

**INDEX OF SHEETS**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

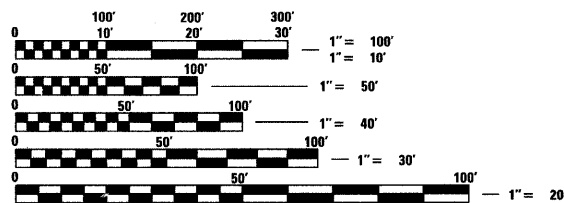
DAN RYAN EXPRESSWAY:	ADT (2010)	DESIGN SPEED	POSTED SPEED
NB I-94 (DAN RYAN)	151,806	60 MPH	55 MPH
SB I-94 (DAN RYAN)	140,500	60 MPH	55 MPH
NB I-94 (BISHOP FORD)	94,200	60 MPH	55 MPH
NB I-57	58,000	60 MPH	55 MPH
SB I-57	69,390	60 MPH	55 MPH
NB 75TH STREET C-D ENTRANCE RAMP	11,300	45 MPH	40 MPH
SB 75TH STREET C-D EXIT RAMP	7,985	45 MPH	40 MPH
NB 71ST STREET C-D EXIT RAMP	6,600	45 MPH	40 MPH
SB 71ST STREET C-D ENTRANCE RAMP	9,145	45 MPH	40 MPH
SB WENTWORTH AVENUE EXIT RAMP	4,770	45 MPH	40 MPH

MAJOR CROSS STREETS AND FRONTAGE ROADS:	ADT	POSTED SPEED
E. 95TH STREET	23,800	30 MPH
W. 95TH STREET	23,800	30 MPH
E. 75TH STREET	17,700	30 MPH
E. 71ST STREET	10,500	30 MPH
W. 71ST STREET	15,600	30 MPH
S. STATE STREET	15,100	30 MPH
S. LAFAYETTE AVENUE	6,800	30 MPH

**DESCRIPTION OF PROJECT**

INSTALLATION OF FENCING ON FLUTED KNEE WALLS AND AT OTHER LOCATIONS WITHIN THE PROJECT LIMITS.

PROJECT LOCATED IN THE CITY OF CHICAGO



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES; REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED

DIGGER:  
CHICAGO UTILITY ALERT NETWORK  
(312) 744-7000

CTA CONTACT:  
DAVID HEARD,  
MANAGER, CONSTRUCTION  
MANAGEMENT OVERSIGHT  
(312) 681-3862

**CONTRACT NO. 60A07**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED HIGHWAY PLANS**

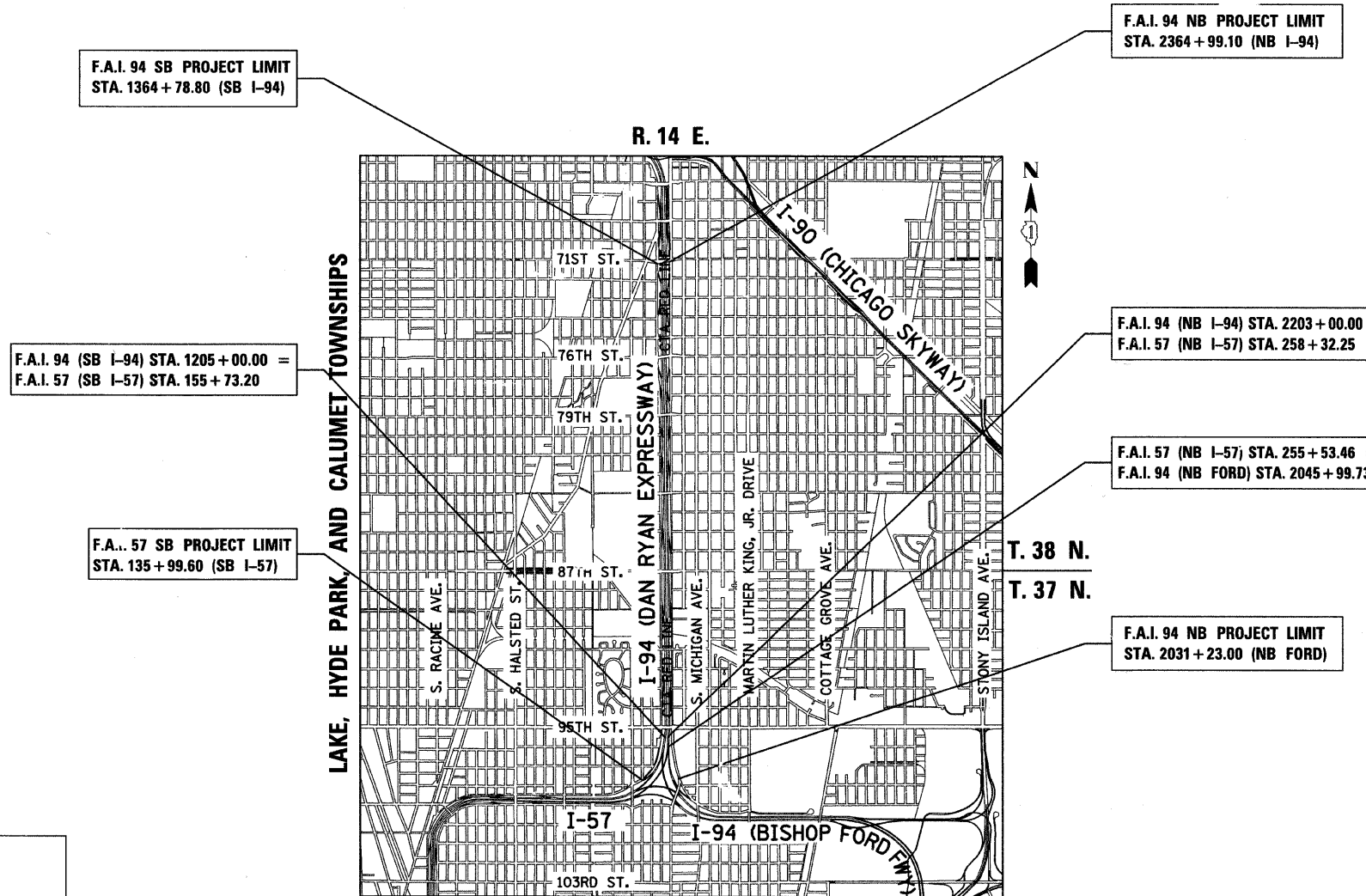
F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)

SECTION 2005-036 I

INSTALLATION OF FENCING AND GATES ON FLUTED  
KNEE WALLS AND OTHER LOCATIONS FROM I-57 TO 71ST STREET

COOK COUNTY

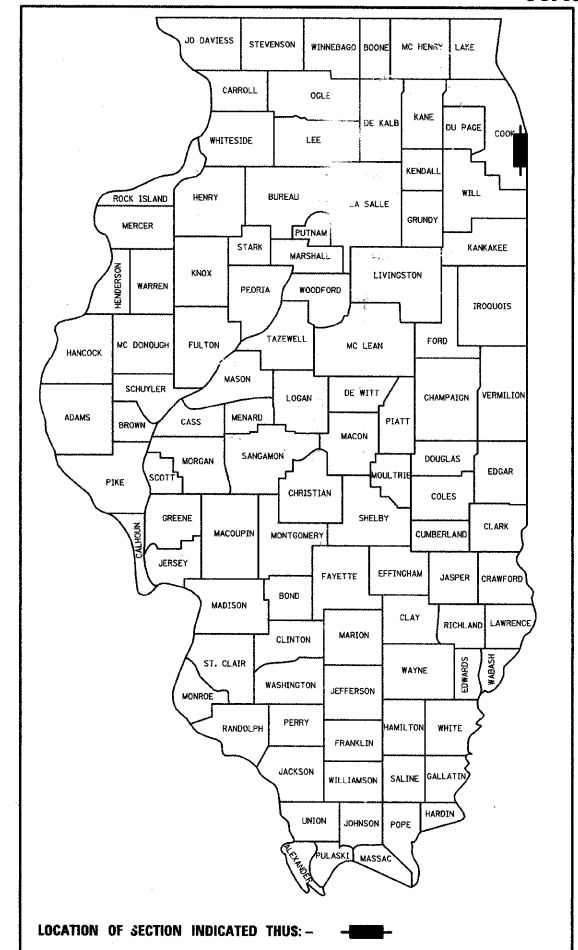
C-91-265-05



LOCATION MAP

0 1/2 MILE 1 MILE  
GROSS LENGTH OF PROJECT = 35,907.02 FT. = 6.80 MI.  
MAP SCALE: 1" = 1/2 MILE  
NET LENGTH OF PROJECT = 35,907.02 FT. = 6.80 MI.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	1
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			D-91-265-05 60A07	



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 11, 2009

*Diane M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 26, 2009  
*Charles G. Ingersoll*  
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2009  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**CONTRACT 39**

Signed *Dean A. Kiesel*  
32957 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS  
Expires 11-30-2009  
Date FEBRUARY 10, 2009

**TYLIN INTERNATIONAL**  
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DISTRICT ONE DESIGN / PROJECT MANAGER:  
BRIAN KUTTAB (847) 705 - 4431

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	2
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

60A07

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, INDEX OF STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES
4	LOCATION PLAN - FLUTED KNEE WALLS
5-15	ALIGNMENT PLANS AND SURVEY TIES FOR CONTROL POINTS
16-19	PROPOSED PLANS ALONG STATE STREET FROM 98TH TO 95TH ST. NB FORD STA. 2030+00 TO NB RYAN STA. 2206+00
20-24	PROPOSED PLANS NB I-94 (DAN RYAN) STA. 2338+50.00 TO STA. 2366+00.00 - CONTRACT 25F LOCATION
25-28	PROPOSED PLANS SB I-57 STA. 131+64.14 TO STA. 156+00.00 - CONTRACT 26A LOCATION
29-32	PROPOSED PLANS SB I-94 (DAN RYAN) STA. 1344+00.00 TO STA. 1366+00.00 - CONTRACT 26F LOCATION
33	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL) DETAILS
34	FENCE MOUNTED ON CONCRETE PAD AND MISCELLANEOUS FENCING DETAILS
35	RELOCATE EXISTING SIGN PANEL, SPECIAL DETAILS
36-37	CHAIN LINK GATE (SPECIAL) DETAILS
38-41	CHAIN LINK GATE ASSEMBLY (SPECIAL) PLAN, NOTES, ELEVATIONS, SECTIONS, AND DETAILS
42	TC-10 DIST 1, TRAFFIC CONTROL AND PROTECTION SPECIAL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
43	TC-17 DIST 1, TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
44	TC-18 DIST 1, SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
45	TC-22 DIST 1, ARTERIAL ROAD INFORMATION SIGN

**INDEX OF STATE STANDARDS**

STANDARD NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
664001-02	CHAIN LINK FENCE
701456	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON IDOT PROPERTY WITHOUT WRITTEN PERMISSION FROM IDOT.
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
3. NIGHT OPERATIONS SHALL NOT BE ALLOWED.
4. ALL ELEVATIONS SHOWN ARE BASED ON THE CHICAGO CITY DATUM OF 0.00, WHICH IS 579.19 FEET ABOVE MEAN TIDE NEW YORK. (NAVD 88)
5. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO GAP REMAINS BETWEEN PROPOSED FENCING OR WHERE PROPOSED FENCING TERMINATES AND EXISTING FENCE REMAINS IN PLACE. THE COST OF CLOSING THIS GAP SHALL BE INCLUDED WITH "CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)"
7. THIS CONTRACT INCLUDES THE INSTALLATION OF FENCE ON KNEE WALLS THAT ARE CONSTRUCTED IN (3) DIFFERENT CONTRACTS. SEE LOCATION PLAN FOR CONTRACT NUMBERS.
8. THE ENGINEER SHALL BE ALLOWED ACCESS TO THE FIELD OFFICE IN USE FOR KNEE WALL CONTRACT 62975 (25F).
9. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
10. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL THE CHICAGO UTILITY ALERT NETWORK AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT PERMIT SECTION AT (312) 747-7893 FOR WATER AND SEWER LOCATIONS.
11. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS. THE ENGINEER OR AN AUTHORIZED SURVEYOR AGENT WILL WITNESS OR OTHERWISE REFERENCE AND RESET MONUMENTS AS NECESSARY. ALL PROPERTY CORNERS EXCEPT THOSE WITHIN AREAS WHERE THE SCHEDULE, IF PROVIDED, SHOWS PLACEMENT OF R.O.W. MARKERS SHALL REMAIN UNDISTURBED.
12. THE LOCATIONS OF VARIOUS ITEMS SUCH AS PAVEMENT, RETAINING WALLS, AND DRAINAGE STRUCTURES BUILT IN CONTRACTS UNDER CONSTRUCTION DURING THESE PLANS IS BASED ON THE PUBLISHED CONTRACT PLAN DRAWINGS AVAILABLE DURING DESIGN.
13. A "BOXED" NOTE INDICATES AN ITEM OF WORK THAT IS NOT PAID FOR SEPARATELY, BUT IS PAID FOR AS PART OF ANOTHER ITEM LISTED IN THE SUMMARY OF QUANTITIES.
14. ALL EXISTING FENCE TO BE REMOVED SHALL REMAIN IN PLACE UNTIL THE PROPOSED FENCE HAS BEEN INSTALLED.

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**INDEX OF SHEETS, INDEX OF STATE  
 STANDARDS AND GENERAL NOTES**

SCALE: NONE      DRAWN BY: MAF, AMB  
 DATE: FEBRUARY 13, 2009      CHECKED BY: TGB, MI

1/19/2009 11:46:41 AM

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN	100% STATE
			QUANTITY	SFTY-4A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	516	516
20100210	TREE REMOVAL (>15 UNITS DIAMETER)	UNIT	72	72
20101000	TEMPORARY FENCE	FOOT	91	91
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25100630	EROSION CONTROL BLANKET	SQ YD	643	643
28000510	INLET FILTERS	EACH	14	14
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5719	5719
44004250	PAVED SHOULDER REMOVAL	SQ YD	143	143
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2
66400560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	2019	2019
66410700	CHAIN LINK GATES (SPECIAL)	EACH	7	7
67100100	MOBILIZATION	L SUM	1	1
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
X0326311	RELOCATE EXISTING SIGN PANEL (SPECIAL)	EACH	25	25
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	52	52
X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	5566	5566
X6640500	CHAIN LINK GATE ASSEMBLY (SPECIAL)	EACH	3	3
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0022800	FENCE REMOVAL	FOOT	7143	7143

TREE REMOVAL (6 TO 15 UNITS)

LOCATION			TREE REM 6-15 (UNIT)
ALIGNMENT	STATION	OFFSET	
NB I-94 (BISHOP FORD FWY)	2032+96.9	177.8' RT	12
NB I-94 (BISHOP FORD FWY)	2033+03.1	181.0' RT	12
NB I-94 (BISHOP FORD FWY)	2033+52.2	192.9' RT	12
NB I-94 (BISHOP FORD FWY)	2033+52.2	192.9' RT	10
NB I-94 (BISHOP FORD FWY)	2033+52.2	192.9' RT	10
NB I-94 (BISHOP FORD FWY)	2033+68.2	196.8' RT	12
NB I-94 (BISHOP FORD FWY)	2033+68.2	196.8' RT	10
NB I-94 (BISHOP FORD FWY)	2033+68.2	196.8' RT	8
NB I-94 (BISHOP FORD FWY)	2034+11.8	197.1' RT	6
NB I-94 (BISHOP FORD FWY)	2034+11.8	197.1' RT	6
NB I-94 (BISHOP FORD FWY)	2034+11.8	197.1' RT	6
NB I-94 (BISHOP FORD FWY)	2034+30.7	201.2' RT	10
NB I-94 (BISHOP FORD FWY)	2034+30.7	201.2' RT	8
NB I-94 (BISHOP FORD FWY)	2034+66.7	200.5' RT	8
NB I-94 (BISHOP FORD FWY)	2034+73.9	180.8' RT	12
NB I-94 (BISHOP FORD FWY)	2035+21.2	202.8' RT	6
NB I-94 (BISHOP FORD FWY)	2035+21.2	202.8' RT	12
NB I-94 (BISHOP FORD FWY)	2036+08.4	204.4' RT	12
NB I-94 (BISHOP FORD FWY)	2036+08.4	204.4' RT	10
NB I-94 (BISHOP FORD FWY)	2036+08.4	204.4' RT	8
NB I-94 (BISHOP FORD FWY)	2036+08.4	204.4' RT	8
NB I-94 (BISHOP FORD FWY)	2038+42.8	186.9' RT	10
NB I-94 (BISHOP FORD FWY)	2038+42.8	186.9' RT	6
NB I-94 (BISHOP FORD FWY)	2038+64.8	183.6' RT	12
NB I-94 (BISHOP FORD FWY)	2038+64.8	183.6' RT	10
NB I-94 (BISHOP FORD FWY)	2038+64.8	183.6' RT	8
NB I-94 (BISHOP FORD FWY)	2038+64.8	183.6' RT	6
NB I-94 (BISHOP FORD FWY)	2038+74.6	182.1' RT	14

TREE REMOVAL (6 TO 15 UNITS) (CONTINUED)

LOCATION			TREE REM 6-15 (UNIT)
ALIGNMENT	STATION	OFFSET	
NB I-94 (BISHOP FORD FWY)	2038+74.6	182.1' RT	14
NB I-94 (BISHOP FORD FWY)	2039+11.3	176.4' RT	10
NB I-94 (BISHOP FORD FWY)	2039+11.3	176.4' RT	10
NB I-94 (BISHOP FORD FWY)	2039+26.3	172.8' RT	8
NB I-94 (BISHOP FORD FWY)	2039+26.3	172.8' RT	8
NB I-94 (BISHOP FORD FWY)	2040+40.3	150.7' RT	8
NB I-94 (BISHOP FORD FWY)	2040+64.2	144.4' RT	12
NB I-94 (BISHOP FORD FWY)	2040+64.2	144.4' RT	8
NB I-94 (BISHOP FORD FWY)	2040+64.2	144.4' RT	6
NB I-94 (BISHOP FORD FWY)	2040+87.8	138.8' RT	10
NB I-94 (BISHOP FORD FWY)	2040+87.8	138.8' RT	8
NB I-94 (BISHOP FORD FWY)	2041+08.8	133.5' RT	8
NB I-94 (BISHOP FORD FWY)	2041+08.8	133.5' RT	8
NB I-94 (BISHOP FORD FWY)	2041+08.8	133.5' RT	6
NB I-94 (BISHOP FORD FWY)	2041+25.1	129.9' RT	6
NB I-94 (BISHOP FORD FWY)	2041+25.1	129.9' RT	6
NB I-94 (BISHOP FORD FWY)	2041+25.1	129.9' RT	6
NB I-94 (BISHOP FORD FWY)	2041+38.0	127.3' RT	12
NB I-94 (BISHOP FORD FWY)	2041+49.1	124.7' RT	8
NB I-94 (BISHOP FORD FWY)	2041+49.1	124.7' RT	8
NB I-94 (BISHOP FORD FWY)	2041+49.1	124.7' RT	8
NB I-94 (BISHOP FORD FWY)	2041+49.1	124.7' RT	6
NB I-94 (BISHOP FORD FWY)	2041+64.9	121.1' RT	6
NB I-94 (BISHOP FORD FWY)	2041+93.0	113.4' RT	14
NB I-94 (BISHOP FORD FWY)	2042+02.7	112.5' RT	12
NB I-94 (BISHOP FORD FWY)	2042+02.7	112.5' RT	12
NB I-94 (BISHOP FORD FWY)	2042+09.7	112.0' RT	12
TOTAL			516

TREE REMOVAL (>15 UNITS)

LOCATION			TREE REM >15 (UNIT)
ALIGNMENT	STATION	OFFSET	
NB I-94 (BISHOP FORD FWY)	2040+64.2	144.4' RT	18
NB I-94 (BISHOP FORD FWY)	2041+77.0	117.9' RT	18
NB I-94 (BISHOP FORD FWY)	2041+81.4	117.6' RT	18
NB I-94 (BISHOP FORD FWY)	2045+43.6	74.3' RT	18
TOTAL			72

TYLIN INTERNATIONAL

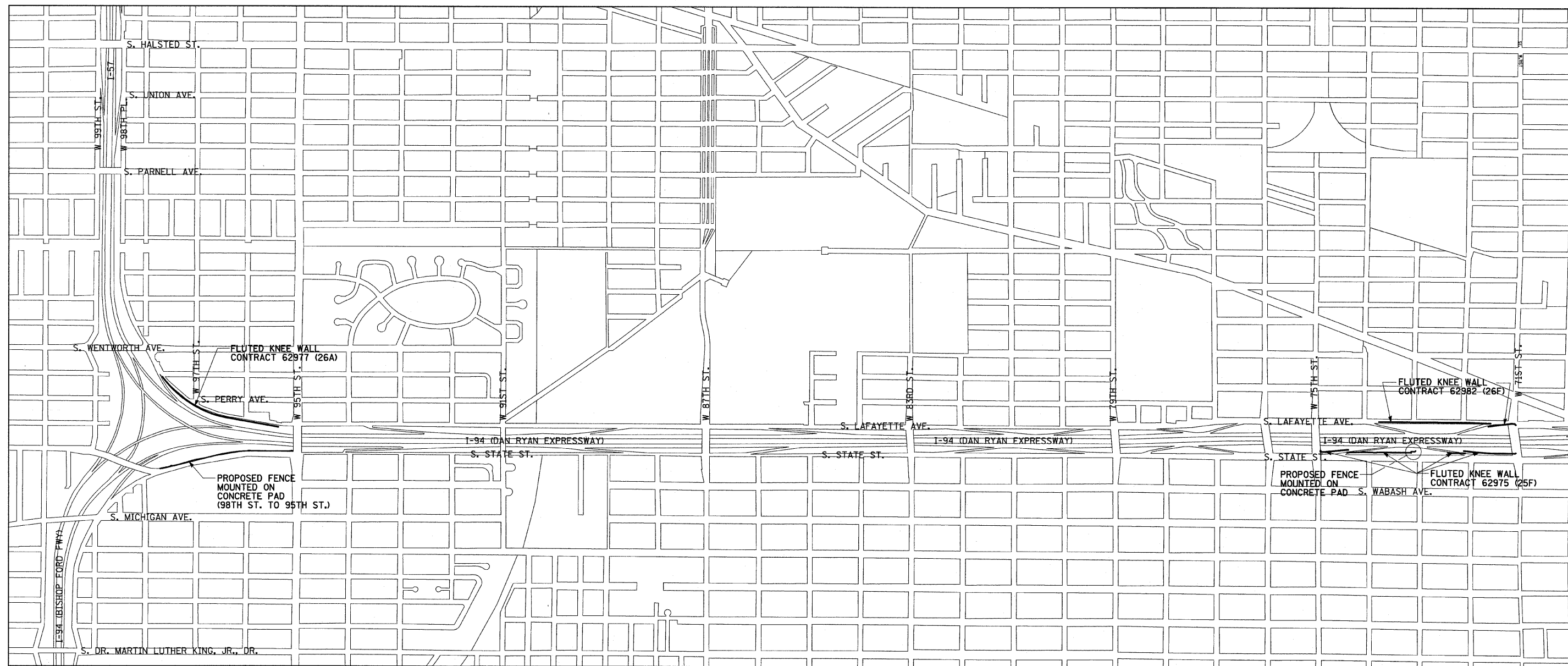
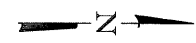
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES**  
 SCALE: NONE      DRAWN BY: MAF, AMB  
 DATE: FEBRUARY 13, 2009      CHECKED BY: TGB, MI

60A07  
 11/14/09  
 3/10/09

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	4
STA. 135+95.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07



**TYLIN**INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LOCATION PLAN**  
**FLUTED KNEE WALLS**

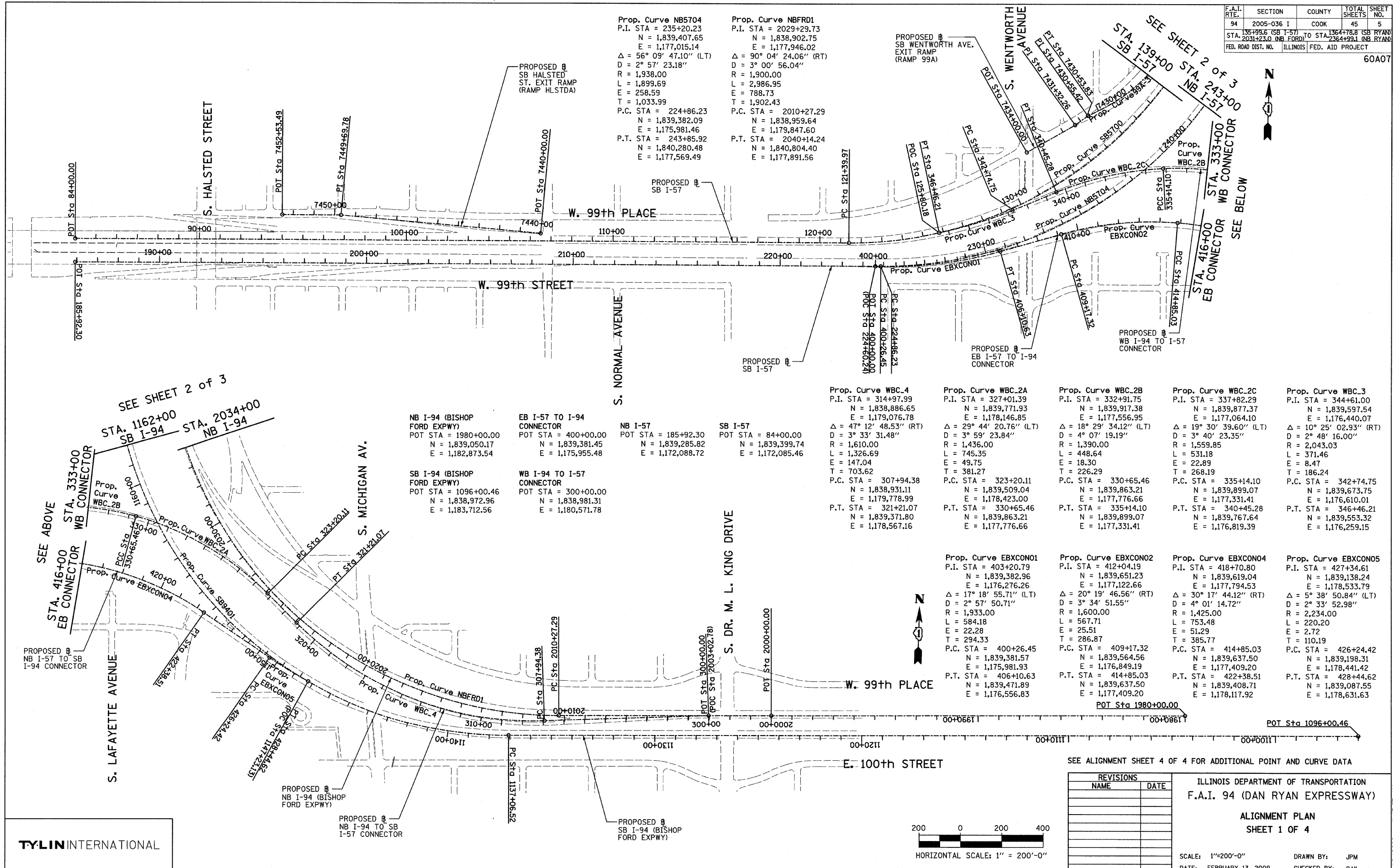
SCALE: NOT TO SCALE      DRAWN BY: MAF, AMB  
DATE: FEBRUARY 13, 2009      CHECKED BY: TGB, MI

3/19/2009 11:54:26 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	5
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

60A07



Prop. Curve NB5704  
P.I. STA = 235+20.23  
N = 1,839,407.65  
E = 1,177,015.14  
 $\Delta = 56^\circ 09' 47.10''$  (LT)  
D = 2° 57' 23.18"  
R = 1,938.00  
L = 1,899.69  
E = 258.59  
T = 1,033.99  
P.C. STA = 224+86.23  
N = 1,839,382.09  
E = 1,175,981.46  
P.T. STA = 243+85.92  
N = 1,840,280.48  
E = 1,177,569.49

Prop. Curve NBFDR1  
P.I. STA = 2029+29.73  
N = 1,838,902.75  
E = 1,177,946.02  
 $\Delta = 90^\circ 04' 24.06''$  (RT)  
D = 3° 00' 56.04"  
R = 1,900.00  
L = 2,986.95  
E = 788.73  
T = 1,902.43  
P.C. STA = 2010+27.29  
N = 1,838,959.64  
E = 1,179,847.60  
P.T. STA = 2040+14.24  
N = 1,840,804.40  
E = 1,177,891.56

NB I-94 (BISHOP FORD EXPWY)  
POT STA = 1980+00.00  
N = 1,839,050.17  
E = 1,182,873.54

EB I-57 TO I-94 CONNECTOR  
POT STA = 400+00.00  
N = 1,839,381.45  
E = 1,175,955.48

NB I-57  
POT STA = 185+92.30  
N = 1,839,285.82  
E = 1,172,088.72

SB I-57  
POT STA = 84+00.00  
N = 1,839,399.74  
E = 1,172,085.46

SB I-94 (BISHOP FORD EXPWY)  
POT STA = 1096+00.46  
N = 1,838,972.96  
E = 1,183,712.56

WB I-94 TO I-57 CONNECTOR  
POT STA = 300+00.00  
N = 1,838,981.31  
E = 1,180,571.78

Prop. Curve WBC\_4  
P.I. STA = 314+97.99  
N = 1,838,886.65  
E = 1,179,076.78  
 $\Delta = 47^\circ 12' 48.53''$  (RT)  
D = 3° 33' 31.48"  
R = 1,610.00  
L = 1,326.69  
E = 147.04  
T = 703.62  
P.C. STA = 307+94.38  
N = 1,838,931.11  
E = 1,179,778.99  
P.T. STA = 321+21.07  
N = 1,839,371.80  
E = 1,178,567.16

Prop. Curve WBC\_2A  
P.I. STA = 327+01.39  
N = 1,839,917.38  
E = 1,178,146.85  
 $\Delta = 29^\circ 44' 20.76''$  (LT)  
D = 3° 59' 23.84"  
R = 1,436.00  
L = 745.35  
E = 49.75  
T = 226.29  
P.C. STA = 323+20.11  
N = 1,839,509.04  
E = 1,178,423.00  
P.T. STA = 330+65.46  
N = 1,839,863.21  
E = 1,177,776.66

Prop. Curve WBC\_2B  
P.I. STA = 332+91.75  
N = 1,839,917.38  
E = 1,177,556.95  
 $\Delta = 18^\circ 29' 34.12''$  (LT)  
D = 4° 07' 19.19"  
R = 1,390.00  
L = 448.64  
E = 18.30  
T = 226.29  
P.C. STA = 330+65.46  
N = 1,839,863.21  
E = 1,177,776.66  
P.T. STA = 335+14.10  
N = 1,839,899.07  
E = 1,177,331.41

Prop. Curve WBC\_2C  
P.I. STA = 337+82.29  
N = 1,839,877.37  
E = 1,177,064.10  
 $\Delta = 19^\circ 30' 39.60''$  (LT)  
D = 3° 40' 23.35"  
R = 1,559.85  
L = 531.18  
E = 22.89  
T = 186.19  
P.C. STA = 335+14.10  
N = 1,839,899.07  
E = 1,177,331.41  
P.T. STA = 340+45.28  
N = 1,839,767.64  
E = 1,176,819.39

Prop. Curve WBC\_3  
P.I. STA = 344+61.00  
N = 1,839,597.54  
E = 1,176,440.07  
 $\Delta = 10^\circ 25' 02.93''$  (RT)  
D = 2° 48' 16.00"  
R = 2,043.03  
L = 371.46  
E = 8.47  
T = 186.24  
P.C. STA = 342+74.75  
N = 1,839,673.75  
E = 1,176,610.01  
P.T. STA = 346+46.21  
N = 1,839,553.32  
E = 1,176,259.15

Prop. Curve EBXC0N01  
P.I. STA = 403+20.79  
N = 1,839,382.96  
E = 1,176,276.26  
 $\Delta = 17^\circ 18' 55.71''$  (LT)  
D = 2° 57' 50.71"  
R = 1,933.00  
L = 584.18  
E = 22.28  
T = 294.33  
P.C. STA = 400+26.45  
N = 1,839,381.57  
E = 1,175,981.93  
P.T. STA = 406+10.63  
N = 1,839,471.89  
E = 1,176,556.83

Prop. Curve EBXC0N02  
P.I. STA = 412+04.19  
N = 1,839,651.23  
E = 1,177,122.66  
 $\Delta = 20^\circ 19' 46.56''$  (RT)  
D = 3° 34' 51.55"  
R = 1,600.00  
L = 753.48  
E = 25.51  
T = 385.77  
P.C. STA = 409+17.32  
N = 1,839,564.56  
E = 1,176,849.19  
P.T. STA = 414+85.03  
N = 1,839,637.50  
E = 1,177,409.20

Prop. Curve EBXC0N04  
P.I. STA = 418+70.80  
N = 1,839,619.04  
E = 1,177,794.53  
 $\Delta = 30^\circ 17' 44.12''$  (RT)  
D = 4° 01' 14.72"  
R = 1,425.00  
L = 753.48  
E = 51.29  
T = 385.77  
P.C. STA = 414+85.03  
N = 1,839,637.50  
E = 1,177,409.20  
P.T. STA = 422+38.51  
N = 1,839,408.71  
E = 1,178,117.92

Prop. Curve EBXC0N05  
P.I. STA = 427+34.61  
N = 1,839,138.24  
E = 1,178,533.79  
 $\Delta = 5^\circ 38' 50.84''$  (LT)  
D = 2° 33' 52.98"  
R = 2,234.00  
L = 220.20  
E = 2.72  
T = 110.19  
P.C. STA = 426+24.42  
N = 1,839,198.31  
E = 1,178,441.42  
P.T. STA = 428+44.62  
N = 1,839,087.55  
E = 1,178,631.63

SEE SHEET 2 of 3  
STA. 1162+00 SB I-94  
STA. 2034+00 NB I-94

SEE ABOVE  
STA. 333+00 WB CONNECTOR  
STA. 416+00 EB CONNECTOR

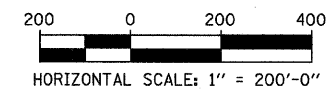
SEE SHEET 2 of 3  
STA. 139+00 SB I-57  
STA. 243+00 NB I-57  
STA. 333+00 WB CONNECTOR  
STA. 416+00 EB CONNECTOR  
SEE BELOW

SEE ALIGNMENT SHEET 4 OF 4 FOR ADDITIONAL POINT AND CURVE DATA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
ALIGNMENT PLAN  
SHEET 1 OF 4

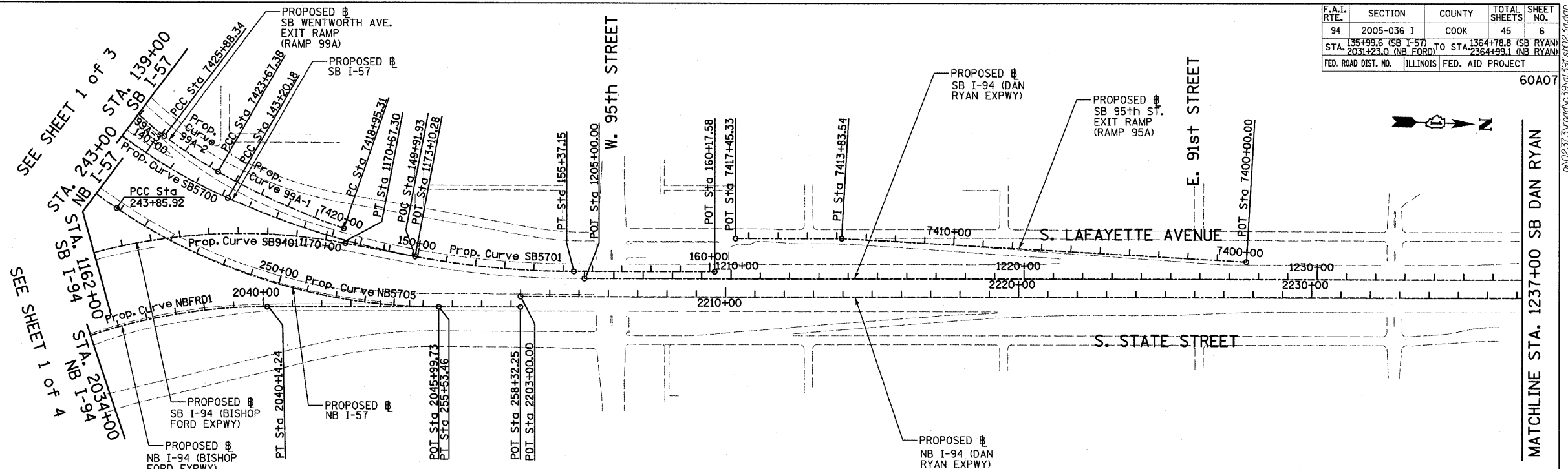
SCALE: 1"=200'-0"  
DATE: FEBRUARY 13, 2009  
DRAWN BY: JPM  
CHECKED BY: DAK



TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	6
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN EXPWY)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN EXPWY)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07



**Prop. Curve SB5700**  
 P.I. STA = 133+70.06  
 N = 1,839,521.70  
 E = 1,177,054.03  
 $\Delta = 66^\circ 11' 55.15''$  (LT)  
 $D = 3^\circ 02' 10.83''$   
 R = 1,887.00  
 L = 2,180.21  
 E = 365.53  
 T = 1,230.09  
 P.C. STA = 121+39.97  
 N = 1,839,491.52  
 E = 1,175,824.31  
 P.T. STA = 143+20.18  
 N = 1,840,659.02  
 E = 1,177,522.68

**Prop. Curve SB5701**  
 P.I. STA = 149+37.75  
 N = 1,841,230.00  
 E = 1,177,757.97  
 $\Delta = 24^\circ 02' 07.49''$  (LT)  
 $D = 1^\circ 58' 30.13''$   
 R = 2,901.00  
 L = 1,216.96  
 E = 65.01  
 T = 617.56  
 P.C. STA = 143+20.18  
 N = 1,840,659.02  
 E = 1,177,522.68  
 P.T. STA = 155+37.15  
 N = 1,841,847.31  
 E = 1,177,740.29

**Prop. Curve NB5705**  
 P.I. STA = 249+87.51  
 N = 1,840,788.31  
 E = 1,177,892.02  
 $\Delta = 34^\circ 03' 37.98''$  (LT)  
 $D = 2^\circ 55' 02.28''$   
 R = 1,964.00  
 L = 1,167.54  
 E = 90.07  
 T = 601.59  
 P.C. STA = 243+85.92  
 N = 1,840,280.48  
 E = 1,177,569.49  
 P.T. STA = 255+53.46  
 N = 1,841,389.65  
 E = 1,177,874.80

**Prop. Curve SB9401**  
 P.I. STA = 1160+15.97  
 N = 1,838,783.95  
 E = 1,177,299.83  
 $\Delta = 100^\circ 48' 58.07''$  (RT)  
 $D = 2^\circ 59' 59.20''$   
 R = 1,910.00  
 L = 3,360.79  
 E = 1,086.95  
 T = 2,309.46  
 P.C. STA = 1137+06.52  
 N = 1,838,851.99  
 E = 1,179,608.28  
 P.T. STA = 1170+67.30  
 N = 1,841,064.16  
 E = 1,177,666.20

**SB I-94 (DAN RYAN EXPWY)**  
 POT STA = 1205+00.00  
 N = 1,841,884.04  
 E = 1,177,763.25

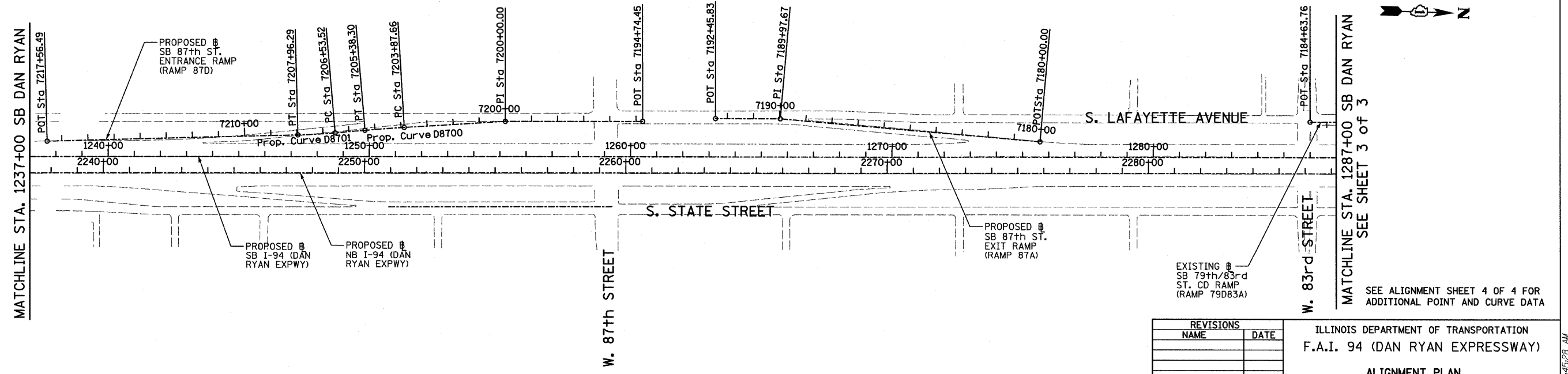
**SB I-57**  
 POT STA = 160+17.58  
 N = 1,842,327.55  
 E = 1,177,726.54

**SB I-94 (BISHOP FORD EXPWY)**  
 POT STA = 1173+10.28  
 N = 1,841,304.06  
 E = 1,177,704.74

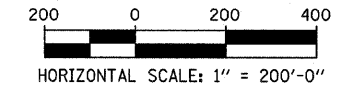
**NB I-57**  
 POT STA = 258+32.25  
 N = 1,841,668.33  
 E = 1,177,866.82

**NB I-94 (BISHOP FORD EXPWY)**  
 POT STA = 2045+99.73  
 N = 1,841,389.65  
 E = 1,177,874.80

**NB I-94 (DAN RYAN EXPWY)**  
 POT STA = 2203+00.00  
 N = 1,841,667.31  
 E = 1,177,830.83



TYLIN INTERNATIONAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

ALIGNMENT PLAN  
 SHEET 2 OF 4

SCALE: 1"=200'  
 DATE: FEBRUARY 13, 2009

DRAWN BY: JPM  
 CHECKED BY: DAK

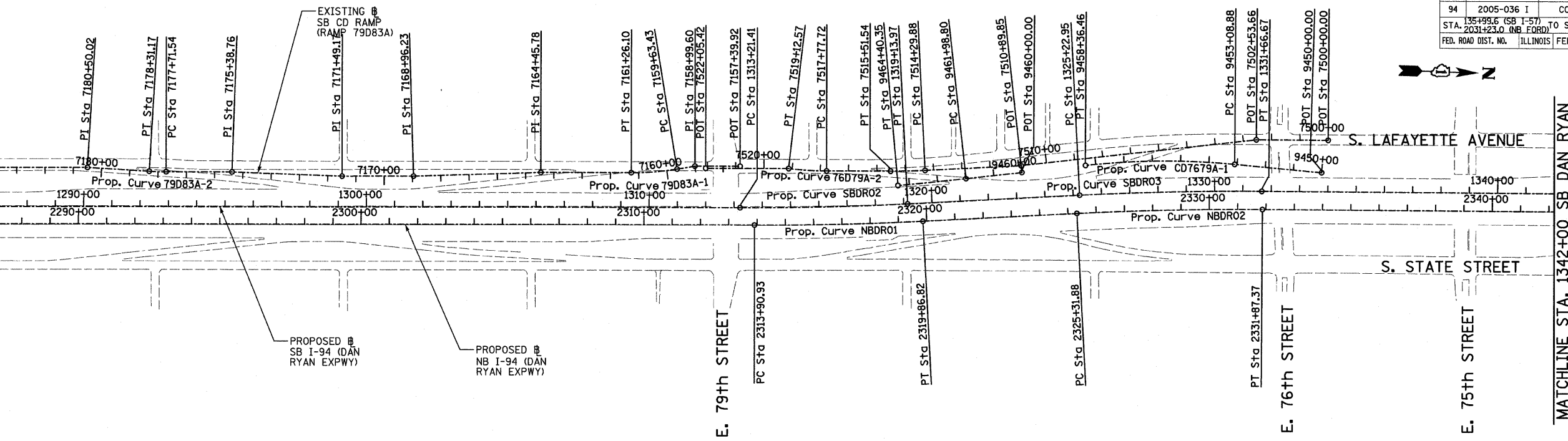
SEE ALIGNMENT SHEET 4 OF 4 FOR ADDITIONAL POINT AND CURVE DATA

3/19/2009 11:45:28 AM  
 P:\02-27-3\road\639\ajl\94\94\94023.dwg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	7
STA. 135+99.6 (SB I-94) TO STA. 1364+78.8 (SB RYAN)		TO STA. 2364+59.1 (NB RYAN)		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

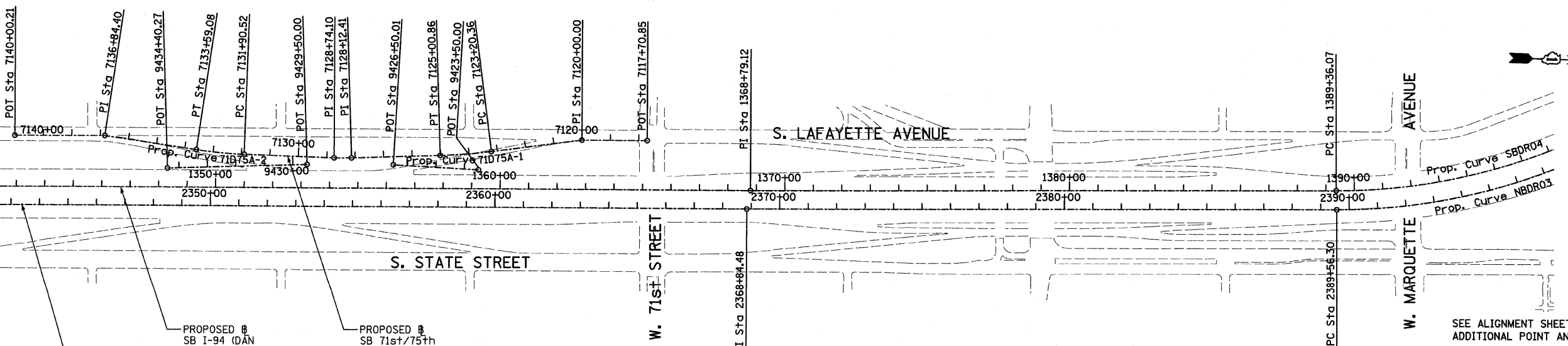
60A07

SEE SHEET 2 OF 3  
MATCHLINE STA. 1287+00 SB DAN RYAN



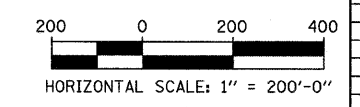
<b>Prop. Curve NBDRO1</b> P.I. STA = 2316+88.94 N = 1,853,051.58 E = 1,177,504.84 $\Delta = 2^\circ 58' 38.60''$ (LT) D = $0^\circ 29' 58.77''$ R = 11,467.00 L = 595.89 E = 3.87 T = 298.01 P.C. STA = 2313+90.93 N = 1,852,753.69 E = 1,177,513.37 P.T. STA = 2319+86.82 N = 1,853,348.62 E = 1,177,480.85	<b>Prop. Curve NBDRO2</b> P.I. STA = 2328+59.71 N = 1,854,218.69 E = 1,177,410.58 $\Delta = 3^\circ 16' 48.34''$ (RT) D = $0^\circ 30' 01.44''$ R = 11,450.00 L = 655.49 E = 4.69 T = 327.84 P.C. STA = 2325+31.88 N = 1,853,891.91 E = 1,177,436.97 P.T. STA = 2331+87.37 N = 1,854,546.43 E = 1,177,402.92	<b>Prop. Curve NBDRO3</b> P.I. STA = 2398+13.58 N = 1,861,170.38 E = 1,177,231.19 $\Delta = 44^\circ 36' 17.12''$ (LT) D = $2^\circ 44' 29.13''$ R = 2,090.00 L = 1,627.06 E = 168.99 T = 857.27 P.C. STA = 2389+56.30 N = 1,860,313.48 E = 1,177,256.19 P.T. STA = 2405+83.37 N = 1,861,762.92 E = 1,176,611.65	<b>Prop. Curve SBDR02</b> P.I. STA = 1316+17.76 N = 1,852,997.25 E = 1,177,445.02 $\Delta = 2^\circ 58' 38.60''$ (LT) D = $0^\circ 30' 08.86''$ R = 11,403.00 L = 592.56 E = 3.85 T = 296.35 P.C. STA = 1313+21.41 N = 1,852,701.02 E = 1,177,453.50 P.T. STA = 1319+13.97 N = 1,853,292.63 E = 1,177,421.16	<b>Prop. Curve SBDR03</b> P.I. STA = 1328+44.90 N = 1,854,220.54 E = 1,177,346.22 $\Delta = 3^\circ 16' 11.04''$ (RT) D = $0^\circ 30' 28.59''$ R = 11,280.00 L = 643.72 E = 4.59 T = 321.95 P.C. STA = 1325+22.95 N = 1,853,899.63 E = 1,177,372.14 P.T. STA = 1331+66.67 N = 1,854,542.40 E = 1,177,338.64	<b>Prop. Curve SBDR04</b> P.I. STA = 1397+75.78 N = 1,861,149.16 E = 1,177,163.97 $\Delta = 44^\circ 32' 58.56''$ (LT) D = $2^\circ 47' 41.70''$ R = 2,050.00 L = 1,593.95 E = 165.31 T = 839.71 P.C. STA = 1389+36.07 N = 1,860,309.83 E = 1,177,189.29 P.T. STA = 1405+30.02 N = 1,861,729.54 E = 1,176,557.11
---	---	---	---	---	---

MATCHLINE STA. 1342+00 SB DAN RYAN



SEE ALIGNMENT SHEET 4 OF 4 FOR ADDITIONAL POINT AND CURVE DATA

TYLIN INTERNATIONAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 ALIGNMENT PLAN  
 SHEET 3 OF 4  
 SCALE: 1"=200'  
 DATE: FEBRUARY 13, 2009  
 DRAWN BY: JPM  
 CHECKED BY: DAK

3/19/2009 11:45:28 AM

SB HALSTED ST.  
EXIT RAMP  
(RAMP HLSTDA)  
POT STA = 7440+00.00  
N = 1,839,490.94  
E = 1,174,333.70  
P.I. STA = 7449+69.78  
N = 1,839,551.73  
E = 1,173,365.83  
POT STA = 7452+53.49  
N = 1,839,544.76  
E = 1,173,082.20

SB WENTWORTH AVE.  
EXIT RAMP  
(RAMP 99A)  
POT STA = 7430+55.42  
N = 1,840,141.17  
E = 1,176,961.02  
POT STA = 7431+32.26  
N = 1,840,094.48  
E = 1,176,899.99  
POT STA = 7434+00.00  
N = 1,839,955.89  
E = 1,176,670.92

SB 95th ST. EXIT RAMP  
(RAMP 95A)  
POT STA = 7400+00.00  
N = 1,844,139.73  
E = 1,177,638.63  
P.I. STA = 7413+83.54  
N = 1,842,756.77  
E = 1,177,598.60  
POT STA = 7417+45.33  
N = 1,842,395.13  
E = 1,177,608.95

SB 87th ST.  
ENTRANCE RAMP  
(RAMP 87D)  
POT STA = 7194+74.45  
N = 1,847,424.06  
E = 1,177,468.58  
P.I. STA = 7200+00.00  
N = 1,846,898.74  
E = 1,177,484.09  
POT STA = 7217+56.49  
N = 1,845,147.17  
E = 1,177,609.78

SB 87th ST. EXIT RAMP  
(RAMP 87A)  
POT STA = 7180+00.00  
N = 1,848,946.30  
E = 1,177,501.00  
P.I. STA = 7189+97.67  
N = 1,847,950.35  
E = 1,177,442.53  
POT STA = 7192+45.83  
N = 1,847,702.29  
E = 1,177,449.63

Prop. Curve 99A-1  
P.I. STA = 7421+32.05  
N = 1,840,832.05  
E = 1,177,544.75  
 $\Delta = 10^\circ 49' 08.53''$  (RT)  
D = 2° 17' 30.59"  
R = 2,500.00  
L = 472.07  
E = 11.18  
T = 236.74  
P.C. STA = 7418+95.31  
N = 1,841,058.12  
E = 1,177,615.03  
P.T. STA = 7423+67.38  
N = 1,840,623.20  
E = 1,177,433.29

Prop. Curve 99A-2  
P.I. STA = 7424+78.02  
N = 1,840,525.59  
E = 1,177,381.20  
 $\Delta = 7^\circ 26' 49.68''$  (RT)  
D = 3° 22' 13.22"  
R = 1,700.00  
L = 220.96  
E = 3.60  
T = 110.64  
P.C. STA = 7423+67.38  
N = 1,840,623.20  
E = 1,177,433.29  
P.T. STA = 7425+88.34  
N = 1,840,435.56  
E = 1,177,316.90

Prop. Curve 99A-3  
P.I. STA = 7428+26.42  
N = 1,840,241.82  
E = 1,177,178.53  
 $\Delta = 29^\circ 38' 02.27''$  (RT)  
D = 6° 21' 58.31"  
R = 900.00  
L = 465.49  
E = 30.96  
T = 238.08  
P.C. STA = 7425+88.34  
N = 1,840,435.56  
E = 1,177,316.90  
P.T. STA = 7430+53.83  
N = 1,840,141.84  
E = 1,176,962.46

Prop. Curve D8700  
P.I. STA = 7204+62.99  
N = 1,846,437.54  
E = 1,177,524.69  
 $\Delta = 1^\circ 30' 03.72''$  (LT)  
D = 0° 59' 47.21"  
R = 5,750.00  
L = 150.64  
E = 0.49  
T = 75.32  
P.C. STA = 7203+87.66  
N = 1,846,512.58  
E = 1,177,518.09  
P.T. STA = 7205+38.30  
N = 1,846,362.71  
E = 1,177,533.26

Prop. Curve D8701  
P.I. STA = 7207+24.93  
N = 1,846,177.29  
E = 1,177,554.49  
 $\Delta = 3^\circ 27' 36.43''$  (RT)  
D = 2° 25' 25.25"  
R = 2,364.00  
L = 142.76  
E = 1.08  
T = 71.40  
P.C. STA = 7206+53.52  
N = 1,846,248.23  
E = 1,177,546.37  
P.T. STA = 7207+96.29  
N = 1,846,105.99  
E = 1,177,558.32

Prop. Curve 79D83A-1  
P.I. STA = 7160+44.94  
N = 1,852,394.55  
E = 1,177,340.32  
 $\Delta = 9^\circ 19' 12.90''$  (RT)  
D = 5° 43' 46.48"  
R = 1,000.00  
L = 162.67  
E = 3.32  
T = 81.51  
P.C. STA = 7159+63.43  
N = 1,852,474.58  
E = 1,177,324.82  
P.T. STA = 7161+26.10  
N = 1,852,313.07  
E = 1,177,342.65

Prop. Curve 79D83A-2  
P.I. STA = 7178+01.36  
N = 1,850,638.94  
E = 1,177,390.59  
 $\Delta = 3^\circ 24' 57.69''$  (RT)  
D = 5° 43' 46.48"  
R = 1,000.00  
L = 59.62  
E = 0.44  
T = 29.82  
P.C. STA = 7177+71.54  
N = 1,850,668.74  
E = 1,177,389.73  
P.T. STA = 7178+31.17  
N = 1,850,609.13  
E = 1,177,389.66

SB C-D RAMP  
(RAMP 79D83A)  
POT STA = 7157+39.92  
N = 1,852,696.86  
E = 1,177,308.11  
P.I. STA = 7158+99.60  
N = 1,852,537.24  
E = 1,177,312.68  
P.I. STA = 7164+45.78  
N = 1,851,993.52  
E = 1,177,351.80  
P.I. STA = 7168+96.23  
N = 1,851,543.85  
E = 1,177,378.34  
P.I. STA = 7171+49.17  
N = 1,851,291.02  
E = 1,177,385.58  
P.I. STA = 7175+38.76  
N = 1,850,901.43  
E = 1,177,383.07  
P.I. STA = 7180+50.02  
N = 1,850,390.38  
E = 1,177,382.88  
POT STA = 7184+63.76  
N = 1,849,976.81  
E = 1,177,394.72

SB 76th/79th ST.  
CD RAMP  
(RAMP 76D79A)  
POT STA = 7500+00.00  
N = 1,854,771.42  
E = 1,177,153.21  
P.I. STA = 7502+53.66  
N = 1,854,517.84  
E = 1,177,159.17  
P.I. STA = 7510+89.85  
N = 1,853,689.73  
E = 1,177,275.17  
POT STA = 7522+05.42  
N = 1,852,575.71  
E = 1,177,319.03

Prop. Curve 76D79A-1  
P.I. STA = 7514+90.72  
N = 1,853,290.06  
E = 1,177,306.25  
 $\Delta = 2^\circ 48' 22.72''$  (RT)  
D = 2° 18' 23.74"  
R = 2,484.00  
L = 121.66  
E = 0.75  
T = 60.84  
P.C. STA = 7514+29.88  
N = 1,853,350.72  
E = 1,177,301.54  
P.T. STA = 7515+51.54  
N = 1,853,229.24  
E = 1,177,307.99

Prop. Curve 76D79A-2  
P.I. STA = 7518+45.22  
N = 1,852,935.69  
E = 1,177,316.40  
 $\Delta = 6^\circ 31' 33.29''$  (RT)  
D = 4° 50' 21.01"  
R = 1,184.00  
L = 134.86  
E = 1.92  
T = 67.50  
P.C. STA = 7517+77.72  
N = 1,853,003.16  
E = 1,177,314.47  
P.T. STA = 7519+12.57  
N = 1,852,868.44  
E = 1,177,310.65

SB 76th/79th ST.  
CD EXIT CONNECTOR  
(CD7679A)  
POT STA = 9450+00.00  
N = 1,854,751.70  
E = 1,177,267.37  
Prop. Curve CD7679A-1  
P.I. STA = 9455+73.58  
N = 1,854,179.28  
E = 1,177,230.83  
 $\Delta = 11^\circ 37' 34.33''$  (LT)  
D = 2° 12' 13.26"  
R = 2,600.00  
L = 527.58  
E = 13.44  
T = 264.70  
P.C. STA = 9453+08.88  
N = 1,854,443.44  
E = 1,177,247.69  
P.T. STA = 9458+36.46  
N = 1,853,917.14  
E = 1,177,267.55

SB 76th/79th ST.  
CD ENTRANCE CONNECTOR  
(CD7679B)  
POT STA = 9460+00.00  
N = 1,853,693.06  
E = 1,177,298.94  
Prop. Curve CD7679B-1  
P.I. STA = 9463+19.58  
N = 1,853,376.57  
E = 1,177,343.27  
 $\Delta = 1^\circ 13' 13.54''$  (RT)  
D = 0° 30' 18.91"  
R = 11,340.00  
L = 241.55  
E = 0.64  
T = 120.78  
P.C. STA = 9461+98.80  
N = 1,853,496.18  
E = 1,177,326.52  
P.T. STA = 9464+40.35  
N = 1,853,256.63  
E = 1,177,357.48

SB 71st/75th ST.  
CD RAMP  
(RAMP 71D75A)  
POT STA = 7117+70.85  
N = 1,857,886.40  
E = 1,177,086.26  
P.I. STA = 7120+00.00  
N = 1,857,657.31  
E = 1,177,091.65  
P.I. STA = 7128+12.41  
N = 1,856,850.29  
E = 1,177,177.64  
P.I. STA = 7128+74.10  
N = 1,856,788.62  
E = 1,177,179.10  
P.I. STA = 7136+84.40  
N = 1,855,981.27  
E = 1,177,124.75  
POT STA = 7140+00.21  
N = 1,855,665.56  
E = 1,177,132.18

Prop. Curve 71D75A-1  
P.I. STA = 7124+10.68  
N = 1,857,251.52  
E = 1,177,154.81  
 $\Delta = 5^\circ 35' 23.99''$  (RT)  
D = 3° 05' 49.45"  
R = 1,850.00  
L = 180.49  
E = 2.20  
T = 90.32  
P.C. STA = 7123+20.36  
N = 1,857,340.76  
E = 1,177,140.92  
P.T. STA = 7125+00.86  
N = 1,857,161.34  
E = 1,177,159.94

Prop. Curve 71D75A-2  
P.I. STA = 7132+74.89  
N = 1,856,387.85  
E = 1,177,175.17  
 $\Delta = 6^\circ 30' 28.18''$  (RT)  
D = 3° 51' 39.25"  
R = 1,484.00  
L = 168.56  
E = 2.40  
T = 84.37  
P.C. STA = 7131+90.52  
N = 1,856,472.22  
E = 1,177,176.00  
P.T. STA = 7133+59.08  
N = 1,856,304.13  
E = 1,177,164.79

SB 71st/75th ST.  
CD EXIT CONNECTOR  
(RAMP CD7175A)  
POT STA = 9423+50.00  
N = 1,857,297.2866  
E = 1,177,207.4713  
POT STA = 9426+50.01  
N = 1,856,997.4225  
E = 1,177,198.1891  
CD ENTRANCE CONNECTOR  
(RAMP CD7175B)  
POT STA = 9429+50.00  
N = 1,856,694.2083  
E = 1,177,205.3235  
POT STA = 9434+40.27  
N = 1,856,204.7281  
E = 1,177,233.1786

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

ALIGNMENT PLAN  
SHEET 4 OF 4

SCALE: NO SCALE  
DATE: FEBRUARY 13, 2009  
DRAWN BY: JPA  
CHECKED BY: JPM

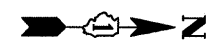
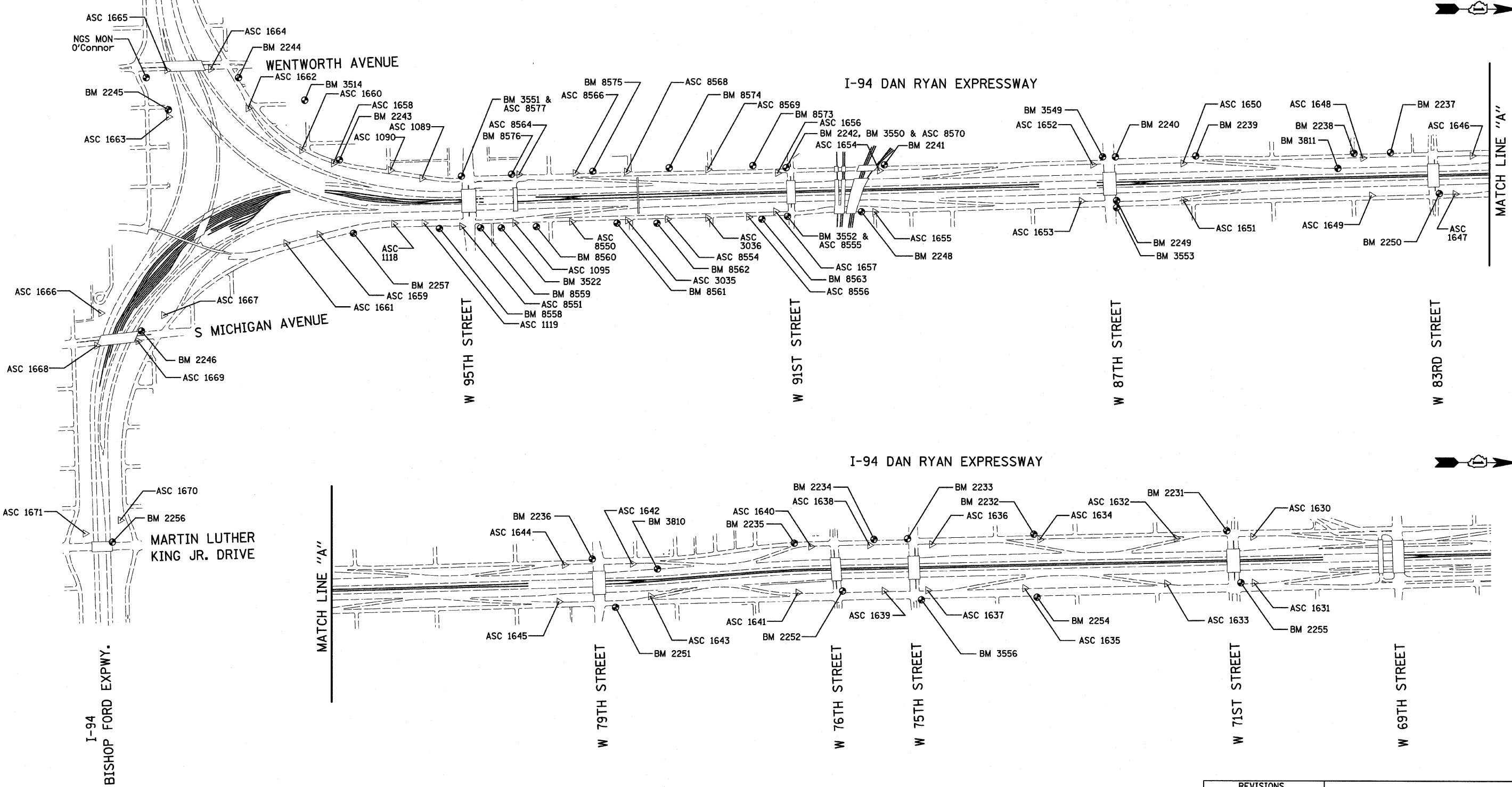


3/19/2009 11:45:23 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	9
STA. 135+99.6 (SB I-57) TO STA. 136+78.8 (SB RYAN)		TO STA. 236+4+99.1 (NB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60A07

I-57  
EXPWY  
SEE SHEET 2 OF 7  
MATCH LINE "B"



American Surveying Consultants, P.C.  
SURVEYORS-ENGINEERS-GEODETISTS-APPRAISERS-SCIENTISTS  
1637 PLOM BEYER RD., IL. 61021 6030 N. NORTHWIND BLVD., CHICAGO, IL. 60631  
815-221-2211 773-221-1282

REVISIONS	
NAME	DATE

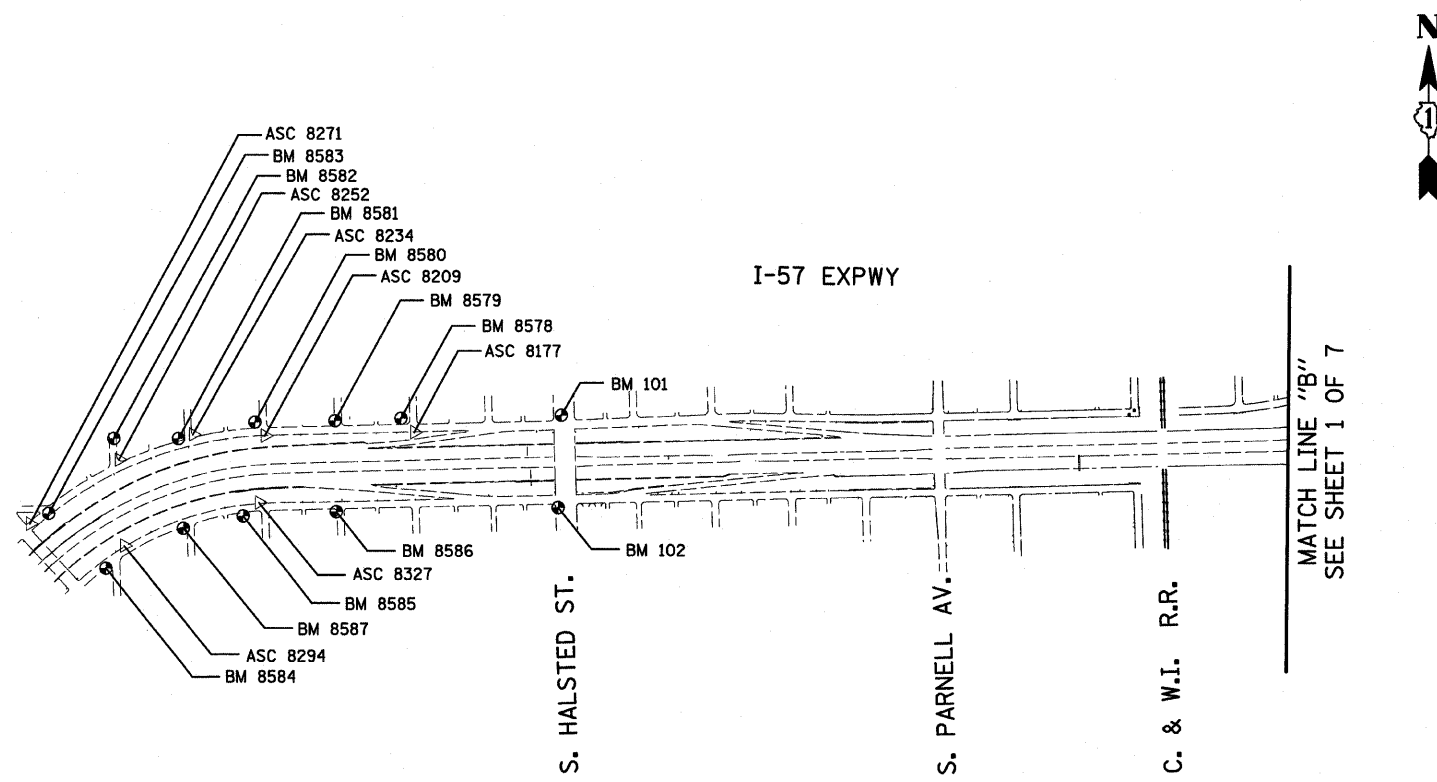
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
SURVEY TIES FOR CONTROL POINTS  
SHEET 1 OF 7

SCALE: 1"=400'  
DATE: FEBRUARY 13, 2009  
DRAWN BY: GSP  
CHECKED BY: MMW

3/19/2009 11:45:30 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	10
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07



American Surveying Consultants, P.C.  
 SURVEYORS-ENGINEERS-GEODETISTS-MAPPING SCIENTISTS  
 1637 Piquette Rd., Chicago, IL 60601 606 N. Northway, Elmhurst, IL 60120  
 773-462-2221 773-462-2222

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SURVEY TIES FOR CONTROL POINTS  
 SHEET 2 OF 7

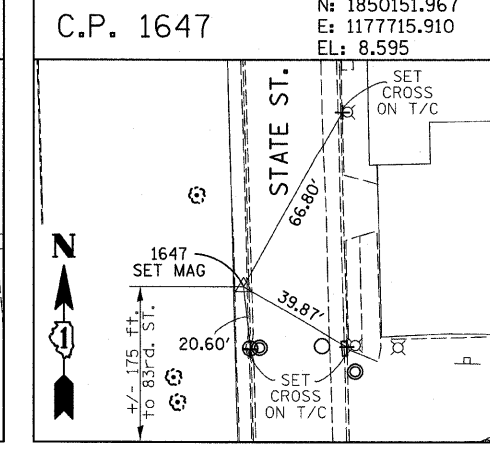
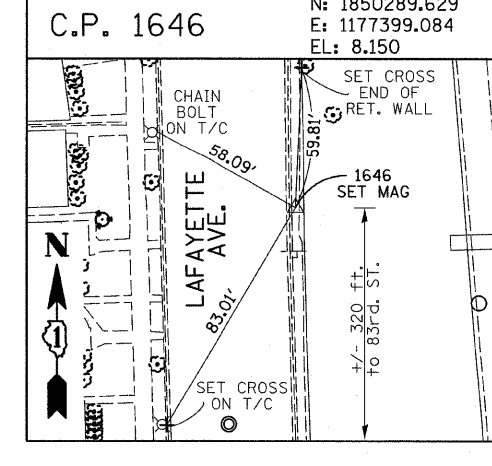
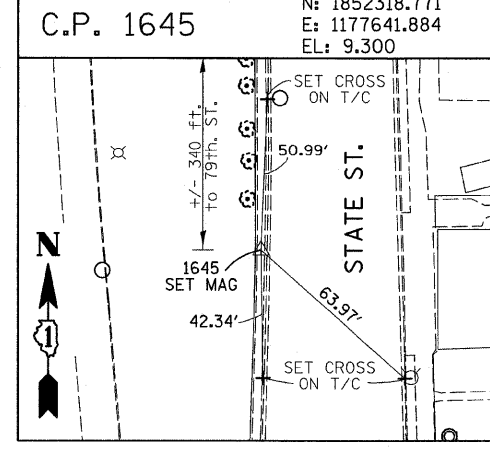
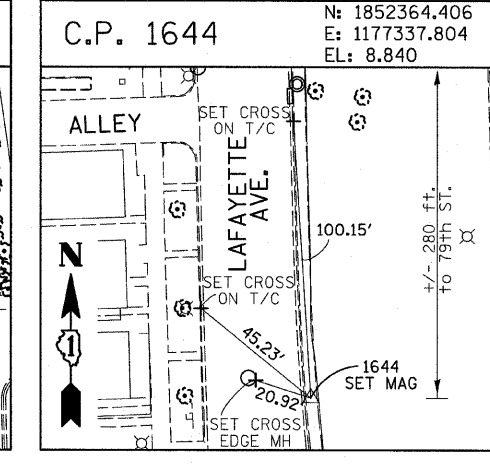
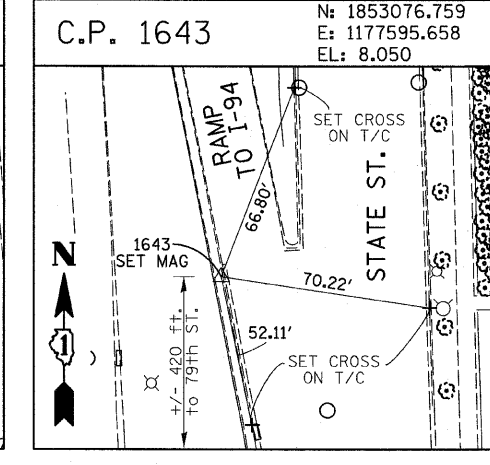
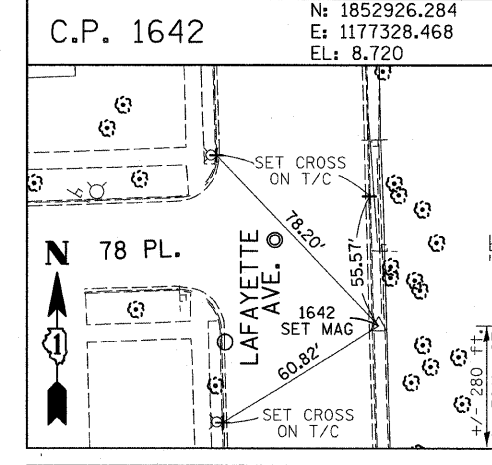
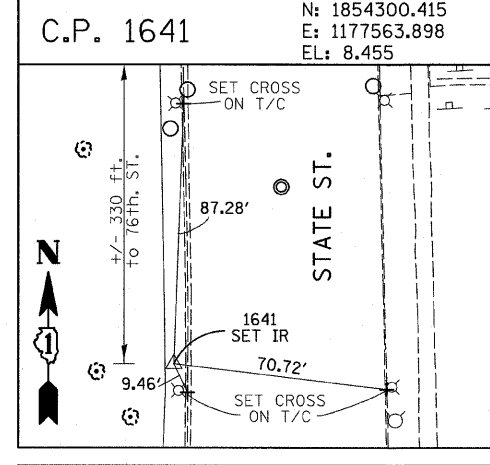
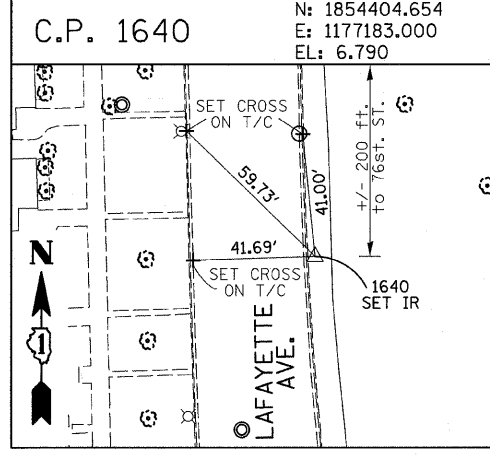
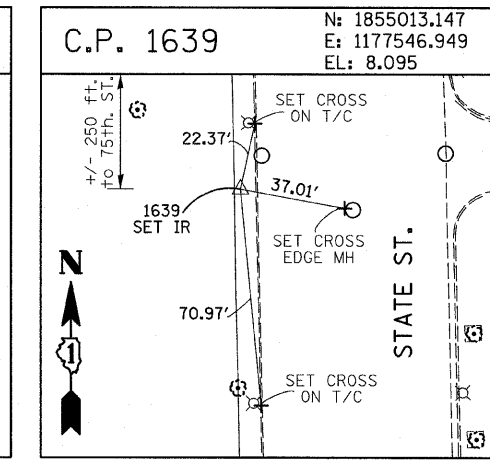
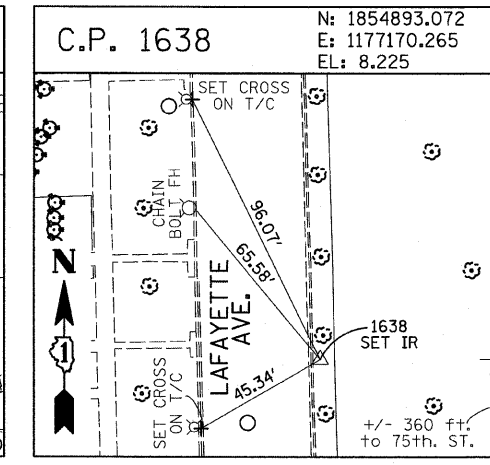
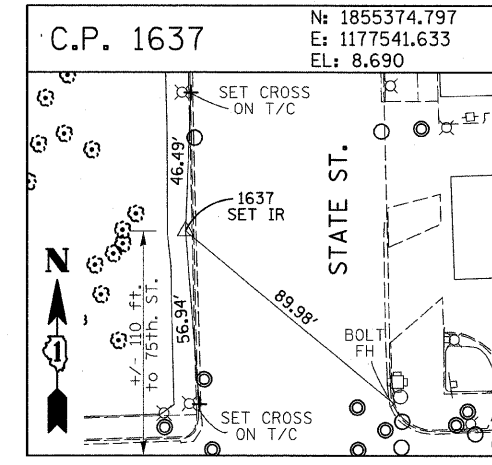
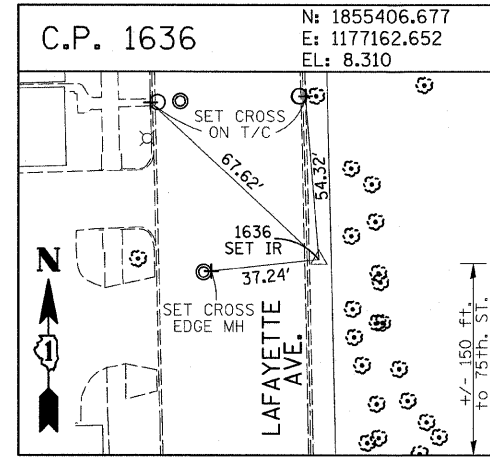
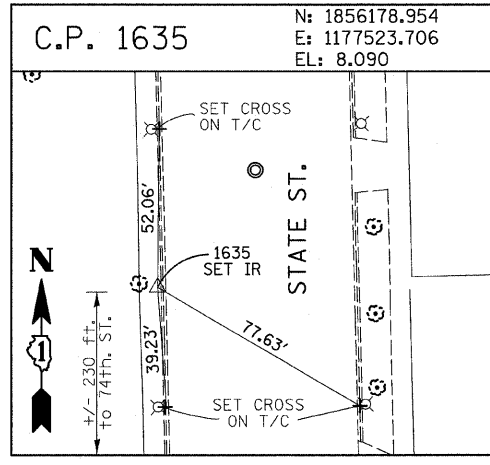
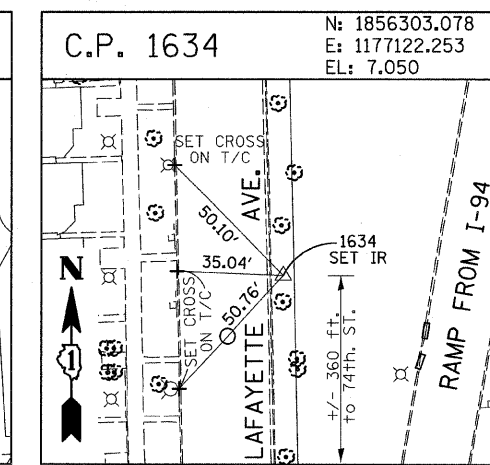
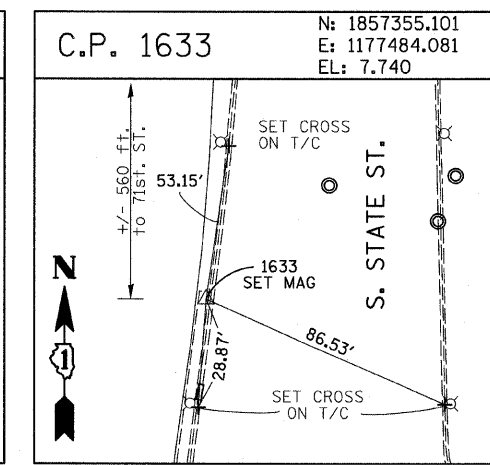
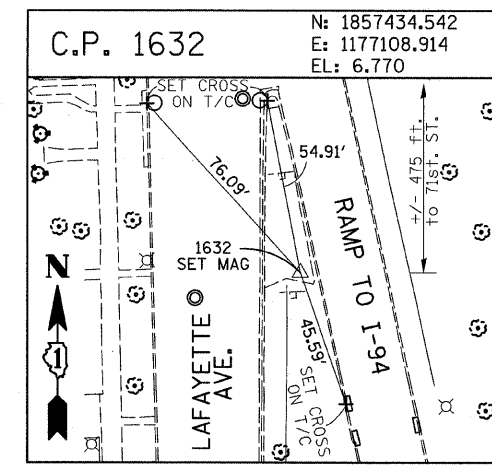
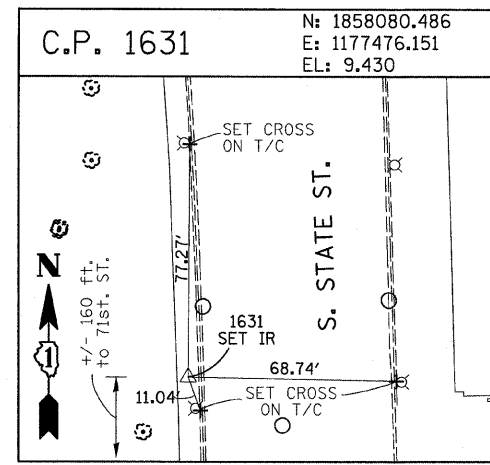
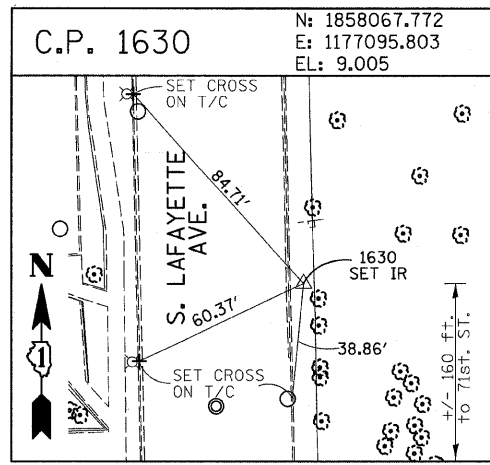
SCALE: 1"=400'  
 DATE: FEBRUARY 13, 2009  
 DRAWN BY: GSP  
 CHECKED BY: MMW

P:\0237\3\road\639\1391\1063063ad.dwg 3/19/2009 11:45:31 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	11
STA. 135+99.6 (SB I-57)		TO STA. 136+78.8 (SB RYAN)		
2031+23.0 (NB FORD)		2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60A07



American Surveying Consultants, P.C.  
 1427 Plank Rd., Suite 100, Naperville, IL 60563  
 (630) 335-1100

REVISIONS	
NAME	DATE

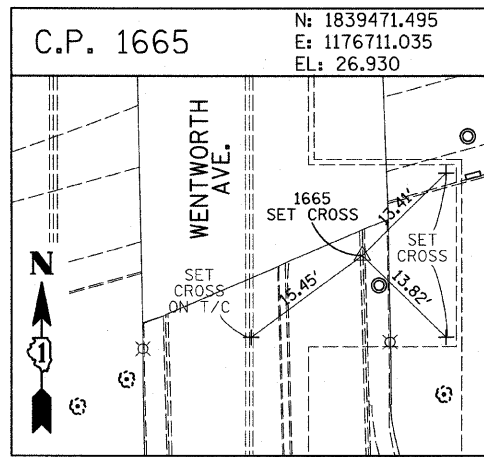
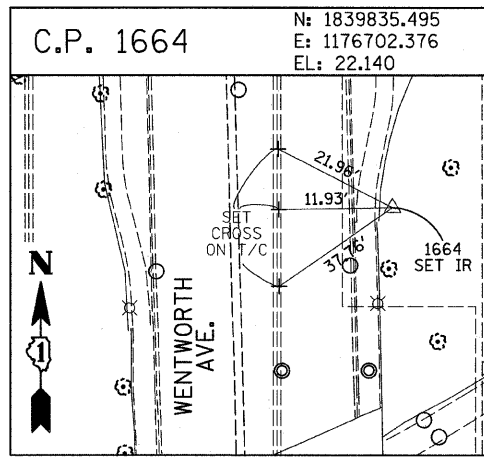
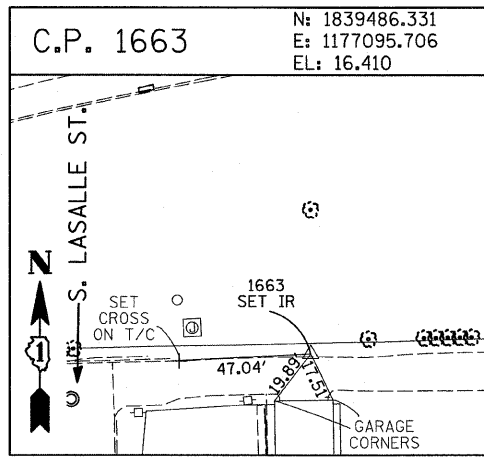
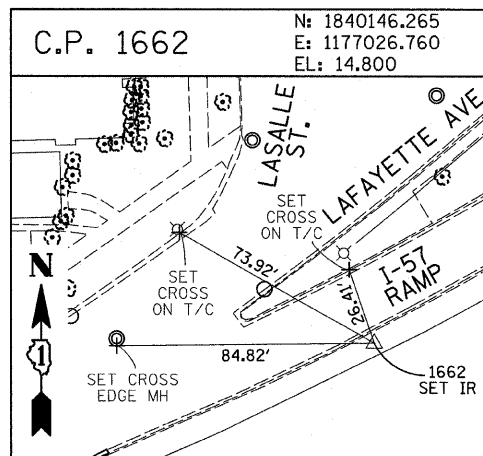
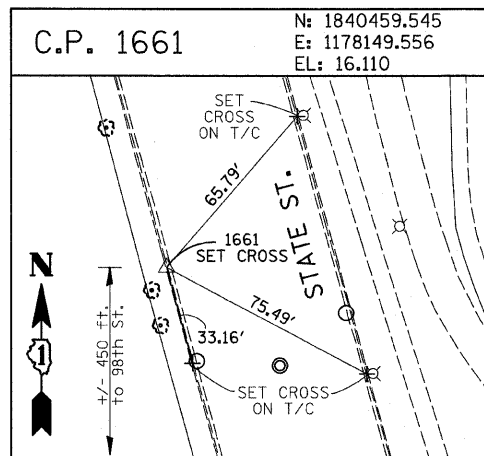
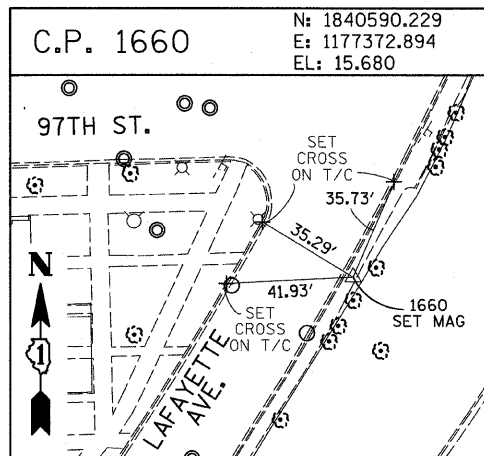
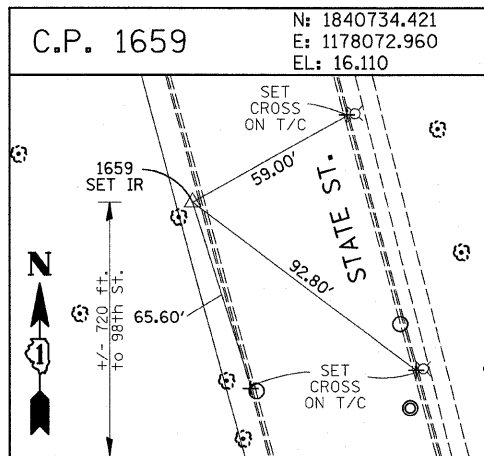
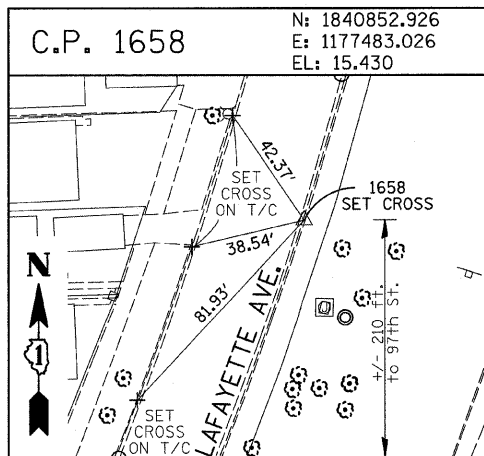
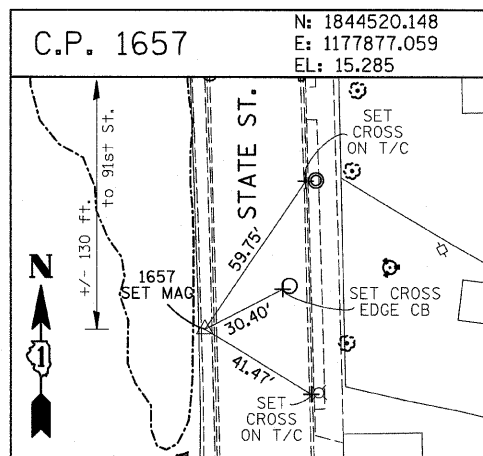
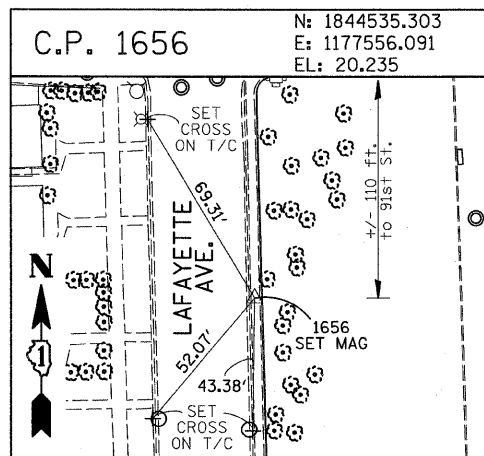
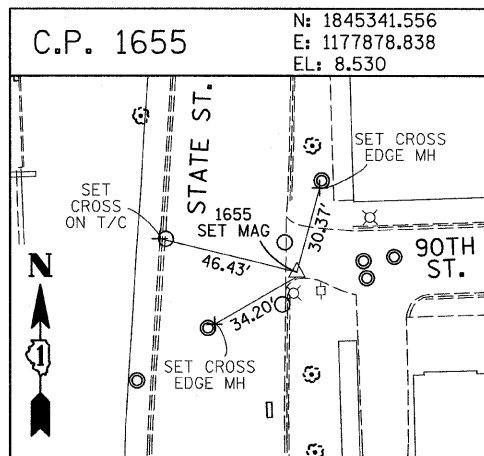
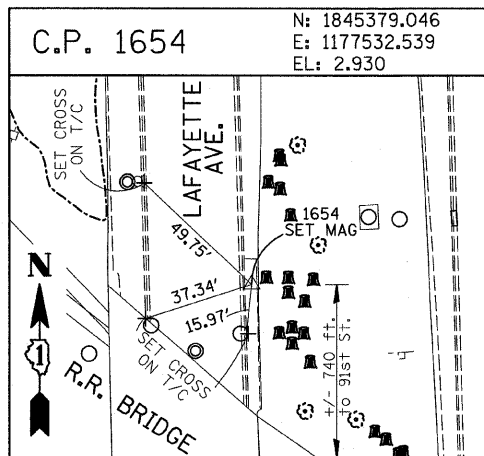
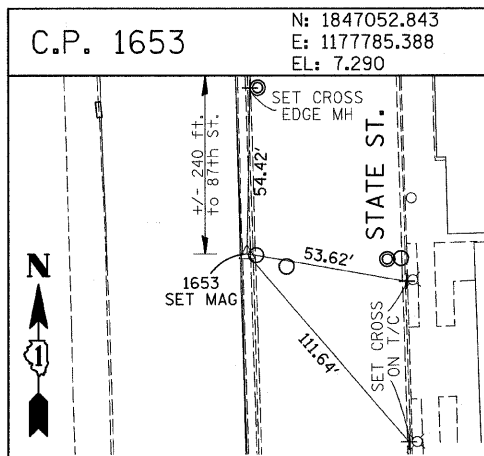
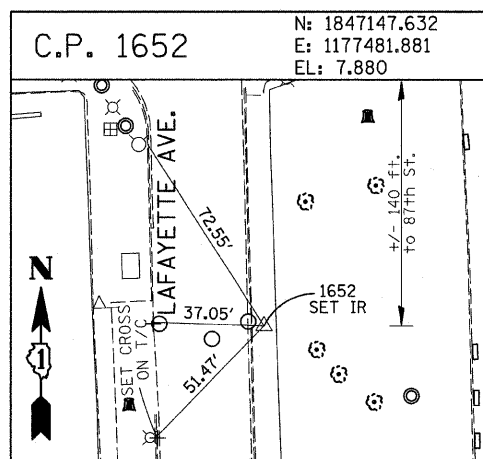
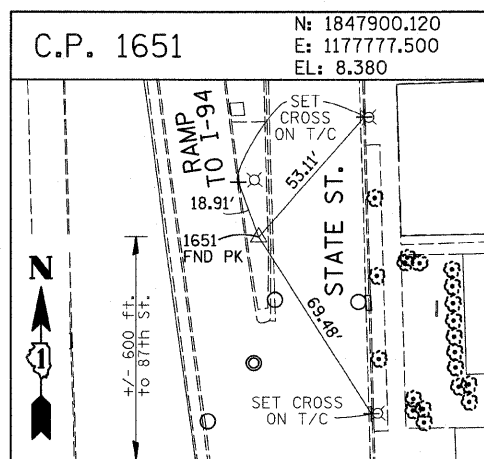
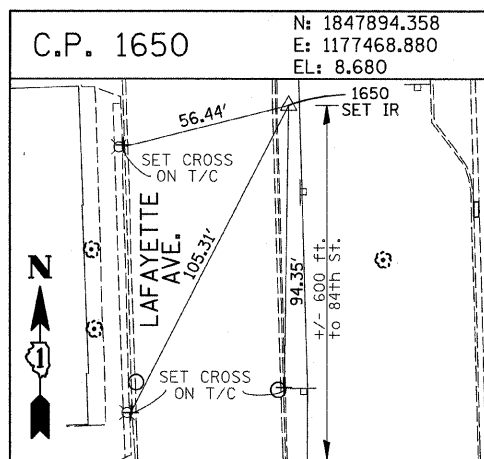
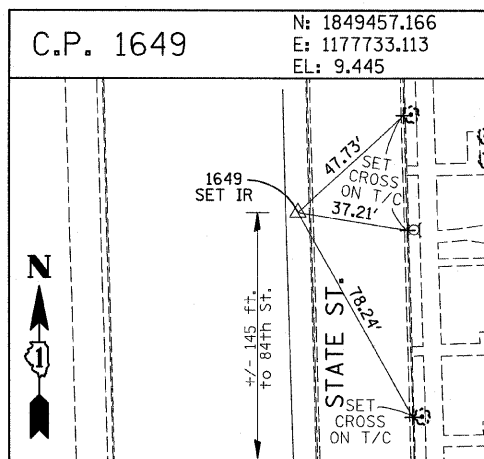
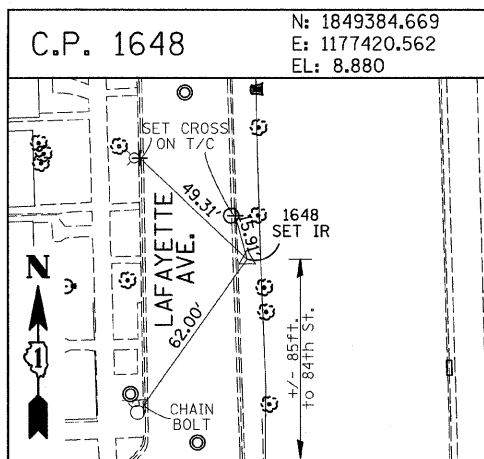
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SURVEY TIES FOR CONTROL POINTS  
 SHEET 3 OF 7

SCALE: 1"=30'  
 DATE: FEBRUARY 13, 2009  
 DRAWN BY: GSP  
 CHECKED BY: MMW

3/19/2009 11:45:33 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	12
STA. 135+99.6 (SB I-57)		TO STA. 136+78.8 (SB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60A07



American Surveying Consultants, P.C.  
 SURVEYORS-ENGINEERS-SCIENTISTS-MAPPING SCIENTISTS  
 1637 Piquette Rd., Chicago, IL 60601 6030 N. Northway, Chicago, IL 60631  
 312-291-2211 312-291-2212

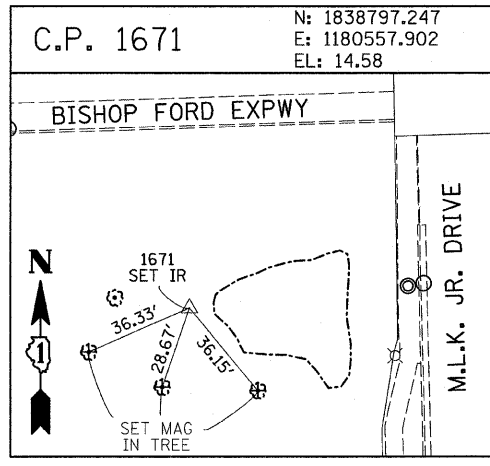
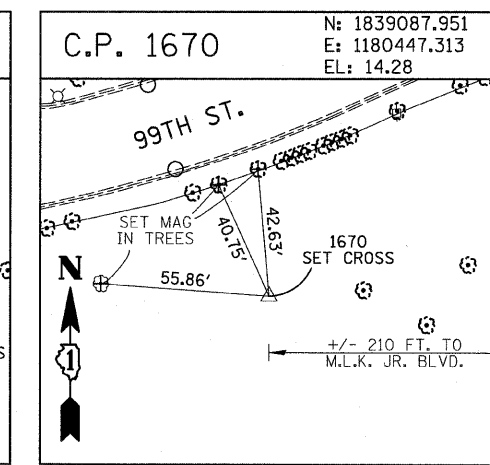
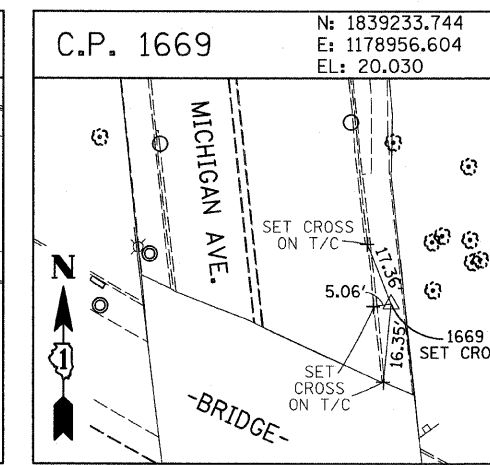
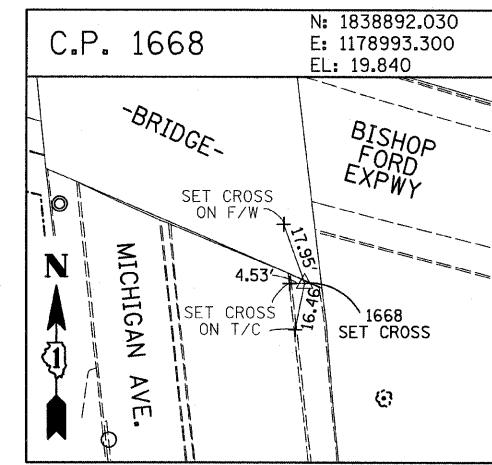
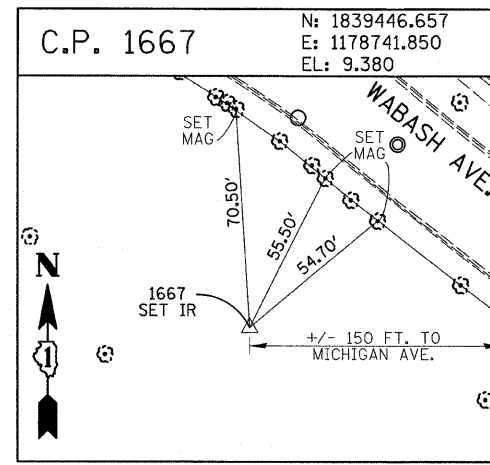
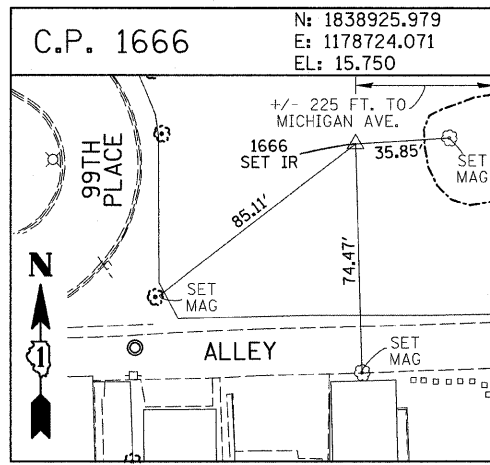
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SURVEY TIES FOR CONTROL POINTS  
 SHEET 4 OF 7  
 SCALE: 1"=30'  
 DATE: FEBRUARY 13, 2009  
 DRAWN BY: GSP  
 CHECKED BY: MMW

3/19/2009 11:45:36 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	13
STA. 135+99.6 (SB I-57)		TO STA. 136+78.8 (SB RYAN)		
STA. 233+23.0 (WB FORD)		TO STA. 236+49.1 (WB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60A07



**PROJECT BENCHMARKS**

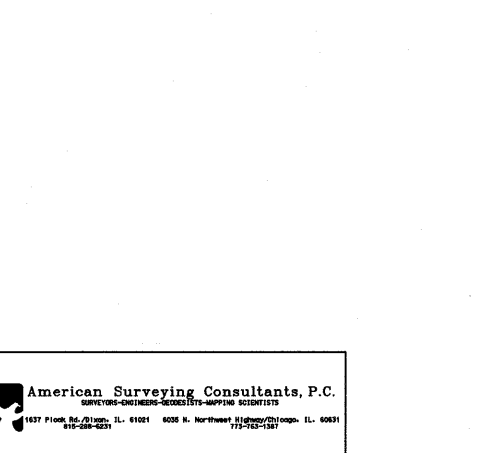
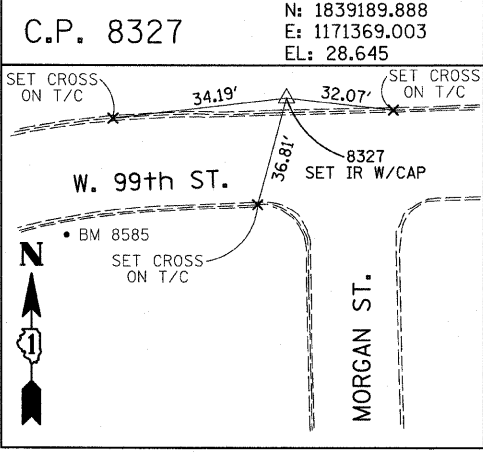
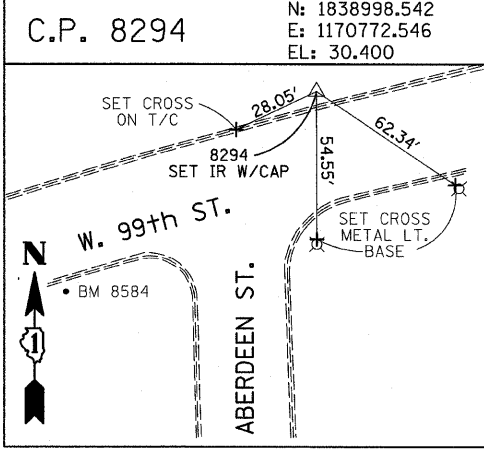
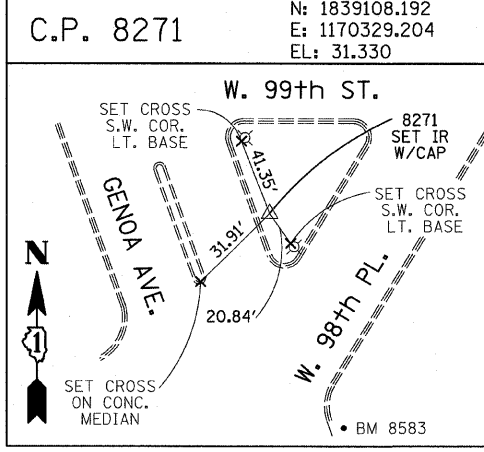
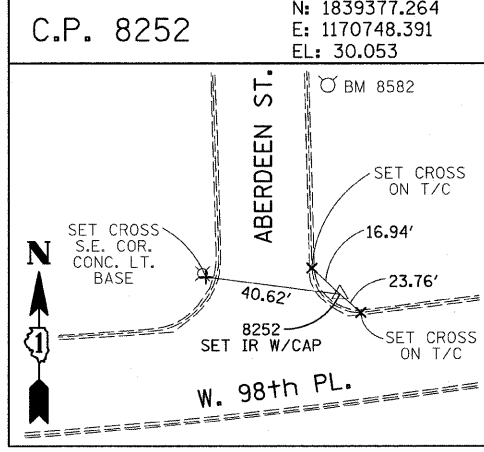
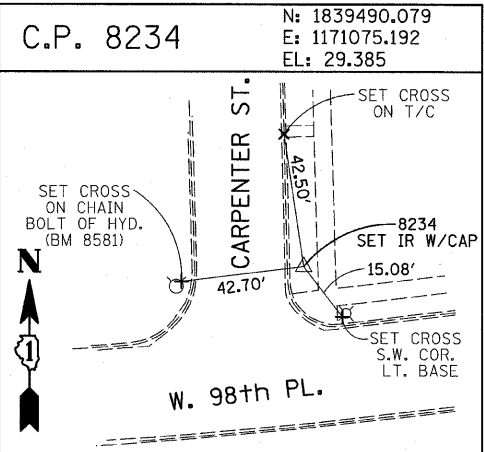
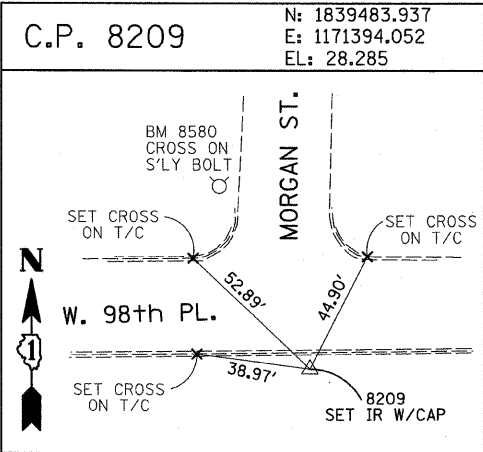
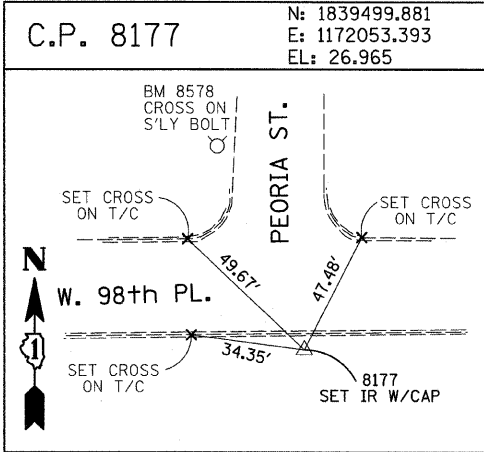
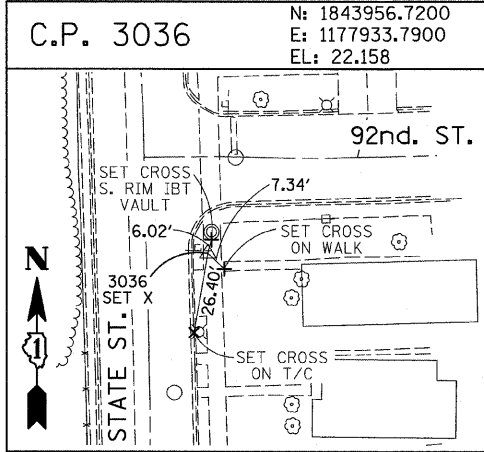
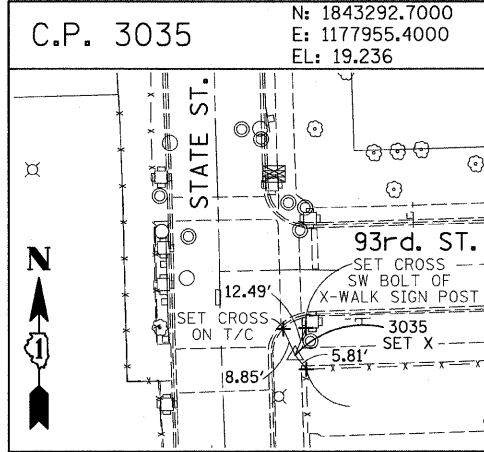
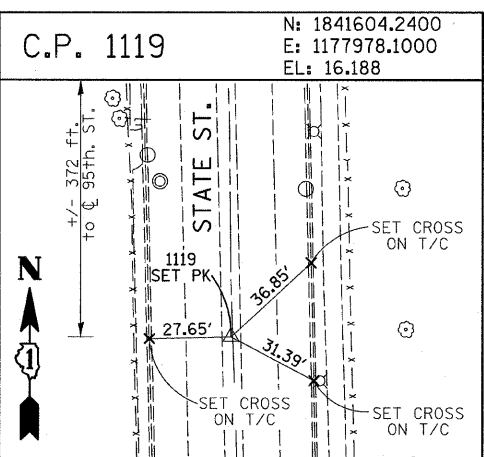
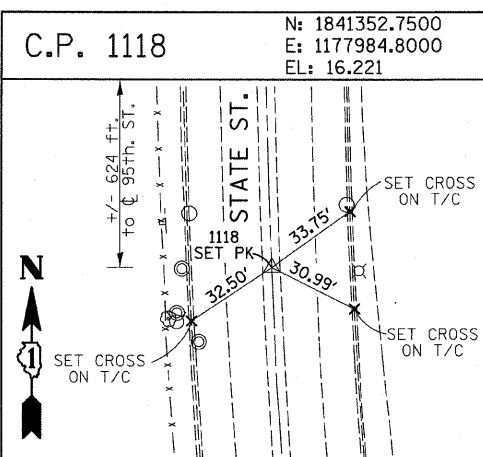
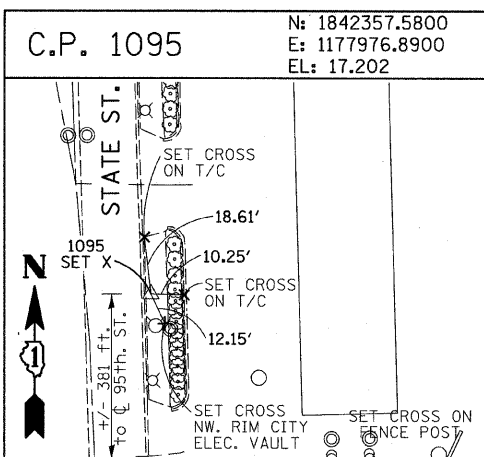
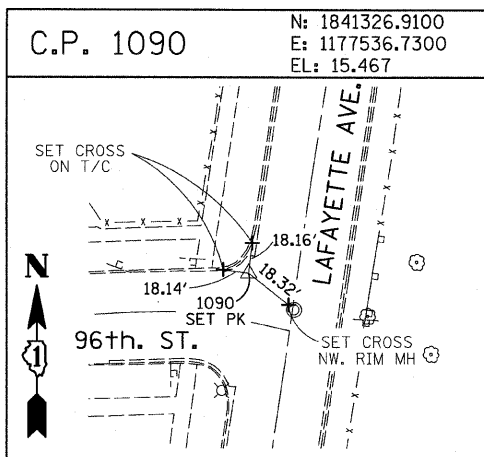
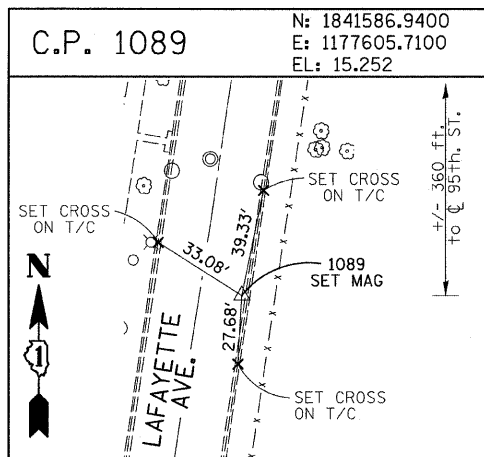
- BM 2231 ELEVATION= 10.24 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 71ST STREET AND LAFAYETTE AVENUE.
- BM 2232 ELEVATION= 8.46 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 73RD STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 330 FEET SOUTH OF 73RD STREET.
- BM 2233 ELEVATION= 9.90 FEET  
SET CROSS ON NORTHWEST BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 75TH STREET AND LAFAYETTE AVENUE.
- BM 2234 ELEVATION= 9.56 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 75TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 320 FEET SOUTH OF 75TH STREET.
- BM 2235 ELEVATION= 7.50 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 76TH STREET ON THE WEST SIDE OF LAFAYETTE. APPROXIMATELY 330 FEET SOUTH OF 76TH STREET.
- BM 2236 ELEVATION= 10.41 FEET  
SET CROSS ON WEST BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 79TH STREET AND LAFAYETTE AVENUE.
- BM 2237 ELEVATION= 9.20 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF 83RD STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 350 FEET NORTH OF 83RD STREET.
- BM 2238 ELEVATION= 10.04 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT OF THE NORTHWEST CORNER OF 4TH STREET AND LAFAYETTE AVENUE.
- BM 2239 ELEVATION= 9.59 FEET  
SET CROSS ON CHAIN BOLT OF SECOND FIRE HYDRANT NORTH OF 87TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 720 FEET NORTH OF 87TH STREET.
- BM 2240 ELEVATION= 9.49 FEET  
SET CROSS ON THE NORTHWEST BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 78TH STREET AND LAFAYETTE AVENUE.
- BM 2241 ELEVATION= 3.63 FEET  
SET SQUARE CUT ON TOP OF CURB NEXT TO LIGHT POLE ON THE NORTHWEST CORNER OF LAFAYETTE AVENUE AND RAILROAD BRIDGE. APPROXIMATELY 770 FEET NORTH OF 91ST STREET.
- BM 2242 ELEVATION= 22.82 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 91ST STREET AND LAFAYETTE AVENUE.
- BM 2243 ELEVATION= 15.68 FEET  
SET SQUARE CUT ON THE TOP OF CURB NEXT TO THIRD LIGHT POLE NORTH OF 97TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 260 FEET NORTH OF 97TH STREET.
- BM 2244 ELEVATION= 15.94 FEET  
SET SQUARE CUT ON TOP OF CURB NEXT TO LIGHT POLE ON THE NORTH SIDE OF 98TH STREET. APPROXIMATELY 120 FEET EAST OF WENTWORTH AVENUE.
- BM 2245 ELEVATION= 16.35 FEET  
SET SQUARE CUT ON THE EAST END OF CURB AT THE NORTHEAST CORNER OF FIRST ALLEY NORTH OF 99TH STREET. APPROXIMATELY 35 FEET EAST OF LASALLE STREET.
- BM 2246 ELEVATION= 20.00 FEET  
SET SQUARE CUT WITH CROSS ON TOP OF ABUTMENT WALL ON THE NORTHWEST CORNER OF STATE STREET BRIDGE OVER THE BISHOP FORD EXPRESSWAY. APPROXIMATELY 20 FEET NORTH OF THE NORTH EDGE OF THE BRIDGE.
- BM 2248 ELEVATION= 9.77 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF RAILROAD BRIDGE ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 110 FEET SOUTH OF 90TH STREET.
- BM 2249 ELEVATION= 9.67 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 87TH AND STATE STREET.
- BM 2250 ELEVATION= 10.03 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 83RD ST. AND STATE STREET.
- BM 2251 ELEVATION= 10.95 FEET  
FOUND CROSS ON EAST BOLT OF FIRE HYDRANT ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 135 FEET NORTH OF 79TH STREET.
- BM 2252 ELEVATION= 10.02 FEET  
SET CROSS ON WEST BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF STATE STREET AND 76TH STREET.
- BM 2254 ELEVATION= 9.17 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 73RD STREET ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 330 FEET SOUTH OF 73RD STREET.
- BM 2255 ELEVATION= 11.25 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 71ST STREET AND STATE STREET.
- BM 2256 ELEVATION= 16.36 FEET  
SET SQUARE CUT ON TOP OF ABUTMENT WALL ON THE NORTHWEST CORNER OF MARTIN LUTHER KING DRIVE BRIDGE OVER THE BISHOP FORD EXPRESSWAY. APPROXIMATELY 1 FOOT NORTH OF THE NORTH END OF THE BRIDGE.
- BM 2257 ELEVATION= 18.25 FEET  
SET CROSS ON NORTHEAST BOLT OF LIGHT POLE BASE ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 970 FEET SOUTH OF 95TH STREET.
- BM 2258 ELEVATION= 10.53 FEET  
SET CROSS ON NORTHWEST BOLT OF LIGHT BASE ON NORTHWEST CORNER OF 71ST STREET AND LAFAYETTE AVENUE.

REVISIONS	
NAME	DATE

3/19/2009 11:45:37 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	14
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)		TO STA. 2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60A07



American Surveying Consultants, P.C.  
SURVEYORS-ENGINEERS-GEODETISTS-MAPPING SCIENTISTS  
1037 Plover Rd., Naperville, IL 60563 630.251.1100

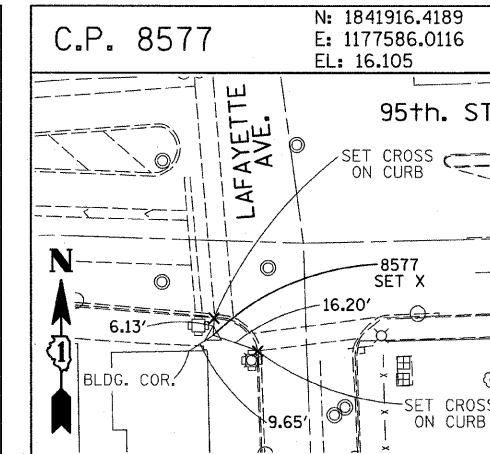
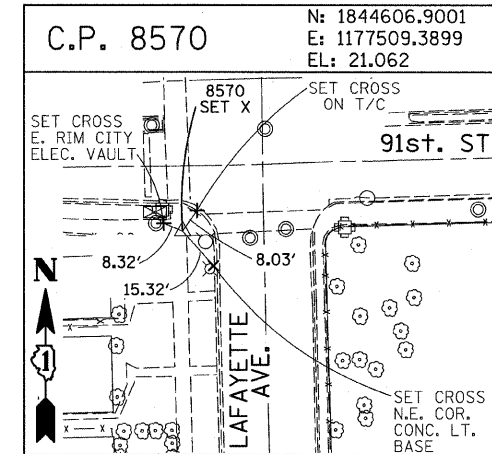
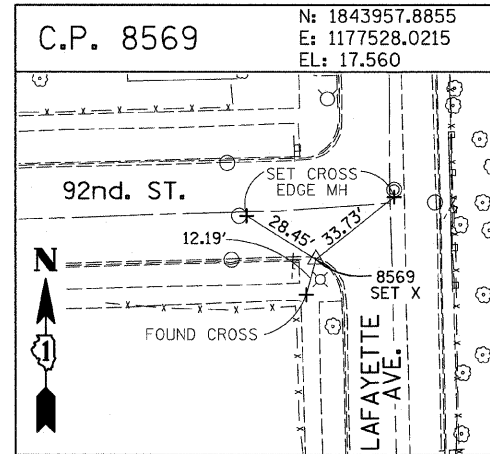
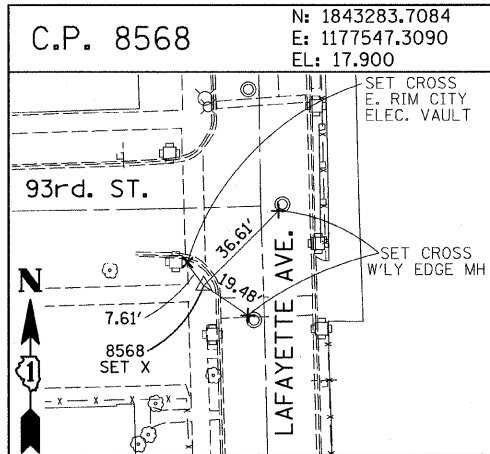
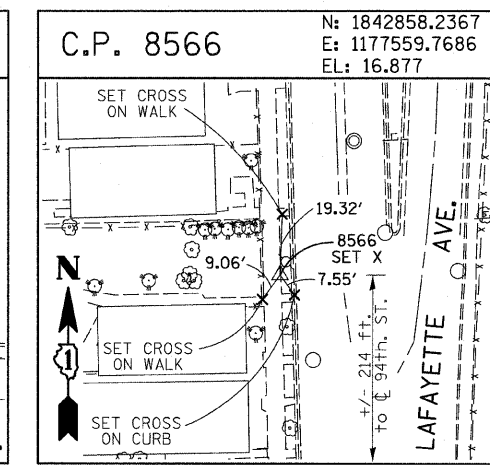
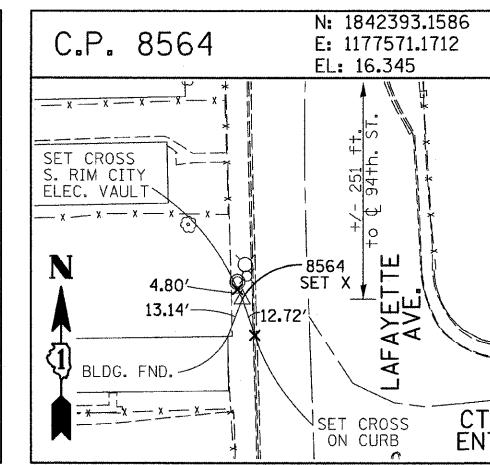
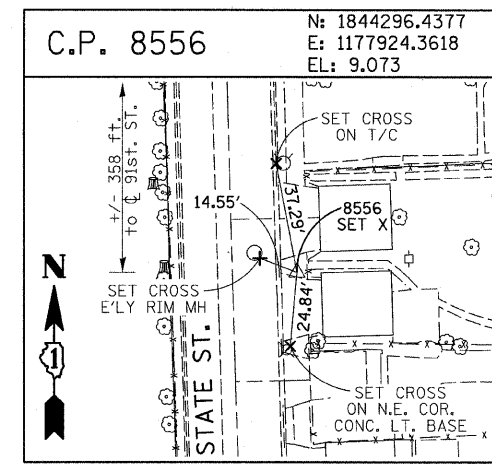
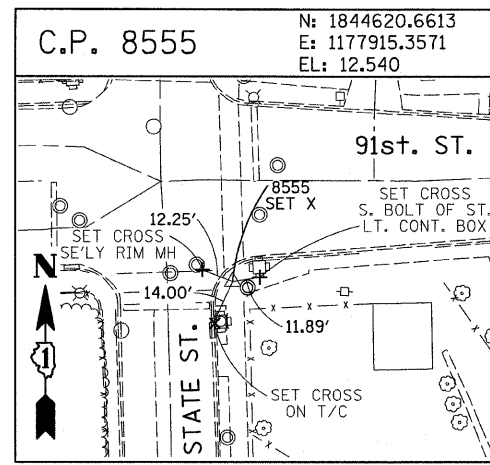
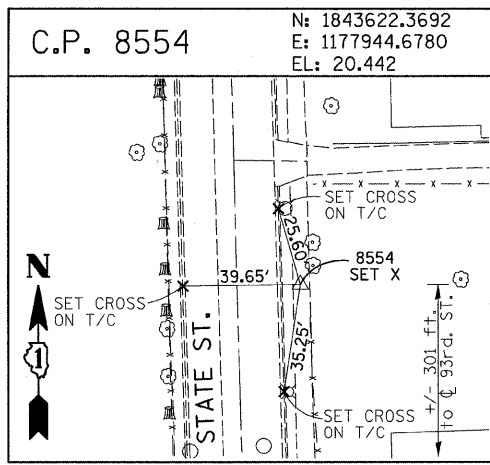
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
SURVEY TIES FOR CONTROL POINTS  
SHEET 6 OF 7

SCALE: 1"=30'  
DATE: FEBRUARY 13, 2009  
DRAWN BY: GSP  
CHECKED BY: MMW

3/19/2009 11:45:42 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	15
STA. 1354+98.6 (SB T-57)		TO STA. 1364+78.8 (SB RYAN)		
STA. 2031+23.0 (NB FORD)		TO STA. 2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		60A07



**PROJECT BENCHMARKS**

- BM 101 ELEVATION= 24.89 FEET  
SET SQUARE CUT ON SOUTHERLY CURB OF WEST 98TH PLACE. APPROXIMATELY 70 FEET EAST OF THE CENTERLINE OF GREEN STREET.
- BM 102 ELEVATION= 27.36 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF WEST 99TH STREET AND GREEN STREET.
- BM 8558 ELEVATION= 17.73 FEET  
SET SQUARE CUT ON SOUTHEAST CORNER OF FOURTH LIGHT BASE SOUTH OF 95TH STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8559 ELEVATION= 17.10 FEET  
SET SQUARE CUT ON SOUTHWEST CORNER OF CONCRETE SIGN BASE AT THE NORTHWEST CORNER OF THE MOBIL GAS STATION PROPERTY AT THE NORTHEAST CORNER OF 95TH STREET AND STATE STREET.
- BM 8560 ELEVATION= 17.50 FEET  
SET SQUARE CUT ON SOUTHEAST CORNER OF CONCRETE BUS SLAB ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 50 FEET SOUTH OF THE CENTERLINE OF 94TH STREET.
- BM 8561 ELEVATION= 19.77 FEET  
SET CROSS ON SOUTHEASTERLY FLANGE BOLT OF FIRST FIRE HYDRANT SOUTH OF 93RD STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8562 ELEVATION= 22.29 FEET  
SET CROSS ON SOUTHEASTERLY FLANGE BOLT OF FIRST FIRE HYDRANT NORTH OF 93RD STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8563 ELEVATION= 20.47 FEET  
SET CROSS ON SOUTHEASTERLY FLANGE BOLT OF FIRST FIRE HYDRANT SOUTH OF 91ST STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8573 ELEVATION= 19.89 FEET  
SET SQUARE CUT ON EAST SIDE OF SIDEWALK OPPOSITE TO THE SECOND FIRE HYDRANT SOUTH OF 91ST STREET, ON THE WEST SIDE OF LAFAYETTE AVENUE.
- BM 8574 ELEVATION= 18.90 FEET  
SET CROSS ON THE WESTERLY FLANGE BOLT OF FIRE HYDRANT APPROXIMATELY AT 9224 S. LAFAYETTE AVENUE, ON THE WEST SIDE OF LAFAYETTE AVENUE.
- BM 8575 ELEVATION= 17.77 FEET  
SET CROSS ON THE WESTERLY FLANGE BOLT OF FIRE HYDRANT APPROXIMATELY AT 9326 S. LAFAYETTE AVENUE, ON THE WEST SIDE OF LAFAYETTE AVENUE.

- BM 8576 ELEVATION= 17.43 FEET  
SET CROSS ON THE WESTERLY FLANGE BOLT OF FIRE HYDRANT AT THE VACANT LOT BETWEEN 9416 AND 9422 S. LAFAYETTE AVENUE, ON THE WEST SIDE OF LAFAYETTE AVENUE.
- BM 8578 ELEVATION= 27.92 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF WEST 98TH PLACE AND PEORIA STREET.
- BM 8579 ELEVATION= 28.59 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF WEST 98TH PLACE AND SANGAMON STREET.
- BM 8580 ELEVATION= 29.24 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF WEST 98TH PLACE AND MORGAN STREET.
- BM 8581 ELEVATION= 30.82 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF CARPENTER STREET AND WEST 98TH PLACE.
- BM 8582 ELEVATION= 30.69 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF WEST 98TH PLACE, ON THE EAST SIDE OF ABERDEEN STREET.
- BM 8583 ELEVATION= 33.14 FEET  
SET SQUARE CUT ON CONCRETE BRIDGE WALL AT THE SOUTHEASTERLY CORNER OF GENOA AVENUE AND 99TH STREET.
- BM 8584 ELEVATION= 32.36 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT WEST OF ABERDEEN STREET, ON THE SOUTHERLY SIDE OF 99TH STREET.
- BM 8585 ELEVATION= 30.28 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRST FIRE HYDRANT WEST OF MORGAN STREET, ON THE SOUTH SIDE OF 99TH STREET.
- BM 8586 ELEVATION= 28.75 FEET  
SET CROSS ON NORTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF 99TH STREET AND SANGAMON STREET.
- BM 8587 ELEVATION= 31.19 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF 99TH STREET AND CARPENTER STREET.

- BM 3514 ELEVATION= 17.56 FEET  
SET CROSS ON CHAIN BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF LASALLE ST. AND 97TH ST.
- BM 3522 ELEVATION= 18.06 FEET  
SET CROSS ON SOUTH SOUTHEAST FLANGE BOLT OF HYDRANT ± HALFWAY BETWEEN NORTH AND SOUTH ENTRANCE TO CITGO, EAST SIDE OF STATE ST. AND NORTH OF 95TH ST.
- BM 3549 ELEVATION= 9.49 FEET  
SET CROSS WESTERLY FLANGE BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF 87TH ST. AND LAFAYETTE AVE.
- BM 3550 ELEVATION= 22.88 FEET  
SET CROSS WESTERLY FLANGE BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF 91ST ST. AND LAFAYETTE AVE.
- BM 3551 ELEVATION= 17.50 FEET  
SET CROSS NORTHERLY FLANGE BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF 95TH ST. AND LAFAYETTE AVE.
- BM 3552 ELEVATION= 14.81 FEET  
SET CROSS NORTHEAST BOLT OF TRAFFIC SIGNAL/LIGHT BASE AT SOUTHEAST INTERSECTION OF 91ST ST. AND STATE ST.
- BM 3553 ELEVATION= 8.47 FEET  
SET CROSS NORTHWEST BOLT OF TRAFFIC SIGNAL/LIGHT BASE AT NORTHEAST INTERSECTION OF 87TH ST. AND STATE ST.
- BM 3556 ELEVATION= 9.06 FEET  
SET CROSS EASTERLY FLANGE BOLT OF HYDRANT AT NORTHEAST CORNER OF 75TH ST. AND STATE ST.
- BM 3558 ELEVATION= 18.15 FEET  
SET CROSS SOUTHWESTERLY FLANGE BOLT OF HYDRANT AT NORTHWEST INTERSECTION OF NORMAL ST. AND 98TH PLACE.
- BM 3810 ELEVATION= 0.29 FEET  
CUT SQUARE ON SOUTHERLY CORNER OF METAL BASE FOR OVERHEAD SIGN, ON THE WESTERLY SIDE OF SOUTHBOUND DAN RYAN, OPPOSITE OF WEST 77TH PLACE, APPROXIMATELY 1000 FEET NORTH OF 79TH STREET BRIDGE.
- BM 3811 ELEVATION= 1.95 FEET  
CUT SQUARE ON SOUTHEASTERLY CORNER OF METAL BASE FOR OVERHEAD SIGN, ON THE WESTERLY SIDE OF SOUTHBOUND DAN RYAN APPROXIMATELY 840 FEET SOUTHERLY OF 83RD STREET.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**

**SURVEY TIES FOR CONTROL POINTS**  
**SHEET 7 OF 7**

SCALE: 1"=30'  
 DATE: FEBRUARY 13, 2009

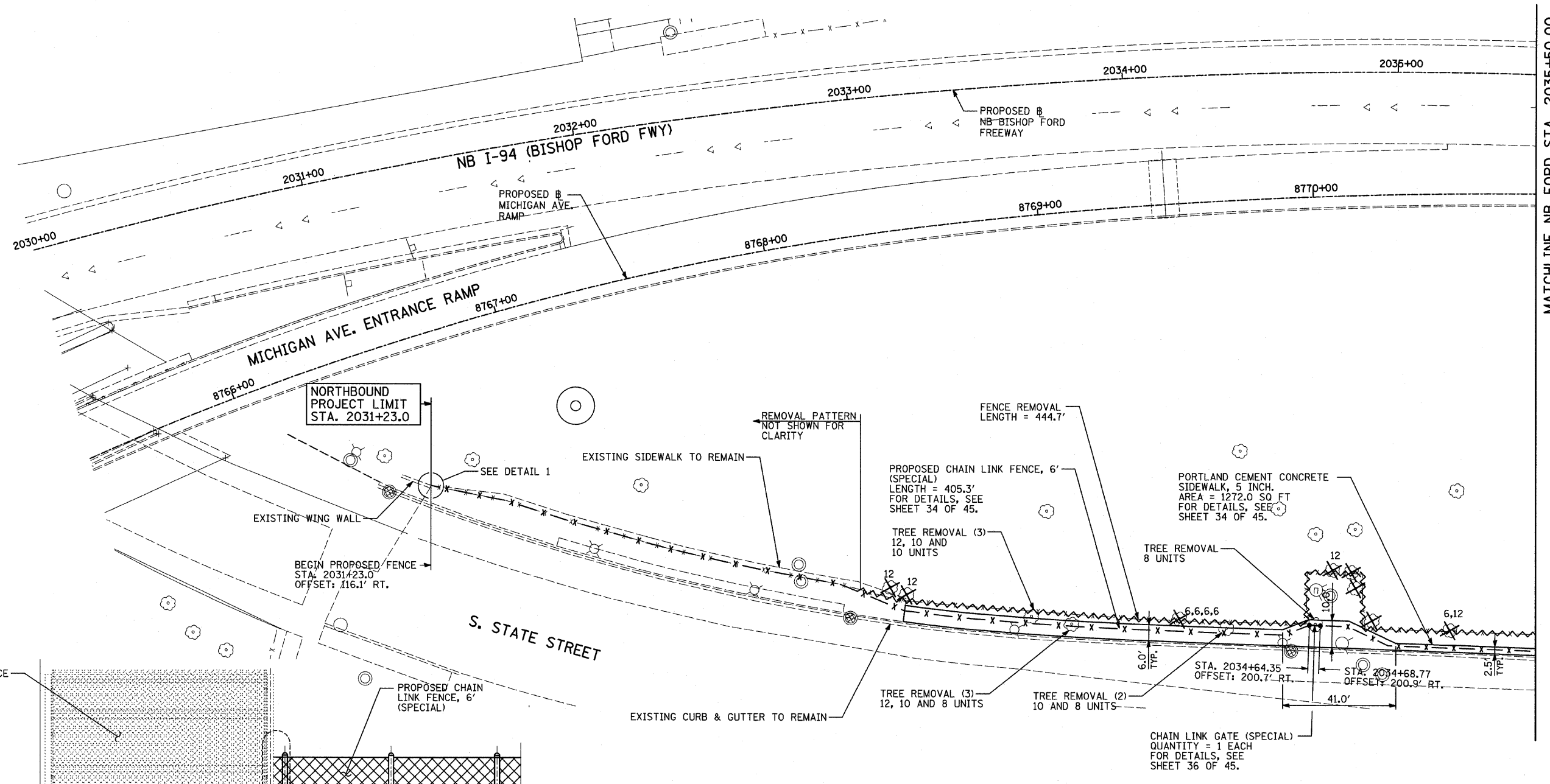
DRAWN BY: GSP  
 CHECKED BY: MMW

3/19/2009 11:45:47 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	16
STA. 135+95.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

60A07



NORTHBOUND PROJECT LIMIT STA. 2031+23.0

BEGIN PROPOSED FENCE STA. 2031+23.0 OFFSET: 116.1' RT.

REMOVAL PATTERN NOT SHOWN FOR CLARITY

FENCE REMOVAL LENGTH = 444.7'

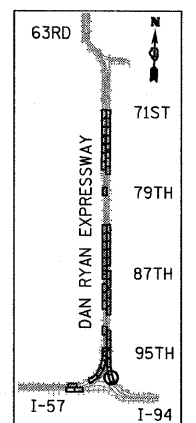
PROPOSED CHAIN LINK FENCE, 6' (SPECIAL) LENGTH = 405.3' FOR DETAILS, SEE SHEET 34 OF 45.

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH. AREA = 1272.0 SQ FT FOR DETAILS, SEE SHEET 34 OF 45.

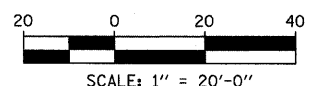
MICHIGAN AVE. ENTRANCE RAMP

S. STATE STREET

MATCHLINE NB FORD STA. 2035+50.00



LOCATION MAP



EXISTING FENCE

EXISTING PARAPET

TOP OF EXISTING SIDEWALK

SEE GENERAL NOTE 6 ON SHEET 2 OF 45.

PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)

EXISTING CURB & GUTTER TO REMAIN

TREE REMOVAL (3) 12, 10 AND 8 UNITS

TREE REMOVAL (2) 10 AND 8 UNITS

CHAIN LINK GATE (SPECIAL) QUANTITY = 1 EACH FOR DETAILS, SEE SHEET 36 OF 45.

**LEGEND:**

- FENCE REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6 OR CALLED OUT)
- INLET FILTER

**NOTES:**

1. THE CONTRACTOR SHALL USE THE EXCAVATED MATERIALS FROM THE SIDEWALK CONSTRUCTION TO BACKFILL THE AREA BEHIND THE SIDEWALK. A QUANTITY OF "SEEDING, CLASS 2A" HAS BEEN PROVIDED TO RESEED THE BACKFILLED AREAS.
2. FOR FENCE MOUNTED ON CONCRETE PAD DETAILS, SEE SHEET 34 OF 45.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED PLAN  
 ALONG STATE STREET FROM  
 98TH TO 95TH ST.  
 NB FORD STA. 2030+00 TO STA. 2035+50**

SCALE: 1"=20'  
 DATE: FEBRUARY 13, 2009  
 DRAWN BY: MAF, AMB  
 CHECKED BY: TGB, MI

**TYLIN** INTERNATIONAL

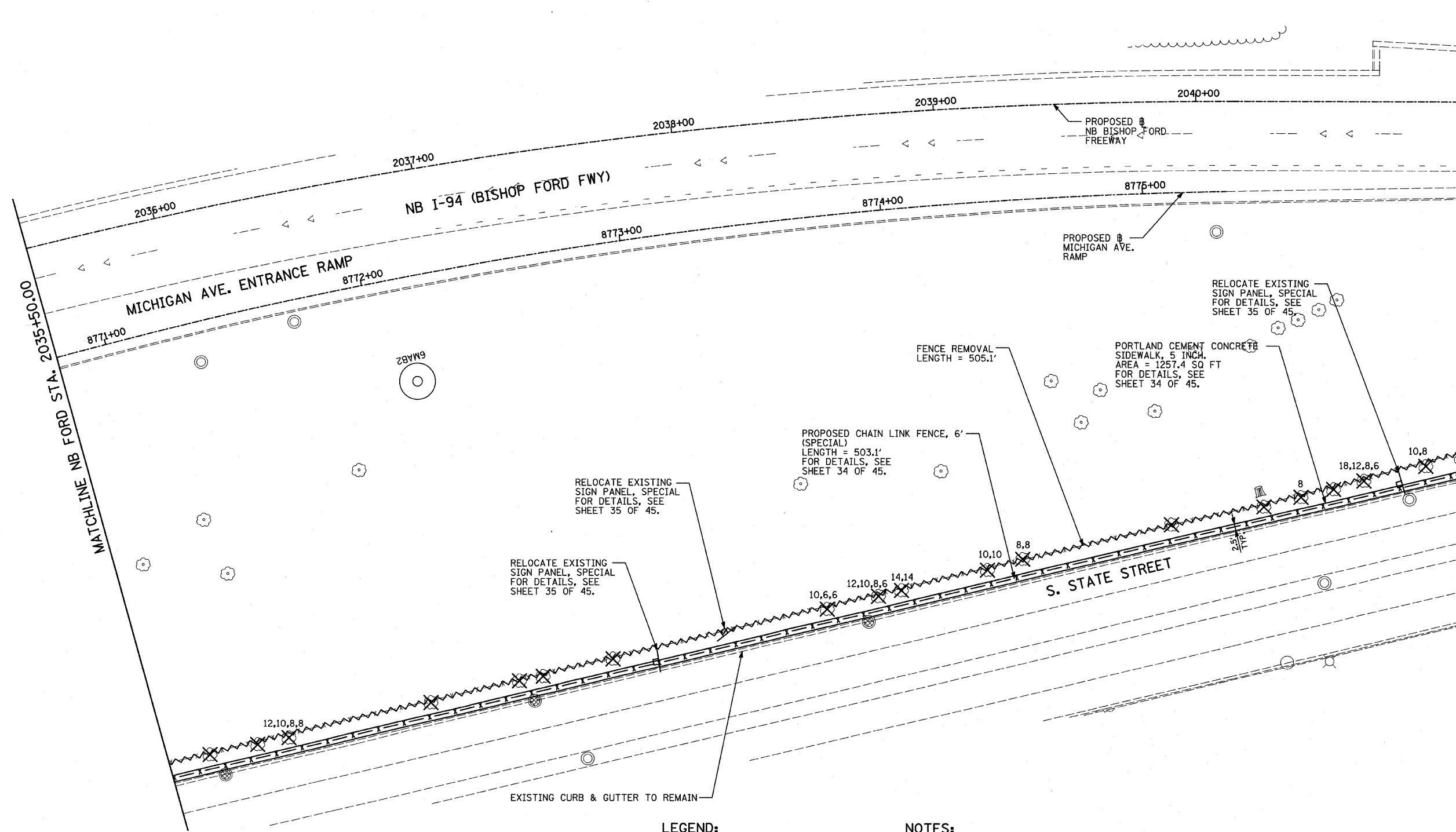
**DETAIL 1**  
(LOOKING SOUTH)

3/19/2009 11:45:50 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	17
STA. 135+98.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

60A07



MATCHLINE NB FORD STA. 2041+00.00

MATCHLINE NB FORD STA. 2035+50.00

RELOCATE EXISTING SIGN PANEL, SPECIAL FOR DETAILS, SEE SHEET 35 OF 45.

RELOCATE EXISTING SIGN PANEL, SPECIAL FOR DETAILS, SEE SHEET 35 OF 45.

PROPOSED CHAIN LINK FENCE, 6' (SPECIAL) LENGTH = 503.1' FOR DETAILS, SEE SHEET 34 OF 45.

FENCE REMOVAL LENGTH = 505.1'

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH. AREA = 1257.4 SQ FT FOR DETAILS, SEE SHEET 34 OF 45.

RELOCATE EXISTING SIGN PANEL, SPECIAL FOR DETAILS, SEE SHEET 35 OF 45.

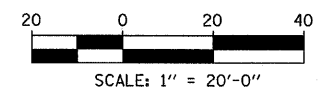
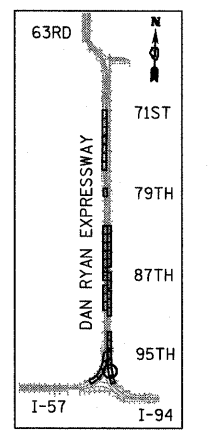
EXISTING CURB & GUTTER TO REMAIN

**LEGEND:**

- FENCE REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <math>\leq 6</math> OR CALLED OUT)
- INLET FILTER

**NOTES:**

- THE CONTRACTOR SHALL USE THE EXCAVATED MATERIALS FROM THE SIDEWALK CONSTRUCTION TO BACKFILL THE AREA BEHIND THE SIDEWALK. A QUANTITY OF "SEEDING, CLASS 2A" HAS BEEN PROVIDED TO RESEED THE BACKFILLED AREAS.
- FOR FENCE MOUNTED ON CONCRETE PAD DETAILS, SEE SHEET 34 OF 45.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**ALONG STATE STREET FROM**  
**98TH ST. TO 95TH ST.**  
**NB FORD STA. 2035+50 TO STA. 2041+00**

SCALE: 1"=20'  
DATE: FEBRUARY 13, 2009

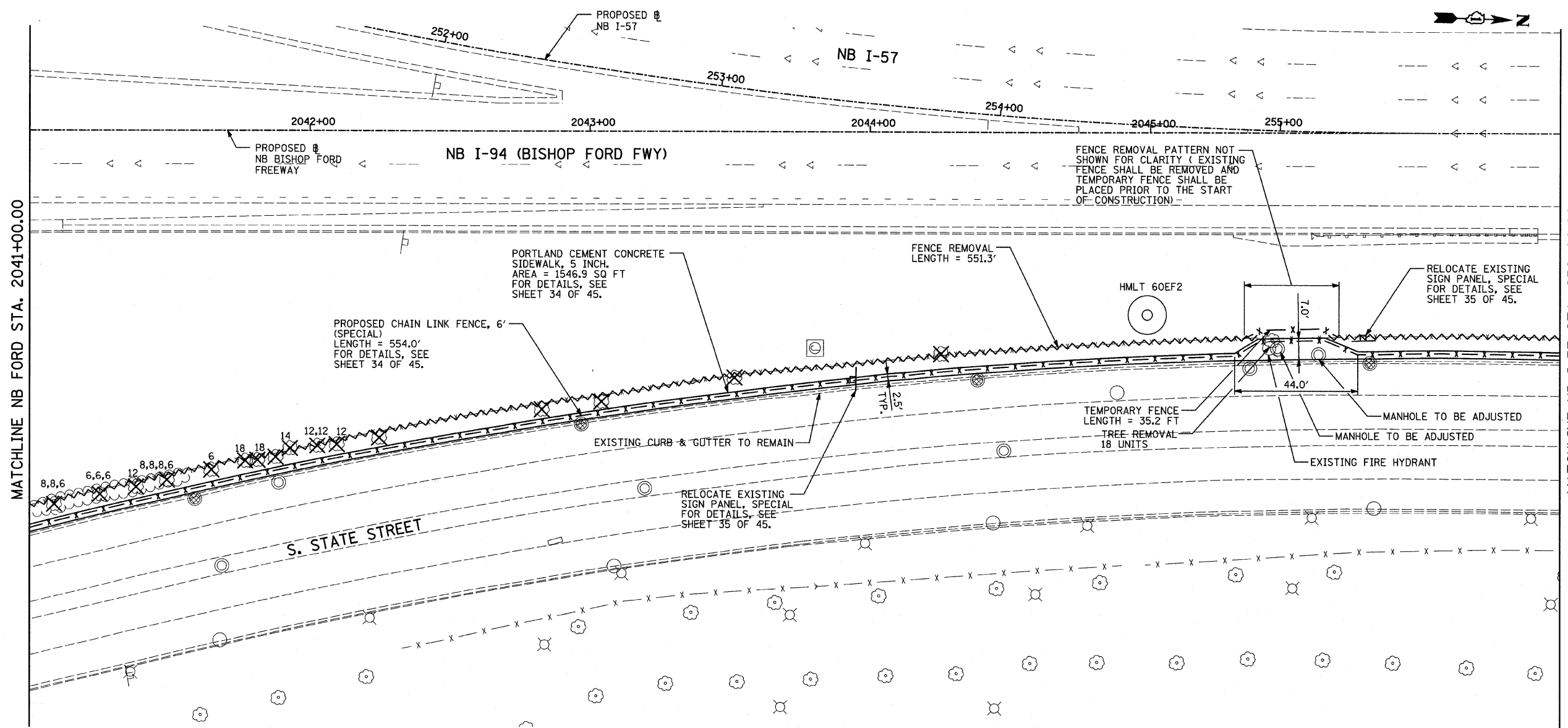
DRAWN BY: MAF, AMB  
CHECKED BY: TGB, MI

**TYLIN** INTERNATIONAL

3/19/2009 11:45:51 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	18
STA. 135+99.6 (SB I-57)		TO STA. 1364+78.8 (SB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60A07

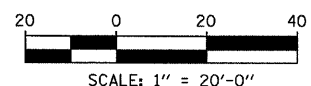
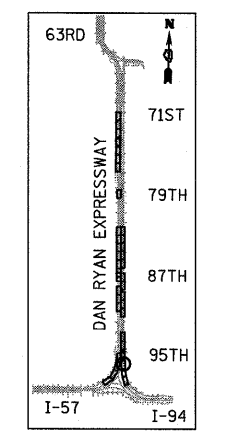


MATCHLINE NB FORD STA. 2041+00.00

MATCHLINE NB I-57 STA. 256+00.00

- LEGEND:**
- FENCE REMOVAL
  - TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6 OR CALLED OUT)
  - INLET FILTER

- NOTES:**
- THE CONTRACTOR SHALL USE THE EXCAVATED MATERIALS FROM THE SIDEWALK CONSTRUCTION TO BACKFILL THE AREA BEHIND THE SIDEWALK. A QUANTITY OF "SEEDING, CLASS 2A" HAS BEEN PROVIDED TO RESEED THE BACKFILLED AREAS.
  - FOR FENCE MOUNTED ON CONCRETE PAD DETAILS, SEE SHEET 34 OF 45.



**TYLIN** INTERNATIONAL

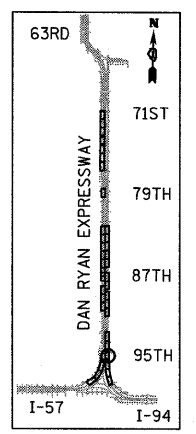
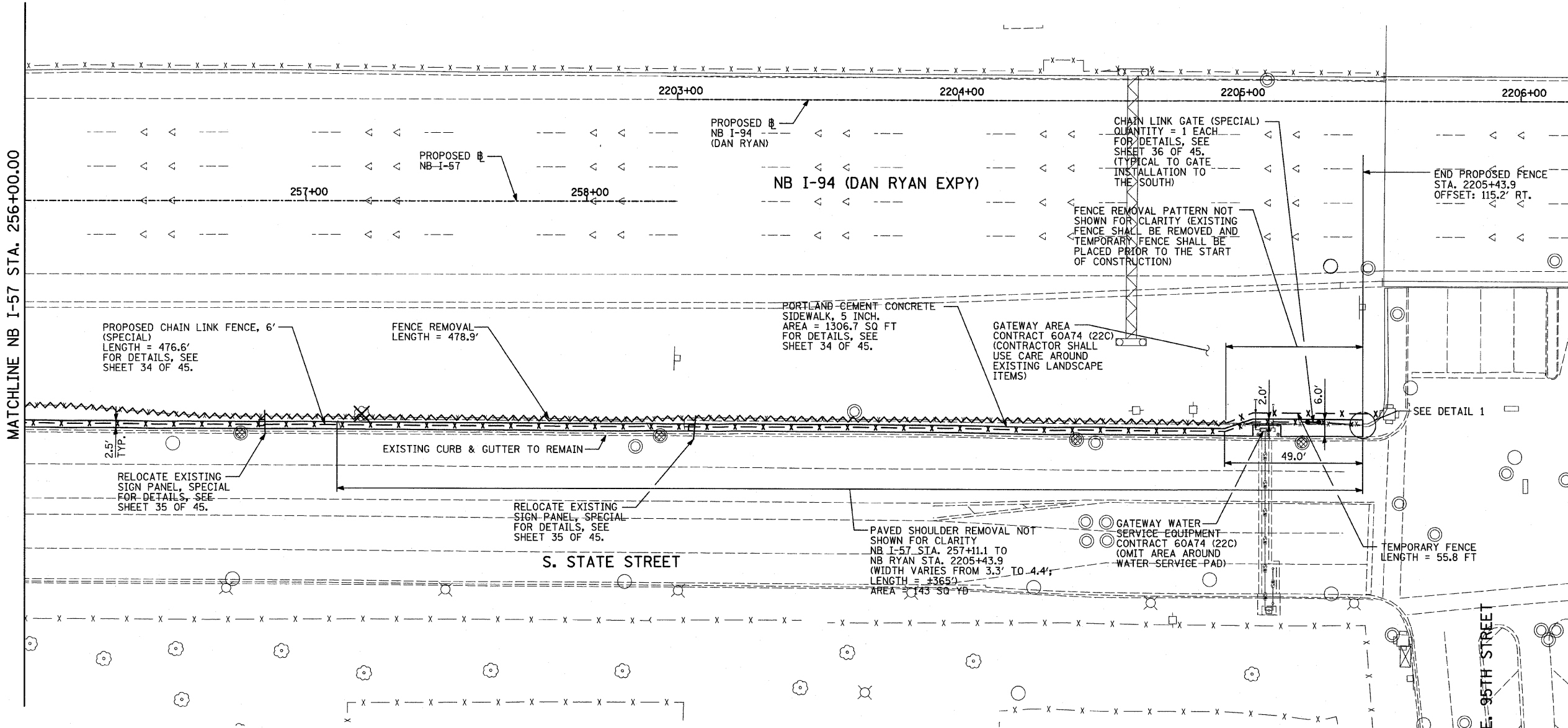
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED PLAN**  
 ALONG STATE STREET FROM  
 98TH ST. TO 95TH ST.  
 NB FORD STA. 2041+00 TO  
 NB I-57 STA. 256+00

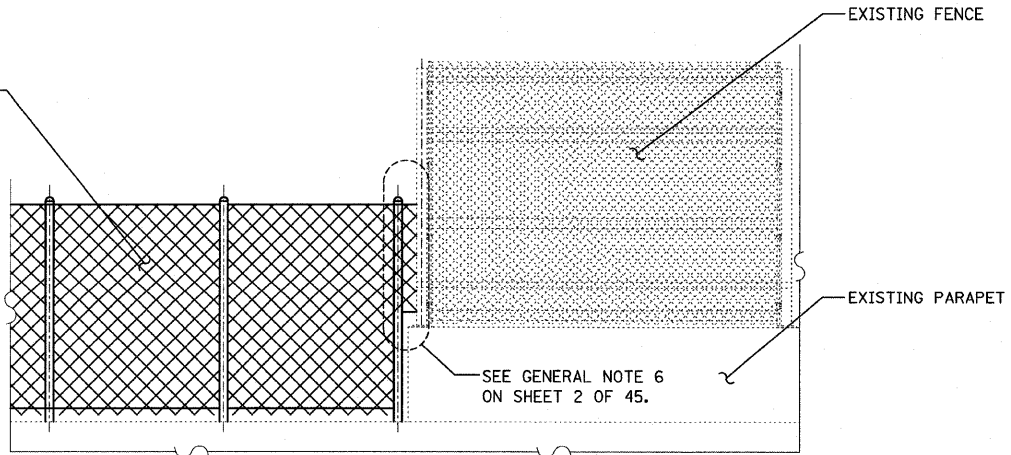
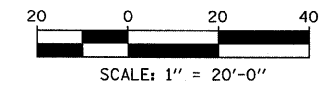
SCALE: 1"=20'  
 DATE: FEBRUARY 13, 2009  
 DRAWN BY: MAF, AMB  
 CHECKED BY: TGB, MI

3/19/2009 11:45:52 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	19
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	60A07	



LOCATION MAP



DETAIL 1  
(LOOKING WEST)

- LEGEND:**
- FENCE REMOVAL
  - TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6 OR CALLED OUT)
  - INLET FILTER

- NOTES:**
1. THE CONTRACTOR SHALL USE THE EXCAVATED MATERIALS FROM THE SIDEWALK CONSTRUCTION TO BACKFILL THE AREA BEHIND THE SIDEWALK. A QUANTITY OF "SEEDING, CLASS 2A" HAS BEEN PROVIDED TO RESEED THE BACKFILLED AREAS.
  2. FOR FENCE MOUNTED ON CONCRETE PAD DETAILS, SEE SHEET 34 OF 45.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED PLAN**  
 ALONG STATE STREET FROM  
 98TH ST. TO 95TH ST.  
 NB I-57 STA. 256+00 TO  
 NB RYAN STA. 2206+00

SCALE: 1"=20'  
 DATE: FEBRUARY 13, 2009

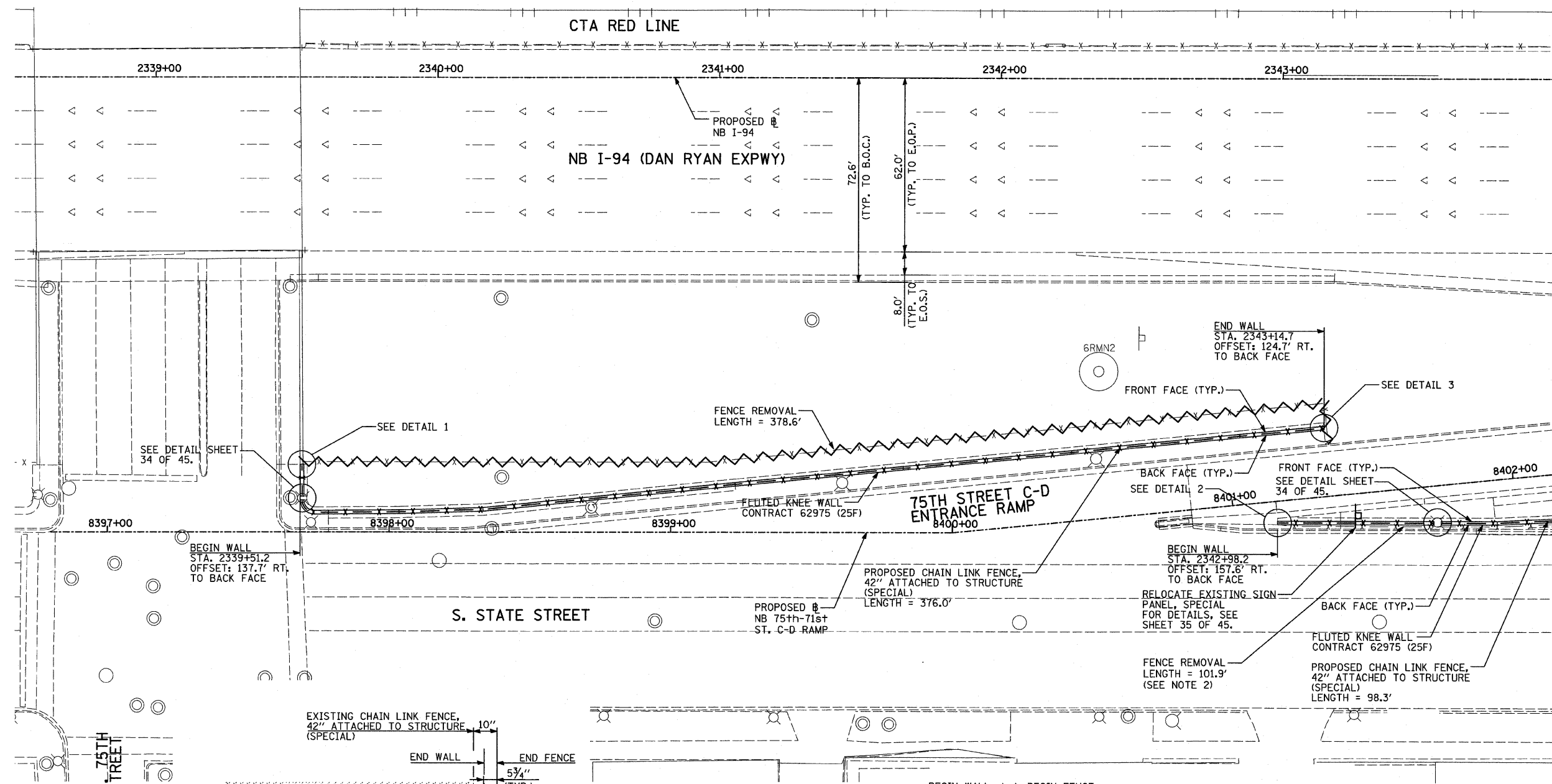
DRAWN BY: MAF, AMB  
 CHECKED BY: TGB, MI

**TYLIN** INTERNATIONAL

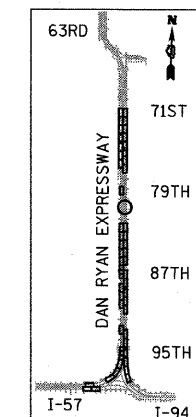
3/19/2009 11:45:54 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	20
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

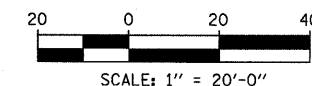
60A07



MATCHLINE NB STA. 2344+00.00



LOCATION MAP

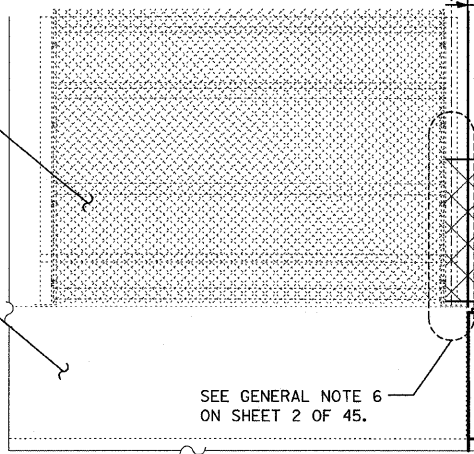


**LEGEND:**

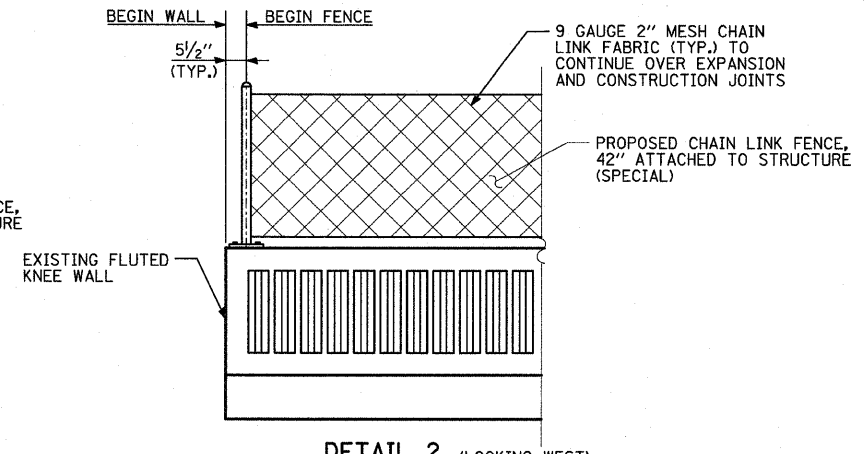
FENCE REMOVAL

**NOTES:**

1. FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.
2. REMOVAL PATTERN FOR EXISTING FENCE NOT SHOWN FOR CLARITY.



**DETAIL 1**  
(LOOKING NORTH)



**DETAIL 2** (LOOKING WEST)  
**DETAIL 3** (OPPOSITE HAND)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2338+50.00 TO STA. 2344+00.00  
 CONTRACT 25F LOCATION

SCALE: 1"=20'  
 DATE: FEBRUARY 13, 2009

DRAWN BY: MAF, AMB  
 CHECKED BY: TGB, MI

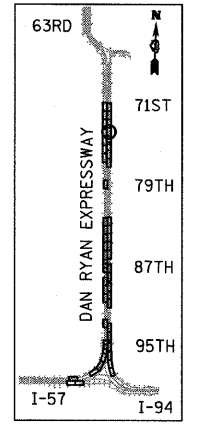
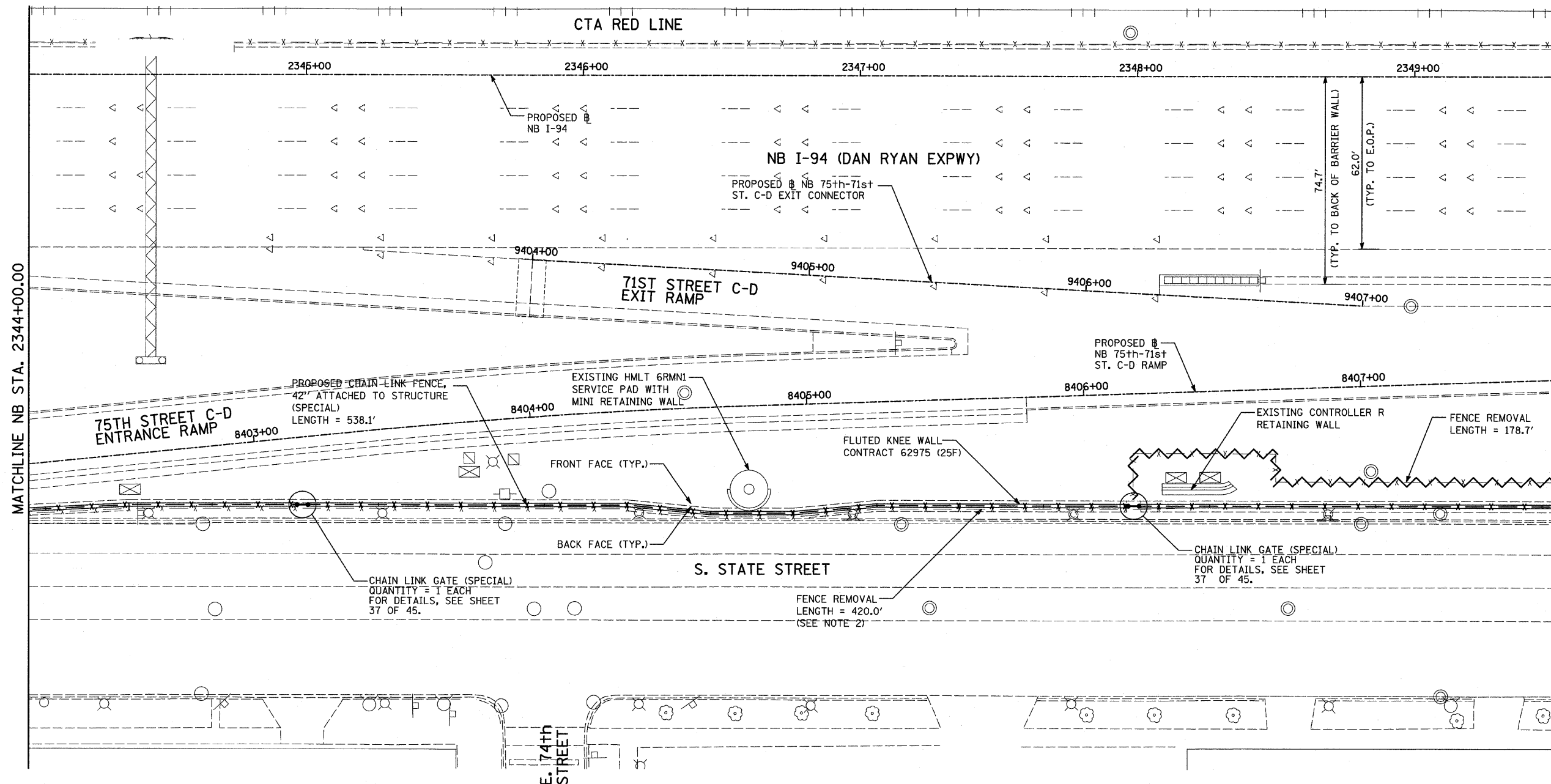
**TYLIN INTERNATIONAL**

SEE GENERAL NOTE 6 ON SHEET 2 OF 45.

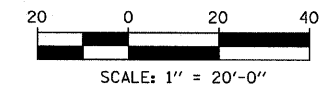
3/19/2009 11:45:56 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	21
STA. 135+99.6 (SB I-57) TO STA. 2031+23.0 (NB FORD)		TO STA. 1364+78.8 (SB RYAN) TO STA. 2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

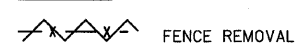
60A07



LOCATION MAP



**LEGEND:**



**NOTES:**

1. FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.
2. REMOVAL PATTERN FOR EXISTING FENCE NOT SHOWN FOR CLARITY.

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

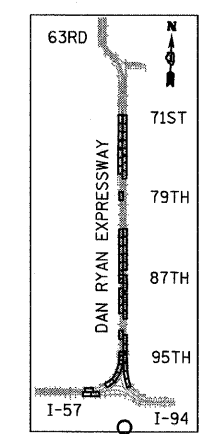
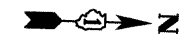
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2344+00.00 TO STA. 2349+50.00**  
**CONTRACT 25F LOCATION**

SCALE: 1"=20'  
DATE: FEBRUARY 13, 2009  
DRAWN BY: MAF, AMB  
CHECKED BY: TGB, MI

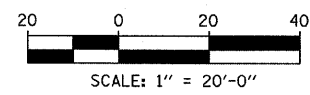
3/19/2009 11:45:57 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	22
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)		TO STA. 1364+99.1 (NB RYAN)		
STA. 2031+23.0 (NB FORD)		2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

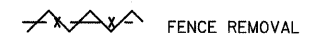
60A07



LOCATION MAP



**LEGEND:**



**NOTES:**

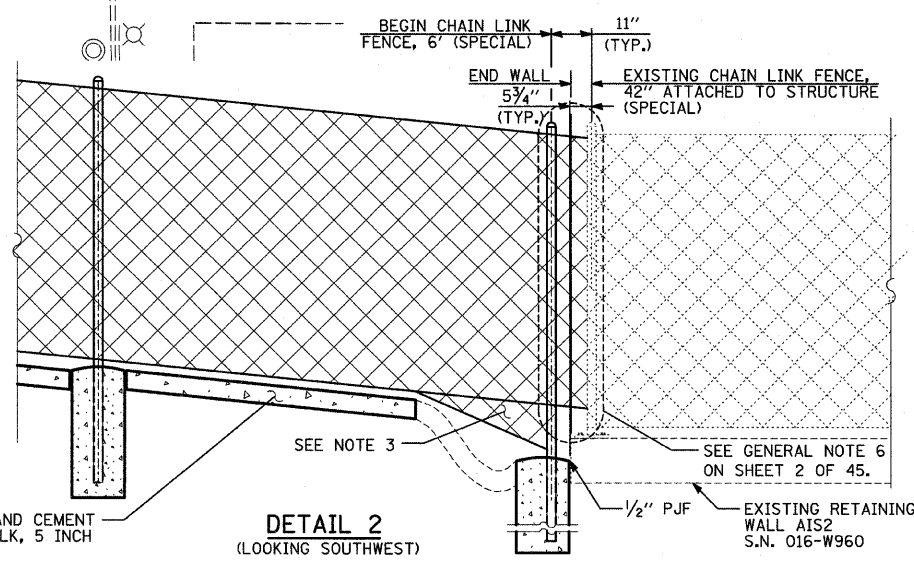
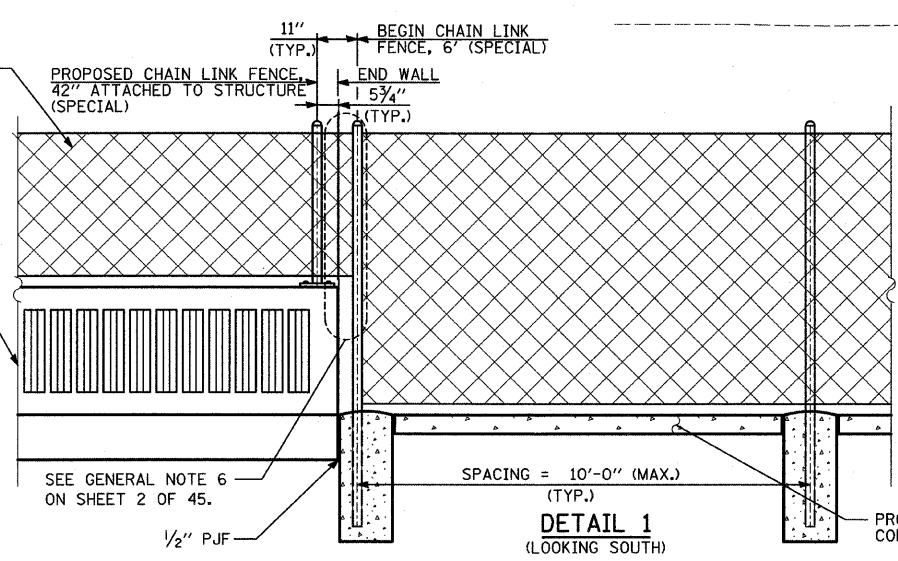
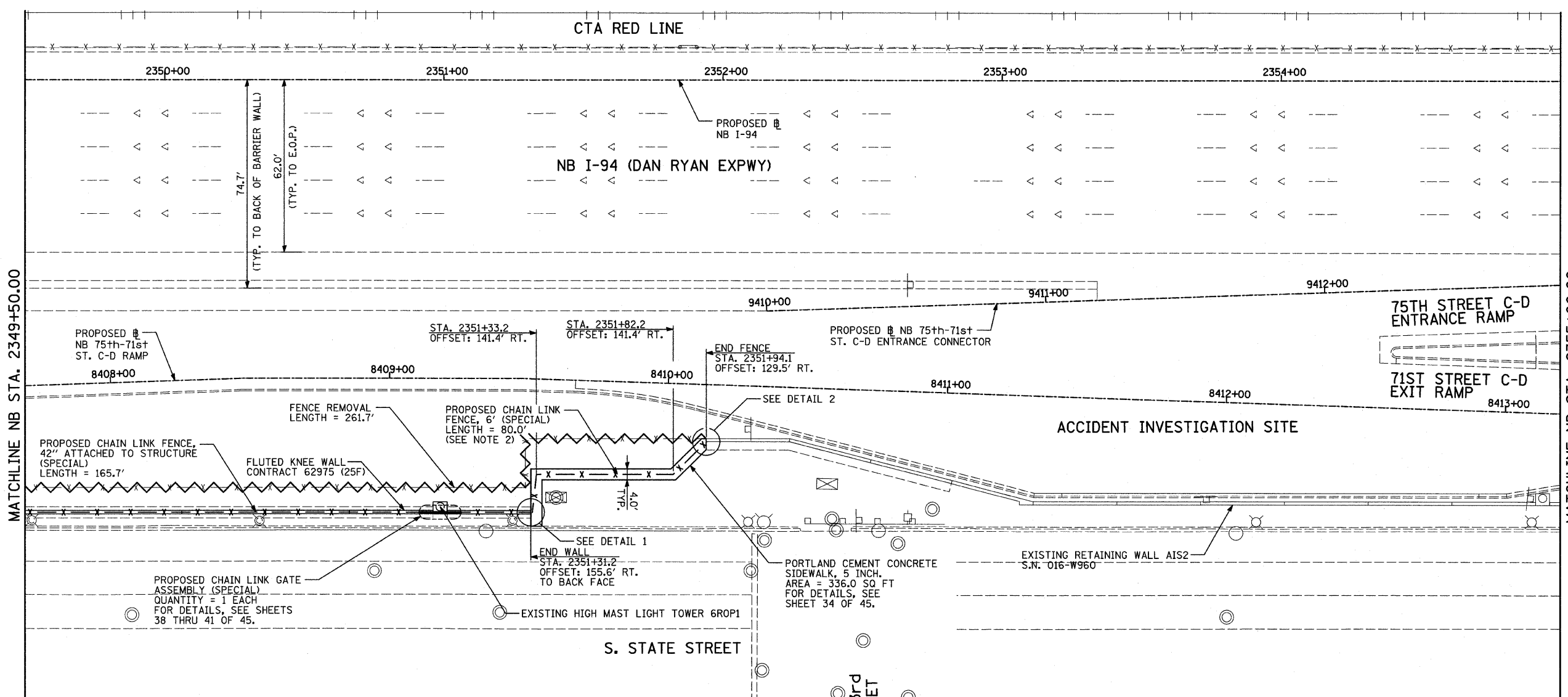
- FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.
- PROPOSED FENCE SHALL TIE INTO THE FENCE ON RETAINING WALL AIS2 (S.N. 016-W960) AND TO THE FENCE ON KNEE WALL.
- THE CONTRACTOR IS RESPONSIBLE TO CLOSE THE GAP ABOVE THE SWALE. COST INCLUDED WITH "CHAIN LINK FENCE, 6' (SPECIAL)".
- FOR CHAIN LINK GATE ASSEMBLY (SPECIAL), SEE SHEETS 38 THRU 41 OF 45.
- THE CONTRACTOR SHALL USE THE EXCAVATED MATERIALS FROM THE SIDEWALK CONSTRUCTION TO BACKFILL THE AREA BEHIND THE SIDEWALK. A QUANTITY OF "SEEDING, CLASS 2A" HAS BEEN PROVIDED TO RESEED THE BACKFILLED AREAS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2349+50.00 TO STA. 2355+00.00**  
**CONTRACT 25F LOCATION**

SCALE: 1"=20'  
DATE: FEBRUARY 13, 2009

DRAWN BY: MAF, AMB  
CHECKED BY: TGB, MI

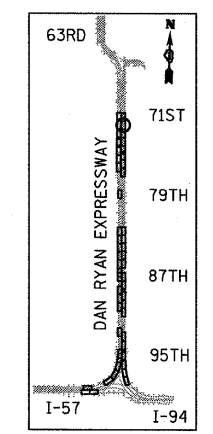
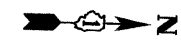
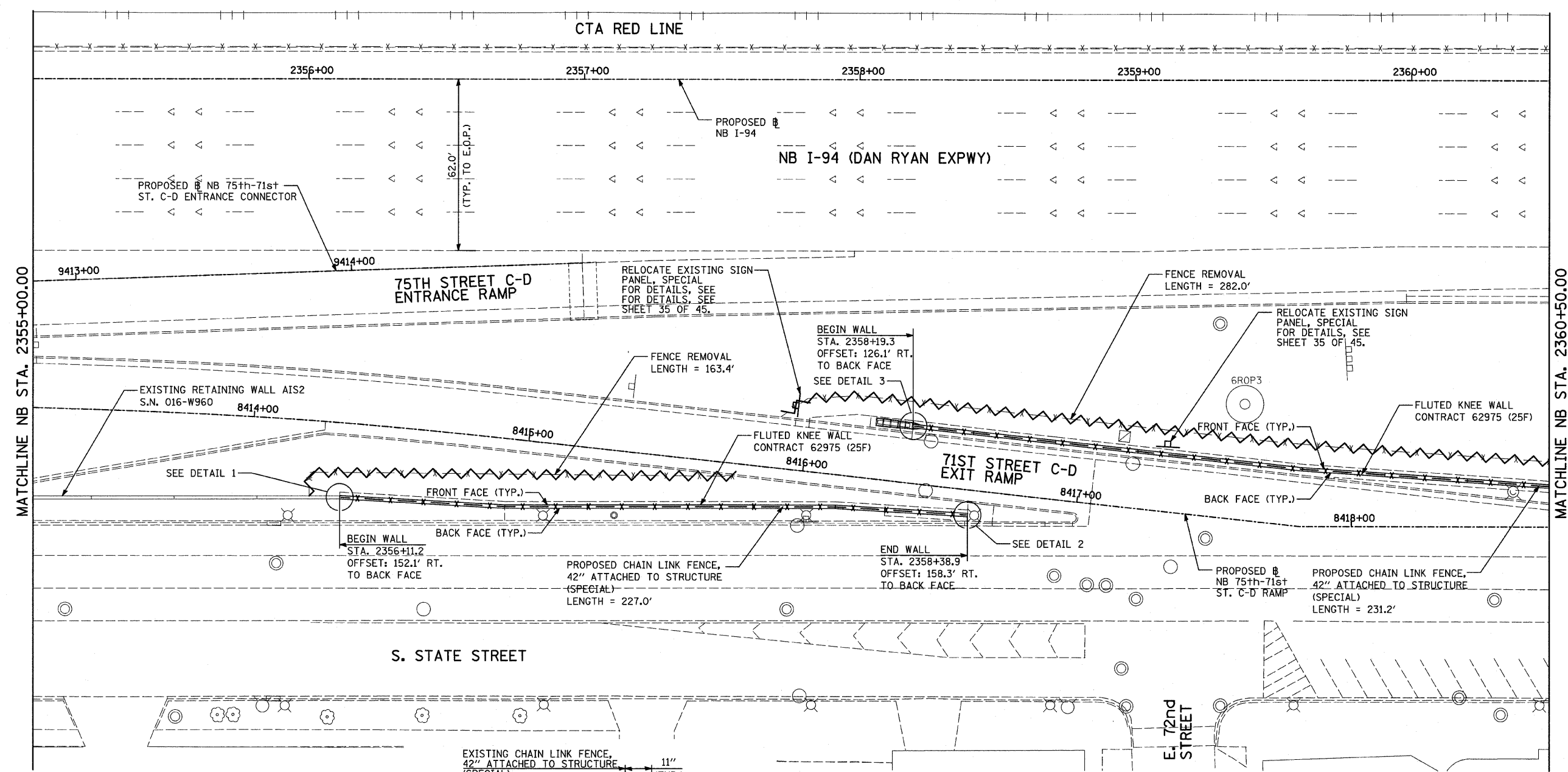


**TYLIN INTERNATIONAL**

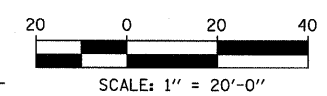


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	23
STA. 135+98.6 (SB I-57) TO STA. 2364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

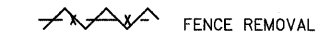
60A07



LOCATION MAP

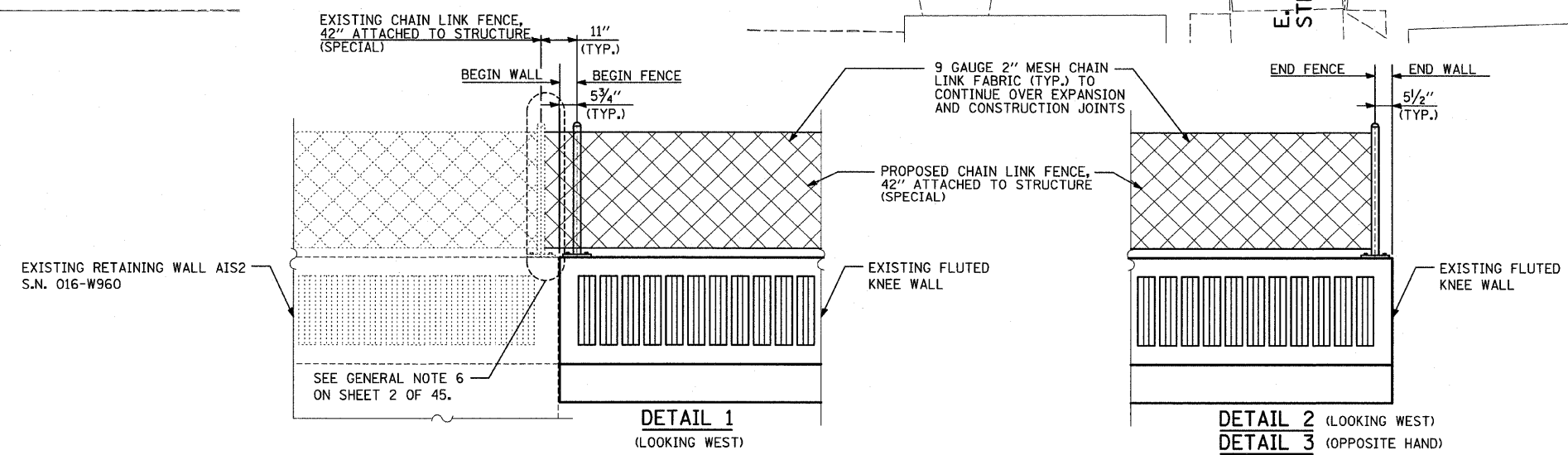


**LEGEND:**



**NOTES:**

- FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.



**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY) PROPOSED PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2355+00.00 TO STA. 2360+50.00**  
**CONTRACT 25F LOCATION**

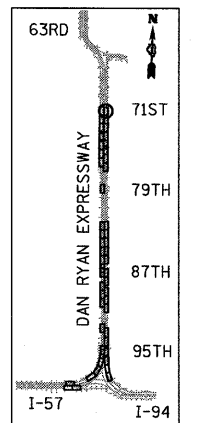
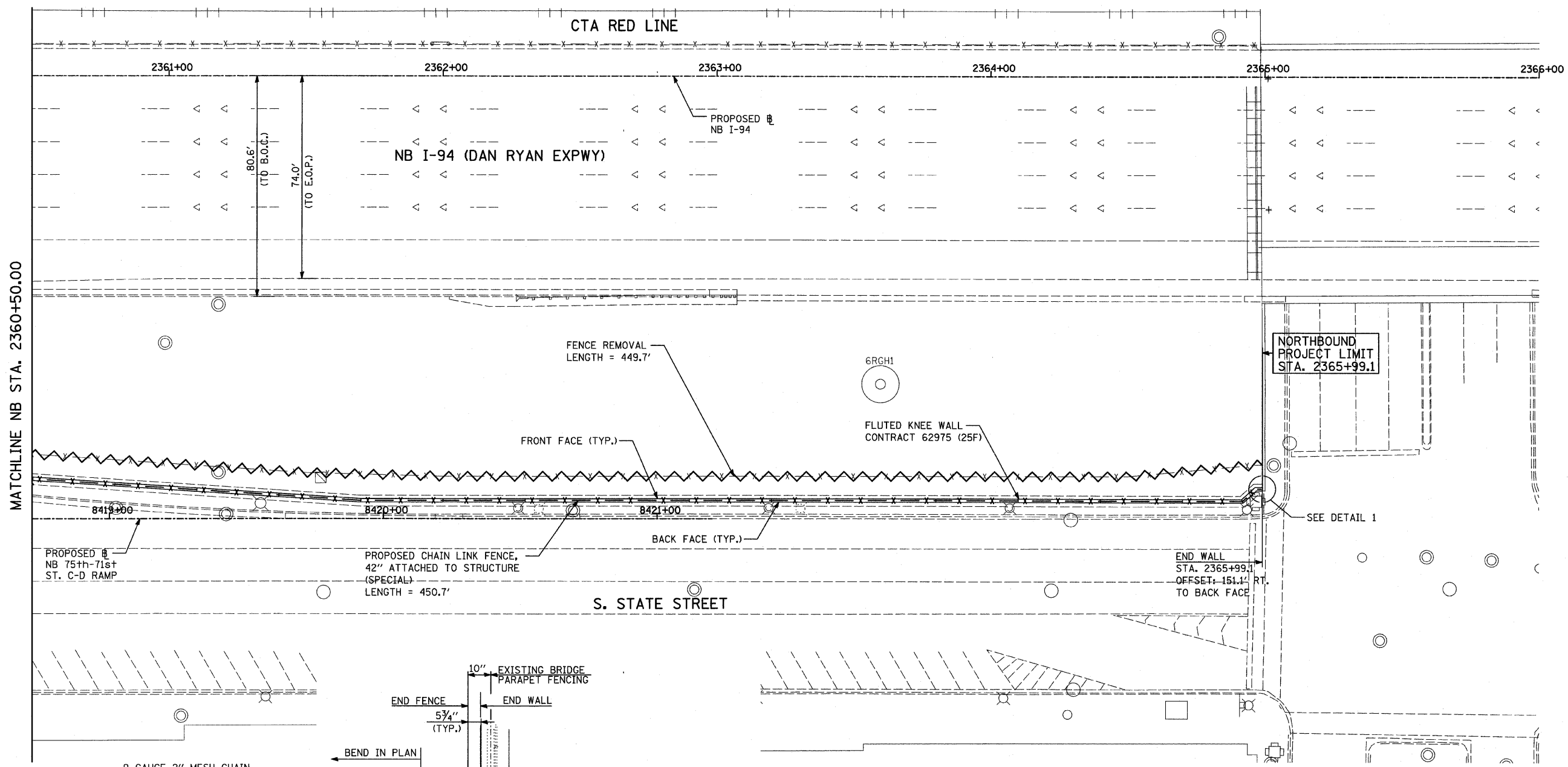
SCALE: 1"=20'  
DATE: FEBRUARY 13, 2009

DRAWN BY: MAF, AMB  
CHECKED BY: TGB, MI

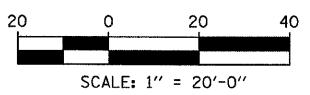
P:\0227\3\road\c339\pp251\1043.dgn  
 3/19/2009 11:46:00 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	24
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

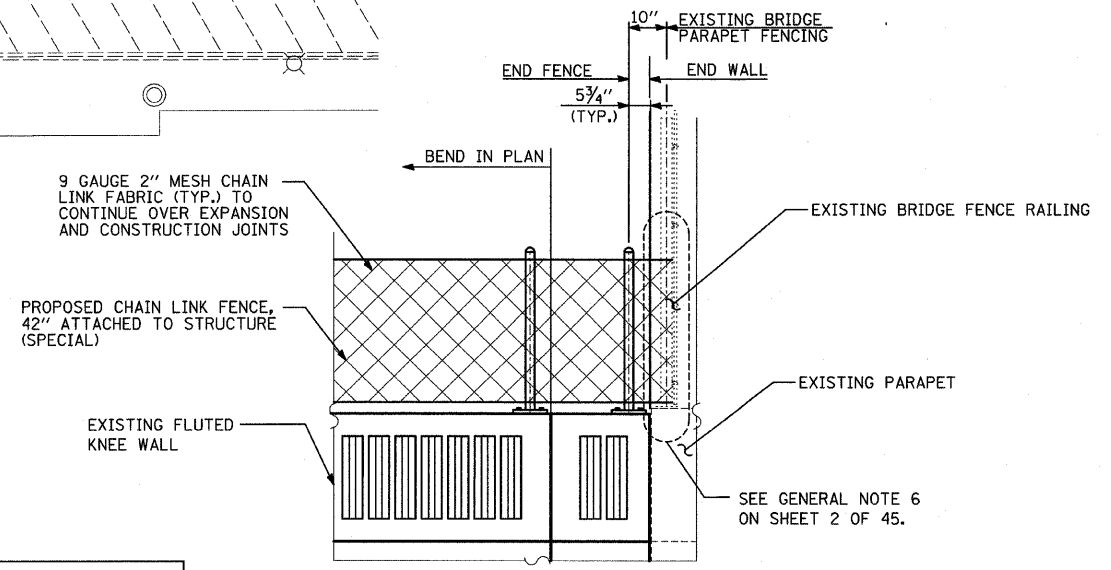
60A07



LOCATION MAP

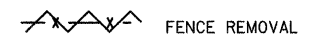


MATCHLINE NB STA. 2360+50.00



**DETAIL 1**  
(LOOKING WEST)

**LEGEND:**



**NOTES:**

1. FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2360+50.00 TO STA. 2366+00.00**  
**CONTRACT 25F LOCATION**

SCALE: 1"=20'  
DATE: FEBRUARY 13, 2009

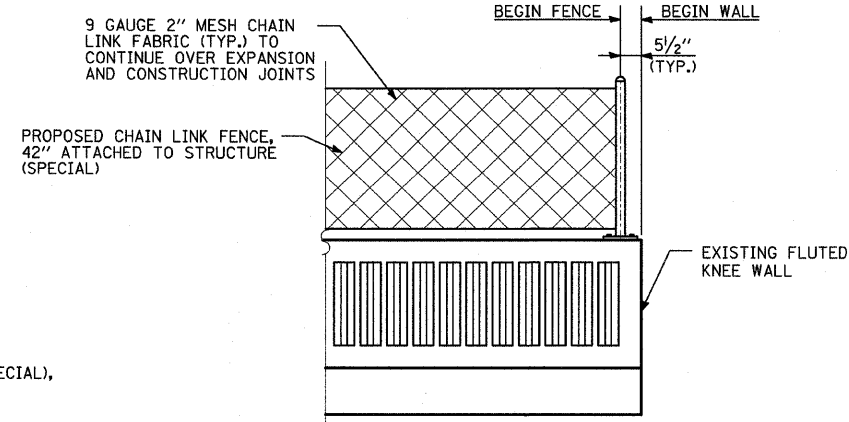
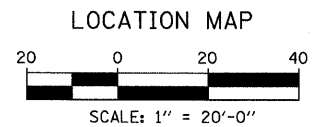
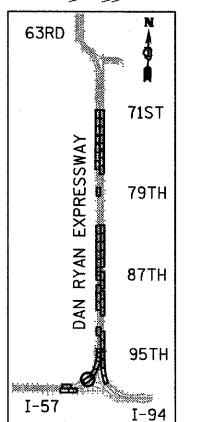
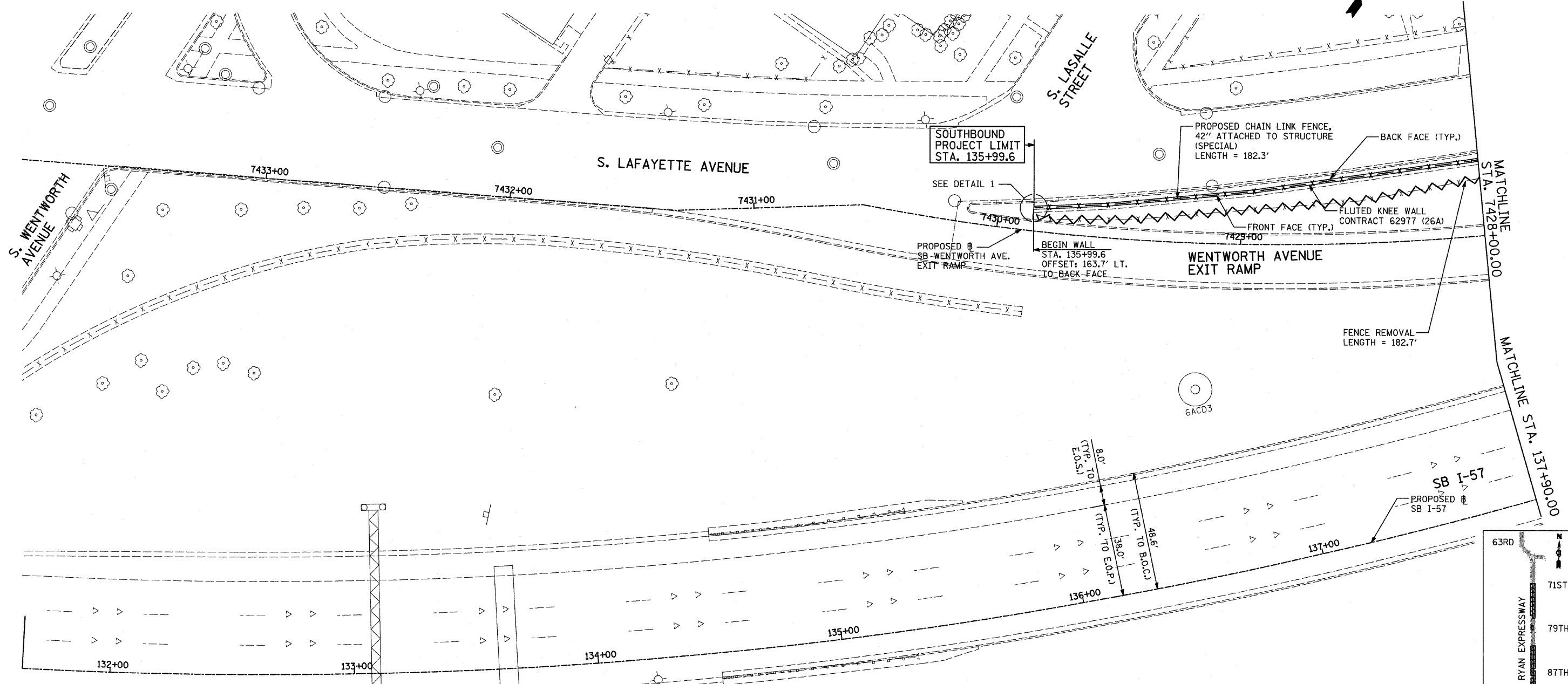
DRAWN BY: AMB, MAF  
CHECKED BY: TGB, MI

**TYLIN** INTERNATIONAL

PA02-37-3 road-639 pp25f 6/05 3a.dgn 11:46:01 AM 3/19/2009

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	25
STA. 135+99.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

60A07



**LEGEND:**

FENCE REMOVAL

**NOTES:**

- FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED PLAN  
 SB I-57  
 STA. 131+64.14 TO STA. 137+90.00  
 CONTRACT 26A LOCATION

SCALE: 1"=20'  
 DATE: FEBRUARY 13, 2009

DRAWN BY: AMB, MAF  
 CHECKED BY: TGB, MI

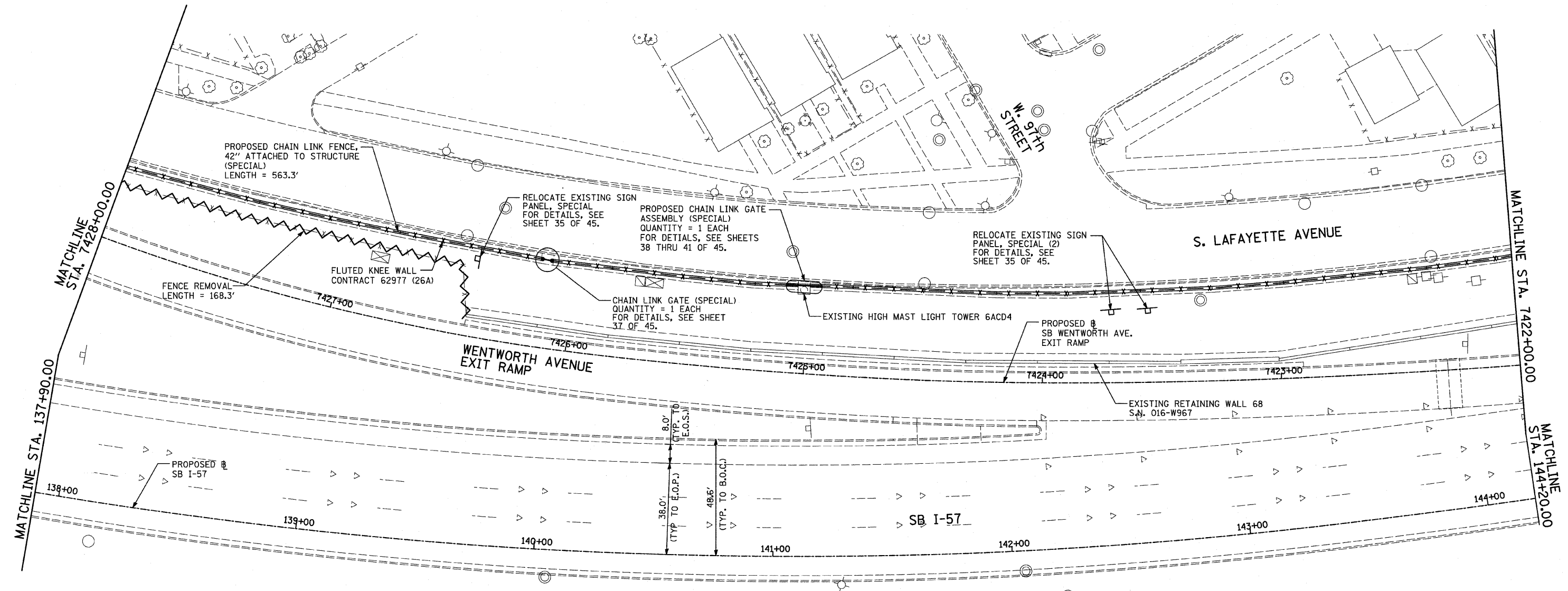
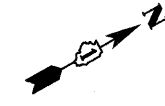
**TYLIN** INTERNATIONAL

**DETAIL 1**  
(LOOKING SOUTH)

3/19/2009 11:46:02 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	26
STA. 135+99.6 (SB I-57)		TO STA. 1364+78.8 (SB RYAN)		
STA. 2031+23.0 (NB I-57)		TO STA. 2384+93.1 (NB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60A07

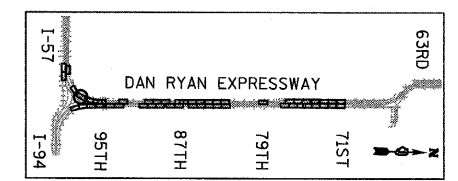


**LEGEND:**

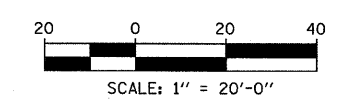
FENCE REMOVAL

**NOTES:**

1. FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.
2. FOR PROPOSED CHAIN LINK GATE ASSEMBLY (SPECIAL), SEE SHEET 38 THRU 41 OF 45.
3. FOR PROPOSED CHAIN LINK GATE (SPECIAL), SEE SHEET 37 OF 45.



LOCATION MAP



**TYLIN** INTERNATIONAL

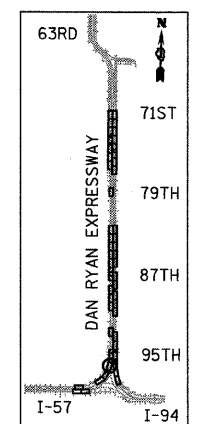
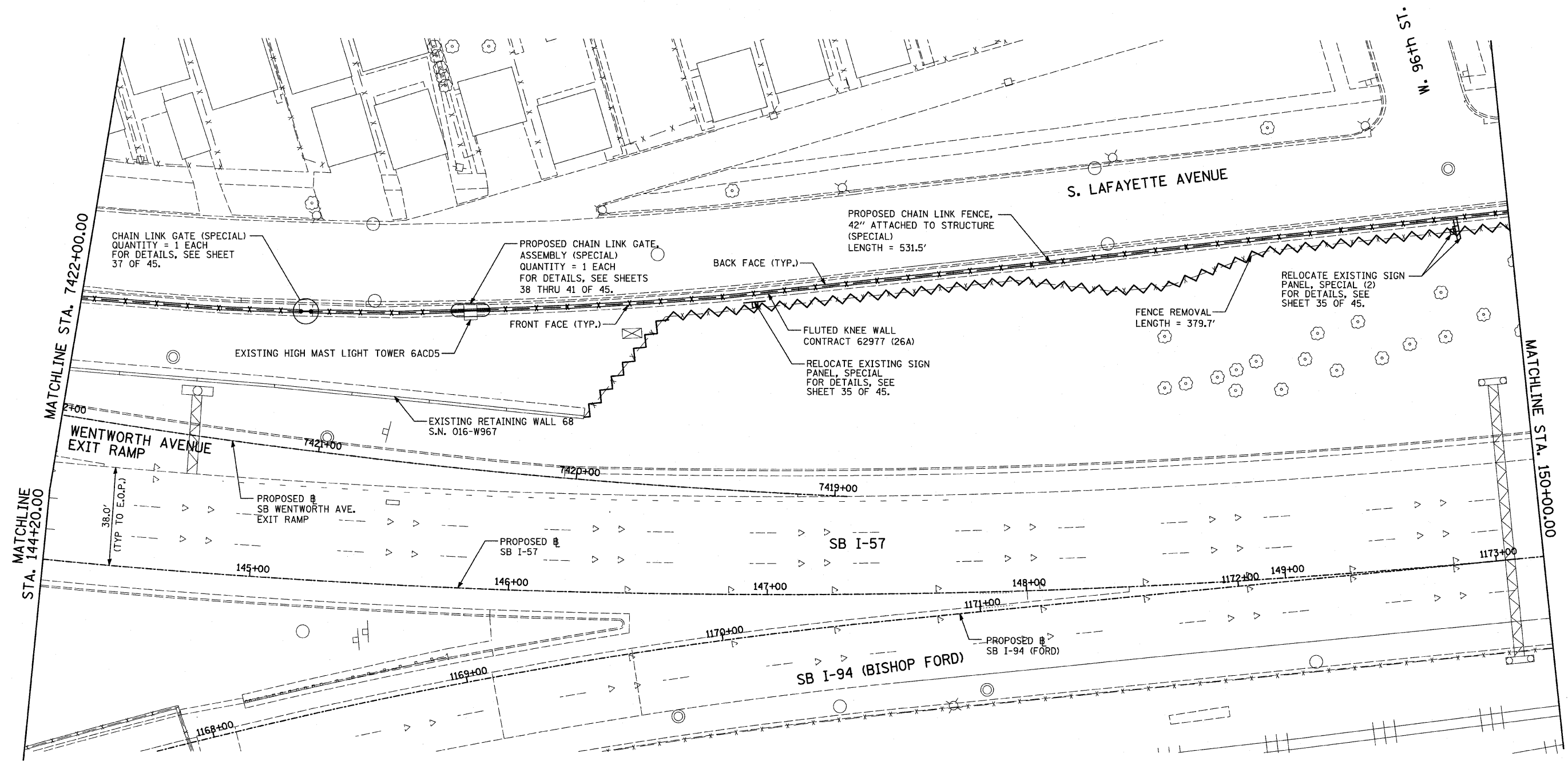
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**SB I-57**  
**STA. 137+90.00 TO STA. 144+20.00**  
**CONTRACT 26A LOCATION**  
 SCALE: 1"=20' DRAWN BY: AMB, MAF  
 DATE: FEBRUARY 13, 2009 CHECKED BY: TGB, MI

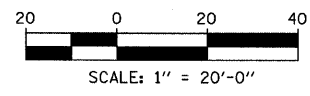
3/19/2009 11:46:03 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	27
STA. 135+99.6 (SB I-57)		TO STA. 1364+78.8 (SB RYAN)		
STA. 2031+23.0 (NB FORD)		TO STA. 2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07



LOCATION MAP



**LEGEND:**

FENCE REMOVAL

**NOTES:**

1. FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.
2. FOR PROPOSED CHAIN LINK GATE ASSEMBLY (SPECIAL), SEE SHEET 38 THRU 41 OF 45.
3. FOR PROPOSED CHAIN LINK GATE (SPECIAL), SEE SHEET 37 OF 45.

**TYLIN** INTERNATIONAL

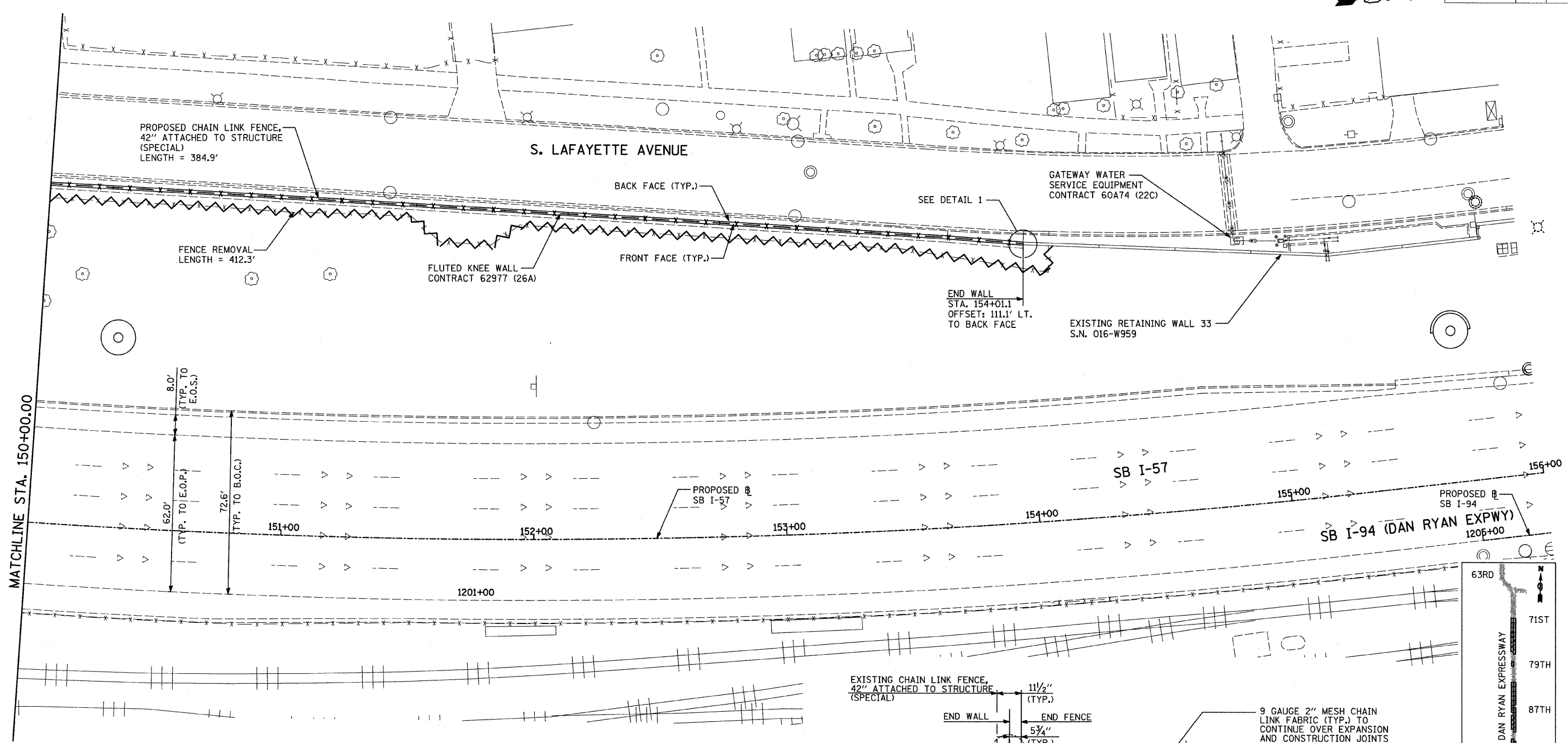
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**PROPOSED PLAN**  
 SB I-57  
 STA. 144+20.00 TO STA. 150+00.00  
 CONTRACT 26A LOCATION  
 SCALE: 1"=20' DRAWN BY: AMB, MAF  
 DATE: FEBRUARY 13, 2009 CHECKED BY: TGB, MI

3/19/2009 11:46:06 AM  
 P:\0237\3\road\639\op26a\1033a.dgn

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-9	COOK	59	28
STA. 117+38.11 (SB I-57) TO STA. 154+09.94 (SB I-57)		STA. 218+95.72 (WB I-57) TO STA. 225+73.12 (WB I-57)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62977

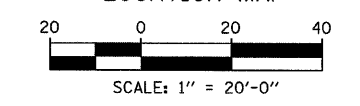
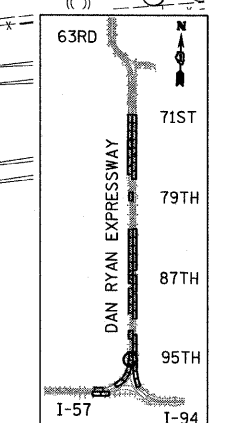
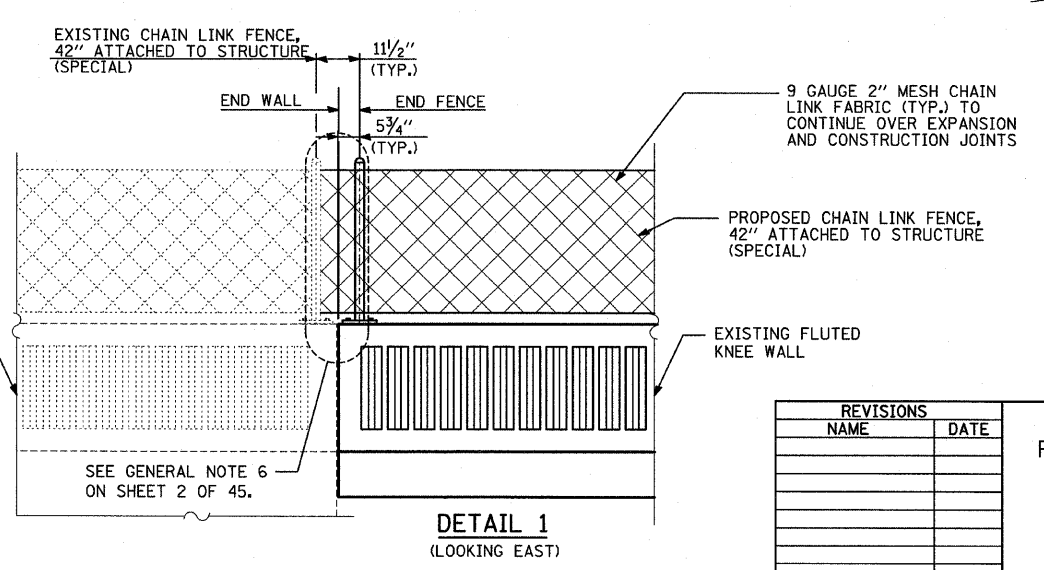


**LEGEND:**

FENCE REMOVAL

**NOTES:**

1. FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY) PROPOSED PLAN**  
 SB I-57  
 STA. 150+00.00 TO STA. 156+00.00  
 CONTRACT 26A LOCATION

SCALE: 1"=20'  
 DATE: JANUARY 16, 2009

DRAWN BY: AMB, MAF  
 CHECKED BY: TGB, MI

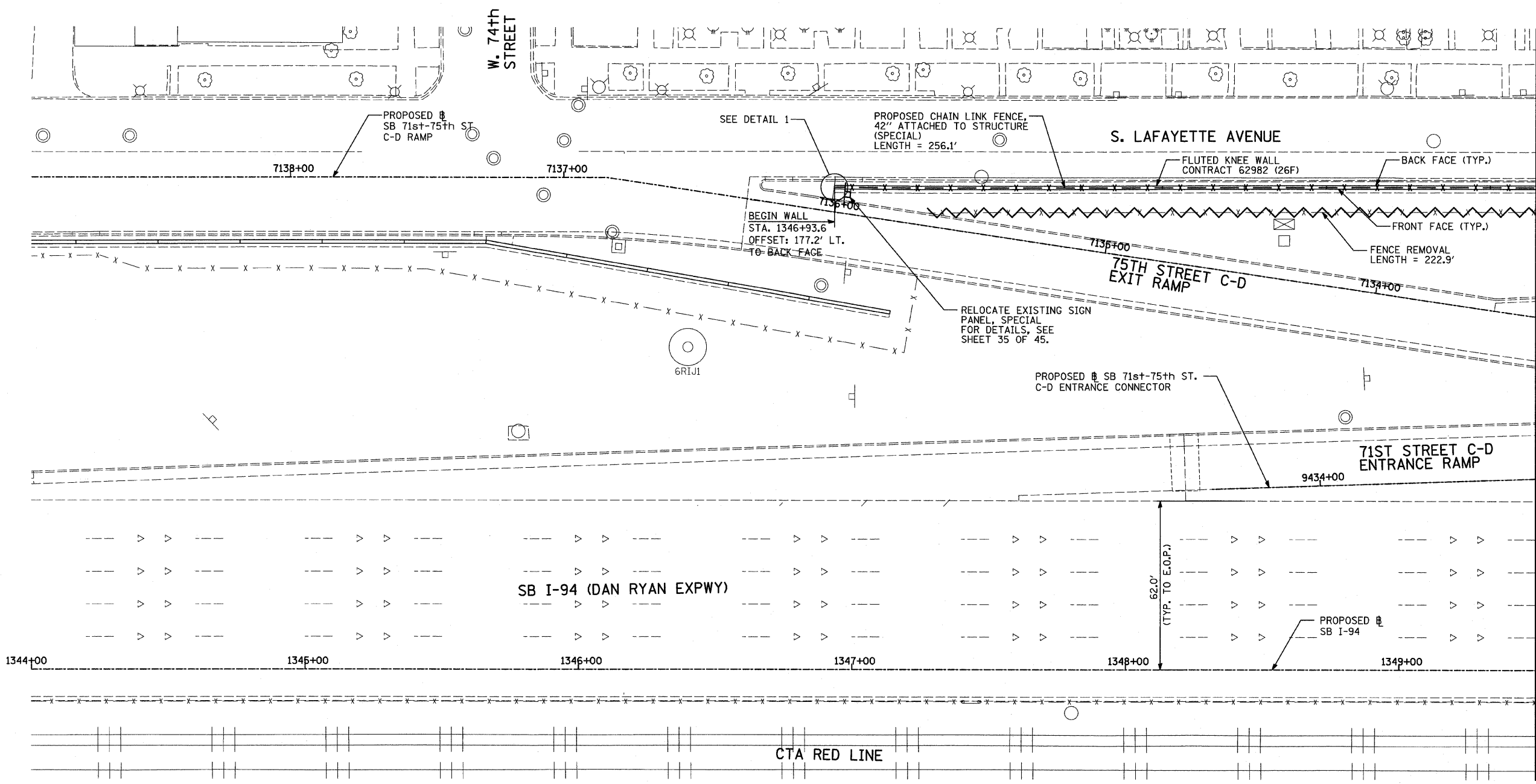
**TYLIN INTERNATIONAL**

3/19/2009 11:46:07 AM

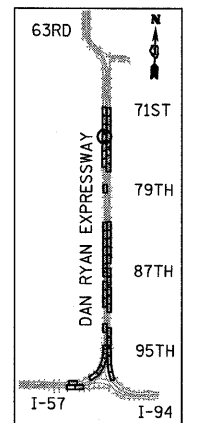


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	29
135+93.6 (SB I-57) TO STA. 2364+99.1 (NB RYAN)		1354+78.8 (SB RYAN) TO STA. 2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

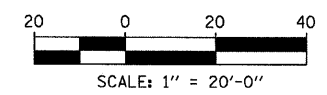
60A07



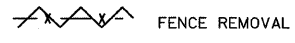
MATCHLINE STA. 1349+50.00



LOCATION MAP

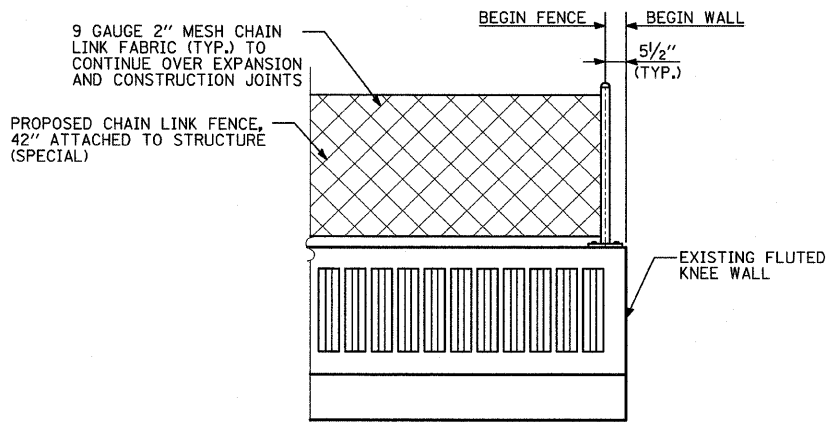


**LEGEND:**



**NOTES:**

- FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.



**DETAIL 1**  
(LOOKING EAST)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**SB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 1344+00.00 TO STA. 1349+50.00**  
**CONTRACT 26F LOCATION**

SCALE: 1"=20'  
DATE: FEBRUARY 13, 2009

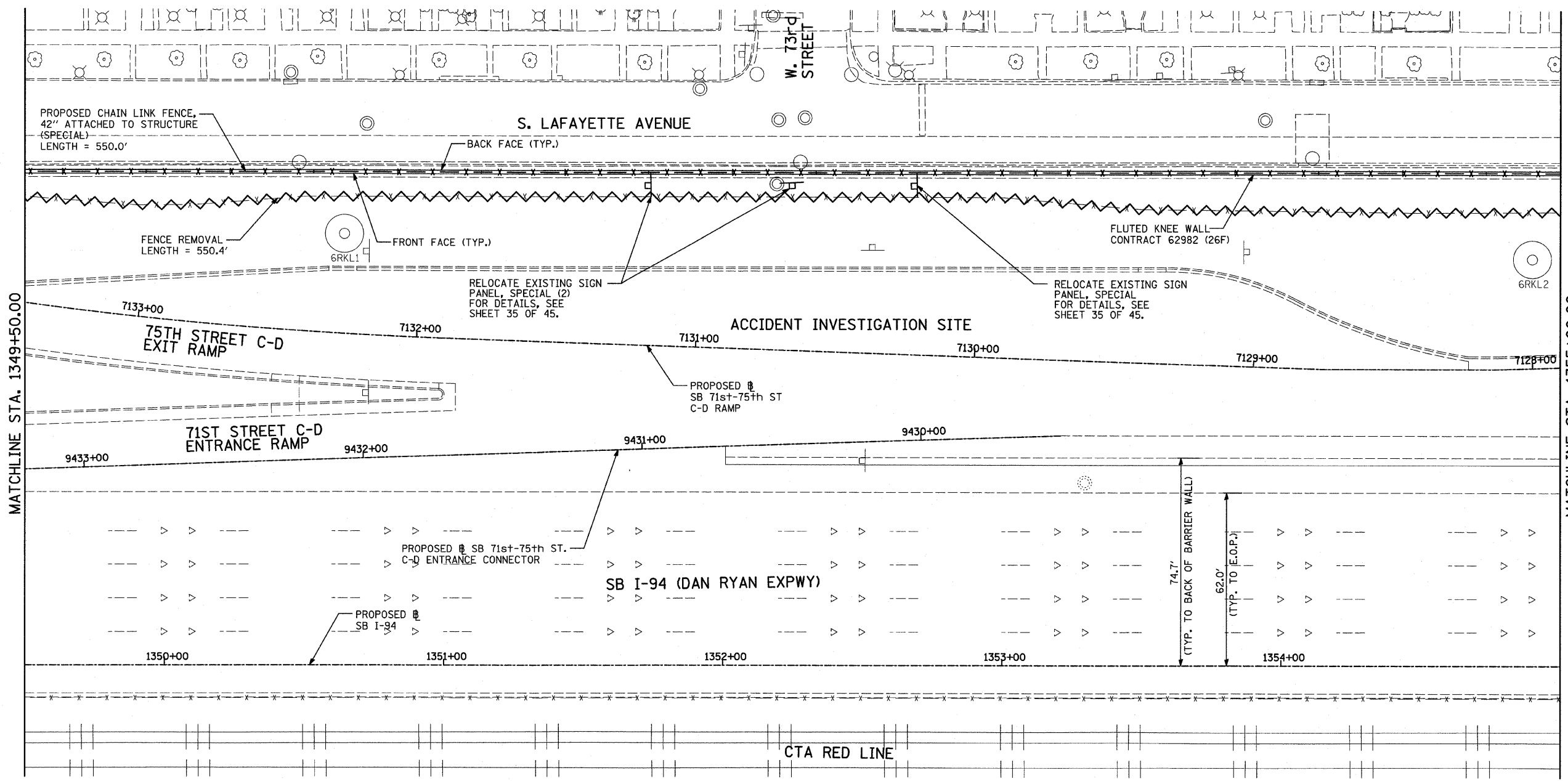
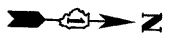
DRAWN BY: MAF, AMB, TB  
CHECKED BY: TGB, MI

**TYLIN** INTERNATIONAL

3/19/2009 11:46:08 AM

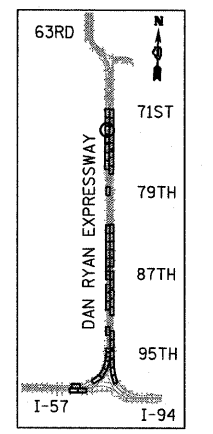
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	30
STA. 135+99.6 (SB I-94) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07

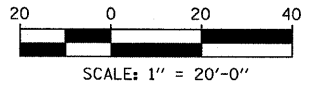


MATCHLINE STA. 1355+00.00

MATCHLINE STA. 1349+50.00



LOCATION MAP



SCALE: 1" = 20'-0"

**LEGEND:**

FENCE REMOVAL

**NOTES:**

- FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**SB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 1349+50.00 TO STA. 1355+00.00**  
**CONTRACT 26F LOCATION**

SCALE: 1"=20'  
DATE: FEBRUARY 13, 2009

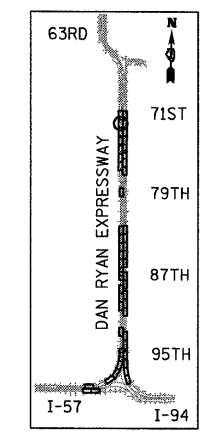
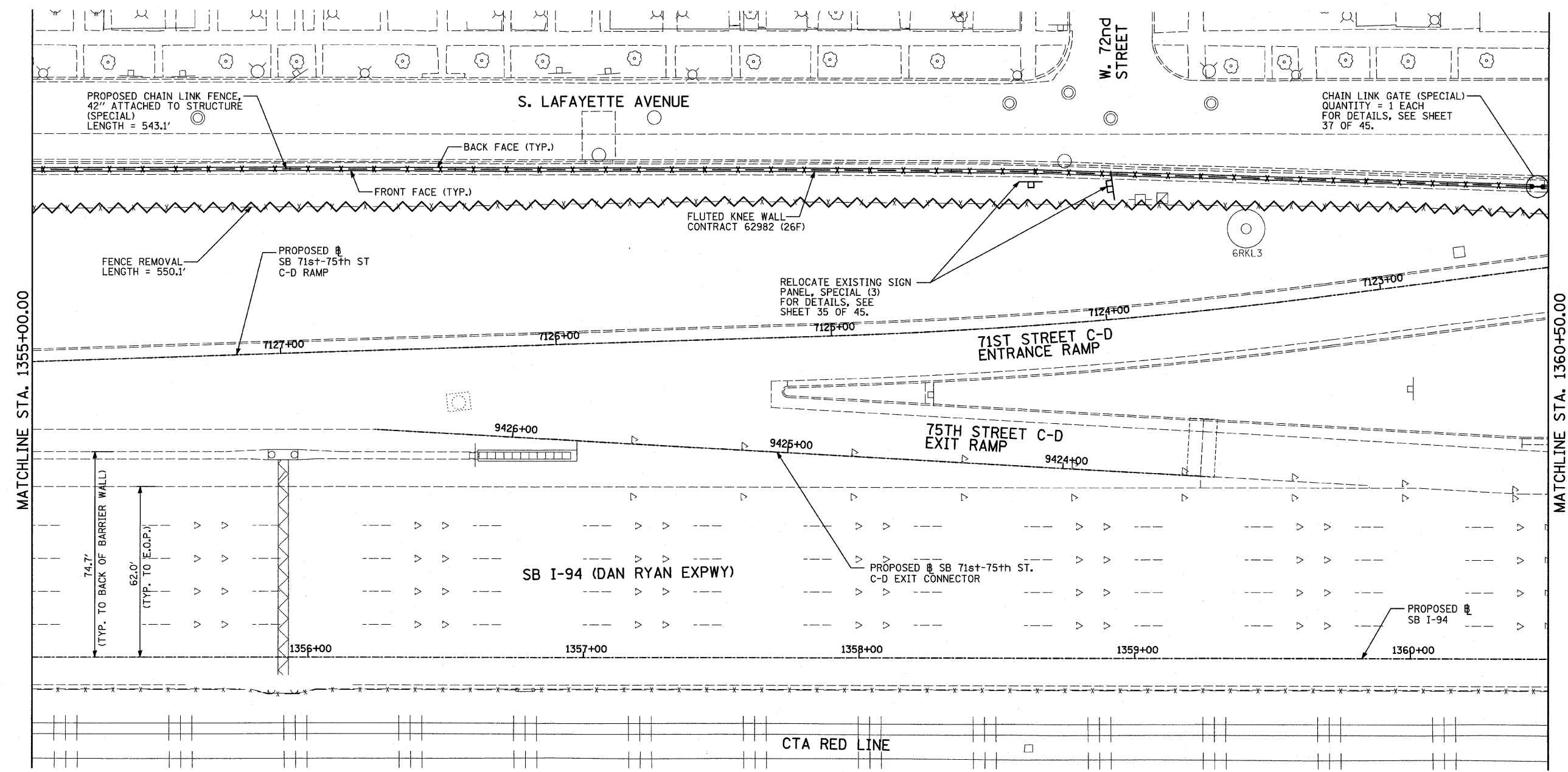
DRAWN BY: MAF, AMB, TB  
CHECKED BY: TGB, MI

**TYLIN** INTERNATIONAL

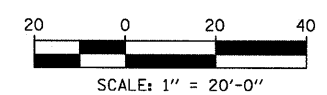
3/19/2009 11:46:09 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	31
STA. 135+99.6 (SB I-57)		TO STA. 1364+78.8 (SB RYAN)		
STA. 2031+23.0 (NB FORD)		TO STA. 2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07



LOCATION MAP



**LEGEND:**

FENCE REMOVAL

**NOTES:**

- FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

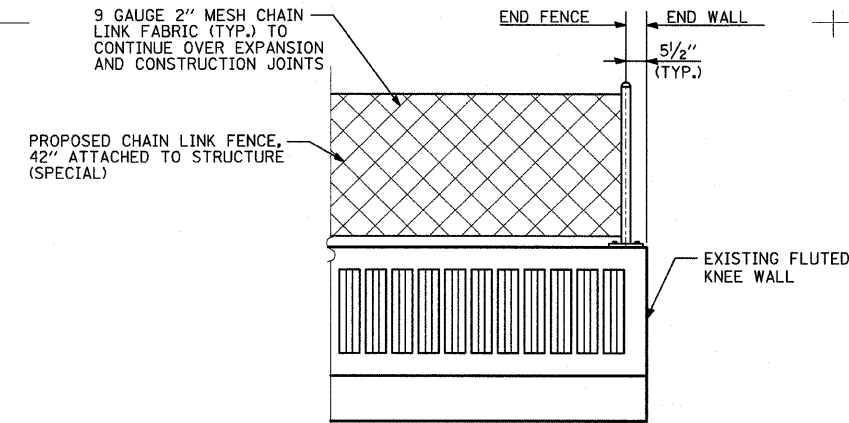
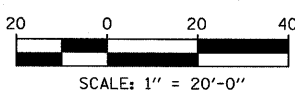
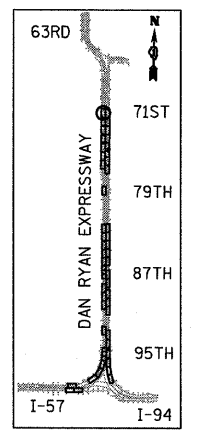
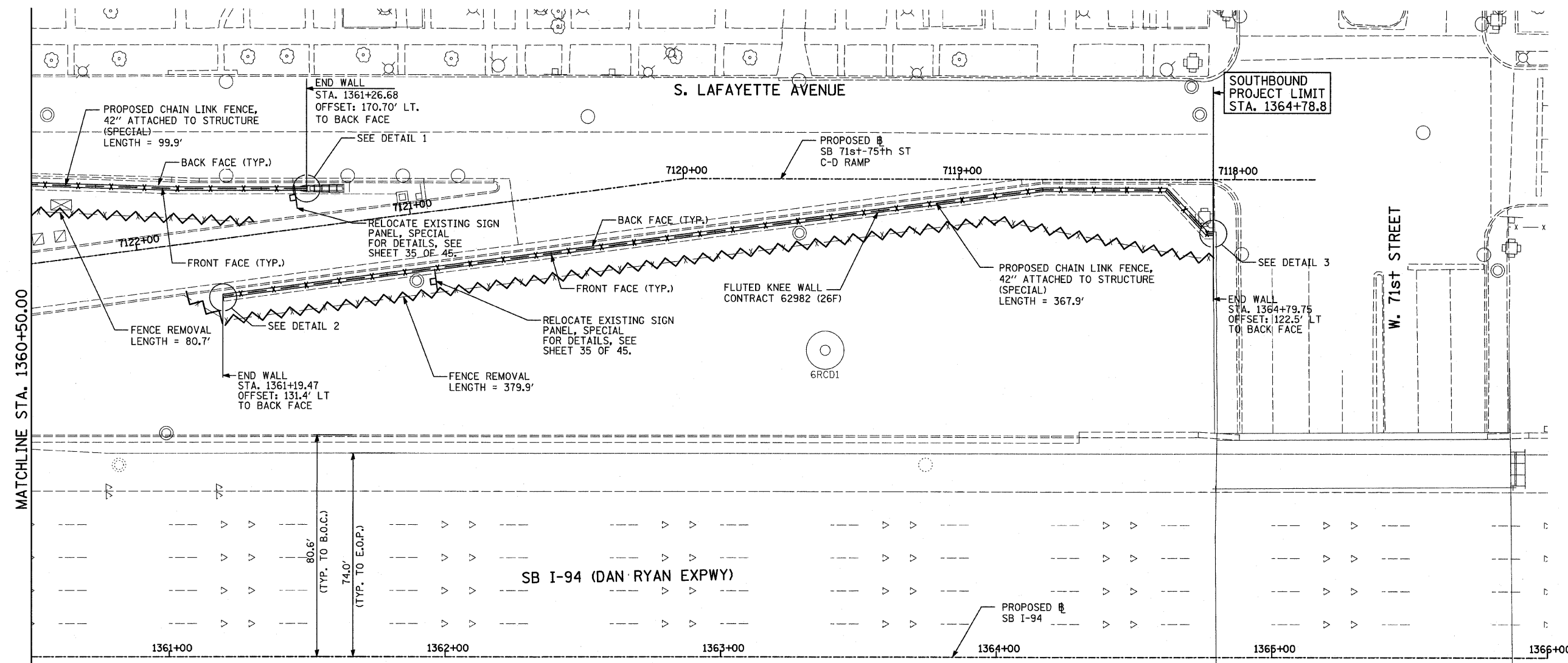
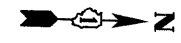
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
 SB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 1355+00.00 TO STA. 1360+50.00  
 CONTRACT 26F LOCATION

SCALE: 1"=20'  
 DATE: FEBRUARY 13, 2009  
 DRAWN BY: MAF, AMB, TB  
 CHECKED BY: TGB, MI

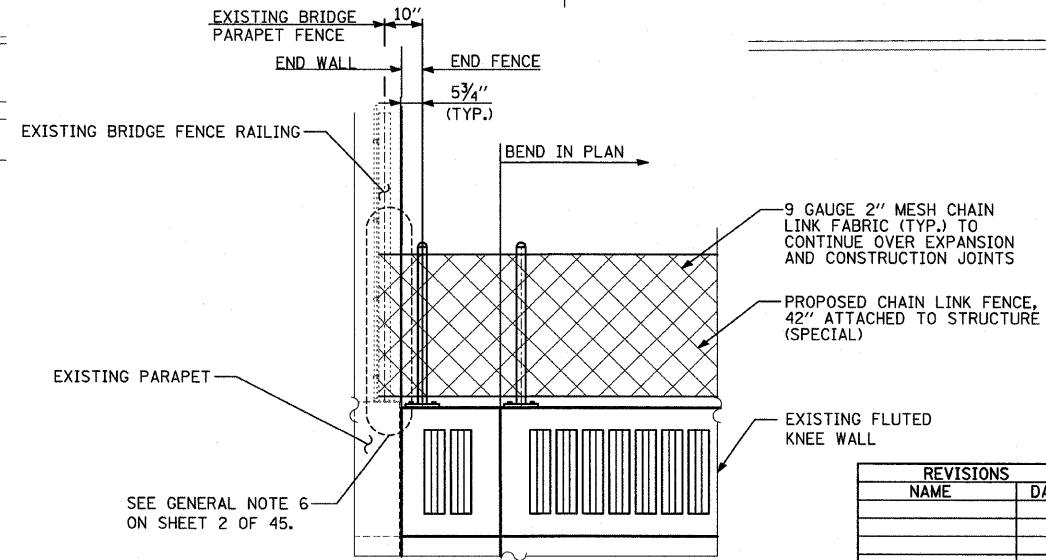
3/19/2009 11:46:10 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	32
STA. 135+95.6 (SB I-57) TO STA. 203+23.0 (WB I-94)		1364+78.8 (SB RYAN) TO STA. 236+499.1 (WB RYAN)		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

60A07



**DETAIL 1** (LOOKING EAST)  
**DETAIL 2** (OPPOSITE HAND)



**DETAIL 3** (LOOKING EAST)

**LEGEND:**  
 FENCE REMOVAL

**NOTES:**  
 1. FOR CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL), SEE SHEET 33 OF 45.

SEE GENERAL NOTE 6 ON SHEET 2 OF 45.

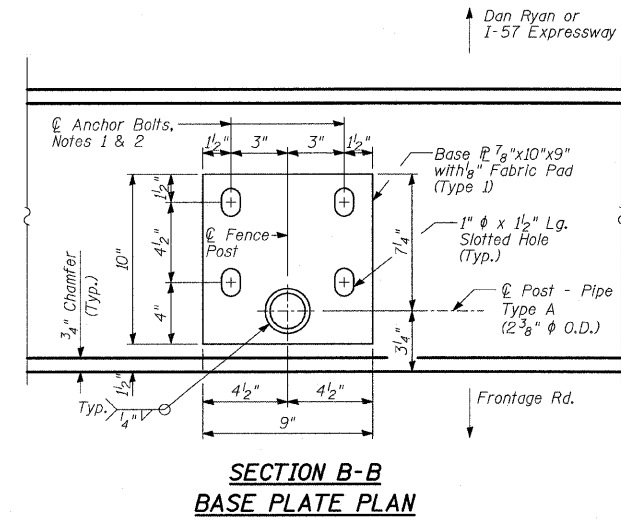
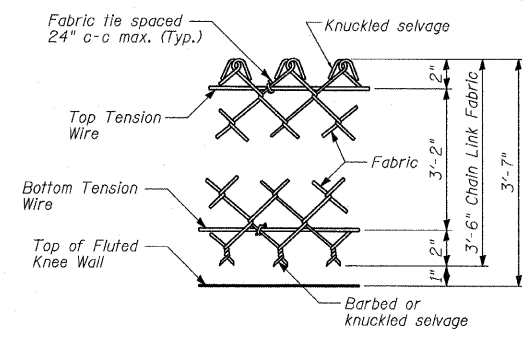
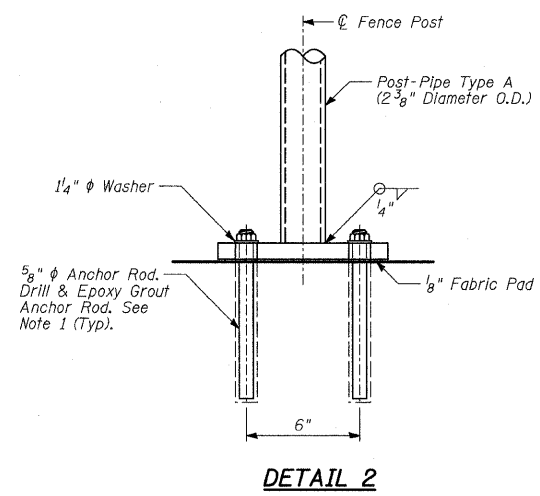
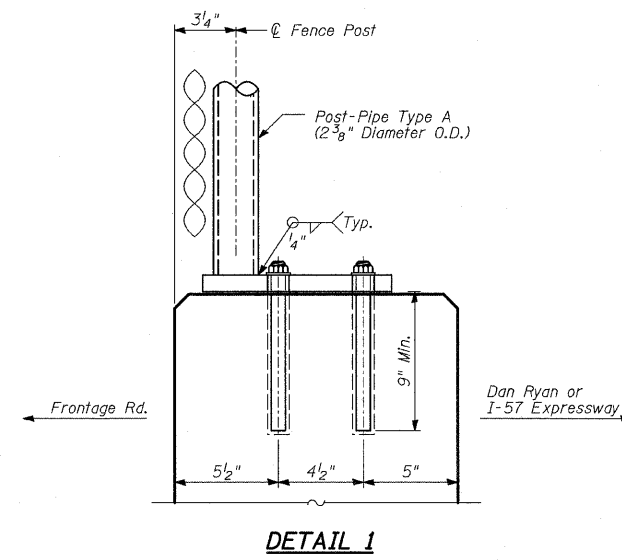
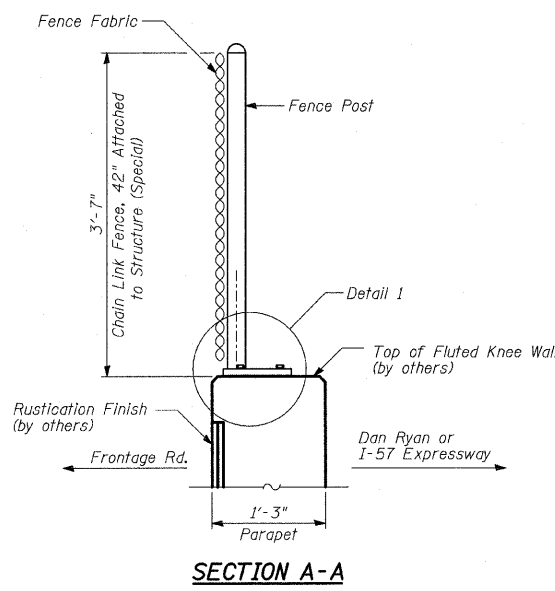
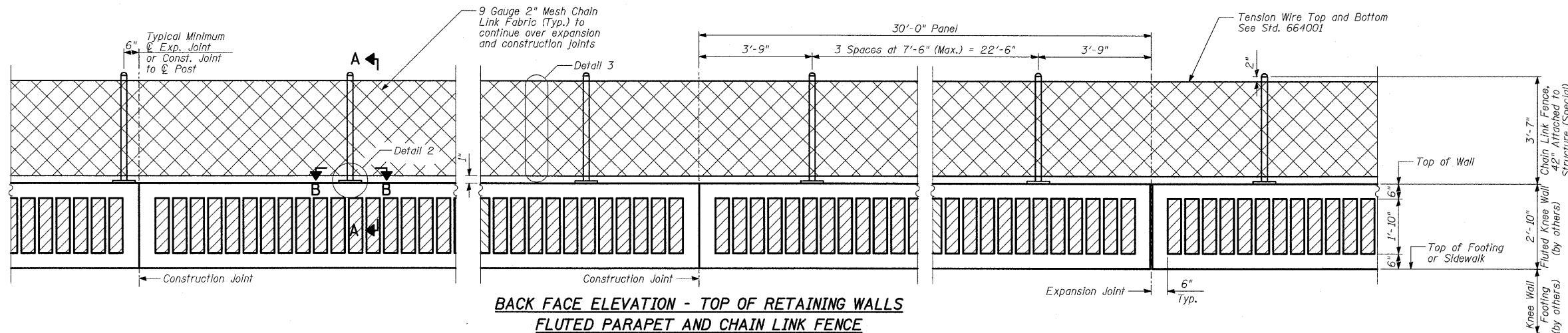
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY) PROPOSED PLAN**  
**SB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 1360+50.00 TO STA. 1366+00.00**  
**CONTRACT 26F LOCATION**

SCALE: 1"=20'  
 DATE: FEBRUARY 13, 2009

DRAWN BY: MAF, AMB, TB  
 CHECKED BY: TGB, MI

**TYLIN INTERNATIONAL**



**BILL OF MATERIAL**

LOCATION	ITEM	UNIT	TOTAL
25F	Chain Link Fence, 42" Attached to Structure (Special)	FOOT	2,087
26A	Chain Link Fence, 42" Attached to Structure (Special)	FOOT	1,662
26F	Chain Link Fence, 42" Attached to Structure (Special)	FOOT	1,817
	Total	FOOT	5,566

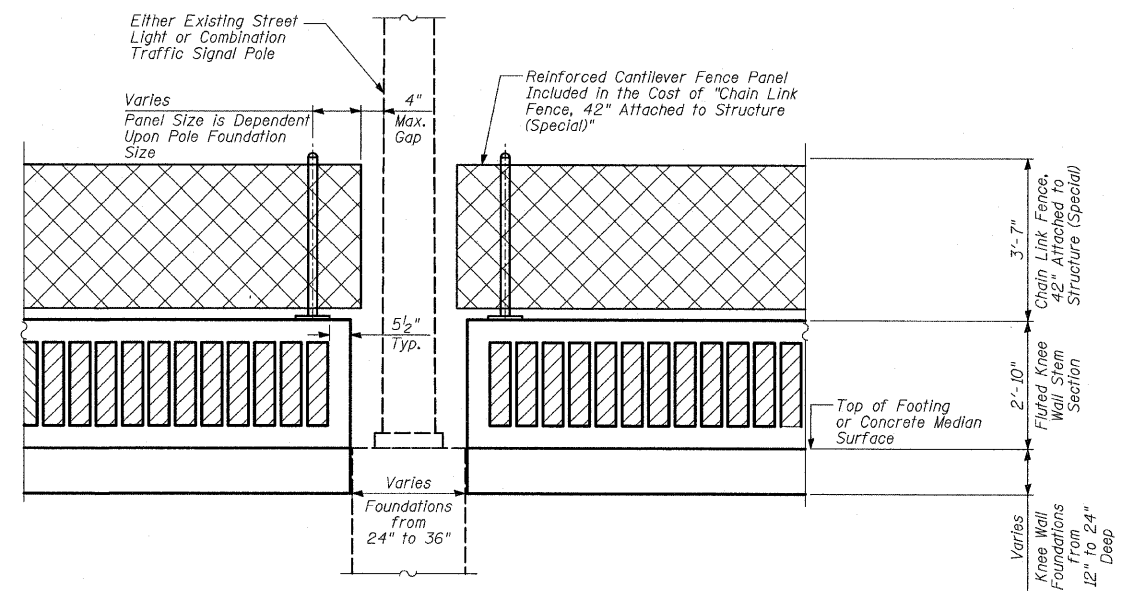
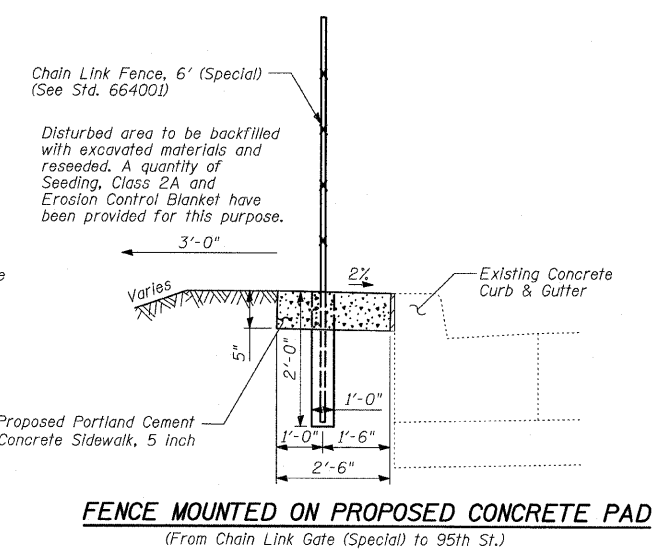
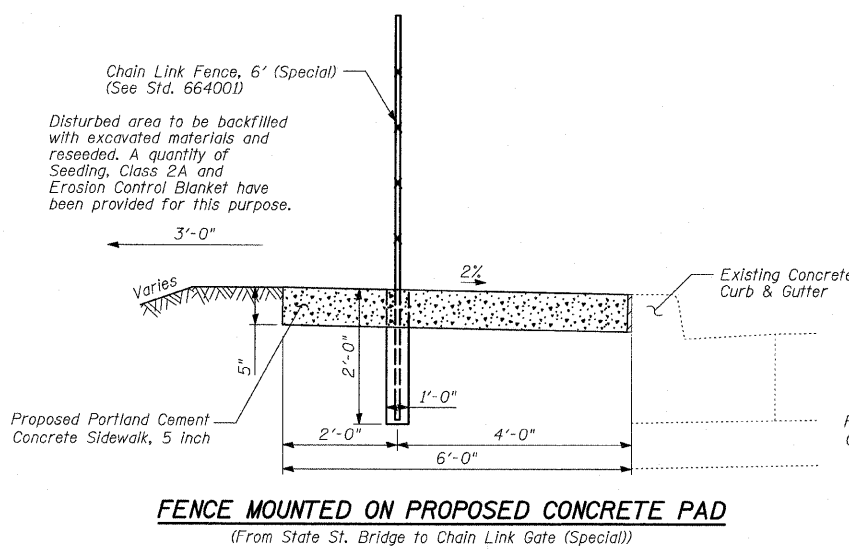
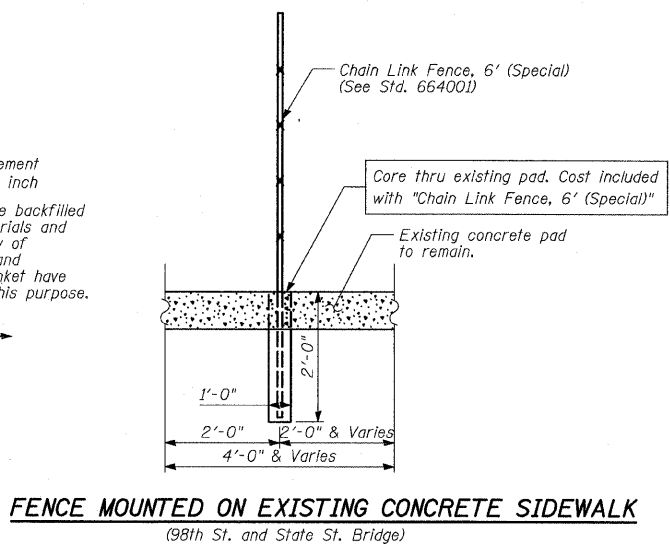
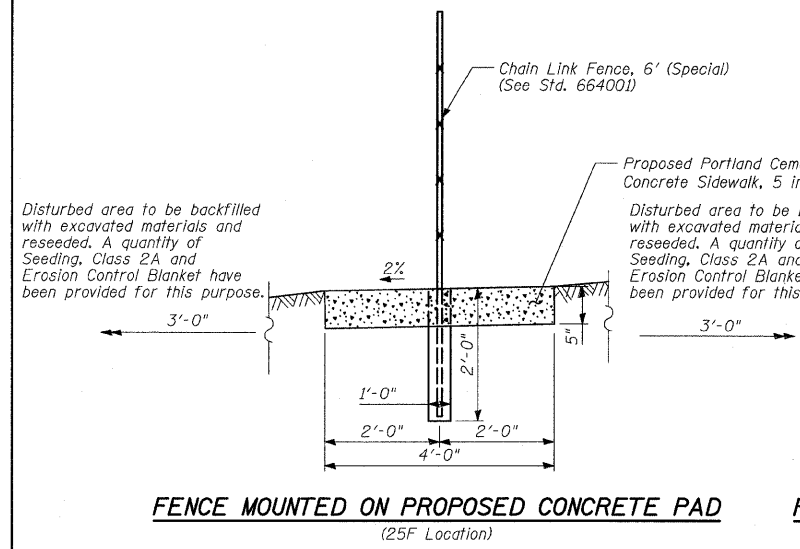
**NOTES:**

- The Contractor shall drill and epoxy grout 5/8" diameter anchor rods. The Contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given prior approval by the Department for the above specified anchor rod spacing. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or adhesive cartridge shall be sealed with pre-measured amounts of adhesive chemical. Anchor rod threading to be peened after nuts are installed.
- For additional chain link fence details, see Standard 664001.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)  CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL) DETAILS
NAME	DATE	
		S.N. SCALE: N.T.S. DATE: FEBRUARY 13, 2009
		DESIGNED BY: MAF DRAWN BY: MAF CHECKED BY: MI

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	34
STA. 135+98.6 (SB I-57) TO STA. 1364+78.8 (SB RYAN)				
STA. 2031+23.0 (NB FORD) TO STA. 2364+98.1 (NB RYAN)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07



**BILL OF MATERIAL**

LOCATION	ITEM	UNIT	TOTAL
98th St. to 95th St.	Chain Link Fence, 6' (Special)	FOOT	1939
25F	Chain Link Fence, 6' (Special)	FOOT	80
26A	Chain Link Fence, 6' (Special)	FOOT	0
26F	Chain Link Fence, 6' (Special)	FOOT	0
	<b>Total</b>	<b>FOOT</b>	<b>2019</b>

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

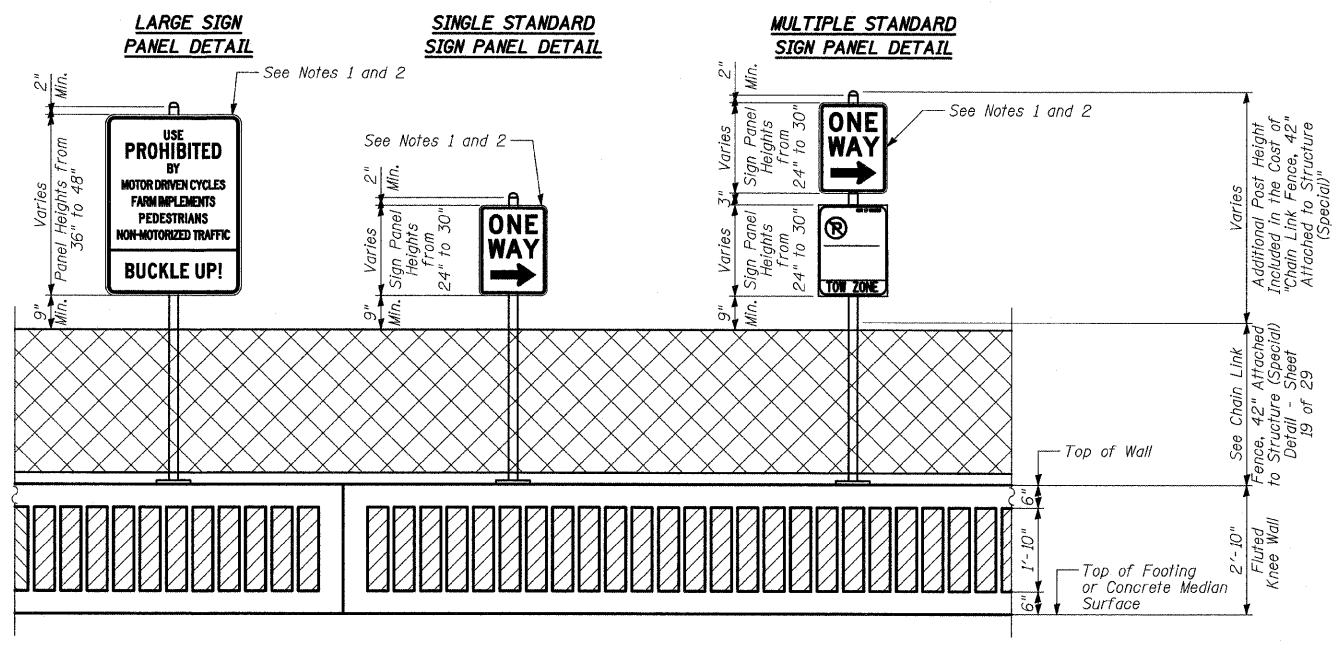
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**FENCE MOUNTED ON CONCRETE  
PAD AND MISCELLANEOUS  
FENCING DETAILS**

S.N. \_\_\_\_\_ DESIGNED BY: MAF  
SCALE: N.T.S. DRAWN BY: MAF  
DATE: FEBRUARY 13, 2009 CHECKED BY: MI

3/19/2009 11:46:12 AM P:\02373\road\397\w397\sh033a.dgn





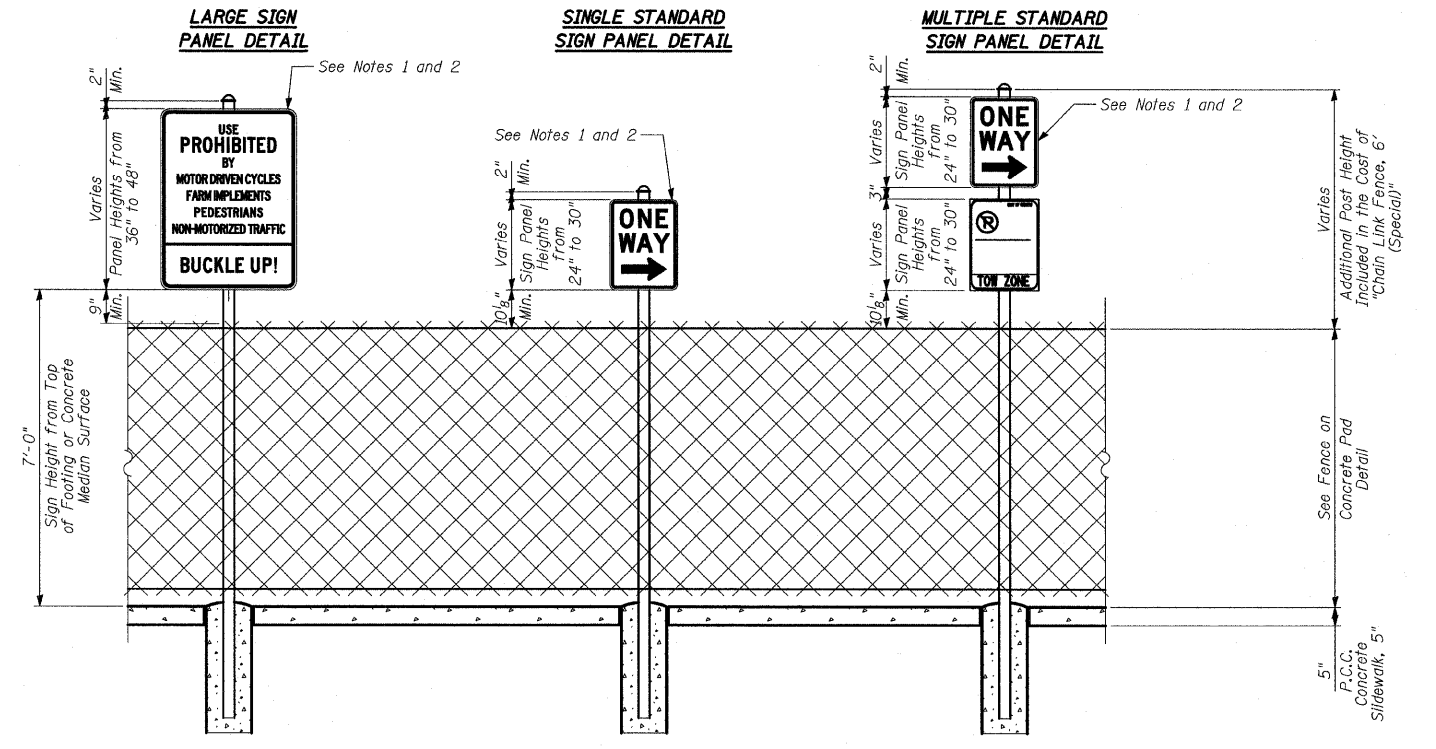
**MOUNTING DETAILS FOR "RELOCATE EXISTING SIGN PANEL, SPECIAL" ALONG FLUTED KNEE WALL, FLUTED KNEE WALL, SPECIAL, AND RECONSTRUCTED PARAPET**

**NOTES:**

1. The "Relocate Existing Sign Panel, Special" pay item includes but is not limited to the following items: relocation of existing sign panel, removal of existing mounting post and foundation, backfilling with suitable materials of the existing post foundation, new mounting hardware and all other appurtenances required to mount the existing sign panels to the extended height Chain Link Fence posts installed in this contract. The relocation and mounting of existing sign panels shall be done in accordance with Section 720 of the Standard Specifications for Road and Bridge Construction and State Standards 720001 and 720006.
2. The Contractor shall coordinate the relocation of the existing sign panel with the Engineer and the City of Chicago. Final placement of the relocated sign panel shall be as directed by the Engineer.

**BILL OF MATERIAL**

LOCATION	ITEM	UNIT	TOTAL
98th St. to 95th St.	Relocate Existing Sign Panel, Special	EACH	7
25F	Relocate Existing Sign Panel, Special	EACH	3
26A	Relocate Existing Sign Panel, Special	EACH	6
26F	Relocate Existing Sign Panel, Special	EACH	9
	Total	EACH	25



**MOUNTING DETAILS FOR "RELOCATE EXISTING SIGN PANEL, SPECIAL" ALONG CHAIN LINK FENCE, 6' (SPECIAL)**

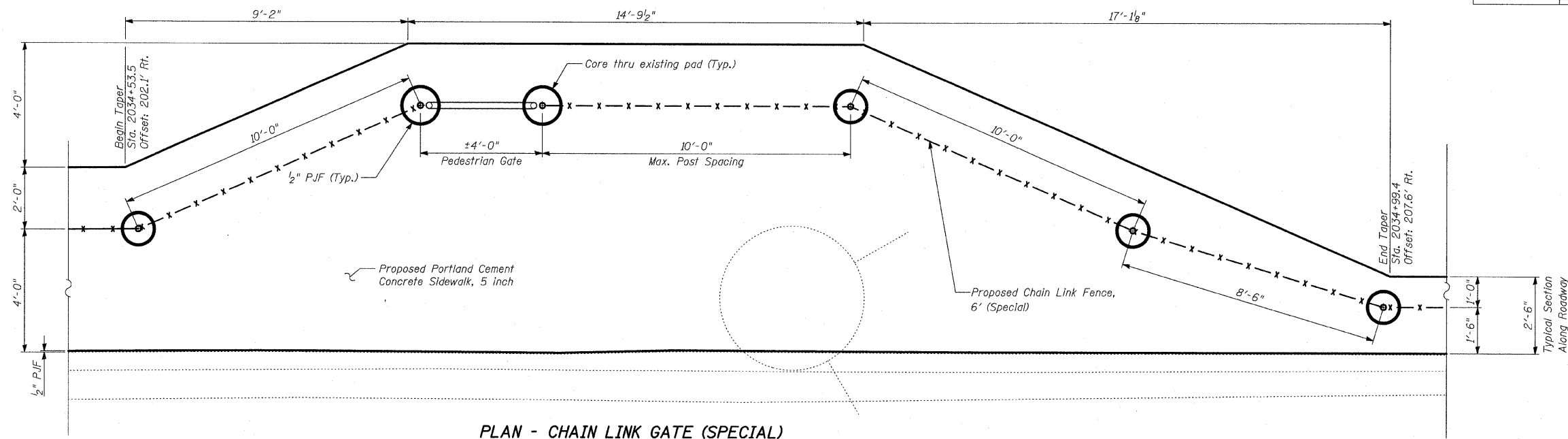
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**

**RELOCATE EXISTING SIGN PANEL, SPECIAL DETAILS**

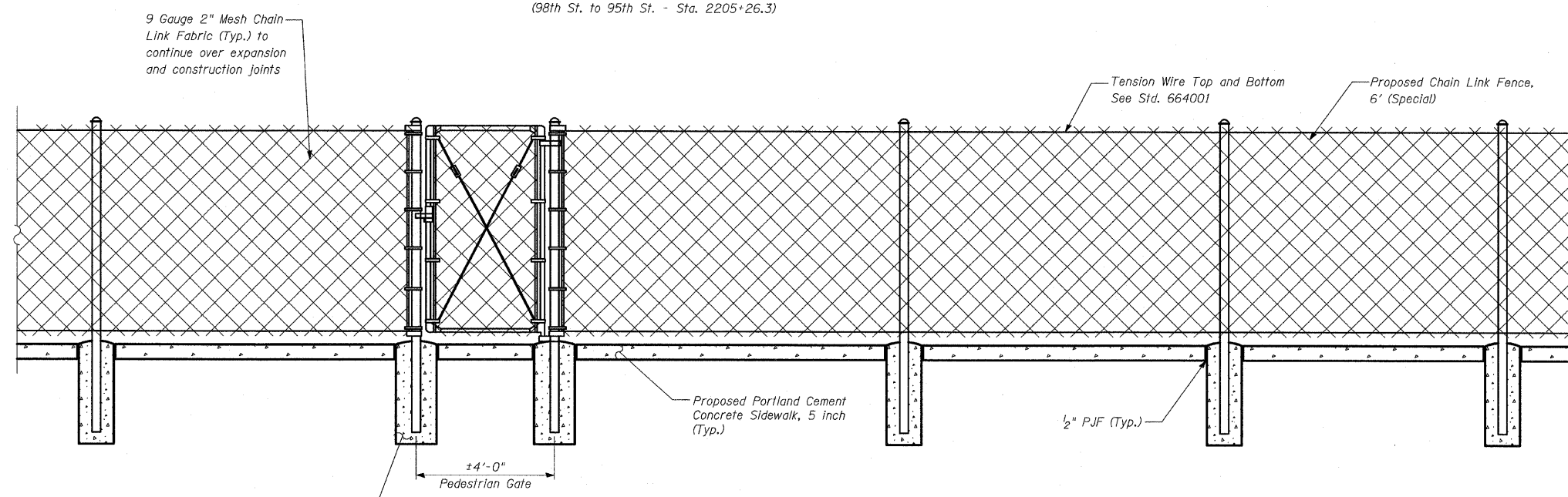
S.N. DESIGNED BY: MAF  
 SCALE: N.T.S. DRAWN BY: MAF  
 DATE: FEBRUARY 13, 2009 CHECKED BY: MI

3/19/2009 11:46:13 AM P:\02373V\p002\39V\w-394T-670303a.dwg



**PLAN - CHAIN LINK GATE (SPECIAL)**

(98th St. to 95th St. - Sta. 2034+66.6)  
(98th St. to 95th St. - Sta. 2205+26.3)



**ELEVATION - CHAIN LINK GATE (SPECIAL)**

(98th St. to 95th St. - Sta. 2034+66.6)  
(98th St. to 95th St. - Sta. 2205+26.3)

Concrete. Cost included with "Chain Link Gate (Special)"

**BILL OF MATERIAL**

LOCATION	ITEM	UNIT	TOTAL
98th St. to 95th St.	Chain Link Gates (Special)	EACH	2
25F	Chain Link Gates (Special)	EACH	2
26A	Chain Link Gates (Special)	EACH	2
26F	Chain Link Gates (Special)	EACH	1

REVISIONS	
NAME	DATE

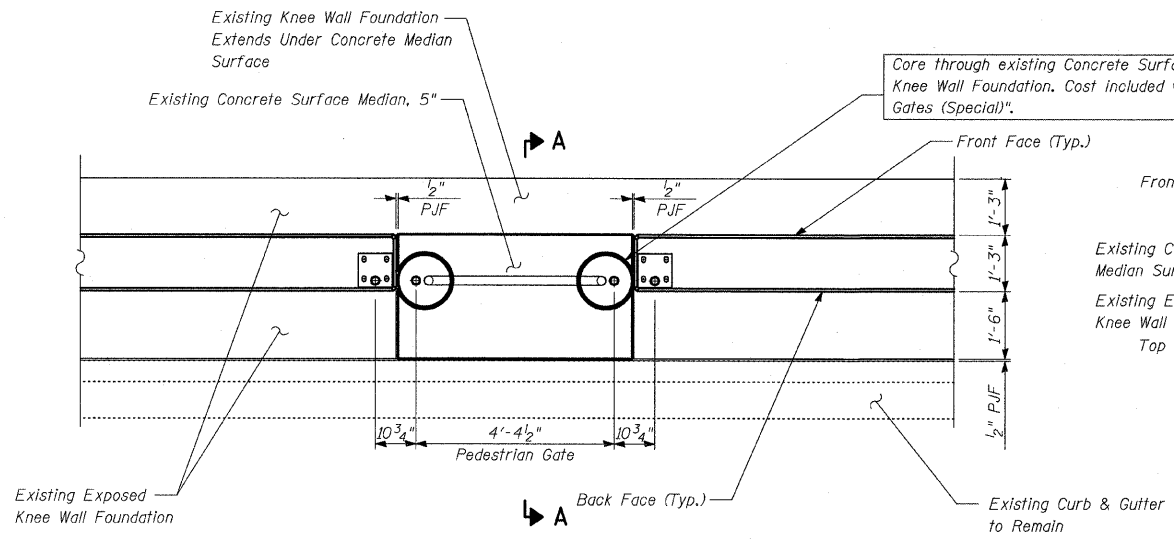
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**CHAIN LINK GATE (SPECIAL) DETAILS**  
SHEET 1 OF 2

S.N.  
SCALE: N.T.S.  
DATE: FEBRUARY 13, 2009

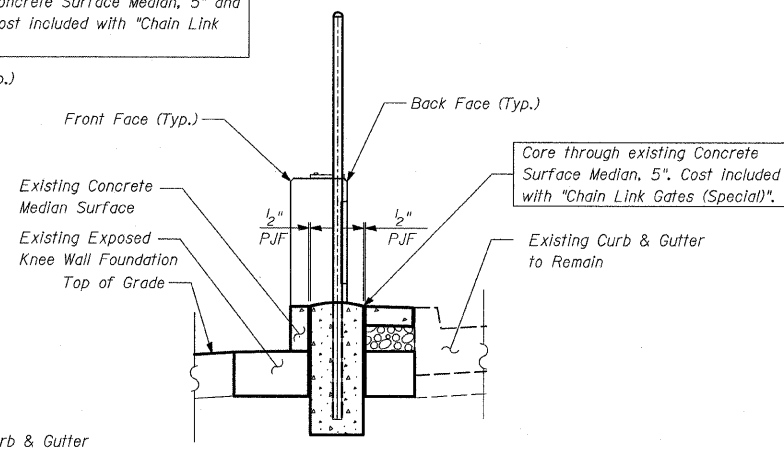
DESIGNED BY: MAF  
DRAWN BY: MAF  
CHECKED BY: MI

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	37
STA. 135+99.6 (SB I-57) TO STA. 2364+78.8 (SB RYAN)		ILLINOIS FED. AID PROJECT		
STA. 2031+23.0 (NB FORD) TO STA. 2364+99.1 (NB RYAN)				

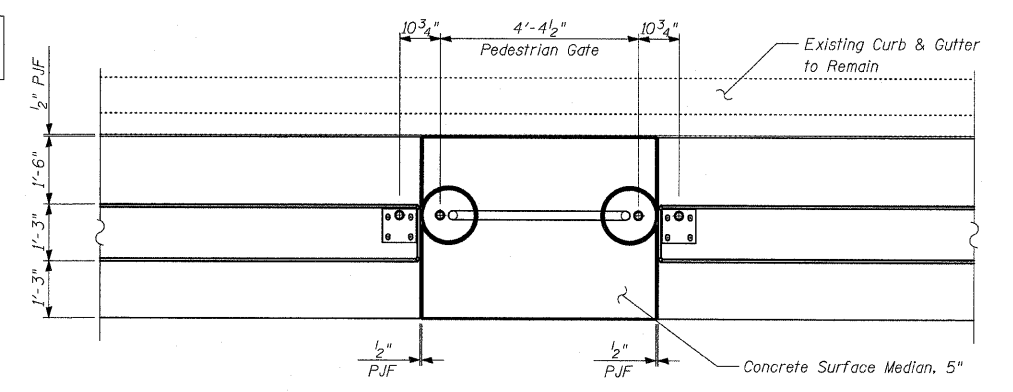
60A07



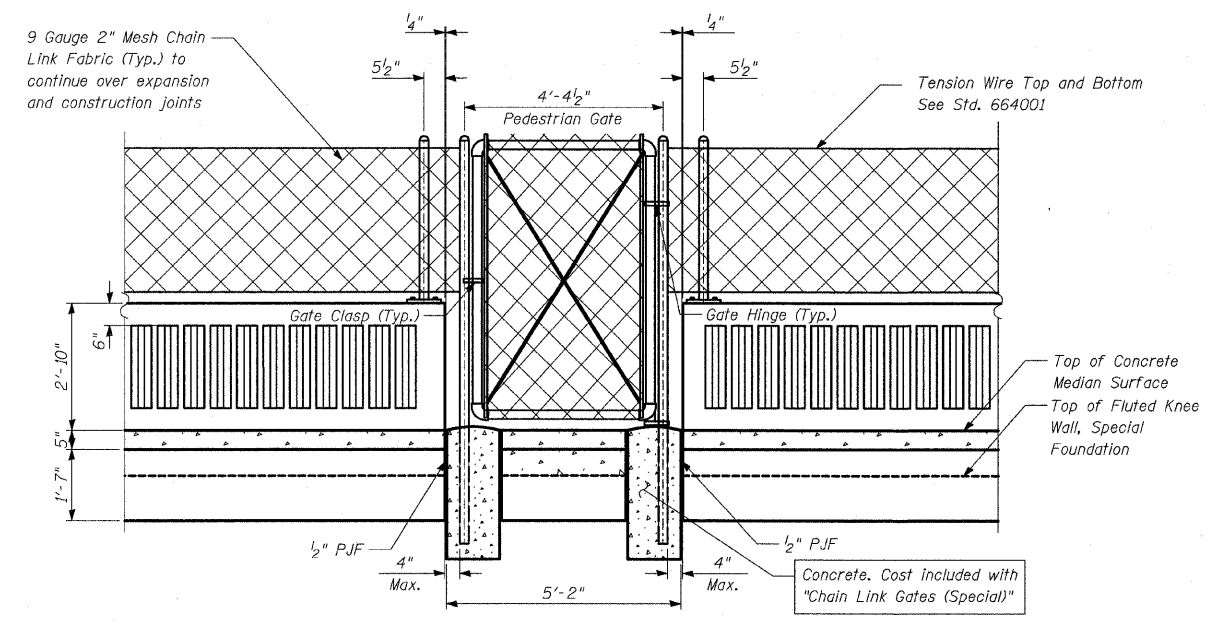
**PLAN - CHAIN LINK GATE (SPECIAL) AT FLUTED KNEE WALL, SPECIAL**  
(Contract 25F - Sta. 2344+98.7)



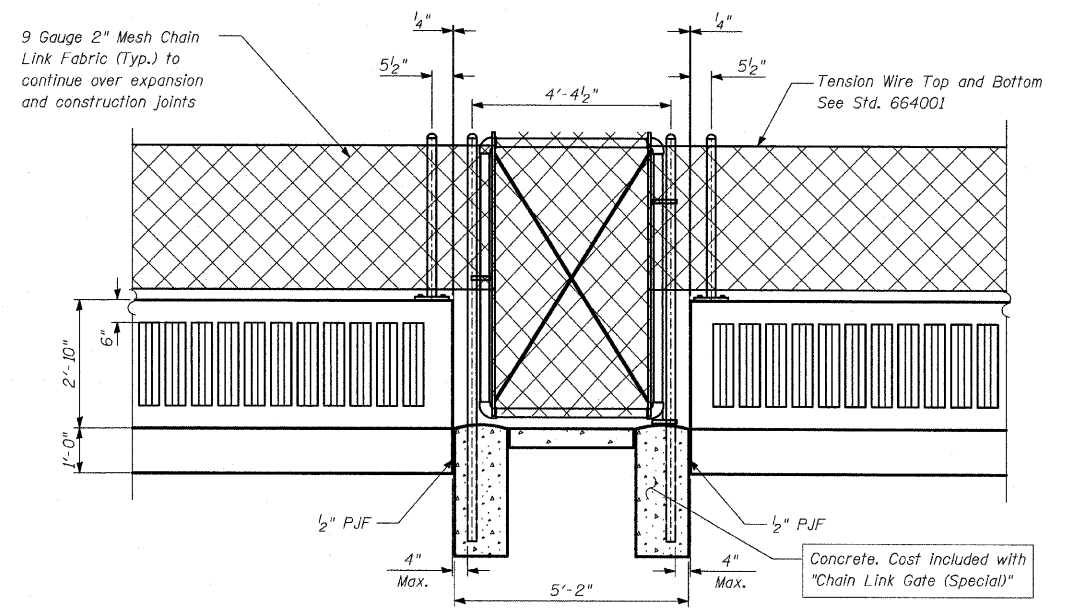
**CROSS SECTION A-A - CHAIN LINK GATE (SPECIAL) AT FLUTED KNEE WALL, SPECIAL**  
(Contract 25F - Sta. 2344+98.7)



**PLAN - CHAIN LINK GATE (SPECIAL) AT FLUTED KNEE WALL**  
(25F Location - Sta. 2347+98.7)  
(26A Location - Sta. 139+92.3)  
(26A Location - Sta. 145+14.5)  
(26F Location - Sta. 1360+45.9)



**BACK FACE ELEVATION - TYPICAL CHAIN LINK GATE (SPECIAL) AT FLUTED KNEE WALL, SPECIAL**  
(Contract 25F - Sta. 2344+98.7)



**BACK FACE ELEVATION - TYPICAL CHAIN LINK GATE (SPECIAL) AT FLUTED KNEE WALL**  
(25F Location - Sta. 2347+98.7)  
(26A Location - Sta. 139+92.3)  
(26A Location - Sta. 145+14.5)  
(26F Location - Sta. 1360+45.9)

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

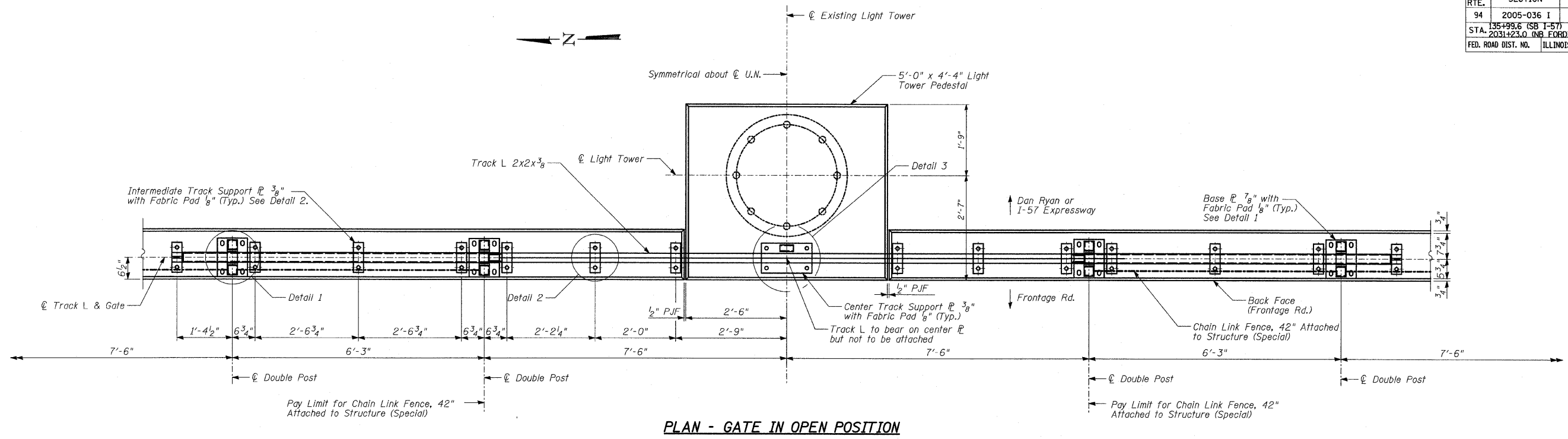
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
CHAIN LINK GATE (SPECIAL) DETAILS  
SHEET 2 OF 2

S.N. DESIGNED BY: MAF  
SCALE: N.T.S. DRAWN BY: MAF  
DATE: FEBRUARY 13, 2009 CHECKED BY: MI

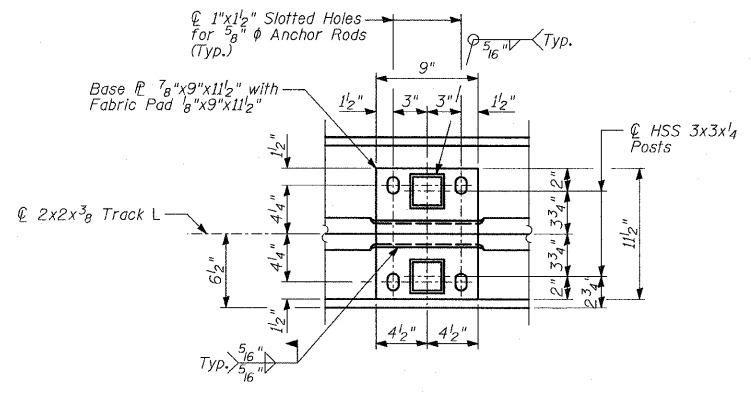
P:\02373V\road\3591w\3591r\92a.dwg 3/19/2009 11:46:15 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	38
135+95.6 (SB I-57)		1364+70.8 (SB RYAN)		
STA. 2031+23.0 (NB FORD)		TO STA. 236+499.1 (NB RYAN)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

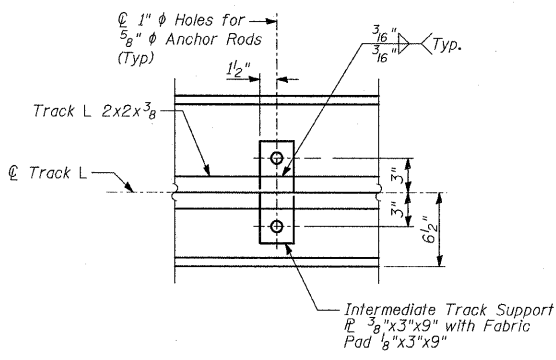
60A07



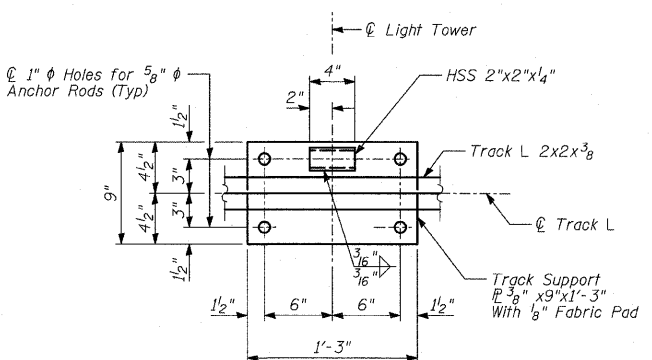
PLAN - GATE IN OPEN POSITION



DETAIL 1 - BASE P PLAN



DETAIL 2



DETAIL 3

BILL OF MATERIAL

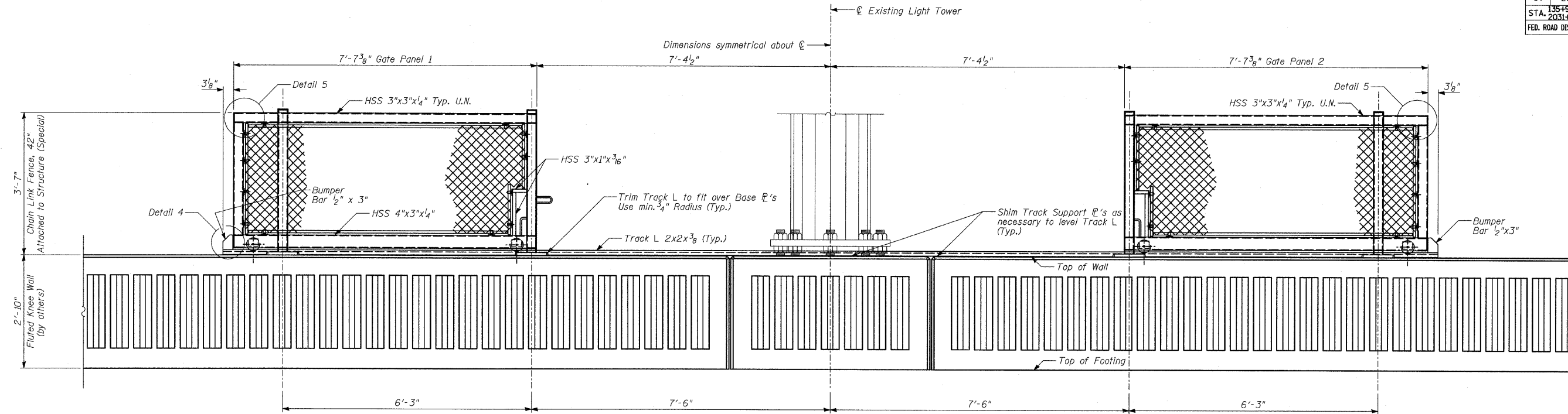
LOCATION	ITEM	UNIT	TOTAL
25F	Chain Link Gate Assembly (Special)	EACH	.1
26A	Chain Link Gate Assembly (Special)	EACH	2
	TOTAL	EACH	3

- NOTES:**
- All rods shall be stainless steel conforming to ASTM F593-98 and F594-98.
  - All pipes and bars shall be hot dipped galvanized after fabrication.
  - For Back Face Elevations, see Sheet 39 of 45.
  - For Anchor Rod Details, see Sheet 40 of 45.

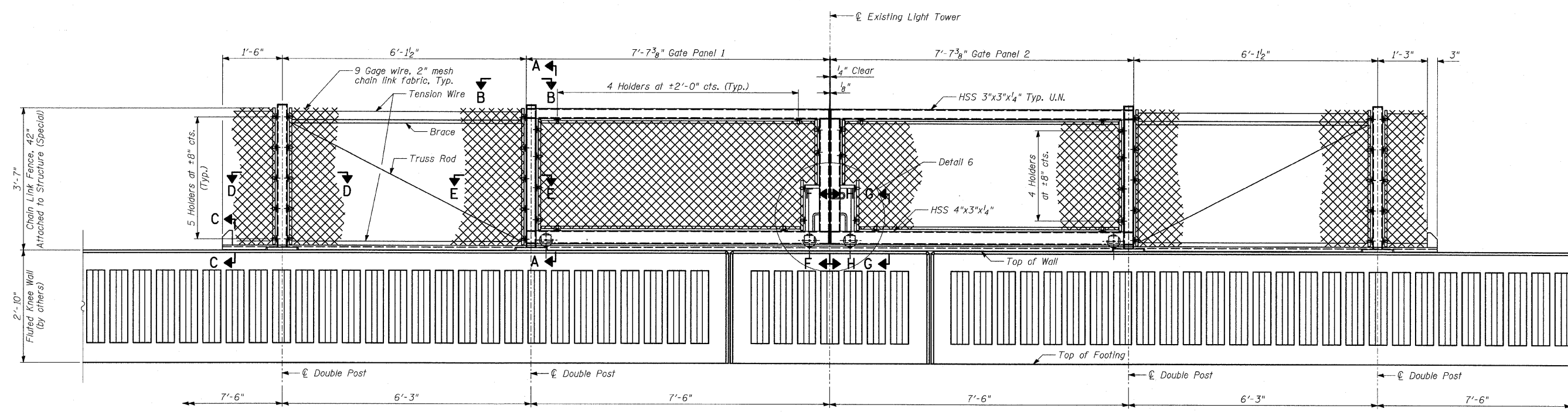
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**CHAIN LINK GATE ASSEMBLY (SPECIAL),**  
**GATE PLAN AND NOTES**

S.N. DESIGNED BY: MAF  
SCALE: N.T.S. DRAWN BY: MAF  
DATE: FEBRUARY 13, 2009 CHECKED BY: MT



**BACK FACE ELEVATION - GATE IN OPEN POSITION**



**BACK FACE ELEVATION - GATE IN CLOSED POSITION**

**NOTES:**

1. For notes, see Sheet 38 of 45.
2. For Sections A-A, B-B, D-D & E-E, see Sheet 40 of 45.
3. For Sections C-C, F-F, G-G, H-H, J-J and Details 4, 5, 6 & 7, see Sheet 41 of 45.

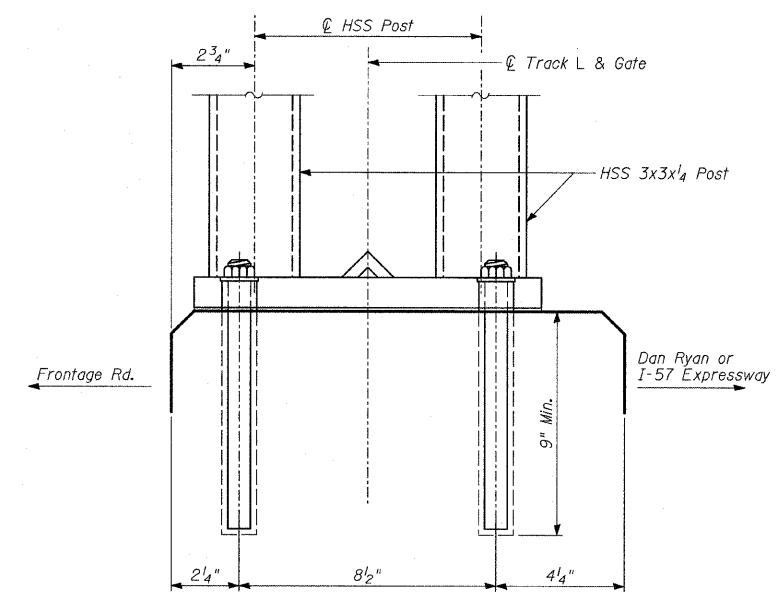
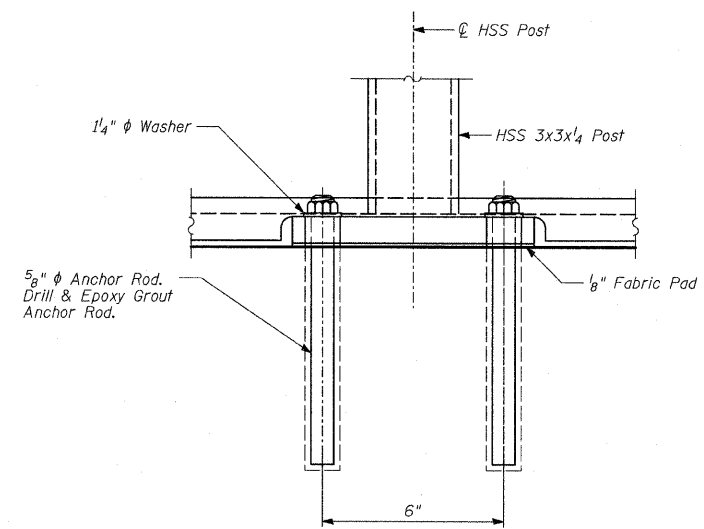
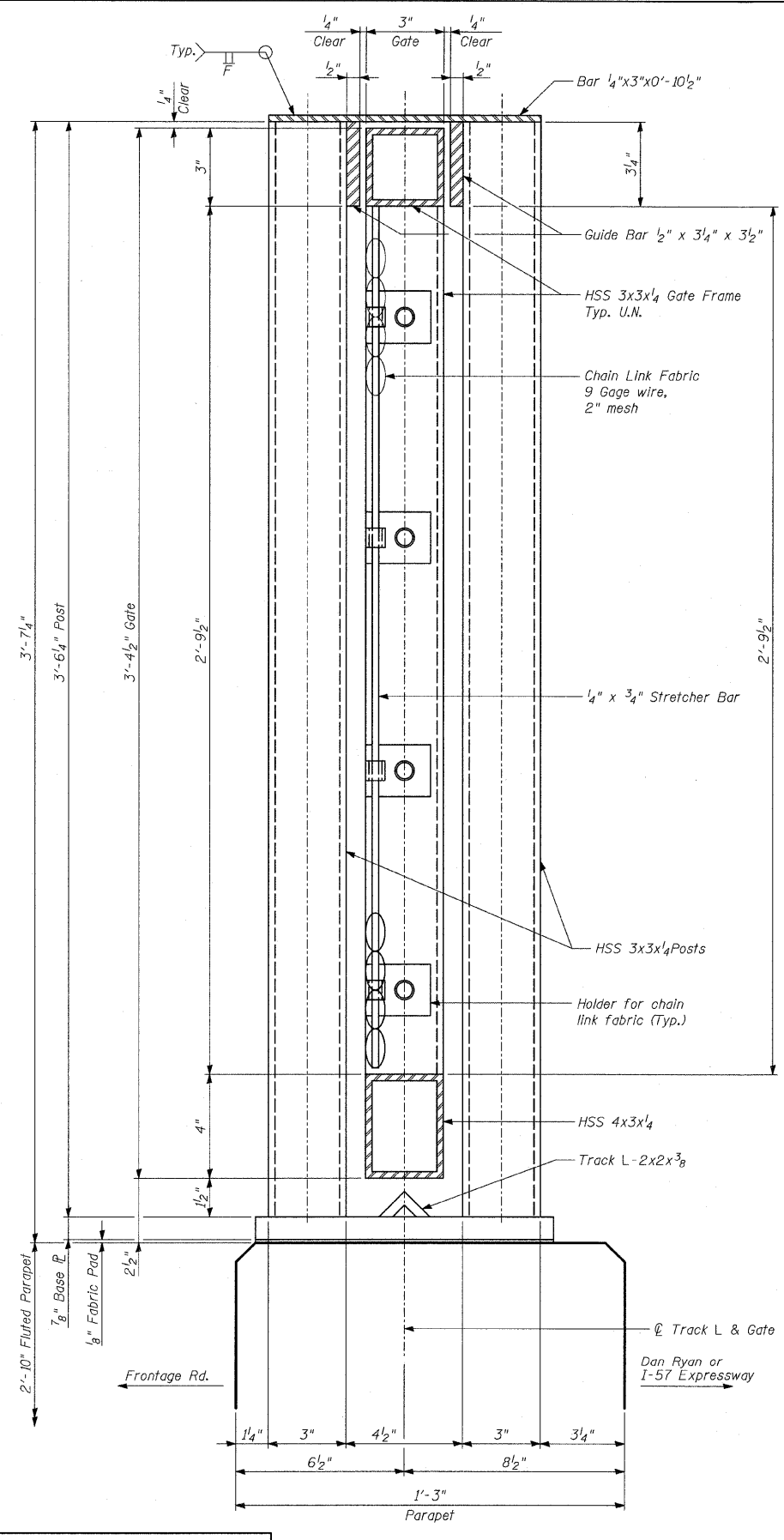
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**CHAIN LINK GATE ASSEMBLY (SPECIAL),  
 GATE ELEVATIONS**

S.N. \_\_\_\_\_ DESIGNED BY: MAF  
 SCALE: N.T.S. DRAWN BY: MAF  
 DATE: FEBRUARY 13, 2009 CHECKED BY: MI

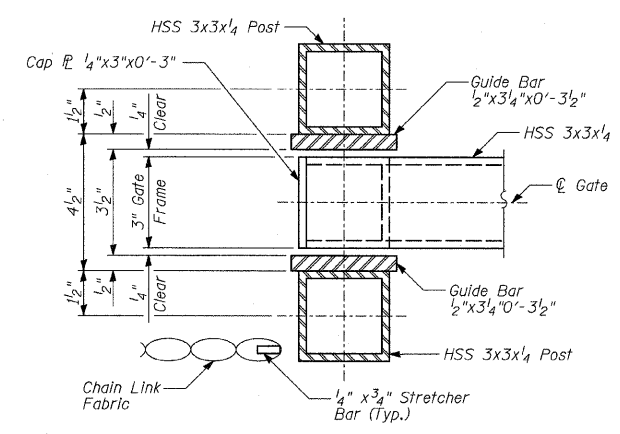
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	40
135+99.6 (SB I-57)		136+478.8 (SB RYAN)		
STA. 2031+23.0 (NB FORD)		TO STA. 2364+99.1 (NB RYAN)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A07

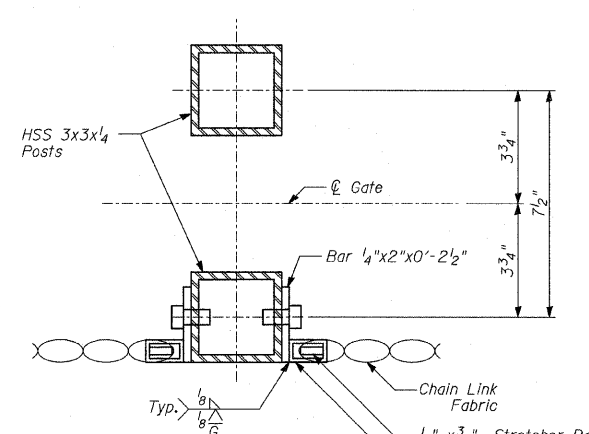


**ANCHOR ROD DETAILS**

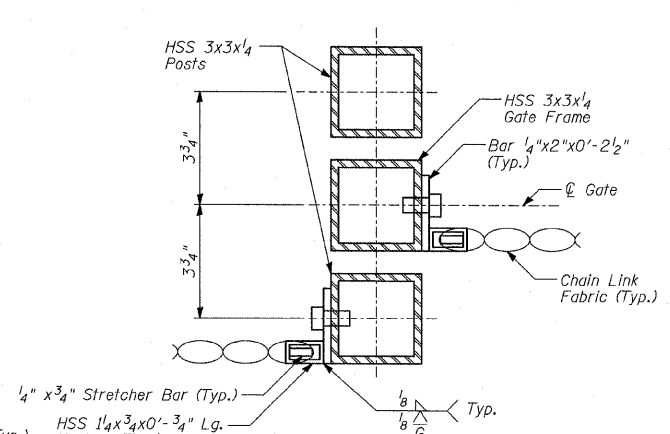
The Contractor shall drill and epoxy grout 5/8" diameter anchor rods. The Contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given prior approval by the Department for the above specified anchor rod spacing. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or adhesive cartridge shall be sealed with pre-measured amounts of adhesive chemical. Anchor rod threading to be peened after nuts are installed. See details 2 & 3 on sheet 38 of 45 for anchor rod spacing.



**SECTION B-B**



**SECTION D-D**



**SECTION E-E**

- NOTES:**
- For Notes See Sheet 38 of 45.
  - For Anchor Rod locations, see Details 1, 2 & 3 on Sheet 38 of 45.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**CHAIN LINK GATE ASSEMBLY (SPECIAL),**  
**GATE SECTIONS**

S.N. DESIGNED BY: MAF  
SCALE: N.T.S. DRAWN BY: MAF  
DATE: FEBRUARY 13, 2009 CHECKED BY: MI

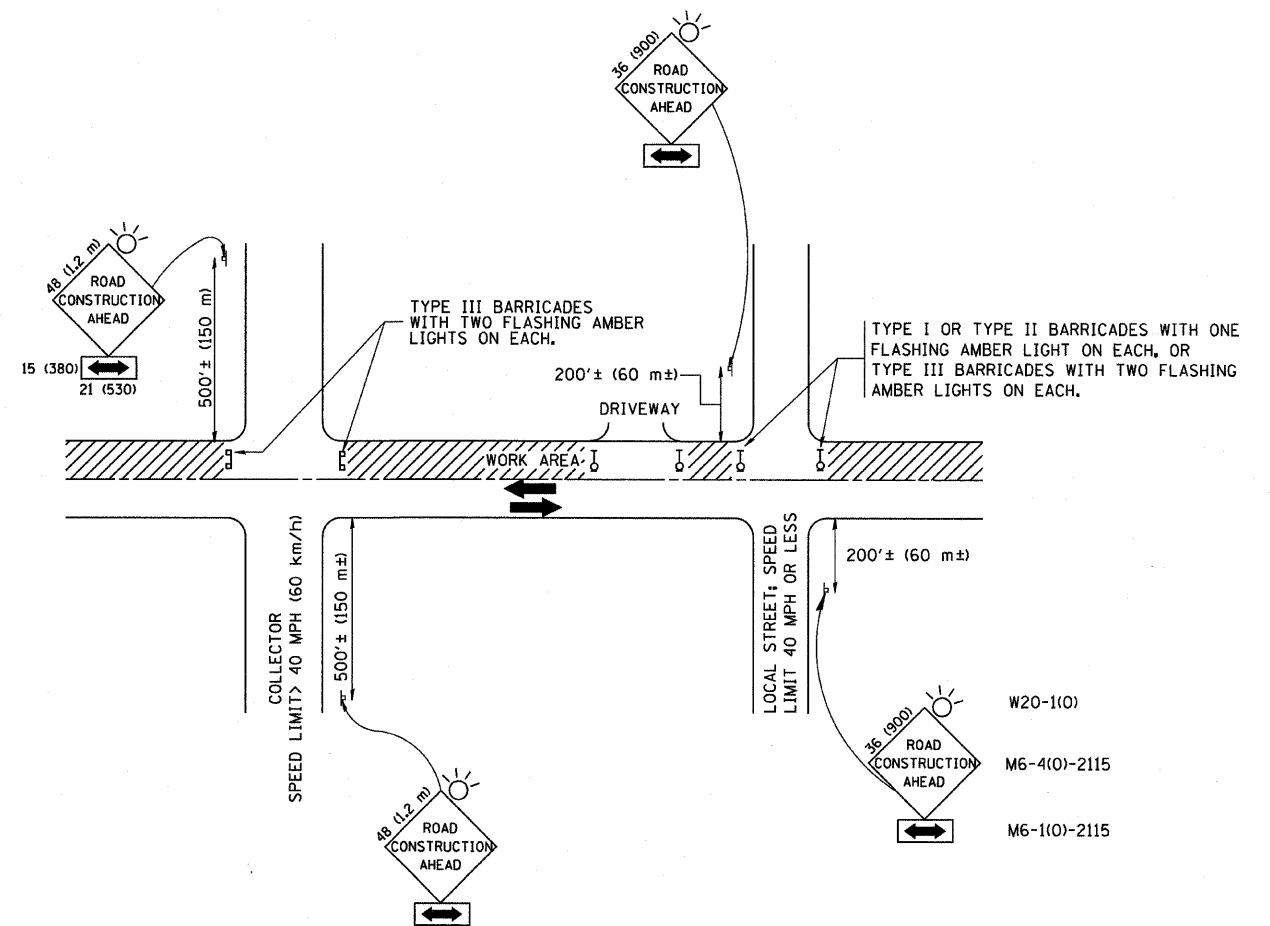
**TYLIN INTERNATIONAL**

**SECTION A-A**

3/19/2009 11:46:16 AM







TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\diststd\22x34\to10.dgn	USER NAME = geglianob	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

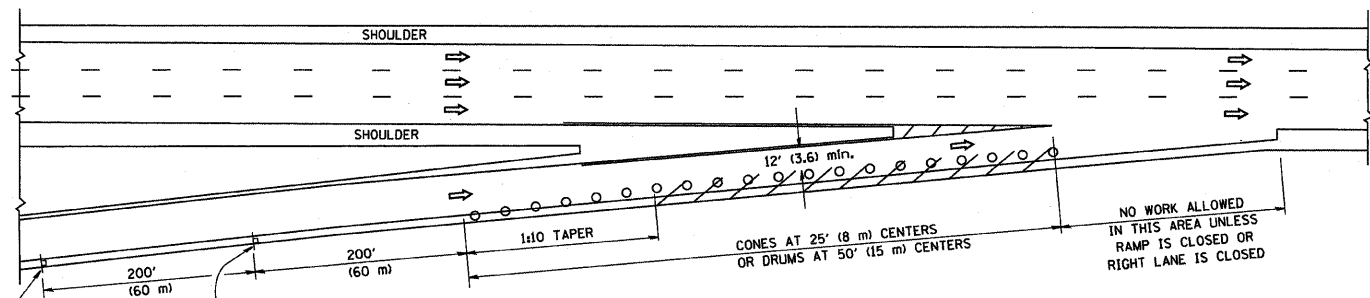
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

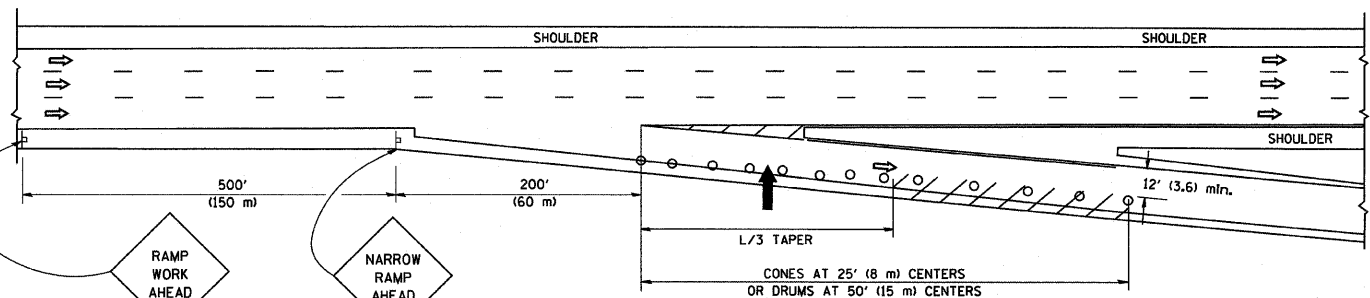
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-026 E	COOK	45	42
TC-10			CONTRACT NO. 60A07	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

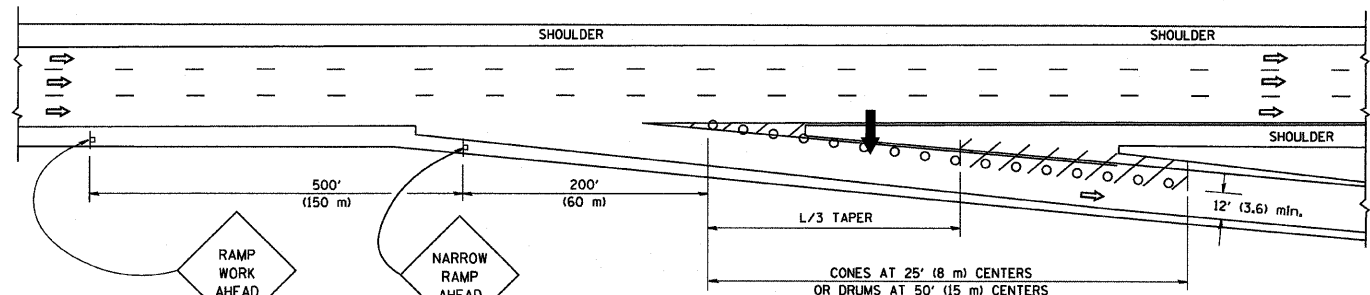
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ➔ ARROWBOARD
- ▨ WORK AREA
- ┌ SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- ⊠ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

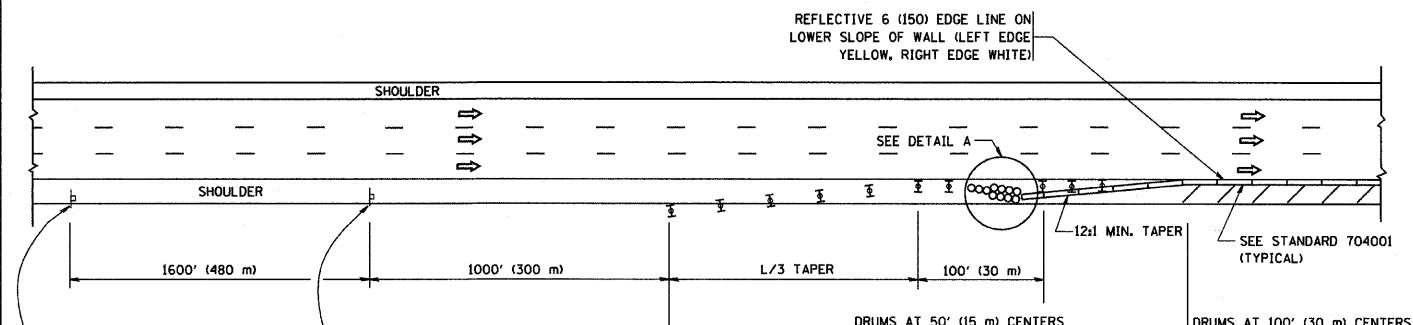
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:
 

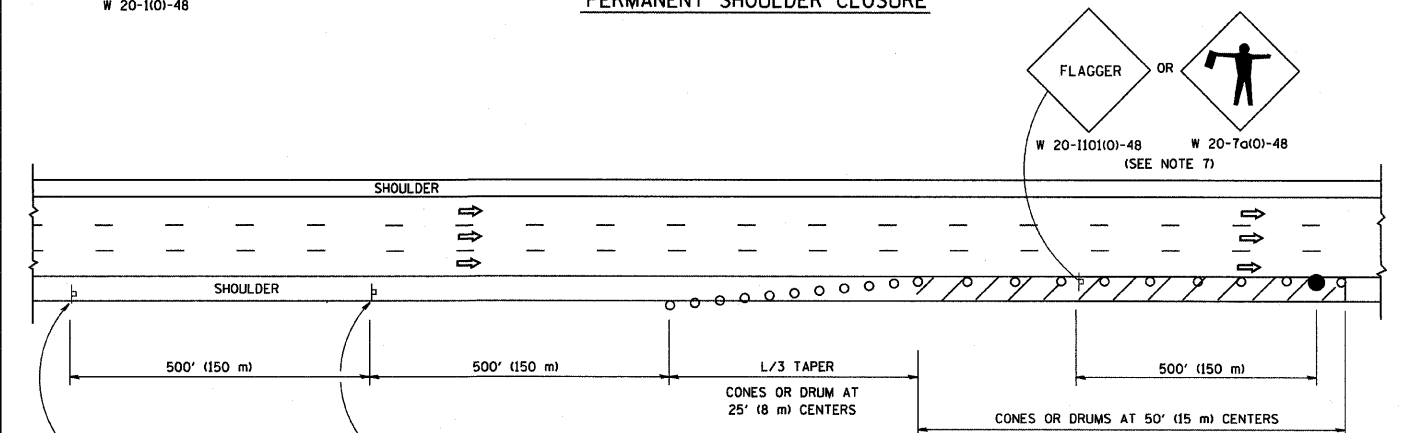
SPEED LIMIT		FORMULAS
45 mph (80 km/h)	METRIC	ENGLISH
OR GREATER:	$L=0.65(W)(S)$	$L=(W)(S)$

W = WIDTH OF OFFSET IN FEET (METERS)  
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

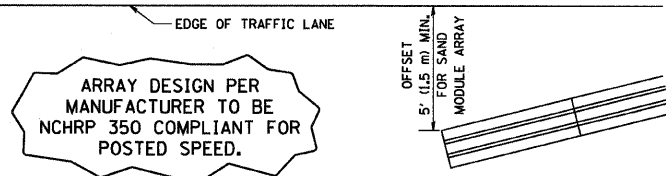


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:  
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE "TRAFFIC BARRIER TERMINAL, TYPE III, TEMPORARY" DEVICE TO MEET NCHRP350 FOR POSTED SPEED.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

FILE NAME = W:\dstatd\22x34\1c17.dgn

USER NAME = geglianobt  
PLOT SCALE = 50.0000' / IN.  
PLOT DATE = 1/4/2008

DESIGNED -  
DRAWN - D.W.S.  
CHECKED -  
DATE - 11-96

REVISED - J.A.F. 12-02  
REVISED - 04-03  
REVISED - J.A.F. 12-06  
REVISED - S.P.B. 01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

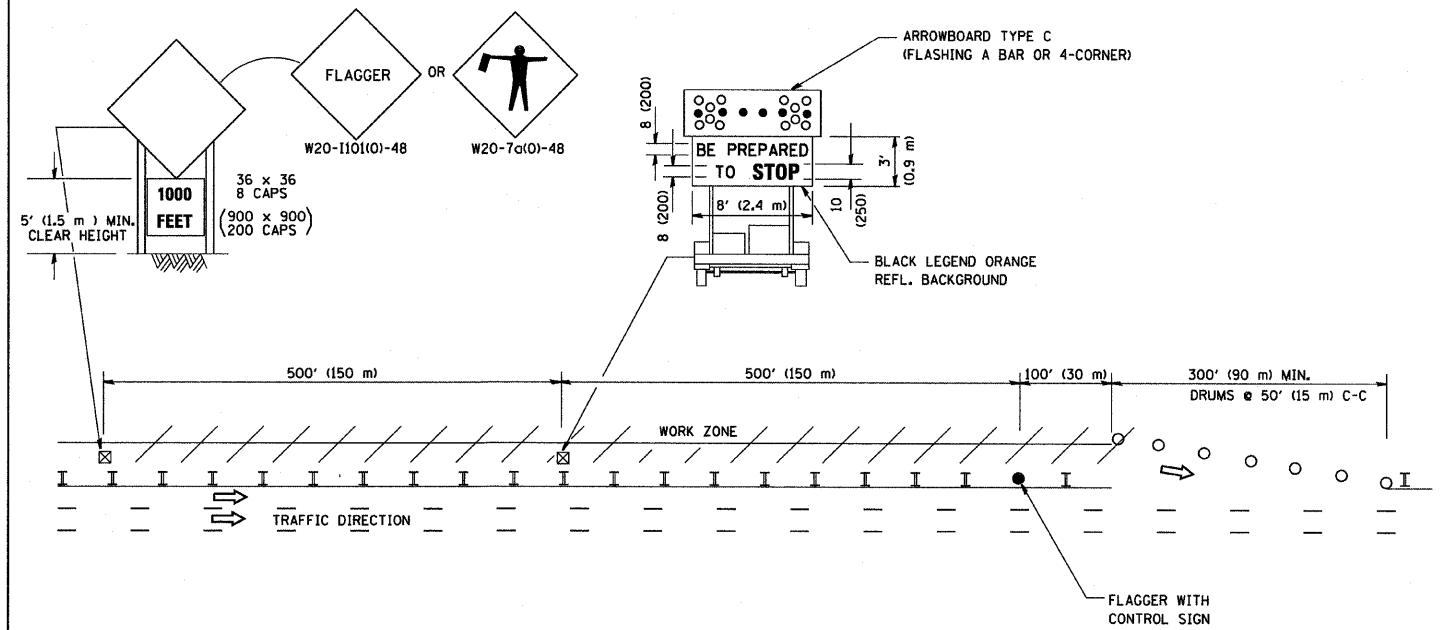
TRAFFIC CONTROL DETAILS FOR FREEWAY  
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

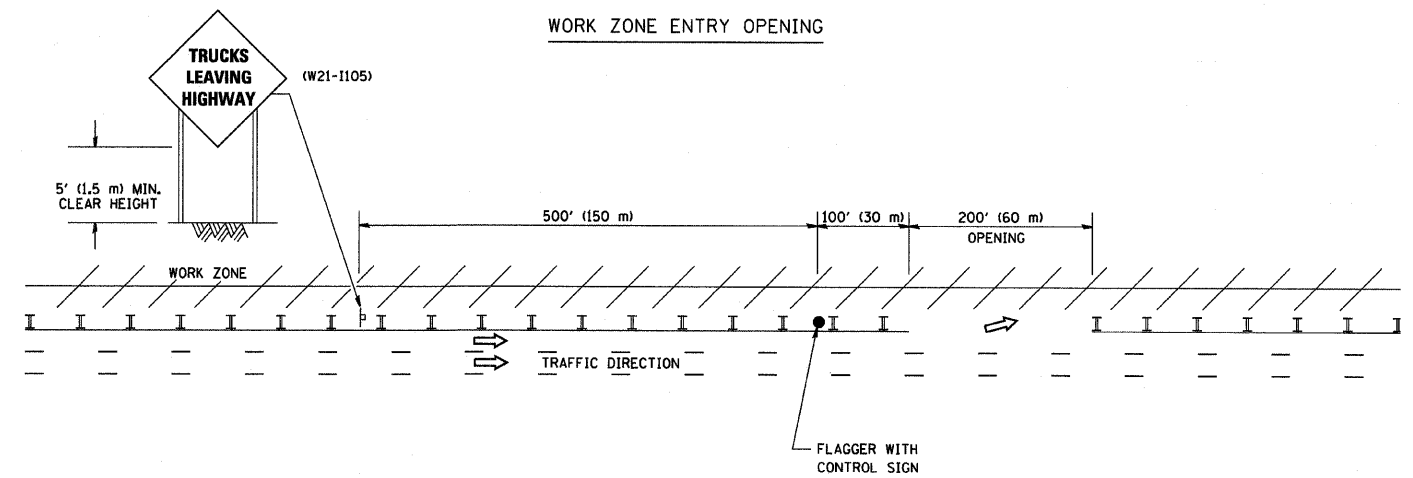
F.A. RTE. 9A	SECTION 2005-036 E	COUNTY COOK	TOTAL SHEETS 45	SHEET NO. 43
TC-17			CONTRACT NO. 60A07	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

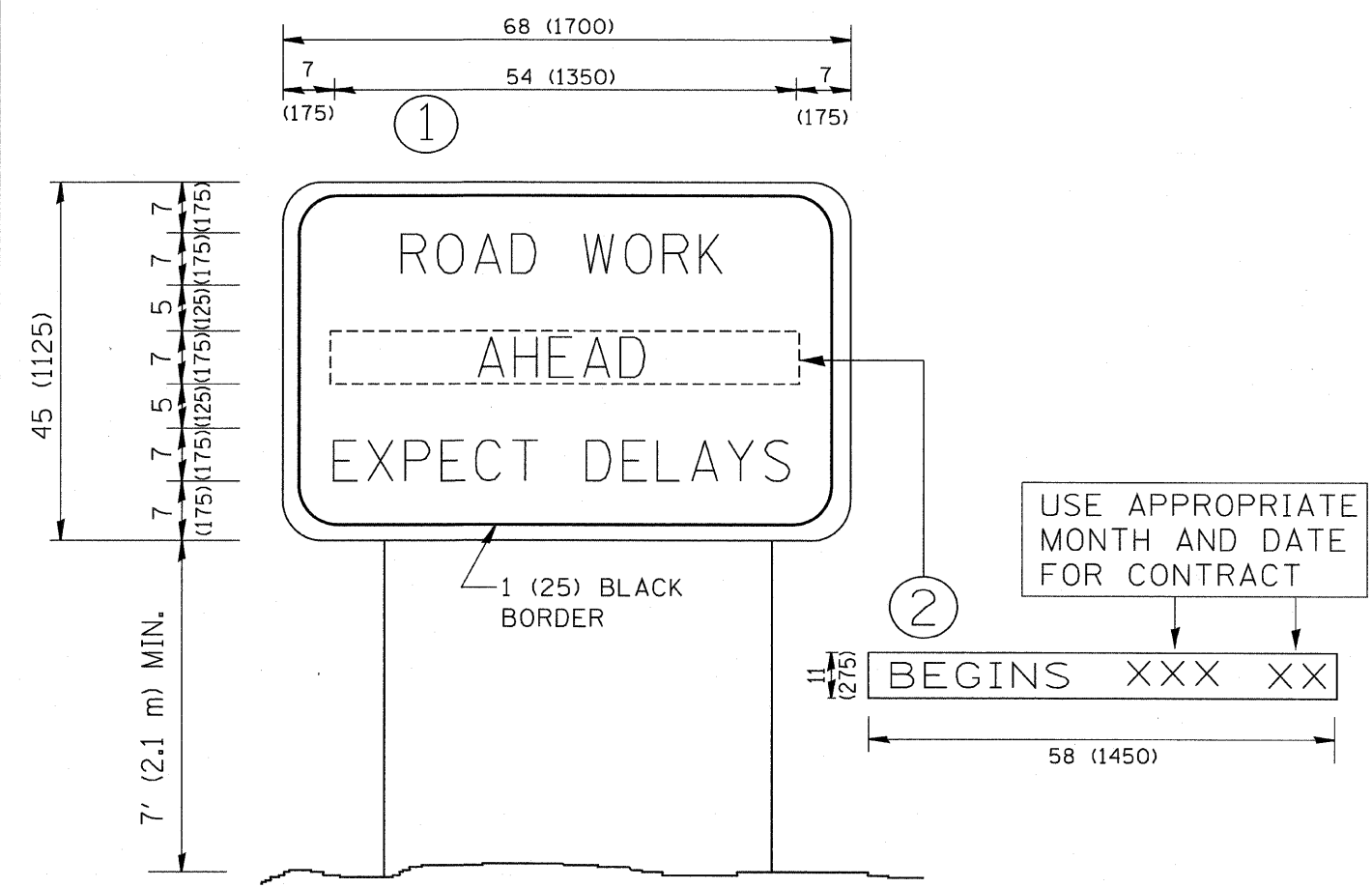
FILE NAME = M:\dststd\22x34\1e18.dgn	USER NAME = gaglienobt	DESIGNED -	REVISED - D.W.S. 08-98
		DRAWN -	REVISED - J.A.F. 04-03
	PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED - J.A.F. 02-06
	PLOT DATE = 1/4/2008	DATE -	REVISED - S.P.B. 01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS  
AT WORK ZONE OPENINGS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 I	COOK	45	49
TC-18			CONTRACT NO. 60A07	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\dist\td\22x34\te22.dgn	USER NAME = geglenobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD INFORMATION SIGN</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-036 E	COOK	45	45
<b>TC-22</b>			<b>CONTRACT NO. 60A07</b>	
<small>FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT</small>				