55
P.T. STA. = 94+86.00





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

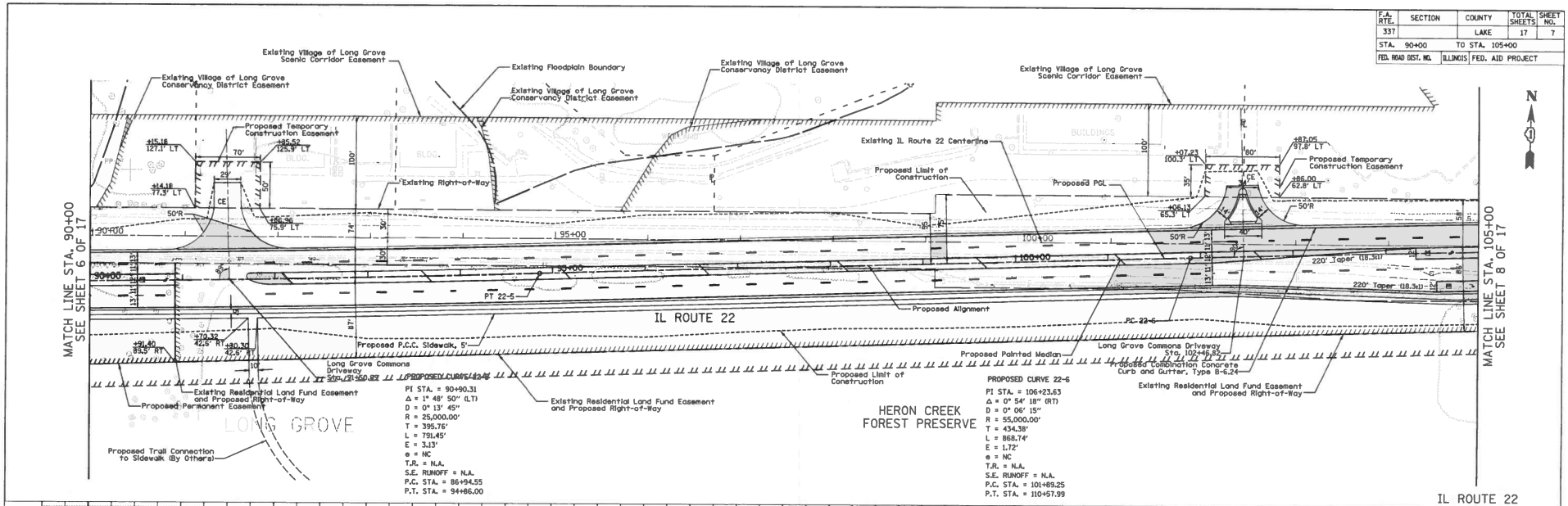
RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

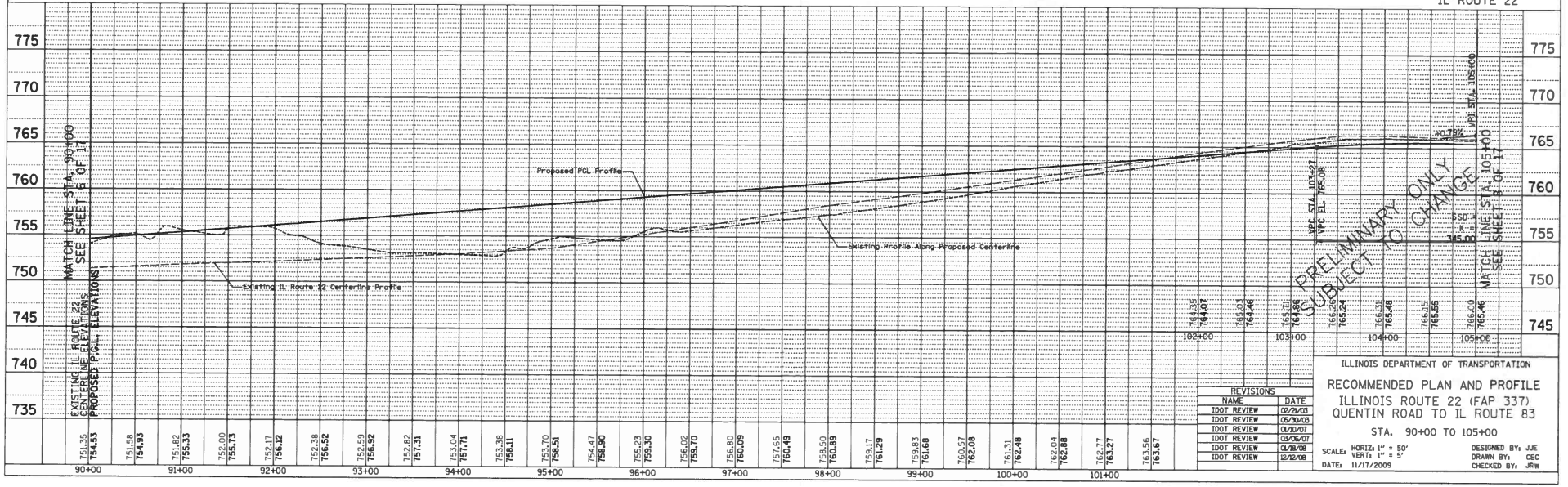
STA. 75+50 TO 90+00

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 11/17/2009

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	7
STA. 90+00		TO STA. 105+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





PRELIMINARY ONLY SUBJECT TO CHANGE

REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83
STA. 90+00 TO 105+00

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 11/17/2009
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

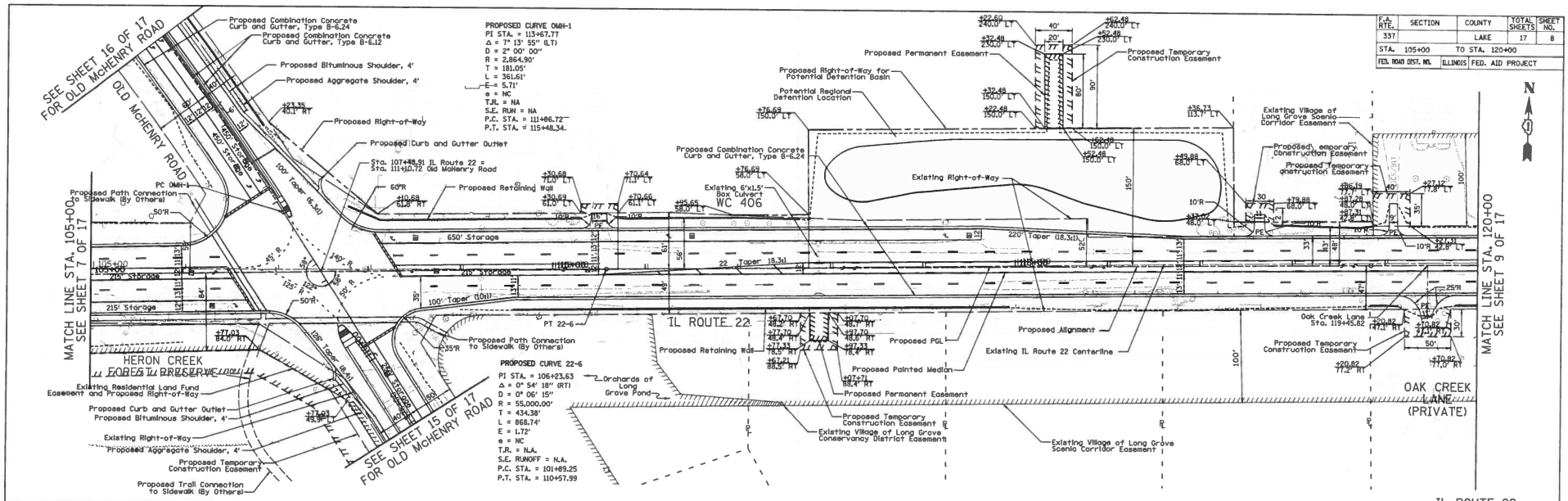
PLAN — SURVEYED / PLOTTED / ALIGN. CHECKED / PT. OF B.L. CHECKED / PLAN TO L.M. NOTE BOOK NO. / BY / DATE

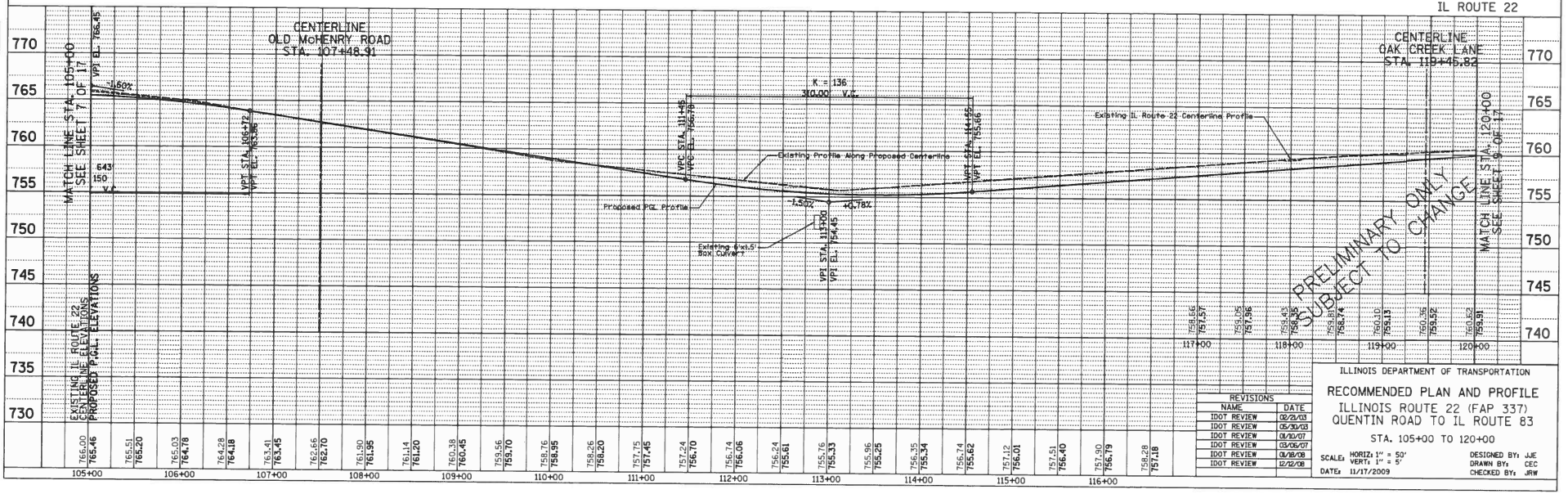
PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / STRUCTURE INFO. / STRUCTURE NOTE BOOK NO. / BY / DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	8
STA. 105+00	TO STA. 120+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CURVE OMH-1
PI STA. = 113+67.77
Δ = 7° 13' 55" (LT)
D = 2° 00' 00"
R = 2,864.90'
T = 181.05'
L = 361.61'
E = 5.71'
e = NC
T.R. = NA
S.E. RUN = NA
P.C. STA. = 111+86.72
P.T. STA. = 115+48.34

PROPOSED CURVE 22-6
PI STA. = 106+23.63
Δ = 0° 54' 18" (RT)
D = 0° 06' 15"
R = 55,000.00'
T = 434.38'
L = 868.74'
E = 1.72'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 101+89.25
P.T. STA. = 110+57.99





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE

ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 105+00 TO 120+00

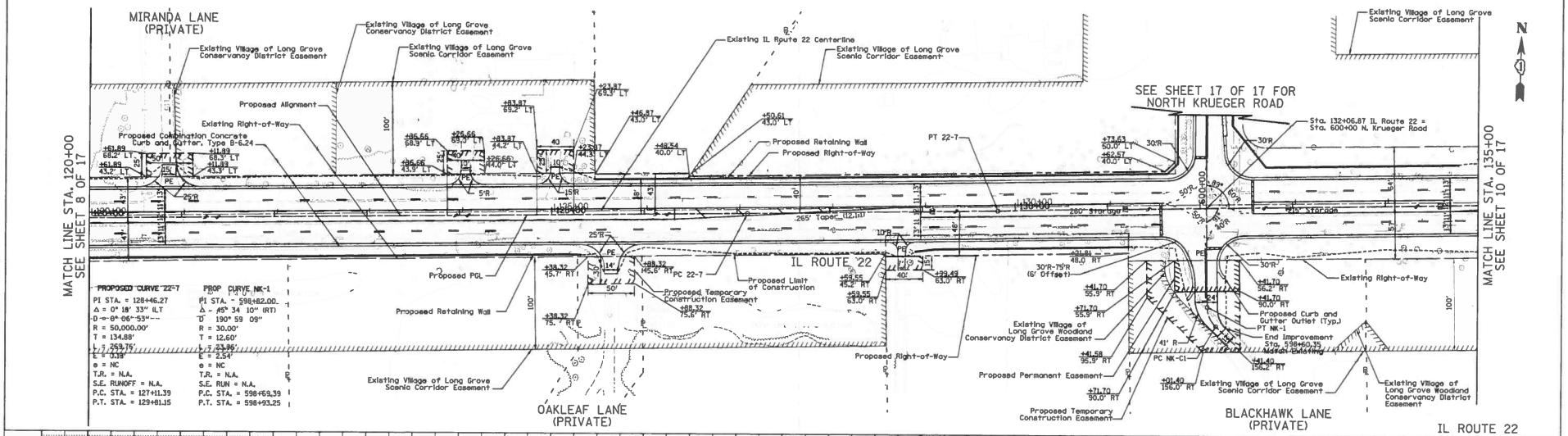
SCALE: HORIZ 1" = 50'
VERT: 1" = 5'
DATE: 11/17/2009

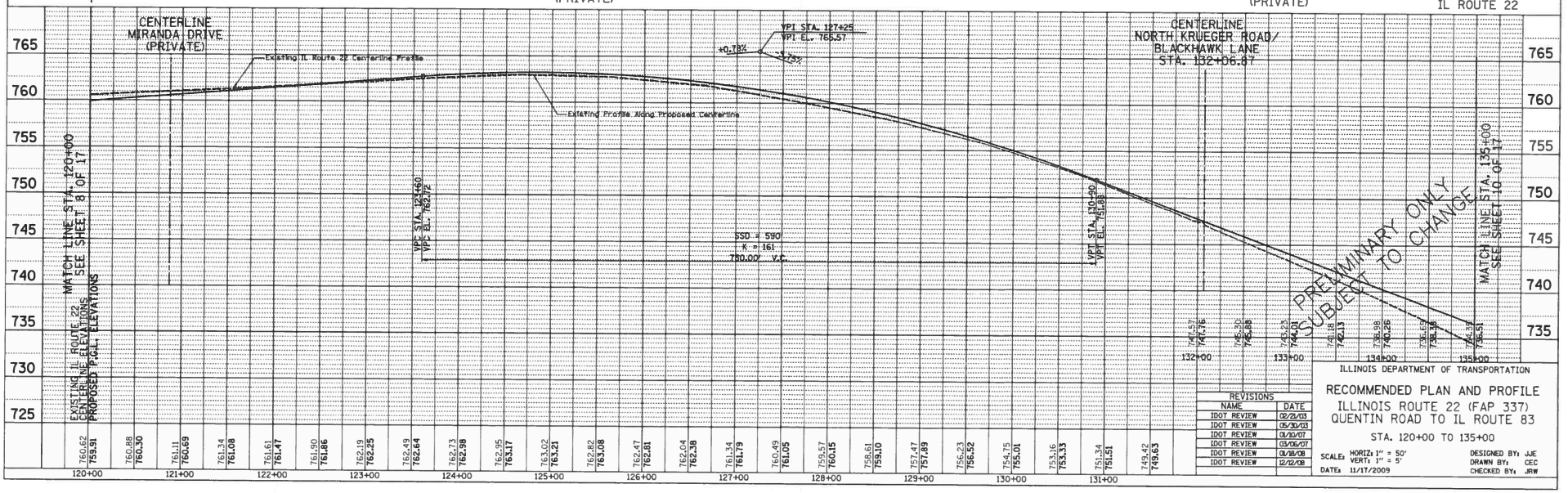
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

PLAN: SURVEYED / PLOTTED / ALIGNED / DRAWN / CHECKED / ALL OF ALL CHECKED / AND FIELD NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / DRAWN / CHECKED / STRUCTURE / ALL OF ALL CHECKED / NOTE BOOK NO. / BY / DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	9
STA. 120+00		TO STA. 135+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/30/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

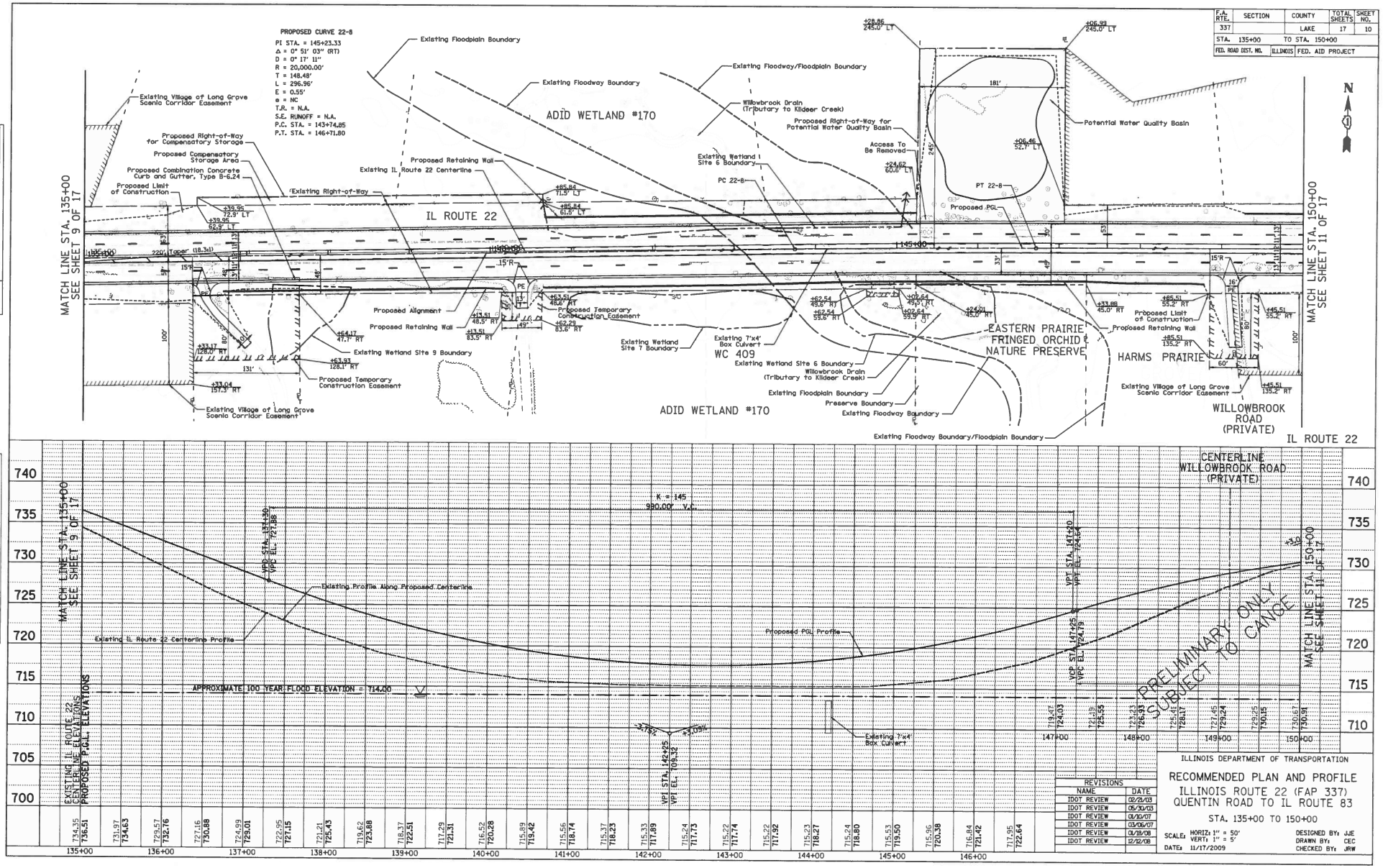
RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 120+00 TO 135+00

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 11/17/2009

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	10
STA. 135+00		TO STA. 150+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

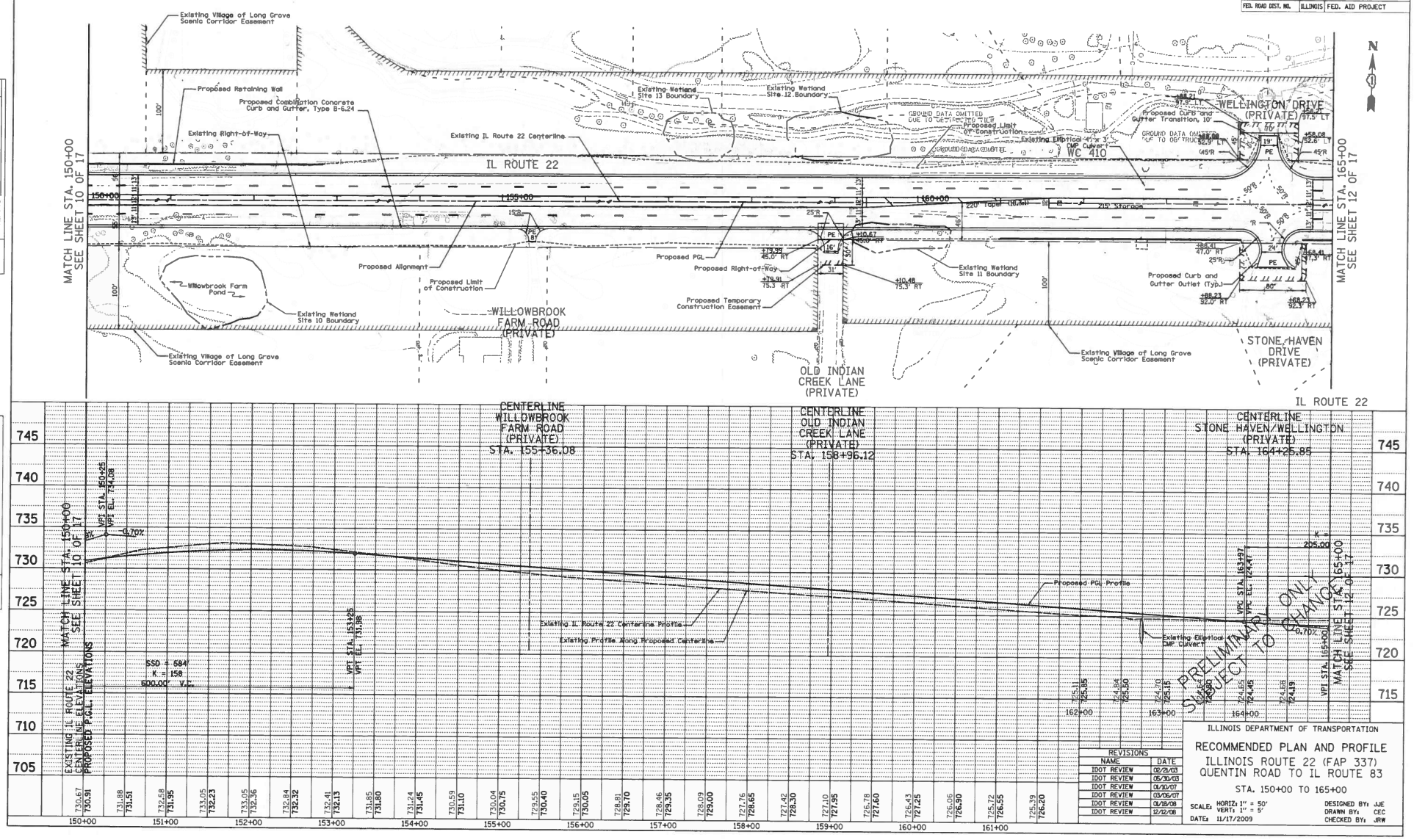
RECOMMENDED PLAN AND PROFILE

ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 135+00 TO 150+00

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 11/17/2009
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	11
STA. 150+00		TO STA. 165+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

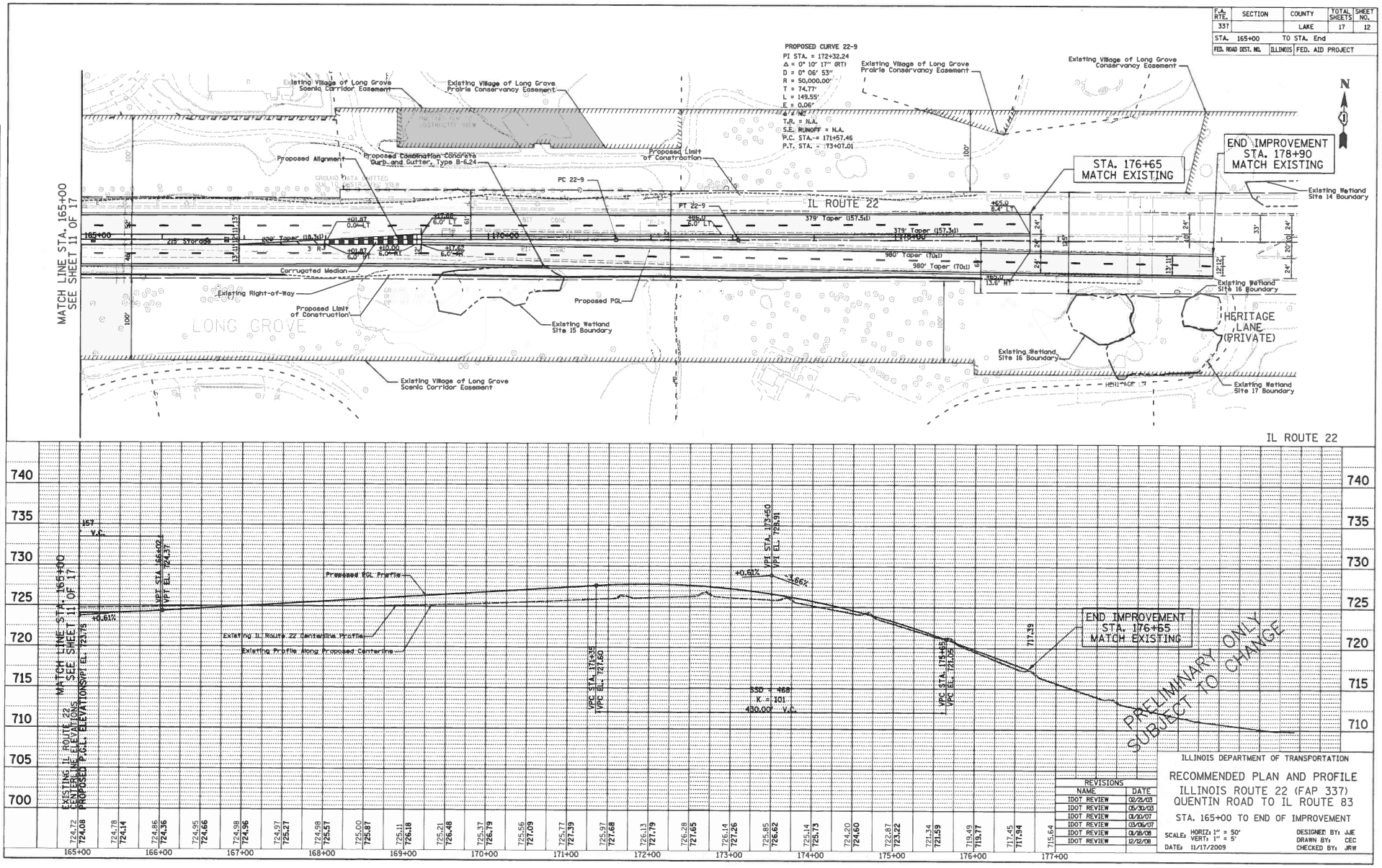
RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 150+00 TO 165+00

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 11/17/2009

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	12
STA. 165+00	TO STA. End			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

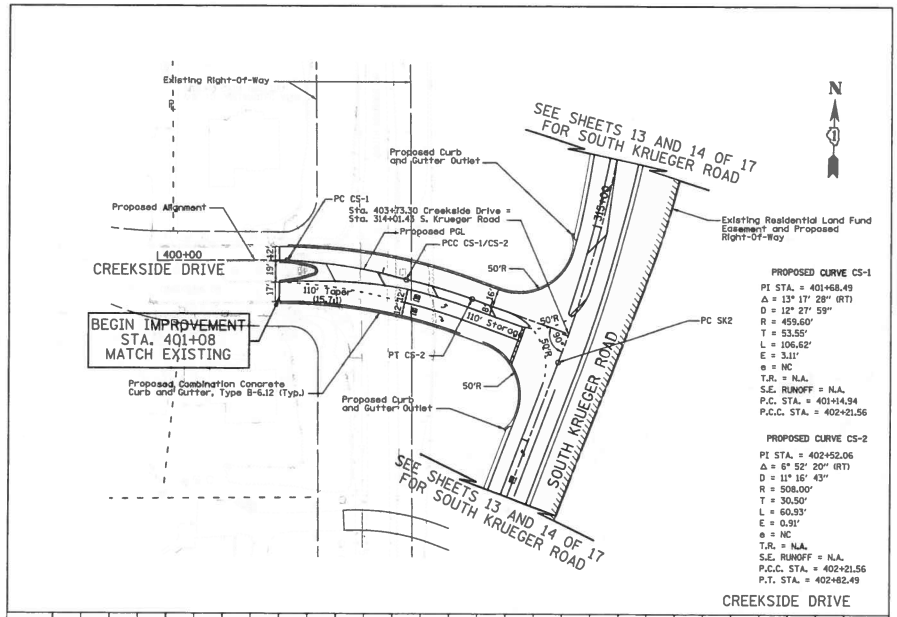
ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
ILLINOIS ROUTE 22 (FAP 337)
QUENTIN ROAD TO IL ROUTE 83

STA. 165+00 TO END OF IMPROVEMENT

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 11/17/2009
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	13
STA. VARIOUS		TO STA. VARIOUS		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



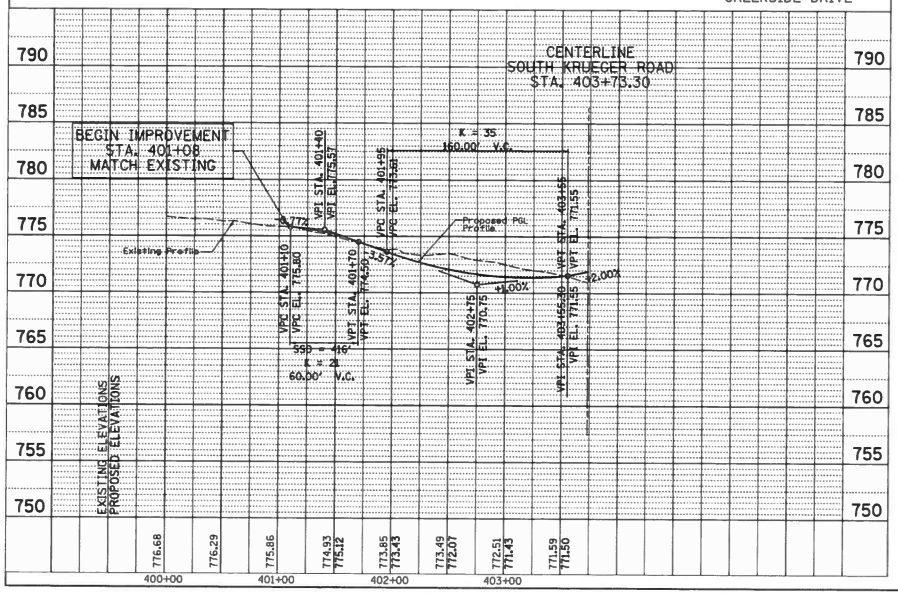
PROPOSED CURVE CS-1

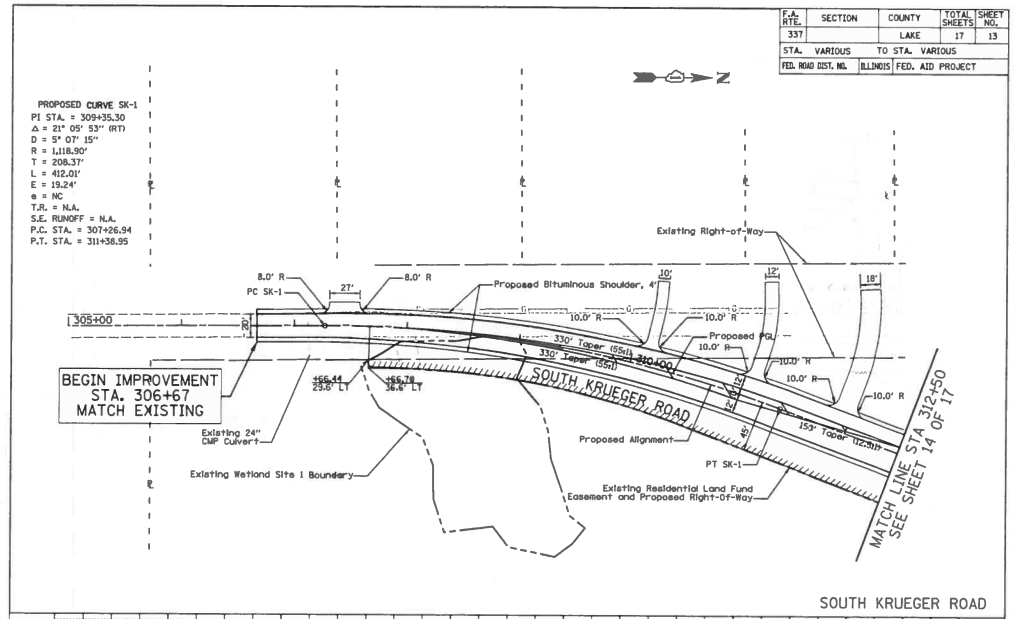
PI STA. = 401+68.49
Δ = 13° 17' 28" (RT)
D = 12° 27' 59"
R = 459.60'
T = 53.55'
L = 106.62'
E = 3.11'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 401+14.94
P.C.C. STA. = 402+21.56

PROPOSED CURVE CS-2

PI STA. = 402+52.06
Δ = 6° 52' 20" (RT)
D = 11° 16' 43"
R = 508.00'
T = 30.50'
L = 60.93'
E = 0.91'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C.C. STA. = 402+21.56
P.T. STA. = 402+82.49

CREEKSIDE DRIVE

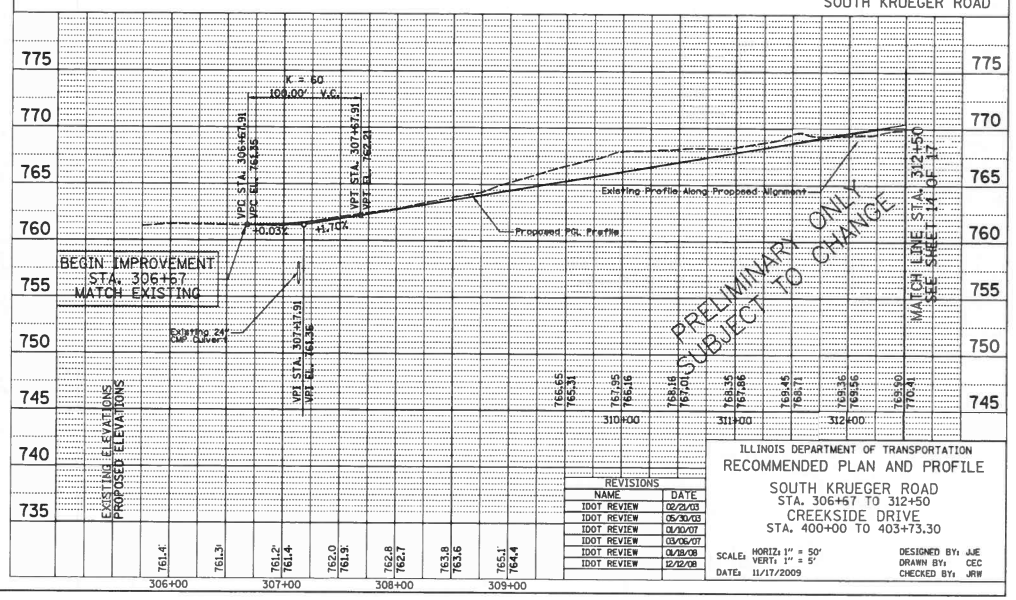




PROPOSED CURVE SK-1

PI STA. = 309+35.30
Δ = 21° 05' 53" (RT)
D = 5° 07' 15"
R = 1,118.90'
T = 208.37'
L = 412.01'
E = 19.24'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 307+26.94
P.T. STA. = 311+38.95

SOUTH KRUEGER ROAD



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE

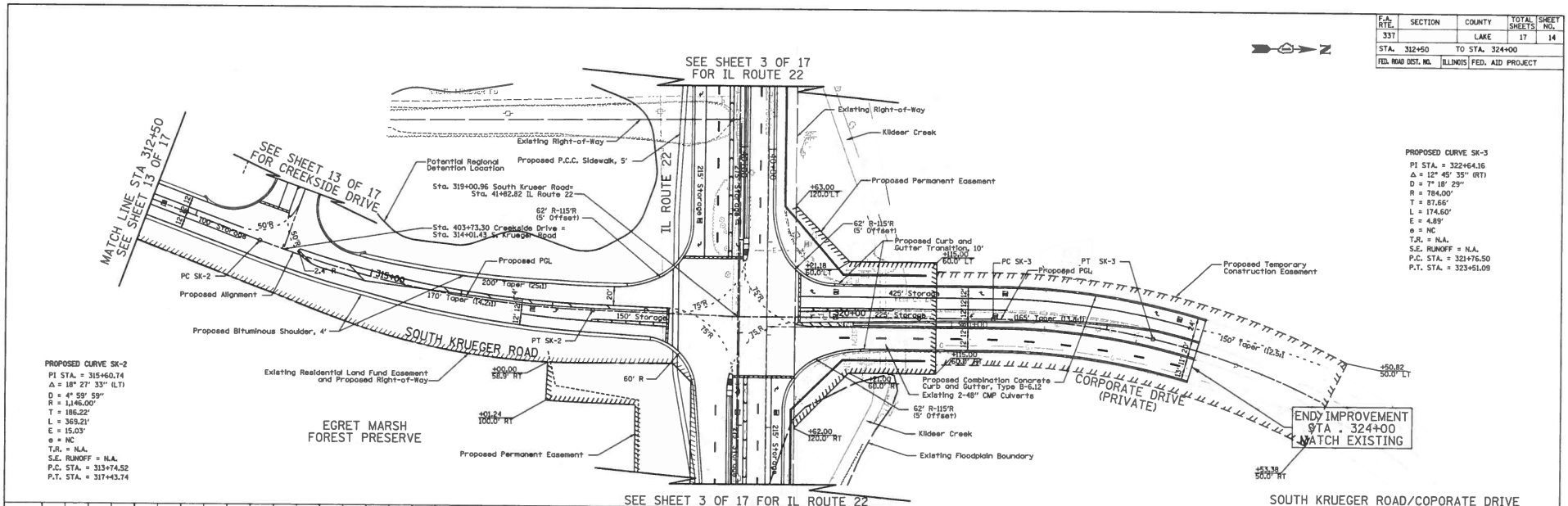
SOUTH KRUEGER ROAD
STA. 306+67 TO 312+50
CREEKSIDE DRIVE
STA. 400+00 TO 403+73.30

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 11/17/2009
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / INT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

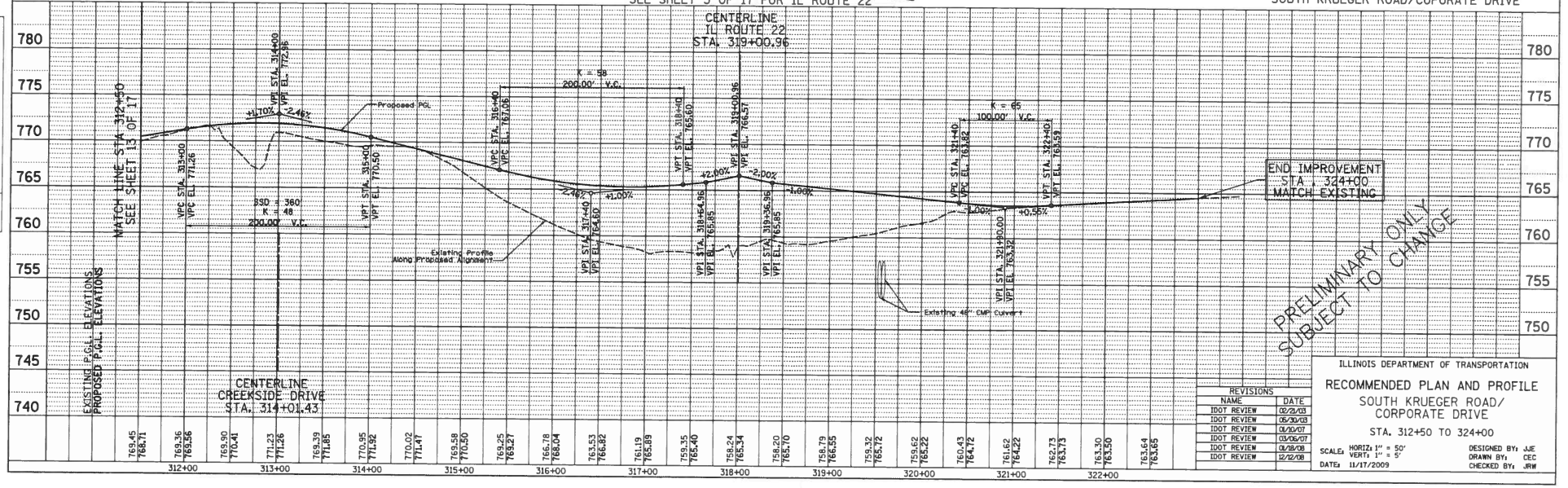
PROFILE: SURVEYED / PLOTTED / CHECKED / SEAL NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	14
STA. 312+50		TO STA. 324+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED CURVE SK-2
PI STA. = 315+60.74
Δ = 18° 27' 33" (LT)
D = 4° 59' 59"
R = 1,146.00'
T = 186.22'
L = 369.21'
E = 15.03'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 313+74.52
P.T. STA. = 317+43.74

PROPOSED CURVE SK-3
PI STA. = 322+64.16
Δ = 12° 45' 35" (RT)
D = 7° 18' 29"
R = 784.00'
T = 87.66'
L = 174.60'
E = 4.89'
e = NC
T.R. = N.A.
S.E. RUNOFF = N.A.
P.C. STA. = 321+76.50
P.T. STA. = 323+51.09



REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	06/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

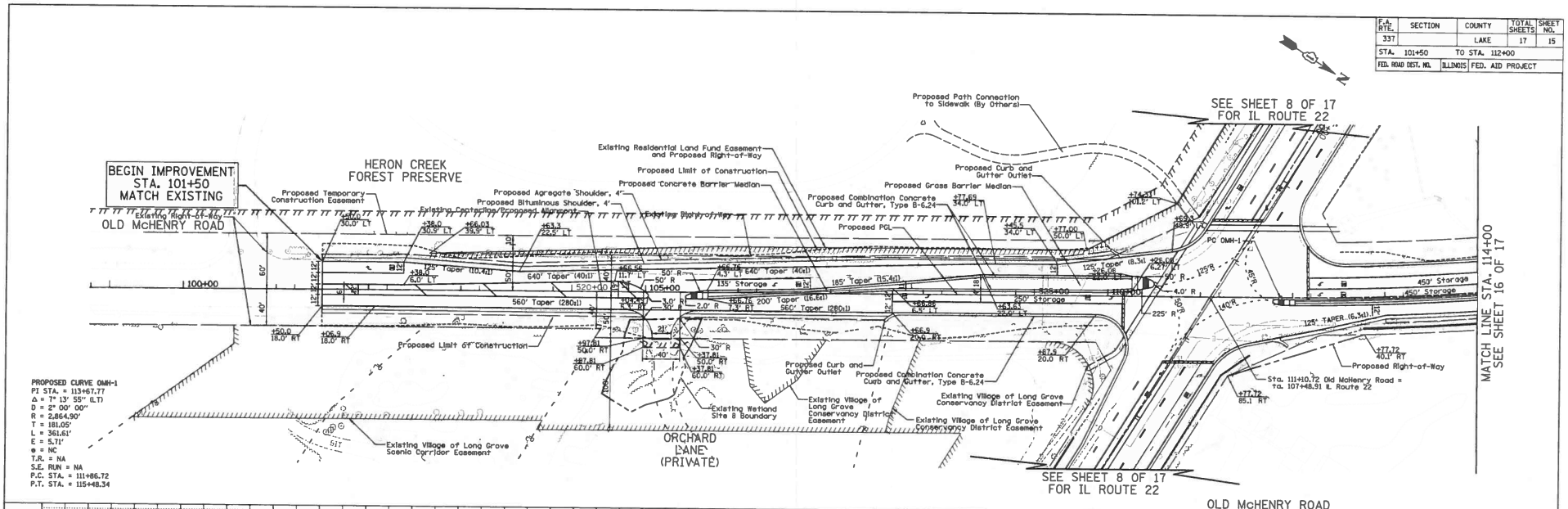
RECOMMENDED PLAN AND PROFILE
SOUTH KRUEGER ROAD/ CORPORATE DRIVE

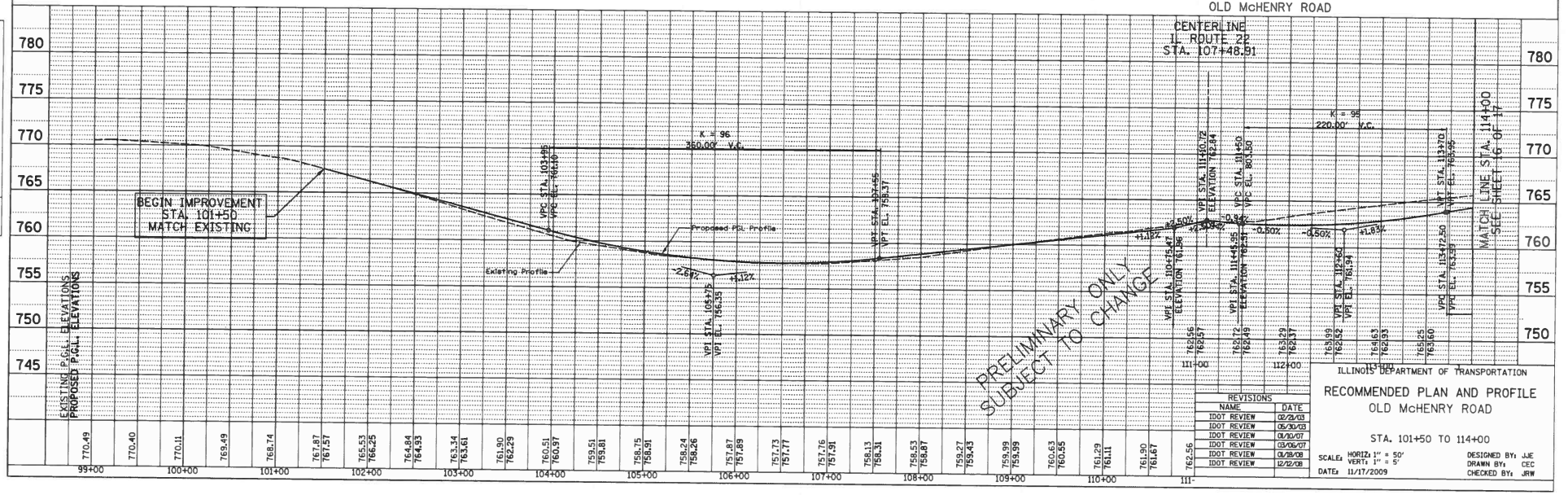
STA. 312+50 TO 324+00

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'
DATE: 11/17/2009

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	15
STA. 101+50		TO STA. 112+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/31/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/28/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
OLD McHENRY ROAD

STA. 101+50 TO 114+00

SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'

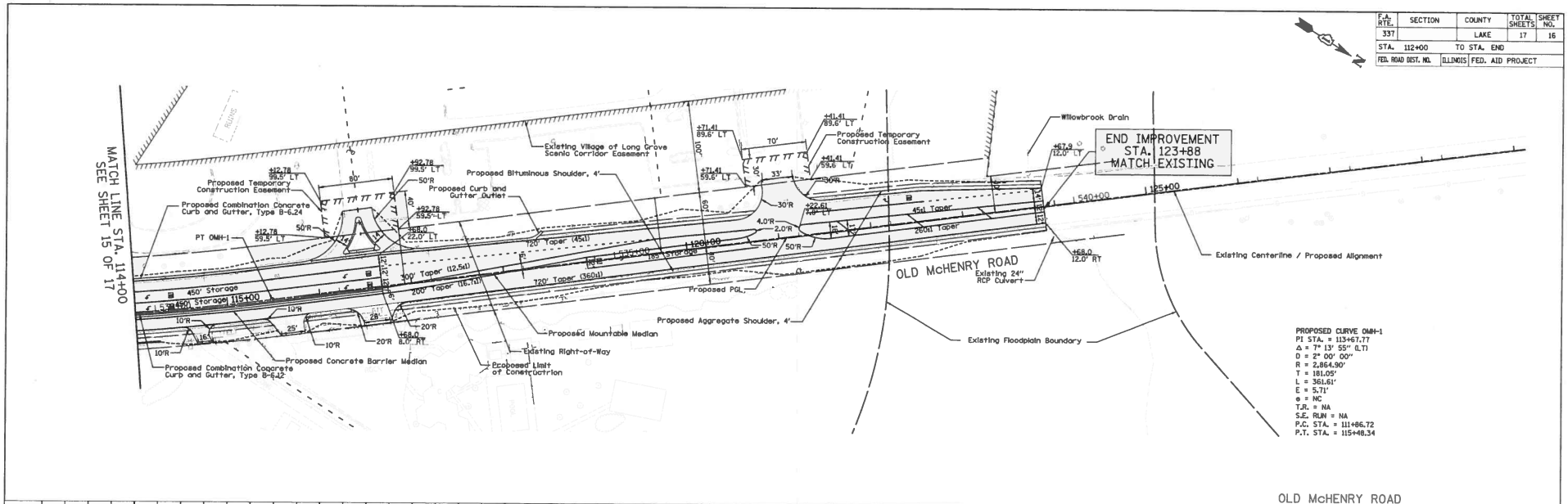
DATE: 11/17/2009

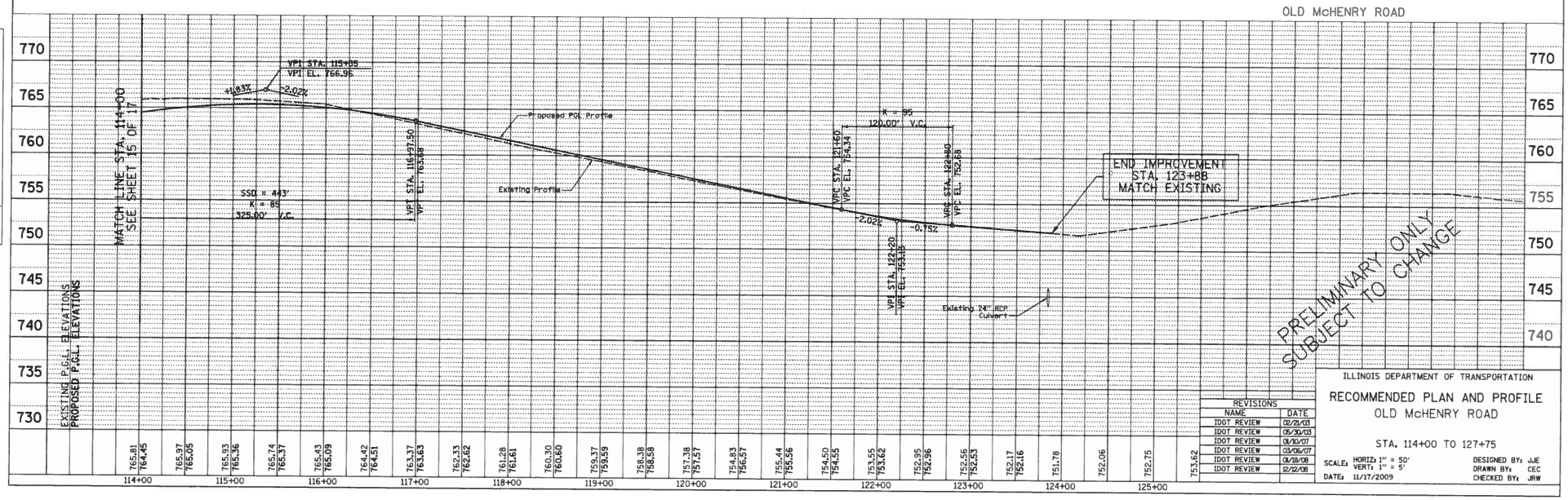
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

PLAN — SURVEYED / PLOTTED / DESIGNED / CHECKED / R.O.W. / BL. CHECKED / HYD. FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / DESIGNED / CHECKED / R.O.W. / BL. CHECKED / HYD. FILE NAME / NOTE BOOK NO. / BY / DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	16
STA. 112+00		TO STA. END		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/06/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
OLD McHENRY ROAD

STA. 114+00 TO 127+75

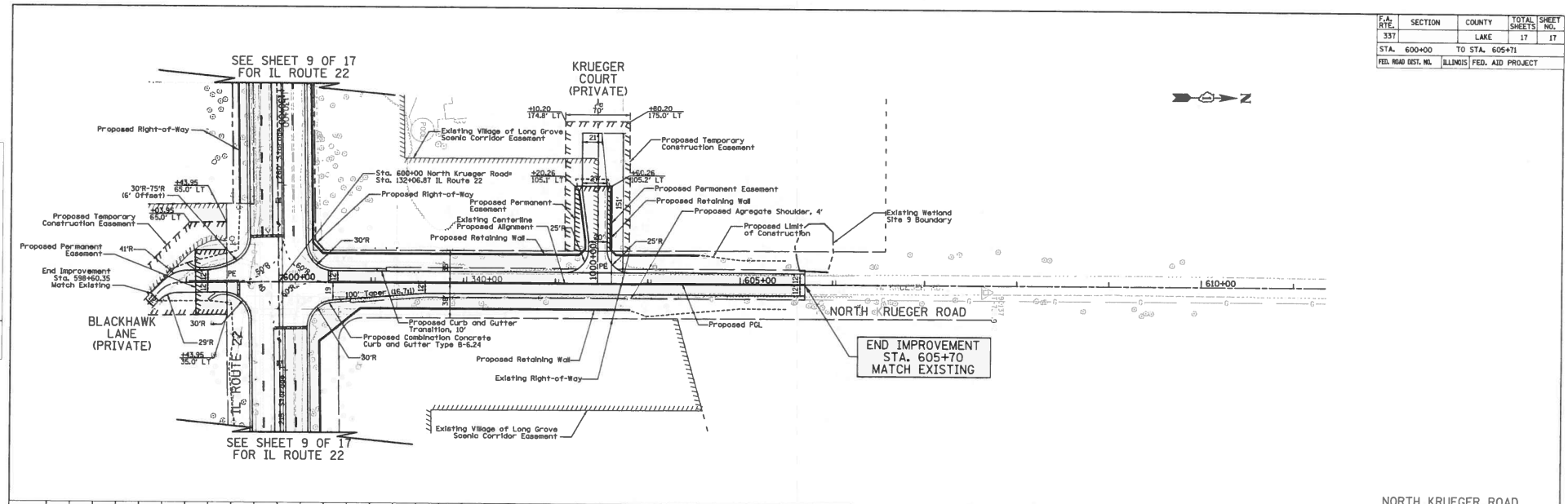
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
DATE: 11/17/2009

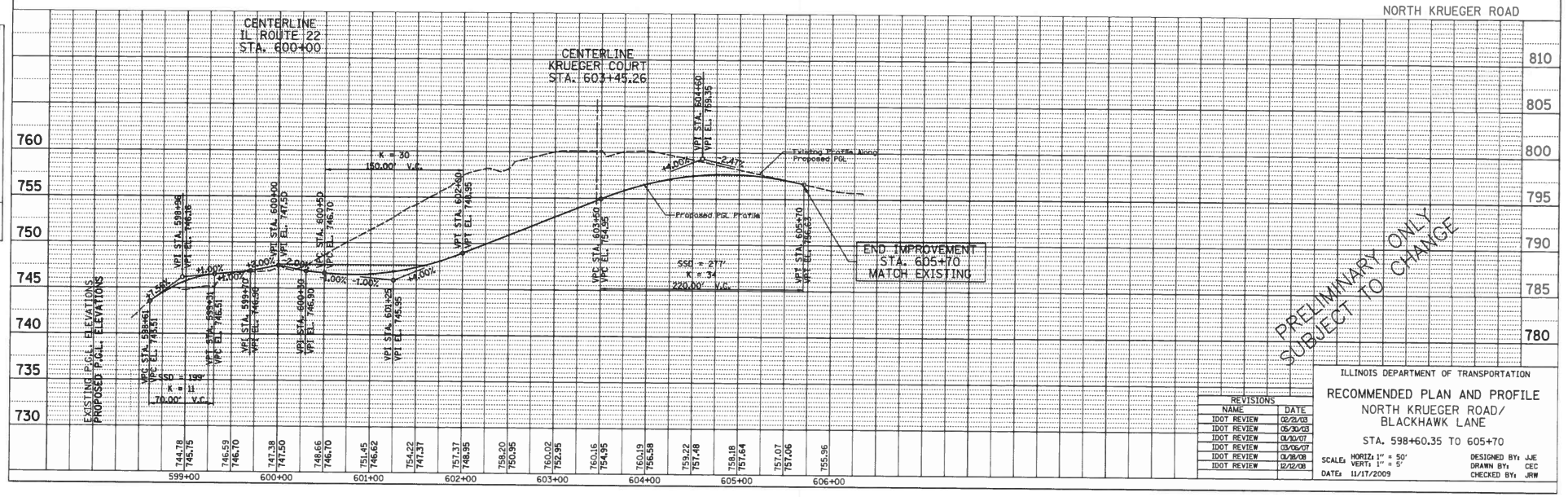
DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATYRS CHKD
BY
DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337		LAKE	17	17
STA. 600+00		TO STA. 605+71		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE
IDOT REVIEW	02/21/03
IDOT REVIEW	05/30/03
IDOT REVIEW	01/10/07
IDOT REVIEW	03/05/07
IDOT REVIEW	01/18/08
IDOT REVIEW	12/12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOMMENDED PLAN AND PROFILE
NORTH KRUEGER ROAD/ BLACKHAWK LANE

STA. 598+60.35 TO 605+70

SCALE: HORIZ: 1" = 50' VERT: 1" = 5'

DATE: 11/17/2009

DESIGNED BY: JJE
DRAWN BY: CEC
CHECKED BY: JRW