

**INDEX OF SHEETS**

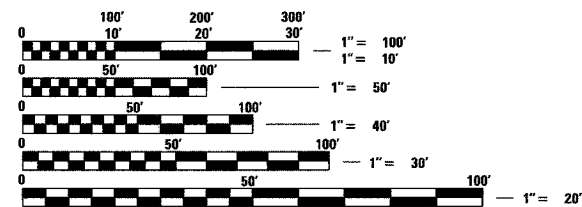
FOR INDEX OF SHEETS, SEE SHEET NO. 2

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 I-94 (BISHOP FORD)	94,200	60 MPH	55 MPH
NB I-57	57,300	60 MPH	55 MPH
NB HALSTED STREET ENTRANCE RAMP	22,100	45 MPH	40 MPH
NB MICHIGAN AVENUE ENTRANCE RAMP	8,900	45 MPH	40 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
WB CROSS CONNECTOR RAMP	24,900	50 MPH	50 MPH

**DESCRIPTION OF PROJECT**

- S.N. 016-W943: REMOVE AND REPLACE EXISTING WALL WITH SOLDIER PILE RETAINING WALL
- S.N. 016-W944: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W945: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W953: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W954: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W955: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W956: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W957: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W960: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W961: NEW SOLDIER PILE RETAINING WALL
- S.N. 016-W975: REMOVE AND REPLACE EXISTING WALL WITH SPREAD FOOTING RETAINING WALL
- S.N. 016-W976: NEW SOLDIER PILE RETAINING WALL



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. 62694**

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

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

**PROPOSED HIGHWAY PLANS**

**F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)  
SECTION (1516.1, 1717 & 1818) R-8  
71ST STREET TO I-57 (NB RAMPS, C-D'S, AND RETAINING WALLS)  
RECONSTRUCTION**

PROJECT: ACIM-094-3(394)060

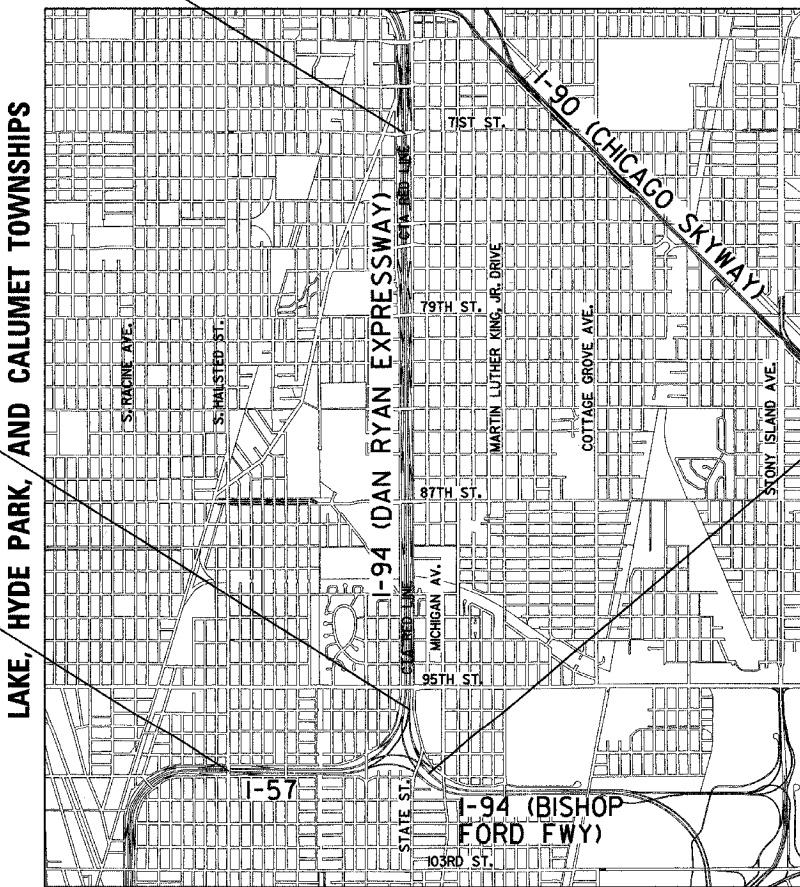
VOL. 1 OF 2

**COOK COUNTY  
C-91-073-04  
R. 14 E.**

F.A.I. 94 (RYAN) PROJECT LIMIT  
STA. 2362 + 07.18 (NB I-94)

F.A.I. 94 (RYAN) STA. 2200 + 00.00 =  
F.A.I. 94 (FORD) STA. 2045 + 78.53 =  
F.A.I. 57 STA. 255 + 32.25

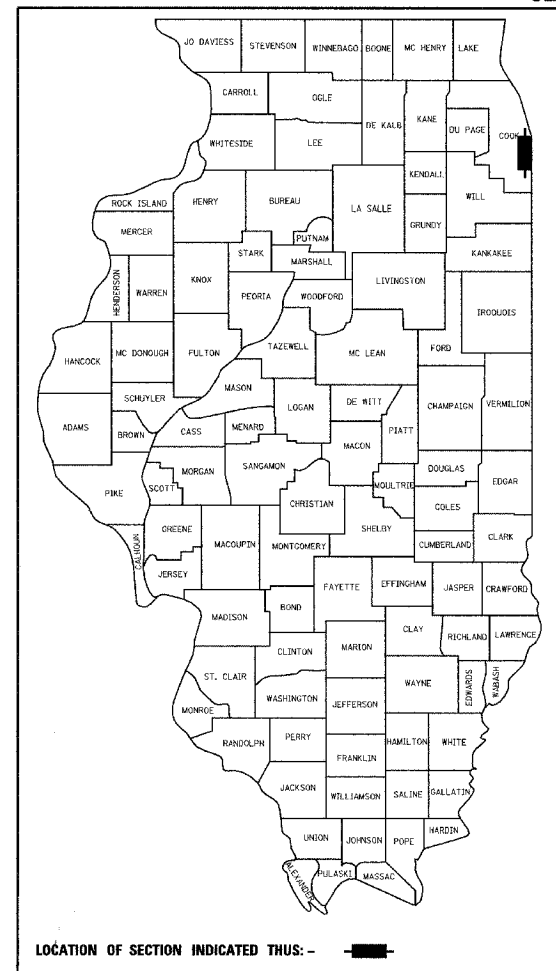
F.A.I. 57 PROJECT LIMIT  
STA. 192 + 89.35 (NB I-57)



**LOCATION MAP**

GROSS LENGTH OF PROJECT = 24730.4 FT. = 4.684 MI.  
NET LENGTH OF PROJECT = 24730.4 FT. = 4.684 MI.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	808	1
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-91-421-01		(1516.1, 1717 & 1818) R-8	62694	



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

SUBMITTED March 29, 20 05

*Dean A. Klesling*  
DISTRICT ENGINEER

May 13, 20 05  
*Mike Hine*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 20 05  
*Victor Mader*  
DIRECTOR, DIVISION OF HIGHWAYS



Signed *Dean A. Klesling*  
Dean A. Klesling, P.E., Lic. No. 32957 Expires 11-30-2005. Excludes SUE drawings 267-284A  
Date March 18, 2005



Signed *Phillip D. Frey*  
Phillip D. Frey, S.E., Il. Lic. No. 081-004826 Expires 11-30-2006. For Structural Drawings 401-666  
Date 3/18/2005



Signed *Thomas Mikolajewski*  
Thomas Mikolajewski, P.E., Il. Lic. No. 062-056151 Expires 11-30-2005. For Electrical Drawings 338-397  
Date March 18, 2005

**CONTRACT 17A**

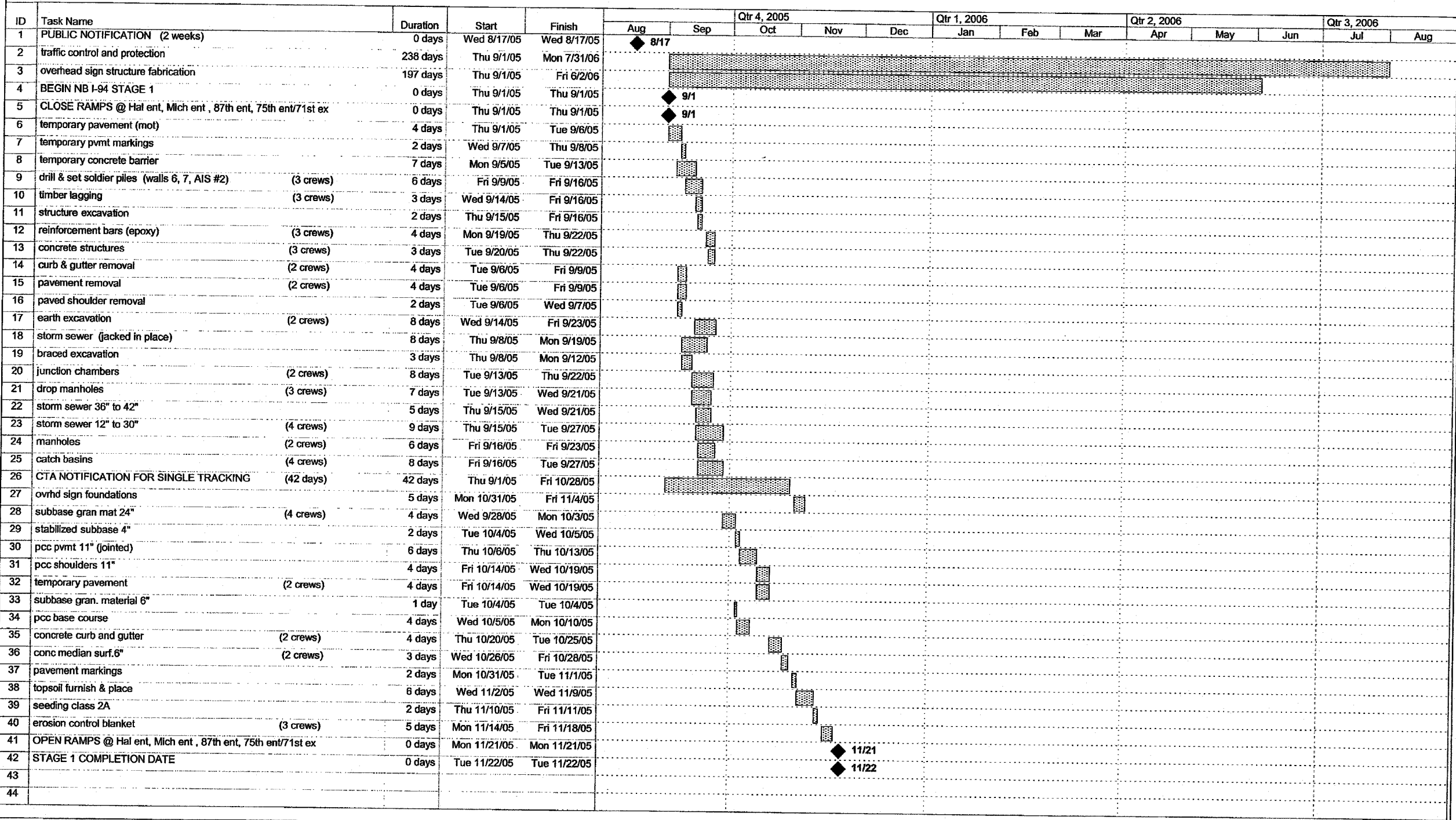
**TYLIN INTERNATIONAL**  
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CONTRACT 62694



Project: 17A construction schedule  
Date: Thu 3/17/05

Task: [Pattern] Progress  
Split: [Pattern] Milestone

Summary: [Pattern] External Tasks  
Project Summary: [Pattern] External Milestone

Deadline: [Pattern]



REVISIONS	
NAME	DATE

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

SUGGESTED CONSTRUCTION SEQUENCE  
CONTRACT 17A: STAGE 1

SCALE: NONE  
DATE: MARCH 18, 2005

DRAWN BY: MPG  
CHECKED BY: MAG

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ID	Task Name	Duration	Start	Finish	Qtr 4, 2005				Qtr 1, 2006			Qtr 2, 2006			Qtr 3, 2006	
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
45	PUBLIC NOTIFICATION (2 weeks)	0 days	Thu 11/10/05	Thu 11/10/05				◆ 11/10								
46	BEGIN NB I-94 STAGE 2	0 days	Fri 11/25/05	Fri 11/25/05				◆ 11/25								
47	CLOSE RAMPS @ 95th ent, 87th ex, 79th ent/76th ex	0 days	Fri 11/25/05	Fri 11/25/05				◆ 11/25								
48	rem / relocate temp conc barrier (2 crews)	5 days	Fri 11/25/05	Thu 12/1/05												
49	temp pavement markings	1 day	Thu 12/1/05	Thu 12/1/05												
50	curb & gutter removal (2 crews)	4 days	Mon 12/5/05	Thu 12/8/05												
51	pavement removal (2 crews)	4 days	Mon 12/5/05	Thu 12/8/05												
52	paved shoulder removal	2 days	Mon 12/5/05	Tue 12/6/05												
53	junction chamber	8 days	Wed 12/7/05	Fri 12/16/05												
54	remove existing structure (wall 1,69)	6 days	Tue 11/29/05	Tue 12/6/05												
55	drill & set soldier piles (walls 1, 2A, 2B, 3, 4, AIS #1, 5, 69, 70) (2 crews)	58 days	Wed 12/7/05	Fri 2/24/06												
56	timber lagging (2 crews)	29 days	Fri 1/20/06	Wed 3/1/06												
57	structure excavation (2 crews)	8 days	Wed 2/22/06	Fri 3/3/06												
58	reinf bars epoxy ctd (2 crews)	34 days	Mon 3/6/06	Thu 4/20/06												
59	concrete structures (2 crews)	24 days	Fri 4/14/06	Wed 5/17/06												
60	earth excavation (2 crews)	11 days	Thu 5/18/06	Thu 6/1/06												
61	storm sewer 36" to 42"	4 days	Mon 5/22/06	Thu 5/25/06												
62	storm sewer 12" to 30"	(3 crews) 15 days	Mon 5/22/06	Fri 6/9/06												
63	manholes	11 days	Mon 5/22/06	Mon 6/5/06												
64	catch basins (3 crews)	12 days	Thu 5/25/06	Fri 6/9/06												
65	CTA NOTIFICATION FOR SINGLE TRACKING (42 days)	42 days	Thu 3/23/06	Fri 5/19/06												
66	ovrhd sign foundations	13 days	Mon 5/22/06	Wed 6/7/06												
67	ovrhd sign structure (2 crews)	13 days	Thu 6/8/06	Mon 6/26/06												
68	sign panels	4 days	Tue 6/27/06	Fri 6/30/06												
69	subbase gran mat 24" (2 crews)	6 days	Thu 6/1/06	Thu 6/8/06												
70	stabilized subbase 4"	2 days	Fri 6/9/06	Mon 6/12/06												
71	pcc pvmt 11" (jointed)	6 days	Tue 6/13/06	Tue 6/20/06												
72	temporary pavement	5 days	Wed 6/21/06	Tue 6/27/06												
73	subbase gran. Mat. 6"	1 day	Fri 6/9/06	Fri 6/9/06												
74	pcc base course	4 days	Mon 6/12/06	Thu 6/15/06												
75	conc c & g (2 crews)	5 days	Wed 6/21/06	Tue 6/27/06												
76	conc median surf 6" (2 crews)	7 days	Wed 6/28/06	Thu 7/6/06												
77	pavement markings	2 days	Fri 7/7/06	Mon 7/10/06												
78	topsoil furnish & place	4 days	Tue 7/11/06	Fri 7/14/06												
79	seeding class 2A	1 day	Mon 7/17/06	Mon 7/17/06												
80	plantings	2 days	Tue 7/18/06	Wed 7/19/06												
81	erosion control blanket (2 crews)	5 days	Thu 7/20/06	Wed 7/26/06												
82	OPEN RAMPS @ 95th ent, 87th ex, 79th ent/76th ex	0 days	Thu 7/27/06	Thu 7/27/06												
83	STAGE 2 COMPLETION DATE	0 days	Mon 7/31/06	Mon 7/31/06												

Project: 17A construction schedule  
Date: Thu 3/17/05

Task: [Pattern] Progress  
Split: [Pattern] Milestone

Summary: [Pattern] External Tasks  
Project Summary: [Pattern] External Milestone

Deadline: [Symbol]

REVISIONS	
NAME	DATE

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CONTRACT NO. 62694  
F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)  
71ST STREET TO I-57 (NB RAMPS, C-D'S, AND RETAINING WALLS)  
COOK COUNTY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	7
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8				62694

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL	URBAN - 90% FEDERAL, 10% STATE						
				DAN RYAN J000-2A	FRONTAGE RD I000-2A	LIGHTING Y030-1E	SIGNING Y002-1C	I.T.S. Y032-1F	STRUCTURAL Y007	
20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	UNIT	1511	1511						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	400	400						
20101000	TEMPORARY FENCE	FOOT	8148	8148						
20200100	EARTH EXCAVATION	CU YD	80615	80615						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	12265	12265						
20400800	FURNISHED EXCAVATION	CU YD	606	606						
20700220	POROUS GRANULAR EMBANKMENT	CU YD	3020	440			29			2551
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	410	410						
20800150	TRENCH BACKFILL	CU YD	12888	12888						
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	27728	27728						
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	67542	67542						
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	11416	11416						
21101825	COMPOST FURNISH AND PLACE, 6"	SQ YD	11416	11416						
* 25000210	SEEDING, CLASS 2A	ACRE	16.25	16.25						
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1463	1463						
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1463	1463						
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1463	1463						
⊙ * 25000750	MOWING	ACRE	29.50	29.50						
* 25100630	EROSION CONTROL BLANKET	SQ YD	77917	77917						
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	1130	1130						
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	3256	3256						
28000300	TEMPORARY DITCH CHECKS	EACH	71	71						
* 28000400	PERIMETER EROSION BARRIER	FOOT	16889	16889						
* 28000510	INLET FILTERS	EACH	90	59	31					
28001000	AGGREGATE (EROSION CONTROL)	TON	13	13						
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	8378		8378					
31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	2274	2274						
31101860	SUB-BASE GRANULAR MATERIAL, TYPE B 24"	SQ YD	25454	25454						
31200100	STABILIZED SUB-BASE 4"	SQ YD	23672	23672						
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	4969		4969					
35300510	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/2"	SQ YD	2422		2422					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5.9		5.9					

- \* - SPECIALTY ITEM
- - IDOT PAY CODE SFTY-3N
- △ - IDOT PAY CODE Y080
- ⊙ - NON-PARTICIPATING

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE
REVISED	05/06/05
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
SUMMARY OF QUANTITIES  
SHEET 1 OF 10  
  
SCALE: NONE      DRAWN BY: MPG  
DATE: MARCH 18, 2005      CHECKED BY: JPA

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**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL	URBAN - 90% FEDERAL, 10% STATE					
				DAN RYAN J000-2A	FRONTAGE RD I000-2A	LIGHTING Y030-1E	SIGNING Y002-1C	I.T.S. Y032-1F	STRUCTURAL Y007
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	565.5	565.5					
60605500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	11.5		11.5				
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	195.0	79.0	116.0				
60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	311.0	311.0					
60618324	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	8860	8860					
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	587.5	587.5					
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2					
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2					
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	4					
63200310	GUARDRAIL REMOVAL	FOOT	828	402	426				
63700805	CONCRETE BARRIER TRANSITION	FOOT	313	313					
66400305	CHAIN LINK FENCE, 6'	FOOT	3492	392	3100				
66410300	CHAIN LINK FENCE REMOVAL	FOOT	7337		7337				
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	20			20			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	26870	26870					
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6					
67100100	MOBILIZATION	L SUM	1	0.5	0.5				
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0.5	0.5				
70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	2		2				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60		60				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	18210	12490	5720				
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	407		407				
70300520	PAVEMENT MARKING TAPE, TYPE III, 4"	FOOT	8508		8508				
70300540	PAVEMENT MARKING TAPE, TYPE III, 6"	FOOT	850		850				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	14243	10575	3668				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	19130	13660	5470				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	8670	7350	1320				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	30			30			
* 72000200	SIGN PANEL - TYPE 2	SQ FT	234				234		
* 72000300	SIGN PANEL - TYPE 3	SQ FT	3944				3944		
* 72100100	SIGN PANEL OVERLAY	SQ FT	44				44		

- \* - SPECIALTY ITEM
- - IDOT PAY CODE SFTY-3N
- △ - IDOT PAY CODE Y080
- ⊙ - NON-PARTICIPATING

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE
REVISED	05/06/05
REVISED	04/15/05

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

**SUMMARY OF QUANTITIES  
SHEET 5 OF 10**

SCALE: NONE      DRAWN BY: MPG  
DATE: MARCH 18, 2005      CHECKED BY: JPA

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**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL	URBAN - 90% FEDERAL, 10% STATE						
				DAN RYAN J000-2A	FRONTAGE RD I000-2A	LIGHTING Y030-1E	SIGNING Y002-1C	I.T.S. Y032-1F	STRUCTURAL Y007	
X442023	CLASS C PATCHES, TYPE II, 10 1/2 INCH	SQ YD	50		50					
60608530	COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.48	FOOT	233.0	233.0						
X6063605	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	239.0	63.0	176.0					
* X0324976	CONDUIT DIRECTIONAL BORED, 6" DIA., HDPE	FOOT	614			614				
* X0324977	CONDUIT ENCASED, REINFORCED CONCRETE, 2 - 4" DIA. CNC AND 1 - 2" DIA. CNC, 2 WIDE X 2 HIGH	FOOT	31			31				
* X0324978	CONDUIT ENCASED, REINFORCED CONCRETE, 2" DIA., CNC	FOOT	451			451				
* X0324989	CONDUIT ENCASED, REINFORCED CONCRETE, 3 - 2" DIA., CNC 2 WIDE X 2 HIGH	FOOT	123			123				
* X0324980	CONDUIT ENCASED, REINFORCED CONCRETE, 3 - 4" DIA. CNC AND 1 - 2" DIA. CNC, 2 WIDE X 2 HIGH	FOOT	131			131				
* X0324981	CONDUIT ENCASED, REINFORCED CONCRETE, 3 - 4" DIA. CNC AND 1 - 3" DIA. CNC, 2 WIDE X 2 HIGH	FOOT	80			80				
* X0324982	CONDUIT ENCASED, REINFORCED CONCRETE, 3 - 4" DIA. CNC AND 3 - 2" DIA. CNC, 2 WIDE X 3 HIGH	FOOT	64			64				
* X0324983	CONDUIT ENCASED, REINFORCED CONCRETE, 3 - 4" DIA. CNC AND 6 - 2" DIA. CNC, 2 WIDE X 5 HIGH	FOOT	95			95				
* X0324979	CONDUIT ENCASED, REINFORCED CONCRETE, 3" DIA., CNC	FOOT	19			19				
* X0324984	CONDUIT ENCASED, REINFORCED CONCRETE, 5 - 4" DIA. CNC AND 1 - 2" DIA. CNC, 2 WIDE X 3 HIGH	FOOT	576			576				
* X0324985	CONDUIT ENCASED, REINFORCED CONCRETE, 5 - 4" DIA. CNC AND 2 - 2" DIA. CNC, 2 WIDE X 4 HIGH	FOOT	84			84				
* X0324986	CONDUIT ENCASED, REINFORCED CONCRETE, 5 - 4" DIA. CNC AND 3 - 2" DIA. CNC, 2 WIDE X 4 HIGH	FOOT	564			564				
* X0324987	CONDUIT ENCASED, REINFORCED CONCRETE, 5 - 4" DIA. CNC AND 6 - 2" DIA. CNC, 2 WIDE X 6 HIGH	FOOT	380			380				
60248690	JUNCTION CHAMBER NO. 61	EACH	1	1						
60248692	JUNCTION CHAMBER NO. 62	EACH	1	1						
X6022120	MANHOLES, DROP TYPE, 7"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3						
X6022130	MANHOLES, DROP TYPE, 8"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
X6024800	MODIFIED JUNCTION CHAMBER	EACH	1						1	
44004260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	111	111						
* X0324988	RELOCATE CITY STREET LIGHT POLE	EACH	10			10				
X0320816	SLEEPER SLAB	SQ YD	204	204						
* E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	1101	1101						
* K0030400	PERENNIAL PLANTS, DAYLILIES	UNIT	12	12						
X0300057	MANHOLES, TYPE A, 6"-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	4	4						
X0320870	BRACED EXCAVATION	CU YD	748	513		17				218
X0321720	WATER MAIN REMOVAL	FOOT	3783	3783						
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	208		208					
X0322400	PILE EXTRACTION	EACH	3							3
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1550	1550						

- \* - SPECIALTY ITEM
- - IDOT PAY CODE SFTY-3N
- △ - IDOT PAY CODE Y080
- - NON-PARTICIPATING

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE
REVISED	05/06/05
REVISED	04/15/05

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

**SUMMARY OF QUANTITIES**  
**SHEET 8 OF 10**

SCALE: NONE  
DATE: MARCH 18, 2005  
DRAWN BY: MPG  
CHECKED BY: JPA

05/09/2005 03:33:11 PM

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL	URBAN - 90% FEDERAL, 10% STATE						
				DAN RYAN J000-2A	FRONTAGE RD I000-2A	LIGHTING Y030-1E	SIGNING Y002-1C	I.T.S. Y032-1F	STRUCTURAL Y007	
* X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	22	22						
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	180	118	62					
* X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18			18				
* X0323907	COMMUNICATIONS VAULT	EACH	6					6		
X0324112	BARRIER BASE	FOOT	2003	2003						
* X0324209	CONDUIT ENCASED, REINFORCED CONCRETE, 3 - 4" DIA., CNC 2 WIDE X 2 HIGH	FOOT	86			86				
* X0324210	CONDUIT ENCASED, REINFORCED CONCRETE, 4 - 4" DIA., CNC 2 WIDE X 2 HIGH	FOOT	76			76				
* X0324211	CONDUIT ENCASED, REINFORCED CONCRETE, 5 - 4" DIA., CNC 2 WIDE X 3 HIGH	FOOT	38			38				
* X0324212	CONDUIT ENCASED, REINFORCED CONCRETE, 6 - 4" DIA., CNC 2 WIDE X 3 HIGH	FOOT	85			85				
* X0324219	CONDUIT ENCASED, REINFORCED CONCRETE, 2 - 4" DIA., CNC 2 WIDE X 1 HIGH	FOOT	306			306				
X0324433	LIGHT TOWER SERVICE PAD, 6"	SQ FT	137	137						
* X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	210013							210013
* X0324456	DRILLING AND SETTING SOLDIER PILES (IN ROCK)	CU FT	116							116
X0324697	SOIL STABILIZERS	POUND	29000	29000						
X0324698	APPLYING DUST SUPPRESSION AGENT	UNIT	11	11						
* X0324863	COMBINED SEWERS, ESVCP, TYPE 2, 8"	FOOT	7		7					
X0324864	DRAIN CONNECTIONS	FOOT	83		83					
X0712400	TEMPORARY PAVEMENT	SQ YD	12721	12721						
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5		5					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5		5					
X4023000	TEMPORARY ACCESS (ROAD)	EACH	5		5					
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	823		823					
X4067100	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	TON	427		427					
X6061001	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.48	FOOT	5933.5	5933.5						
X6063401	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.12	FOOT	6379.5	6379.5						
X6063600	COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.24	FOOT	5745.5	4625.5	1120.0					
X6065740	CONCRETE MEDIAN SURFACE, 5" (MODIFIED)	SQ FT	9060		9060					
X6370920	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	1199	1199						
X6370930	CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT	FOOT	491	491						
X6640210	TEMPORARY CHAIN LINK FENCE (PORTABLE)	FOOT	11279		11279					
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	15	15						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1						

\* - SPECIALTY ITEM  
 □ - IDOT PAY CODE SFTY-3N  
 △ - IDOT PAY CODE Y080  
 ⊙ - NON-PARTICIPATING

TYLIN INTERNATIONAL

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NAME	DATE
REVISED	05/06/05
REVISED	04/15/05

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

SUMMARY OF QUANTITIES  
 SHEET 9 OF 10

SCALE: NONE  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPA





**POTENTIAL UNDERCUT**

"POROUS GRANULAR EMBANKMENT, SUBGRADE" (PGES) HAS BEEN RECOMMENDED FOR USE AT LOCATIONS WITH SOILS THAT TEND TO BE UNSTABLE OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 303.13 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

(SEE SCHEDULE OF QUANTITIES FOR LOCATIONS)

**PROPOSED LEGEND**

- ① BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 1 1/2"
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 1 1/2"
- ③ TEMPORARY PAVEMENT \*\*\*
- ④ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑤ PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- ⑥ PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- ⑦ PORTLAND CEMENT CONCRETE SHOULDERS, 12"
- ⑧ STABILIZED SUB-BASE, 4"
- ⑨ COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.12
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE B 24" (GRADATION PER 30-YEAR PAVEMENT SPECIFICATION)
- ⑪ COMBINATION CONCRETE CURB & GUTTER, TYPE B-V.12
- ⑫ COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.12
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.24
- ⑭ COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.48
- ⑮ SUB-BASE GRANULAR MATERIAL, TYPE B 6" (CA6 GRADATION)
- ⑯ PROPOSED RETAINING WALL (SEE STRUCTURAL PLANS)
- ⑰ CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT; BARRIER BASE (SEE NOTE BELOW)
- ⑱ CONCRETE BARRIER TRANSITION (SEE NOTE BELOW)
- ⑲ STEEL PLATE BEAM GUARDRAIL, TYPE A
- ⑳ CONCRETE MEDIAN SURFACE, 5" (MODIFIED)
- ㉑ TOPSOIL FURNISH & PLACE, 4"; SEEDING, CLASS 2A; EROSION CONTROL BLANKET; & NUTRIENTS
- ㉒ PORTLAND CEMENT CONCRETE BASE COURSE, 10 1/2"
- ㉓ PIPE UNDERDRAIN, 6" (SEE DETAILS)
- ㉔ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉕ PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- ㉖ COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.48
- ㉘ CONCRETE GUTTER (SEE RETAINING WALL PLANS)
- ㉙ CONCRETE CURB, TYPE B
- ㉚ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ㉛ CHAIN LINK FENCE, 6'
- ㉜ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT; BARRIER BASE (SEE NOTE BELOW)
- ㉝ SUB-BASE GRANULAR MATERIAL, TYPE B 12" (CA6 GRADATION)
- ㉞ AGGREGATE FILL (INCLUDED IN THE COST OF "CONCRETE MEDIAN SURFACE, 6" (SPECIAL)" OR "CONCRETE MEDIAN SURFACE, 5" (MODIFIED)"
- ㉟ PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ㊱ BITUMINOUS SHOULDERS, SUPERPAVE 6"
- ㊲ SLOPE WALL 4 INCH
- ㊳ TOPSOIL, FURNISH & PLACE, 12"; COMPOST, FURNISH & PLACE, 6"; SEEDING, CLASS 2A; EROSION CONTROL BLANKET; & NUTRIENTS
- ㊴ TOPSOIL, FURNISH & PLACE, 12"; COMPOST, FURNISH & PLACE, 6"; PLANTINGS & HERBICIDE (SEE LANDSCAPING NOTES)
- ㊵ FURNISH TEMPORARY CONCRETE BARRIER

\*\*\* - SEE TYPICAL SECTION PAVEMENT DETAILS

NOTE: A PAINT STRIPE SHALL BE APPLIED TO THE FACE OF BARRIER WALL ADJACENT TO ALL DRAINAGE STRUCTURES. THE STRIPE SHALL BE 4" WIDE BY 12" LONG, AND EXTEND VERTICALLY AT 90 DEGREES FROM THE TOP EDGE OF THE BARRIER. THE PAINT WILL BE SPECIFIED AS ORANGE PAINT. COST OF THE STRIPE IS TO BE INCLUDED IN THE COST OF THE CONCRETE BARRIER.

**EXISTING LEGEND**

ALL EXISTING PAVEMENT DEPTHS ARE FROM AS-BUILT PLANS AND ARE SUBJECT TO CHANGE

- (A) BIT CONC SURFACE COURSE, 1 1/2"±
- (B) BIT CONC BINDER COURSE, 1 1/2"±
- (C) SUB-BASE GRANULAR MATERIAL, 6"±
- (D) PCC BASE COURSE, 9"±
- (E) PCC PAVEMENT, 10"± (WITH PAVEMENT FABRIC, 80 LBS±/100 SF)
- (F) CRUSHED STONE, 5"±
- (G) CHAIN LINK FENCE
- (H) BIT CONC BINDER COURSE, 4 3/4"±
- (I) COMB CONC CURB & GUTTER
- (J) SIDEWALK
- (K) PCC SHOULDERS, 9"±
- (L) SUB-BASE GRANULAR MATERIAL, 4"±
- (M) CONCRETE BARRIER WALL
- (N) CRC PAVEMENT, 10"±
- (O) SUB-BASE GRANULAR MATERIAL, 12"±
- (P) STABILIZED SUB-BASE 4"±
- (Q) PIPE UNDERDRAIN, 6"±
- (R) BIT CONC BINDER COURSE, 2 1/2"±
- (S) STABILIZED SHOULDER, 16"±

**BITUMINOUS MIXTURE REQUIREMENT**

ITEM	AC TYPE	VOIDS	RAP %
BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "D", N70	PG 64-22	4%±70 Gyr	10
POLY. LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	SBS/SBR PG 76-28	2.5%±50 Gyr	0
*BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "D", N50	PG 64-22	4%±50 Gyr	15
*BIT. BASE COURSE, SUPERPAVE, N50	PG 58-22	2%±50 Gyr	50
**POLY. BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "F", N105	SBS 70-22	4%±105 Gyr	0
**BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19, N105	PG 64-22	4%±105 Gyr	0
STABILIZED SUBBASE, 4"	PG 58-22	2%±50 Gyr	50
BITUMINOUS SHOULDERS, SUPERPAVE, 6"	PG 58-22	2%±30 Gyr	50

- \* - TEMPORARY PAVEMENT FOR RAMP TERMINALS
- \*\* - TEMPORARY PAVEMENT FOR MAINLINE

QUANTITIES FOR BITUMINOUS SUPERPAVE ITEMS WERE DETERMINED USING THE FOLLOWING RATES: 115 LB/SQ YD/IN FOR LEVELING BINDER, AND 112 LB/SQ YD/IN FOR SURFACE COURSE.

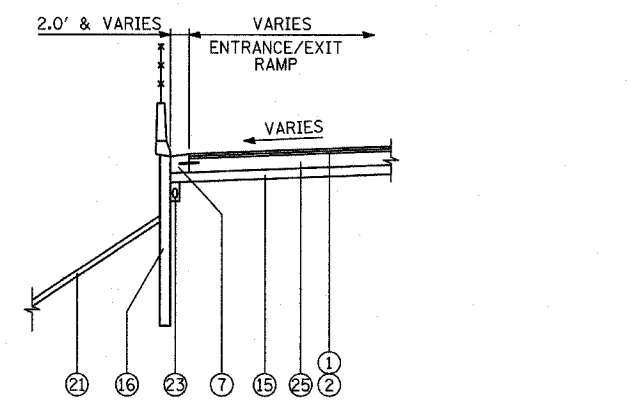
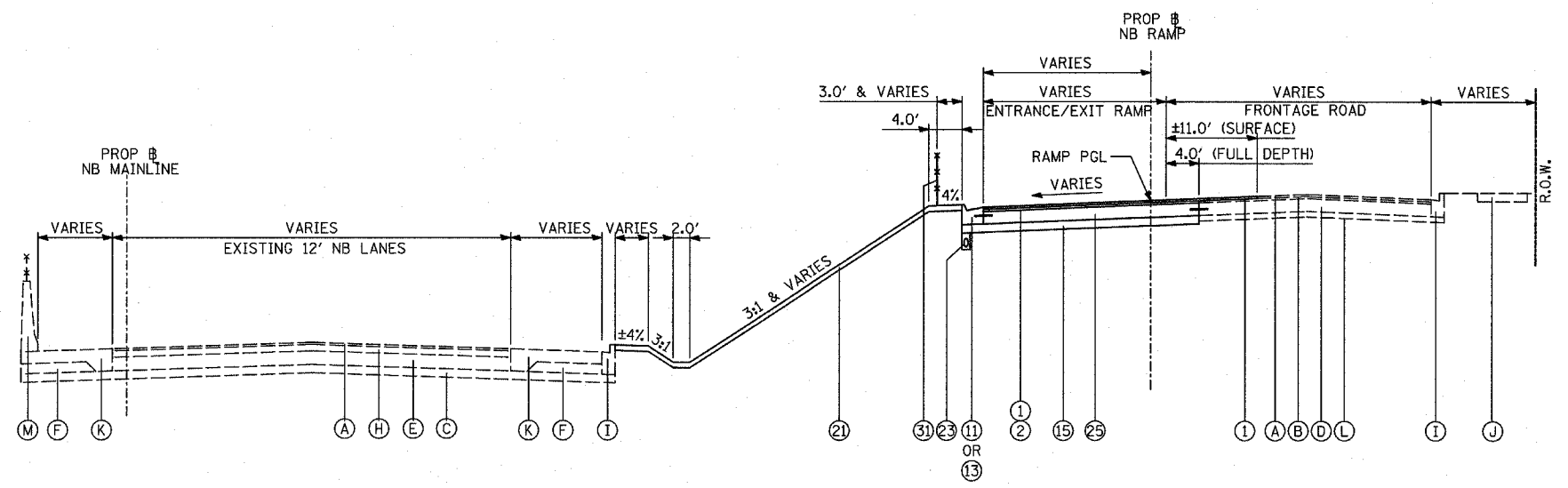
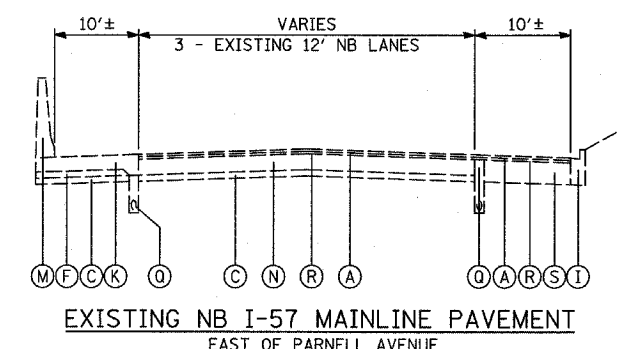
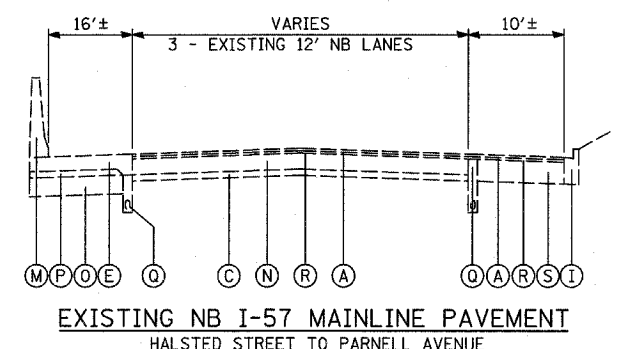
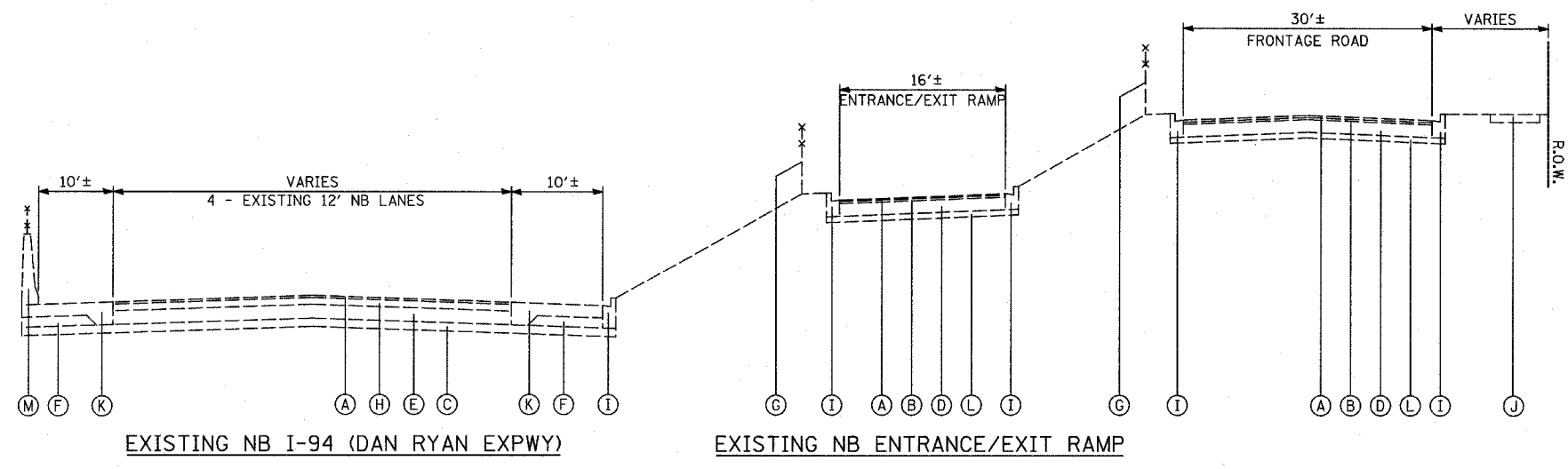
STRUCTURAL DESIGN TRAFFIC: YEAR = 2020  
 PV = 16,758 SU = 532 MU = 1,710  
 ROAD/STREET CLASSIFICATION: CLASS 1  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P = 100 S = 100 M = 100  
 TRAFFIC FACTOR: ACTUAL TF = 38.10 AC TYPE = N/A  
 MINIMUM TF = 16.75  
 AC GRADE: BINDER = - SURFACE = -  
 SUBGRADE SUPPORT RATING:  
 SSR = 2.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	16
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
			• (1516.1, 1717 & 1818) R-8	
				62694

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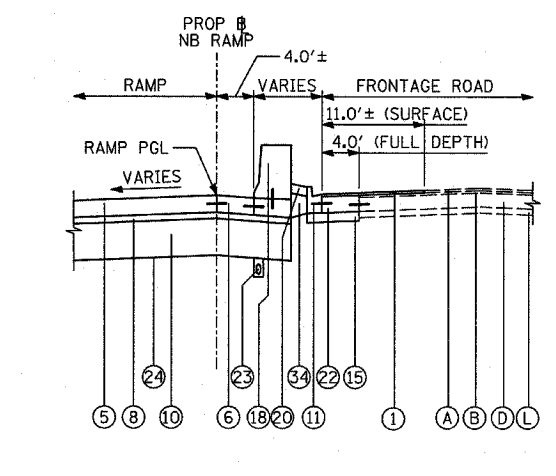
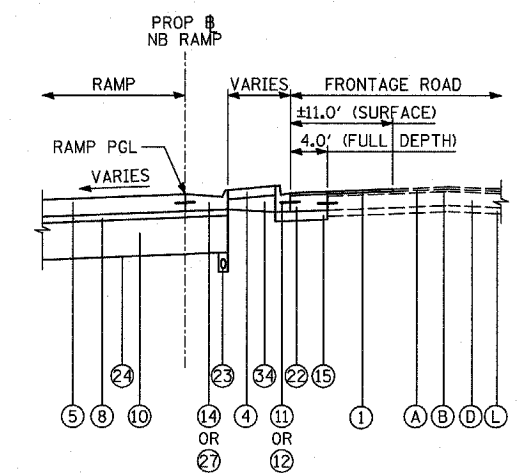
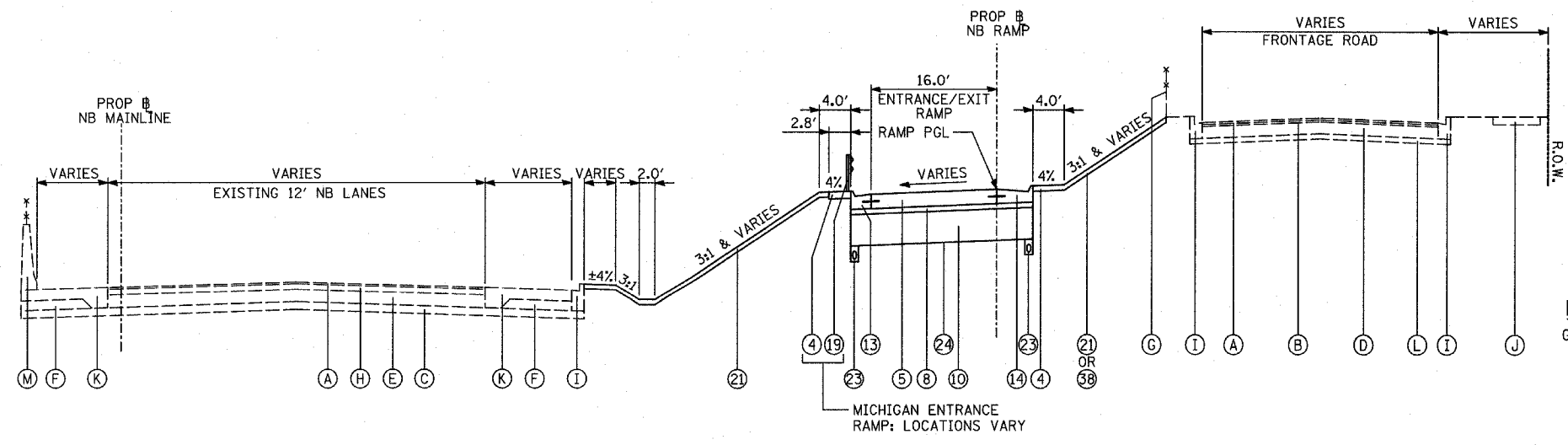
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING & PROPOSED TYPICAL SECTIONS  
 LEGEND AND MIX DESIGN TABLES

SCALE: NONE  
 DATE: MARCH 18, 2005  
 DRAWN BY: MFG  
 CHECKED BY: JPM



PROPOSED NB ENTRANCE/EXIT RAMP AT FRONTAGE ROAD TERMINAL WITH NO ADJACENT RETAINING WALL

PROPOSED NB ENTRANCE/EXIT RAMP DETAIL AT FRONTAGE ROAD TERMINAL WITH ADJACENT RETAINING WALL



PROPOSED NB ENTRANCE/EXIT RAMP DETAIL GORE WITHOUT CONCRETE BARRIER AT FRONTAGE ROAD TERMINAL

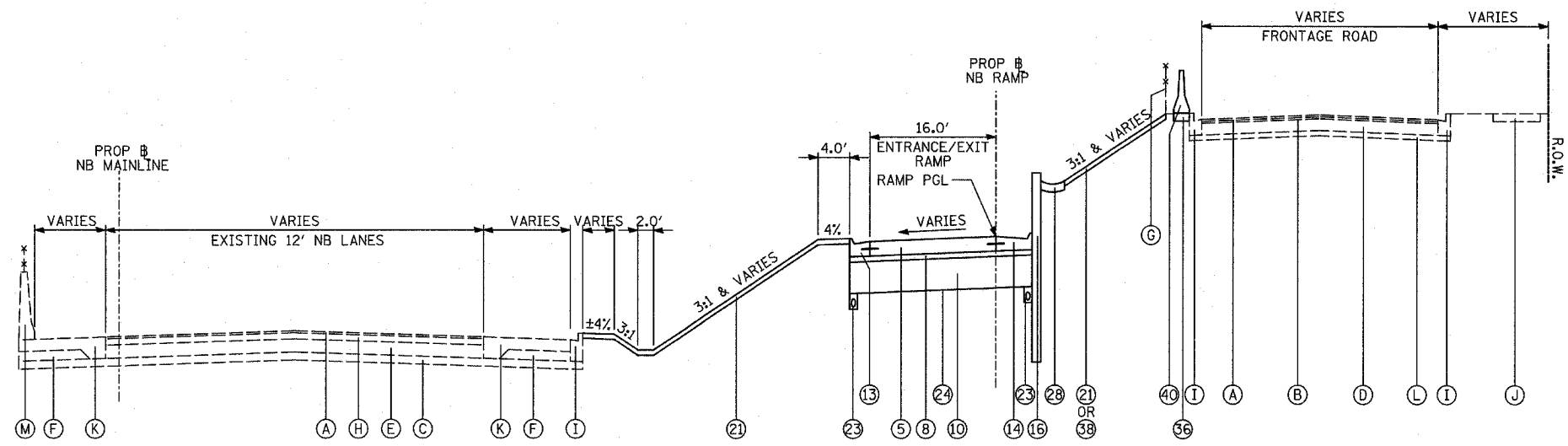
PROPOSED NB ENTRANCE/EXIT RAMP DETAIL GORE WITH CONCRETE BARRIER AT FRONTAGE ROAD TERMINAL

PROPOSED NB ENTRANCE/EXIT RAMP PROPOSED RAMP WITH NO ADJACENT RETAINING WALL

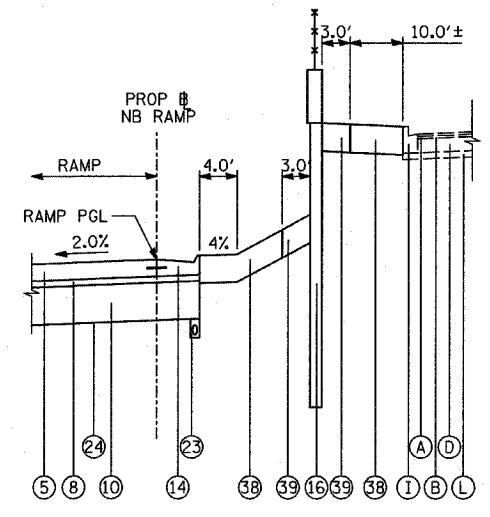
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING & PROPOSED TYPICAL SECTIONS  
 NB ENTRANCE/EXIT RAMP  
 (SHEET 1 OF 5)

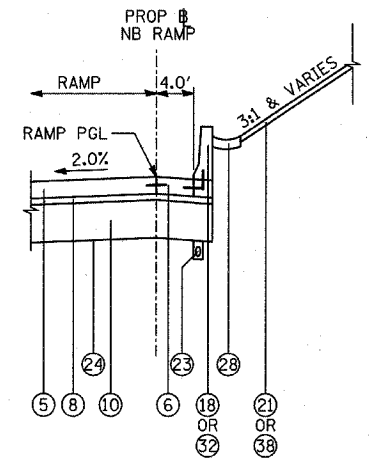
SCALE: NONE  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM



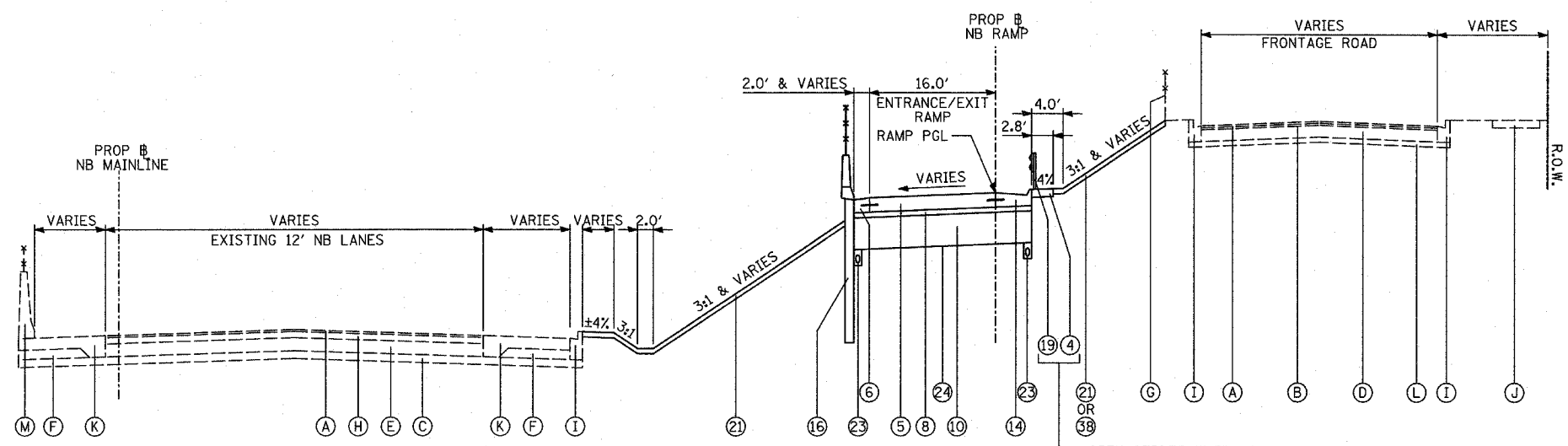
**PROPOSED NB ENTRANCE/EXIT RAMP**  
 PROPOSED RAMP WITH RETAINING WALL ON RIGHT SIDE  
 (ADJACENT TO BACK OF CURB)



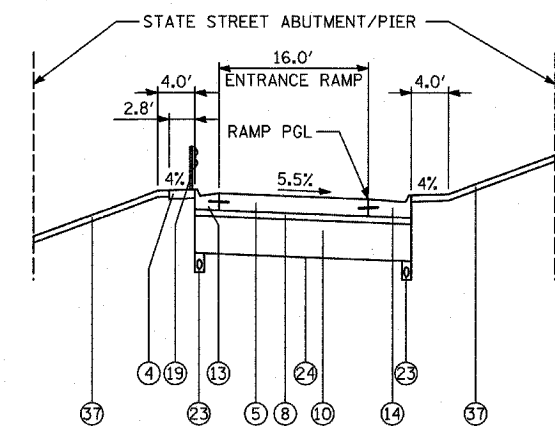
**PROPOSED NB ENTRANCE/EXIT RAMP DETAIL**  
 PROPOSED RAMP WITH RETAINING WALL ON RIGHT SIDE  
 (OFFSET FROM BACK OF CURB)



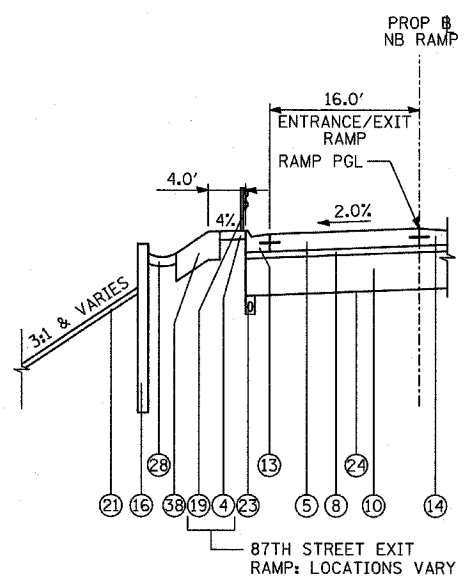
**PROPOSED NB ENTRANCE/EXIT RAMP DETAIL**  
 PROPOSED RAMP WITH CONCRETE BARRIER ON RIGHT SIDE  
 (ADJACENT TO BACK OF SHOULDER)



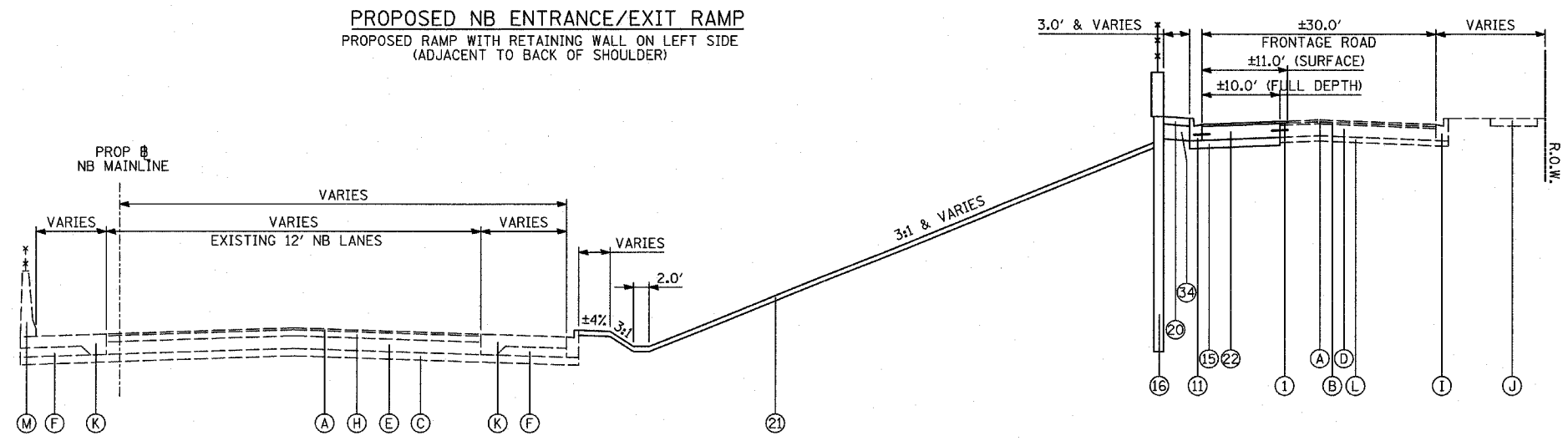
**PROPOSED NB ENTRANCE/EXIT RAMP**  
 PROPOSED RAMP WITH RETAINING WALL ON LEFT SIDE  
 (ADJACENT TO BACK OF SHOULDER)



**PROPOSED NB MICHIGAN AVENUE  
 ENTRANCE RAMP DETAIL**  
 UNDER STATE STREET BRIDGE



**PROPOSED NB ENTRANCE/EXIT RAMP DETAIL**  
 PROPOSED RAMP WITH RETAINING WALL ON LEFT SIDE  
 (OFFSET FROM BACK OF CURB)



**PROPOSED RETAINING WALL ADJACENT TO NB FRONTAGE ROAD**  
 NO PROPOSED RAMP WORK

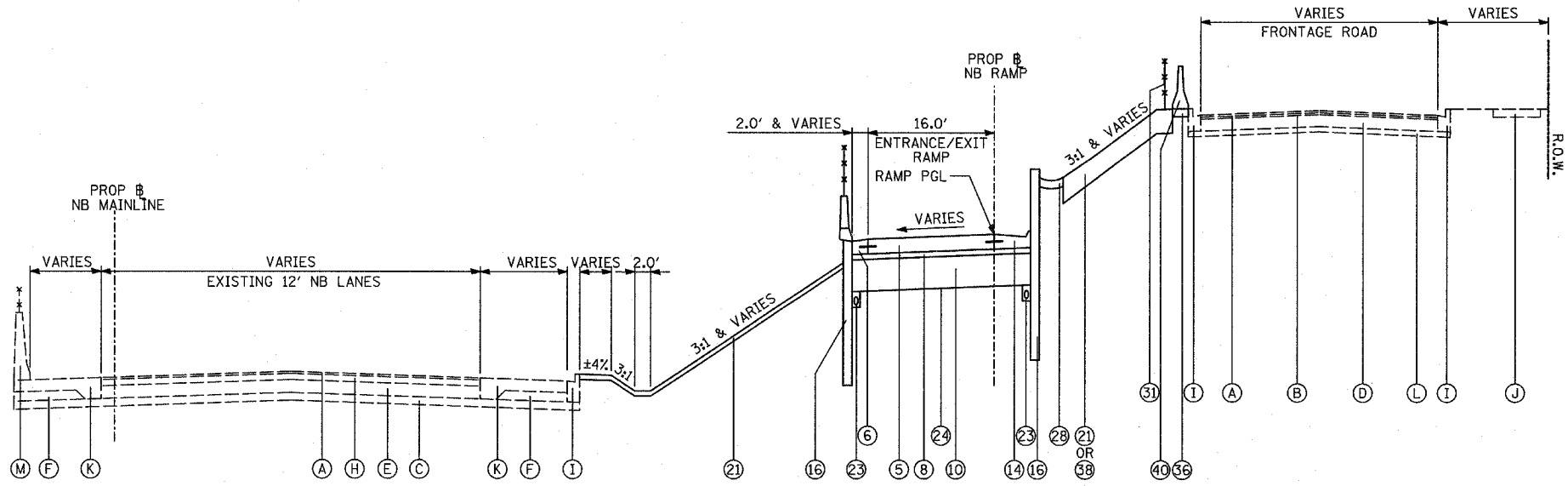
REVISIONS	
NAME	DATE

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

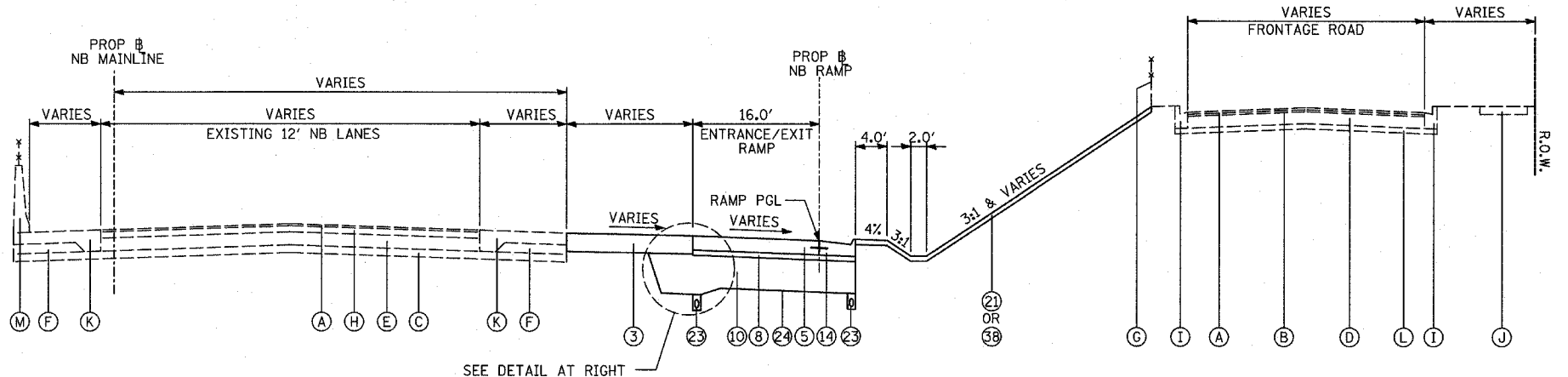
**PROPOSED TYPICAL SECTIONS  
 NB ENTRANCE/EXIT RAMP  
 (SHEET 2 OF 5)**

SCALE: NONE  
 DATE: MARCH 18, 2005

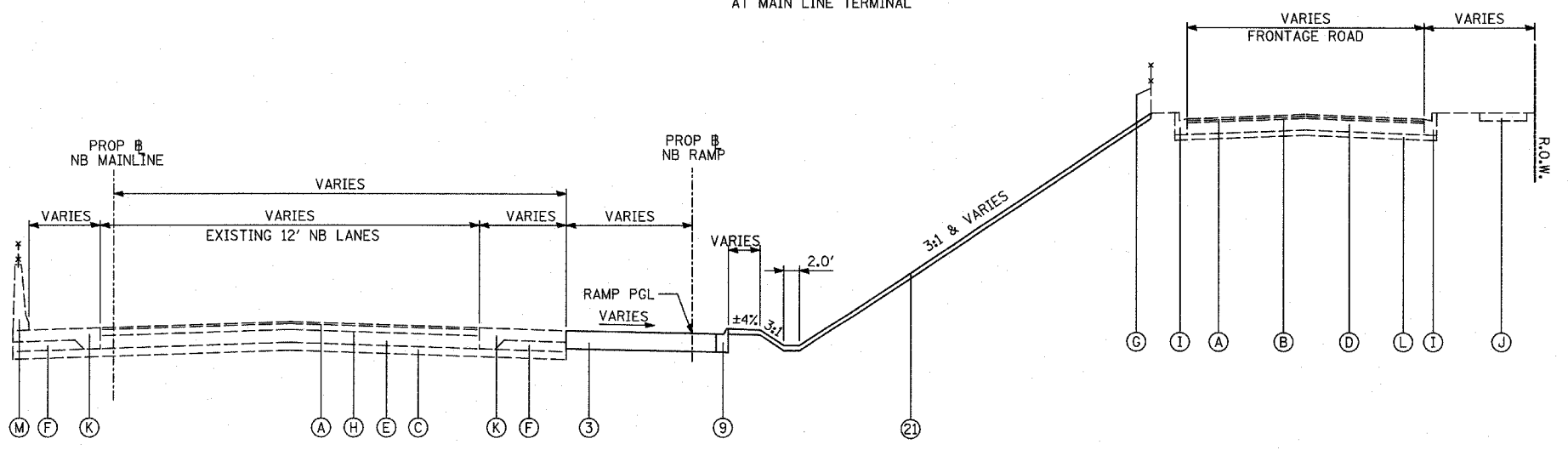
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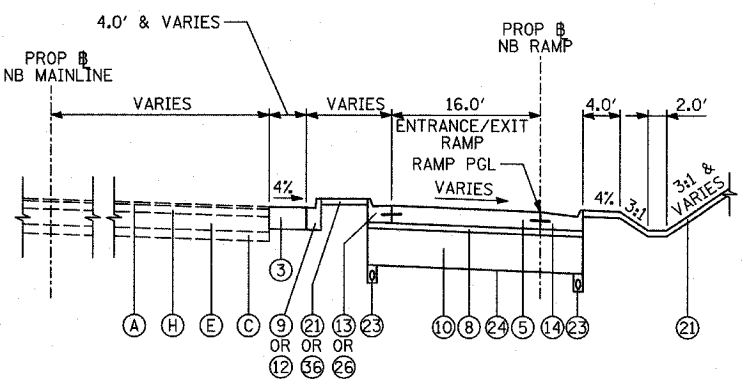
**PROPOSED NB ENTRANCE/EXIT RAMP**  
 PROPOSED RAMP WITH RETAINING WALL ON BOTH SIDES  
 (ADJACENT TO BACK OF SHOULDER/CURB)



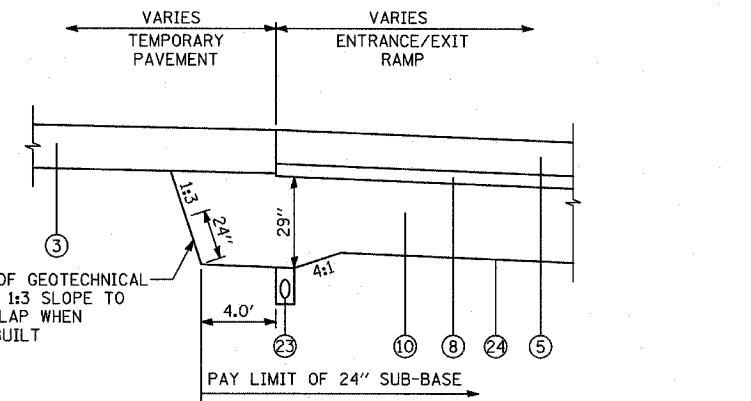
**PROPOSED NB ENTRANCE/EXIT RAMP**  
 AT MAIN LINE TERMINAL



**PROPOSED NB ENTRANCE/EXIT RAMP**  
 AT MAIN LINE TERMINAL



**PROPOSED NB ENTRANCE/EXIT RAMP DETAIL**  
 AT MAIN LINE TERMINAL



**SUBGRADE TRANSITION DETAIL**  
 RAMP PAVEMENT ADJACENT TO TEMPORARY PAVEMENT

NOTE: ADDITIONAL THICKNESS OF SUB-BASE GRANULAR MATERIAL SHALL BE INCLUDED IN THE COST OF SUB-BASE GRANULAR MATERIAL, TYPE B 24".

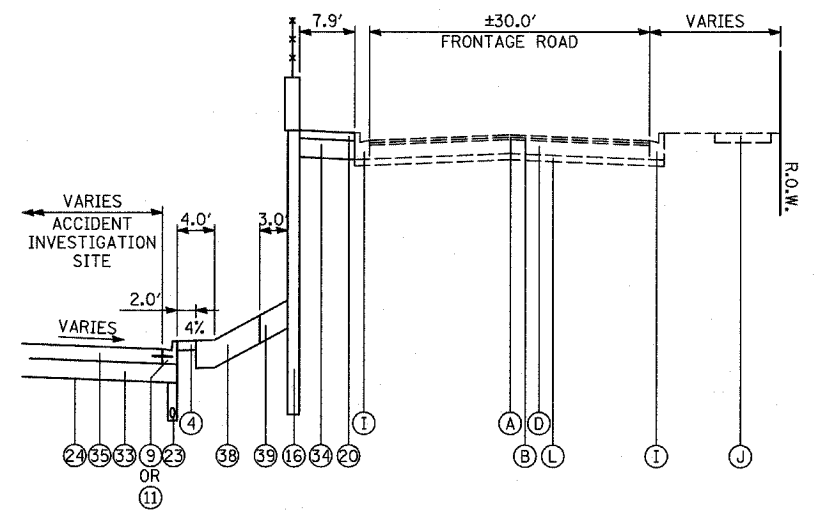
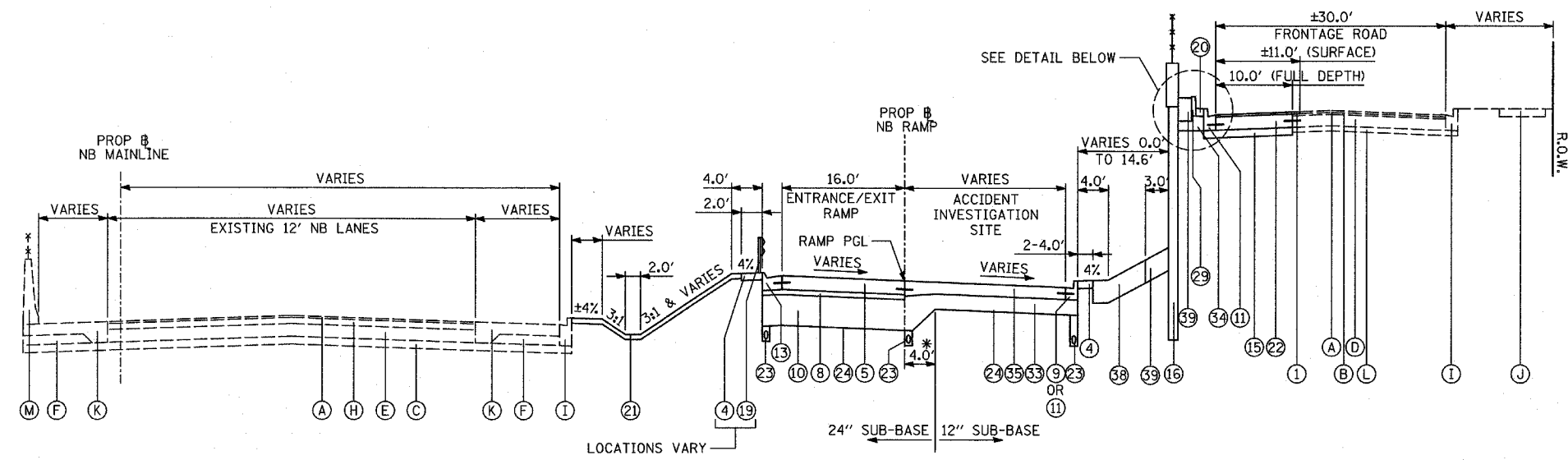
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NAME	DATE

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

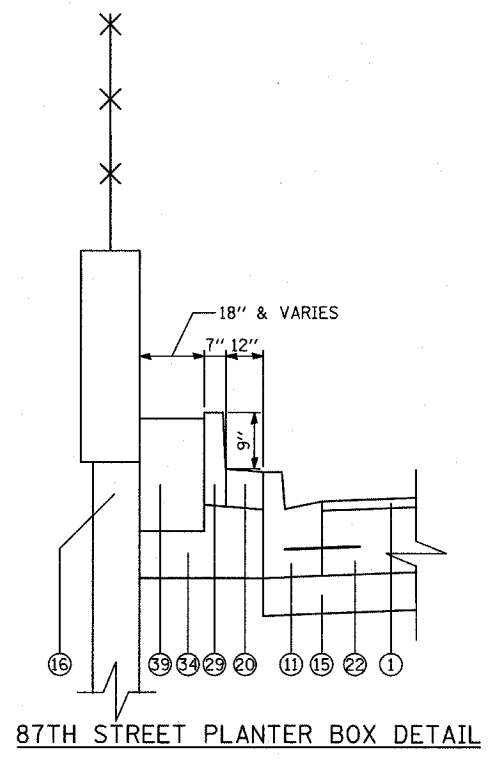
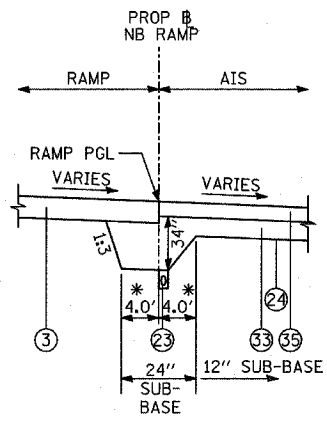
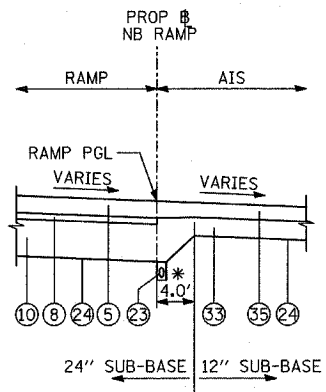
**PROPOSED TYPICAL SECTIONS**  
 NB ENTRANCE/EXIT RAMP  
 (SHEET 3 OF 5)

SCALE: NONE  
 DATE: MARCH 18, 2005  
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03/25/2005 10:27:41 AM



\* - ADDITIONAL THICKNESS OF SUB-BASE GRANULAR MATERIAL SHALL BE INCLUDED IN THE COST OF SUB-BASE GRANULAR MATERIAL, TYPE B 24".

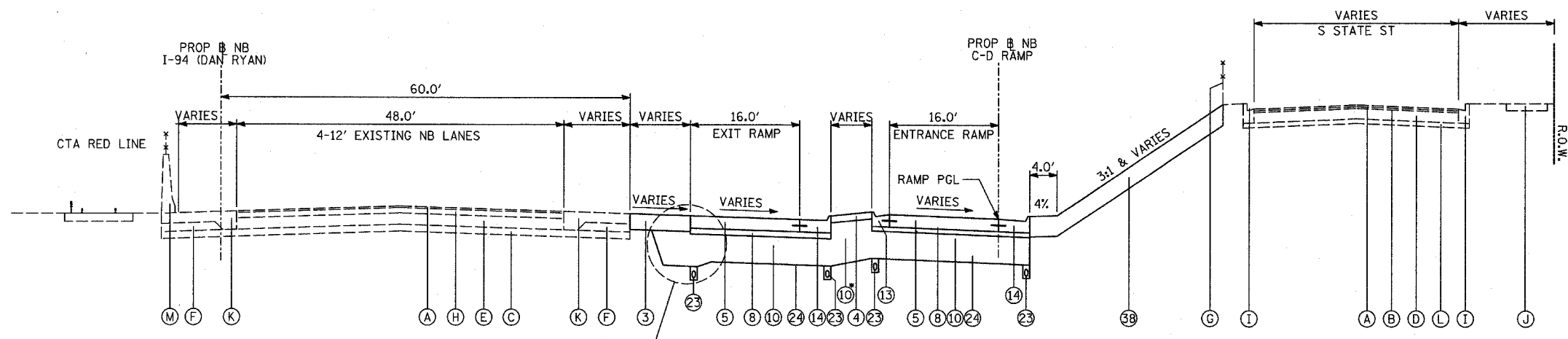


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NO.	DESCRIPTION		

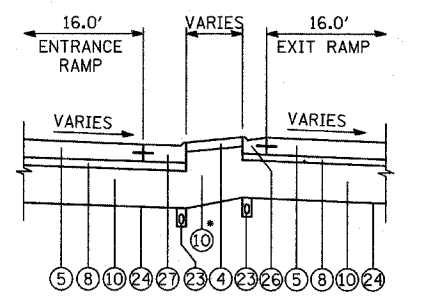
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

PROPOSED TYPICAL SECTIONS  
NB ENTRANCE/EXIT RAMPS WITH AIS  
(SHEET 4 OF 5)

SCALE: NONE      DRAWN BY: MPG  
DATE: MARCH 18, 2005      CHECKED BY: JPM

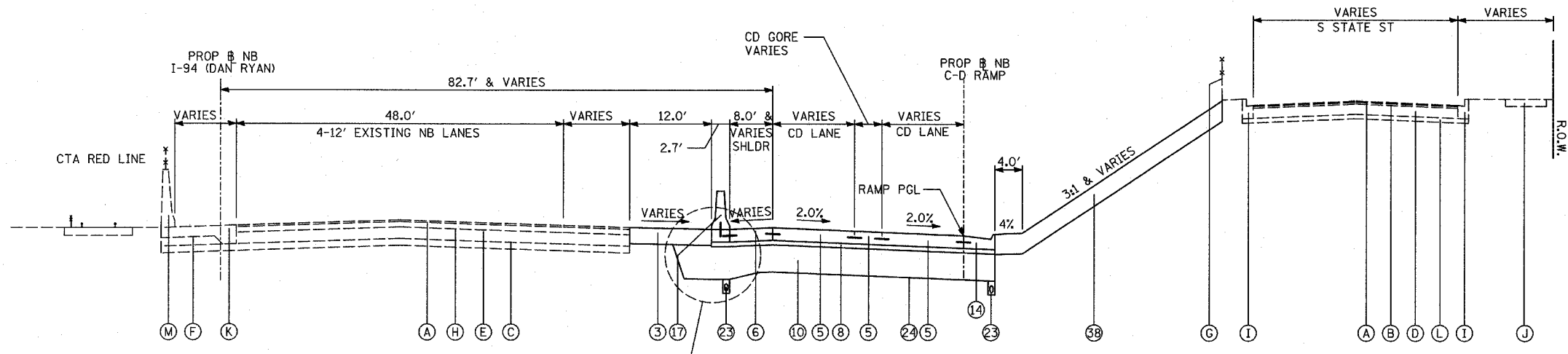


**PROPOSED NB C-D RAMPS**  
C-D RAMP GORE UPSTREAM OF C-D CROSSOVER

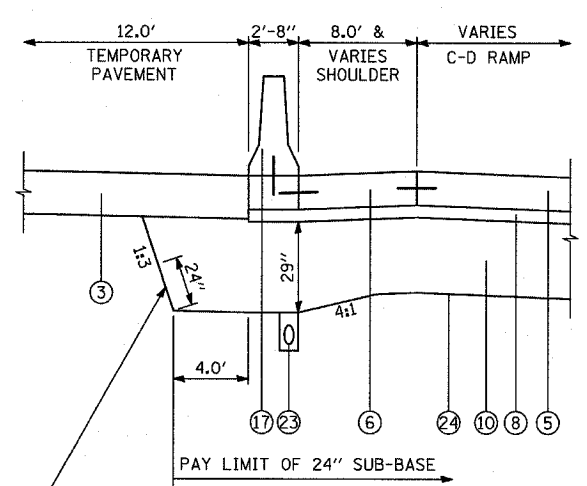


**PROPOSED NB C-D RAMPS DETAIL**  
C-D RAMP GORE DOWNSTREAM OF C-D CROSSOVER

ADDITIONAL THICKNESS OF SUB-BASE GRANULAR MATERIAL SHALL BE INCLUDED IN THE COST OF SUB-BASE GRANULAR MATERIAL, TYPE B 24".



**PROPOSED NB C-D RAMPS**  
C-D RAMP CROSSOVER

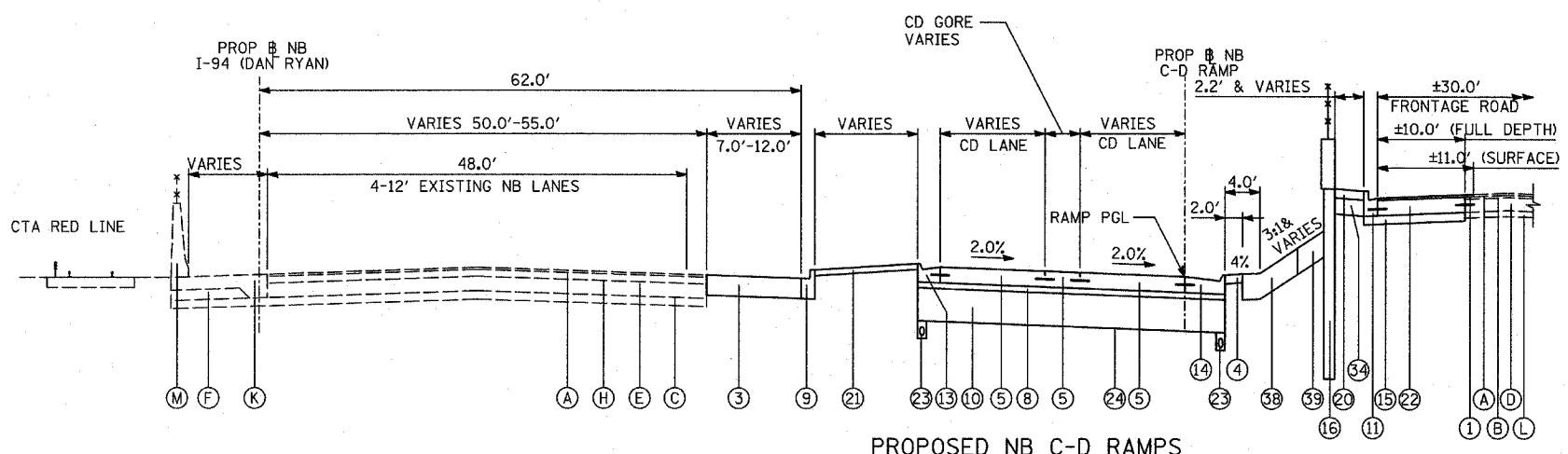


**SUBGRADE TRANSITION DETAIL**

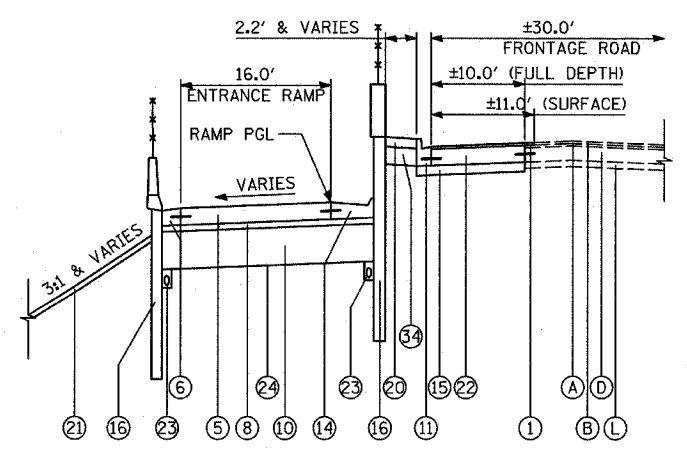
PROVIDE 24" OF GEOTECHNICAL FABRIC ALONG 1:3 SLOPE TO PROVIDE OVERLAP WHEN MAINLINE IS BUILT

UNDER BARRIER WALL BETWEEN TEMPORARY PAVEMENT AND C-D RAMP (SEE STANDARD DETAILS FOR CONCRETE BARRIER, DOUBLE FACE, 32")

NOTE: ADDITIONAL THICKNESS OF SUB-BASE GRANULAR MATERIAL SHALL BE INCLUDED IN THE COST OF SUB-BASE GRANULAR MATERIAL, TYPE B 24".



**PROPOSED NB C-D RAMPS**  
79TH-76TH C-D RAMP CROSSOVER



**PROPOSED NB C-D RAMPS DETAIL**  
79TH-76TH C-D ENTRANCE RAMP

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
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**PROPOSED TYPICAL SECTIONS**  
NB ENTRANCE/EXIT C-D RAMPS  
(SHEET 5 OF 5)

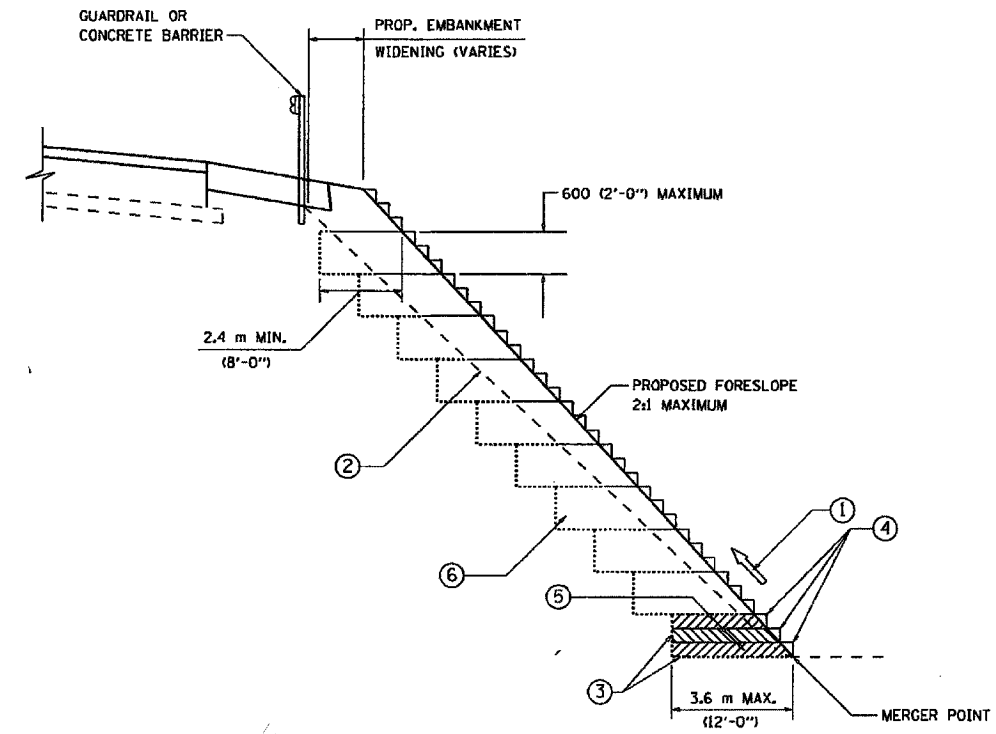
SCALE: NONE  
DATE: MARCH 18, 2005

DRAWN BY: MPG  
CHECKED BY: JPM



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	22A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62694



**TYPICAL BENCHING DETAIL  
FOR EMBANKMENT**

**NOTES:**

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 200 (8-INCH) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5)

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

REVISIONS	
NAME	DATE

**BENCHING DETAIL  
FOR EMBANKMENT  
WIDENING**

SCALE: VERT. 1:1  
HORIZ. 1:1  
DATE 3/16/2005

DRAWN BY: CADD  
CHECKED BY: S.E.B.



TREE REMOVAL (6 TO 15 UNITS)

LOCATION				TREE REMOV 6-15 (UNIT)
RAMP/WALL	ALIGNMENT	STATION	OFFSET	
HAL ENT	NB I-57	192+90.3	58.4	12
HAL ENT	NB I-57	193+00.1	35.4	12
HAL ENT	NB I-57	193+11.0	66.4	15
HAL ENT	NB I-57	193+12.6	67.9	15
HAL ENT	NB I-57	193+39.9	66.5	10
HAL ENT	NB I-57	193+48.6	54.1	10
HAL ENT	NB I-57	193+52.8	40.3	6
HAL ENT	NB I-57	193+56.0	66.9	8
HAL ENT	NB I-57	193+64.9	51.9	6
HAL ENT	NB I-57	193+67.0	45.2	6
HAL ENT	NB I-57	193+68.2	41.3	15
HAL ENT	NB I-57	193+72.1	50.3	6
HAL ENT	NB I-57	193+78.6	59.1	6
HAL ENT	NB I-57	193+84.3	48.6	6
HAL ENT	NB I-57	193+84.9	58.6	6
HAL ENT	NB I-57	193+91.0	55.8	12
HAL ENT	NB I-57	193+97.0	61.4	8
HAL ENT	NB I-57	194+02.0	52.5	12
HAL ENT	NB I-57	194+07.8	68.4	6
HAL ENT	NB I-57	194+11.8	55.7	8
HAL ENT	NB I-57	194+18.5	50.4	7
HAL ENT	NB I-57	194+18.6	50.4	8
HAL ENT	NB I-57	194+19.0	54.3	8
HAL ENT	NB I-57	194+20.0	51.2	10
HAL ENT	NB I-57	194+21.3	49.7	6
HAL ENT	NB I-57	194+22.7	50.3	8
HAL ENT	NB I-57	194+52.4	64.4	8
HAL ENT	NB I-57	194+55.4	62.4	10
HAL ENT	NB I-57	194+58.2	40.8	6
HAL ENT	NB I-57	194+60.4	41.2	6
HAL ENT	NB I-57	194+77.3	60.6	6
HAL ENT	NB I-57	194+91.5	57.6	8
HAL ENT	NB I-57	195+11.9	56.2	8
HAL ENT	NB I-57	195+16.0	55.6	8
HAL ENT	NB I-57	195+50.0	49.8	8
HAL ENT	NB I-57	195+56.5	36.3	12
HAL ENT	NB I-57	196+36.6	43.5	10
HAL ENT	NB I-57	196+50.6	76.8	6
HAL ENT	NB I-57	196+68.8	76.9	6
HAL ENT	NB I-57	196+75.5	77.6	10
HAL ENT	NB I-57	196+77.0	77.7	10
HAL ENT	NB I-57	197+02.0	77.0	12
HAL ENT	NB I-57	197+03.2	77.2	8
HAL ENT	NB I-57	197+11.1	77.1	8
MICH ENT	NB I-94	2023+08.3	195.3	10
MICH ENT	NB I-94	2023+15.1	196.1	6
MICH ENT	NB I-94	2023+30.0	196.0	10
MICH ENT	NB I-94	2023+53.9	195.1	6
MICH ENT	NB I-94	2024+06.3	188.1	12
MICH ENT	NB I-94	2024+11.4	187.6	9
MICH ENT	NB I-94	2024+19.7	185.4	10
MICH ENT	NB I-94	2024+34.4	183.4	6
MICH ENT	NB I-94	2024+43.4	181.9	10
MICH ENT	NB I-94	2024+83.4	172.5	6
MICH ENT	NB I-94	2024+90.7	171.0	6
MICH ENT	NB I-94	2028+18.0	79.4	6
95TH ENT	NB I-94	2210+64.2	101.0	12
95TH ENT	NB I-94	2212+20.7	93.8	10
95TH ENT	NB I-94	2212+55.7	94.2	8
95TH ENT	NB I-94	2212+65.5	93.8	9
95TH ENT	NB I-94	2216+76.0	124.9	14
95TH ENT	NB I-94	2220+50.4	125.4	10
WALL 3	NB I-94	2234+35.6	89.4	6
WALL 3	NB I-94	2234+46.7	88.1	6
WALL 3	NB I-94	2234+81.0	87.6	11
HMLT 600P2	NB I-94	2235+51.8	79.5	12
HMLT 600P2	NB I-94	2235+57.9	92.2	9
HMLT 600P2	NB I-94	2235+59.1	79.0	10
87TH EXIT	NB I-94	2241+52.0	98.6	10
87TH EXIT	NB I-94	2242+87.9	122.4	12
87TH EXIT	NB I-94	2242+87.9	122.4	6
87TH ENT	NB I-94	2260+46.4	89.9	15
87TH ENT	NB I-94	2261+26.6	111.3	8

TREE REMOVAL (6 TO 15 UNITS)

LOCATION				TREE REMOV 6-15 (UNIT)
RAMP/WALL	ALIGNMENT	STATION	OFFSET	
87TH ENT	NB I-94	2261+36.4	112.2	9
87TH ENT	NB I-94	2261+53.9	110.3	12
87TH ENT	NB I-94	2261+84.4	112.1	7
87TH ENT	NB I-94	2262+13.9	111.9	8
87TH ENT	NB I-94	2276+16.8	110.5	12
87TH ENT	NB I-94	2276+56.1	98.3	13
87TH ENT	NB I-94	2276+65.5	109.7	15
87TH ENT	NB I-94	2277+09.1	107.8	14
87TH ENT	NB I-94	2277+59.5	93.7	14
87TH ENT	NB I-94	2277+83.6	108.9	14
79-76 C-D	NB I-94	2313+61.4	102.1	15
79-76 C-D	NB I-94	2313+63.5	84.0	15
79-76 C-D	NB I-94	2313+80.8	87.9	14
79-76 C-D	NB I-94	2314+54.7	98.9	10
79-76 C-D	NB I-94	2319+16.5	115.3	14
79-76 C-D	NB I-94	2319+42.2	111.2	13
79-76 C-D	NB I-94	2321+75.9	106.0	15
79-76 C-D	NB I-94	2322+00.6	112.7	11
79-76 C-D	NB I-94	2322+50.2	139.4	10
79-76 C-D	NB I-94	2323+44.2	109.6	10
79-76 C-D	NB I-94	2323+55.6	122.6	8
79-76 C-D	NB I-94	2323+55.6	122.6	10
79-76 C-D	NB I-94	2323+69.6	114.4	14
79-76 C-D	NB I-94	2323+85.7	124.6	10
79-76 C-D	NB I-94	2323+91.4	114.4	12
79-76 C-D	NB I-94	2324+01.5	132.3	14
79-76 C-D	NB I-94	2324+64.7	138.5	14
79-76 C-D	NB I-94	2325+15.5	130.6	10
79-76 C-D	NB I-94	2325+65.0	150.1	14
79-76 C-D	NB I-94	2328+33.0	129.3	10
79-76 C-D	NB I-94	2328+62.5	127.1	13
79-76 C-D	NB I-94	2328+75.7	132.4	9
79-76 C-D	NB I-94	2329+17.0	137.2	12
79-76 C-D	NB I-94	2329+33.0	126.7	6
79-76 C-D	NB I-94	2330+07.3	125.4	13
79-76 C-D	NB I-94	2331+25.9	134.7	7
79-76 C-D	NB I-94	2331+37.7	142.1	12
79-76 C-D	NB I-94	2331+40.0	136.7	10
79-76 C-D	NB I-94	2331+44.3	133.8	12
79-76 C-D	NB I-94	2331+68.5	117.4	12
79-76 C-D	NB I-94	2331+72.5	125.8	15
79-76 C-D	NB I-94	2332+05.2	126.7	15
79-76 C-D	NB I-94	2332+05.4	105.8	14
79-76 C-D	NB I-94	2333+07.2	118.7	14
75-71 C-D	NB I-94	2341+04.8	127.9	15
75-71 C-D	NB I-94	2341+62.1	126.8	12
75-71 C-D	NB I-94	2342+60.4	126.9	13
75-71 C-D	NB I-94	2342+67.5	96.4	10
75-71 C-D	NB I-94	2343+04.1	111.6	10
75-71 C-D	NB I-94	2349+47.2	129.8	13
75-71 C-D	NB I-94	2349+63.0	110.6	12
75-71 C-D	NB I-94	2349+84.1	136.4	14
75-71 C-D	NB I-94	2350+18.3	138.2	15
75-71 C-D	NB I-94	2350+69.9	151.8	13
75-71 C-D	NB I-94	2350+92.4	119.4	13
75-71 C-D	NB I-94	2350+96.4	150.5	12
75-71 C-D	NB I-94	2350+96.4	150.5	13
75-71 C-D	NB I-94	2351+76.7	114.1	14
75-71 C-D	NB I-94	2352+10.2	122.9	14
75-71 C-D	NB I-94	2352+29.9	150.6	13
75-71 C-D	NB I-94	2352+37.5	106.0	11
75-71 C-D	NB I-94	2353+15.9	115.8	7
75-71 C-D	NB I-94	2353+20.9	131.8	6
75-71 C-D	NB I-94	2353+20.9	131.8	8
75-71 C-D	NB I-94	2353+67.2	117.9	8
75-71 C-D	NB I-94	2353+68.0	153.8	14
75-71 C-D	NB I-94	2353+69.5	139.1	14
75-71 C-D	NB I-94	2353+89.7	141.2	13
75-71 C-D	NB I-94	2354+07.5	151.9	6
75-71 C-D	NB I-94	2356+48.0	149.4	7
75-71 C-D	NB I-94	2356+48.0	149.4	8
75-71 C-D	NB I-94	2356+48.0	149.4	7
75-71 C-D	NB I-94	2361+55.2	146.6	11
75-71 C-D	NB I-94	2361+91.1	128.6	13
TOTAL (6-15 UNITS)				1511

TREE REMOVAL (OVER 15 UNITS)

LOCATION				TREE REMOV OVER 15 (UNIT)
RAMP/WALL	ALIGNMENT	STATION	OFFSET	
HAL ENT	NB I-57	19318.72	46.5	16
HAL ENT	NB I-57	19382.13	68.0	18
95TH ENT	NB I-94	221705.11	125.5	18
95TH ENT	NB I-94	222024.62	125.3	18
WALL 3	NB I-94	223432.12	97.8	22
WALL 3	NB I-94	223455.16	95.1	18
WALL 3	NB I-94	223489.65	90.7	18
87TH EXIT	NB I-94	224024.70	103.1	19
87TH EXIT	NB I-94	224125.03	106.8	19
87TH ENT	NB I-94	227375.11	103.3	20
87TH ENT	NB I-94	227530.75	105.5	26
87TH ENT	NB I-94	227640.47	108.5	18
87TH ENT	NB I-94	227694.82	104.0	16
87TH ENT	NB I-94	227741.84	108.1	18
79-76 C-D	NB I-94	233333.63	126.1	18
79-76 C-D	NB I-94	233386.53	121.9	16
75-71 C-D	NB I-94	233976.85	135.1	18
75-71 C-D	NB I-94	234588.57	140.1	17
75-71 C-D	NB I-94	234612.37	145.0	16
75-71 C-D	NB I-94	235308.93	136.0	17
75-71 C-D	NB I-94	235344.56	140.0	18
75-71 C-D	NB I-94	235401.25	123.3	16
TOTAL (>15 UNITS)				400

SLOPE WALL REMOVAL

RAMP/WALL	ALIGNMENT	OFFSET	FROM STATION	TO STATION	PAVED SHLD REMOVAL (SQ YD)	
MICHIGAN ENTRANCE	NB I-94	RT	2029+34.8	2030+33.2	146	
					1000-2A TOTAL	
					J000-2A TOTAL	146
					TOTAL	146

GUARDRAIL REMOVAL

RAMP/WALL	ALIGNMENT	FROM		TO		GUARDRAIL REMOV (FOOT)	
		STATION	OFFSET	STATION	OFFSET		
MICHIGAN ENTRANCE	NB I-94	2026+25.7	140.1 RT	2030+35.8	48.5 RT	402	
95TH ENTRANCE	NB I-94	2212+58.9	127.4 RT	2213+08.9	127.3 RT	50	
87TH EXIT	NB I-94	2242+47.0	123.8 RT	2242+98.5	124.0 RT	52	
87TH EXIT	NB I-94	2245+91.1	128.0 RT	2246+30.2	128.5 RT	40	
87TH EXIT	NB I-94	2252+57.7	108.9 RT	2253+09.0	108.8 RT	52	
87TH ENTRANCE	NB I-94	2265+88.1	122.9 RT	2266+39.4	122.4 RT	52	
79TH-76TH C-D	NB I-94	2318+98.0	125.2 RT	2319+48.9	127.2 RT	52	
79TH-76TH C-D	NB I-94	2325+62.7	163.6 RT	2326+13.8	166.3 RT	51	
75TH-71ST C-D	NB I-94	2341+48.6	154.5 RT	2341+74.6	154.0 RT	27	
75TH-71ST C-D	NB I-94	2352+29.4	159.0 RT	2352+79.4	159.2 RT	50	
						1000-2A TOTAL	426
						J000-2A TOTAL	402
						TOTAL	828

CONCRETE BARRIER REMOVAL

RAMP/WALL	ALIGNMENT	FROM		TO		CONC BARRIER REMOV (FOOT)
		STATION	OFFSET	STATION	OFFSET	
JUNC. CHAMBER #61	NB I-57	205+08.0	52.4 LT	205+28.0	52.4 LT	20
OVERHEAD SIGN FDN	NB I-57	215+18.7	45.4 LT	215+79.4	45.5 LT	61
JUNC. CHAMBER #62	NB I-57	216+28.3	10.5 RT	216+48.3	10.5 RT	20
OVERHEAD SIGN FDN	NB I-57	227+08.5	43.9 LT	227+59.7	43.6 LT	50
OVERHEAD SIGN FDN	NB I-94	2204+40.6	9.0 LT	2205+01.4	8.8 LT	61
87TH EXIT	NB I-94	2238+49.7	64.0 RT	2240+08.2	62.9 RT	159
OVERHEAD SIGN FDN	NB I-94	2242+50.0	7.1 LT	2243+00.0	7.0 LT	50
OVERHEAD SIGN FDN	NB I-94	2263+98.6	7.2 LT	2264+59.4	7.0 LT	61
OVERHEAD SIGN FDN	NB I-94	2282+22.0	8.7 LT	2282+72.0	8.6 LT	50
OVERHEAD SIGN FDN	NB I-94	2290+70.0	8.0 LT	2291+20.0	8.3 LT	50
79TH-76TH C-D	NB I-94	2322+33.6	58.6 RT	2322+83.0	52.4 RT	50
79TH-76TH C-D	NB I-94					











**COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.12**

RAMP/WALL	ALIGNMENT	FROM		TO		COMB CC&G TM4.12 (FOOT)	PROTECTIVE COAT (SQ YD)
		STATION	OFFSET	STATION	OFFSET		
HALSTED ENTRANCE	NB I-57	199+44.9	5.0 RT	200+58.0	16.0 RT	125.5	24
HALSTED ENTRANCE	NB I-57	203+53.1	26.3 RT	204+47.1	22.7 RT	94.0	18
MICHIGAN ENTRANCE	MICH ENT	8767+28.6	18.0 LT	8767+34.9	23.8 LT	12.5	2
MICHIGAN ENTRANCE	NB I-94	2034+13.6	50.3 RT	2039+89.5	26.5 RT	564.0	108
95TH ENTRANCE	NB I-94	2216+00.5	62.8 RT	2219+11.7	76.0 RT	335.0	64
95TH ENTRANCE	NB I-94	2223+48.8	86.3 RT	2229+81.4	62.0 RT	633.0	121
87TH EXIT	NB I-94	2238+49.7	65.2 RT	2242+45.8	82.8 RT	397.0	76
87TH ENTRANCE	NB I-94	2267+01.8	61.9 RT	2269+48.1	76.0 RT	270.0	52
87TH ENTRANCE	NB I-94	2272+62.0	86.3 RT	2279+00.9	61.8 RT	639.5	123
87TH EXIT AIS	87TH EXIT	8723+07.3	4.0 RT	8724+24.4	38.4 RT	123.5	24
87TH EXIT AIS	87TH EXIT	8726+69.1	23.5 RT	8727+66.4	4.0 RT	99.5	19
79TH-76TH C-D	NB I-94	2315+21.4	59.0 RT	2318+28.0	86.3 RT	310.0	59
79TH-76TH C-D	NB I-94	2319+09.6	63.0 RT	2333+32.9	63.0 RT	1420.5	272
79TH-76TH C-D	NB I-94	2333+76.9	86.3 RT	2336+95.6	60.3 RT	320.0	61
75TH-71ST C-D	NB I-94	2341+11.2	60.7 RT	2345+80.7	86.3 RT	470.5	90
75TH-71ST C-D AIS	75-71 C-D	8408+49.9	4.0 RT	8409+56.0	33.0 RT	110.0	21
75TH-71ST C-D AIS	75-71 C-D	8412+55.9	23.0 RT	8413+50.8	4.0 RT	97.0	19
75TH-71ST C-D	NB I-94	2357+00.0	86.3 RT	2360+57.5	72.6 RT	358.0	69
I000-2A TOTAL							
J000-2A TOTAL						6379.5	1223
TOTAL						6379.5	1223

**COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.24 (VARIABLE WIDTH GUTTER FLAG)**

RAMP/WALL	ALIGNMENT	FROM		TO		COMB CC&G TM4.24 VWGF (FOOT)	PROTECTIVE COAT (SQ YD)
		STATION	OFFSET	STATION	OFFSET		
HALSTED ENTRANCE	HAL ENT	8798+29.8	4.1 LT	8798+41.9	5.0 LT	12.5	3
MICHIGAN ENTRANCE	MICH ENT	8758+91.4	0.9 LT	8759+15.7	2.4 LT	24.5	6
87TH EXIT	87TH EXIT	8731+20.0	18.4 LT	8731+75.9	19.6 LT	55.0	14
87TH ENTRANCE	87TH ENT	8698+72.9	11.0 LT	8698+91.2	12.0 LT	18.5	5
79TH-76TH C-D	79-76 C-D	8815+58.7	18.0 LT	8816+22.3	17.0 LT	63.0	16
75TH-71ST C-D	75-71 C-D	8398+27.0	1.0 LT	8398+37.0	2.0 LT	10.5	3
75TH-71ST C-D	75-71 C-D	8419+64.3	2.0 LT	8420+19.0	1.0 LT	55.0	14
I000-2A TOTAL						176.0	44
J000-2A TOTAL						63.0	16
TOTAL						239.0	59

**COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.48**

RAMP/WALL	ALIGNMENT	FROM		TO		COMB CC&G TM4.48 (FOOT)	PROTECTIVE COAT (SQ YD)
		STATION	OFFSET	STATION	OFFSET		
HALSTED ENTRANCE	HAL ENT	8806+07.7	4.0 RT	8808+60.9	4.0 RT	253.0	133
MICHIGAN ENTRANCE	MICH ENT	8760+56.2	4.0 RT	8769+46.3	4.0 RT	887.5	466
95TH ENTRANCE	95TH ENT	8741+61.9	4.0 RT	8752+65.6	4.0 RT	1103.5	579
87TH EXIT	87TH EXIT	8727+66.4	4.0 RT	8730+10.1	8.0 RT	250.0	131
87TH ENTRANCE	87TH ENT	8703+26.2	4.0 RT	8709+66.3	4.0 RT	640.0	336
79TH-76TH C-D	79-76 C-D	8803+60.0	2.0 RT	8816+16.2	8.0 RT	1262.5	663
79TH-76TH C-D	7976 EX-CON	9470+37.9	20.0 RT	9472+35.1	22.0 RT	200.5	105
79TH-76TH C-D	7976 ENT-CON	9482+47.1	20.0 RT	9484+17.5	20.0 RT	171.0	90
79TH-76TH C-D	7976 ENT-CON	9487+09.1	20.0 RT	9488+81.9	20.0 RT	172.5	91
75TH-71ST C-D	75-71 C-D	8405+79.3	4.0 RT	8408+49.9	4.0 RT	270.5	142
75TH-71ST C-D	75-71 C-D	8413+50.8	4.0 RT	8416+99.3	8.0 RT	354.5	186
75TH-71ST C-D	7571 EX-CON	9404+00.0	20.0 RT	9405+52.8	24.0 RT	159.0	83
75TH-71ST C-D	7571 ENT-CON	9412+75.1	20.0 RT	9414+83.8	20.0 RT	209.0	110
I000-2A TOTAL							
J000-2A TOTAL						5933.5	3115
TOTAL						5933.5	3115

**COMBINATION CONCRETE CURB & GUTTER, TYPE M-4.24**

RAMP/WALL	ALIGNMENT	FROM		TO		COMB CC&G TM4.24 (FOOT)	PROTECTIVE COAT (SQ YD)
		STATION	OFFSET	STATION	OFFSET		
HALSTED ENTRANCE	HAL ENT	8798+41.9	5.0 LT	8800+40.8	18.0 LT	198.0	60
HALSTED ENTRANCE	HAL ENT	8800+40.8	18.0 LT	8805+67.0	18.0 LT	526.5	159
MICHIGAN ENTRANCE	MICH ENT	8759+15.7	2.4 LT	8760+25.2	18.0 LT	107.5	33
MICHIGAN ENTRANCE	MICH ENT	8760+25.2	18.0 LT	8767+28.6	18.0 LT	713.0	216
95TH ENTRANCE	95TH ENT	8739+58.3	17.6 LT	8741+17.2	18.0 LT	157.5	48
95TH ENTRANCE	95TH ENT	8741+17.2	18.0 LT	8742+21.6	18.0 LT	105.0	32
95TH ENTRANCE	95TH ENT	8745+55.0	18.0 LT	8748+29.0	18.0 LT	274.5	83
87TH EXIT	87TH EXIT	8726+08.3	18.0 LT	8730+15.9	18.0 LT	408.0	124
87TH EXIT	87TH EXIT	8730+15.9	18.0 LT	8731+20.0	18.4 LT	104.5	32
87TH ENTRANCE	87TH ENT	8698+91.2	12.0 LT	8699+37.9	14.6 LT	47.0	14
87TH ENTRANCE	87TH ENT	8703+99.6	18.0 LT	8706+53.2	18.0 LT	254.0	77
79TH-76TH C-D	79-76 C-D	8806+92.6	18.0 LT	8807+23.5	18.0 LT	31.0	9
79TH-76TH C-D	79-76 C-D	8814+37.1	18.0 LT	8815+58.7	18.0 LT	122.0	37
79TH-76TH C-D	7976 EX-CON	9472+20.5	2.0 LT	9488+39.4	6.0 LT	1326.0	401
75TH-71ST C-D	75-71 C-D	8398+37.0	2.0 LT	8400+85.3	18.0 LT	247.5	75
75TH-71ST C-D	75-71 C-D	8400+85.3	18.0 LT	8405+52.9	18.0 LT	469.0	142
75TH-71ST C-D	75-71 C-D	8413+10.4	18.0 LT	8417+05.0	18.0 LT	396.5	120
75TH-71ST C-D	75-71 C-D	8417+05.0	18.0 LT	8419+64.3	2.0 LT	258.0	78
I000-2A TOTAL						1120.0	339
J000-2A TOTAL						4625.5	1400
TOTAL						5745.5	1740

**COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.48**

RAMP/WALL	ALIGNMENT	FROM		TO		COMB CC&G TM2.48 (FOOT)	PROTECTIVE COAT (SQ YD)
		STATION	OFFSET	STATION	OFFSET		
MICHIGAN ENTRANCE	MICH ENT	8760+30.6	7.9 RT	8760+56.2	4.0 RT	31.0	16
95TH ENTRANCE	95TH ENT	8741+23.0	8.0 RT	8741+61.9	4.0 RT	45.0	23
87TH ENTRANCE	87TH ENT	8701+56.0	8.0 RT	8701+94.3	5.0 RT	44.5	23
79TH-76TH C-D	7976 ENT-CON	9481+96.9	24.0 RT	9482+47.1	20.0 RT	56.0	28
75TH-71ST C-D	7571 ENT-CON	9412+24.9	24.0 RT	9412+75.1	20.0 RT	56.5	29
I000-2A TOTAL							
J000-2A TOTAL						233.0	118
TOTAL						233.0	118

**TYLIN INTERNATIONAL**

**NOTES:**

"ALIGNMENT" REFERS TO PROPOSED ALIGNMENTS

REVISIONS	
NAME	DATE

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

**SCHEDULE OF QUANTITIES  
PROPOSED QUANTITIES - SHEET 4**

SCALE: NONE DRAWN BY: MPG  
DATE: MARCH 18, 2005 CHECKED BY: RTM







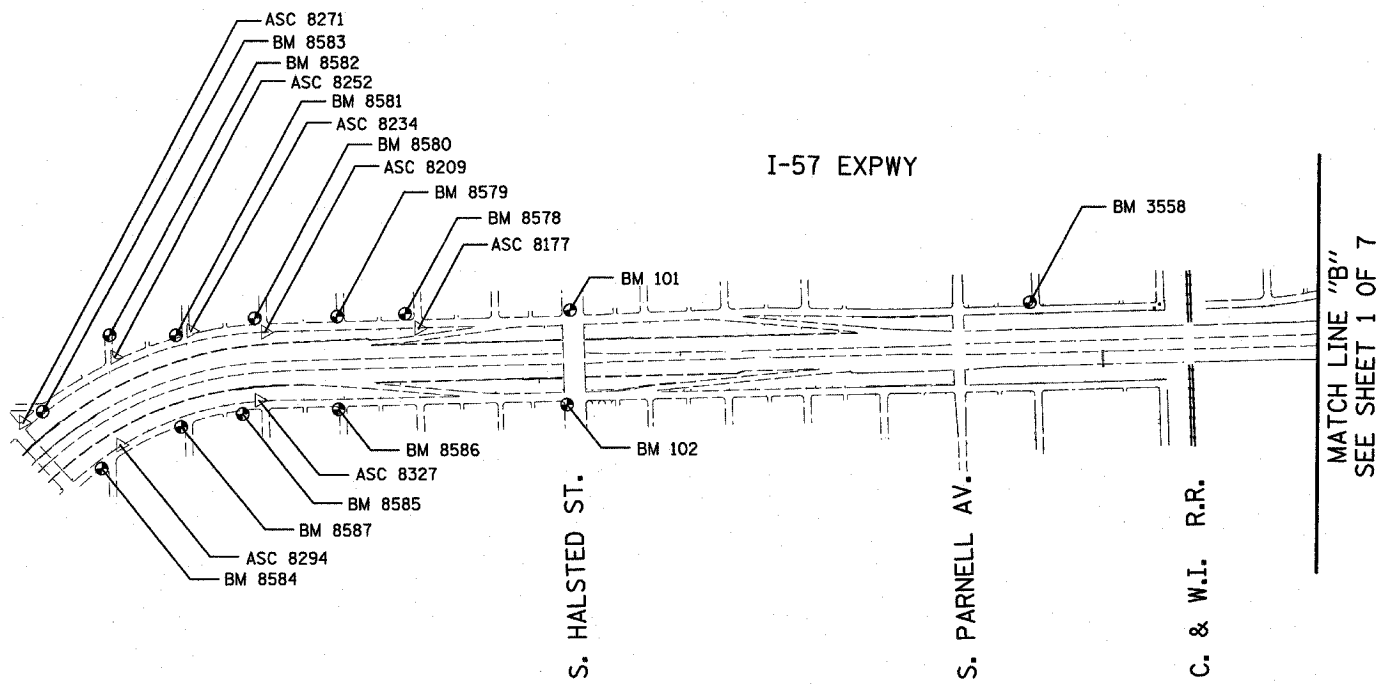






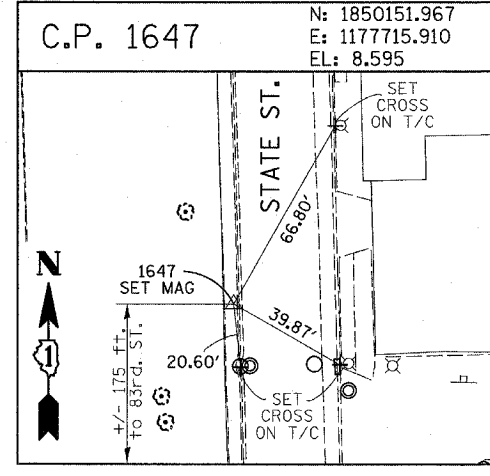
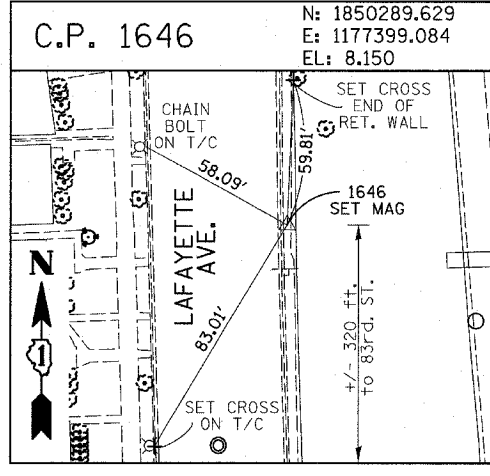
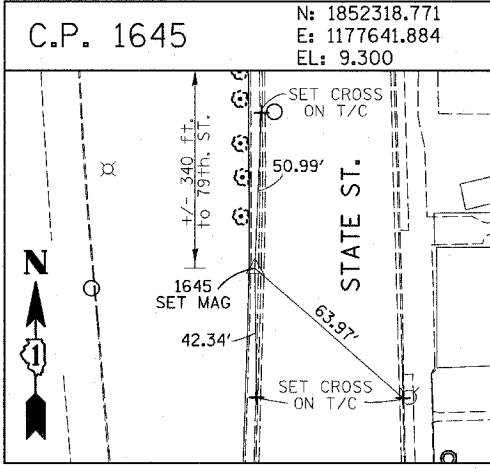
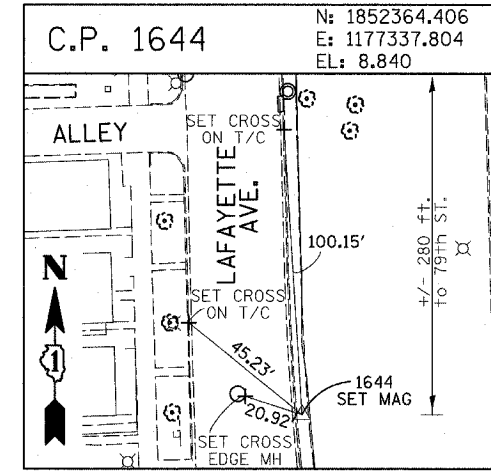
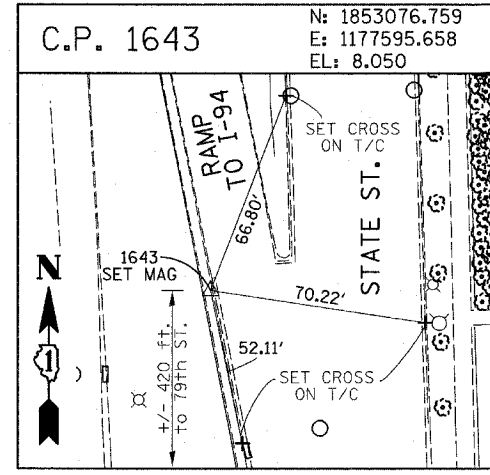
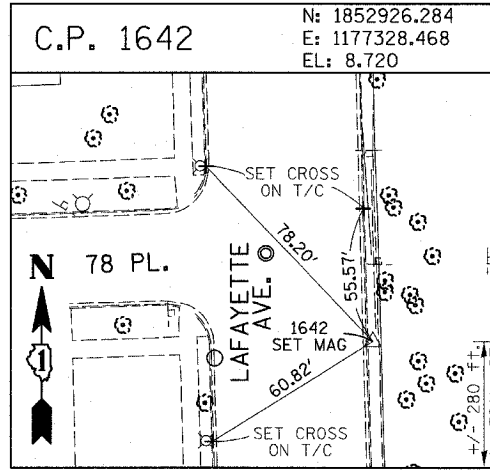
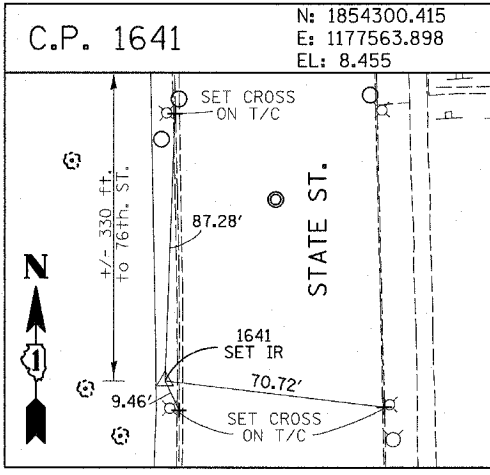
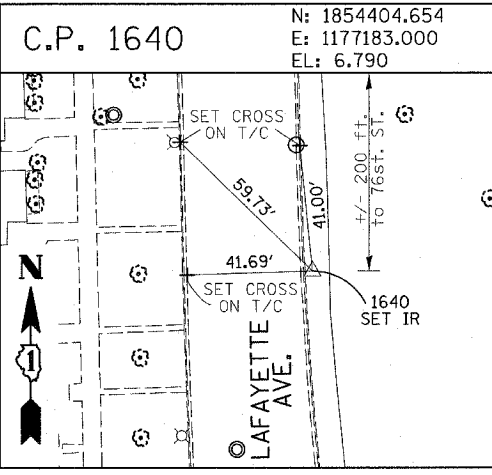
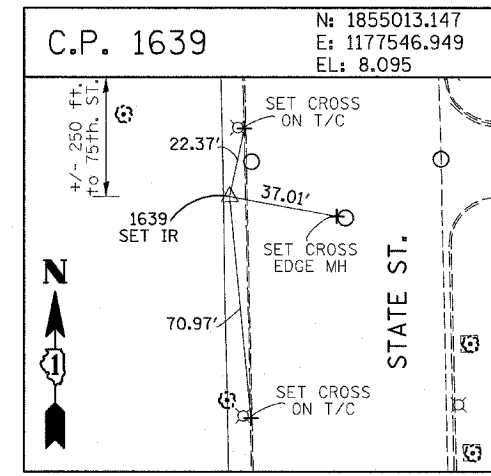
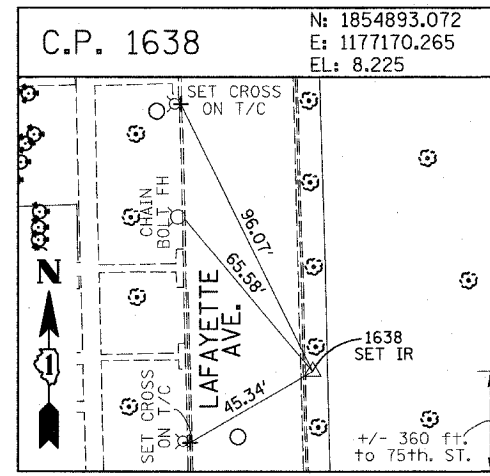
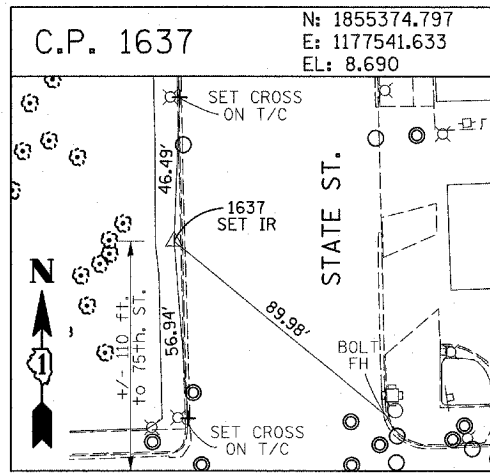
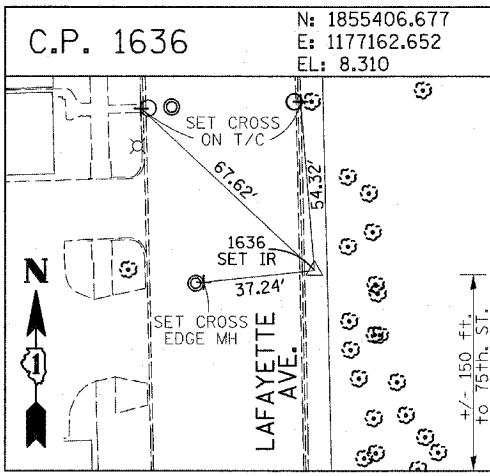
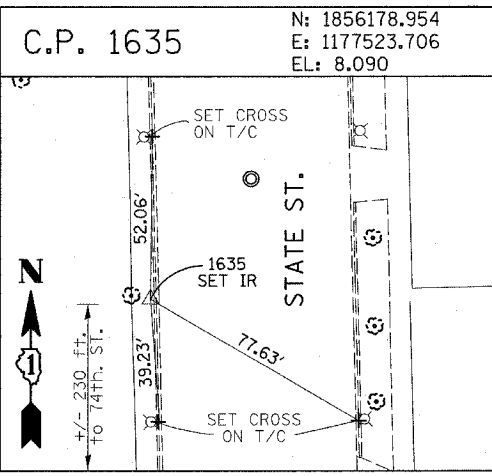
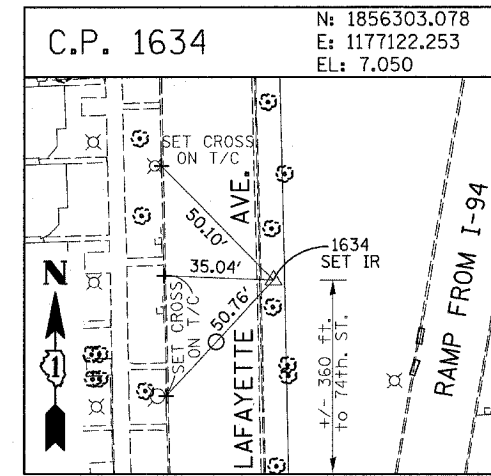
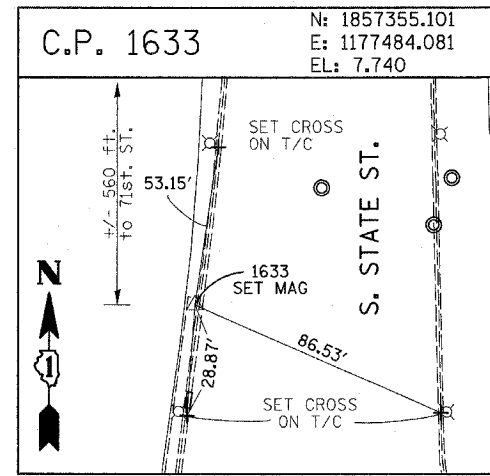
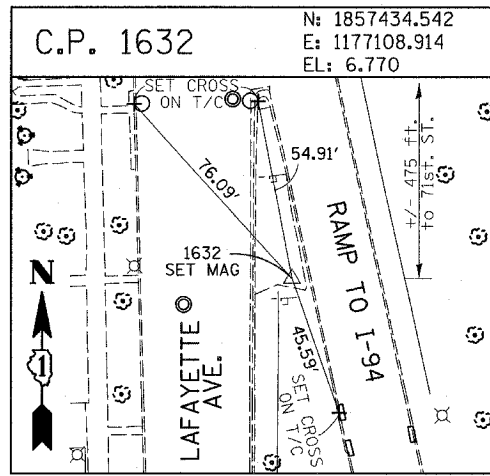
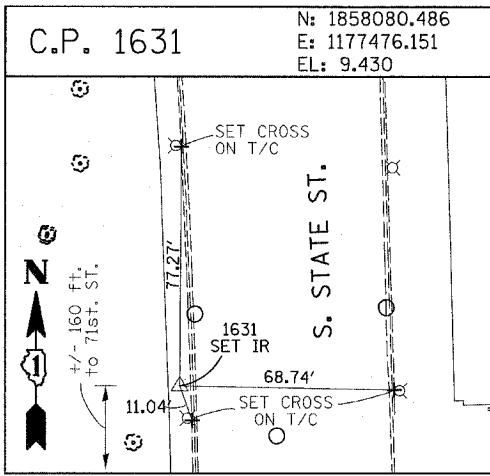
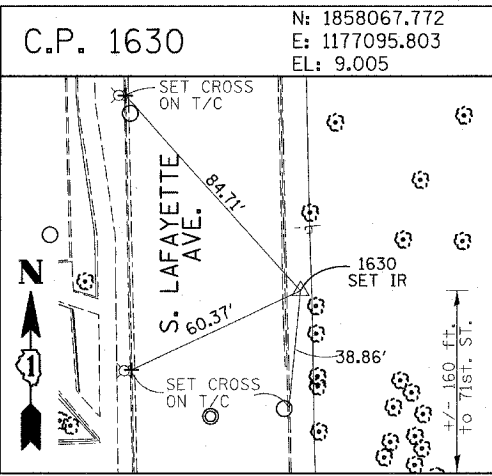


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	36
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(1516.1, 1717 & 1818) R-8		62694		



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)	
NAME	DATE		
		SURVEY TIES FOR CONTROL POINTS	
		SHEET 2 OF 7	
		SCALE: 1"=400'	DRAWN BY: GSP
		DATE: MARCH 18, 2005	CHECKED BY: MMW
REVISED	04/15/05		

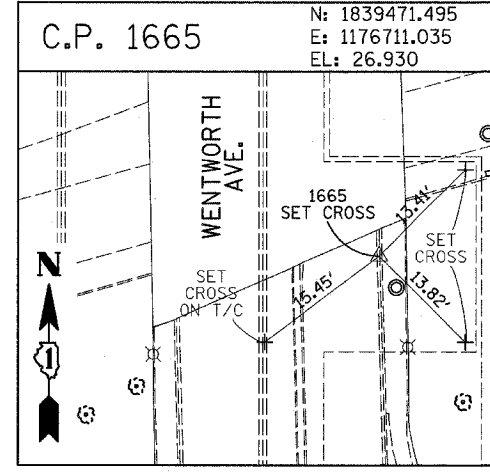
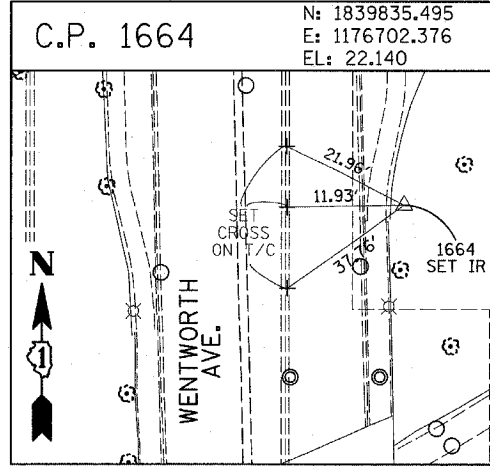
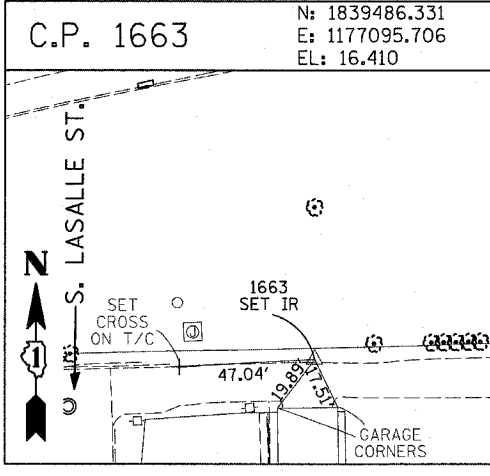
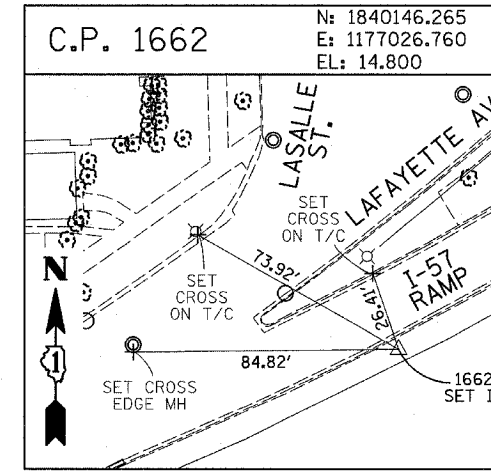
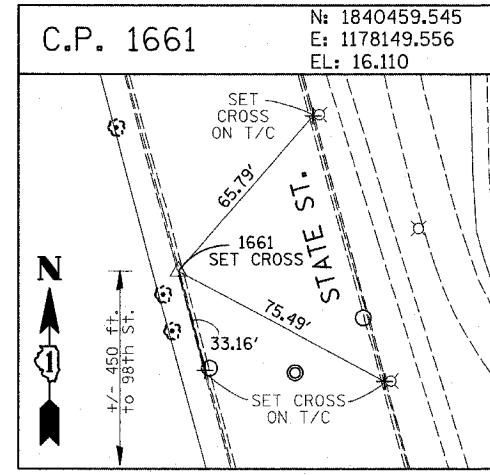
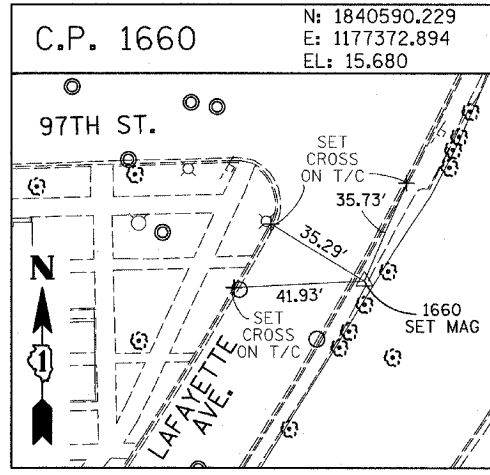
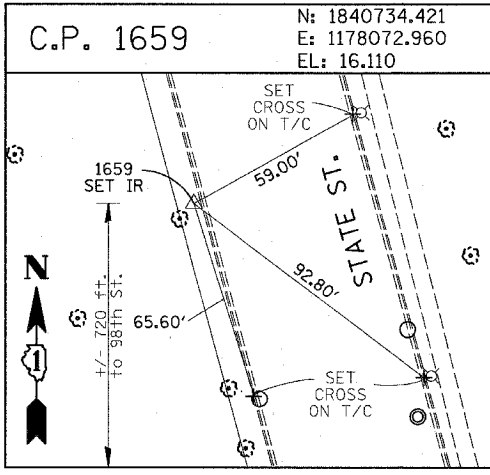
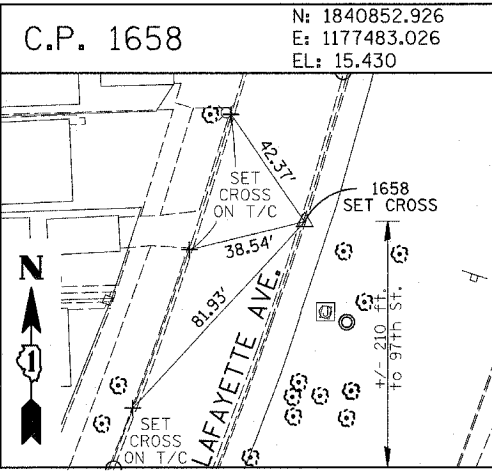
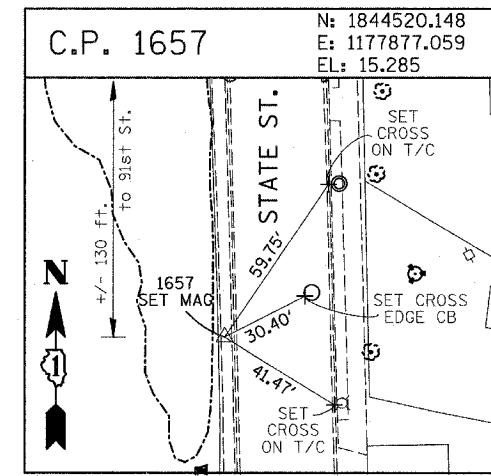
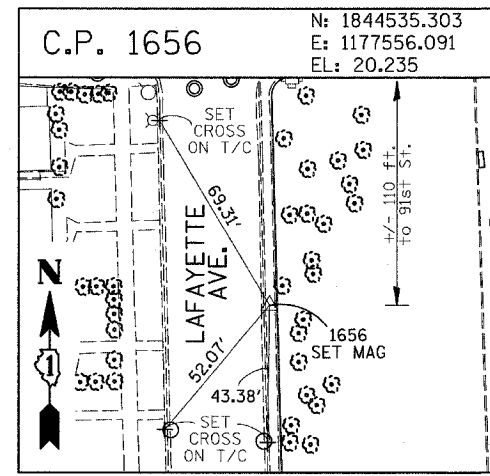
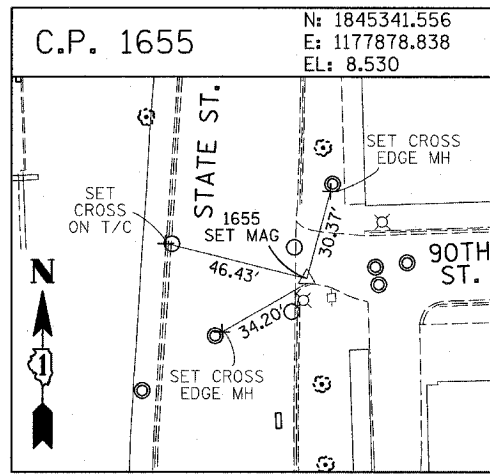
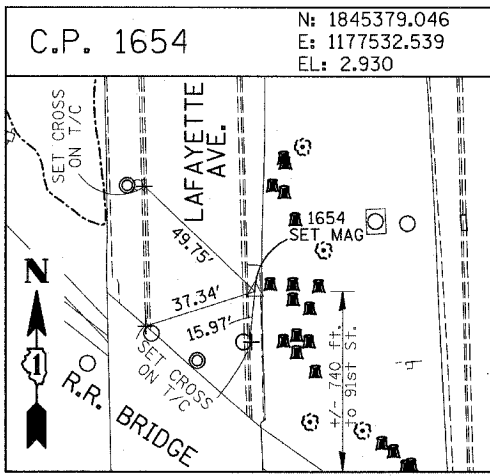
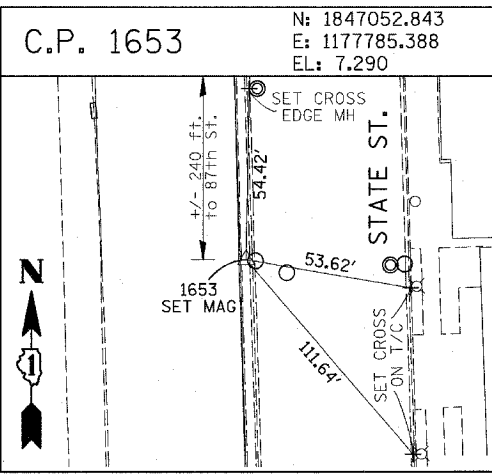
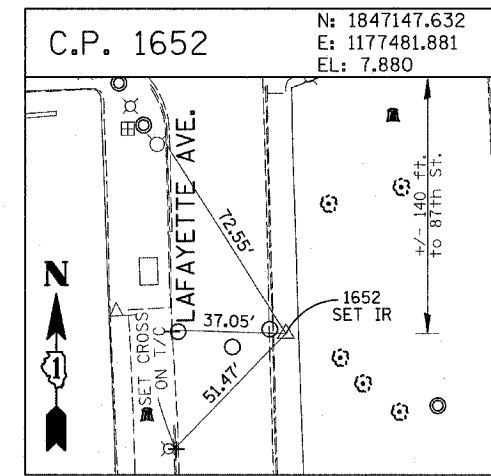
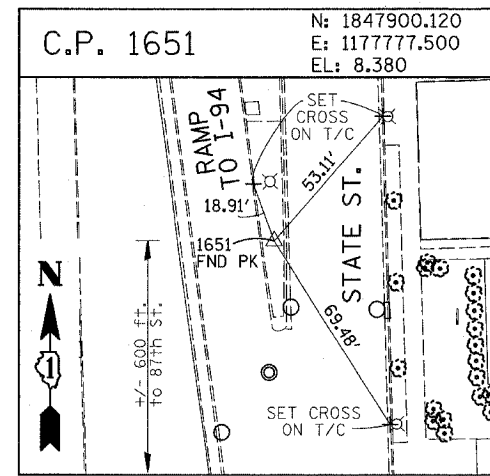
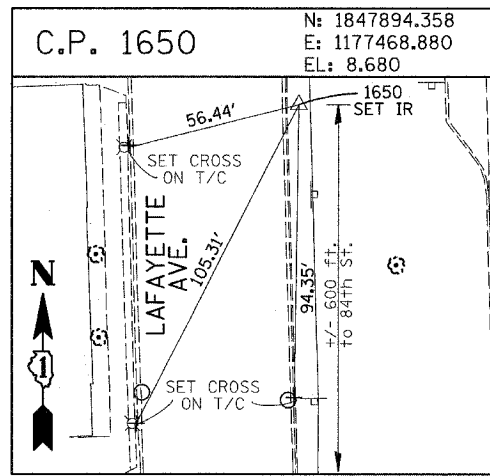
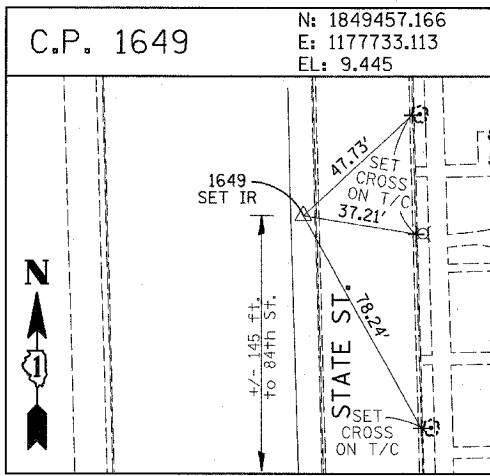
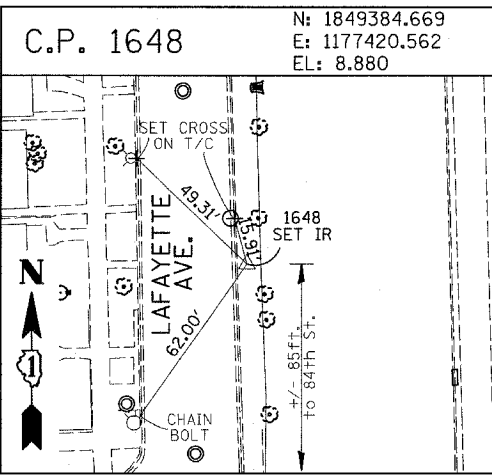
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REVISIONS	
NAME	DATE

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

SCALE: 1"=30'  
 DATE: MARCH 18, 2005  
 DRAWN BY: GSP  
 CHECKED BY: MMW



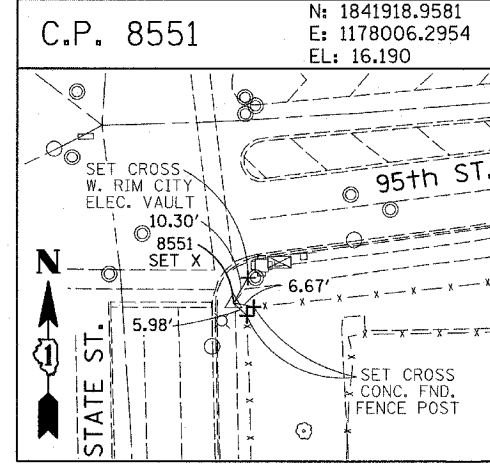
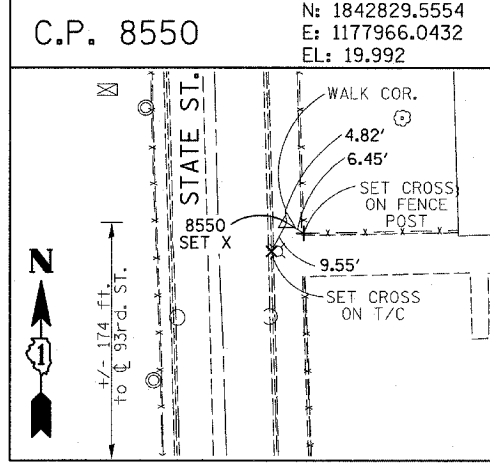
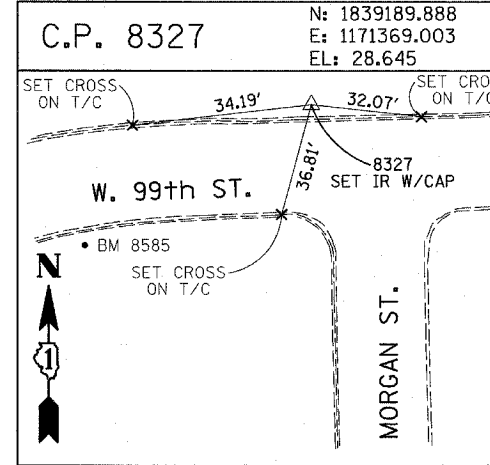
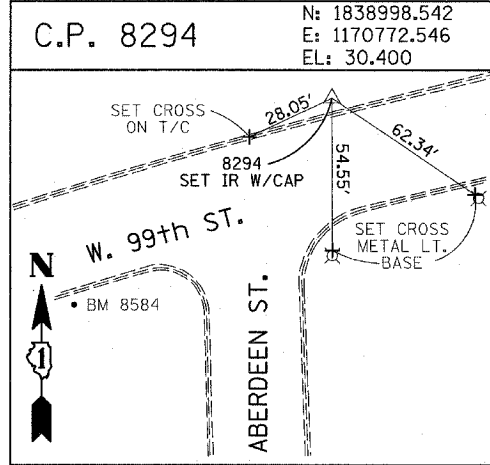
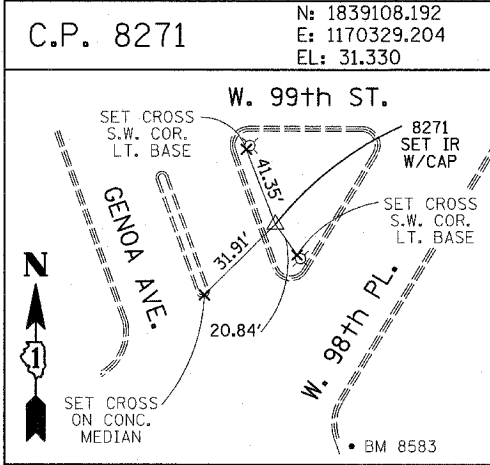
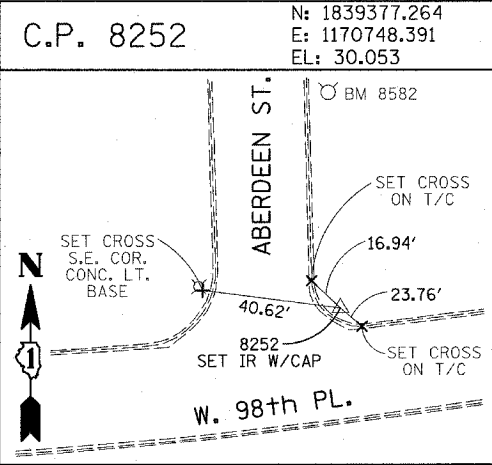
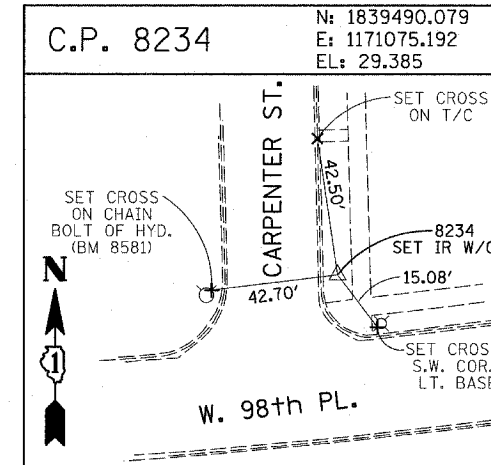
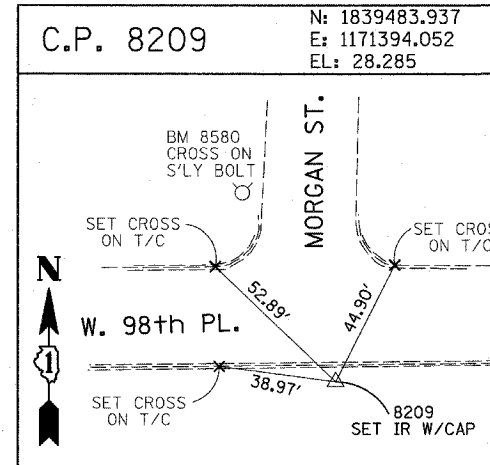
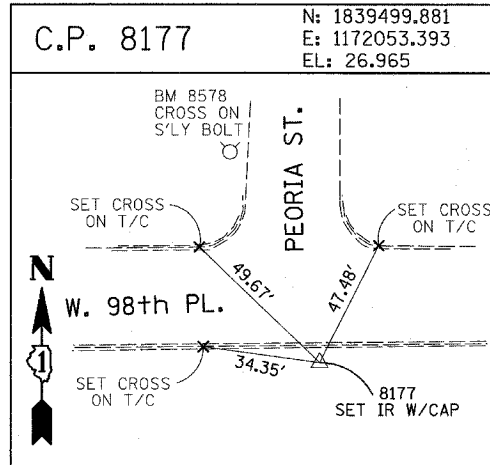
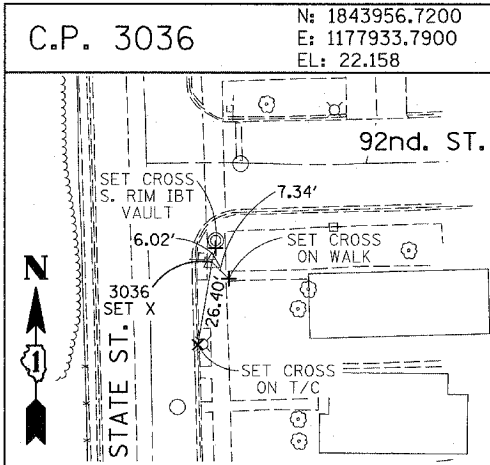
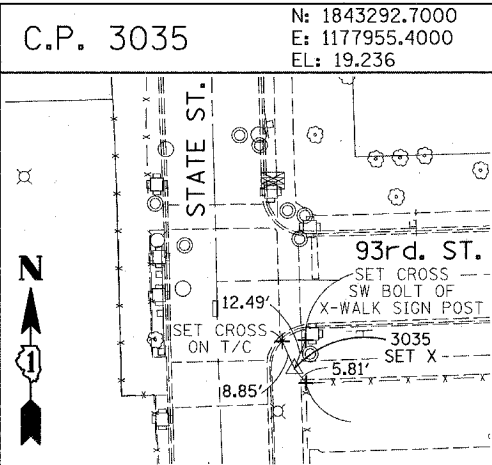
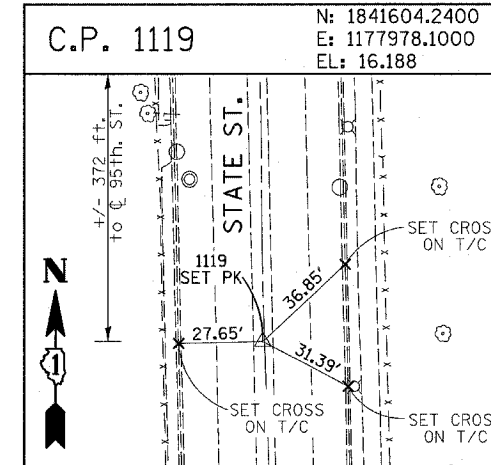
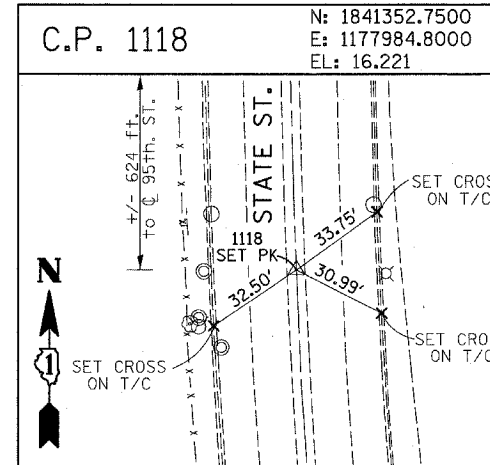
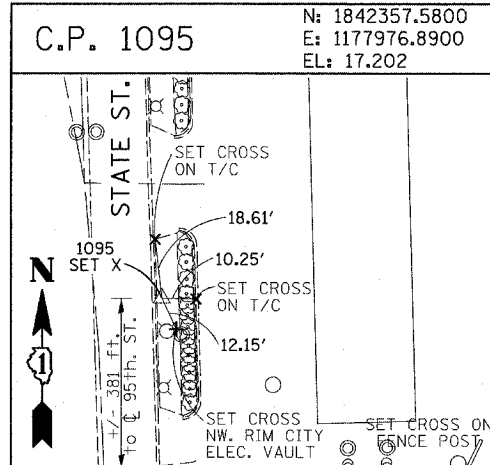
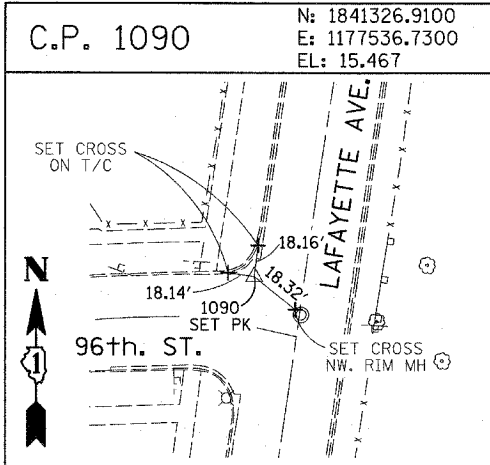
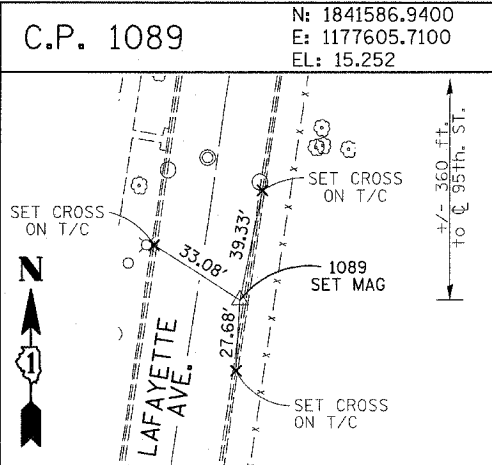
REVISIONS	
NAME	DATE

03/25/2005 10:21:30 AM



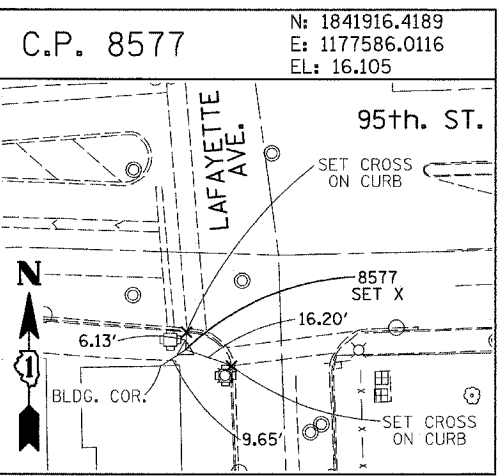
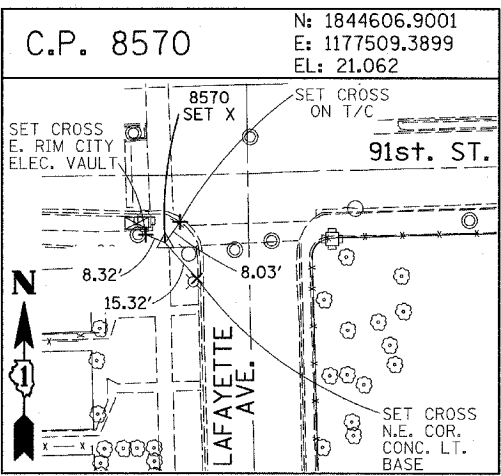
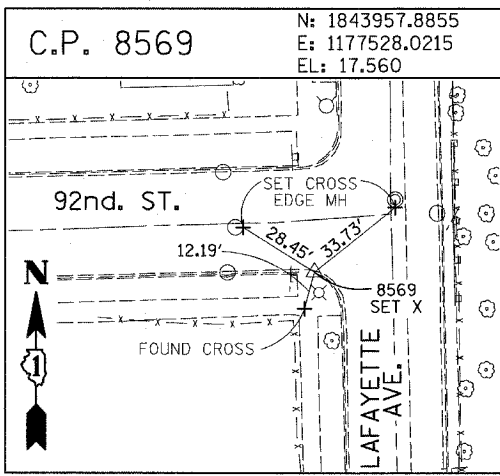
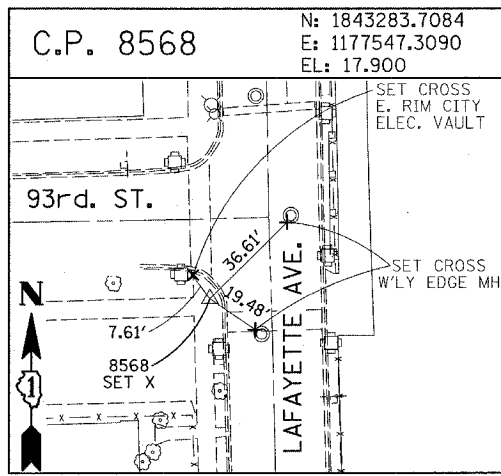
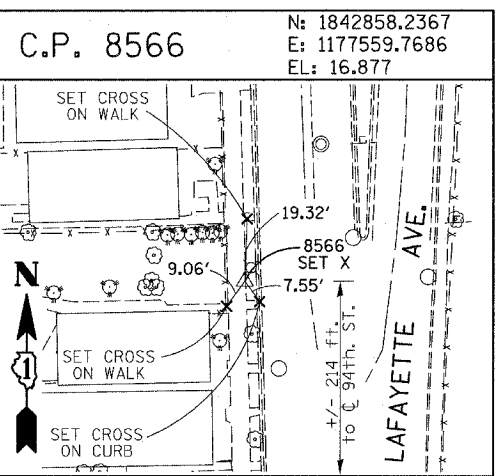
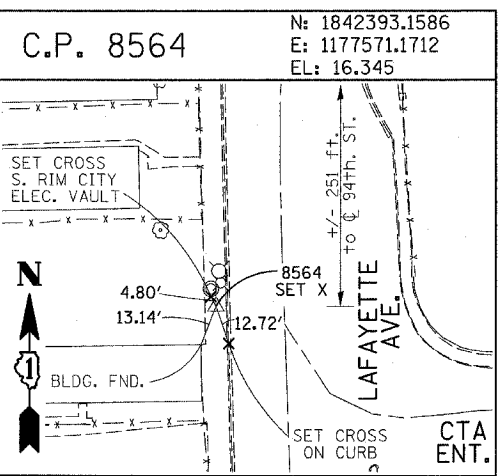
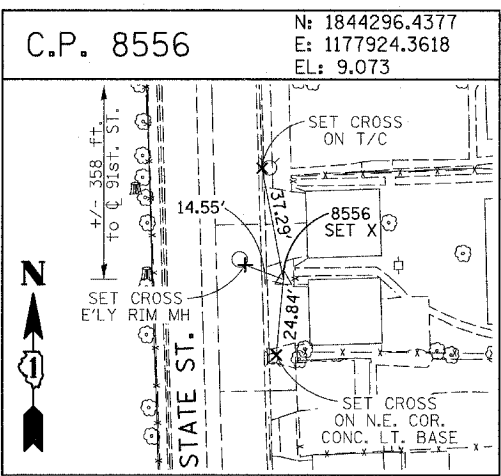
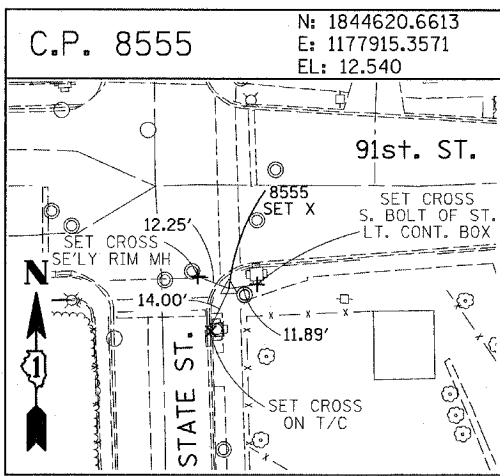
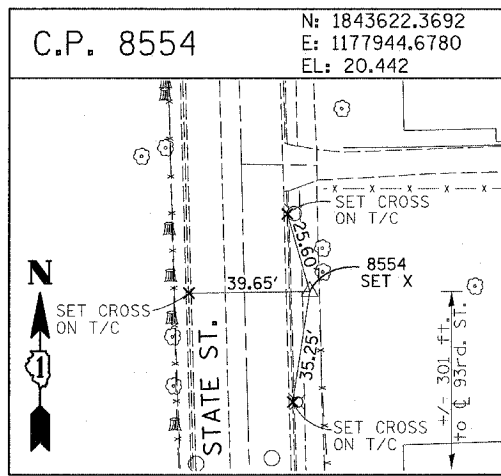


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	40
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.L, 1717 & 1818) R-8		62694		



REVISIONS	
NAME	DATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	41
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



**PROJECT BENCHMARKS**  
CITY OF CHICAGO DATUM

- 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.

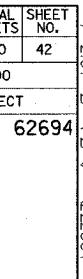
- BM 8576 ELEVATION= 17.43 FEET  
SET CROSS ON THE WESTERLY FLANGE BOLT OF FIRE HYDRANT AT THE VACANT LOT BETWEEN 9416 AND 9422 S. LAFAYETTE AVENUE, ON THE WEST SIDE OF LAFAYETTE AVENUE.
- BM 8578 ELEVATION= 27.92 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF WEST 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 SOUTHEASTERLY 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.

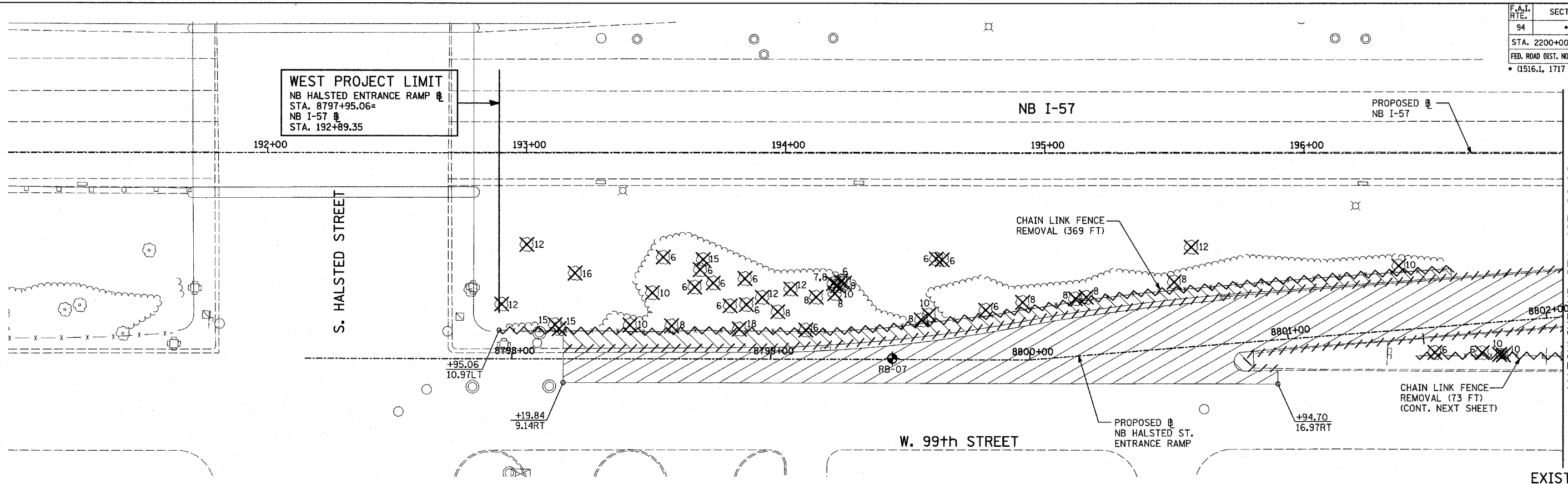
REVISIONS	
NAME	DATE

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

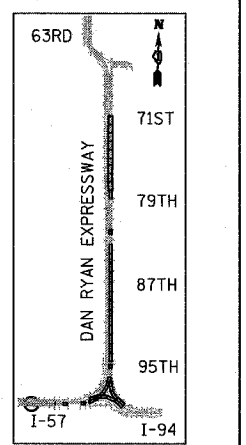
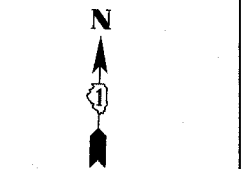
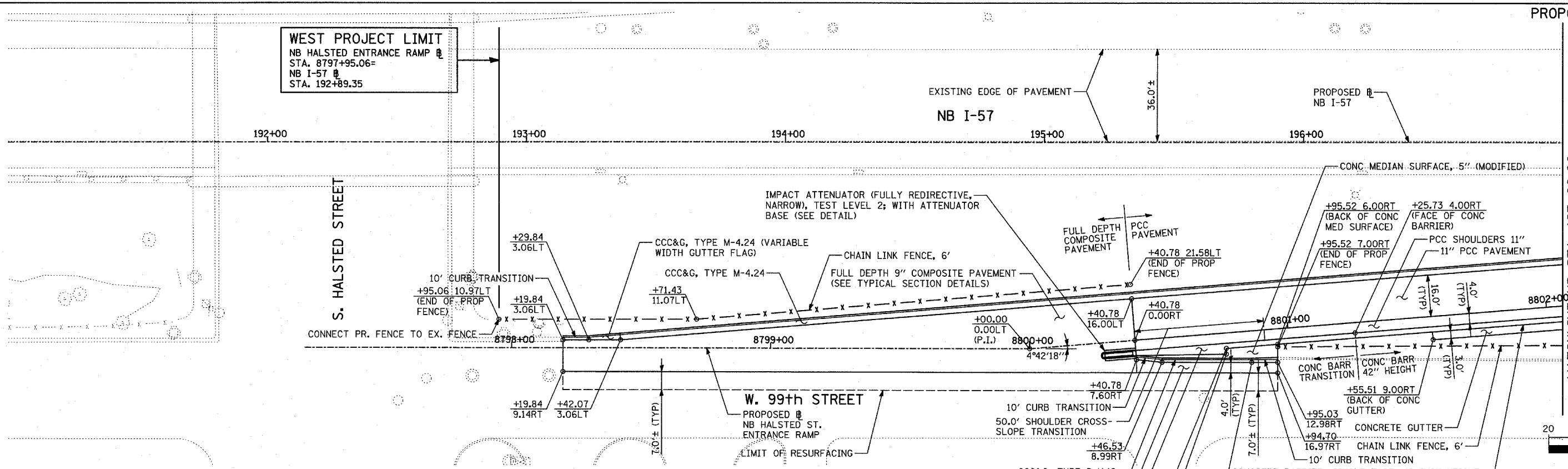
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DATE: MARCH 18, 2005  
DRAWN BY: GSP  
CHECKED BY: MMW



MATCHLINE NB STA. 197+00.00



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP  
SCALE: 1" = 20'-0"  
SHEET 1 OF 41

**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX XX.XXRT) MAINLINE @ STATION/OFFSET
- +XX.XX RAMP @ STATION/OFFSET
- XX.XXRT

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

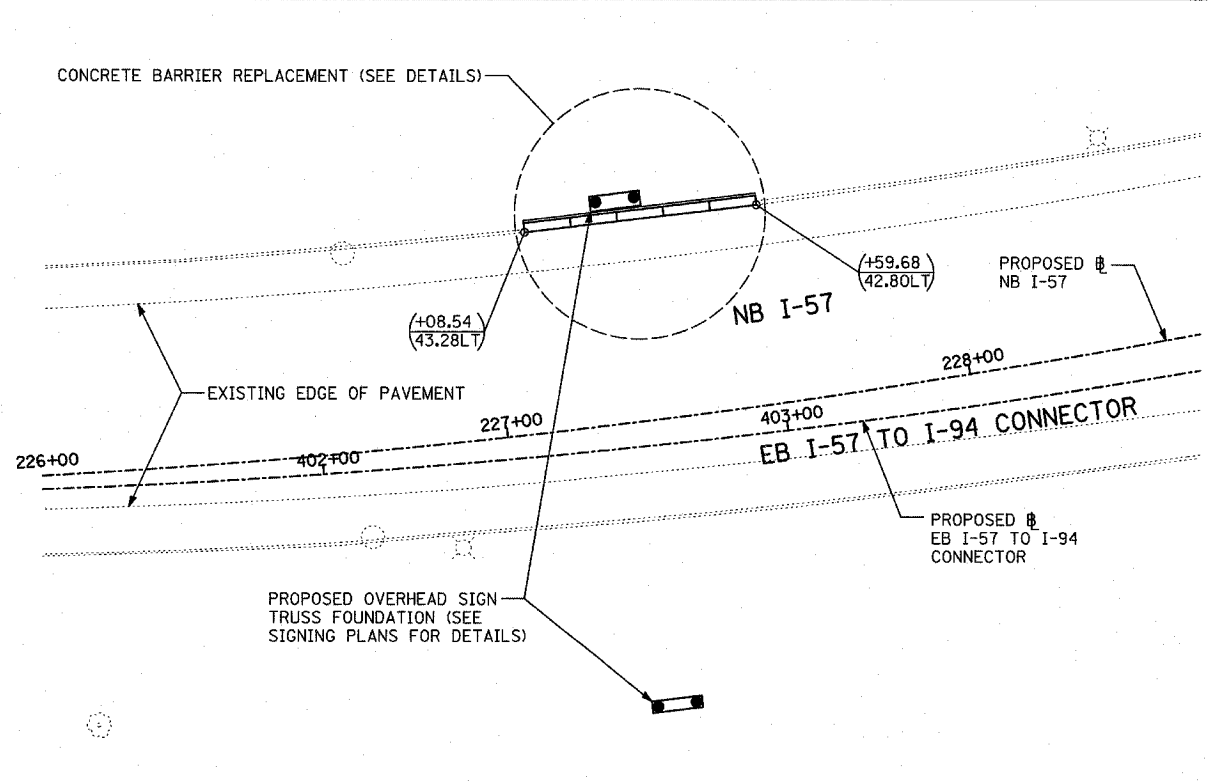
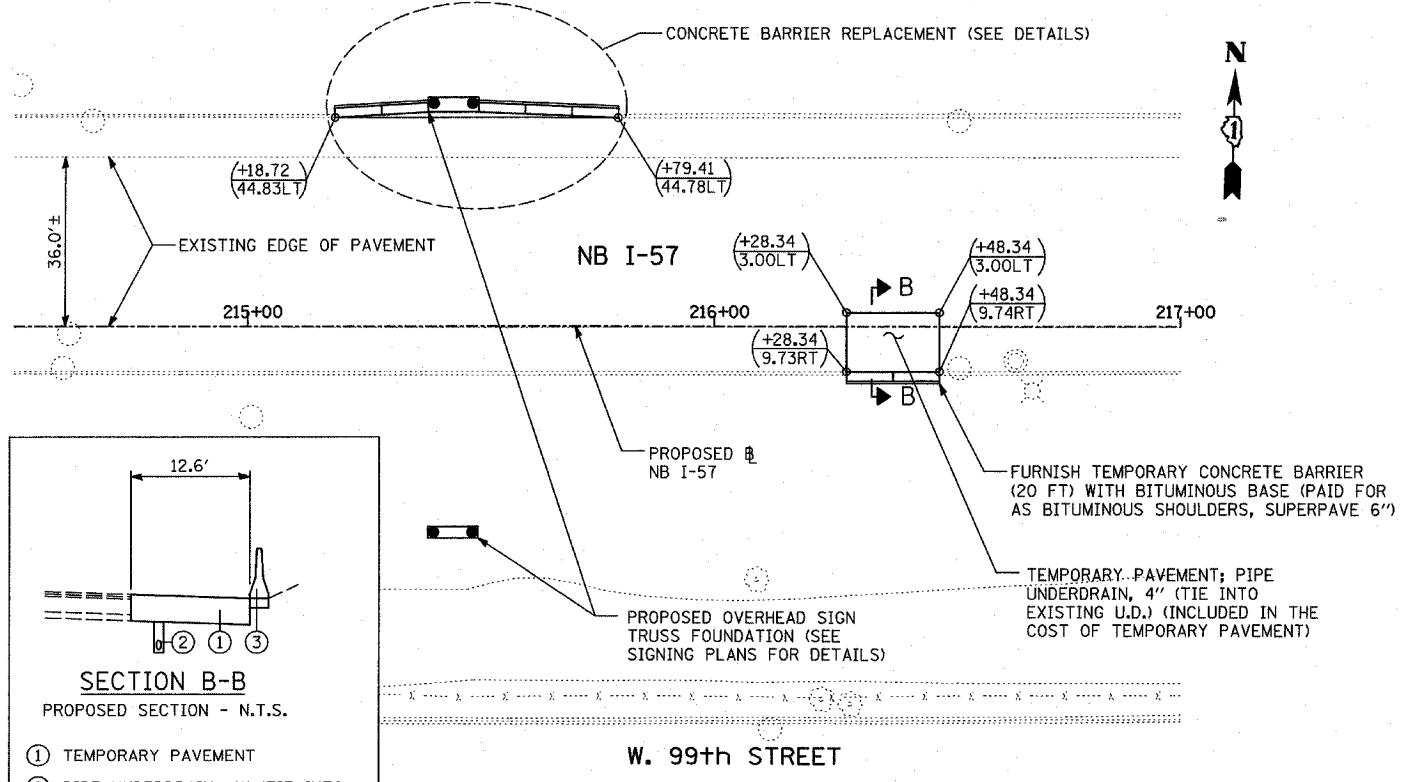
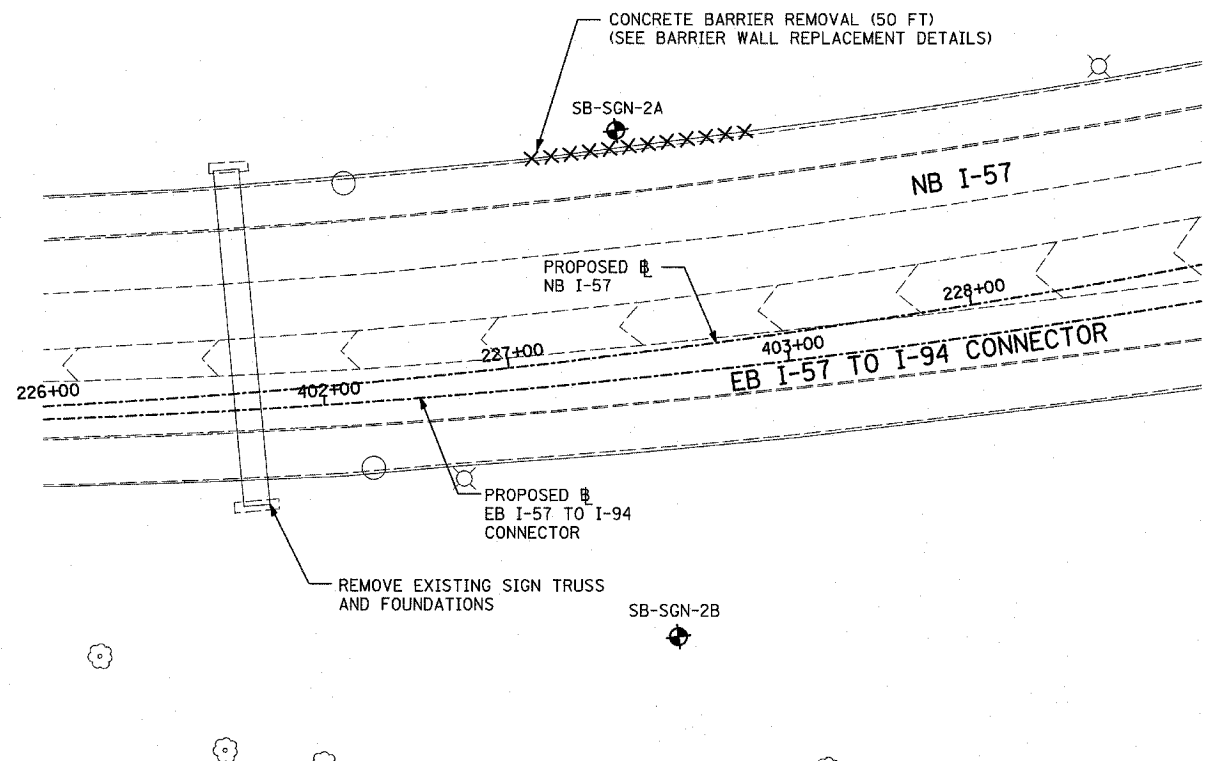
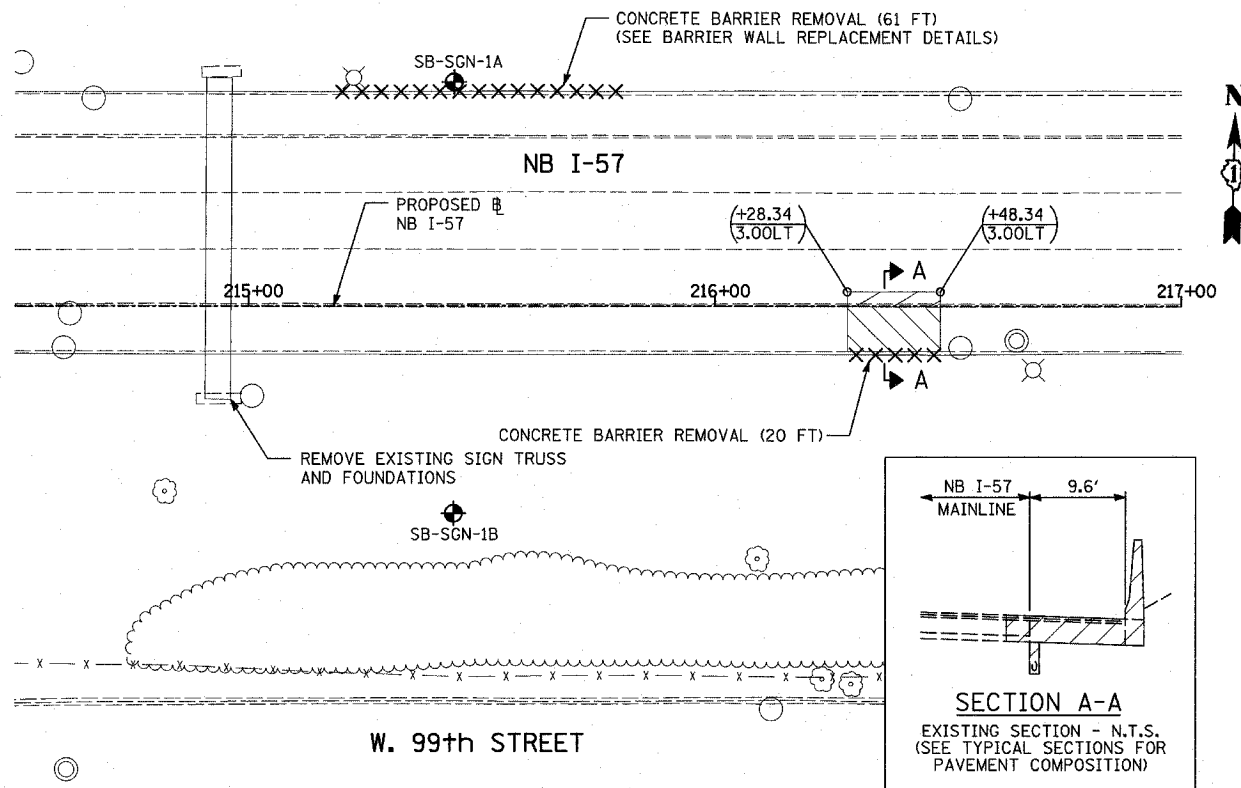
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING AND PROPOSED PLAN  
NB HALSTED STREET ENTRANCE RAMP  
NB I-57 STA. 192+89.35 TO 197+00.00**  
SCALE: 1"=20'  
DATE: MARCH 18, 2005  
DRAWN BY: MPG  
CHECKED BY: JPM

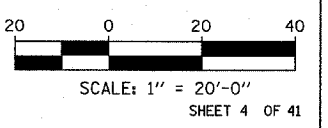
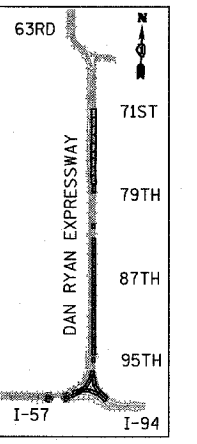




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	45
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



**LEGEND:**

- |  |                                    |  |   |  |   |
|--|------------------------------------|--|---|--|---|
|  | PAVEMENT REMOVAL                   |  | COMB CONC CURB & GUTTER REMOVAL                               |  | (+XX.XX) MAINLINE $\#$ STATION/OFFSET   |
|  | PAVED SHOULDER REMOVAL             |  | CHAIN LINK FENCE REMOVAL                                      |  | (XX.XXRT) RAMP $\#$ STATION/OFFSET  |
|  | PAVEMENT/SHOULDER REMOVAL, SPECIAL |  | CONCRETE BARRIER/GUARDRAIL REMOVAL                            |  | XX.XXRT STATION/OFFSET  |
|  |                                    |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)                     |  | <b>NOTES:</b>   |
|  |                                    |  | SOIL BORING LOCATIONS   |  | - ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. |
|  |                                    |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) |  | - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED                        |

REVISIONS	
NAME	DATE

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

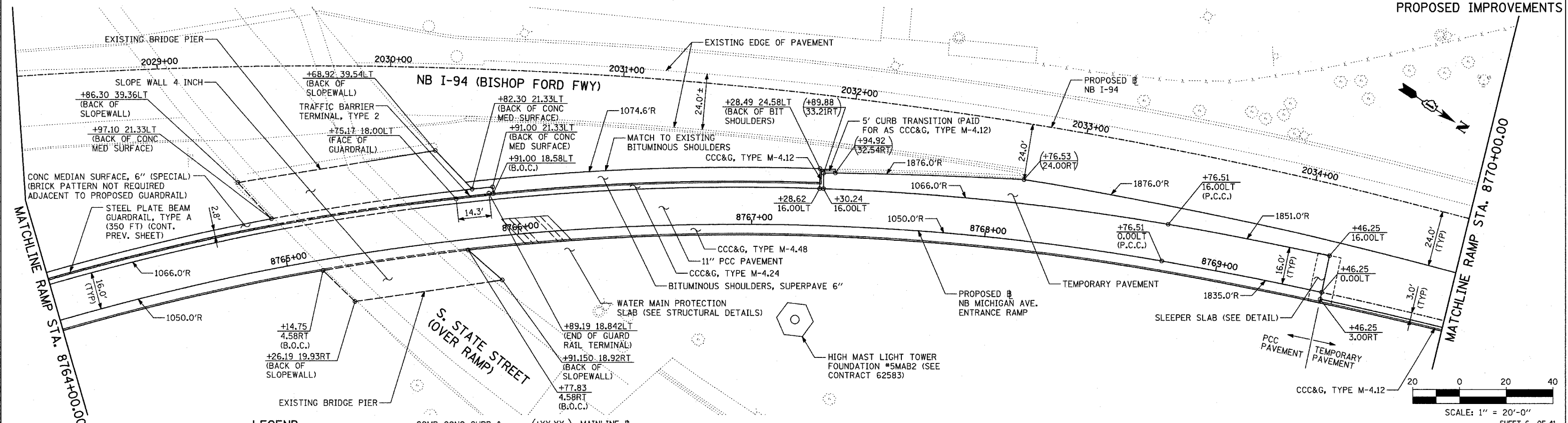
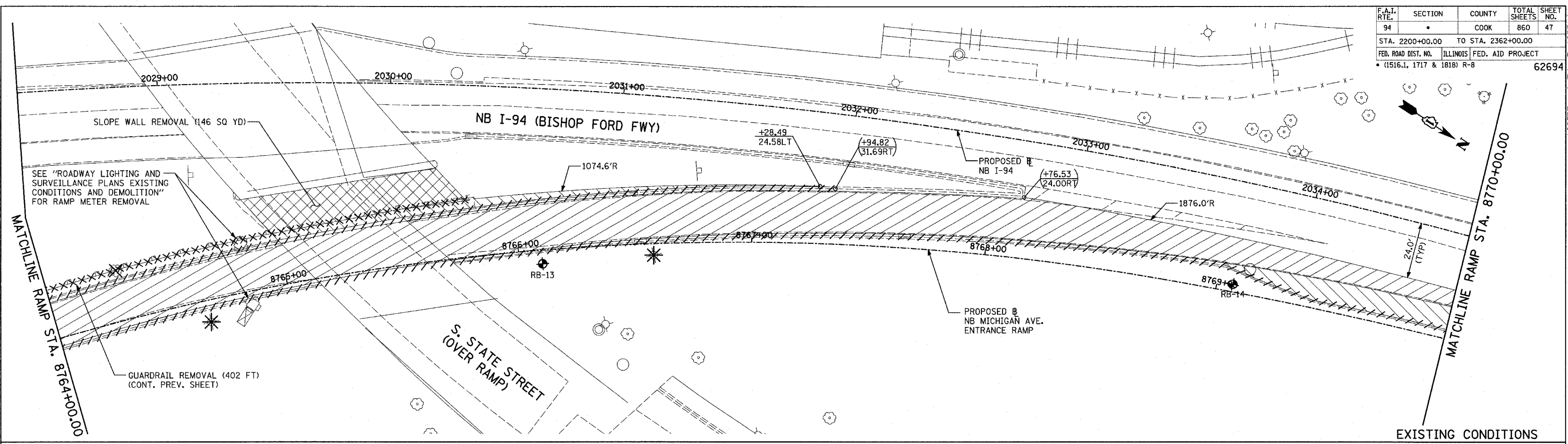
EXISTING AND PROPOSED PLAN  
OVERHEAD SIGN FOUNDATIONS LOCATIONS  
NB I-57 STA. 215+44.00 & 227+29.00

SCALE: 1"=20'  
DATE: MARCH 18, 2005

DRAWN BY: MPG  
CHECKED BY: JPM





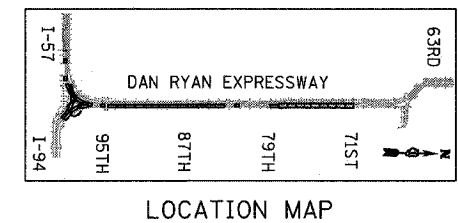


**LEGEND:**

- |  |                                    |  |                                    |  |   |
|--|------------------------------------|--|------------------------------------|--|---|
|  | PAVEMENT REMOVAL                   |  | CHAIN LINK FENCE REMOVAL           |  | SOIL BORING LOCATIONS   |
|  | PAVED SHOULDER REMOVAL             |  | CONCRETE BARRIER/GUARDRAIL REMOVAL |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) |
|  | PAVEMENT/SHOULDER REMOVAL, SPECIAL |  | COMB CONC CURB & GUTTER REMOVAL    |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)                     |

- (+XX.XX) MAINLINE  $\Delta$  STATION/OFFSET  
 (XX.XXRT) STATION/OFFSET  
 +XX.XX RAMP  $\Delta$  STATION/OFFSET  
 XX.XXRT STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED



REVISIONS	
NAME	DATE

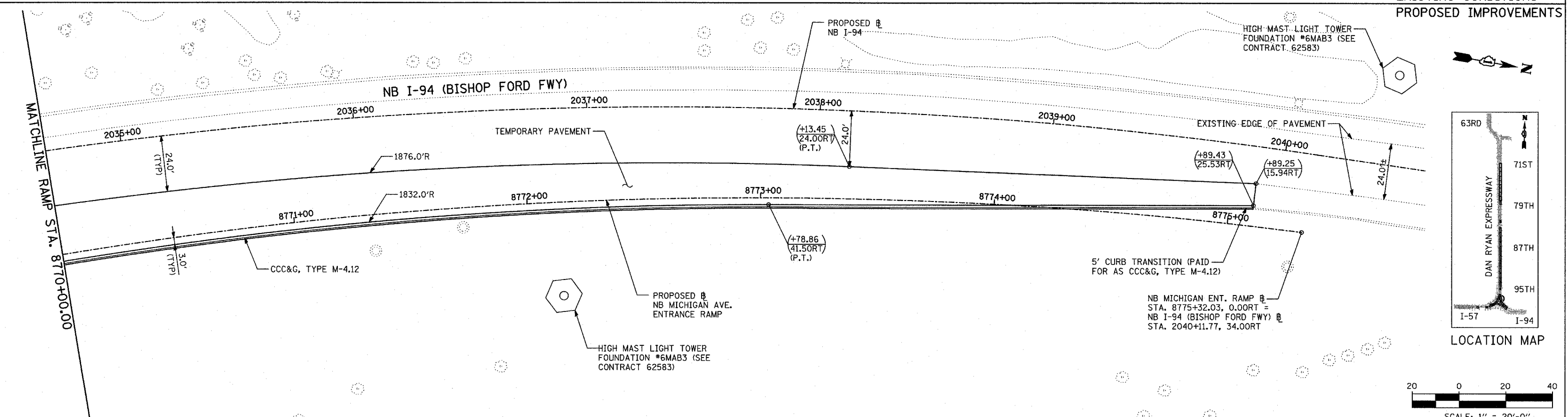
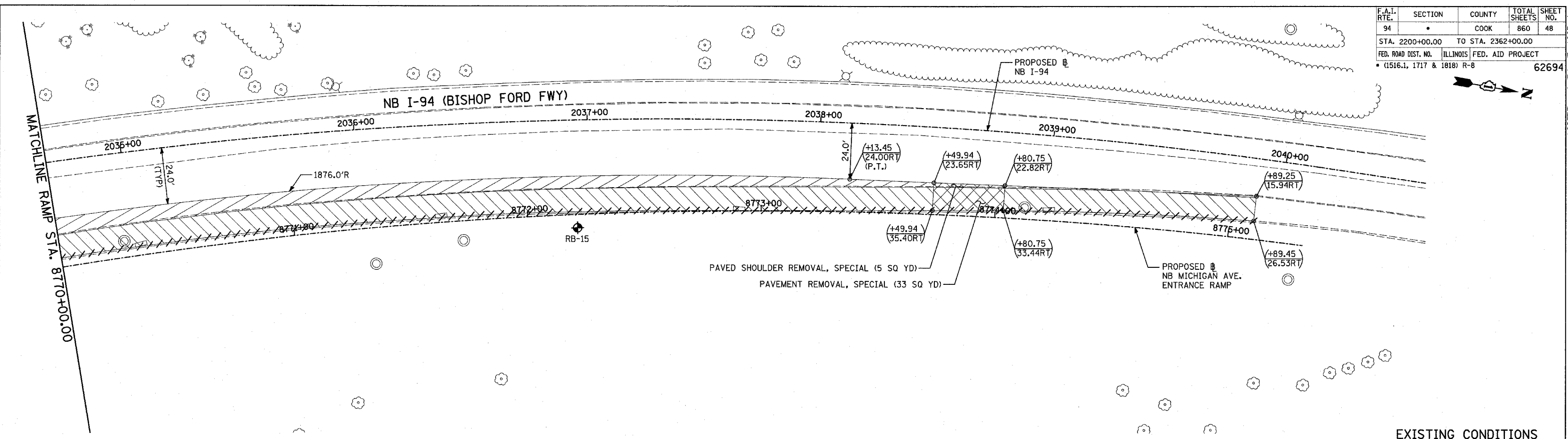
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

**EXISTING AND PROPOSED PLAN  
 NB MICHIGAN AVENUE ENTRANCE RAMP  
 RAMP STA. 8764+00.00 TO 8770+00.00**

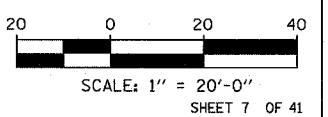
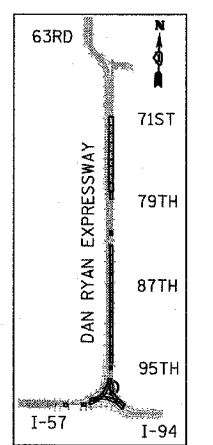
SCALE: 1"=20'  
 DATE: MARCH 18, 2005

DRAWN BY: MPG  
 CHECKED BY: JPM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	48
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		(1516.1, 1717 & 1818) R-8		62694



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX / XX.XXRT) MAINLINE B STATION/OFFSET
- +XX.XX RAMP B
- XX.XXRT STATION/OFFSET

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

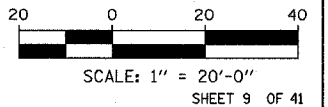
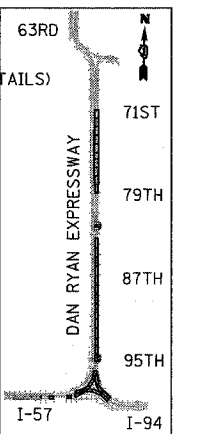
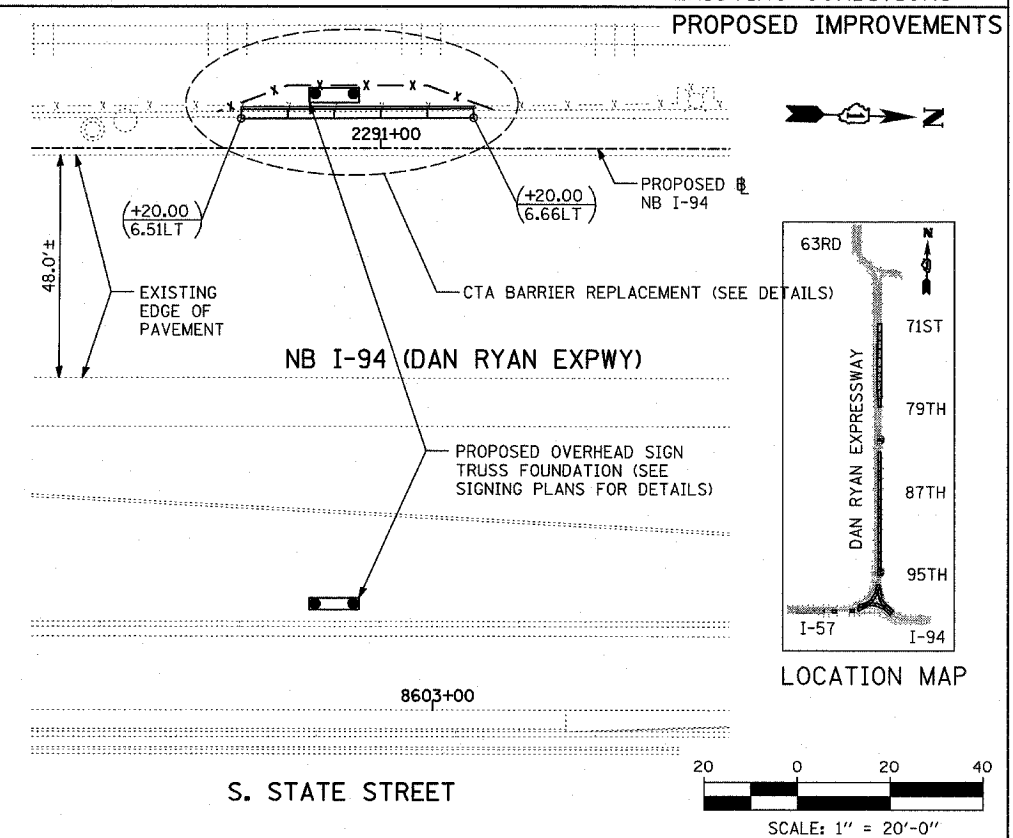
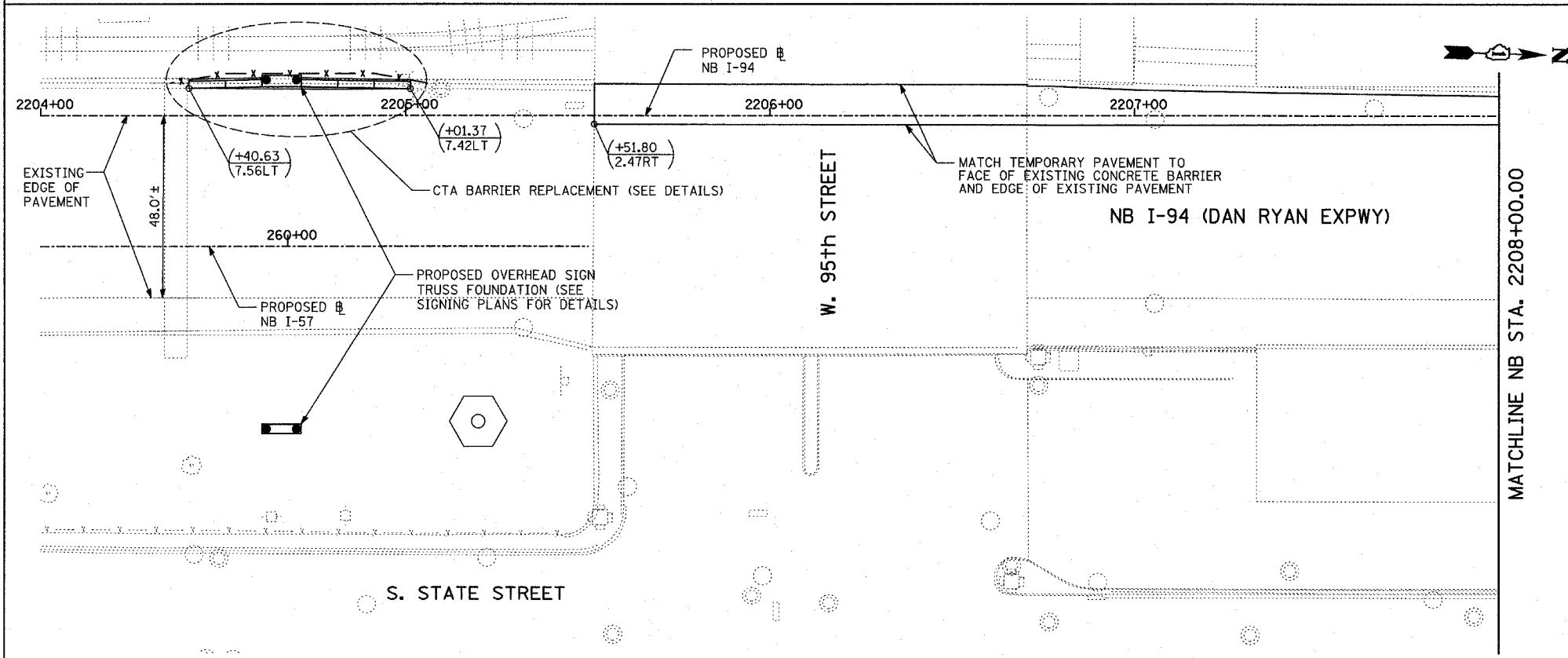
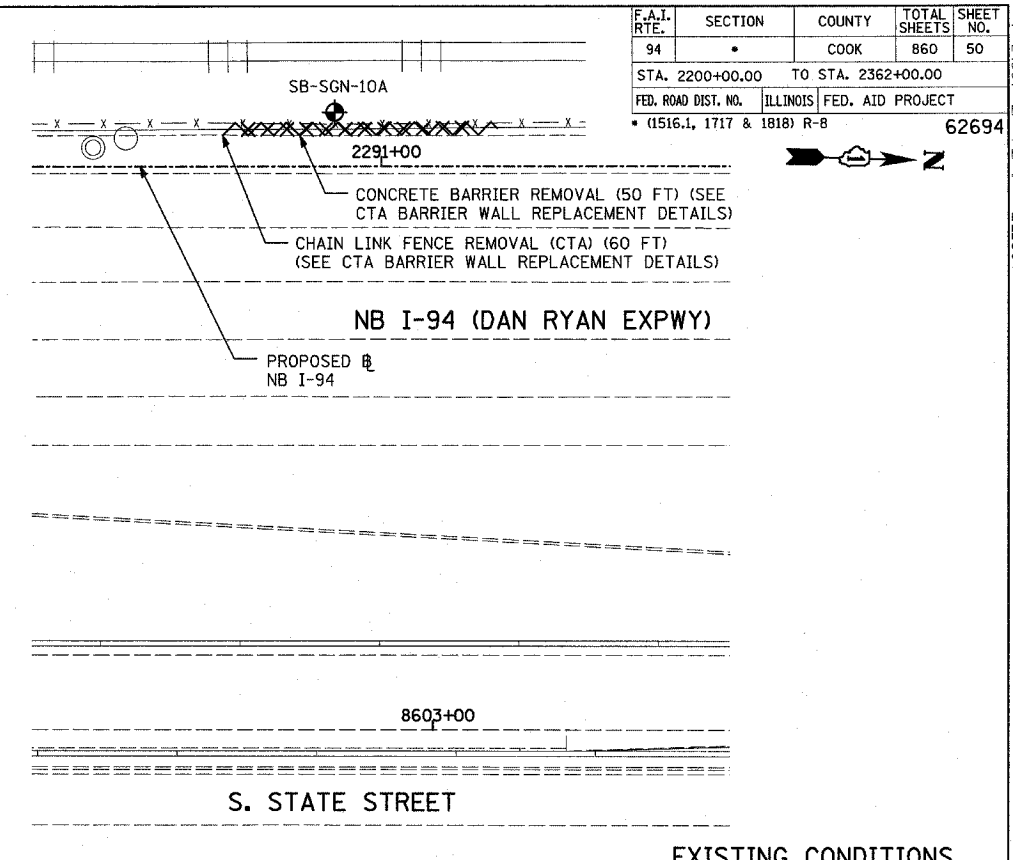
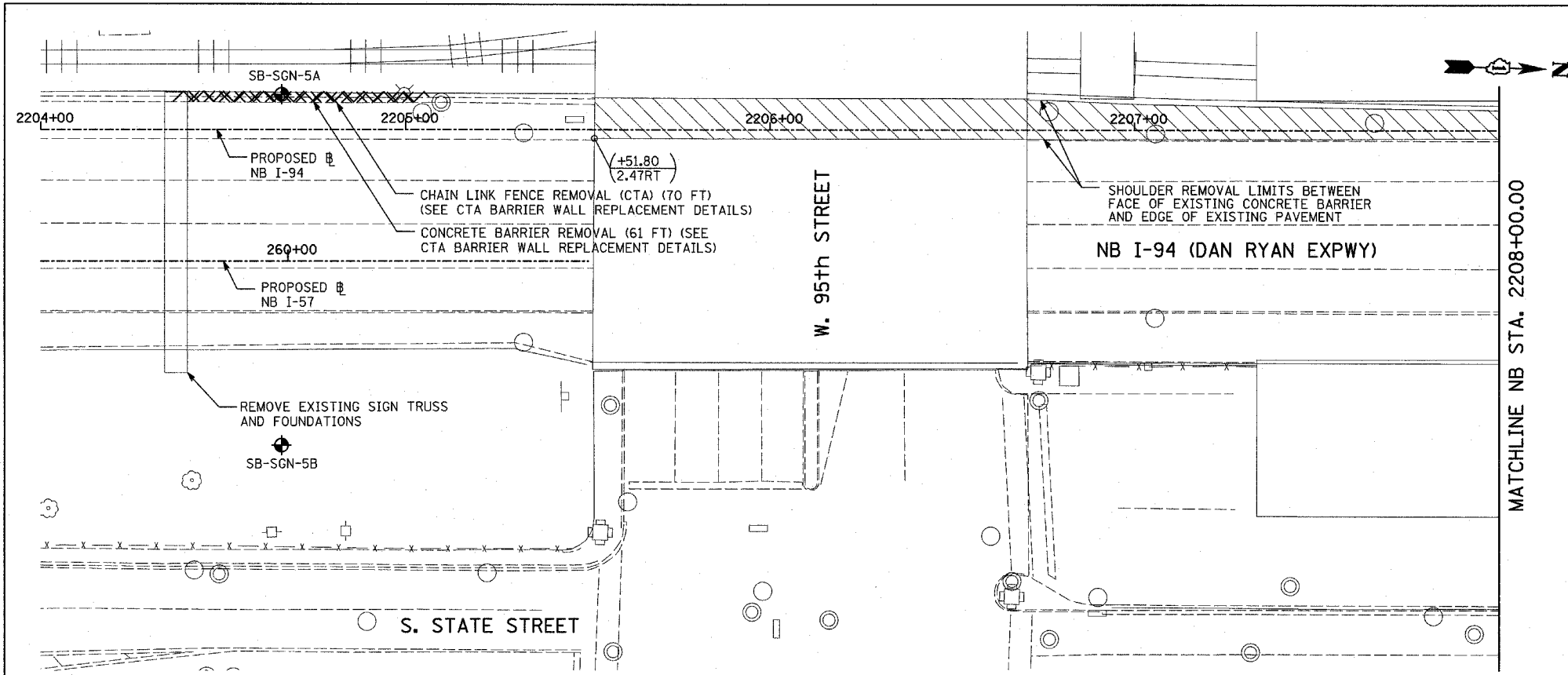
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING AND PROPOSED PLAN**  
NB MICHIGAN AVENUE ENTRANCE RAMP  
RAMP STA. 8770+00.00 TO 8775+10.24  
SCALE: 1"=20'  
DATE: MARCH 18, 2005  
DRAWN BY: MPG  
CHECKED BY: JPM

TYLIN INTERNATIONAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	50
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		(1516.1, 1717 & 1818) R-8		62694



**LEGEND:**

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	PAVEMENT/SHOULDER REMOVAL, SPECIAL

	COMB CONC CURB & GUTTER REMOVAL
	CHAIN LINK FENCE REMOVAL
	CONCRETE BARRIER/GUARDRAIL REMOVAL
	TREE REMOVAL (UNITS) (NO UNIT SHOWN = (6))
	SOIL BORING LOCATIONS
	LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

(+XX.XX)	MAINLINE #
XX.XXRT	STATION/OFFSET
+XX.XX	RAMP #
XX.XXRT	STATION/OFFSET

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE
REVISED	04/15/05

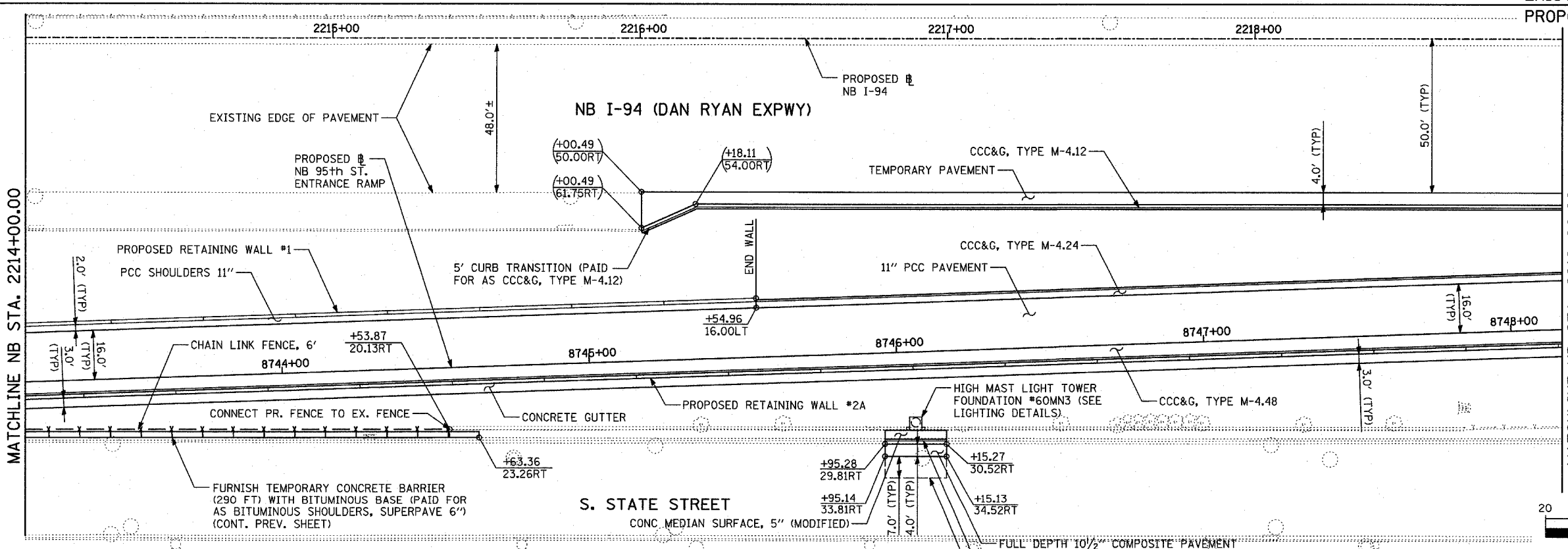
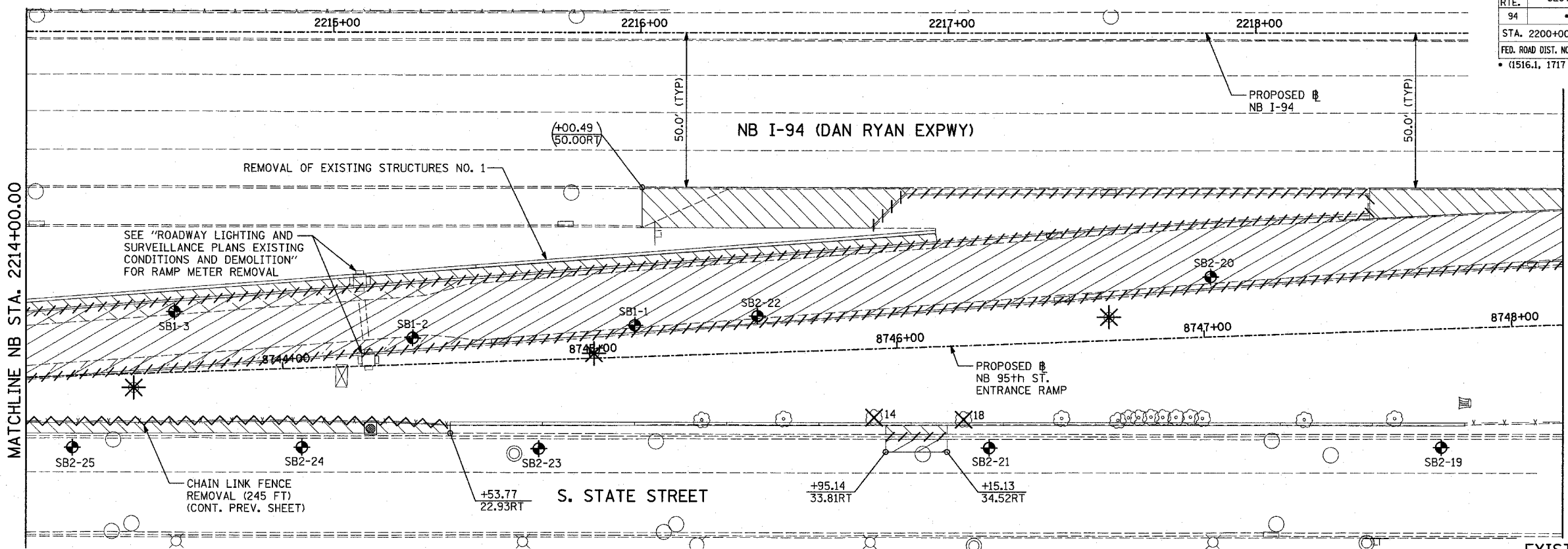
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**EXISTING AND PROPOSED PLAN**  
**NB I-94 (DAN RYAN EXPWY)**  
**NB STA. 2204+00.00 TO 2208+00.00**  
**AND OVERHEAD SIGN FOUNDATION**  
**AT NB I-94 STA. 2290+90.00**

SCALE: 1"=20'  
DATE: MARCH 18, 2005  
DRAWN BY: MPG  
CHECKED BY: JPM

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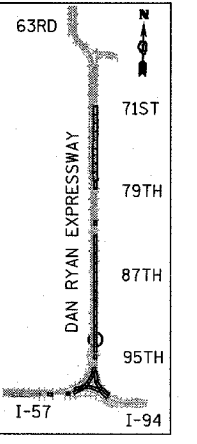
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	52
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		• (1516.1, 1717 & 1818) R-8		
		62694		



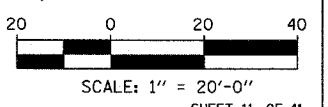
MATCHLINE NB STA. 2219+00.00

MATCHLINE NB STA. 2219+00.00

EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

- PAVEMENT REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX) MAINLINE # STATION/OFFSET
- (XX.XXRT) RAMP # STATION/OFFSET
- +XX.XX RAMP # STATION/OFFSET
- XX.XXRT RAMP # STATION/OFFSET

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

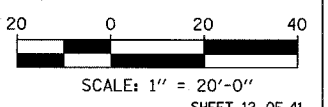
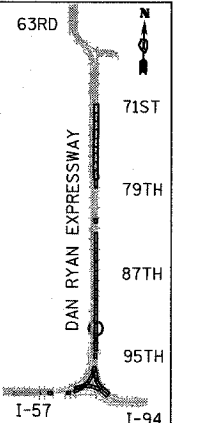
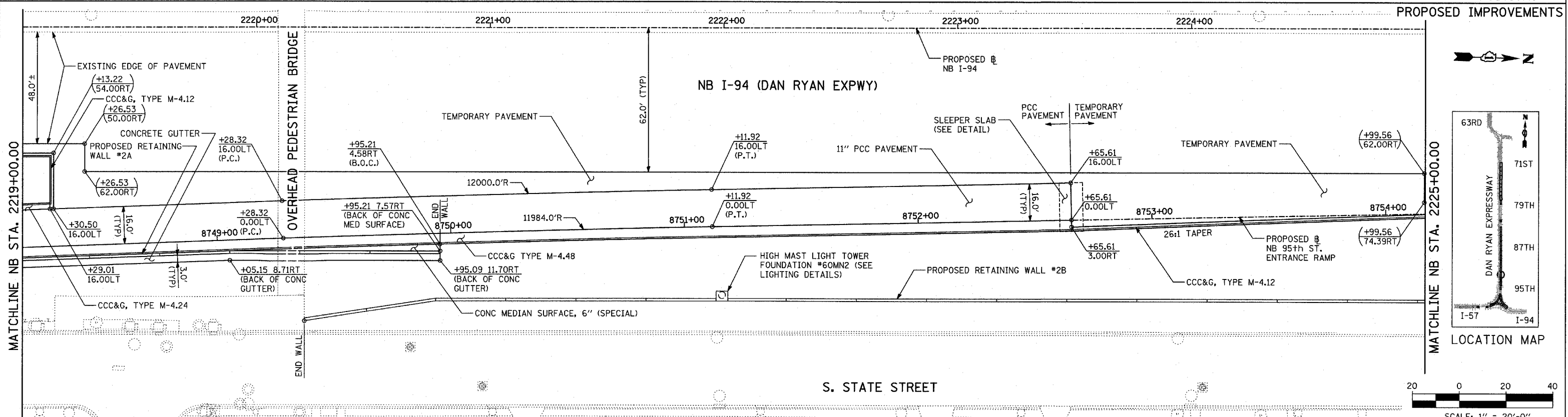
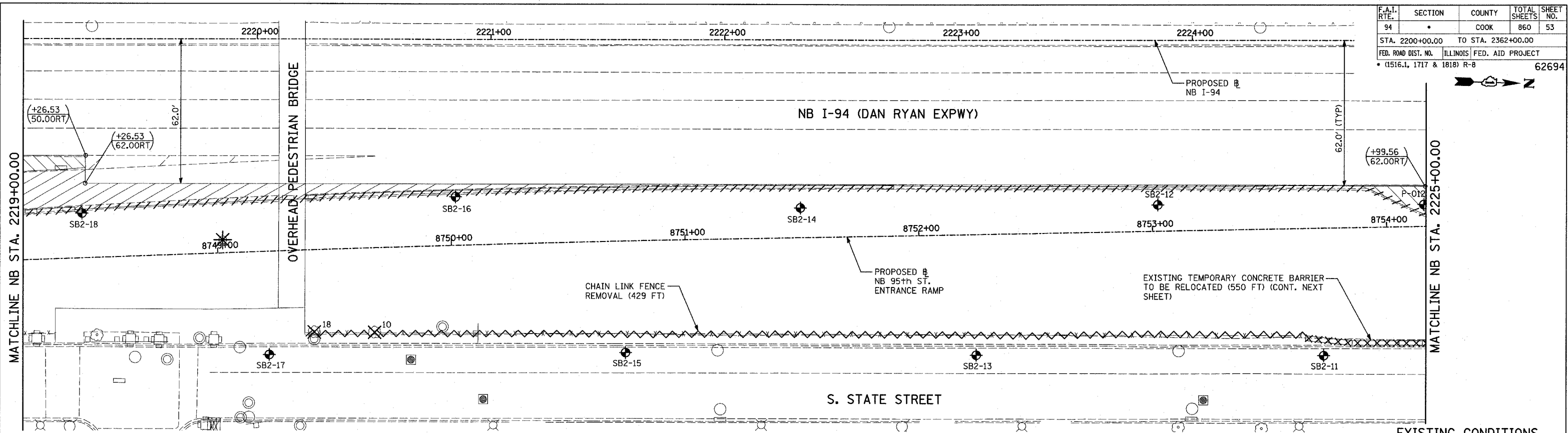
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

EXISTING AND PROPOSED PLAN  
NB 95th STREET ENTRANCE RAMP  
NB I-94 STA. 2214+00.00 TO 2219+00.00

SCALE: 1"=20'  
DATE: MARCH 18, 2005

DRAWN BY: MPG  
CHECKED BY: JPM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	53
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		* (1516.1, 1717 & 1818) R-8		
				62694



**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX / XX.XXRT) MAINLINE # STATION/OFFSET
- (+XX.XX / XX.XXRT) RAMP # STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**EXISTING AND PROPOSED PLAN**  
**NB 95th STREET ENTRANCE RAMP**  
**AND RETAINING WALL #2B**  
**NB I-94 STA. 2219+00.00 TO 2225+00.00**

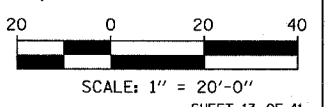
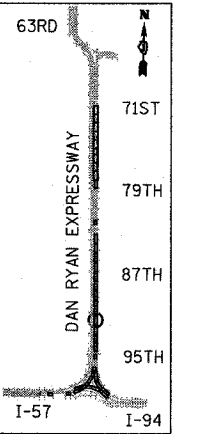
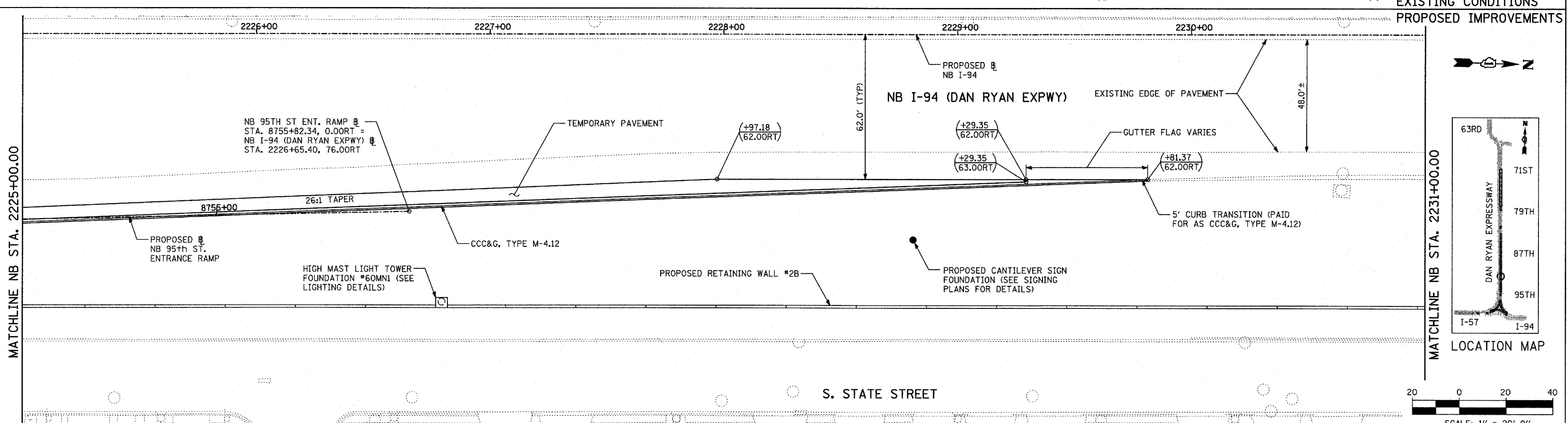
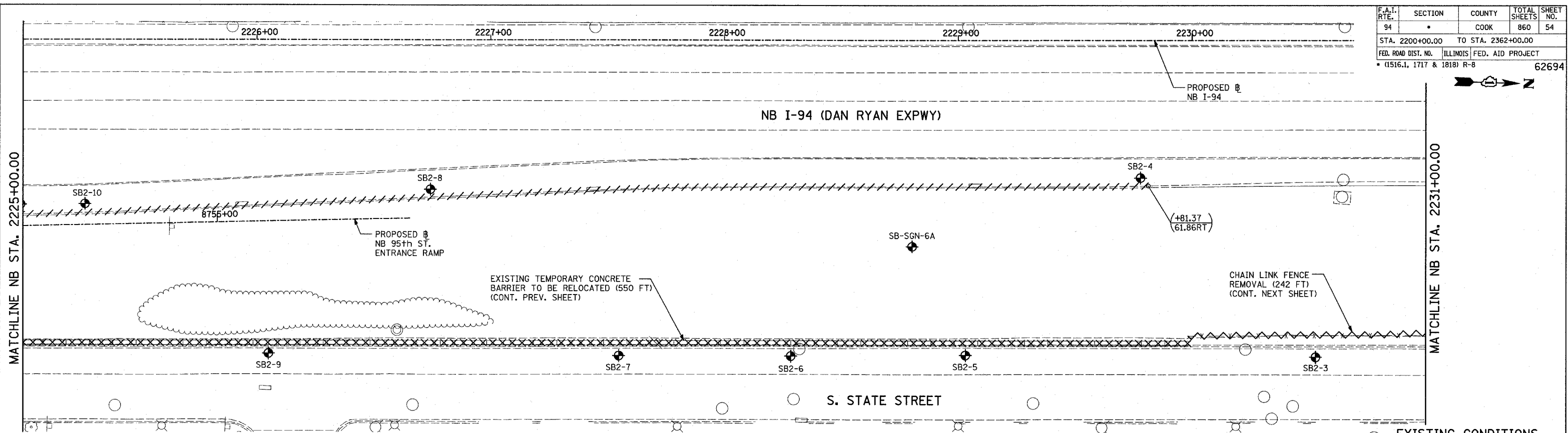
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DATE: MARCH 18, 2005

DRAWN BY: MPG  
CHECKED BY: JPM

**TYLIN INTERNATIONAL**

03/25/2005 10:02:44 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	54
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8				62694



**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- $(+XX.XX)$  MAINLINE  $\#$  STATION/OFFSET
- $(XX.XXRT)$  STATION/OFFSET
- $+XX.XX$  RAMP  $\#$  STATION/OFFSET
- $XX.XXRT$  STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

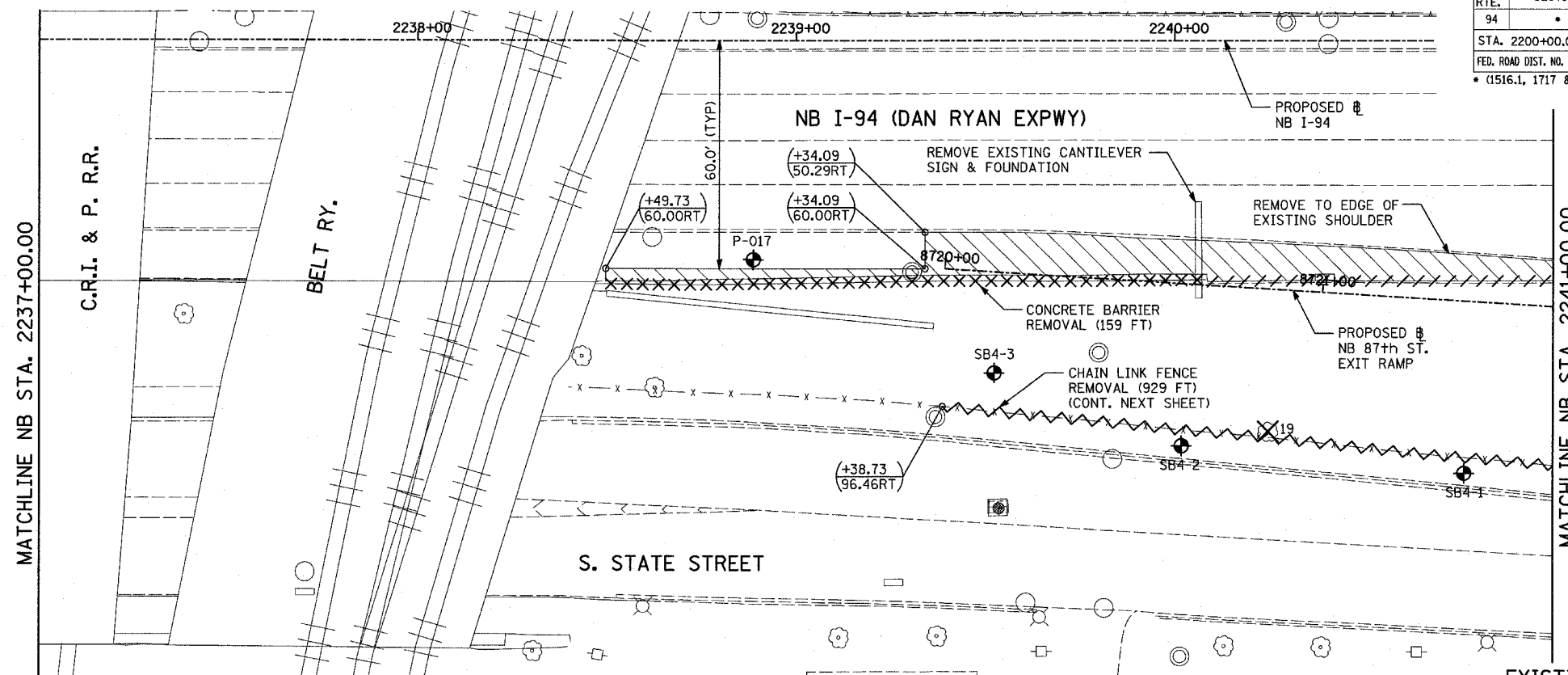
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING AND PROPOSED PLAN  
 NB 95th STREET ENTRANCE RAMP  
 AND RETAINING WALL #2B  
 NB I-94 STA. 2225+00.00 TO 2231+00.00  
 SCALE: 1" = 20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

TYLIN INTERNATIONAL

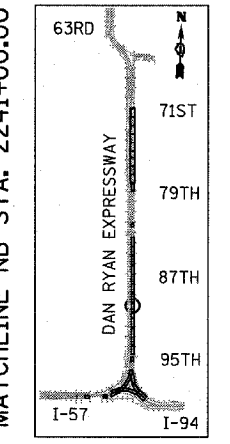
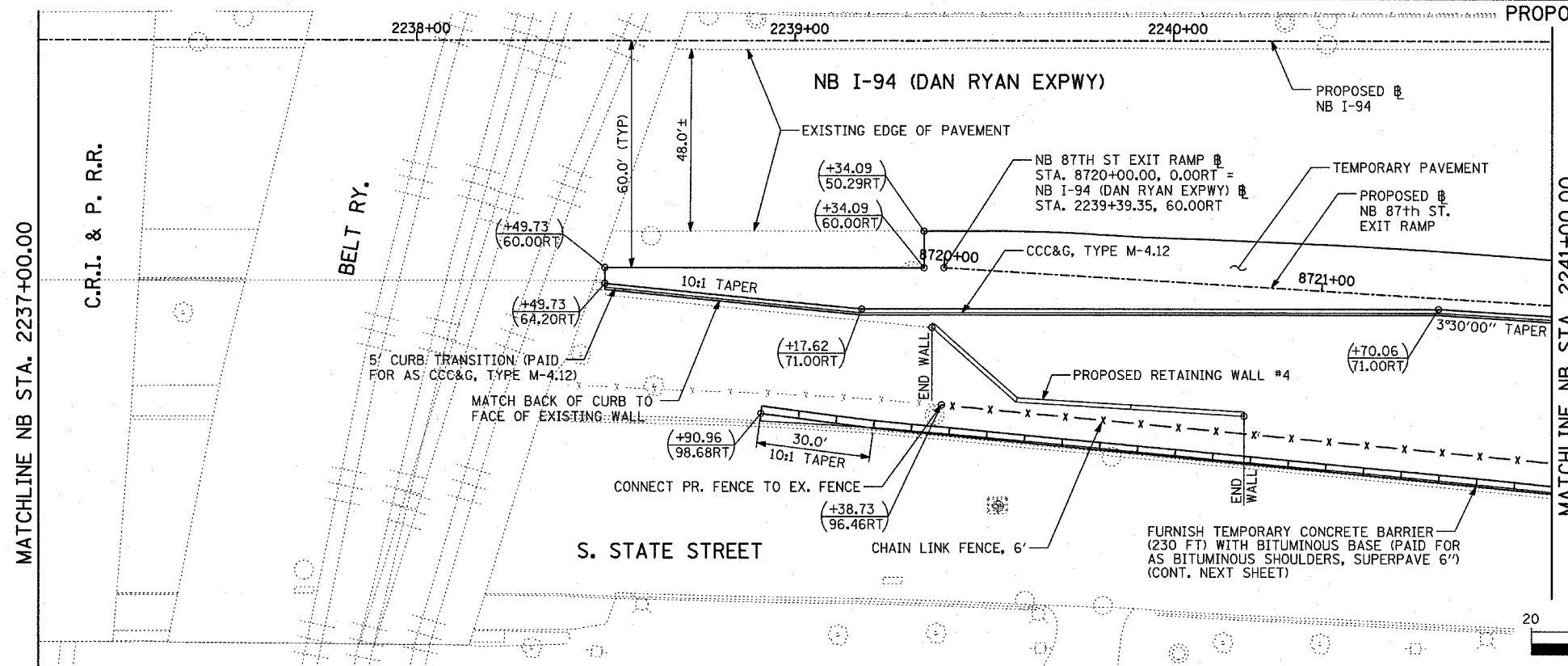




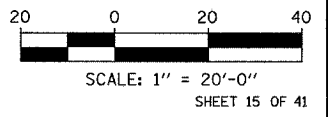
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	56
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8 62694				



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
- MAINLINE B STATION/OFFSET (XX.XXRT)
- RAMP B STATION/OFFSET (XX.XXRT)

- MAINLINE B STATION/OFFSET (XX.XXRT)
- RAMP B STATION/OFFSET (XX.XXRT)

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

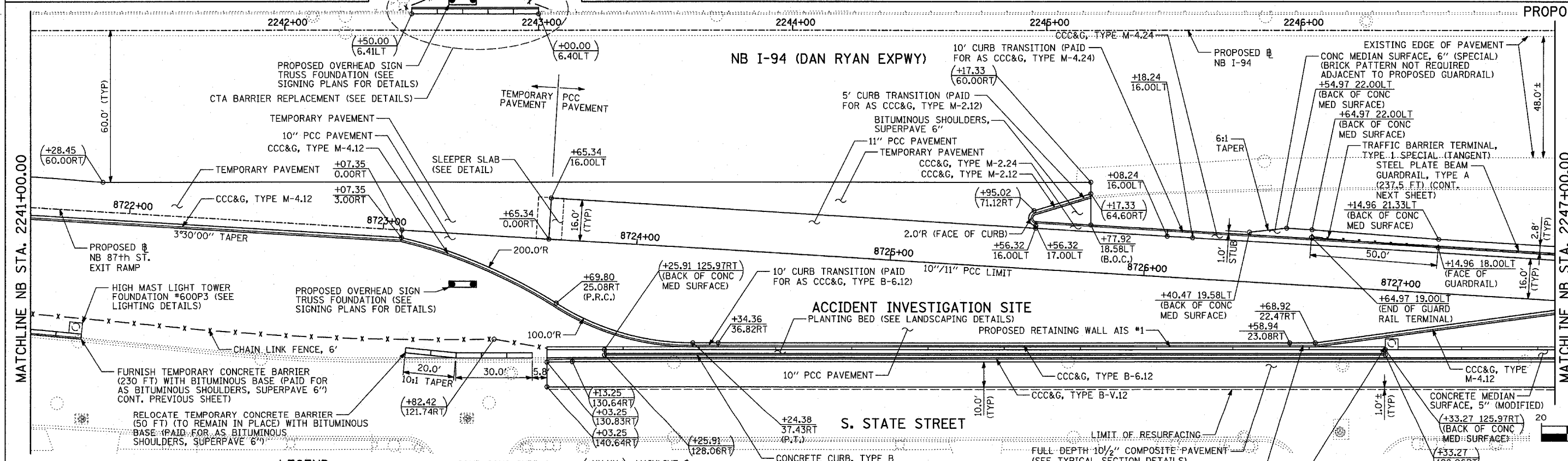
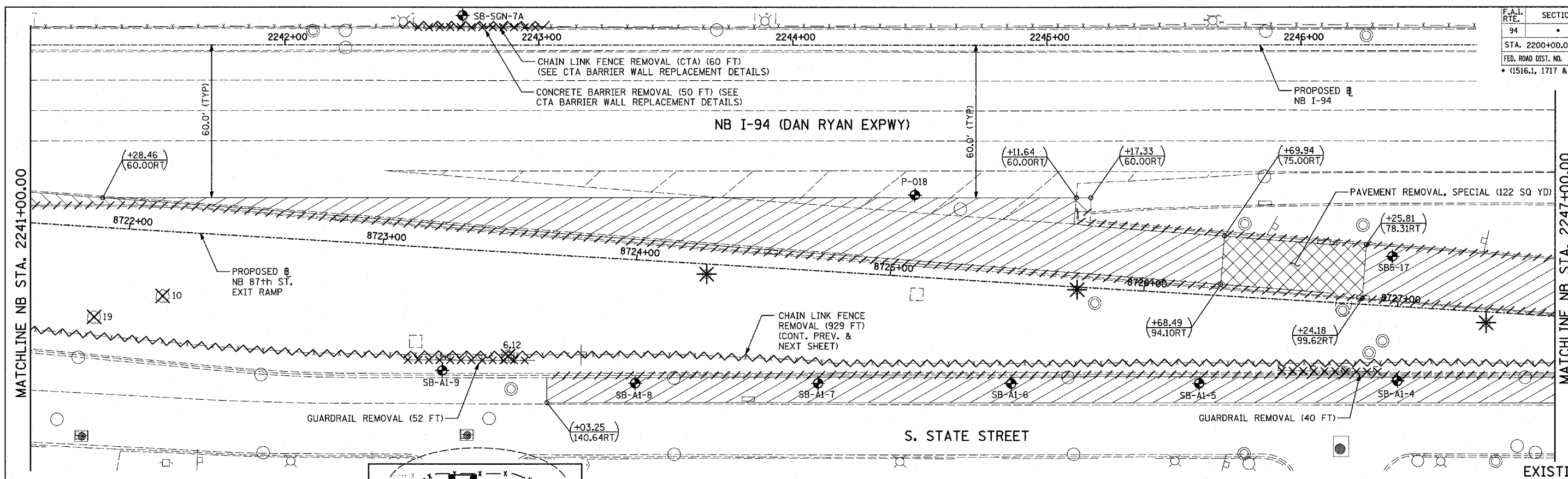
REVISIONS	
NAME	DATE

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

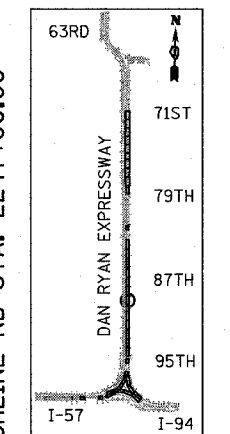
**EXISTING AND PROPOSED PLAN  
NB 87th STREET EXIT RAMP  
NB I-94 STA. 2237+00.00 TO 2241+00.00**

SCALE: 1"=20'  
DATE: MARCH 18, 2005

DRAWN BY: MPG  
CHECKED BY: JPM



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP

**LEGEND:**

- |  |                                    |  |   |  |   |
|--|------------------------------------|--|---|--|---|
|  | PAVEMENT REMOVAL                   |  | CHAIN LINK FENCE REMOVAL                  |  | SOIL BORING LOCATIONS   |
|  | PAVED SHOULDER REMOVAL             |  | CONCRETE BARRIER/GUARDRAIL REMOVAL        |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) |
|  | PAVEMENT/SHOULDER REMOVAL, SPECIAL |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6) |  |   |

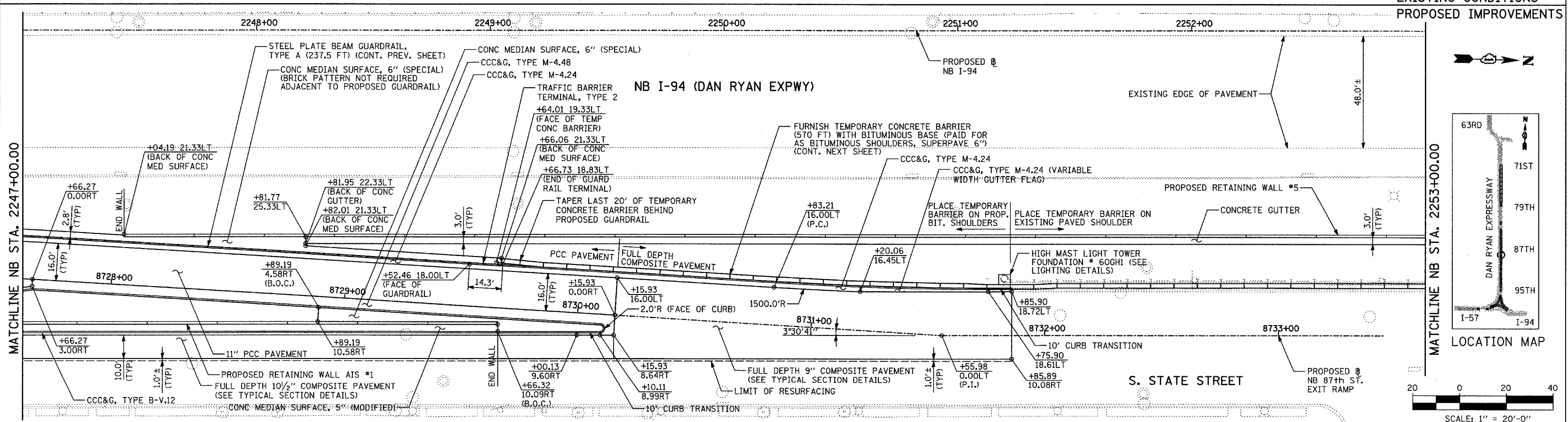
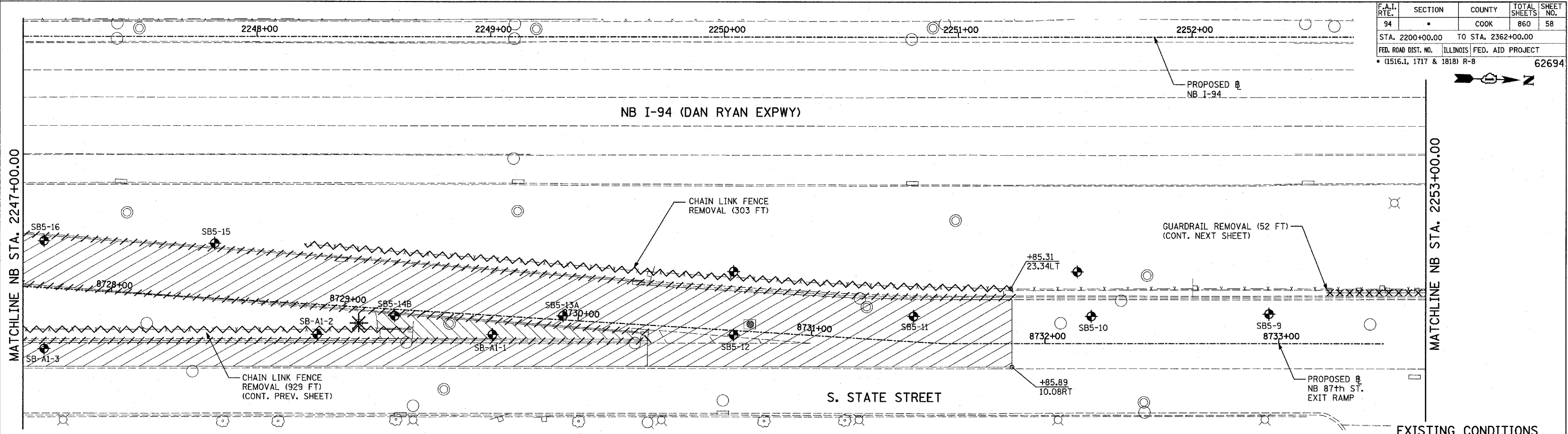
**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING AND PROPOSED PLAN**  
NB 87th STREET EXIT RAMP  
NB I-94 STA. 2241+00.00 TO 2247+00.00  
SCALE: 1"=20'  
DATE: MARCH 18, 2005  
DRAWN BY: MPG  
CHECKED BY: JPM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	58
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717 & 1818) R-8		62694		



**LEGEND:**

	PAVEMENT REMOVAL		CHAIN LINK FENCE REMOVAL		SOIL BORING LOCATIONS
	PAVED SHOULDER REMOVAL		CONCRETE BARRIER/GUARDRAIL REMOVAL		LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
	PAVEMENT/SHOULDER REMOVAL, SPECIAL		TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6)		
			COMB CONC CURB & GUTTER REMOVAL		

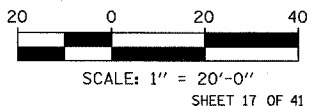
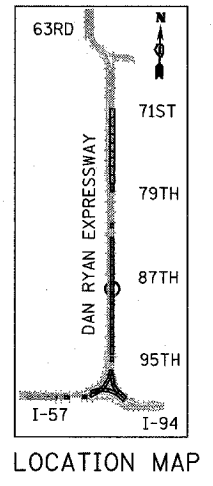
**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

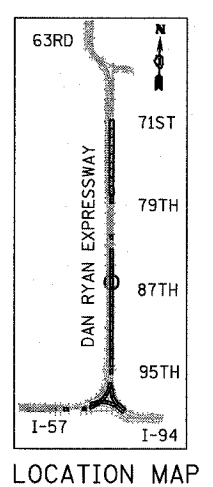
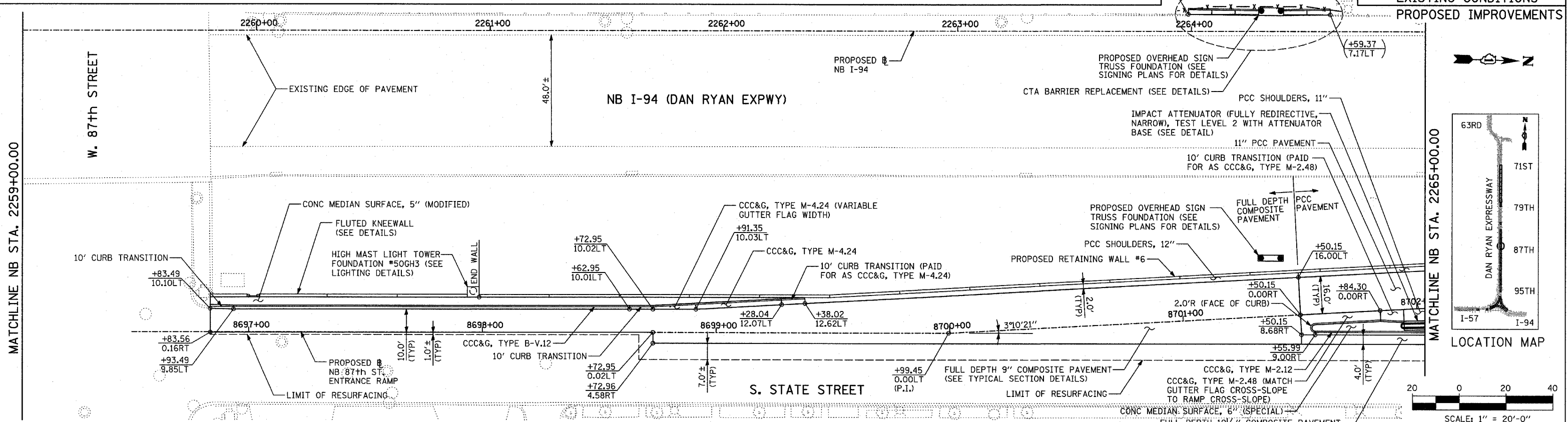
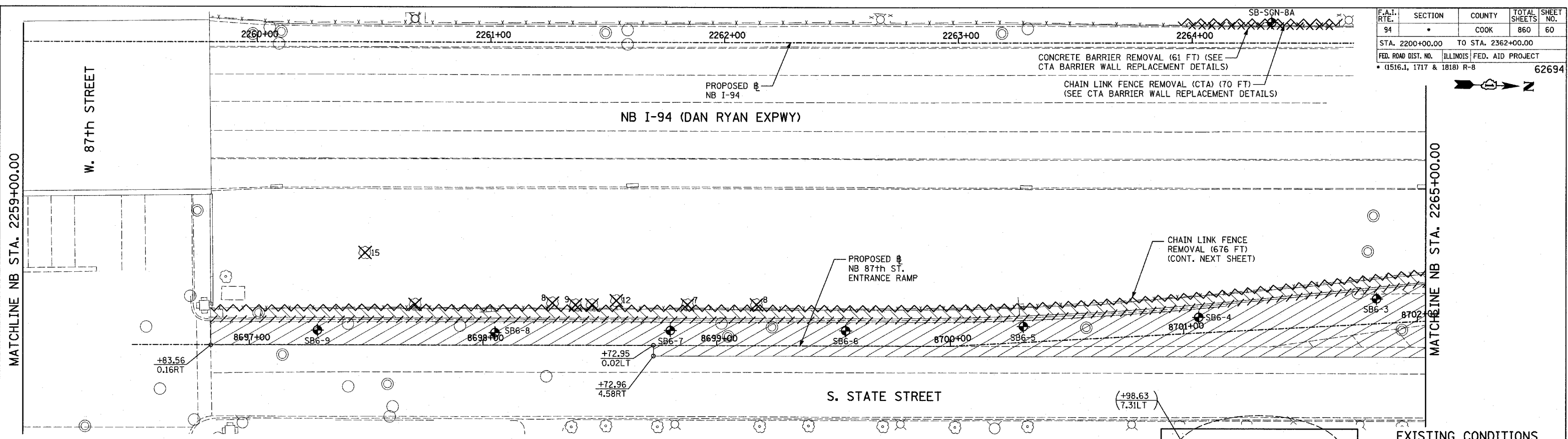
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**EXISTING AND PROPOSED PLAN**  
**NB 87th STREET EXIT RAMP**  
**AND RETAINING WALL #5**  
**NB I-94 STA. 2247+00.00 TO 2253+00.00**  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

**TYLIN INTERNATIONAL**





F.A.I. RTE. 94	SECTION	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 60
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1516.1, 1717 & 1818		R-8 62694		



**LEGEND:**

	PAVEMENT REMOVAL		CHAIN LINK FENCE REMOVAL		CONC BARRIER/GUARDRAIL REMOVAL		TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6)		SOIL BORING LOCATIONS		LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
	PAVED SHOULDER REMOVAL		CONCRETE BARRIER/GUARDRAIL REMOVAL		TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6)		SOIL BORING LOCATIONS		LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)		
	PAVEMENT/SHOULDER REMOVAL, SPECIAL		CHAIN LINK FENCE REMOVAL		CONC BARRIER/GUARDRAIL REMOVAL		TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6)		SOIL BORING LOCATIONS		LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**REVISIONS**

NAME	DATE

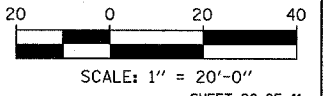
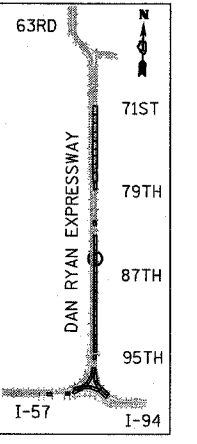
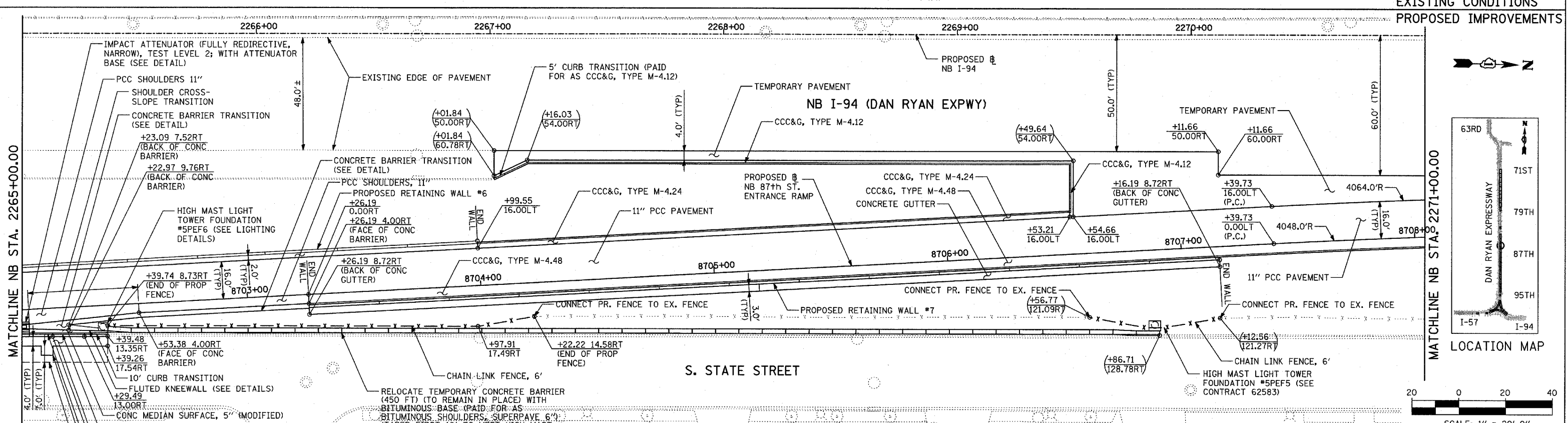
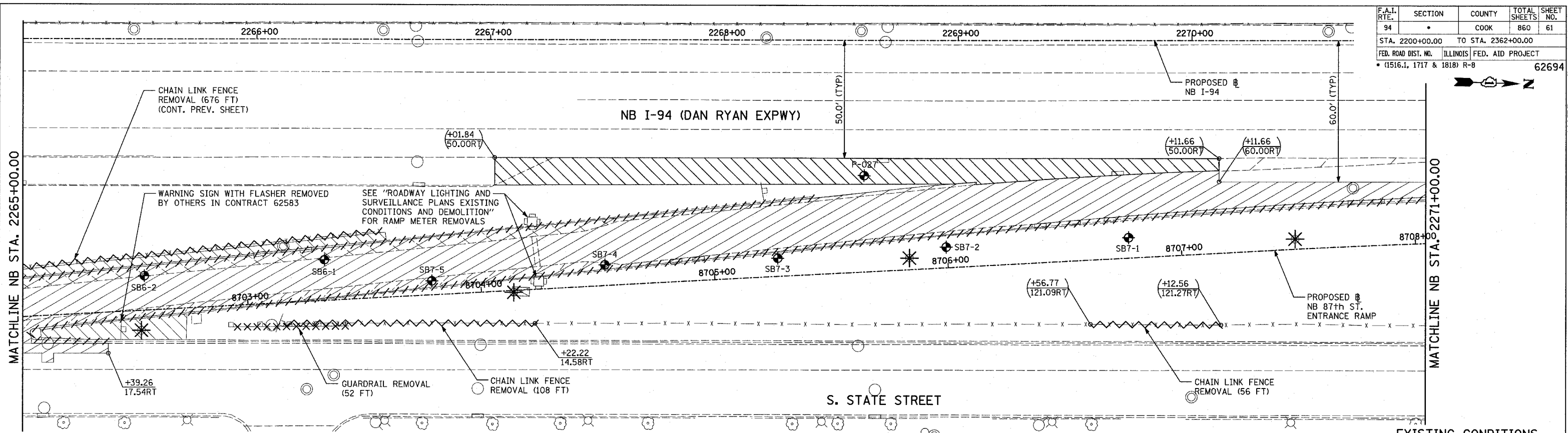
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**

**EXISTING AND PROPOSED PLAN  
 NB 87th STREET ENTRANCE RAMP  
 NB I-94 STA. 2259+00.00 TO 2265+00.00**

SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

**TYLIN INTERNATIONAL**

03/25/2005 10:05:54 AM



**LEGEND:**

- PAVEMENT REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX) MAINLINE # STATION/OFFSET
- (XX.XXRT) RAMP # STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

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

**EXISTING AND PROPOSED PLAN  
 NB 87th STREET ENTRANCE RAMP  
 NB I-94 STA. 2265+00.00 TO 2271+00.00**

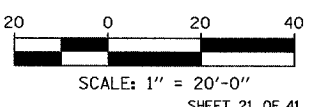
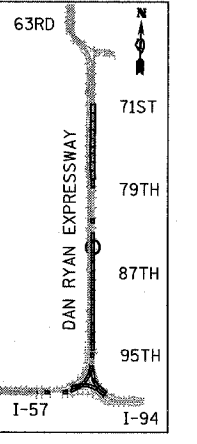
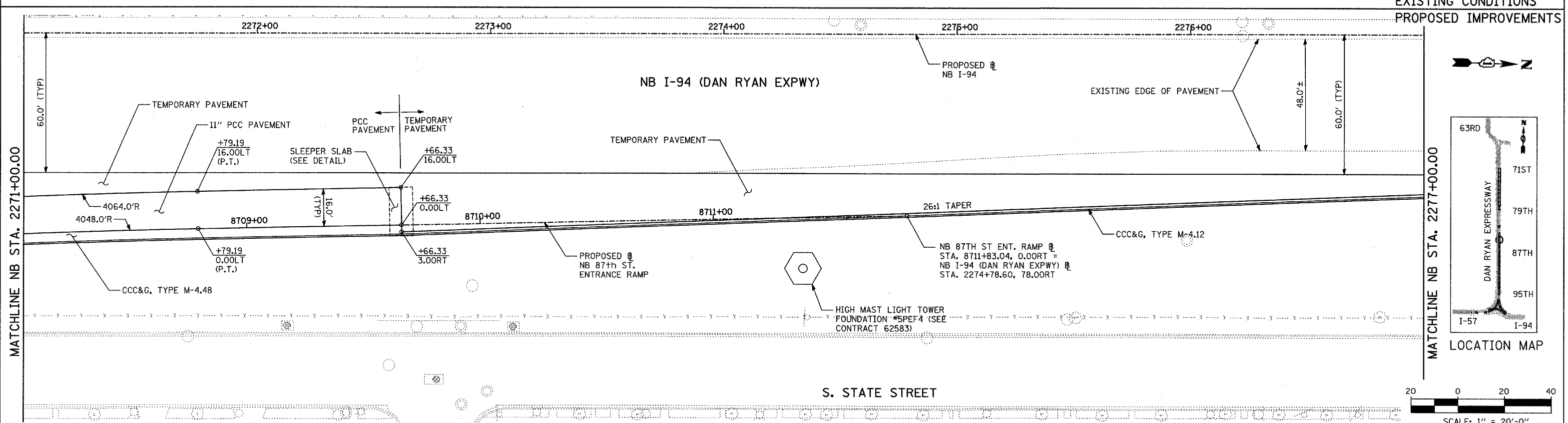
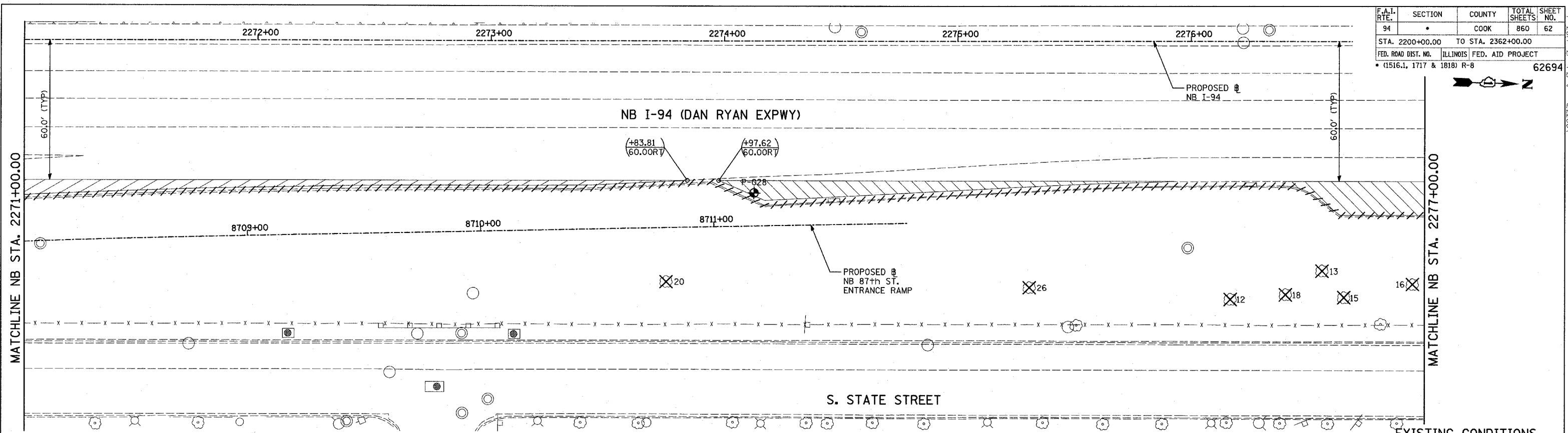
SCALE: 1"=20'  
 DATE: MARCH 18, 2005

DRAWN BY: MPG  
 CHECKED BY: JPM

**TYLIN INTERNATIONAL**

NOTE #1: ADDITIONAL PAVEMENT FOR SEWER INSTALLATION (SEE PAVEMENT DETAILS AND DRAINAGE PLANS FOR LOCATIONS)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	62
STA. 2200+00.00 TO STA. 2362+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		* (1516.1, 1717 & 1818) R-8		
		62694		



**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX)** MAINLINE # STATION/OFFSET
- (XX.XXRT)** RAMP # STATION/OFFSET
- +XX.XX** MAINLINE # STATION/OFFSET
- XX.XXRT** RAMP # STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

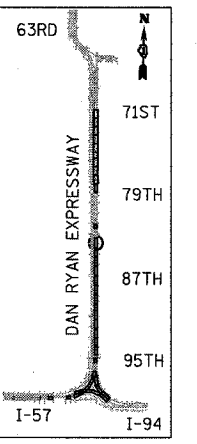
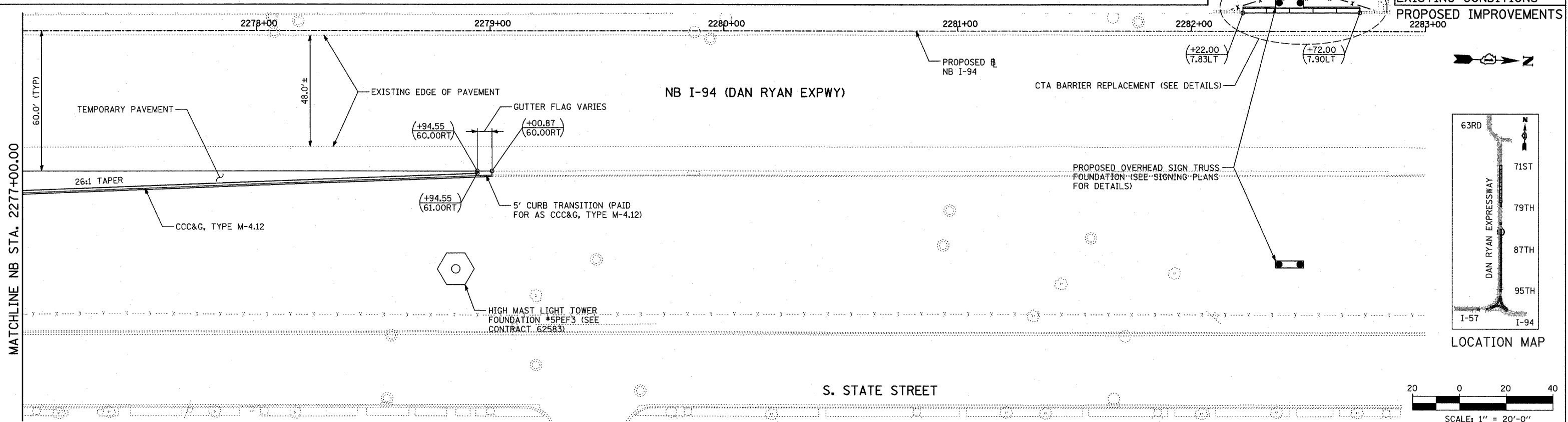
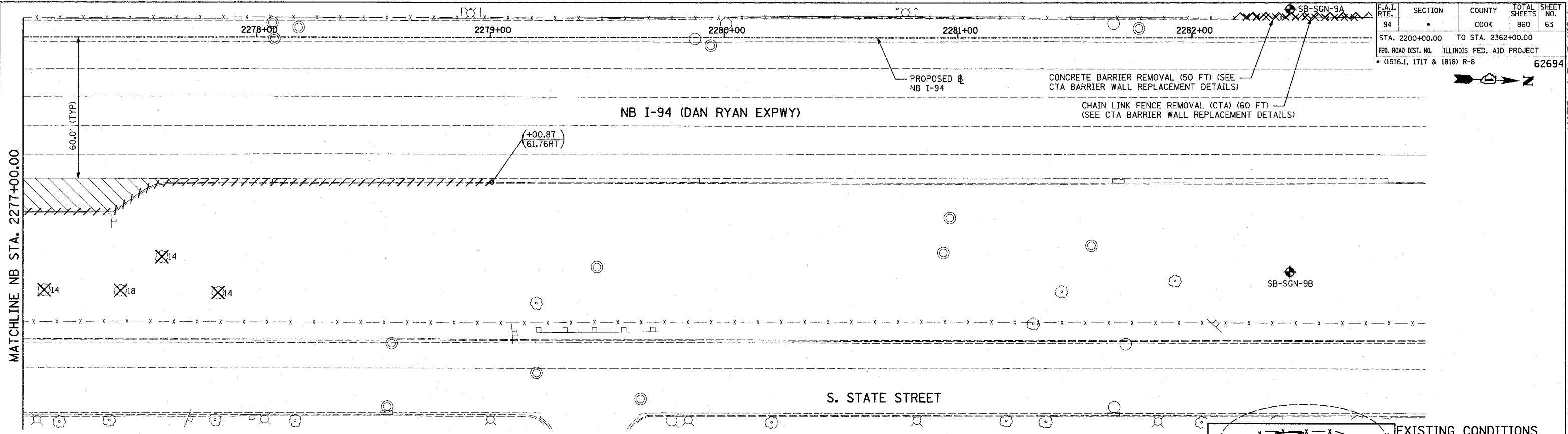
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**EXISTING AND PROPOSED PLAN**  
**NB 87th STREET ENTRANCE RAMP**  
**NB I-94 STA. 2271+00.00 TO 2277+00.00**  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

**TYLIN INTERNATIONAL**

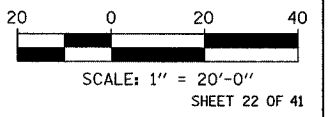
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	63
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



LOCATION MAP



**LEGEND:**

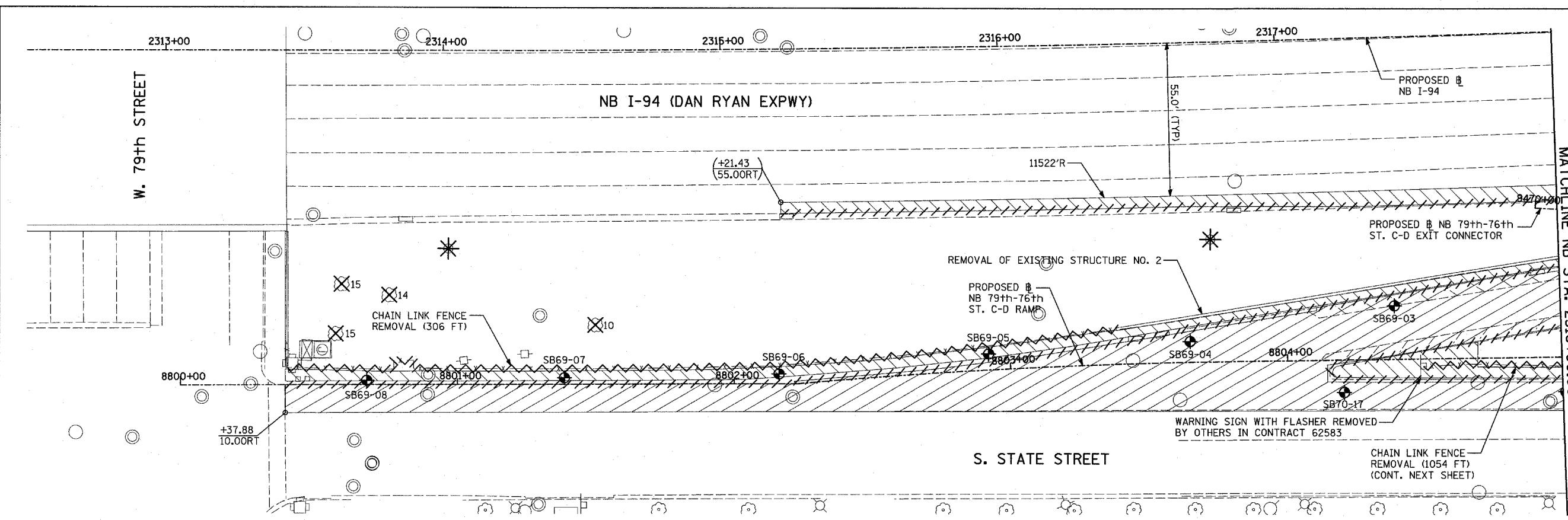
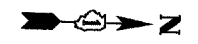
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|--|------------------------------------|--|---|---|---------------------------|
|  | PAVEMENT REMOVAL                   |  | COMB CONC CURB & GUTTER REMOVAL                               |   | MAINLINE B STATION/OFFSET |
|  | PAVED SHOULDER REMOVAL             |  | CHAIN LINK FENCE REMOVAL                                      |   | RAMP B STATION/OFFSET     |
|  | PAVEMENT/SHOULDER REMOVAL, SPECIAL |  | CONCRETE BARRIER/GUARDRAIL REMOVAL                            |   |                           |
|  |                                    |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)                     | <b>NOTES:</b>   |                           |
|  |                                    |  | SOIL BORING LOCATIONS   | - ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. |                           |
|  |                                    |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) | - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED                        |                           |

**TYLIN** INTERNATIONAL

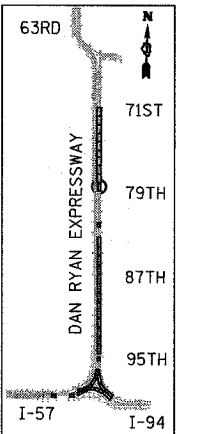
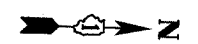
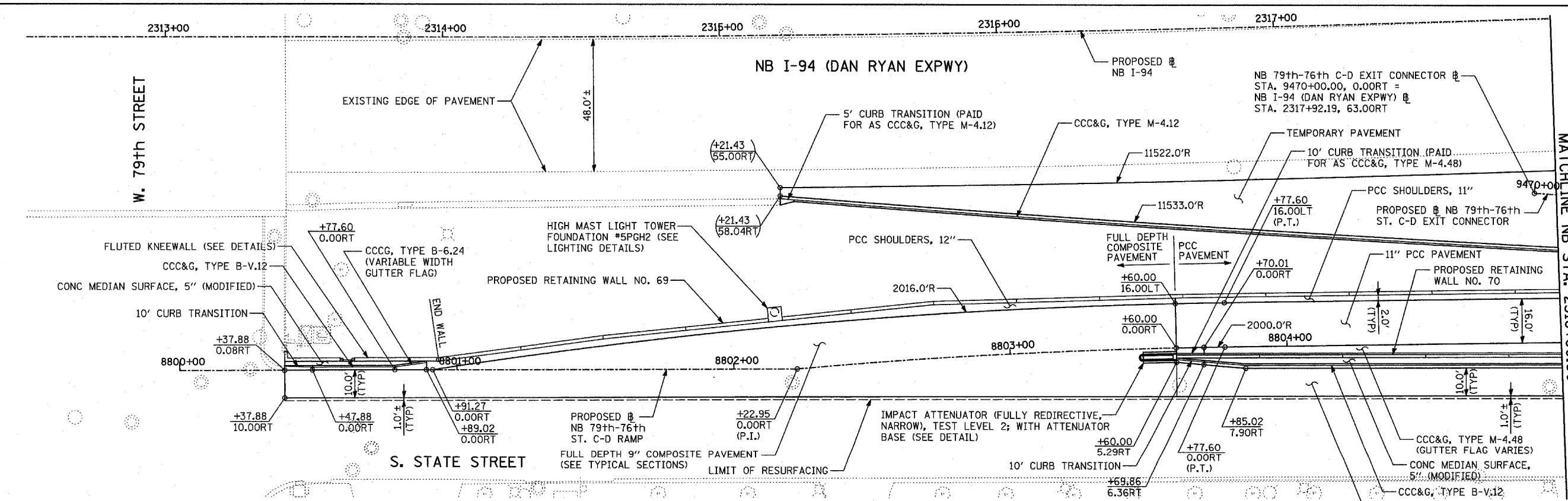
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
 EXISTING AND PROPOSED PLAN  
 NB 87th STREET ENTRANCE RAMP  
 NB I-94 STA. 2277+00.00 TO 2279+00.87  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

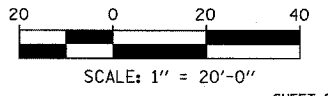
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	64
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



SHEET 23 OF 41

**LEGEND:**

	PAVEMENT REMOVAL		COMB CONC CURB & GUTTER REMOVAL		SOIL BORING LOCATIONS
	PAVED SHOULDER REMOVAL		CHAIN LINK FENCE REMOVAL		LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
	PAVEMENT/SHOULDER REMOVAL, SPECIAL		CONCRETE BARRIER/GUARDRAIL REMOVAL		TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

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

EXISTING AND PROPOSED PLAN  
NB 79th TO 76th STREET C-D RAMP  
NB I-94 STA. 2313+43.22 TO 2318+00.00

SCALE: 1"=20'  
DATE: MARCH 18, 2005

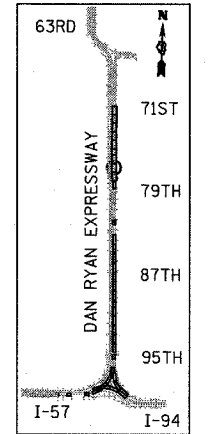
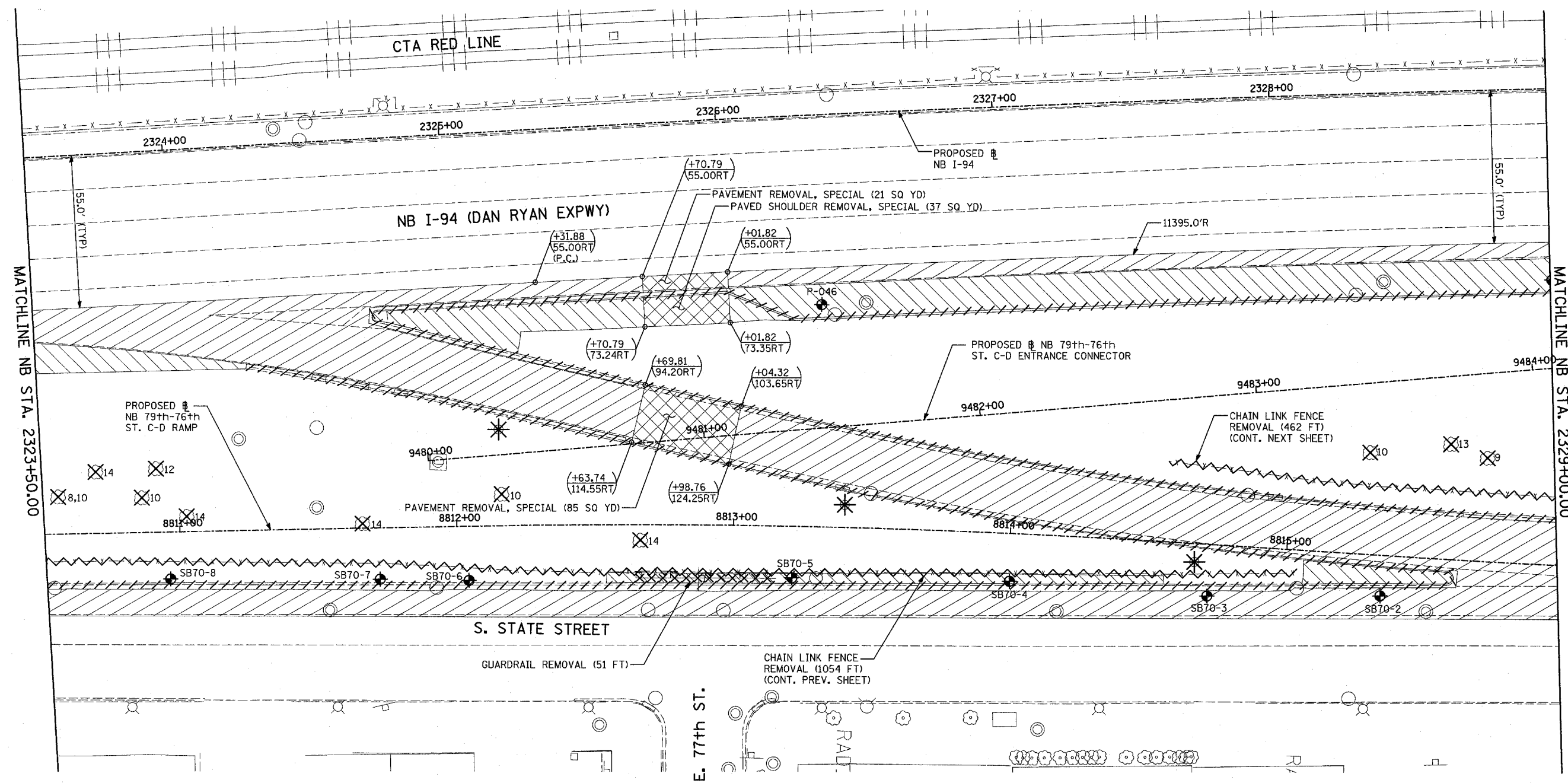
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CHECKED BY: JPM

TYLIN INTERNATIONAL

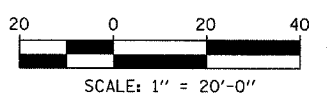




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	67
STA. 2200+00.00 TO STA. 2362+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		• (1516.1, 1717 & 1818) R-8		
62694				



LOCATION MAP



**LEGEND:**

- PAVEMENT REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- $(+XX.XX)$  MAINLINE  $\#$  STATION/OFFSET
- $(XX.XXRT)$  RAMP  $\#$  STATION/OFFSET
- $XX.XXRT$  STATION/OFFSET

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

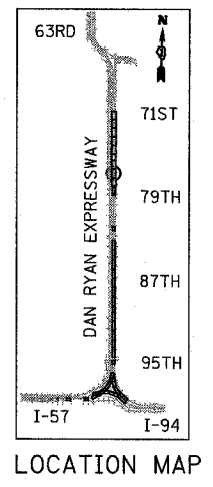
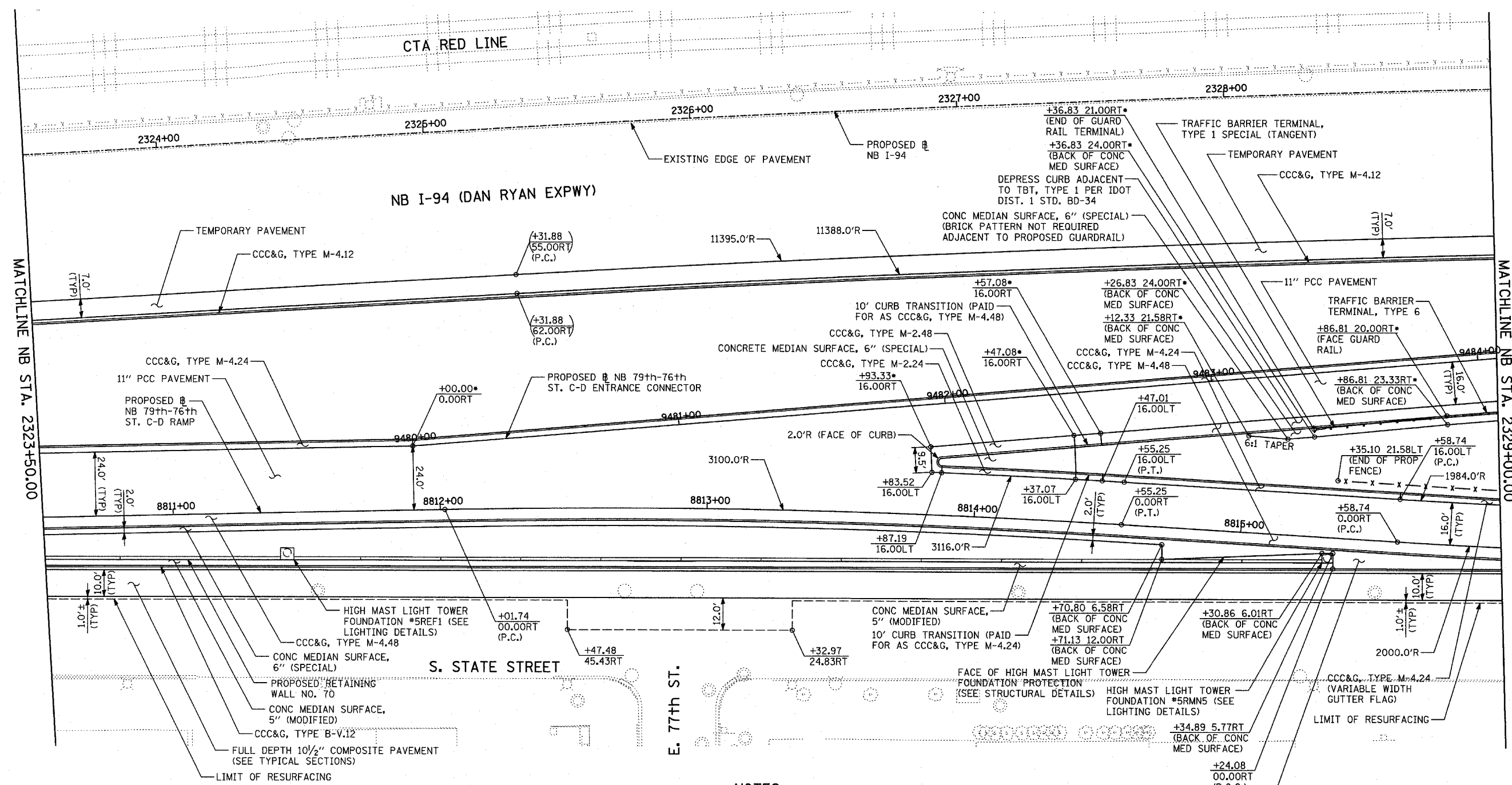
**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING PLAN**  
 NB 79th TO 76th STREET C-D RAMP  
 NB I-94 STA. 2323+50.00 TO 2329+00.00  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

PA-02-33 road.ctb (03/18/05 10:08:54 AM)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	68
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



**NOTES:**

- THESE STATION/OFFSET CALLOUTS ARE BASED UPON THE 79th-76th C-D ENTRANCE CONNECTOR ALIGNMENT.

<b>LEGEND:</b>		//////	COMB CONC CURB & GUTTER REMOVAL	(+XX.XX XX.XXRT)	MAINLINE B STATION/OFFSET
	PAVEMENT REMOVAL	~~~~~	CHAIN LINK FENCE REMOVAL	+XX.XX XX.XXRT	RAMP B STATION/OFFSET
	PAVED SHOULDER REMOVAL	XXXXXX	CONCRETE BARRIER/GUARDRAIL REMOVAL		
	PAVEMENT/SHOULDER REMOVAL, SPECIAL	X10	TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)		
		⊙	SOIL BORING LOCATIONS		
		⊛	LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)		

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

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

**PROPOSED PLAN**  
 NB 79th TO 76th STREET C-D RAMP  
 NB I-94 STA. 2323+50.00 TO 2329+00.00

SCALE: 1"=20'  
 DATE: MARCH 18, 2005

DRAWN BY: MPG  
 CHECKED BY: JPM

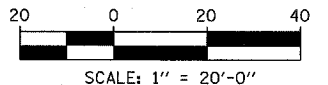
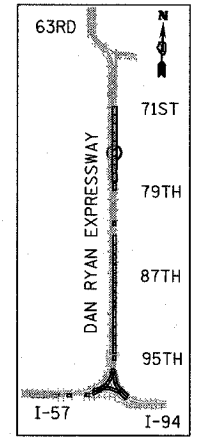
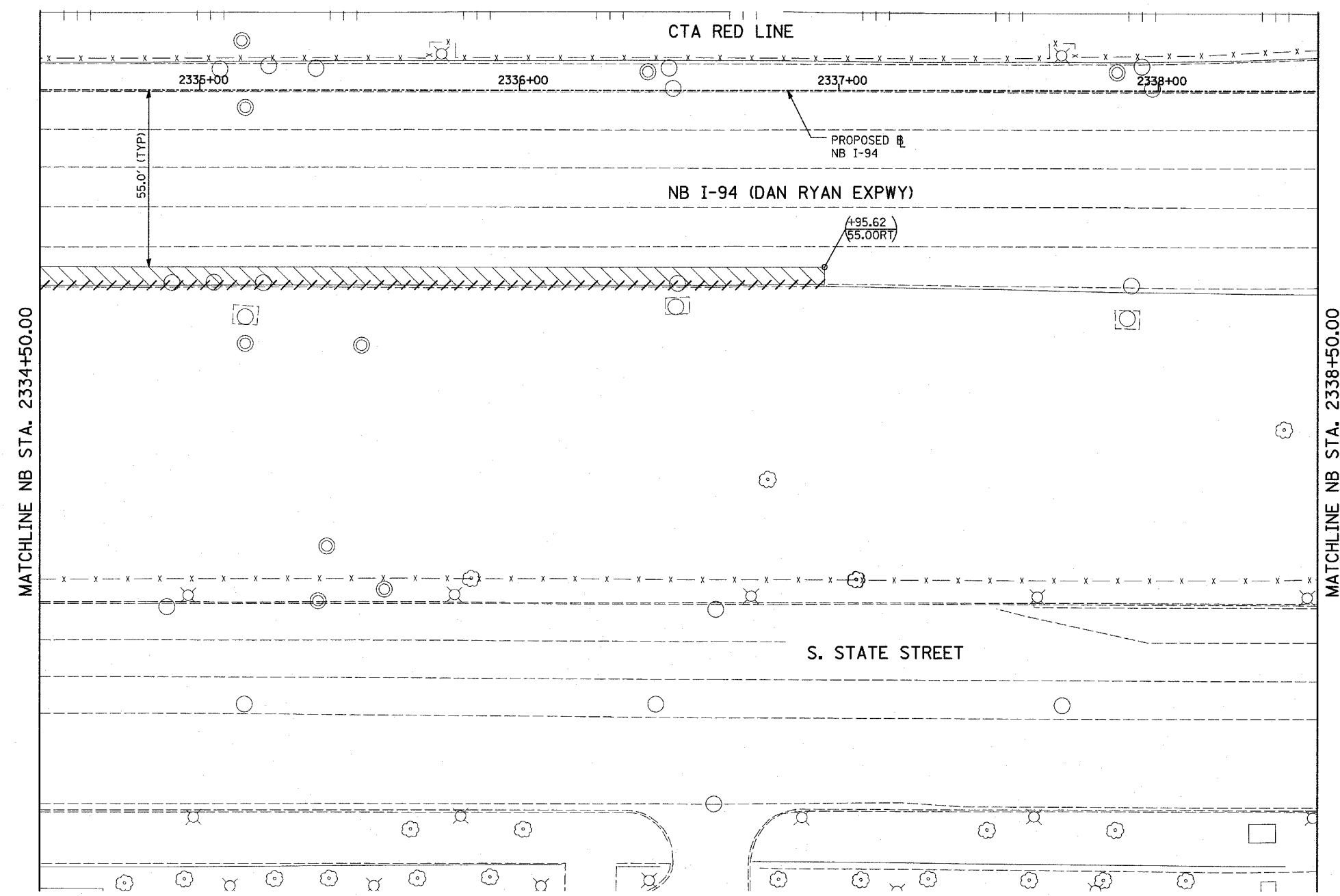
**TYLIN INTERNATIONAL**







F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	71
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8		62694		



MATCHLINE NB STA. 2334+50.00

MATCHLINE NB STA. 2338+50.00

**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB. CONC. CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX) MAINLINE # STATION/OFFSET
- (XX.XXRT) STATION/OFFSET
- +XX.XX RAMP #
- XX.XXRT STATION/OFFSET

**NOTES:**

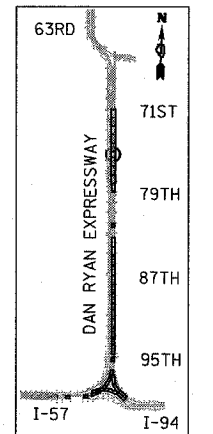
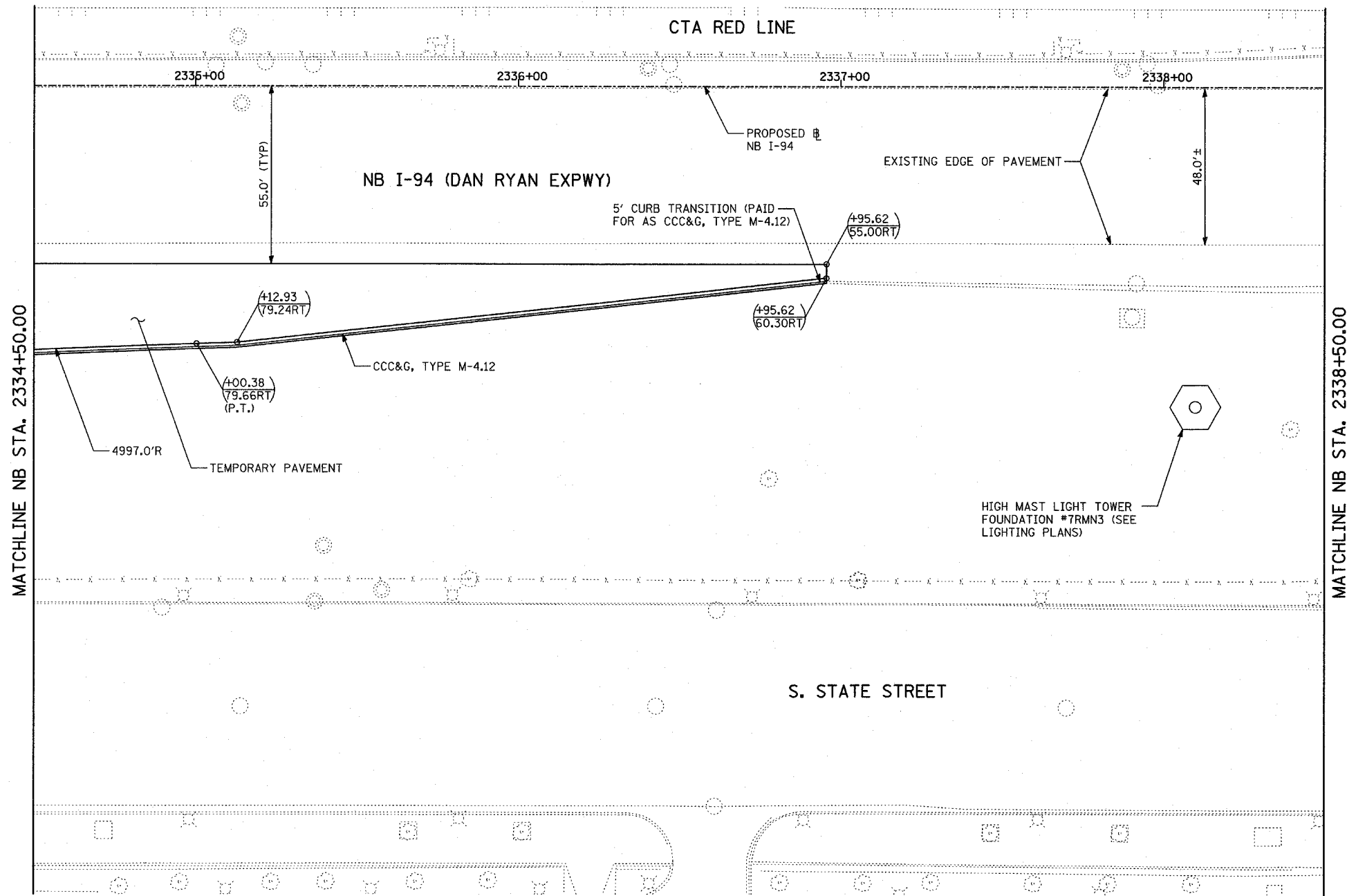
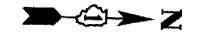
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**TYLIN** INTERNATIONAL

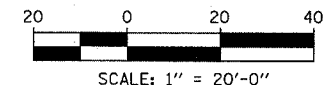
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING PLAN  
 NB 79th TO 76th STREET C-D RAMP  
 NB I-94 STA. 2334+50.00 TO 2338+50.00  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

P:\0237\3\road\tr\ppl\cash9130.dgn 03/25/2005 10:08 AM



LOCATION MAP



MATCHLINE NB STA. 2334+50.00

MATCHLINE NB STA. 2338+50.00

**LEGEND:**

- |  |                                    |  |                                    |  |   |
|--|------------------------------------|--|------------------------------------|--|---|
|  | PAVEMENT REMOVAL                   |  | COMB CONC CURB & GUTTER REMOVAL    |  | SOIL BORING LOCATIONS   |
|  | PAVED SHOULDER REMOVAL             |  | CHAIN LINK FENCE REMOVAL           |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)                     |
|  | PAVEMENT/SHOULDER REMOVAL, SPECIAL |  | CONCRETE BARRIER/GUARDRAIL REMOVAL |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) |

- (+XX.XX) MAINLINE  $\#$  STATION/OFFSET  
 (XX.XXRT)  
 +XX.XX RAMP  $\#$   
 XX.XXRT STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

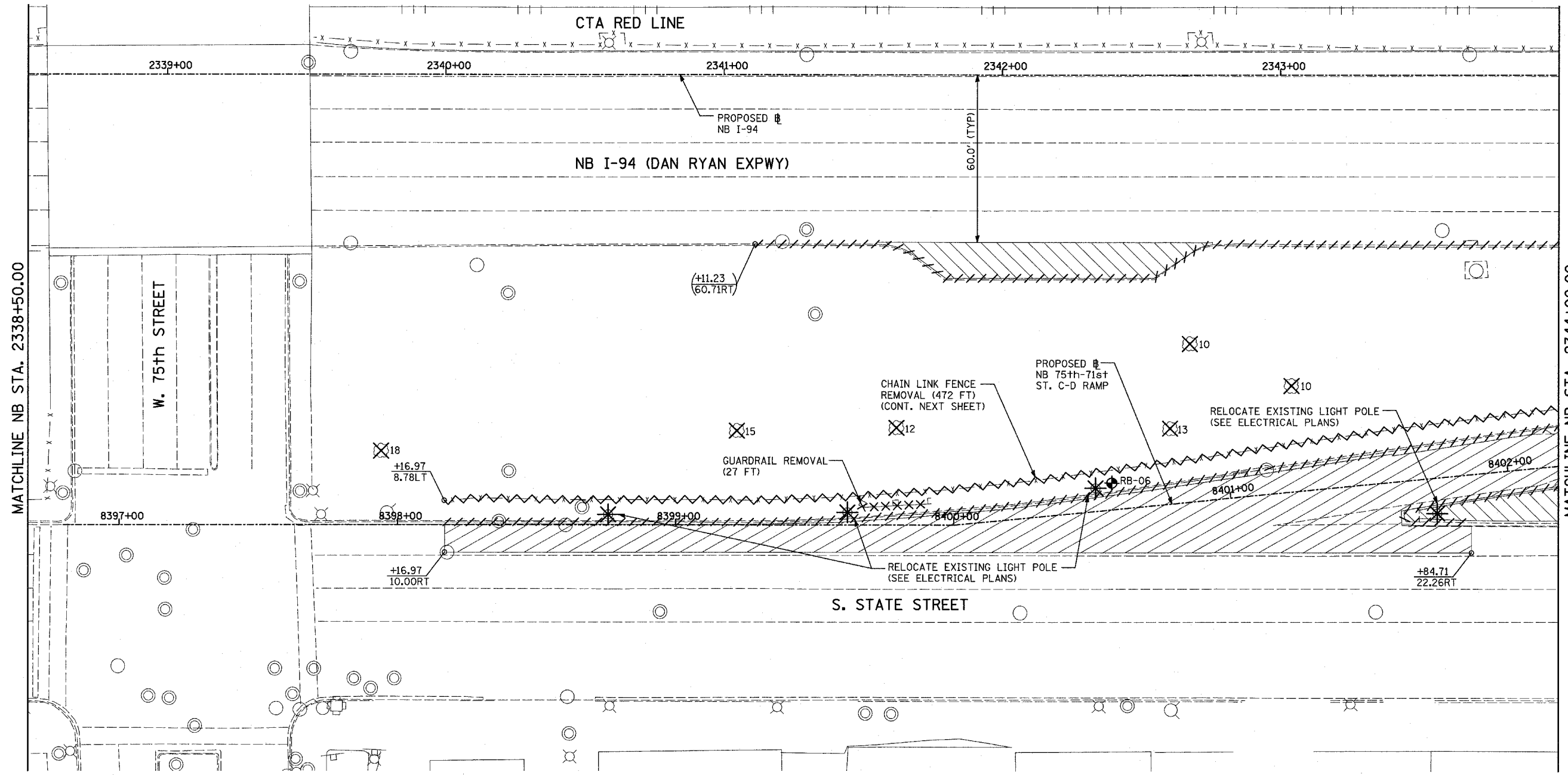
**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**PROPOSED PLAN**  
 NB 79th TO 76th STREET C-D RAMP  
 NB I-94 STA. 2334+50.00 TO 2338+50.00  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

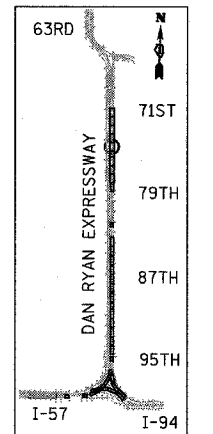
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	73
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		

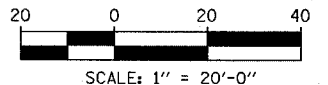


MATCHLINE NB STA. 2344+00.00

MATCHLINE NB STA. 2338+50.00



LOCATION MAP



**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- (+XX.XX / XX.XXRT)** MAINLINE # STATION/OFFSET
- +XX.XX / XX.XXRT** RAMP # STATION/OFFSET

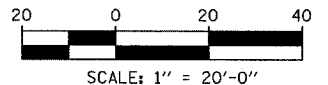
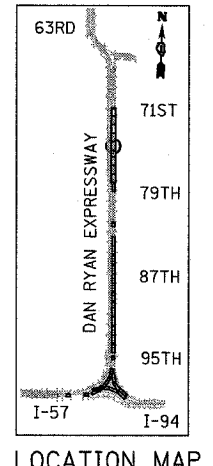
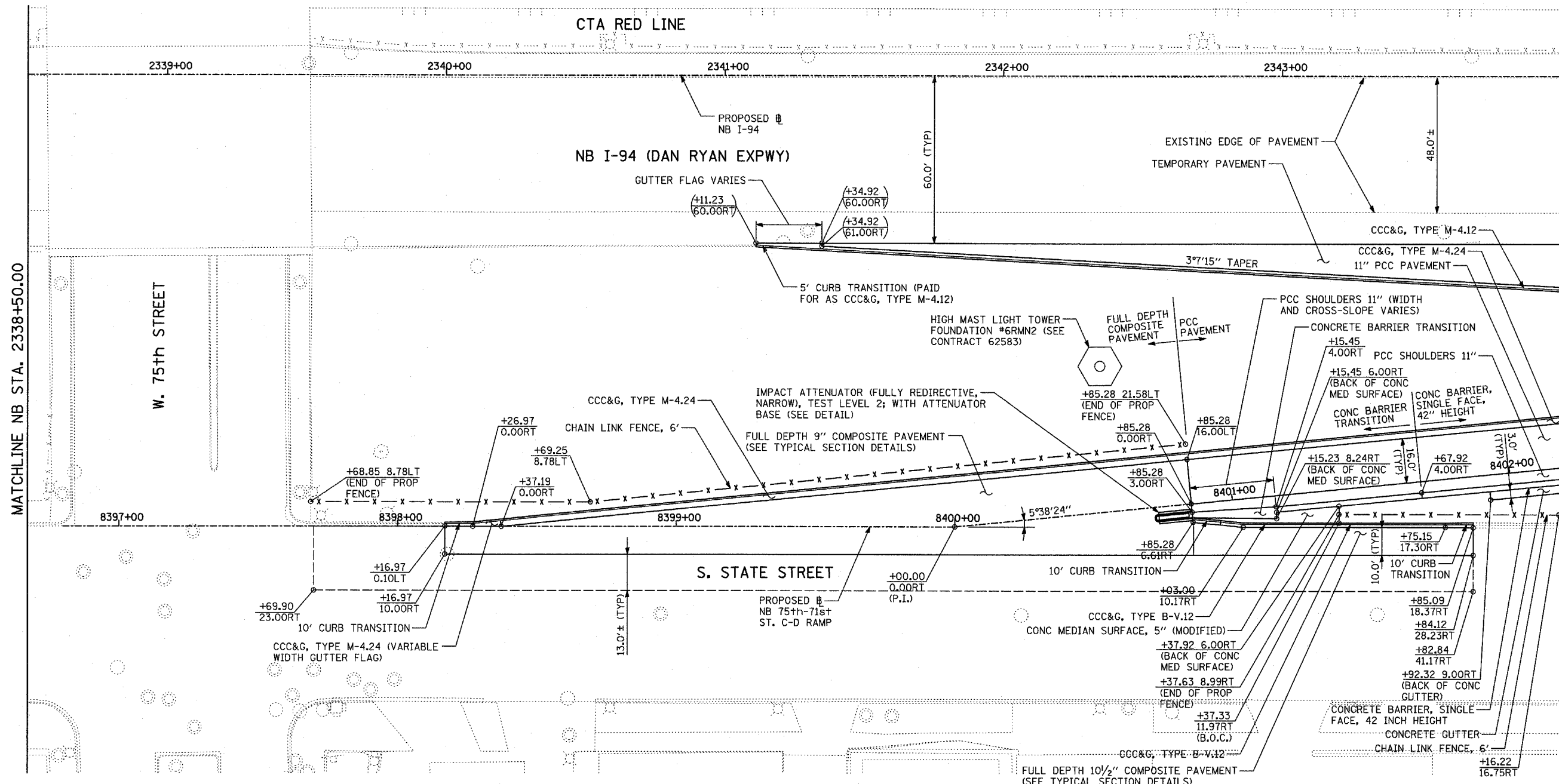
- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING PLAN**  
 NB 75th TO 71st STREET C-D RAMP  
 NB I-94 STA. 2338+50.00 TO 2344+00.00  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

**TYLIN** INTERNATIONAL

03/25/2005 10:00:58 AM



**LEGEND:**

	PAVEMENT REMOVAL		COMB CONC CURB & GUTTER REMOVAL		SOIL BORING LOCATIONS
	PAVED SHOULDER REMOVAL		CHAIN LINK FENCE REMOVAL		LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
	PAVEMENT/SHOULDER REMOVAL, SPECIAL		CONCRETE BARRIER/GUARDRAIL REMOVAL		
			TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)		

(+XX.XX) MAINLINE @ STATION/OFFSET  
 (XX.XXRT)  
 +XX.XX RAMP @ STATION/OFFSET  
 XX.XXRT

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

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

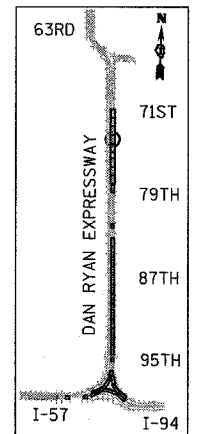
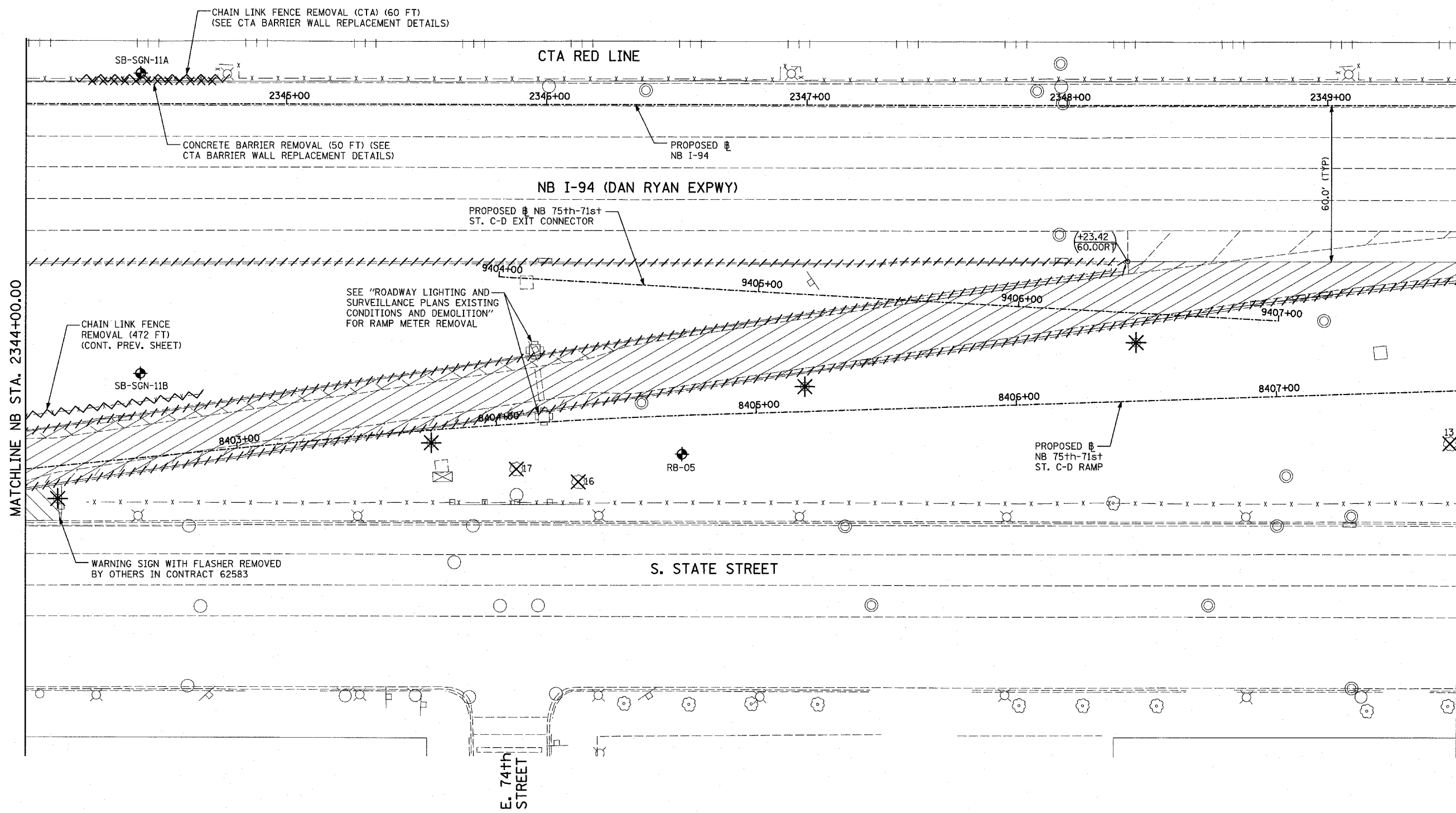
**PROPOSED PLAN**  
 NB 75th TO 71st STREET C-D RAMP  
 NB I-94 STA. 2338+50.00 TO 2344+00.00

SCALE: 1"=20'  
 DATE: MARCH 18, 2005

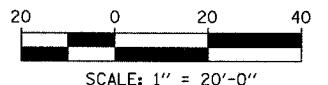
DRAWN BY: MPG  
 CHECKED BY: JPM

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	75
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8		62694		



LOCATION MAP



**LEGEND:**

- PAVEMENT REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

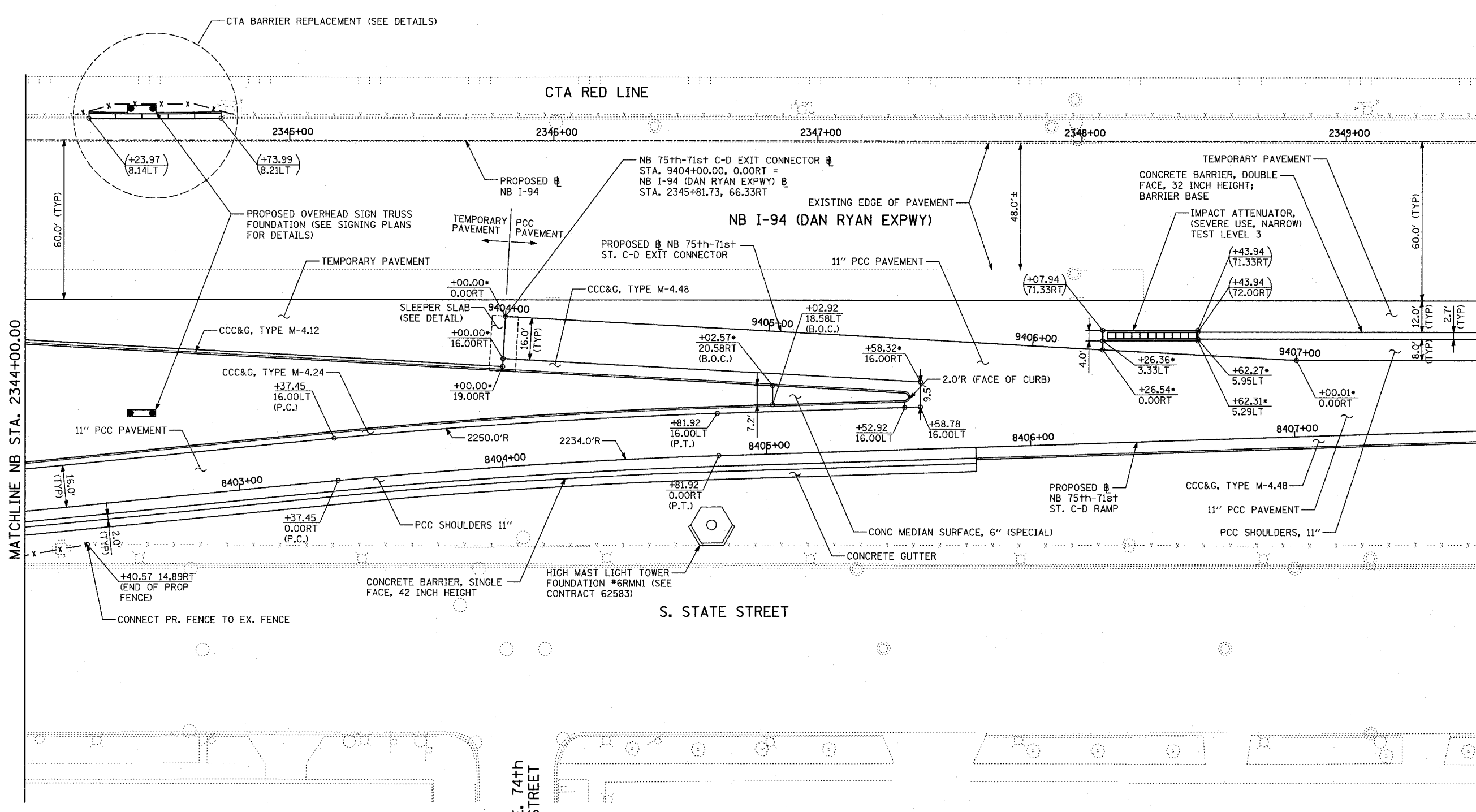
- MAINLINE # STATION/OFFSET
- RAMP # STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**TYLIN** INTERNATIONAL

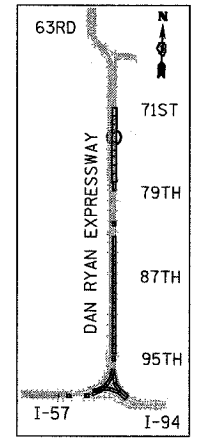
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING PLAN**  
 NB 75th TO 71st STREET C-D RAMP  
 NB I-94 STA. 2344+00.00 TO 2349+50.00  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM



MATCHLINE NB STA. 2349+50.00

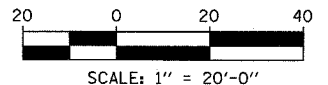
MATCHLINE NB STA. 2344+00.00



LOCATION MAP

**NOTES:**

- THESE STATION/OFFSET CALLOUTS ARE BASED UPON THE 75th-71st C-D EXIT CONNECTOR ALIGNMENT.



**LEGEND:**

- |  |                                    |  |                                    |  |   |
|--|------------------------------------|--|------------------------------------|--|---|
|  | PAVEMENT REMOVAL                   |  | COMB CONC CURB & GUTTER REMOVAL    |  | SOIL BORING LOCATIONS   |
|  | PAVED SHOULDER REMOVAL             |  | CHAIN LINK FENCE REMOVAL           |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)                     |
|  | PAVEMENT/SHOULDER REMOVAL, SPECIAL |  | CONCRETE BARRIER/GUARDRAIL REMOVAL |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) |

- (+XX.XX) MAINLINE # STATION/OFFSET
- (XX.XXRT) STATION/OFFSET
- +XX.XX RAMP #
- XX.XXRT STATION/OFFSET

**NOTES:**

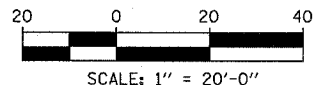
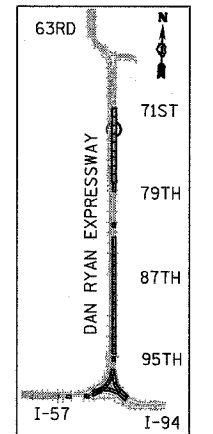
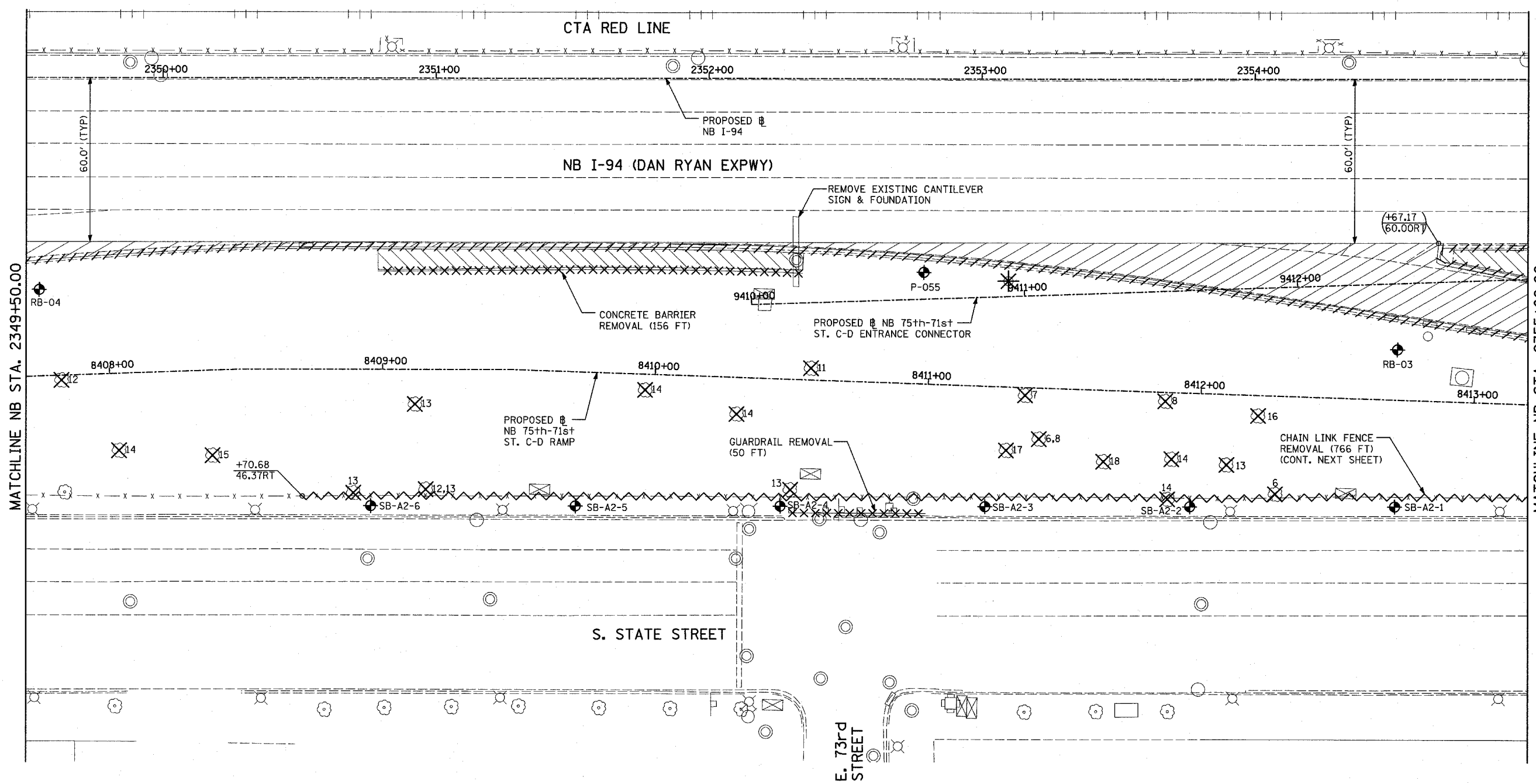
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**PROPOSED PLAN**  
 NB 75th TO 71st STREET C-D RAMP  
 NB I-94 STA. 2344+00.00 TO 2349+50.00  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MFG  
 CHECKED BY: JPM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	77
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8				62694



**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- MAINLINE # STATION/OFFSET
- RAMP # STATION/OFFSET

**NOTES:**

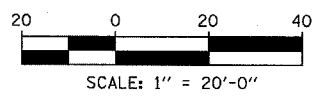
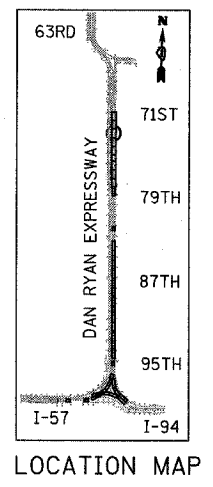
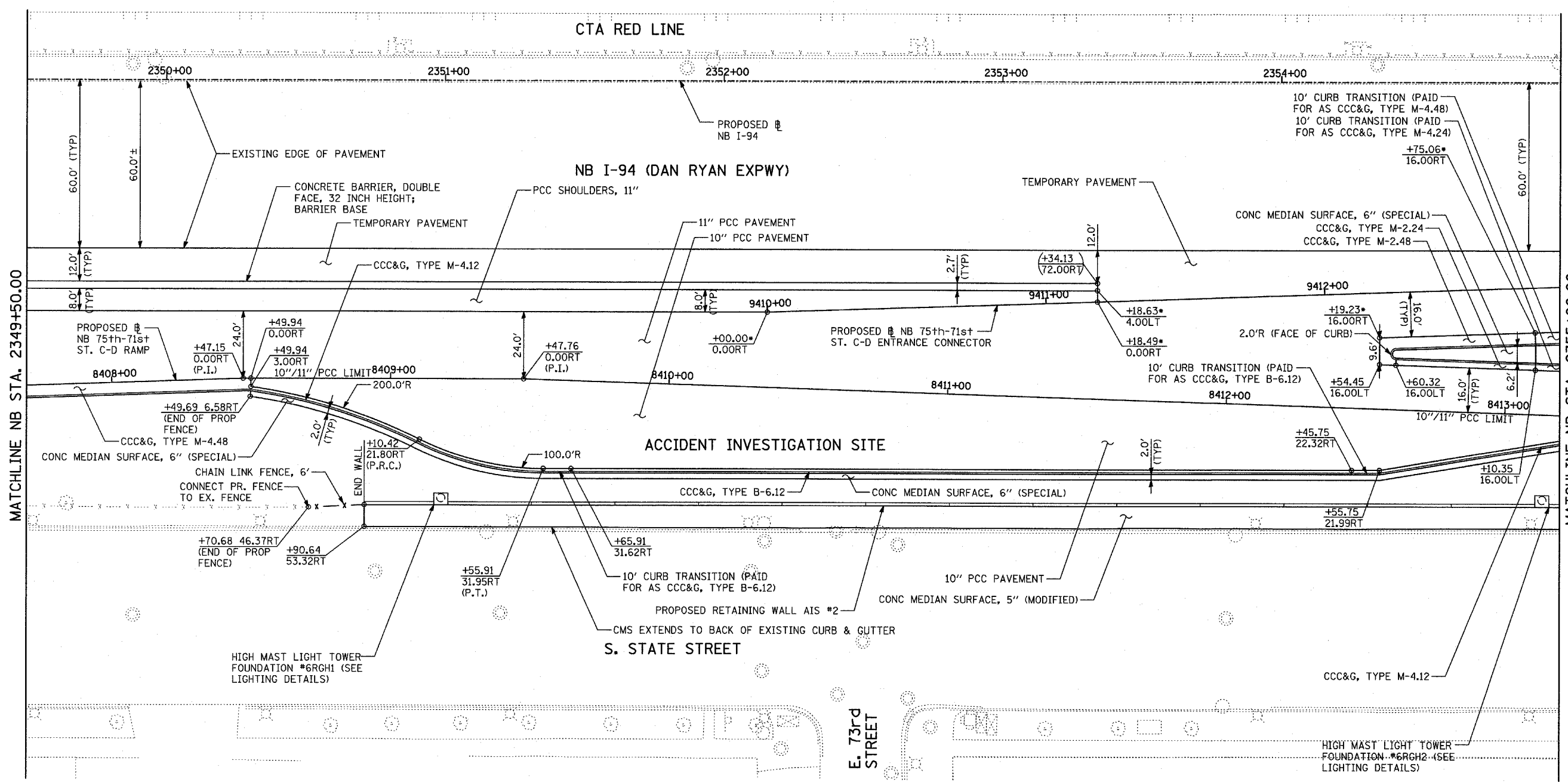
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
 EXISTING PLAN  
**NB 75th TO 71st STREET C-D RAMP**  
**NB I-94 STA. 2349+50.00 TO 2355+00.00**  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

**TYLIN INTERNATIONAL**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	78
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		



**NOTES:**

- - THESE STATION/OFFSET CALLOUTS ARE BASED UPON THE 75th-71st C-D ENTRANCE CONNECTOR ALIGNMENT.

**LEGEND:**

	PAVEMENT REMOVAL		CHAIN LINK FENCE REMOVAL		COMB CONC CURB & GUTTER REMOVAL		SOIL BORING LOCATIONS		TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)		MAINLINE # STATION/OFFSET
	PAVED SHOULDER REMOVAL		CONCRETE BARRIER/GUARDRAIL REMOVAL		PROPOSED RETAINING WALL #2		CMS EXTENDS TO BACK OF EXISTING CURB & GUTTER		LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)		RAMP # STATION/OFFSET
	PAVEMENT/SHOULDER REMOVAL, SPECIAL		END WALL		PROPOSED NB 75th-71st ST. C-D RAMP		ACCIDENT INVESTIGATION SITE				

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

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

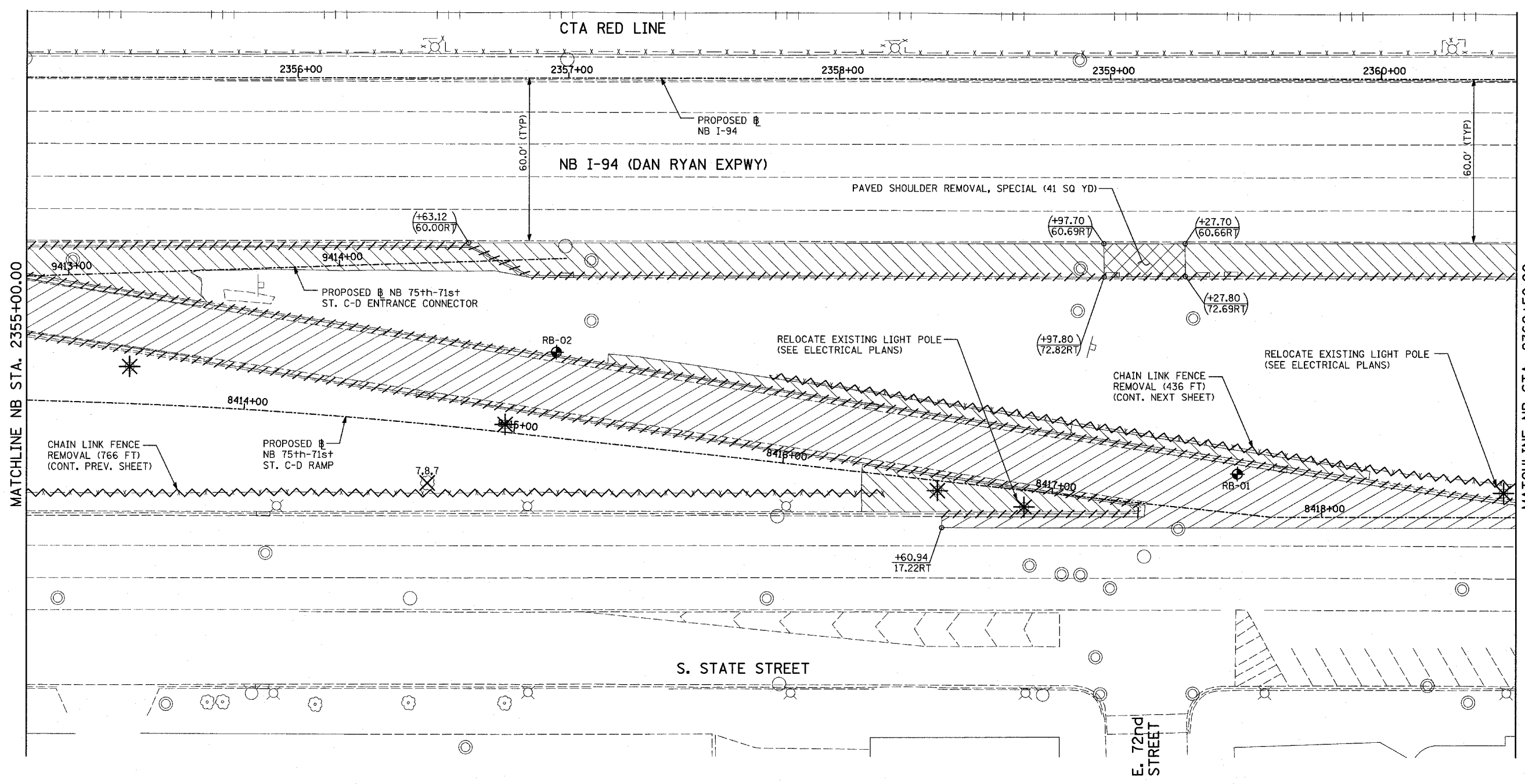
**PROPOSED PLAN**  
 NB 75th TO 71st STREET C-D RAMP  
 NB I-94 STA. 2349+50.00 TO 2355+00.00

SCALE: 1"=20'      DRAWN BY: MPG  
 DATE: MARCH 18, 2005      CHECKED BY: JPM

**TYLIN INTERNATIONAL**

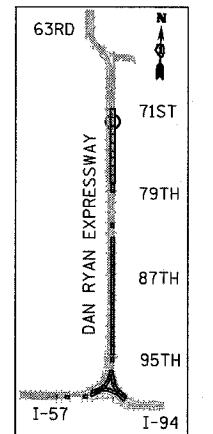


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	79
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8				62694

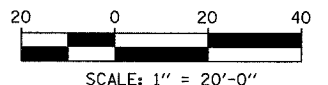


MATCHLINE NB STA. 2360+50.00

MATCHLINE NB STA. 2355+00.00



LOCATION MAP



**LEGEND:**

- PAVEMENT REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL

- (+XX.XX) MAINLINE # STATION/OFFSET
- (XX.XXRT) STATION/OFFSET
- +XX.XX RAMP #
- XX.XXRT STATION/OFFSET

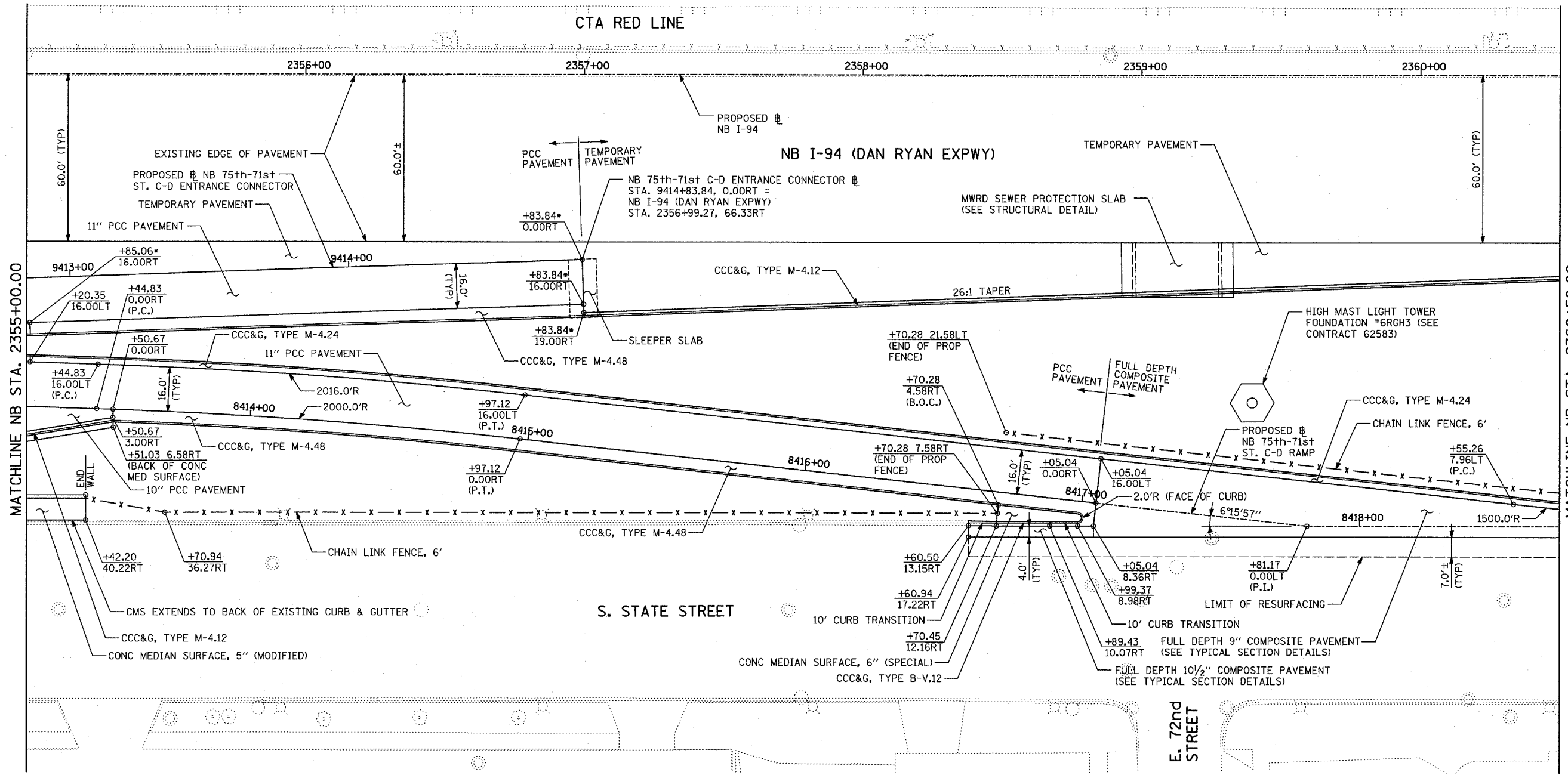
**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**TYLIN** INTERNATIONAL

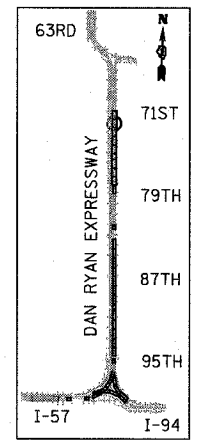
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING PLAN**  
 NB 75th TO 71st STREET C-D RAMP  
 NB I-94 STA. 2355+00.00 TO 2360+50.00  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM



MATCHLINE NB STA. 2360+50.00

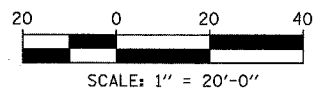
MATCHLINE NB STA. 2355+00.00



LOCATION MAP

**NOTES:**

- - THESE STATION/OFFSET CALLOUTS ARE BASED UPON THE 75th-71st C-D ENTRANCE CONNECTOR ALIGNMENT.



**LEGEND:**

- |  |                        |  |                                    |  |  |  |  |  |   |  |   |
|--|------------------------|--|------------------------------------|--|--|--|--|--|---|--|---|
|  | PAVEMENT REMOVAL       |  | CHAIN LINK FENCE REMOVAL           |  | CONCRETE BARRIER/GUARDRAIL REMOVAL       |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6) |  | SOIL BORING LOCATIONS   |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) |
|  | PAVED SHOULDER REMOVAL |  | PAVEMENT/SHOULDER REMOVAL, SPECIAL |  | TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6) |  | SOIL BORING LOCATIONS                    |  | LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS) |  |   |

- (+XX.XX) MAINLINE # STATION/OFFSET
- (XX.XXRT) RAMP # STATION/OFFSET

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

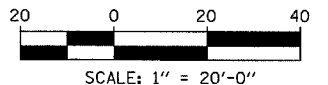
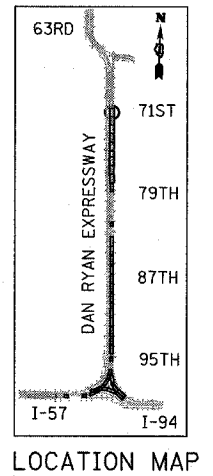
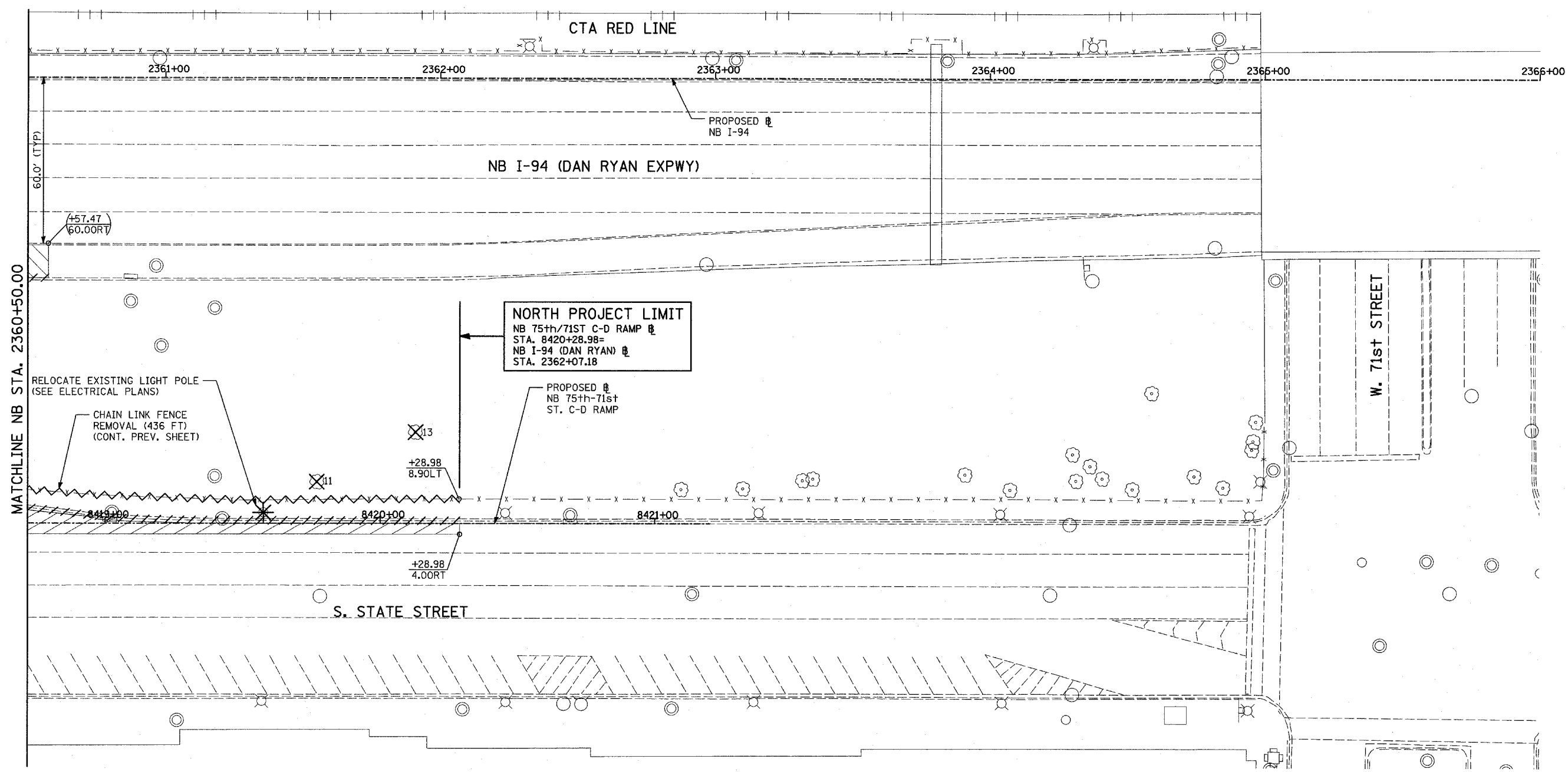
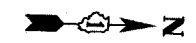
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**

**PROPOSED PLAN**  
**NB 75th TO 71st STREET C-D RAMP**  
**NB I-94 STA. 2355+00.00 TO 2360+50.00**

SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

**TYLIN INTERNATIONAL**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	81
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8		62694		



**LEGEND:**

- PAVEMENT REMOVAL
- CHAIN LINK FENCE REMOVAL
- PAVED SHOULDER REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)
- COMB CONC CURB & GUTTER REMOVAL
- MAINLINE STATION/OFFSET
- RAMP STATION/OFFSET

- MAINLINE STATION/OFFSET
- RAMP STATION/OFFSET

**NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

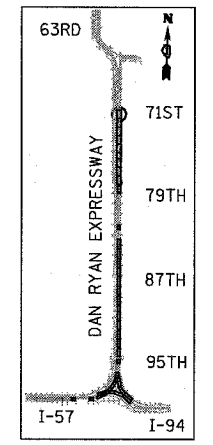
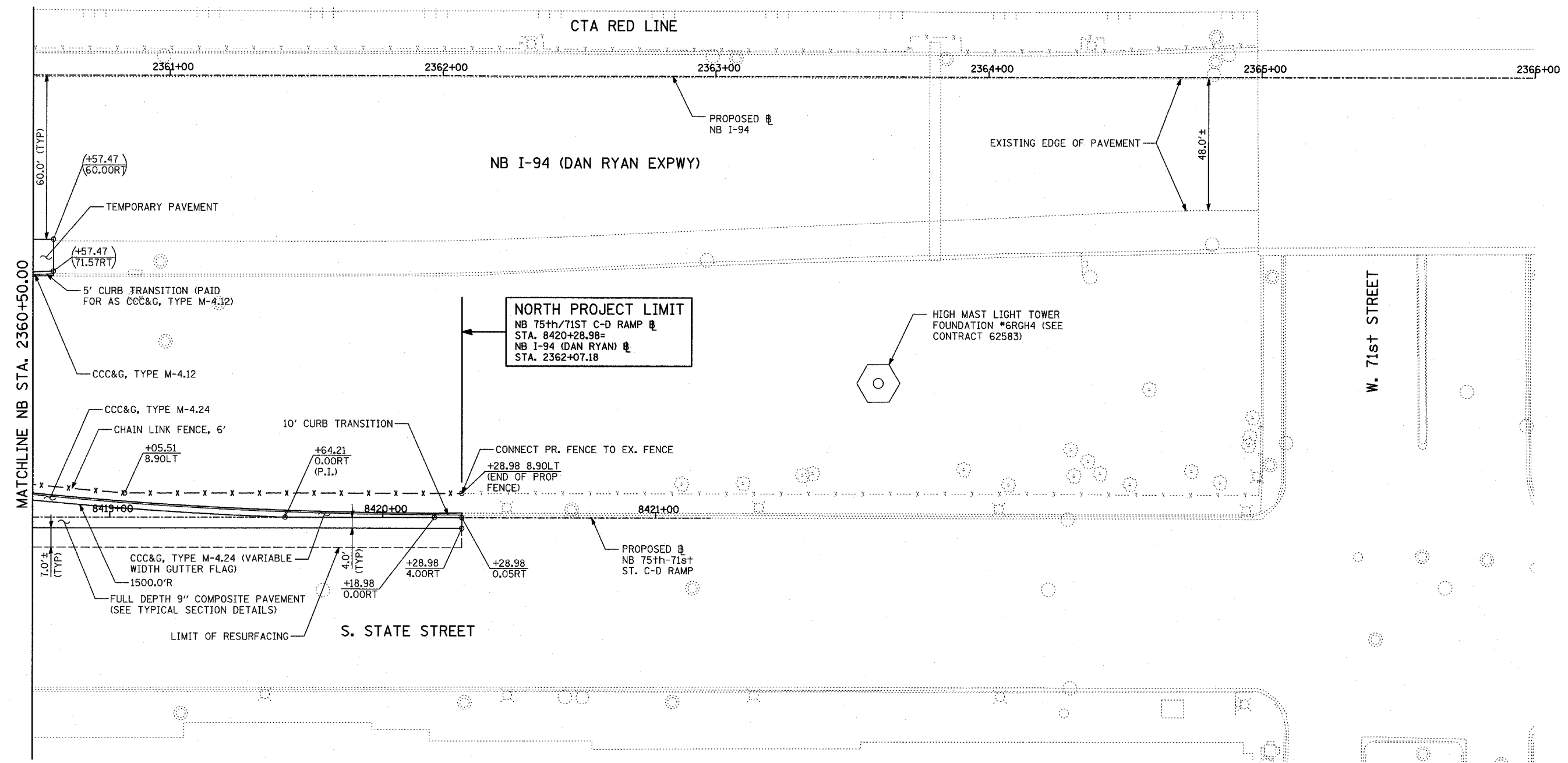
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING PLAN**  
 NB 75th TO 71st STREET C-D RAMP  
 NB I-94 STA. 2360+50.00 TO 2362+07.18  
 SCALE: 1"=20'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: JPM

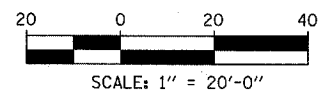
**TYLIN** INTERNATIONAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	82
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8				62694



LOCATION MAP



**TYLIN INTERNATIONAL**

**LEGEND:**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT/SHOULDER REMOVAL, SPECIAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- SOIL BORING LOCATIONS
- LIGHT POLE FOUNDATION REMOVAL (SEE EXISTING ELECTRICAL PLANS)

- MAINLINE B STATION/OFFSET
- RAMP B STATION/OFFSET

- NOTES:**
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

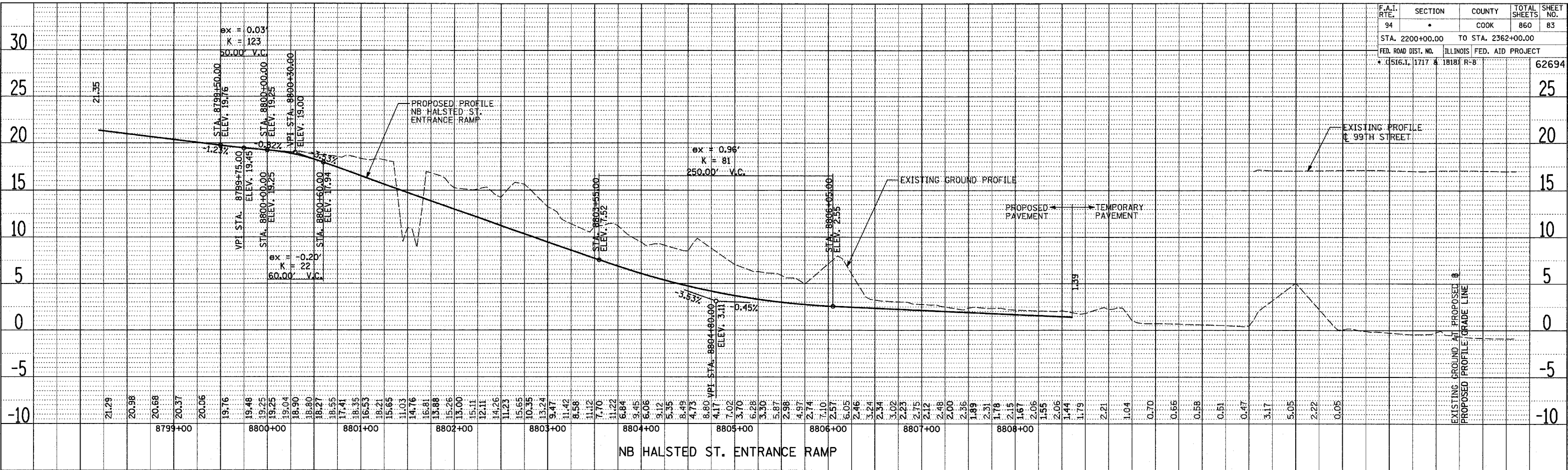
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**

**PROPOSED PLAN**  
**NB 75th TO 71st STREET C-D RAMP**  
**NB I-94 STA. 2360+50.00 TO 2362+07.18**

SCALE: 1"=20'  
DATE: MARCH 18, 2005  
DRAWN BY: MPG  
CHECKED BY: JPM

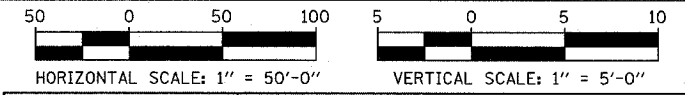
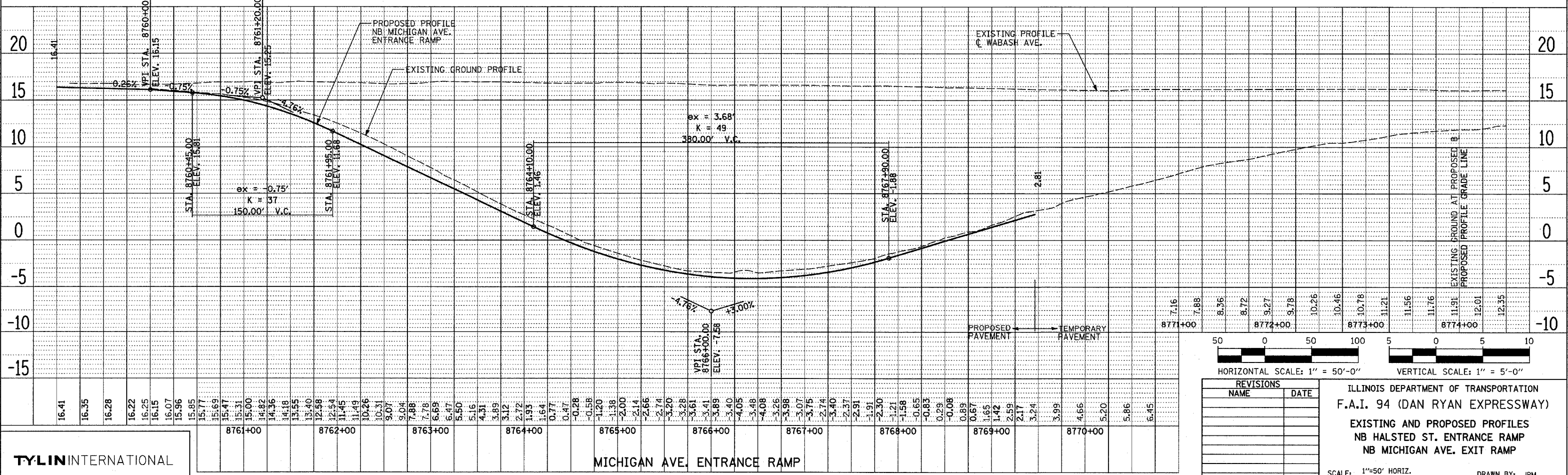
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DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	83
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (516.1, 1717 & 1818)		R-8		62694

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
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 RT. OF WAY CHECKED \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_

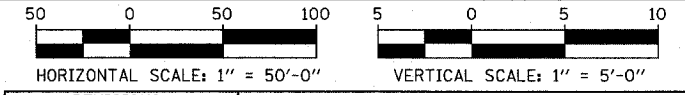
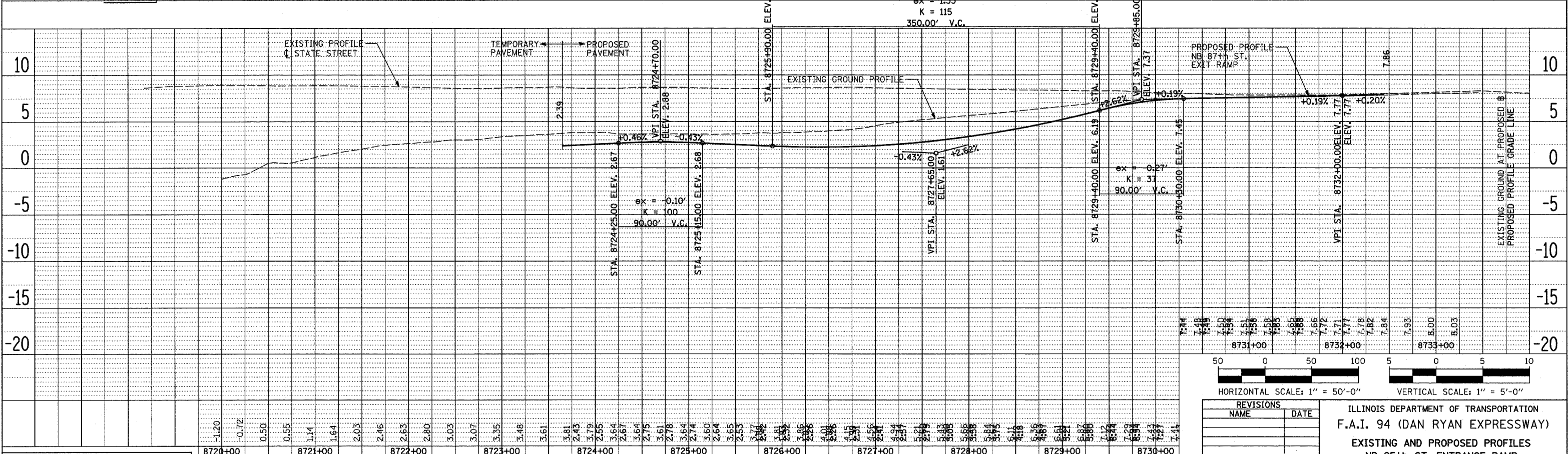
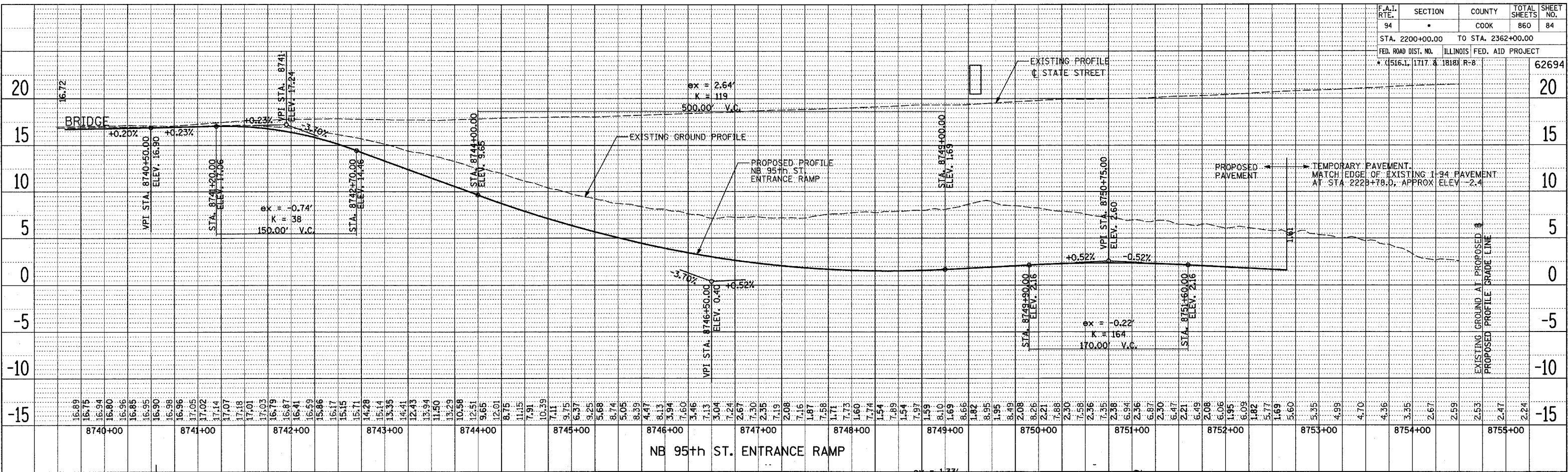


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING AND PROPOSED PROFILES  
 NB HALSTED ST. ENTRANCE RAMP  
 NB MICHIGAN AVE. EXIT RAMP  
 SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 18, 2005  
 DRAWN BY: JPM  
 CHECKED BY: MPG

TYLIN INTERNATIONAL

03/28/2005 02:40:41 PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**EXISTING AND PROPOSED PROFILES**  
**NB 95th ST. ENTRANCE RAMP**  
**NB 87th ST. EXIT RAMP**

SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 18, 2005

DRAWN BY: JPM  
 CHECKED BY: MPG

**TYLIN** INTERNATIONAL

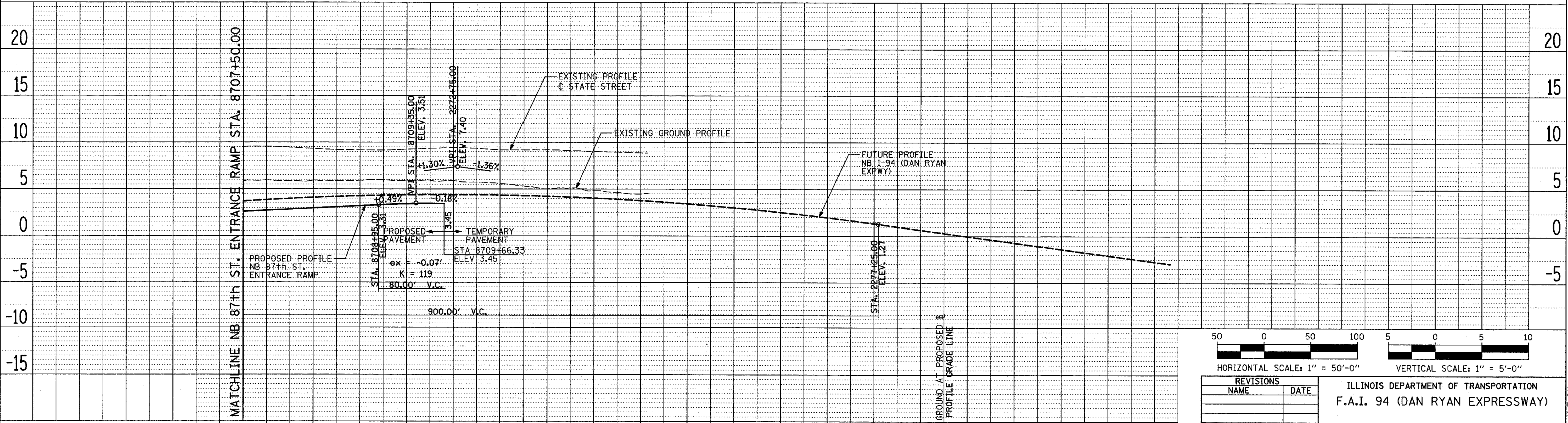
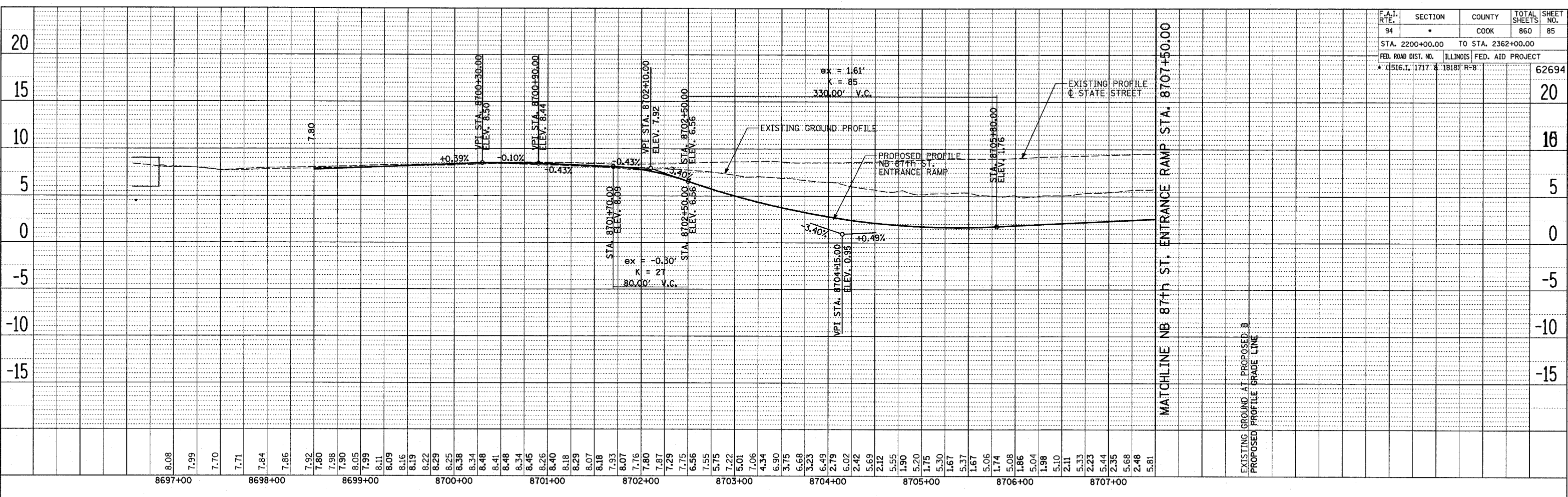
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 NOTE BOOK NO. OF WAY CHECKED  
 CADD FILE NAME

PLAN SURVEYED PLOTTED CHECKED  
 NOTE BOOK NO. OF WAY CHECKED  
 CADD FILE NAME

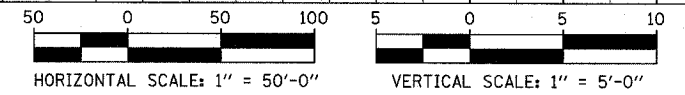
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PLAN SURVEYED ALIGNED CHECKED BY: DATE: NOTE BOOK NO. OF WAY CHECKED CAD FILE NAME



F.A.I. RTE. 94	SECTION *	COUNTY COOK	TOTAL SHEETS 860	SHEET NO. 85
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO. * (1516.L, 1717 & 1818) R-8		ILLINOIS FED. AID PROJECT		62694



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING AND PROPOSED PROFILE  
 NB 87th ST. ENTRANCE RAMP  
 SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 18, 2005  
 DRAWN BY: JPM  
 CHECKED BY: MFG

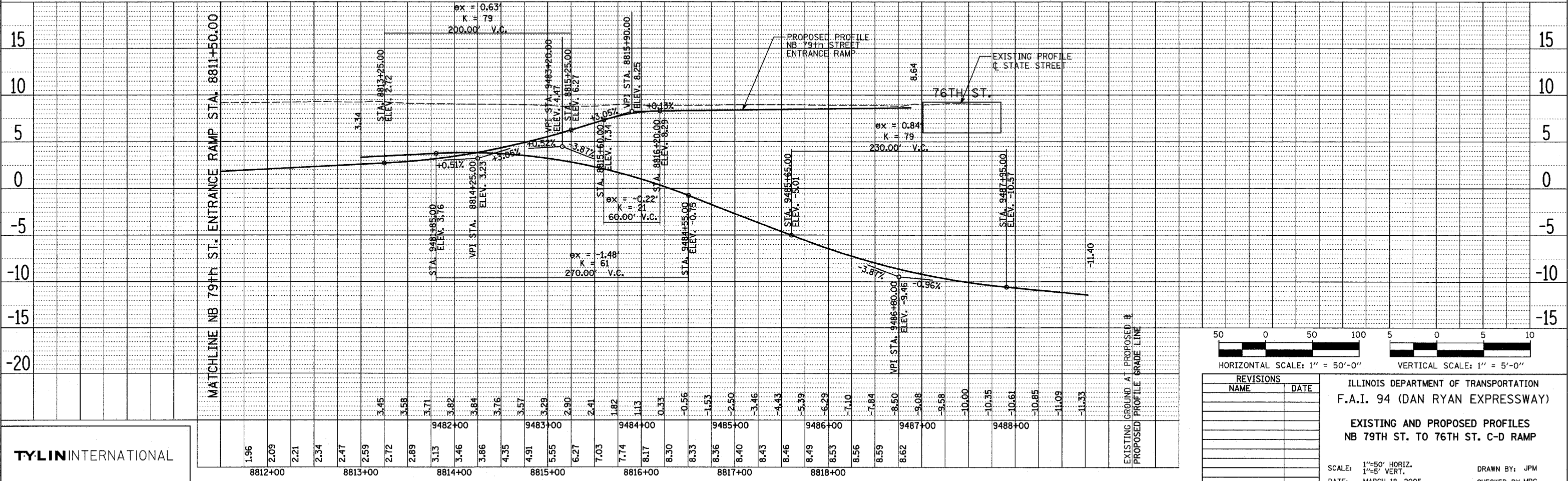
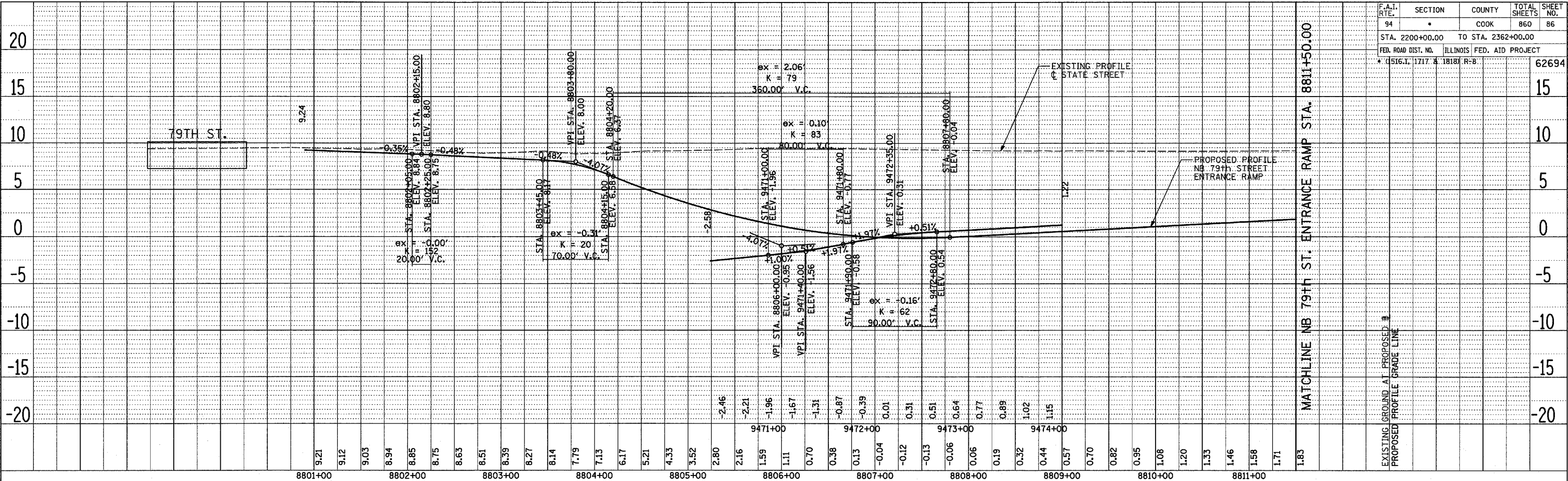
**TYLIN** INTERNATIONAL

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2.72				
5.87				
2.85				
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2.97				
5.88				
3.09				
5.90				
3.21				
5.99				
3.34				
5.88				
3.42				
5.93				
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5.72				
5.60				
5.32				
5.03				
5.10				
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4.65				
4.47				

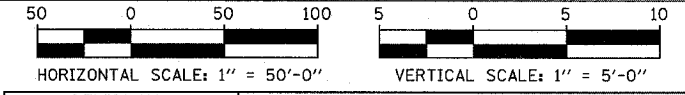
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PLAN SURVEYED BY DATE  
 ALIGNED BY DATE  
 NOTE BOOK NO. OF WAY CHECKED  
 CAD FILE NAME



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	86
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 0516.I, 1717 & 1818/R-8				62694



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING AND PROPOSED PROFILES  
 NB 79TH ST. TO 76TH ST. C-D RAMP  
 SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 18, 2005  
 DRAWN BY: JPM  
 CHECKED BY: MPG

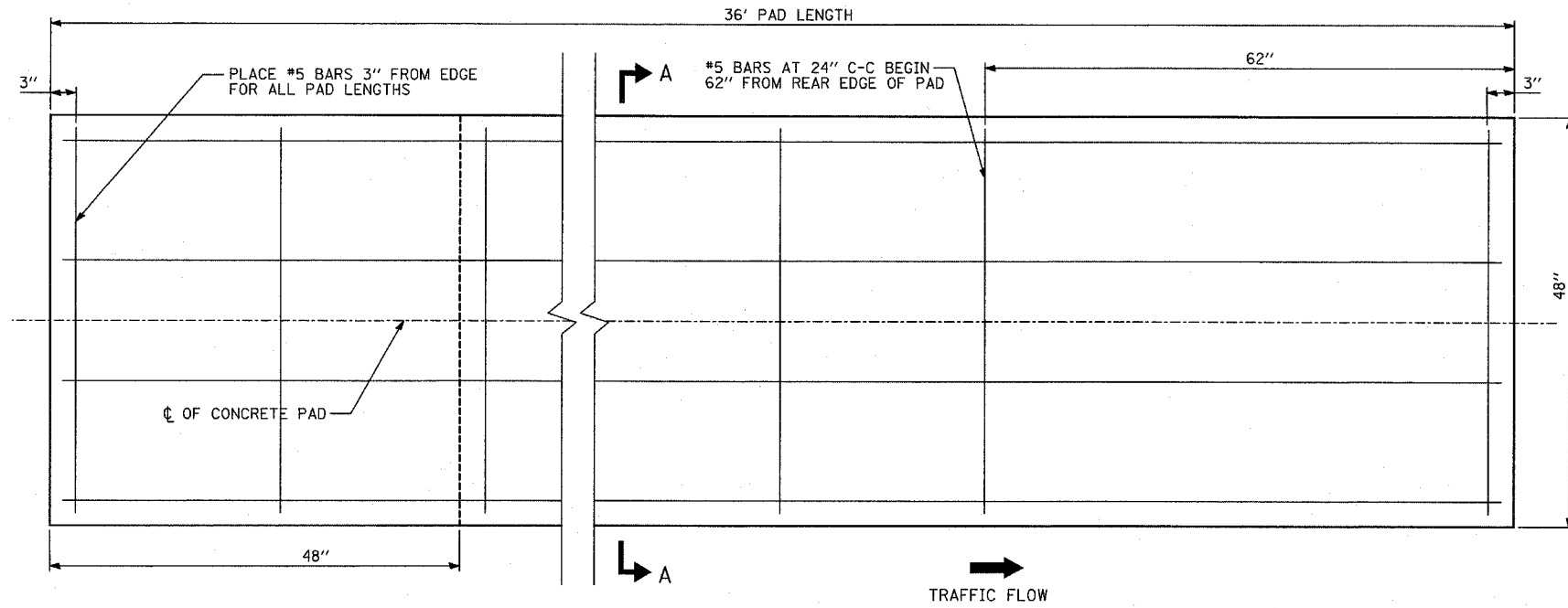
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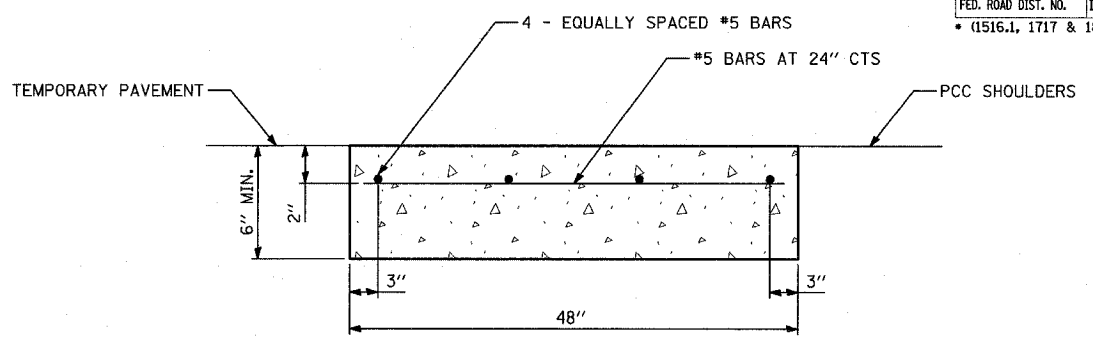




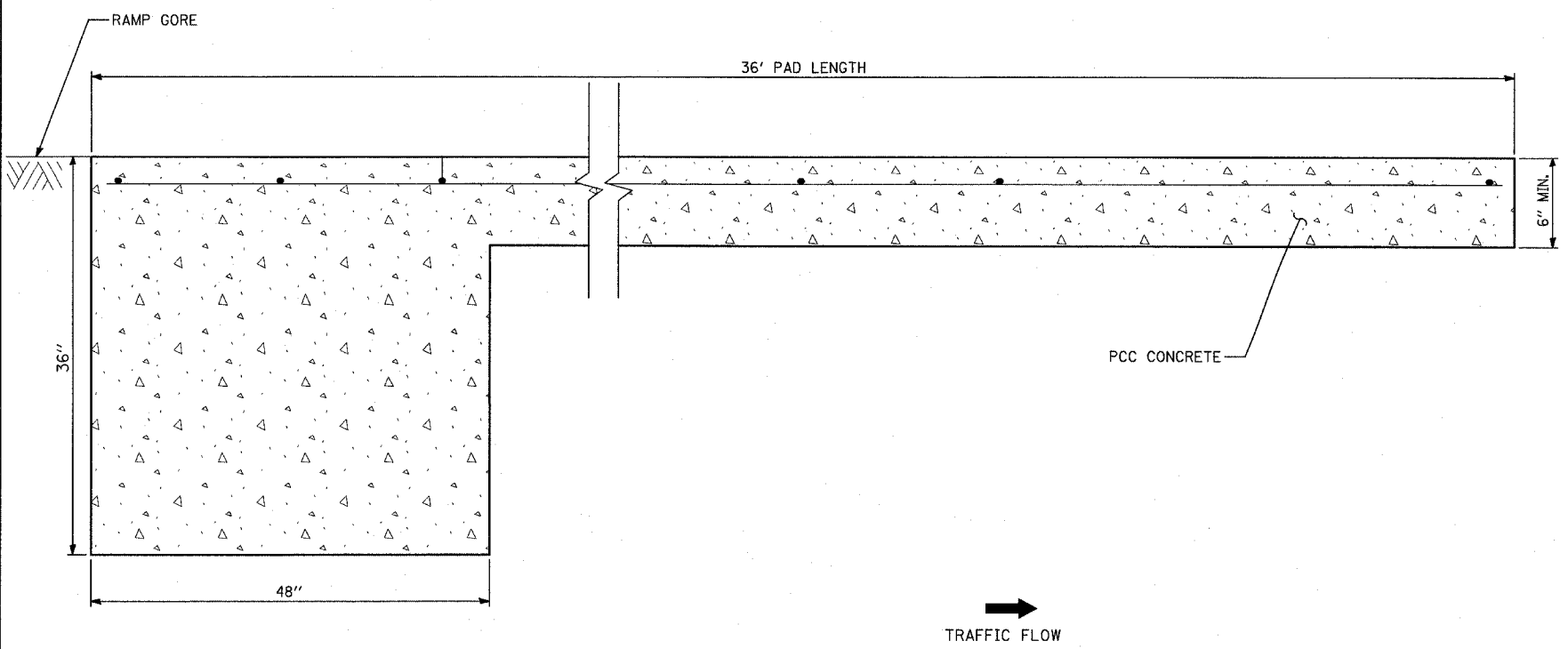
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	94*	COOK	860	88
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717 & 1818) R-8		62694		



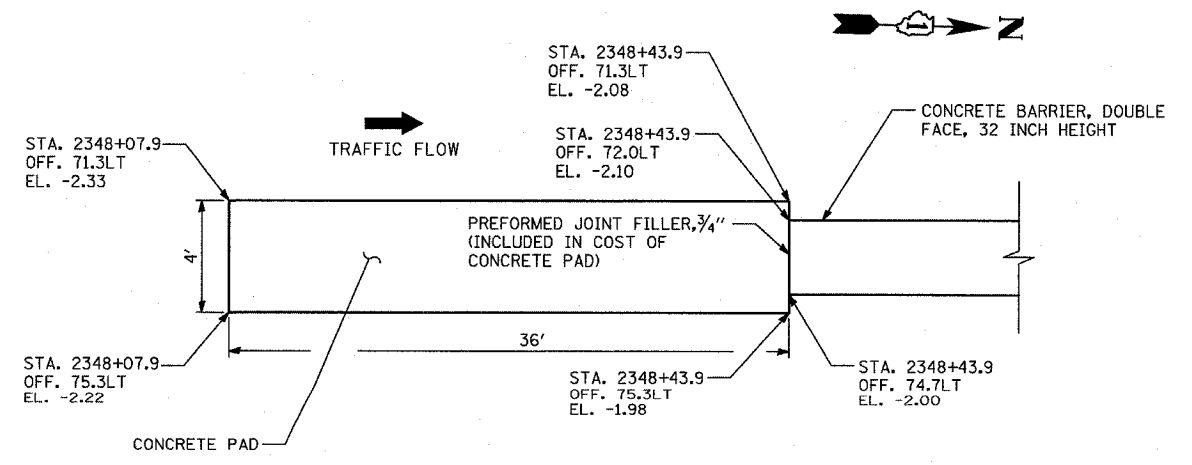
TYPICAL CONCRETE PAD PLAN VIEW



SECTION A-A



TYPICAL CONCRETE PAD ELEVATION VIEW



CONCRETE PAD NB I-94 @ 75th-71st ST C-D RAMP: PLAN VIEW

NOTE: CONCRETE PAD DRAWING INCLUDED FOR INFORMATIONAL PURPOSES ONLY. THE PAD FOR AN 11 BAY QUADGUARD ELITE SYSTEM IS DEPICTED. EXACT DIMENSIONS MUST COMPLY WITH THE MANUFACTURER'S REQUIREMENTS FOR SPECIFIED PAY ITEM: IMPACT ATTENUATOR (SEVERE USE, NARROW) TEST LEVEL 3

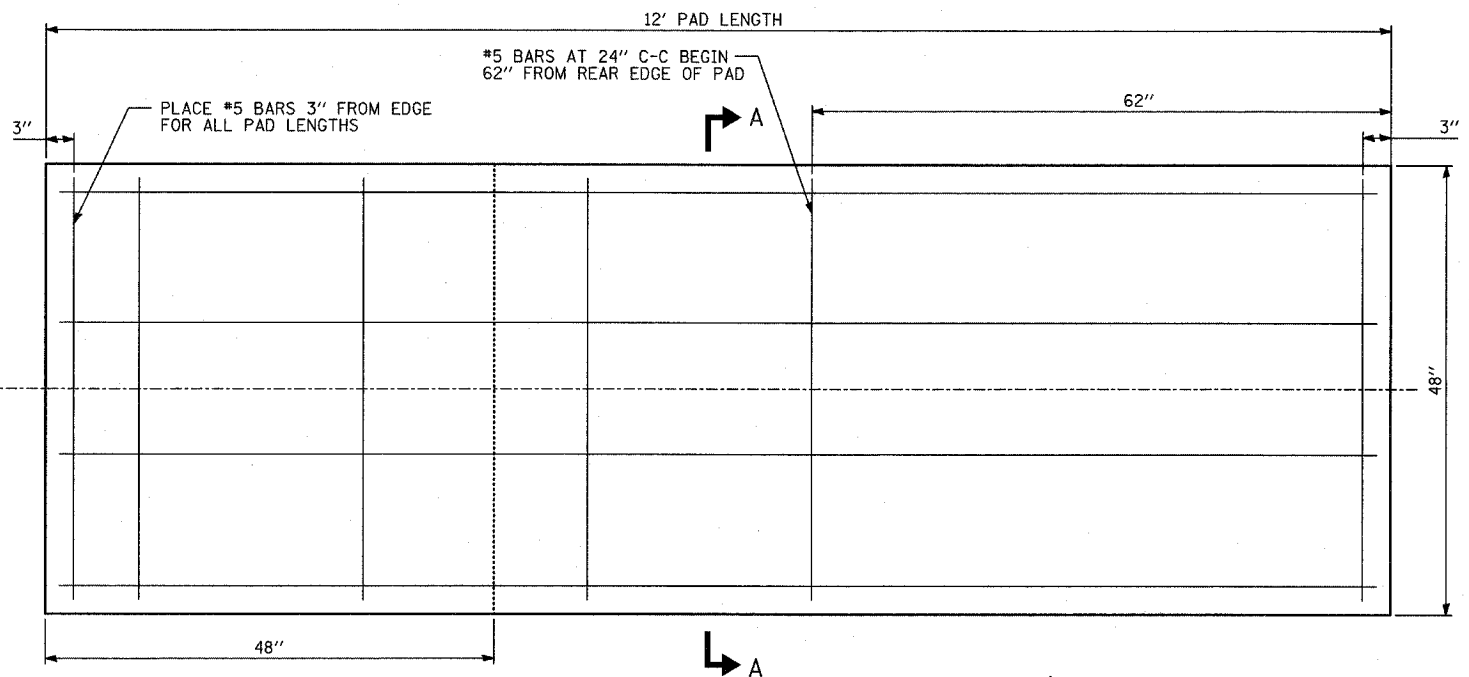
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

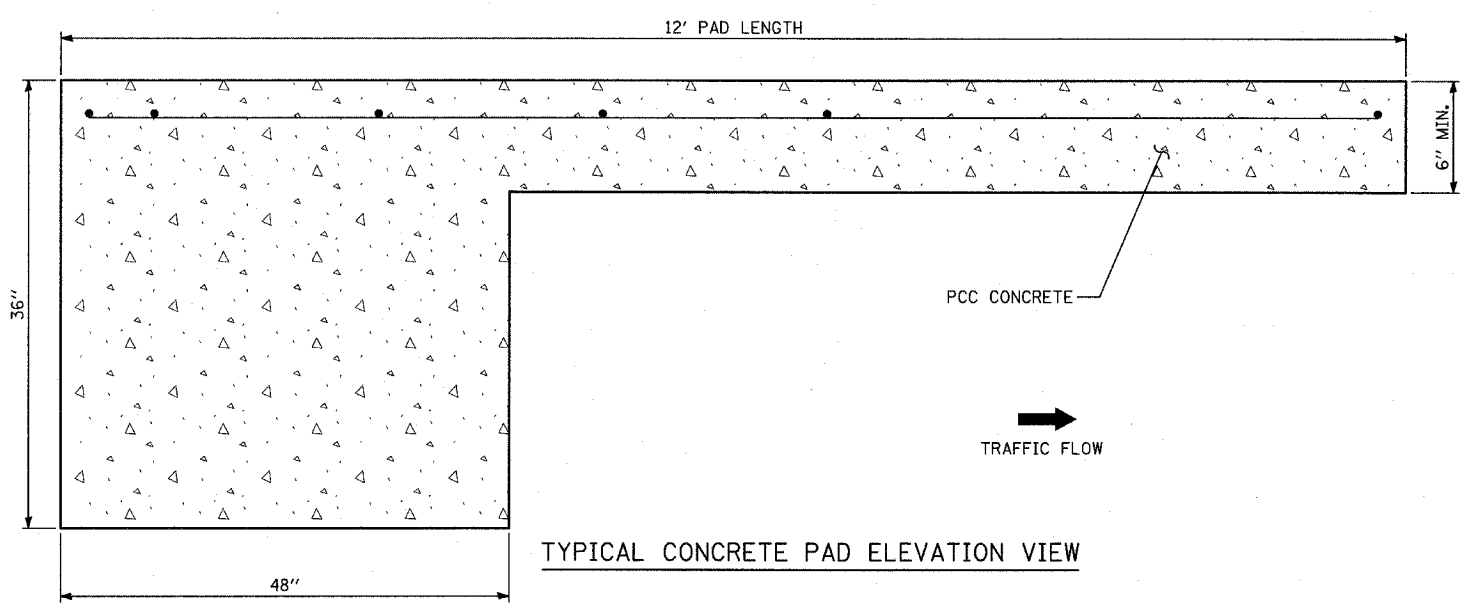
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DETAIL OF CONCRETE PAD  
 FOR IMPACT ATTENUATOR (SEVERE  
 USE, NARROW) TEST LEVEL 3  
 SCALE: NONE      DRAWN BY: MB  
 DATE: MARCH 18, 2005      CHECKED BY: JPM

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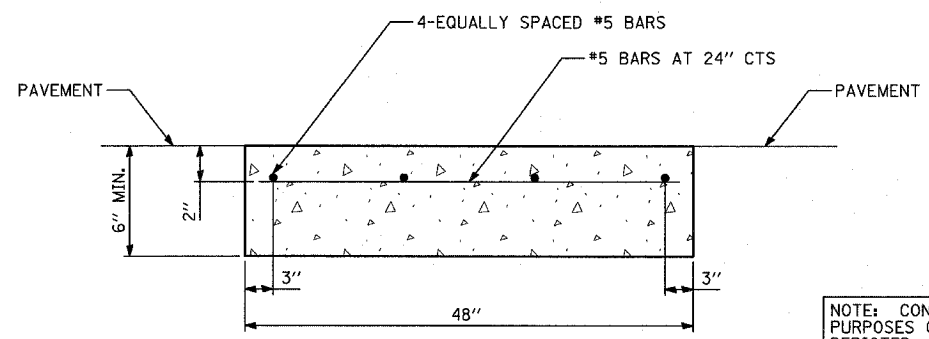
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	89
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717 & 1818) R-8		62694		



TYPICAL CONCRETE PAD PLAN VIEW



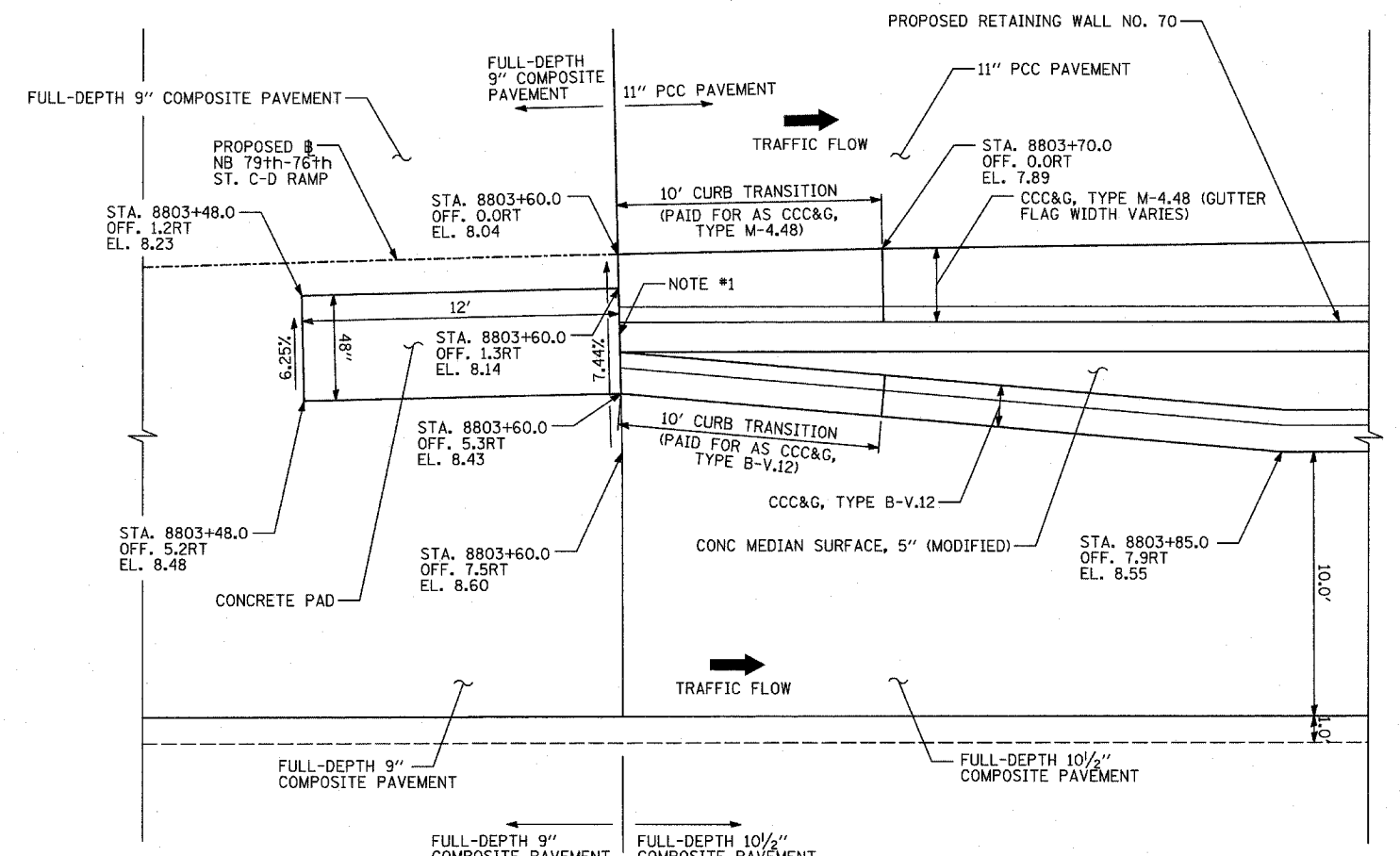
TYPICAL CONCRETE PAD ELEVATION VIEW



SECTION A-A

NOTE: CONCRETE PAD DRAWING INCLUDED FOR INFORMATIONAL PURPOSES ONLY. THE PAD FOR A 3 BAY GUARDRAIL SYSTEM IS DEPICTED. EXACT DIMENSIONS MUST COMPLY WITH THE MANUFACTURER'S REQUIREMENTS FOR SPECIFIED PAY ITEM: IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2

TYLIN INTERNATIONAL



CONCRETE PAD NB I-94 @ 79th-76th C-D ENTRANCE RAMP GORE: PLAN VIEW

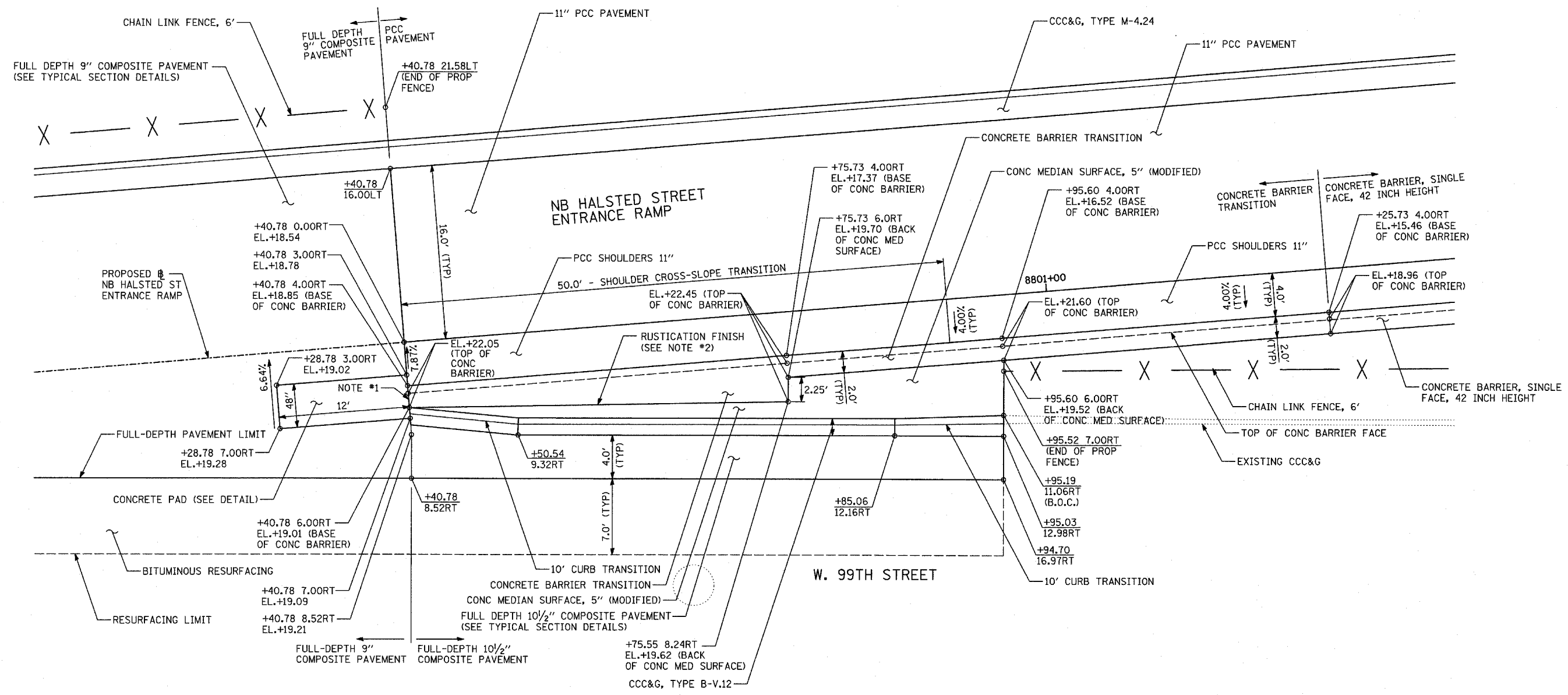
ADDITIONAL PADS FOR THIS TYPE ATTENUATOR DETAILED ON FOLLOWING SHEETS.

NOTE #1: PREFORMED JOINT FILLER, 3/4" (INCLUDED IN COST OF IMPACT ATTENUATOR)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DETAIL OF CONCRETE PAD FOR IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2 AT 79TH TO 76TH STREET C-D ENTRANCE RAMP  
 SCALE: 1"=5'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: TGB

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**PLAN VIEW: ATTENUATOR PAD AND CONCRETE BARRIER TRANSITION AT HALSTED STREET ENTRANCE RAMP FRONTAGE ROAD TERMINAL**  
 SEE "TYPICAL SECTION PAVEMENT DETAILS" SHEET FOR WALL SECTIONS

- NOTE #1: PREFORMED JOINT FILLER, 3/4" (INCLUDED IN COST OF IMPACT ATTENUATOR).
- NOTE #2: RUSTICATION FINISH SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION.  
 SEE RUSTICATION DETAILS IN STRUCTURAL KNEEWALL PLANS.

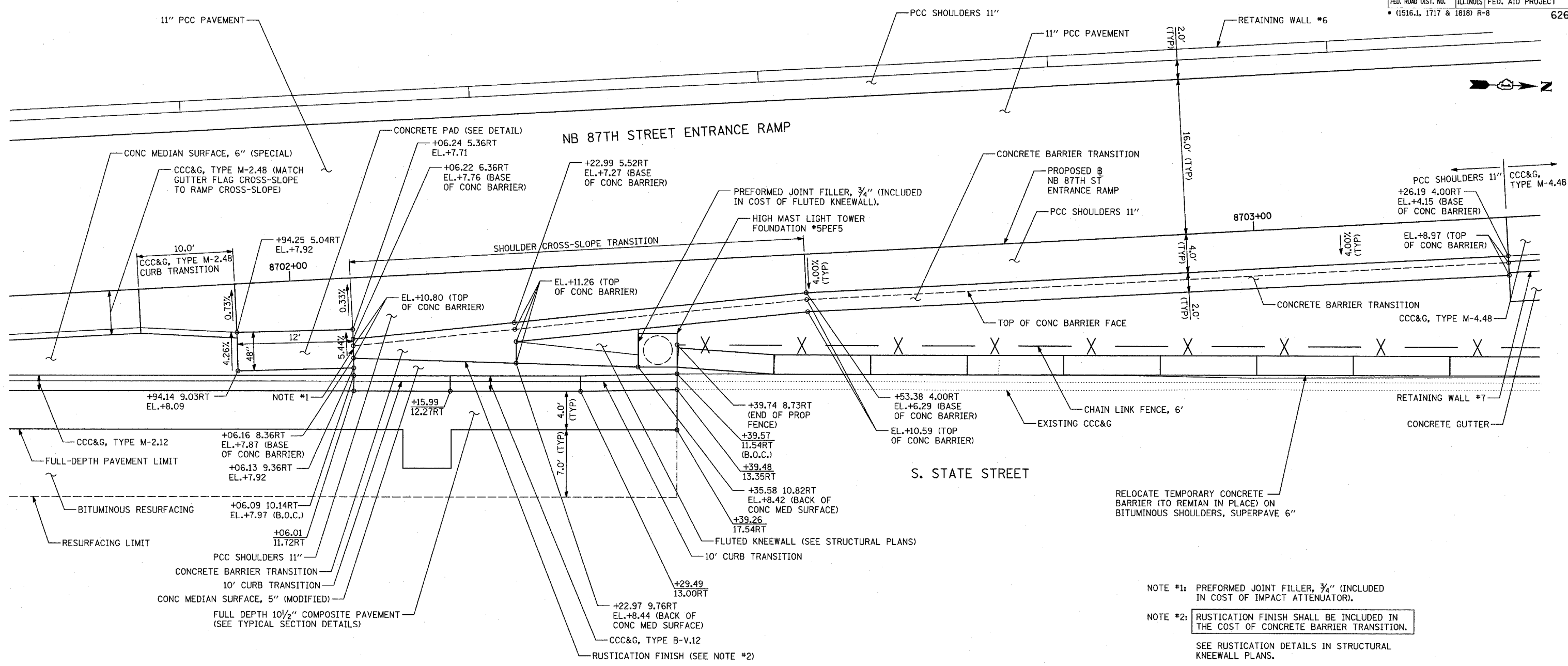
**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DETAIL OF CONCRETE PAD FOR IMPACT ATTENUATOR & CONCRETE BARRIER TRANSITION AT NB HALSTED STREET ENTRANCE RAMP

SCALE: 1"=5'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: TGB

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**PLAN VIEW: ATTENUATOR PAD AND CONCRETE BARRIER TRANSITION AT NB 87TH STREET ENTRANCE RAMP FRONTAGE ROAD TERMINAL**  
 SEE "TYPICAL SECTION PAVEMENT DETAILS" SHEET FOR WALL SECTIONS

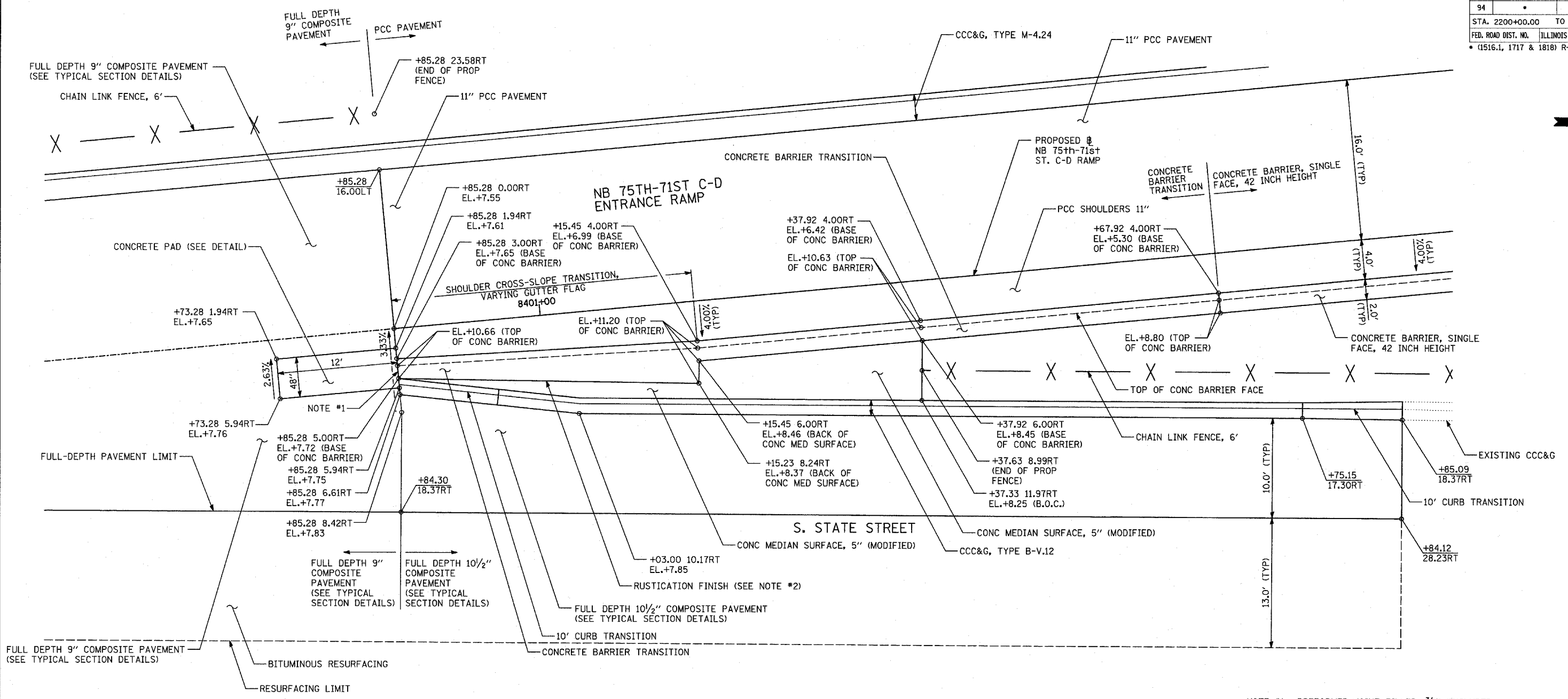
- NOTE #1: PREFORMED JOINT FILLER, 3/4" (INCLUDED IN COST OF IMPACT ATTENUATOR).
- NOTE #2: RUSTICATION FINISH SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION. SEE RUSTICATION DETAILS IN STRUCTURAL KNEEWALL PLANS.
- NOTE #3: CONCRETE FILL SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER TRANSITION"

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**DETAIL OF CONCRETE PAD FOR IMPACT ATTENUATOR & CONCRETE BARRIER TRANSITION AT NB 87TH STREET ENTRANCE RAMP**  
 SCALE: 1"=5'  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: TGB

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**PLAN VIEW: ATTENUATOR PAD AND CONCRETE BARRIER TRANSITION AT NB 75TH-71ST STREET C-D RAMP FRONTAGE ROAD ENTRANCE TERMINAL**  
SEE "TYPICAL SECTION PAVEMENT DETAILS" SHEET FOR WALL SECTIONS

NOTE #1: PREFORMED JOINT FILLER, 3/4" (INCLUDED IN COST OF IMPACT ATTENUATOR).

NOTE #2: RUSTICATION FINISH SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION.

SEE RUSTICATION DETAILS IN STRUCTURAL KNEEWALL PLANS.

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

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

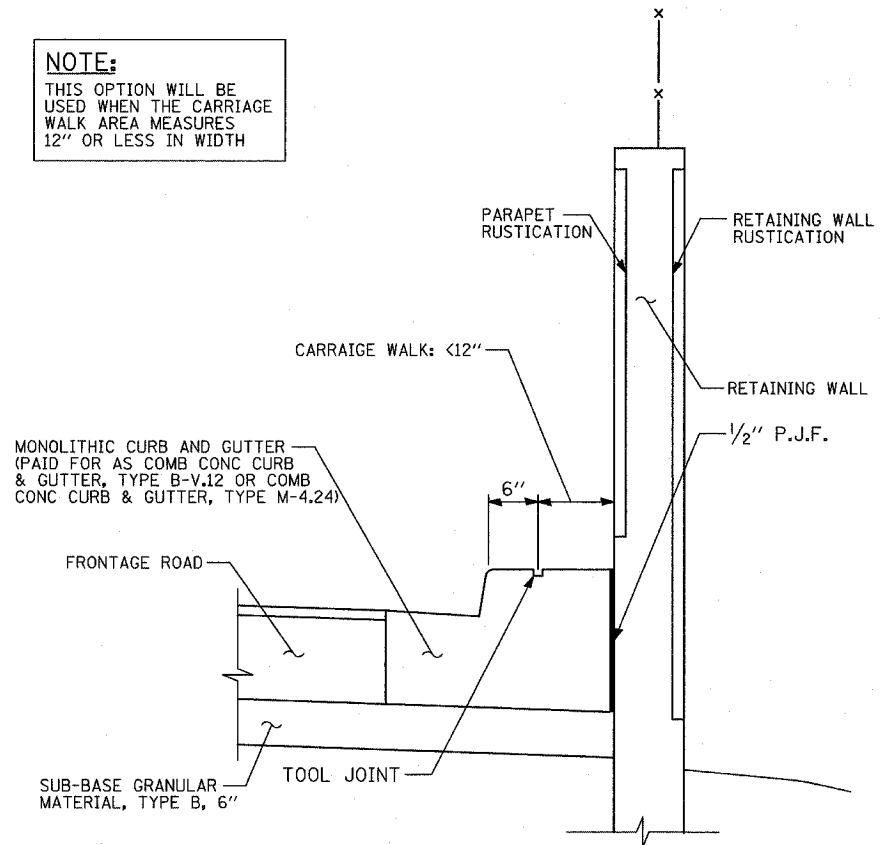
**DETAIL OF CONCRETE PAD FOR IMPACT ATTENUATOR & CONCRETE BARRIER TRANSITION AT NB 75TH-71ST STREET C-D RAMP**

SCALE: 1"=5'  
DATE: MARCH 18, 2005

DRAWN BY: MPG  
CHECKED BY: TGB

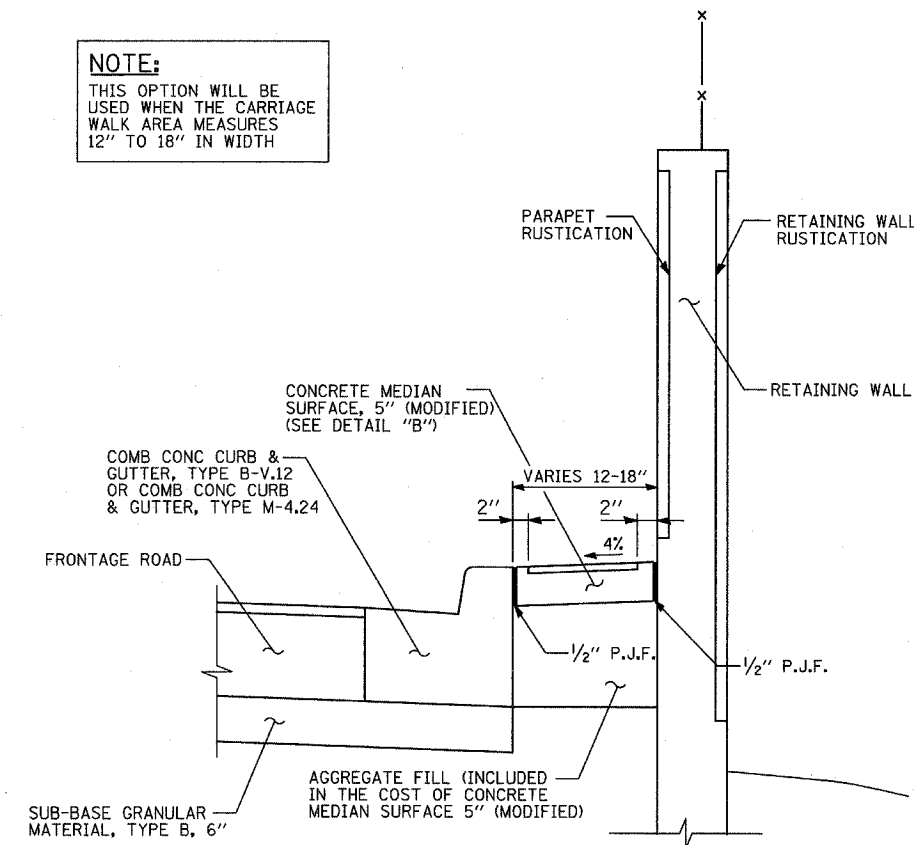
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**NOTE:**  
THIS OPTION WILL BE USED WHEN THE CARRIAGE WALK AREA MEASURES 12" OR LESS IN WIDTH



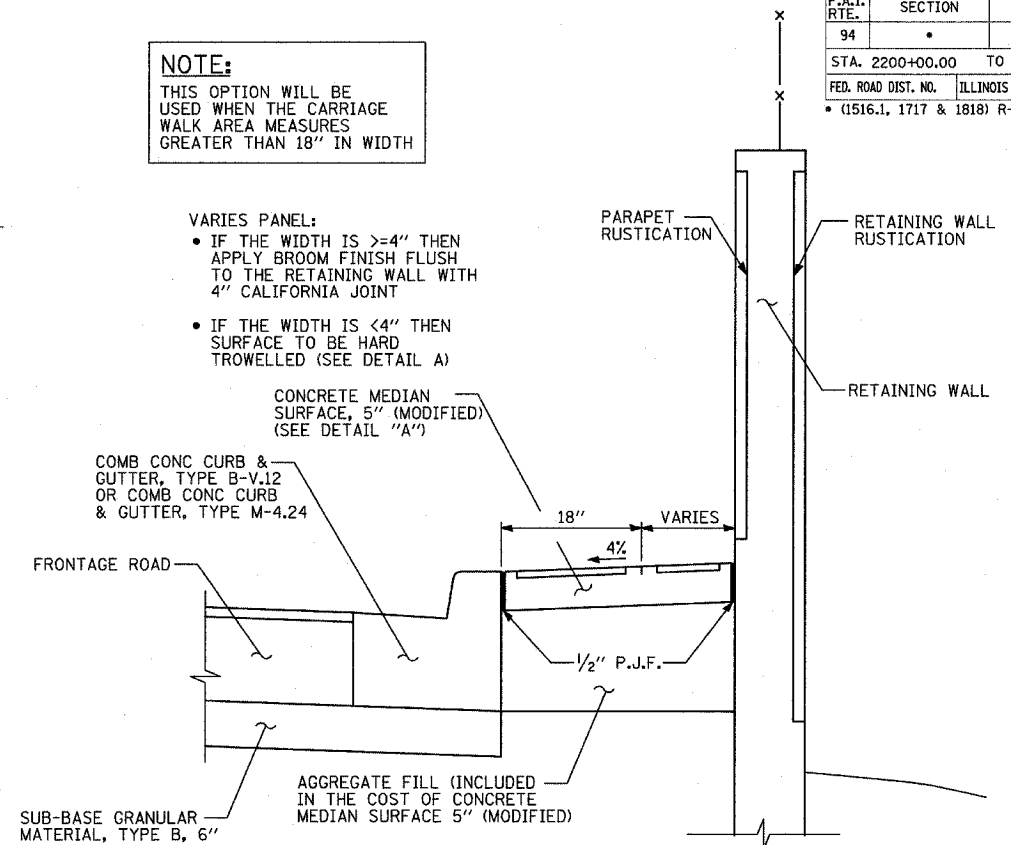
**CARRIAGE WALK "A"**  
AREA <12" WIDE

**NOTE:**  
THIS OPTION WILL BE USED WHEN THE CARRIAGE WALK AREA MEASURES 12" TO 18" IN WIDTH



**CARRIAGE WALK "B"**  
AREA 12" TO 18" WIDE

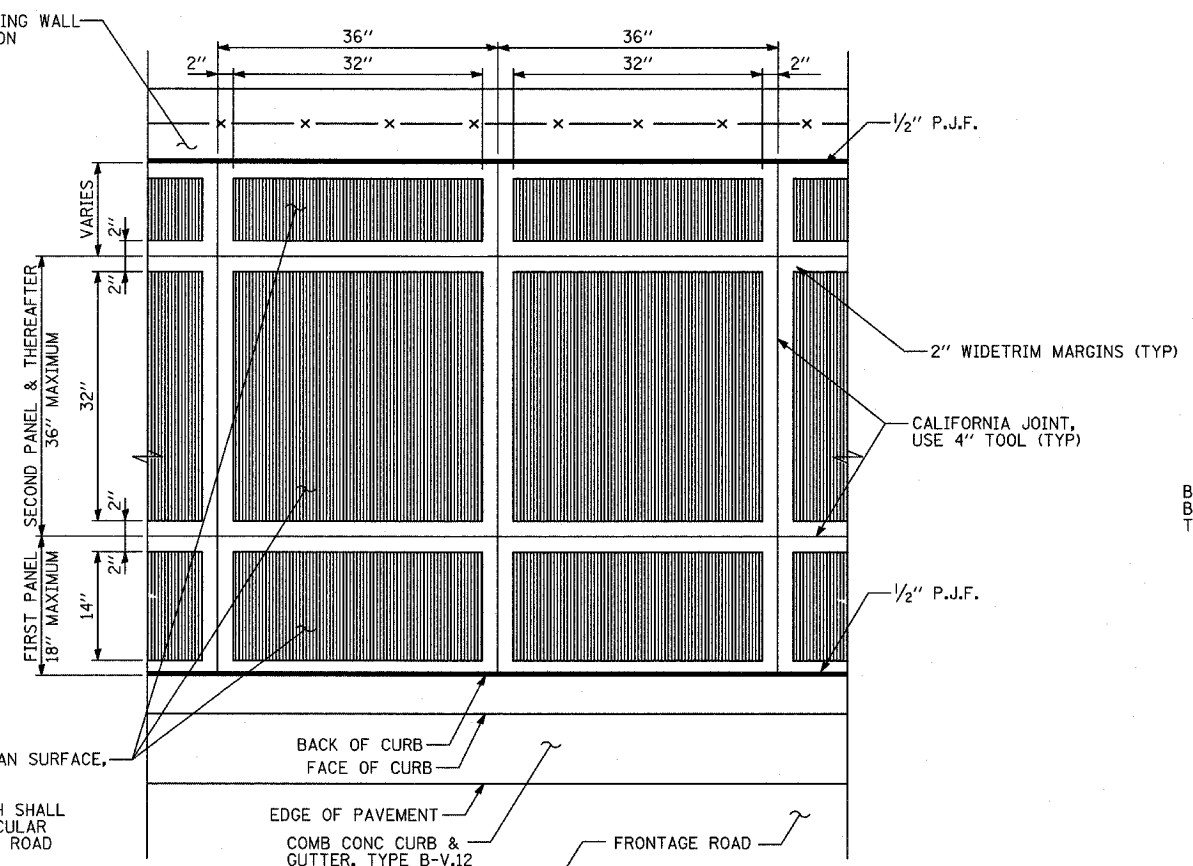
**NOTE:**  
THIS OPTION WILL BE USED WHEN THE CARRIAGE WALK AREA MEASURES GREATER THAN 18" IN WIDTH



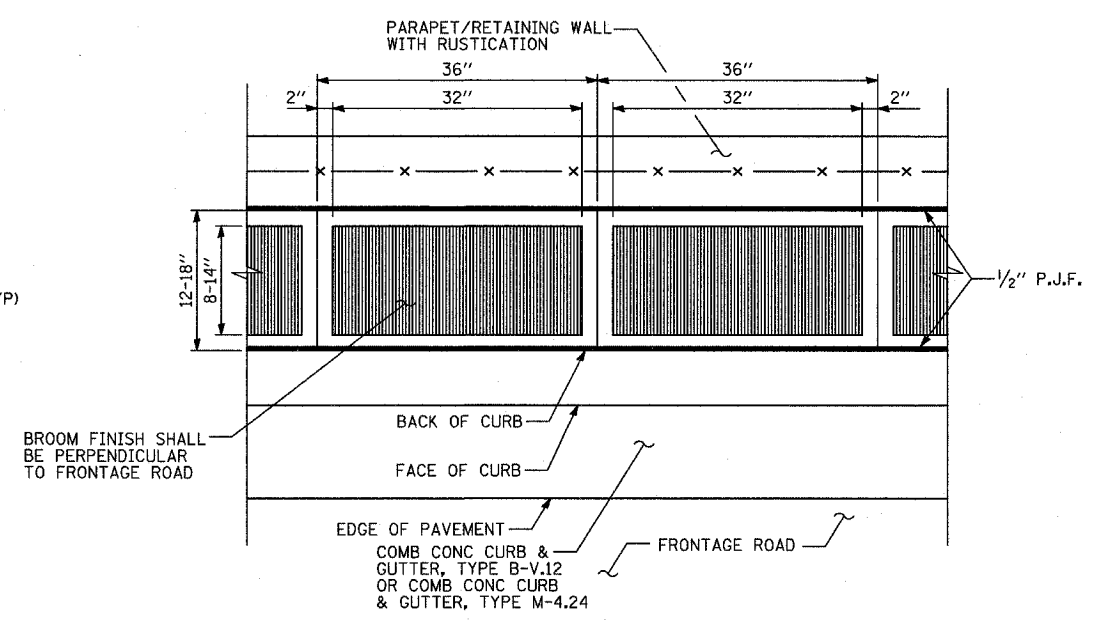
**CARRIAGE WALK "C"**  
AREA >18" WIDE

**VARIES PANEL:**  
• IF THE WIDTH IS  $\geq 4"$  THEN APPLY BROOM FINISH FLUSH TO THE RETAINING WALL WITH 4" CALIFORNIA JOINT  
• IF THE WIDTH IS  $< 4"$  THEN SURFACE TO BE HARD TROWELLED (SEE DETAIL A)

**VARIES PANEL:**  
• IF THE WIDTH IS  $\geq 4"$  THEN APPLY BROOM FINISH FLUSH TO THE RETAINING WALL WITH 4" CALIFORNIA JOINT  
• IF THE WIDTH IS  $< 4"$  THEN SURFACE TO BE HARD TROWELLED (SEE DETAIL A)



**DETAIL "A": COORDINATE WITH CARRIAGE WALK "C"**  
CALIFORNIA FINISH



**DETAIL "B": COORDINATE WITH CARRIAGE WALK "B"**  
CALIFORNIA FINISH

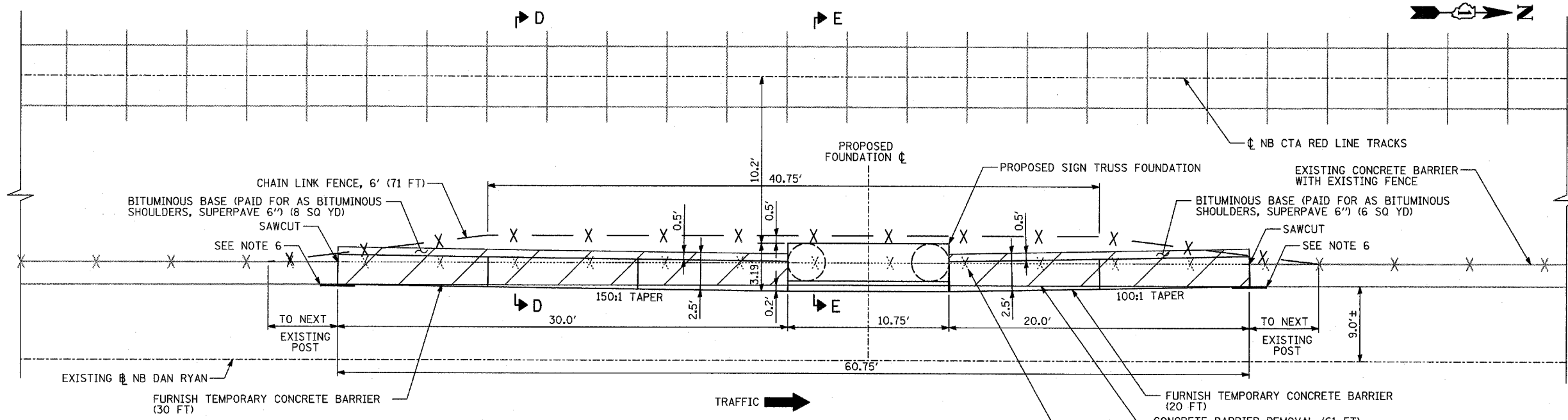
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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
CONCRETE MEDIAN SURFACE, 5" (MODIFIED)  
WITH CALIFORNIA FINISH

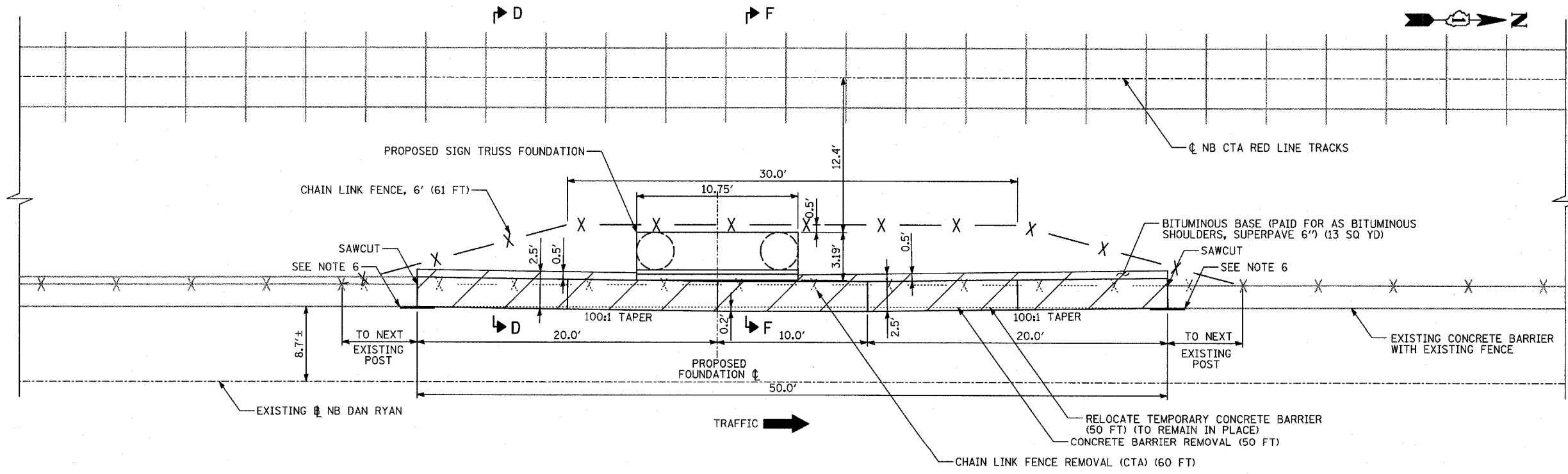
SCALE: NONE  
DATE: MARCH 18, 2005  
DRAWN BY: MPG  
CHECKED BY: JPM







**NB I-94 BARRIER RESTORATION AT OVERHEAD SIGN STRUCTURE  
MEDIAN SUPPORT FOUNDATION AT STA. 2264+34**



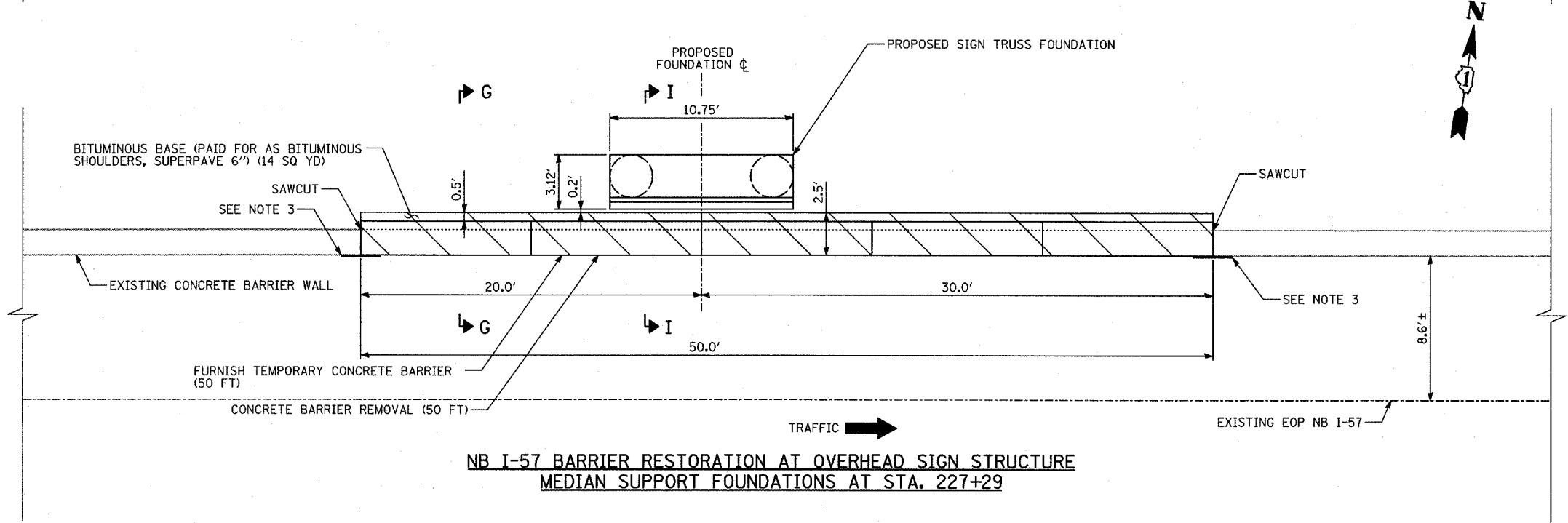
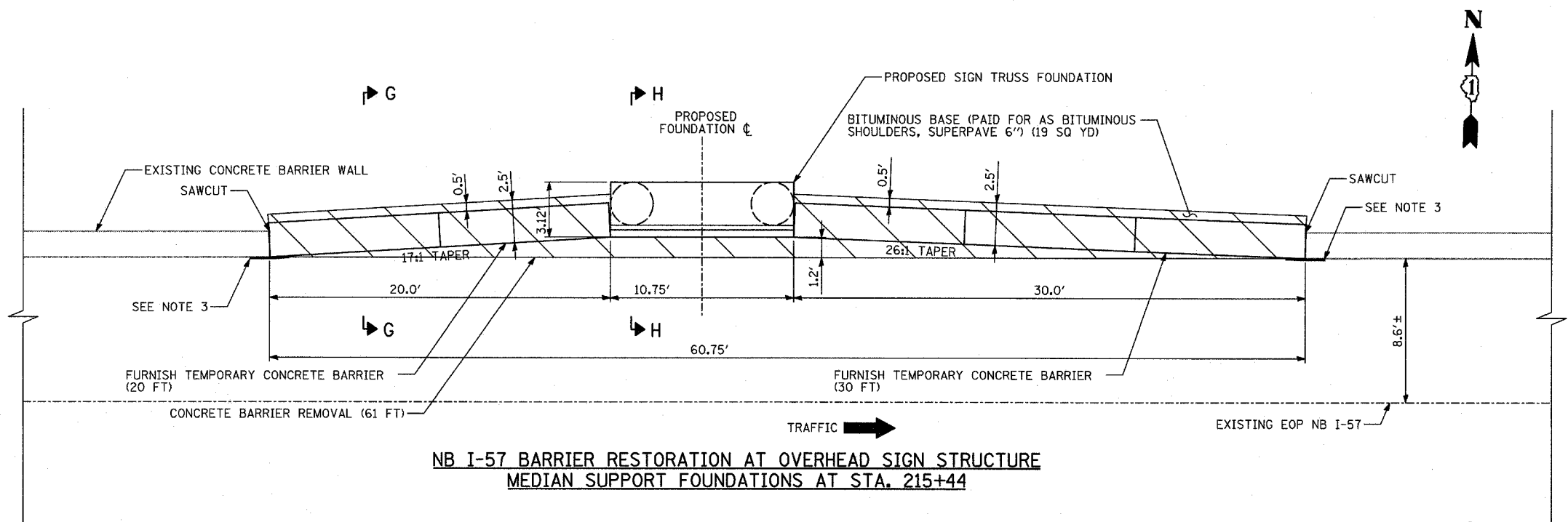
**NB I-94 BARRIER RESTORATION AT OVERHEAD SIGN STRUCTURE  
MEDIAN SUPPORT FOUNDATION AT STA. 2344+44**

**NOTES:**

- FENCE REMOVAL SHOWN IS THE MINIMUM TO BE REMOVED. EXISTING FENCE SHALL BE REMOVED TO THE NEXT FENCE POST.
- BARRIER WALL CONTAINS LIGHTING CONDUIT. BEFORE BARRIER IS REMOVED, CONTRACTOR FOR CONTRACT 62583 SHALL INSTALL AERIAL CABLE AND TEMPORARY POLES.
- REFER TO OVERHEAD SIGN STRUCTURES MEDIAN SUPPORT FOUNDATION DETAILS FOR PROPOSED BARRIER WALL DETAILS.
- REFER TO SIGNING PLANS AND SIGN STRUCTURE SHEETS FOR LOCATION DETAILS.
- CHAIN LINK FENCE, 6' SHALL BE PLACED SUCH THAT NO MORE THAN A 3" GAP EXISTS BETWEEN EXISTING CTA FENCE AND PROPOSED FENCE. CHAIN LINK FENCE SHALL BE PLACED IMMEDIATELY AFTER REMOVAL OF EXISTING ITEMS.
- THE PROPOSED PRECAST BARRIER SHALL BE FASTENED WITH TWO DOUBLE GUARDRAIL END SHOES (SEE DETAIL). END SHOES SHALL BE BOLTED TO THE EXISTING AND THE PROPOSED BARRIER. BOLT SIZE AND EMBEDMENT SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF "FURNISH TEMPORARY CONCRETE BARRIER" OR "RELOCATE TEMPORARY CONCRETE BARRIER".
- "FURNISH TEMPORARY CONCRETE BARRIER" AND "RELOCATE TEMPORARY CONCRETE BARRIER" SHALL BE SECURED TO THE SURFACE WITH DOWEL BARS ACCORDING TO ART. 704.06 OF THE STANDARD SPECIFICATIONS.
- SAWCUTTING OF EXISTING BARRIER WALL TO BE INCLUDED IN THE COST OF "CONCRETE BARRIER REMOVAL". EXISTING BARRIER SHALL BE CUT SUCH THAT NO MORE THAN A 3" GAP EXISTS BETWEEN THE END OF THE PROPOSED PRECAST BARRIER AND THE END OF THE EXISTING WALL AT THE COMPLETION OF THE PROJECT.
- EXCAVATION AND RE-GRADING OF CTA BALLAST STONE SHALL BE INCLUDED IN THE UNIT PRICE FOR THE MEDIAN SUPPORT FOUNDATION.
- REFER TO THE SPECIAL PROVISIONS FOR DETAILS REGARDING COORDINATION WITH THE CTA.

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
DETAIL OF EXISTING BARRIER WALL  
RESTORATION FOR OVERHEAD SIGN  
STRUCTURE MEDIAN SUPPORT FOUNDATION -  
NB I-94 STA. 2264+34 & 2344+44 PLAN VIEWS  
SCALE: NONE DRAWN BY: MPG  
DATE: MARCH 18, 2005 CHECKED BY: TGB



**NOTES:**

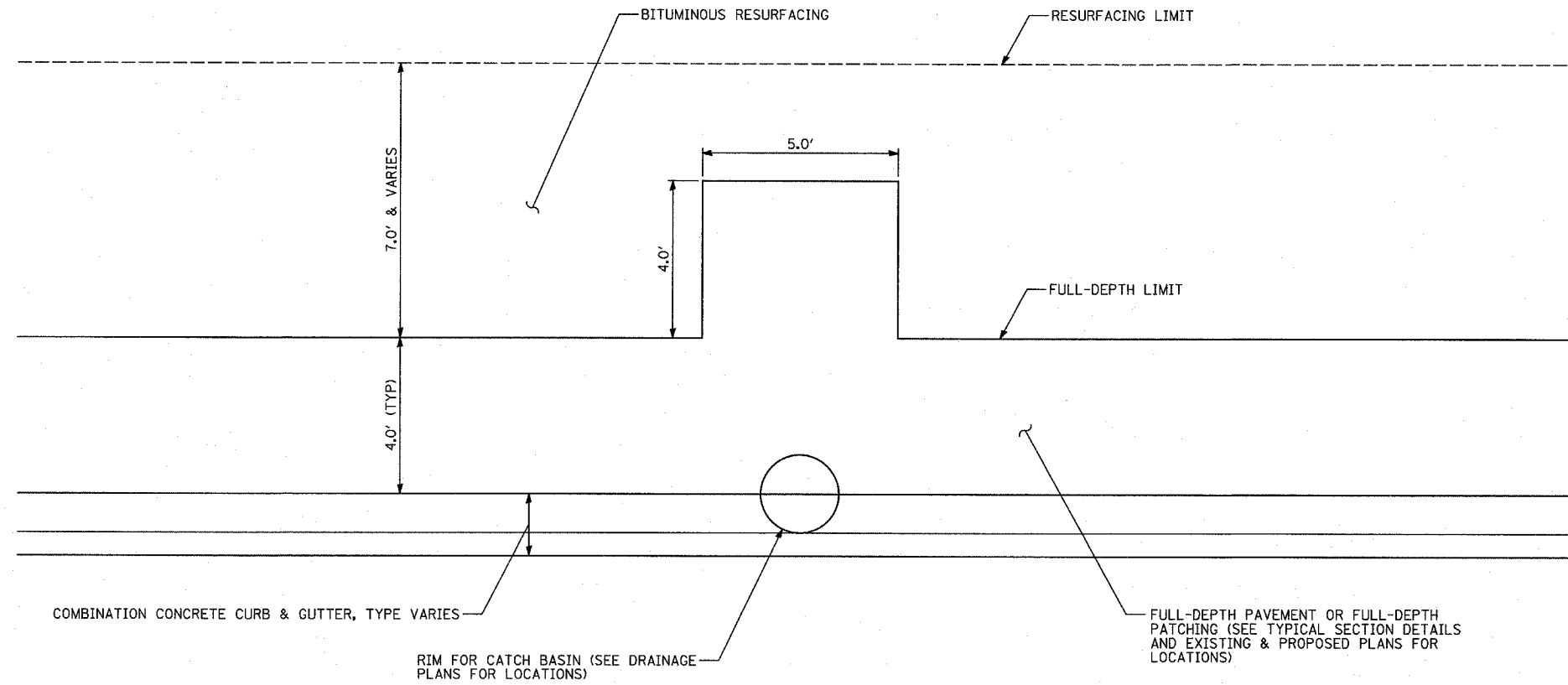
- REFER TO OVERHEAD SIGN STRUCTURES MEDIAN SUPPORT FOUNDATION DETAILS FOR PROPOSED BARRIER WALL DETAILS.
- REFER TO SIGNING PLANS AND SIGN STRUCTURE SHEETS FOR LOCATION DETAILS.
- THE PROPOSED PRECAST BARRIER SHALL BE FASTENED WITH TWO DOUBLE GUARDRAIL END SHOES (SEE DETAIL). END SHOES SHALL BE BOLTED TO THE EXISTING AND THE PROPOSED BARRIER. BOLT SIZE AND EMBEDMENT SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF "FURNISH TEMPORARY CONCRETE BARRIER".
- "FURNISH TEMPORARY CONCRETE BARRIER" SHALL BE SECURED TO THE SURFACE WITH DOWEL BARS ACCORDING TO ART. 704.06 OF THE STANDARD SPECIFICATIONS.
- SAWCUTTING OF EXISTING BARRIER WALL TO BE INCLUDED IN THE COST OF "CONCRETE BARRIER REMOVAL". EXISTING BARRIER SHALL BE CUT SUCH THAT NO MORE THAN A 3" GAP EXISTS BETWEEN THE END OF THE PROPOSED PRECAST BARRIER AND THE END OF THE EXISTING WALL AT THE COMPLETION OF THE PROJECT.

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DETAIL OF EXISTING BARRIER WALL  
 RESTORATION FOR OVERHEAD SIGN  
 STRUCTURE MEDIAN SUPPORT FOUNDATION -  
 NB I-57 TYPICAL PLAN VIEWS  
 SCALE: NONE DRAWN BY: MPG  
 DATE: MARCH 18, 2005 CHECKED BY: TGB







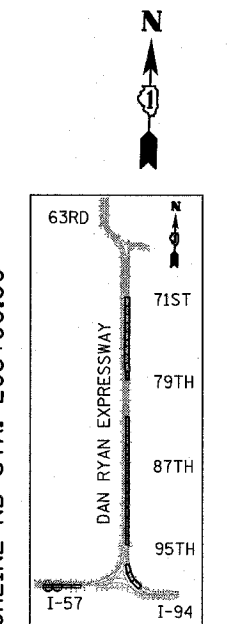
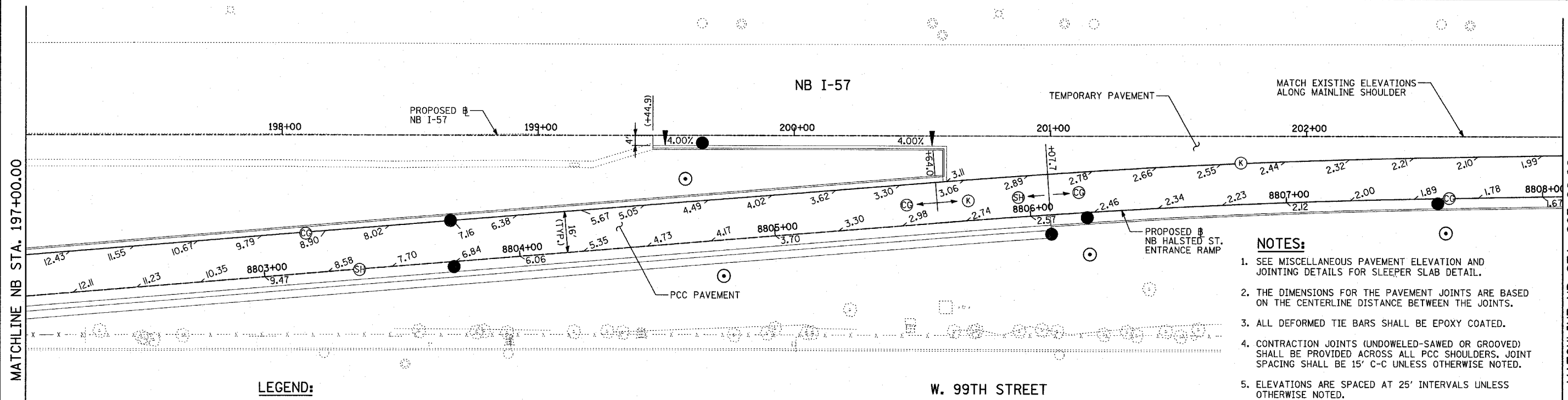
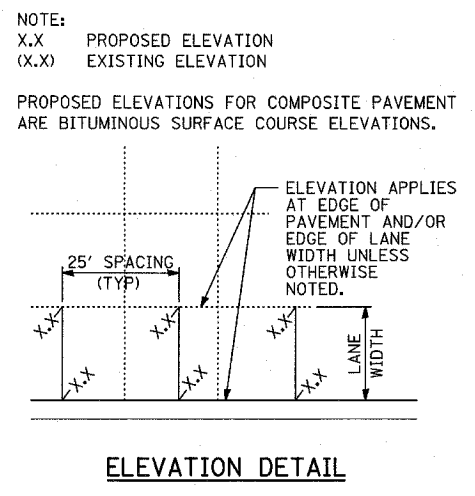
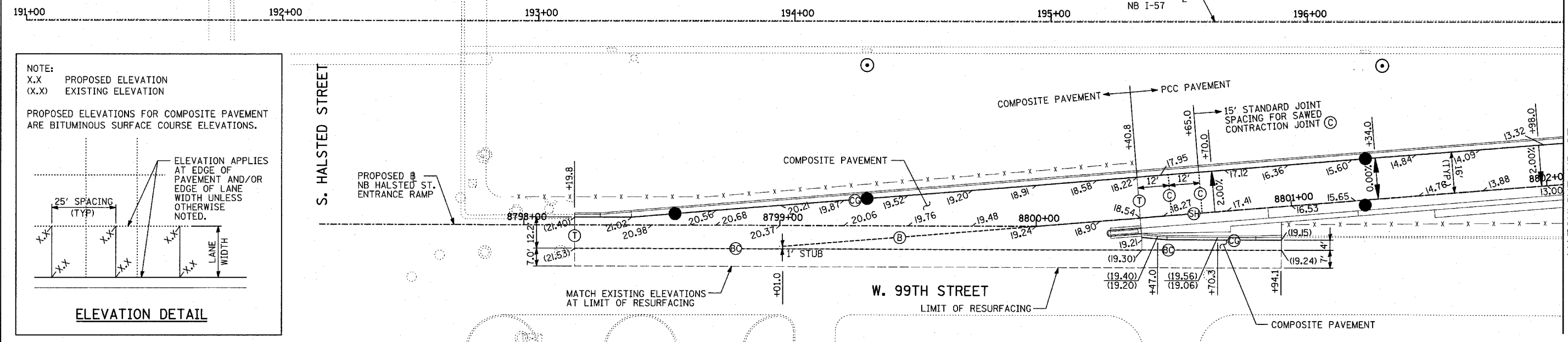
NOTE: LOCATION OF ADDITIONAL PAVEMENT IN RELATION TO CATCH BASIN LOCATION IS DETERMINED BY THE ORIENTATION OF THE EXISTING SEWER UNDER THE FRONTAGE ROAD.

ACTUAL DIMENSIONS ARE TO BE DETERMINED BY THE RESIDENT ENGINEER ON A CASE BY CASE BASIS.

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DETAIL OF ADDITIONAL PAVEMENT  
 REMOVAL AND REPLACEMENT  
 FOR SEWER INSTALLATION

SCALE: NONE  
 DATE: MARCH 18, 2005  
 DRAWN BY: MPG  
 CHECKED BY: TGB



- NOTES:**
- SEE MISCELLANEOUS PAVEMENT ELEVATION AND JOINTING DETAILS FOR SLEEPER SLAB DETAIL.
  - THE DIMENSIONS FOR THE PAVEMENT JOINTS ARE BASED ON THE CENTERLINE DISTANCE BETWEEN THE JOINTS.
  - ALL DEFORMED TIE BARS SHALL BE EPOXY COATED.
  - CONTRACTION JOINTS (UNDOWELED-SAWED OR GROOVED) SHALL BE PROVIDED ACROSS ALL PCC SHOULDERS. JOINT SPACING SHALL BE 15' C-C UNLESS OTHERWISE NOTED.
  - ELEVATIONS ARE SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.
  - ELEVATIONS FOR CURB & GUTTER ALONG TEMPORARY PAVEMENT ARE APPROXIMATE AND MAY VARY, DEPENDING ON EXISTING PAVEMENT ELEVATIONS AND CONDITION. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE.

**LEGEND:**

- |   |   |   |
|---|---|---|
| <p>① TRANSVERSE CONSTRUCTION JOINT WITH NO. 8 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 12" C-C, DRILL AND GROUT INTO PCC BASE COURSE (INCLUDED IN THE COST OF PCC PAVEMENT OR SHOULDERS)</p> <p>② CONSTRUCTION JOINT WITH NO. 6 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 24" C-C, DRILL &amp; GROUT IN PLACE (INCLUDED IN THE COST OF CURB &amp; GUTTER)</p> <p>③ SAWED LONGITUDINAL JOINT WITH NO. 8 DEFORMED TIE BAR (EPOXY COATED), 30" LONG @ 24" C-C (INCLUDED IN THE COST OF PCC PAVEMENT)</p> <p>④ SAWED LONGITUDINAL JOINT WITH NO. 6 DEFORMED TIE BAR (EPOXY COATED), 30" LONG @ 30" C-C (INCLUDED IN THE COST OF PCC BASE COURSE)</p> | <p>⑤ LONGITUDINAL SHOULDER CONSTRUCTION JOINT WITH NO. 8 DEFORMED TIE BAR (EPOXY COATED), 30" LONG @ 24" C-C, DRILL &amp; GROUT IN PLACE (INCLUDED IN THE COST OF PCC PAVEMENT)</p> <p>⑥ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 DEFORMED TIE BAR (EPOXY COATED), 30" LONG @ 24" C-C, DRILL &amp; GROUT IN PLACE (INCLUDED IN THE COST OF PCC PAVEMENT)</p> <p>⑦ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 24" C-C, DRILL &amp; GROUT INTO EXISTING PCC BASE COURSE (INCLUDED IN THE COST OF PCC BASE COURSE)</p> <p>⑧ LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 24" (INCLUDED IN THE COST OF PCC PAVEMENT OR SHOULDERS)</p> | <p>⑨ SAWED CONTRACTION JOINT WITH SMOOTH DOWEL BARS (EPOXY COATED), 1 1/2" DIA., 18" LONG @ 12" C-C (INCLUDED IN THE COST OF PCC PAVEMENT)</p> <p>⑩ 2" EXPANSION JOINT WITH 1 1/2" DIA. CAPPED DOWELS, 18" LONG @ 12" C-C (BARS TO BE DRILLED AND GROUED)</p> <p>⑪ LONGITUDINAL KEYED JOINT WITHOUT TIE BARS (INCLUDED IN THE COST OF PCC PAVEMENT). (IF TEMPORARY PCC PAVEMENT OPTION USED, POLYETHYLENE BOND BREAKER MUST BE INCLUDED IN THE COST OF PCC PAVEMENT.)</p> |
|---|---|---|

**LEGEND:**

(+XX.X) MAINLINE # STATION  
 +XX.X RAMP # STATION

**TYLIN INTERNATIONAL**

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

**PAVEMENT JOINTING AND ELEVATION PLAN  
 NB HALSTED STREET ENTRANCE RAMP  
 NB I-57 STA. 193+50.00 TO 203+00.00**

SCALE: 1"=20'  
 DATE: MARCH 18, 2005

DRAWN BY: JPM  
 CHECKED BY: JPM, MAG

