

**INDEX OF SHEETS**

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PROJECT LOCATED IN THE CITY OF CHICAGO

DAN RYAN EXPRESSWAY:	ADT (2010)	DESIGN SPEED	POSTED SPEED
NB I-94 (DAN RYAN)	151,800	60 MPH	55 MPH
NB 95TH STREET ENTRANCE RAMP	10,500	45 MPH	40 MPH
NB 87TH STREET EXIT RAMP	11,600	45 MPH	40 MPH
NB 87TH STREET ENTRANCE RAMP	14,300	45 MPH	40 MPH
NB 79TH STREET C-D ENTRANCE RAMP	9,000	45 MPH	40 MPH
NB 76TH STREET C-D EXIT RAMP	7,200	45 MPH	40 MPH
NB 75TH STREET C-D ENTRANCE RAMP	11,300	45 MPH	40 MPH
NB 71ST STREET C-D EXIT RAMP	6,600	45 MPH	40 MPH

**PROJECT DESCRIPTION**

PROJECT INCLUDES THE CONSTRUCTION OF CONCRETE SERVICE PADS AROUND 20 HIGH MAST LIGHT TOWERS LOCATIONS.

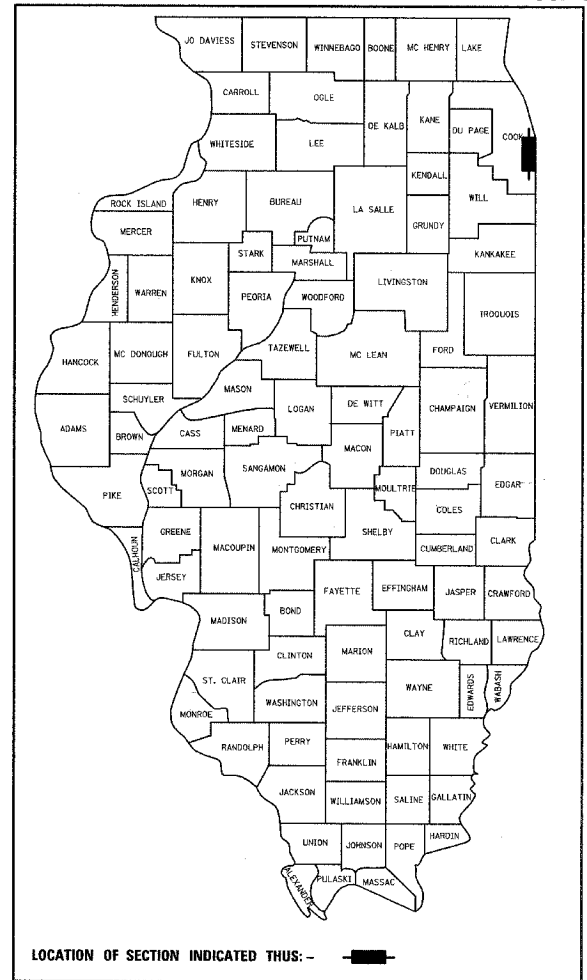
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**PROPOSED HIGHWAY PLANS**

**F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)  
SECTION 2005-037 L  
I-57 INTERCHANGE TO 71ST STREET  
HIGH MAST LIGHT TOWER SERVICE PADS**

**COOK COUNTY  
C-91-267-05  
R. 14 E.**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-91-267-05			# 60A08	



LOCATION OF SECTION INDICATED THIS: -

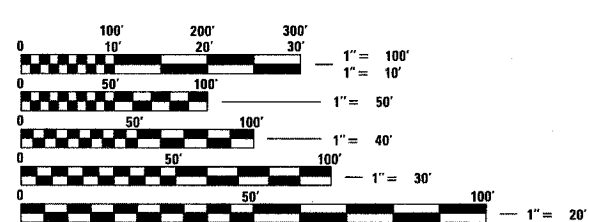
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

SUBMITTED Aug. 19 20 05  
Dean A. Klesling DISTRICT ENGINEER

October 14 20 05  
Mike Dine ENGINEER OF DESIGN AND ENVIRONMENT

October 14 20 05  
Eric E. Horn Deputy DIRECTOR, DIVISION OF HIGHWAYS

**CONTRACT 40A**



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:  
MARVIN A. WATSON,  
GENERAL MANAGER, CONSTRUCTION  
(312) 681-3860

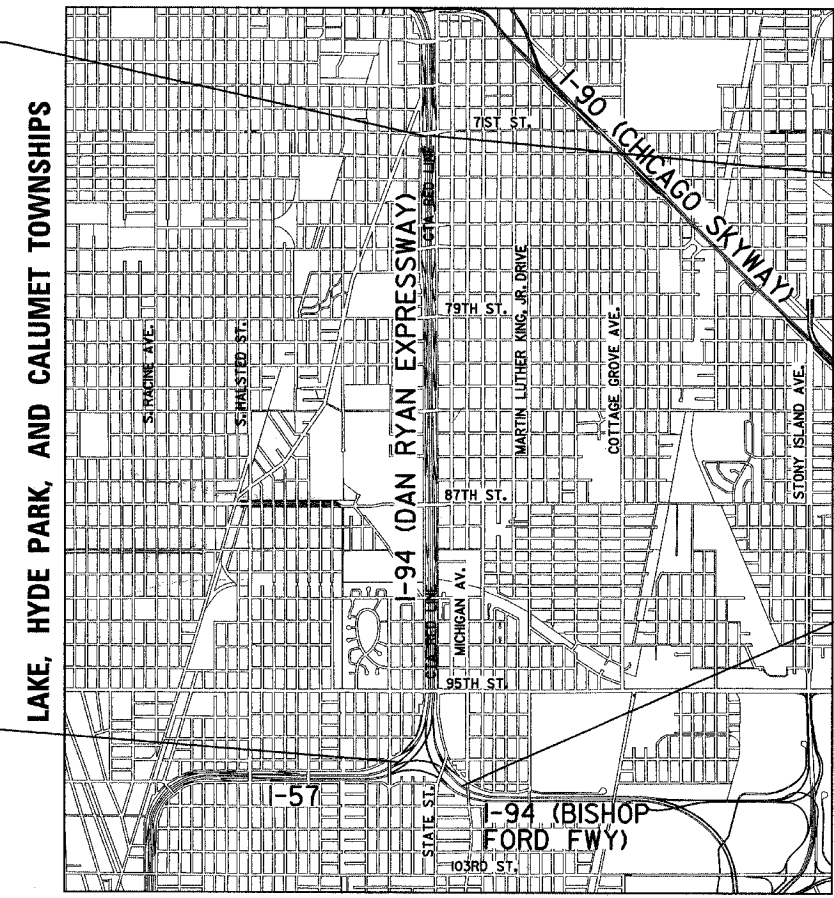
**CONTRACT NO. 60A08**

F.A.I. 94 (RYAN) PROJECT LIMIT  
STA. 1364 + 69 (SB I-94)

F.A.I. 94 (RYAN) PROJECT LIMIT  
STA. 2364 + 90 (NB I-94)

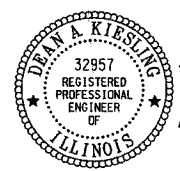
F.A.I. 94 (FORD) PROJECT LIMIT  
STA. 2021 + 83 (NB I-94)

F.A.I. 57 PROJECT LIMIT  
STA. 134 + 97 (SB I-57)



**LOCATION MAP**

0 1/2 MILE 1 MILE  
GROSS LENGTH OF PROJECT = 20466.04 FT. = 3.876 MI.  
MAP SCALE: 1" = 1/2 MILE  
NET LENGTH OF PROJECT = 20466.04 FT. = 3.876 MI.



Signed Dean A. Klesling  
Dean A. Klesling, P.E., Ill. Lic. No. 32957  
Expires 11-30-2005.  
Date 08-17-05

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

INDEX OF SHEETS

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6	HIGH MAST LIGHT TOWER SERVICE PAD GRADING DETAIL
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26	TC-17 DIST 1, TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
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36 - 37	ROADWAY CROSS SECTIONS - NB I-94 (FOR INFORMATION ONLY)
38	ROADWAY CROSS SECTIONS - SB I-57 (FOR INFORMATION ONLY)
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INDEX OF STATE STANDARDS

STANDARD NO.	TITLE
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-01	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 15' AWAY, FOR SPEEDS > 45 MPH
701601-04	URBAN LANE CLOSURE MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-04	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-05	TRAFFIC CONTROL DEVICES
701426-02	LANE CLOSURE, MULTI LANE, INTERMITTENT OR MOVING OPER., SPEEDS ≥ 45 M.P.H.

COMMITMENTS:

NONE

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: WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AS WELL AS THE ADJOINING RESIDENTIAL AREAS.
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. THE **ENGINEER** SHALL HAVE ACCESS TO THE FIELD OFFICE IN CONTRACT #62583.

CONTRACTOR ACCESS ASSUMPTIONS:

1. FOR HMLT'S 6RMN2, 6ROP3, 6ACD3, 5PAB3, 5PAB1, 6RIJ2, 6RIJ1, 6RKL1, 6RKL2, 6RKL3, 6RCD1, 6MIJ2, 6MIJ3, & 5MAB1 ACCESS IS ASSUMED TO BE FROM THE EXPRESSWAY. THE LIGHTING CONTRACTOR (#62583) IS SCHEDULED TO COMPLETE THE INSTALLATION OF THESE TOWERS BY NOVEMBER 22, 2005. THE EXISTING FENCE ALONG EITHER STATE STREET OR LAFAYETTE AVENUE IS SHOWN TO REMAIN.
2. FOR HMLT 6RGH1 ACCESS IS ASSUMED TO BE FROM THE FRONTAGE ROAD. ACCESS FROM THE EXPRESSWAY IS BLOCKED BY THE EXISTING BARRIER WALL. THE LIGHTING CONTRACTOR (#62583) IS SCHEDULED TO COMPLETE THE INSTALLATION OF THIS TOWER BY NOVEMBER 22, 2005. THE EXISTING FENCE IS SHOWN TO BE REMOVED AND RE-ERECTED. THE HMLT SERVICE PAD CONTRACTOR SHALL MAINTAIN ACCESS CONTROL BY INSTALLING TEMPORARY CHAIN LINK FENCE (PORTABLE) WHILE EXISTING FENCE IS REMOVED.
3. FOR HMLT'S 5RMN4, 5RMN3, 6OKL3, 5RIJ4, & 5RIJ3 ACCESS IS ASSUMED TO BE FROM THE FRONTAGE ROAD. THE LIGHTING CONTRACTOR (#62583) IS SCHEDULED TO COMPLETE THE INSTALLATION OF THESE TOWERS BY JULY 31, 2006. ACCESS FROM THE EXPRESSWAY WILL NOT BE POSSIBLE AFTER JULY 12, 2006 BECAUSE THE MAINLINE CONTRACTOR (#62304 & #62593) IS SCHEDULED TO BEGIN CONSTRUCTION ON THE OUTSIDE LANES. THE EXISTING FENCE ALONG THE FRONTAGE ROAD IS SHOWN TO BE REMOVED AND RE-ERECTED. THE HMLT SERVICE PAD CONTRACTOR SHALL MAINTAIN ACCESS CONTROL BY INSTALLING TEMPORARY CHAIN LINK FENCE (PORTABLE) WHILE EXISTING FENCE IS REMOVED.

GRADING ASSUMPTIONS:

1. ALL FINAL GRADING FOR THE TOWER AND PAD WILL BE COMPLETED BY THE ASSIGNED HMLT FOUNDATION CONTRACTOR (#62583, #62694, OR #62695) PRIOR TO THE CONSTRUCTION OF EACH LIGHT TOWER SERVICE PAD.
2. ANY MINOR GRADING ADJUSTMENTS REQUIRED WILL BE PAID FOR AS SHAPING AND GRADING AT HIGH MAST LIGHT TOWER.

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
I-57 to 71st STREET  
INDEX OF SHEETS, INDEX OF  
STATE STANDARDS, GENERAL NOTES,  
& COMMITMENTS

SCALE: NONE DRAWN BY: RTM  
DATE: AUGUST 19, 2005 CHECKED BY: TGB

Rev.

1/25/02 AM

PROJECT: HIGH MAST LIGHT TOWER SERVICE PADS  
 COOK COUNTY / CITY OF CHICAGO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	3
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

#60A08

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL	URBAN
				100% STATE
				DAN RYAN Y007
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	446	446
28000400	PERIMETER EROSION BARRIER	FOOT	3357	3357
28000510	INLET FILTERS	EACH	41	41
50300300	PROTECTIVE COAT	SQ YD	418	418
60600605	CONCRETE CURB, TYPE B	FOOT	66	66
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	559	559
67100100	MOBILIZATION	L SUM	1	1
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CA DA	18	18
<del>X0325132</del>	SHAPING AND GRADING AT HIGH MAST LIGHT TOWER	SQ YD	447	447
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	100	100
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE, INLET FILTER CLEANING	EACH	82	82
X0324433	LIGHT TOWER SERVICE PAD, 6"	SQ FT	2740	2740
X0324698	APPLYING DUST SUPPRESSION AGENT	UNIT	7	7
X6640210	TEMPORARY CHAIN LINK FENCE (PORTABLE)	FOOT	559	559
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	10	10

• - SPECIALTY ITEMS

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET

SUMMARY OF QUANTITIES

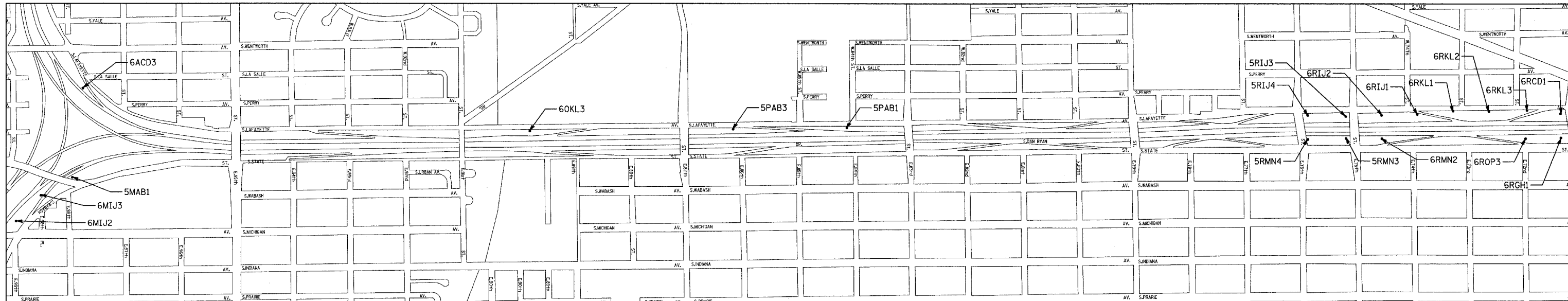
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DRAWN BY: RTM  
 CHECKED BY: TGB

PROJECT: HIGH MAST LIGHT TOWER SERVICE PADS  
 COOK COUNTY / CITY OF CHICAGO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	4
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

#60A08



HMLT	LOCATION		FOUNDATION INSTALLATION CONTRACT	TOWER INSTALLATION CONTRACT	CURB	DATE COMPLETED*	LIGHT TOWER SERVICE PAD, 6" (SQ FT)	CONCRETE CURB, TYPE B (FT)	PROTECTIVE COAT (SQ YD)
	STATION	OFFSET							
6 ACD3	136+63.00	LT 77.10'	62583	62583		November 22, 2005	137		20
5 MAB1	2031+84.70	RT 97.10'	62583	62583		November 22, 2005	137		20
6 MIJ3	2027+35.00	RT 76.00'	62583	62583	X	November 22, 2005	137	22	26
6 MIJ2	2022+92.30	RT 64.30'	62583	62583		November 22, 2005	137		20
6 OKL3	1240+99.00	LT 110.80'	62583	62583		July 31, 2006	137		20
5 PAB3	1265+14.80	LT 100.20'	62583	62583	X	November 22, 2005	137	22	26
5 PAB1	1274+15.90	LT 104.10'	62583	62583		November 22, 2005	137		20
5 RIJ4	1333+40.00	LT 116.08'	62695	62583		July 31, 2006	137		20
5 RMN4	2333+58.11	RT 107.52'	62694	62583		July 31, 2006	137		20
5 RIJ3	1337+90.00	LT 100.50'	62583	62583		July 31, 2006	137		20
6 RIJ2	1342+15.00	LT 109.70'	62583	62583		November 22, 2005	137		20
6 RIJ1	1346+40.00	LT 118.20'	62583	62583		November 22, 2005	137		20
5 RMN3	2338+10.00	RT 99.00'	62583	62583		July 31, 2006	137		20
6 RMN2	2342+34.70	RT 104.00'	62583	62583		November 22, 2005	137		20
6 RKL1	1350+64.40	LT 154.60'	62583	62583	X	November 22, 2005	137	22	26
6 RKL2	1354+90.00	LT 145.80'	62583	62583		November 22, 2005	137		20
6 RKL3	1359+40.40	LT 156.10'	62583	62583		November 22, 2005	137		20
6 ROP3	2359+39.70	RT 117.40'	62583	62583		November 22, 2005	137		20
6 RCD1	1363+38.00	LT 111.50'	62583	62583		November 22, 2005	137		20
6 RGH1	2363+59.70	RT 112.20'	62583	62583		November 22, 2005	137		20

\* REPRESENTS THE LATEST SCHEDULED COMPLETION DATE FOR BOTH THE HIGH MAST LIGHT TOWER AND FOUNDATION.

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET

SCHEDULE OF QUANTITIES

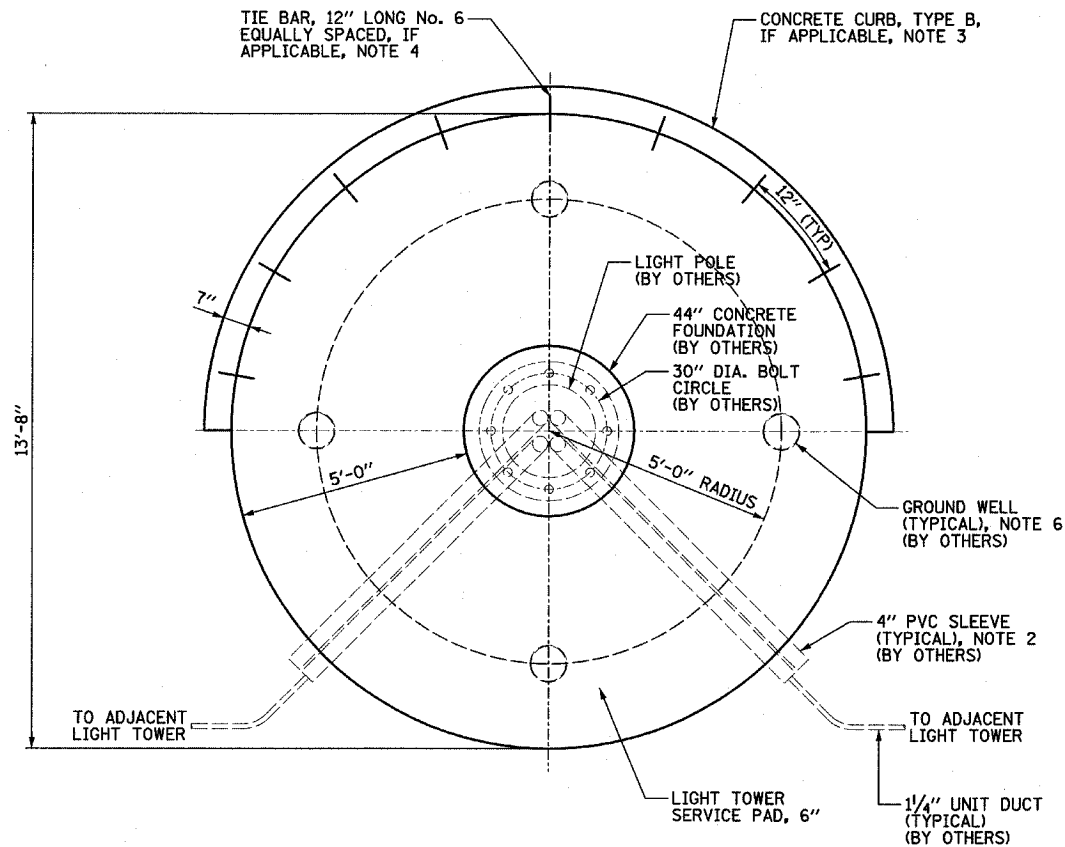
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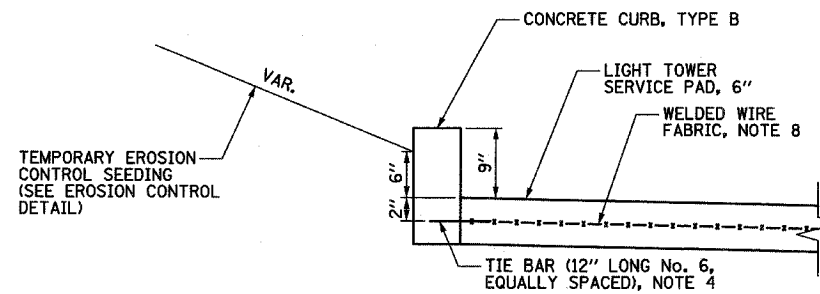


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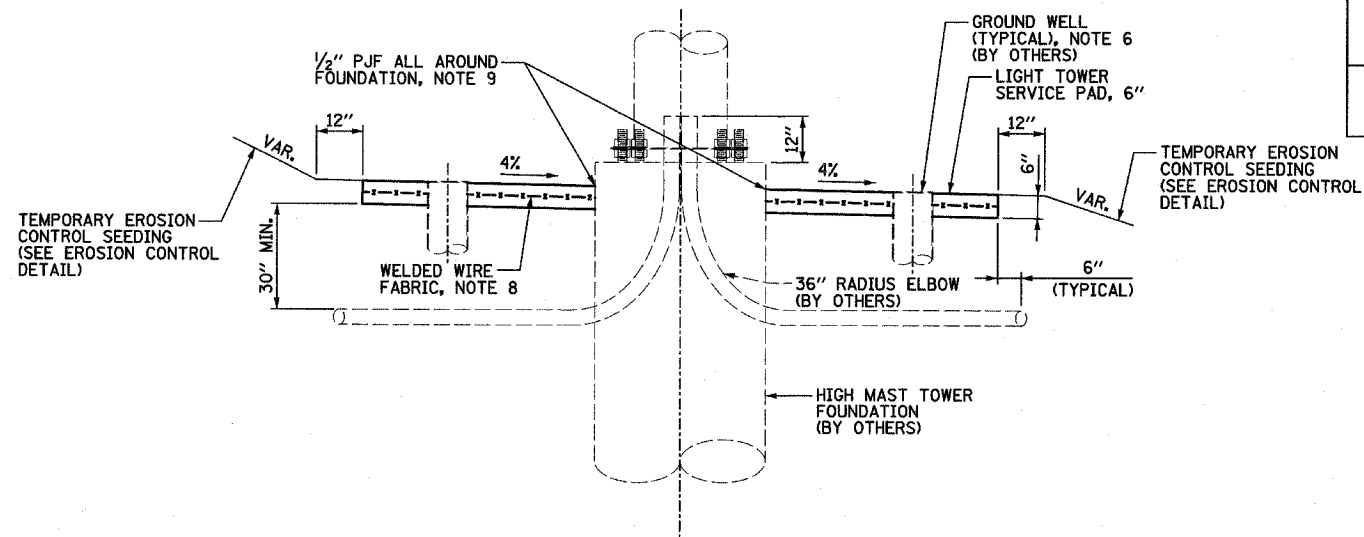
- SEE IDOT STANDARD DRAWING BE501 FOR ADDITIONAL HIGH MAST TOWER FOUNDATION DETAILS.
- 4" PVC SLEEVES PROVIDED BY THE FOUNDATION CONTRACTOR SHOULD EXTEND 6 INCHES BEYOND THE PROPOSED SERVICE PAD. IF THE CONTRACTOR DISCOVERS ANY SLEEVE TO BE UNACCEPTABLE IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- SEE CROSS SECTIONS FOR LOCATIONS WHERE CONCRETE CURB, TYPE B IS REQUIRED.
- TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF CONCRETE CURB, TYPE B.
- SEE IDOT STANDARD 606001 FOR DIMENSIONS OF CONCRETE CURB, TYPE B.
- GROUND WELLS 5'-0" AS MEASURED FROM THE CENTER LINE OF THE HIGH MAST TOWER TO THE CENTER LINE OF THE WELL TO BE INSTALLED BY OTHERS. ANY NECESSARY VERTICAL ADJUSTMENTS WILL BE PERFORMED BY THE CONTRACTOR WHO INSTALLED THE GROUND WELLS AT THE SPECIFIC LOCATION.
- CONTRACTOR FOR CONTRACT #60A08 SHALL COORDINATE WORK WITH CONTRACTS #62583, #62694, #62695, & OTHERS.
- WELDED WIRE FABRIC WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF LIGHT TOWER SERVICE PAD, 6". FABRIC SHALL BE 6 X 6, W4.5 X W4.5 AND PLACED AT MID-DEPTH OF THE PAD.
- PREFORMED JOINT FILLER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF LIGHT TOWER SERVICE PAD, 6".



PLAN



PARTIAL ELEVATION - SHOWN WITH CURB  
NOTE 3



ELEVATION - SHOWN WITHOUT CURB

GROUND MOUNTED HIGH MAST TOWER SERVICE PAD DETAIL

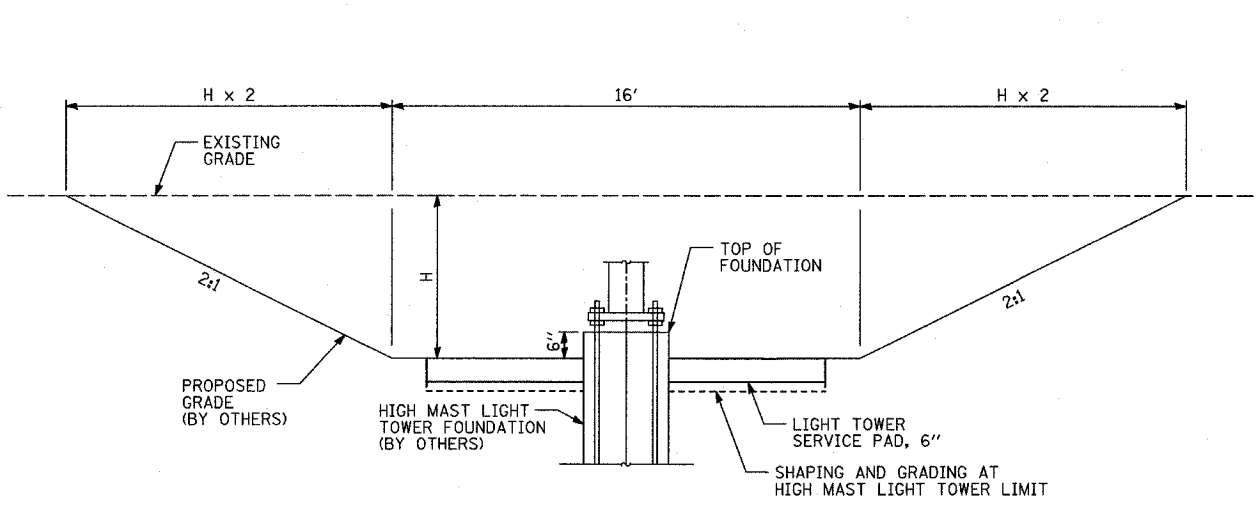
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

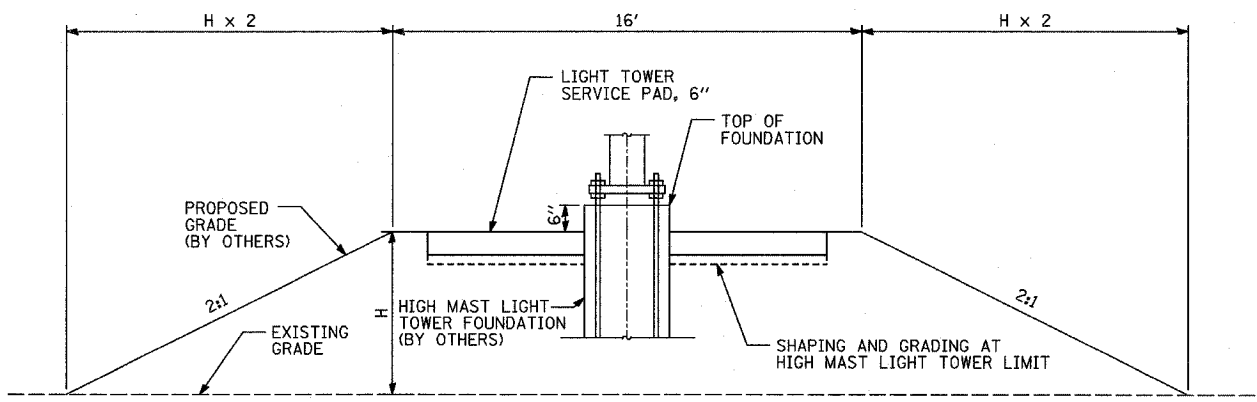
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
I-57 to 71st STREET

HIGH MAST LIGHT TOWER SERVICE PAD  
DETAIL WITH & WITHOUT CURB

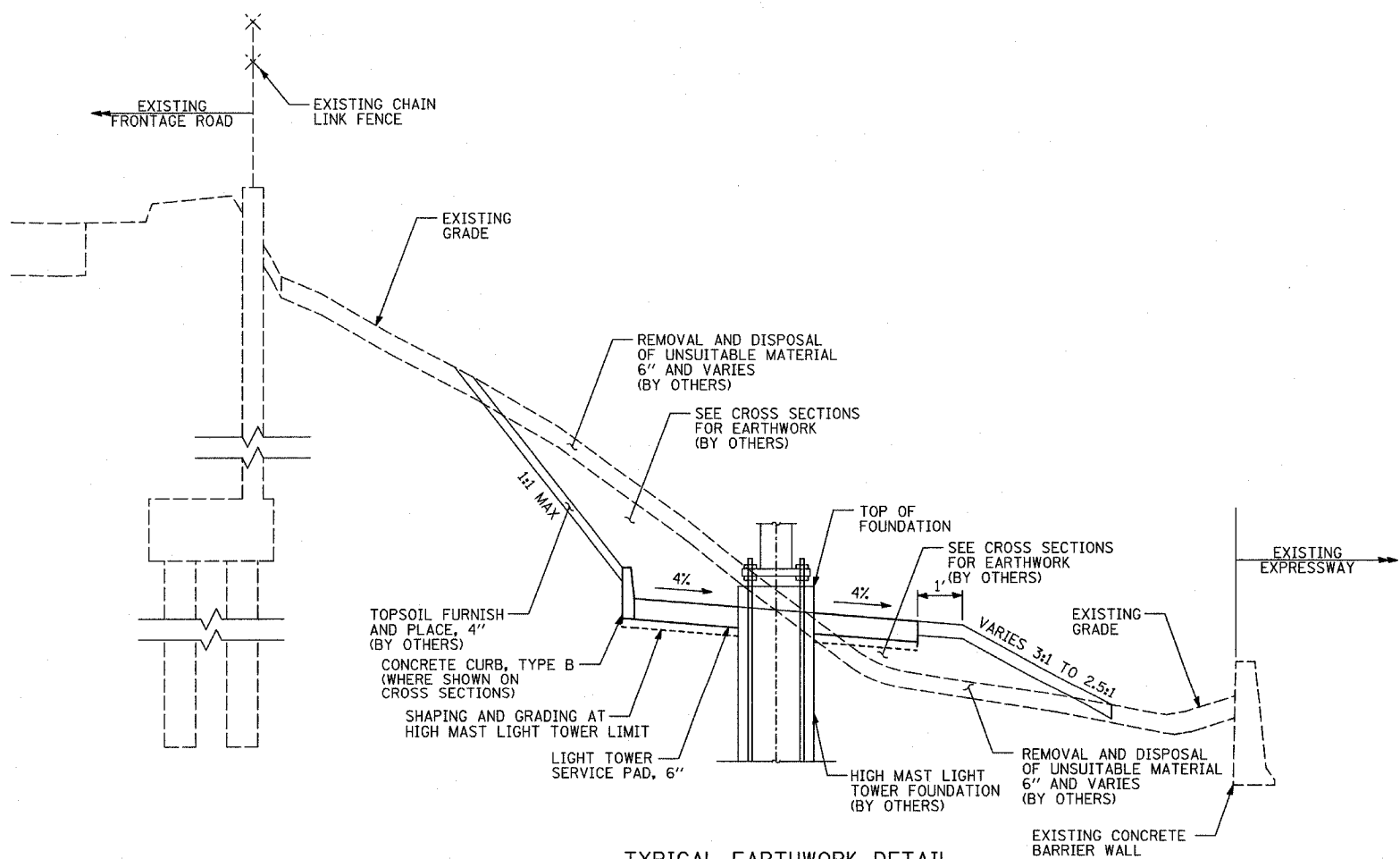
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DATE: AUGUST 19, 2005 CHECKED BY: TGB



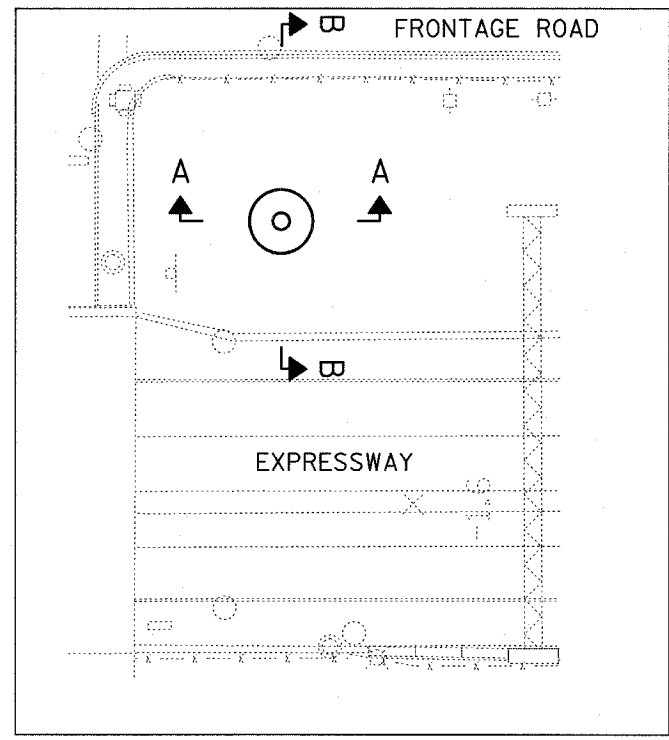
CUT GRADING DETAIL SECTION A-A



FILL GRADING DETAIL SECTION A-A



TYPICAL EARTHWORK DETAIL SECTION B-B



TYPICAL PLAN

REVISIONS	
NAME	DATE

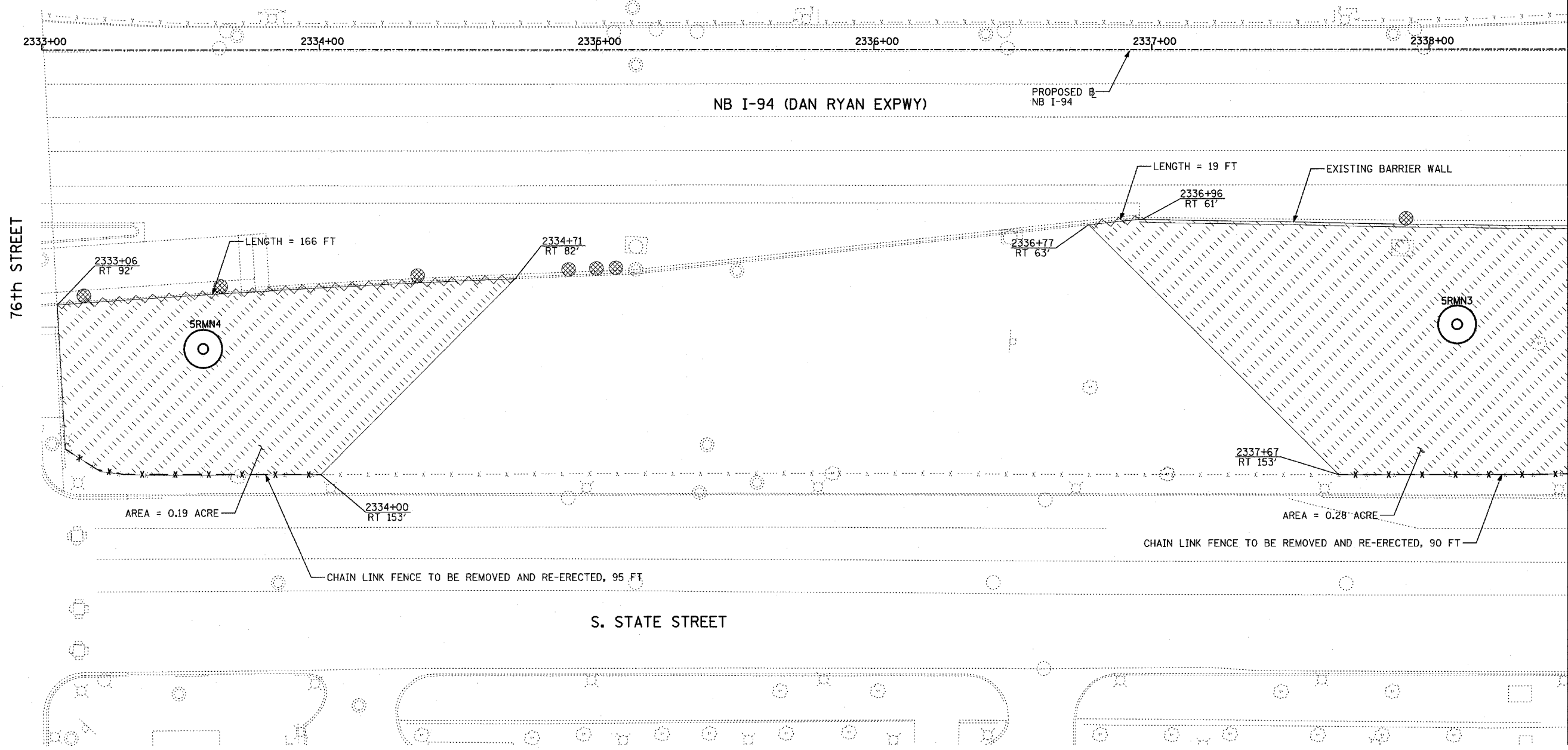
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 HIGH MAST LIGHT TOWER SERVICE PAD GRADING DETAIL

SCALE: 1"=20'  
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 DRAWN BY: RTM  
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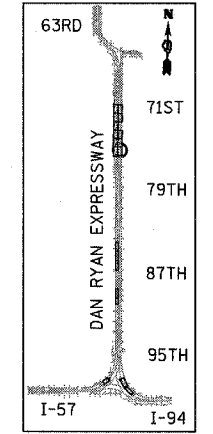
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	7
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

#60A08

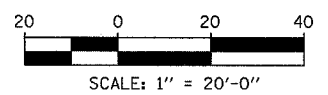
CTA RED LINE



MATCHLINE NB I-94 STA. 2338+50.00



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

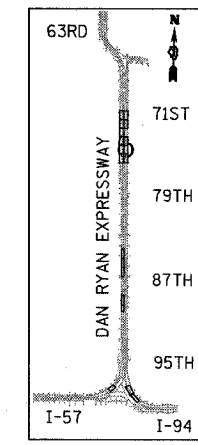
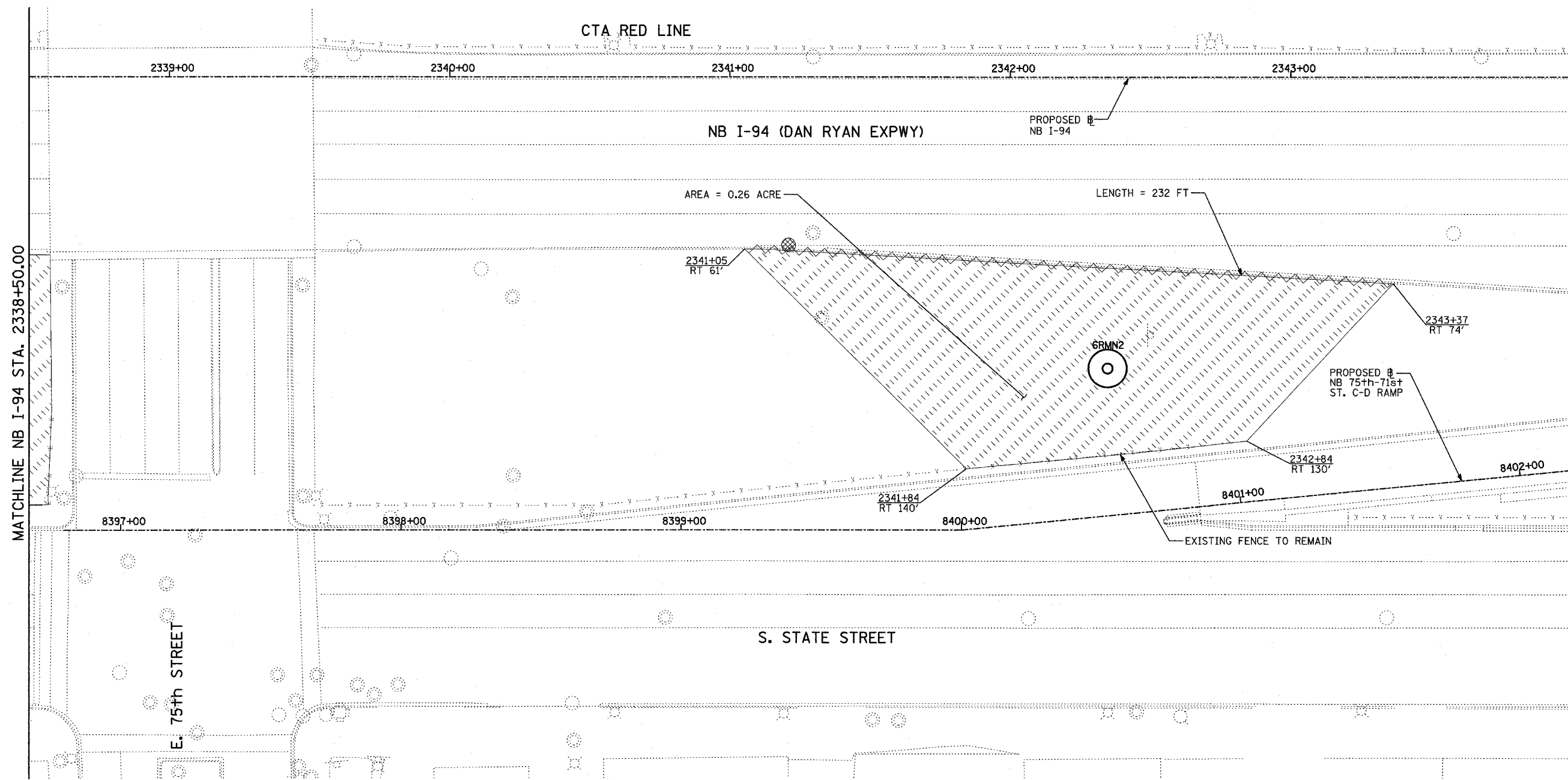
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET  
 EROSION CONTROL PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2333+00.00 TO 2338+50.00  
 SRMN4, SRMN3

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
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 CHECKED BY: TGB

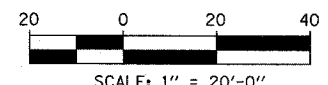
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	8
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\*60A08



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS \*62694 & \*62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS \*62593 & \*62304.
3. PLAN REFLECTS CONTRACTS \*62694 & \*62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

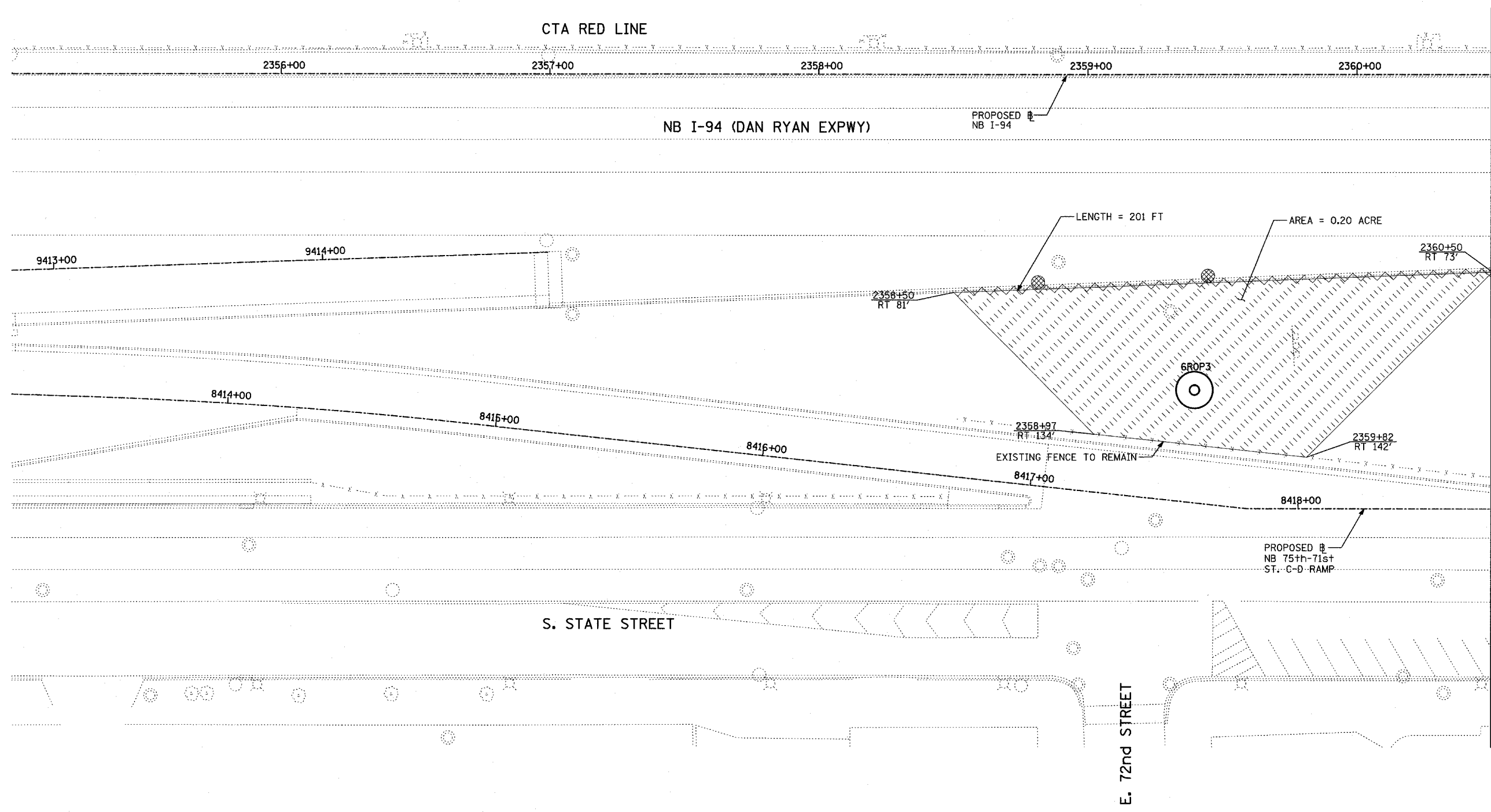
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 NB 75th TO 71st STREET RAMP  
 NB I-94 STA. 2338+50.00 TO 2344+00.00  
 6RMN2

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
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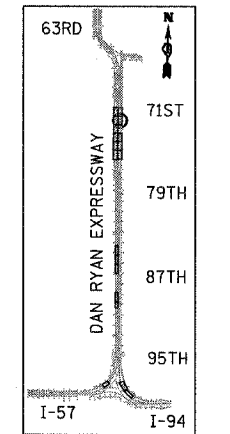
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	9
STA. 2021+00.00 TO STA. 2365+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

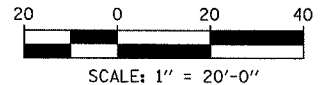
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MATCHLINE NB I-94 STA. 2360+50.00



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

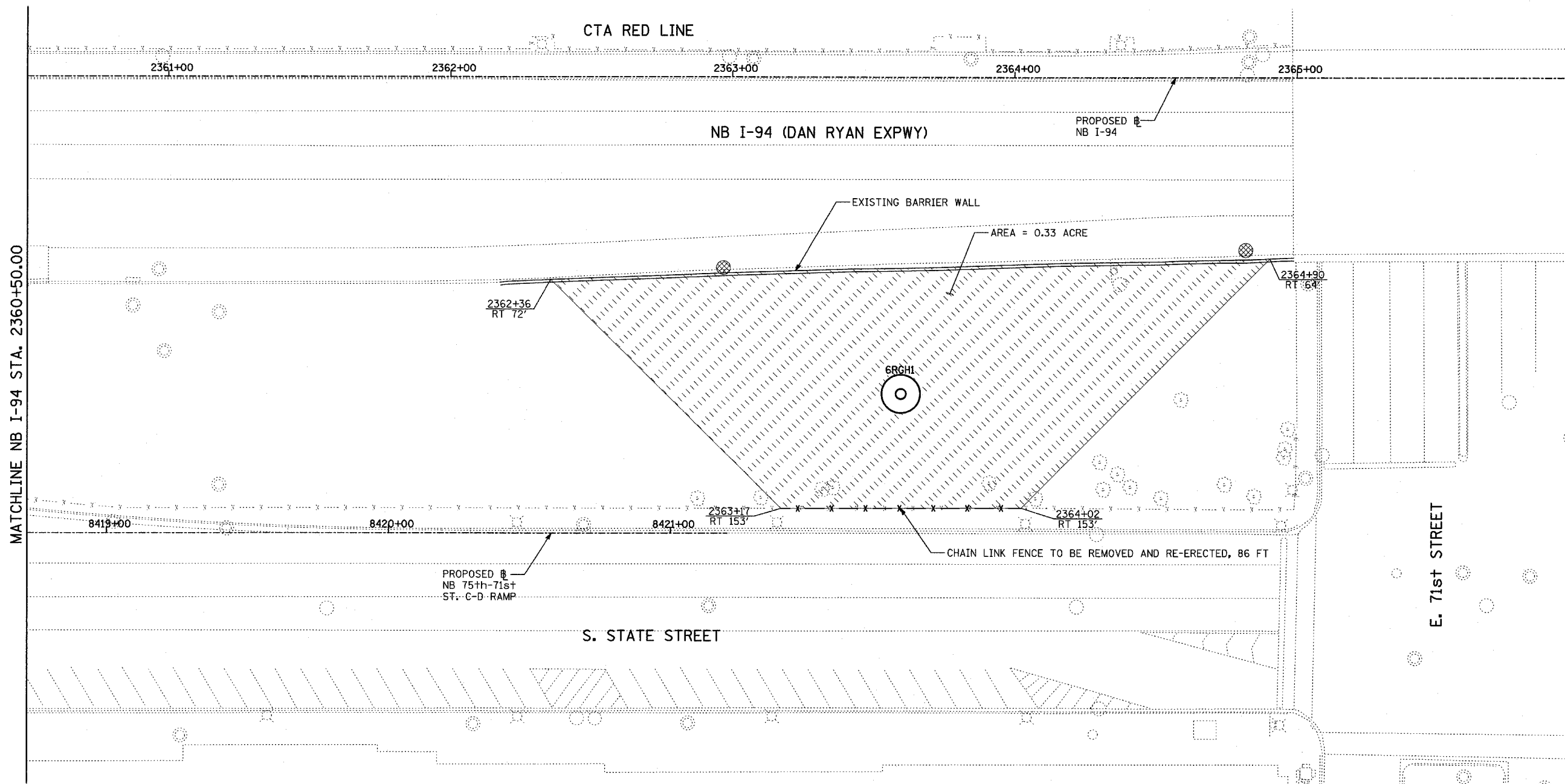
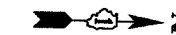
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 NB 75th TO 71st STREET RAMP  
 NB I-94 STA. 2355+00.00 TO 2360+50.00  
 6R0P3

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

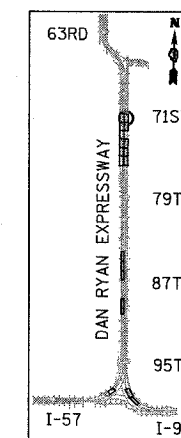
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	10
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

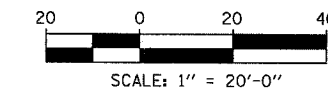
#60A08



MATCHLINE NB I-94 STA. 2360+50.00



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

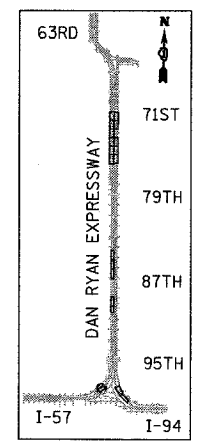
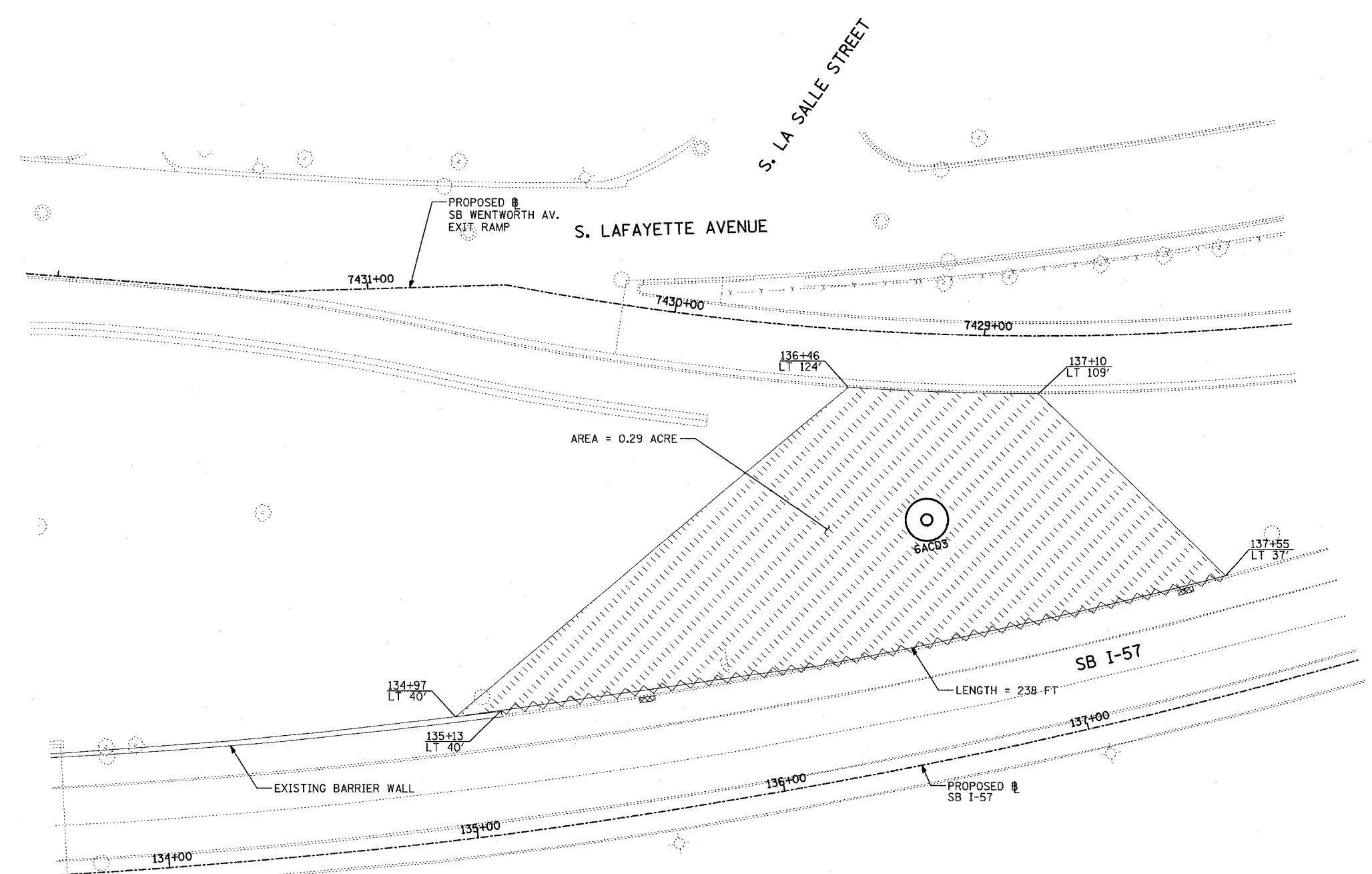
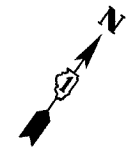
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 NB 75th TO 71st STREET RAMP  
 NB I-94 STA. 2360+50.00 TO STA. 2366+00.00  
 6RCH1

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

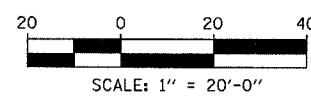
**TYLIN**INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	11
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

#60A08



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

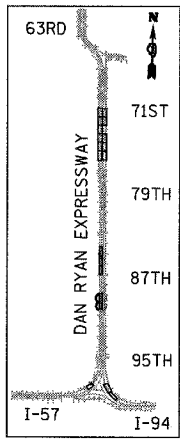
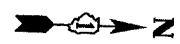
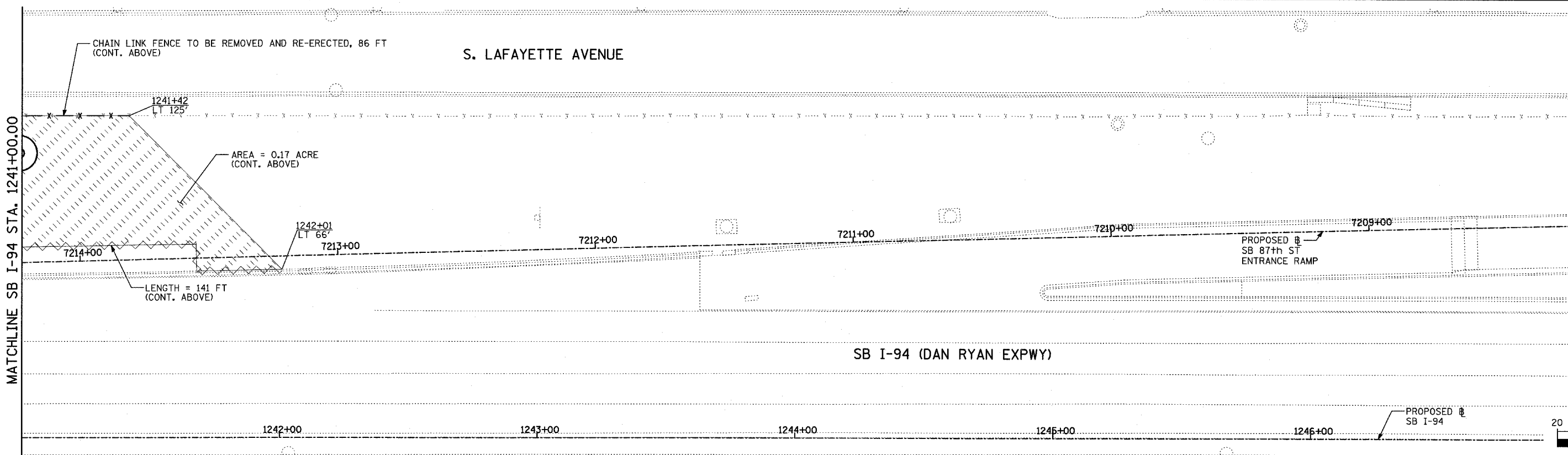
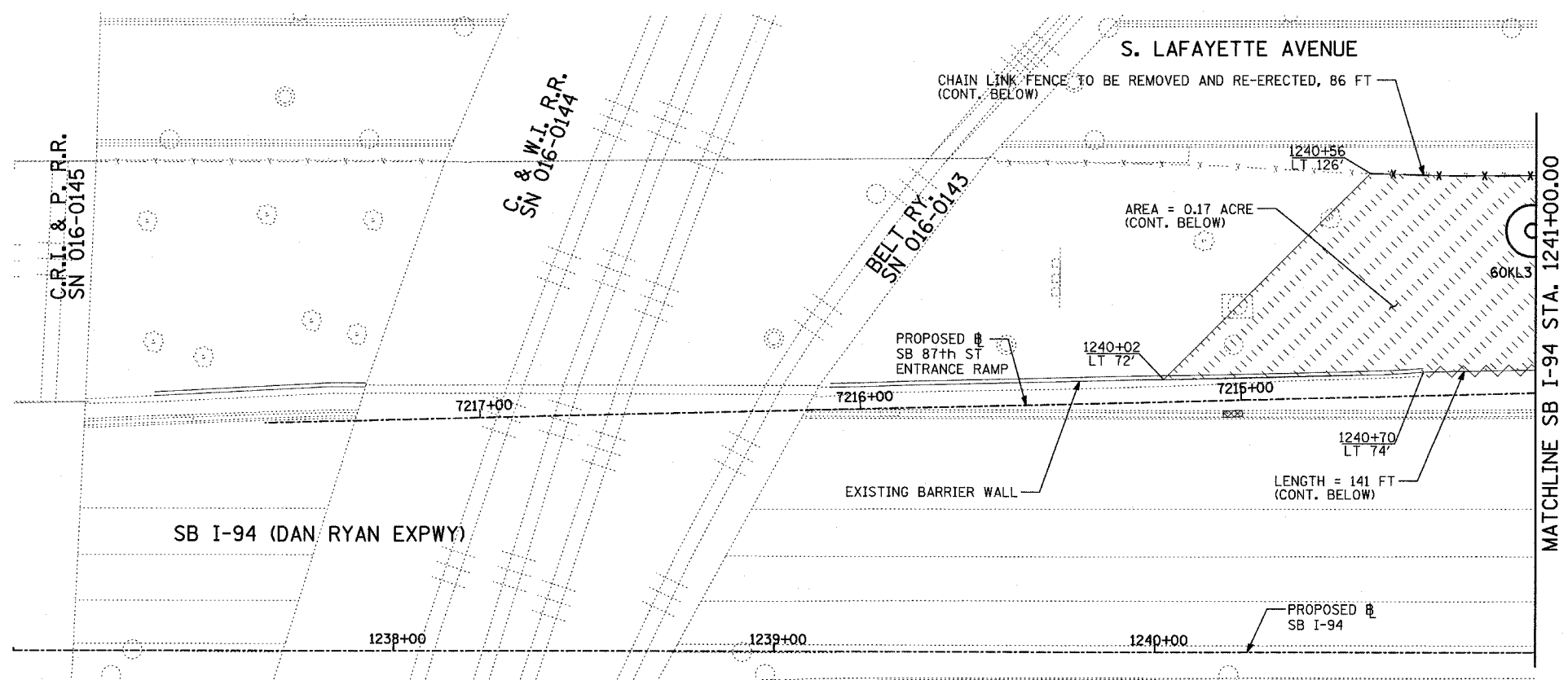
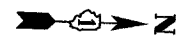
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71st STREET  
 EROSION CONTROL PLAN  
 SB WENTWORTH AVENUE EXIT RAMP  
 SB I-57 STA. 133+64.00 TO 137+90.00  
 6ACD3

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

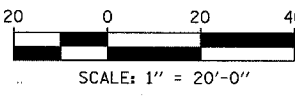
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	12
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

#60A08



LOCATION MAP



**NOTES:**

- ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS \*62694 & \*62695 IS OPENED.
- FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS \*62593 & \*62304.
- PLAN REFLECTS CONTRACTS \*62694 & \*62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 SB 87th STREET ENTRANCE RAMP  
 SB I-94 STA. 1237+00.00 TO 1247+00.00  
 60KL3

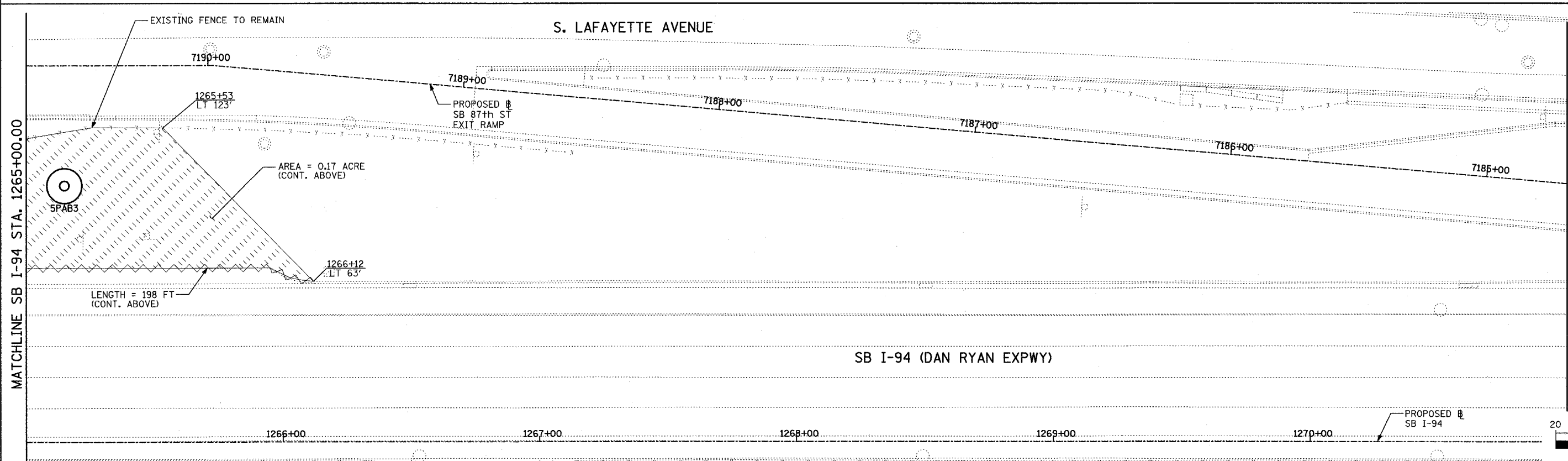
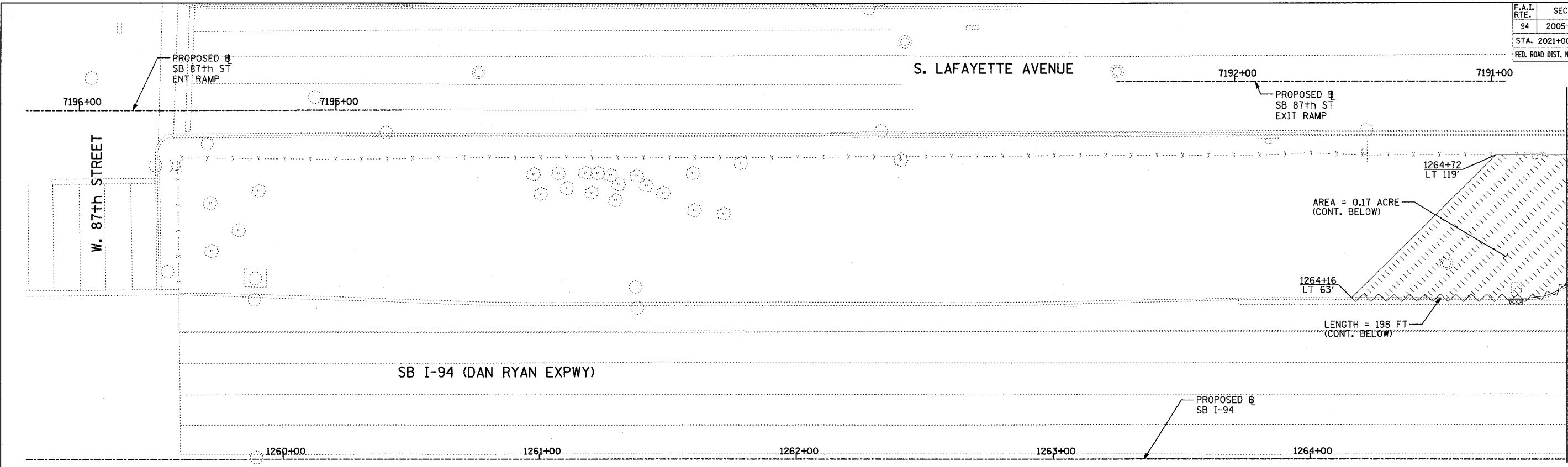
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**TYLIN** INTERNATIONAL

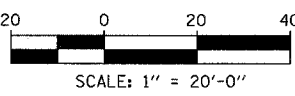
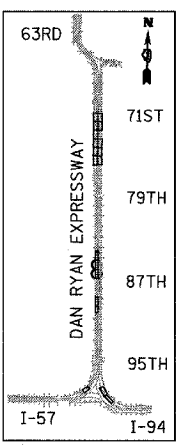


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	13
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCHLINE SB I-94 STA. 1265+00.00




MATCHLINE SB I-94 STA. 1271+00.00



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

-  TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
-  PERIMETER EROSION BARRIER
-  INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET  
 EROSION CONTROL PLAN  
 SB 87th STREET EXIT RAMP  
 SB I-94 STA. 1259+00.00 TO 1271+00.00  
 5PAB3

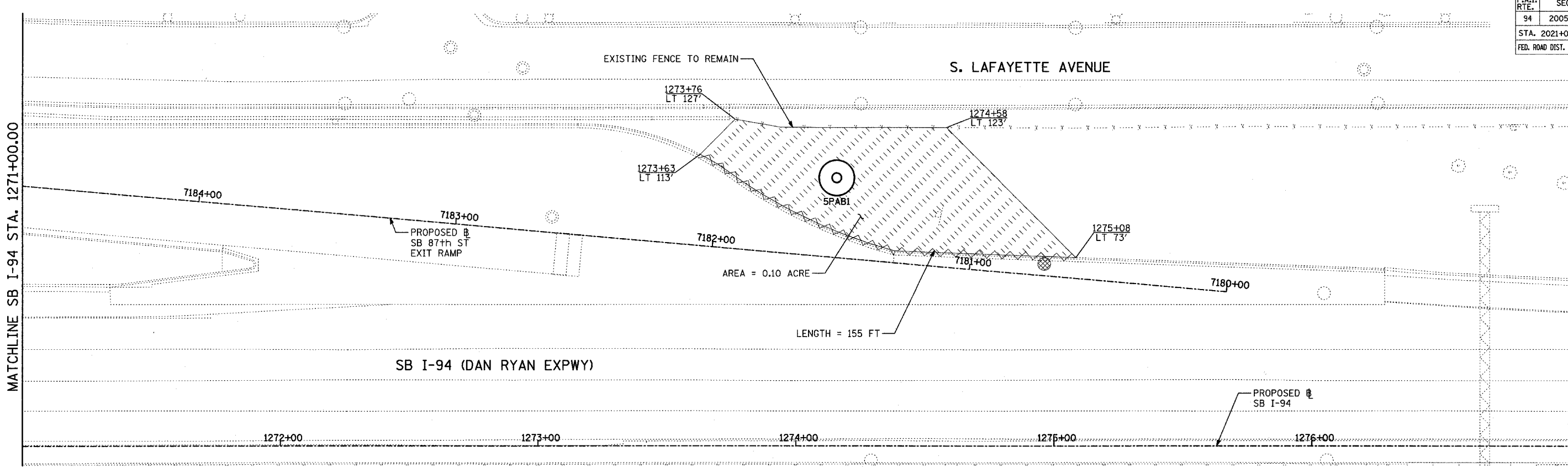
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 CHECKED BY: TGB

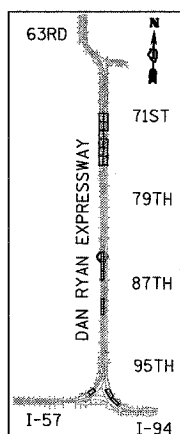
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	14
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

#60A08



MATCHLINE SB I-94 STA. 1271+00.00



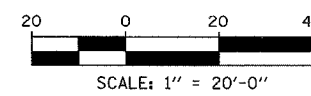
LOCATION MAP

**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

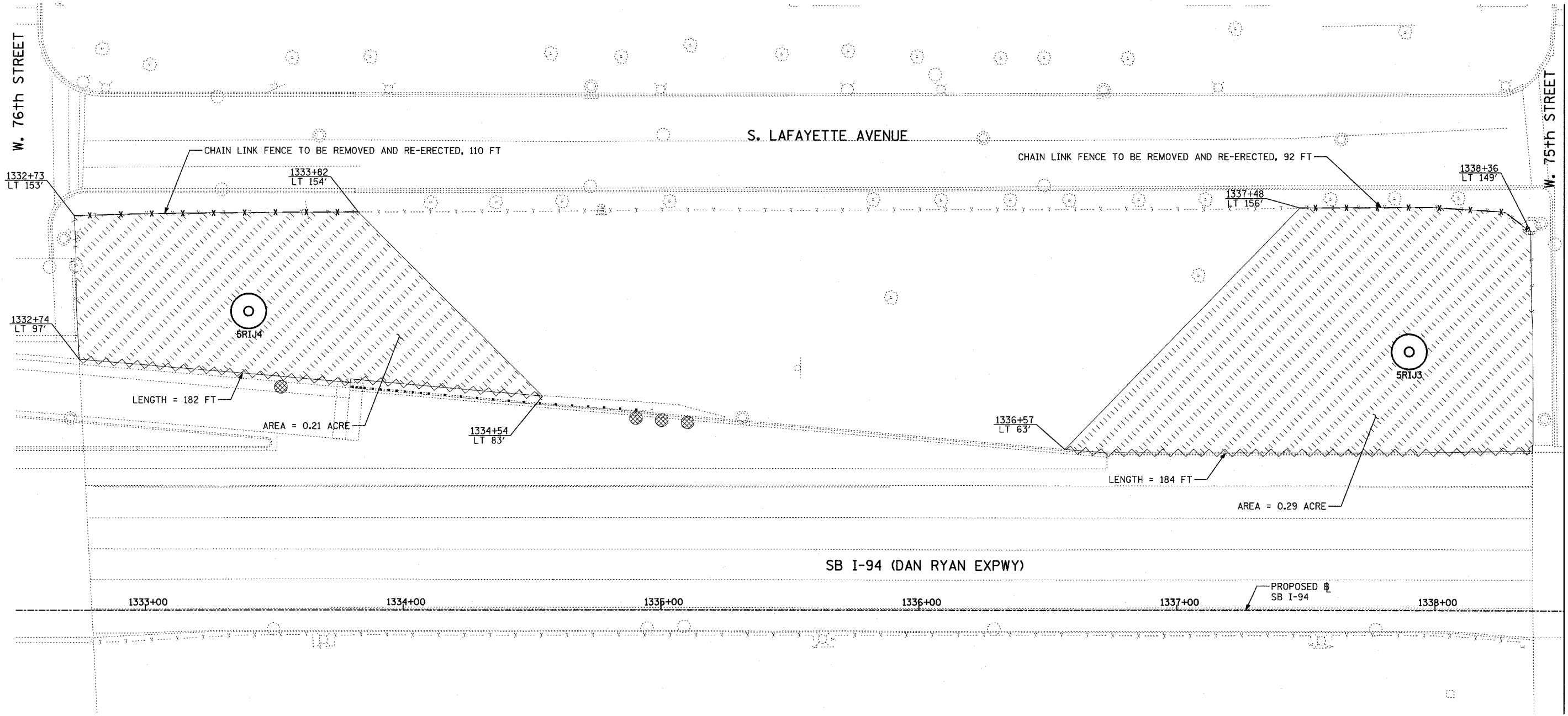


REVISIONS	
NAME	DATE

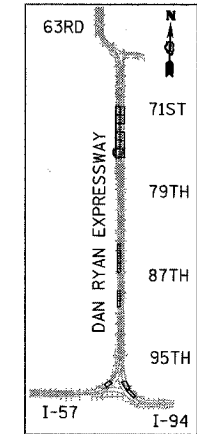
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET  
 EROSION CONTROL PLAN  
 SB 87th STREET EXIT RAMP  
 SB I-94 STA. 1271+00.00 TO 1283+00.00  
 5PAB1

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

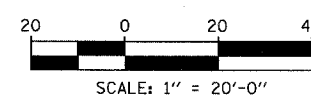
**TYLIN**INTERNATIONAL



MATCHLINE SB I-94 STA. 1338+50.00



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS \*62694 & \*62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS \*62593 & \*62304.
3. PLAN REFLECTS CONTRACTS \*62694 & \*62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

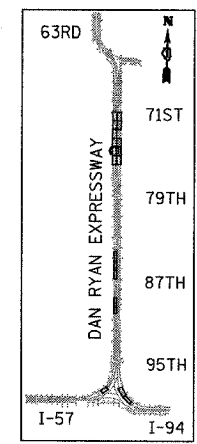
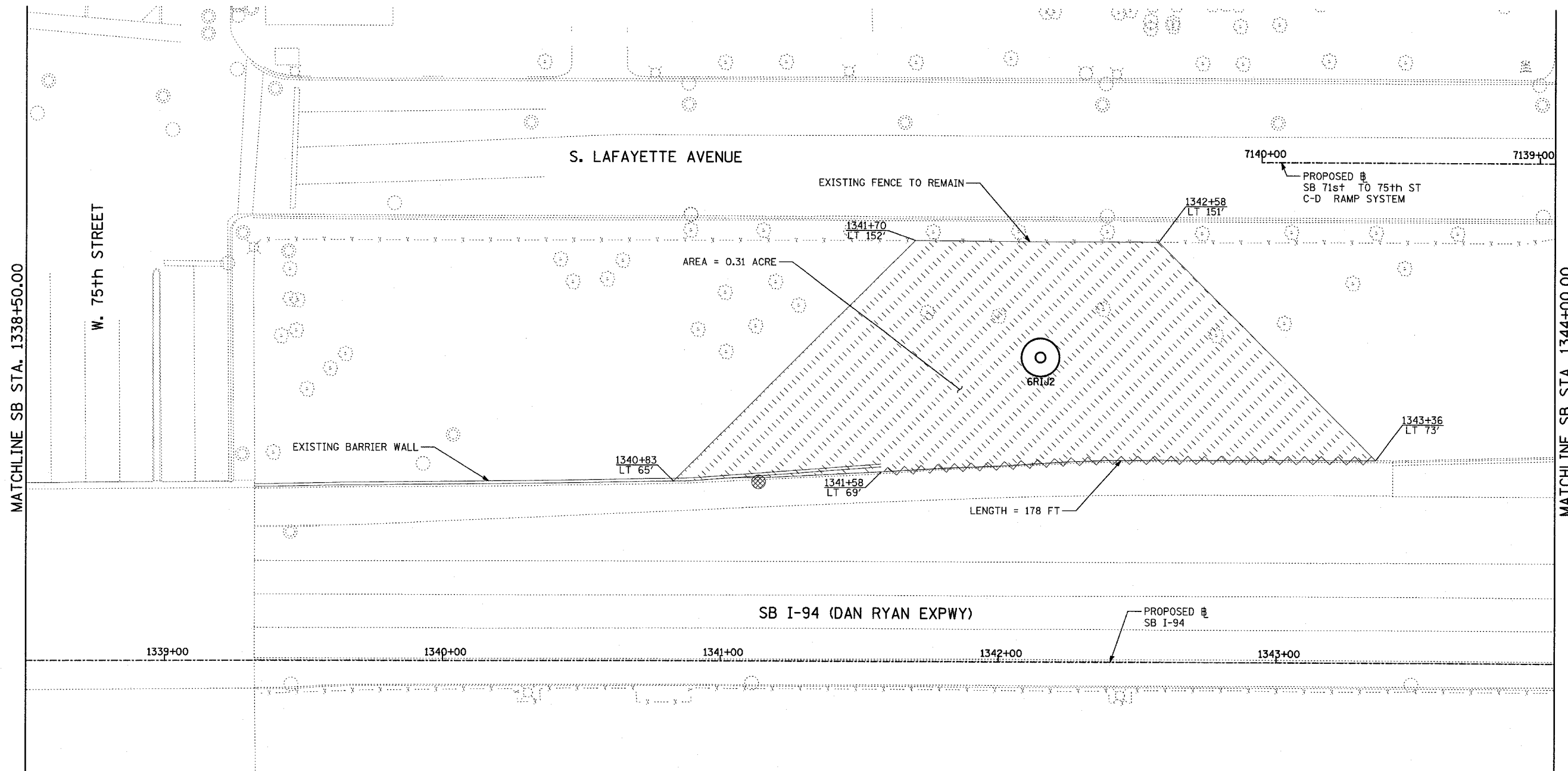
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 SB I-94 (DAN RYAN EXPRESSWAY)  
 SB I-94 STA. 1332+50.00 TO 1338+50.00  
 5RIJ4, 5RIJ3

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

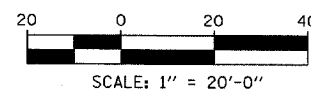
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	16
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

#60A08



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 SB 71st TO 75th ST RAMP  
 SB I-94 STA. 1338+50.00 TO 1344+00.00  
 6RIJ2  
 SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

**TYLIN** INTERNATIONAL

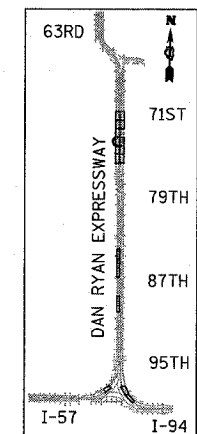
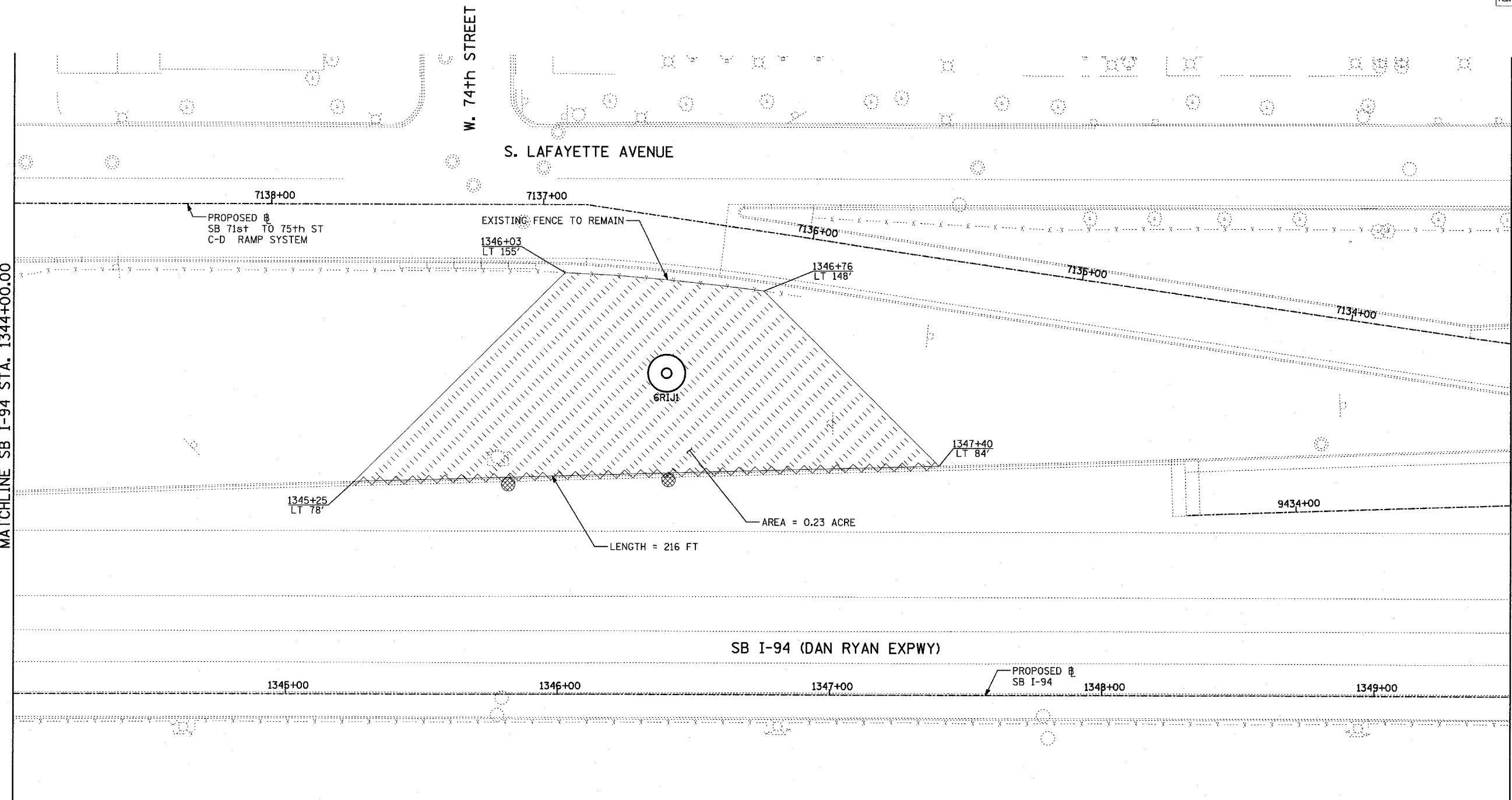
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	17
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\*60A08

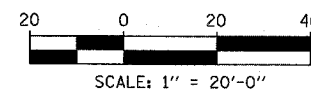


MATCHLINE SB I-94 STA. 1344+00.00

MATCHLINE SB I-94 STA. 1349+50.00



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
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3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

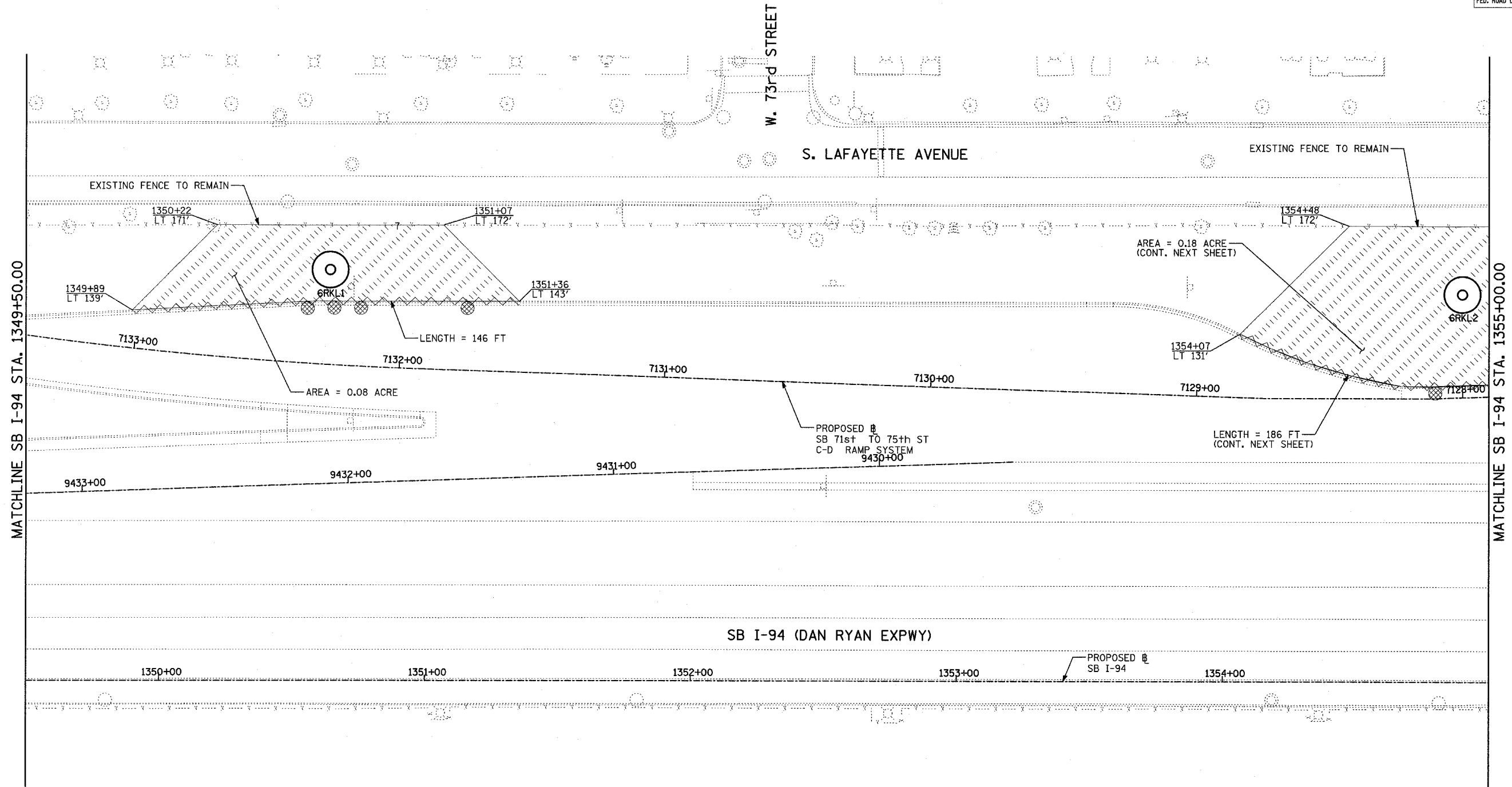
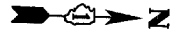
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**I-57 TO 71ST STREET**  
**EROSION CONTROL PLAN**  
**SB 71st TO 75th ST RAMP**  
**SB I-94 STA. 1344+00.00 TO 1349+50.00**  
**6RIJ1**

SCALE: 1"=20'      DRAWN BY: RTM  
DATE: AUGUST 19, 2005      CHECKED BY: TGB



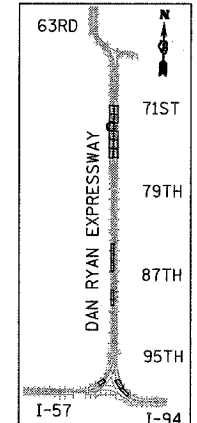
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	18
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

#60A08

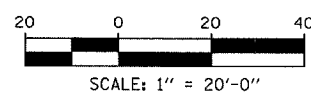


MATCHLINE SB I-94 STA. 1349+50.00

MATCHLINE SB I-94 STA. 1355+00.00



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
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3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

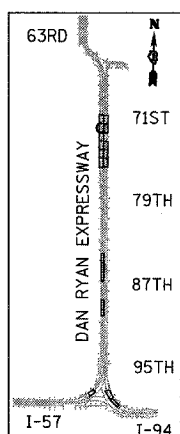
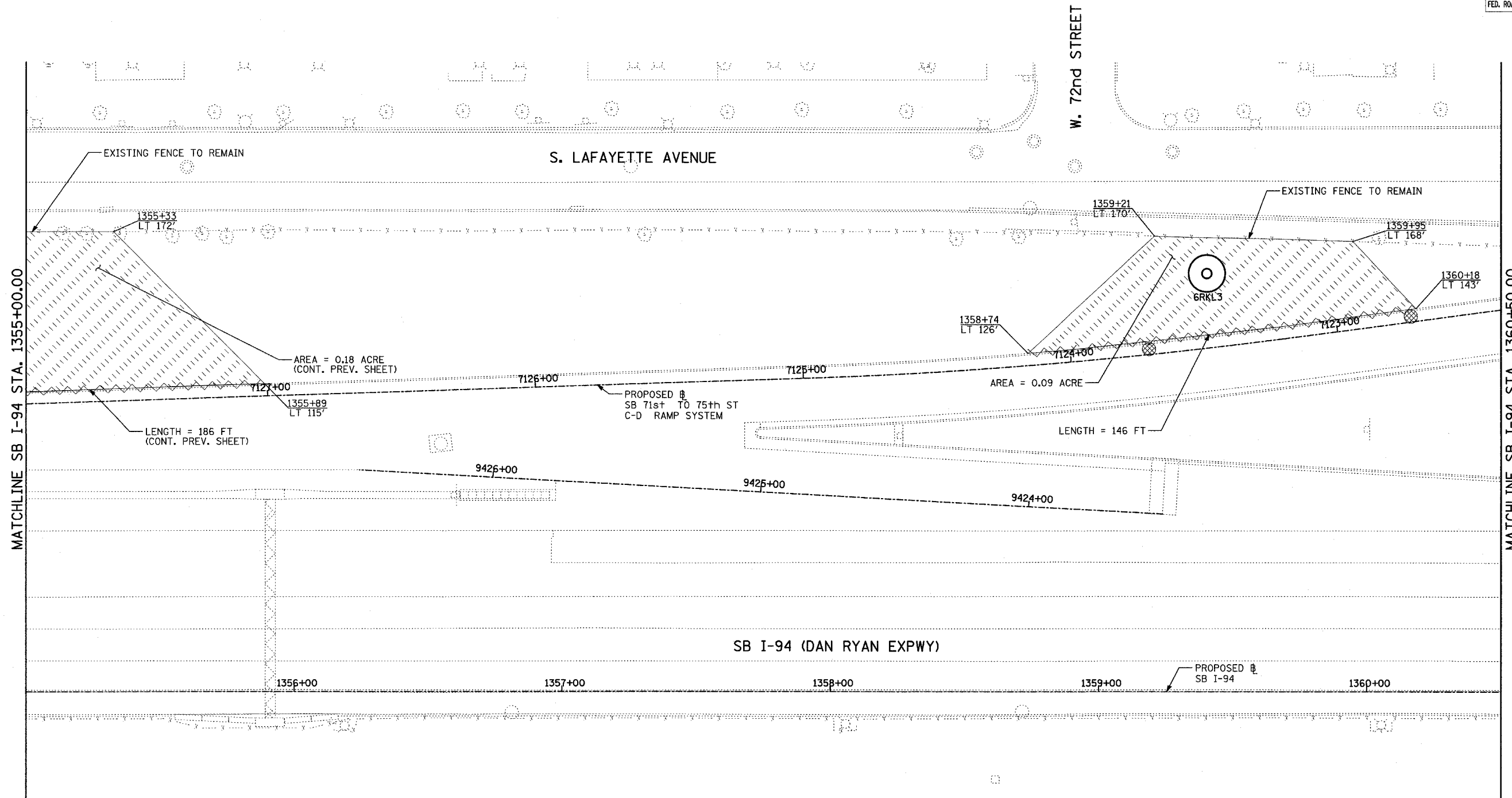
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 SB 71st TO 75th ST RAMP  
 SB I-94 STA. 1349+50.00 TO 1355+00.00  
 6RKL1, 6RKL2

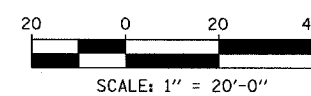
SCALE: 1"=20'  
 DATE: AUGUST 19, 2005

DRAWN BY: RTM  
 CHECKED BY: TGB

**TYLIN** INTERNATIONAL



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

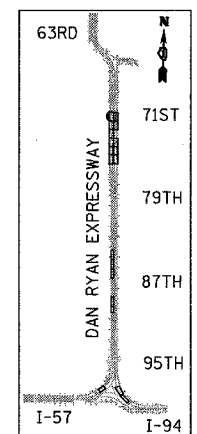
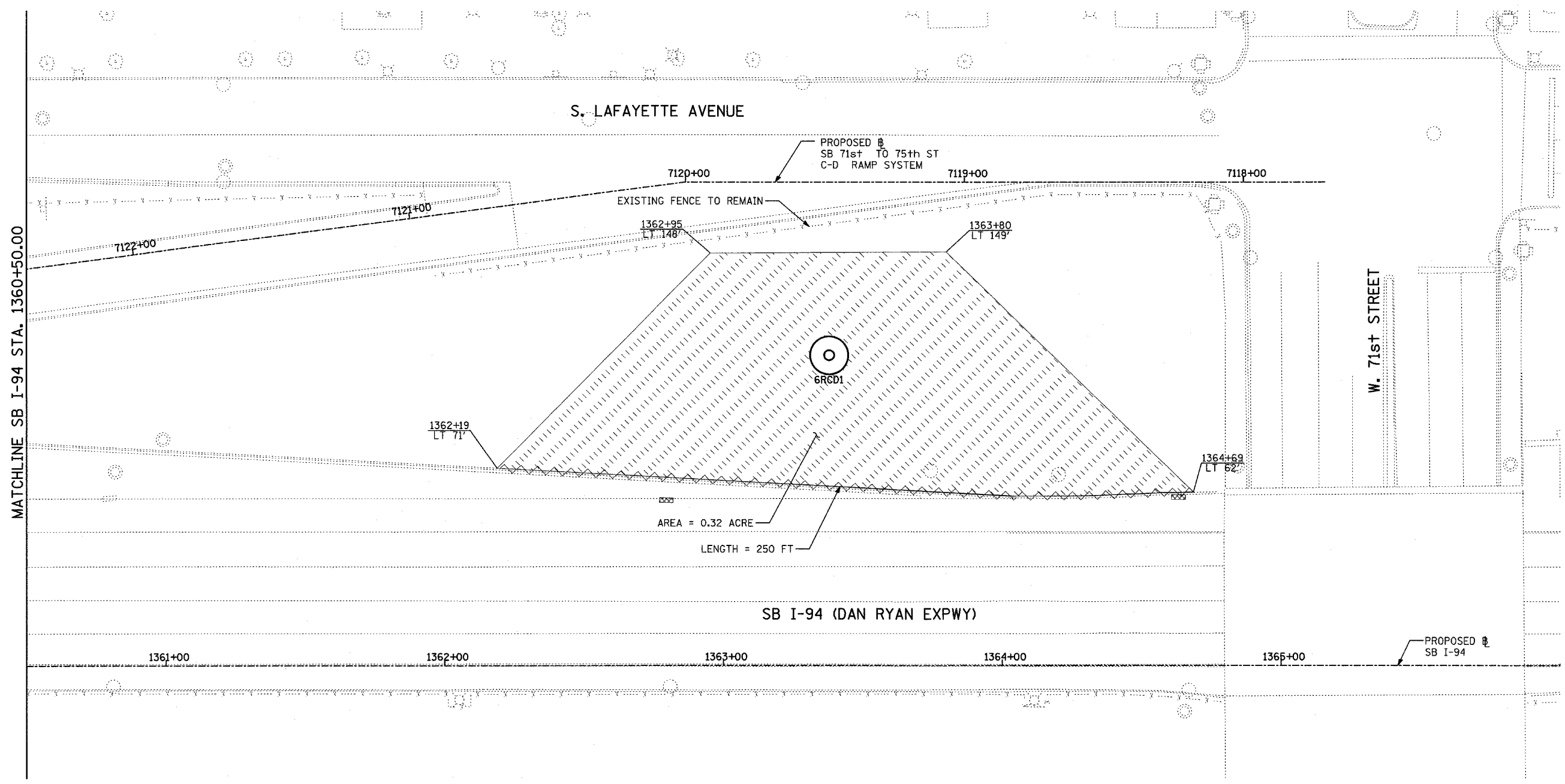
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71ST STREET  
 EROSION CONTROL PLAN  
 SB 71st TO 75th ST RAMP  
 SB I-94 STA. 1355+00.00 TO 1360+50.00  
 6RKL3

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

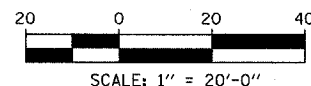
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	20
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

#60A08



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS \*62694 & \*62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS \*62593 & \*62304.
3. PLAN REFLECTS CONTRACTS \*62694 & \*62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET  
 EROSION CONTROL PLAN  
 SB 71st TO 75th ST RAMP  
 SB I-94 STA. 1360+50.00 TO 1366+00.00  
 6RCD1

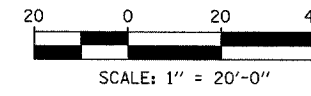
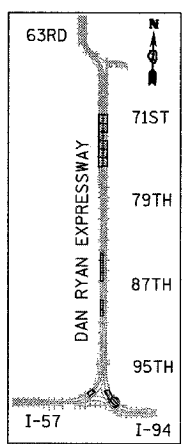
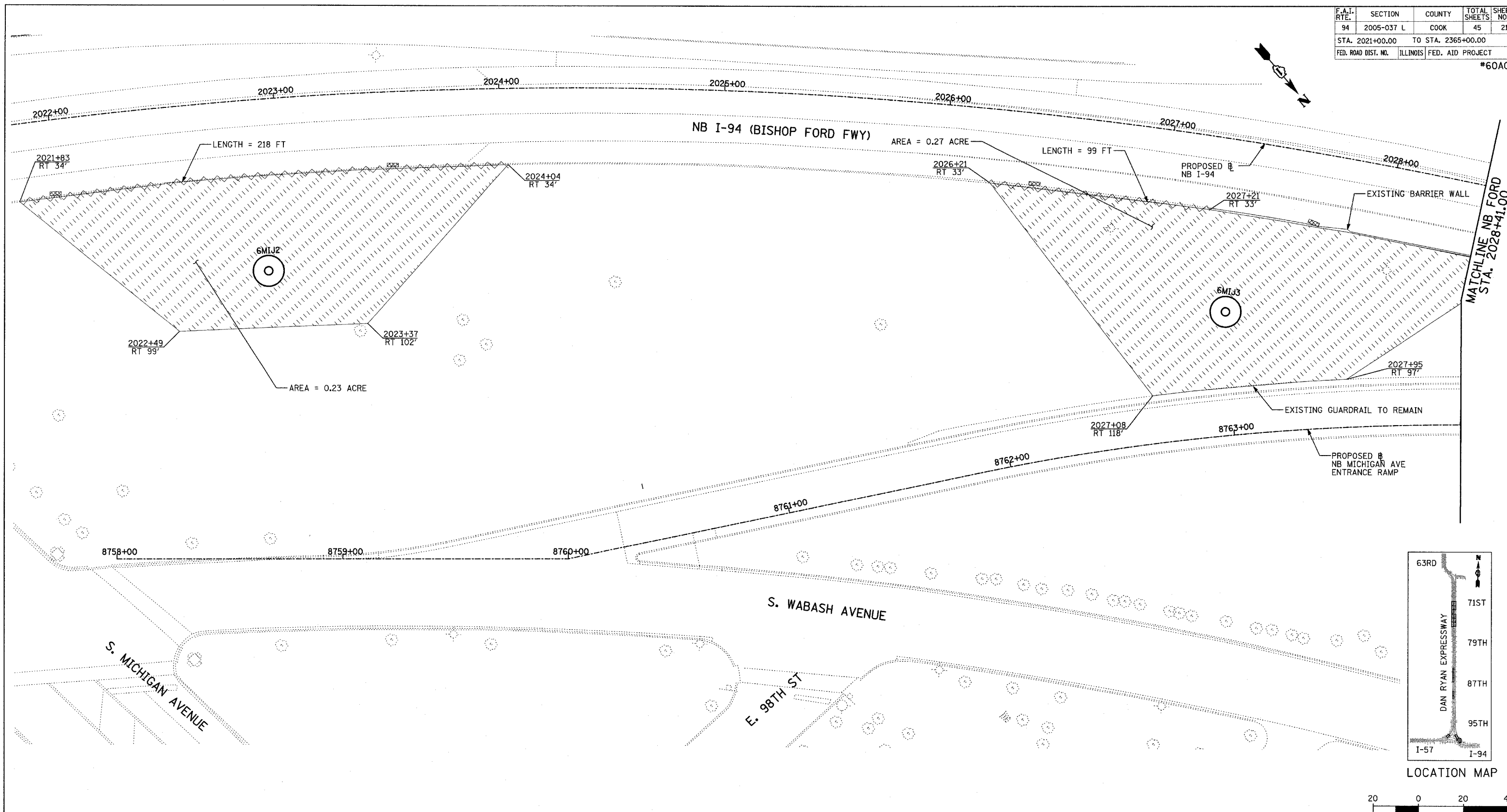
SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

**TYLIN** INTERNATIONAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	21
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		




#60A08



**NOTES:**

- ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
- FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
- PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

-  TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
-  PERIMETER EROSION BARRIER
-  INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

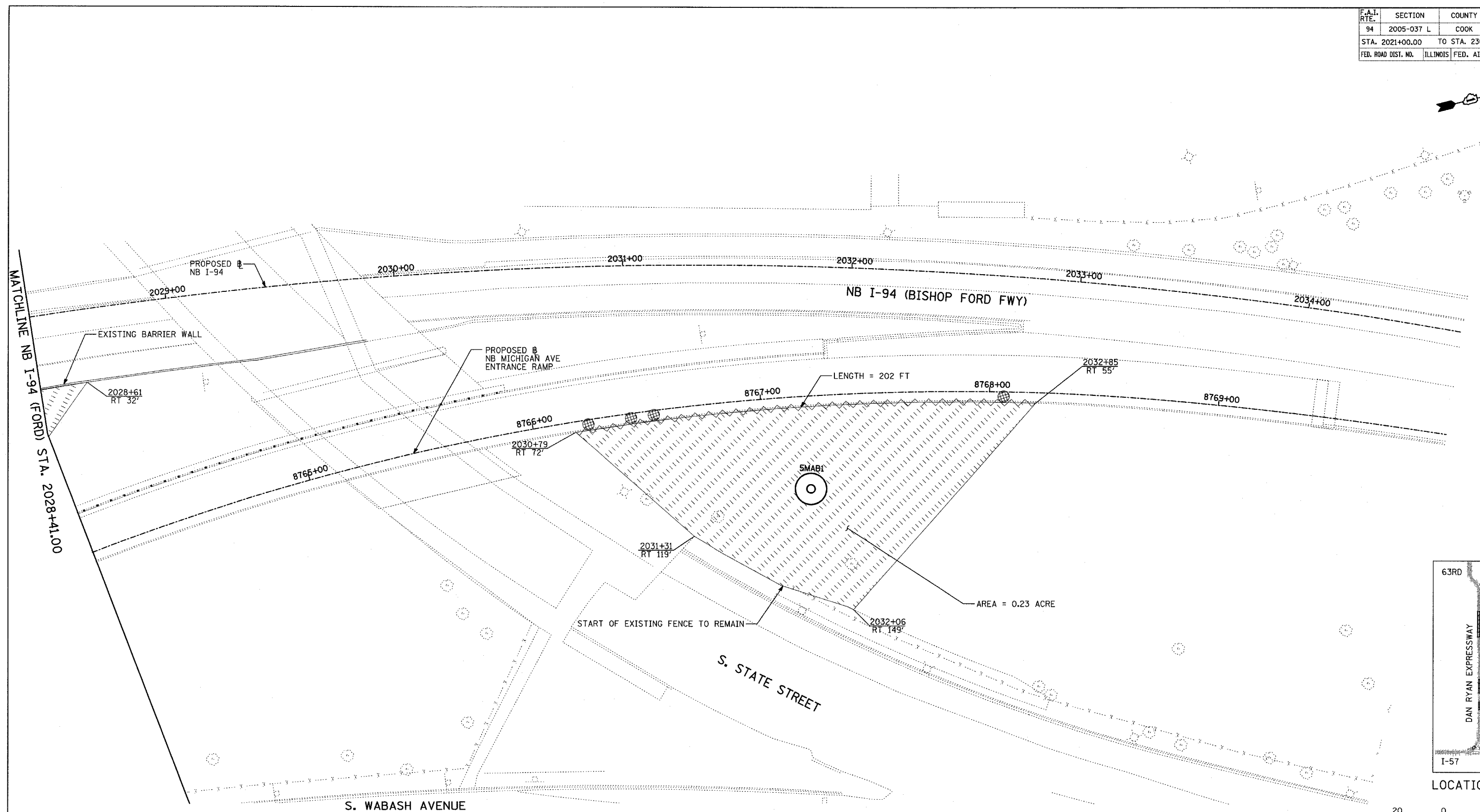
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET  
 EROSION CONTROL PLAN  
 NB-I-94 (BISHOP FORD FWY)  
 NB I-94 STA. 2021+83.00 TO STA. 2028+41.00  
 6MIJ2, 6MIJ3  
 SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

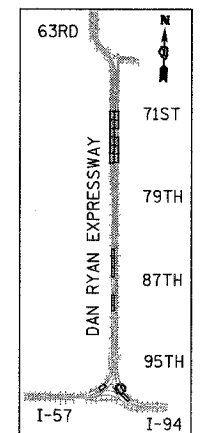
**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	22
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

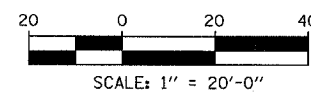
#60A08



MATCHLINE NB I-94 (FORD) STA. 2028+41.00



LOCATION MAP



**NOTES:**

1. ALL HIGH MAST LIGHT TOWER SERVICE PADS MUST BE CONSTRUCTED AFTER THE ADJACENT RAMP IN CONTRACTS #62694 & #62695 IS OPENED.
2. FINAL TURF RESTORATION WILL BE PROVIDED BY CONTRACTS #62593 & #62304.
3. PLAN REFLECTS CONTRACTS #62694 & #62695 AS EXISTING CONDITIONS.

**LEGEND:**

- TEMPORARY EROSION CONTROL SEEDING (100 LBS PER ACRE)
- PERIMETER EROSION BARRIER
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

REVISIONS	
NAME	DATE

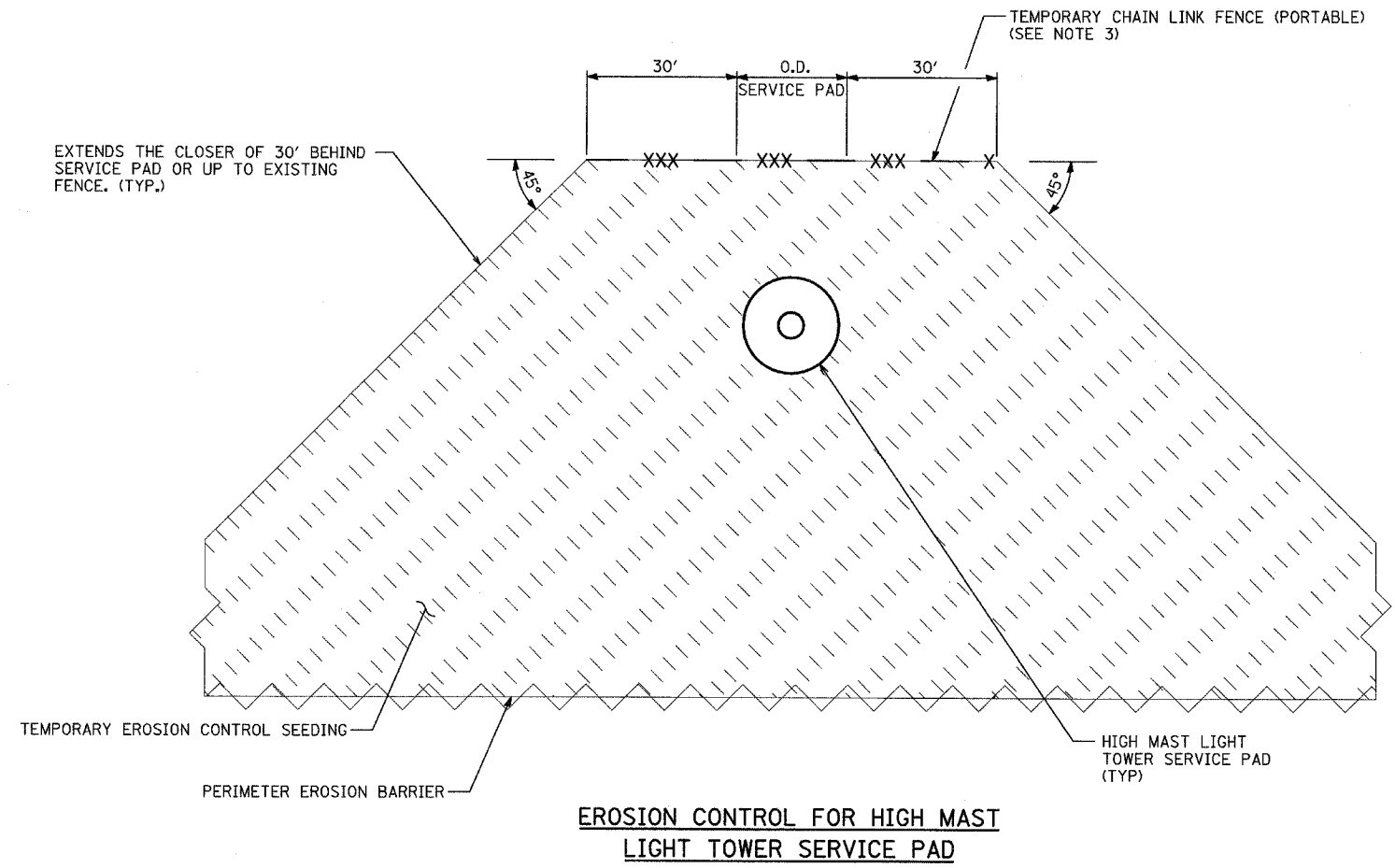
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 to 71st STREET  
 EROSION CONTROL PLAN  
 NB-I-94 (BISHOP FORD FWY)  
 NB I-94 STA. 2028+41.00 TO 2034+68.00  
 5MAB1

SCALE: 1"=20'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: RTM  
 CHECKED BY: TGB

**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	23
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

#60A08



**NOTES:**

1. THE CONTRACTOR MUST COORDINATE THE USE, REPAIR, AND REMOVAL OF ANY EXISTING EROSION CONTROL ITEMS FROM PREVIOUS CONTRACTS LOCATED WITHIN THE PROPOSED LIMITS OF THIS CONTRACT AT THE APPROVAL OF THE ENGINEER. HOWEVER, QUANTITIES FOR FULL REPLACEMENT OF ALL EROSION CONTROL ITEMS HAVE BEEN INCLUDED IF NECESSARY.
2. THE CONTRACTOR MAY ONLY MOVE EXISTING EROSION CONTROL ITEMS WITH THE PERMISSION OF THE ENGINEER.
3. TEMPORARY CHAIN LINK FENCE (PORTABLE) SHALL BE PROVIDED AT ALL LOCATIONS WHERE CHAIN LINK FENCE IS REMOVED AND RE-ERECTED.

**TYLIN**INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
I-57 to 71st STREET

**EROSION CONTROL DETAILS**

SCALE: NO SCALE      DRAWN BY: RTM  
DATE: AUGUST 19, 2005      CHECKED BY: TGB

P.A. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037L	COOK	45	24
STA. 2,021+00.00		TO STA. 2,365+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

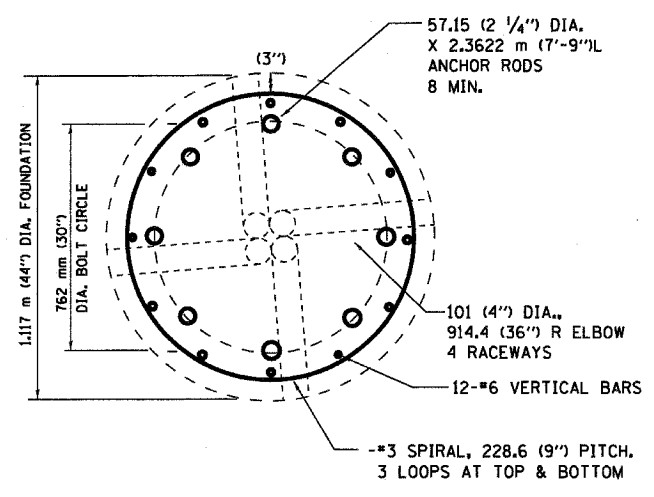
#60A08

**LIGHT TOWER FOUNDATION DEPTH "D"**

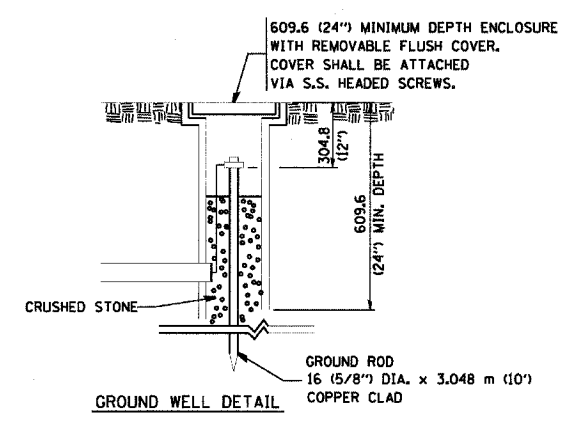
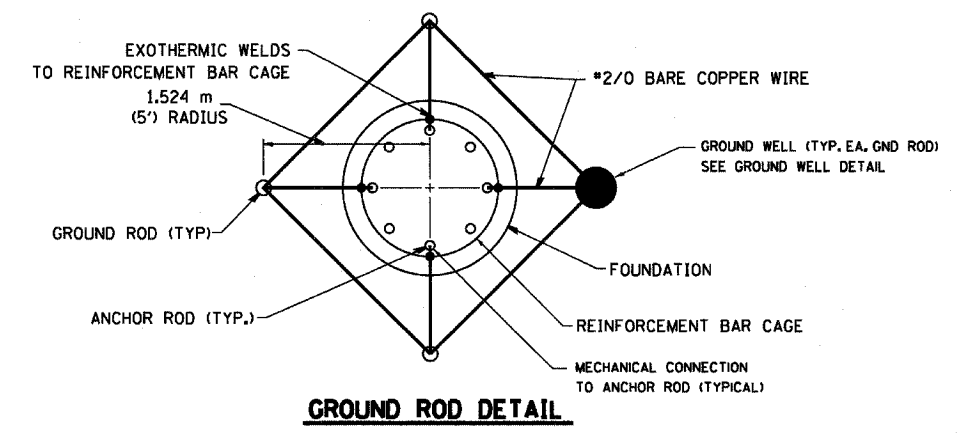
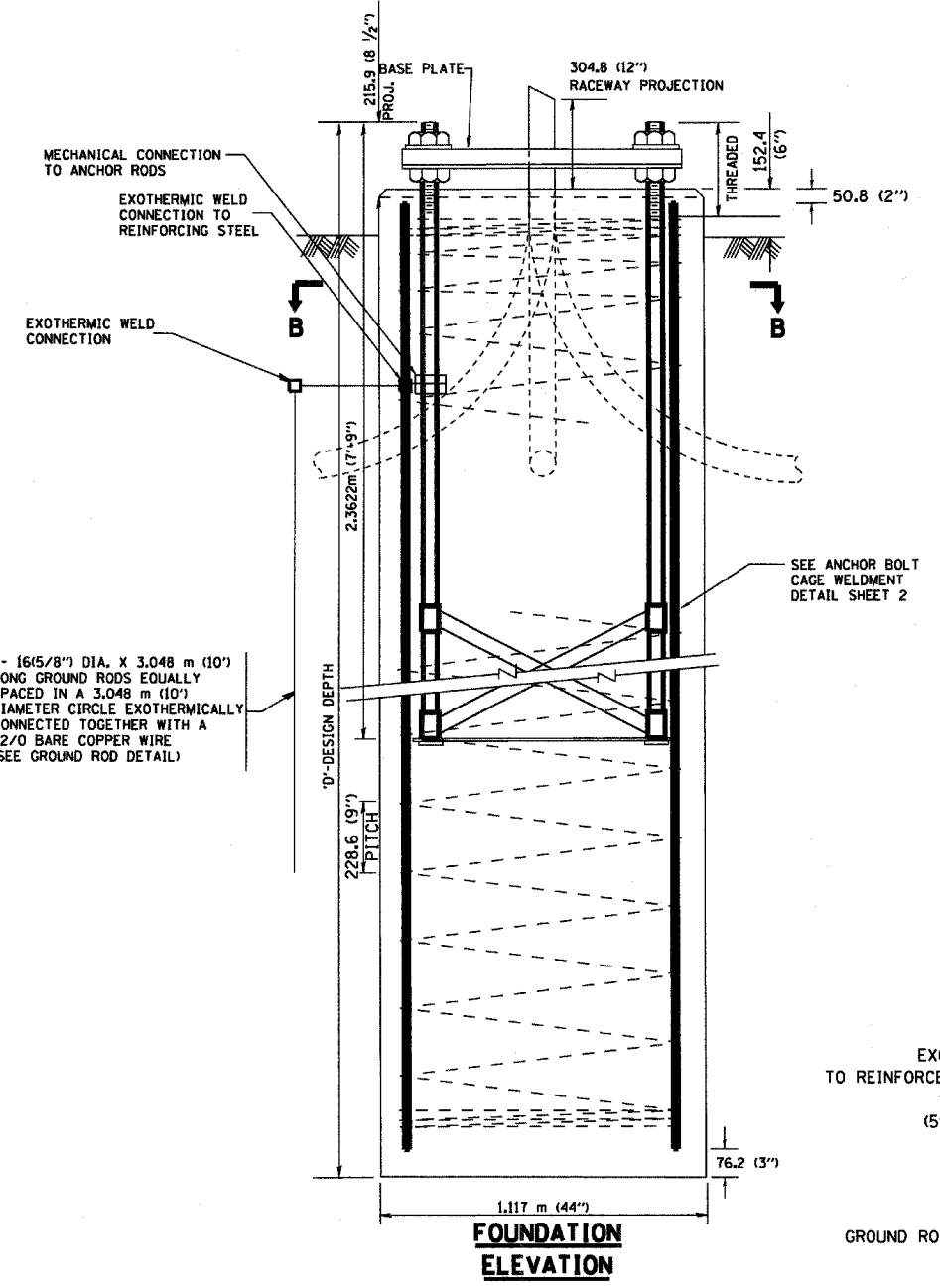
MOUNTING HEIGHT	SOIL CONDITIONS					
	SOFT CLAY Qu = 0.375 TON/SQ. FT	MEDIUM CLAY Qu = 0.75 TON/SQ. FT	STIFF CLAY Qu = 1.50 TON/SQ. FT	LOOSE SAND φ = 34°	MEDIUM SAND φ = 37.5°	DENSE SAND φ = 40°
27m (90 ft)	8.779m (29 ft)	6.035m (20 ft)	4.389m (15 ft)	4.389m (15 ft)	3.840m (13 ft)	3.429m (12 ft)
30m (100 ft)	9.754m (32 ft)	6.706m (22 ft)	4.877m (16 ft)	4.877m (16 ft)	4.267m (14 ft)	3.81m (13 ft)
33m (110 ft)	10.719m (35 ft)	7.377m (24 ft)	5.365m (18 ft)	5.365m (18 ft)	4.694m (15 ft)	4.191m (14 ft)
36m (120 ft)	11.705m (38 ft)	8.046m (26 ft)	5.652m (19 ft)	5.652m (19 ft)	5.120m (17 ft)	4.572m (16 ft)

**DESIGN NOTES**

- (1) ALL DIMENSIONS IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN
- (2) THE ANCHOR RODS SHALL BE VERTICAL NO ADJUSTMENT SHALL BE ALLOWED AFTER THE FOUNDATION IS PLACED.
- (3) THE GAP BETWEEN THE FOUNDATION AND THE BASE PLATE SHALL BE ENCLOSED WITH A STAINLESS STEEL SCREEN FASTENED WITH A STAINLESS STEEL BAND.
- (4) THE TOP OF THE FOUNDATION TO 450 (18") BELOW GRADE SHALL BE FORMED.
- (5) SURFACE WATER WILL NOT BE PERMITTED TO ENTER THE HOLE AND ALL WATER WHICH MAY HAVE INFILTRATED INTO THE HOLE SHALL BE REMOVED BEFORE PLACING CONCRETE.
- (6) THE LIGHT TOWER SHALL NOT BE ERECTED UNTIL AFTER THE CONCRETE HAS BEEN CURED ACCORDING TO ARTICLE 1020.13.
- (7) ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO AASHTO M 314 OR ASTM F1554, GRADE 725(GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.9.
- (8) ANCHOR ROD INFORMATION SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE FULLY COORDINATED FOR APPROVAL WITH TOWER MANUFACTURER REQUIREMENTS.
- (9) REINFORCEMENT BARS SHALL BE ACCORDING TO ARTICLE 1006.10
- (10) TWO ANCHOR RODS OPPOSITE EACH OTHER SHALL HAVE THE ANCHOR ROD THREADS PEENED AFTER NUTS ARE INSTALLED.



4- 16/5/8" DIA. X 3.048 m (10') LONG GROUND RODS EQUALLY SPACED IN A 3.048 m (10') DIAMETER CIRCLE EXOTHERMICALLY CONNECTED TOGETHER WITH A #2/0 BARE COPPER WIRE (SEE GROUND ROD DETAIL)



**FOR INFORMATION ONLY**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BE501

**HIGH MAST LIGHT TOWER**  
27m TO 36m (90FT TO 120FT)  
**FOUNDATION DETAIL**

SHEET 1 OF 2

SCALE: NONE

DATE 4/13/2005

DRAWN BY

CHECKED BY

BE08 (BE501)

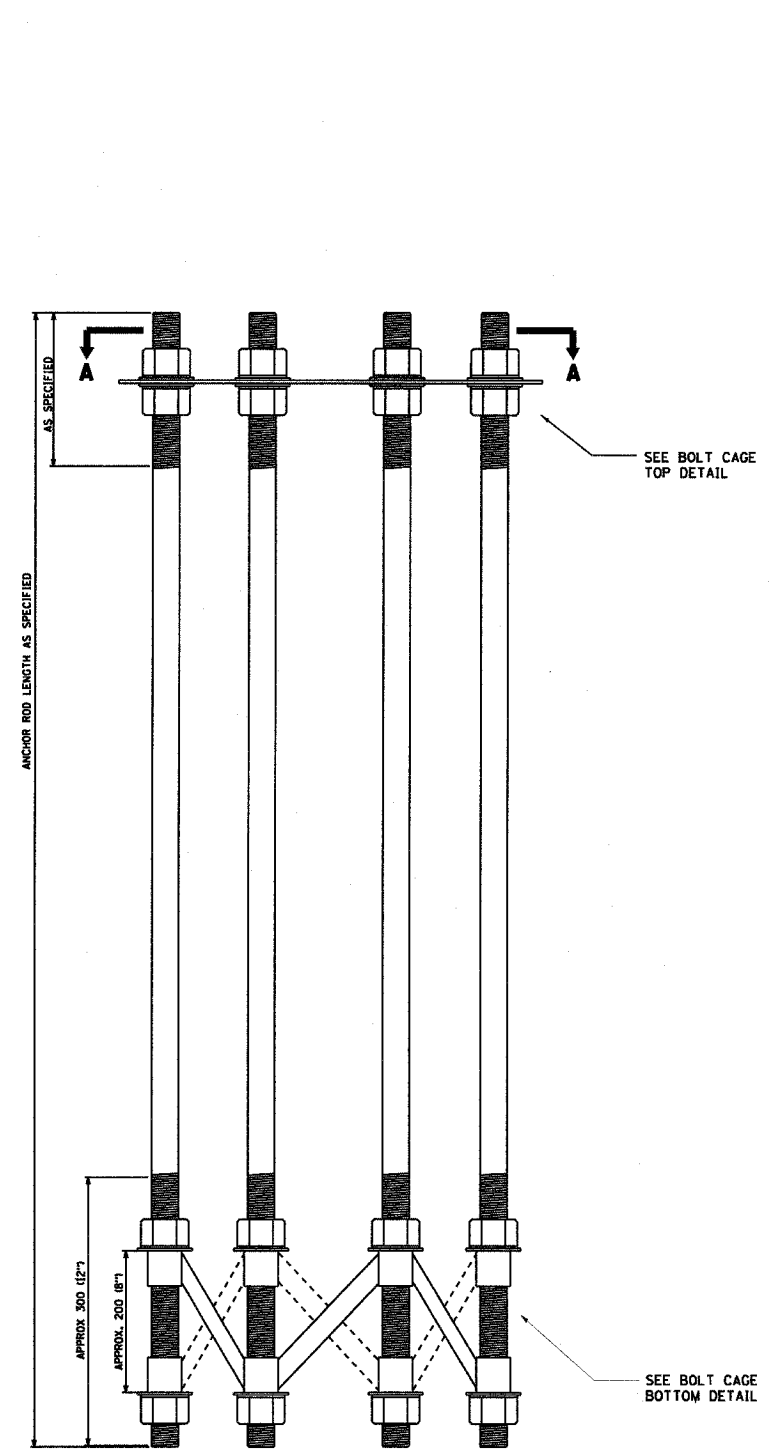
REVISION DATE: 04/12/05

F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-0371	COOK	45	25
STA. 2021+00.00 TO STA. 2365+00.00				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

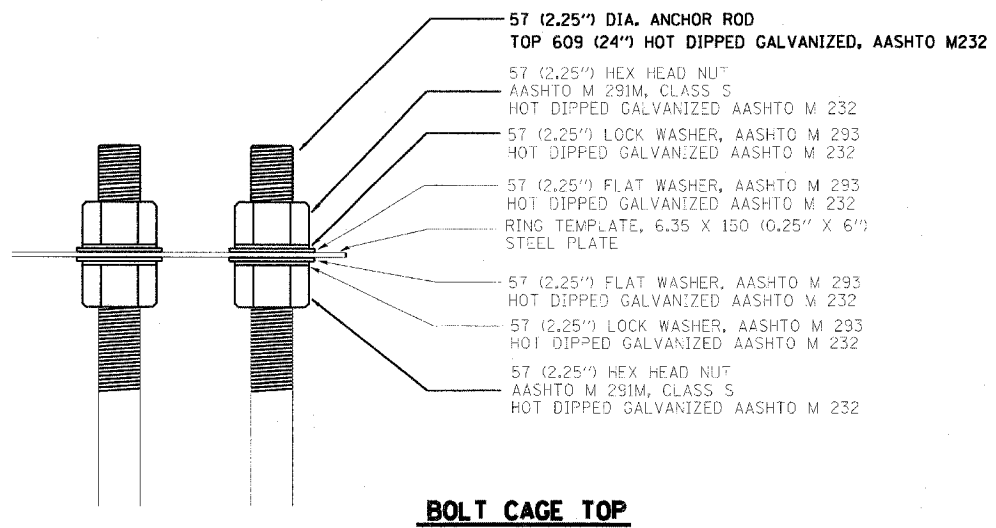
#60A08

**NOTES**

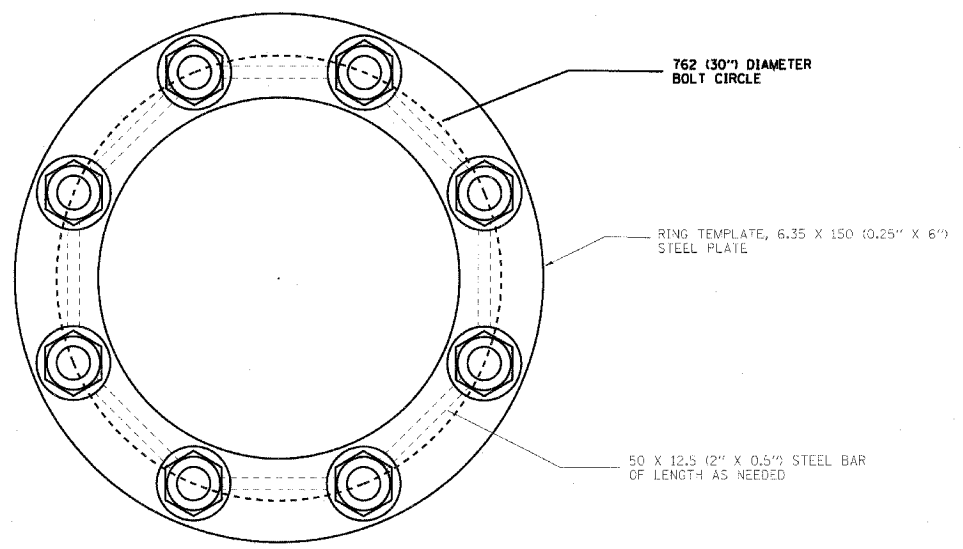
1. ALL DIMENSIONS IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN
2. ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO AASHTO M 314 OR ASTM F1554, GRADE 725 (GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.09.
3. ANCHOR ROD INFORMATION SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE FULLY COORDINATED WITH TOWER MANUFACTURERS REQUIREMENTS.



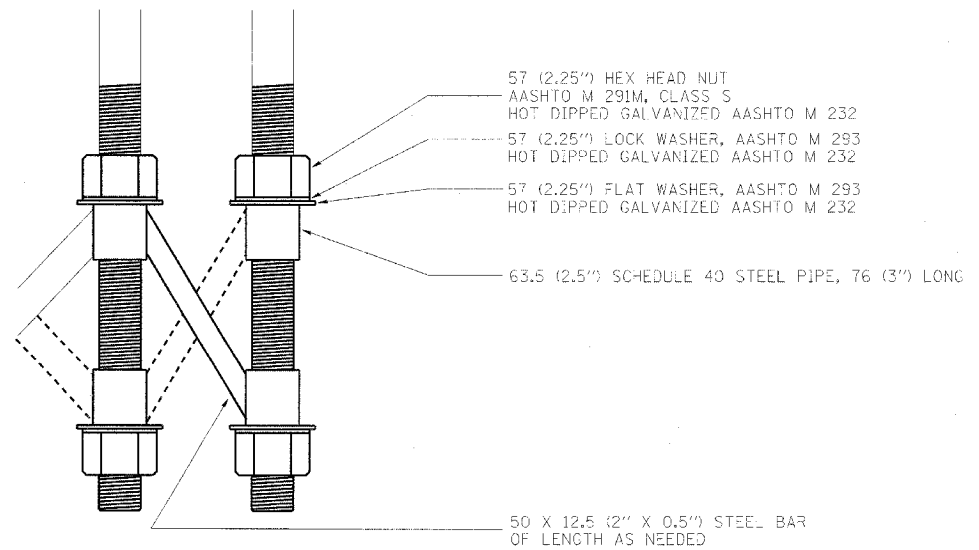
**ANCHOR BOLT CAGE**



**BOLT CAGE TOP**



**SECTION A-A**



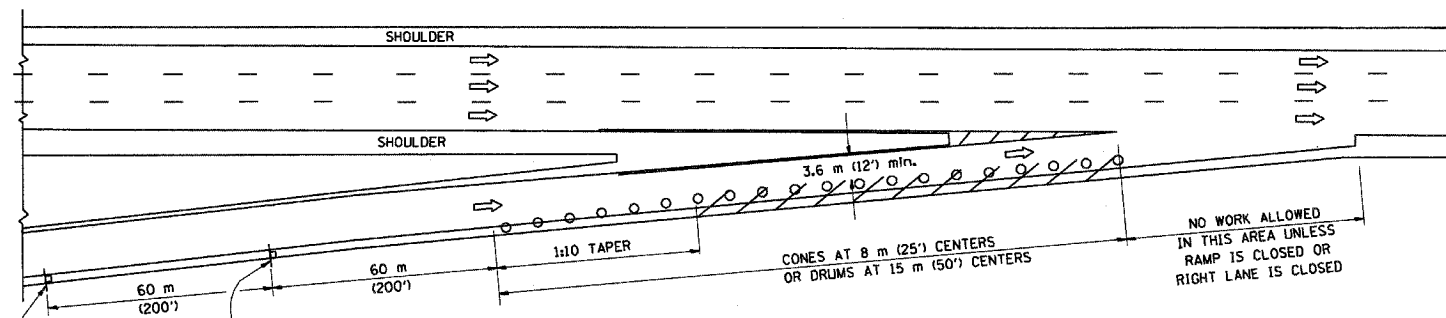
**BOLT CAGE BOTTOM**

**FOR INFORMATION ONLY**

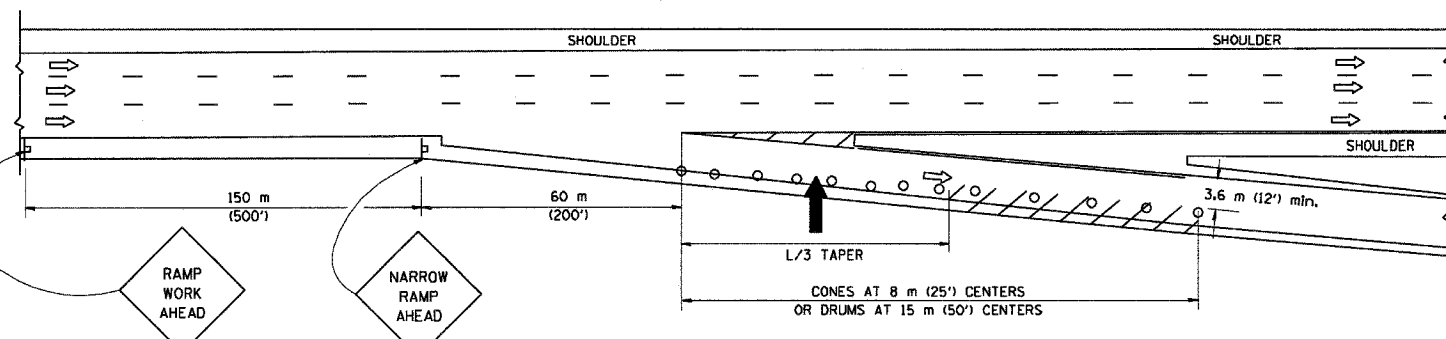
REVISIONS	
NAME	DATE

BE501  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HIGH MAST LIGHT TOWER**  
27m TO 36m (90FT TO 120FT)  
**FOUNDATION DETAIL**  
SHEET 2 OF 2  
SCALE: NONE  
DATE 4/13/2005  
DRAWN BY  
CHECKED BY  
BE08 (BE501)

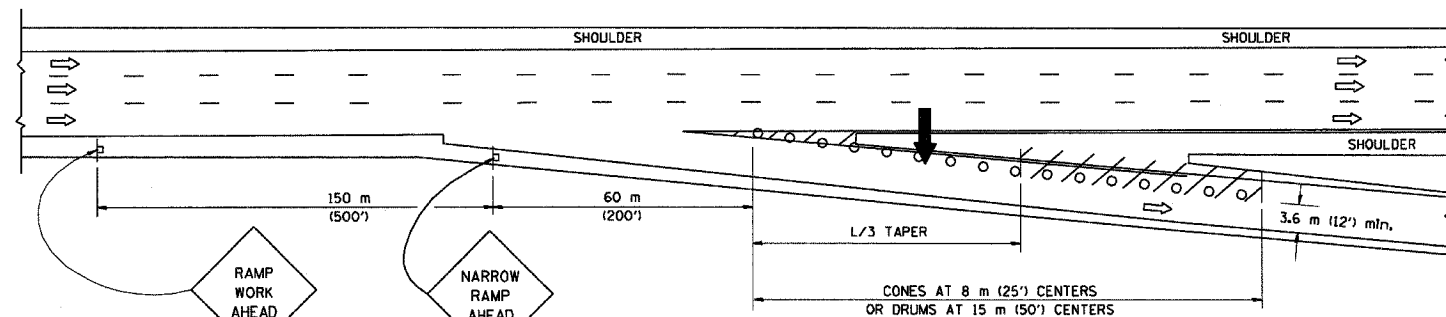
### PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

**SYMBOLS**

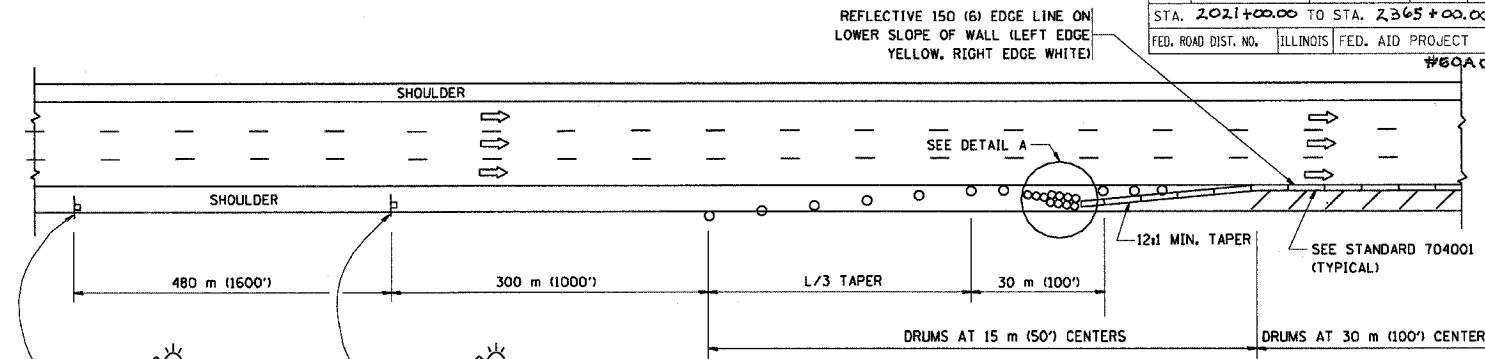
- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- CONES - 700 (28) IN HEIGHT

**GENERAL NOTES**

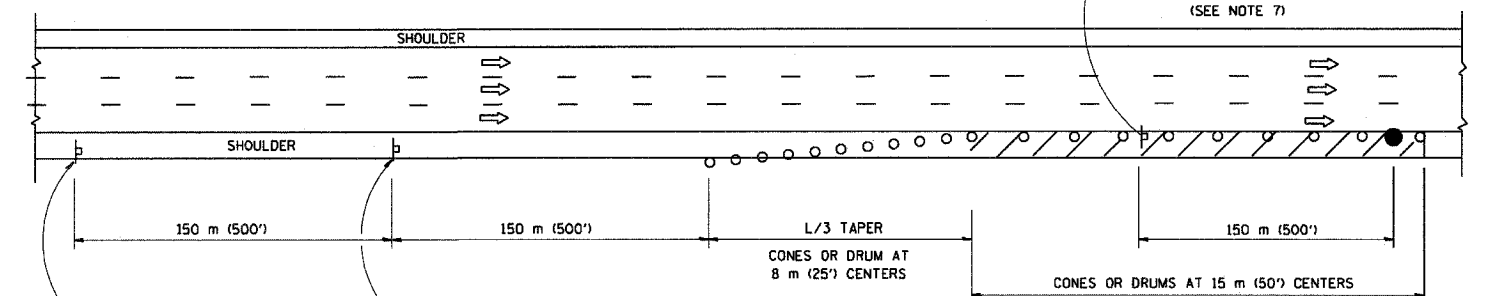
1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
80 km/h (45 mph) OR GREATER:	METRIC ENGLISH $L=0.65(W/S)$ $L=(W/S)$
W = WIDTH OF OFFSET IN METERS (FEET)	
S = NORMAL POSTED SPEED KM/H (MPH)	
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

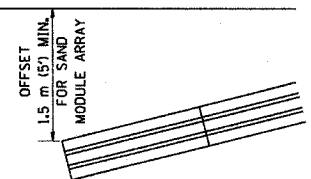


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.



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

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS OUTSIDE THE CLEAR ZONE 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 30 m (100') TO 60 m (200') IN ADVANCE OF THE WORKERS.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-0374	COOK	45	26
STA. 2021+00.00 TO STA. 2365+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		#60A08		

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.  
ILLINOIS DEPARTMENT OF TRANSPORTATION

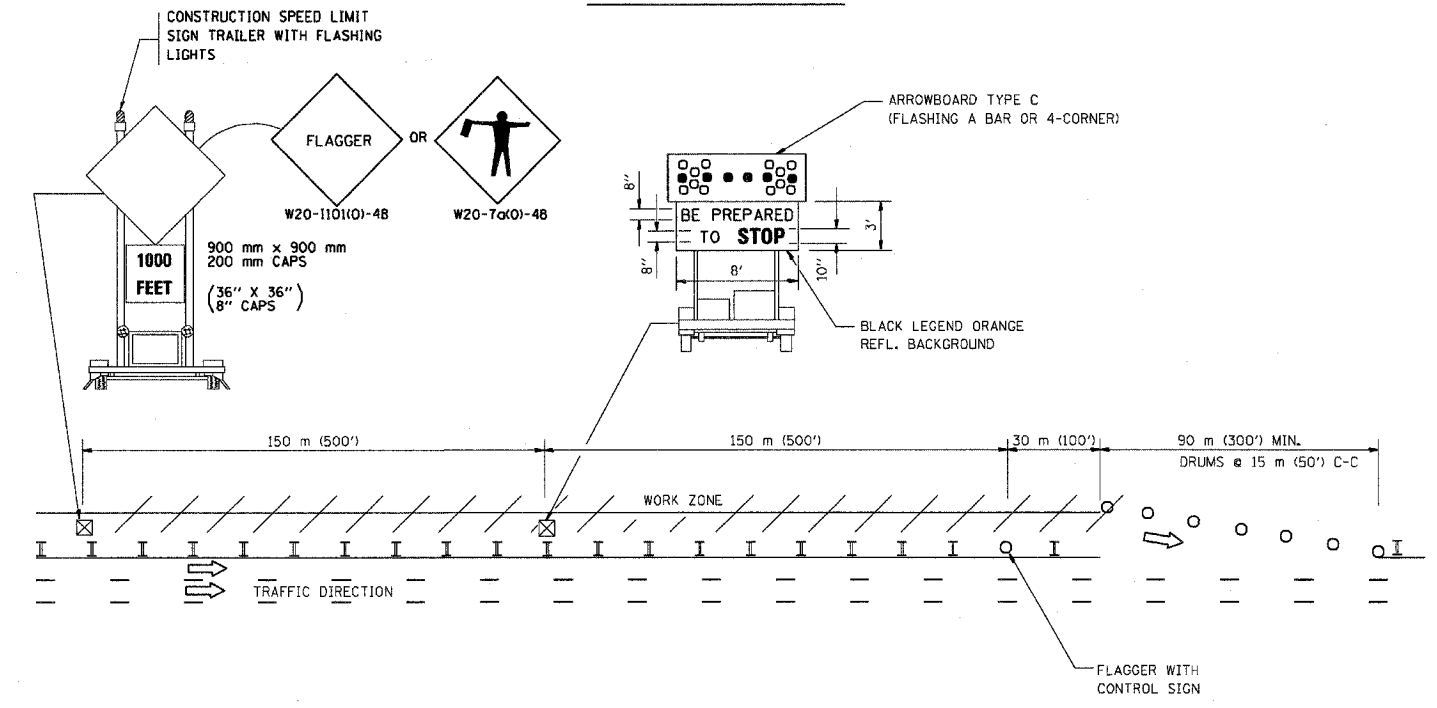
**TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES**

SCALE: NONE  
DATE: 05/06/2003  
DRAWN BY: [blank]  
DESIGNED BY: DWS  
CHECKED BY: [blank]  
TC-17

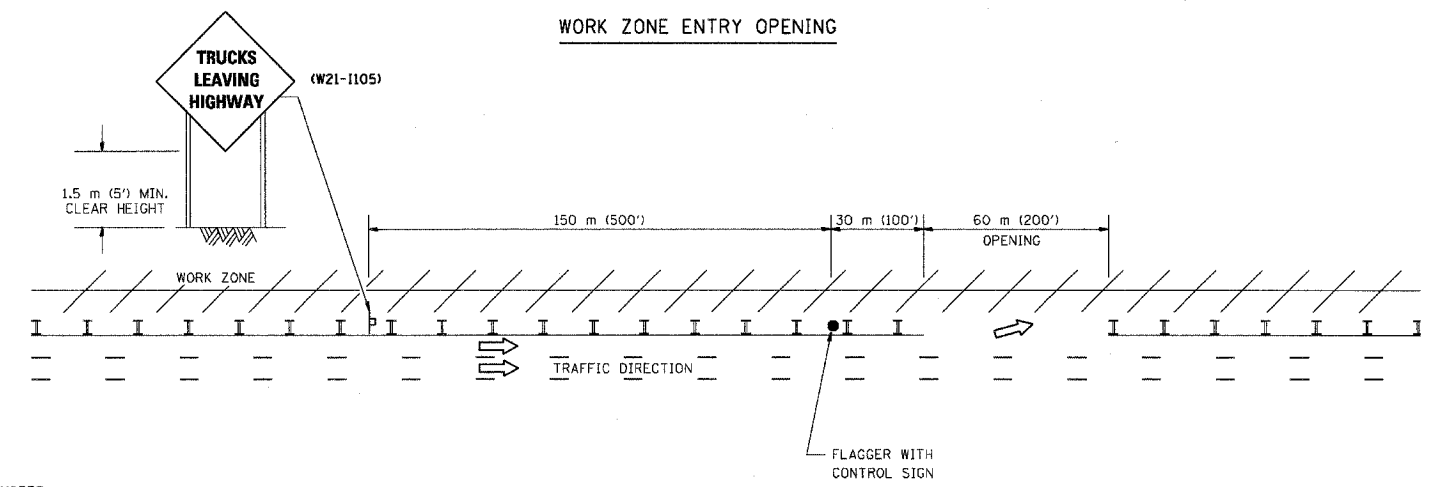
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-0371	COOK	45	27
STA. 2021+00.00 TO STA. 2365+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
#60A08				

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

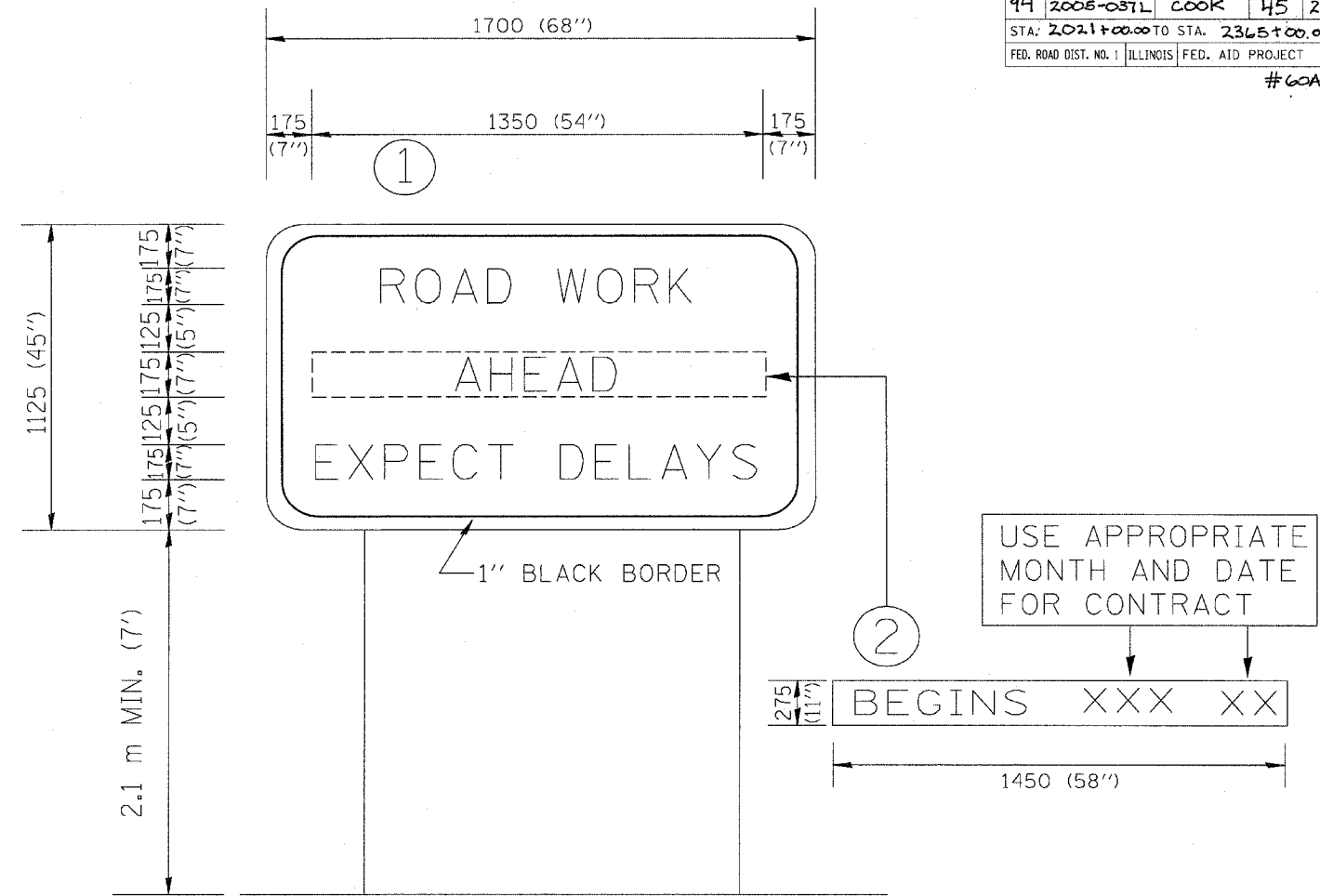
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03

SCALE: NONE  
 DATE 05/06/2003  
 DRAWN BY CADD  
 CHECKED BY TC-18



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 2.3 SQ. M. (25.70 SQ. FT.)

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

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	2-11-97
T. RAMMACHER	2-2-99

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TEMPORARY INFORMATION SIGNING

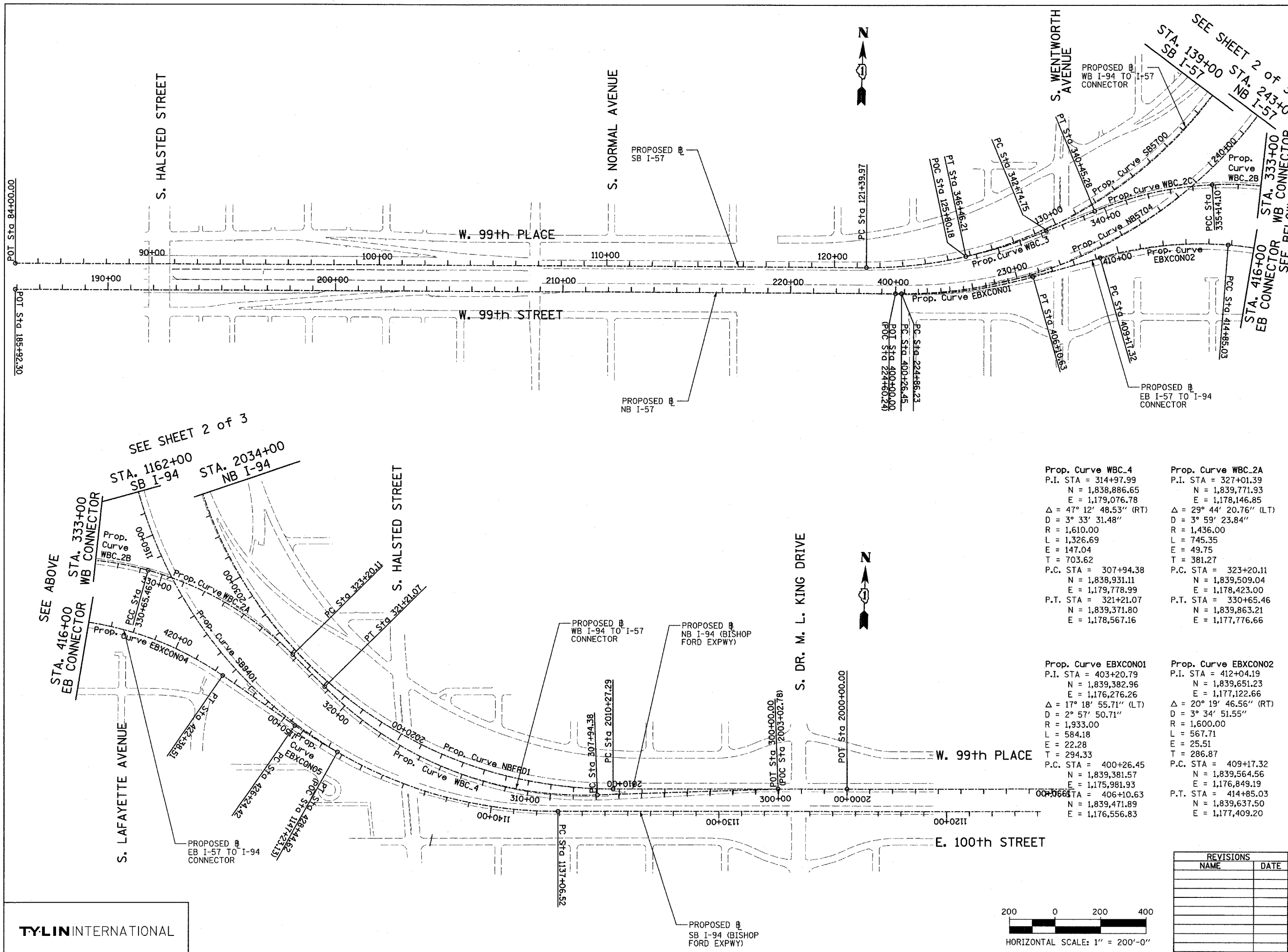
SCALE:  
DATE 10/18/2002

DRAWN BY: BUR. OF DESIGN  
CHECKED BY:



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	29
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

#60A08

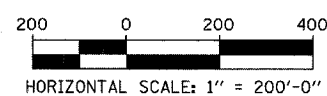


Prop. Curve NB5704 P.I. STA = 235+20.23 N = 1,839,407.65 E = 1,177,015.14 Δ = 56° 09' 47.10" (LT) D = 2° 57' 23.18" R = 1,938.00 L = 1,899.69 E = 258.59 T = 1,033.99 P.C. STA = 224+86.23 N = 1,839,382.09 E = 1,175,981.46 P.T. STA = 243+85.92 N = 1,840,280.48 E = 1,177,569.49	Prop. Curve SB5700 P.I. STA = 133+70.06 N = 1,839,521.70 E = 1,177,054.03 Δ = 66° 11' 55.15" (LT) D = 3° 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 SB9401 P.I. STA = 1160+15.97 N = 1,838,783.95 E = 1,177,299.83 Δ = 100° 48' 58.07" (RT) D = 2° 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	Prop. Curve NBFRD1 P.I. STA = 2029+29.73 N = 1,838,902.75 E = 1,177,946.02 Δ = 90° 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

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

Prop. Curve WBC.4 P.I. STA = 314+97.99 N = 1,838,886.65 E = 1,179,076.78 Δ = 47° 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 = 1,839,771.93 E = 1,178,146.85 Δ = 29° 44' 20.76" (LT) D = 3° 59' 23.84" R = 1,436.00 L = 745.35 E = 49.75 T = 381.27 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 Δ = 18° 29' 34.12" (LT) D = 4° 07' 19.19" R = 1,390.00 L = 448.64 E = 22.89 T = 226.29 P.C. STA = 330+65.46 N = 1,839,863.21 E = 1,177,776.66 P.T. STA = 330+65.46 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 Δ = 19° 30' 39.60" (LT) D = 3° 40' 23.35" R = 1,559.85 L = 531.18 E = 22.89 T = 268.19 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 EBXCNO1 P.I. STA = 403+20.79 N = 1,839,382.96 E = 1,176,276.26 Δ = 17° 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 EBXCNO2 P.I. STA = 412+04.19 N = 1,839,651.23 E = 1,177,794.53 Δ = 20° 19' 46.56" (RT) D = 3° 34' 51.55" R = 1,600.00 L = 567.71 E = 25.51 T = 286.87 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 EBXCNO4 P.I. STA = 418+70.80 N = 1,839,619.04 E = 1,177,945.53 Δ = 30° 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 EBXCNO5 P.I. STA = 427+34.61 N = 1,839,138.24 E = 1,178,533.79 Δ = 5° 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

TYLIN INTERNATIONAL



REVISIONS	
NAME	DATE

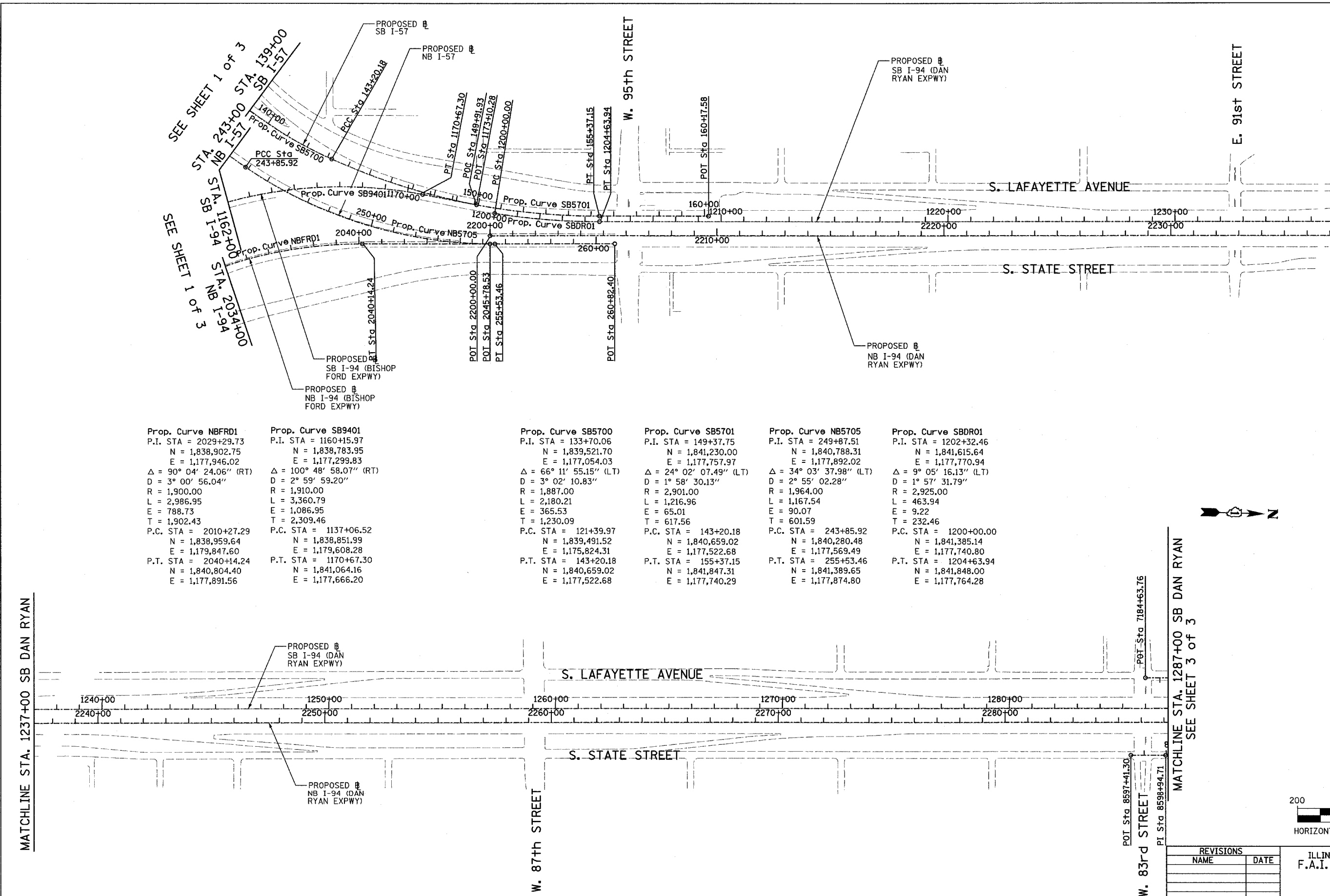
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
I-57 to 71st STREET

ALIGNMENT  
SHEET 1 OF 3

SCALE: 1"=200'-0"  
DATE: AUGUST 19, 2005  
DRAWN BY: JPM  
CHECKED BY: DAK

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	30
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

#60A08



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 =  $3^\circ 00' 56.04''$   
 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

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

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

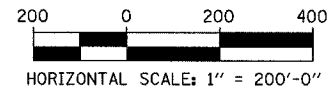
Prop. Curve SB5701  
 P.I. STA = 149+37.75  
 N = 1,841,230.00  
 E = 1,177,757.97  
 $\Delta = 24^\circ 02' 07.49''$  (LT)  
 D =  $1^\circ 58' 30.13''$   
 R = 2,901.00  
 L = 1,216.96  
 E = 65.01  
 T = 617.56  
 P.C. STA = 143+20.18  
 N = 1,840,659.02  
 E = 1,177,522.68  
 P.T. STA = 155+37.15  
 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 SBDR01  
 P.I. STA = 1202+32.46  
 N = 1,841,615.64  
 E = 1,177,770.94  
 $\Delta = 9^\circ 05' 16.13''$  (LT)  
 D =  $1^\circ 57' 31.79''$   
 R = 2,925.00  
 L = 463.94  
 E = 9.22  
 T = 232.46  
 P.C. STA = 1200+00.00  
 N = 1,841,385.14  
 E = 1,177,740.80  
 P.T. STA = 1204+63.94  
 N = 1,841,848.00  
 E = 1,177,764.28

MATCHLINE STA. 1237+00 SB DAN RYAN

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



TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 I-57 TO 71st STREET

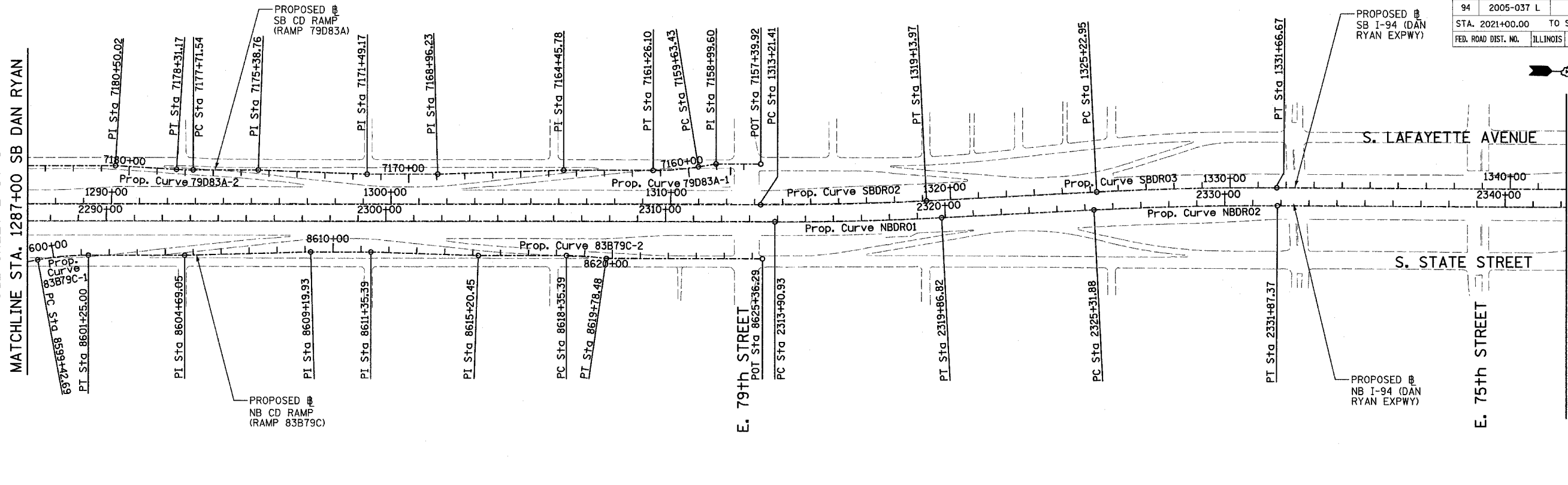
ALIGNMENT  
 SHEET 2 OF 3

SCALE: 1"=200'  
 DATE: AUGUST 19, 2005  
 DRAWN BY: JPM  
 CHECKED BY: DAK

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

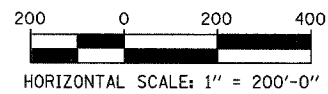
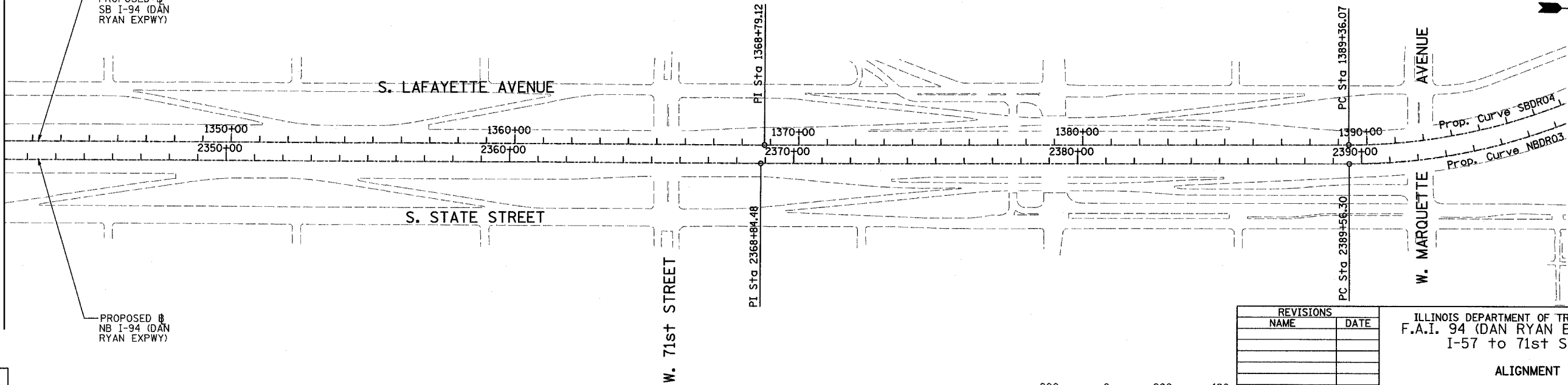
NB C-D RAMP (RAMP 83B79C)  
 POT STA = 8597+41.30  
 N = 1,849,922.39  
 E = 1,177,740.85  
 P.I. STA = 8598+94.71  
 N = 1,850,075.74  
 E = 1,177,736.46  
 P.I. STA = 8604+69.05  
 N = 1,850,647.32  
 E = 1,177,694.81  
 P.I. STA = 8609+19.93  
 N = 1,851,097.46  
 E = 1,177,669.09  
 P.I. STA = 8611+35.39  
 N = 1,851,312.84  
 E = 1,177,662.92  
 P.I. STA = 8615+20.45  
 N = 1,851,697.89  
 E = 1,177,664.73  
 POT STA = 8625+36.29  
 N = 1,852,713.12  
 E = 1,177,645.88

SEE SHEET 2 OF 3

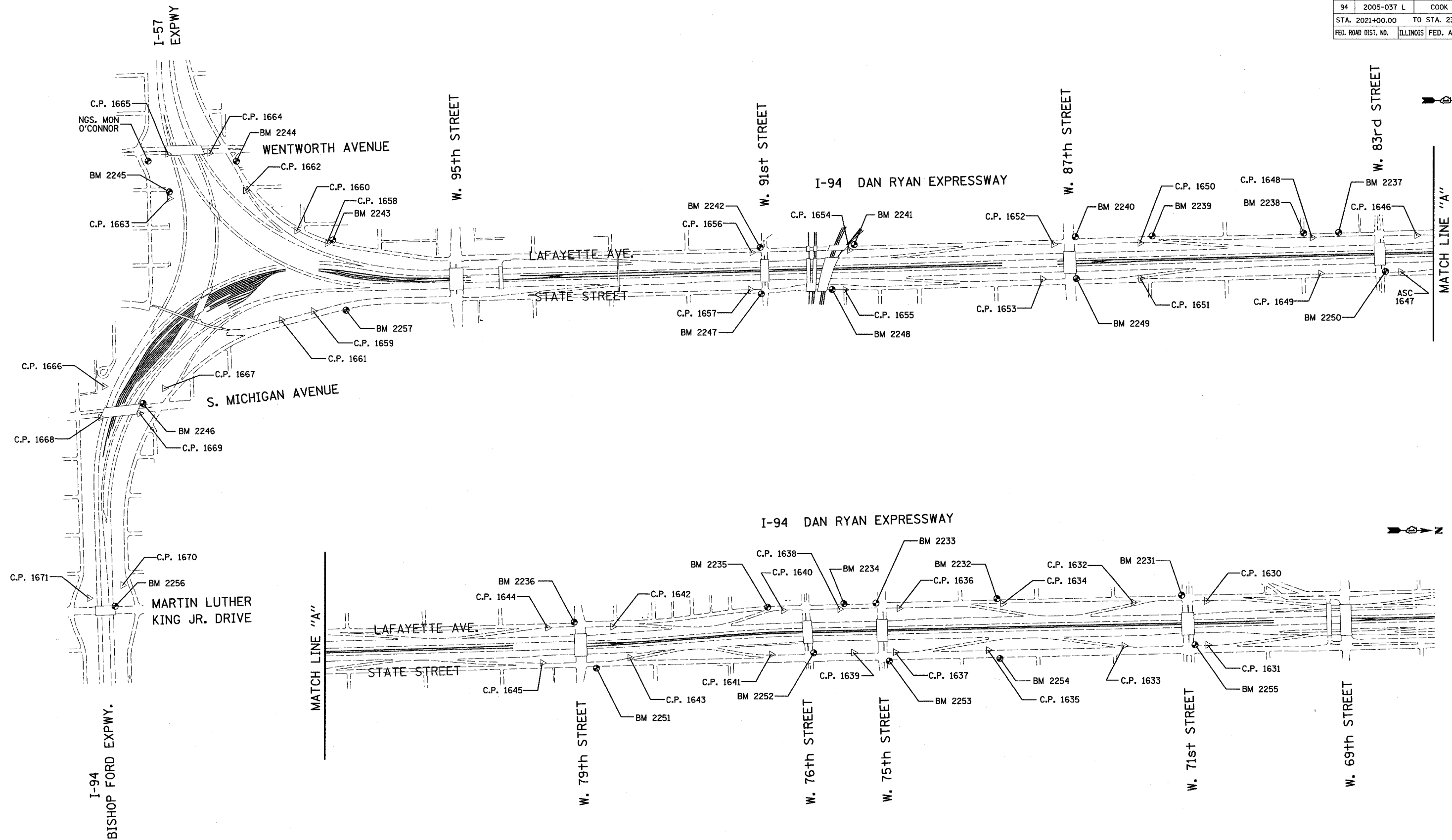


MATCHLINE STA. 1342+00 SB DAN RYAN

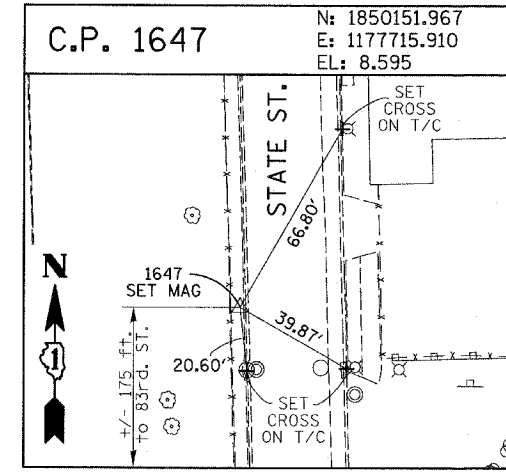
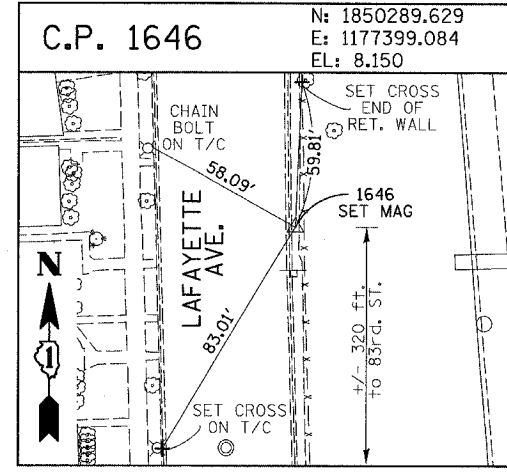
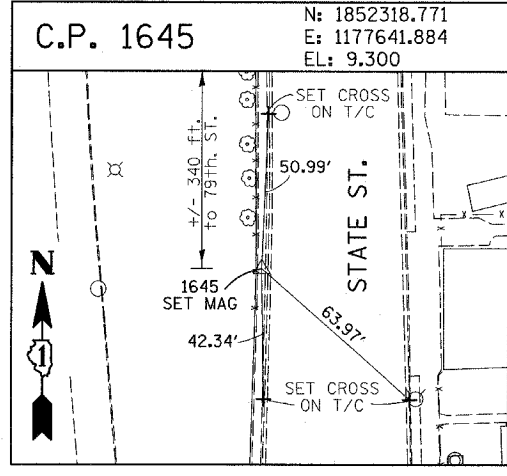
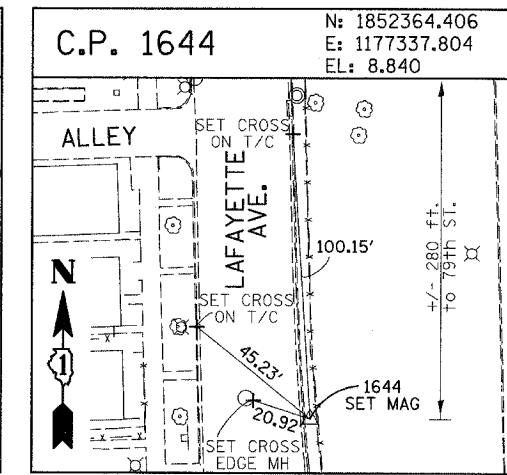
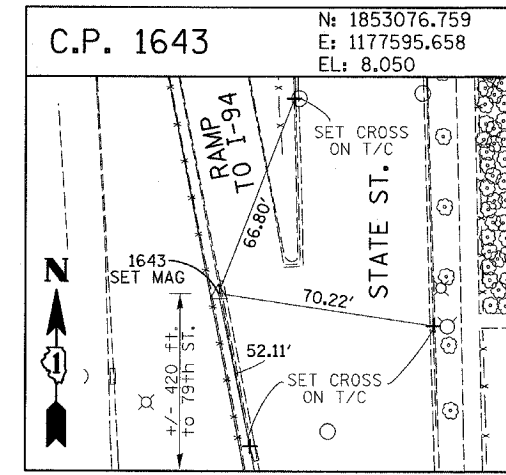
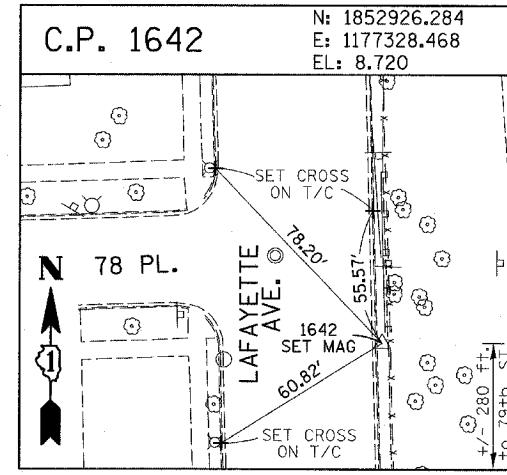
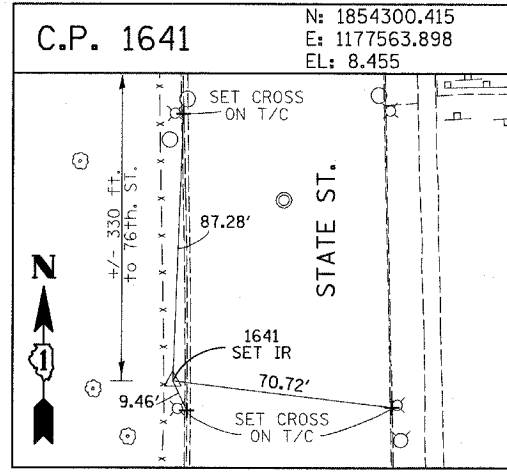
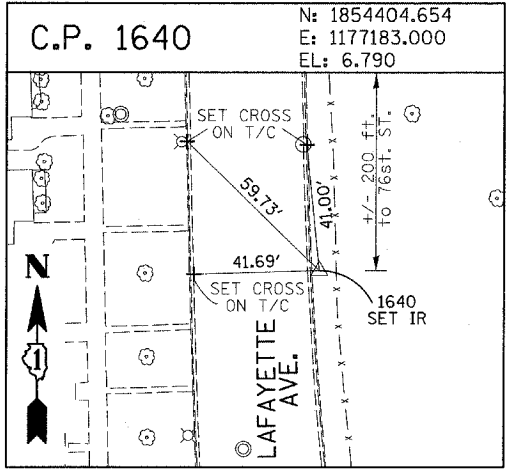
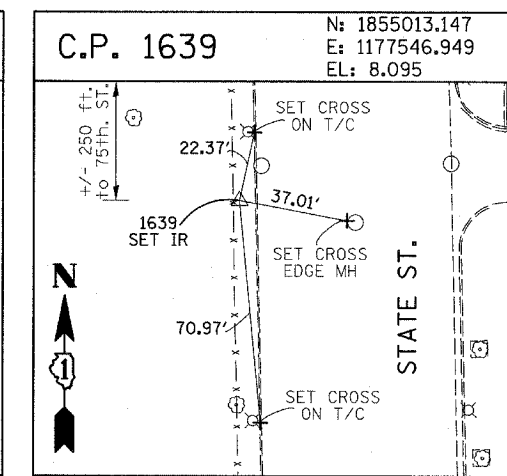
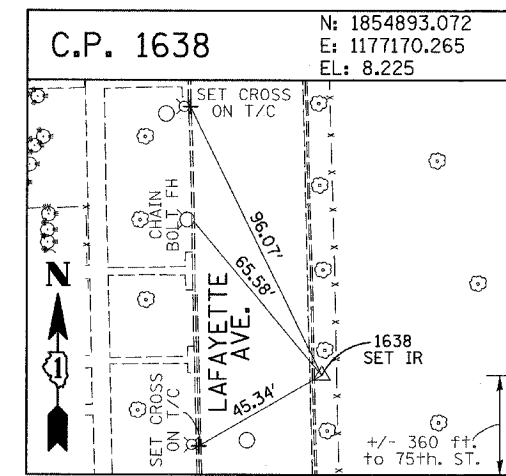
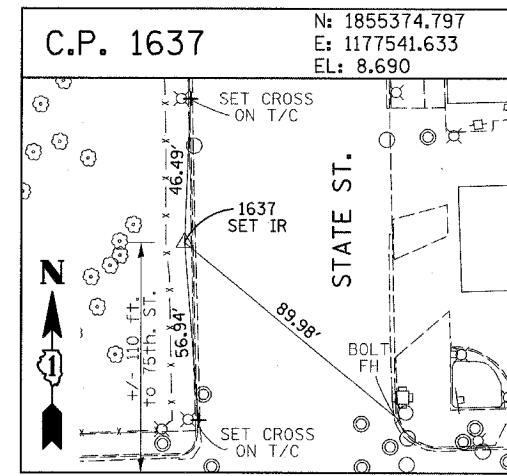
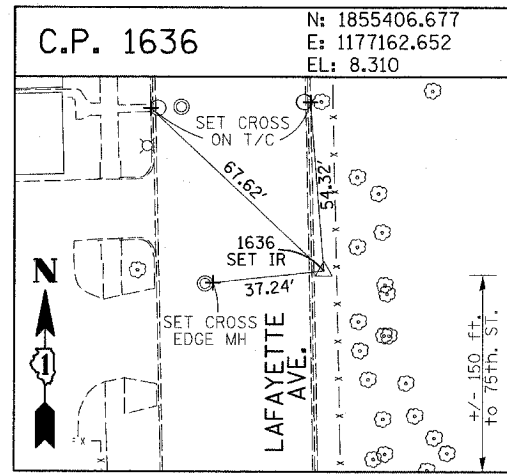
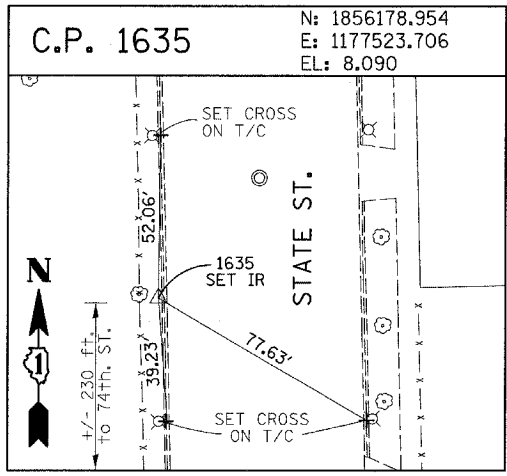
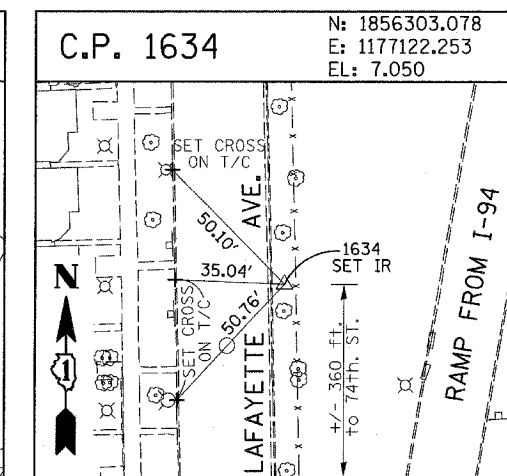
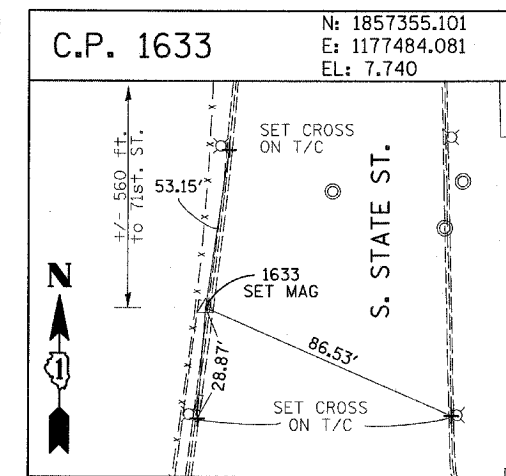
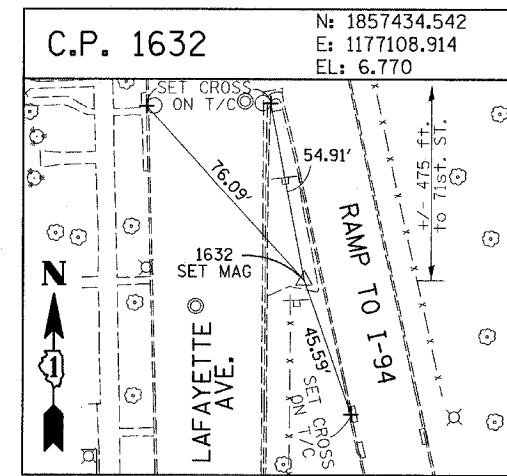
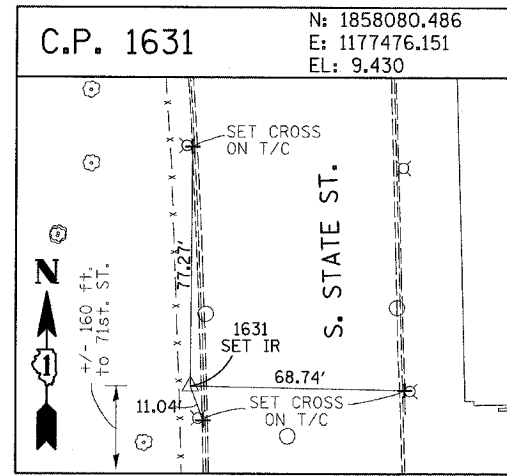
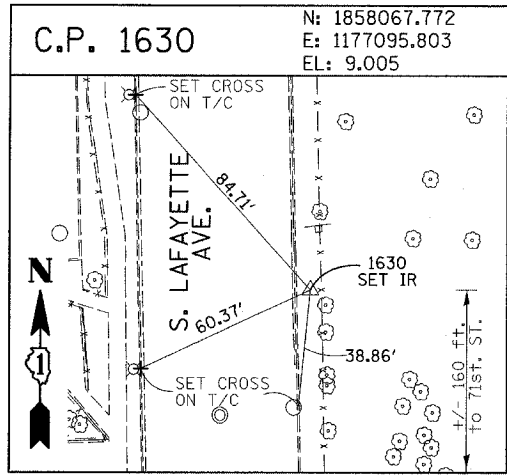
Prop. Curve 79D83A-1	Prop. Curve 79D83A-2	Prop. Curve 83B79C-1	Prop. Curve 83B79C-2	Prop. Curve NBDRO1	Prop. Curve NBDRO2	Prop. Curve NBDRO3	Prop. Curve SBDRO2	Prop. Curve SBDRO3	Prop. Curve SBDRO4
P.I. STA = 7160+44.94	P.I. STA = 7178+01.36	P.I. STA = 8600+34.10	P.I. STA = 8619+07.06	P.I. STA = 2316+88.94	P.I. STA = 2328+59.71	P.I. STA = 2398+13.58	P.I. STA = 1316+17.76	P.I. STA = 1328+44.90	P.I. STA = 1397+75.78
N = 1,852,394.55	N = 1,850,638.94	N = 1,850,212.04	N = 1,852,084.35	N = 1,853,051.58	N = 1,854,218.69	N = 1,861,170.38	N = 1,852,997.25	N = 1,854,220.54	N = 1,861,149.16
E = 1,177,340.32	E = 1,177,390.59	E = 1,177,707.28	E = 1,177,653.66	E = 1,177,504.84	E = 1,177,410.58	E = 1,177,231.19	E = 1,177,445.02	E = 1,177,346.22	E = 1,177,163.97
$\Delta = 9^\circ 19' 12.90''$ (RT)	$\Delta = 3^\circ 24' 57.69''$ (RT)	$\Delta = 10^\circ 26' 43.92''$ (RT)	$\Delta = 8^\circ 11' 54.52''$ (RT)	$\Delta = 2^\circ 58' 38.60''$ (LT)	$\Delta = 3^\circ 16' 48.34''$ (RT)	$\Delta = 44^\circ 36' 17.12''$ (LT)	$\Delta = 2^\circ 58' 38.60''$ (LT)	$\Delta = 3^\circ 16' 11.04''$ (RT)	$\Delta = 44^\circ 32' 58.56''$ (LT)
D = 5° 43' 46.48"	D = 5° 43' 46.48"	D = 5° 43' 46.48"	D = 5° 43' 46.48"	D = 0° 29' 58.77"	D = 0° 30' 01.44"	D = 2° 44' 29.13"	D = 0° 30' 08.86"	D = 0° 30' 28.59"	D = 2° 47' 41.70"
R = 1,000.00	R = 1,000.00	R = 1,000.00	R = 1,000.00	R = 11,467.00	R = 11,450.00	R = 2,090.00	R = 11,403.00	R = 11,280.00	R = 2,050.00
L = 162.67	L = 59.62	L = 182.31	L = 143.09	L = 595.89	L = 655.49	L = 1,627.06	L = 592.56	L = 643.72	L = 1,593.95
E = 4.17	E = 0.44	E = 4.17	E = 2.56	E = 3.87	E = 4.69	E = 168.99	E = 3.85	E = 4.59	E = 165.31
T = 81.51	T = 29.82	T = 91.41	T = 71.67	T = 298.01	T = 327.84	T = 857.27	T = 296.35	T = 321.95	T = 839.71
P.C. STA = 7159+63.43	P.C. STA = 7177+71.54	P.C. STA = 8599+42.69	P.C. STA = 8618+35.39	P.C. STA = 2313+90.93	P.C. STA = 2325+31.88	P.C. STA = 2389+56.30	P.C. STA = 1313+21.41	P.C. STA = 1325+22.95	P.C. STA = 1389+36.07
N = 1,852,474.58	N = 1,850,668.74	N = 1,850,122.66	N = 1,852,012.71	N = 1,852,753.69	N = 1,853,891.91	N = 1,860,313.48	N = 1,852,701.02	N = 1,853,899.63	N = 1,860,309.83
E = 1,177,324.82	E = 1,177,389.73	E = 1,177,726.42	E = 1,177,655.72	E = 1,177,513.37	E = 1,177,436.97	E = 1,177,256.19	E = 1,177,453.50	E = 1,177,372.14	E = 1,177,189.29
P.T. STA = 7161+26.10	P.T. STA = 7178+31.17	P.T. STA = 8601+25.00	P.T. STA = 8619+78.48	P.T. STA = 2319+86.82	P.T. STA = 2331+87.37	P.T. STA = 2405+83.37	P.T. STA = 1319+13.97	P.T. STA = 1331+66.67	P.T. STA = 1405+30.02
N = 1,852,313.07	N = 1,850,609.13	N = 1,850,303.41	N = 1,852,155.54	N = 1,853,348.62	N = 1,854,546.43	N = 1,861,762.92	N = 1,853,292.63	N = 1,854,542.40	N = 1,861,729.54
E = 1,177,342.65	E = 1,177,389.66	E = 1,177,704.66	E = 1,177,661.85	E = 1,177,480.85	E = 1,177,402.92	E = 1,176,611.65	E = 1,177,421.16	E = 1,177,338.64	E = 1,176,557.11



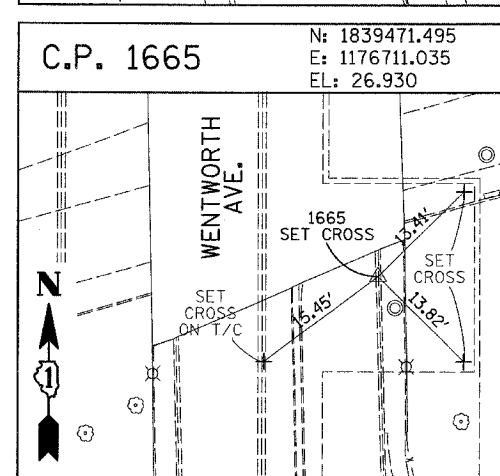
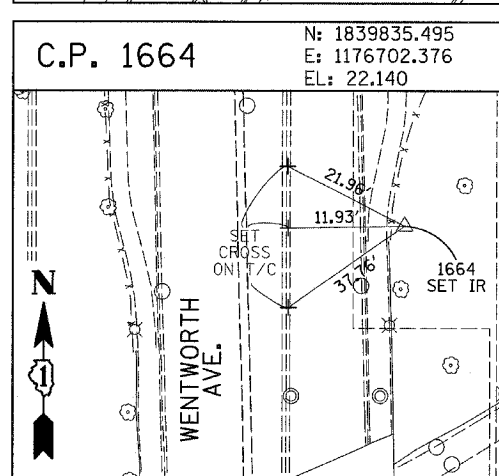
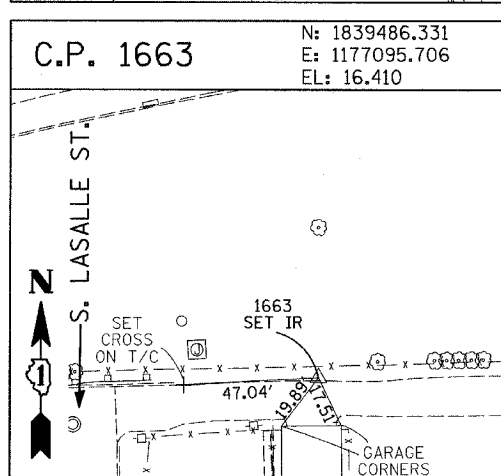
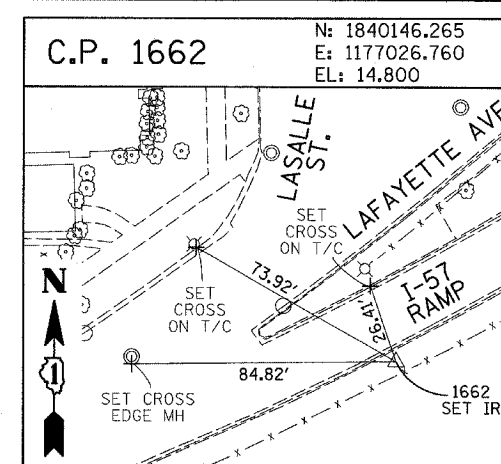
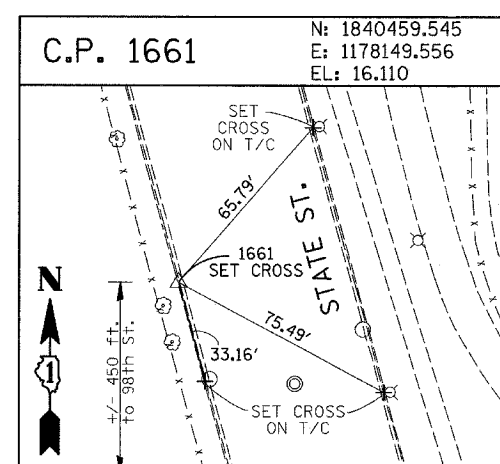
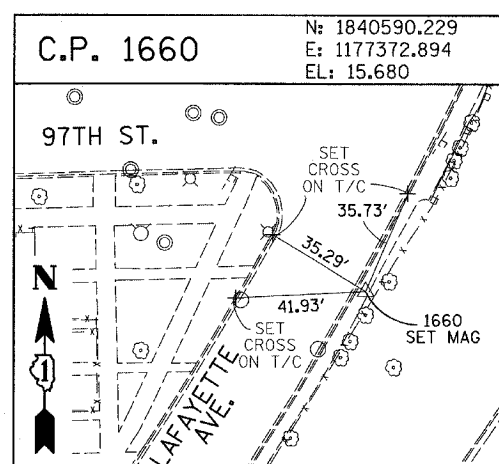
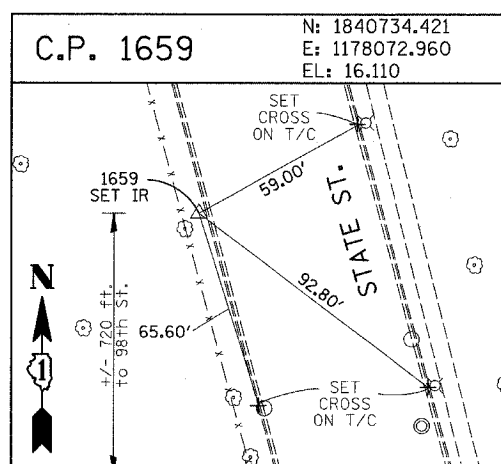
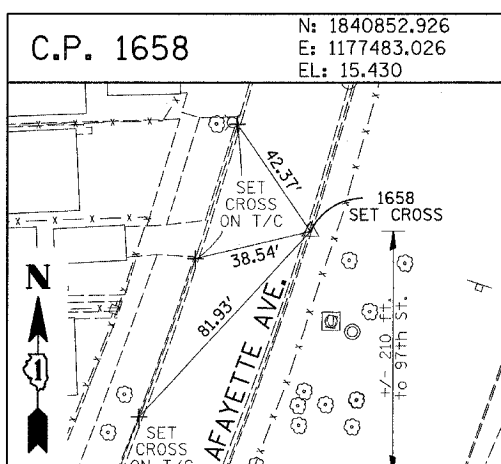
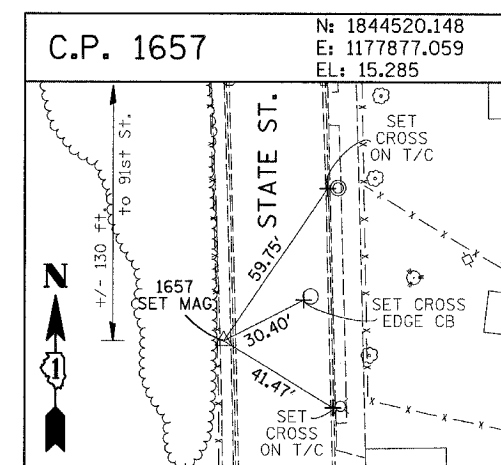
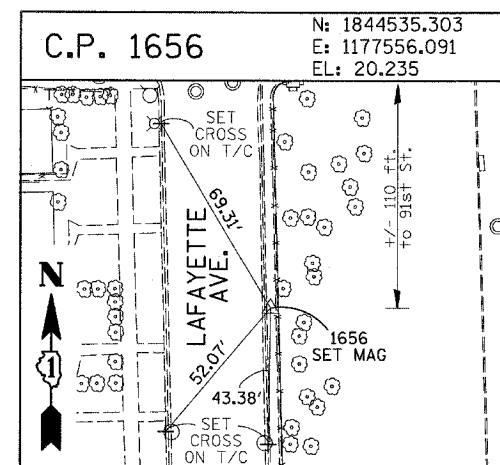
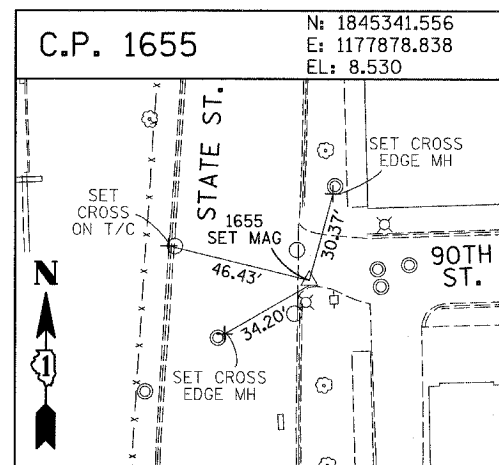
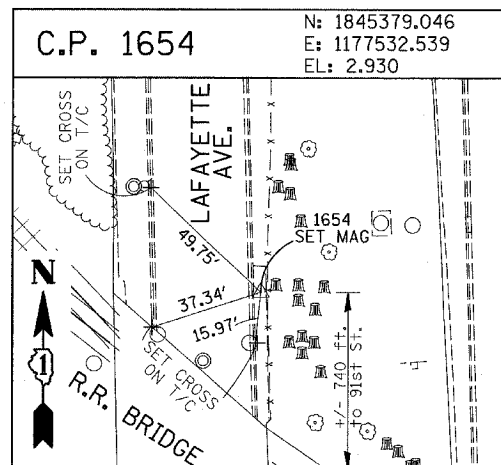
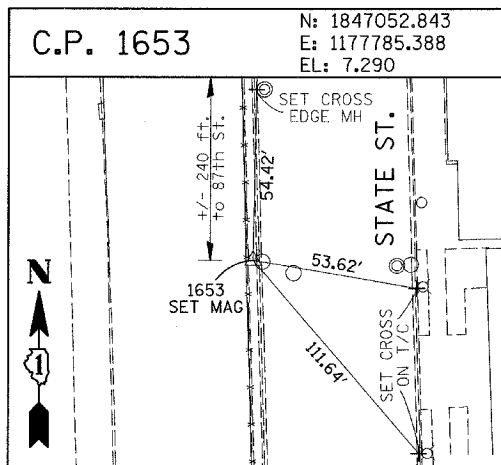
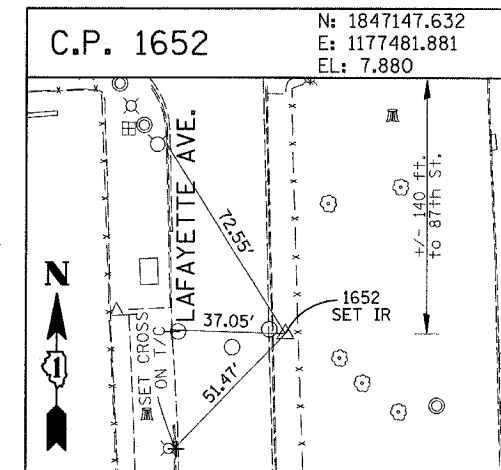
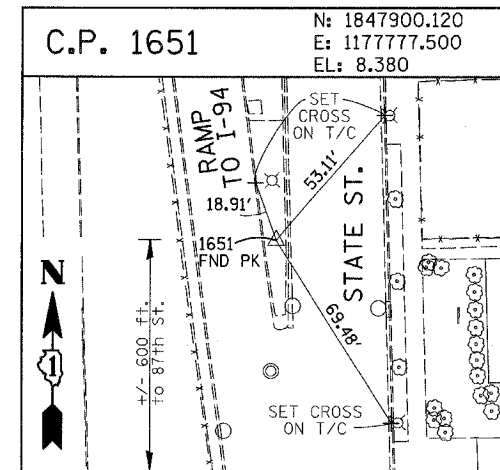
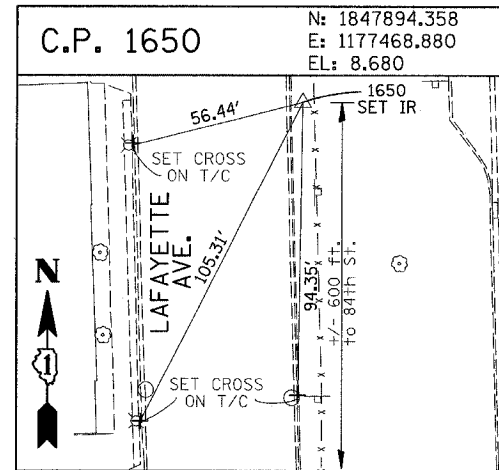
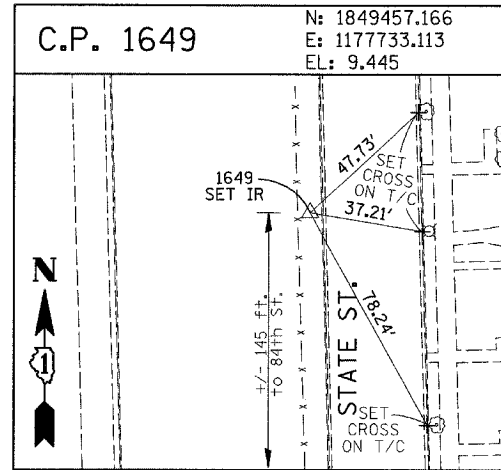
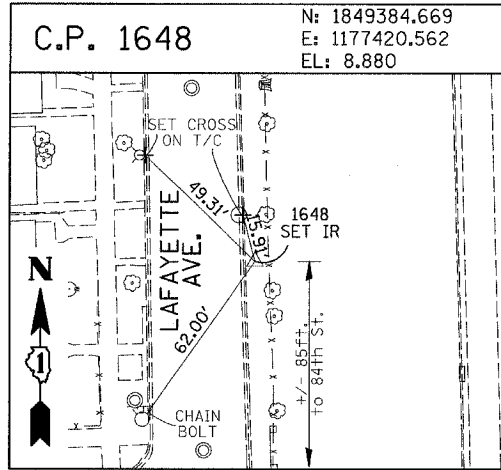
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NAME	DATE



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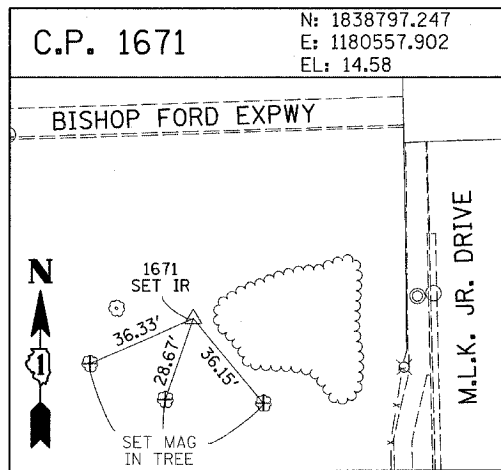
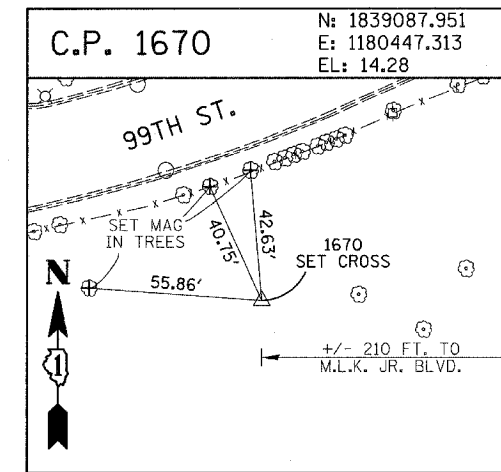
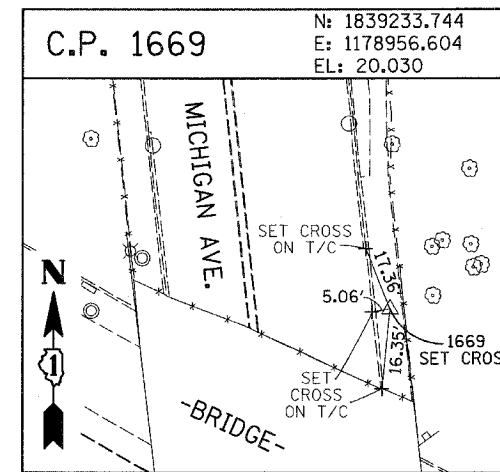
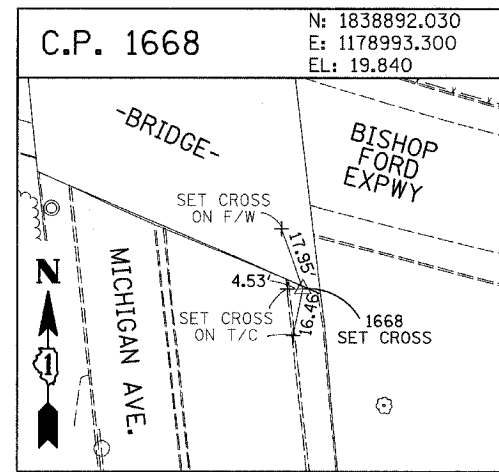
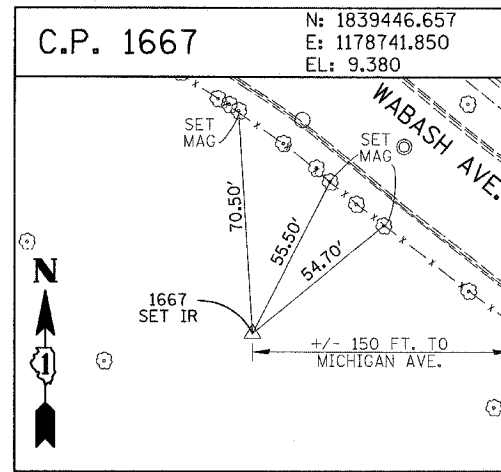
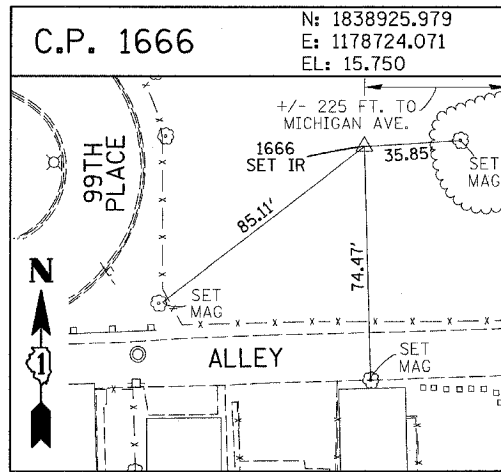
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NAME	DATE



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	35
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*60A08				



**PROJECT BENCHMARKS**  
 CITY OF CHICAGO DATUM

- 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 2247 ELEVATION= 14.81 FEET  
SET CROSS ON NORTHEAST BOLT OF BASE FOR TRAFFIC SIGNAL AND LIGHT AT THE SOUTHEAST CORNER OF 91ST AND STATE STREET.
- 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 2253 ELEVATION= 9.07 FEET  
SET CROSS ON EAST BOLT OF FIRE HYDRANT ON THE NORTHEAST CORNER OF 75TH STREET AND STATE 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

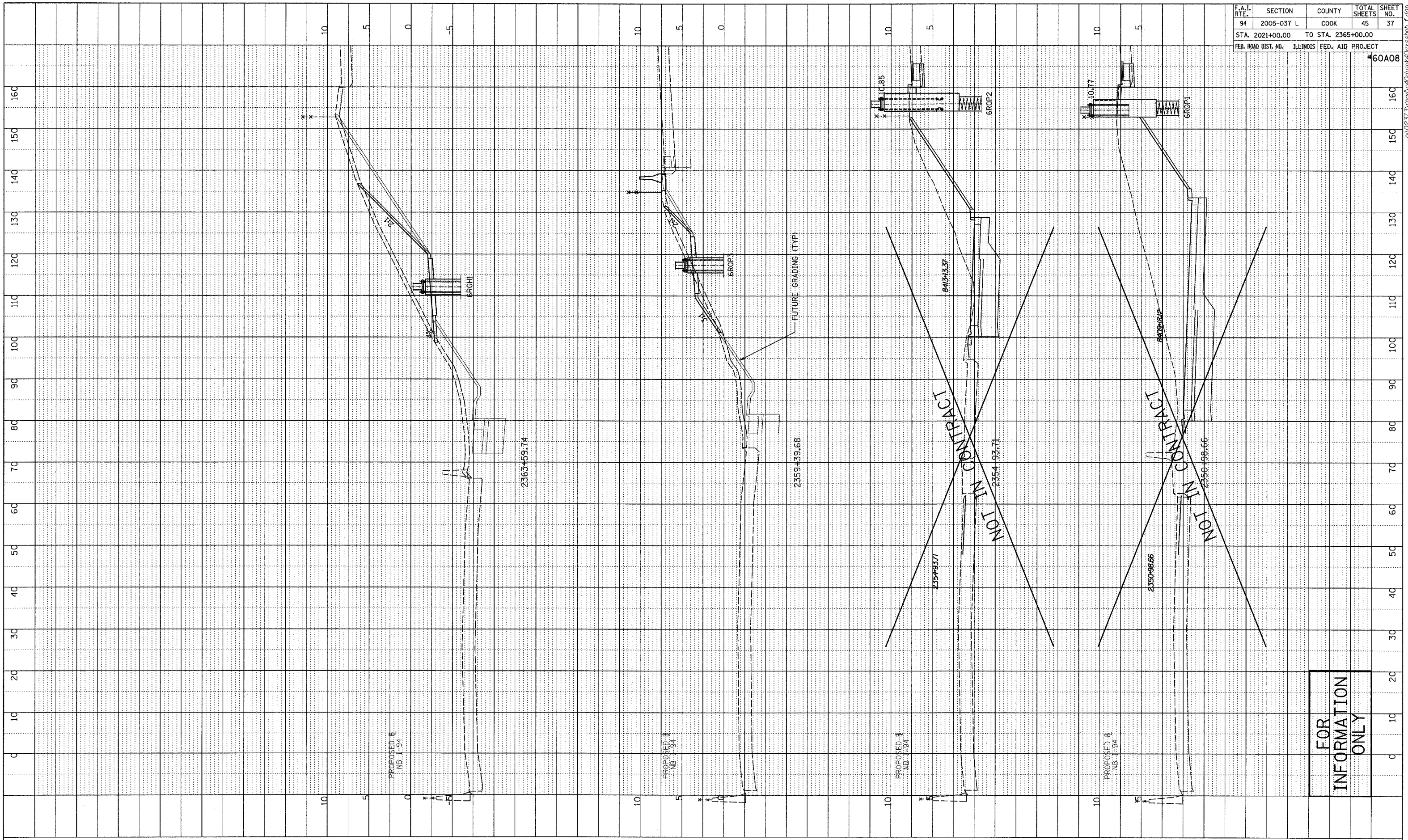




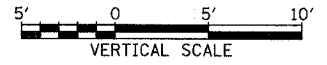
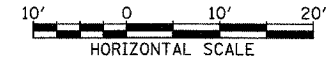
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 CHECKED BY \_\_\_\_\_  
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	37
STA. 2021+00.00 TO STA. 2365+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

#60A08



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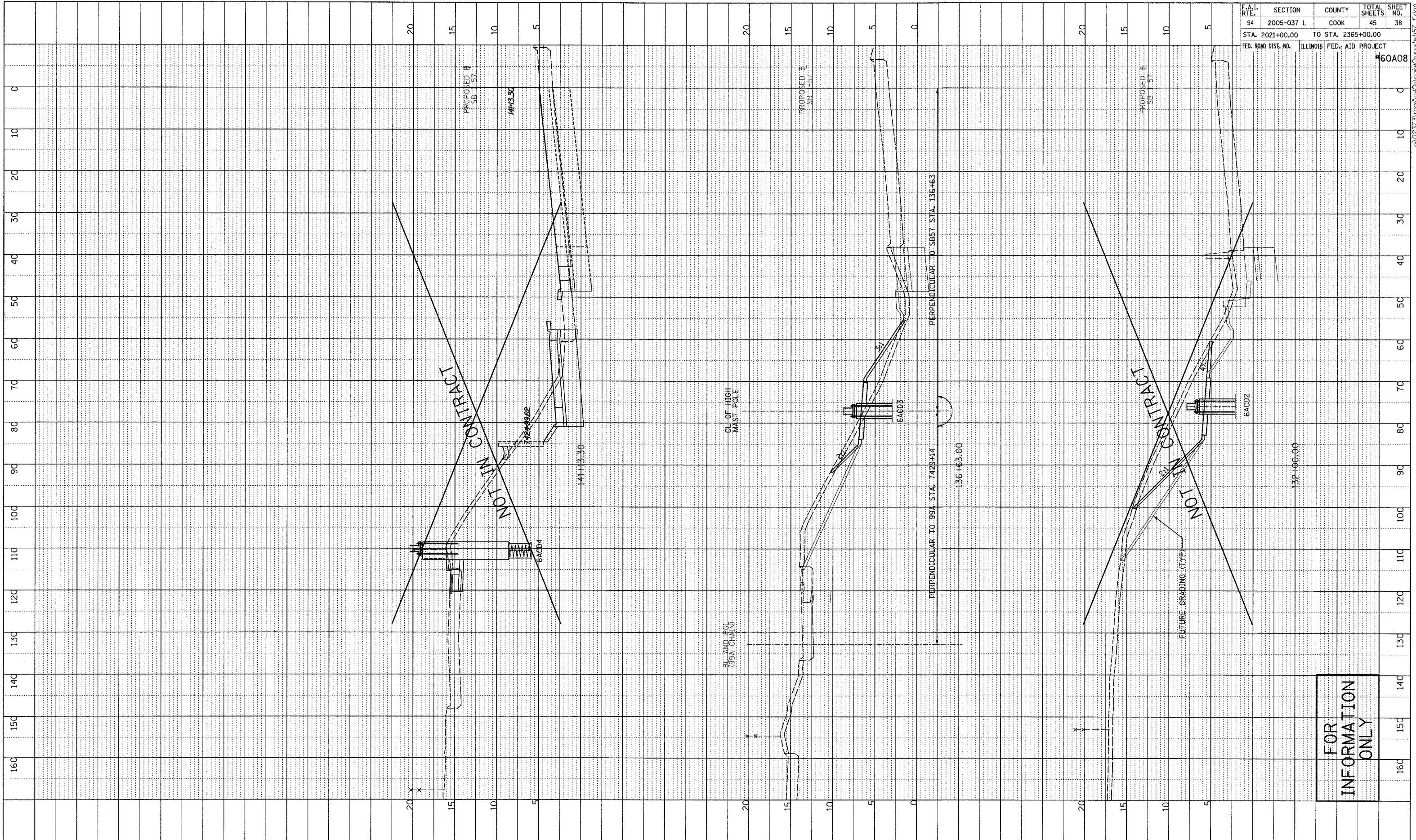


NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2350+98.66 TO 2363+59.74

FOR  
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 ONLY

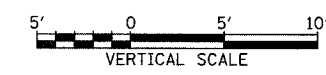
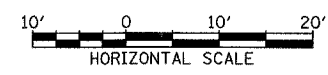
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BY	
PROFILE SUPERVISED	
PLOTTED	
CHECKED	
GRADE	
STRUCTURE	
NOTATION	
NO.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	38
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FOR  
INFORMATION  
ONLY

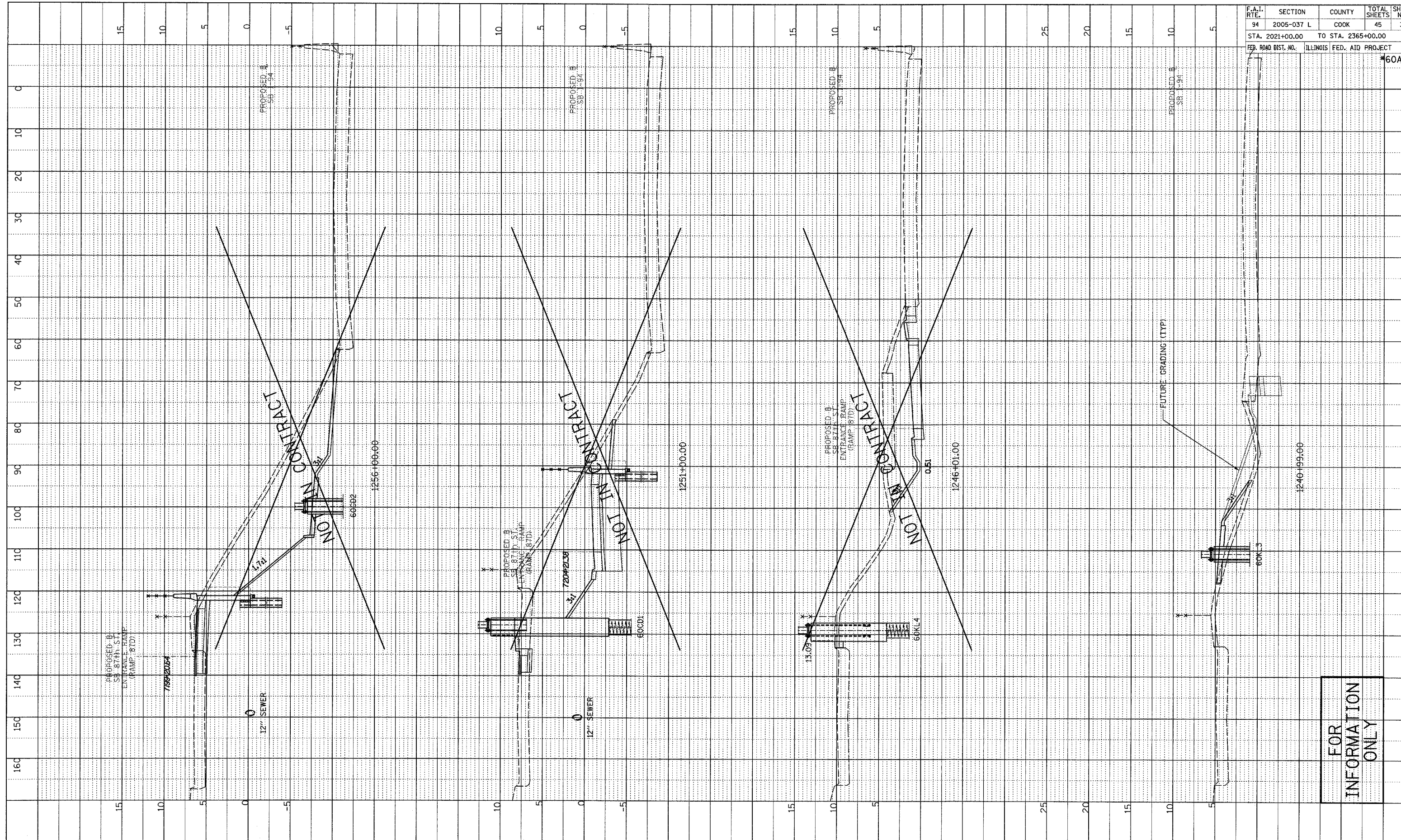
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STA. 132+00 TO STA. 141+13.30 SB I-57



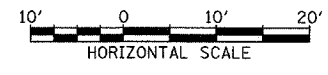
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	39
STA. 2021+00.00 TO STA. 2365+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		#60A08		

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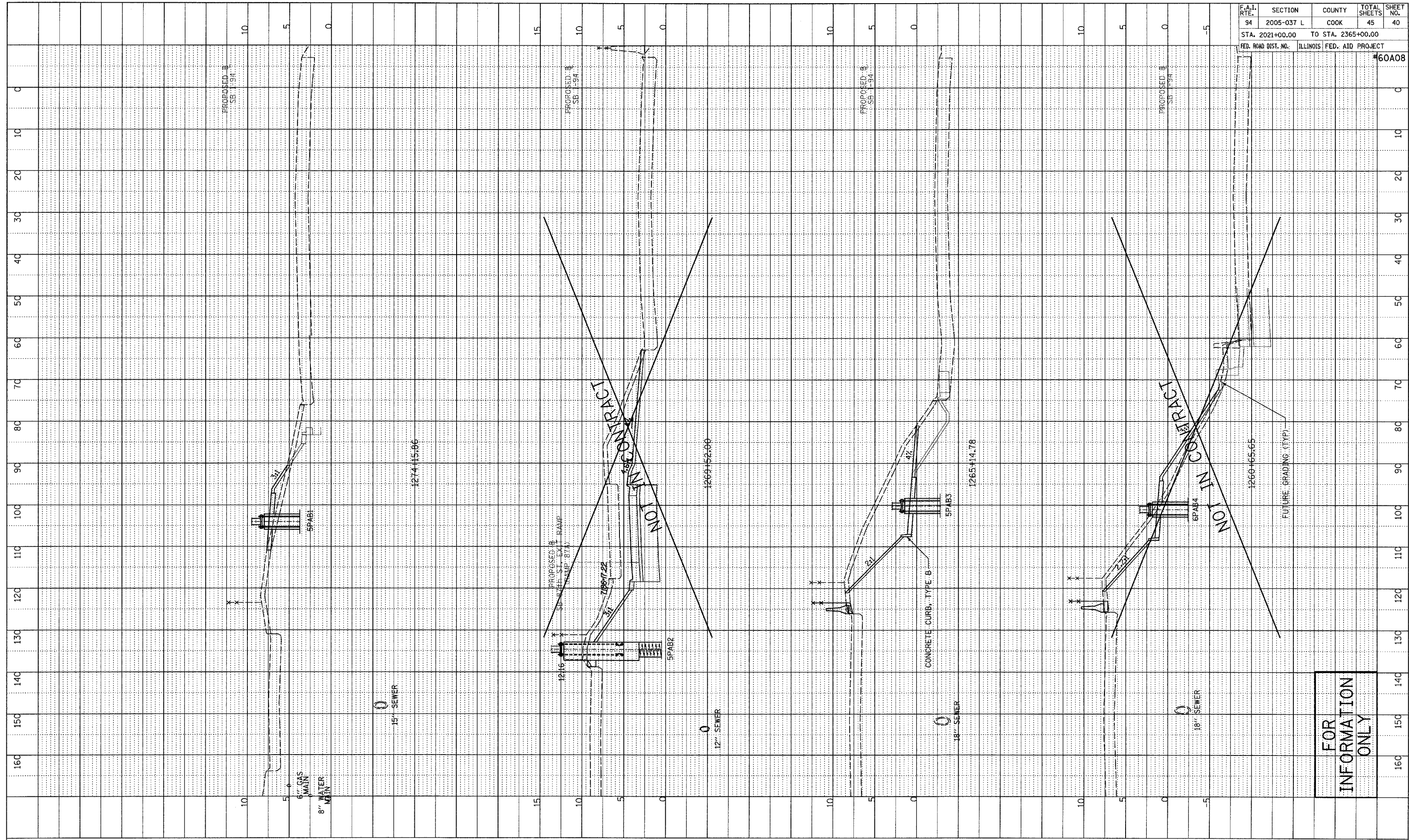


SB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 1240+99 TO STA. 1256+00

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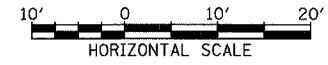
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NO.	DATE NOTED		
	STRUCTURE NOTATIONS	CHK'D	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	40
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1260+65.65 TO STA. 1274+15.86

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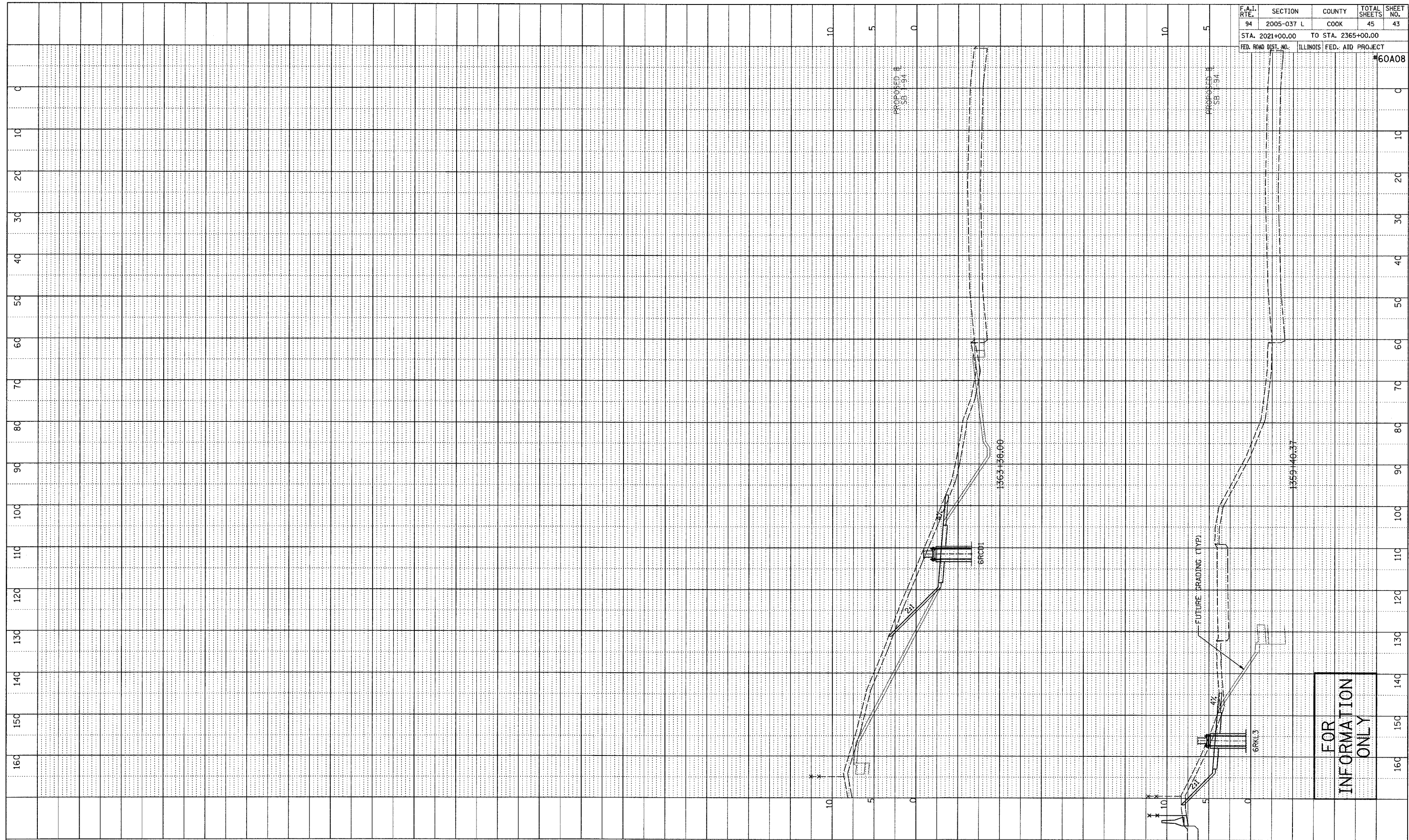




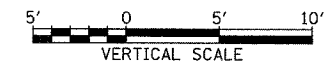
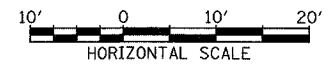


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 STRUCTURE NOTATIONS CHK'D \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	43
STA. 2021+00.00		TO STA. 2365+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		#60A08



TYLIN INTERNATIONAL

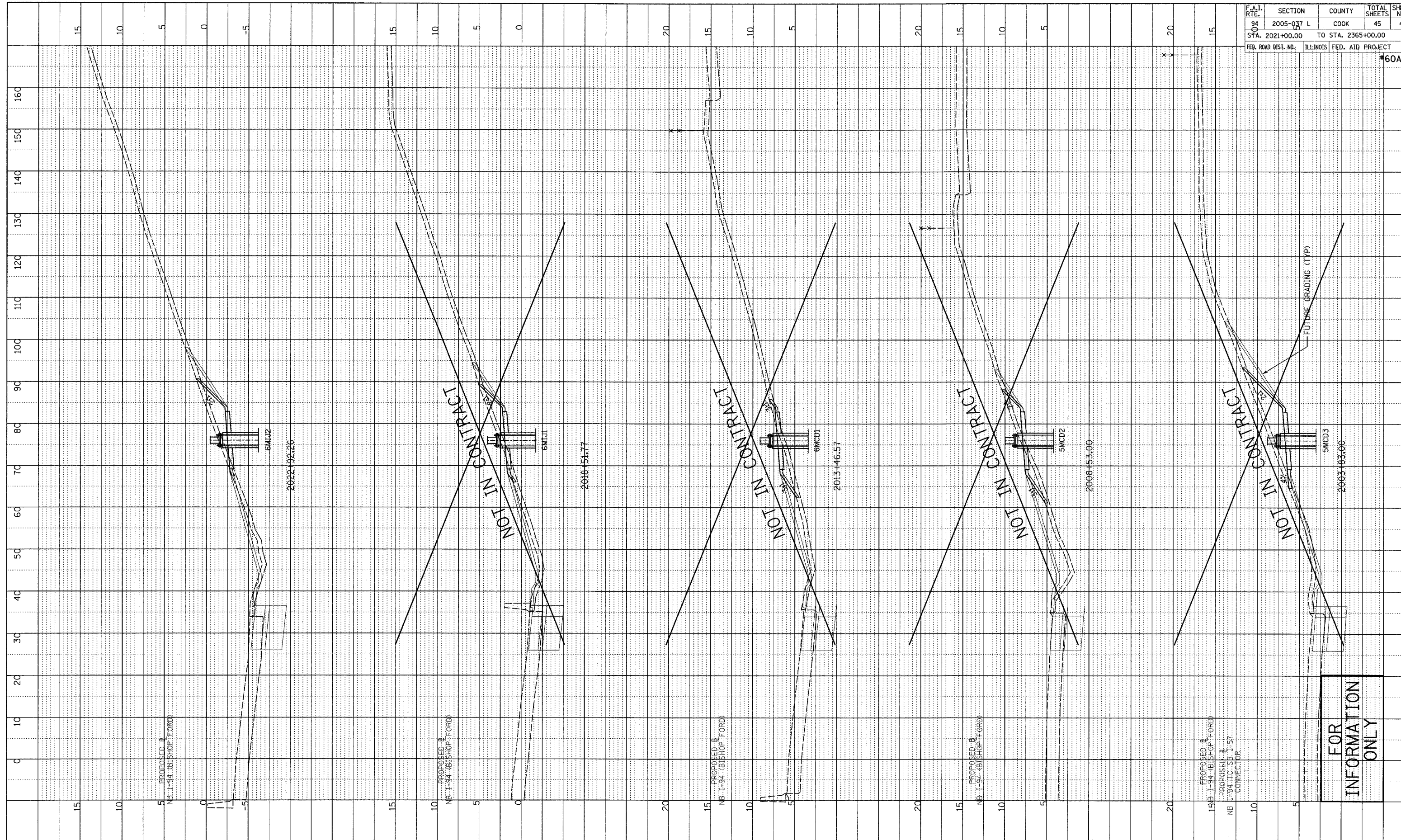


SB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 1359+40.37 TO STA. 1363+38

FOR  
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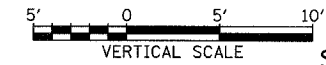
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	44
STA. 2021+00.00 TO STA. 2365+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		#60A08

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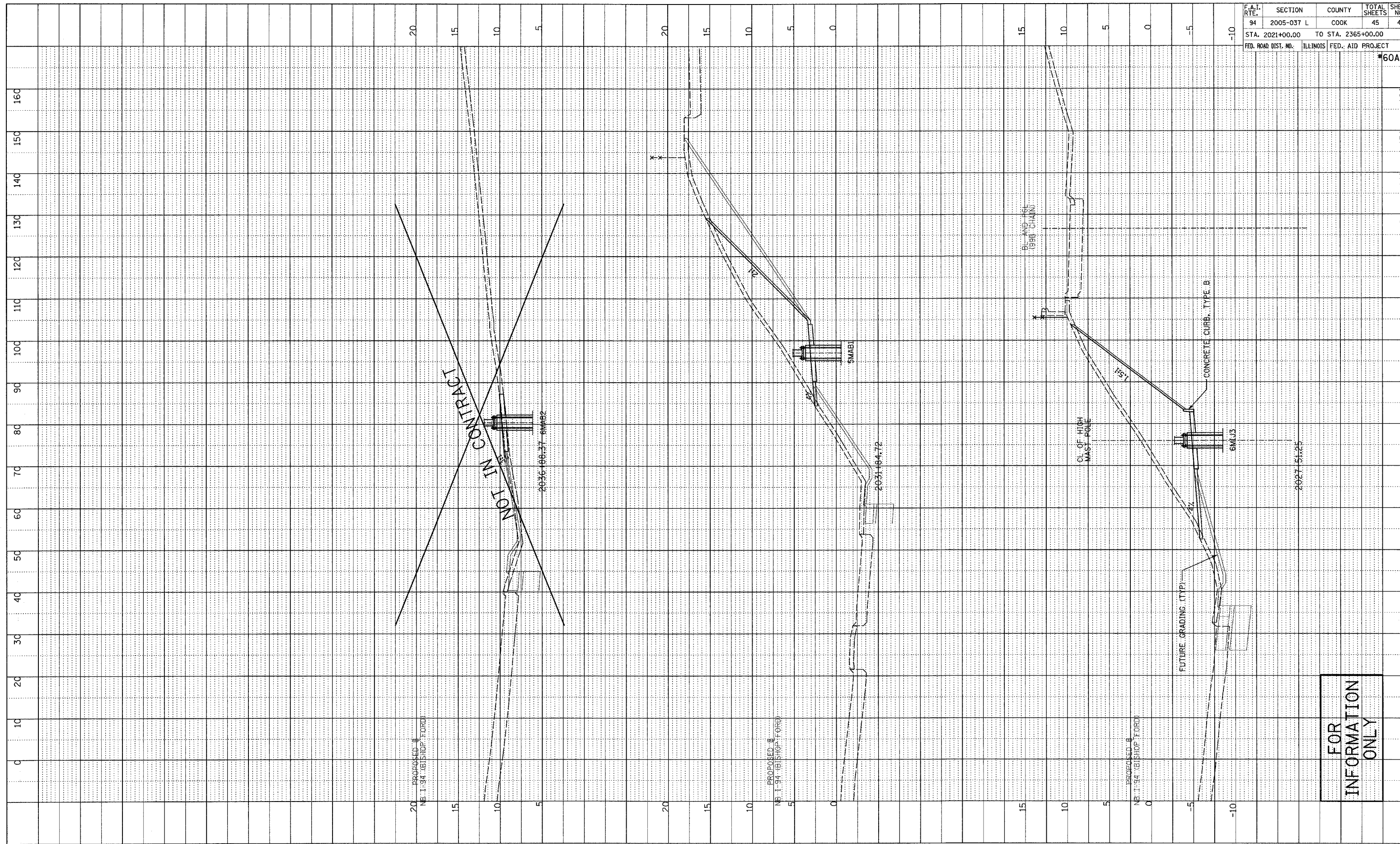


NB I-94 (BISHOP FORD FREEWAY)  
 STA. 2003+83 TO STA. 2022+92.26

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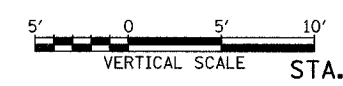
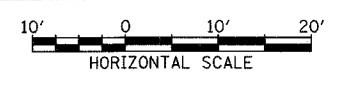
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-037 L	COOK	45	45
STA. 2021+00.00 TO STA. 2365+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
#60A08				

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NB I-94 (BISHOP FORD FREEWAY)  
STA. 2027+51.25 TO STA. 2036+88.37

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