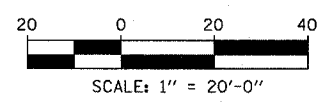


LOCATION MAP



PAVEMENT MARKING NOTES:

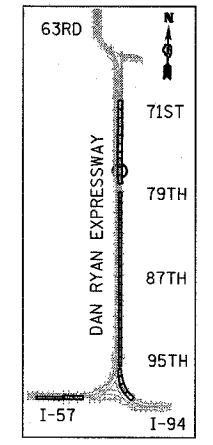
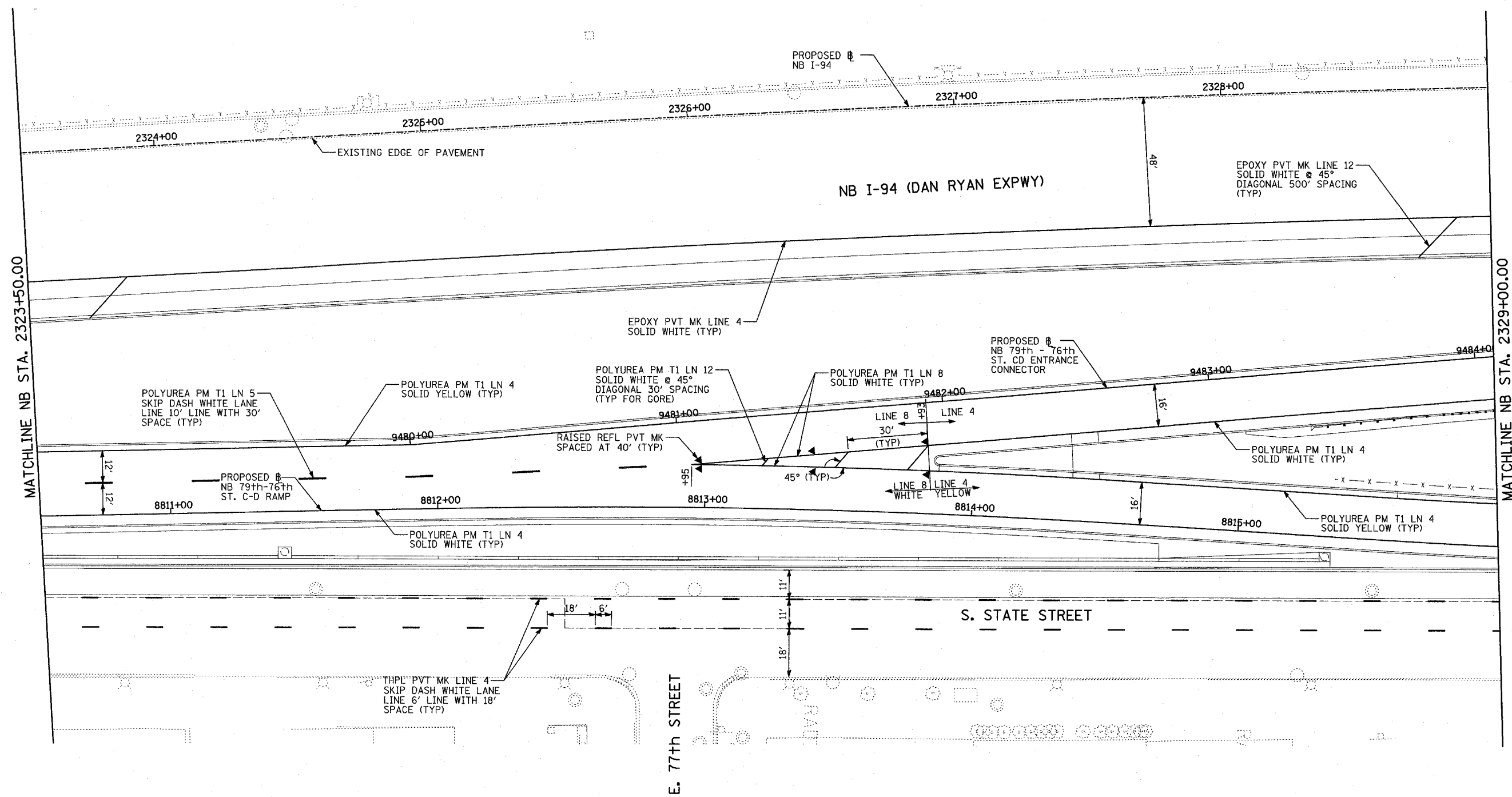
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- THE RESIDENT ENGINEER SHALL CONTACT JULIA FOX (847) 705-4151, EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, PRIOR TO PLACING ANY PAVEMENT MARKINGS.

REVISIONS	
NAME	DATE

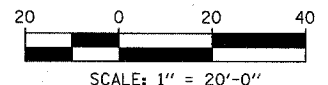
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PAVEMENT MARKING
 NB 79th TO 76th STREET C-D RAMP
 NB I-94 STA. 2318+00.00 TO 2323+50.00

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

DRAWN BY: TB
 CHECKED BY: MPG



LOCATION MAP



PAVEMENT MARKING NOTES:

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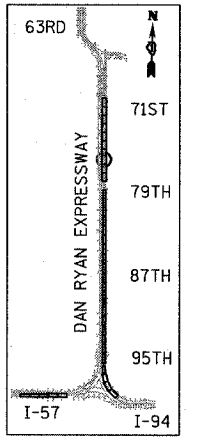
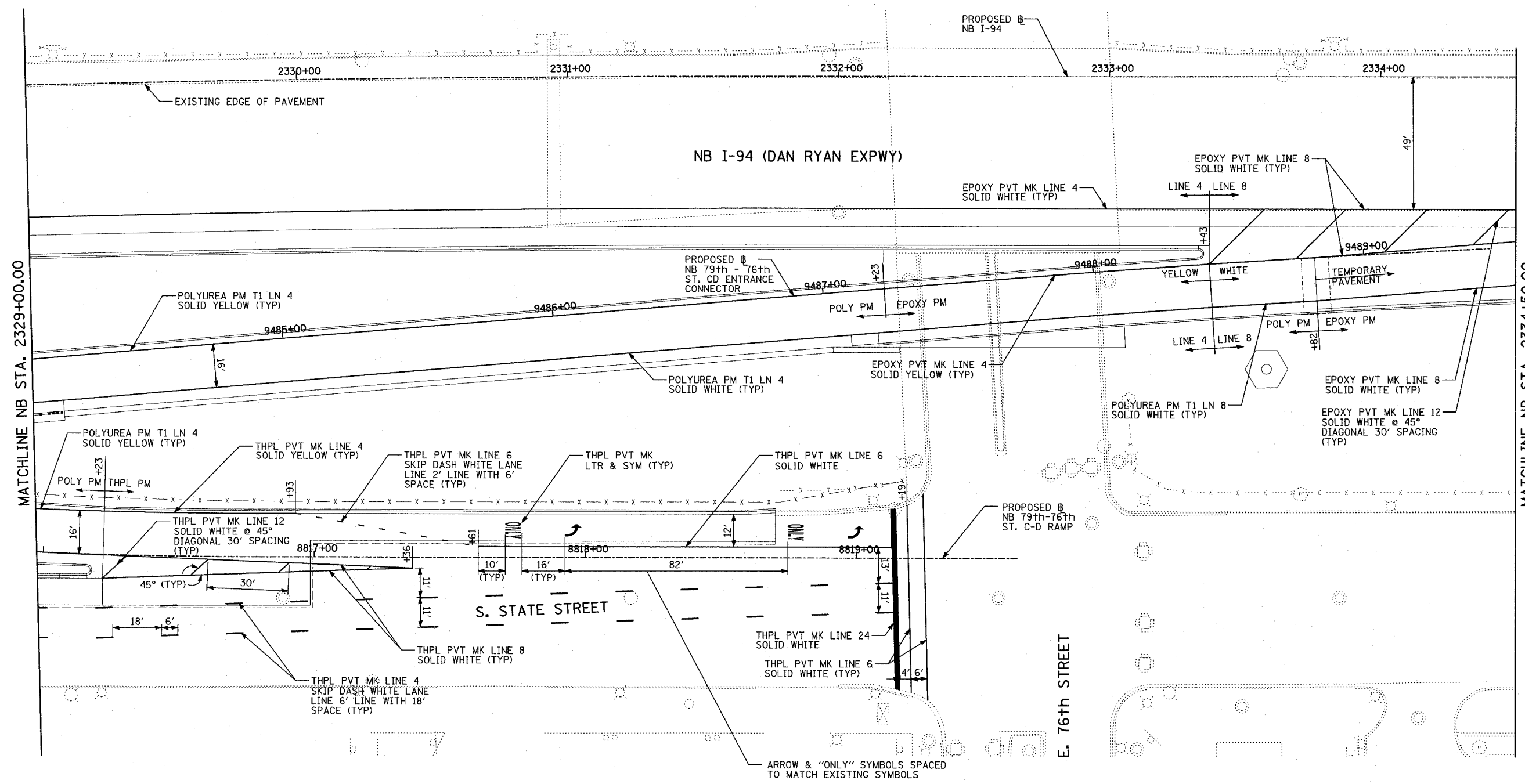
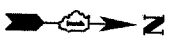
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING
NB 79th TO 76th STREET C-D RAMP
NB I-94 STA. 2323+50.00 TO 2329+00.00

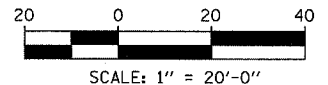
SCALE: 1"=20'
DATE: MARCH 18, 2005
DRAWN BY: TB
CHECKED BY: MPG

TYLIN INTERNATIONAL

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LOCATION MAP



PAVEMENT MARKING NOTES:

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REVISIONS	
NAME	DATE

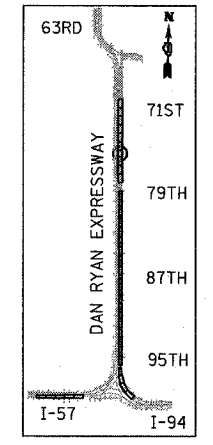
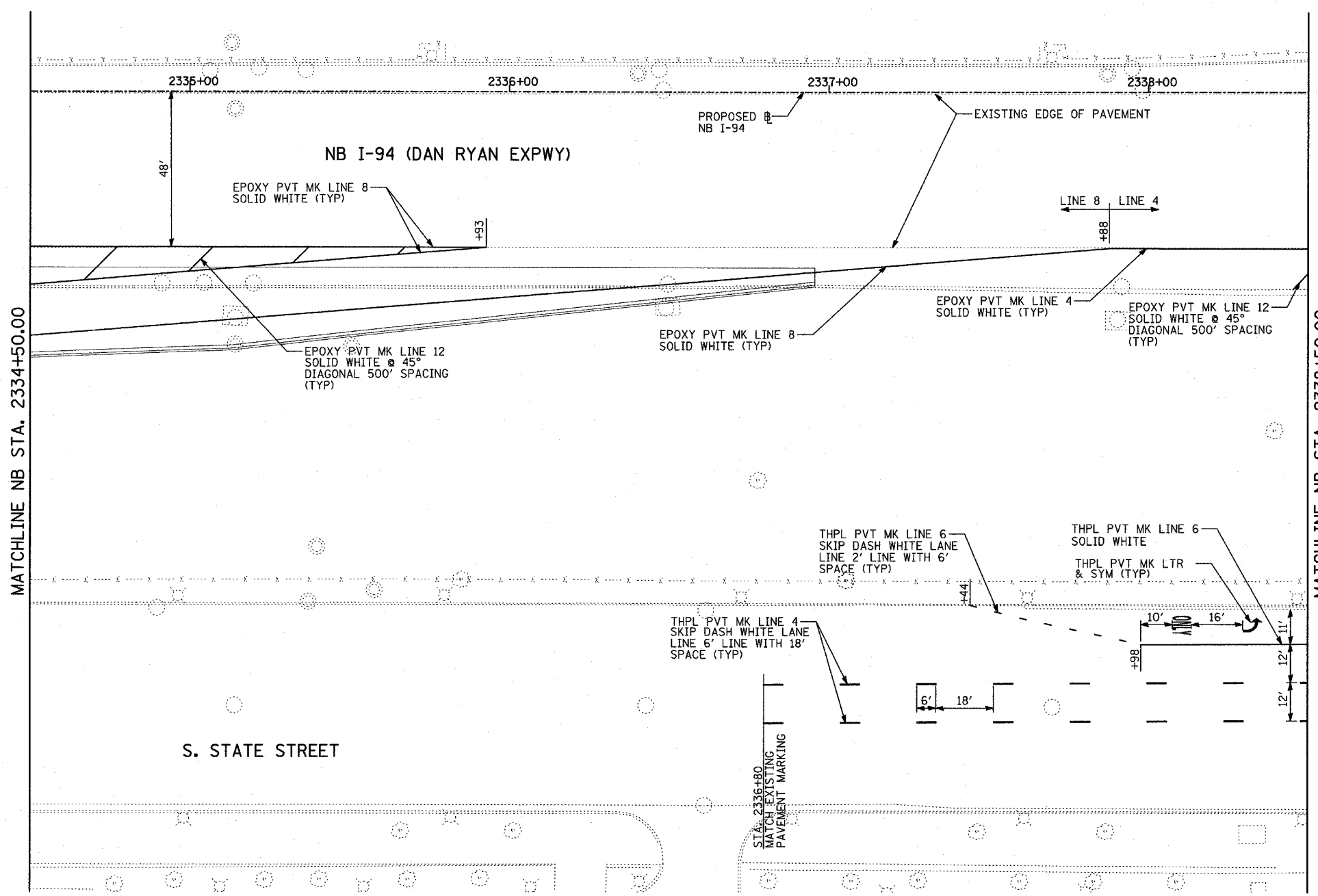
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING
NB 79th TO 76th STREET C-D RAMP
NB I-94 STA. 2329+00.00 TO 2334+50.00

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

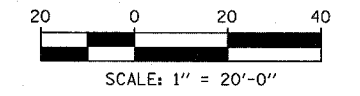
TYLININTERNATIONAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	304
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



PAVEMENT MARKING NOTES:

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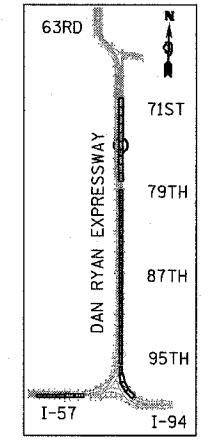
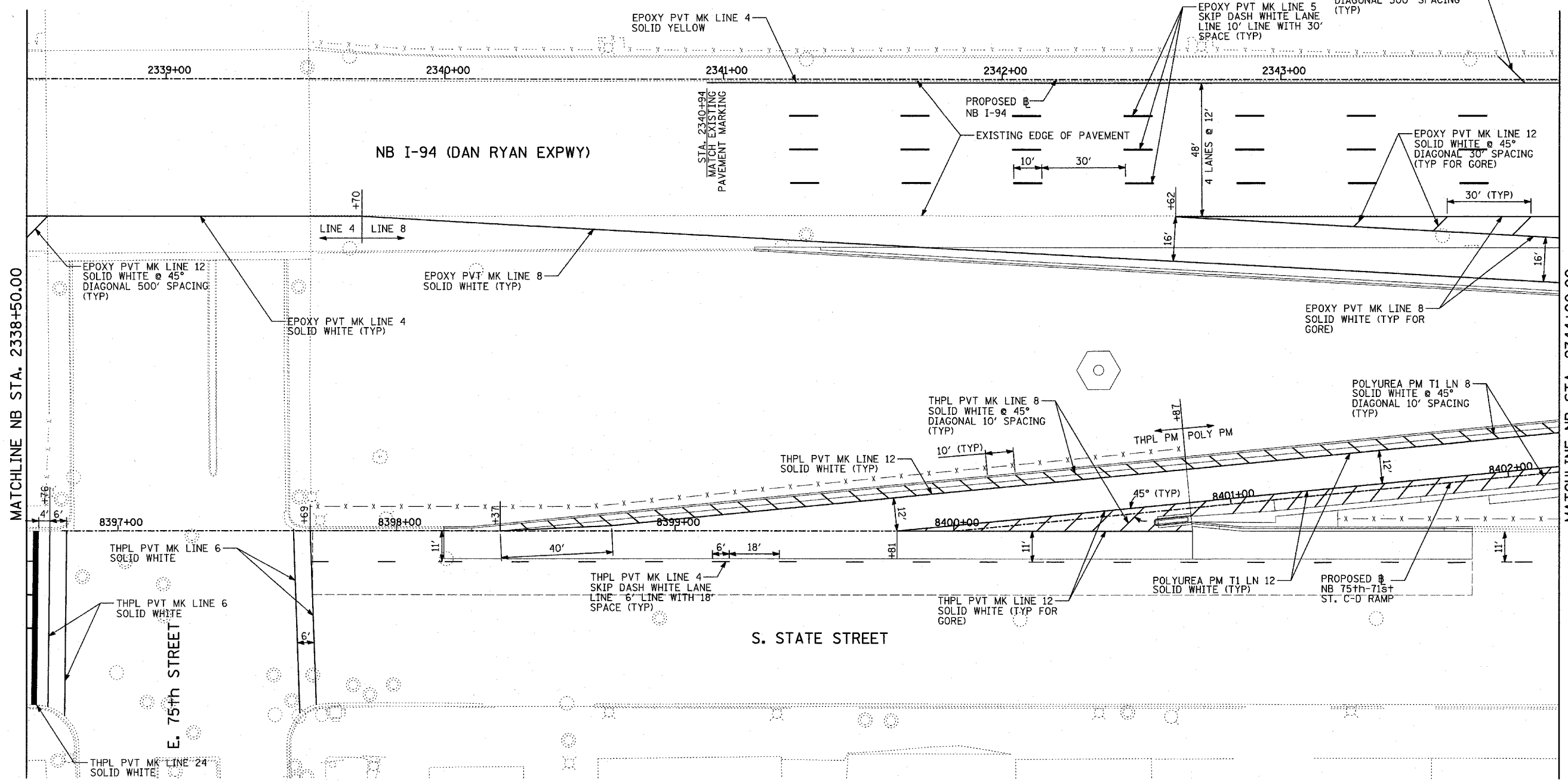
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PAVEMENT MARKING
 NB 79th TO 76th STREET C-D RAMP
 NB I-94 STA. 2334+50.00 TO 2338+50.00

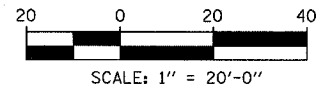
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TYLIN INTERNATIONAL

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LOCATION MAP



PAVEMENT MARKING NOTES:

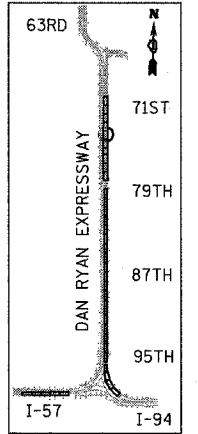
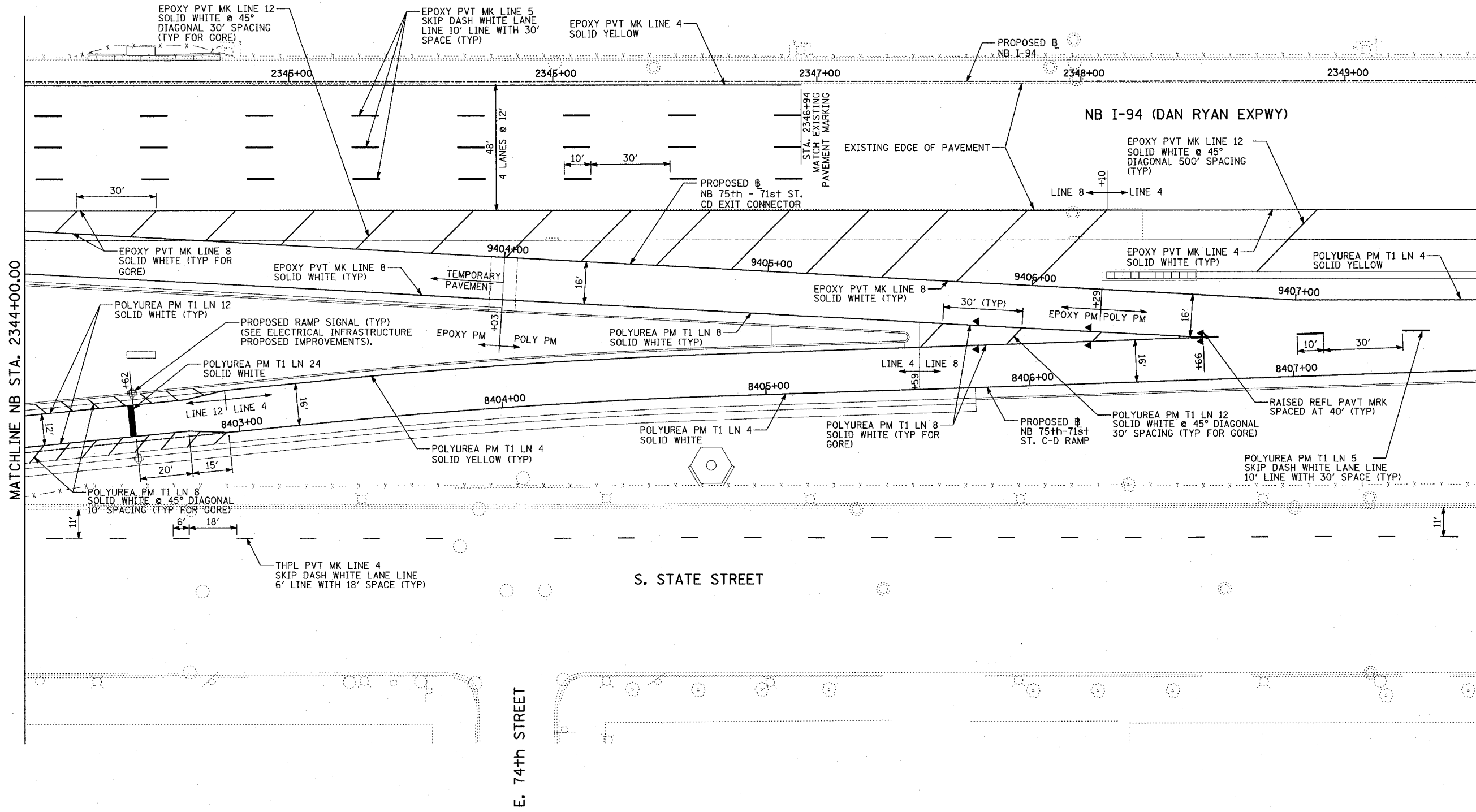
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REVISIONS	
NAME	DATE

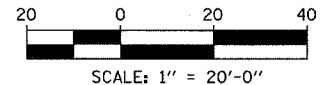
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PAVEMENT MARKING
 NB 75th TO 71st STREET C-D RAMP
 NB I-94 STA. 2338+50.00 TO 2344+00.00

SCALE: 1"=20'
 DATE: MARCH 18, 2005
 DRAWN BY: TB
 CHECKED BY: MPC

TYLININTERNATIONAL



LOCATION MAP



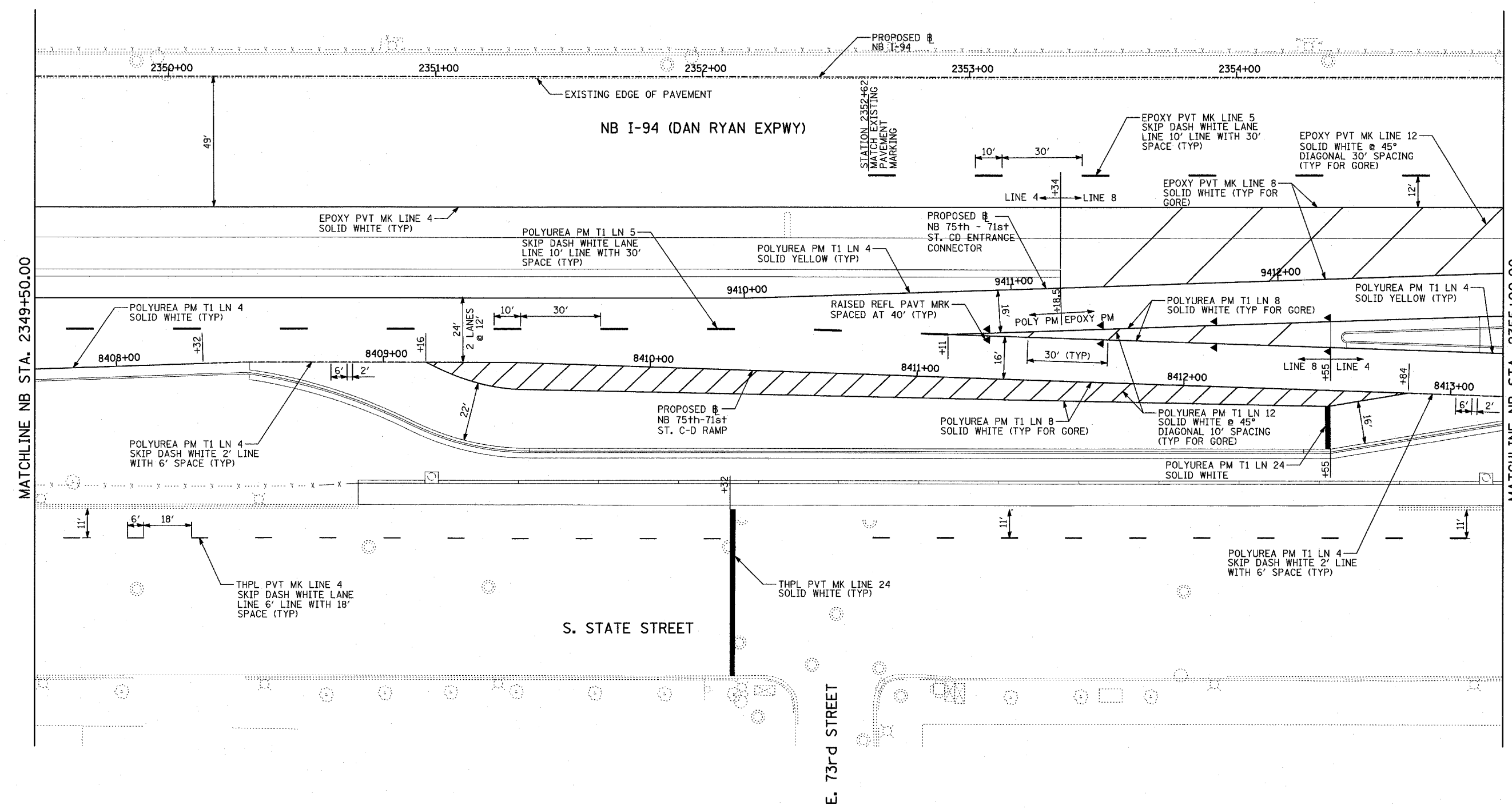
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REVISIONS	
NAME	DATE

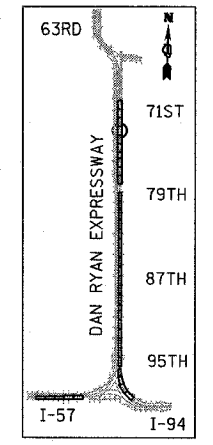
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING
NB 75th TO 71st STREET C-D RAMP
NB I-94 STA. 2344+00.00 TO 2349+50.00

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

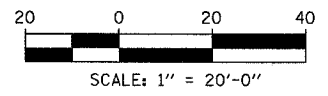


MATCHLINE NB STA. 2355+00.00

MATCHLINE NB STA. 2349+50.00



LOCATION MAP



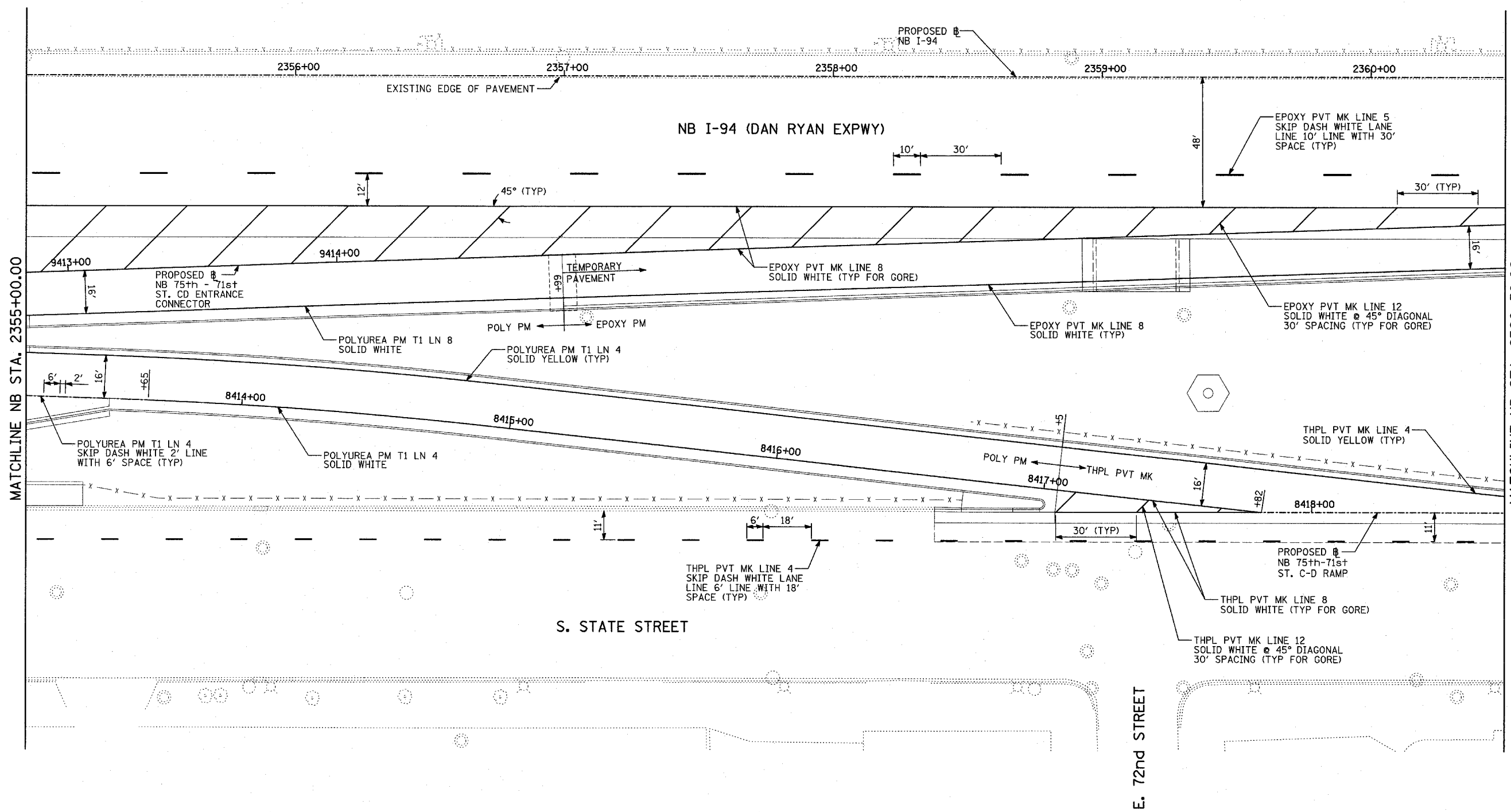
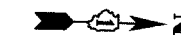
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REVISIONS	
NAME	DATE

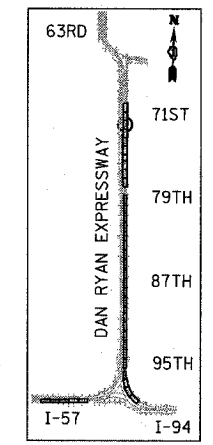
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING
NB 75th to 71st STREET C-D RAMP
NB I-94 STA. 2349+50.00 TO 2355+00.00

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

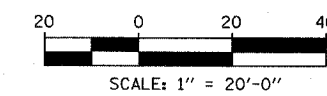


MATCHLINE NB STA. 2360+50.00

MATCHLINE NB STA. 2355+00.00



LOCATION MAP



PAVEMENT MARKING NOTES:

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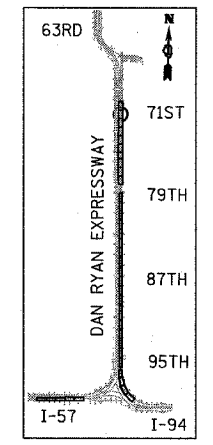
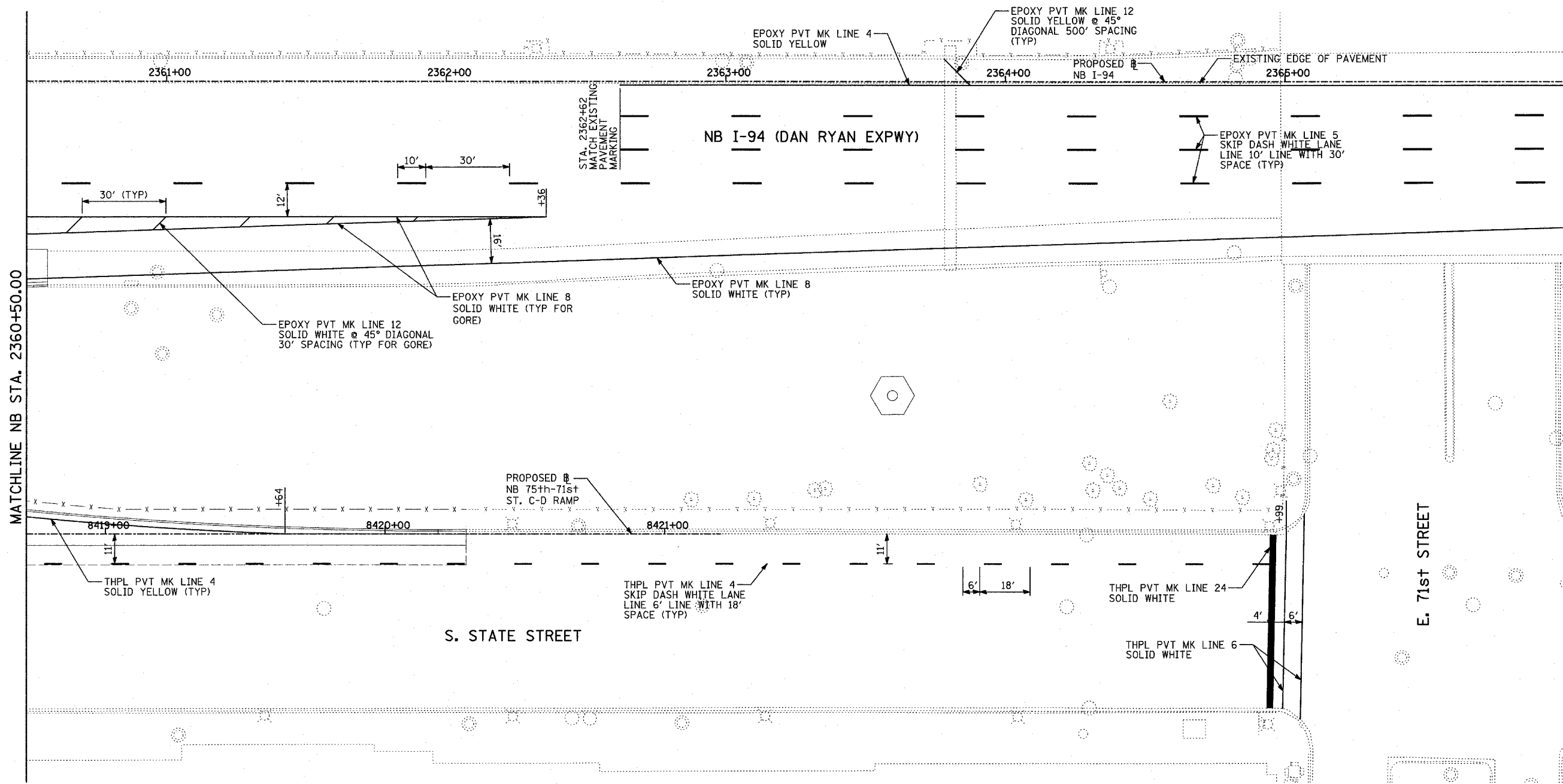
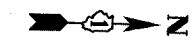
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING
NB 75th TO 71st STREET C-D RAMP
NB I-94 STA. 2355+00.00 TO 2360+50.00

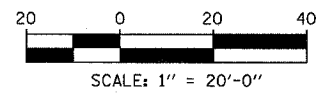
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DATE: MARCH 18, 2005 CHECKED BY: MPG

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	309
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



PAVEMENT MARKING NOTES:

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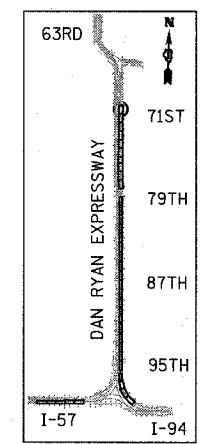
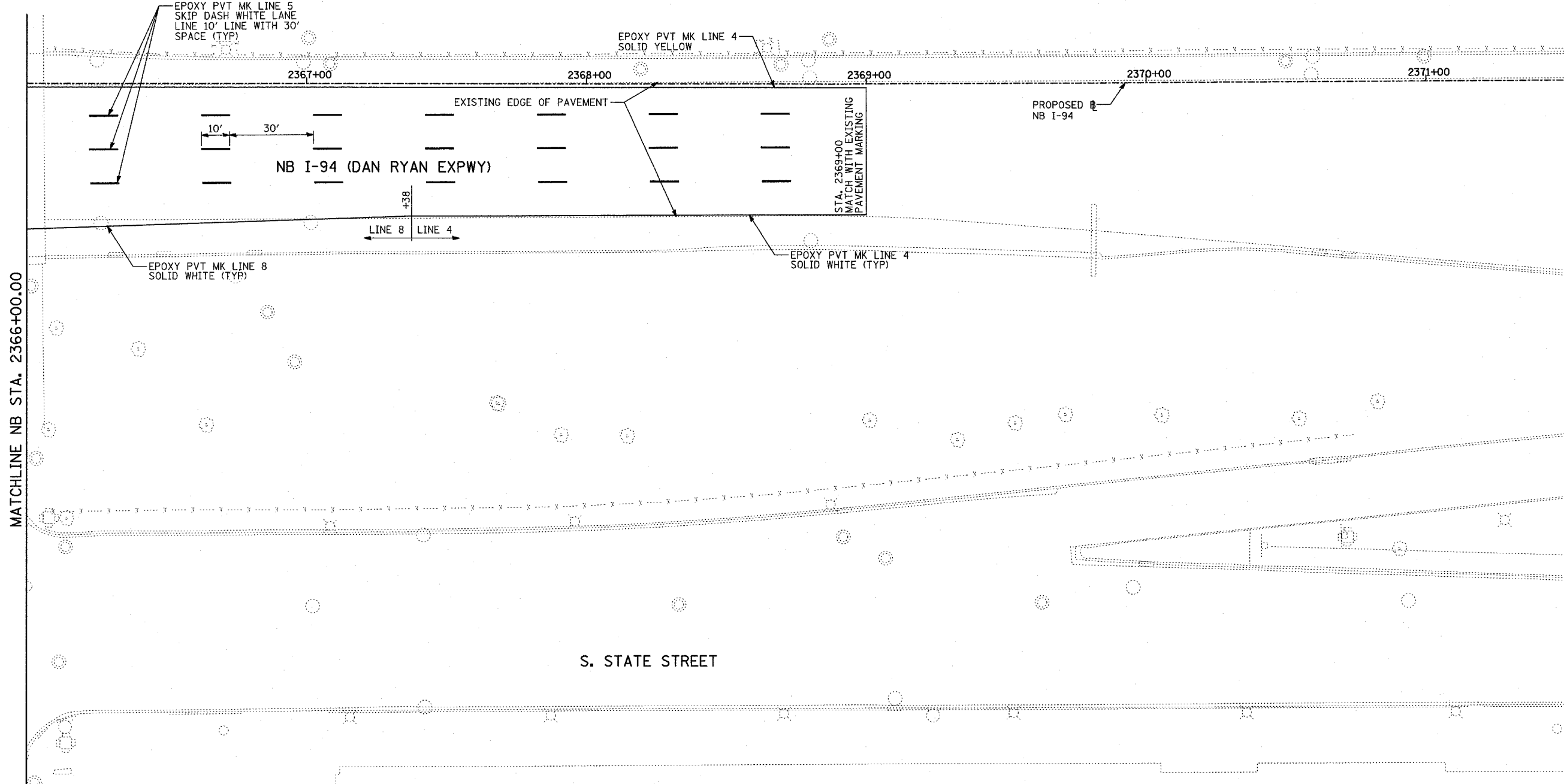
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING
NB 75th TO 71st STREET C-D RAMP
NB I-94 STA. 2360+50.00 TO 2366+00.00

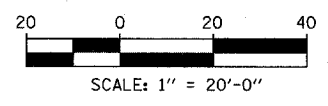
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DATE: MARCH 18, 2005
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CHECKED BY: MPG

TYLININTERNATIONAL

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LOCATION MAP



PAVEMENT MARKING NOTES:

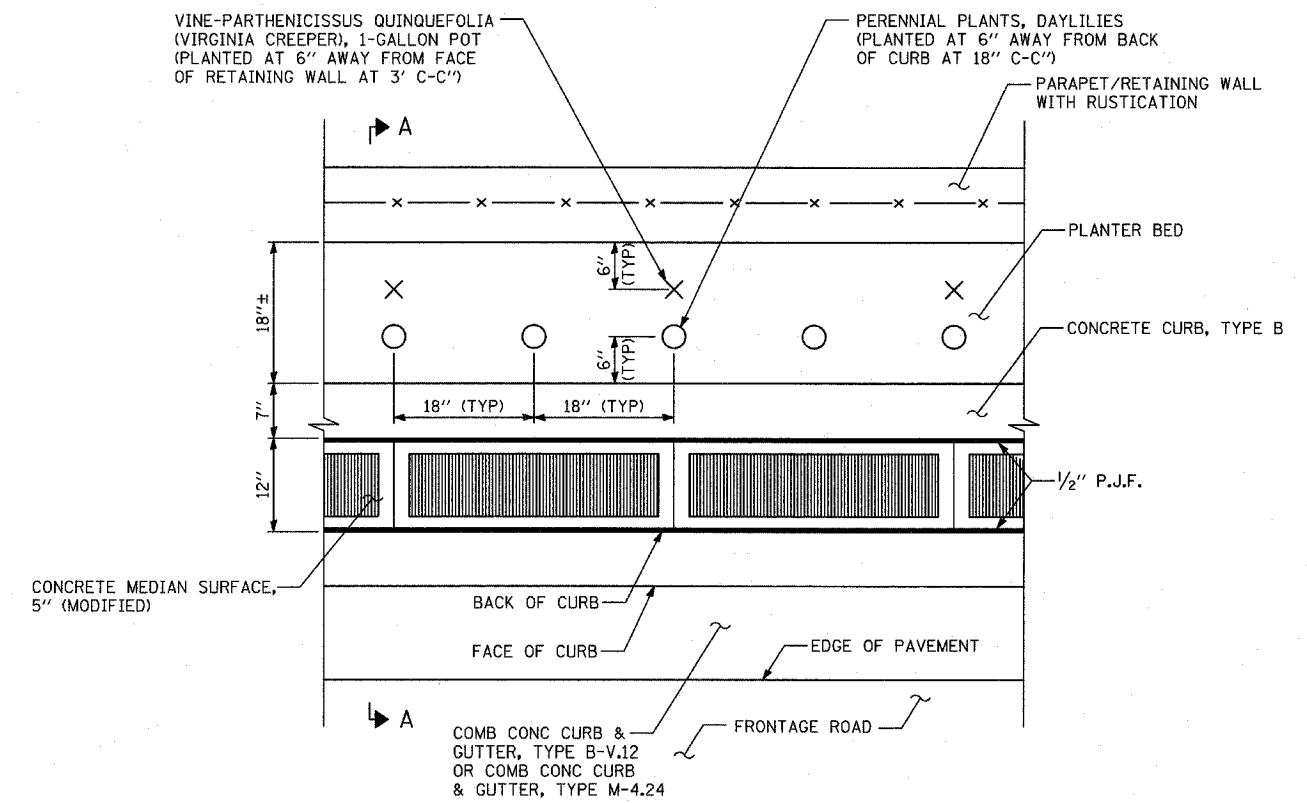
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REVISIONS	
NAME	DATE

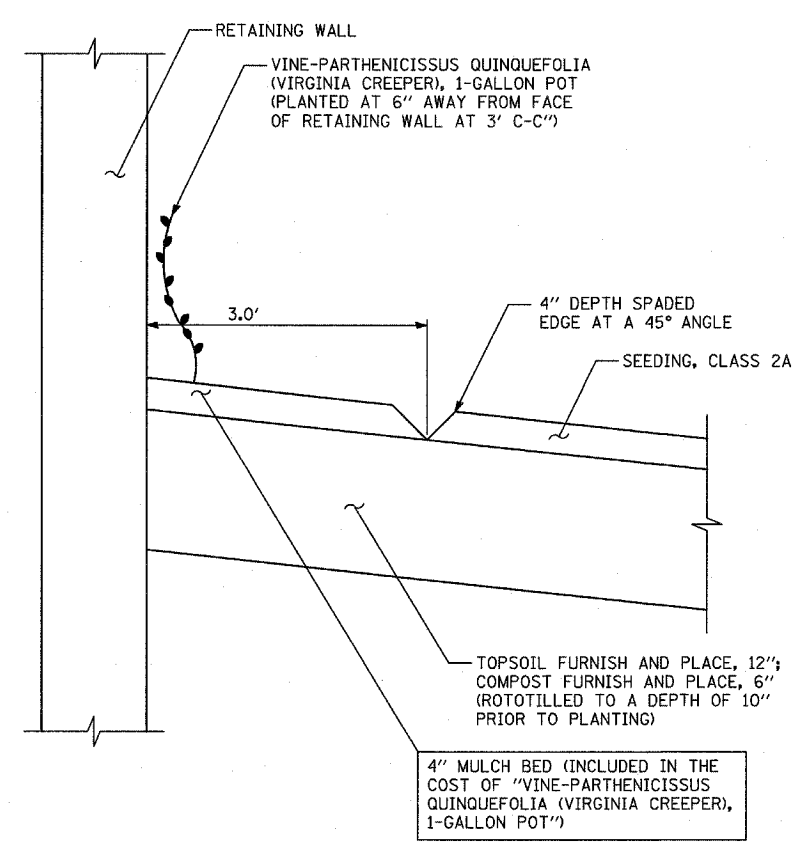
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING
 NB 75th TO 71st STREET C-D RAMP
 NB I-94 STA. 2366+00.00 TO 2371+50.00
 SCALE: 1"=20'
 DATE: MARCH 18, 2005
 DRAWN BY: TB
 CHECKED BY: MPG

TYLIN INTERNATIONAL

03/25/2005 01:37:49 PM



STATE STREET PLANTER BED AT 87TH STREET EXIT RAMP



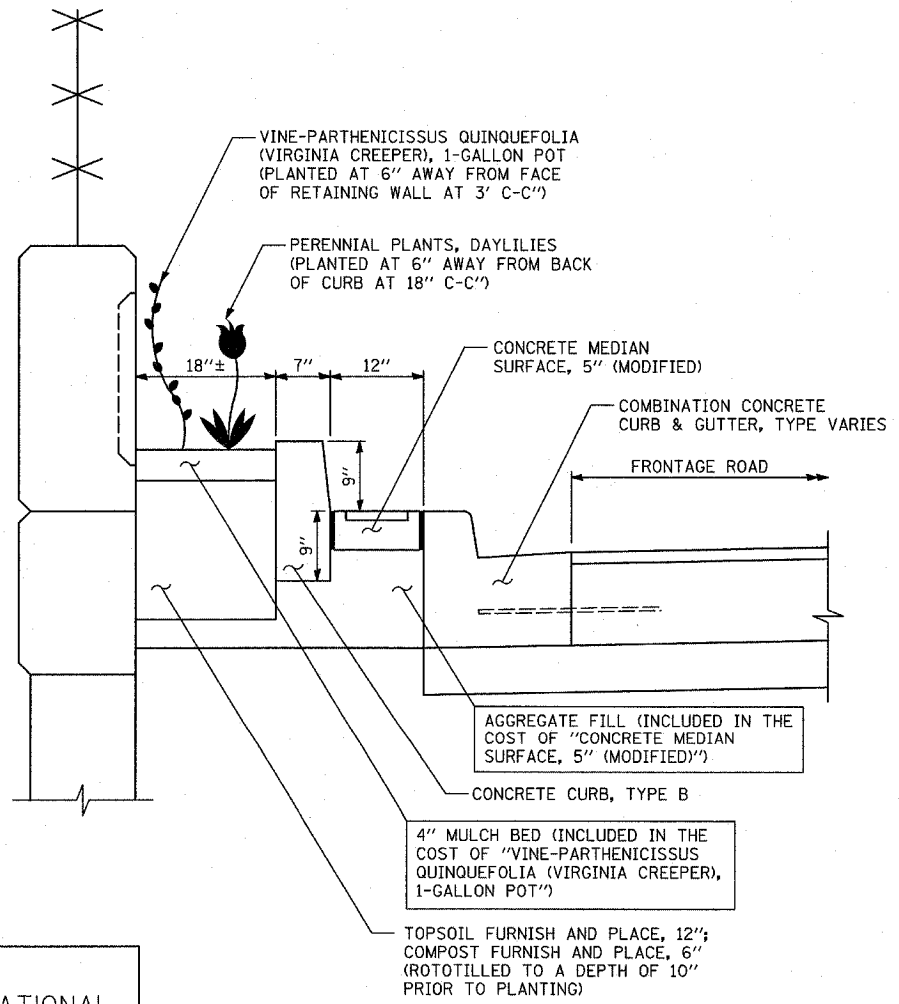
VINE PLANTING DETAIL

GENERAL PLAN NOTES - LANDSCAPING:

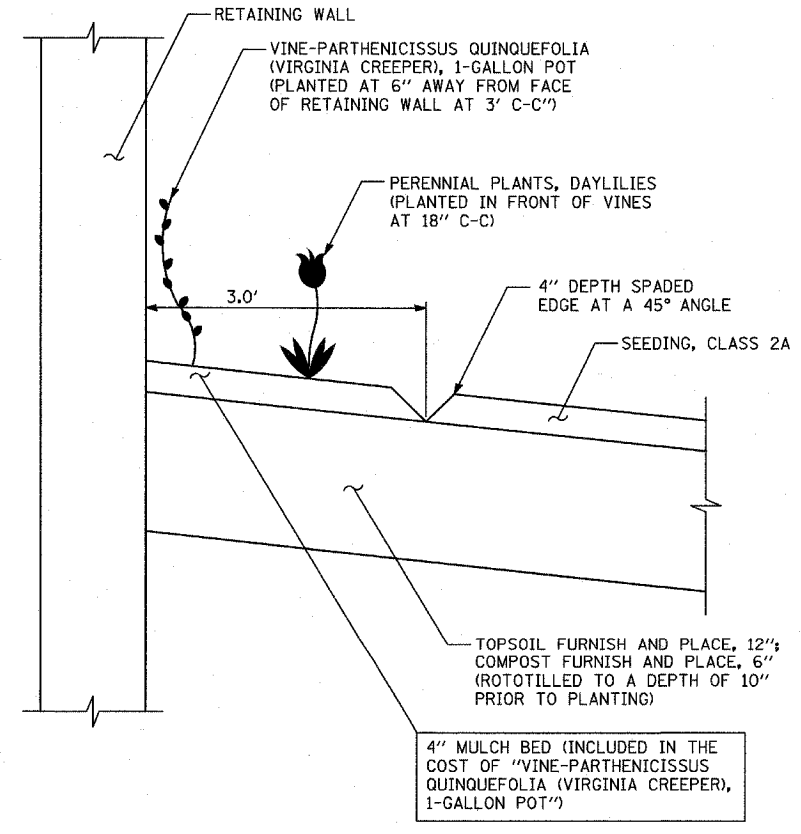
1. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
2. AREAS TO BE SEEDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING, CLASS 2A.

GENERAL PLAN NOTES - PLANTING BED:

3. SEE LANDSCAPING PLANS FOR SPECIFIC LOCATIONS OF VINES AND DAYLILIES.
4. COMPOST AND TOPSOIL SHALL BE THOROUGHLY ROTOTILLED TO A DEPTH OF 10" PRIOR TO PLANTING.
5. THE CONTRACTOR SHALL ORDER MATERIAL FOR "VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT" (VINES) AND "PERENNIAL PLANTS, DAYLILIES" (HEMEROCALLIS "STELLA DE ORO") IMMEDIATELY FOLLOWING EXECUTION OF THE CONTRACT TO ASSURE AVAILABILITY OF THE PLANT MATERIAL FOR SPRING PLANTING AT THE CONCLUSION OF THE CONTRACT.
6. MULCH BED SHALL BE PLACED OVER ROTOTILLED COMPOST/TOPSOIL AS SHOWN IN VINE PLANTING DETAIL AND ACCORDING TO IDOT STANDARD SPECIFICATION 253.11 EXCEPT THAT NO WEED BARRIER FABRIC IS REQUIRED. COST OF MULCH COVER IS INCLUDED WITH PAYMENT FOR "VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT" AND "PERENNIAL PLANTS, DAYLILIES".
7. PRE-EMERGENT GRANULAR HERBICIDE SHALL BE PLACED IN MULCHED BEDS ACCORDING TO THE SPECIAL PROVISION.



SECTION A-A



VINE AND DAYLILY PLANTING DETAIL

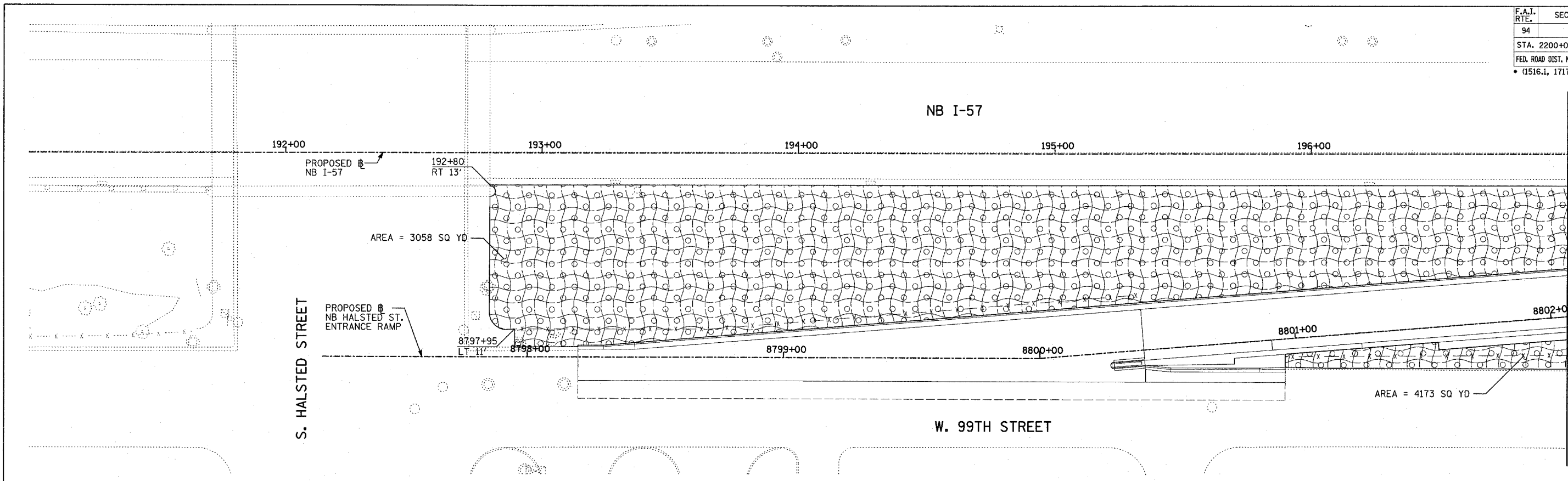
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

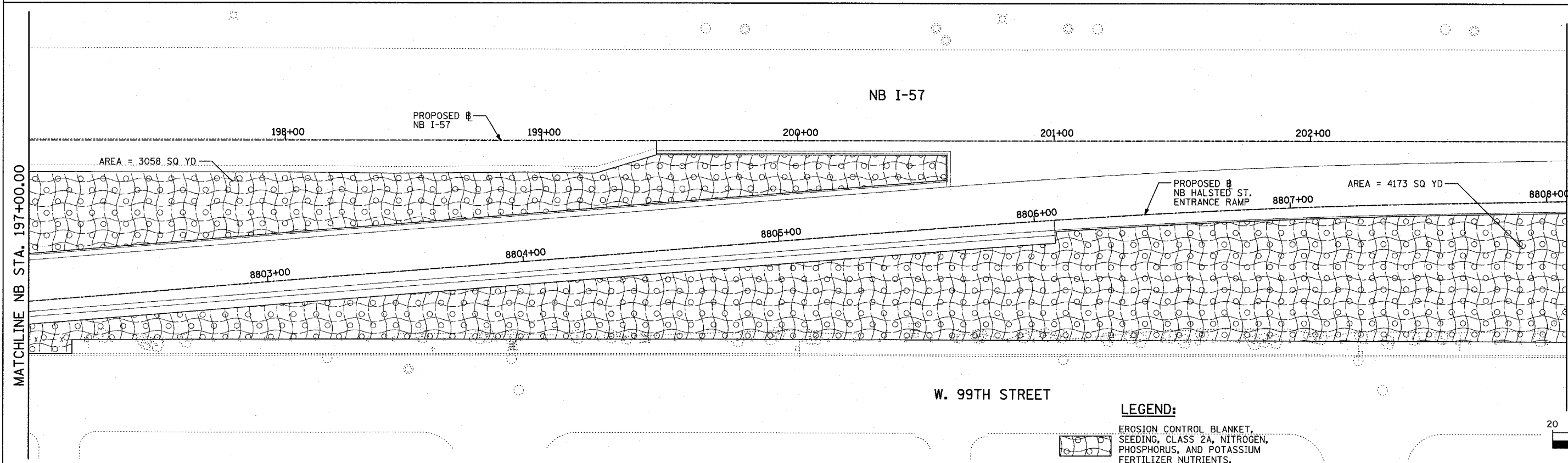
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING DETAILS
 & GENERAL NOTES
 SCALE: NO SCALE DRAWN BY: MPG
 DATE: MARCH 18, 2005 CHECKED BY: JJS

03/25/2005 01:37:20 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	311A
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		

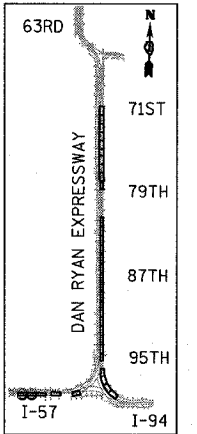


MATCHLINE NB STA. 197+00.00

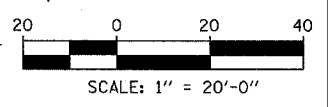


MATCHLINE NB STA. 197+00.00

MATCHLINE NB STA. 203+00.00



LOCATION MAP



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 NB HALSTED STREET ENTRANCE RAMP
 NB I-57 STA. 193+50.00 TO 203+00.00

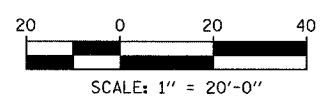
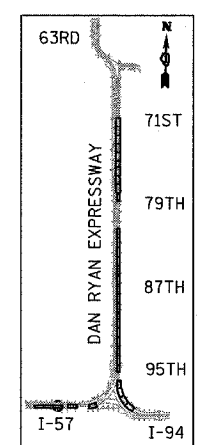
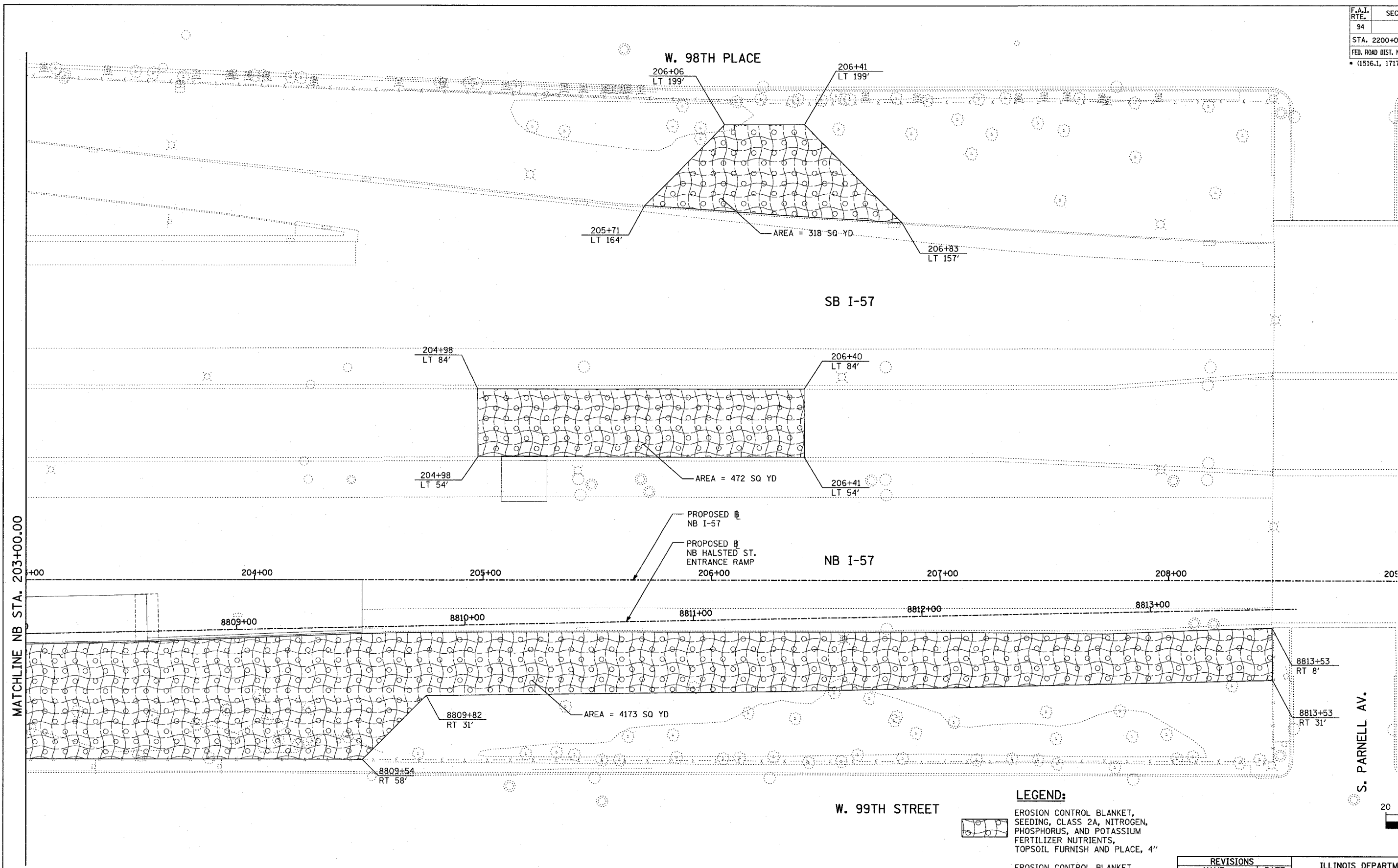
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


TYLIN INTERNATIONAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	312
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB HALSTED STREET ENTRANCE RAMP
 NB I-57 STA. 203+00.00 TO 209+00.00

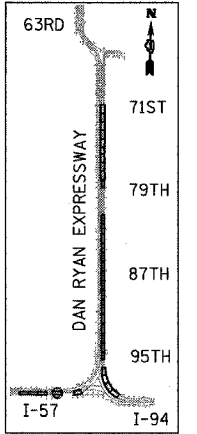
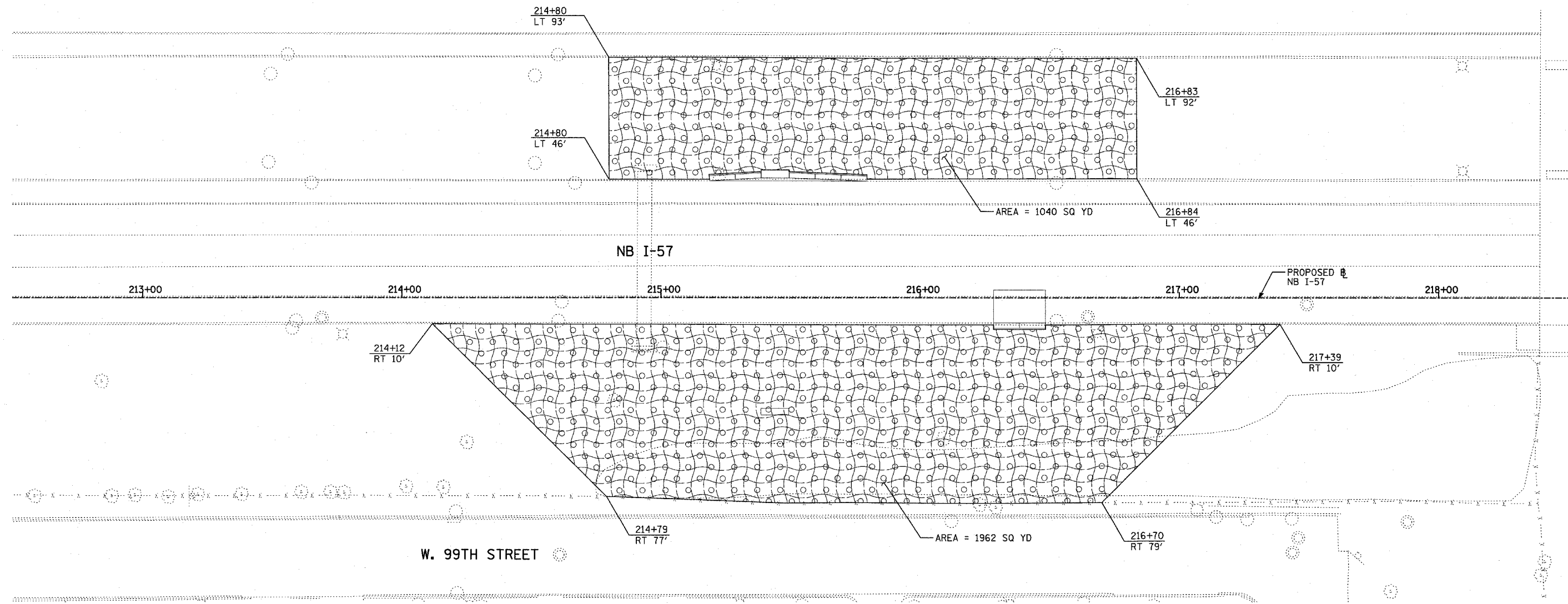
SCALE: 1"=20'
 DATE: MARCH 18, 2005

DRAWN BY: JJS
 CHECKED BY: MPG

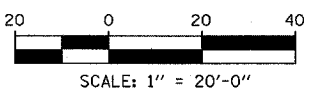
MATCHLINE NB STA. 203+00.00

TYLIN INTERNATIONAL




03/25/2005 09:37:34 PM



LOCATION MAP



LEGEND:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

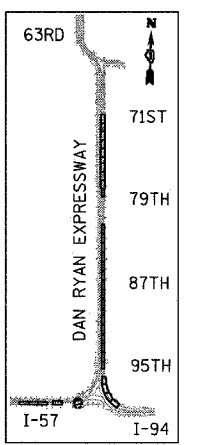
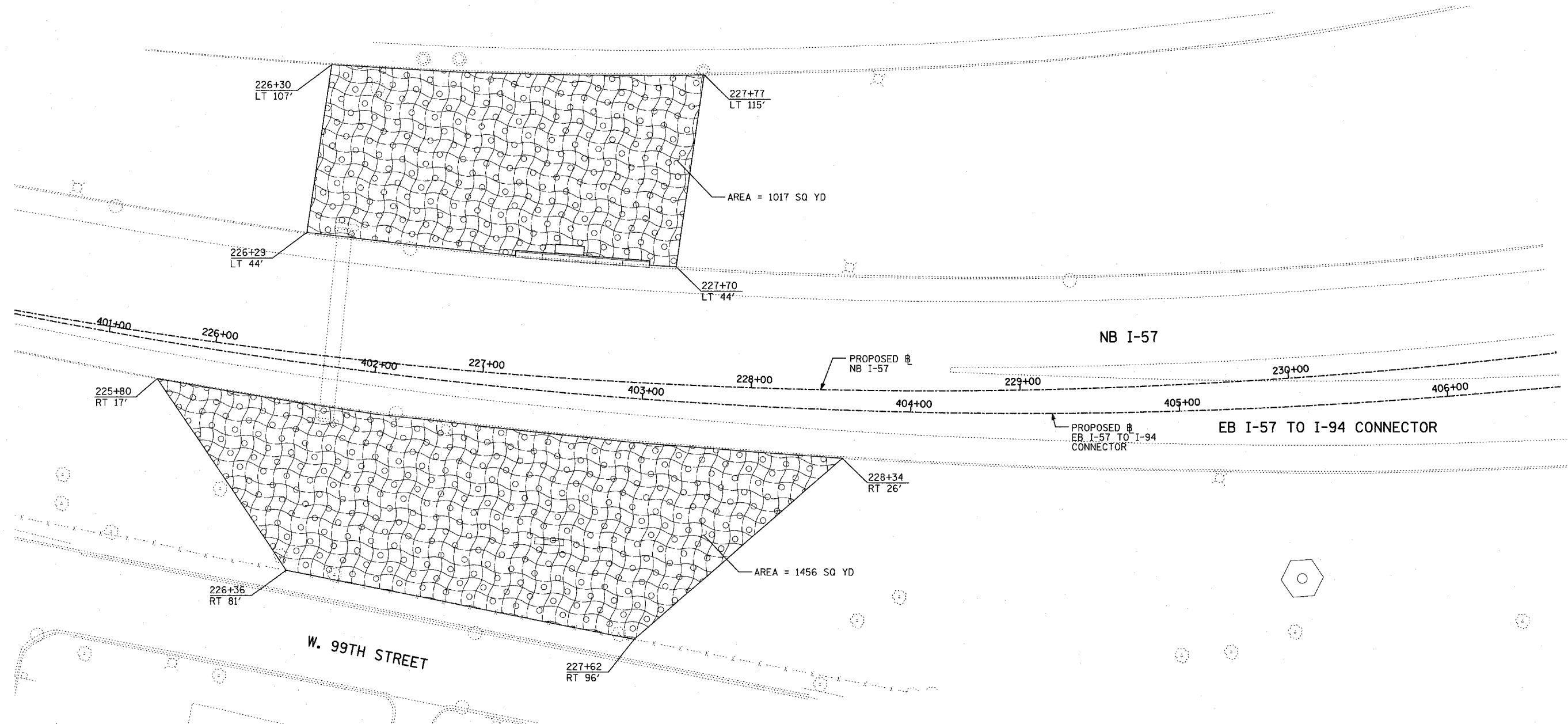
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB I-57 AT C & WI RR.
NB I-57 STA. 212+50.00 TO 218+50.00

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

TYLININTERNATIONAL




03/18/2005 04:37:48 PM

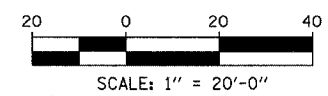
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	314
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		



LOCATION MAP

LEGEND:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE



REVISIONS	
NAME	DATE

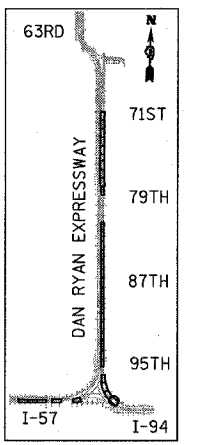
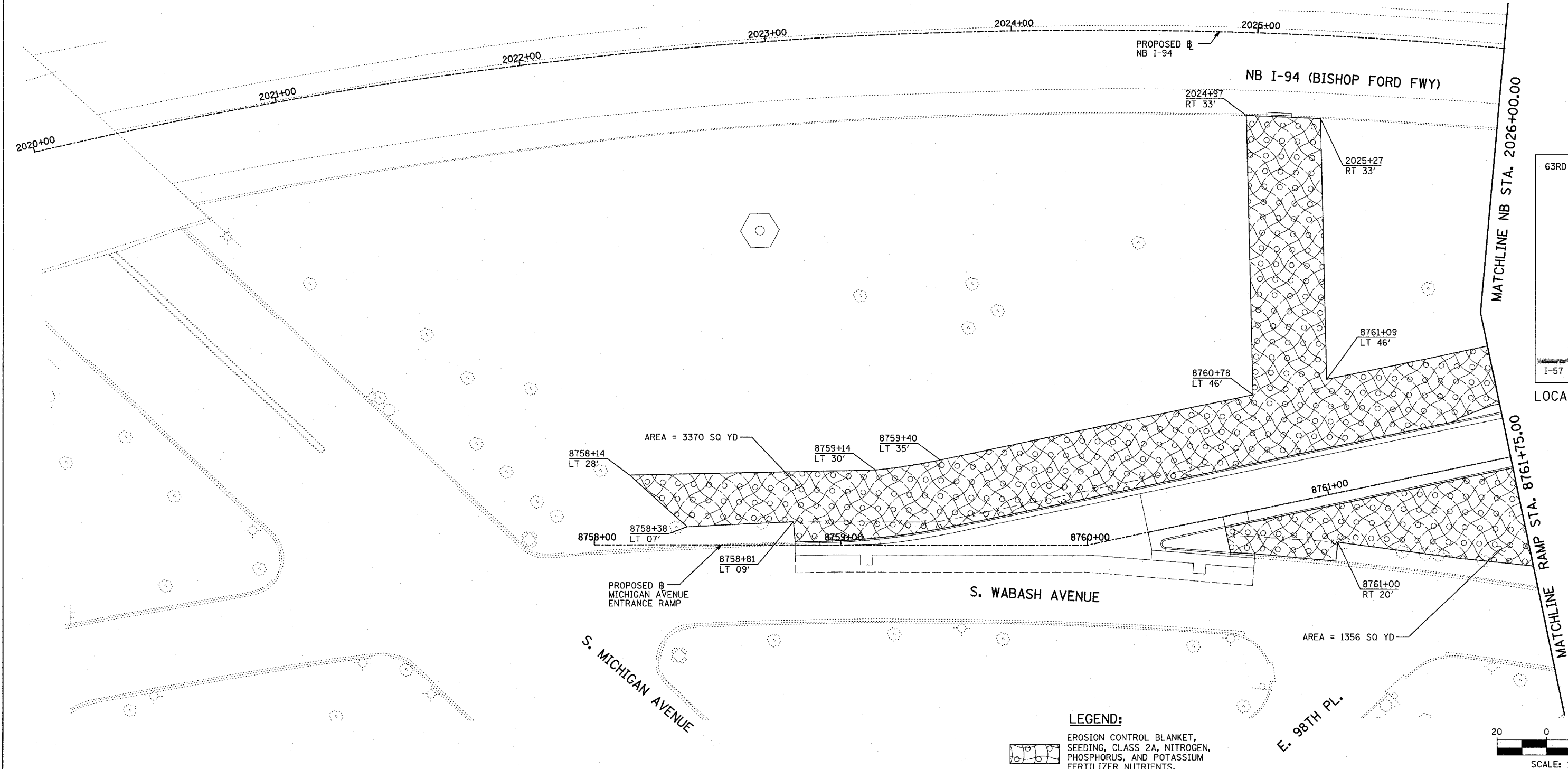
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 NB I-57 AT C & WI RR.
 NB I-57 STA. 225+31.00 TO 231+00.00

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

DRAWN BY: JJS
 CHECKED BY: MPG

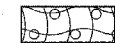

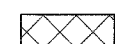
TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	315
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.L, 1717 & 1818) R-8		62694		



LOCATION MAP

LEGEND:

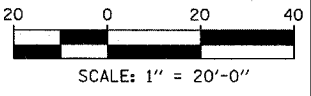
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB-I-94 (BISHOP FORD FWY)
MICHIGAN AVE. TO NB I-94 STA. 2026+00.00

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

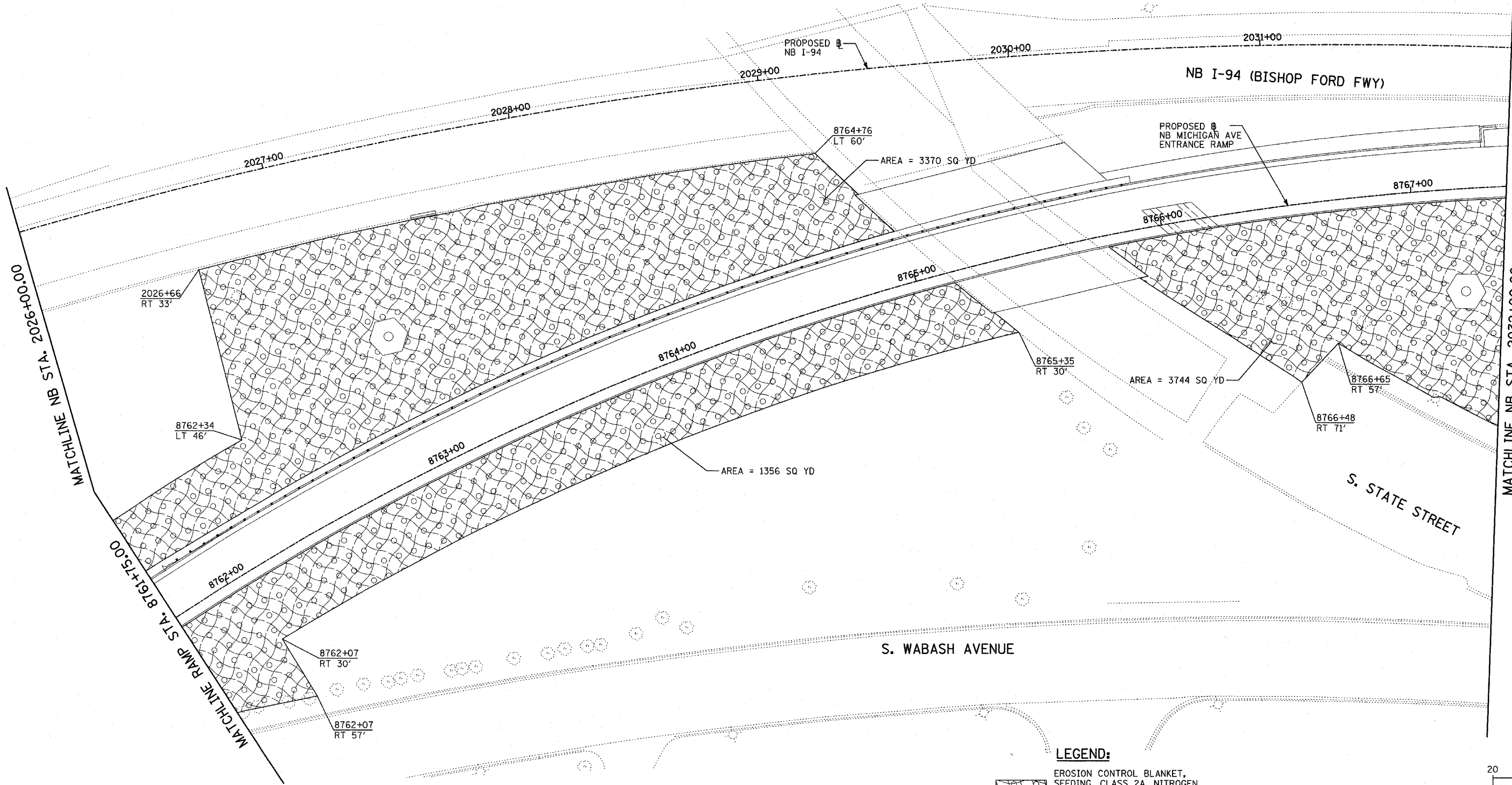
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CHECKED BY: MPG



TYLININTERNATIONAL

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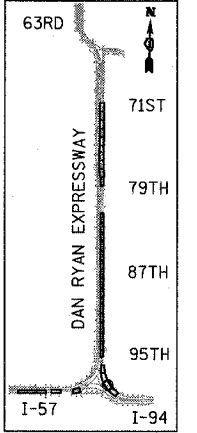
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	316
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
(1516.1, 1717 & 1818) R-8 62694				



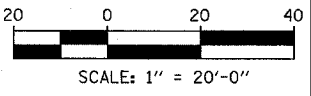
MATCHLINE NB STA. 2032+00.00

MATCHLINE NB STA. 2026+00.00

MATCHLINE RAMP STA. 8761+15.00



LOCATION MAP



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB MICHIGAN AVENUE ENTRANCE RAMP
NB I-94 STA. 2026+00.00 TO STA. 2032+00.00

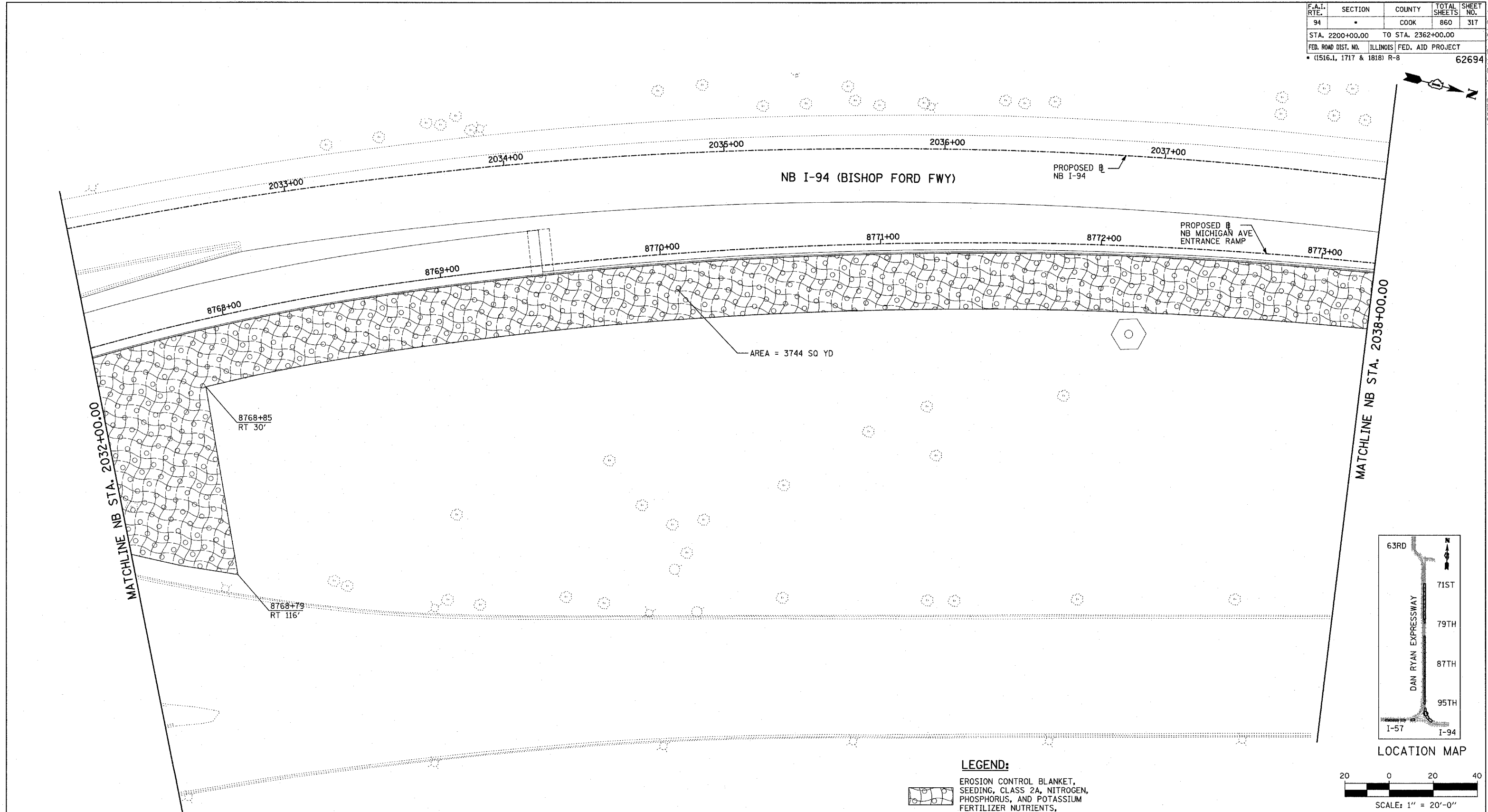
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DATE: MARCH 18, 2005

DRAWN BY: JJS
CHECKED BY: MPG

TYLIN INTERNATIONAL

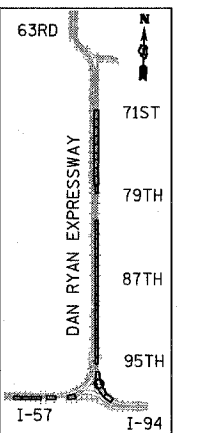
03/25/2005 01:38:02 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	317
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (1516.1, 1717 & 1818) R-8		62694		

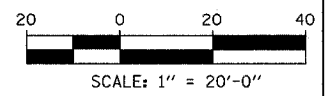


MATCHLINE NB STA. 2038+00.00

MATCHLINE NB STA. 2032+00.00



LOCATION MAP



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 NB MICHIGAN AVENUE ENTRANCE RAMP
 NB I-94 STA. 2032+00.00 TO STA. 2038+00.00

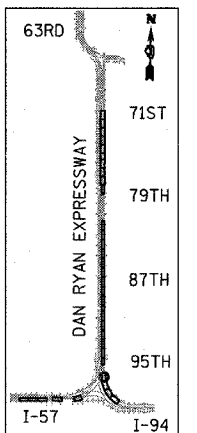
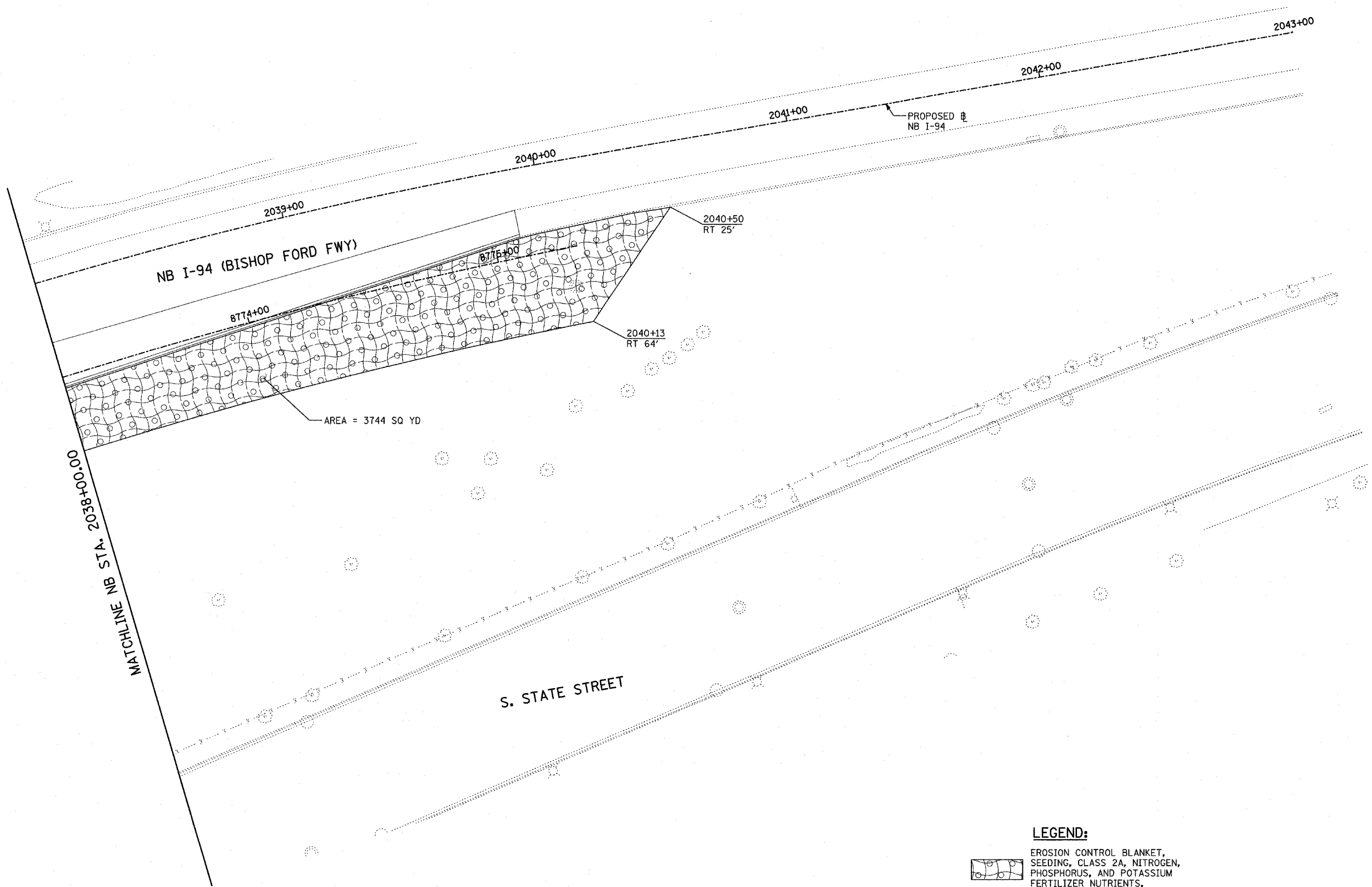
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 DATE: MARCH 18, 2005

DRAWN BY: TB
 CHECKED BY: MPG

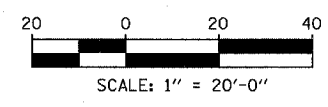
TYLIN INTERNATIONAL

03/25/2005 01:36:09 PM




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	318
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

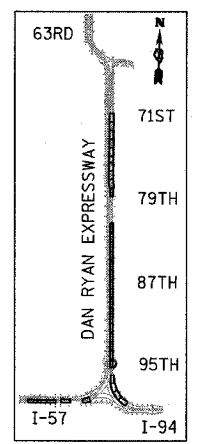
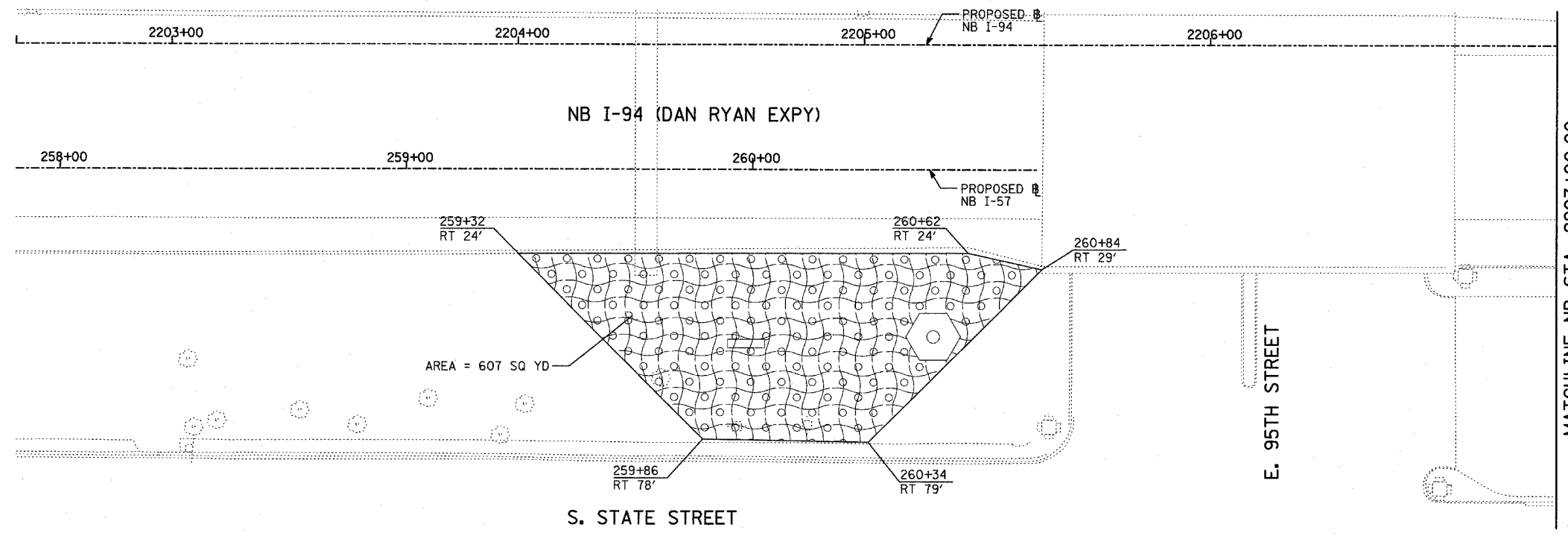
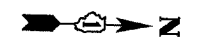
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB MICHIGAN AVENUE ENTRANCE RAMP
NB I-94 STA. 2038+00.00 TO STA. 2043+00.00

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

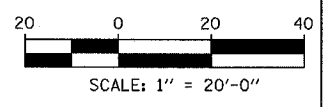
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CHECKED BY: MPG

TYLIN INTERNATIONAL

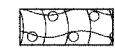


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	319
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717 & 1818) R-8				62694



LOCATION MAP



LEGEND:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB I-94 (DAN RYAN EXPWY)
 NB I-94 STA. 2202+55.00 TO STA. 2207+00.00

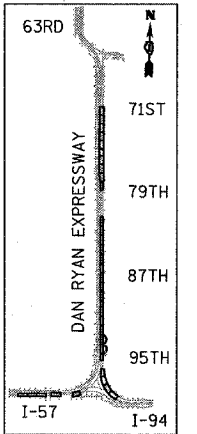
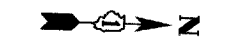
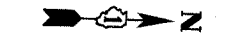
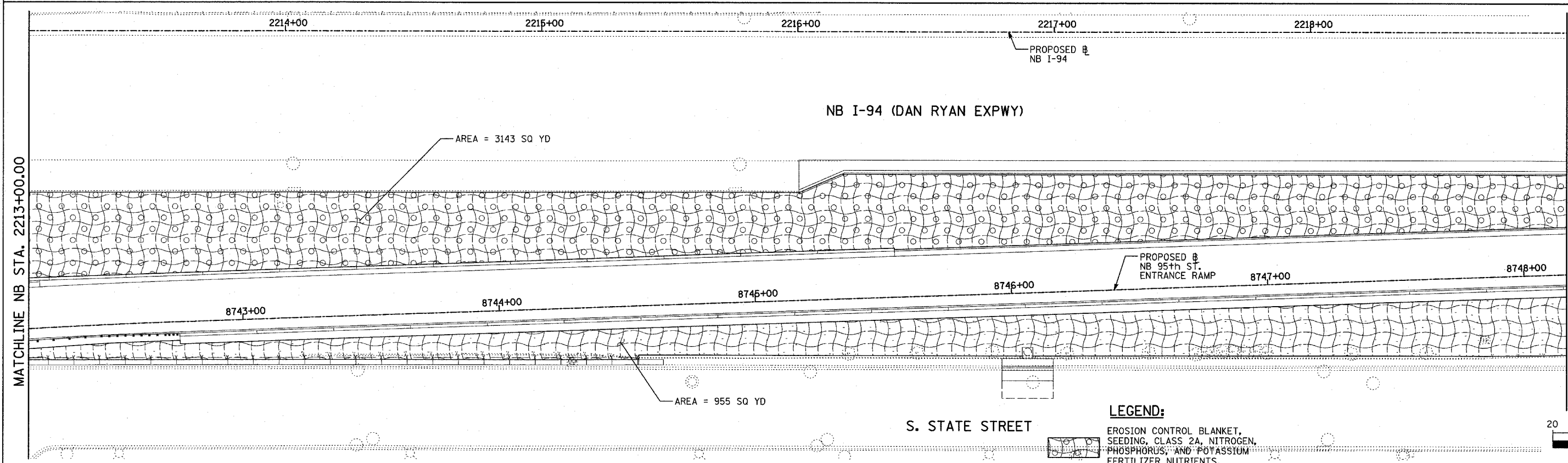
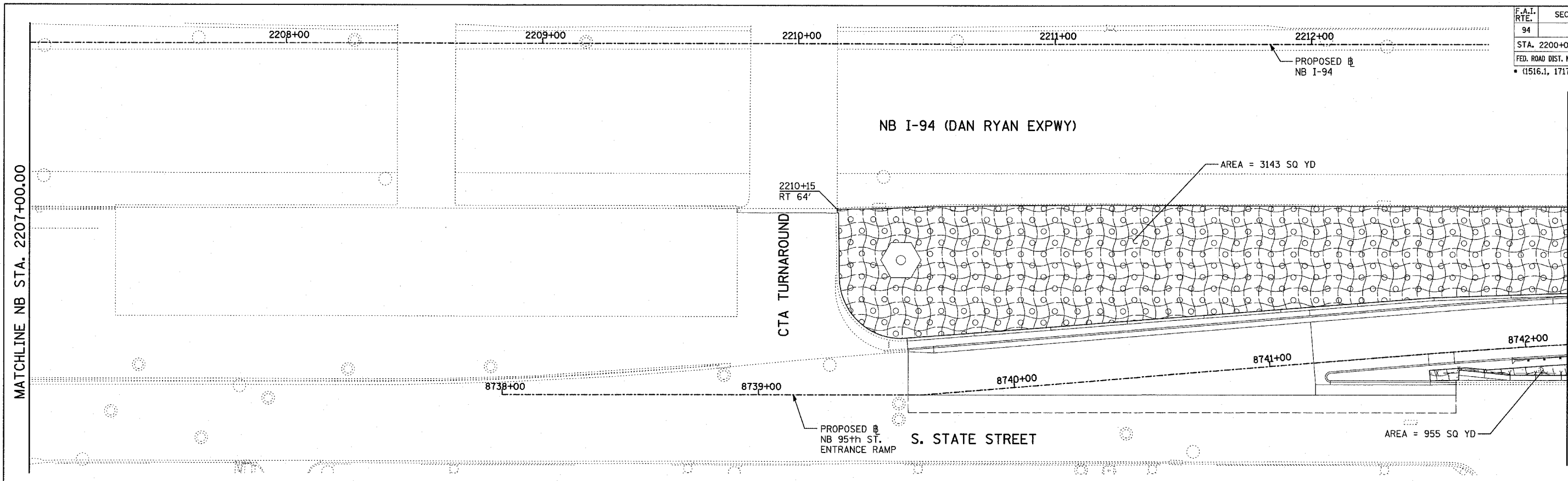
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 DATE: MARCH 18, 2005

DRAWN BY: JJS
 CHECKED BY: MPG

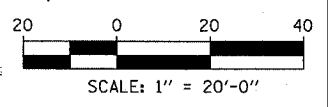
TYLIN INTERNATIONAL

03/25/2005 01:38:22 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	320
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:**
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
 - EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
 - TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB 95th STREET ENTRANCE RAMP
NB I-94 STA. 2207+00.00 TO 2219+00.00

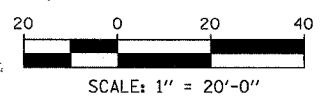
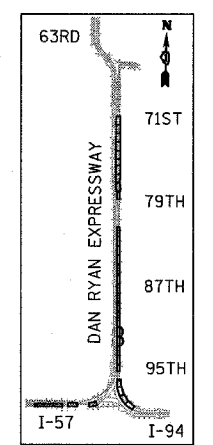
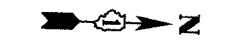
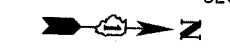
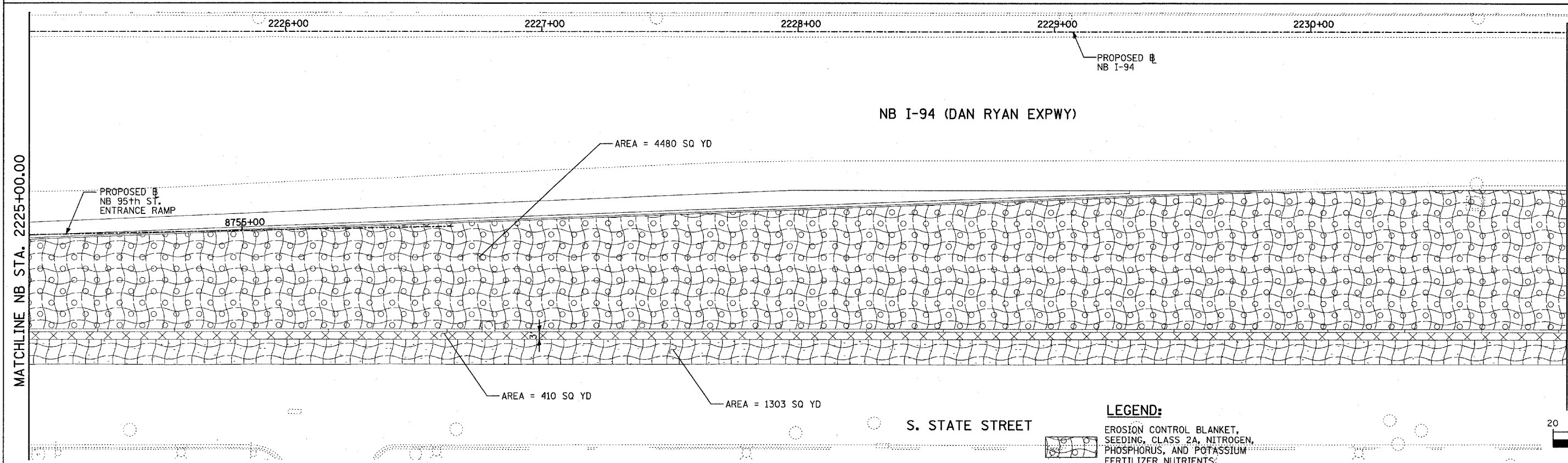
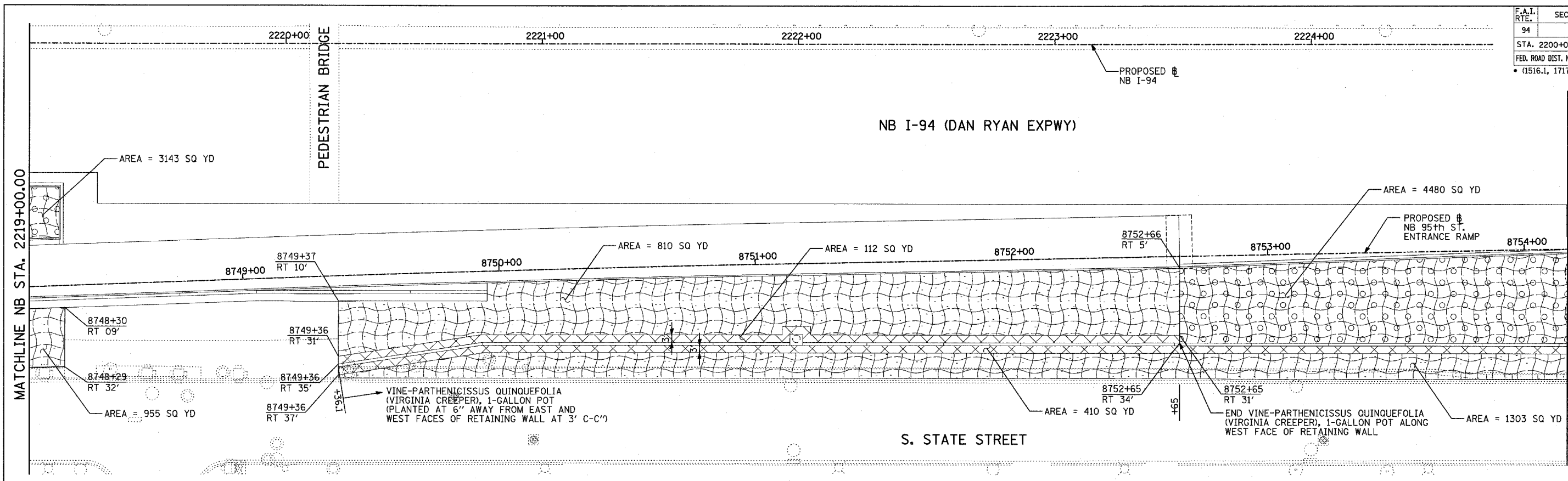
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DATE: MARCH 18, 2005

DRAWN BY: TB
CHECKED BY: MPG

TYLIN INTERNATIONAL

03/25/2005 01:36:34 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	321
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:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 95th STREET ENTRANCE RAMP
 NB I-94 STA. 2219+00.00 TO 2231+00.00

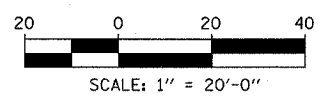
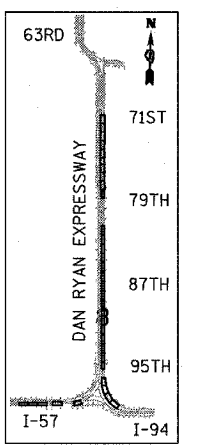
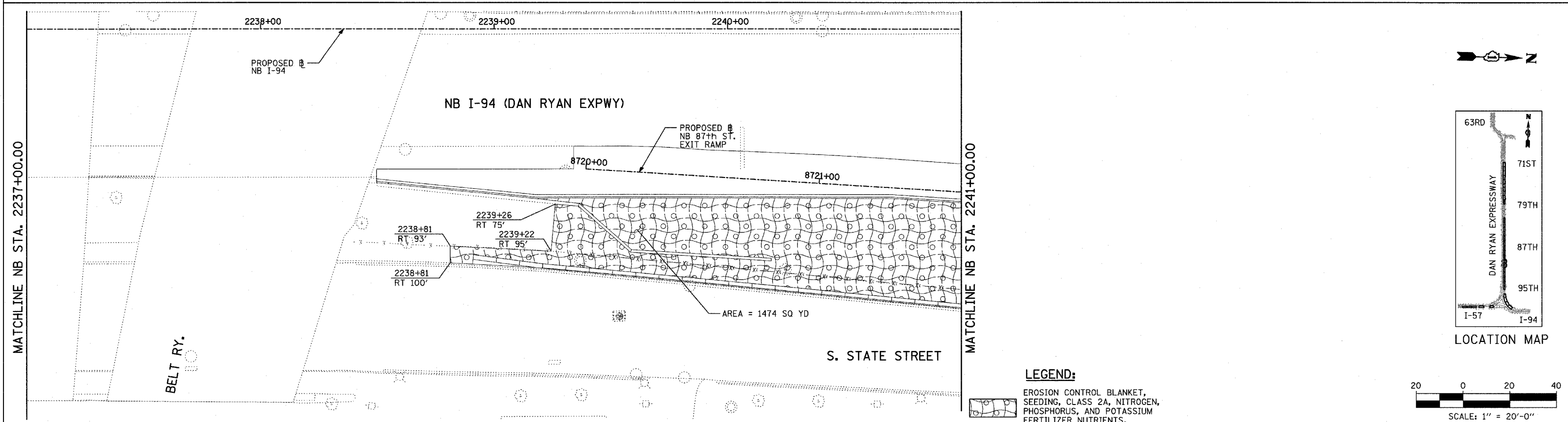
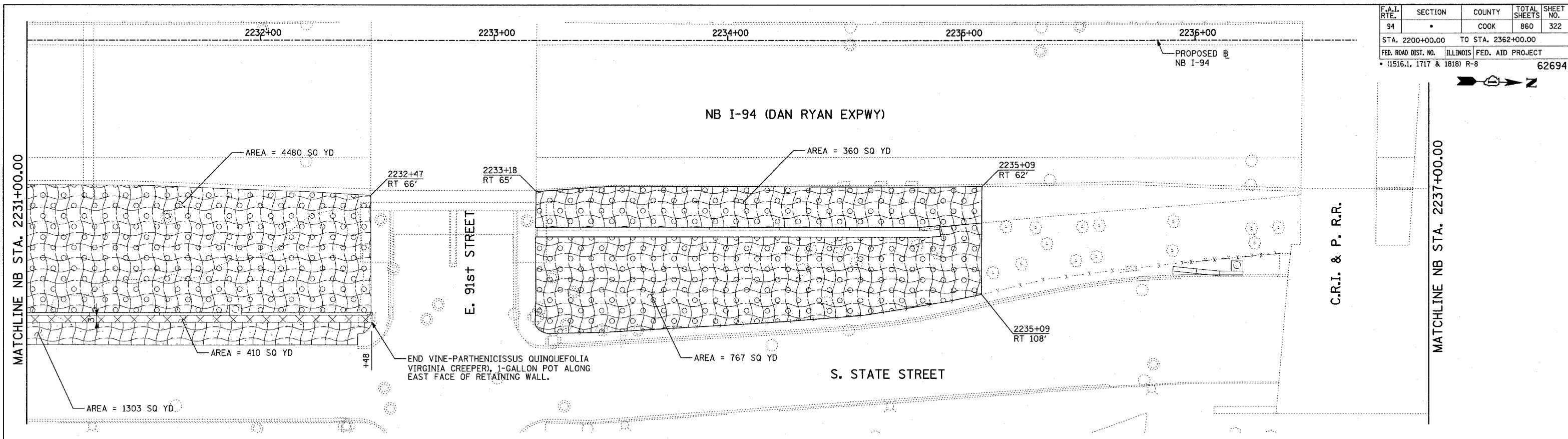
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


DRAWN BY: JJS
 CHECKED BY: MPG

TYLININTERNATIONAL

03/25/2005 01:38:42 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	322
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:**
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
 -  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
 -  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

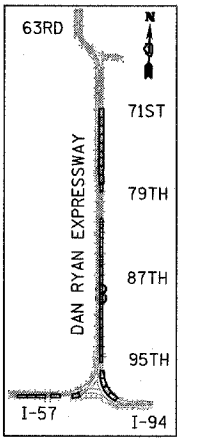
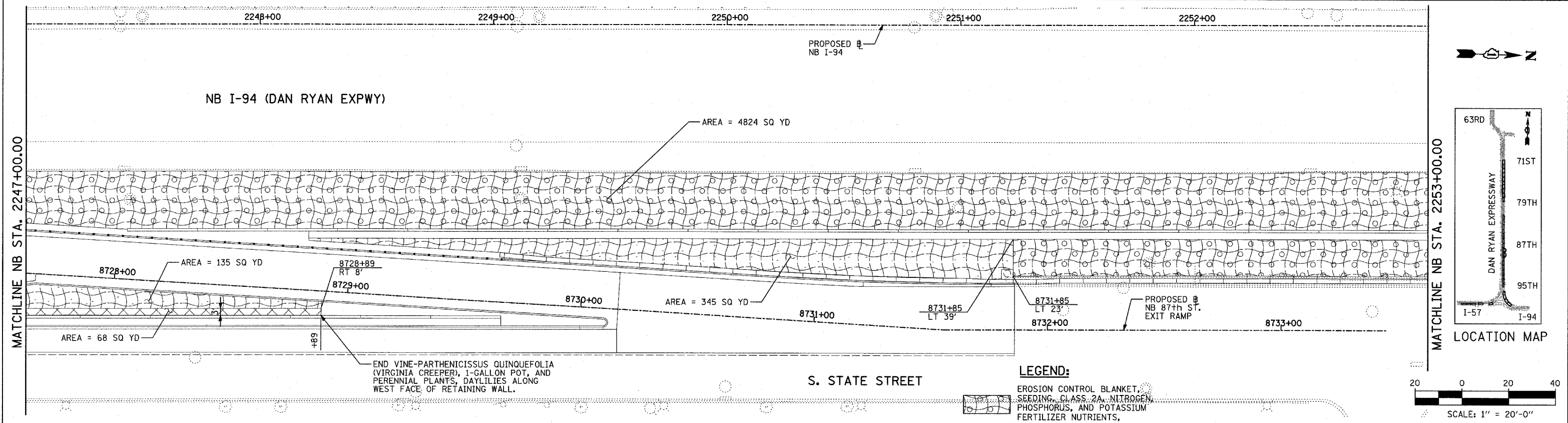
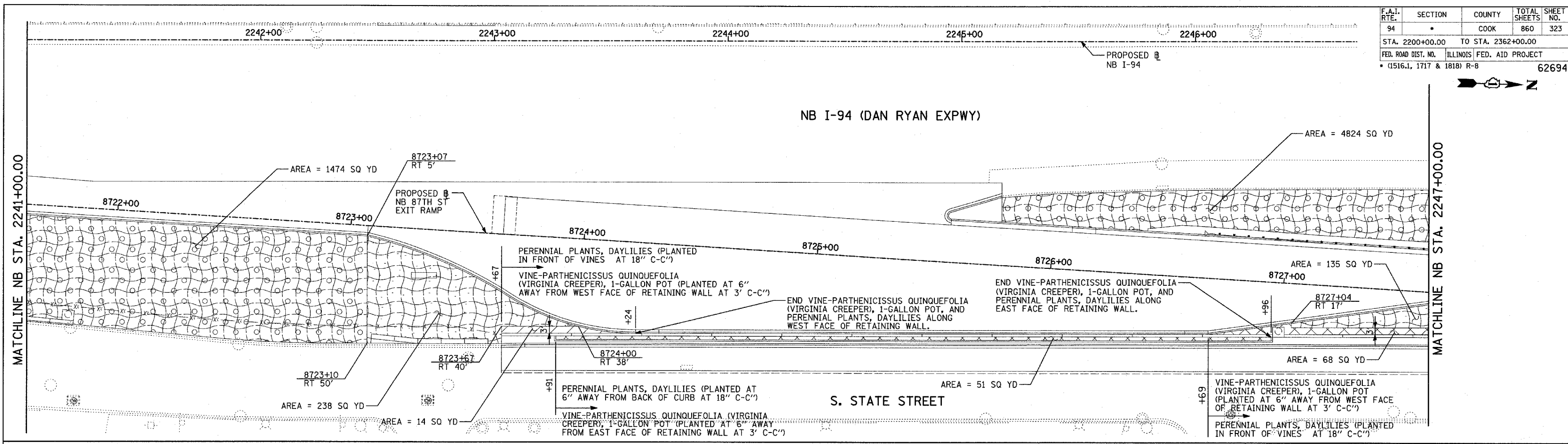
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB I-94 (DAN RYAN EXPWY)
NB I-94 STA. 2231+00.00 TO 2241+00.00

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




DRAWN BY: JJS
CHECKED BY: MPG

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	323
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

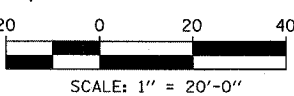
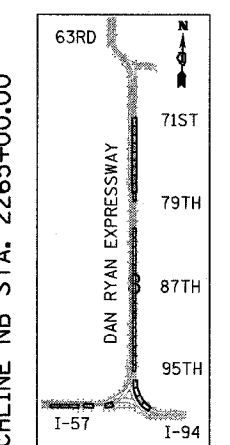
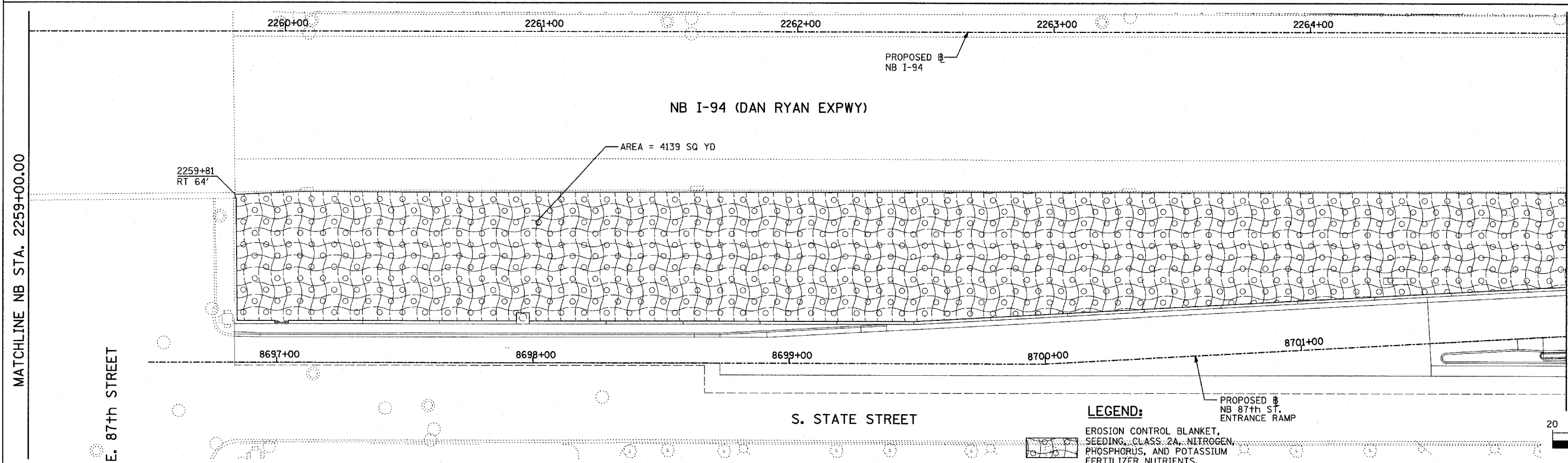
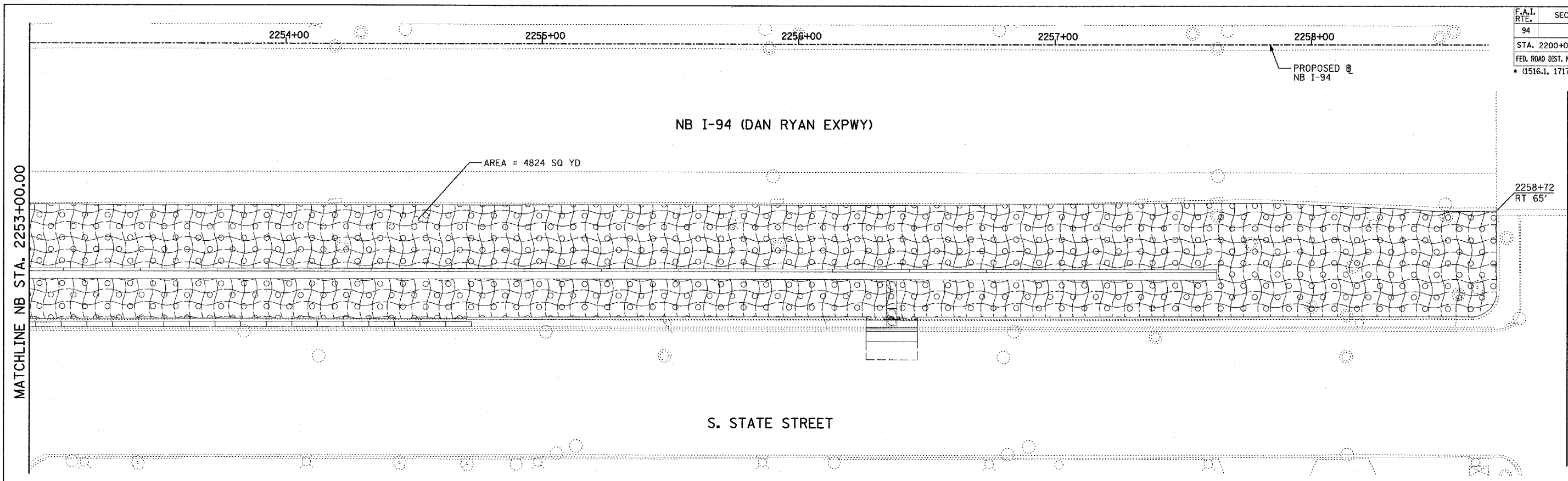
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 87th STREET EXIT RAMP
 NB I-94 STA. 2241+00.00 TO 2253+00.00

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




DRAWN BY: JJS
 CHECKED BY: MPG

TYLININTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	324
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB 87th STREET ENTRANCE RAMP
NB I-94 STA. 2253+00.00 TO 2265+00.00

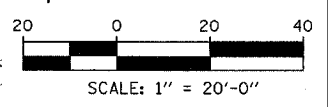
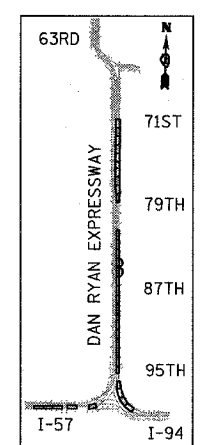
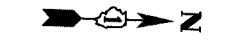
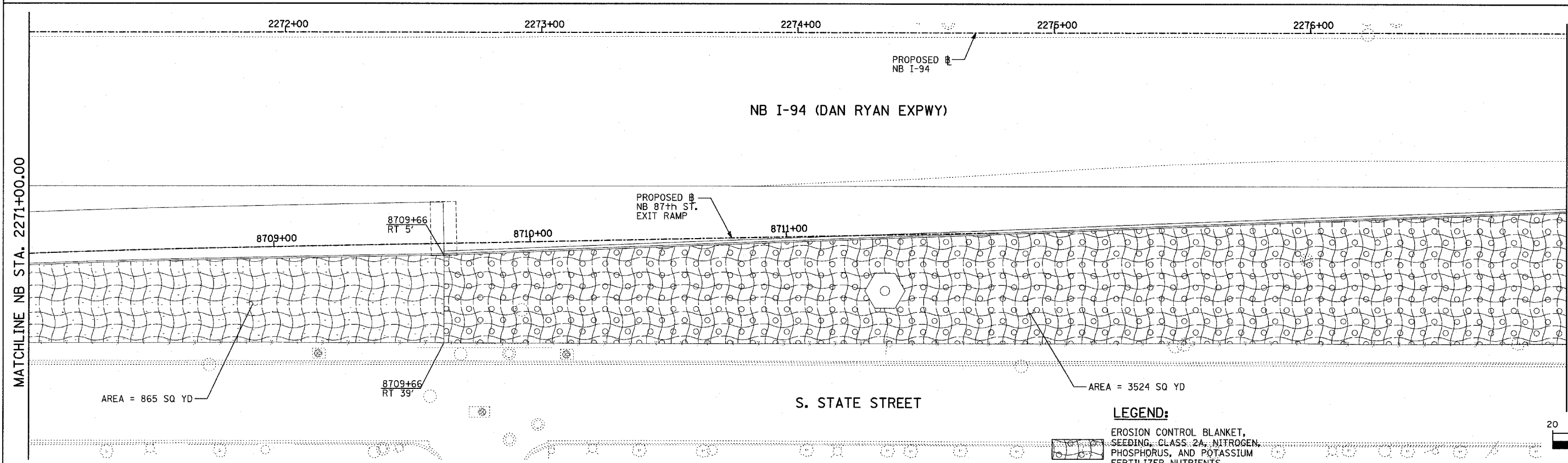
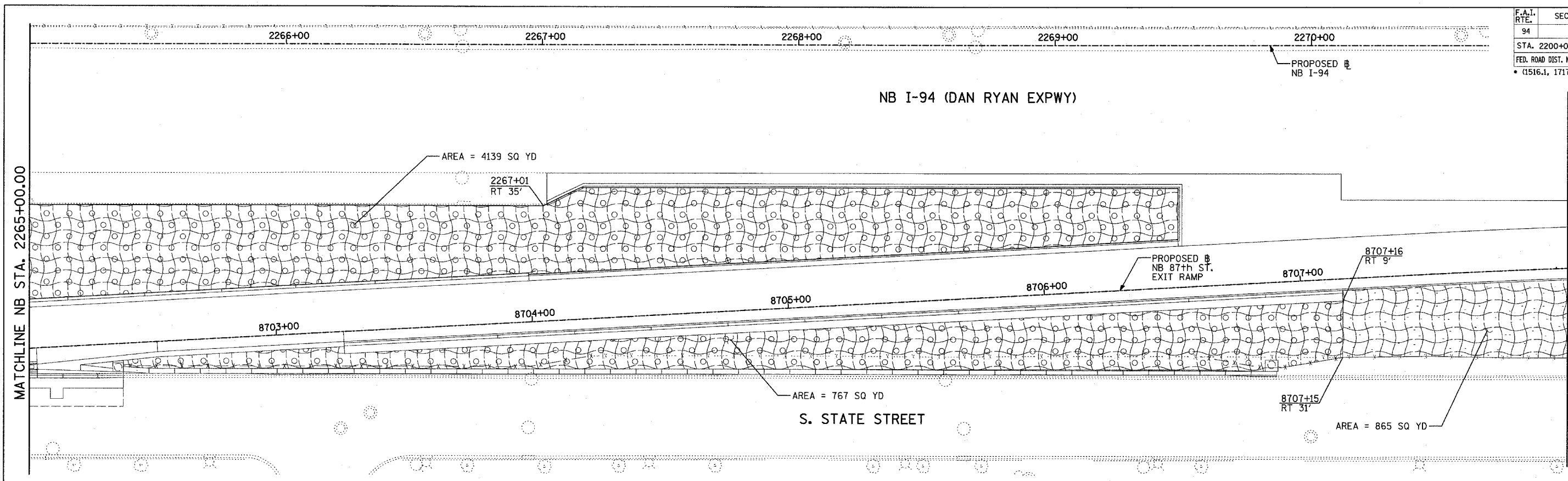
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DATE: MARCH 18, 2005

DRAWN BY: JJS
CHECKED BY: MPG

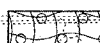
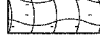
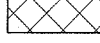
TYLIN INTERNATIONAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	325
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 87th STREET ENTRANCE RAMP
 NB I-94 STA. 2265+00.00 TO 2277+00.00

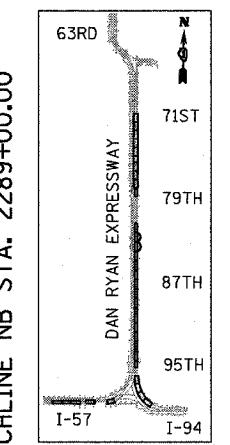
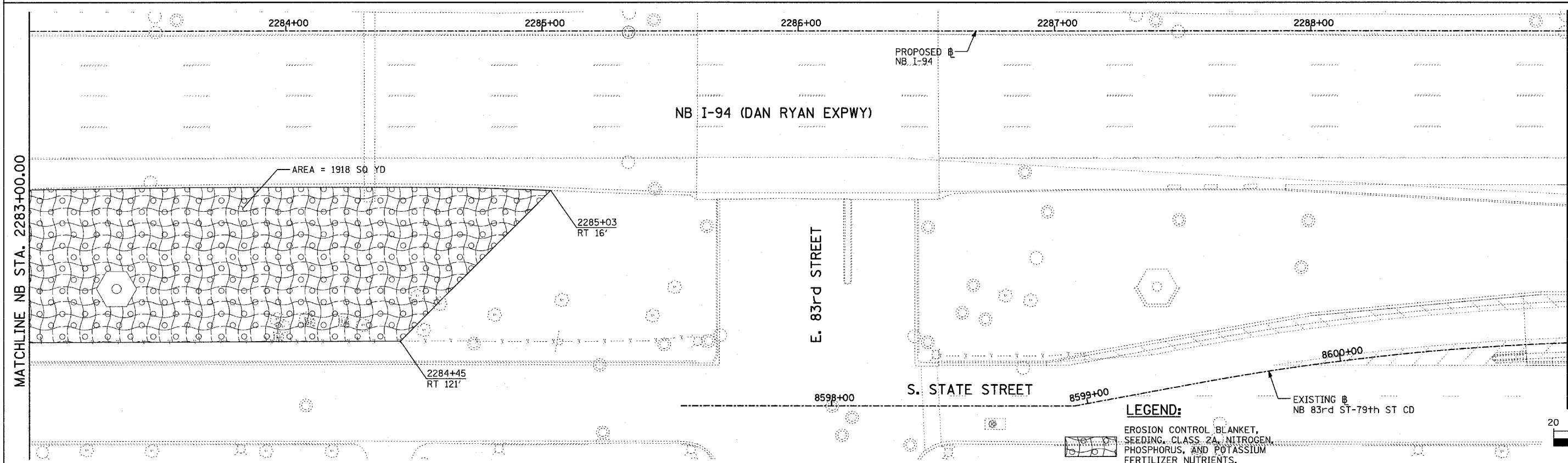
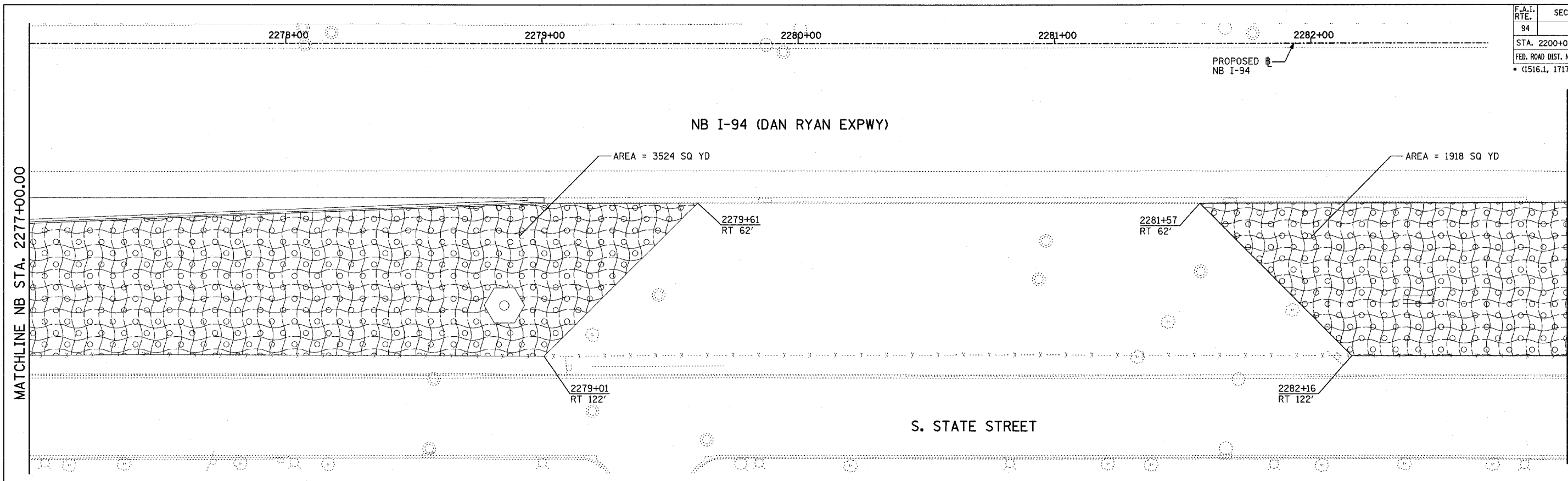
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 DATE: MARCH 18, 2005

DRAWN BY: JJS
 CHECKED BY: MPG




TYLIN INTERNATIONAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	326
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

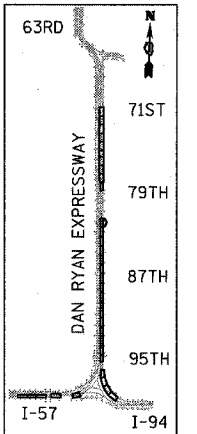
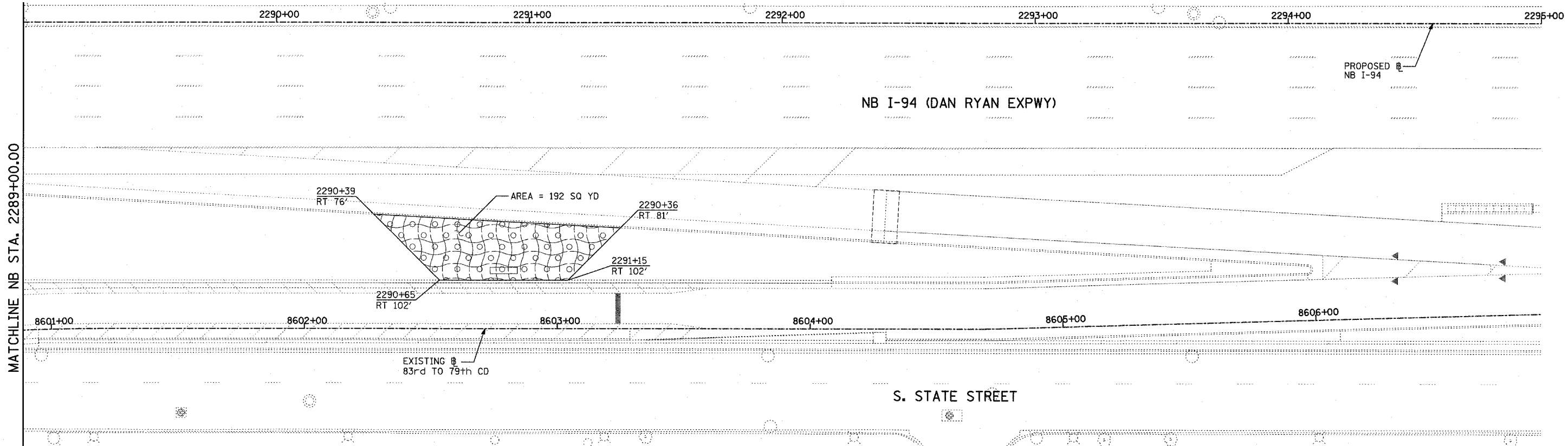
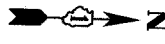
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 87th STREET ENTRANCE RAMP
 NB I-94 STA. 2277+00.00 TO 2289+00.00

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

DRAWN BY: JJS
 CHECKED BY: MPG




TYLIN INTERNATIONAL

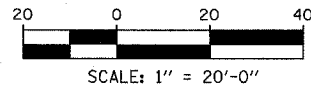
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	327
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8 62694				



LOCATION MAP

LEGEND:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE



REVISIONS	
NAME	DATE

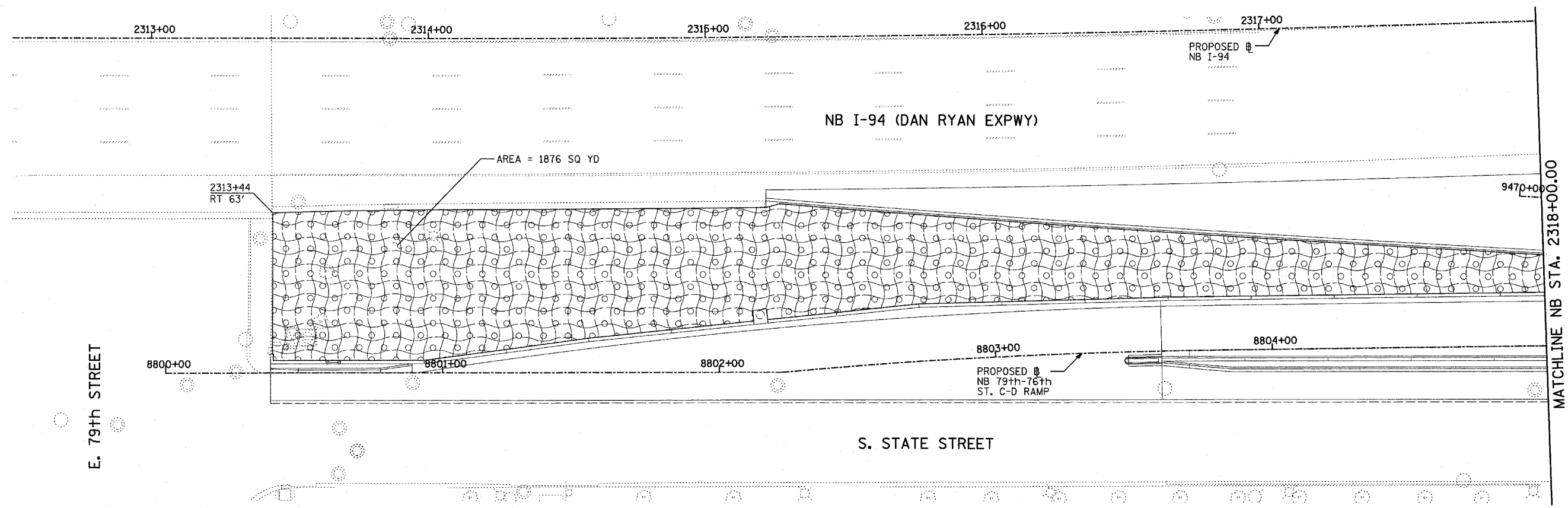
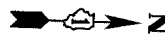
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB 83rd to 79th STREET C-D RAMP
NB I-94 STA. 2289+00.00 TO 2295+00.00

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

TYLININTERNATIONAL

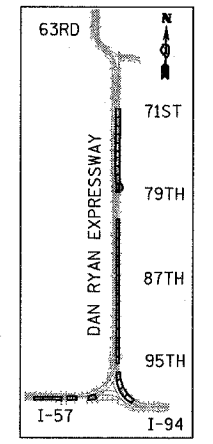
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	328
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		

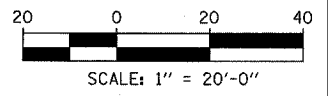


MATCHLINE NB STA. 2318+00.00

E. 79th STREET



LOCATION MAP



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

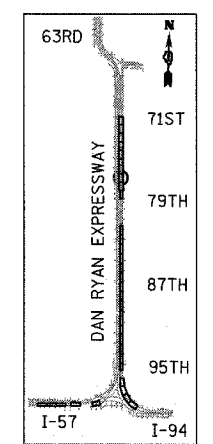
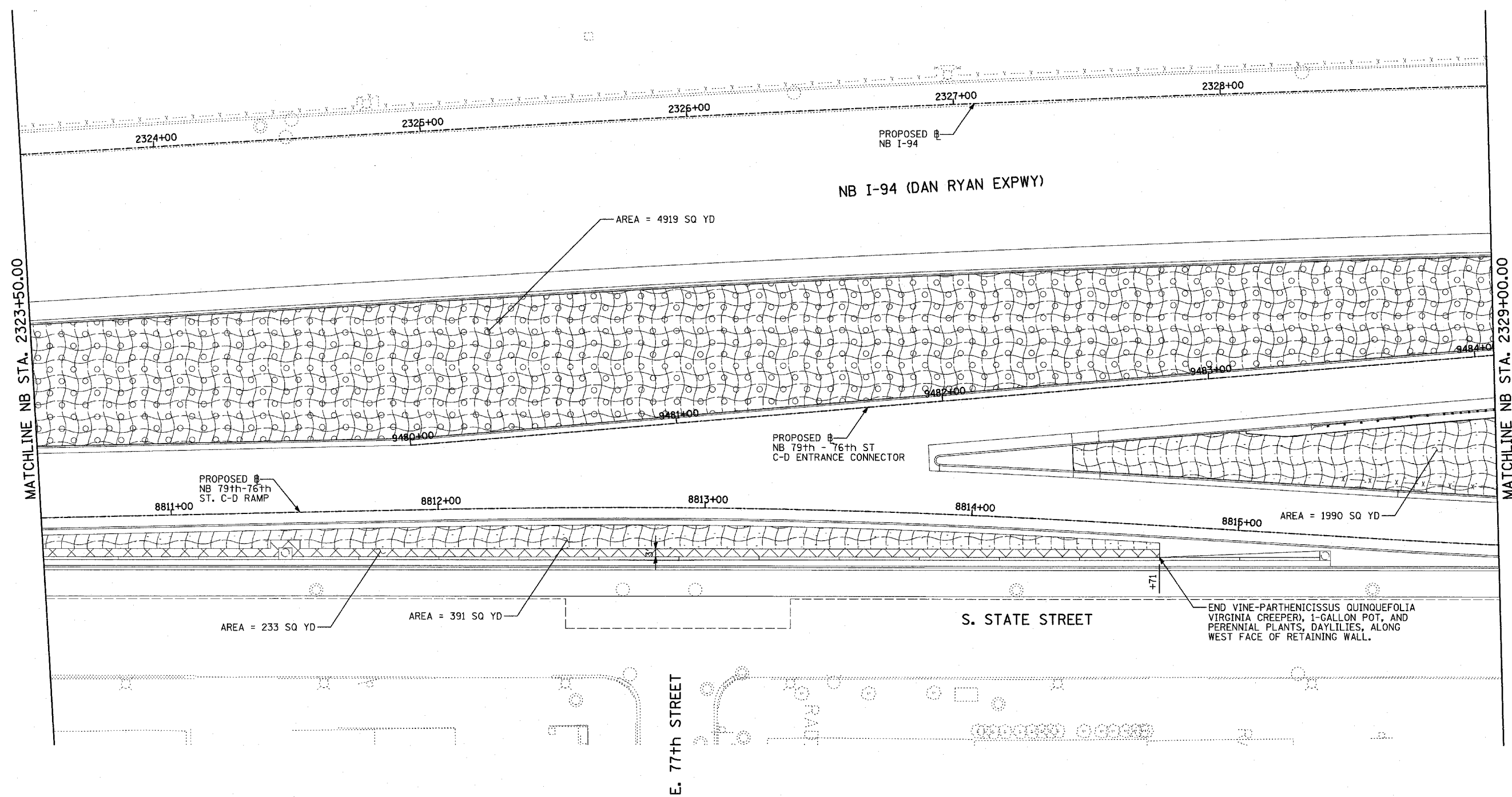
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB 83rd to 79th STREET C-D RAMP
NB I-94 STA. 2312+50.00 TO 2318+00.00

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

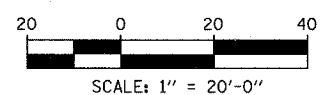
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


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	330
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

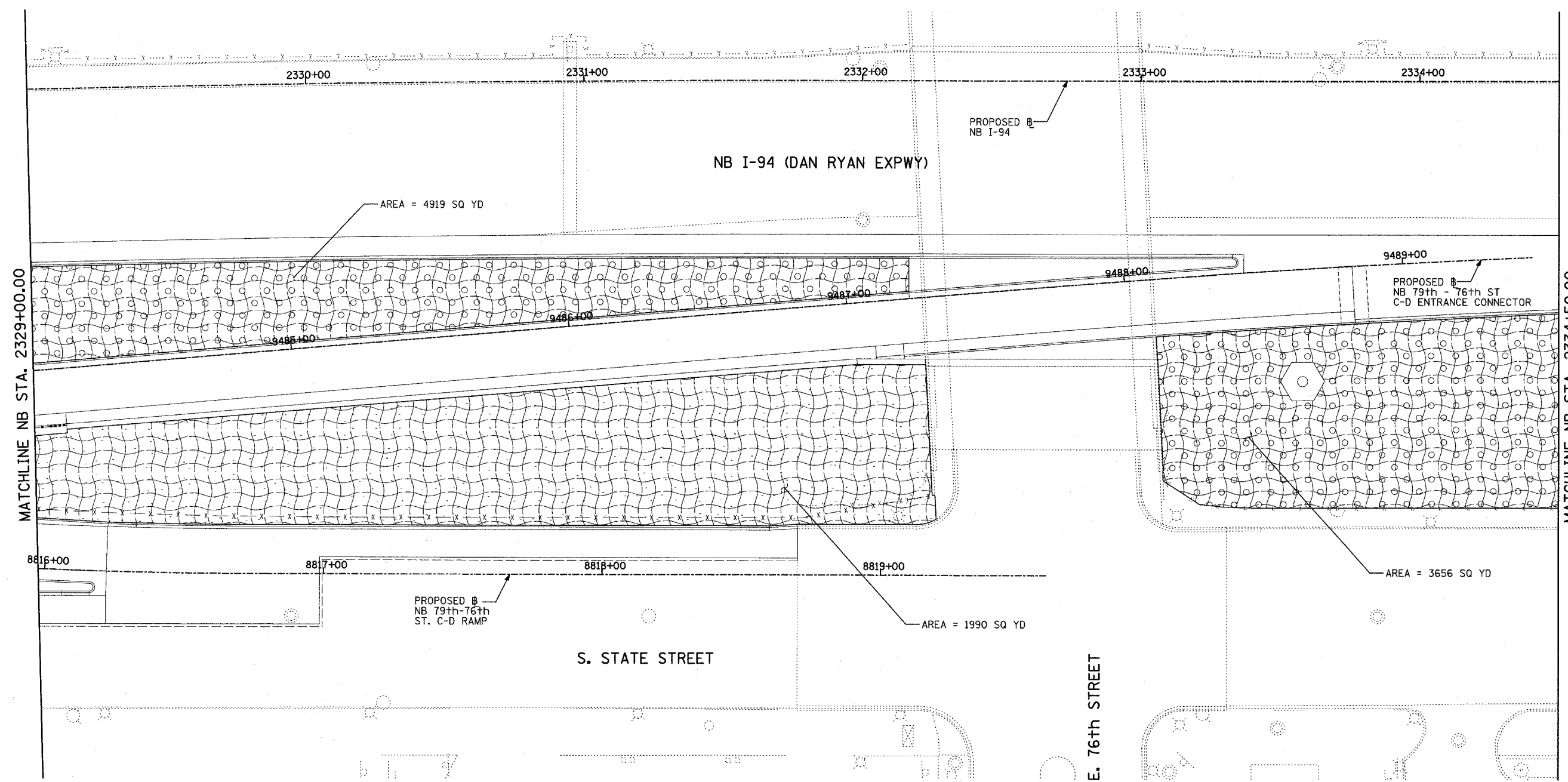
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 NB 79th TO 76th STREET C-D RAMP
 NB I-94 STA. 2323+50.00 TO 2329+00.00

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

DRAWN BY: JJS
 CHECKED BY: MPG

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	331
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717 & 1818) R-8				
				62694

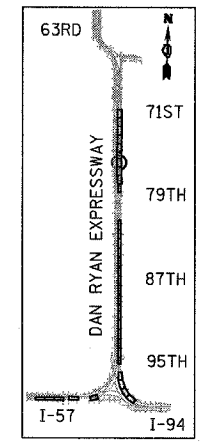


AREA = 4919 SQ YD

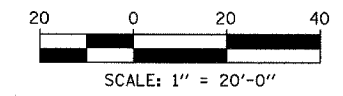
9489+00
 PROPOSED NB 79th - 76th ST
 C-D ENTRANCE CONNECTOR

AREA = 3656 SQ YD

AREA = 1990 SQ YD



LOCATION MAP



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

RESTORATION OF THE AREA SURROUNDING THE PROPOSED 76TH STREET BRIDGE TO BE COORDINATED WITH THE CONTRACT 62695 CONTRACTOR FOR OVERLAPPING AREAS IN ACCORDANCE WITH "COORDINATION WITH ADJACENT AND/OR OVERLAPPING CONTRACTS" SPECIAL PROVISION.

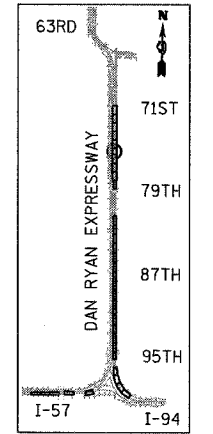
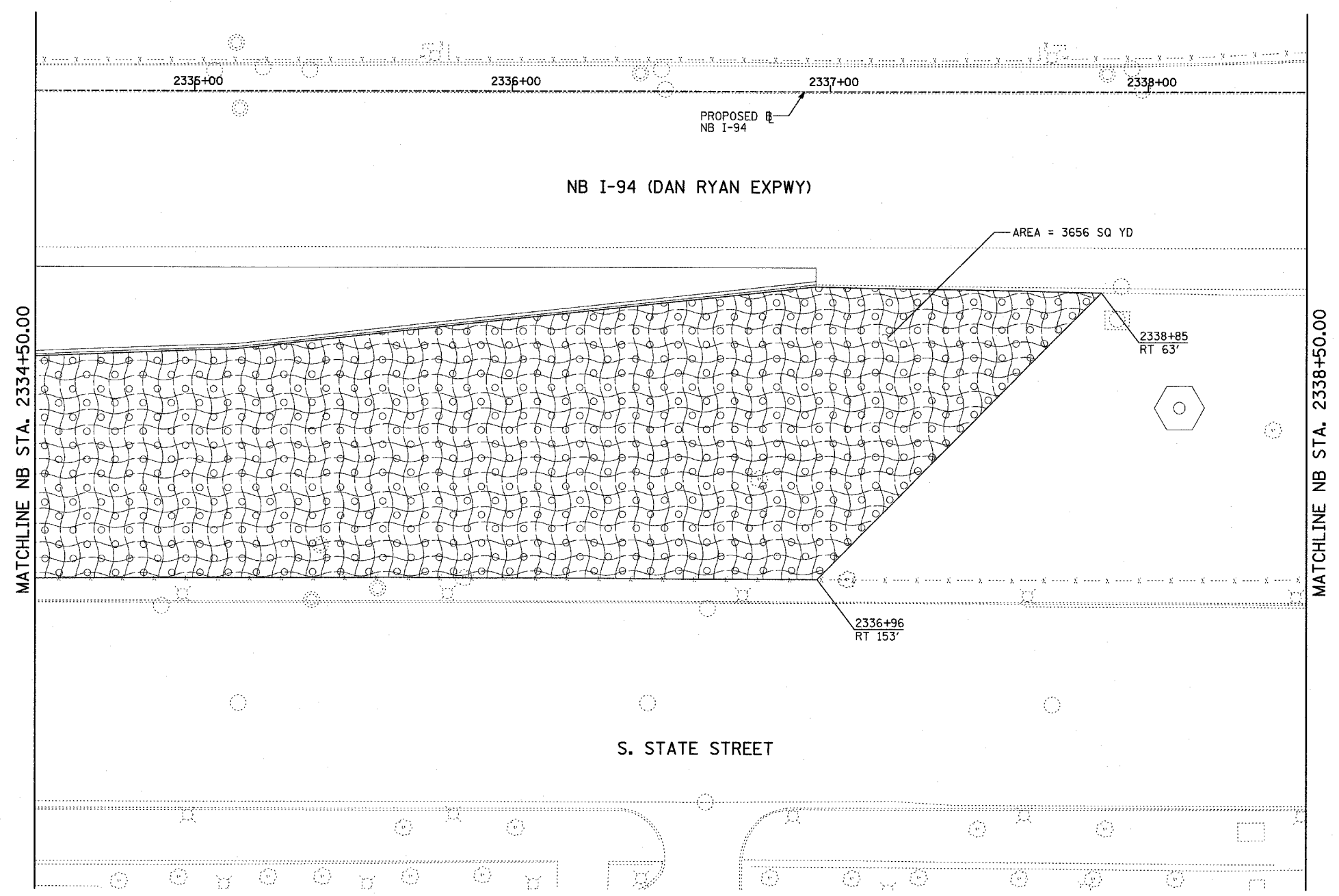
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 79th TO 76th STREET C-D RAMP
 NB I-94 STA. 2329+00.00 TO 2334+50.00
 SCALE: 1"=20'
 DATE: MARCH 18, 2005
 DRAWN BY: JJS
 CHECKED BY: MPG

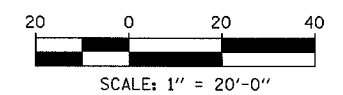
TYLIN INTERNATIONAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	.	COOK	860	332
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
NB 79th TO 76th STREET C-D RAMP
NB I-94 STA. 2334+50.00 TO 2338+50.00

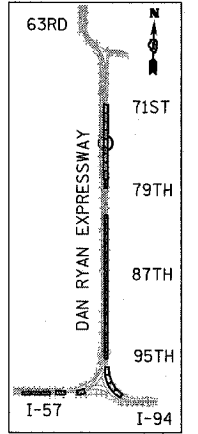
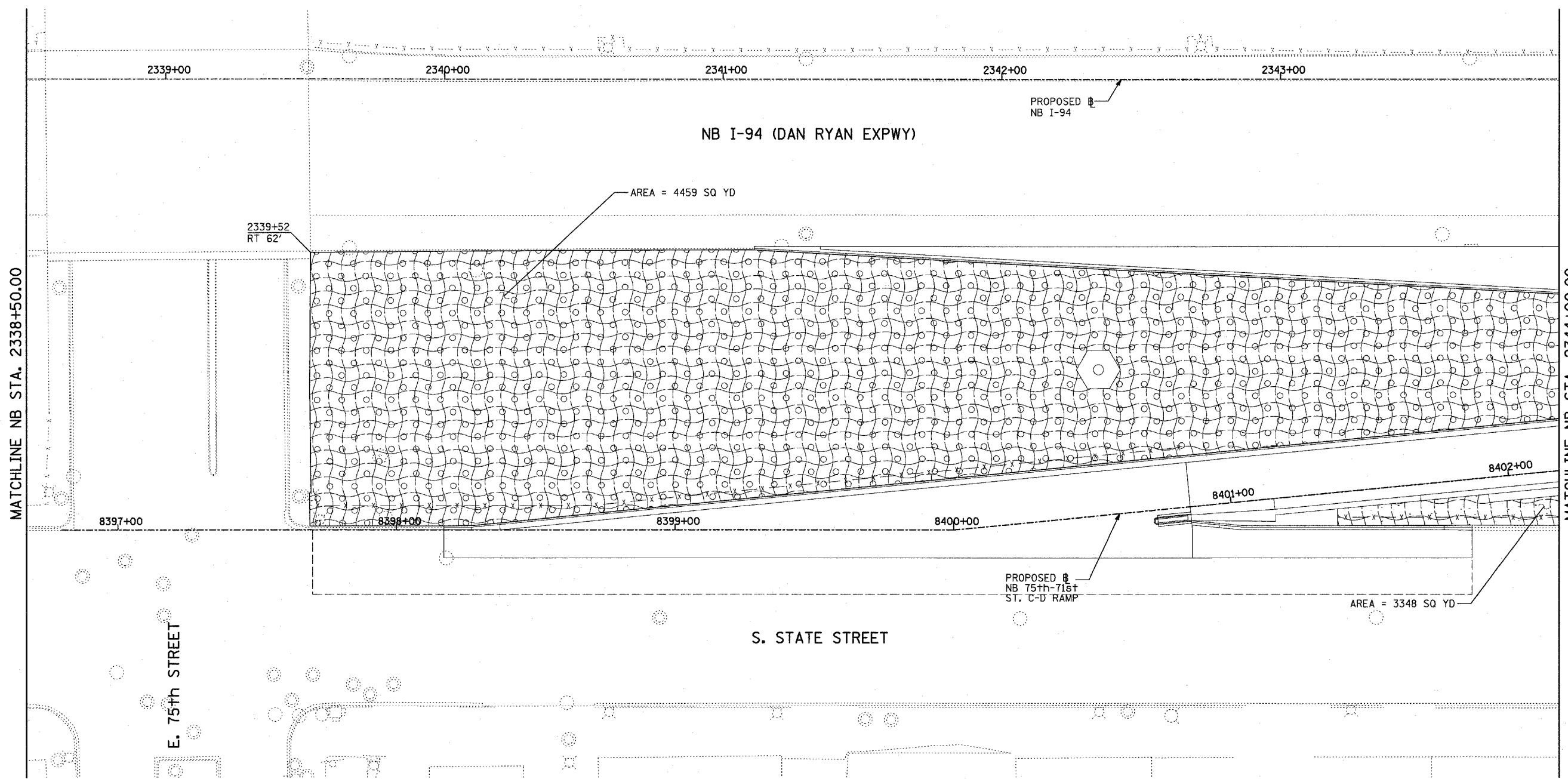
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DATE: MARCH 18, 2005

DRAWN BY: JJS
CHECKED BY: MPG

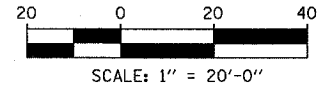
TYLIN INTERNATIONAL

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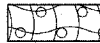


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	333
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8			62694	



LOCATION MAP



LEGEND:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

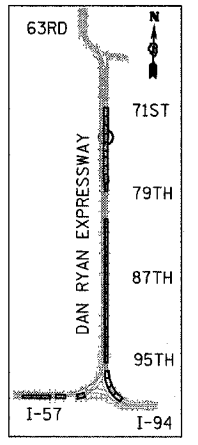
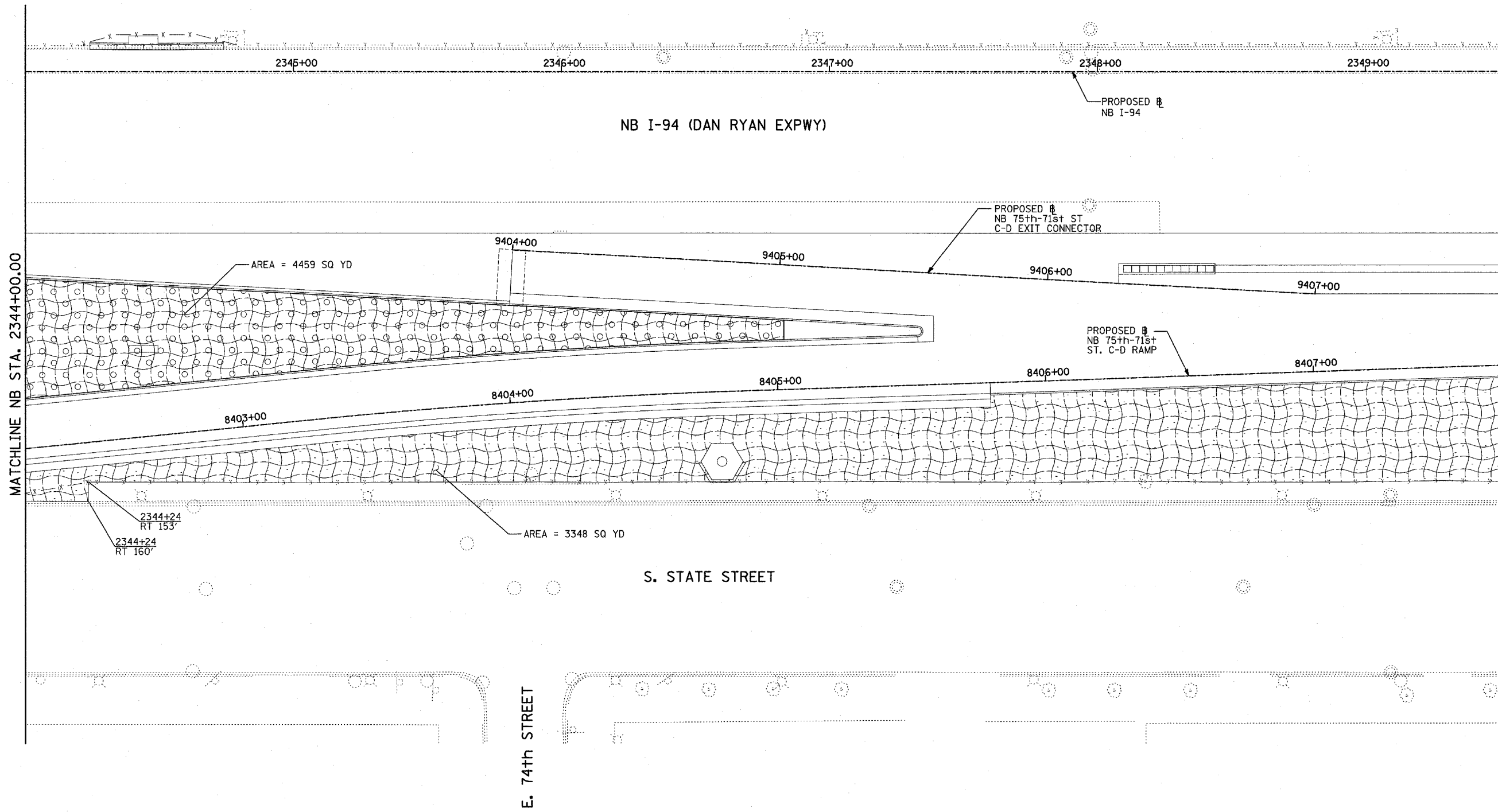
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 75th TO 71st STREET C-D RAMP
 NB I-94 STA. 2338+50.00 TO 2344+00.00

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

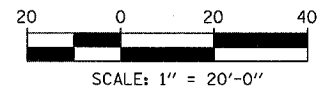
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 CHECKED BY: MPG

TYLIN INTERNATIONAL




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	334
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:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 NB 75th TO 71st STREET C-D RAMP
 NB I-94 STA. 2344+00.00 TO 2349+50.00

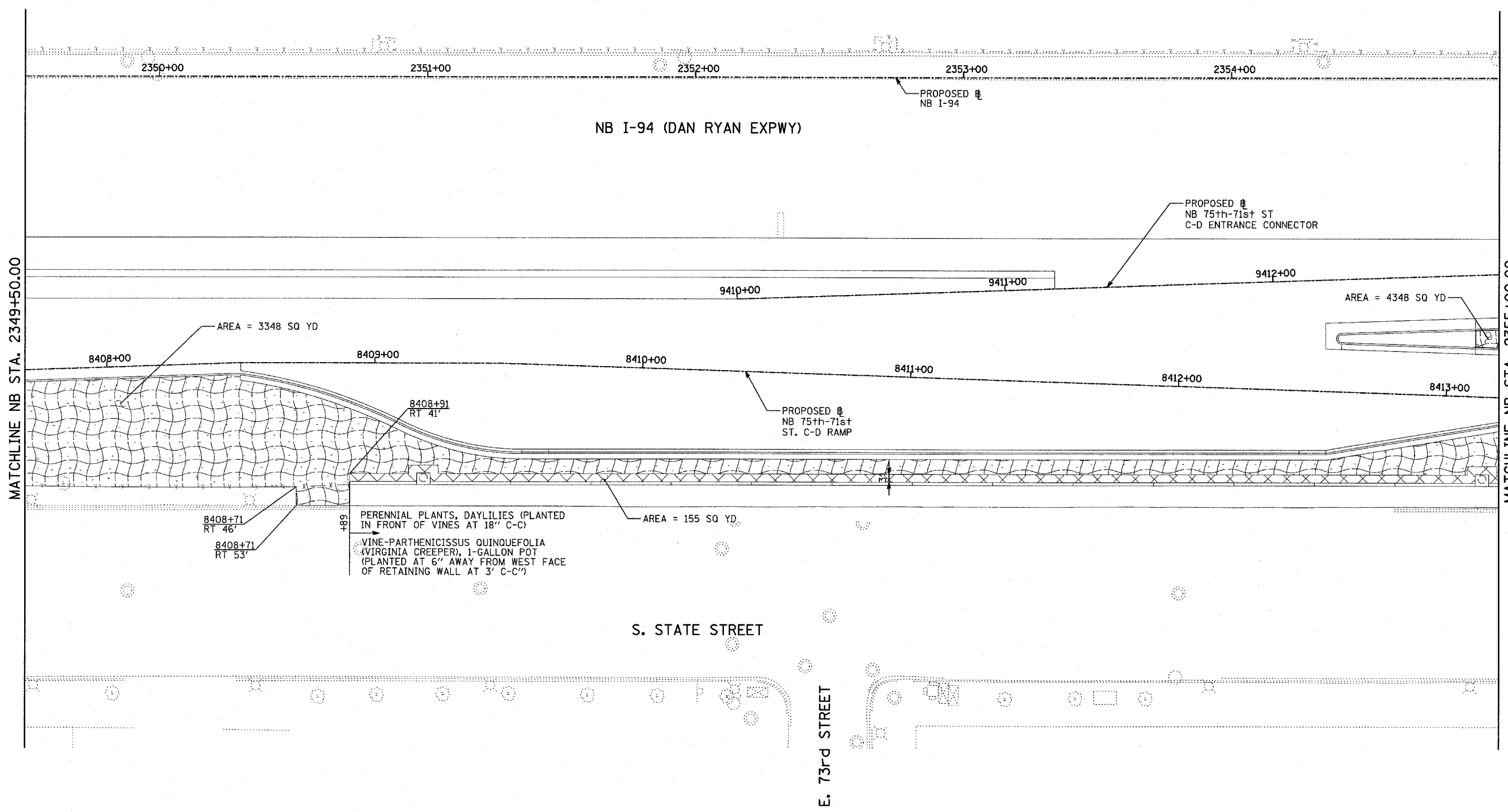
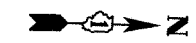
SCALE: 1"=20'
 DATE: MARCH 18, 2005

DRAWN BY: JJS
 CHECKED BY: MPG

TYLIN INTERNATIONAL

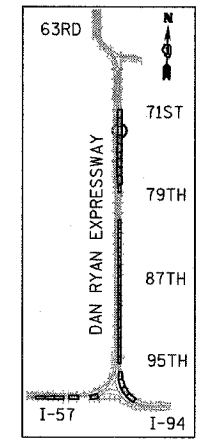
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94		COOK	860	335
STA. 2200+00.00 TO STA. 2362+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-8				

62694

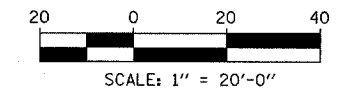


MATCHLINE NB STA. 2355+00.00

MATCHLINE NB STA. 2349+50.00



LOCATION MAP



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
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- TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

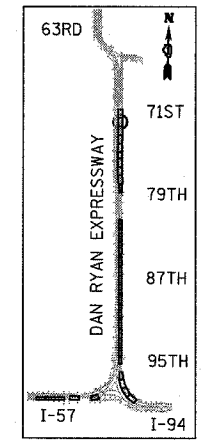
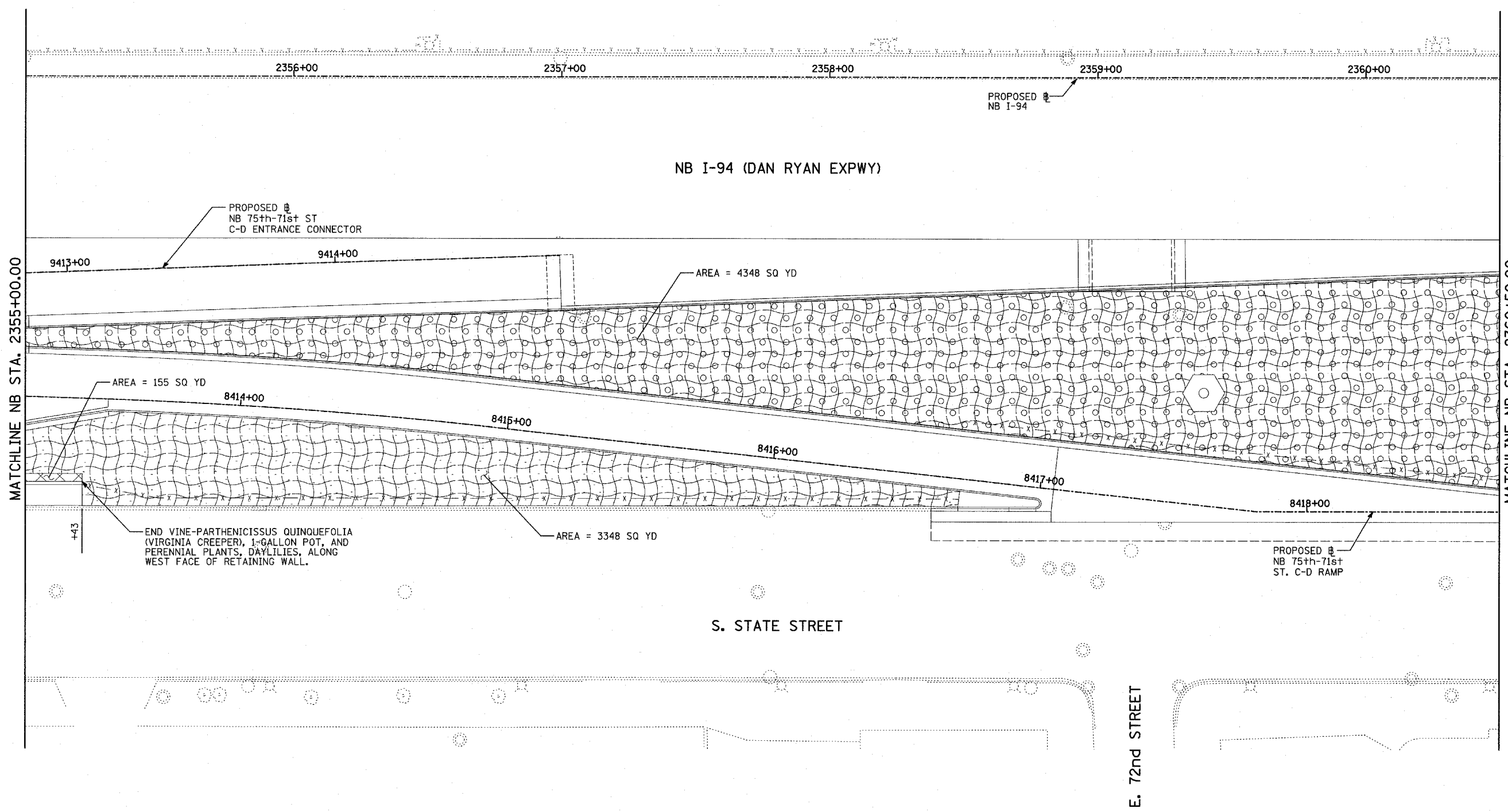
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 75th TO 71st STREET C-D RAMP
 NB I-94 STA. 2349+50.00 TO 2355+00.00

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

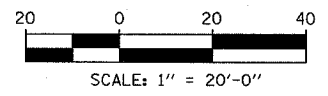
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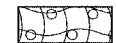
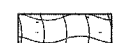
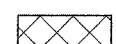
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	.	COOK	860	336
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		



LOCATION MAP



LEGEND:

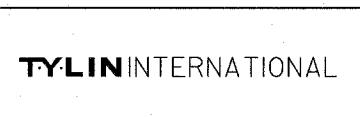
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
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-  TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 75th TO 71st STREET C-D RAMP
 NB I-94 STA. 2355+00.00 TO 2360+50.00

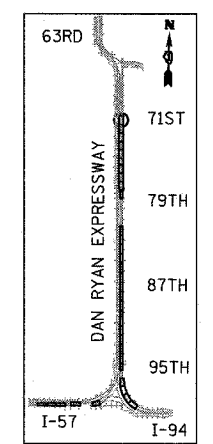
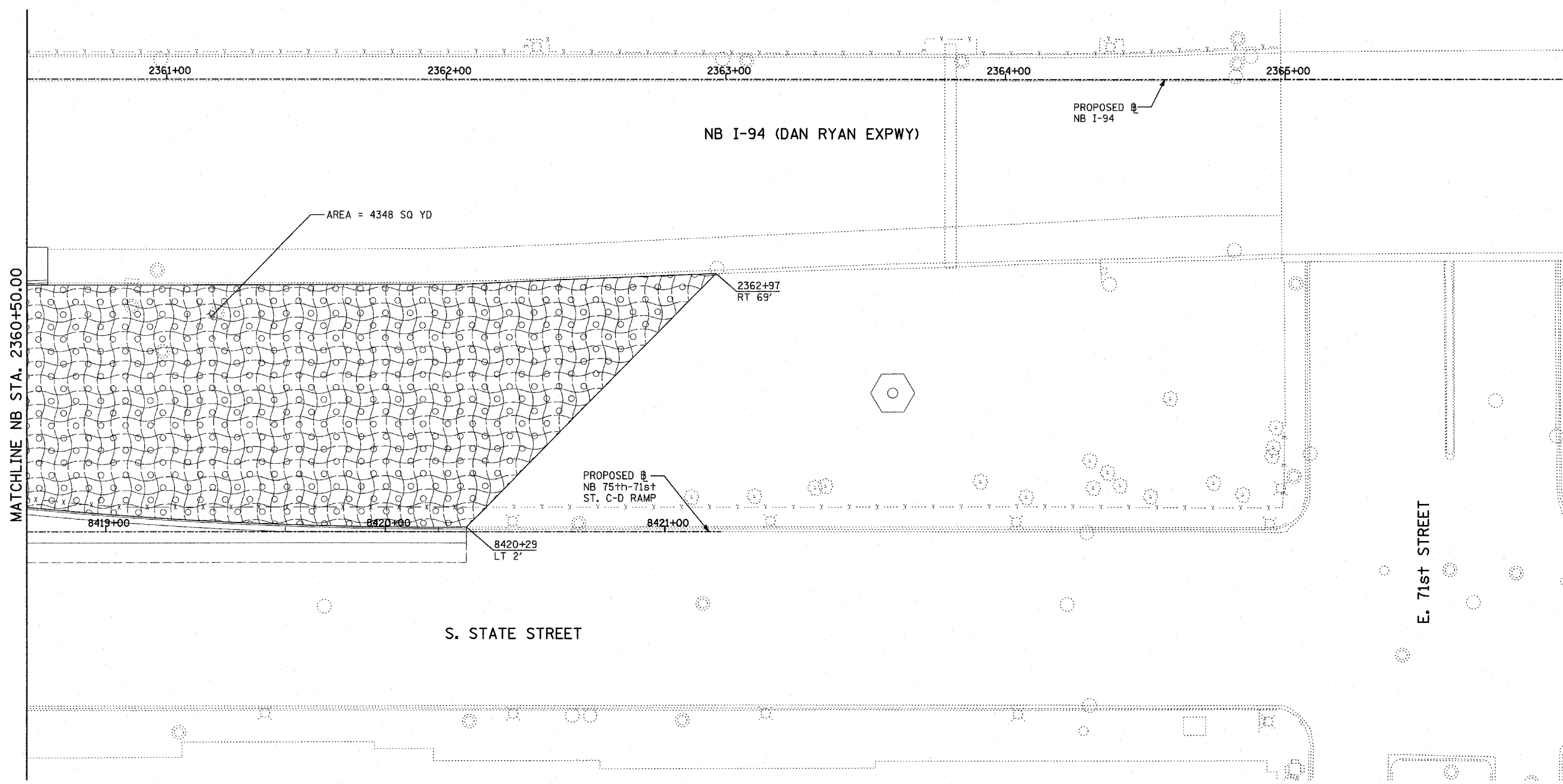
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DRAWN BY: JJS
 CHECKED BY: MPG

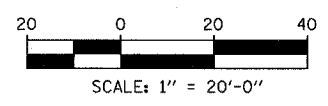


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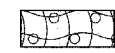
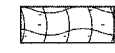
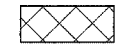
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	337
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8			62694	



LOCATION MAP



LEGEND:

-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 NB 75th TO 71st STREET C-D RAMP
 NB I-94 STA. 2360+50.00 TO 2366+00.00
 SCALE: 1"=20'
 DATE: MARCH 18, 2005
 DRAWN BY: JJS
 CHECKED BY: MPG

TYLININTERNATIONAL

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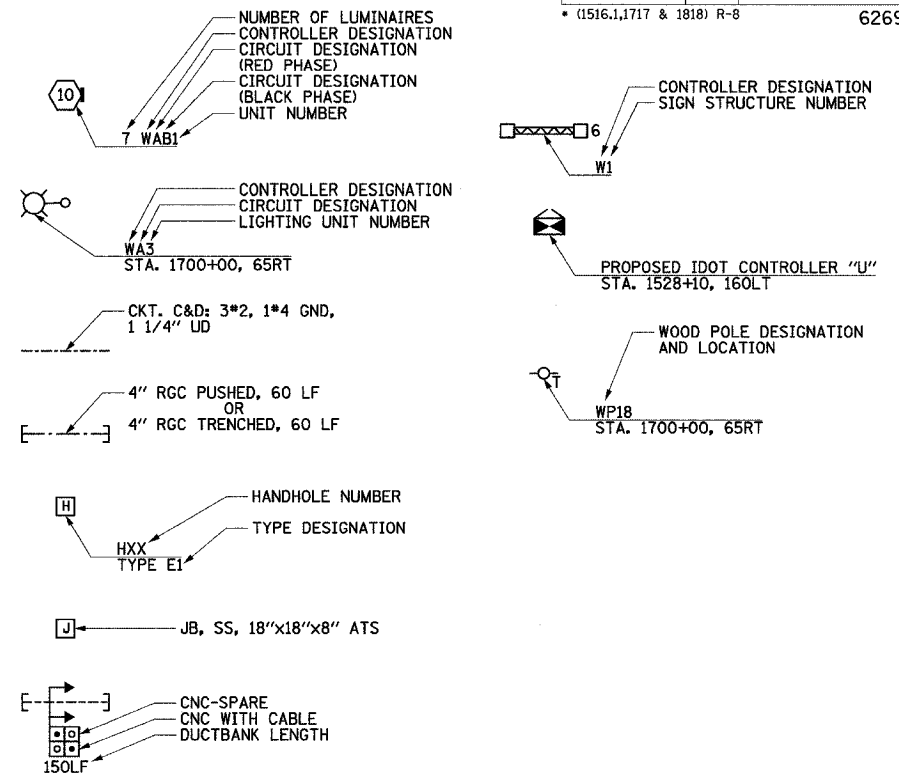
ELECTRICAL SYMBOLS FOR PROPOSED WORK

GENERAL ELECTRICAL CALLOUTS

- LIGHT TOWER FOUNDATION
NUMBER INSIDE HEXAGON INDICATES TOWER TYPE
HANDHOLE LOCATION AS INDICATED
TOWER INSTALLED BY OTHERS,
UNDER A SEPARATE CONTRACT
TYPE TOWER HEIGHT
10 - 100 FEET
11 - 110 FEET
12 - 120 FEET
- LIGHT POLE FOUNDATION, SINGLE MAST ARM
(POLE AND LUMINAIRE NIC)
- LIGHT POLE FOUNDATION, TWIN MAST ARM
(POLE AND LUMINAIRE NIC)
- TEMPORARY LIGHTING UNIT INCLUDING 60 FOOT
WOOD POLE (CLASS 4), 8'-0" MAST ARM WITH
400 WATT HPS LUMINAIRE
- ELECTRIC HANDHOLE: TYPE AS INDICATED
TYPE E1: PC CONCRETE, 21.5"x21.5"x30"
IDOT STANDARD 814001
TYPE E2: PC CONCRETE-HEAVY DUTY, 22"x22"x30",
IDOT STANDARD 814001
TYPE C1: COMMUNICATIONS VAULT
TYPE S1: PC CONCRETE-HEAVY DUTY, 22"x22"x36"
TYPE S1 (SPECIAL): PC CONCRETE-HEAVY DUTY, 22"x22"x36"
TYPE S2: PC CONCRETE-HEAVY DUTY SPECIAL,
30"x30"x36"
- JUNCTION BOX: TYPE AND SIZE AS INDICATED
ON PLANS
- FIBER OPTIC COMMUNICATIONS HUT
- LIGHTED SIGN STRUCTURE-CANTILEVER TYPE
(NUMBER OF FLUORESCENT FIXTURES AS
INDICATED WITH ASSOCIATED DISCONNECT
SWITCH - TYP.) (N.I.C.)

- LIGHTED SIGN STRUCTURE-TRUSS TYPE (N.I.C.)
- TEMPORARY LIGHTED SIGN STRUCTURE-TRUSS
TYPE, QUANTITY OF LUMINAIRES AS SHOWN
ON SIGNING PLANS
- LIGHTED SIGN STRUCTURE-BRIDGE MOUNT TYPE (N.I.C.)
- DYNAMIC MESSAGE SIGN (N.I.C.)
- FLASHING BEACON SIGN (N.I.C.)
- CLOSED CIRCUIT TELEVISION CAMERA (N.I.C.)
- MICROWAVE DETECTOR (N.I.C.)
- DETECTOR LOOP
- CONTROLLER CABINET FOUNDATION
- CONTROLLER CABINET FOUNDATION: SURVEILLANCE
- CONTROLLER CABINET FOUNDATION: SURVEILLANCE,
TYPE 334
- RAMP METER SIGNAL POLE/HEAD FOUNDATION
- RAMP METER FLASHER FOUNDATION
- TEMPORARY WOOD POLE, 50 FOOT LENGTH
(10 FOOT BURIED, 40 FOOT INSTALLED HEIGHT)
- HIGHWAY ADVISORY RADIO ANTENNA (N.I.C.)
- ELECTRIC UTILITY POLE
- CCTV CAMERA POLE (N.I.C.)

- POLE MOUNTED ELECTRIC UTILITY TRANSFORMER(S)
- PAD MOUNTED ELECTRIC UTILITY TRANSFORMER
- GROUND ROD
- MAIN SERVICE FUSED DISCONNECT SWITCH
(RATING AS INDICATED)
- EXISTING RACEWAY OR CONDUIT RUN
AS INDICATED ON PLANS
- RACEWAY EMBEDDED IN STRUCTURE
- RACEWAY OR DIRECT BURIAL CABLE
UNDERGROUND WITHOUT ENCASEMENT
- RIGID GALVANIZED STEEL CONDUIT
SLEEVE, TRENCHED OR PUSHED
- UNDERGROUND REINFORCED CONCRETE ENCASED
CNC DUCTBANK, UNO. (NUMBER AND SIZE OF
DUCTS AS SHOWN)
- RACEWAY OR CONDUIT IN TRENCH, TYPE AS
INDICATED ON PLANS
- AERIAL CABLE, TYPE AS INDICATED ON PLANS
- CONDUIT TURNED DOWN
- CONDUIT TURNED UP



ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS

- EXISTING LIGHTING UNIT, TWIN LUMINAIRE
- EXISTING LIGHTING UNIT
- EXISTING TEMPORARY LIGHTING UNIT
- EXISTING CDOT LIGHTING UNIT
- EXISTING UNDERPASS LUMINAIRE
- EXISTING ELECTRIC HANDHOLE
- EXISTING JUNCTION BOX
- EXISTING PULL BOX
- EXISTING TELEPHONE CONNECTION
- EXISTING FIBER OPTIC COMMUNICATIONS HUT
- EXISTING ELECTRIC HANDHOLE/MANHOLE
- RELOCATE EXISTING LIGHTING UNIT

- EXISTING CDOT ELECTRIC HANDHOLE/MANHOLE
- EXISTING LIGHTED SIGN STRUCTURE-CANTILEVER TYPE
- EXISTING LIGHTED SIGN STRUCTURE-TRUSS TYPE
- EXISTING LIGHTED SIGN STRUCTURE-BRIDGE MOUNT TYPE
- EXISTING DYNAMIC MESSAGE SIGN
- EXISTING FLASHING BEACON SIGN
- EXISTING CLOSED CIRCUIT TELEVISION CAMERA
- EXISTING MICROWAVE DETECTOR
- EXISTING DETECTOR LOOP
- EXISTING LIGHTING CONTROLLER, DUPLEX
- EXISTING CONTROLLER CABINET
- EXISTING RAMP METER SIGNAL POLE/HEAD

- EXISTING RAMP METER FLASHER
- EXISTING HIGHWAY ADVISORY RADIO ANTENNA
- EXISTING CCTV CAMERA POLE
- EXISTING UTILITY SERVICE CONNECTION,
POLE MOUNTED
- EXISTING UTILITY SERVICE CONNECTION,
PAD MOUNTED
- EXISTING CONCEALED CONDUIT IN STRUCTURE
- EXISTING EXPOSED CONDUIT
- EXISTING RACEWAY OR DIRECT BURIED CABLE
WITHOUT ENCASEMENT
- EXISTING CONCEALED CONDUIT UNDERGROUND,
TRENCHED OR PUSHED
- EXISTING ELECTRIC CABLE IN CONDUIT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL SYMBOLS

SCALE: NOT TO SCALE
DATE: MARCH 18, 2005

DRAWN BY: CJM
CHECKED BY: BMW

ABBREVIATIONS

A	AMPERES	E	EXISTING UNIT TO REMAIN	LF	LINEAR FEET	SB	SOUTHBOUND
AC	ALTERNATING CURRENT	EA	EACH	LP	LIGHT POLE	SHT	SHEET
A/C	AERIAL CABLE	EB	EASTBOUND	L SUM	LUMP SUM	SM	SINGLE MODE
AFG	ABOVE FINISHED GRADE	ECA	ELECTRIC CABLE ASSEMBLY	LT	LEFT	SS	STAINLESS STEEL
ANT	ANTENNA	EL	ELEVATION	M	METER	ST	STREET
AOBE	AS ORDERED BY THE ENGINEER	EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST, OR MAST ARM)	MA	MAST ARM	STA	STATION
ASPH	ASPHALT	ER	EXISTING RELOCATED UNIT	MD	MICROWAVE DETECTOR	STD	STANDARD
ATS	ATTACHED TO STRUCTURE	ET	EXISTING TEMPORARY UNIT TO REMAIN OR MODIFIED	MM	MULTI-MODE	STL	STEEL
AVE	AVENUE	ETP	EMERGENCY TRAFFIC PATROL	MW	MESSENGER WIRE	STRUCT	STRUCTURE
BHD	BULKHEAD	ETR	EXISTING TEMPORARY RELOCATED UNIT	NB	NORTHBOUND	SURF	SURFACE
BIT	BITUMINOUS	EXCAV	EXCAVATION	NIC	NOT IN CONTRACT	SURV	SURVEILLANCE
BLK	BLOCK	F, FT	FOOT, FEET	NM	NONMETALLIC	SW	SIDEWALK
BR	BRIDGE	FDN	FOUNDATION	NO	NUMBER	T	TEMPORARY
C	CONDUIT, CONDUCTOR	FO	FIBER OPTIC	NTS	NOT TO SCALE	TAN	TANGENT
CAB	CABINET	GM	GROUND MOUNTED	OH	OVERHEAD	TC	TRAY CABLE
CBW	CONCRETE BLOCK WALL	GND, GRD	GROUND	PEC	POLYETHYLENE CONDUIT	TEL	TELEPHONE
CC	COMMUNICATIONS CENTER	GR	GUARD RAIL	PH	PHASE	TS	TRAFFIC SIGNAL
CCTV	CLOSED CIRCUIT TELEVISION	GSC	GALVANIZED STEEL CONDUIT	PIN	PROJECT IDENTIFICATION NUMBER	TSC	TRAFFIC SYSTEMS CENTER
CDOT	CDOT-CHICAGO DEPARTMENT OF TRANSPORTATION	HAR	HIGHWAY ADVISORY RADIO	PL	PROPERTY LINE	TYP	TYPICAL
COMED	COMMONWEALTH EDISON	HD	HEAVY DUTY	PNL	PANEL	UD	UNIT DUCT
CKT	CIRCUIT	HH	HANDHOLE	PROP	PROPOSED	UND	UNDERDRAIN
CLF	CHAIN LINK FENCE	HPS	HIGH PRESSURE SODIUM	PTZ	PAN-TILT-ZOOM	UNO	UNLESS NOTED OTHERWISE
CNC	COILABLE NONMETALLIC CONDUIT	HYD	HYDRANT	PVC	POLYVINYL CHLORIDE	V	VOLT
COMM	COMMUNICATIONS	ID	INNERDUCT	PVCC	POLYVINYL CHLORIDE COATED	W	WATT
CONC	CONCRETE	IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION	R	EXISTING UNIT TO BE REMOVED (SALVAGED UNO)	WB	WESTBOUND
CONST	CONSTRUCTION	I	INTERSTATE	RC	REINFORCED CONCRETE	WM	WALL MOUNTED
CORR	CORRUGATED	IN	INCHES	RD	ROAD	WP	WOOD POLE
CW	CONCRETE WALL	J, JB	JUNCTION BOX	RGC	RIGID GALVANIZED STEEL CONDUIT	XFMR	TRANSFORMER
CL	CENTERLINE	KVA	KILOVOLT-AMPERE	RL	RELOCATE		
DB	DIRECT BURIED	KW	KILOWATT	RM	RAMP METER		
DC	DIRECT CURRENT			ROW	RIGHT OF WAY		
DF	DARK FIBER			RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED		
DIA	DIAMETER			RT	RIGHT		
DMS	DYNAMIC MESSAGE SIGN			RW	RETAINING WALL		
DWG	DRAWING(S)						

17A/EI-101

SINGH
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS

300 W. ADAMS ST.
 CHICAGO, IL 60606
 TEL: (312) 629-0240
 FAX: (312) 629-8449

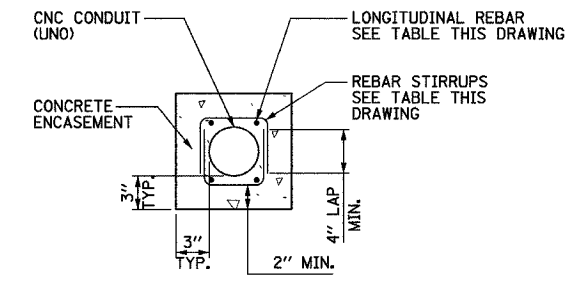
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

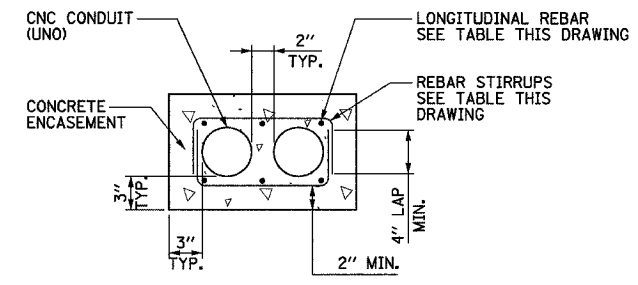
ELECTRICAL ABBREVIATIONS

SCALE: NOT TO SCALE DRAWN BY: CJM
 DATE: MARCH 18, 2005 CHECKED BY: BMW

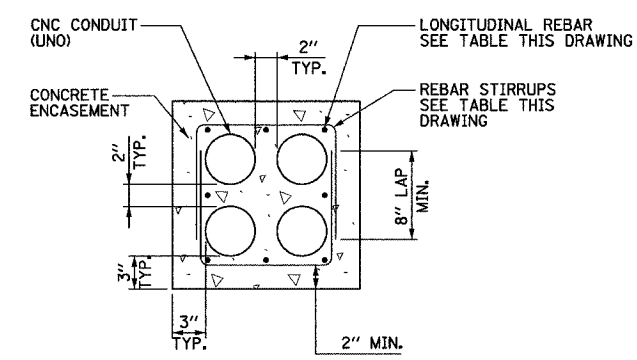
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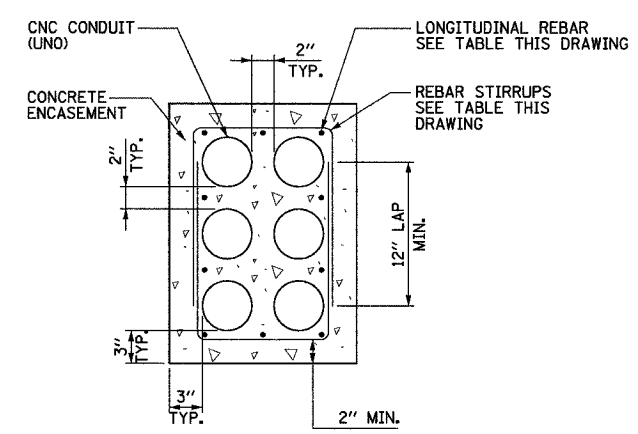
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IN REINFORCED CONCRETE**
NOT TO SCALE



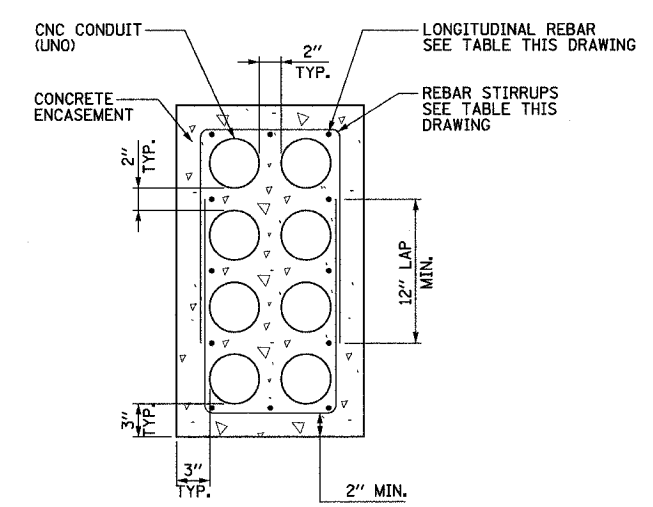
**2x1 DUCTBANK DETAIL-
IN REINFORCED CONCRETE**
NOT TO SCALE



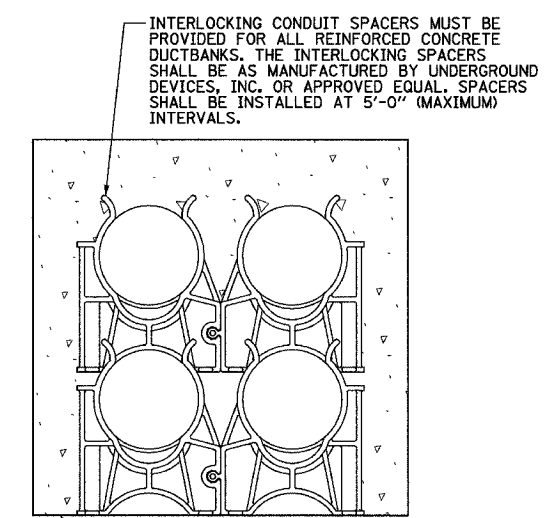
**2x2 DUCTBANK DETAIL-
IN REINFORCED CONCRETE**
NOT TO SCALE



**2x3 DUCTBANK DETAIL-
IN REINFORCED CONCRETE**
NOT TO SCALE

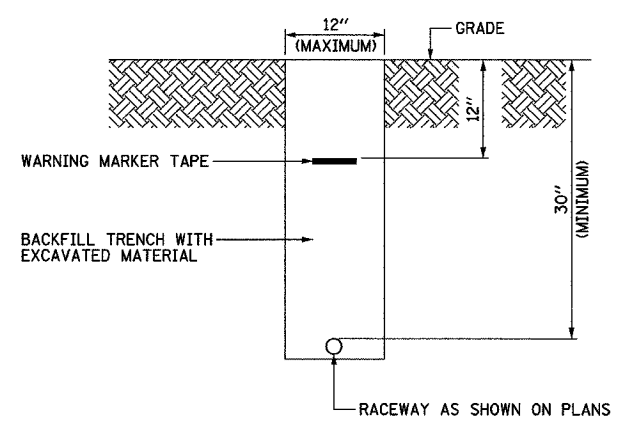


**2x4 DUCTBANK DETAIL-
IN REINFORCED CONCRETE**
NOT TO SCALE

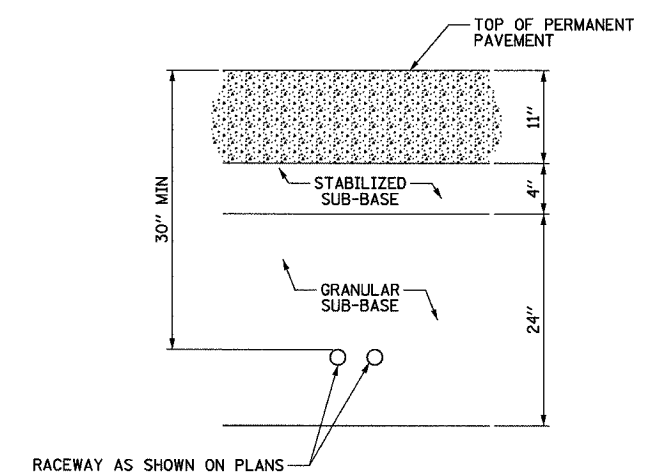


INTERLOCKING CONDUIT SPACER DETAIL
NOT TO SCALE

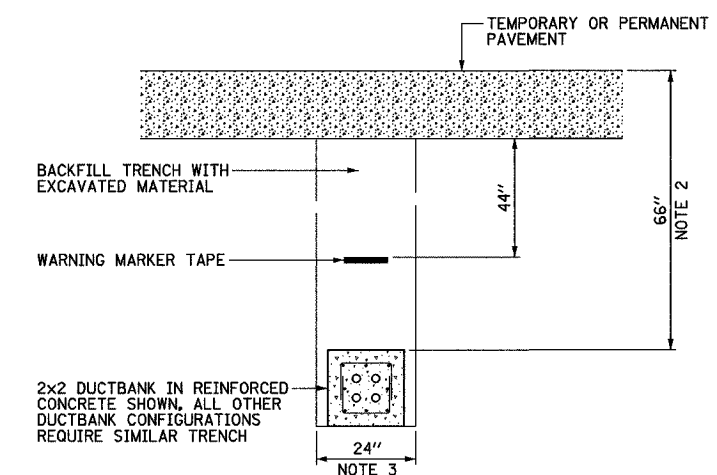
- NOTES:**
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - PROVIDE MINIMUM CLEARANCE SHOWN FROM TOP OF DUCTBANK TO FINISHED GRADE FOR ALL DUCTBANKS, REGARDLESS OF SIZE. CONTRACTOR SHALL INSTALL DUCTBANKS SUCH THAT THEY WILL CLEAR ALL UNDERGROUND OBSTACLES.
 - TRENCH SHALL HAVE MINIMUM WIDTH SHOWN FOR ALL DUCTBANKS DETAILED ON THIS DRAWING. THE CONTRACTOR SHALL INCREASE TRENCH WIDTH FOR ADDITIONAL CONDUITS, AS DIRECTED BY THE ENGINEER, AT NO ADDITIONAL COST.



**TYPICAL ELECTRICAL
CONDUIT IN UNPAVED AREA**
NOT TO SCALE



**TYPICAL SURVEILLANCE
CONDUIT UNDER PERMANENT PAVEMENT**
NOT TO SCALE



**TYPICAL ELECTRICAL
DUCTBANK UNDER PAVEMENT**
NOT TO SCALE

DUCTBANK REINFORCEMENT TABLE		
DUCTBANK CONCRETE CROSS-SECTIONAL AREA SQ. INCHES	LONGITUDINAL REBAR	REBAR STIRRUPS
	BARS	
LESS THAN 450	#4	#3 AT 12" SPACING
451 TO 650	#5	#3 AT 12" SPACING
GREATER THAN 651	#6	#3 AT 12" SPACING

SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL DUCTBANK DETAILS

SCALE: NOT TO SCALE DRAWN BY:
DATE: MARCH 18, 2005 CHECKED BY:

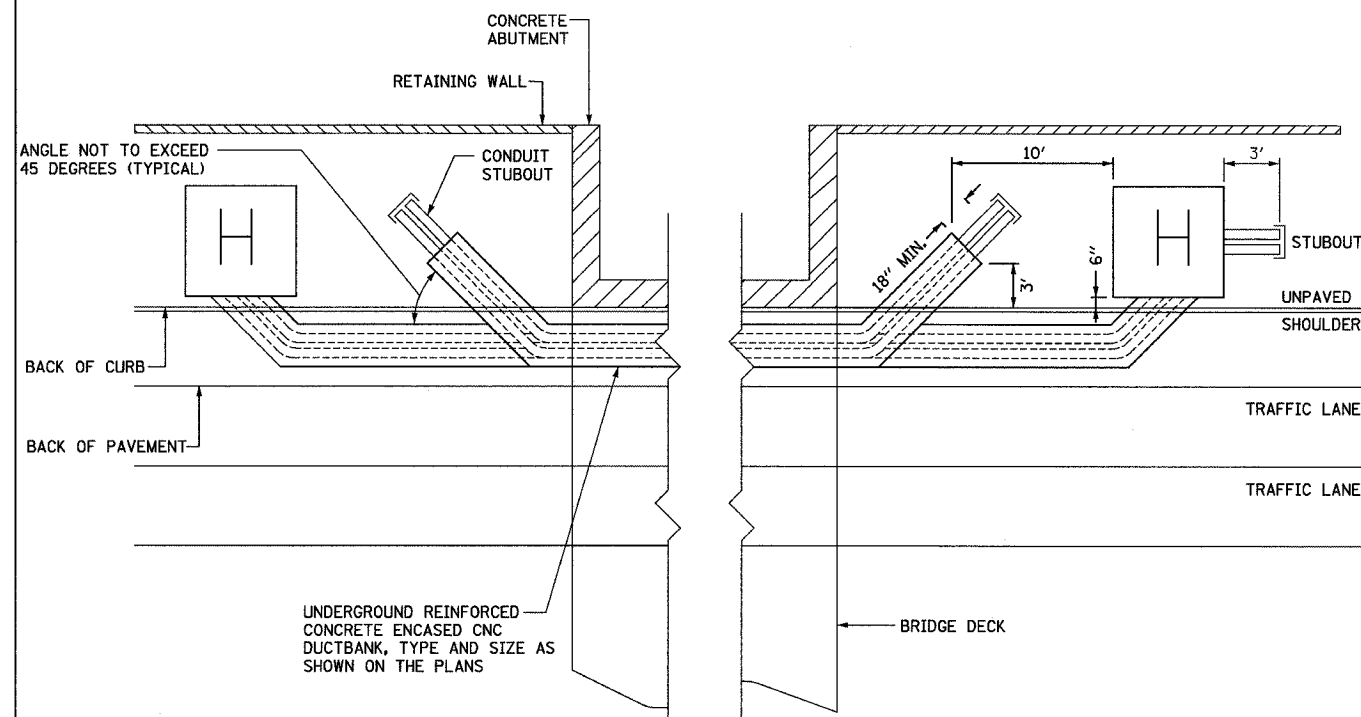
3/24/2005 4:46:00 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	341
STA.	---	TO STA.	---	---
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• (1516.1,1717 & 1818) R-8				

62694

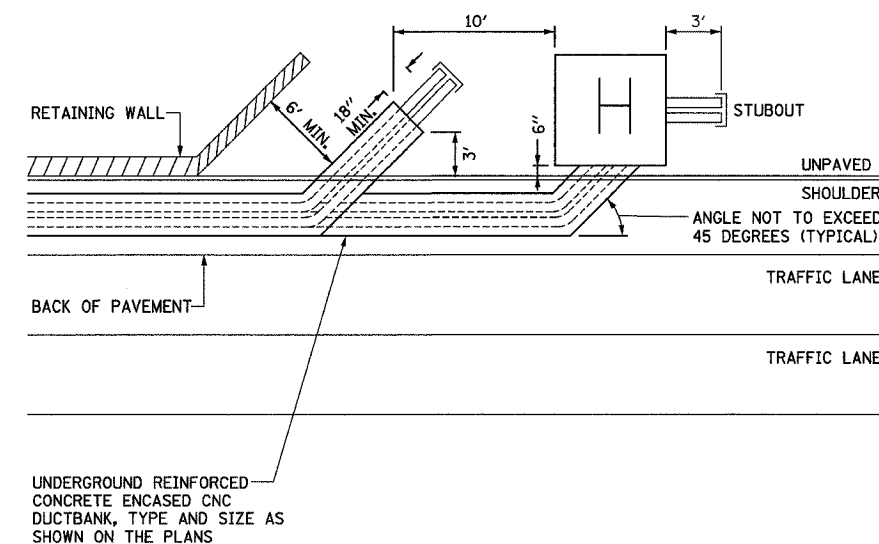
NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- DIMENSIONS SHOWN ON THIS DRAWING ARE TYPICAL FOR MOST INSTALLATIONS. DIMENSIONS AND/OR STATIONS SPECIFIED ON THE PLANS OR HANDHOLE DETAIL DRAWINGS SHALL SUPERCEDE THE DIMENSIONS SHOWN ON THIS DRAWING.
- SEE DRAWING EI-102 FOR CONDUIT DUCTBANK DETAILS.
- STUBOUTS TO EXTEND 3' FROM HANDHOLE AND BE CAPPED. QUANTITY AND SIZE SHALL BE SHOWN ON PLANS. STUBOUTS SHALL BE INCLUDED IN HANDHOLE PAY ITEM AND SHALL NOT BE PAID SEPARATELY.



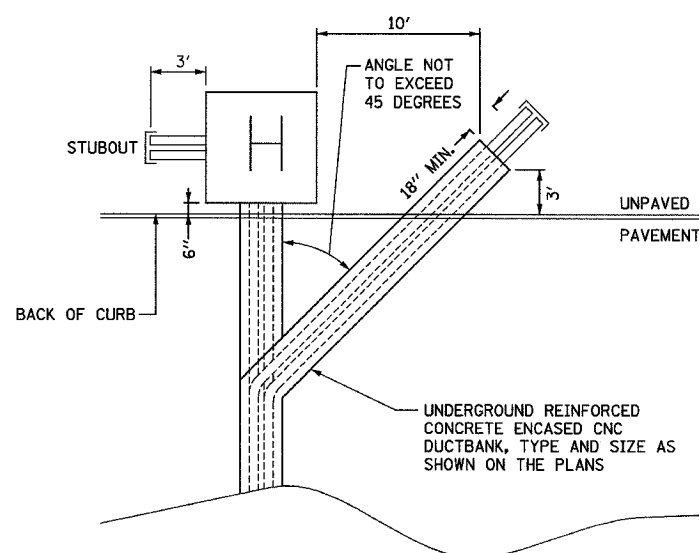
DUCTBANK INSTALLATION DETAIL UNDER BRIDGE OVERPASS

NOT TO SCALE



DUCTBANK INSTALLATION DETAIL ALONG RETAINING WALL

NOT TO SCALE



DUCTBANK INSTALLATION DETAIL UNDER PAVEMENT

NOT TO SCALE

17A/EI-103

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

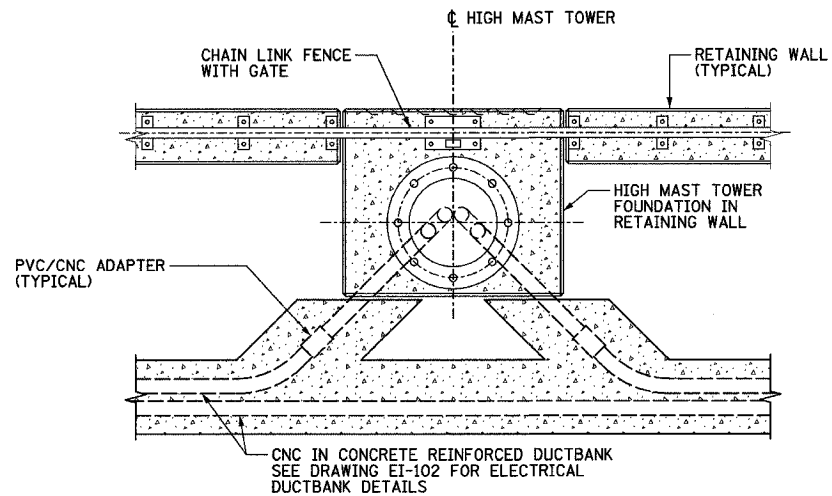
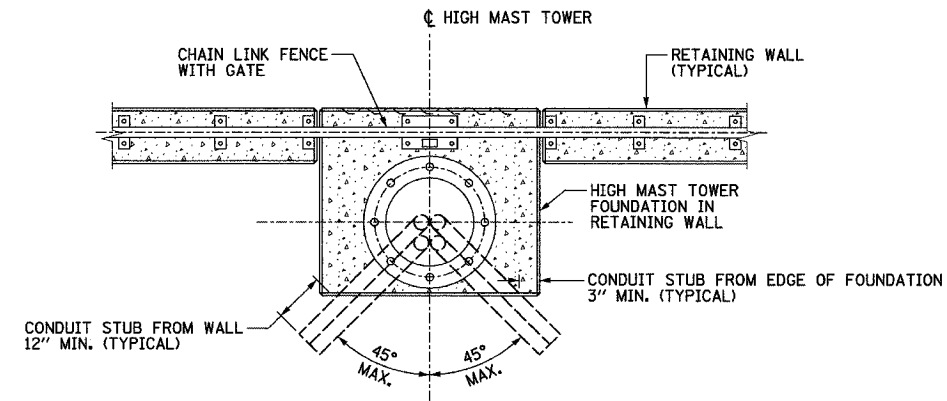
**ELECTRICAL DUCTBANK DETAILS
IN SHOULDER AND UNDER PAVEMENT**

SCALE: NOT TO SCALE DRAWN BY: BHP
DATE: MARCH 18, 2005 CHECKED BY: BMW

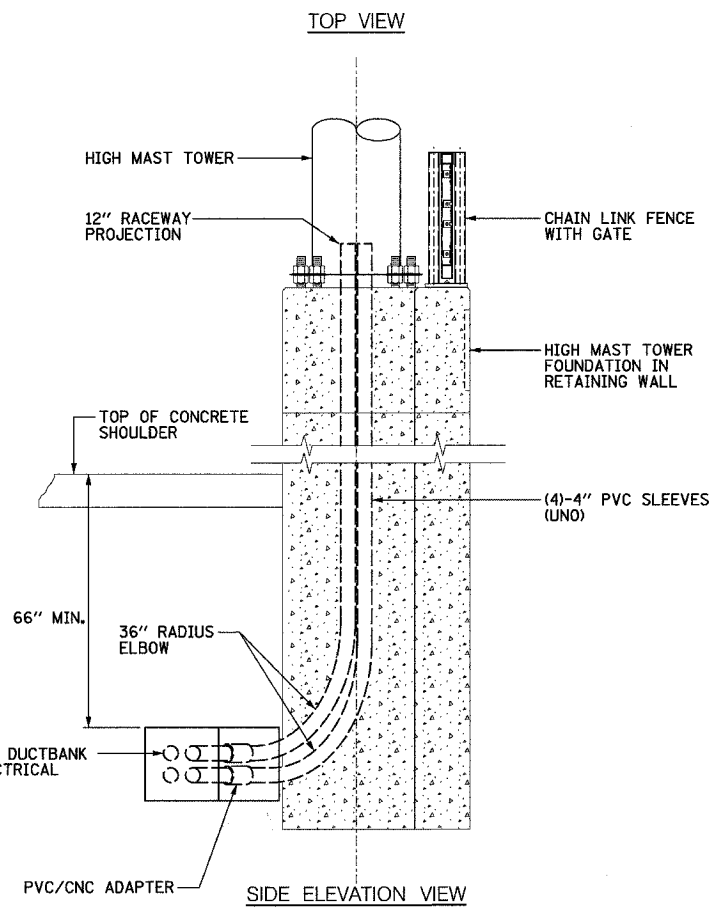
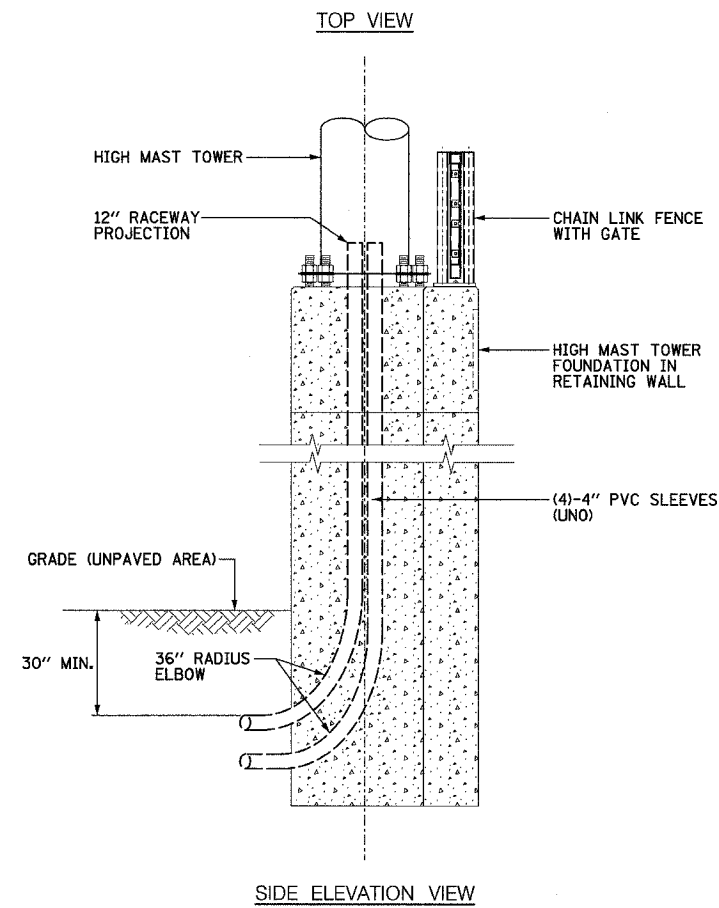


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	342
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			62694	
* (1516, 1, 1717 & 1818) R-8				



- NOTES:**
1. SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 2. SEE PLAN DRAWINGS FOR HIGH MAST LIGHT TOWER FOUNDATION LOCATIONS.



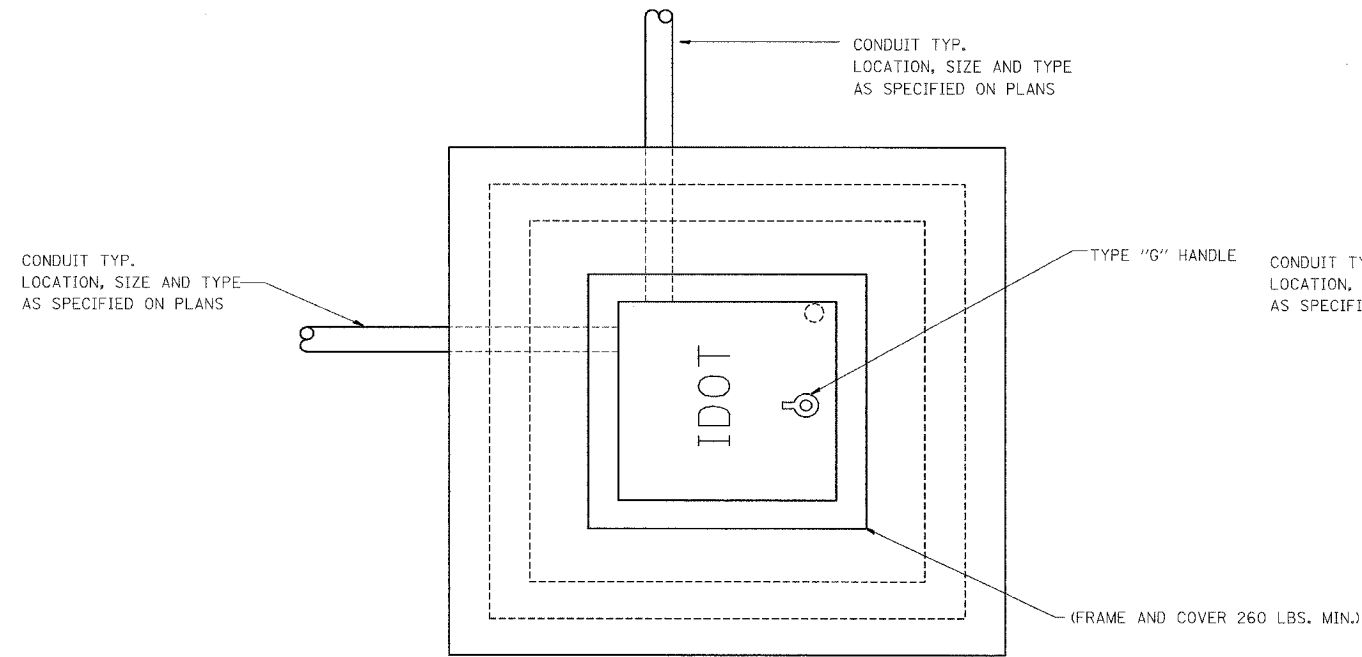
TYPICAL CONDUIT INSTALLATION DETAIL FOR INSTALLING CONDUIT SLEEVES IN FOUNDATION IN RETAINING WALL
NOT TO SCALE

TYPICAL CONDUIT INSTALLATION DETAIL FOR INSTALLING CONCRETE DUCTBANK TO FOUNDATION IN RETAINING WALL
NOT TO SCALE

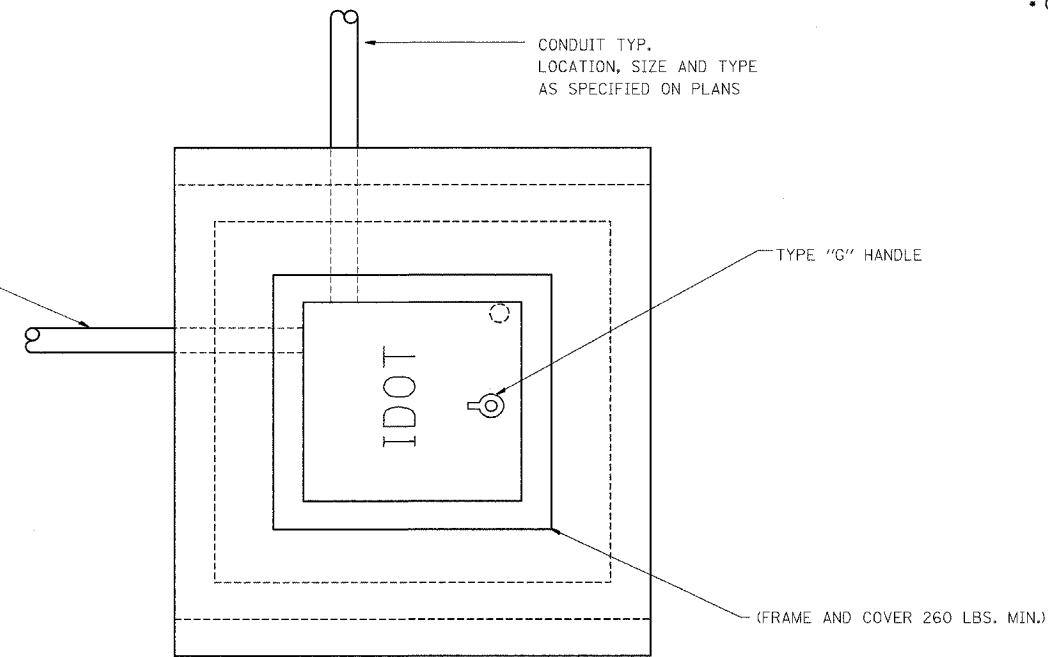
REVISIONS	
NAME	DATE

J:\75\contract\17a_details\el09\0102.dwg 4/26/01 PJM 3/24/2005

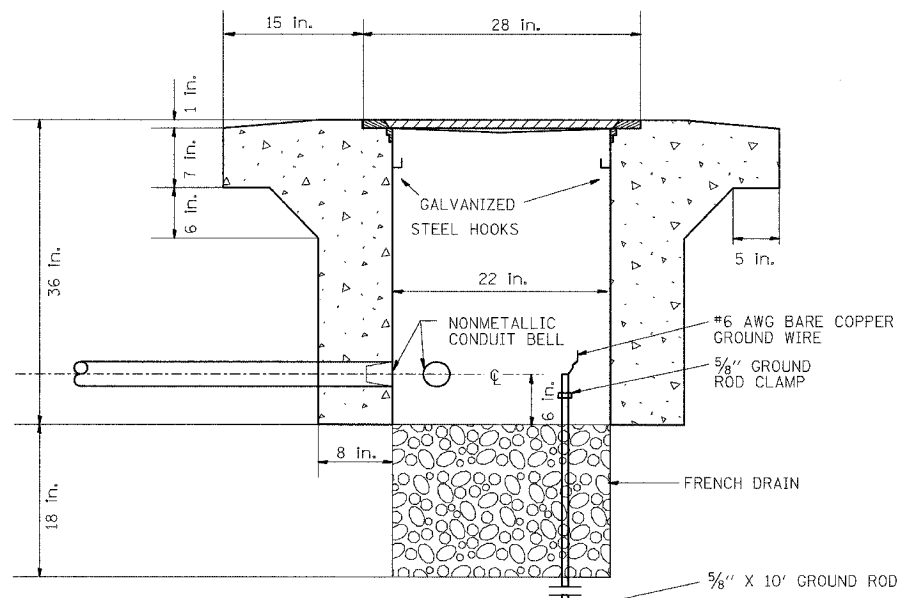
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	343
STA.	---	TO STA.	---	---
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8			62694	



PLAN

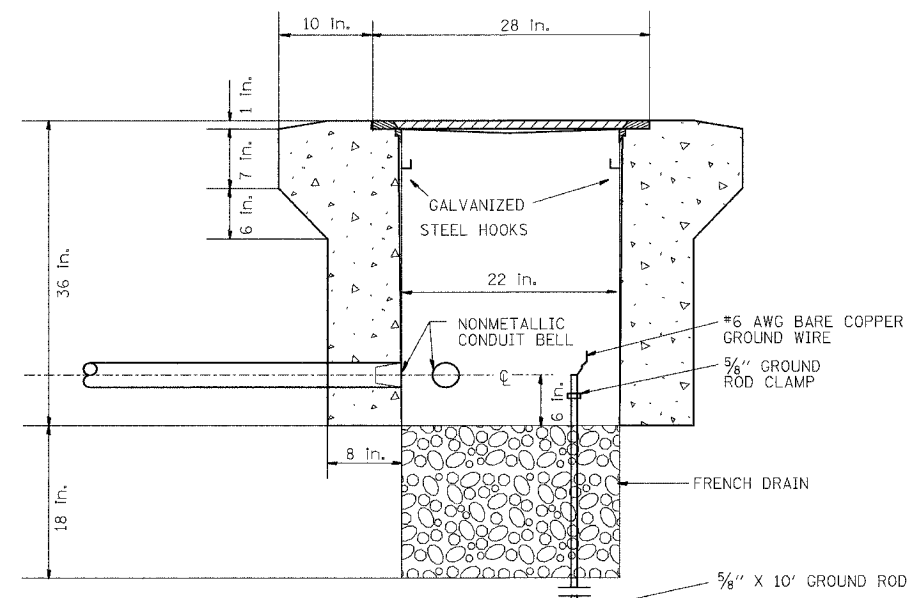


PLAN



ELEVATION

PC CONCRETE - HEAVY DUTY HANDHOLE



ELEVATION

PC CONCRETE - HEAVY DUTY HANDHOLE (SPECIAL)

NOTE:
ALL METALLIC ELEMENTS SHALL BE GROUND IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), SECTION 250, GROUNDING. METAL COVERS AND OTHER EXPOSED CONDUCTIVE SURFACES SHALL BE BONDED IN ACCORDANCE WITH NEC ARTICLE 250.96 (A).

17A/EI-106

Edwards AND Kelcey
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
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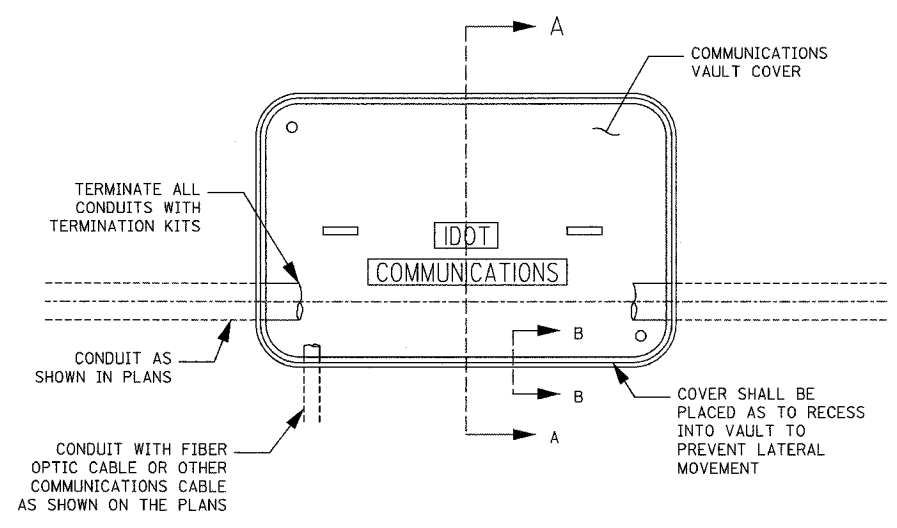
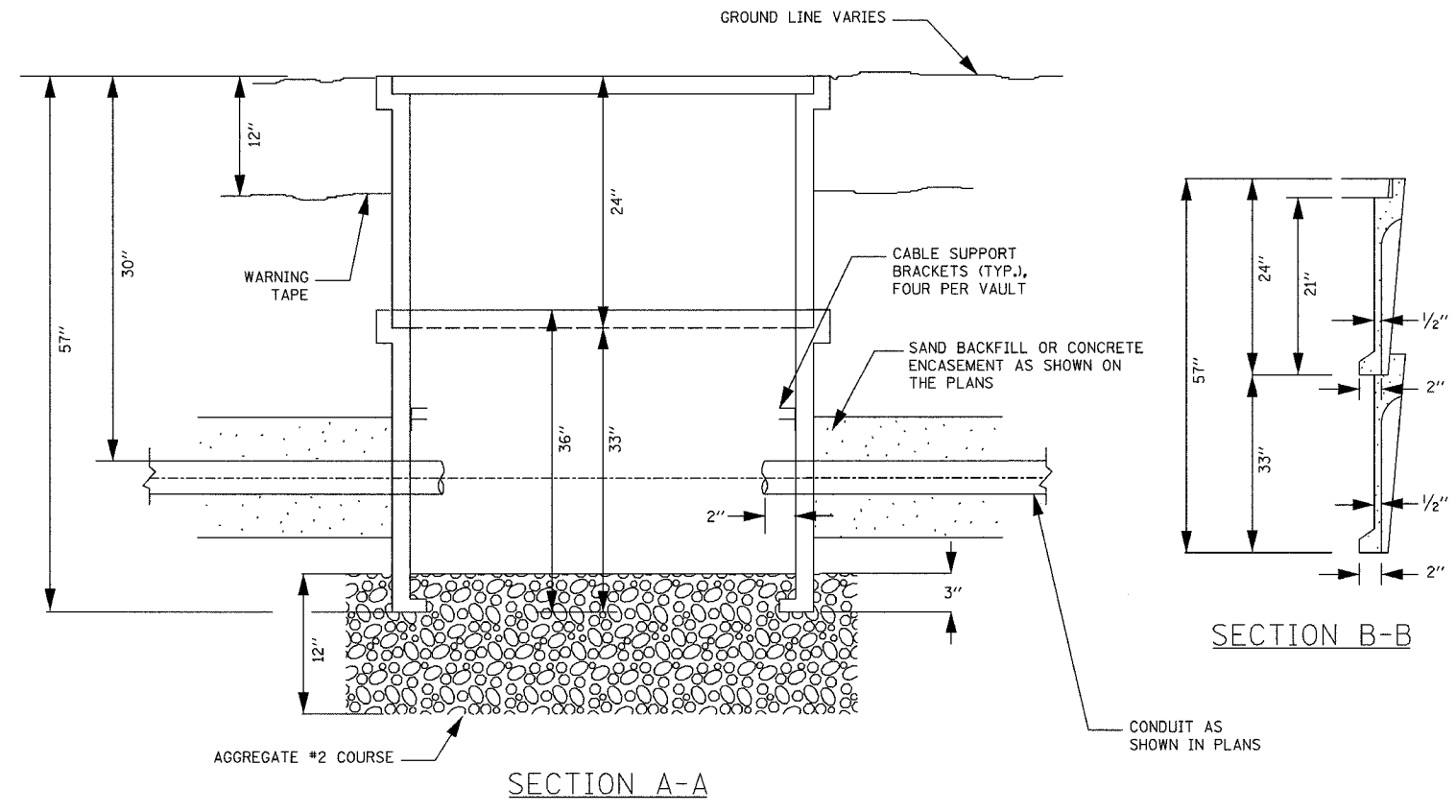
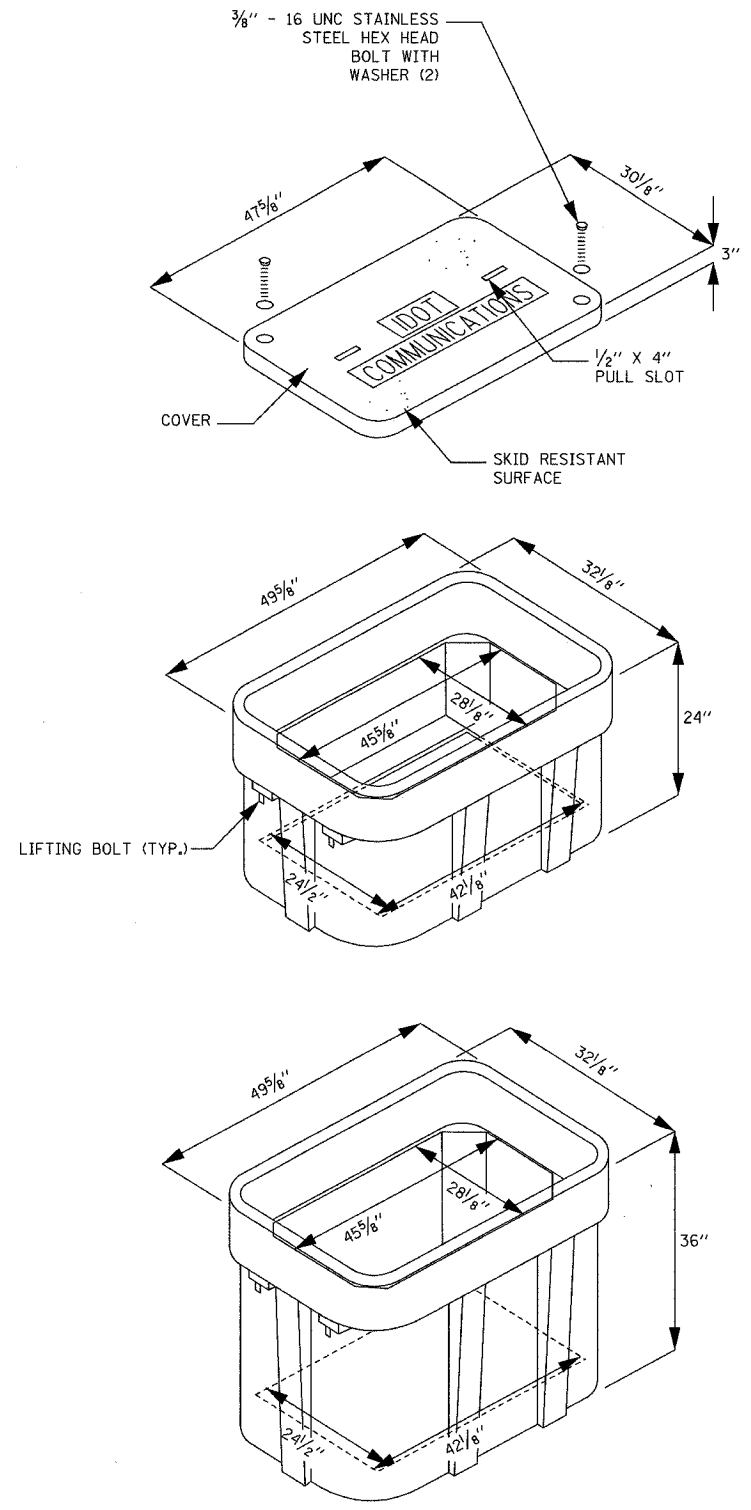
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
PC CONCRETE - HEAVY DUTY HANDHOLE
DETAIL (TYPE S1)

SCALE: NTS
DATE: MARCH 18, 2005
DRAWN BY: CJH
CHECKED BY: MJL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	344
STA. --- TO STA. ---		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



- NOTES:**
1. BOX SHALL HAVE AN OPEN BASE.
 2. COVER SHALL WITHSTAND AASHTO H 20 LOADING AND SHALL LOCK.
 3. ALL OPENINGS IN STRUCTURE MUST BE MACHINED AT TIME OF FABRICATION OR PUNCH DRIVEN AT TIME OF PLACEMENT.
 4. FIELD PLACEMENT OF COMMUNICATIONS VAULT SHALL BE AS DIRECTED BY THE ENGINEER.

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

**COMMUNICATIONS VAULT DETAILS
 (HANDHOLE TYPE C1)**

SCALE: NTS
 DATE: MARCH 18, 2005

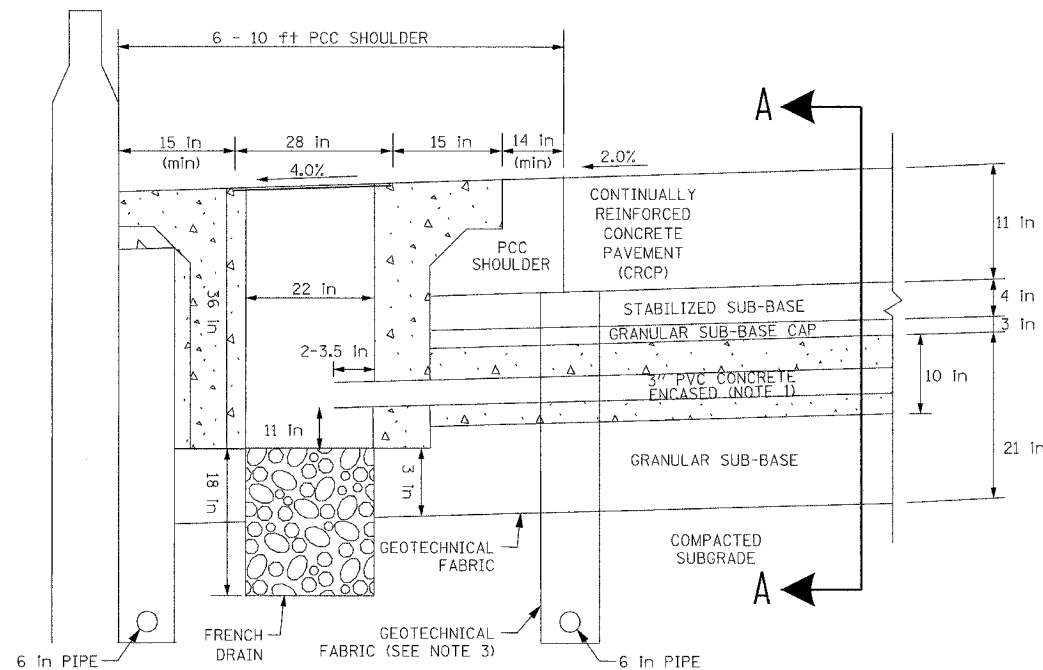
DRAWN BY: MJL
 CHECKED BY: AAP

17A/EI-107

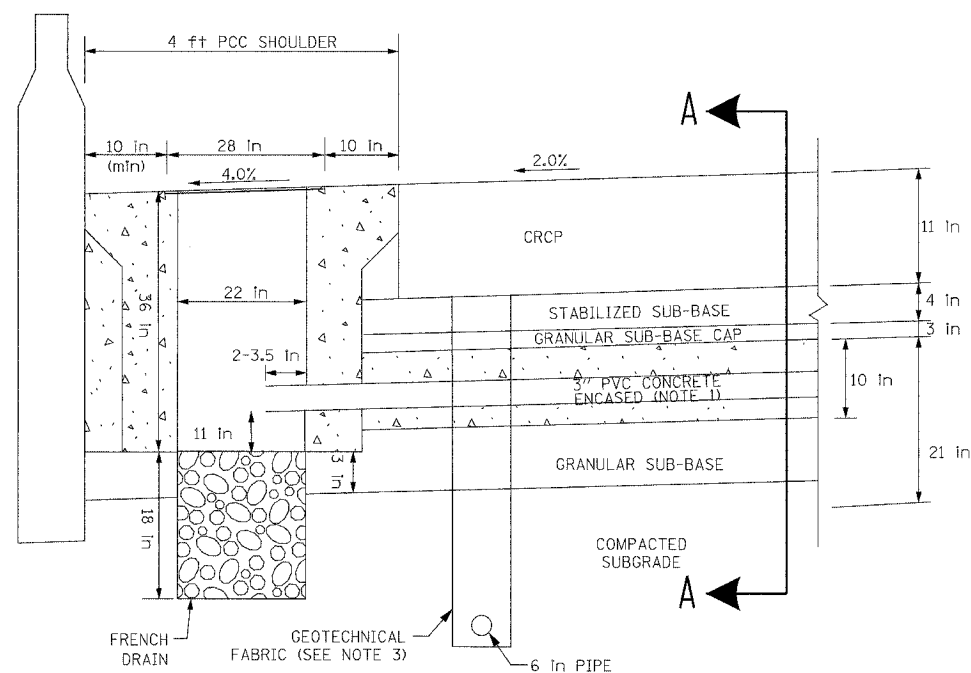
3/24/2005 4:46:02 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	345
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* (1516, 1717 & 1818) B-8				

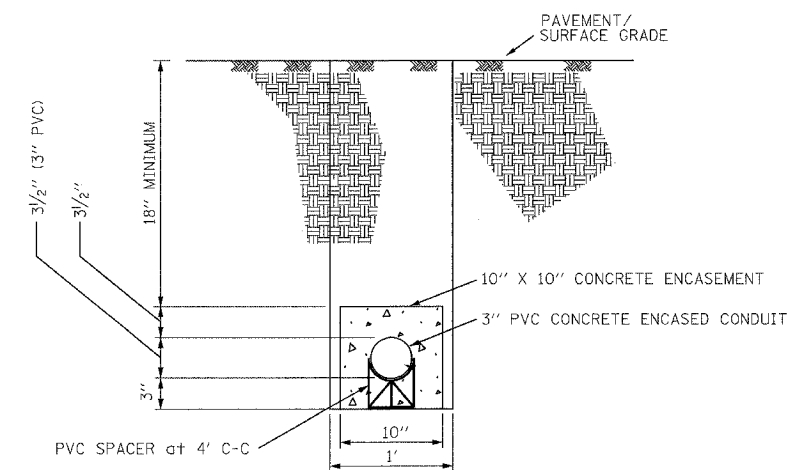
62694



HEAVY DUTY HANDHOLE IN 4' TO 6' RAMP SHOULDER (TYPICAL)



HEAVY DUTY HANDHOLE (SPECIAL) IN 4' RAMP SHOULDER (TYPICAL)



SECTION A-A
TYPICAL 3" PVC CONCRETE ENCASED CONDUIT UNDER PAVEMENT DETAIL
(FOR MICROLOOP INSTALLATION IN PROPOSED RAMP PAVEMENT)

NOTES:

1. 3" PVC CONCRETE ENCASED CONDUIT IS REQUIRED ONLY WHERE SHOWN ON THE PLAN DRAWINGS. WHEN INSTALLED, THE CONDUIT MUST MAINTAIN THE SAME ANGLE AS THE PAVEMENT THROUGHOUT ITS ENTIRE LENGTH.
2. FOR HANDHOLE DETAIL SEE SHEET EI-106.
3. WHEN INSTALLING CONDUIT NEAR OR THROUGH UNDERDRAIN GEOTECHNICAL FABRIC, THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY AND UNIFORMITY OF THE UNDERDRAIN FABRIC THROUGH OVERLAP TO THE SATISFACTION OF THE ENGINEER.

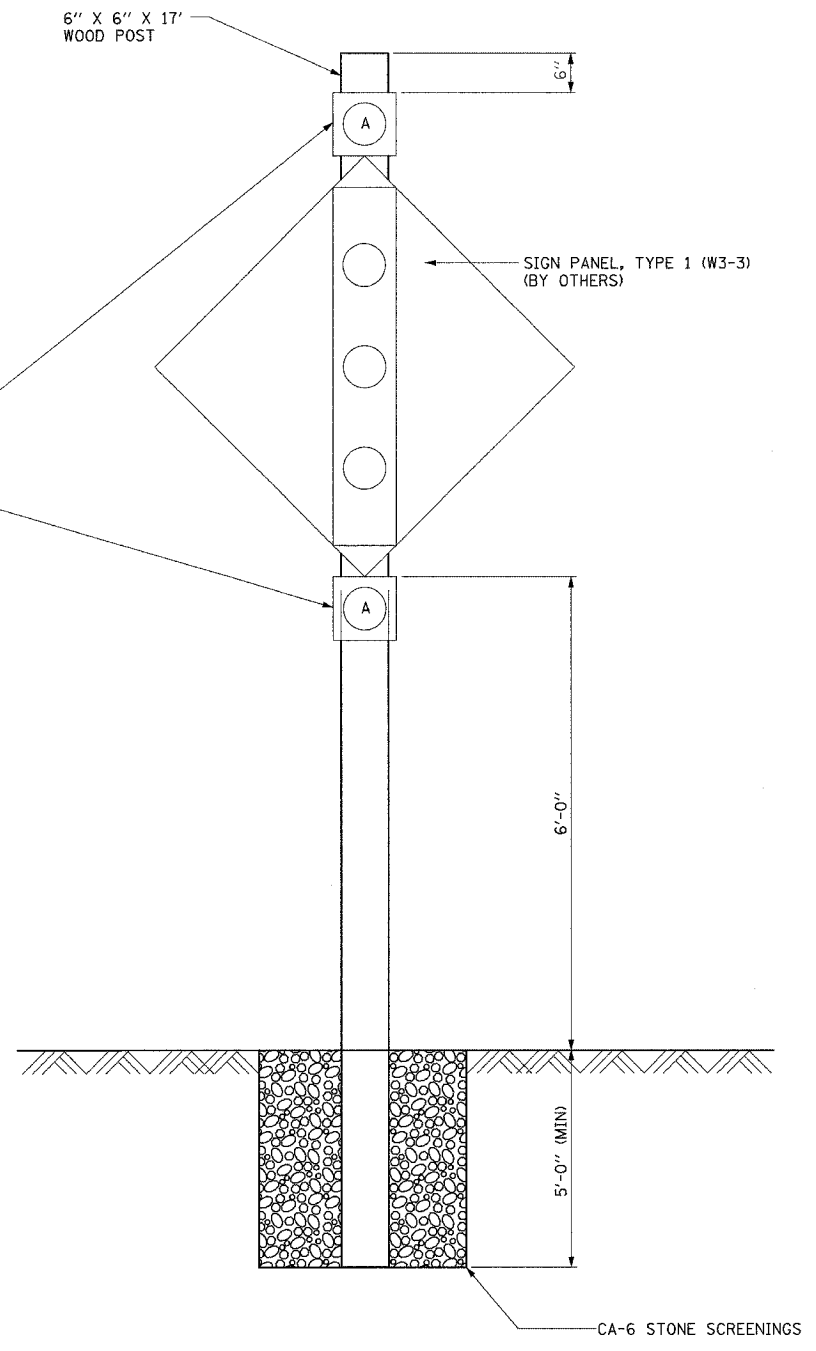
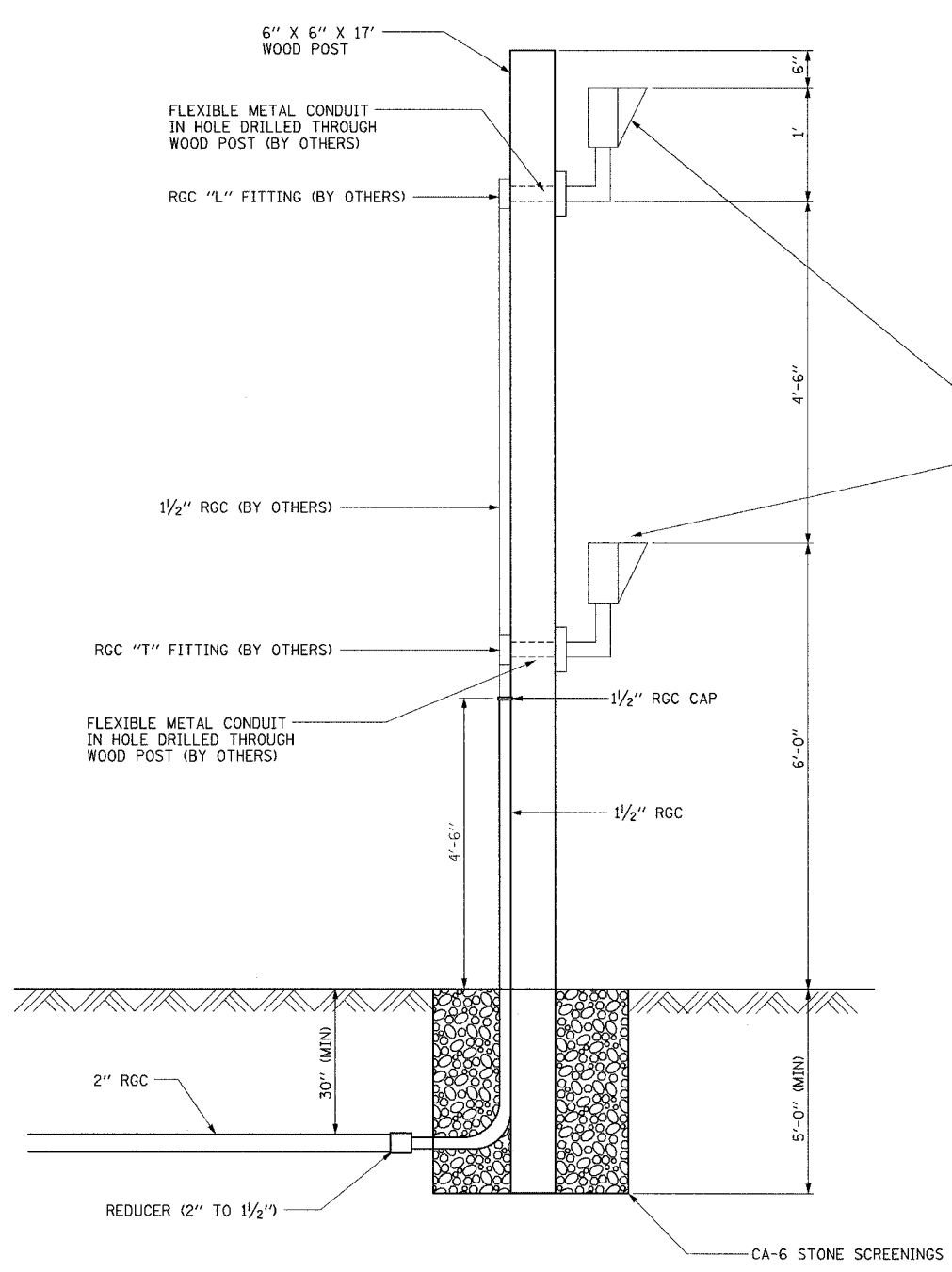
17A/EI-110

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
NAME	DATE	
		TYPICAL HANDHOLE INSTALLATION DETAIL - RAMP SHOULDER
SCALE: NTS		DRAWN BY: NB
DATE: MARCH 18, 2005		CHECKED BY: CTC

**Edwards
AND Kelcey**
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CHICAGO, IL 60606
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3/24/2005 4:46:02 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	346
STA. --- TO STA. ---		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
• (1516,1,1717 & 1818) R-8		62694		



- NOTES:
1. FOR WOOD POST INSTALLATION DETAILS, SEE SECTION 730 OF STANDARD SPECIFICATIONS.
 2. ALL ITEMS MARKED BY OTHERS WILL BE INSTALLED UNDER CONTRACT NUMBER 62583.

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 FAX: (312) 251-3015
 WEB: WWW.EKCORP.COM

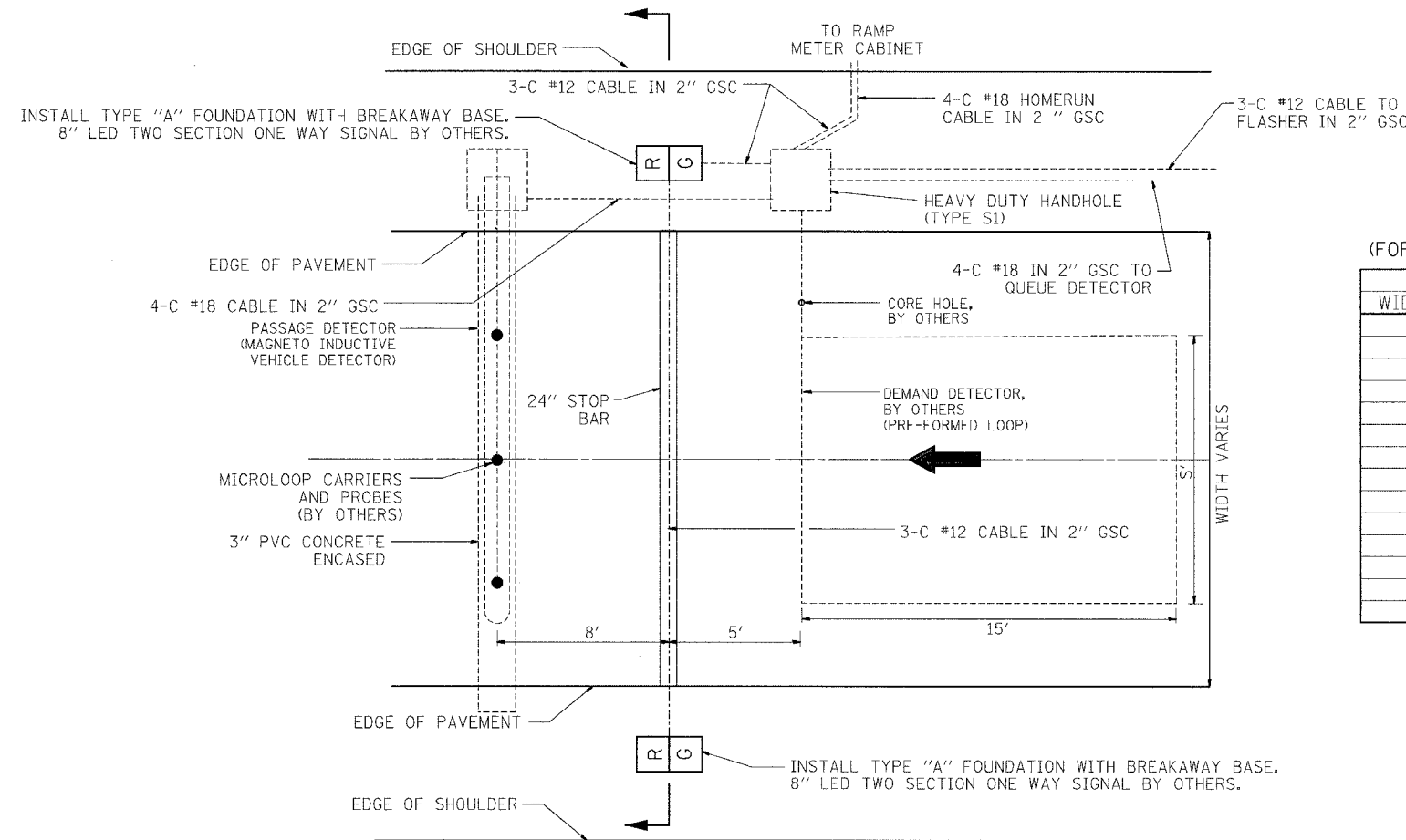
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 17A/EI-112
 WOOD SIGN SUPPORT (SPECIAL)
 SCALE: NTS
 DATE: MARCH 18, 2005
 DRAWN BY: CADD
 CHECKED BY: CTC

3/24/2005 4:46:03 PM

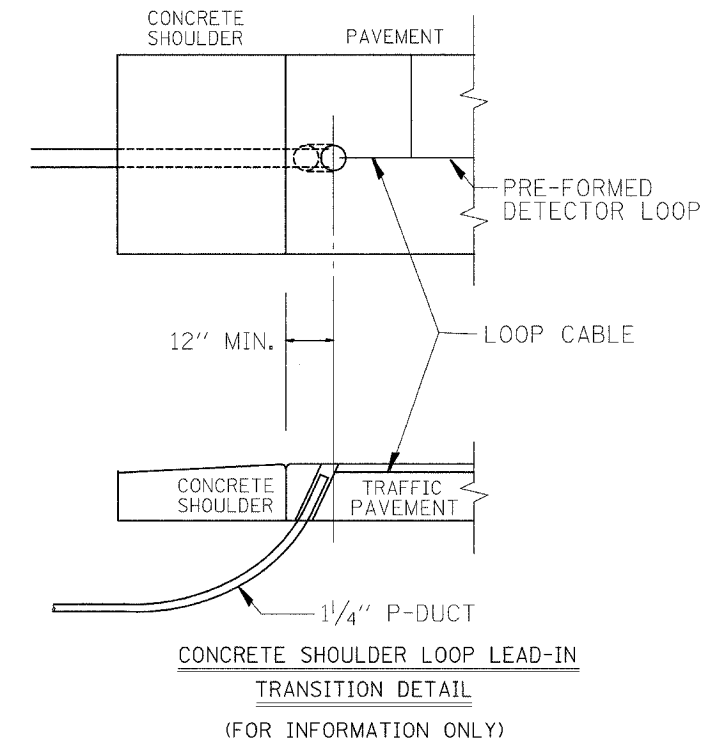
NOTES:

1. ALL CABLES SHOWN ON THIS SHEET ARE INSTALLED BY OTHERS.
2. CONTRACTOR MUST COORDINATE PLACEMENT AND SIZE OF ANCHOR BOLTS WITH IDOT CONTRACT NUMBER 62583.

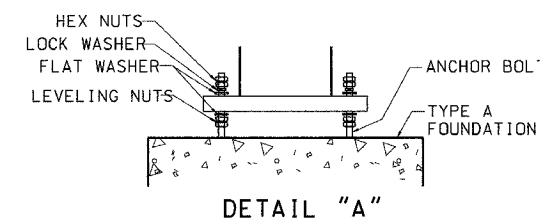
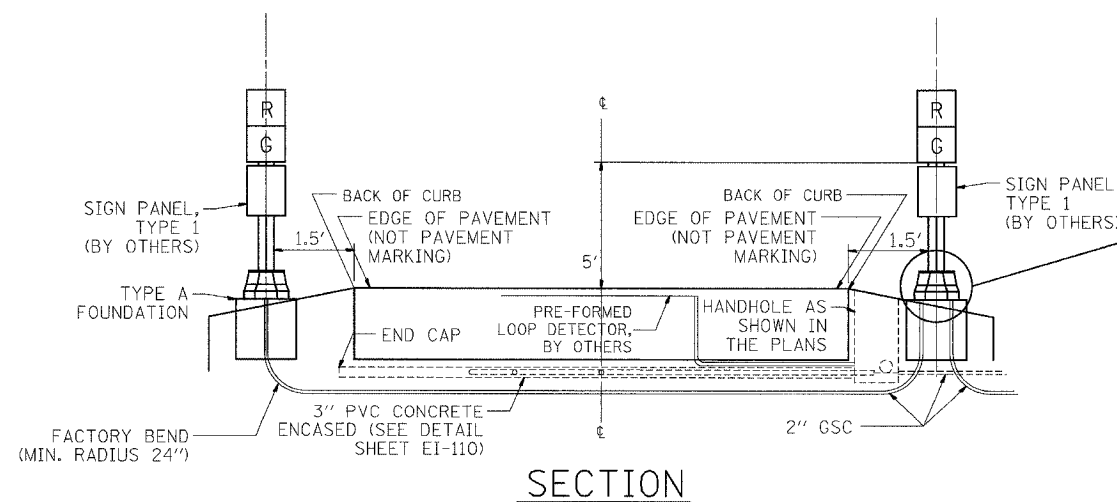


(FOR INFORMATION ONLY)

TABLE 1	
WIDTH (W)	WIDTH (S)
12'	8'
13'	9'
14'	10'
15'	11'
16'	12'
17'	13'
18'	14'
19'	15'
20'	16'
21'	17'
22'	18'
23'	19'
24'	20'
25'	21'



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE I)



TYPICAL BREAKAWAY POLE BASE

REVISIONS	
NAME	DATE

17A/EI-113

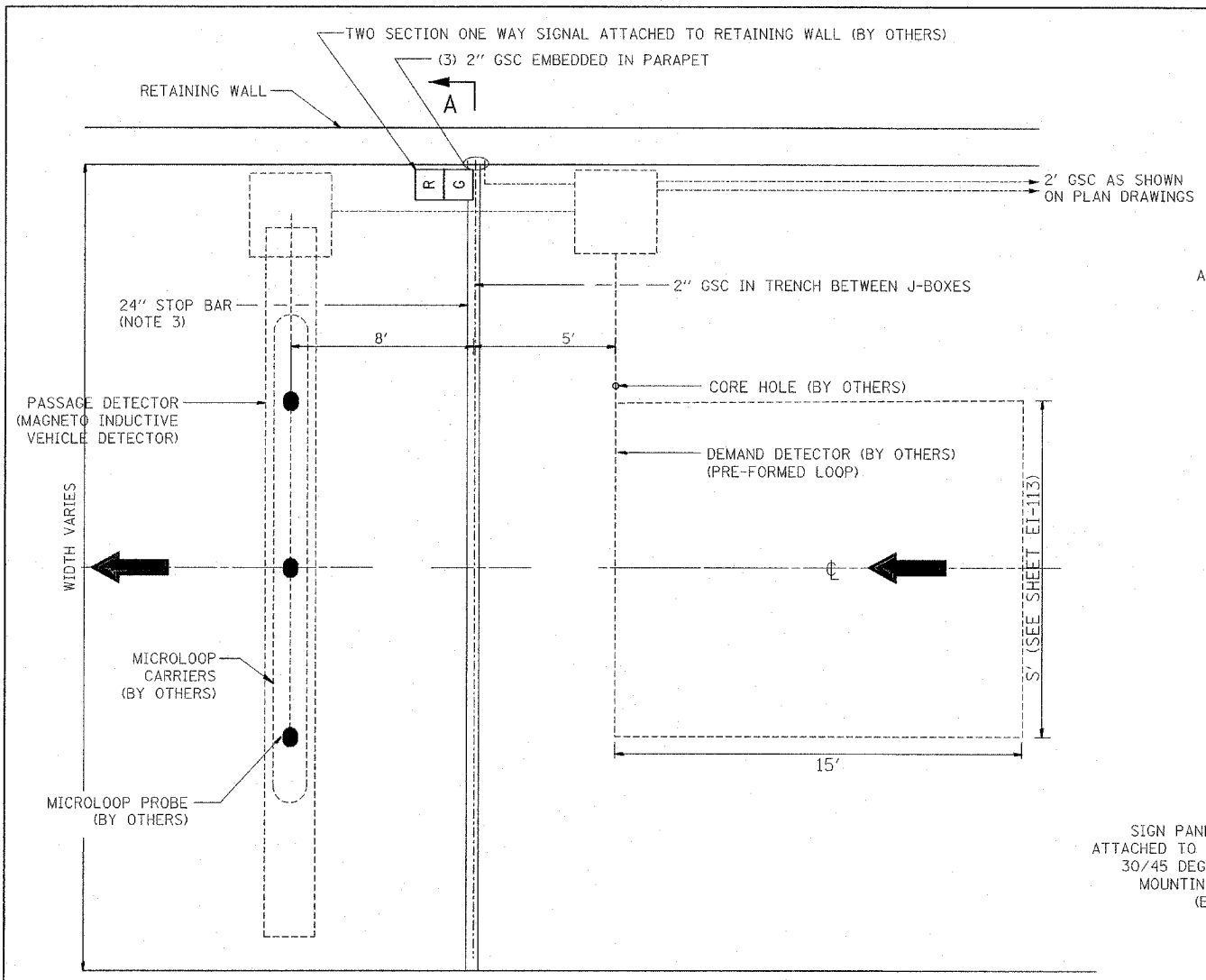
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

**TYPICAL RAMP METERING INSTALLATION
TYPE I (FOR RAMPS WITHOUT CURBS
AND GUTTERS)**

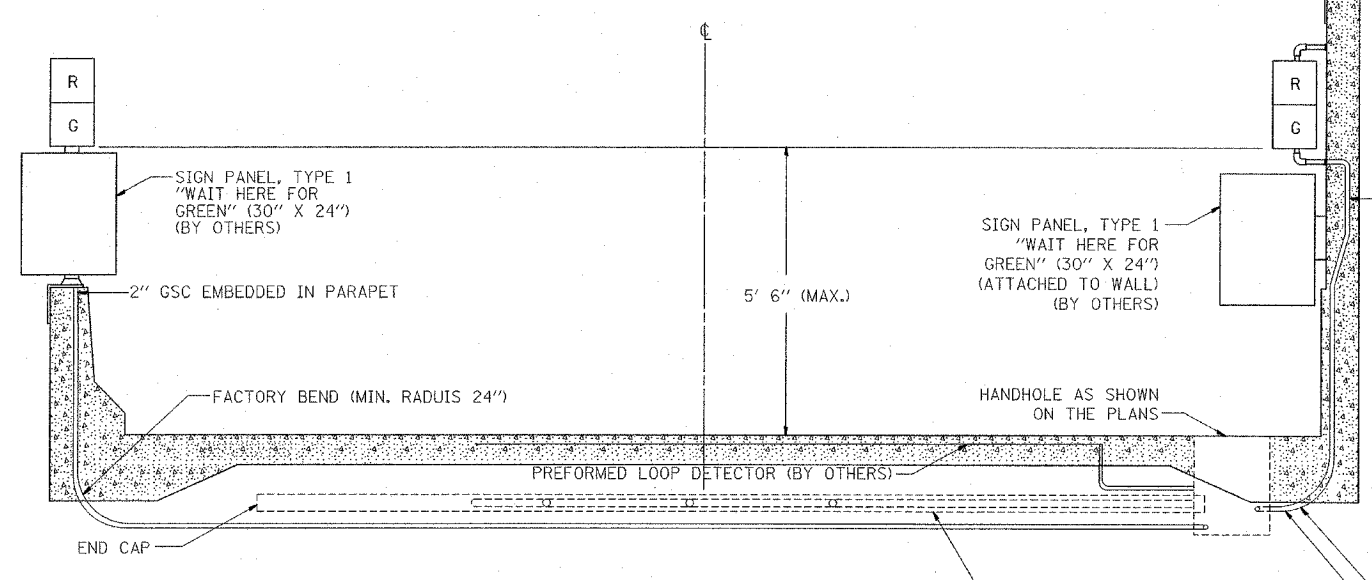
SCALE: NTS
DATE: MARCH 18, 2005

DRAWN BY: NB
CHECKED BY: CTC

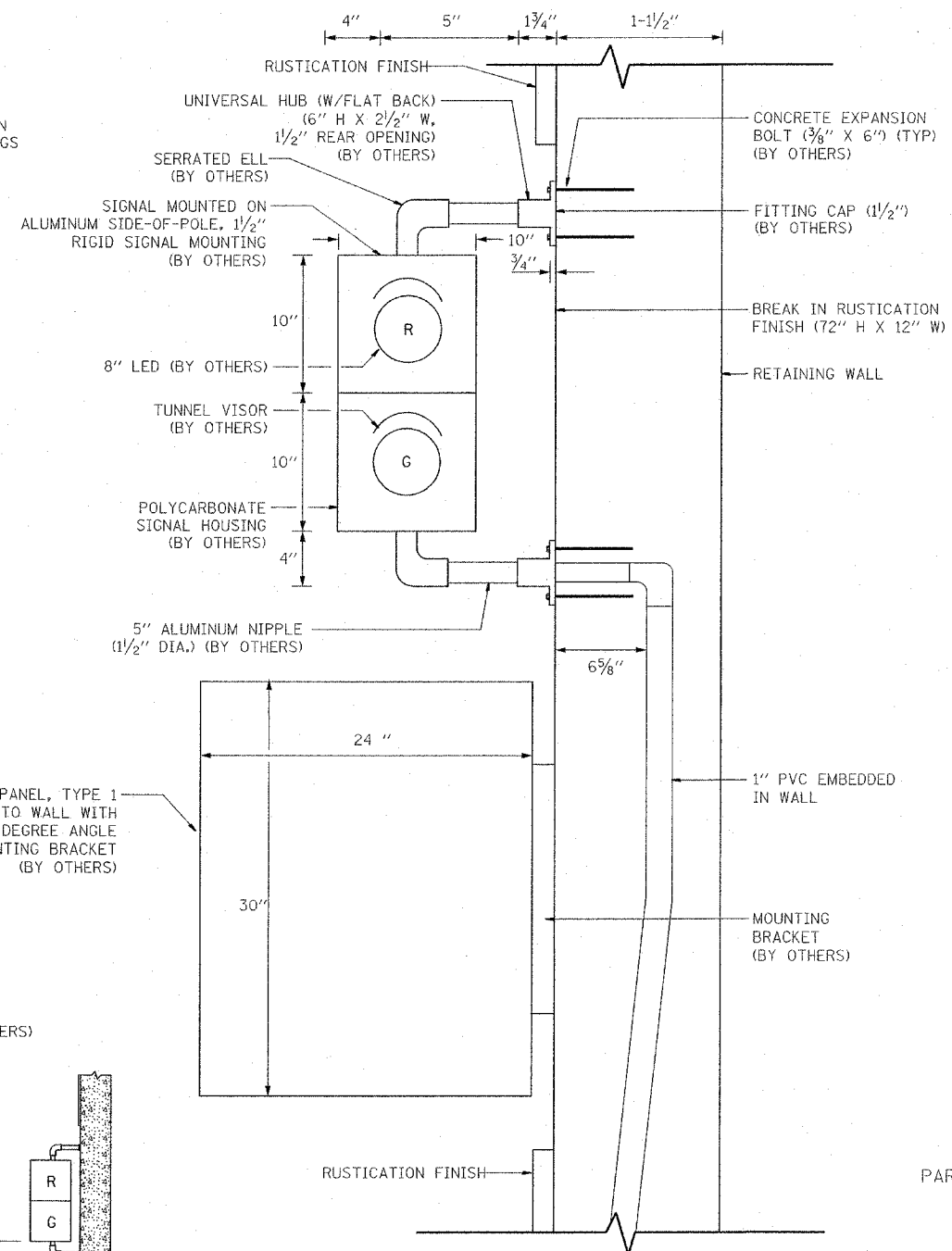
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	348
STA. --- TO STA. ---		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
		• (1516, 1, 1717 & 1818) R-8		



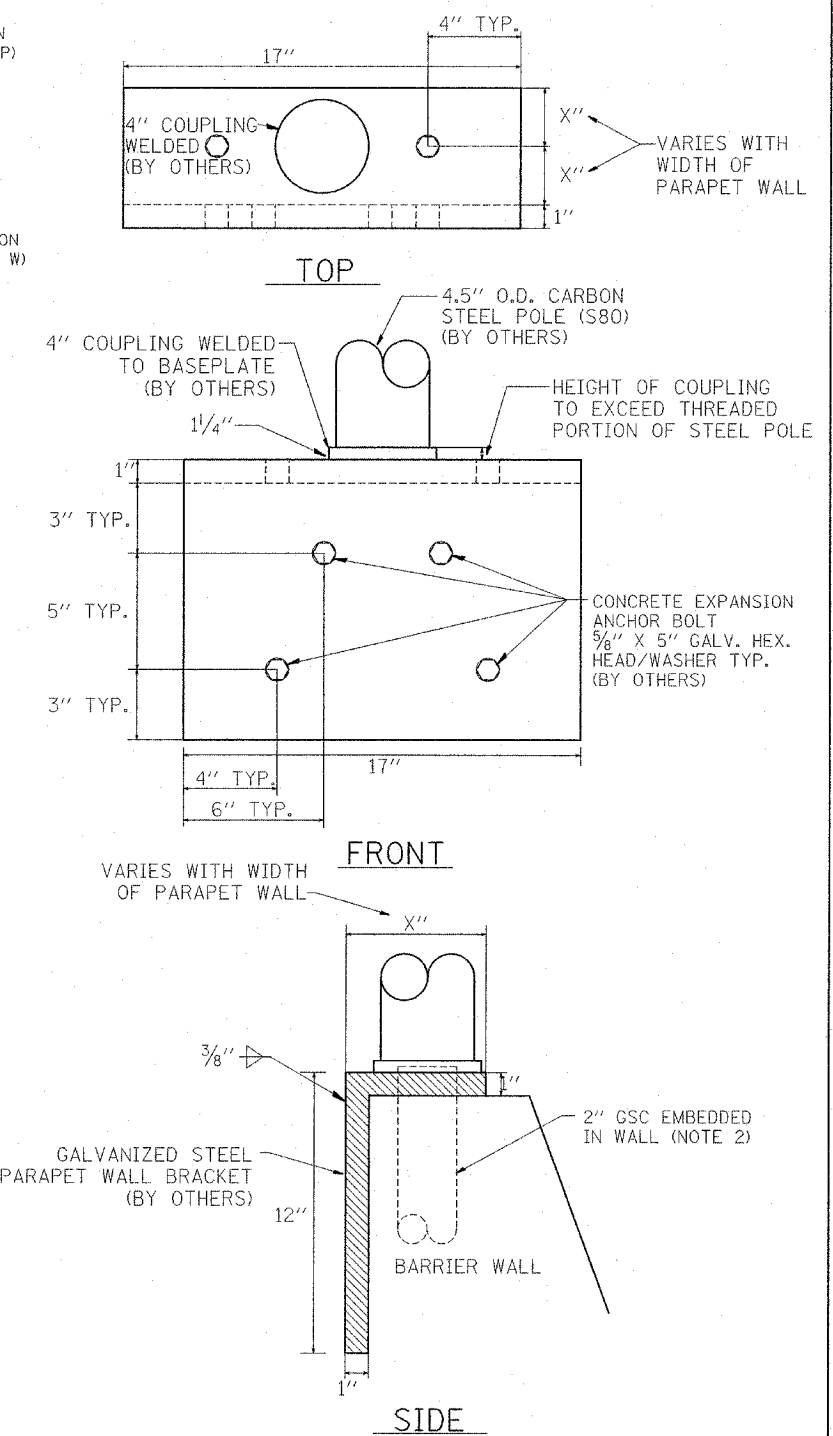
TYPICAL DETECTION LAYOUT



SECTION A-A



SIGNAL & SIGN ATTACHED TO RETAINING WALL



SIGNAL MOUNTED ON PARAPET WALL

- NOTES:
1. CONDUIT AND HANDHOLE MUST BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. ALL CABLES, PROBES, SIGNALS, SIGNS, AND OTHER EQUIPMENT WILL BE FURNISHED AND INSTALLED BY OTHERS UNDER CONTRACT NUMBER 62583.
 2. CONDUIT MUST BE STUBBED OUT OF CONCRETE A MINIMUM OF 3".
 3. CENTERLINE OF STOP BAR AND TRAFFIC SIGNALS SHALL BE LOCATED AT THE STATION SHOWN ON THE PLANS.

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 CHICAGO, IL 60606
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NAME	DATE	
REVISED	4/15/05	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

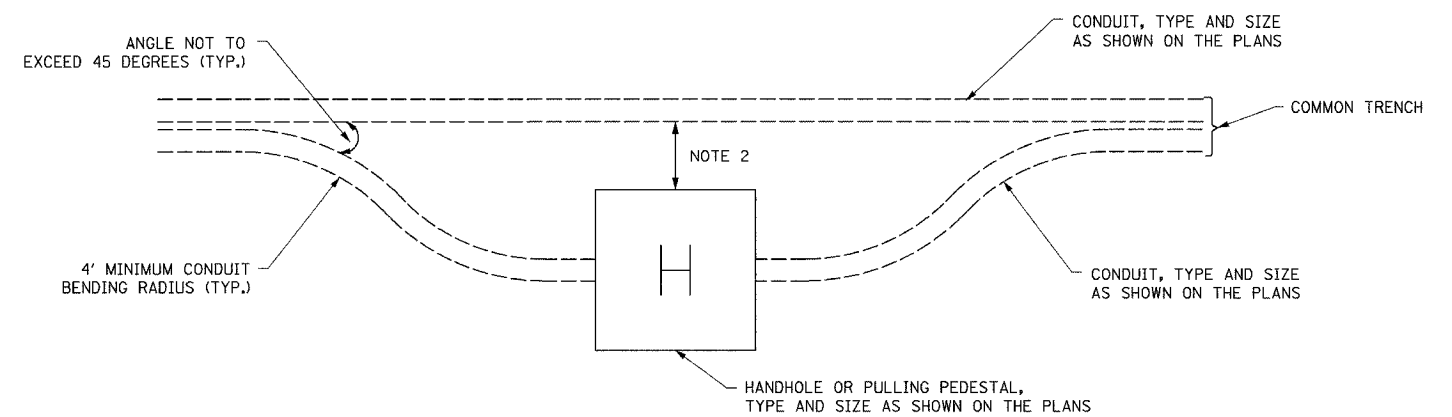
TYPICAL RAMP METERING BARRIER WALL AND RETAINING WALL INSTALLATION

SCALE: NTS
 DATE: MARCH 18, 2005

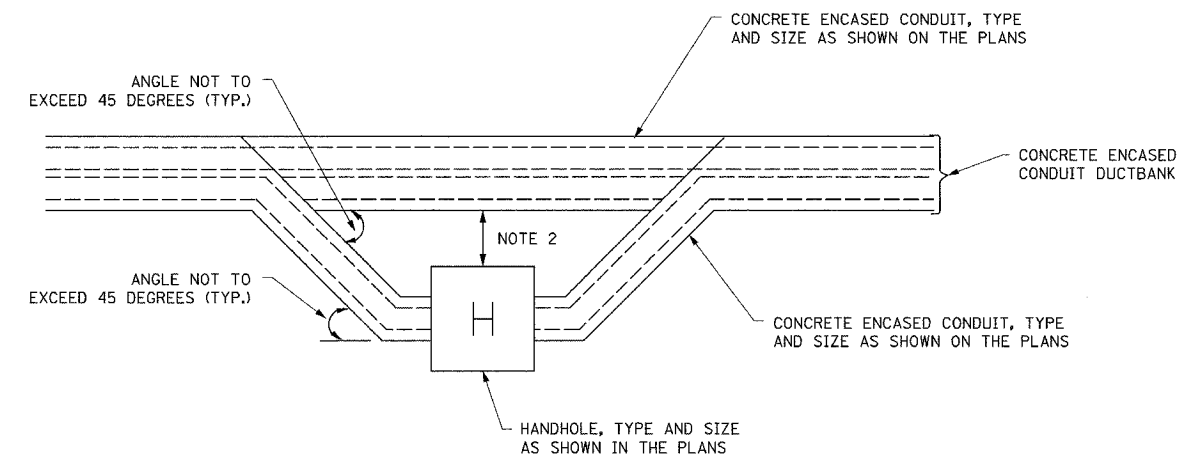
DRAWN BY: NB
 CHECKED BY: CTC

17A/EI-114

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CONDUIT (IN TRENCH) ROUTING AROUND HANDHOLE OR PULLING PEDESTAL (TYPICAL)



CONDUIT DUCTBANK ROUTING AROUND HANDHOLE (TYPICAL)

NOTES:

1. FOR HANDHOLE DETAIL, SEE DETAIL E1-106.
2. CONDUIT SHALL BE INSTALLED BYPASSING HANDHOLE/PULLING PEDESTAL SO THAT IT DOES NOT COMPROMISE THE STRUCTURAL INTEGRITY OF EITHER THE CONDUIT OR THE HANDHOLE/PULLING PEDESTAL.

17A/EI-116

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

COMMUNICATIONS CONDUIT ROUTING DETAIL

SCALE: NTS
DATE: MARCH 18, 2005

DRAWN BY: NB
CHECKED BY: CTC

Edwards AND Kelcey
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

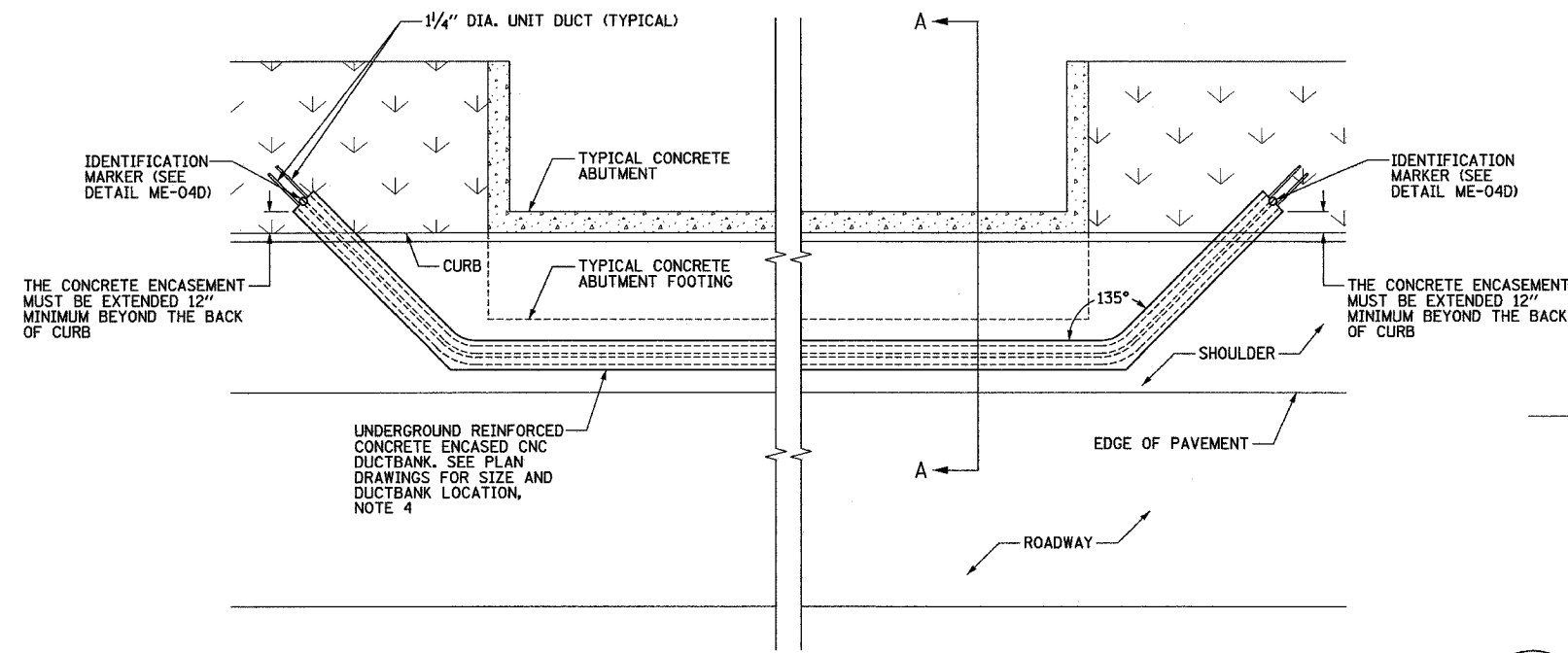
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	860	350
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* (1516.1, 1717 & 1818) R-8				

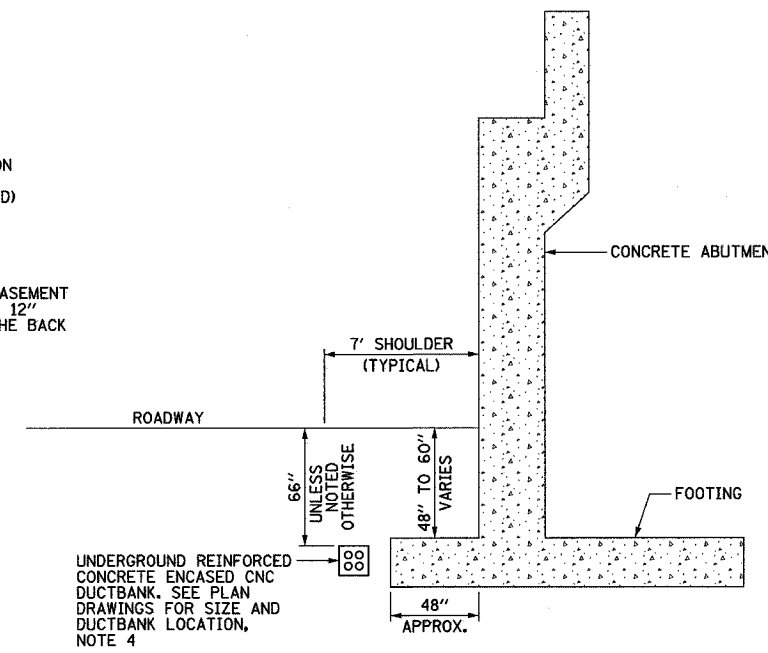
62694

NOTES:

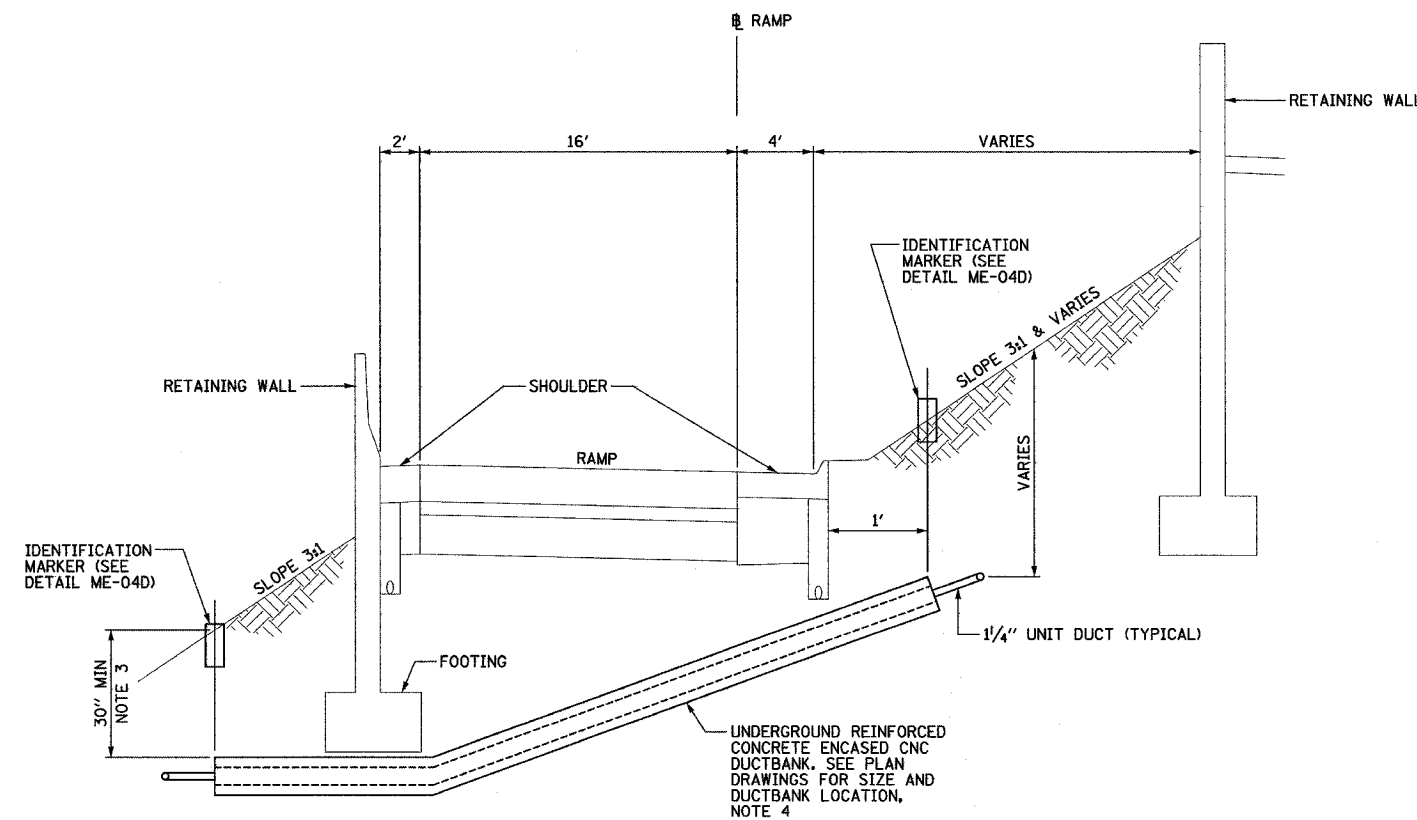
1. SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE PLAN DRAWINGS FOR THE PROPOSED CONDUIT ROUTING.
3. DUCTBANK DEPTH MUST BE ADJUSTED SUCH THAT THE TOP OF CONCRETE ENCASEMENT IS INSTALLED UNDER THE RETAINING WALL FOOTING. THE DUCTBANK DEPTH MUST BE 30 INCHES MINIMUM.
4. SEE DRAWING ME-11 FOR ELECTRICAL CONCRETE DUCTBANK DETAILS.
5. SEE PLAN DRAWINGS FOR ANY DEVIATIONS IN DUCTBANK DEPTH.



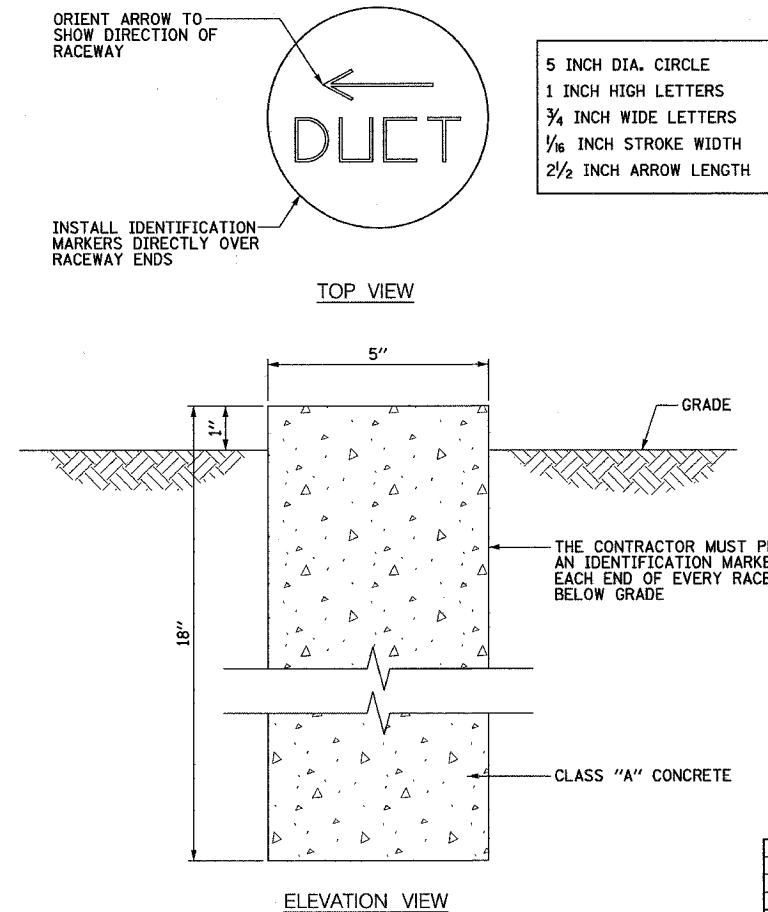
ME-04A DUCTBANK ROUTING AROUND ABUTMENT
SCALE: 1/4" = 1'-0"
DETAIL FOR REFERENCE ONLY, NOT INCLUDED IN THIS CONTRACT



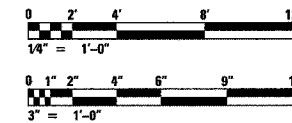
ME-04B DUCTBANK INSTALLATION DETAIL A-A
SCALE: 1/4" = 1'-0"
DETAIL FOR REFERENCE ONLY, NOT INCLUDED IN THIS CONTRACT



ME-04C TYPICAL CONCRETE ENCASED CNC UNDER RAMP INSTALLATION DETAIL
NOT TO SCALE

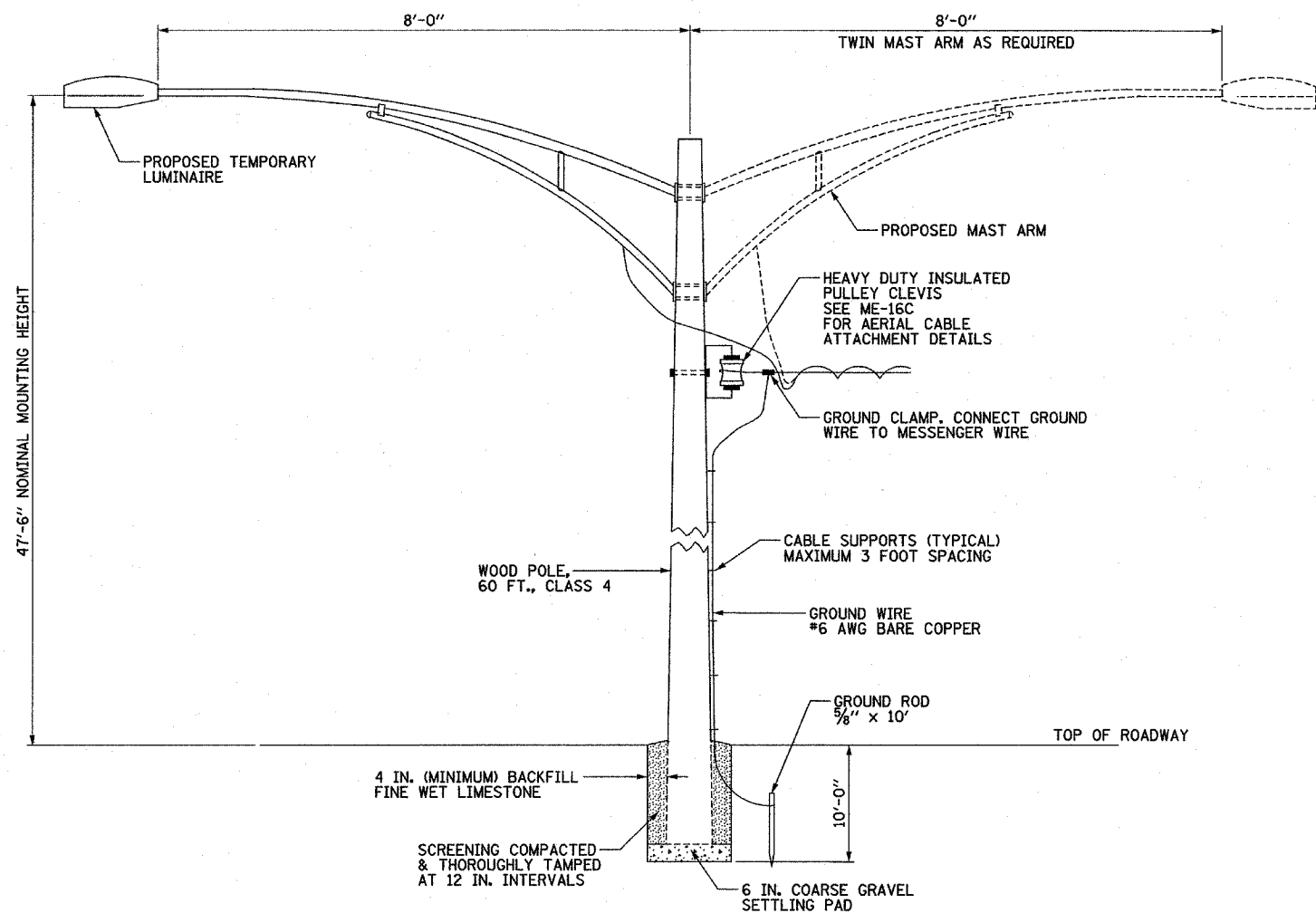


ME-04D IDENTIFICATION MARKER DETAIL
SCALE: 3" = 1'-0"

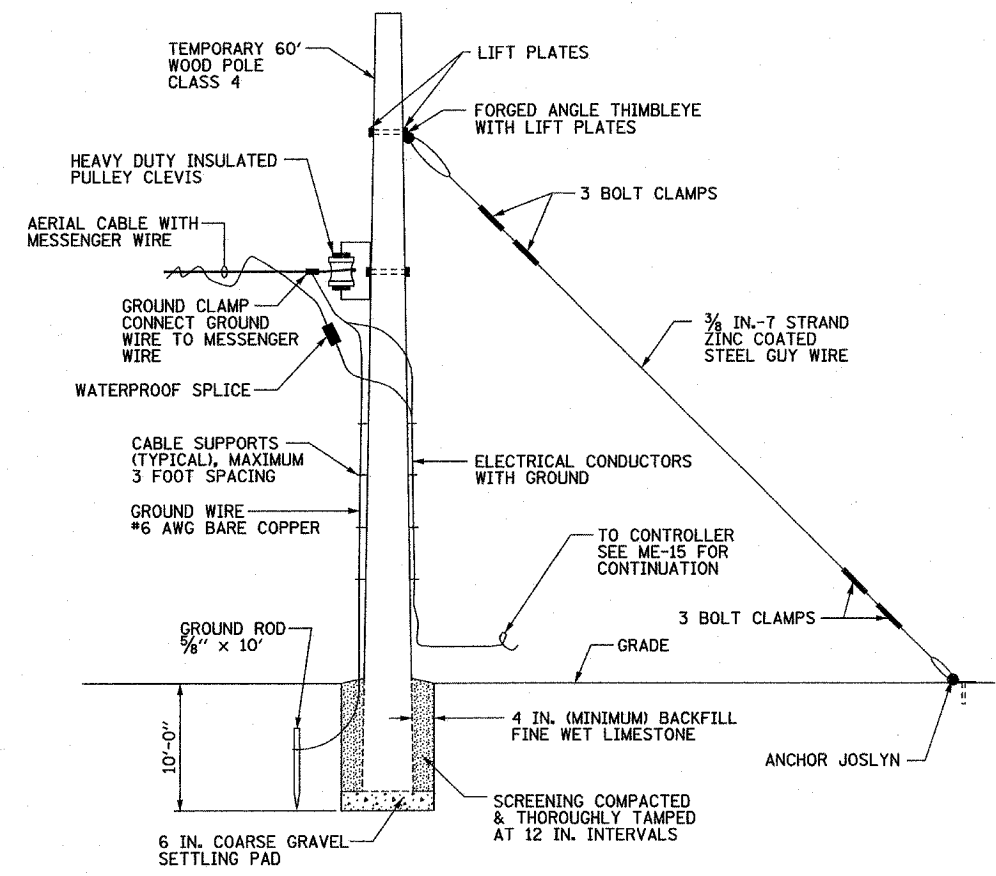


17A/ME-04

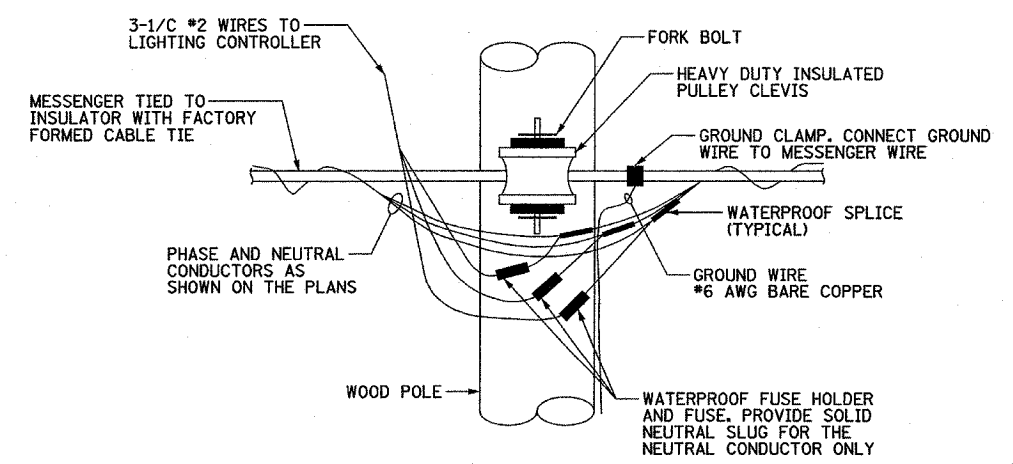
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
NAME	DATE	
		DUCTBANK INSTALLATION DETAILS UNDER RAMPS AND AROUND ABUTMENTS SCALE: AS SHOWN DRAWN BY: CJM DATE: MARCH 18, 2005 CHECKED BY: WDS



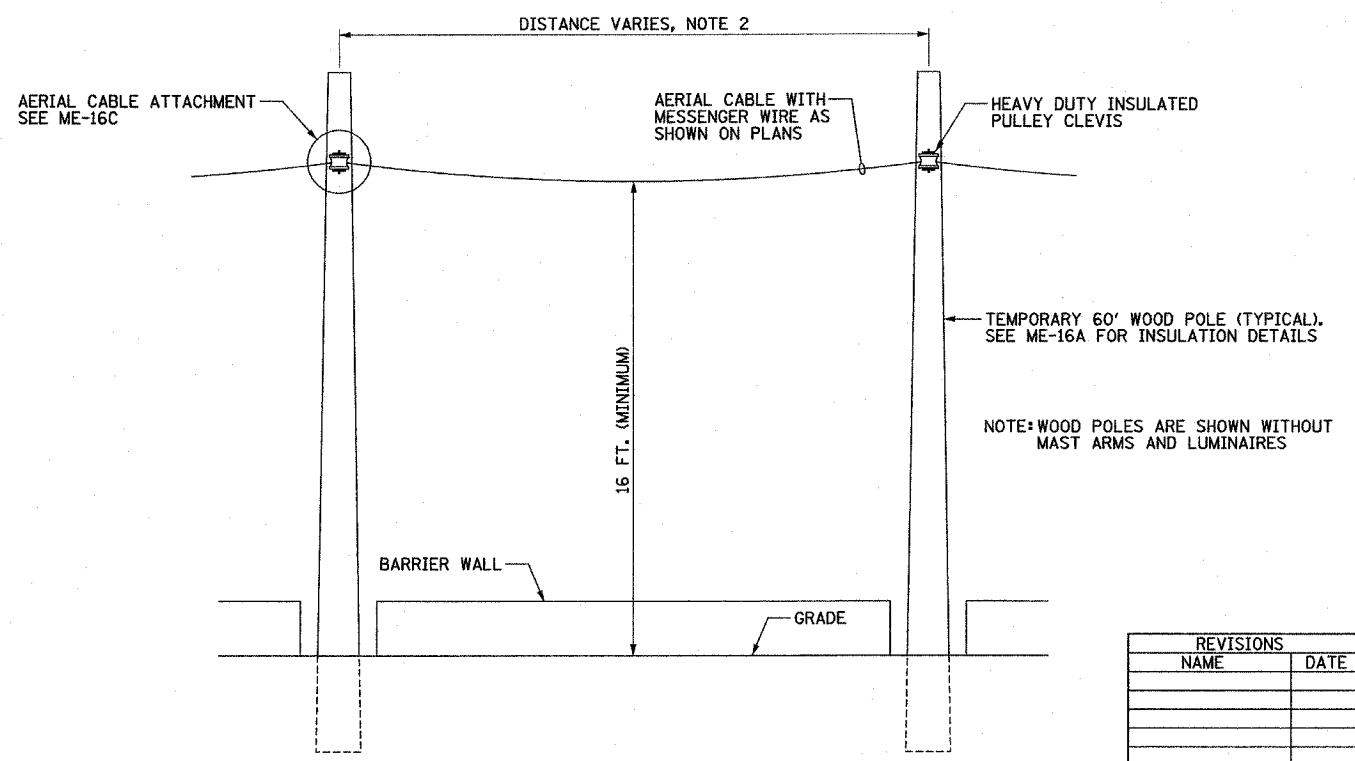
ME-16A TEMPORARY LIGHTING UNIT INSTALLATION DETAIL
WOOD POLE INSTALLATION IS SIMILAR
NOT TO SCALE



ME-16B TEMPORARY WOOD END POLE INSTALLATION DETAILS
NOT TO SCALE



ME-16C TEMPORARY WOOD END POLE
AERIAL CABLE ATTACHMENT DETAIL
NOT TO SCALE

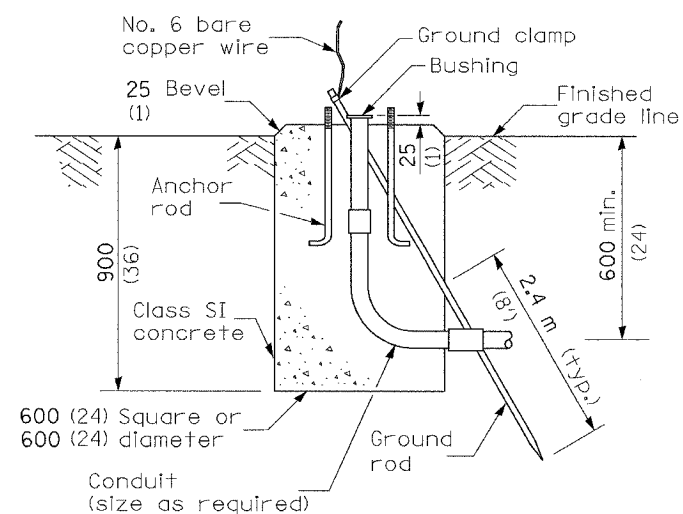


ME-16D AERIAL CABLE INSTALLATION DETAIL
NOT TO SCALE

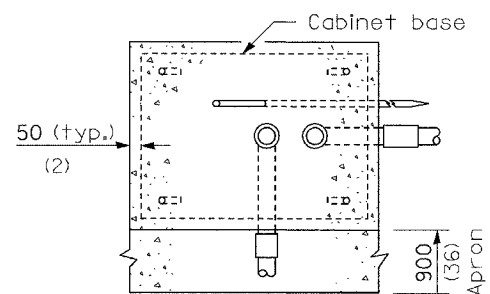
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
**TEMPORARY ROADWAY LIGHTING
WOOD POLE DETAILS**
SCALE: NOT TO SCALE DRAWN BY: CJM
DATE: MARCH 18, 2005 CHECKED BY: WDS

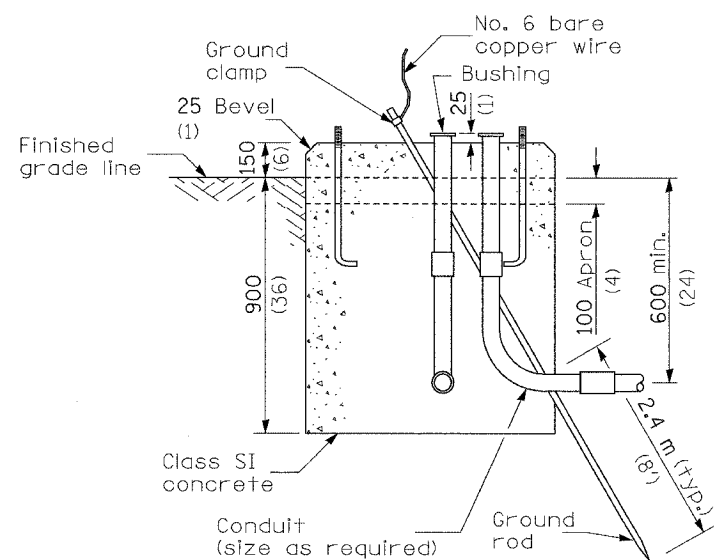
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	86	351
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
(1516.1, 1717 & 1818) R-8		62694		



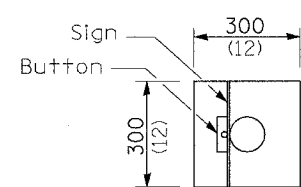
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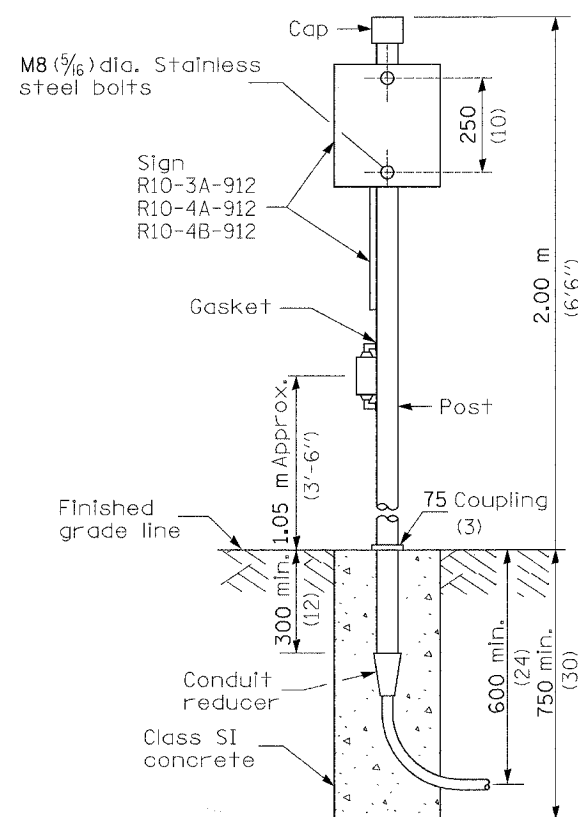
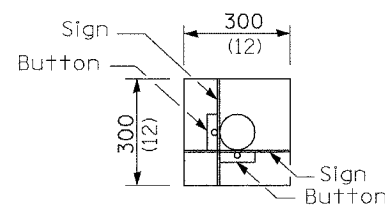
TOP VIEW



TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET



TOP VIEW
TYPICAL ONE BUTTON INSTALLATION



PEDESTRIAN PUSH BUTTON
POST INSTALLATION

17A/STANDARD 878001-02
SHEET 1 OF 2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

CONCRETE FOUNDATION DETAILS

SCALE:
DATE: MARCH 18, 2005

DRAWN BY:
CHECKED BY:

**Edwards
AND Kelcey**
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

J:\NFS\contract\17a_details\stand_detail.rvt

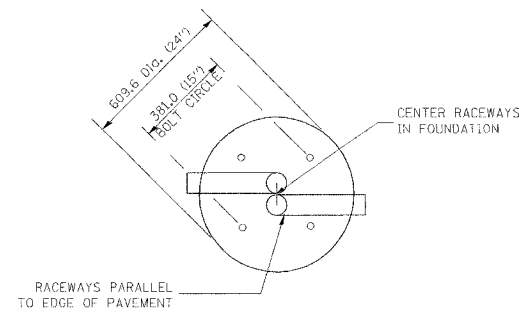
3/24/2005 4:46:05 PM

F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			860	353
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

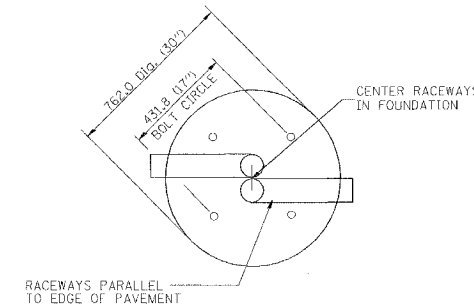
62694

LIGHT POLE FOUNDATION DEPTH TABLE
12.192M (40 FT.) TO 14.478M (47.5 FT.) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	3.96M (13'-0")	4.57M (15'-0")
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	2.09M (9'-6")	3.23M (10'-9")
STIFF CLAY Qu = 1.50 TON/SQ. FT.	2.13M (7'-0")	2.44M (8'-0")
LOOSE SAND φ = 34°	2.74M (9'-0")	3.05M (10'-0")
MEDIUM SAND φ = 37.5°	2.52M (8'-3")	2.74M (9'-0")
DENSE SAND φ = 40°	2.36M (7'-9")	2.74M (9'-0")



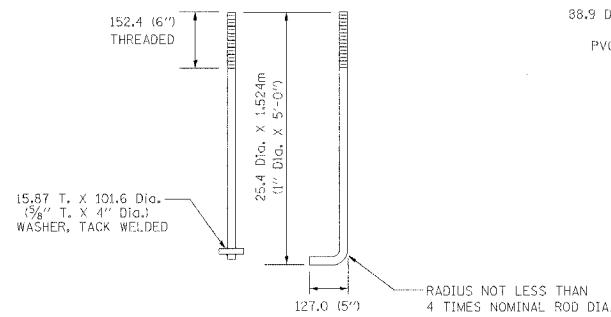
TOP VIEW



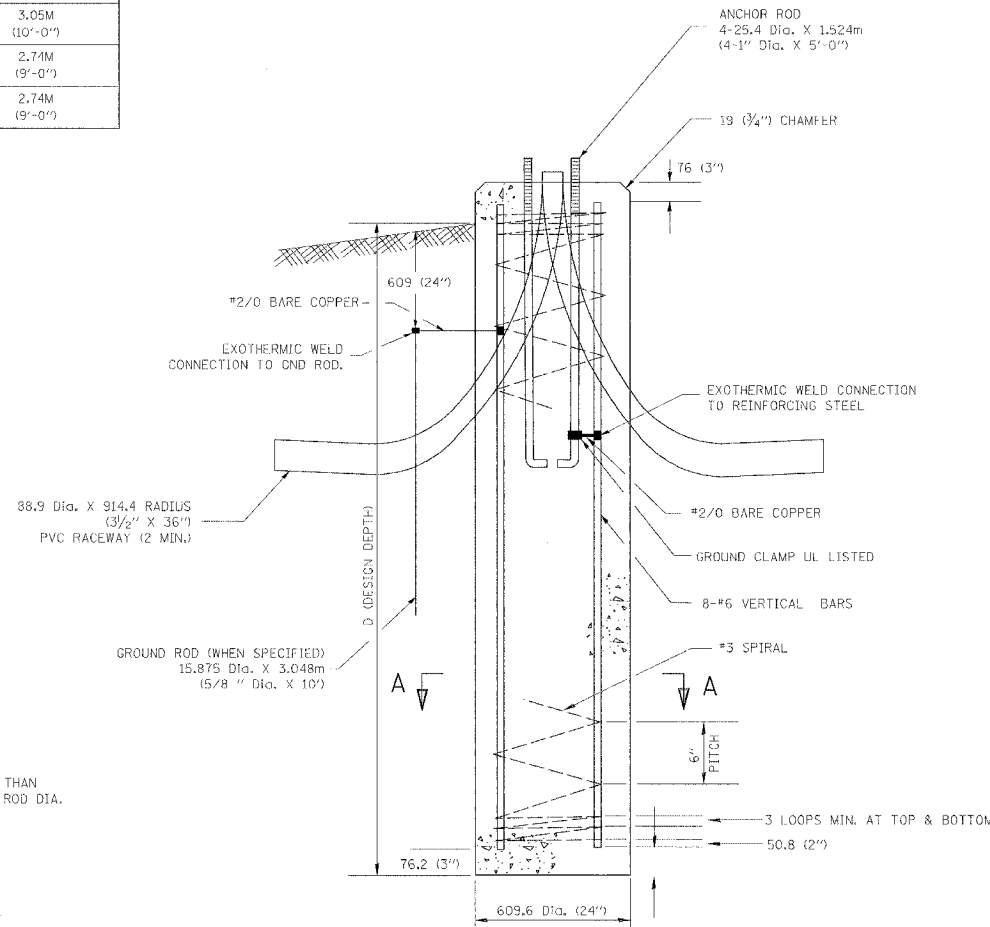
TOP VIEW

NOTES

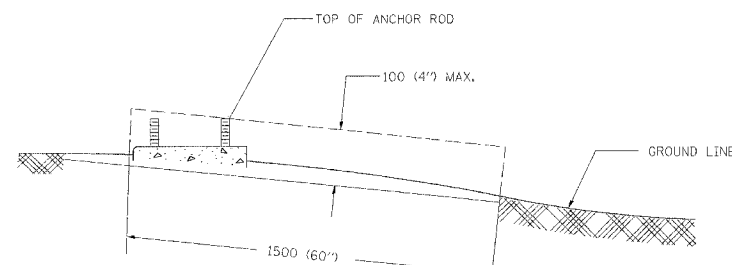
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 15M (60 IN.) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 20MM (3/4-IN.).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 4H, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 (6.16 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 150 MM (6 INCHES) WITH A MINIMUM OF 75 MM (3 INCHES) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 63.5MM (2 3/4") ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 152.4MM (6") PITCH OR MAY SUBSTITUTE #3 TIES AT 304.8MM (12") O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 25.4MM (1") ABOVE THE TOP OF THE FOUNDATION.



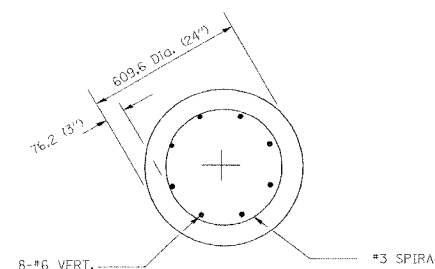
ANCHOR ROD DETAIL



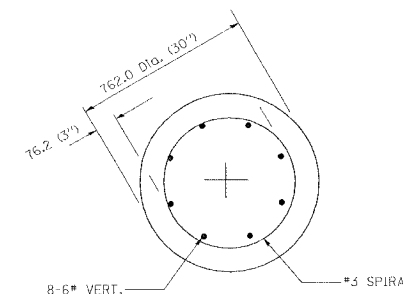
FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A



SECTION A-A

REVISIONS	
NAME	DATE

E-301
ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHT POLE FOUNDATION
12.192M (40') TO 14.478M (47 1/2') M.H.
381 (15") BOLT CIRCLE

SCALE: NONE
DATE 10/18/2002

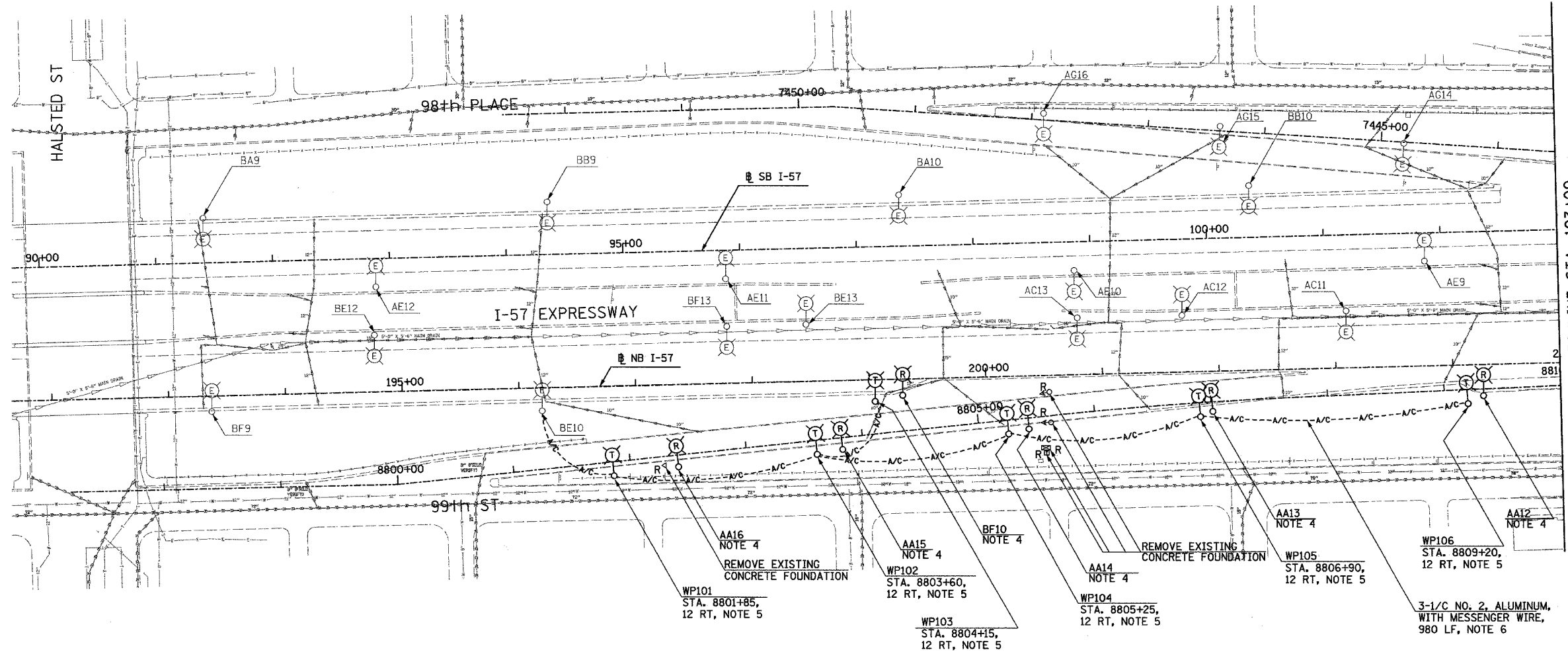
DRAWN BY JKM
CHECKED BY BE301
REVISION DATE: 04/22/02

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	354
STA.	90+00	TO STA.	103+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* (1516.1, 1717 & 1818) R-8			62694	

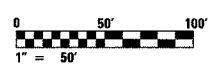


NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- ROADWAY LIGHT POLES AND TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR SIX LIGHTING AND FIVE TRAFFIC SIGNAL FOUNDATIONS ON THIS SHEET.
- PROVIDE TEMPORARY LIGHTING UNIT INCLUDING 60 FOOT WOOD POLE, 15' MAST ARM, 310 WATT HPS LUMINAIRE.
- REFER SHEET ME-16 FOR TEMPORARY AERIAL CABLE CONNECTION.



MATCHLINE STA. 103+00
SEE SHEET EL-02



17A/EL-01

REVISIONS	
NAME	DATE
REVISOR	4/15/05
REVISOR	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 18, 2005 CHECKED BY: TM

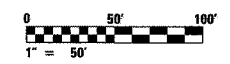
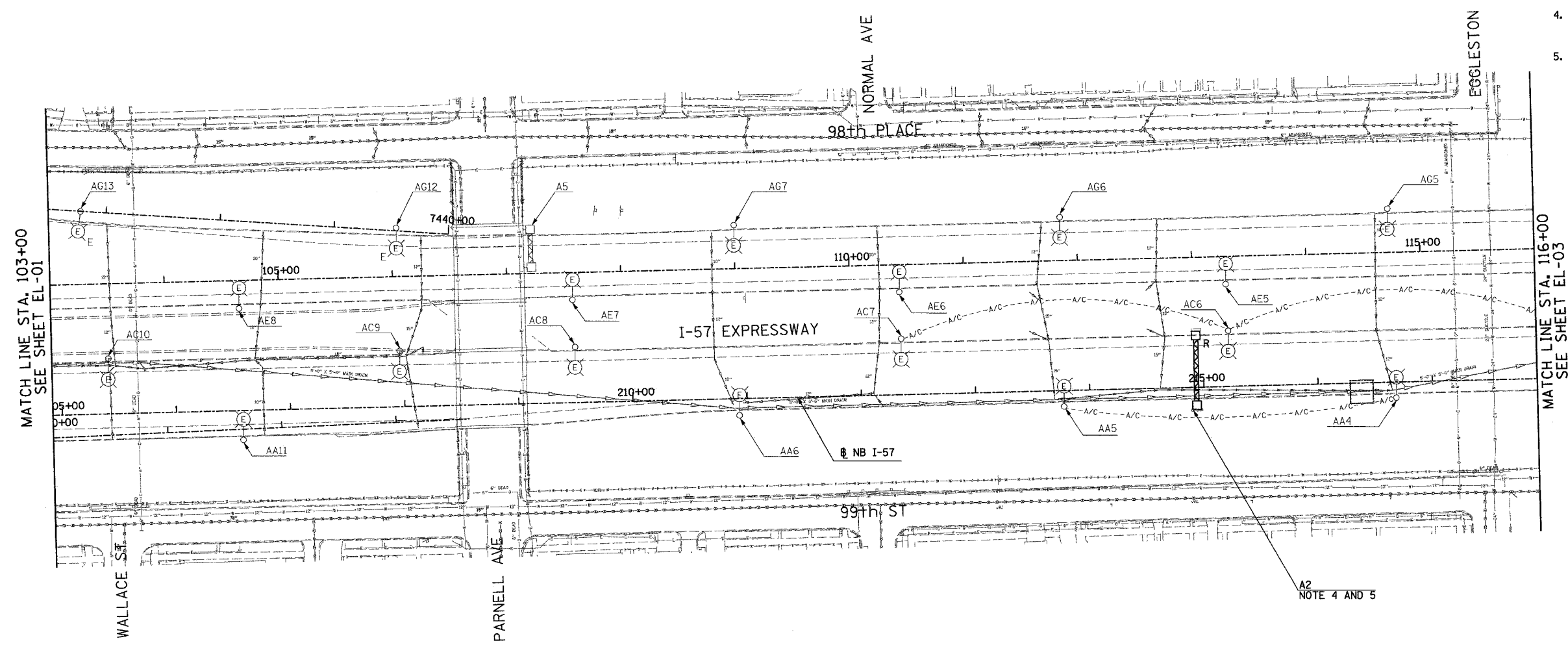
SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

5/15/2005 2:00:03 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	355
STA. 103+00		TO STA. 116+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8				62694

- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - SIGN TO BE DISCONNECTED UNDER SEPARATE CONTRACT. SIGN LUMINAIRES REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
 - SIGN A2 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN A4 IS INSTALLED AND OPERATIONAL. SIGN A4 IS WIRED UNDER CONTRACT 62583.



17A/EL-02

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS, TEMPORARY
 AND DEMOLITION
 SCALE: 1"=50'
 DATE: MARCH 18, 2005
 DRAWN BY: VK
 CHECKED BY: TM

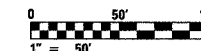
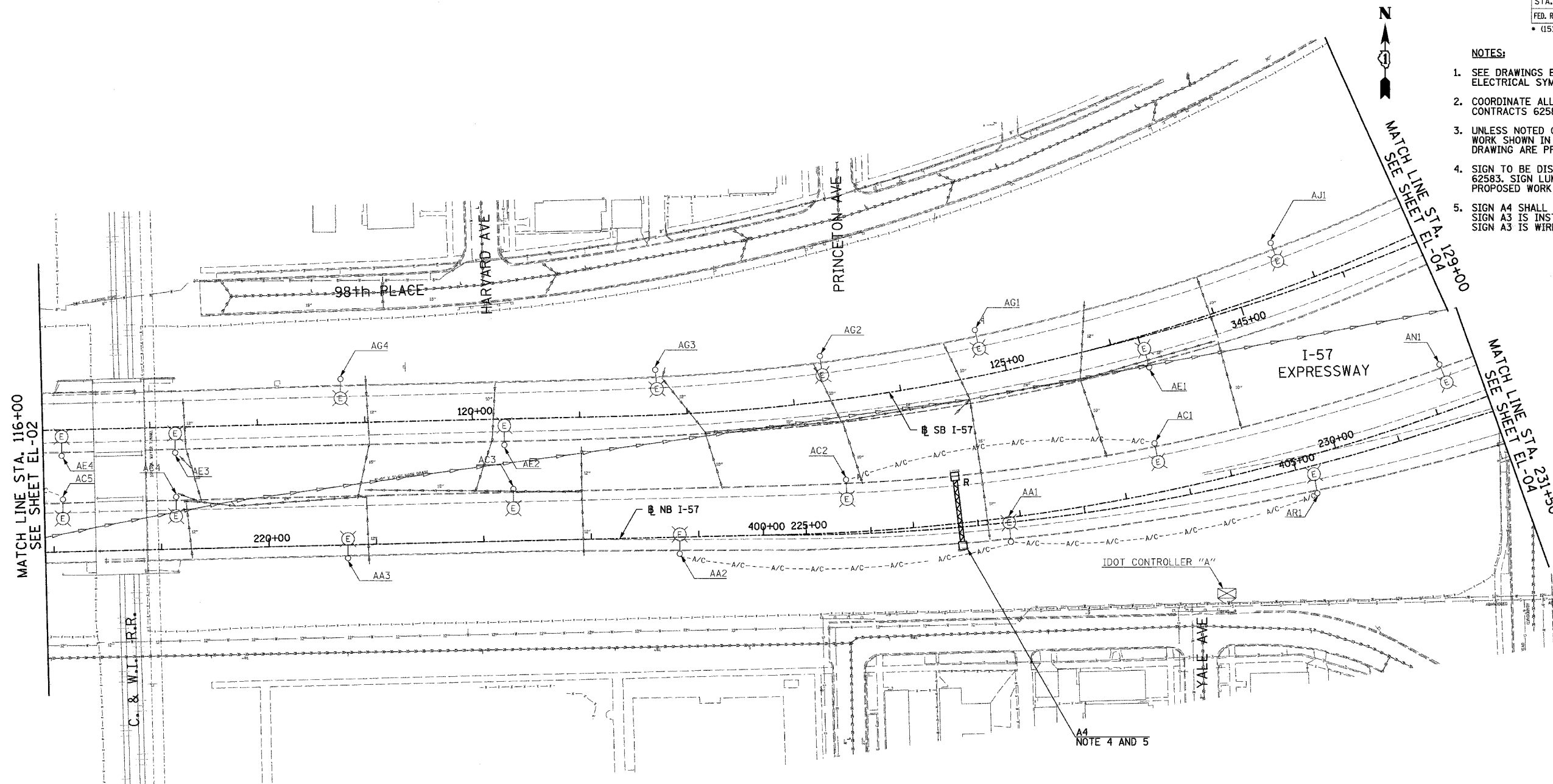
SINGH
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 300 W. ADAMS ST.
 CHICAGO, IL 60606
 TEL: (312) 629-0240
 FAX: (312) 629-8449

5/5/2005 2:30:07 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	356
STA. 116+00	TO STA. 129+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
(1516.1, 1717 & 1818) R-8			62694	

NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRES REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
- SIGN A4 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN A3 IS INSTALLED AND OPERATIONAL. SIGN A3 IS WIRED UNDER CONTRACT 62583.



17A/EL-03

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

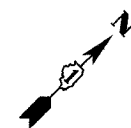
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CHECKED BY: TM

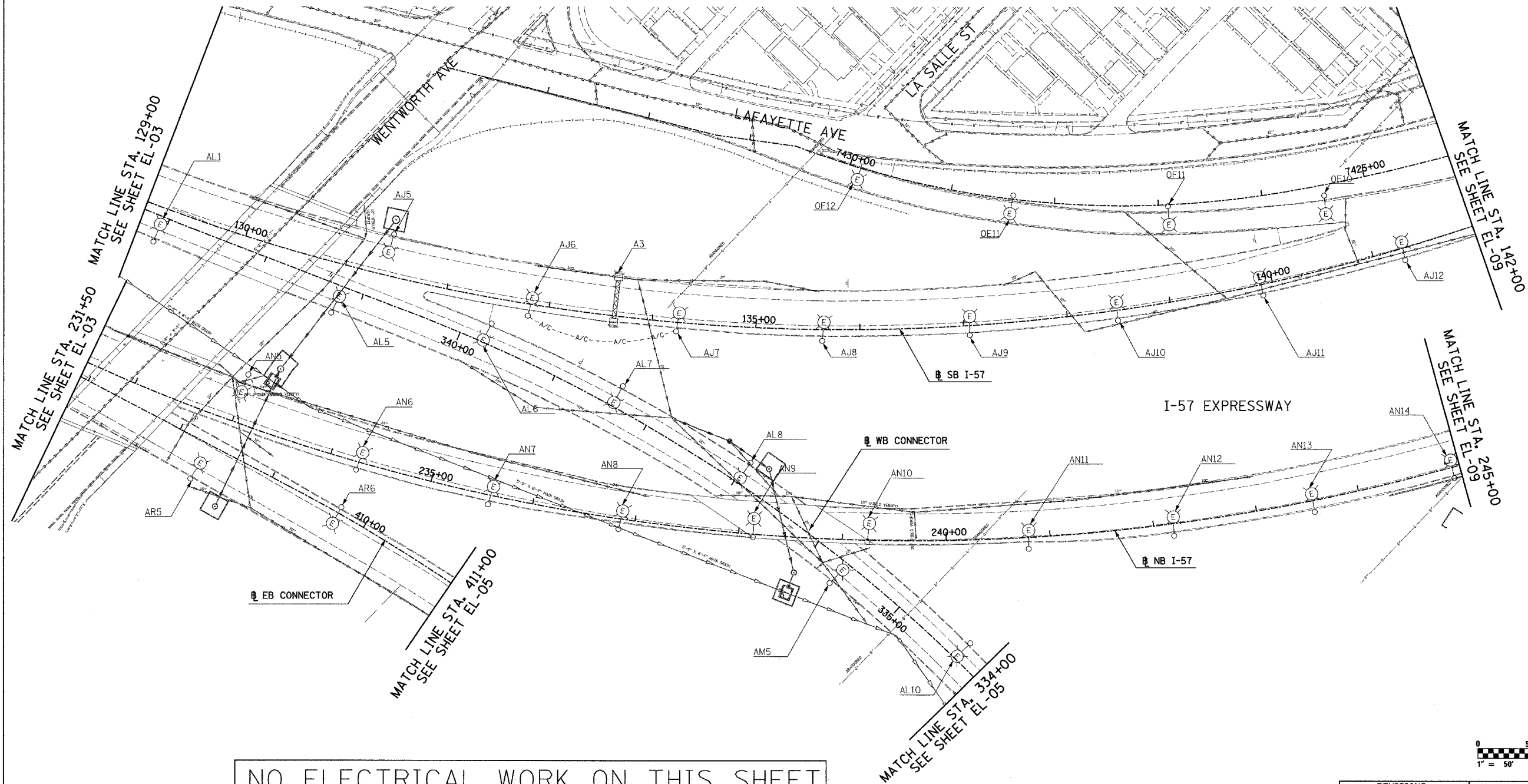
SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
CONSULTING ENGINEERS FAX: (312) 629-8449

5/5/2005 2:53:07 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	357
STA. 129+00	TO STA. 142+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* (1516,1,1717 & 1818) R-8			62694	



NOTES:
 1. SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET FOR REFERENCE ONLY

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17A/EL-04

REVISIONS	
NAME	DATE
REVISED	5/06/05

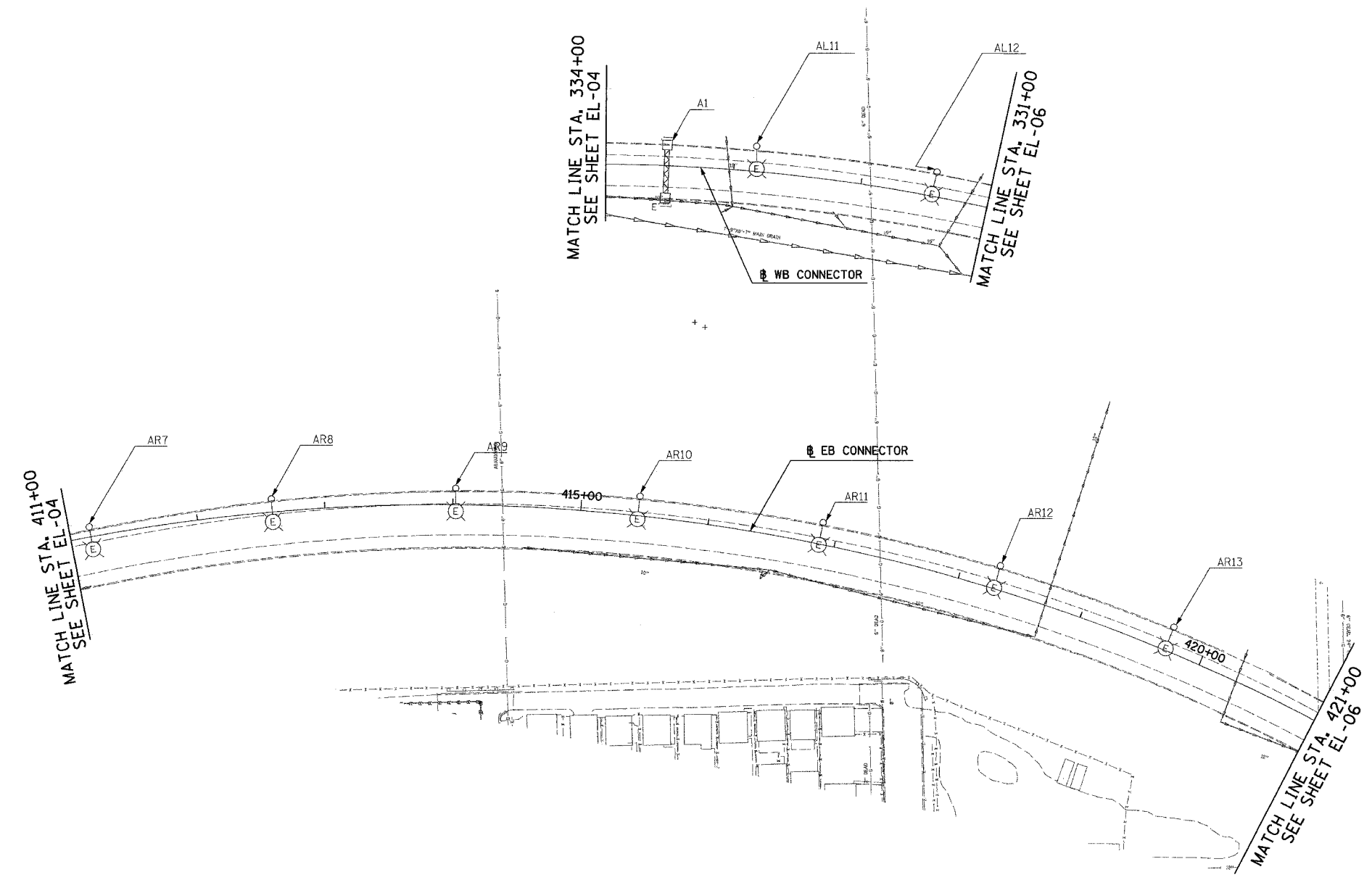
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS, TEMPORARY
 AND DEMOLITION
 SCALE: 1"=50'
 DATE: MARCH 18, 2005
 DRAWN BY: VK
 CHECKED BY: TM

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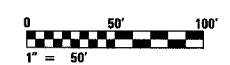
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	358
STA. 411+00		TO STA. 421+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY



17A/EL-05

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300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

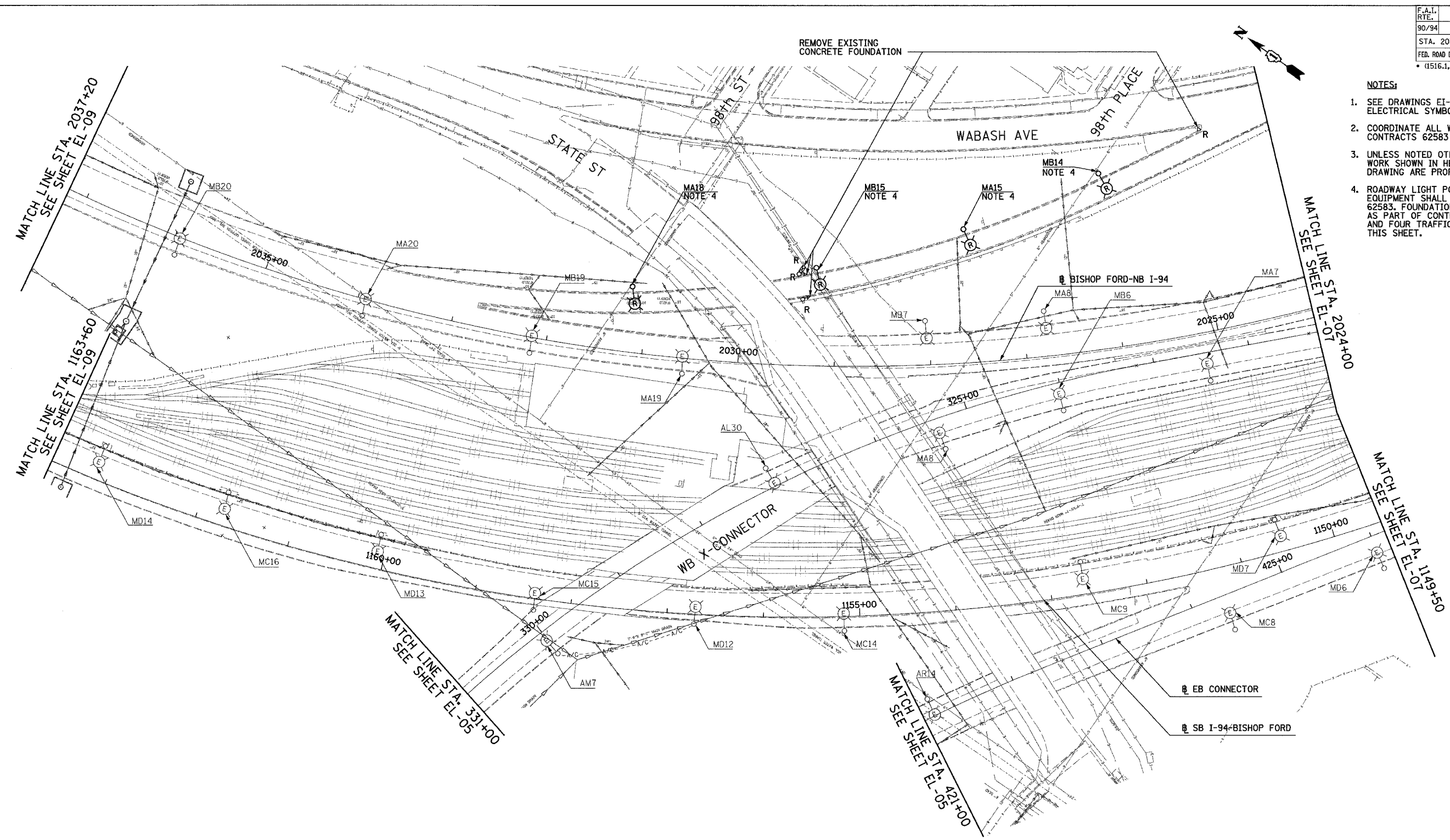
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DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	359
STA. 2037+20		TO STA. 2024+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(1516.1,1717 & 1818) R-8		62694		

- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - ROADWAY LIGHT POLES AND TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR FOUR LIGHTING AND FOUR TRAFFIC SIGNAL FOUNDATIONS ON THIS SHEET.



17A/EL-06

REVISIONS		
REVISED	NAME	DATE
		5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS, TEMPORARY
 AND DEMOLITION
 SCALE: 1"=50'
 DATE: MARCH 18, 2005
 DRAWN BY: VK
 CHECKED BY: TM

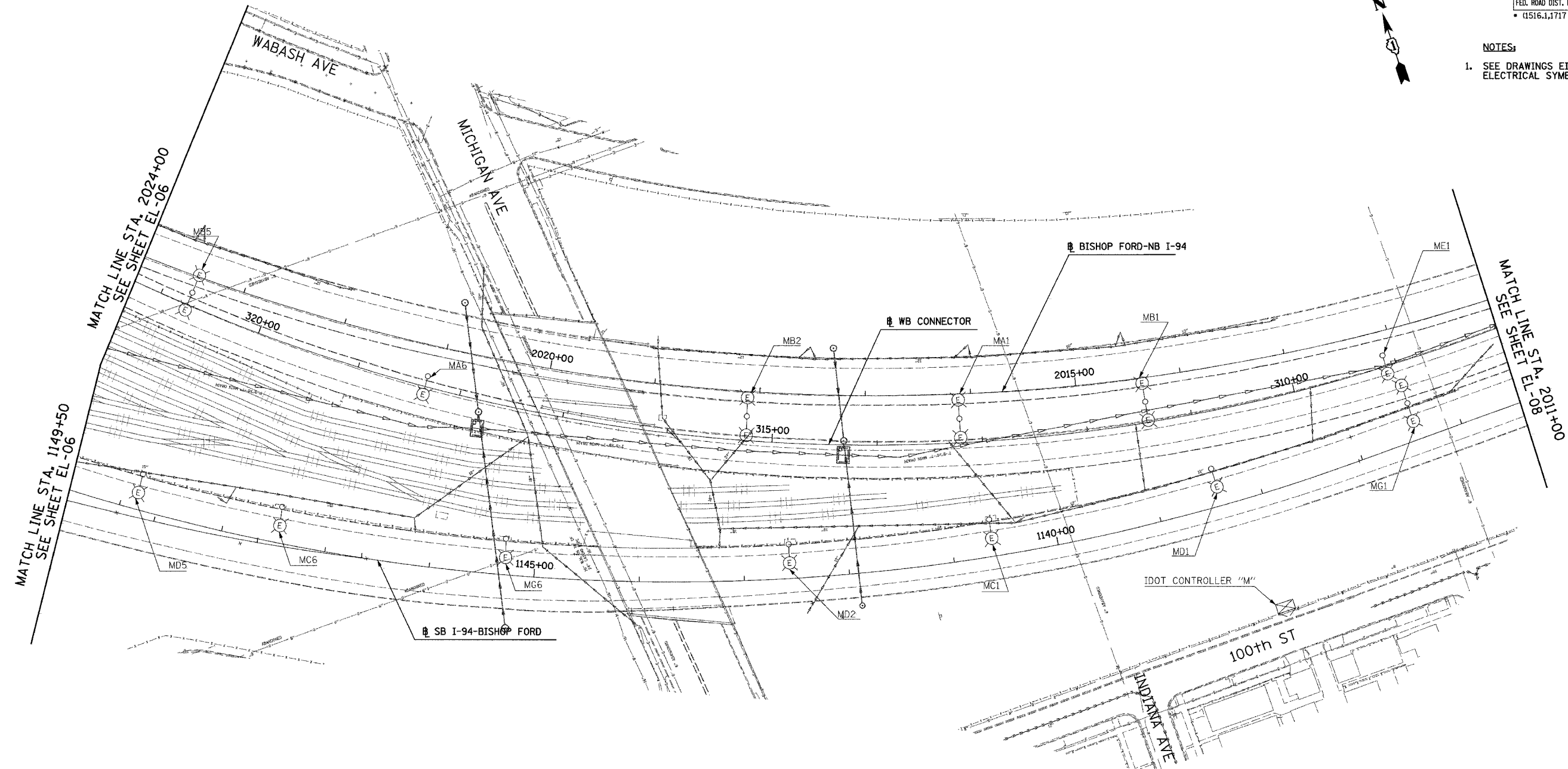
SINGH 300 W. ADAMS ST.
 CHICAGO, IL 60606
 SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
 CONSULTING ENGINEERS FAX: (312) 629-8449

4/27/2005 8:49:44 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	360
STA. 2024+00		TO STA. 2011+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY



17A/EL-07

SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

REVISIONS	
NAME	DATE
REVISED	5/06/05

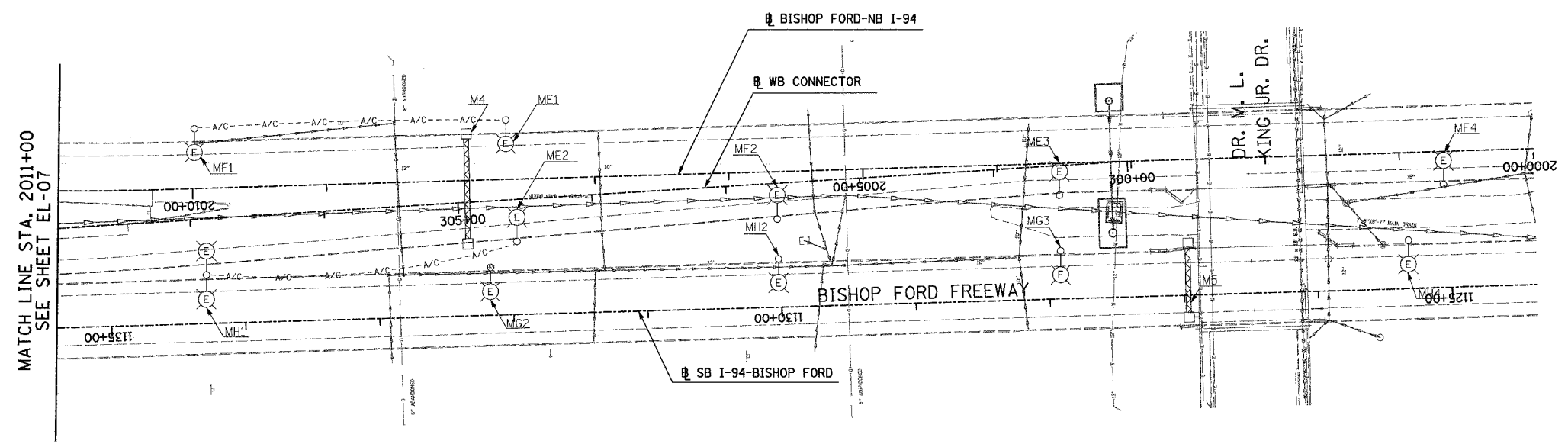
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION
SCALE: 1"=50'
DATE: MARCH 18, 2005
DRAWN BY: VK
CHECKED BY: TM

4/27/2005 8:49:54 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	361
STA. 2011+00		TO STA. 2000+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		62694
* (1516.1, 1717 & 1818) R-8				



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY



17A/EL-08

SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

REVISIONS	
NAME	DATE
REVISED	5/06/05

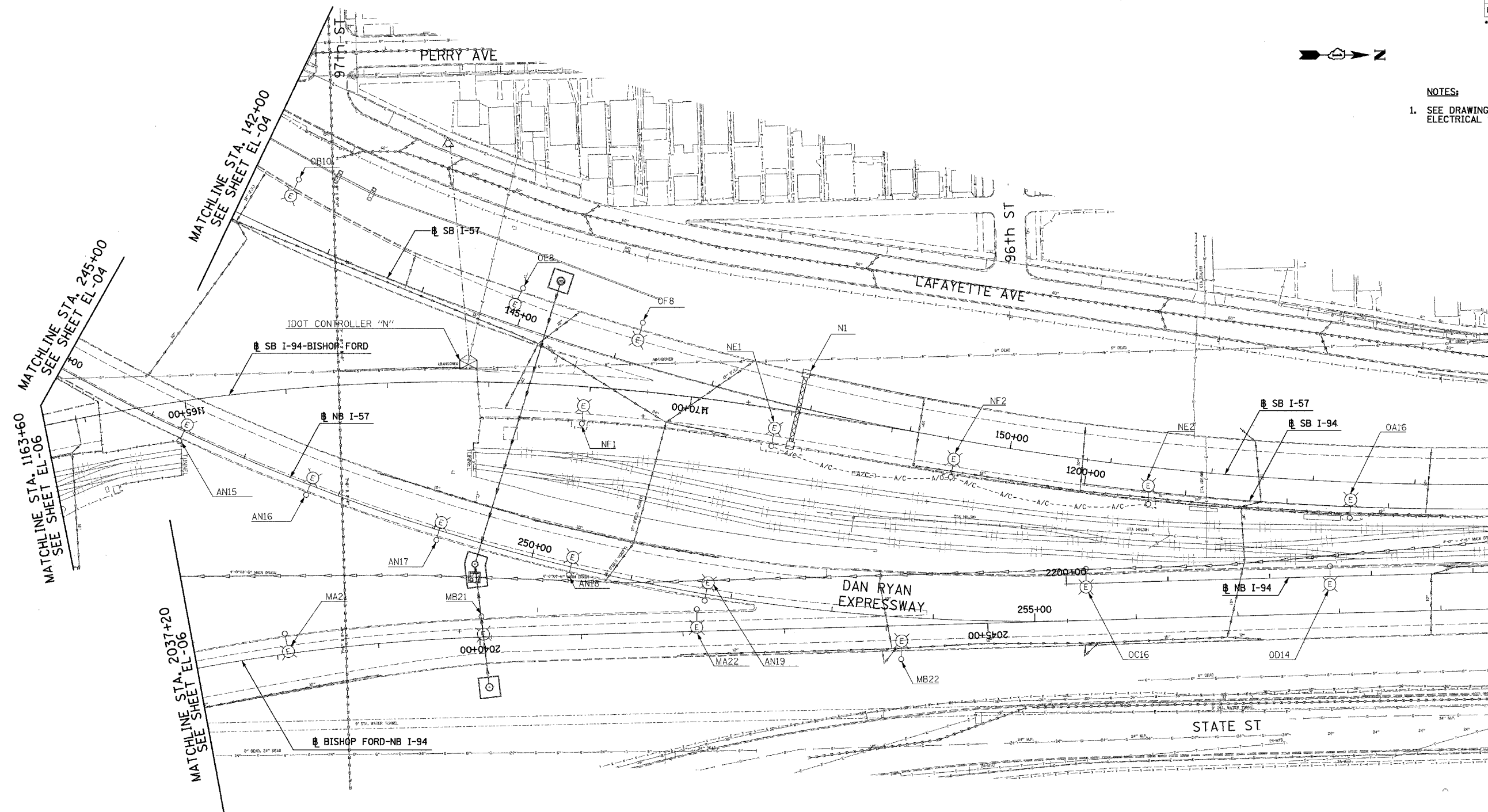
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION
SCALE: 1"=50'
DATE: MARCH 18, 2005
DRAWN BY: VK
CHECKED BY: TM

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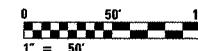
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	362
STA. 142+00		TO STA. 1204+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8		62694		



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY



17A/EL-09

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) ROADWAY LIGHTING AND SURVEILLANCE PLANS EXISTING CONDITIONS, TEMPORARY AND DEMOLITION
NAME	DATE	
REVISED	5/06/05	

SCALE: 1"=50'
DATE: MARCH 18, 2005
DRAWN BY: VK
CHECKED BY: TM

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SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

300 N. ADAMS ST.
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TEL: (312) 629-0240
FAX: (312) 629-8449

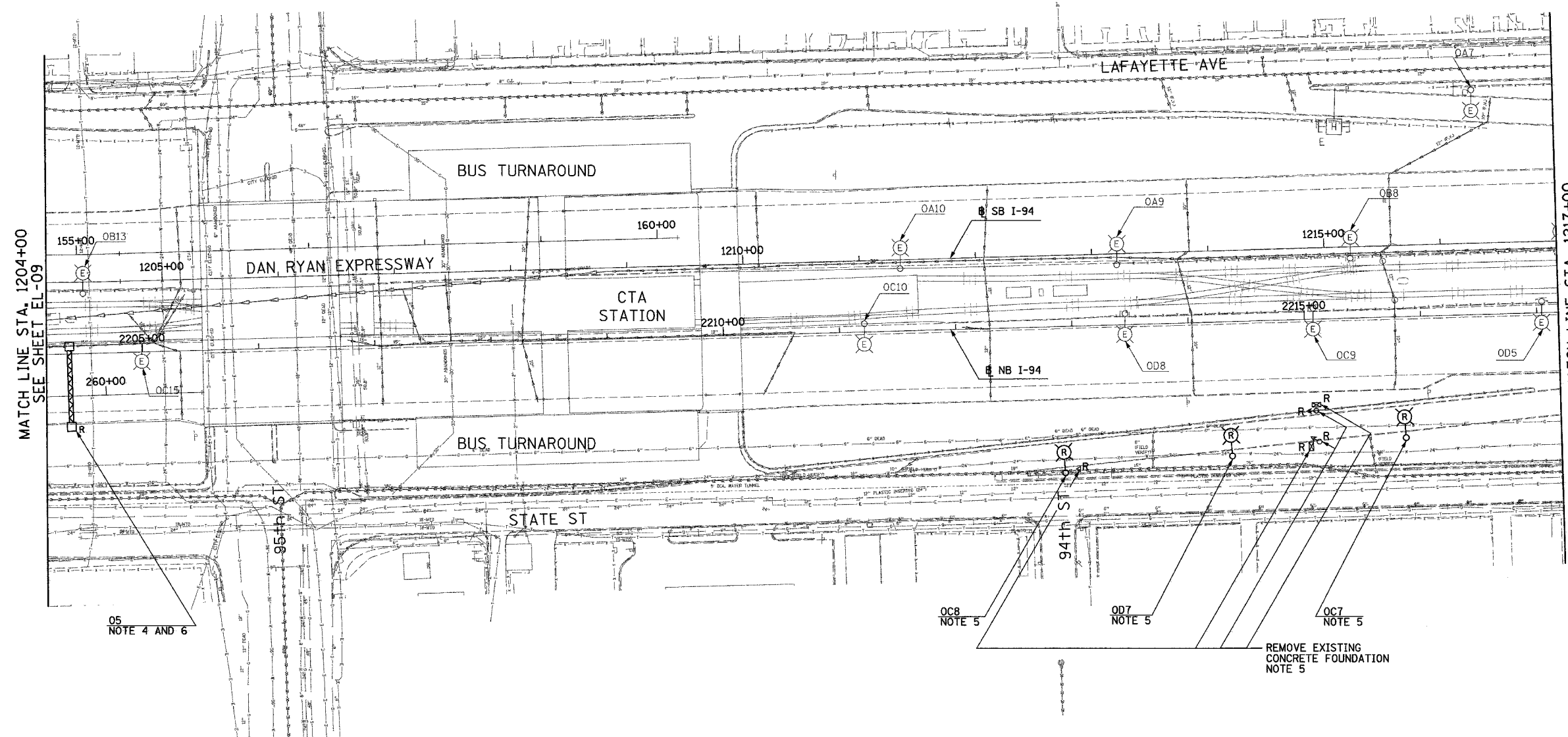
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	363
STA. 1204+00		TO STA. 1217+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRE REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
- ROADWAY LIGHT POLES AND TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR THREE LIGHTING AND FIVE TRAFFIC SIGNAL FOUNDATIONS ON THIS SHEET.
- SIGN 05 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN 06 IS INSTALLED AND OPERATIONAL. ELECTRICAL CONNECTION TO SIGN 06 IS PROVIDED UNDER CONTRACT 62583.



MATCH LINE STA. 1204+00
SEE SHEET EL-09

MATCH LINE STA. 1217+00
SEE SHEET EL-11

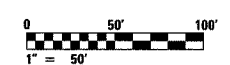
05
NOTE 4 AND 6

OC8
NOTE 5

OD7
NOTE 5

OC7
NOTE 5

REMOVE EXISTING
CONCRETE FOUNDATION
NOTE 5



17A/EL-10

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REVISIONS	
NAME	DATE
REVISOR	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

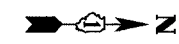
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 18, 2005

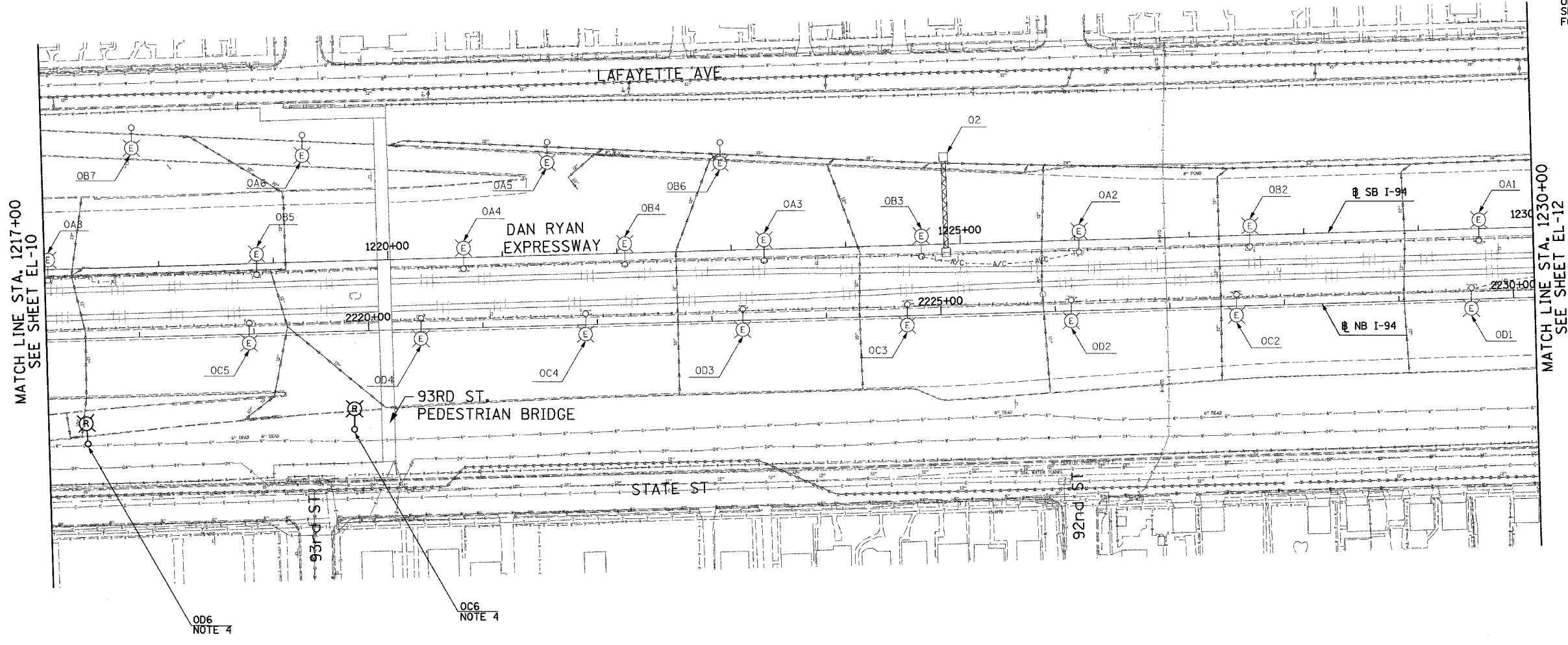
DRAWN BY: VK
CHECKED BY: TM

4/27/2005 8:50:17 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	364
STA. 1217+00		TO STA. 1230+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8				62694



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR TWO LIGHTING FOUNDATIONS ON THIS SHEET.

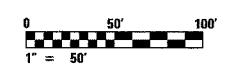


MATCH LINE STA. 1217+00
SEE SHEET EL-10

MATCH LINE STA. 1230+00
SEE SHEET EL-12

OD6
NOTE 4

OC6
NOTE 4



17A/EL-11

REVISIONS	
NAME	DATE
REVISOR	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

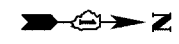
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DATE: MARCH 18, 2005 CHECKED BY: TM

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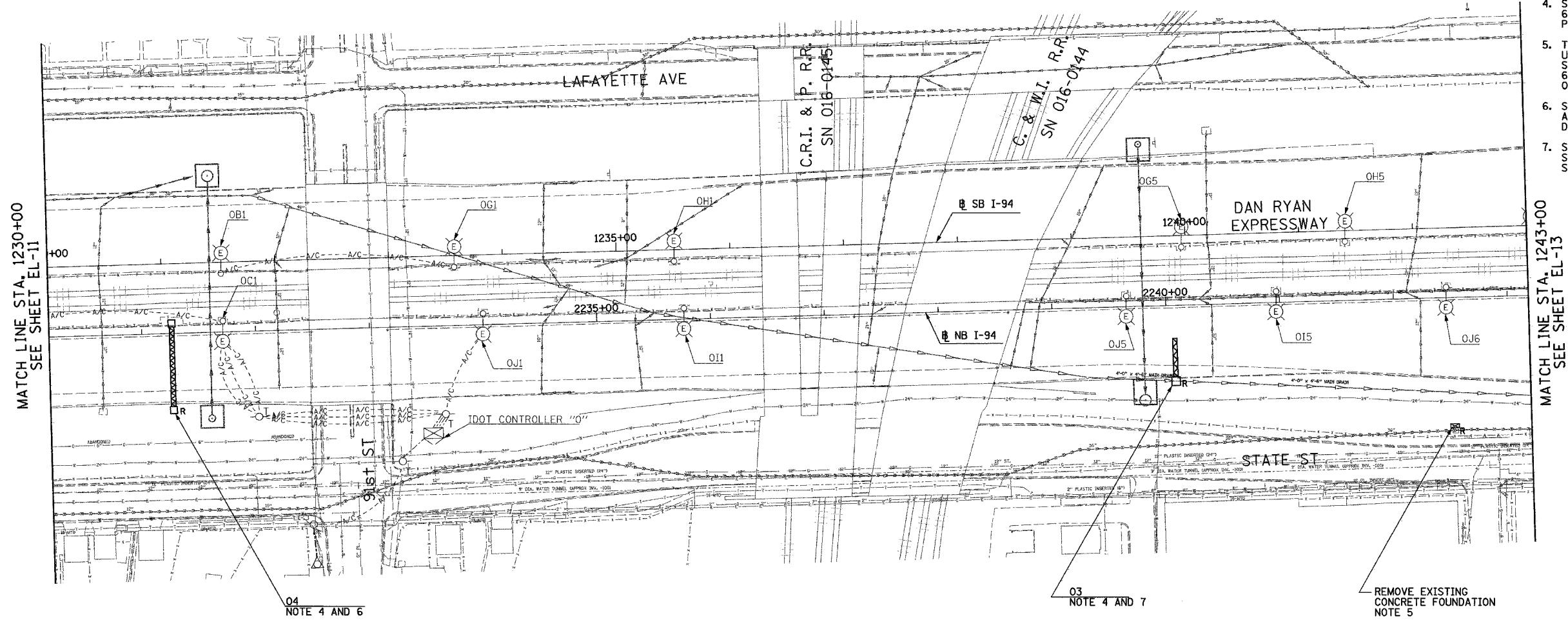
300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
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4/27/2005 9:45:05 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	365
STA. 12030+00		TO STA. 1243+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516,1,1717 & 1818) R-8		62694		



- NOTES:**
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 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRE REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
 - TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR ONE TRAFFIC SIGNAL FOUNDATION ON THIS SHEET.
 - SIGN 04 SHALL REMAIN LIT UNTIL 79th STREET AND 87th STREET RAMPS ARE CLOSED OR AS DIRECTED BY THE ENGINEER
 - SIGN 03 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN 08 IS INSTALLED AND OPERATIONAL. SIGN 08 IS WIRED UNDER CONTRACT 62583.



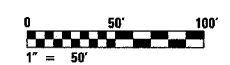
MATCH LINE STA. 1230+00
SEE SHEET EL-11

MATCH LINE STA. 1243+00
SEE SHEET EL-13

04
NOTE 4 AND 6

03
NOTE 4 AND 7

REMOVE EXISTING
CONCRETE FOUNDATION
NOTE 5



17A/EL-12

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REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 18, 2005

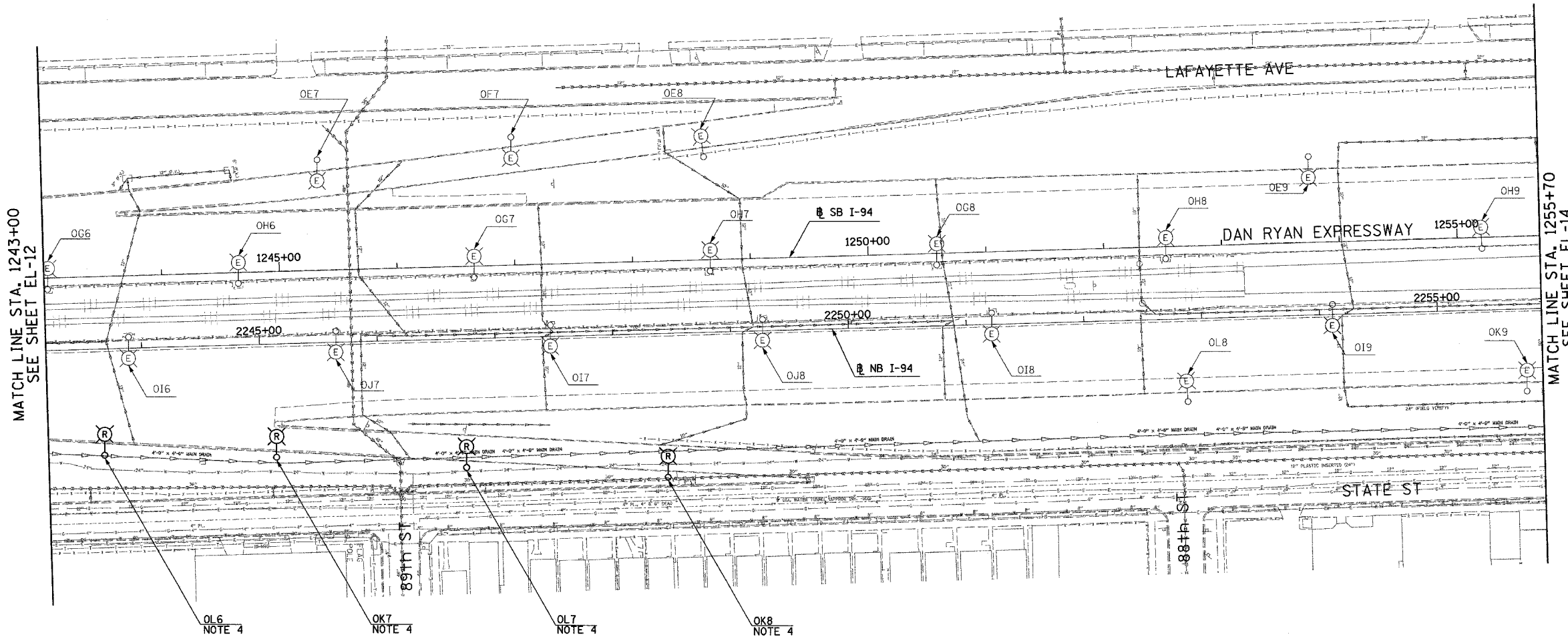
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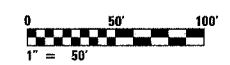
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	366
STA. 1243+00		TO STA. 1255+70		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



- NOTES:**
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 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
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 - ROADWAY LIGHT POLES EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR FOUR LIGHTING FOUNDATIONS ON THIS SHEET.



OL6 NOTE 4 OL7 NOTE 4 OL8 NOTE 4



17A/EL-13

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) ROADWAY LIGHTING AND SURVEILLANCE PLANS EXISTING CONDITIONS, TEMPORARY AND DEMOLITION
NAME	DATE	

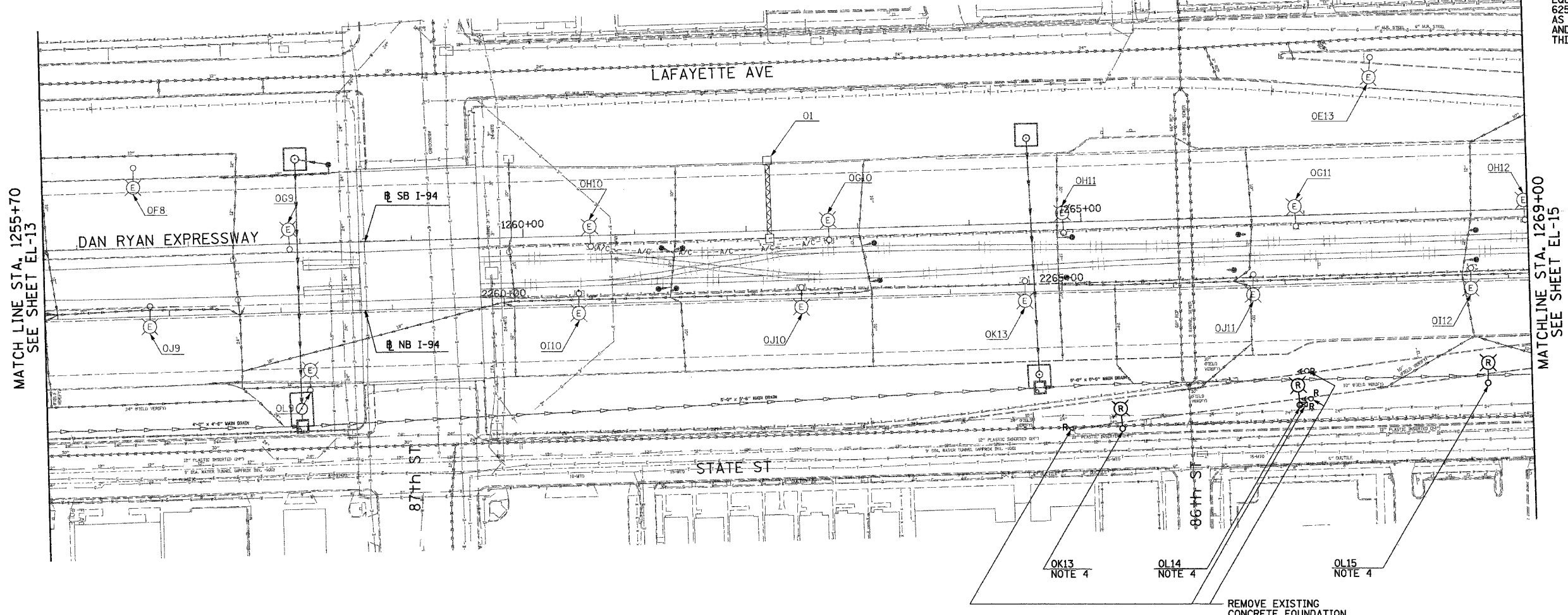
SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 18, 2005 CHECKED BY: TM

3/24/2005 4:44:13 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	367
STA. 1255+00		TO STA. 1269+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8		62694		



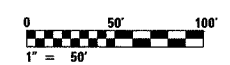
- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
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MATCH LINE STA. 1255+70
SEE SHEET EL-13

MATCHLINE STA. 1269+00
SEE SHEET EL-15

OK13 NOTE 4
OL14 NOTE 4
OL15 NOTE 4
REMOVE EXISTING CONCRETE FOUNDATION



17A/EL-14

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REVISIONS	
NAME	DATE
REVISOR	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 18, 2005

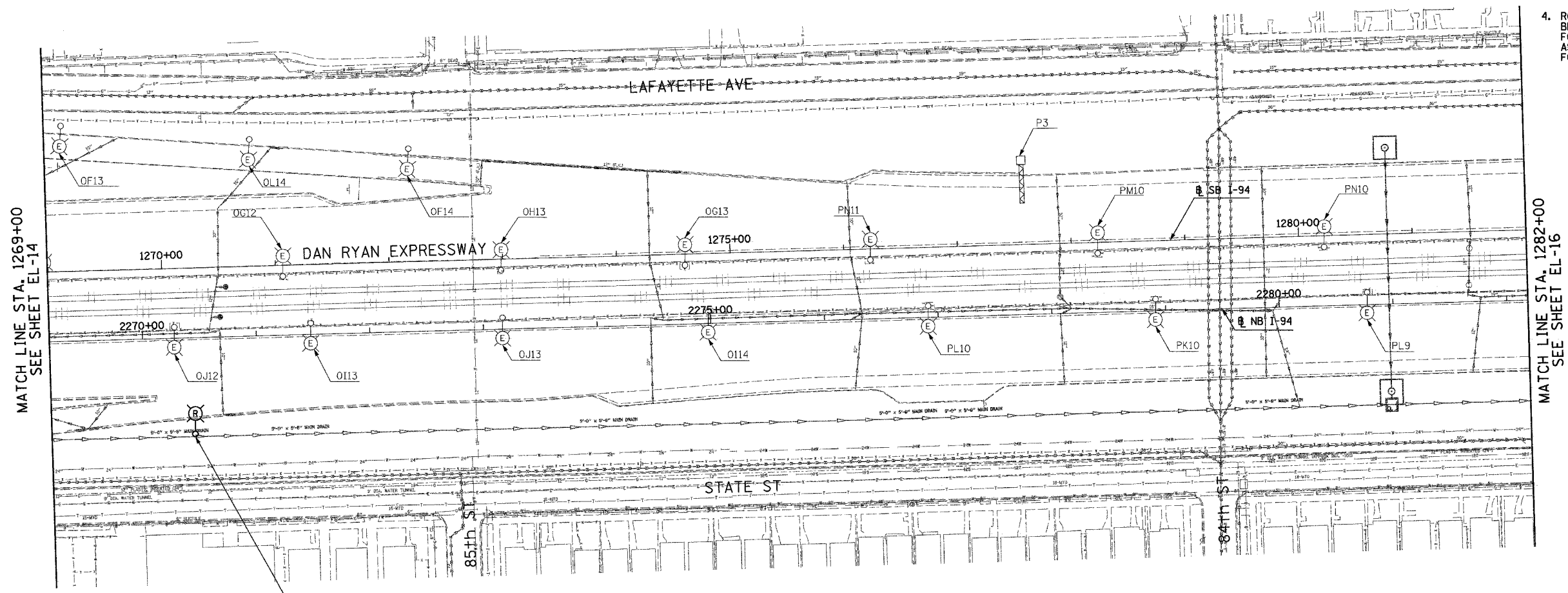
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	368
STA. 1269+00		TO STA. 1282+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8				62694



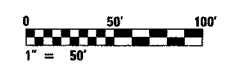
- NOTES:**
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 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
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 - ROADWAY LIGHT POLE EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR ONE LIGHTING FOUNDATION ON THIS SHEET.



MATCH LINE STA. 1269+00
SEE SHEET EL-14

MATCH LINE STA. 1282+00
SEE SHEET EL-16

OK14
NOTE 4



17A/EL-15

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REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

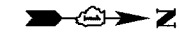
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 18, 2005

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CHECKED BY: TM

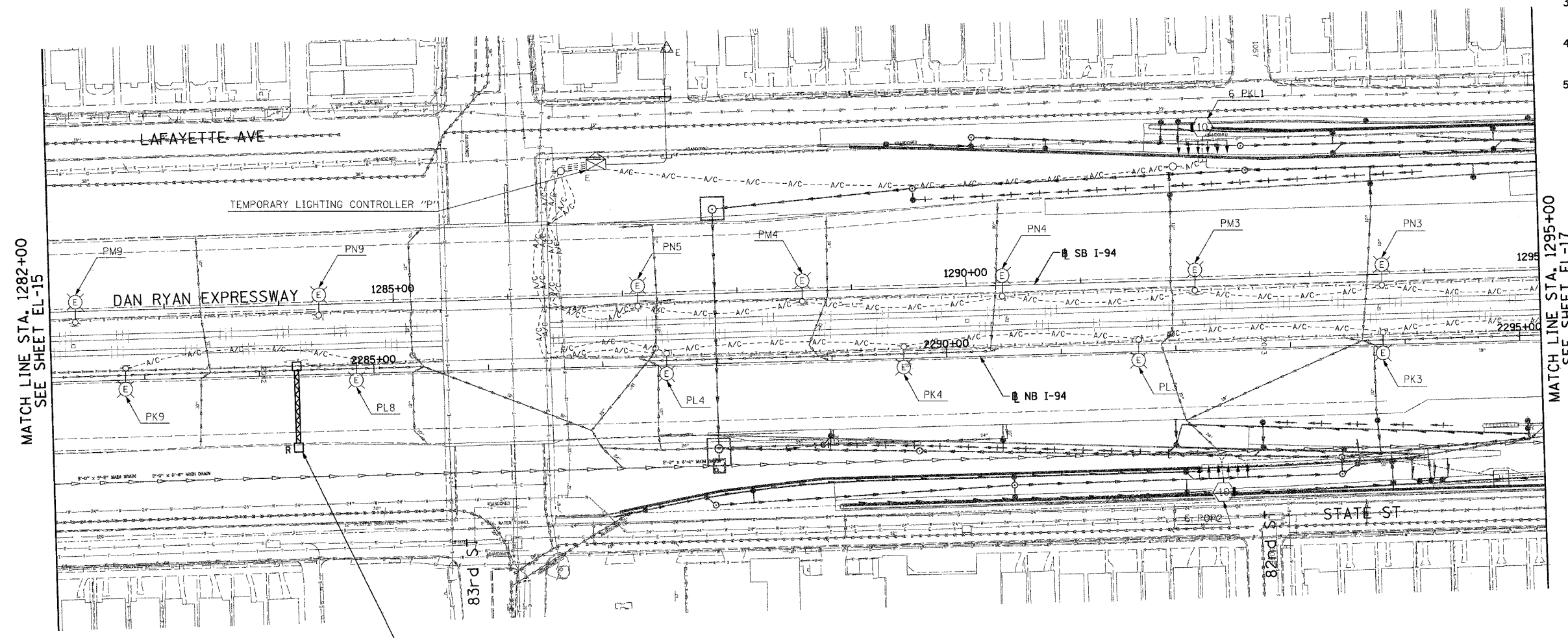
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	369
STA. 1282+00		TO STA. 1295+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1, 1717 & 1818) R-8		62694		



NOTES:

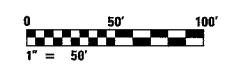
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- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRES REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
- SIGN P7 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN P6 IS INSTALLED AND OPERATIONAL. ELECTRICAL CONNECTION TO SIGN P6 IS PROVIDED UNDER CONTRACT 62583.



MATCH LINE STA. 1282+00
SEE SHEET EL-15

MATCH LINE STA. 1295+00
SEE SHEET EL-17

P7
NOTE 4 AND 5



17A/EL-16

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REVISIONS	
NAME	DATE
REVISOR	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

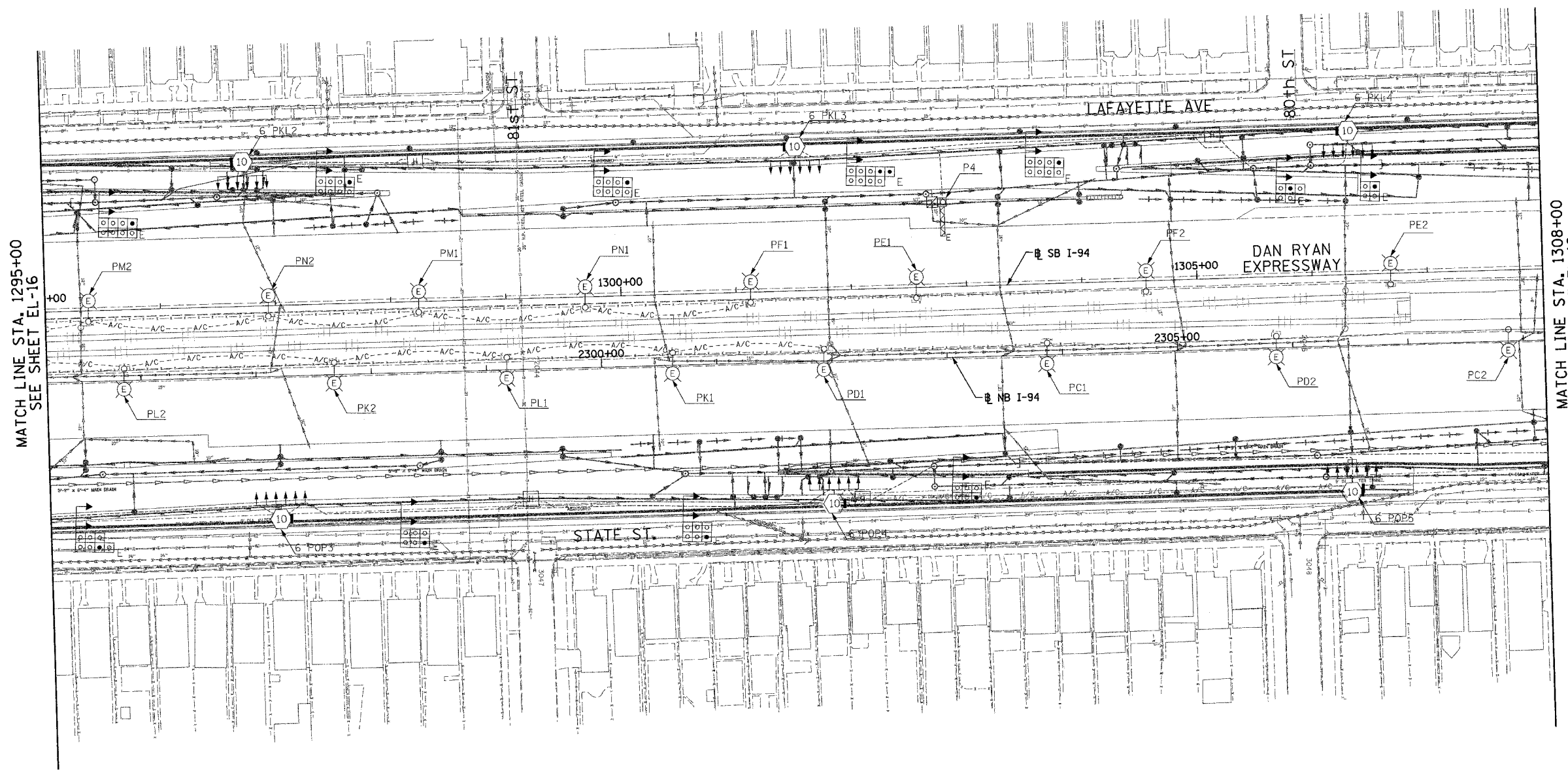
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DATE: MARCH 18, 2005 CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	370
STA. 1295+00		TO STA. 1308+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8		62694		

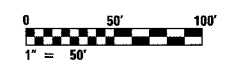


- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



MATCH LINE STA. 1295+00
SEE SHEET EL-16

MATCH LINE STA. 1308+00
SEE SHEET EL-18



17A/EL-17

NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 18, 2005 CHECKED BY: TM

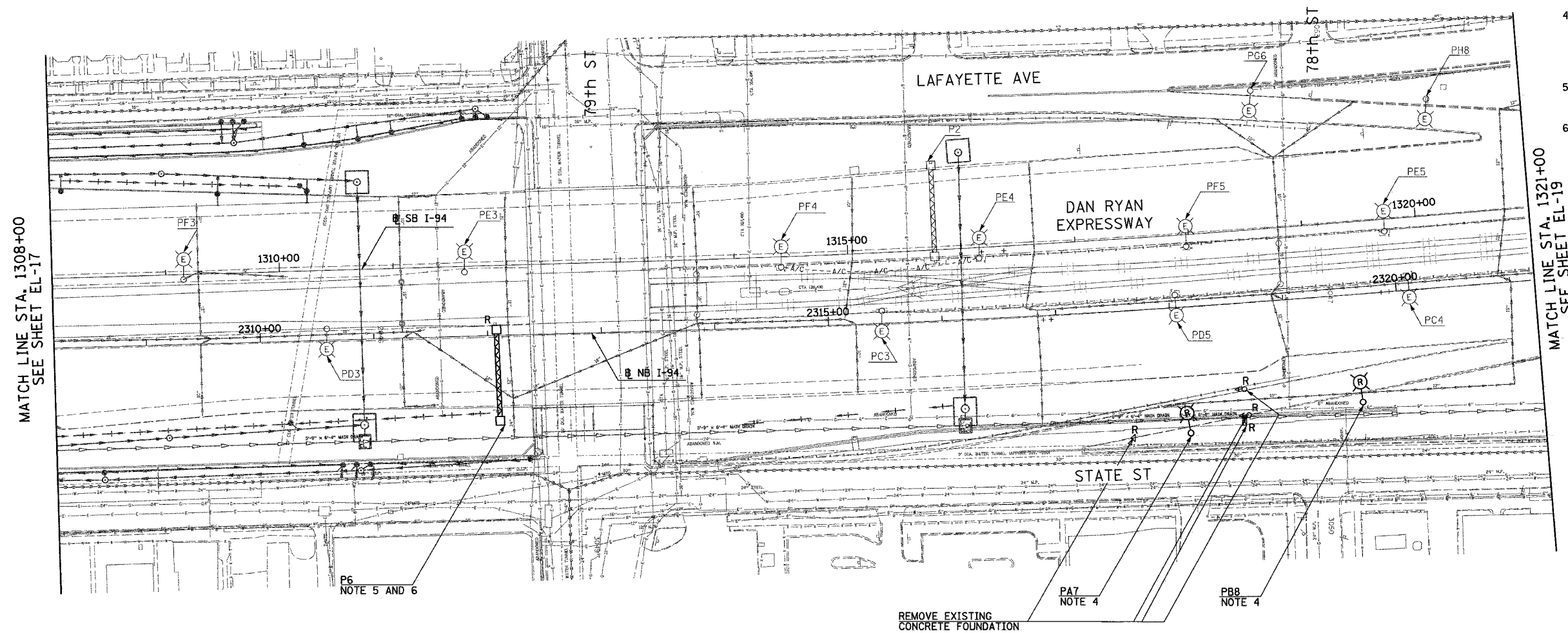
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	371
STA. 1308+00		TO STA. 1321+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



NOTES:

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- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- ROADWAY LIGHT POLES AND TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR TWO LIGHTING AND FOUR TRAFFIC SIGNAL FOUNDATIONS ON THIS SHEET.
- SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRES REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
- SIGN P6 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN P1 IS INSTALLED AND OPERATIONAL. SIGN P1 IS WIRED UNDER CONTRACT 62583.



MATCH LINE STA. 1308+00
SEE SHEET EL-17

MATCH LINE STA. 1321+00
SEE SHEET EL-19



17A/EL-18

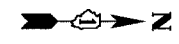
REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS, TEMPORARY
 AND DEMOLITION
 SCALE: 1"=50'
 DATE: MARCH 18, 2005
 DRAWN BY: VK
 CHECKED BY: TM

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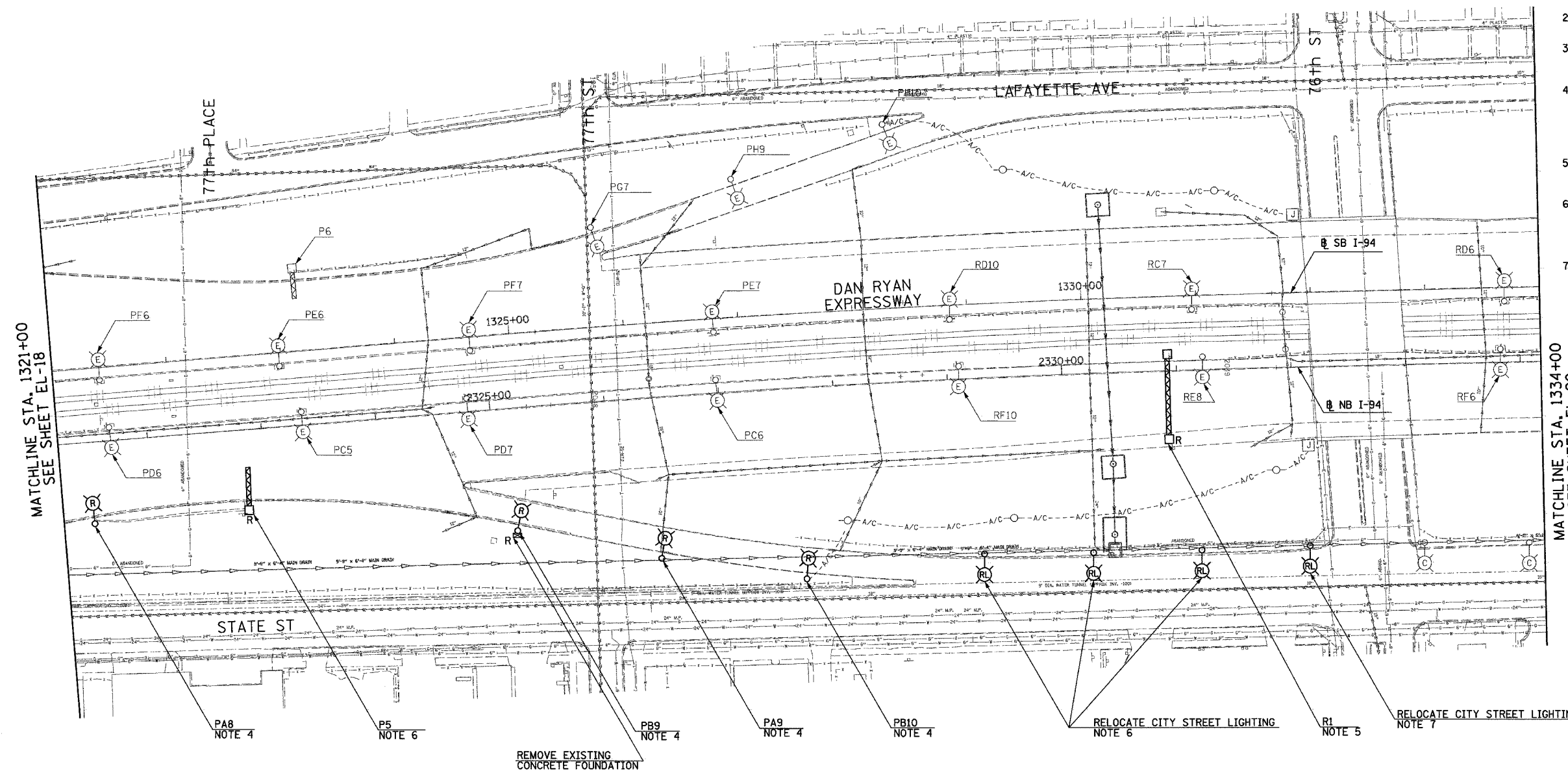
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	372
STA. 1321+00	TO STA. 1334+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8			62694	



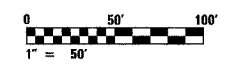
NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
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- ROADWAY LIGHT POLES AND TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR FOUR LIGHTING AND ONE TRAFFIC SIGNAL FOUNDATIONS ON THIS SHEET.
- SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRES REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
- CITY OF CHICAGO LIGHT POLES SHALL BE RELOCATED AS PART OF CONTRACT 62694 FOR THREE LIGHTING FOUNDATIONS ON THIS SHEET. RECONNECT TO EXISTING WIRING TO BE PAID FOR AS PART OF RELOCATION COST.
- CITY OF CHICAGO LIGHT POLES SHALL BE RELOCATED AS PART OF CONTRACT 62694 FOR ONE LIGHTING FOUNDATION ON THIS SHEET. RECONNECT TO EXISTING WIRING TO BE PAID FOR AS PART OF RELOCATION COST. COORDINATE LIGHT POLE RELOCATION WITH CONTRACT 62695 AS PART OF 76TH STREET BRIDGE RECONSTRUCTION.



MATCHLINE STA. 1321+00
SEE SHEET EL-18

MATCHLINE STA. 1334+00
SEE SHEET EL-20



17A/EL-19

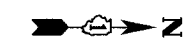
REVISIONS		
NO.	NAME	DATE
1	REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS, TEMPORARY
 AND DEMOLITION
 SCALE: 1"=50'
 DATE: MARCH 18, 2005
 DRAWN BY: VK
 CHECKED BY: TM

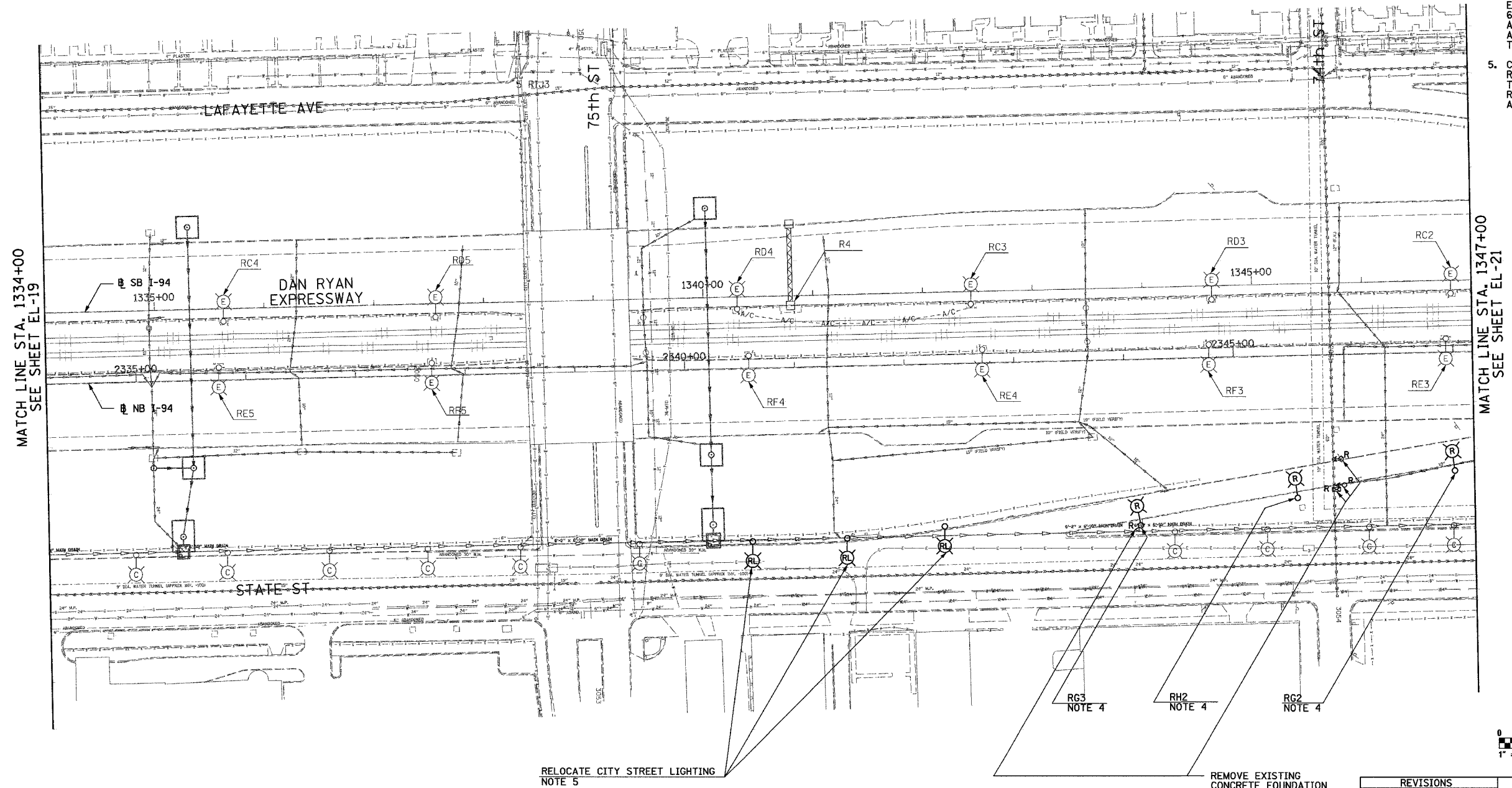
SINGH
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 300 W. ADAMS ST.
 CHICAGO, IL 60606
 TEL: (312) 629-0240
 FAX: (312) 629-8449

4/27/2005 9:59:48 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	373
STA. 1334+00		TO STA. 1347+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



- NOTES:**
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 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - ROADWAY LIGHT POLES AND TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR THREE LIGHTING AND FOUR TRAFFIC SIGNAL FOUNDATIONS ON THIS SHEET.
 - CITY OF CHICAGO LIGHT POLES SHALL BE RELOCATED AS PART OF CONTRACT 62694 FOR THREE LIGHTING FOUNDATIONS ON THIS SHEET. RECONNECT TO EXISTING WIRING TO BE PAID FOR AS PART OF RELOCATION COST.

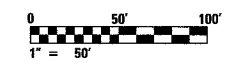


MATCH LINE STA. 1334+00
SEE SHEET EL-19

MATCH LINE STA. 1347+00
SEE SHEET EL-21

RELOCATE CITY STREET LIGHTING
NOTE 5

REMOVE EXISTING
CONCRETE FOUNDATION
NOTE 4



17A/EL-20

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300 W. ADAMS ST.
CHICAGO, IL 60606
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REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

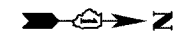
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 18, 2005

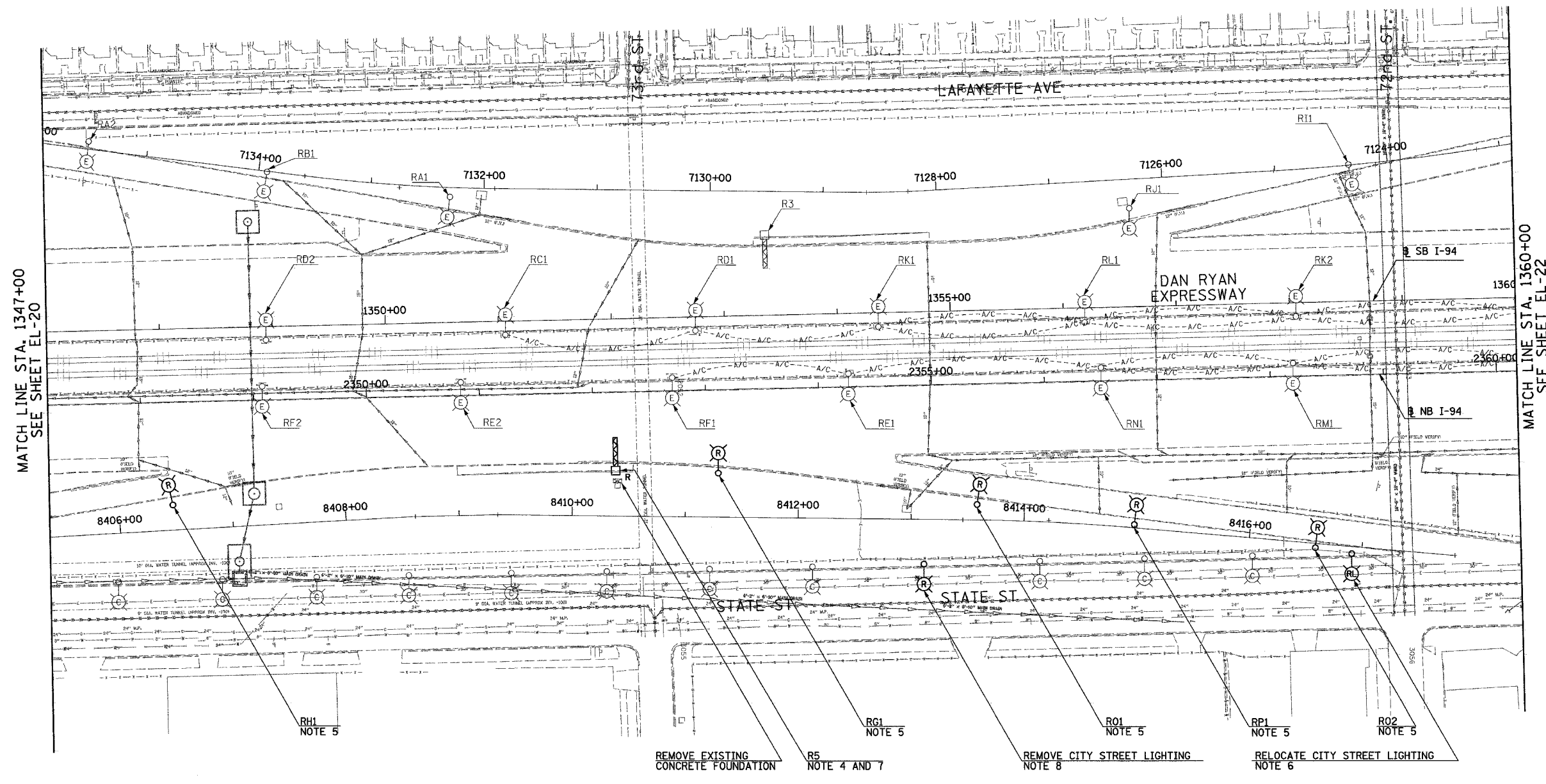
DRAWN BY: VK
CHECKED BY: TM

4/27/2005 9:55:57 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	374
STA. 1347+00		TO STA. 1360+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1717 & 1818) R-8				62694



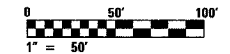
- NOTES:**
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRES REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
 - ROADWAY LIGHT POLES AND TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR FIVE LIGHTING AND ONE TRAFFIC SIGNAL FOUNDATION ON THIS SHEET.
 - CITY OF CHICAGO LIGHT POLES SHALL BE RELOCATED AS PART OF CONTRACT 62694 FOR ONE LIGHTING FOUNDATION ON THIS SHEET. RECONNECT TO EXISTING WIRING TO BE PAID FOR AS PART OF RELOCATION COST.
 - SIGN R5 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN R5 IS INSTALLED AND OPERATIONAL. PROPOSED SIGN R5 IS WIRED UNDER CONTRACT 62583.
 - CITY OF CHICAGO LIGHT POLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62694 FOR ONE LIGHTING FOUNDATION ON THIS SHEET.



MATCH LINE STA. 1347+00
SEE SHEET EL-20

MATCH LINE STA. 1360+00
SEE SHEET EL-22

REMOVE EXISTING CONCRETE FOUNDATION R5 NOTE 4 AND 7 REMOVE CITY STREET LIGHTING NOTE 8 RELOCATE CITY STREET LIGHTING NOTE 6



17A/EL-21

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REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

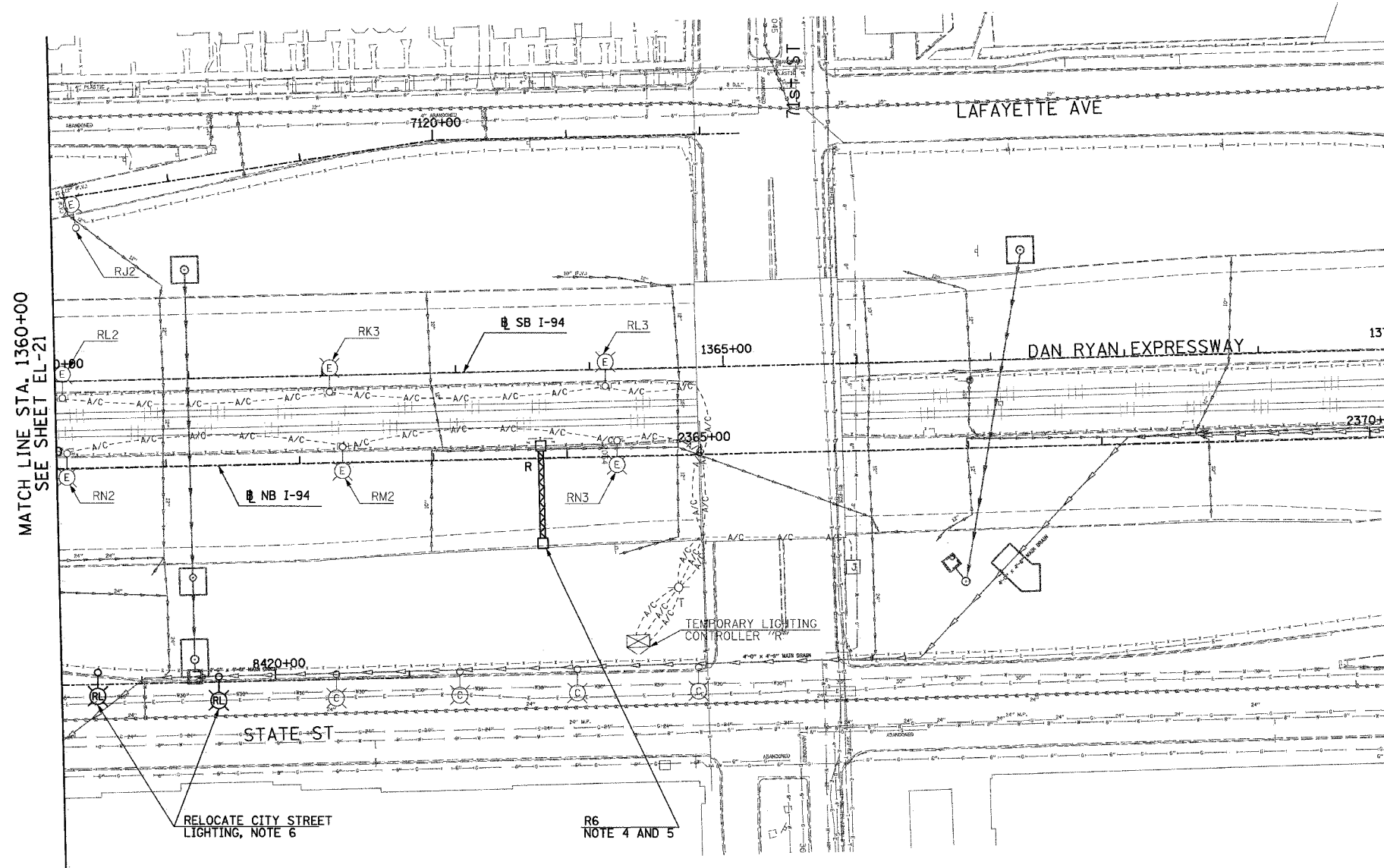
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	375
STA. 1360+00	TO STA. 1366+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
(1516,1,1717 & 1818) R-8			62694	



NOTES:

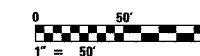
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- SIGN TO BE DISCONNECTED UNDER CONTRACT 62583. SIGN LUMINAIRES REMOVAL IS PROPOSED WORK FOR CONTRACT 62694.
- SIGN R6 SHALL NOT BE REMOVED UNTIL PROPOSED SIGN R6 IS INSTALLED AND OPERATIONAL. PROPOSED SIGN R6 IS WIRED UNDER CONTRACT 62583.
- CITY OF CHICAGO LIGHT POLES SHALL BE RELOCATED AS PART OF CONTRACT 62694 FOR TWO LIGHTING FOUNDATIONS ON THIS SHEET. RECONNECT TO EXISTING WIRING TO BE PAID FOR AS PART OF RELOCATION COST.



MATCH LINE STA. 1360+00
SEE SHEET EL-21

RELOCATE CITY STREET LIGHTING, NOTE 6

R6
NOTE 4 AND 5



17A/EL-22

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS, TEMPORARY
AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

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CONSULTING ENGINEERS

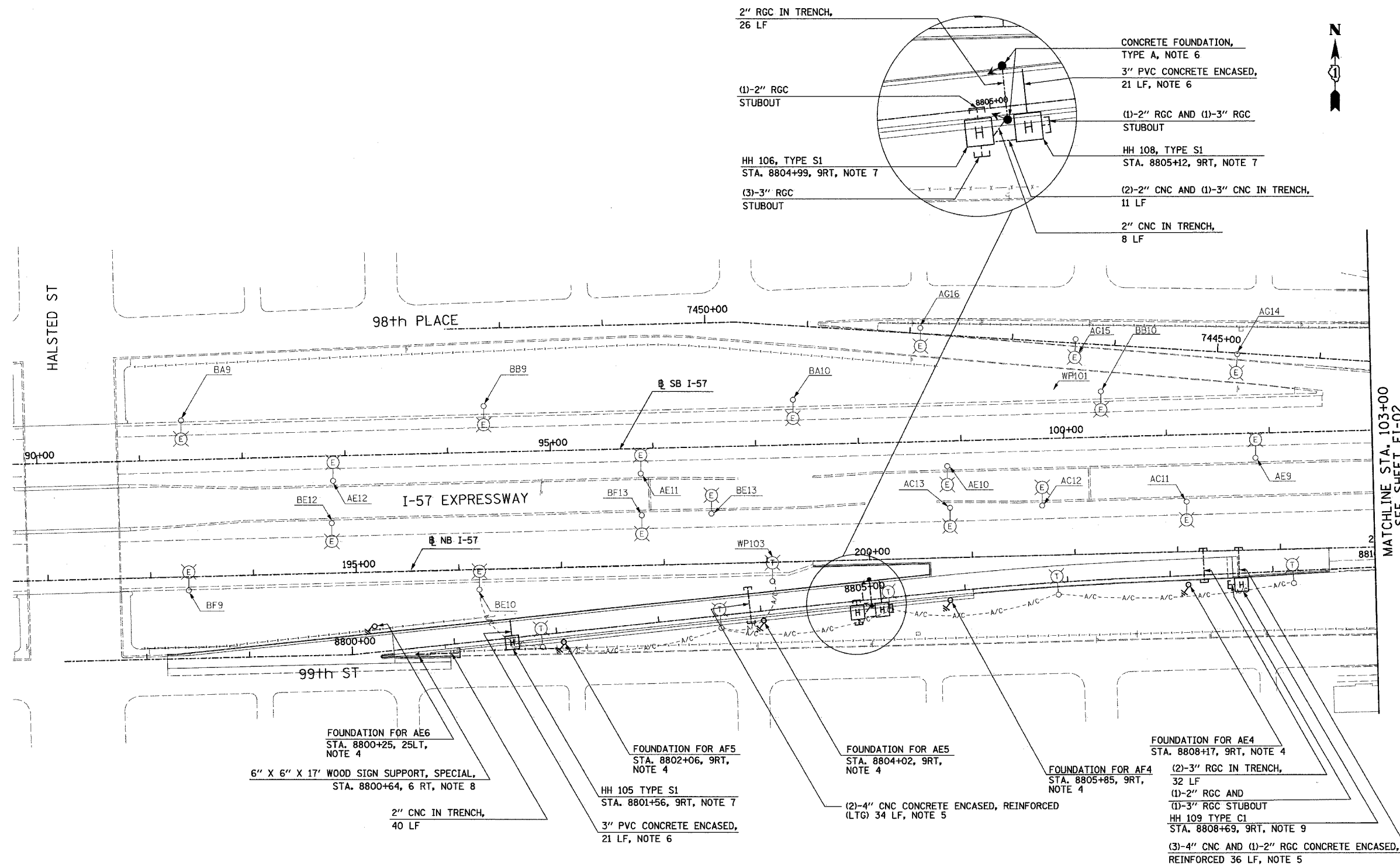
300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

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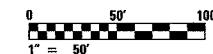
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	376
STA.	90+00	TO STA.	103+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8				62694

NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- PROVIDE FOUNDATIONS FOR CONVENTIONAL LIGHT POLES AS SHOWN ON SHEET E-301. POLES AND WIRING SHALL BE FURNISHED AND INSTALLED BY OTHERS UNDER CONTRACT 62937.
- REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
- REFER TO SHEETS EI-106, EI-110, AND EI-113 FOR RAMP METERING DETAILS.
- REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
- REFER TO SHEET EI-112 FOR WOOD SIGN SUPPORT DETAILS.
- REFER TO SHEET EI-107 FOR COMMUNICATIONS VAULT C1 DETAILS.



MATCHLINE STA. 103+00
SEE SHEET EI-02



17A/EI-01

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
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4:38:41 PM 5/5/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	377
STA. 103+00		TO STA. 116+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8				62694

NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.



EGGLESTON AVE

NORMAL AVE

98th PLACE

I-57 EXPRESSWAY

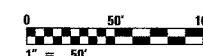
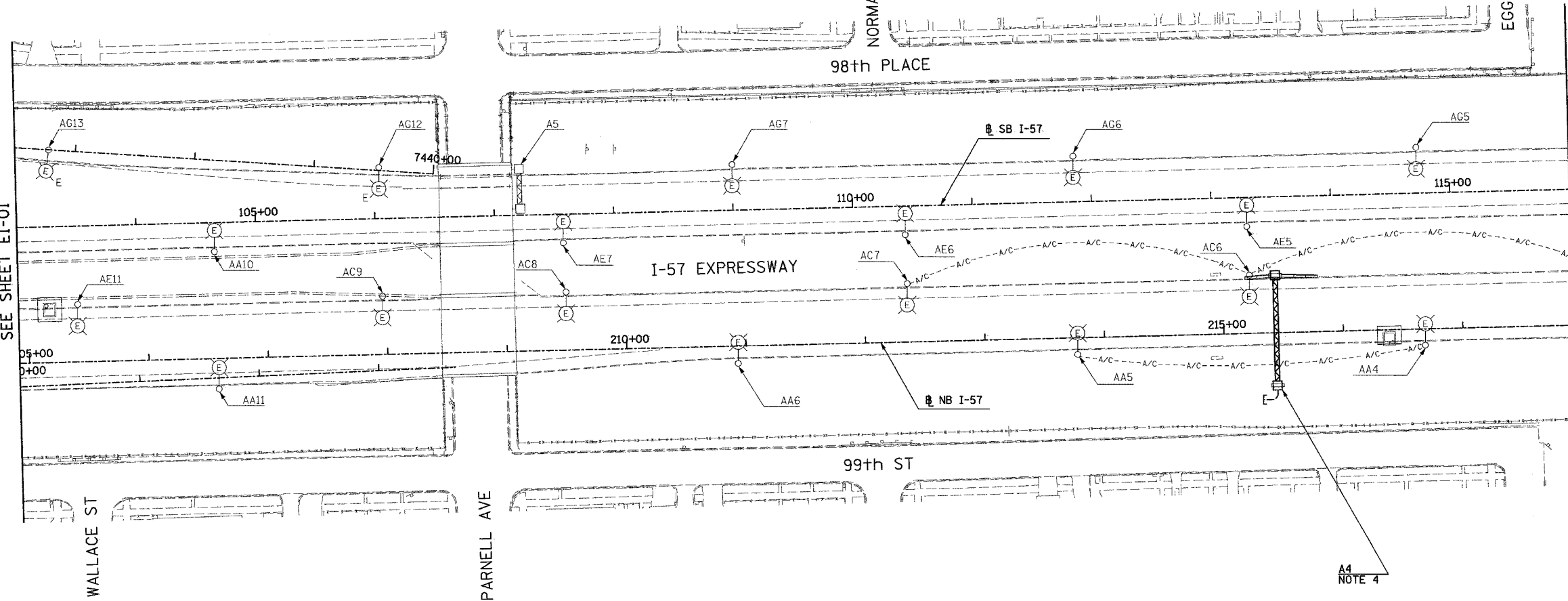
99th ST

WALLACE ST

PARNELL AVE

MATCH LINE STA. 103+00
SEE SHEET EI-01

MATCH LINE STA. 116+00
SEE SHEET EI-03



17A/EI-02

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NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

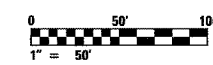
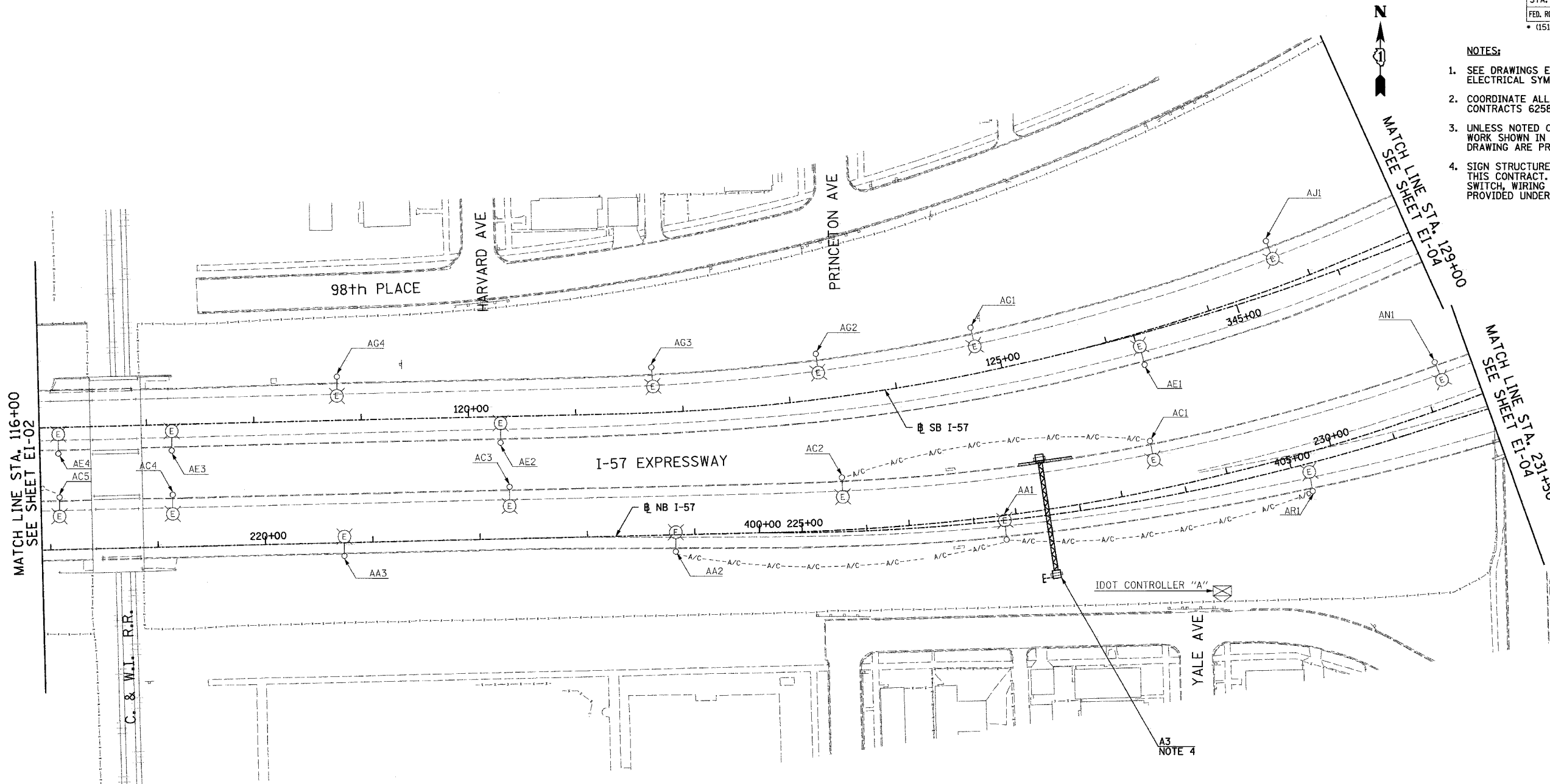
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	378
STA. 116+00	TO STA. 129+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8			62694	

NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.



17A/EI-03

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

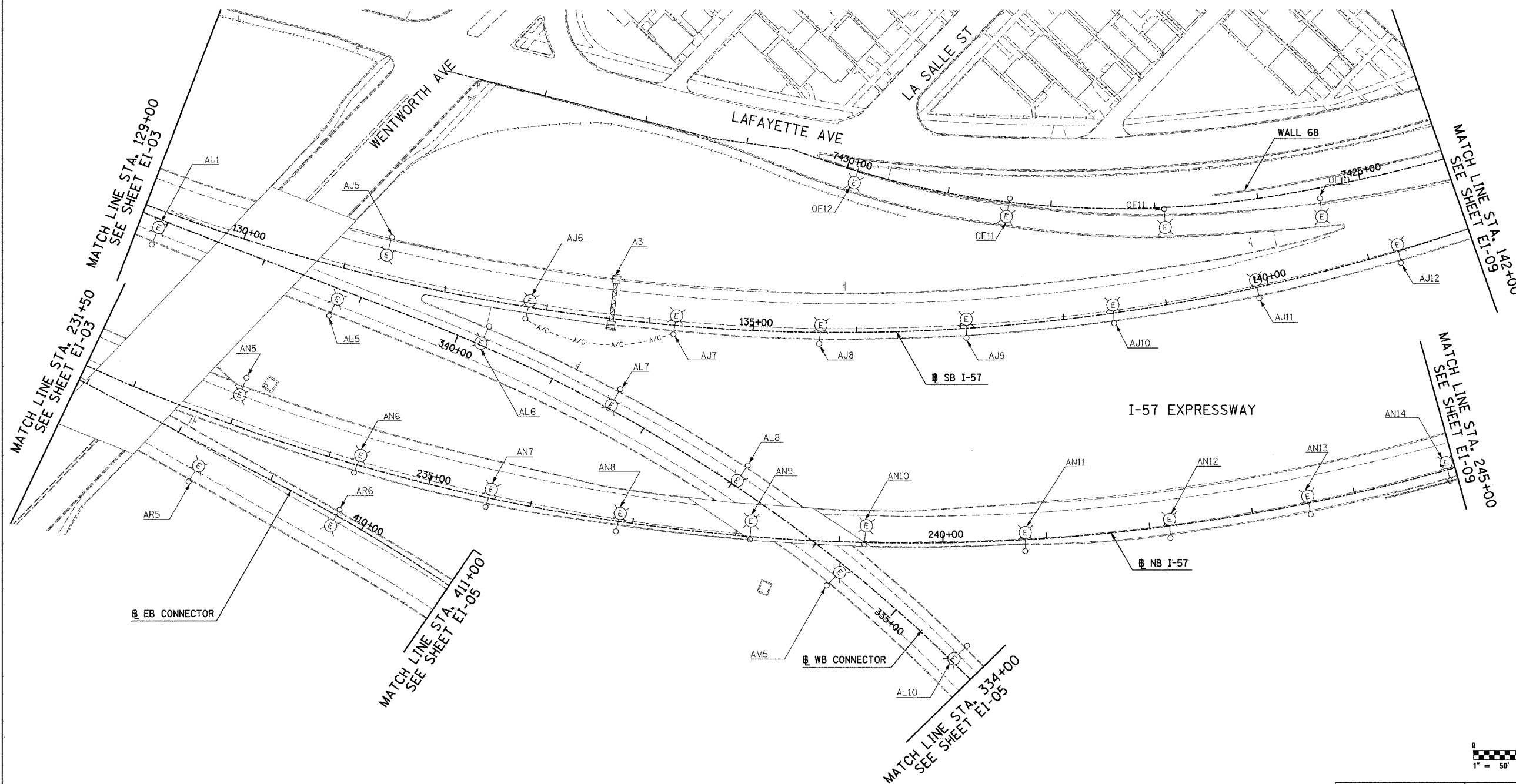
SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 18, 2005 CHECKED BY: TM

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5/5/2005 4:50:06 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	379
STA. 129+00	TO STA. 142+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
(1516.1, 1717 & 1818) R-8				62694

- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.

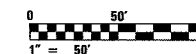


NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY

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NAME	DATE
REVISED	5/06/05



ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

17A/EI-04

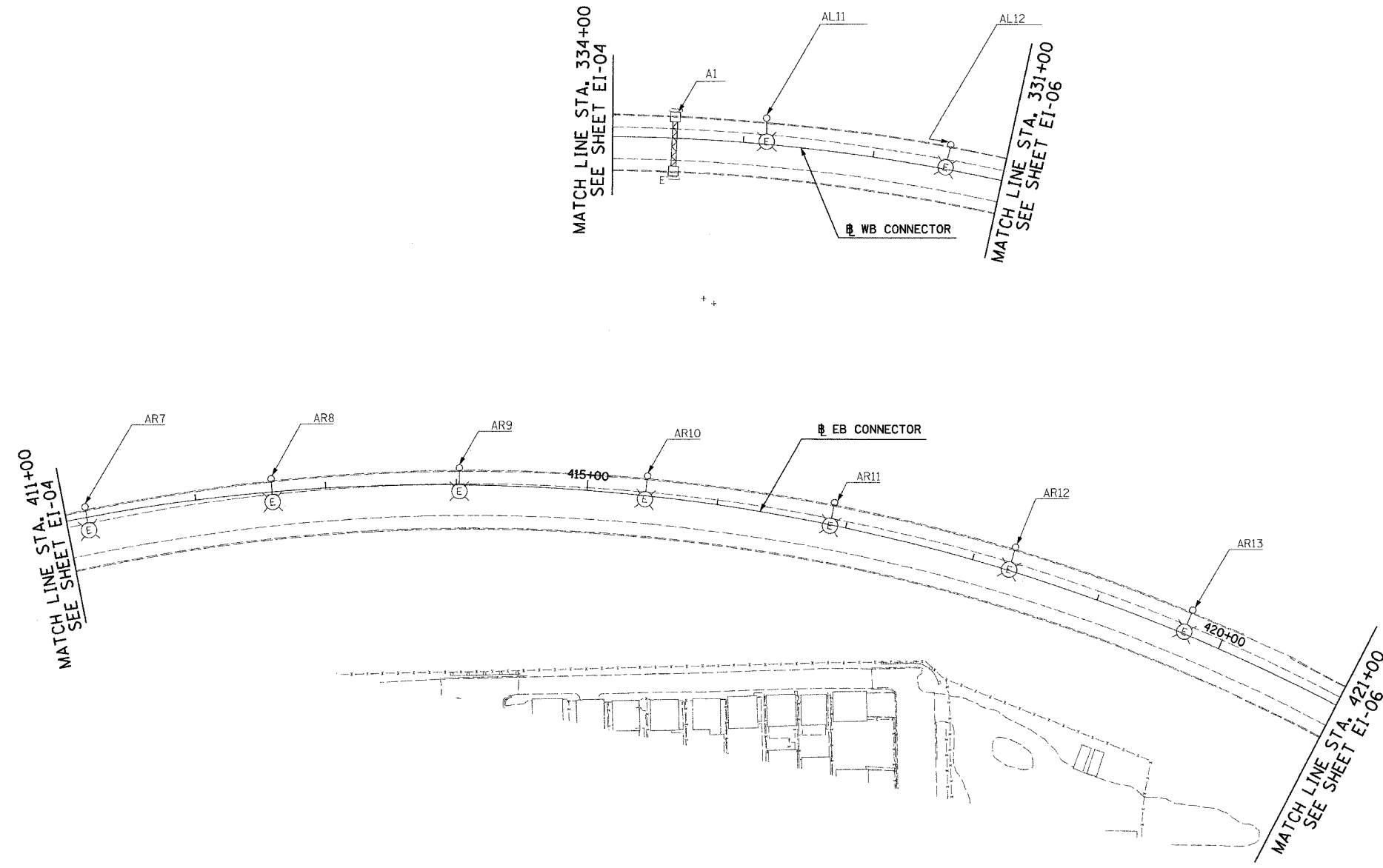
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	380
STA. 411+00		TO STA. 421+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET
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17A/EI-05

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

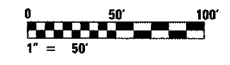
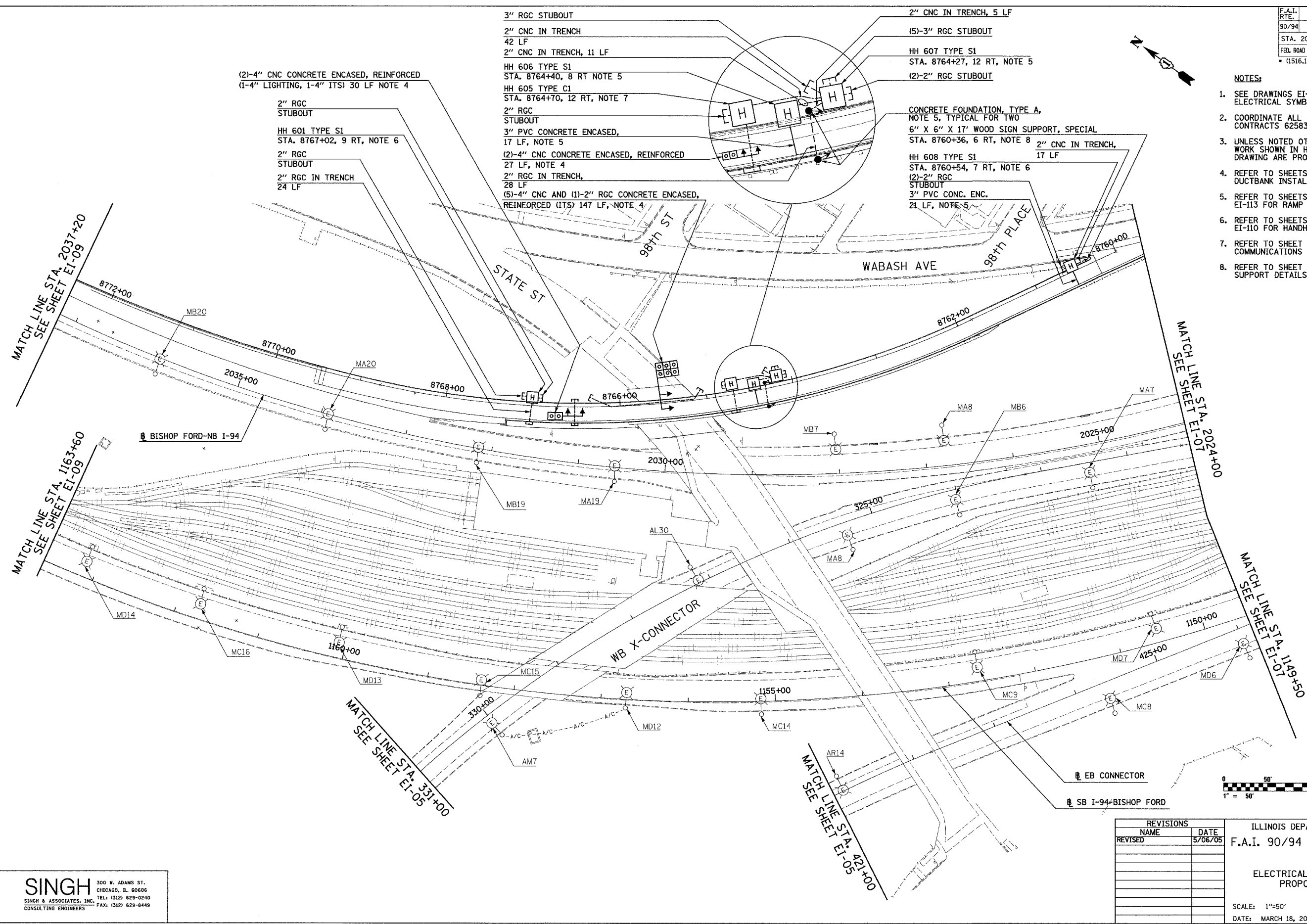
SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	381
STA. 2037+20		TO STA. 2024+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8				62694

NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
- REFER TO SHEETS EI-106, EI-110 AND EI-113 FOR RAMP METERING DETAILS.
- REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
- REFER TO SHEET EI-107 FOR COMMUNICATIONS VAULT C1 DETAILS.
- REFER TO SHEET EI-112 FOR WOOD SIGN SUPPORT DETAILS.



17A/EI-06

REVISIONS		
REVISED	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 ELECTRICAL INFRASTRUCTURE PLANS
 PROPOSED IMPROVEMENTS
 SCALE: 1"=50'
 DATE: MARCH 18, 2005
 DRAWN BY: VK
 CHECKED BY: TM

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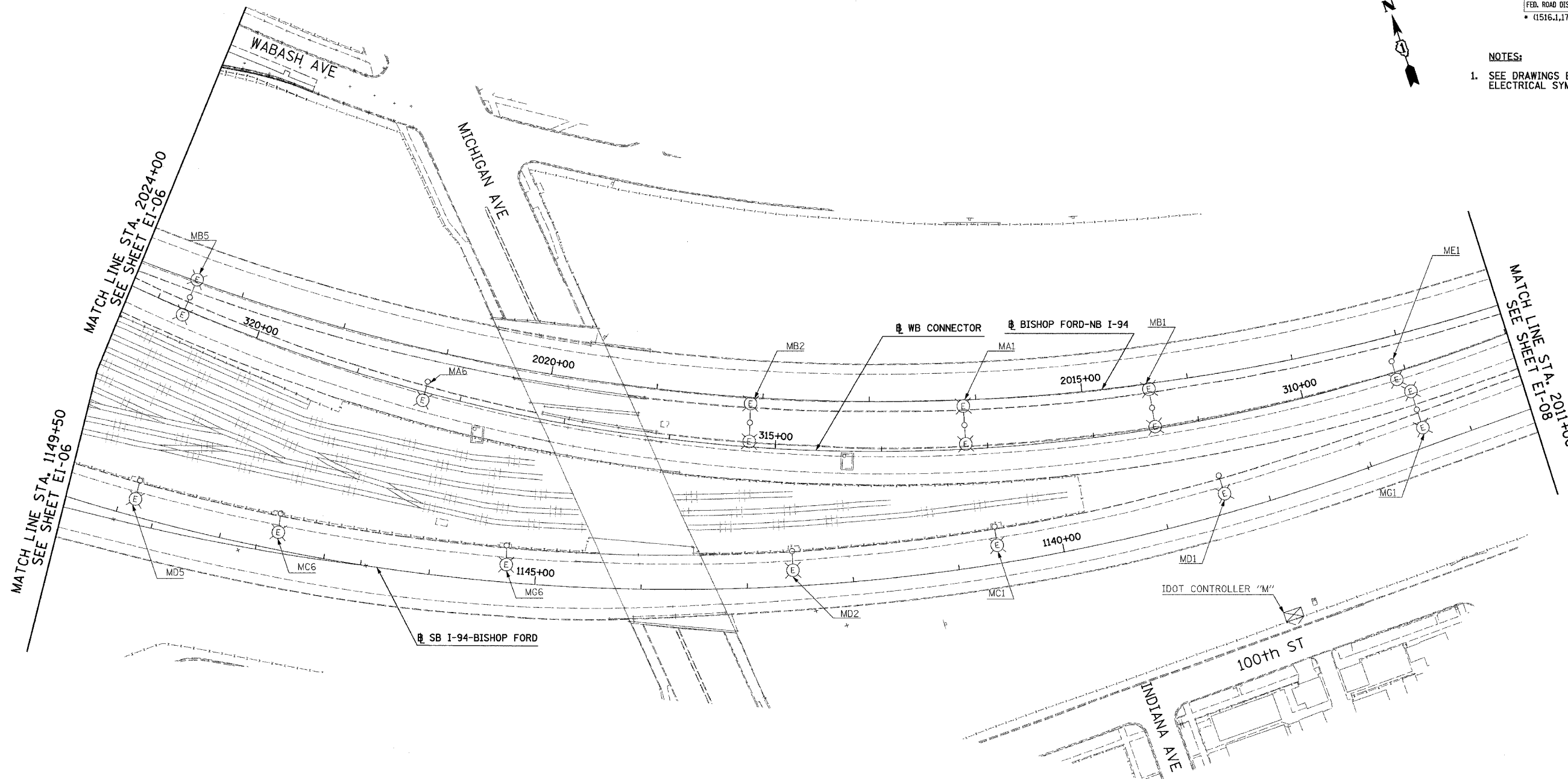
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	382
STA. 2024+00		TO STA. 2011+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		

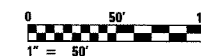


NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET
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17A/EI-07

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REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

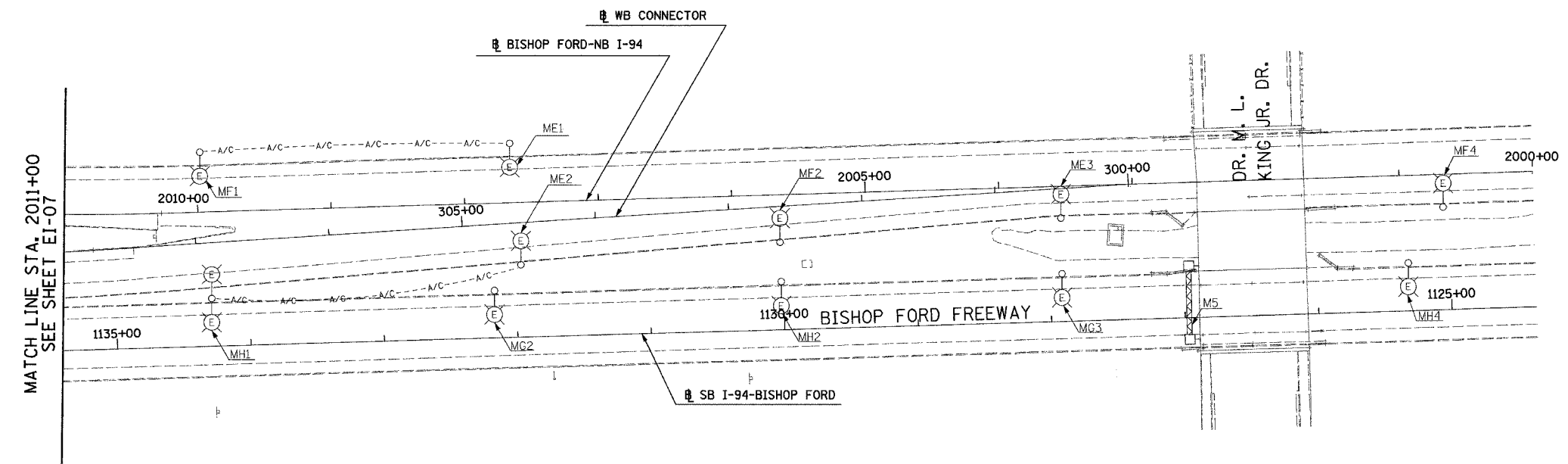
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CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	383
STA. 2011+00	TO STA. 2000+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8			62694	



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



MATCH LINE STA. 2011+00
SEE SHEET EI-07

NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY



17A/EI-08

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NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

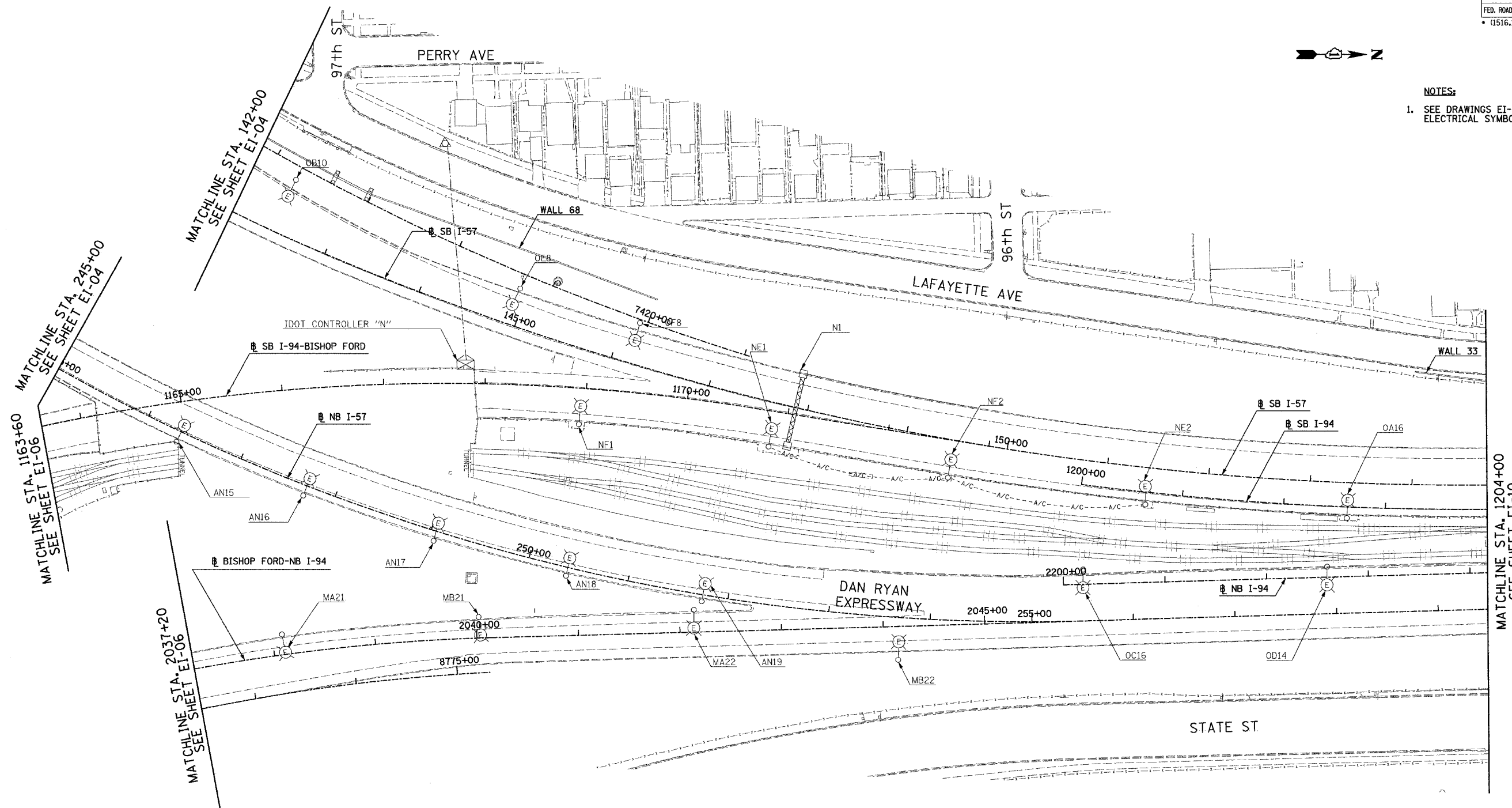
DRAWN BY: VK
CHECKED BY: TM

4/27/2005 11:42:34 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	384
STA. 142+00		TO STA. 1204+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1717 & 1818) R-8		62694		



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



NO ELECTRICAL WORK ON THIS SHEET
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17A/EI-09

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NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

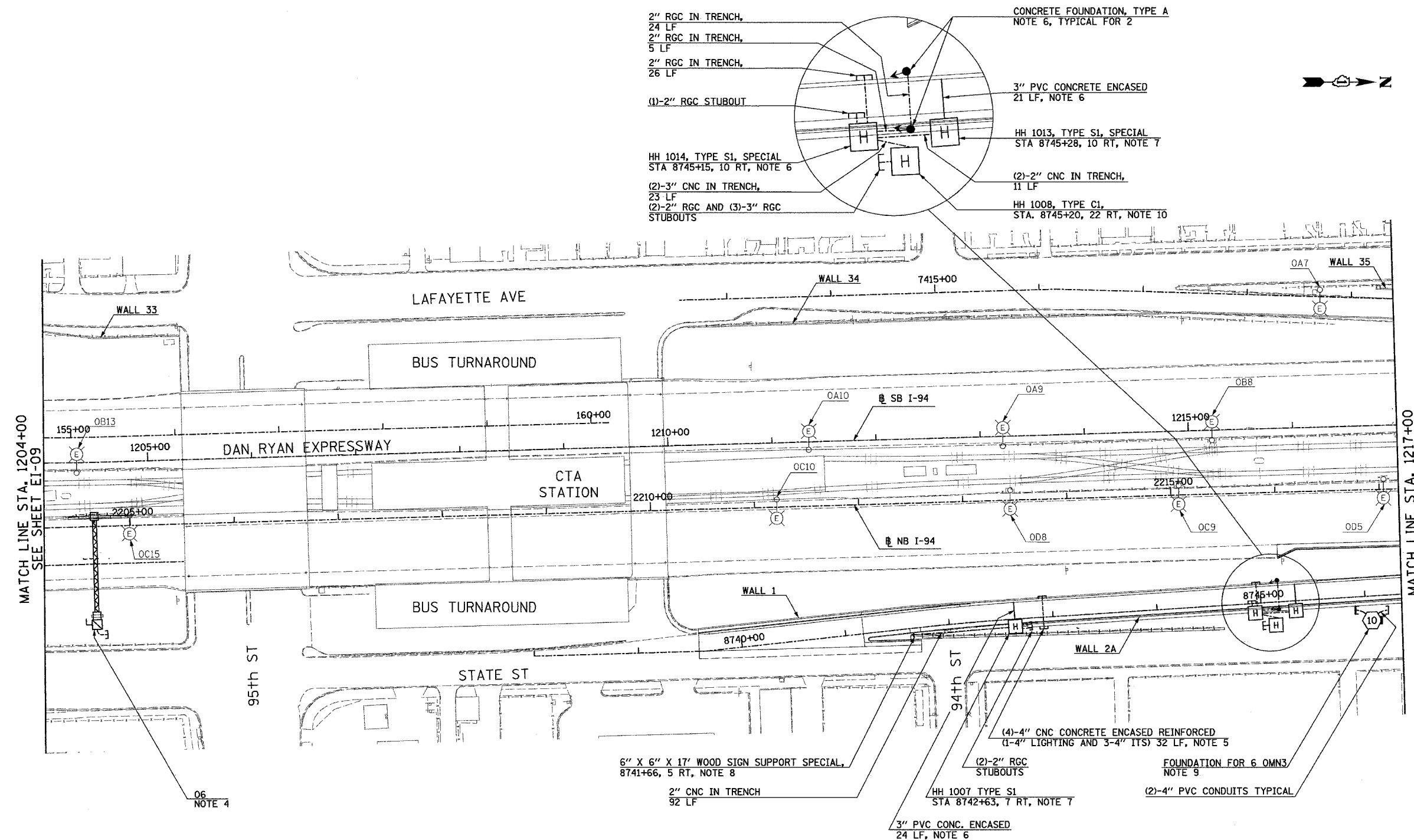
ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

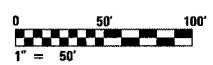
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CHECKED BY: TM

5/5/2005 5:02:51 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	385
STA. 1204+00		TO STA. 1217+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



- NOTES:**
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.
 - REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
 - REFER TO SHEETS EI-106, EI-110 AND EI-113 FOR RAMP METERING DETAILS.
 - REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
 - REFER TO SHEET EI-112 FOR WOOD SIGN SUPPORT DETAILS.
 - REFER TO STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
 - REFER TO SHEET EI-107 FOR COMMUNICATIONS VAULT C1 DETAILS.



17A/EI-10

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 18, 2005 CHECKED BY: TM

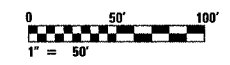
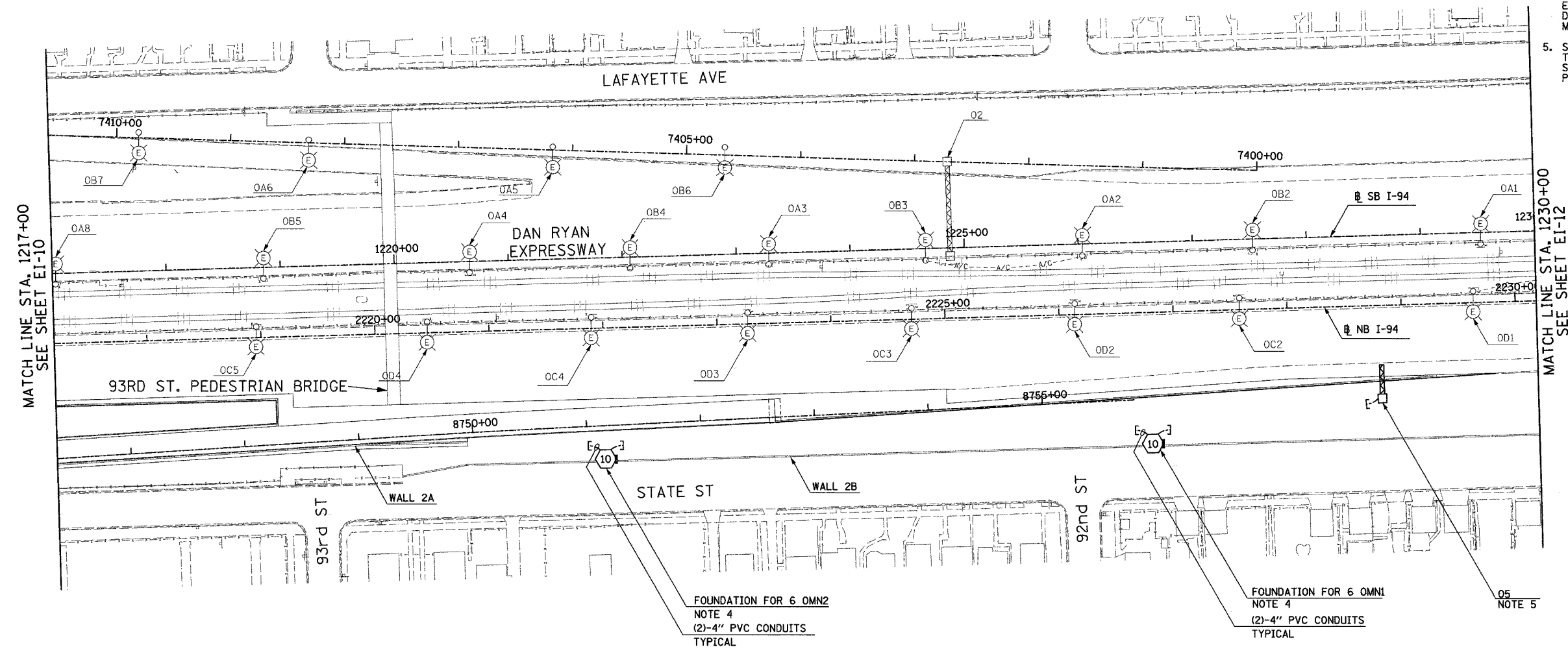
SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
SINGH & ASSOCIATES, INC. FAX: (312) 629-8449
CONSULTING ENGINEERS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	386
STA. 1217+00		TO STA. 1230+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1, 1717 & 1818) R-8		62694		



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - REFER TO STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
 - SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.



17A/EI-11

REVISIONS		
REVISED	NAME	DATE
		5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
 PROPOSED IMPROVEMENTS

SCALE: 1"=50'
 DATE: MARCH 18, 2005

DRAWN BY: VK
 CHECKED BY: TM

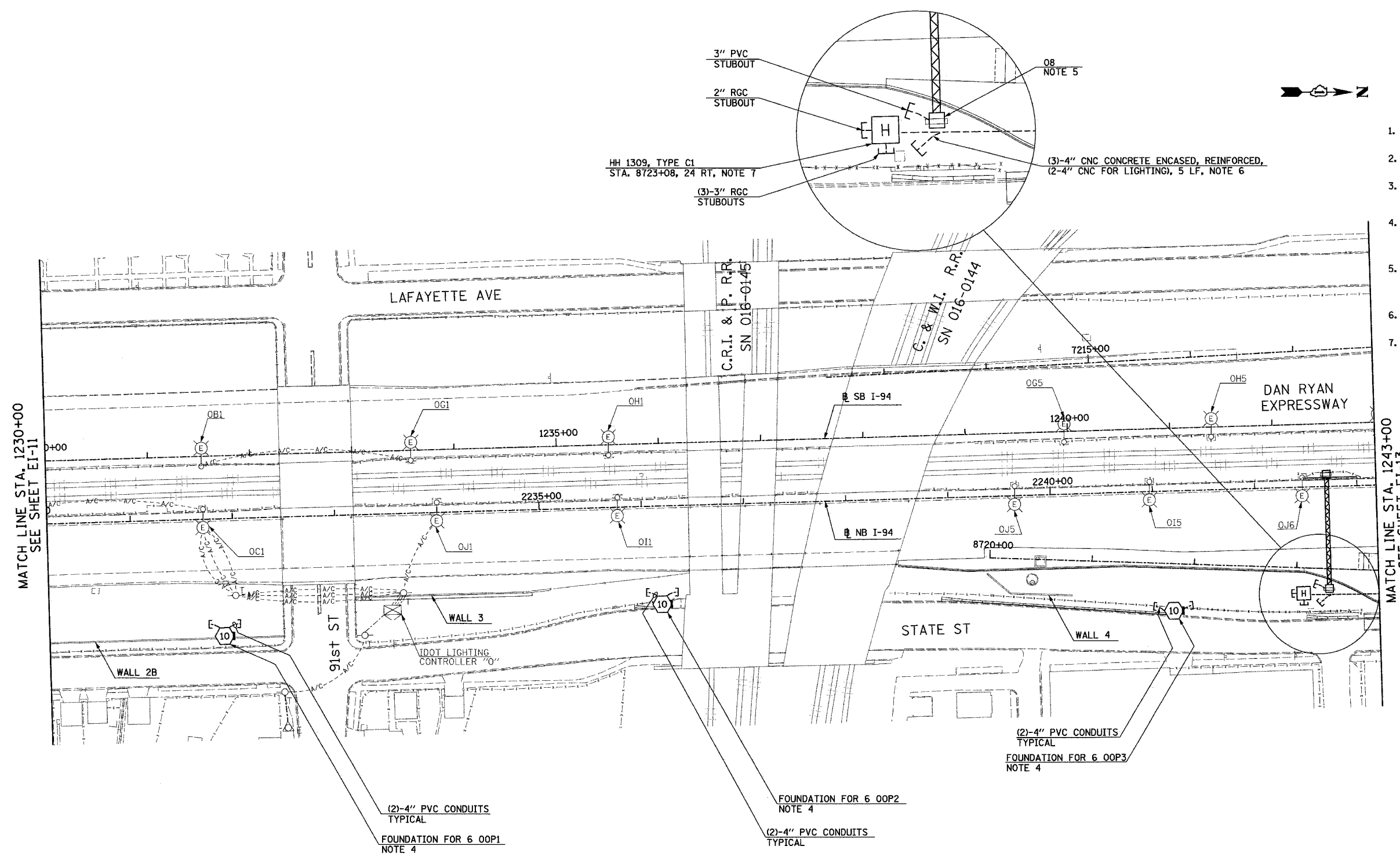
SINGH 300 W. ADAMS ST.
 CHICAGO, IL 60606
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	387
STA. 12030+00		TO STA. 1243+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1,1717 & 1818) R-8				62694

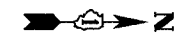
NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- REFER TO STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
- SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.
- REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
- REFER TO SHEET EI-107 FOR COMMUNICATIONS VAULT C1 DETAILS.



MATCH LINE STA. 1230+00
SEE SHEET EI-11

MATCH LINE STA. 1243+00
SEE SHEET EI-13



17A/EI-12

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REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

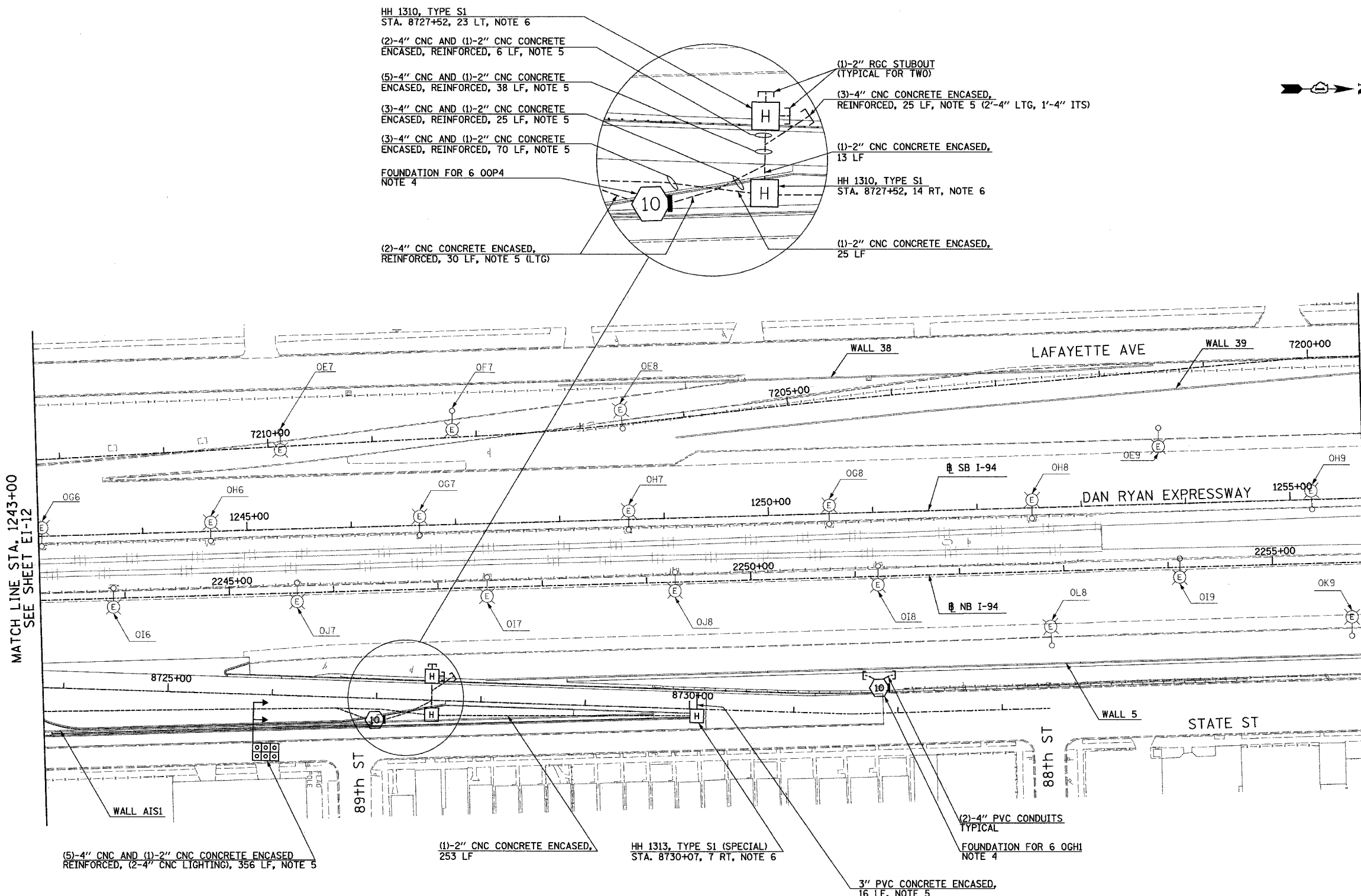
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DATE: MARCH 18, 2005 CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	860	388
STA. 1243+00	TO STA. 1255+70			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516, 1717 & 1818) R-8				62694

NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- REFER TO STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
- REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
- REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.



MATCH LINE STA. 1243+00
SEE SHEET EI-12

MATCH LINE STA. 1255+70
SEE SHEET EI-14



17A/EI-13

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

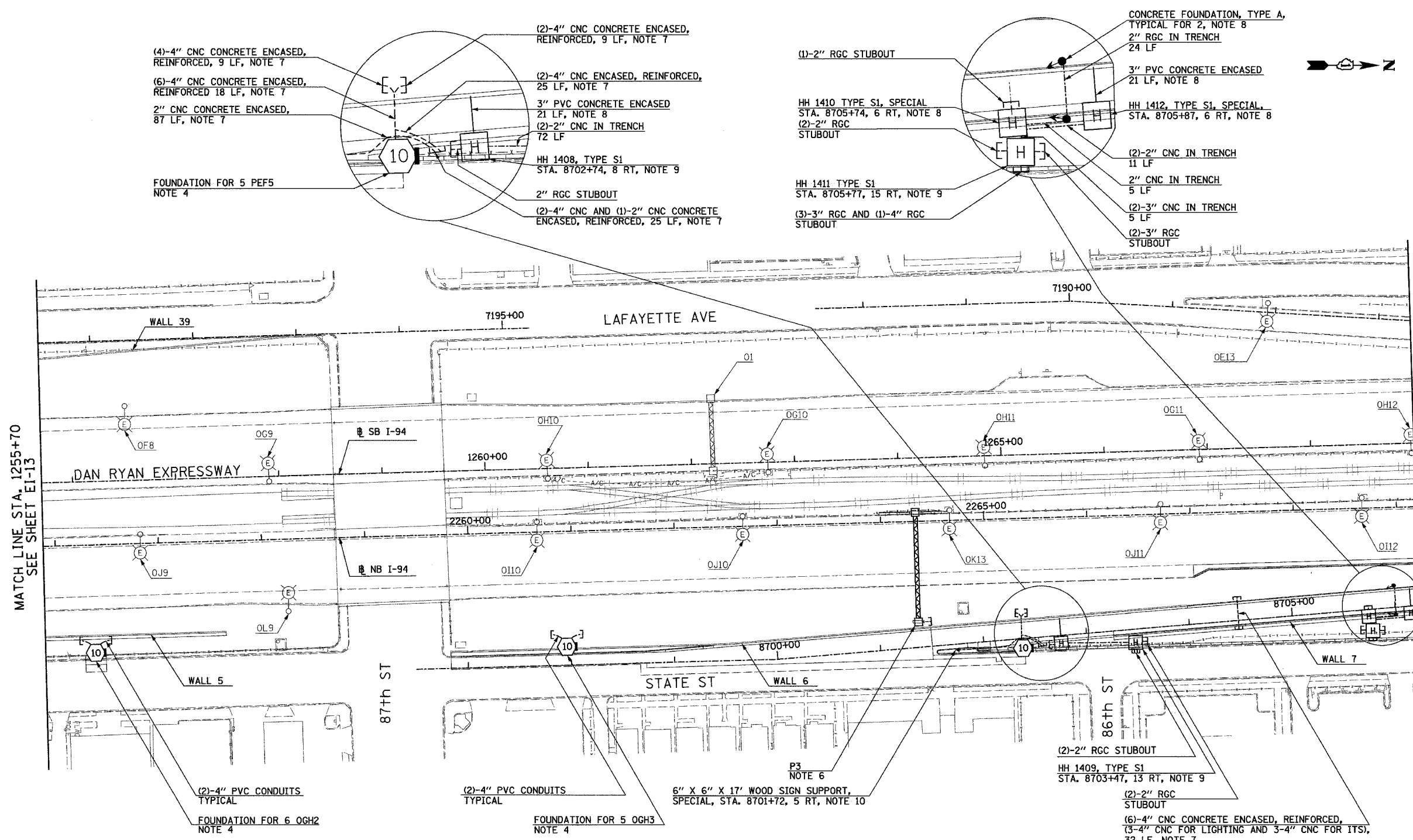
DRAWN BY: VK
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CHICAGO, IL 60606
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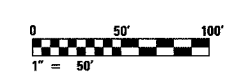
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	389
STA. 1255+70	TO STA. 1269+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8			62694	



- NOTES:**
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - REFER TO STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWERS FOUNDATIONS MOUNTED ON RETAINING WALLS.
 - CONDUIT FOR ALL RETAINING WALL MOUNTED LIGHT TOWERS MUST BE INSTALLED AS SHOWN ON DRAWING EI-104, UNLESS NOTED OTHERWISE.
 - SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.
 - REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
 - REFER TO SHEETS EI-106, EI-110, AND EI-113 FOR RAMP METERING DETAILS.
 - REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
 - REFER TO SHEET EI-112 FOR WOOD SIGN SUPPORT DETAILS.

MATCH LINE STA. 1255+70
SEE SHEET EI-13

MATCHLINE STA. 1269+00
SEE SHEET EI-15



17A/EI-14

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CONSULTING ENGINEERS

300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

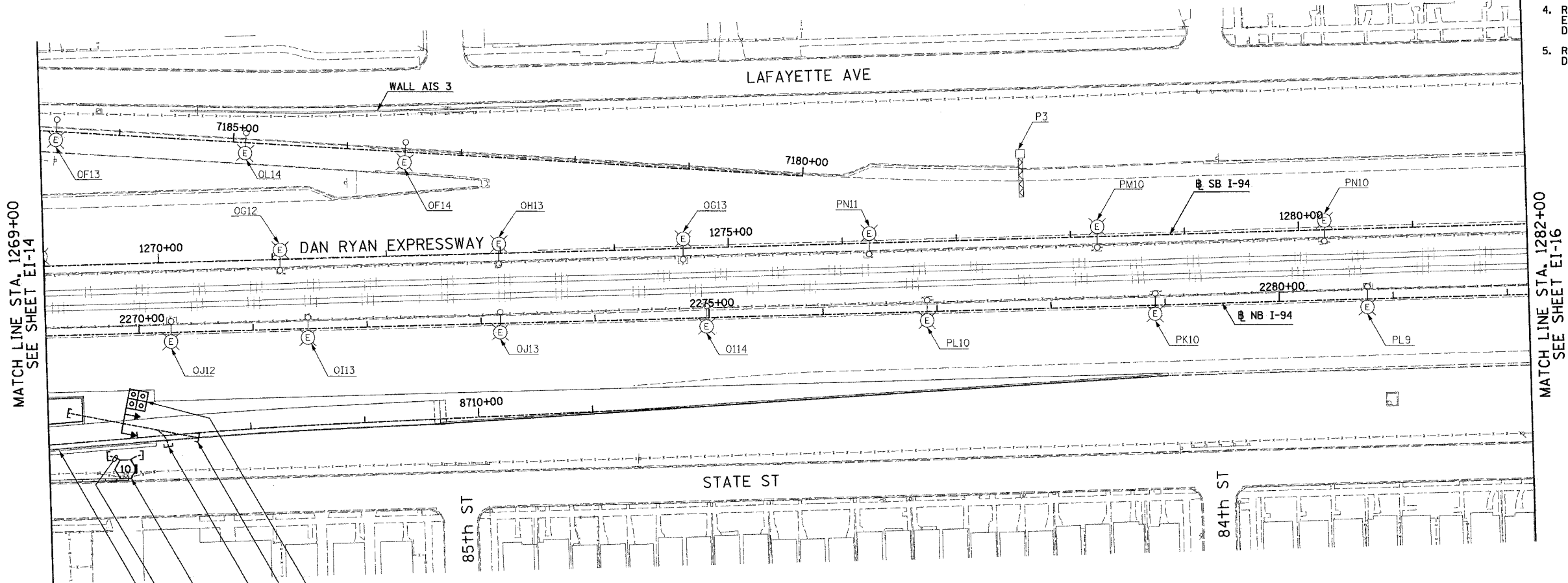
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	390
STA. 1269+00		TO STA. 1282+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1717 & 1818) R-8				62694



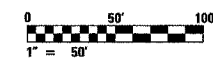
- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - REFER TO STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS
 - REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.



MATCH LINE STA. 1269+00
SEE SHEET EI-14

MATCH LINE STA. 1282+00
SEE SHEET EI-16

- WALL 7
- (2)-4" PVC CONDUITS TYPICAL
- FOUNDATION FOR 5 PEF4 NOTE 4
- (3)-4" CNC AND (1)-3" CNC CONCRETE ENCASED, REINFORCED, (ITS) 80 LF, NOTE 5
- (3)-4" CNC CONCRETE ENCASED, 36 LF, NOTE 5
- 3" RGC CONCRETE ENCASED, 19 LF, NOTE 5



17A/EI-15

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REVISIONS	
REVISION	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

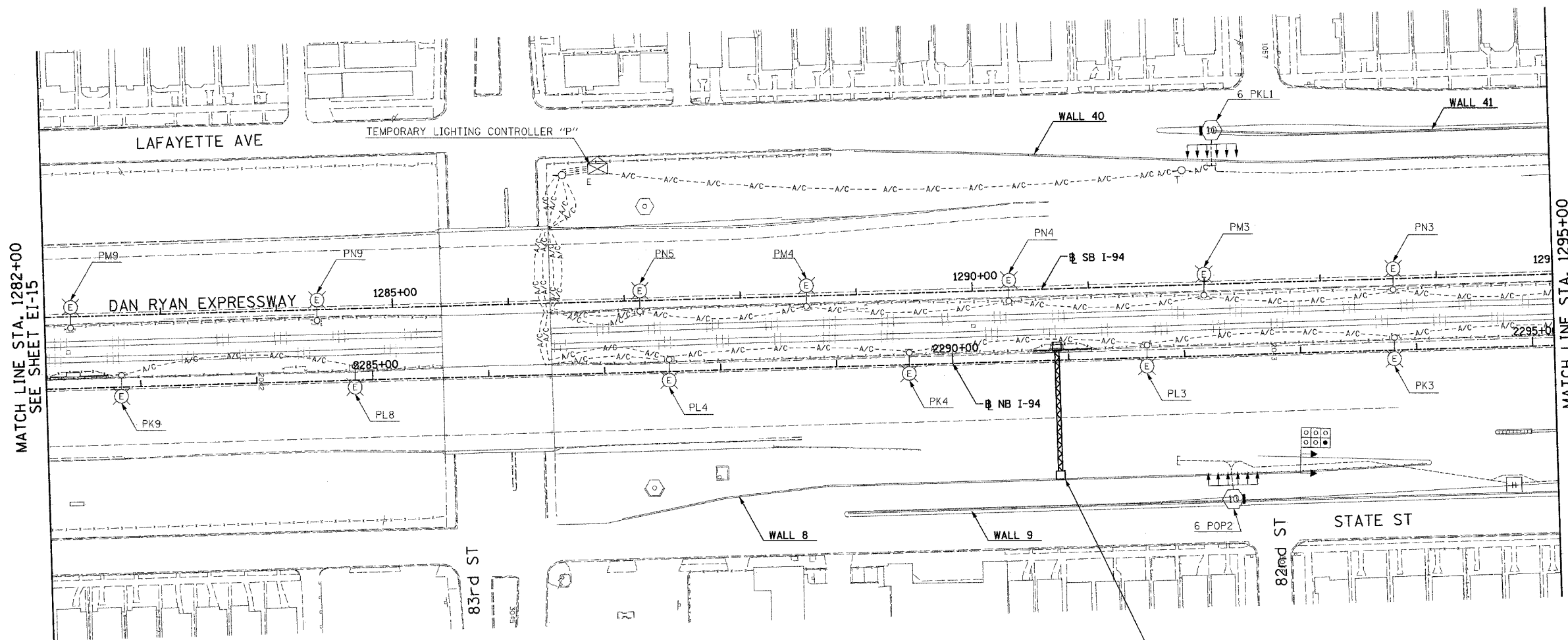
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DATE: MARCH 18, 2005 CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	391
STA. 1282+00		TO STA. 1295+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1, 1717 & 1818) R-8		62694		



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.



MATCH LINE STA. 1282+00
SEE SHEET EI-15

MATCH LINE STA. 1295+00
SEE SHEET EI-17

P6
NOTE 4



SINGH 300 W. ADAMS ST.
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REVISIONS	
NAME	DATE
REVISED	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

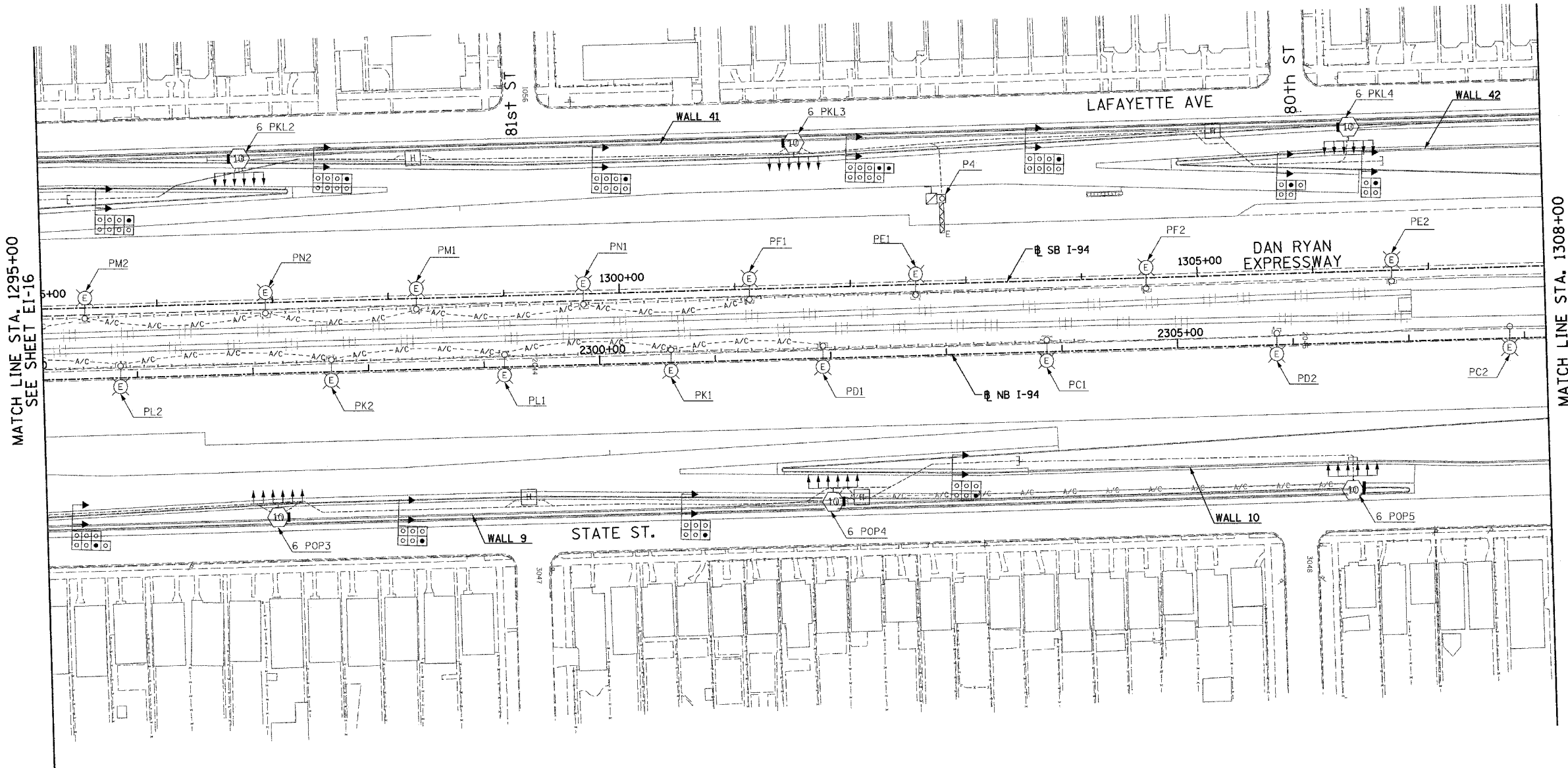
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DATE: MARCH 18, 2005 CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	392
STA. 1295+00		TO STA. 1308+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1, 1717 & 1818) R-8		62694		



- NOTES:
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.



MATCH LINE STA. 1295+00
SEE SHEET EI-16

MATCH LINE STA. 1308+00
SEE SHEET EI-18

NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY



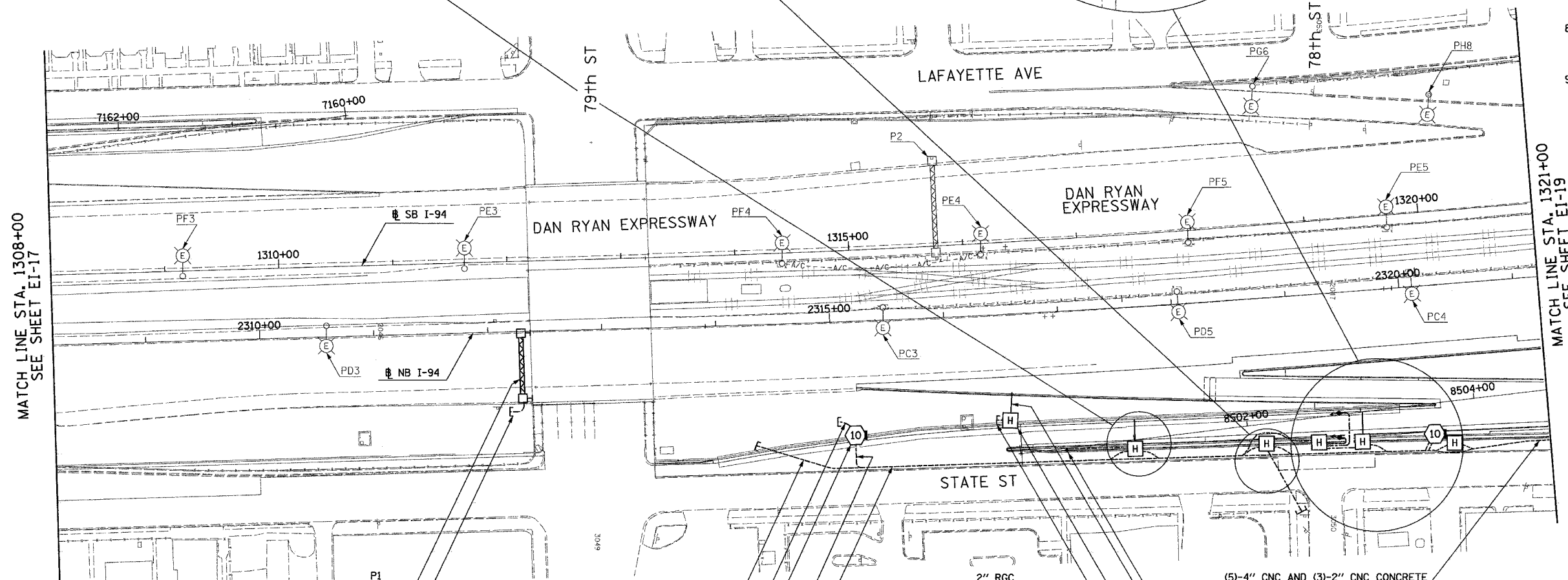
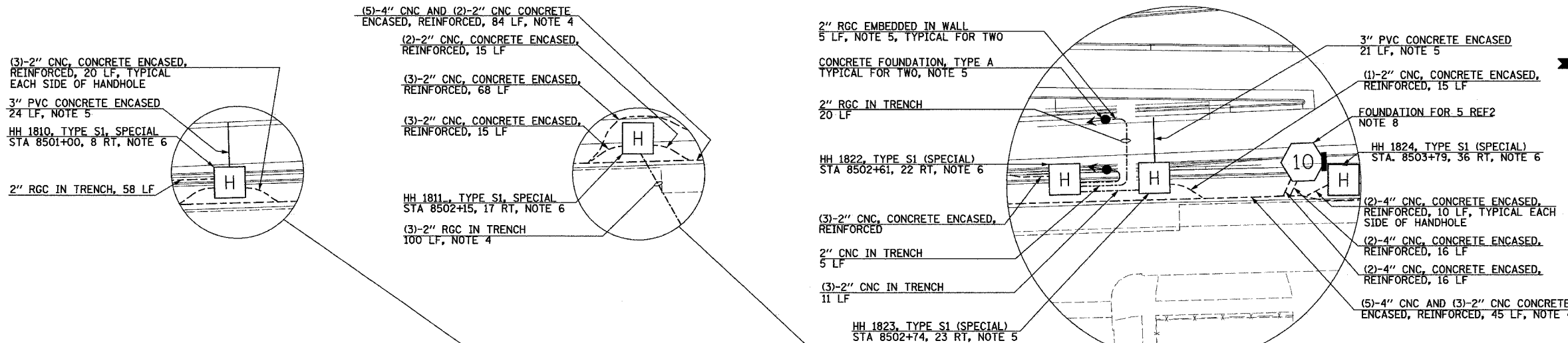
17A/EI-17

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY)	
NAME	DATE		
		ELECTRICAL INFRASTRUCTURE PLANS PROPOSED IMPROVEMENTS	
		SCALE: 1"=50'	DRAWN BY: VK
		DATE: MARCH 18, 2005	CHECKED BY: TM
REVISED	5/06/05		

5/5/2005 5:03:58 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	393
STA. 1308+00		TO STA. 1321+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8		62694		



MATCH LINE STA. 1308+00
SEE SHEET EI-17

MATCH LINE STA. 1321+00
SEE SHEET EI-19

- NOTES:**
- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
 - UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
 - REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
 - REFER TO SHEETS EI-106, EI-110 AND EI-114 FOR RAMP METERING DETAILS.
 - REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
 - SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.
 - REFER TO STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
 - REFER TO SHEET EI-112 FOR WOOD SIGN SUPPORT DETAILS.



17A/EI-18

SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
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REVISIONS	
NAME	DATE
REVISED	5/06/05

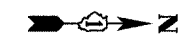
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50' DRAWN BY: YK
DATE: MARCH 18, 2005 CHECKED BY: TM

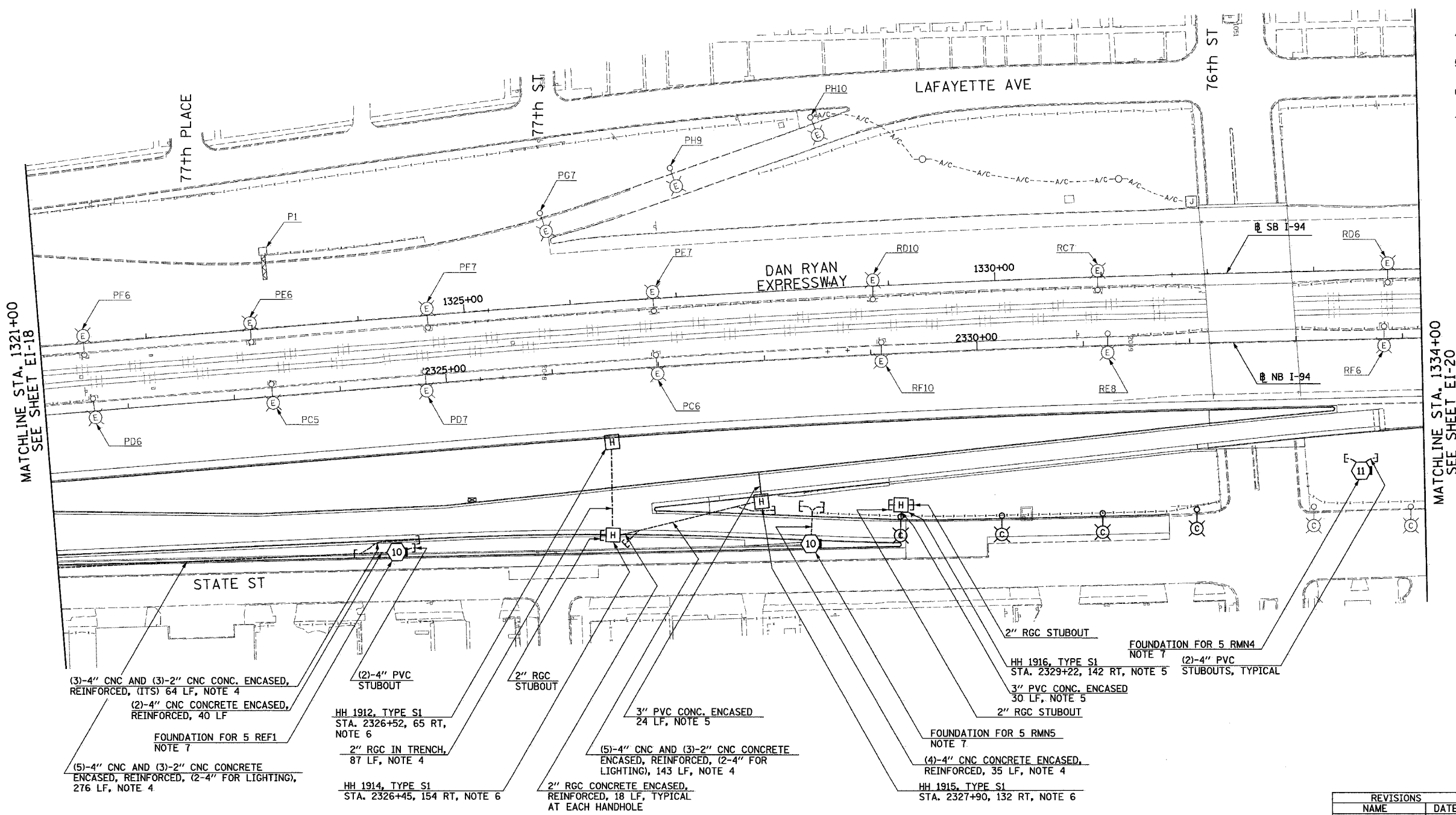
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	394
STA. 1321+00		TO STA. 1334+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8		62694		



NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
- REFER TO SHEETS EI-106, EI-110 AND EI-113 FOR RAMP METERING DETAILS.
- REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
- REFER TO STRUCTURAL DRAWINGS FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS GROUND MOUNTED.



MATCHLINE STA. 1321+00
SEE SHEET EI-18

MATCHLINE STA. 1334+00
SEE SHEET EI-20

(3)-4" CNC AND (3)-2" CNC CONC. ENCASED, REINFORCED, (ITS) 64 LF, NOTE 4
(2)-4" CNC CONCRETE ENCASED, REINFORCED, 40 LF
FOUNDATION FOR 5 REF1
NOTE 7
(5)-4" CNC AND (3)-2" CNC CONCRETE ENCASED, REINFORCED, (2-4" FOR LIGHTING), 276 LF, NOTE 4

(2)-4" PVC STUBOUT
HH 1912, TYPE S1
STA. 2326+52, 65 RT, NOTE 6
2" RGC IN TRENCH, 87 LF, NOTE 4
HH 1914, TYPE S1
STA. 2326+45, 154 RT, NOTE 6

2" RGC STUBOUT
3" PVC CONC. ENCASED 24 LF, NOTE 5
(5)-4" CNC AND (3)-2" CNC CONCRETE ENCASED, REINFORCED, (2-4" FOR LIGHTING), 143 LF, NOTE 4
2" RGC CONCRETE ENCASED, REINFORCED, 18 LF, TYPICAL AT EACH HANDHOLE

2" RGC STUBOUT
FOUNDATION FOR 5 RMN4
NOTE 7
HH 1916, TYPE S1
STA. 2329+22, 142 RT, NOTE 5
3" PVC CONC. ENCASED 30 LF, NOTE 5
2" RGC STUBOUT
FOUNDATION FOR 5 RMNS
NOTE 7
(4)-4" CNC CONCRETE ENCASED, REINFORCED, 35 LF, NOTE 4
HH 1915, TYPE S1
STA. 2327+90, 132 RT, NOTE 6



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REVISIONS	
NAME	DATE
REVISED	5/06/05

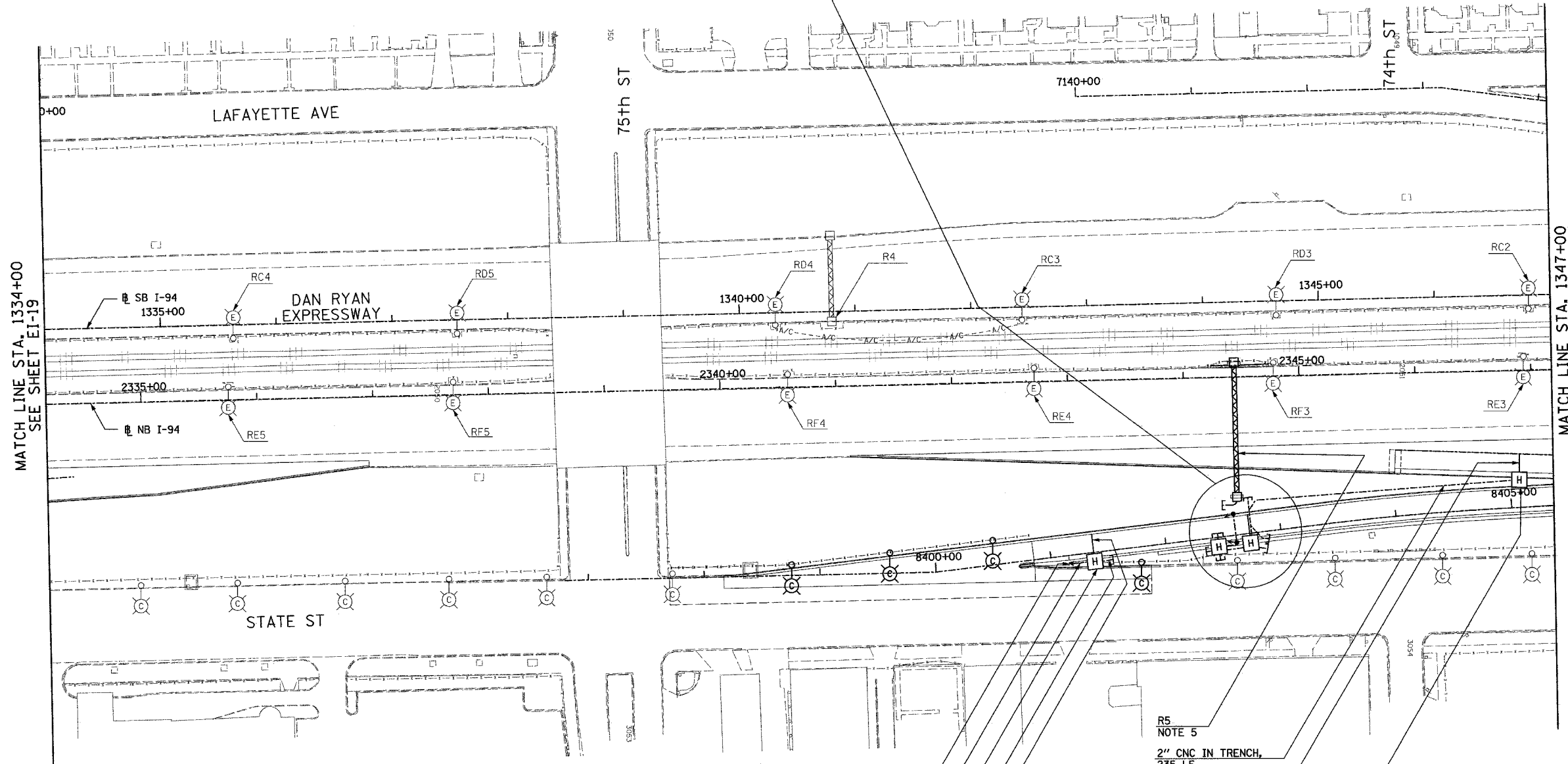
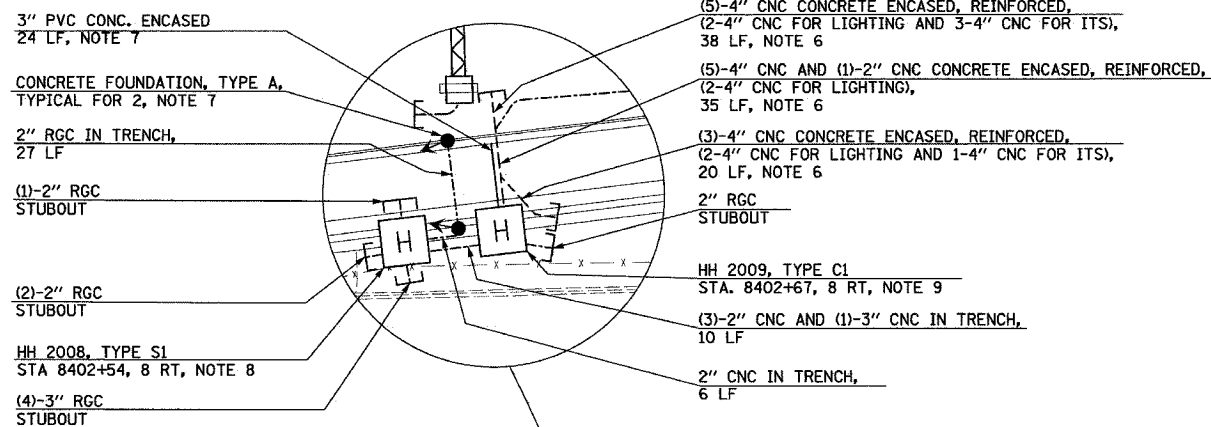
17A/EI-19
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS
SCALE: 1"=50'
DATE: MARCH 18, 2005
DRAWN BY: VK
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4/27/2005 2:16:33 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	395
STA. 1334+00		TO STA. 1347+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516, 1, 1717 & 1818) R-8		62694		

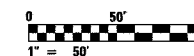
NOTES:

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- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- REFER TO SHEET EI-112 FOR WOOD SIGN SUPPORT DETAILS.
- SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.
- REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
- REFER TO SHEETS EI-106, EI-110, AND EI-113 FOR RAMP METERING DETAILS.
- REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
- REFER TO SHEET EI-107 FOR COMMUNICATIONS VAULT CI DETAILS.



MATCH LINE STA. 1334+00
SEE SHEET EI-19

MATCH LINE STA. 1347+00
SEE SHEET EI-21



17A/EI-20

SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8448

6" X 6" X 17' WOOD SIGN
SUPPORT, SPECIAL, NOTE 4

2" CNC CONCRETE ENCASED,
22 LF

HH 2007 TYPE S1
STA 8401+39, 13 RT, NOTE 8

3" PVC CONC. ENCASED
24 LF, NOTE 7

(2)-2" RGC
STUBOUT

R5
NOTE 5

2" CNC IN TRENCH,
235 LF

3" PVC CONC. ENCASED
22 LF, NOTE 7

HH 2011, TYPE S1
STA. 8405+09, 24 LT, NOTE 8

REVISIONS		DATE
NAME	REVISION	DATE
		5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

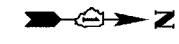
ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

5/5/2005 5:04:26 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	396
STA. 1347+00		TO STA. 1360+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516, 1, 1717 & 1818) R-8		62694		

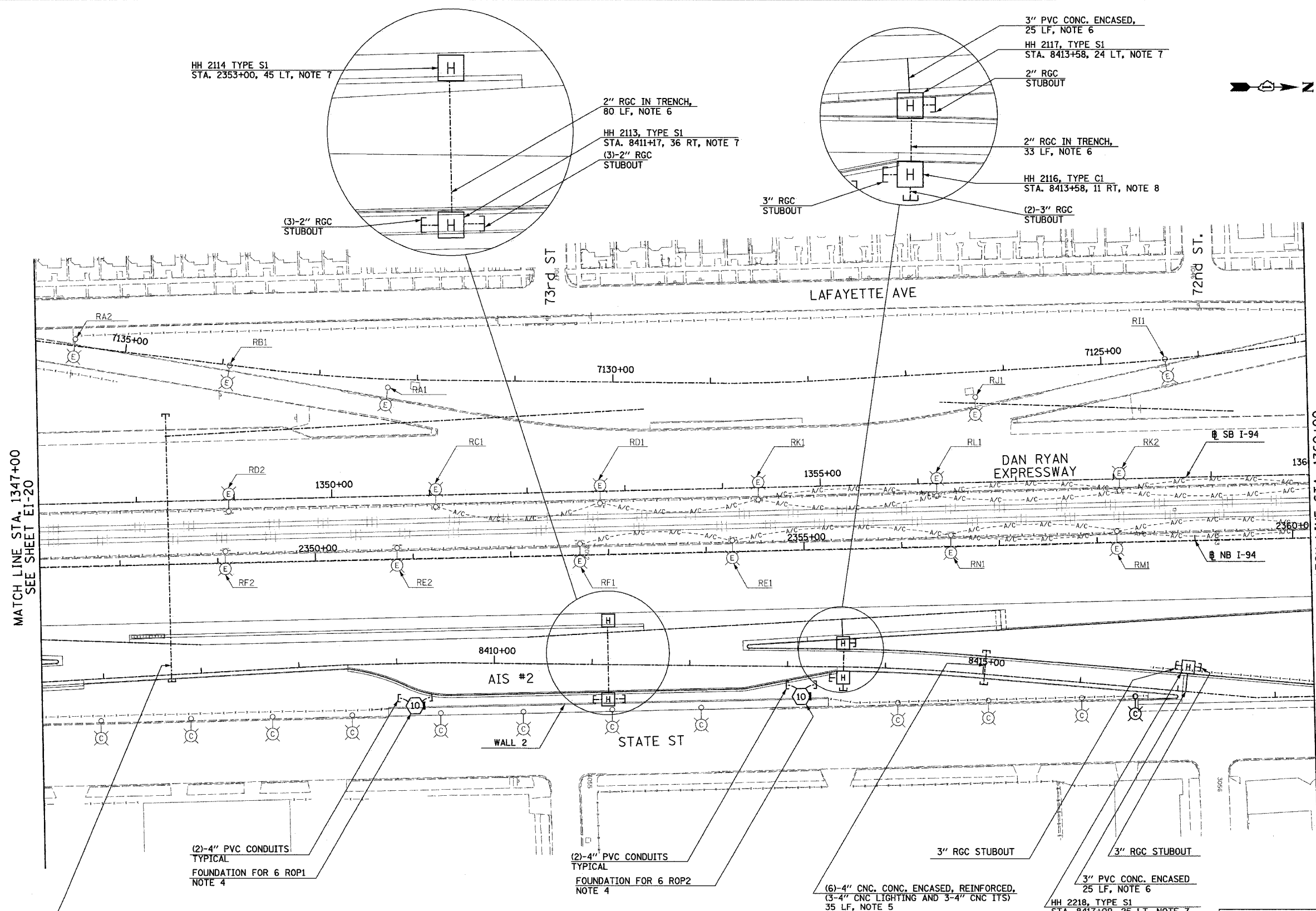


NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- REFER STRUCTURAL DRAWINGS AND EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWERS FOUNDATIONS MOUNTED ON RETAINING WALLS.
- REFER TO SHEETS EI-102 AND ME-04 FOR DUCTBANK INSTALLATION DETAILS.
- REFER TO SHEETS EI-106, EI-110 AND EI-113 FOR RAMP METERING DETAILS.
- REFER TO SHEETS EI-103, EI-106 AND EI-110 FOR HANDHOLE DETAILS.
- REFER TO SHEET EI-107 FOR COMMUNICATIONS VAULT C1 DETAILS.
- SEE EI-22A FOR DIRECTIONAL BORING DETAILS.

MATCH LINE STA. 1347+00
SEE SHEET EI-20

MATCH LINE STA. 1360+00
SEE SHEET EI-22



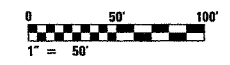
(2)-4" PVC CONDUITS
TYPICAL
FOUNDATION FOR 6 ROP1
NOTE 4

(2)-4" PVC CONDUITS
TYPICAL
FOUNDATION FOR 6 ROP2
NOTE 4

(6)-4" CNC CONC. ENCASED, REINFORCED,
(3-4" CNC LIGHTING AND 3-4" CNC ITS)
35 LF, NOTE 5

3" PVC CONC. ENCASED
25 LF, NOTE 6
HH 2218, TYPE S1
STA. 8417+09, 25 LT, NOTE 7

(2)-6" HDPE DUCTS DIRECTIONAL BORED UNDER
CTA AND NB & SB I-94, NOTE 9, 307 LF



SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
CONSULTING ENGINEERS FAX: (312) 629-8449

REVISIONS	
NAME	DATE
REVISOR	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

**ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS**

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
CHECKED BY: TM

17A/EI-21

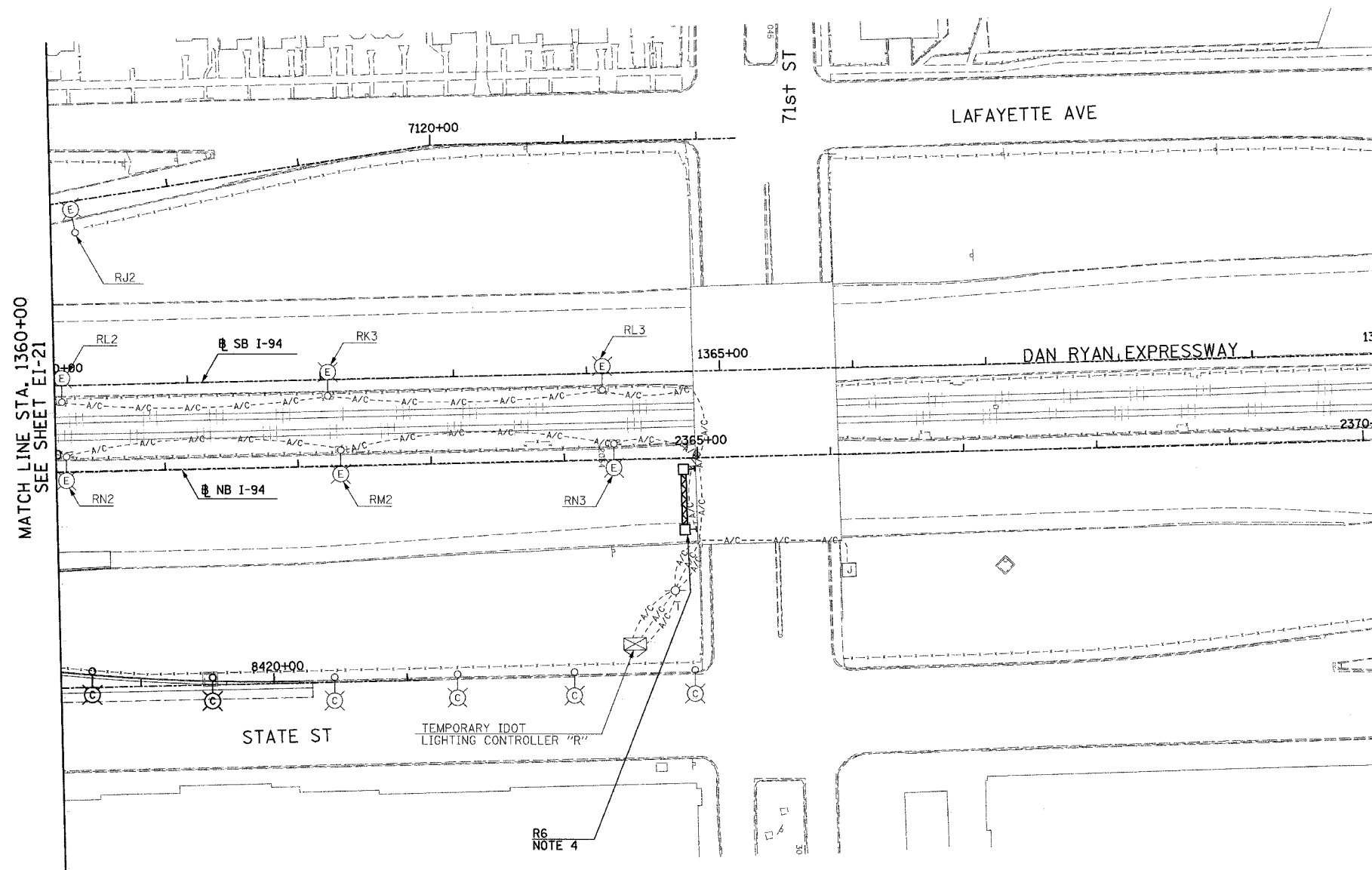
5/5/2005 5:04:32 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	860	397
STA. 1360+00	TO STA. 1366+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516,1,1717 & 1818) R-8			62694	

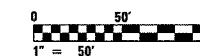


NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- COORDINATE ALL WORK WITH IDOT CONTRACTS 62583 AND 62695.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED NEW ITEMS AND WORK.
- SIGN STRUCTURE SHALL BE PROVIDED UNDER THIS CONTRACT. SIGN LUMINAIRES, DISCONNECT SWITCH, WIRING AND CONNECTIONS SHALL BE PROVIDED UNDER CONTRACT 62583.



MATCH LINE STA. 1360+00
SEE SHEET EI-21



17A/EI-22

REVISIONS	
NAME	DATE
REVISOR	5/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 18, 2005

DRAWN BY: VK
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	399
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717 & 1818) R-8		62694		

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE (NOTE 1)

HIGH MAST LIGHT TOWER IDENTIFICATION	TOWER LOCATION		TOP OF FDN. ELEV.	BOTTOM ELEVATION	DESIGN DEPTH (D)	FOUNDATIONS INSTALLED IN CONTRACT	TOWERS INSTALLED IN CONTRACT	REMARKS	CONCRETE CURB, TYPE B
	STATION	OFFSET							
6 OMN4	2210+40.00	RT 84.00'	1.72	-20.28	22'	62583	62583	GROUND MOUNTED	YES
6 OMN3	2216+89.80	RT 124.90'				62694	62583	WALL MOUNTED IN EXISTING RETAINING WALL	
6 OIJ4	1210+23.00	LT 84.00'	2.50	-18.50	21'	62583	62583	GROUND MOUNTED	YES
6 OIJ3	1216+86.31	LT 132.13'				62695	62583	WALL MOUNTED	
6 OIJ2	1221+75.11	LT 132.18'				62695	62583	WALL MOUNTED	
6 OIJ1	1226+66.25	LT 100.24'	3.69		30'	62695	62583	GROUND MOUNTED	YES
6 OMN2	2221+99.30	RT 114.60'				62694	62583	WALL MOUNTED	
6 OMN1	2226+79.30	RT 114.60'				62694	62583	WALL MOUNTED	
6 OKL1	1231+80.70	LT 96.40'	2.02	-20.98	23'	62583	62583	GROUND MOUNTED	YES
6 OKL2	1236+00.00	LT 97.70'	-2.46	-24.46	22'	62583	62583	GROUND MOUNTED	
6 OKL3	1240+99.00	LT 110.80'	5.66	-13.34	19'	62583	62583	GROUND MOUNTED	
6 OOP1	2231+89.30	RT 114.60'				62694	62583	WALL MOUNTED	
6 OOP2	2236+18.00	RT 95.80'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 OOP3	2241+17.80	RT 116.90'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 OKL4	1246+01.06	LT 127.96'				62695	62583	GROUND MOUNTED IN KNEE WALL	
6 OCD1	1250+99.93	LT 127.96'				62695	62583	WALL MOUNTED	
6 OOP4	2246+35.80	RT 123.40'				62694	62583	WALL MOUNTED	
6 OGH1	2251+20.00	RT 106.20'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 OCD2	1255+99.67	LT 99.84'	-7.27		30'	62695	62583	GROUND MOUNTED	YES
6 PAB4	1260+65.70	LT 101.00'	2.33	-17.67	20'	62583	62583	GROUND MOUNTED	YES
5 PAB3	1265+14.80	LT 100.20'	1.92	-23.08	25'	62583	62583	GROUND MOUNTED	YES
6 OGH2	2256+36.50	RT 104.50'				62694	62583	WALL MOUNTED IN EXISTING RETAINING WALL	
5 OGH3	2260+92.90	RT 111.70'				62694	62583	WALL MOUNTED	
5 PEF5	2265+34.70	RT 125.80'				62694	62583	GROUND MOUNTED IN KNEE WALL	
5 PAB2	1269+51.88	LT 133.04'				62695	62583	GROUND MOUNTED IN KNEE WALL	
5 PAB1	1274+15.90	LT 104.10'	8.49	-16.51	25'	62583	62583	GROUND MOUNTED	
5 PIJ3	1278+64.70	LT 99.90'	3.51	-15.49	19'	62583	62583	GROUND MOUNTED	
5 PEF4	2269+84.66	RT 124.19'				62694	62583	GROUND MOUNTED IN KNEE WALL	
5 PEF3	2274+34.10	RT 100.70'	5.07	-17.93	23'	62583	62583	GROUND MOUNTED	
5 PEF2	2278+85.30	RT 102.00'	3.48	-15.52	19'	62583	62583	GROUND MOUNTED	
5 PEF1	2283+34.00	RT 100.70'	-5.29	-24.29	19'	62583	62583	GROUND MOUNTED	YES
6 POP1	2287+40.00	RT 100.00'	-3.64			62594	62583	GROUND MOUNTED WITH RETAINING WALL	
6 POP2	2292+38.70	RT 123.95'				62594	62594	WALL MOUNTED	
5 PIJ2	1283+15.50	LT 100.10'	-0.47	-19.47	19'	62583	62583	GROUND MOUNTED	YES
6 PIJ1	1287+20.00	LT 81.00'	-6.43			62594	62583	GROUND MOUNTED	YES

- NOTES:**
- SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR FOUNDATION DETAILS.
 - CONTRACTOR TO VERIFY SOIL CONDITIONS AT THE TIME OF FOUNDATION EXCAVATION AGAINST THE "SOIL CONDITIONS" TABLE ON STANDARD DETAIL BE501 AND MODIFY THE DESIGN DEPTH "D" AND BOTTOM ELEVATION AS NECESSARY.
 - SEE STRUCTURAL SHEETS UNDER CONTRACT 62594, 62694 AND 62695 FOR WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.

ES-02

REVISIONS	
NAME	DATE

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

HIGH MAST TOWER FOUNDATION
SCHEDULE - SOUTH SECTION
SHEET 2

SCALE: NONE DRAWN BY: VG
DATE: CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	400
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-8				62694

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE (NOTE 1)

HIGH MAST LIGHT TOWER IDENTIFICATION	TOWER LOCATION		TOP OF FDN. ELEV.	BOTTOM ELEVATION	DESIGN DEPTH (D)	FOUNDATIONS INSTALLED IN CONTRACT	TOWERS INSTALLED IN CONTRACT	REMARKS	CONCRETE CURB, TYPE B
	STATION	OFFSET							
6 PKL1	1292+09.97	LT 132.42'				62594	62594	WALL MOUNTED	
6 PKL2	1296+74.27	LT 124.79'				62594	62594	WALL MOUNTED	
6 PKL3	1301+54.27	LT 124.79'				62594	62594	WALL MOUNTED	
6 PKL4	1306+34.27	LT 124.79'				62594	62594	WALL MOUNTED	
6 POP3	2297+18.70	RT 123.95'				62594	62594	WALL MOUNTED	
6 POP4	2301+98.70	RT 123.95'				62594	62594	WALL MOUNTED	
6 PGH1	2306+48.22	RT 126.99'				62594	62594	WALL MOUNTED	
6 PCD1	1311+20.00	LT 91.00'	-6.25			62594	62583	GROUND MOUNTED WITH RETAINING WALL	
5 PCD4	1315+10.01	LT 111.83'				62695	62583	WALL MOUNTED	
5 RAB3	1319+91.53	LT 122.14'				62695	62583	WALL MOUNTED	
6 PGH2	2311+20.20	RT 103.61'				62594	62583	WALL MOUNTED	
5 PGH2	2315+19.00	RT 99.90'				62694	62583	WALL MOUNTED	
5 REF2	2320+21.30	RT 129.90'				62694	62583	WALL MOUNTED	
5 RAB2	1324+11.13	LT 140.39'				62695	62583	WALL MOUNTED	
5 RAB1	1328+85.31	LT 164.02'				62695	62583	WALL MOUNTED	
5 RIJ4	1333+40.00	LT 116.08'	-		30'	62695	62583	GROUND MOUNTED	YES
5 REF1	2324+40.50	RT 154.40'				62694	62583	WALL MOUNTED	
5 RMN5	2328+34.00	RT 174.00'				62694	62583	WALL MOUNTED	
5 RMN4	2333+58.11	RT 107.52'	-			62694	62583	GROUND MOUNTED	YES
5 RIJ3	1337+90.00	LT 100.50'	-5.04	-25.04	20'	62583	62583	GROUND MOUNTED	
6 RIJ2	1342+15.00	LT 109.70'	-0.20	-20.20	20'	62583	62583	GROUND MOUNTED	
6 RIJ1	1346+40.00	LT 118.20'	2.91	-18.09	21'	62583	62583	GROUND MOUNTED	
5 RMN3	2338+10.00	RT 99.00'	-2.99	-22.99	20'	62583	62583	GROUND MOUNTED	
6 RMN2	2342+34.70	RT 104.00'	-0.61	-21.61	21'	62583	62583	GROUND MOUNTED	
6 RMN1	2346+60.00	RT 149.30'	3.82	-17.18	21'	62583	62583	GROUND MOUNTED WITH RETAINING WALL	
6 RKL1	1350+64.40	LT 154.60'	1.47	-18.53	20'	62583	62583	GROUND MOUNTED	YES
6 RKL2	1354+90.00	LT 145.80'	6.88	-14.12	21'	62583	62583	GROUND MOUNTED	
6 RKL3	1359+40.40	LT 156.10'	5.33	-15.67	21'	62583	62583	GROUND MOUNTED	
6 ROP1	2350+98.70	RT 154.50'				62694	62583	WALL MOUNTED	
6 ROP2	2354+93.70	RT 154.50'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 ROP3	2359+39.70	RT 117.40'	4.83	-15.17	20'	62583	62583	GROUND MOUNTED	
6 RCD1	1363+38.00	LT 111.50'	-1.88	-20.88	19'	62583	62583	GROUND MOUNTED	
6 RGH1	2363+59.70	RT 112.20'	-1.24	-21.24	20'	62583	62583	GROUND MOUNTED	

- NOTES:**
- SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR FOUNDATION DETAILS.
 - CONTRACTOR TO VERIFY SOIL CONDITIONS AT THE TIME OF FOUNDATION EXCAVATION AGAINST THE "SOIL CONDITIONS" TABLE ON STANDARD DETAIL BE501 AND MODIFY THE DESIGN DEPTH "D" AND BOTTOM ELEVATION AS NECESSARY.
 - SEE STRUCTURAL SHEETS UNDER CONTRACT 62594, 62694 AND 62695 FOR WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.

ES-03

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

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

**HIGH MAST TOWER FOUNDATION
SCHEDULE - SOUTH SECTION
SHEET 2**

SCALE: NONE DRAWN BY: VG
DATE: CHECKED BY: TM

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