

MATCHLINE SB STA. 1253+00.00

MATCHLINE SB STA. 1259+00.00

PAVEMENT MARKING NOTES:

- PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE STANDARD TC-12. RAISED PAVEMENT MARKERS SHALL NOT BE INSTALLED, EXCEPT AS SHOWN ON THE PLANS.
- THE RESIDENT ENGINEER SHALL CONTACT JULIA FOX (847) 705-4151, EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, PRIOR TO PLACING ANY PAVEMENT MARKINGS.

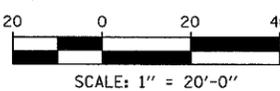
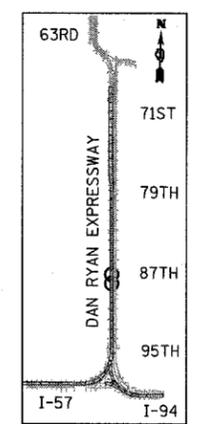
TYLIN INTERNATIONAL

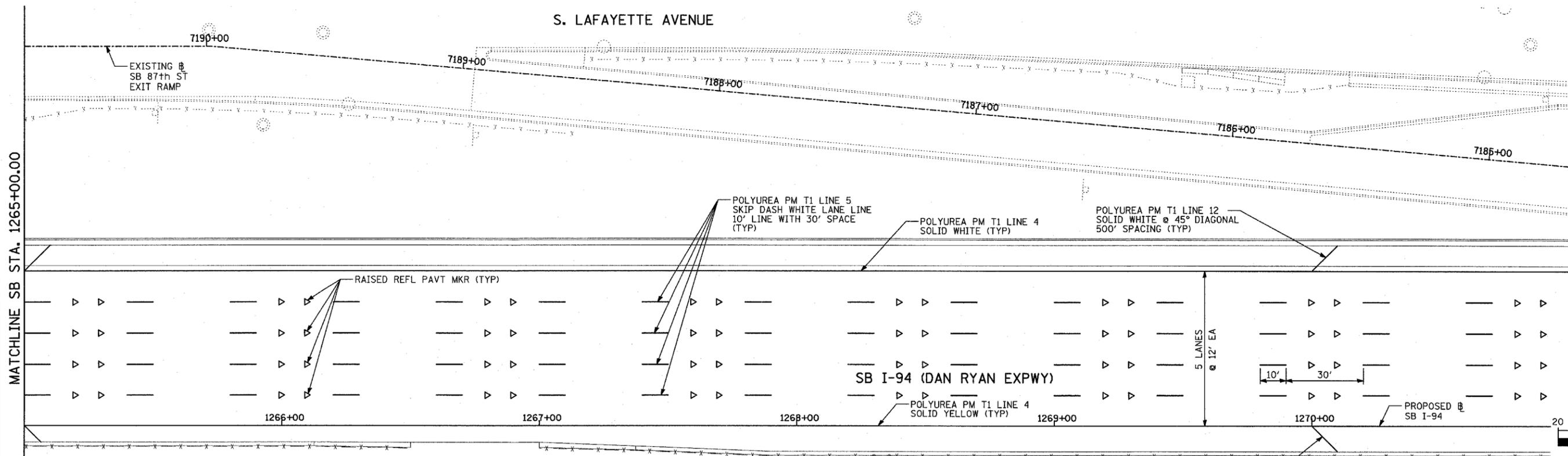
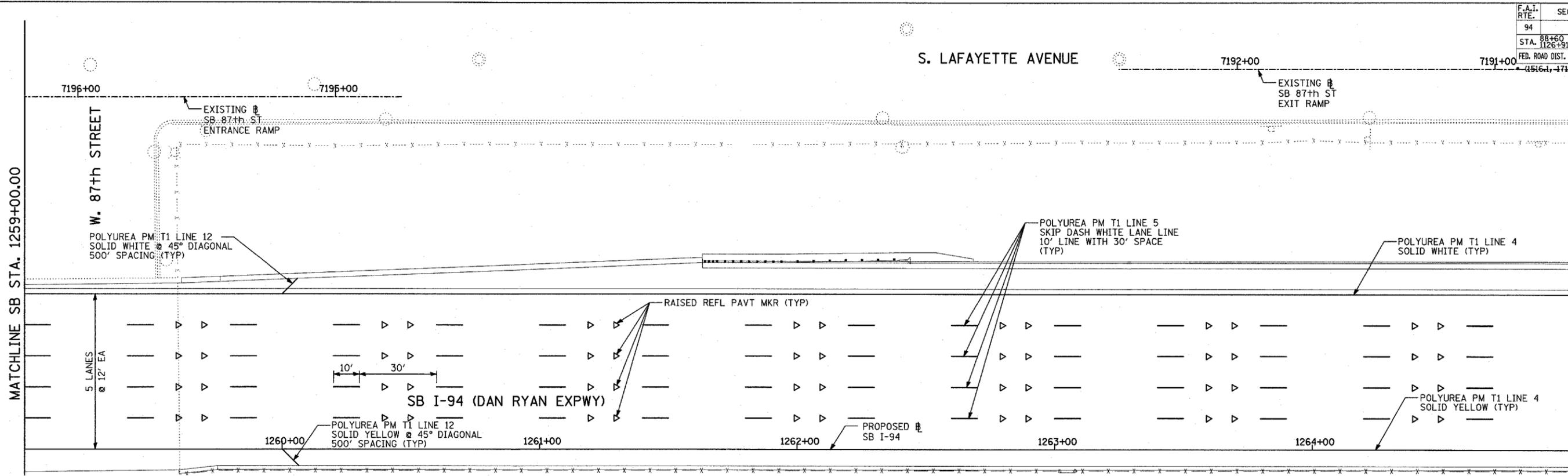
* MATCH WITH EXISTING PAVEMENT MARKING AT THIS POINT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1247+00.00 TO 1259+00.00
SHEET 14 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG





PAVEMENT MARKING NOTES:

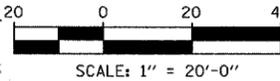
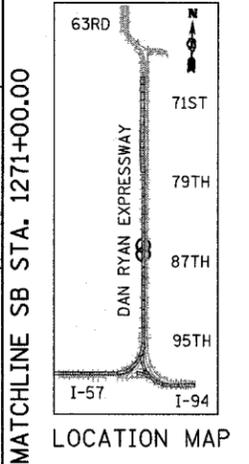
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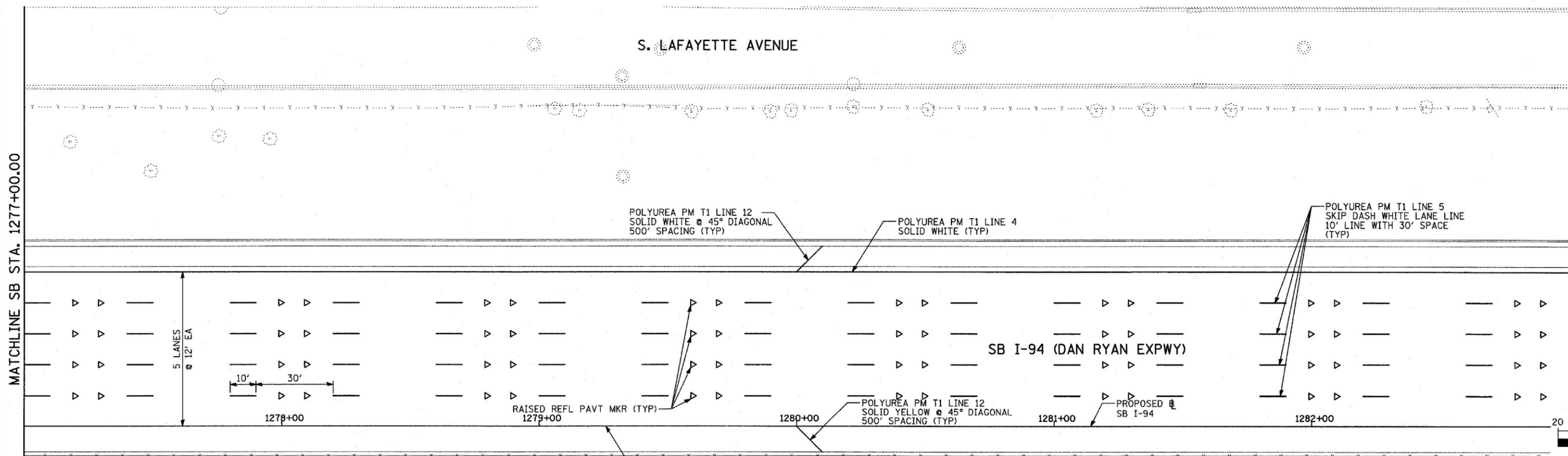
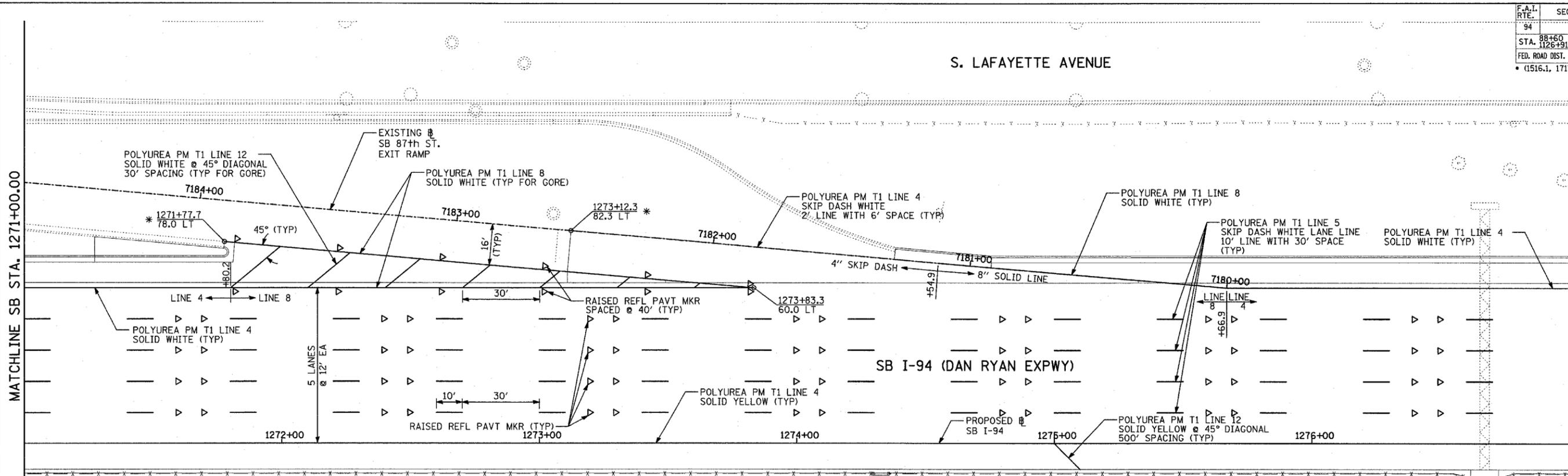
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1259+00.00 TO 1271+00.00
SHEET 15 OF 25

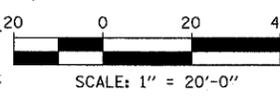
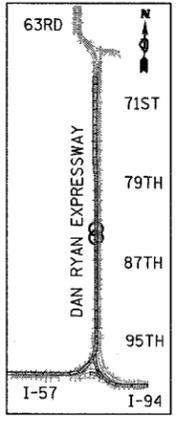
SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JUS
CHECKED BY: MPG





MATCHLINE SB STA. 1277+00.00

MATCHLINE SB STA. 1283+00.00



PAVEMENT MARKING NOTES:

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TYLIN INTERNATIONAL

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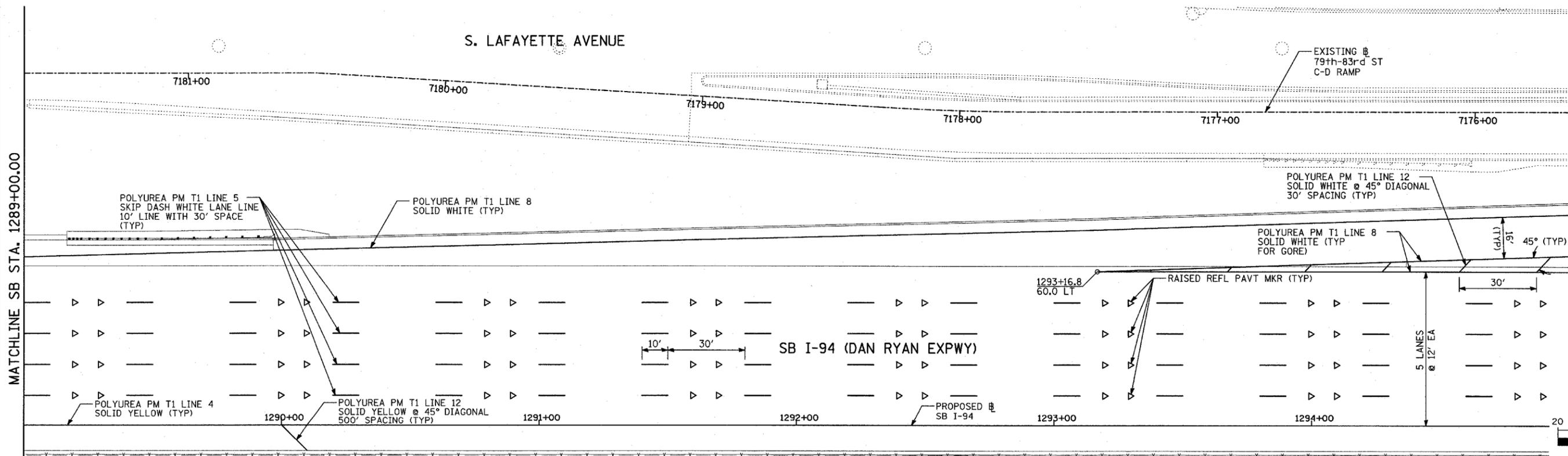
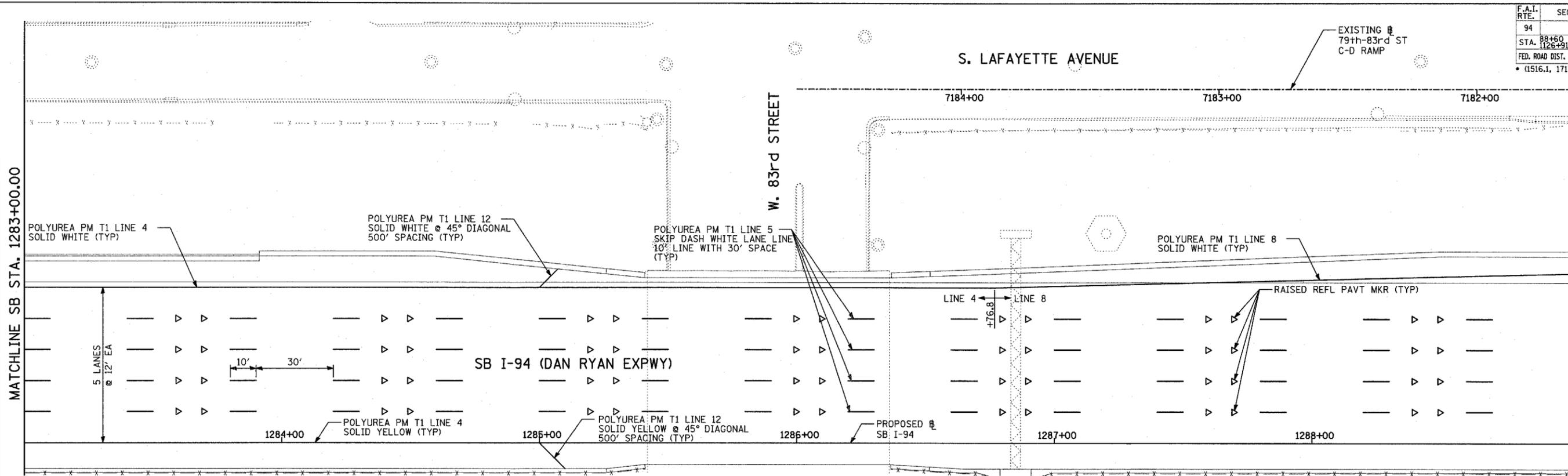
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1271+00.00 TO 1283+00.00
SHEET 16 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006

DRAWN BY: JJS
 CHECKED BY: MPG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	404
STA. 88+50 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
(1516.1, 1717, & 1818) R-5 62593				



MATCHLINE SB STA. 1289+00.00

MATCHLINE SB STA. 1295+00.00

PAVEMENT MARKING NOTES:

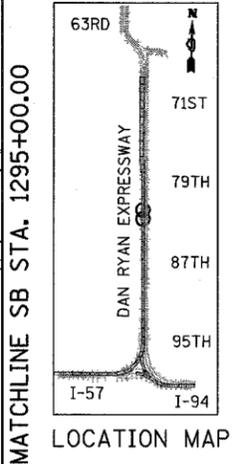
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TYLIN INTERNATIONAL

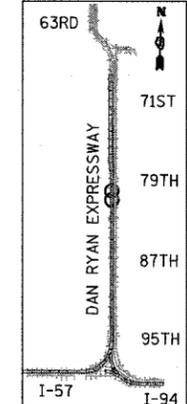
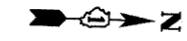
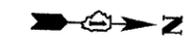
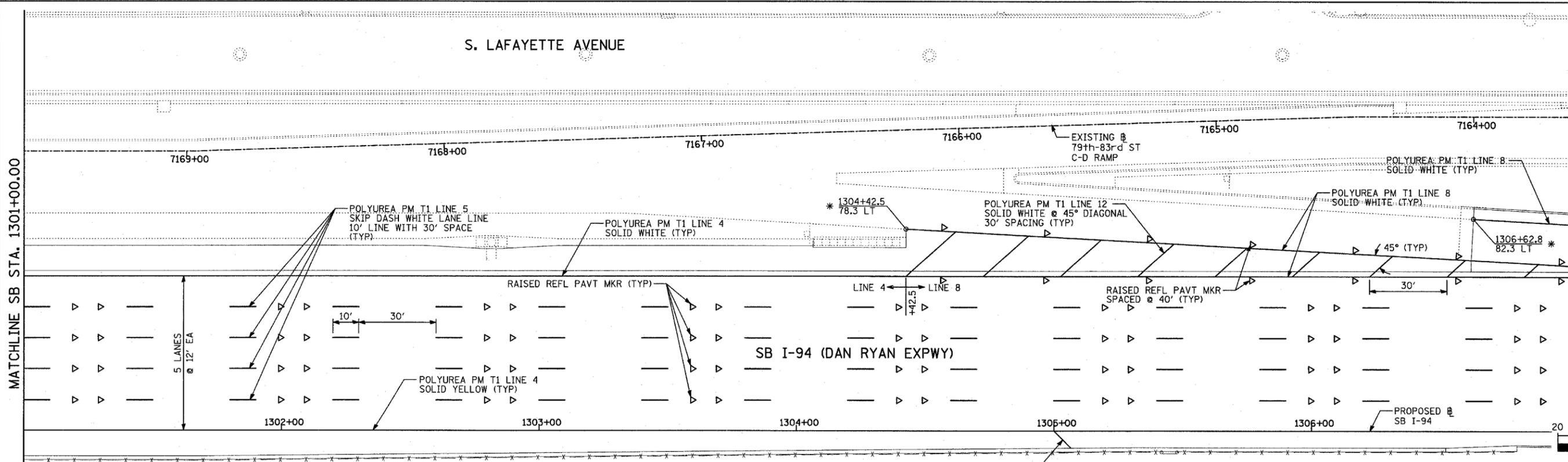
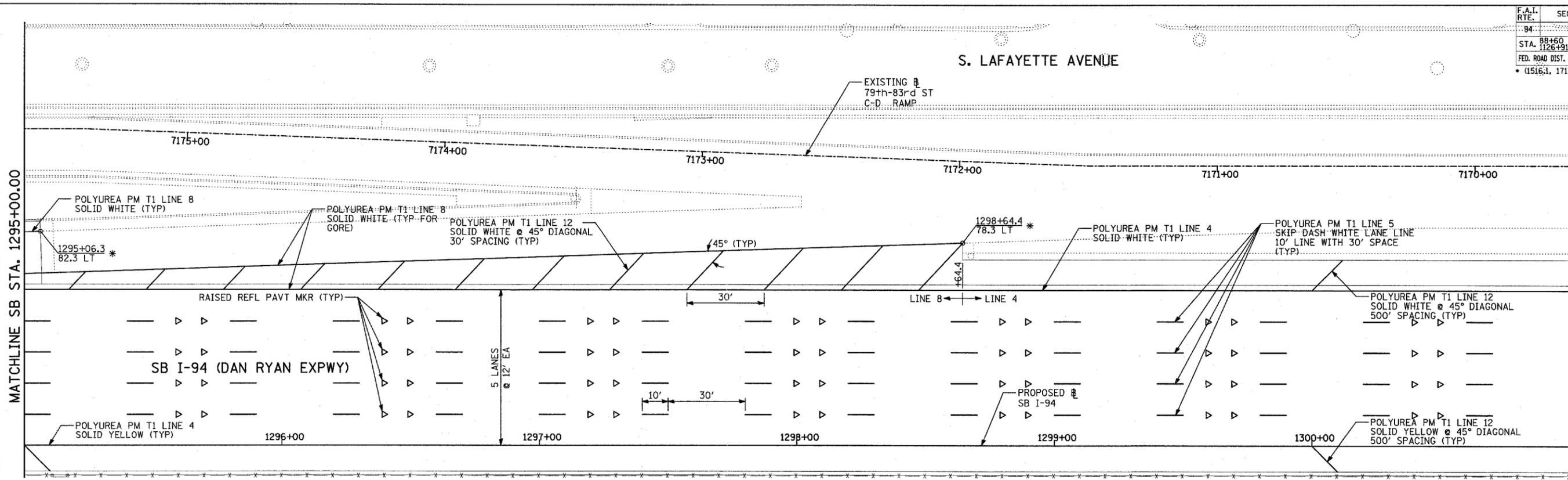
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1283+00.00 TO 1295+00.00
SHEET 17 OF 25

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG



SCALE: 1" = 20'-0"



PAVEMENT MARKING NOTES:

- PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE STANDARD TC-12. RAISED PAVEMENT MARKERS SHALL NOT BE INSTALLED, EXCEPT AS SHOWN ON THE PLANS.
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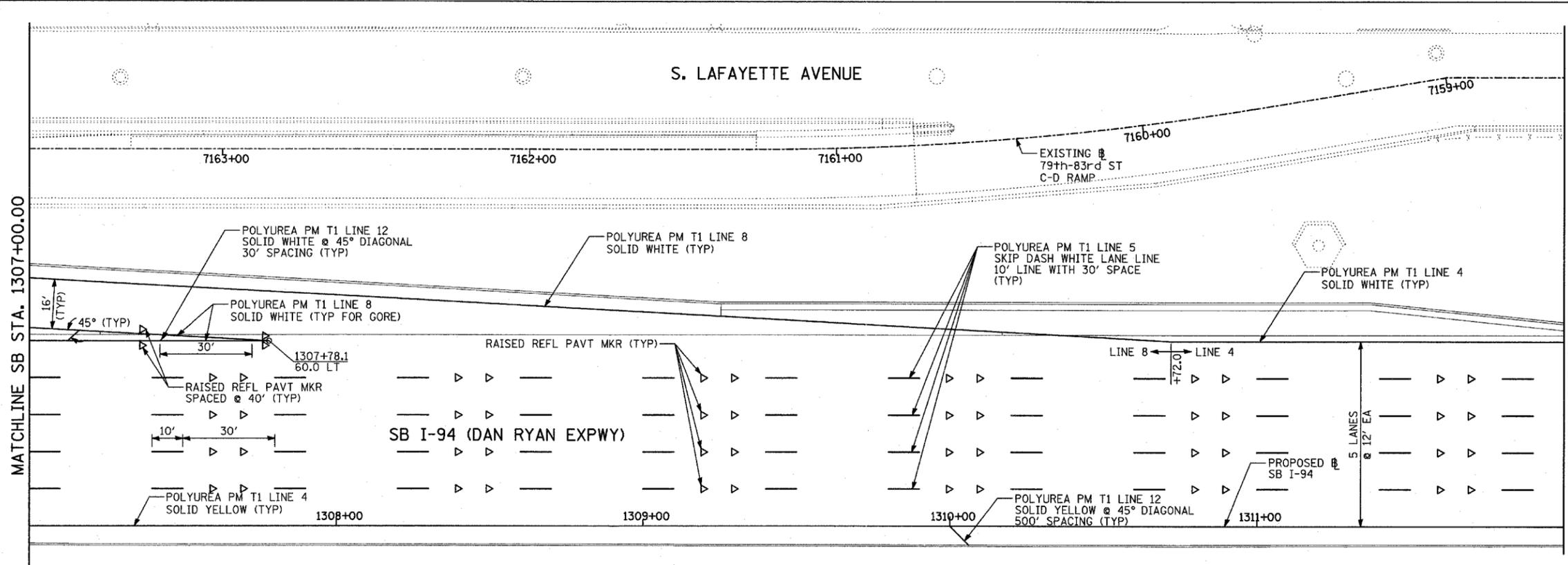
TYLIN INTERNATIONAL

* MATCH WITH EXISTING PAVEMENT MARKING AT THIS POINT

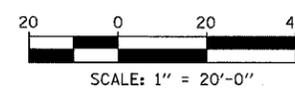
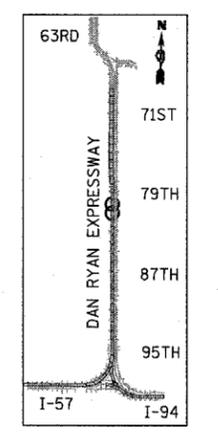
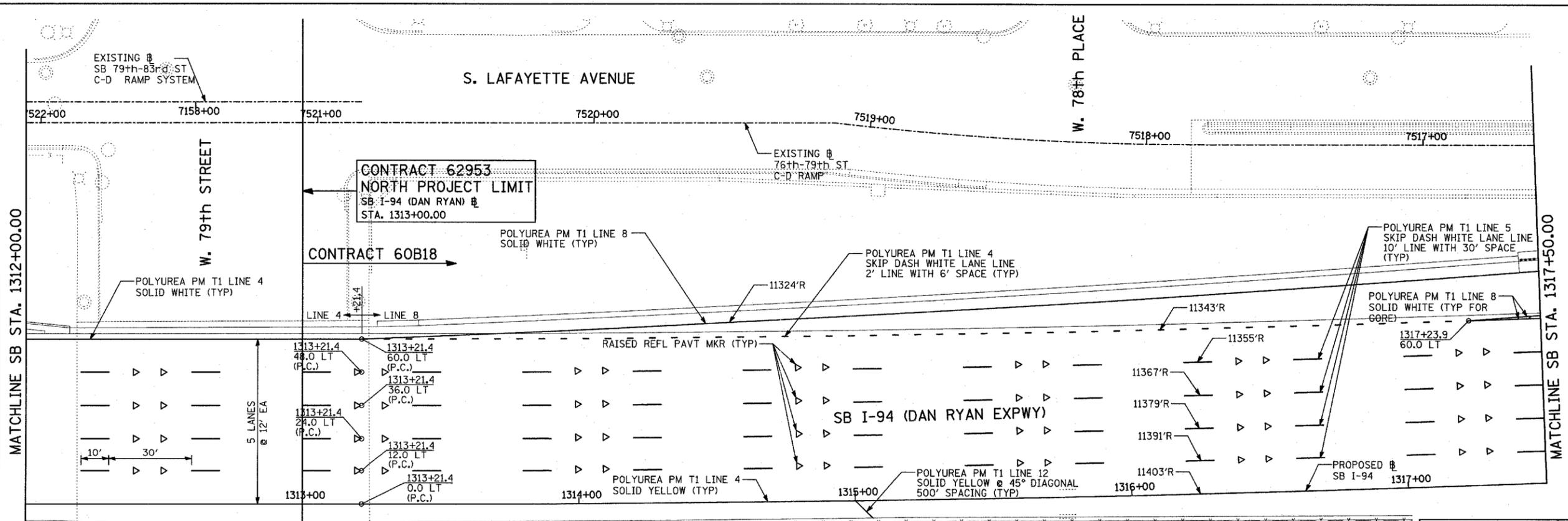
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1295+00.00 TO 1307+00.00
SHEET 18 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JUS
 CHECKED BY: MPG



- PAVEMENT MARKING NOTES:**
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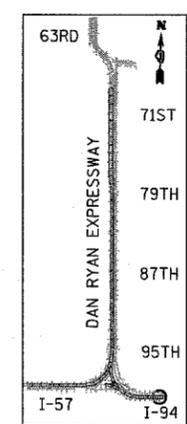
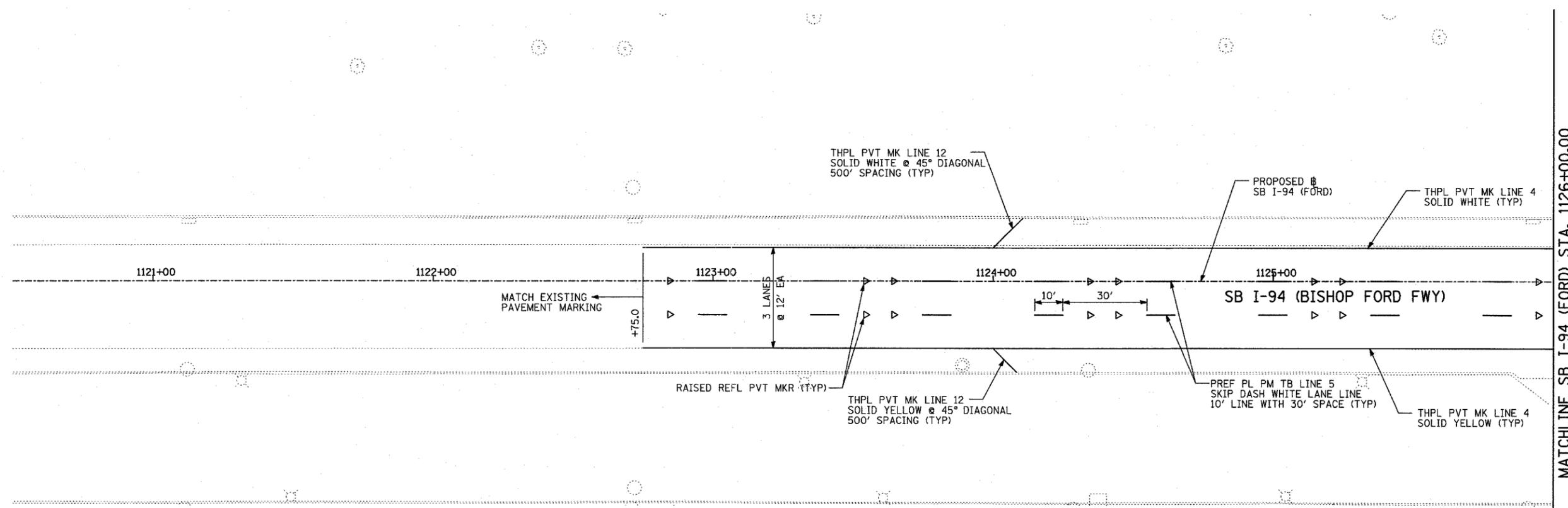


TYLIN INTERNATIONAL

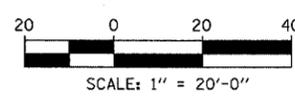
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
 SB I-94 (DAN RYAN EXPRESSWAY)
 STA. 1307+00.00 TO 1317+50.00
 SHEET 19 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG



LOCATION MAP



PAVEMENT MARKING NOTES:

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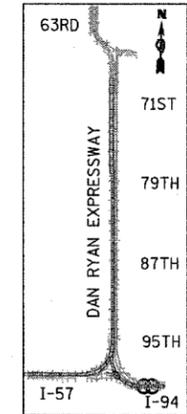
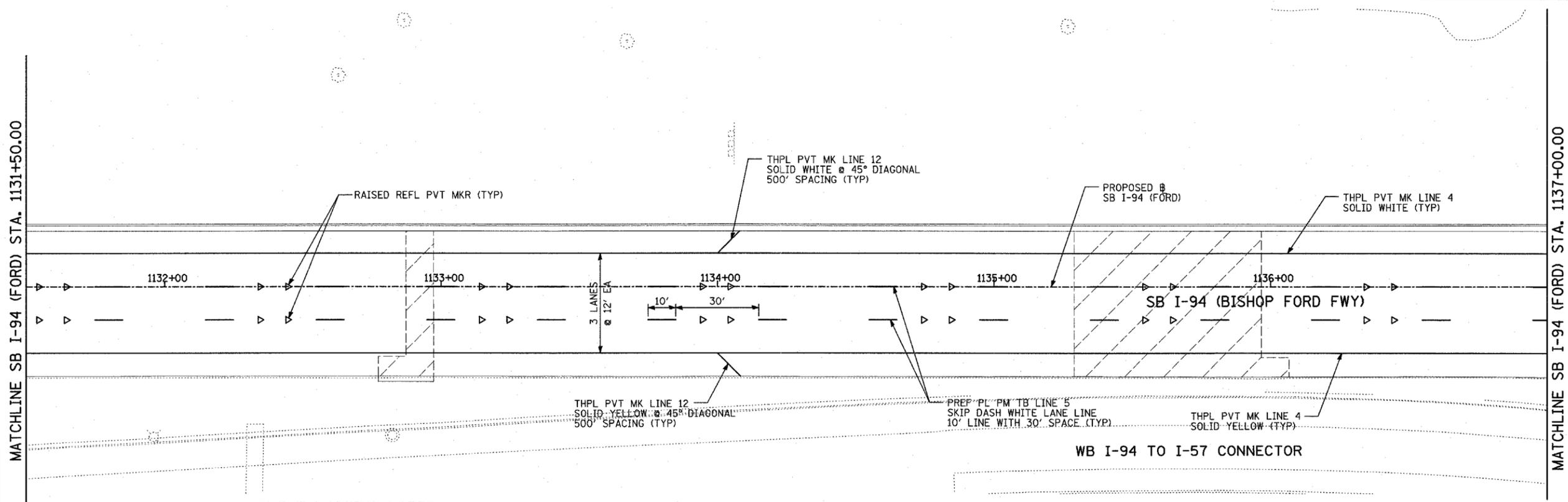
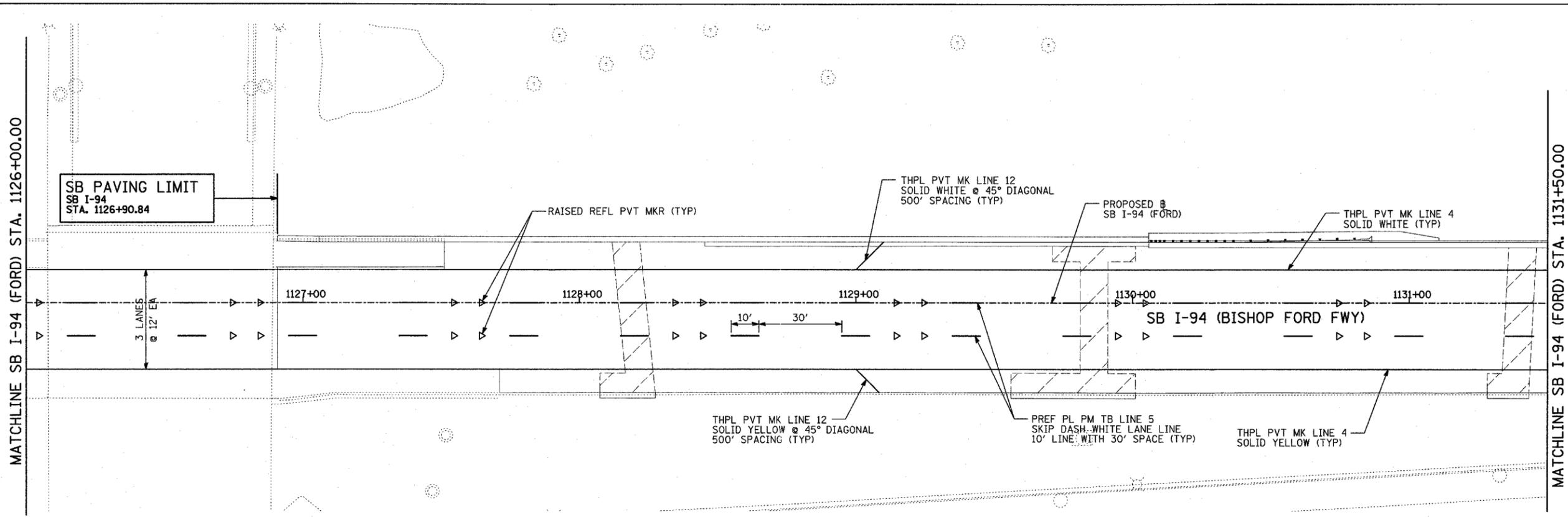
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

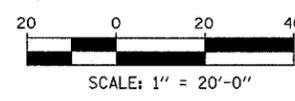
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PAVEMENT MARKING PLAN
 SB I-94 (BISHOP FORD FWY)
 STA. 1122+75.00 TO STA. 1126+00.00
 SHEET 20 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006

DRAWN BY: JJS
 CHECKED BY: MPG



LOCATION MAP



PAVEMENT MARKING NOTES:

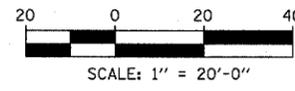
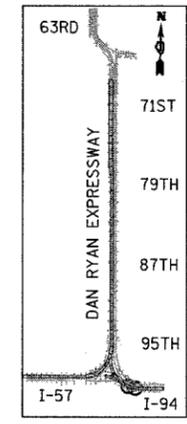
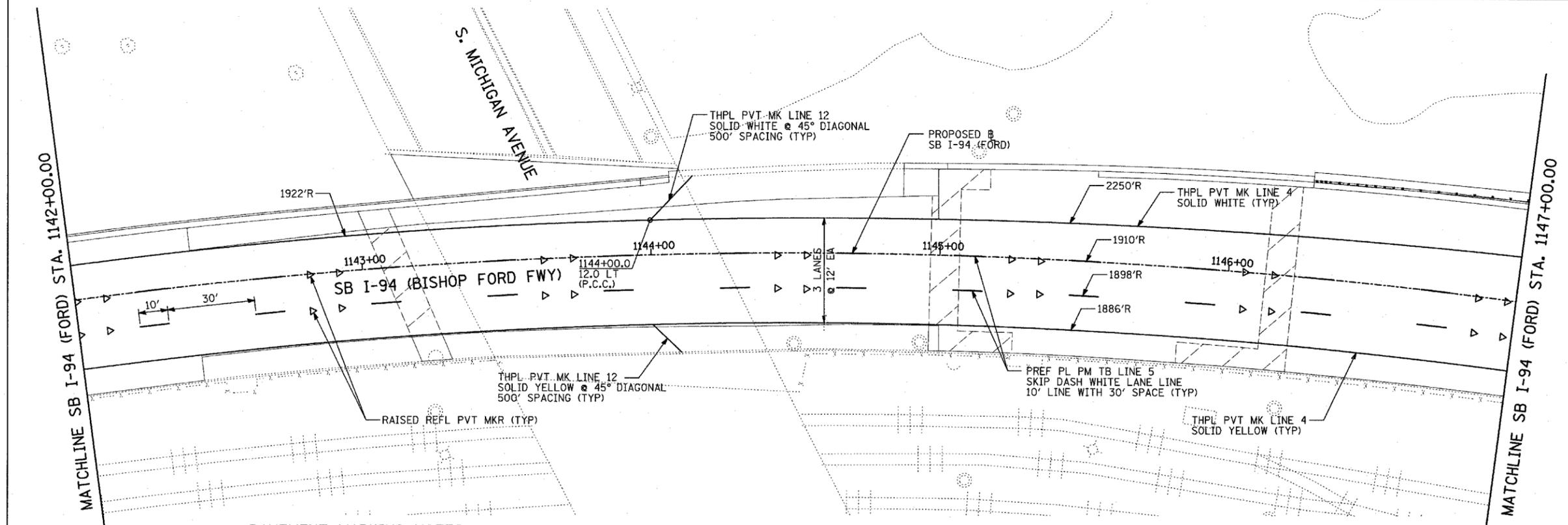
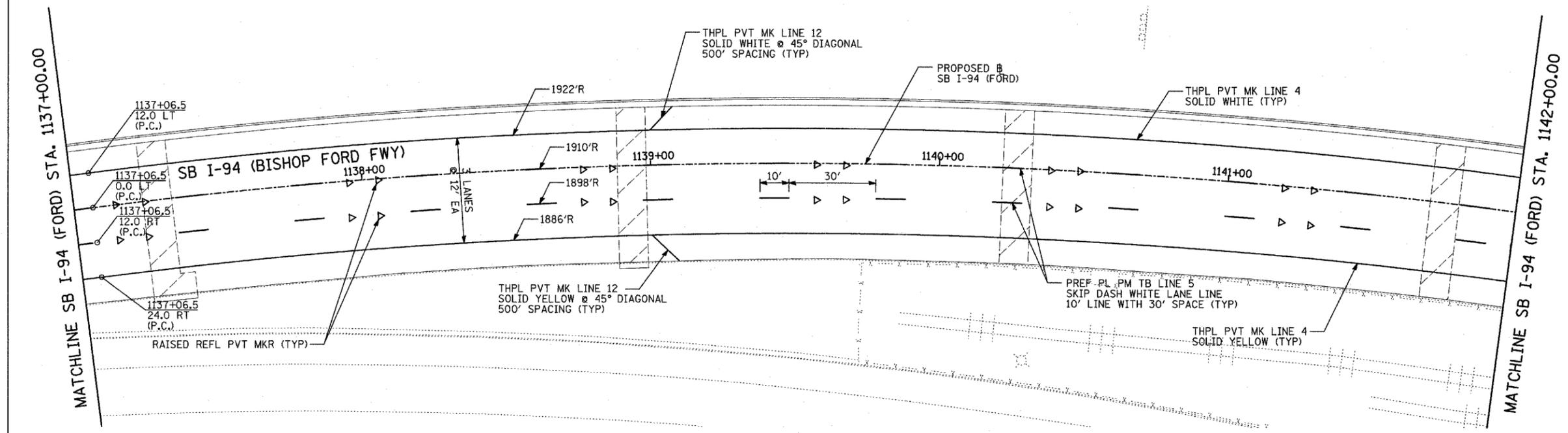
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TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PAVEMENT MARKING PLAN
 SB I-94 (BISHOP FORD FWY)
 STA. 1126+00.00 TO STA. 1137+00.00
 SHEET 21 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG



PAVEMENT MARKING NOTES:

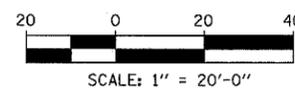
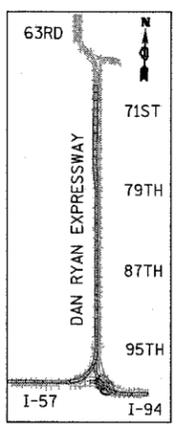
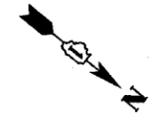
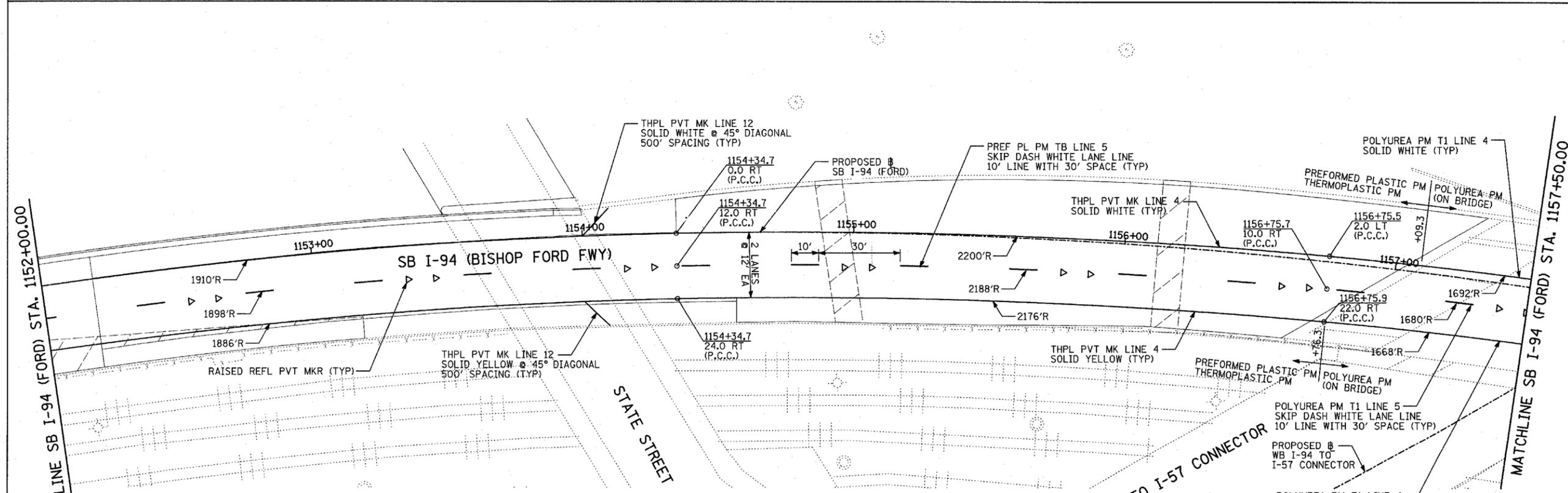
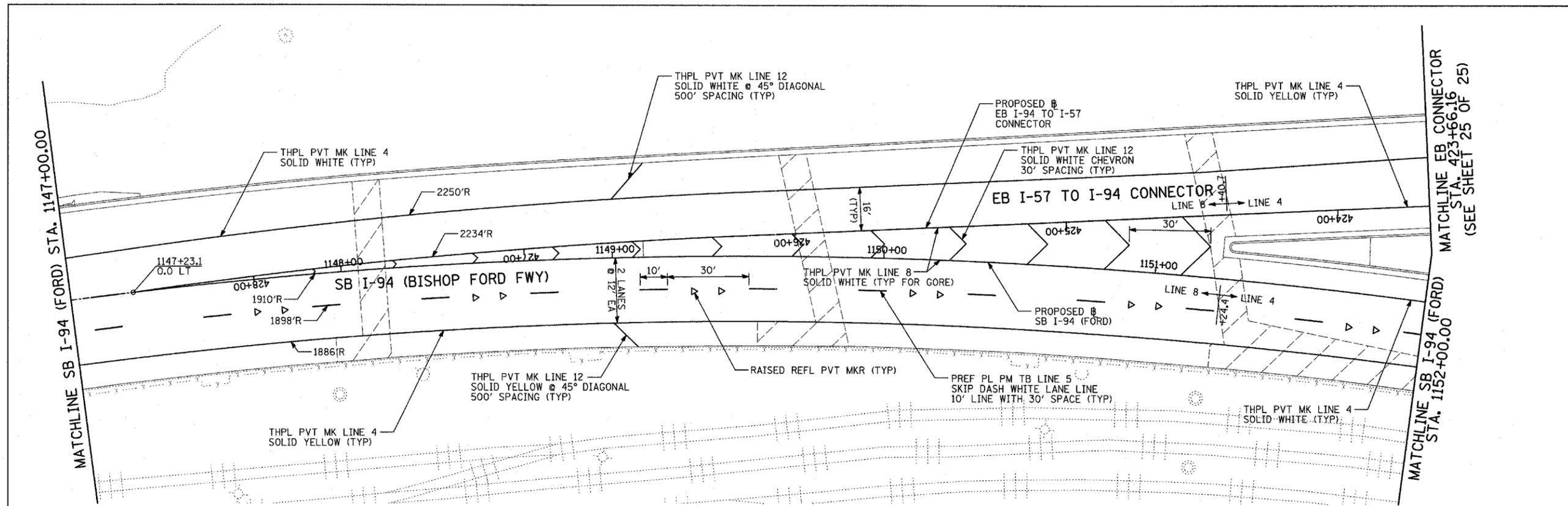
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TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
SB I-94 (BISHOP FORD FWY)
STA. 1137+00.00 TO 1147+00.00
SHEET 22 OF 25

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG



PAVEMENT MARKING NOTES:

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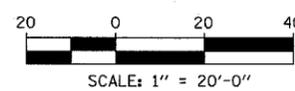
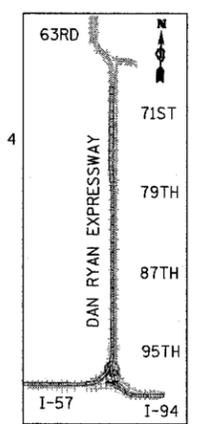
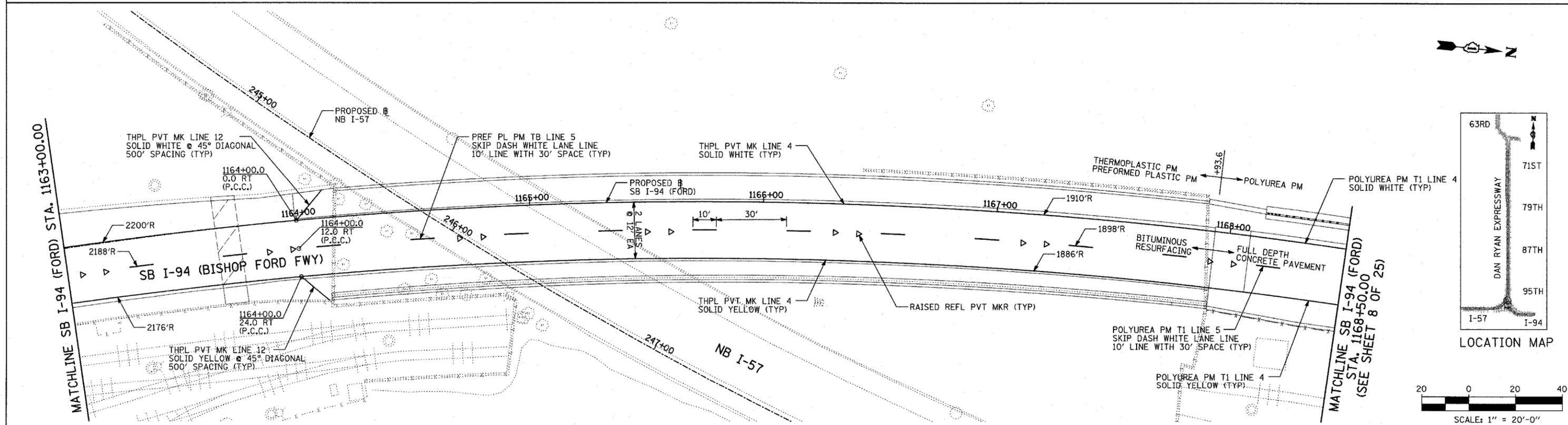
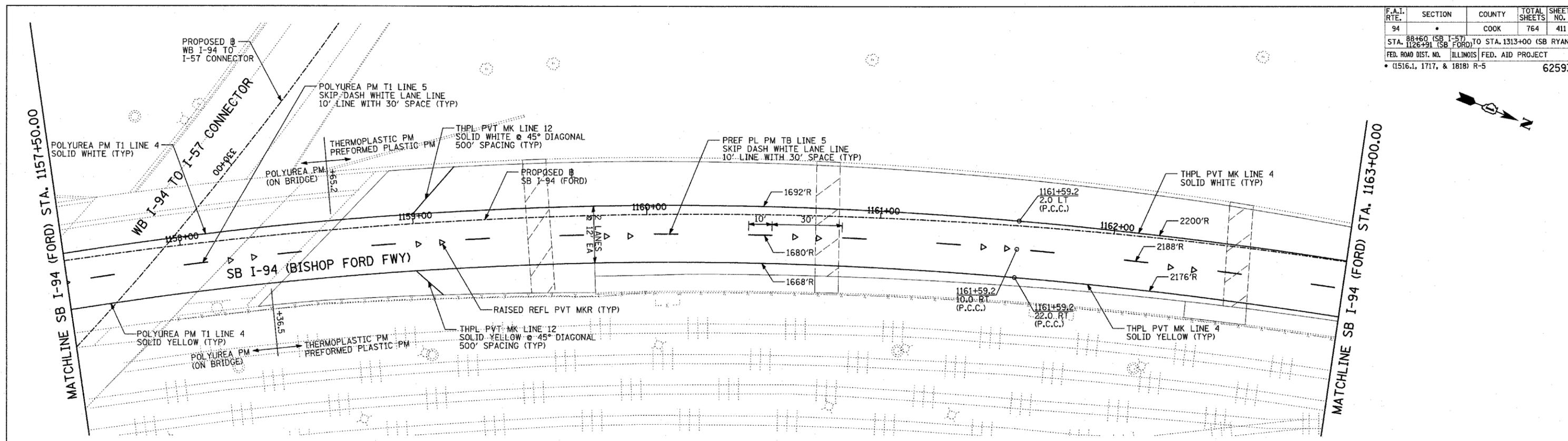
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PAVEMENT MARKING PLAN
 SB I-94 (BISHOP FORD FWY)
 STA. 1147+00.00 TO 1157+50.00
 SHEET 23 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006

DRAWN BY: JJS
 CHECKED BY: MPG



PAVEMENT MARKING NOTES:

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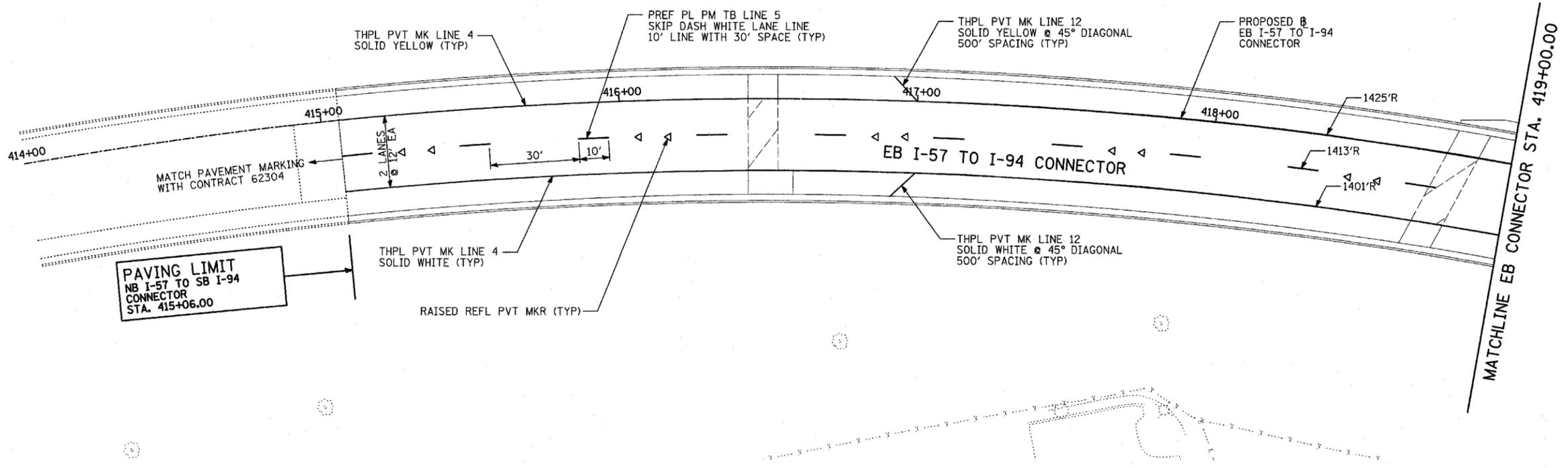
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

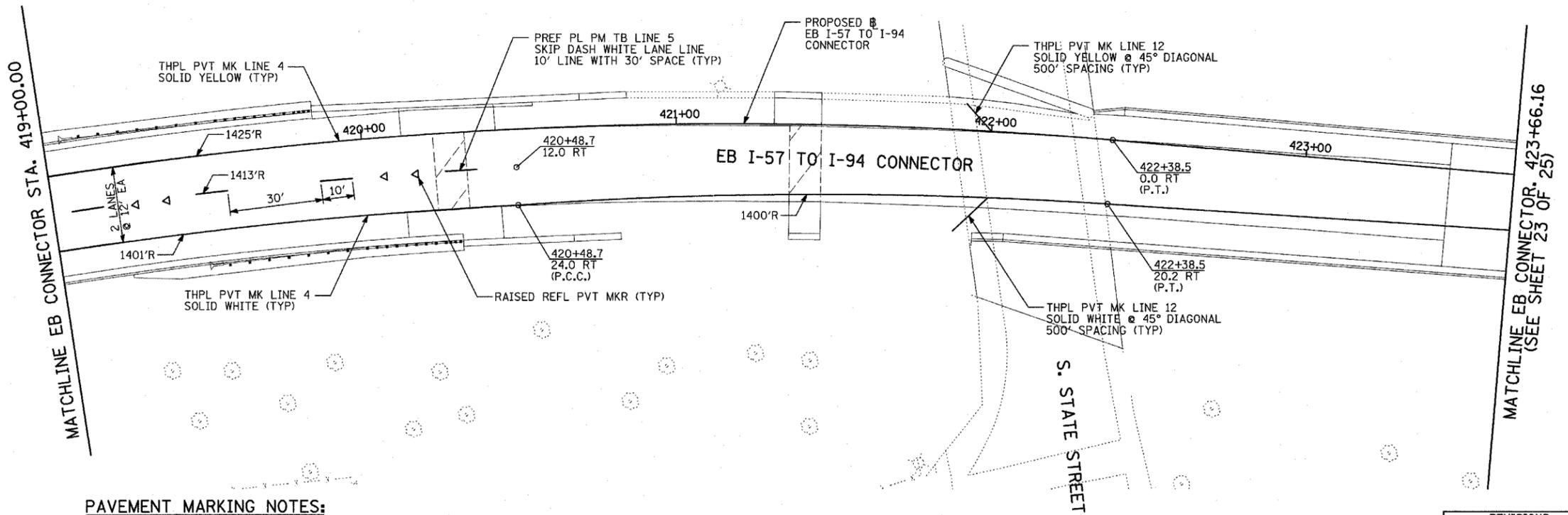
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PAVEMENT MARKING PLAN
 SB I-94 (BISHOP FORD FWY)
 STA. 1157+50.00 TO 1168+50.00
 SHEET 24 OF 25

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	412
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-5 62593				



PAVING LIMIT
NB I-57 TO SB I-94
CONNECTOR
STA. 415+06.00



PAVEMENT MARKING NOTES:

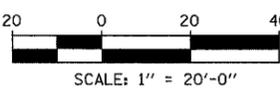
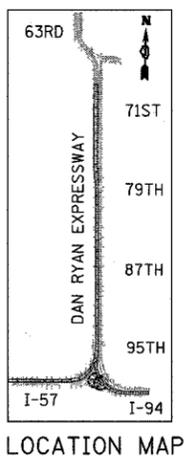
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TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
PAVEMENT MARKING PLAN
EB I-57 TO I-94 CONNECTOR
STA. 415+06.00 TO 423+66.16
SHEET 25 OF 25

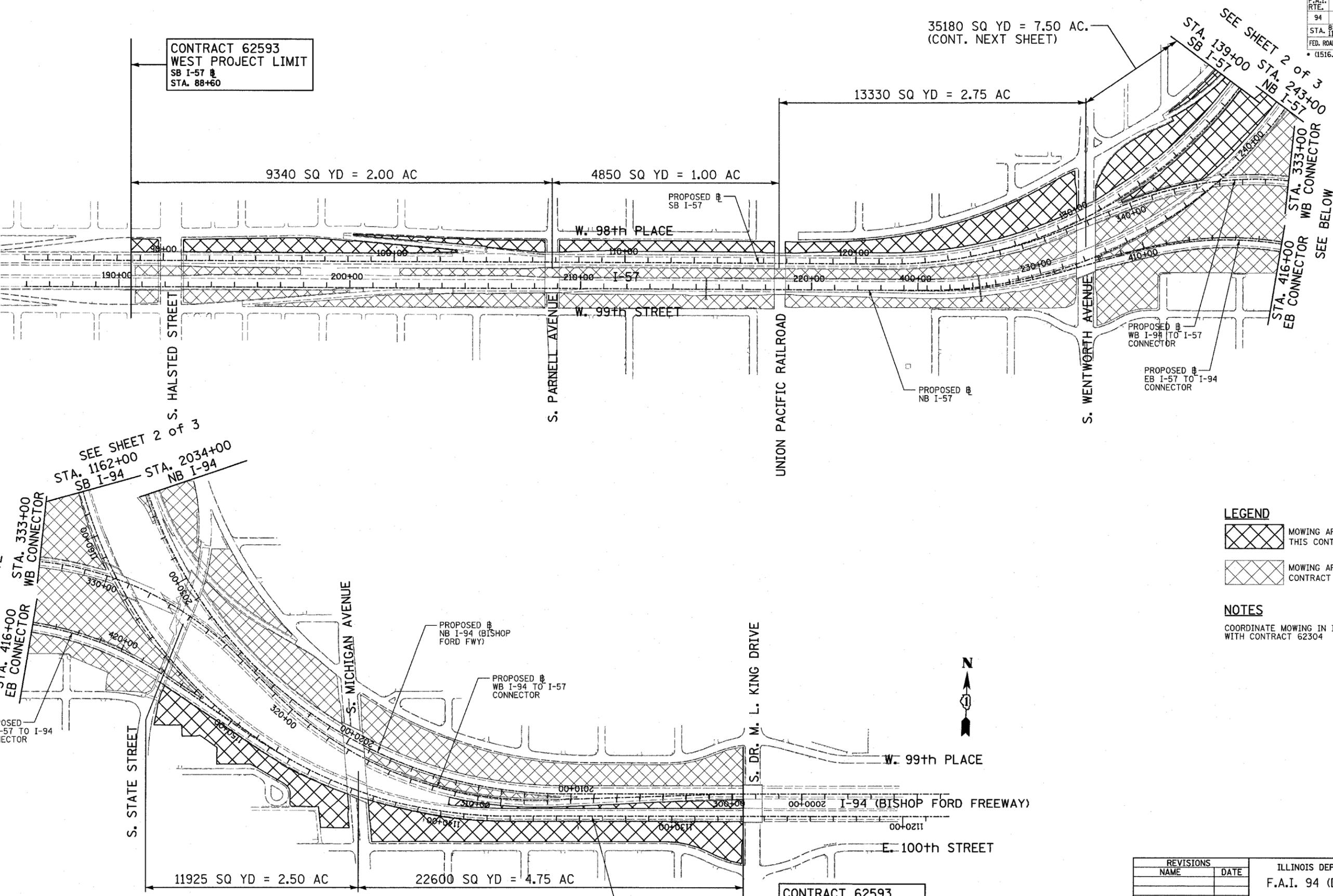
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DATE: MARCH 1, 2006
DRAWN BY: JUS
CHECKED BY: MPG



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	413
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717, & 1818) R-5				
				62593

CONTRACT 62593
WEST PROJECT LIMIT
SB I-57
STA. 88+60

35180 SQ YD = 7.50 AC.
(CONT. NEXT SHEET)



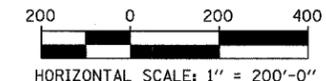
SEE SHEET 2 of 3
STA. 139+00 SB I-57
STA. 243+00 NB I-57
STA. 333+00 WB CONNECTOR
STA. 416+00 EB CONNECTOR
SEE BELOW

LEGEND

- MOWING AREAS THIS CONTRACT
- MOWING AREAS CONTRACT 62304

NOTES

COORDINATE MOWING IN INTERCHANGE WITH CONTRACT 62304



REVISIONS	
NAME	DATE

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

MOWING AREAS
SHEET 1 OF 3

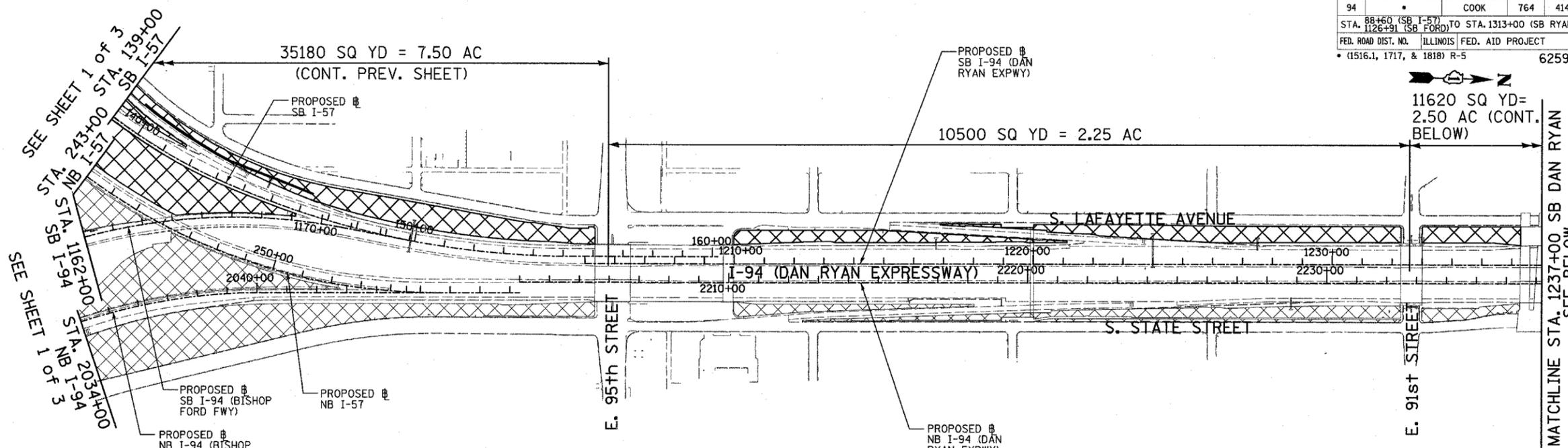
SCALE: 1"=200'-0"
DATE: MARCH 1, 2006

DRAWN BY: MPG
CHECKED BY: TGB

CONTRACT 62593
EAST PROJECT LIMIT
SB I-94 (BISHOP FORD)
STA. 1126+91

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	414
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717, & 1818) R-5 62593				



35180 SQ YD = 7.50 AC
(CONT. PREV. SHEET)

10500 SQ YD = 2.25 AC

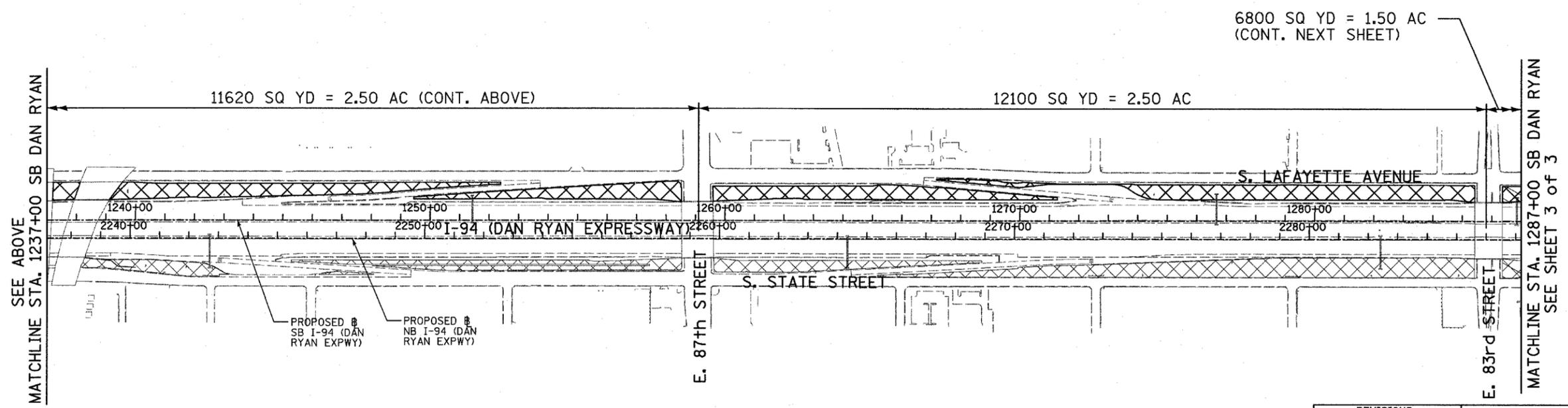
11620 SQ YD = 2.50 AC (CONT. BELOW)

LEGEND

-  MOWING AREAS THIS CONTRACT
-  MOWING AREAS CONTRACT 62304

NOTES

COORDINATE MOWING IN INTERCHANGE WITH CONTRACT 62304

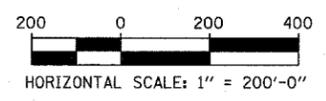


11620 SQ YD = 2.50 AC (CONT. ABOVE)

12100 SQ YD = 2.50 AC

6800 SQ YD = 1.50 AC
(CONT. NEXT SHEET)

TYLIN INTERNATIONAL



REVISIONS	
NAME	DATE

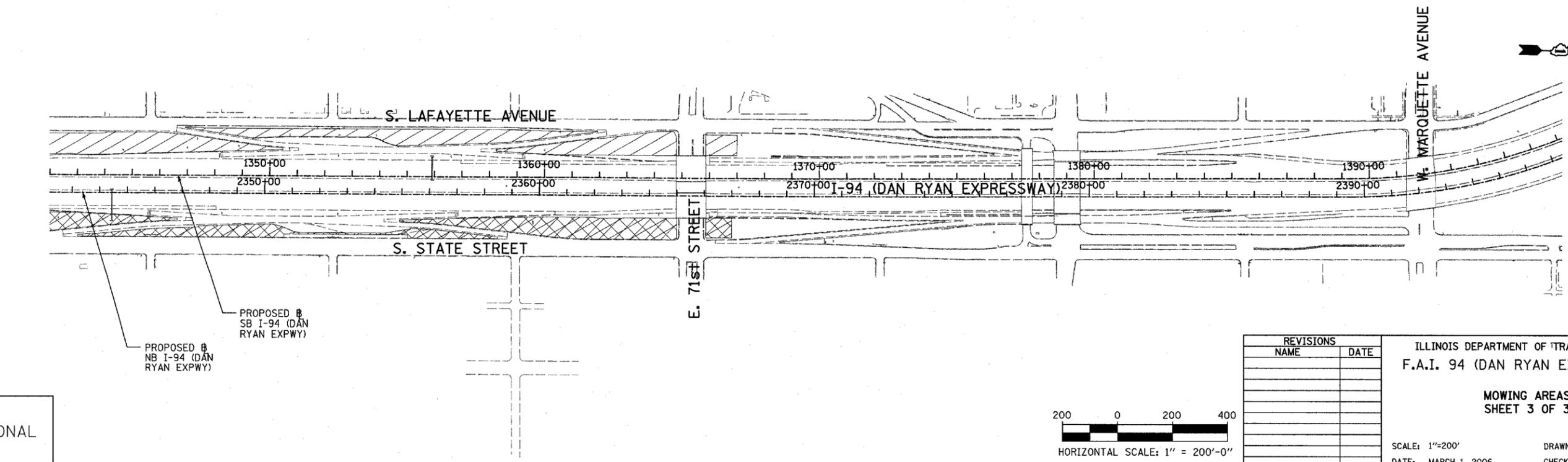
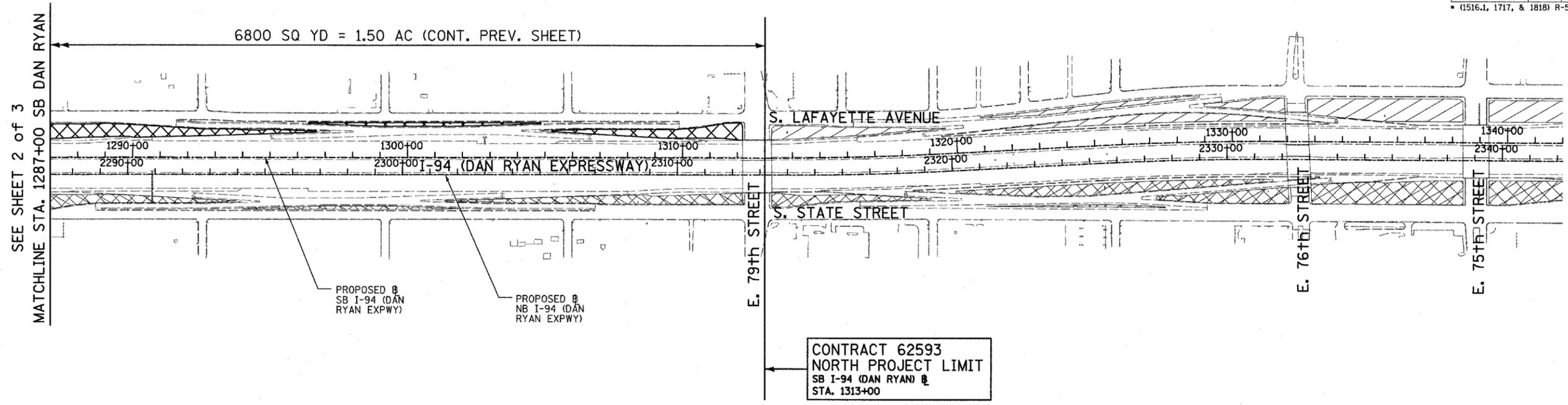
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**MOWING AREAS
SHEET 2 OF 3**

SCALE: 1"=200'
DATE: MARCH 1, 2006

DRAWN BY: MPG
CHECKED BY: TGB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	415
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-5 62593				



LEGEND

	MOWING AREAS THIS CONTRACT
	MOWING AREAS CONTRACT 62304
	MOWING AREAS CONTRACT 60B18

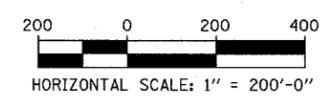
REVISIONS	
NAME	DATE

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

**MOWING AREAS
 SHEET 3 OF 3**

SCALE: 1"=200'
 DATE: MARCH 1, 2006

DRAWN BY: MPG
 CHECKED BY: TGB

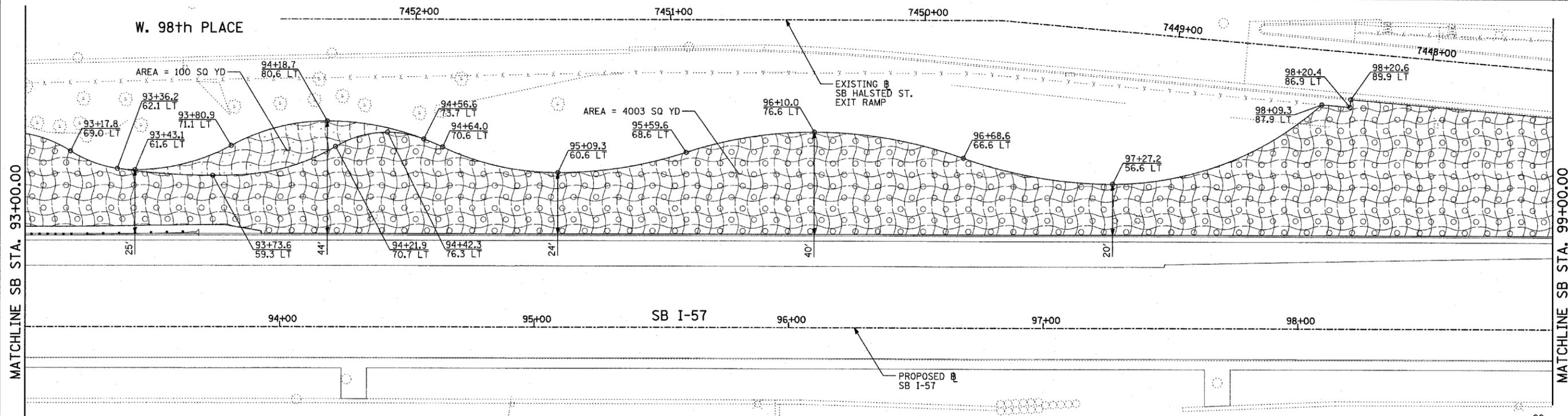
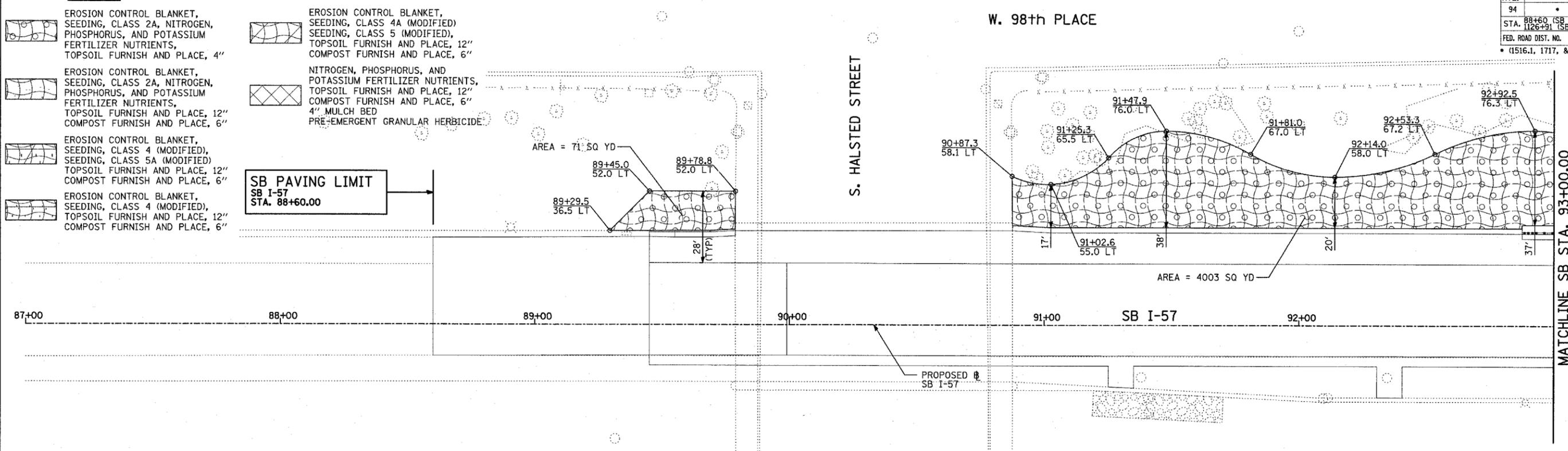


TYLIN INTERNATIONAL

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"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

SB PAVING LIMIT
SB I-57
STA. 88+60.00



LANDSCAPING GENERAL PLAN NOTES:

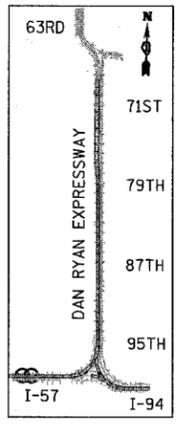
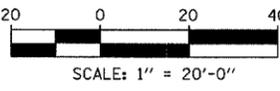
1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
3. AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
5. 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.
6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

TYLIN INTERNATIONAL

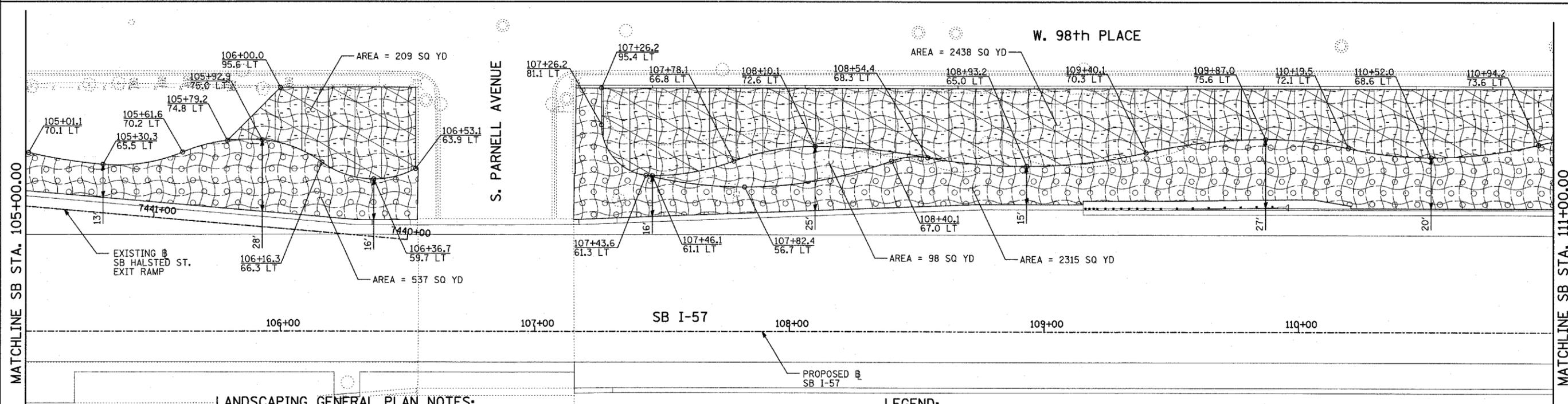
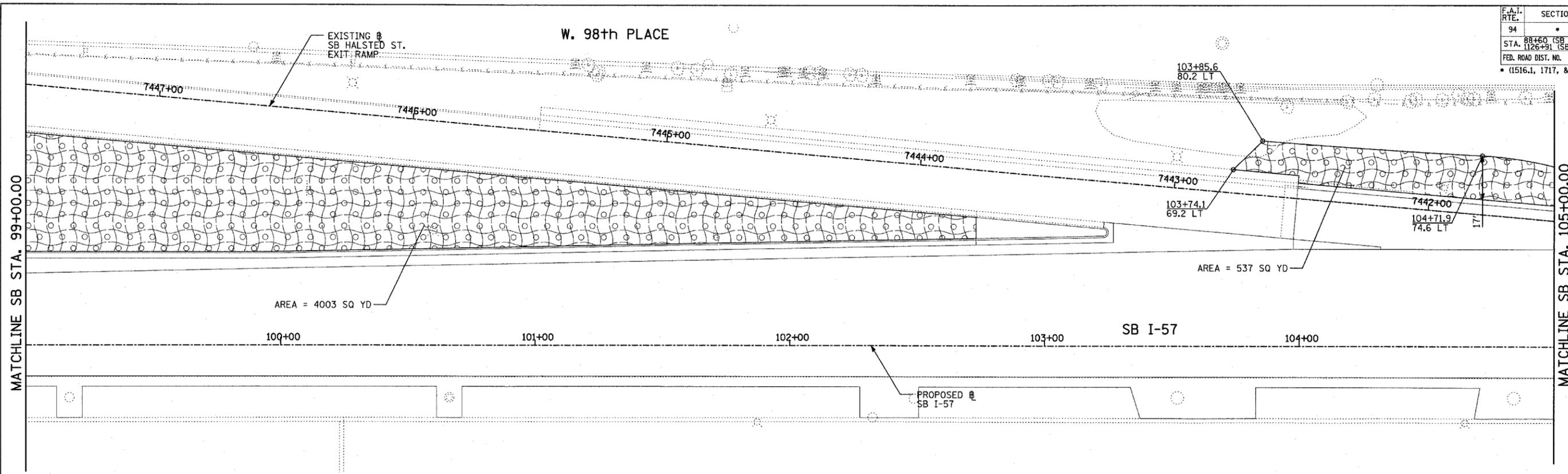
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-57
STA. 88+60.00 TO 99+00.00
SHEET 1 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	417
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-5 62593				



LANDSCAPING GENERAL PLAN NOTES:

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3. AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
5. 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.
6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE

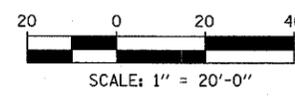
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-57
STA. 99+00.00 TO 111+00.00
SHEET 2 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006

DRAWN BY: JJS
CHECKED BY: MPG

TYLIN INTERNATIONAL



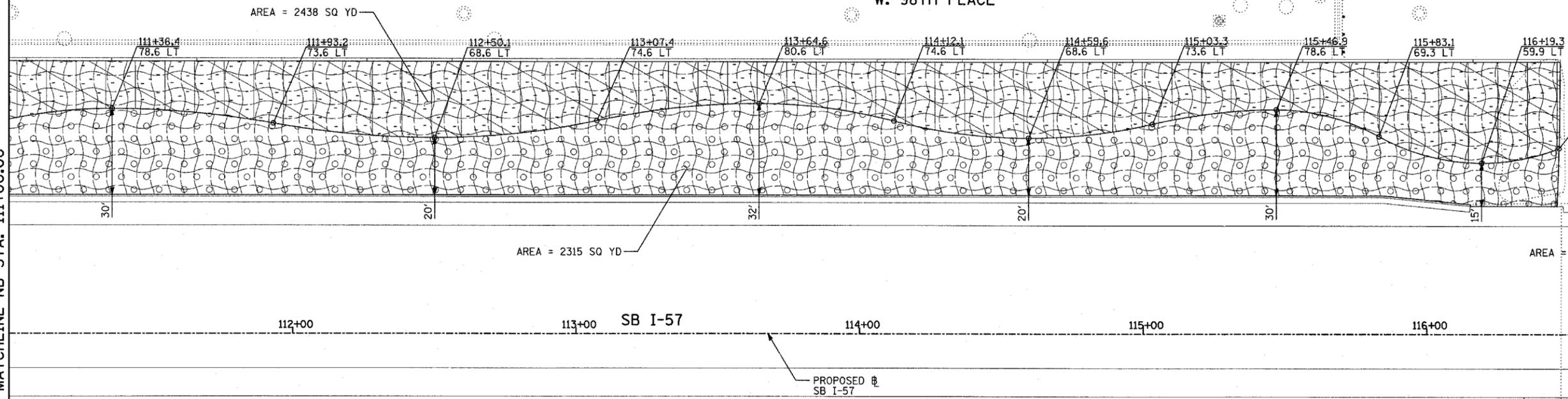
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	418
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
(1516.1, 1717, & 1818) R-5 62593				

W. 98th PLACE

MATCHLINE NB STA. 111+00.00

MATCHLINE SB STA. 117+00.00

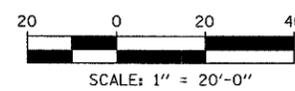
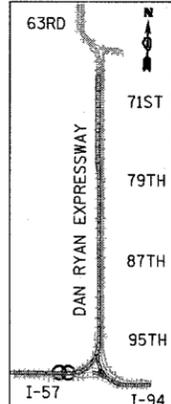
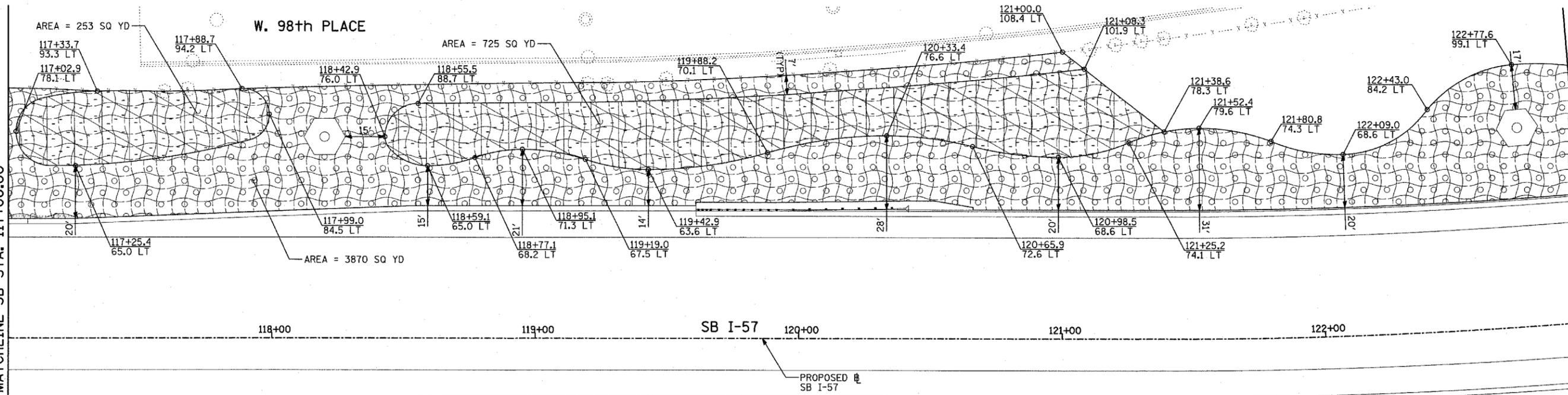
UNION PACIFIC RAILROAD



MATCHLINE SB STA. 117+00.00

MATCHLINE SB STA. 123+00.00

W. 98th PLACE



LANDSCAPING GENERAL PLAN NOTES:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
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6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE

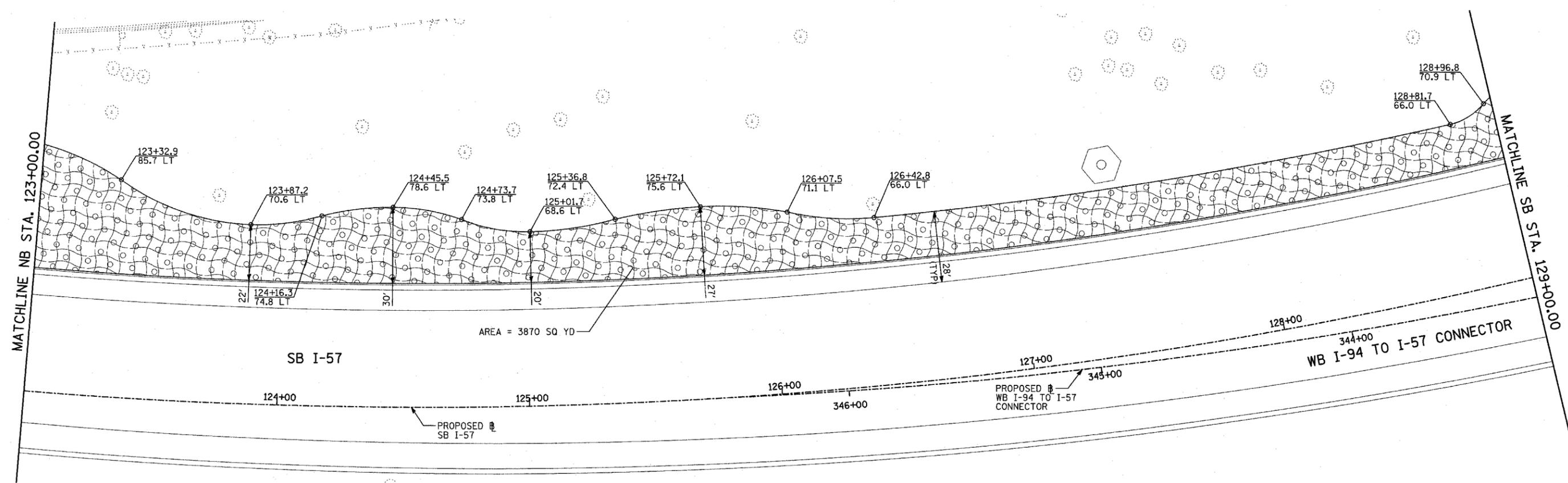
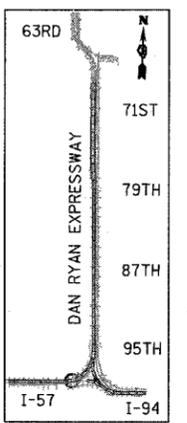
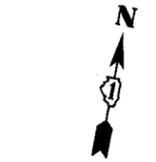
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-57
STA. 111+00.00 TO 123+00.00
SHEET 3 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006

DRAWN BY: JJS
CHECKED BY: MPG

TYLIN INTERNATIONAL

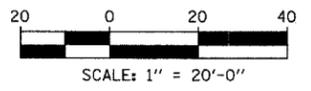


LANDSCAPING GENERAL PLAN NOTES:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
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6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
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- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

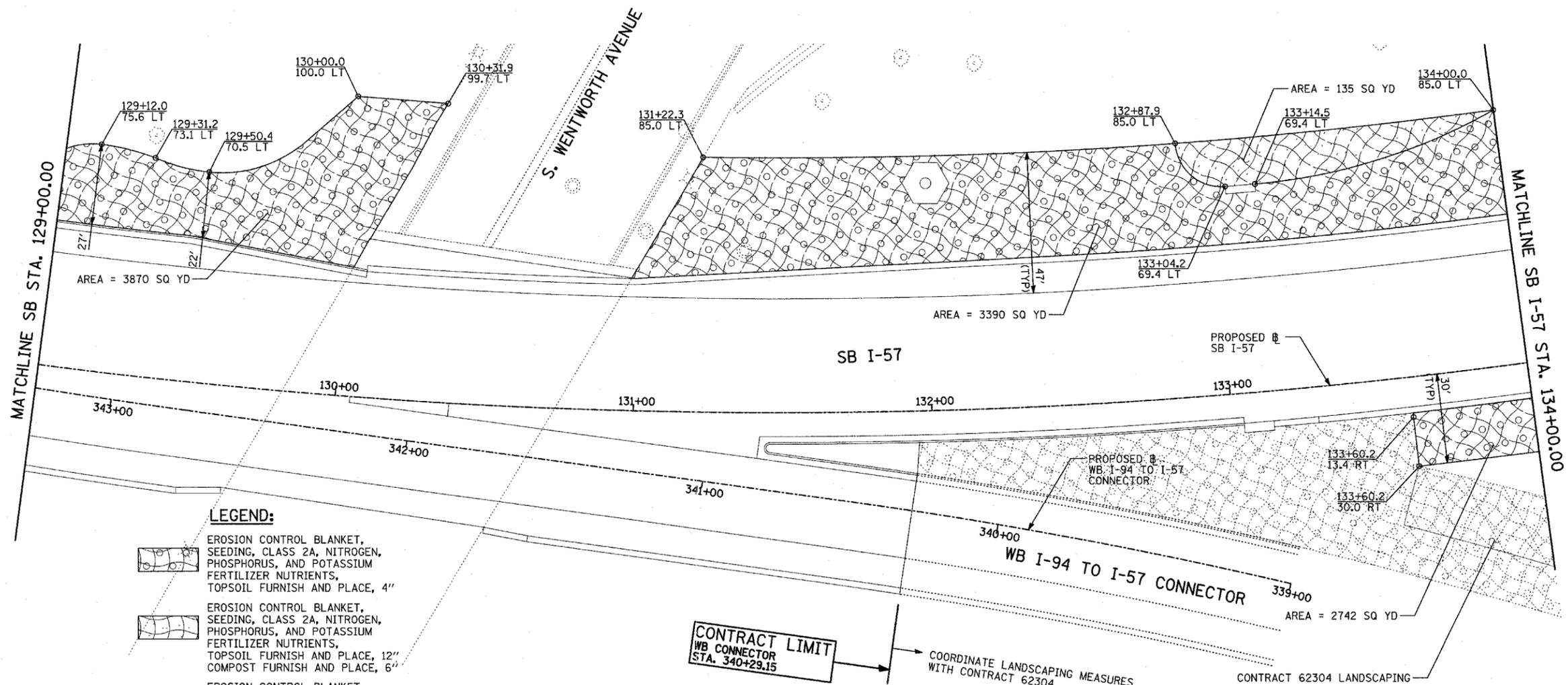


TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 SB I-57 & WB I-94 TO I-57 CONNECTOR
 SB I-57 STA. 123+00.00 TO 129+00.00
 SHEET 4 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG

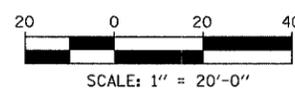
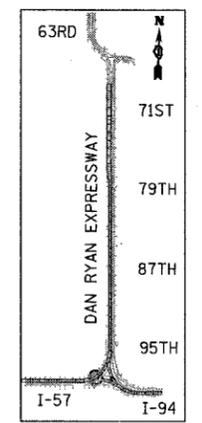


LEGEND:

- 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"
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- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 6" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

LANDSCAPING GENERAL PLAN NOTES:

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- LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.



REVISIONS	
NAME	DATE

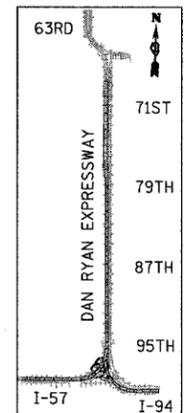
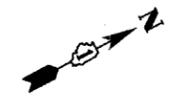
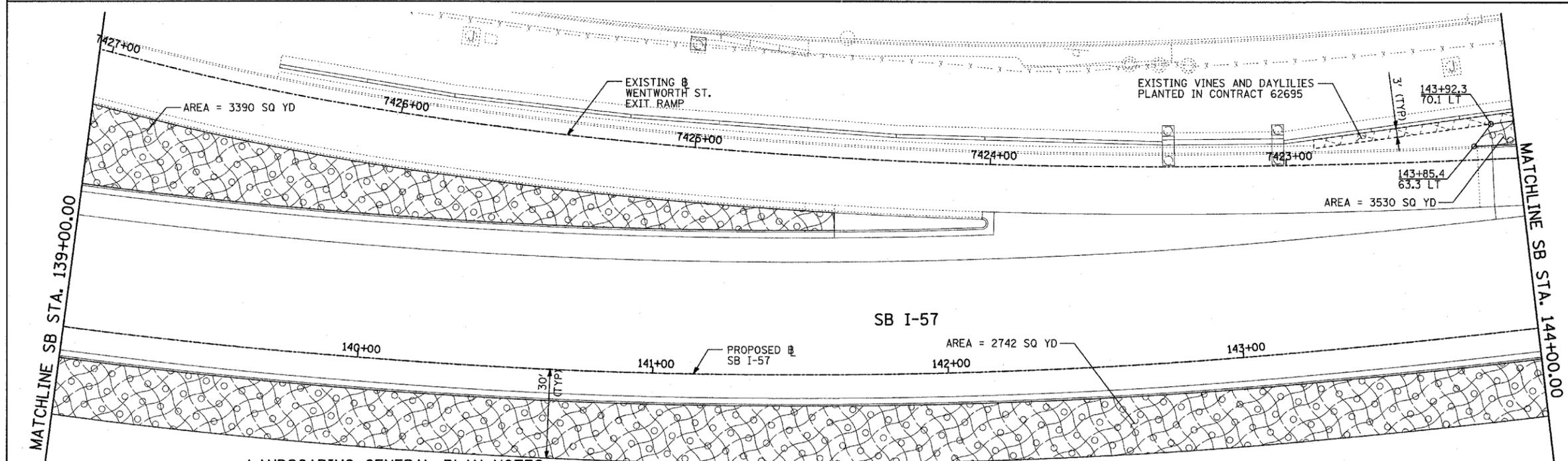
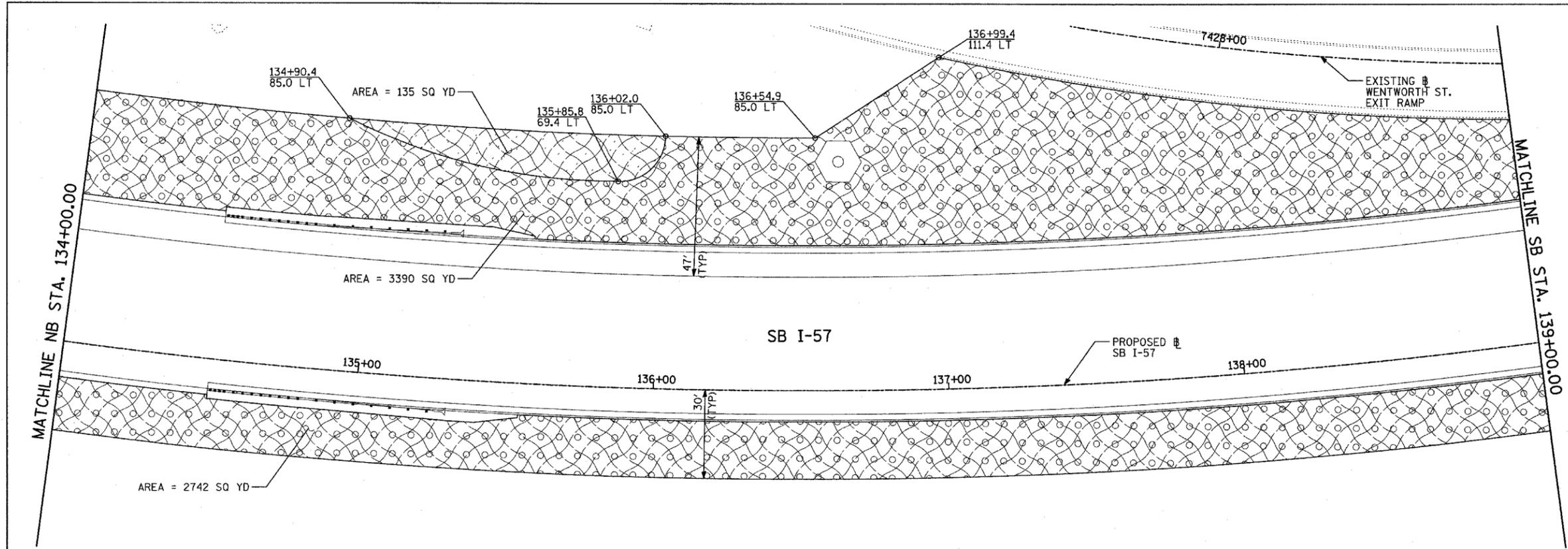
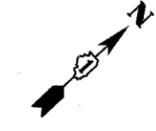
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 SB I-57 & WB I-94 TO I-57 CONNECTOR
 SB I-57 STA. 129+00.00 TO STA. 134+00.00
 SHEET 5 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006

DRAWN BY: JJS
 CHECKED BY: MPG

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	421
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-5 6259				



LANDSCAPING GENERAL PLAN NOTES:

- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
- AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
- 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.
- LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

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"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE

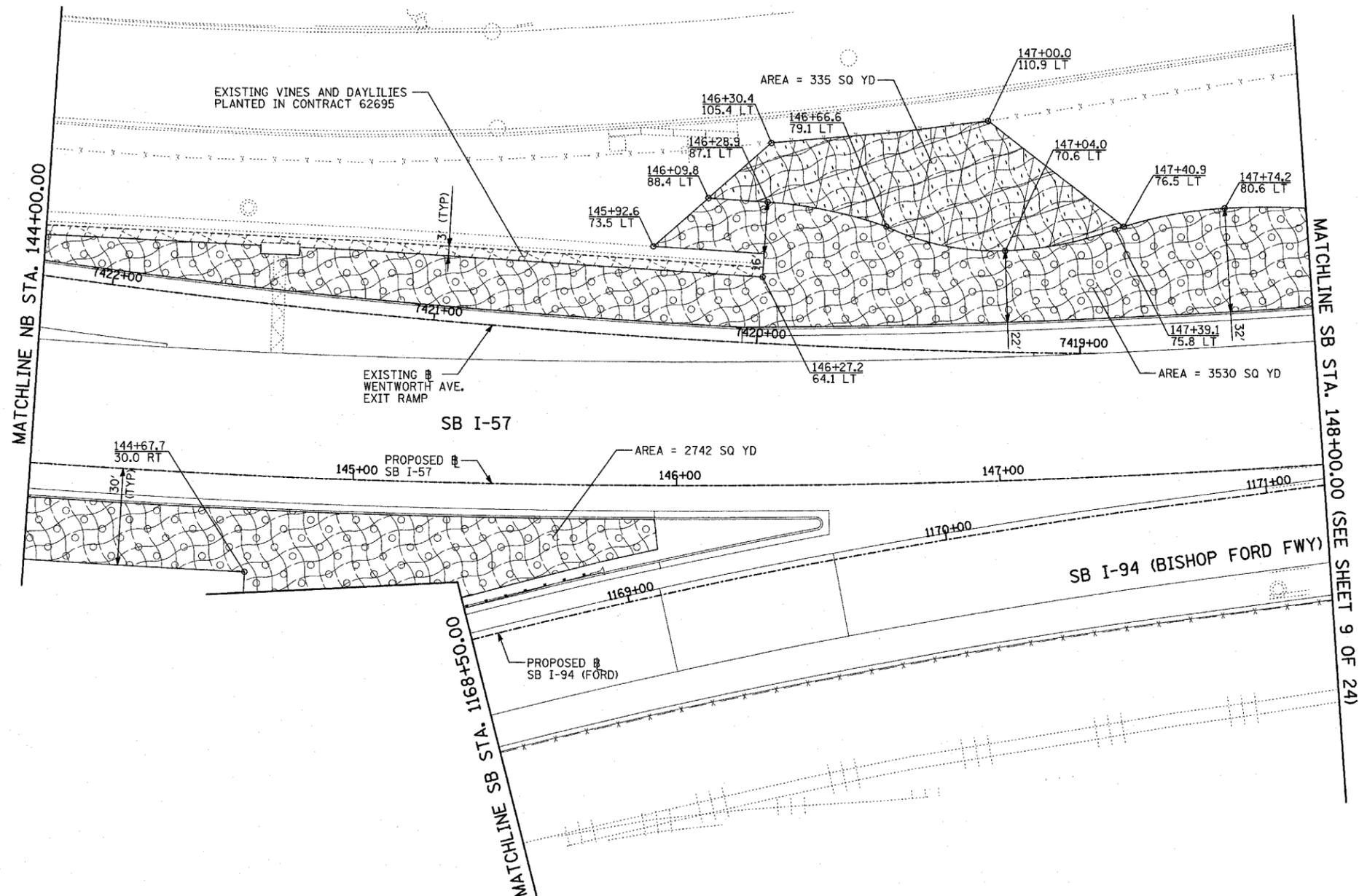
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-57
STA. 134+00.00 TO 144+00.00
SHEET 6 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006

DRAWN BY: JJS
CHECKED BY: MPG

TYLIN INTERNATIONAL

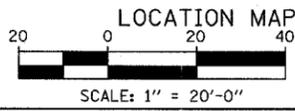
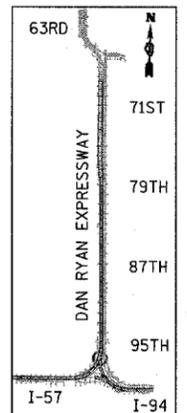


LEGEND:

- 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"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE

LANDSCAPING GENERAL PLAN NOTES:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
3. 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, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
5. 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 DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.



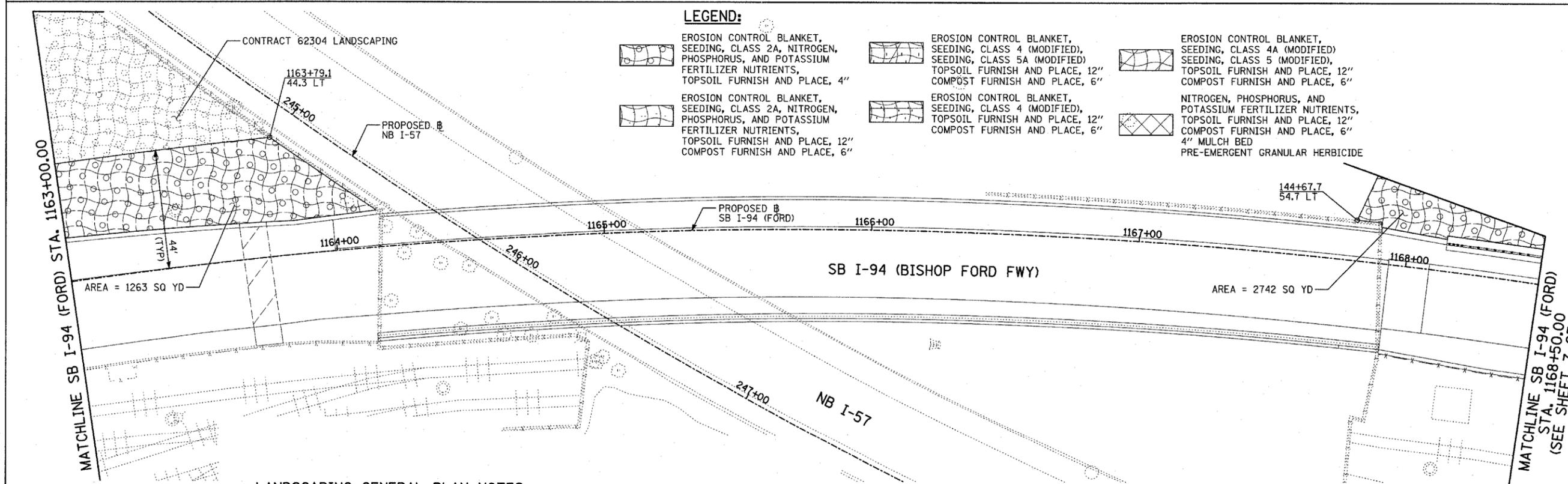
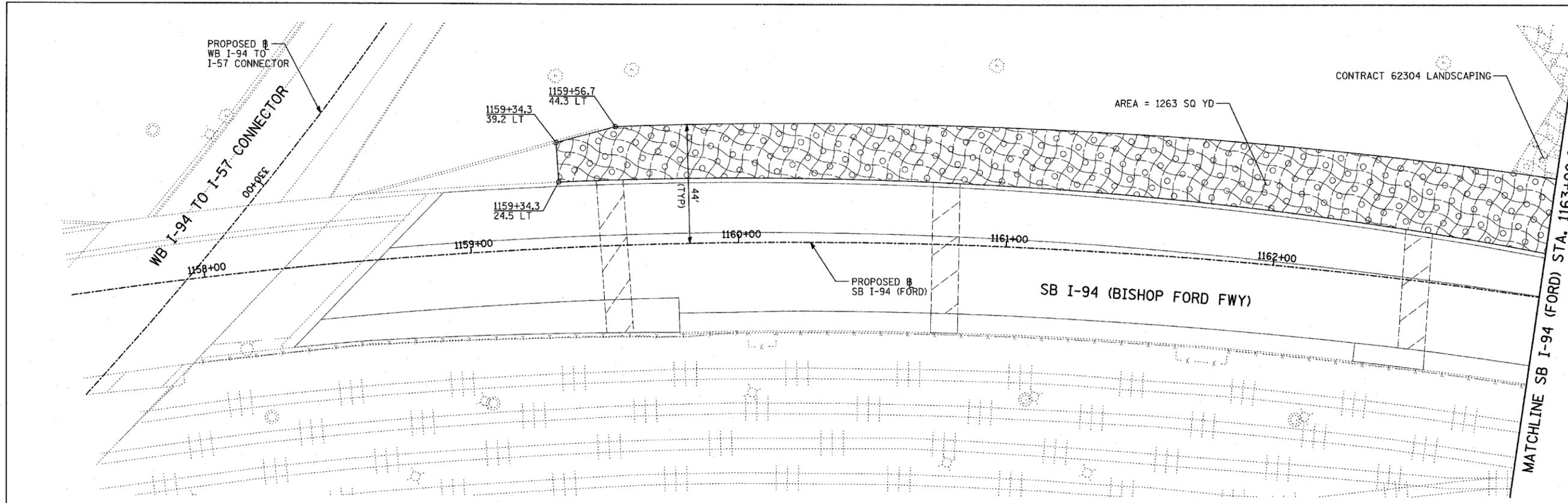
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 SB I-57 & SB I-94 (BISHOP FORD FWY)
 SB I-57 STA. 144+00.00 TO 148+00.00
 SHEET 7 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	423
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-5				



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE

LANDSCAPING GENERAL PLAN NOTES:

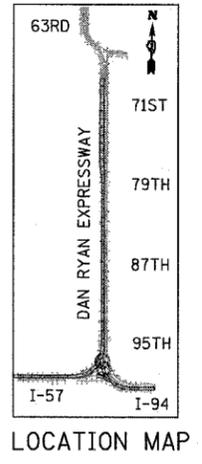
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
- AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
- 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.
- LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

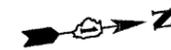
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (BISHOP FORD FWY)
STA. 1157+50.00 TO 1168+50.00
SHEET 8 OF 24

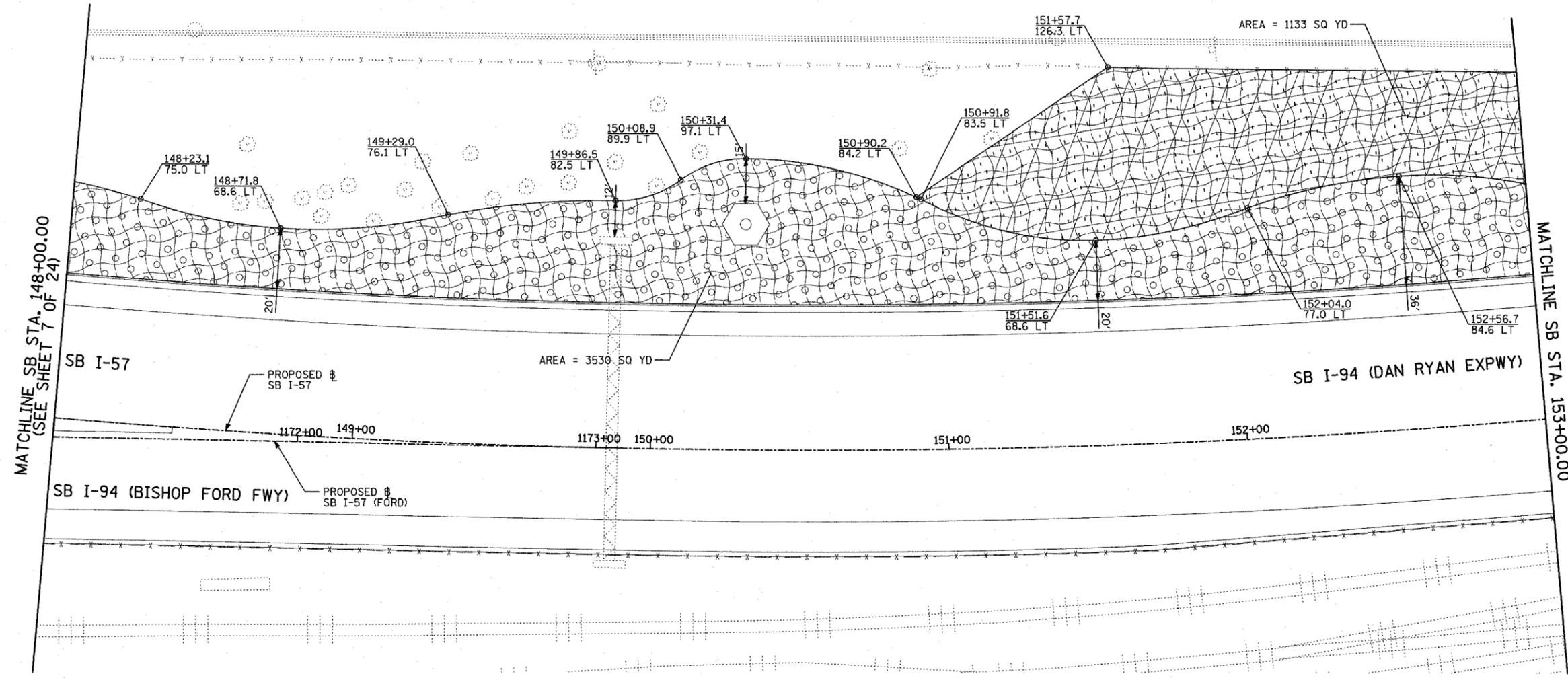
SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JUS
CHECKED BY: MPG





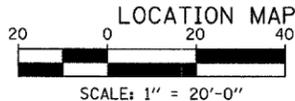
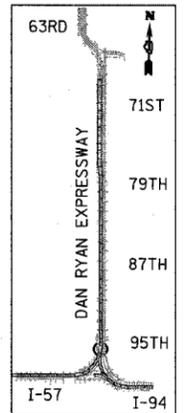
LEGEND:

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LANDSCAPING GENERAL PLAN NOTES:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
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4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
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6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.



REVISIONS	
NAME	DATE

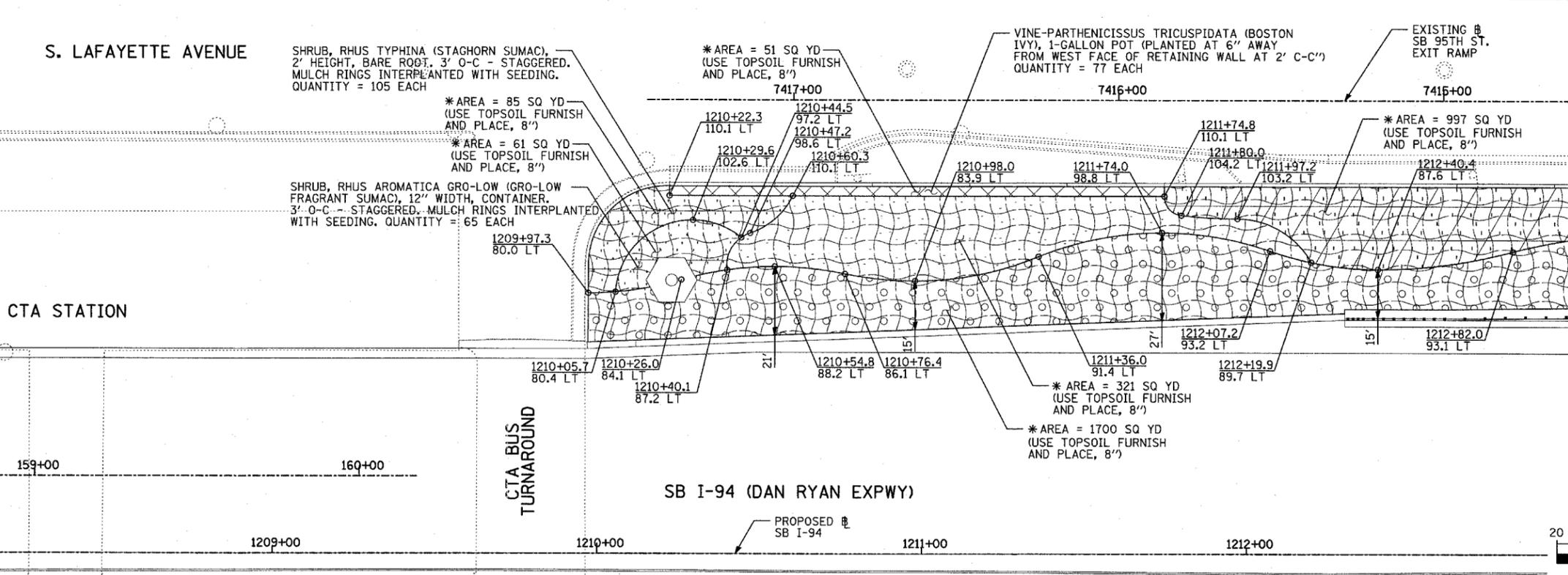
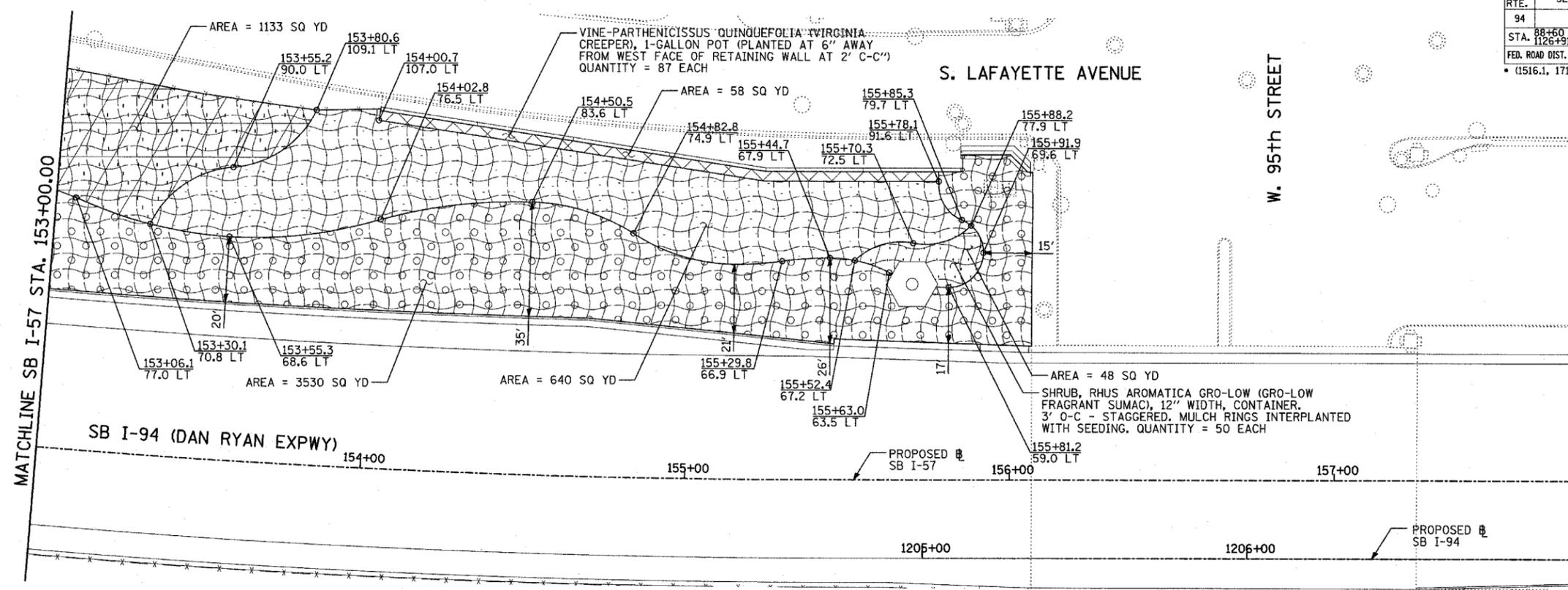
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 SB I-57
 STA. 148+00.00 TO 153+00.00
 SHEET 9 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006

DRAWN BY: JJS
 CHECKED BY: MPG

TYLIN INTERNATIONAL

- 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"
 - EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
 - EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5 (MODIFIED), *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
 - EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
 - NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
 - 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE
 - * TOPSOIL FURNISH AND PLACE, 8" TO BE USED IN SELECTED AREAS BETWEEN STATIONS 1209+97 AND 1231+62 (SHEETS 10-12)



LANDSCAPING GENERAL PLAN NOTES:

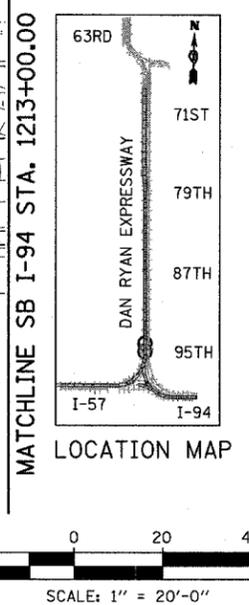
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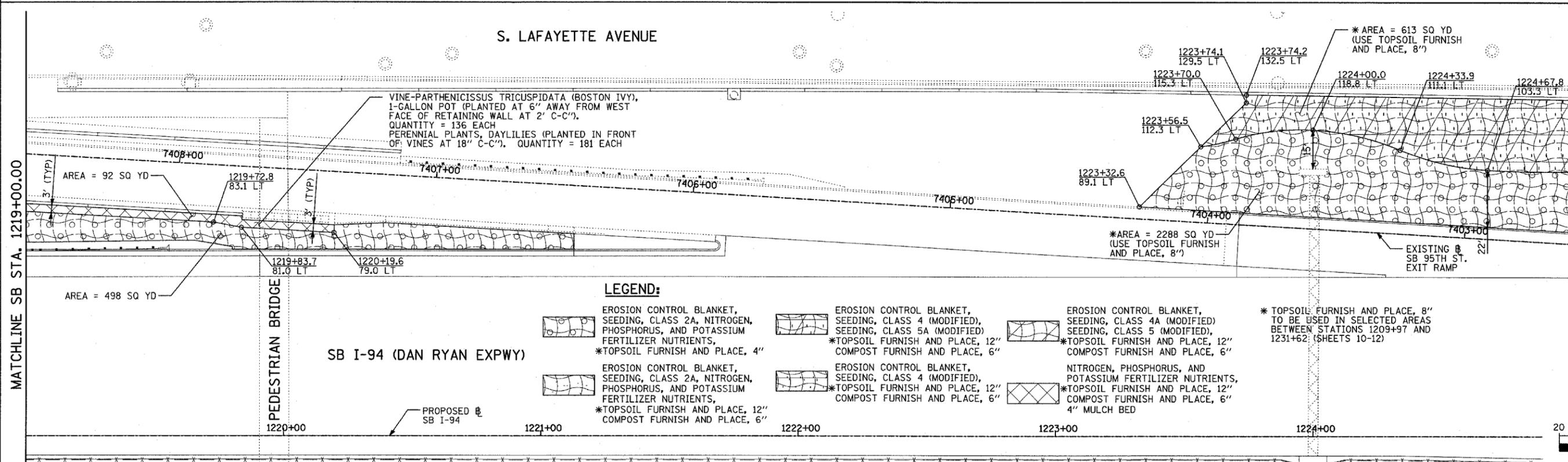
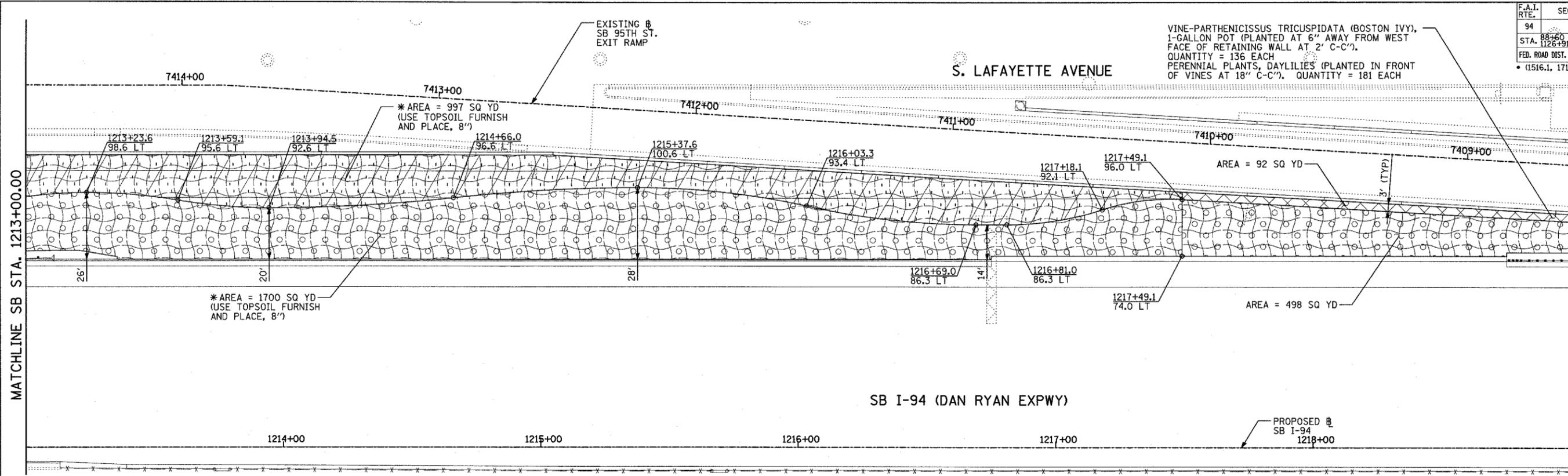
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
 SB I-57 & SB I-94 - SB I-57 STA. 153+00.00
 TO SB I-94 STA. 1213+00.00
SHEET 10 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG

TYLIN INTERNATIONAL





LEGEND:

	EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, *TOPSOIL FURNISH AND PLACE, 4"		EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"		EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
	EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"		EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 4 (MODIFIED), *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"		NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, *TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED

LANDSCAPING GENERAL PLAN NOTES:

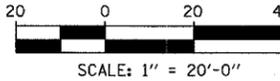
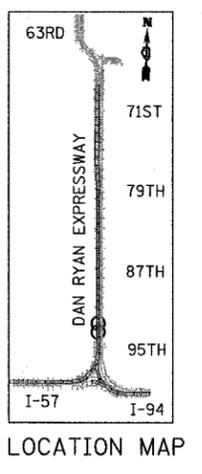
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- LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

REVISIONS	
NAME	DATE

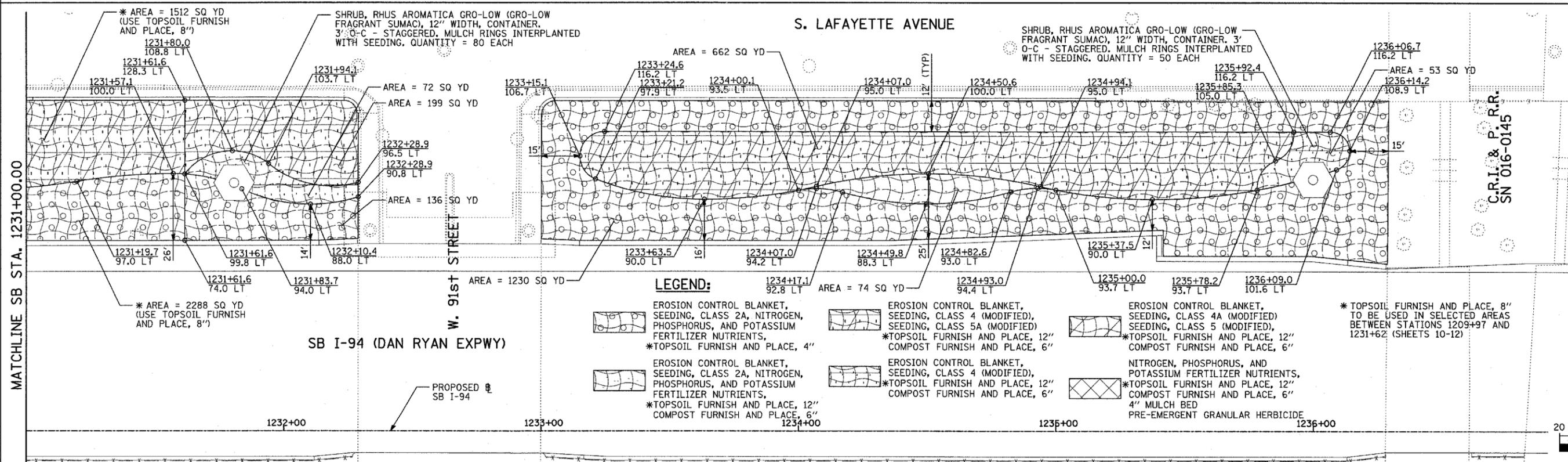
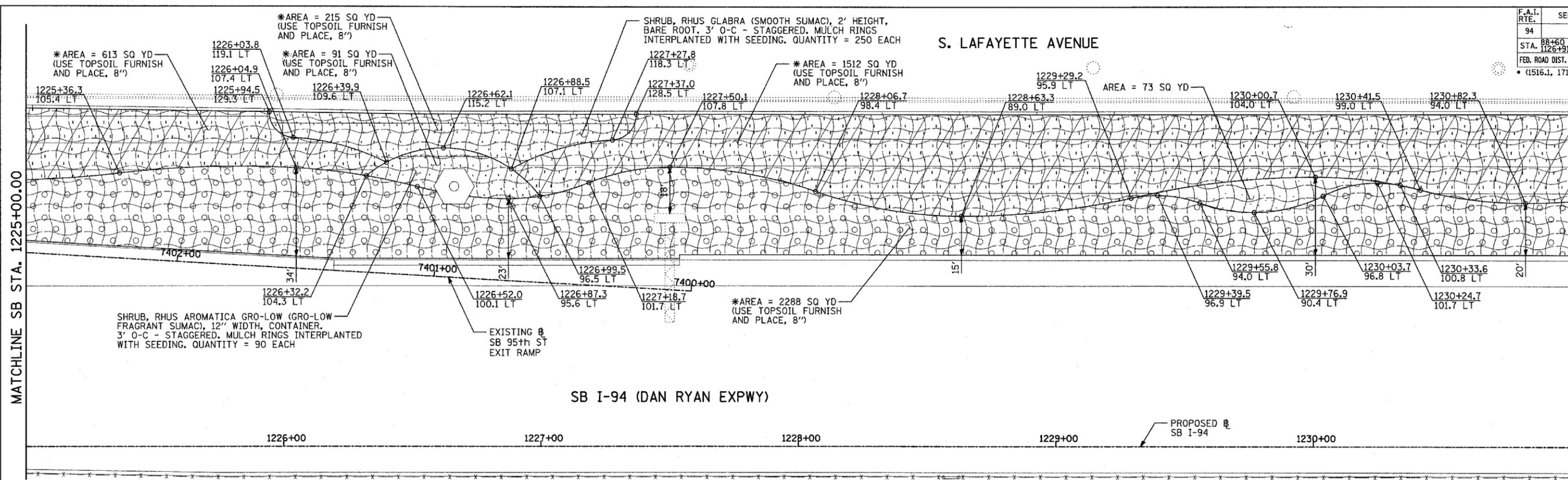
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1213+00.00 TO 1225+00.00
SHEET 11 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JUS
CHECKED BY: MPG

TYLIN INTERNATIONAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	427
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1, 1717, & 1818) R-5 62593				



LANDSCAPING GENERAL PLAN NOTES:

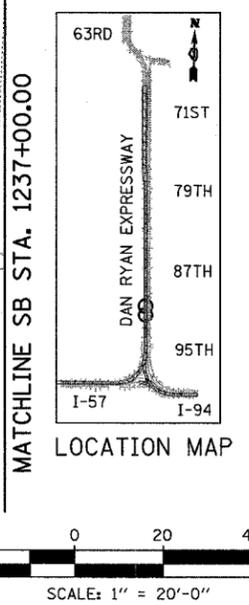
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
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- AREAS TO BE SEEDD BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
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- LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

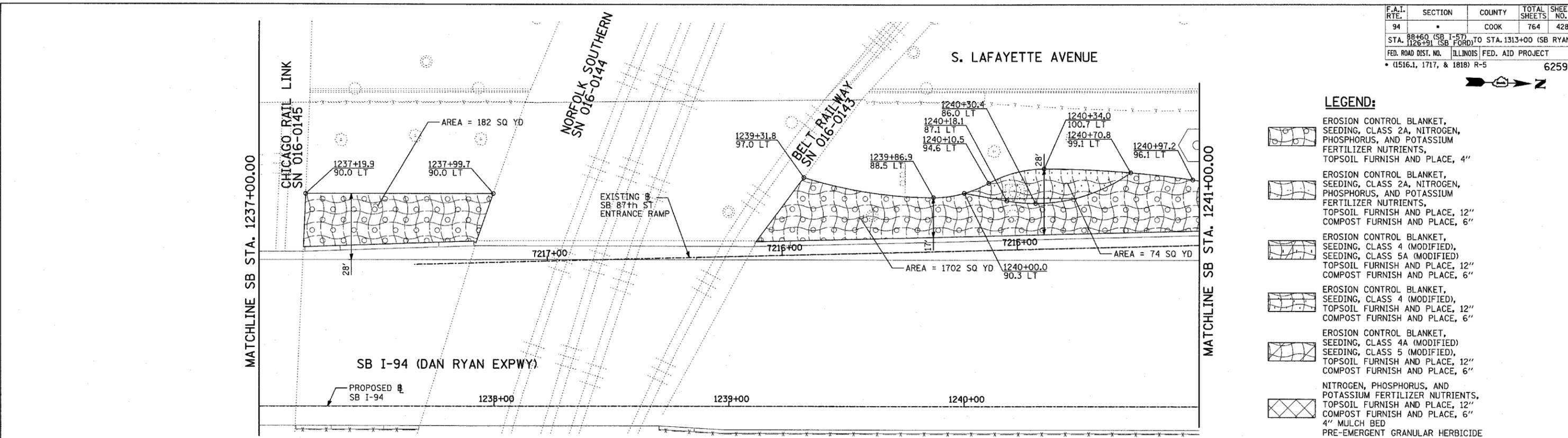
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1225+00.00 TO 1237+00.00
SHEET 12 OF 24

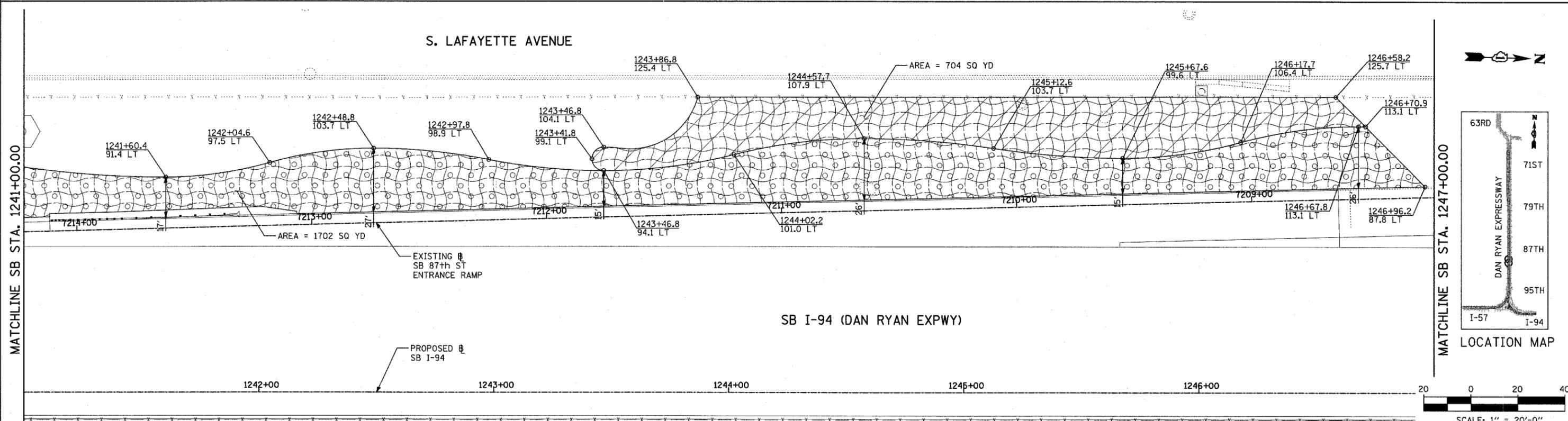
SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG

TYLIN INTERNATIONAL





- 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"
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LANDSCAPING GENERAL PLAN NOTES:

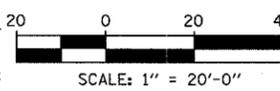
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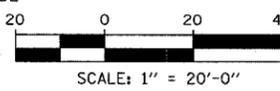
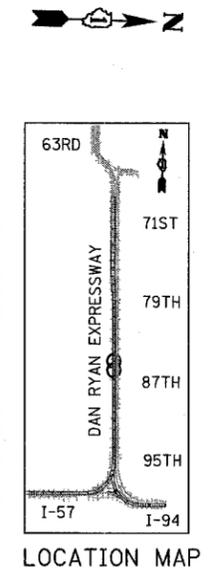
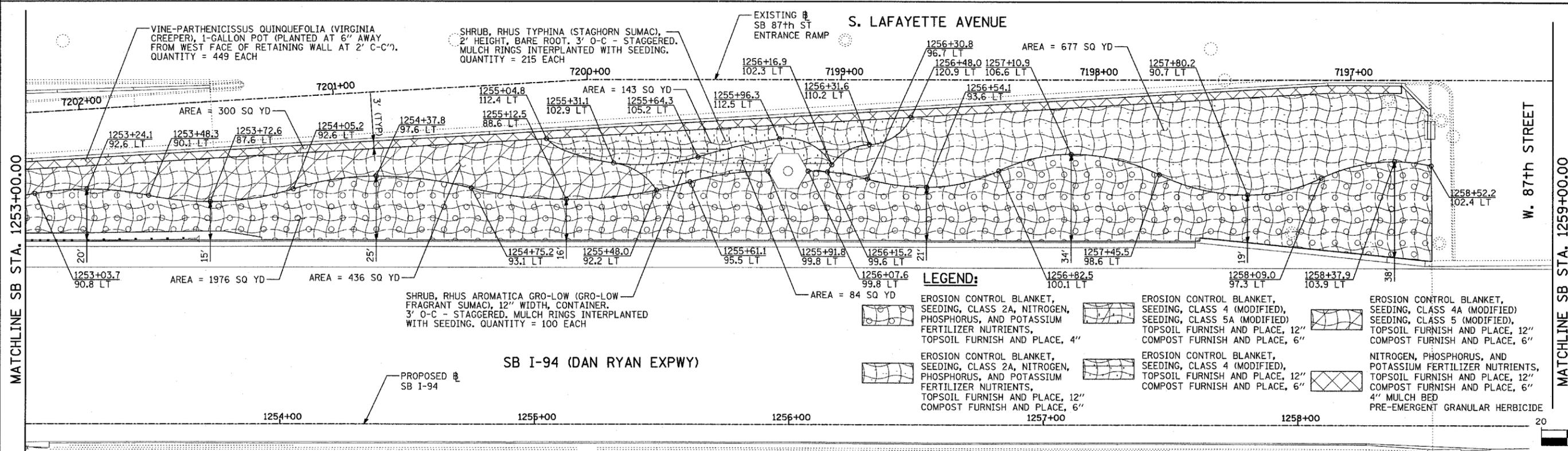
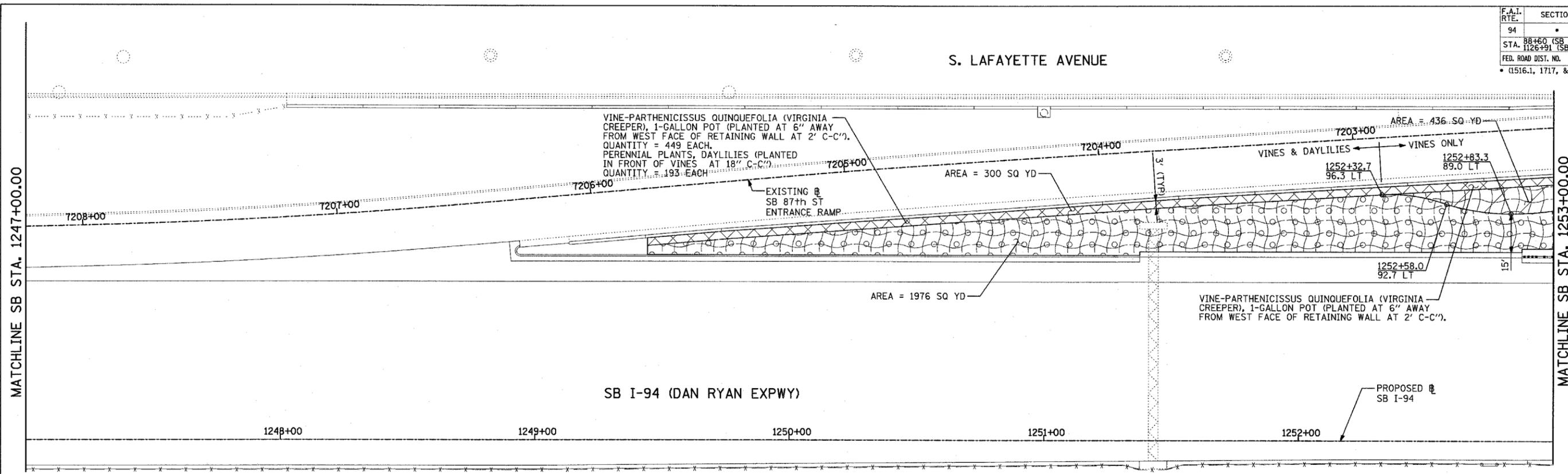
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1237+00.00 TO 1247+00.00
SHEET 13 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG





LANDSCAPING GENERAL PLAN NOTES:

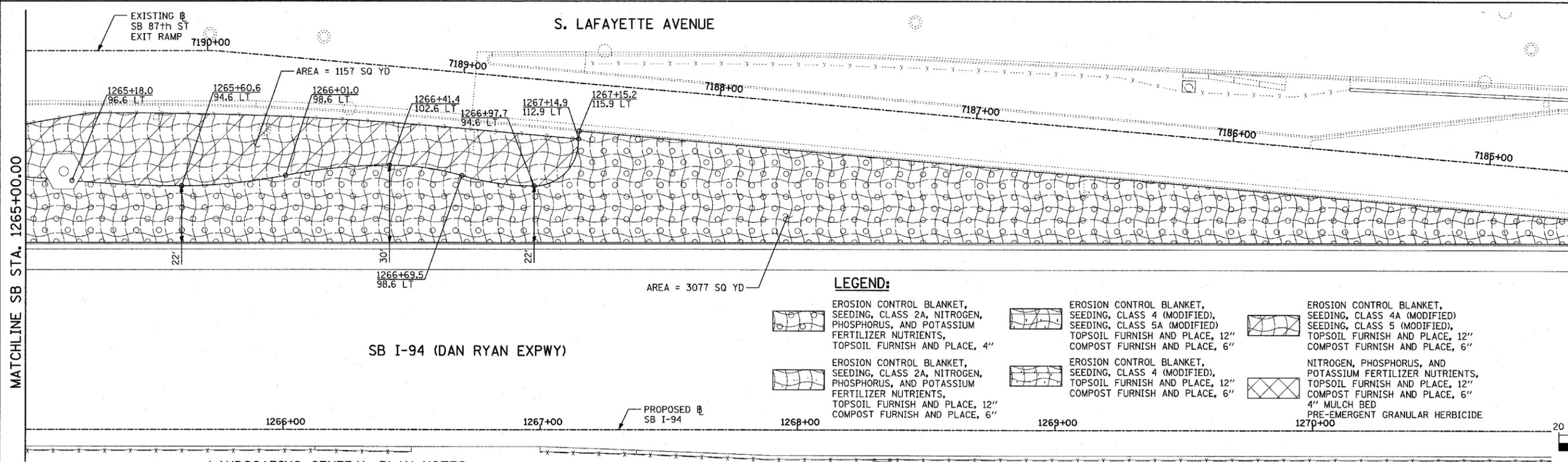
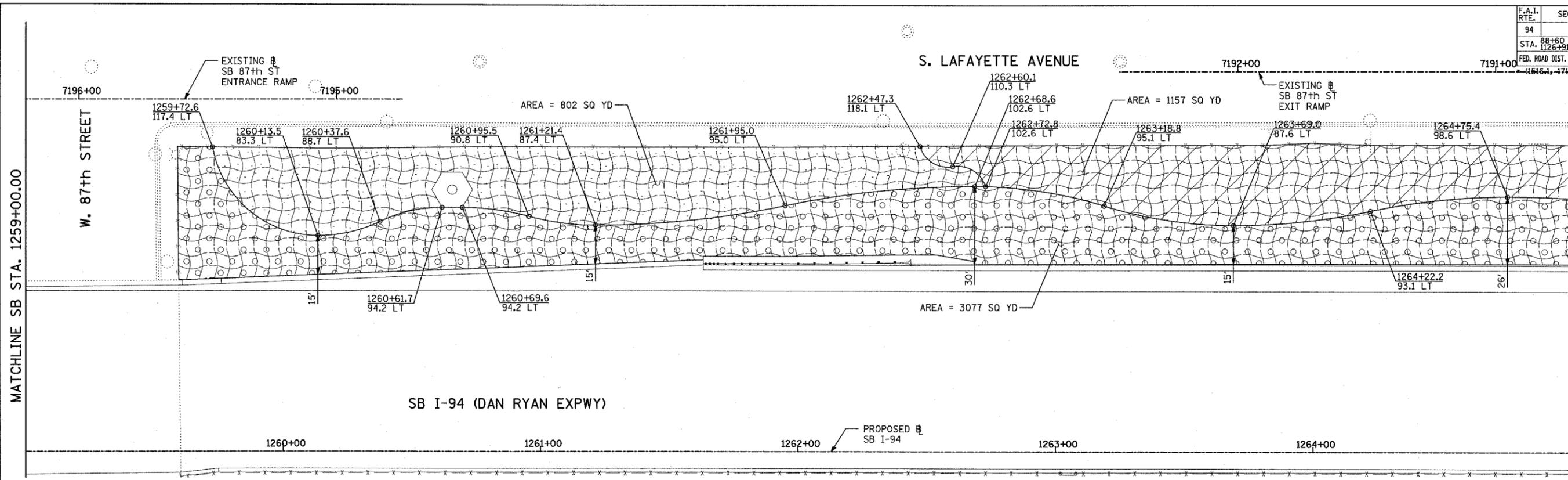
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TYLIN INTERNATIONAL

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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1247+00.00 TO 1259+00.00
SHEET 14 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG



LEGEND:

- | | | | | | |
|--|--|--|--|--|---|
| | EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4" | | EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" | | EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" |
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LANDSCAPING GENERAL PLAN NOTES:

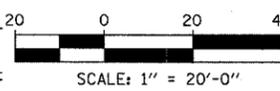
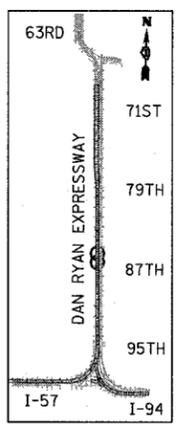
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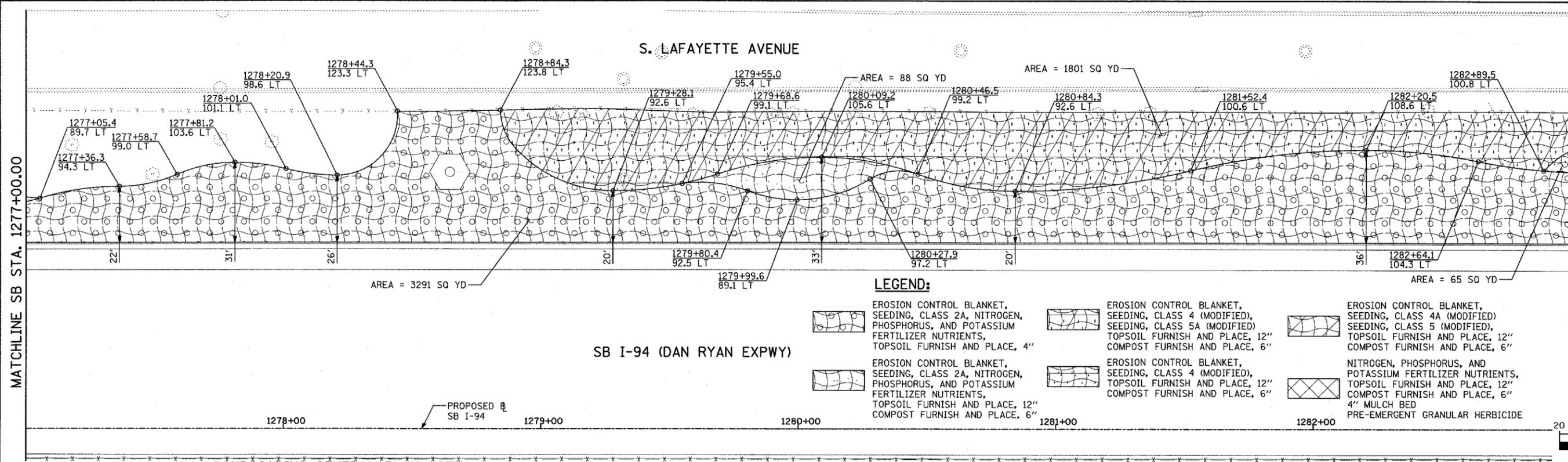
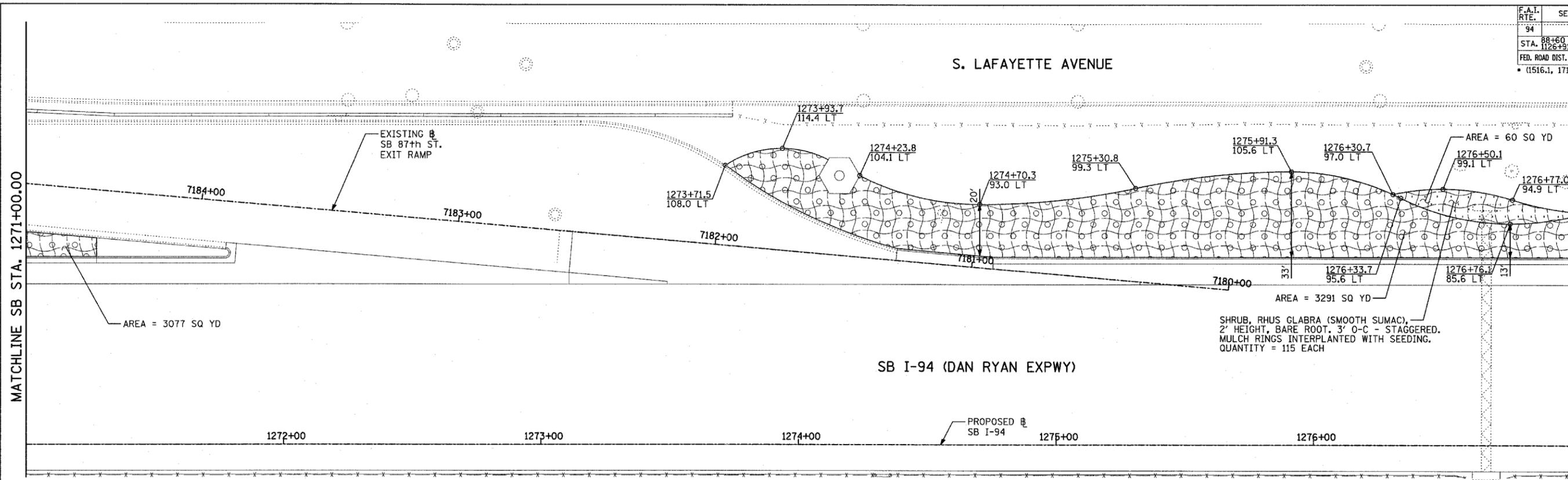
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1259+00.00 TO 1271+00.00
SHEET 15 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JUS
CHECKED BY: MPG





LANDSCAPING GENERAL PLAN NOTES:

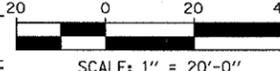
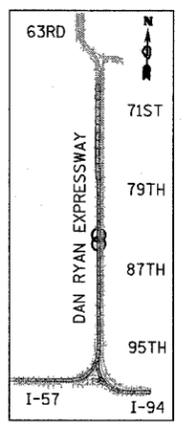
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TYLIN INTERNATIONAL

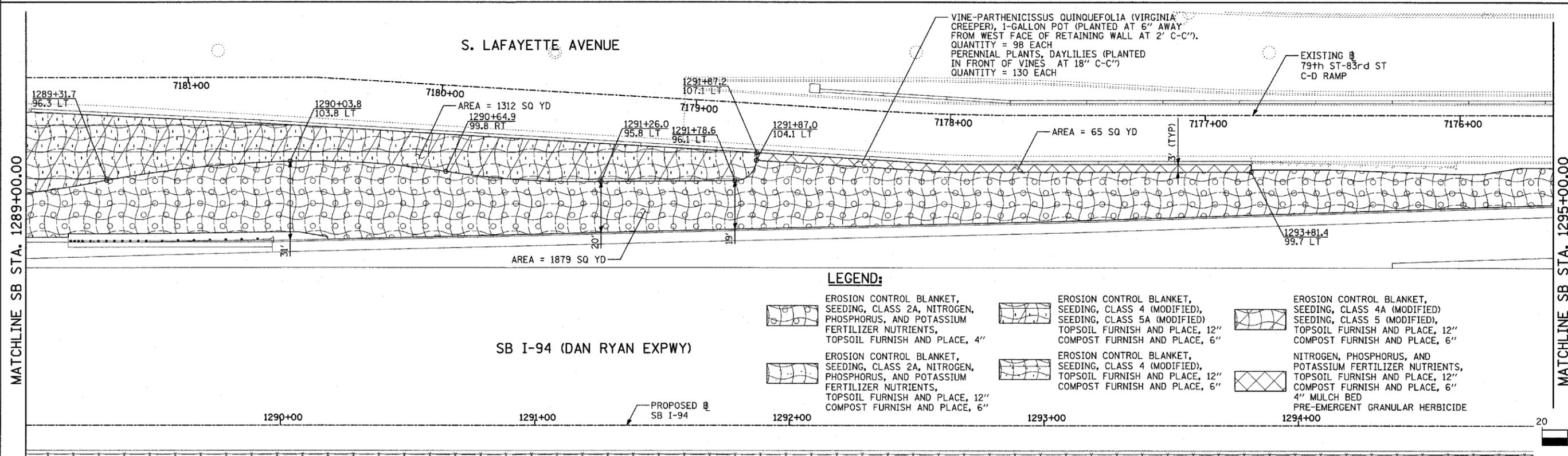
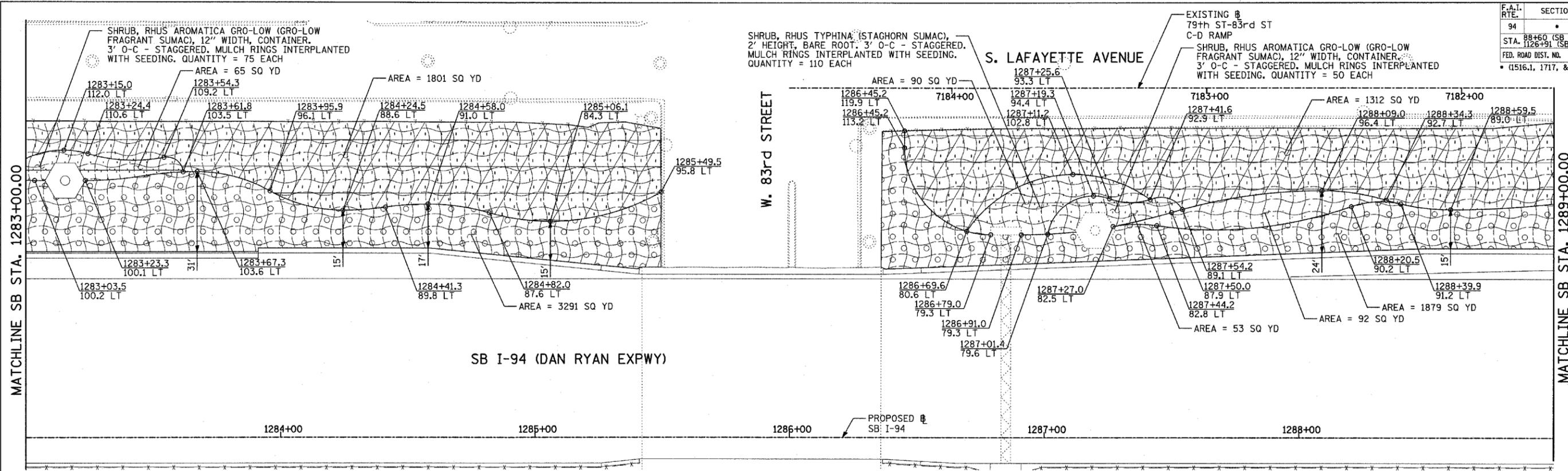
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1271+00.00 TO 1283+00.00
SHEET 16 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	432
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-5 62593				



LEGEND:

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LANDSCAPING GENERAL PLAN NOTES:

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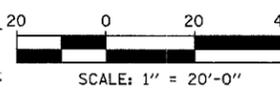
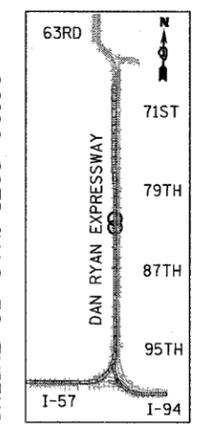
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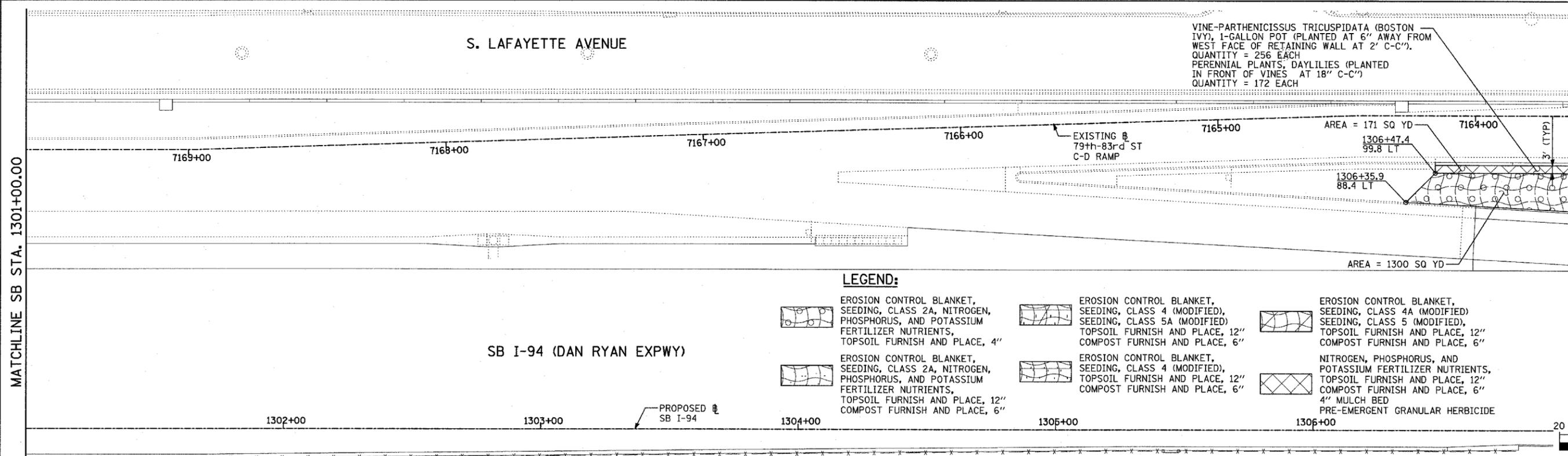
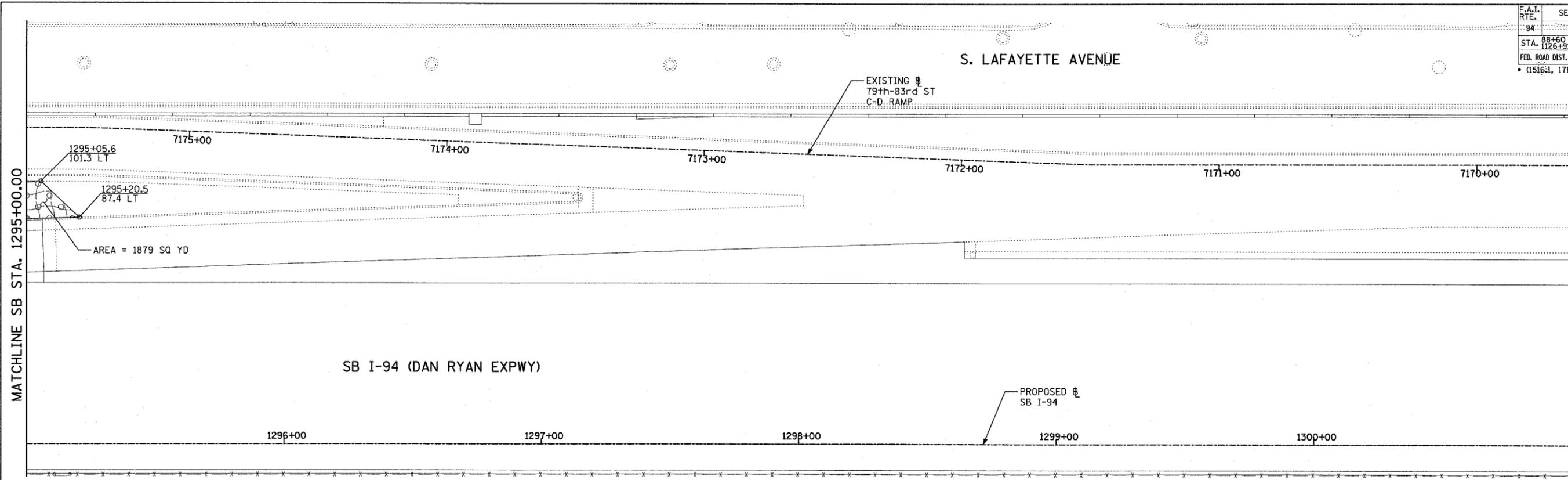
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (DAN RYAN EXPRESSWAY)
STA. 1283+00.00 TO 1295+00.00
SHEET 17 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG

TYLIN INTERNATIONAL





LANDSCAPING GENERAL PLAN NOTES:

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STA. 1295+00.00 TO 1307+00.00
SHEET 18 OF 24

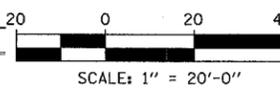
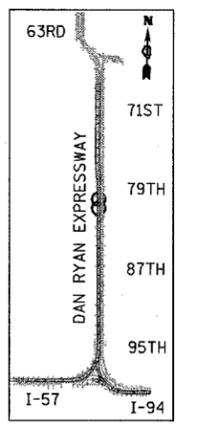
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DATE: MARCH 1, 2006
DRAWN BY: JJS
CHECKED BY: MPG

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MATCHLINE SB STA. 1295+00.00

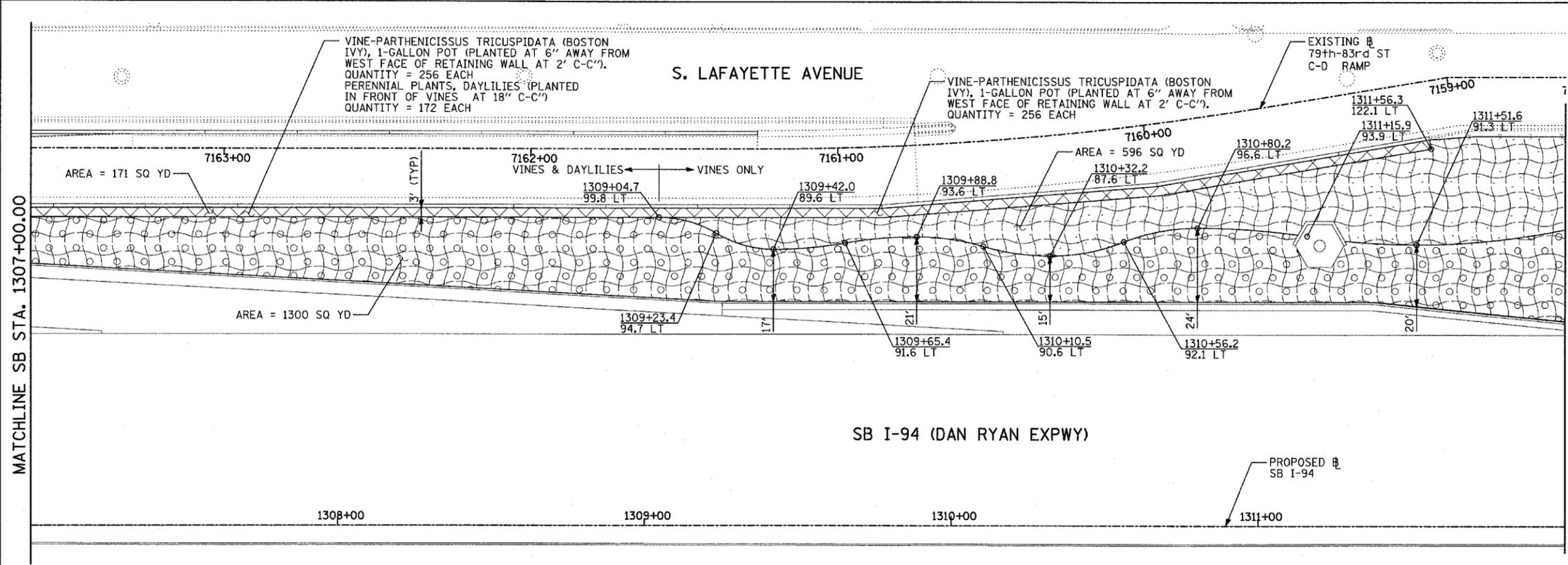
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MATCHLINE SB STA. 1307+00.00

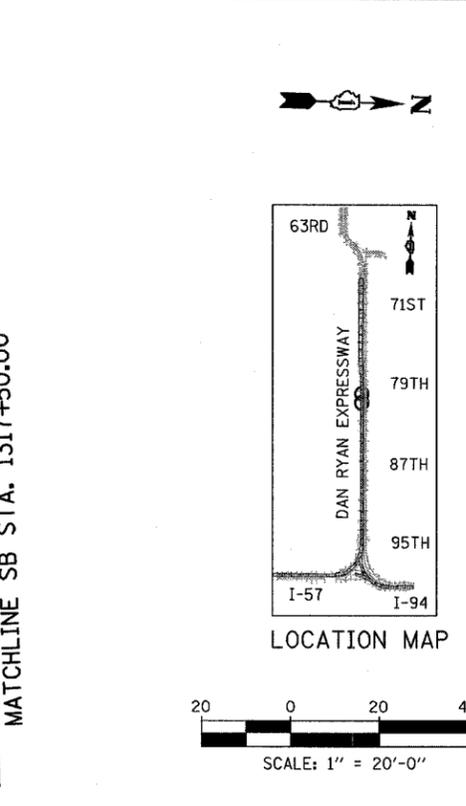
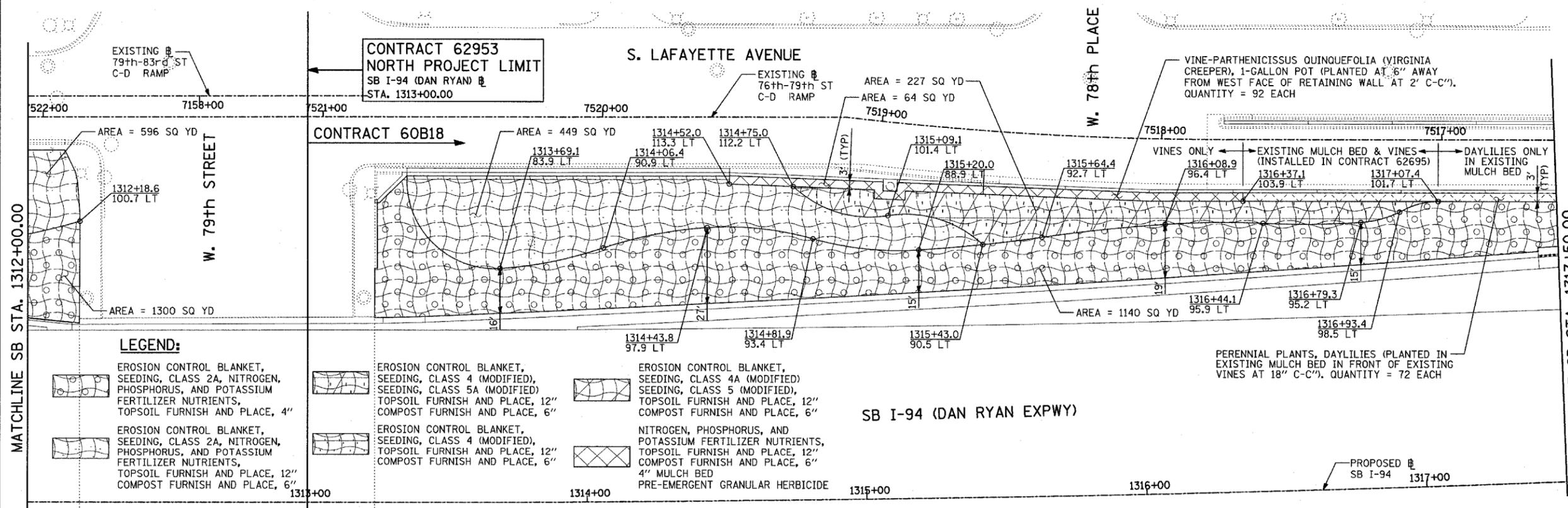


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	434

STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)
 STA. 1126+91 (SB FORD) TO STA. 1313+00 (SB RYAN)
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * (1516.1, 1717, & 1818) R-5 62593



- LANDSCAPING GENERAL PLAN NOTES:**
1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
 2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
 3. 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, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
 4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
 5. 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.
 6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.



TYLIN INTERNATIONAL

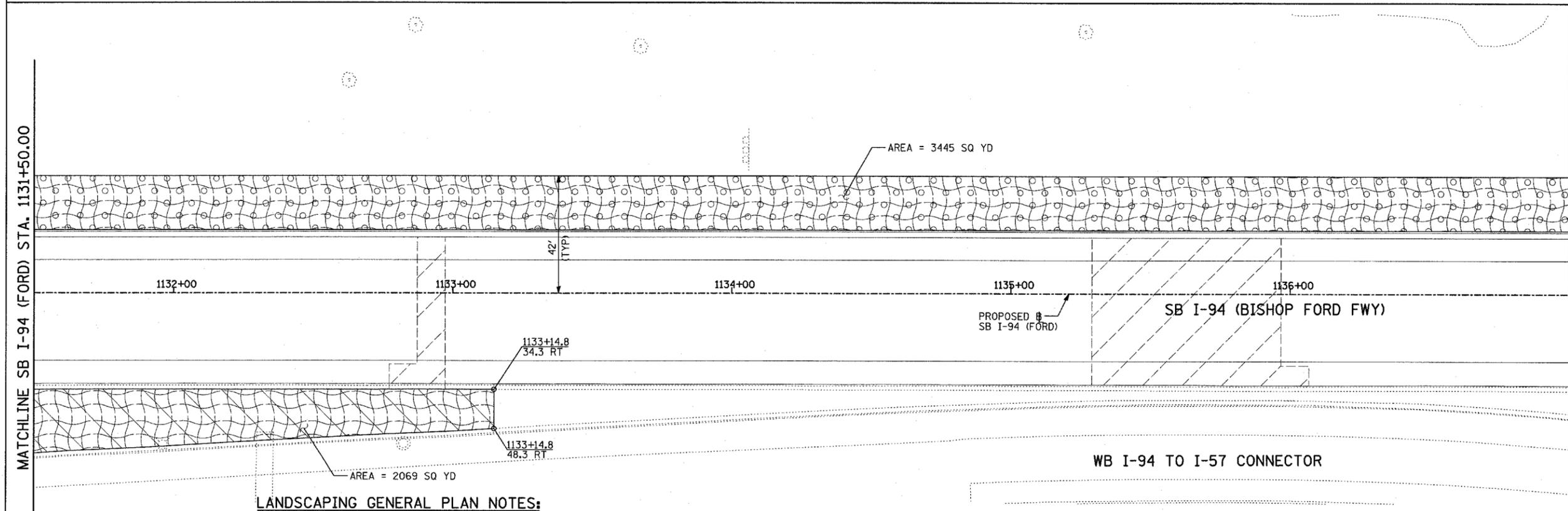
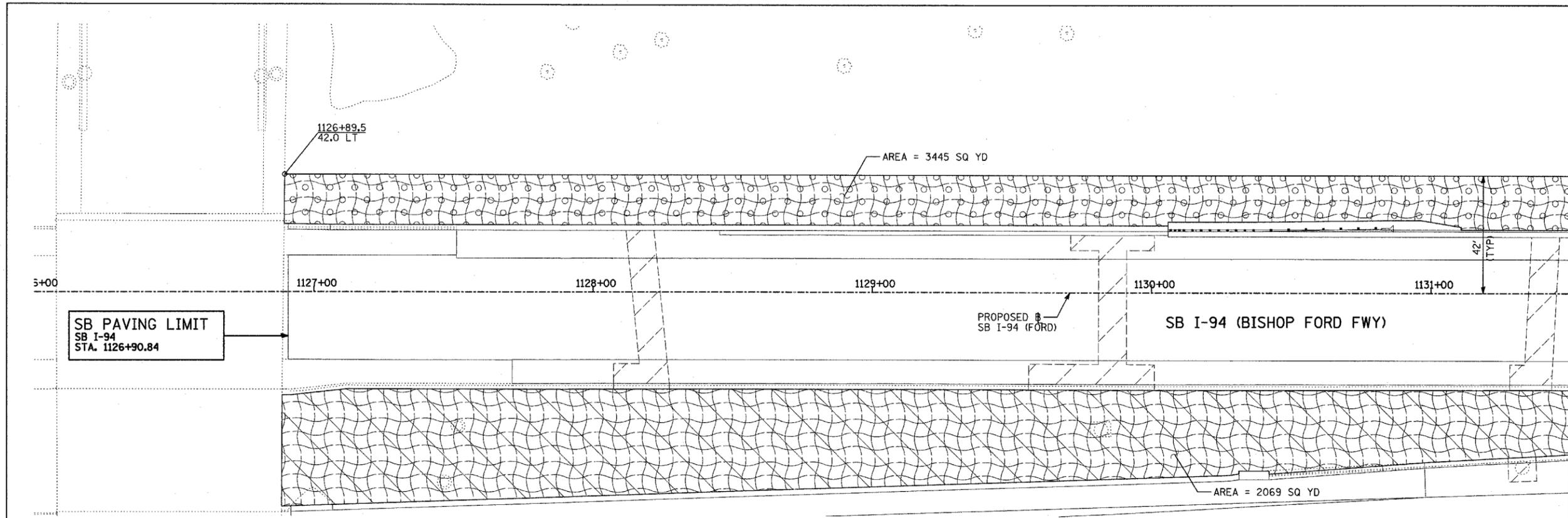
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN**
 SB I-94 (DAN RYAN EXPRESSWAY)
 STA. 1307+00.00 TO 1317+50.00
 SHEET 19 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG

LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4" N
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" N
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED) TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" N
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" N
- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" N
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" N
- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE



LANDSCAPING GENERAL PLAN NOTES:

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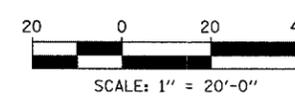
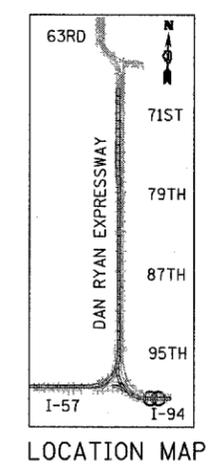
TYLIN INTERNATIONAL

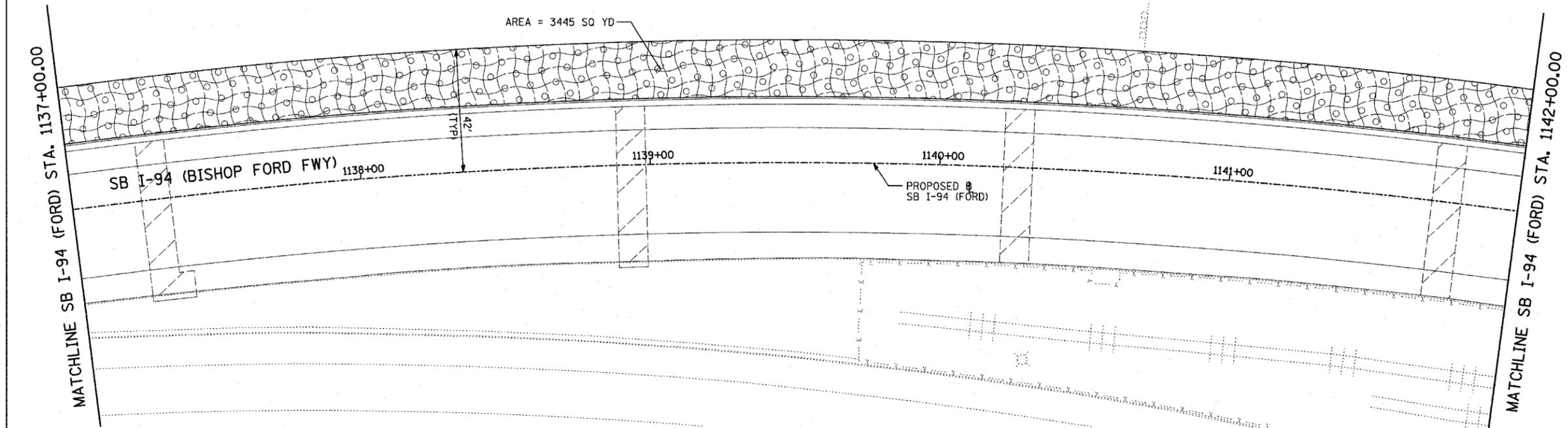
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 SB I-94 (BISHOP FORD FWY)
 STA. 1126+90.84 TO STA. 1137+00.00
 SHEET 20 OF 24

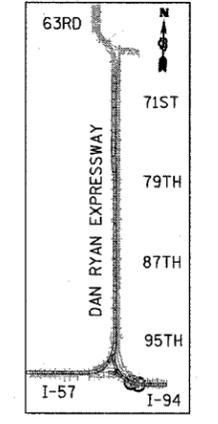
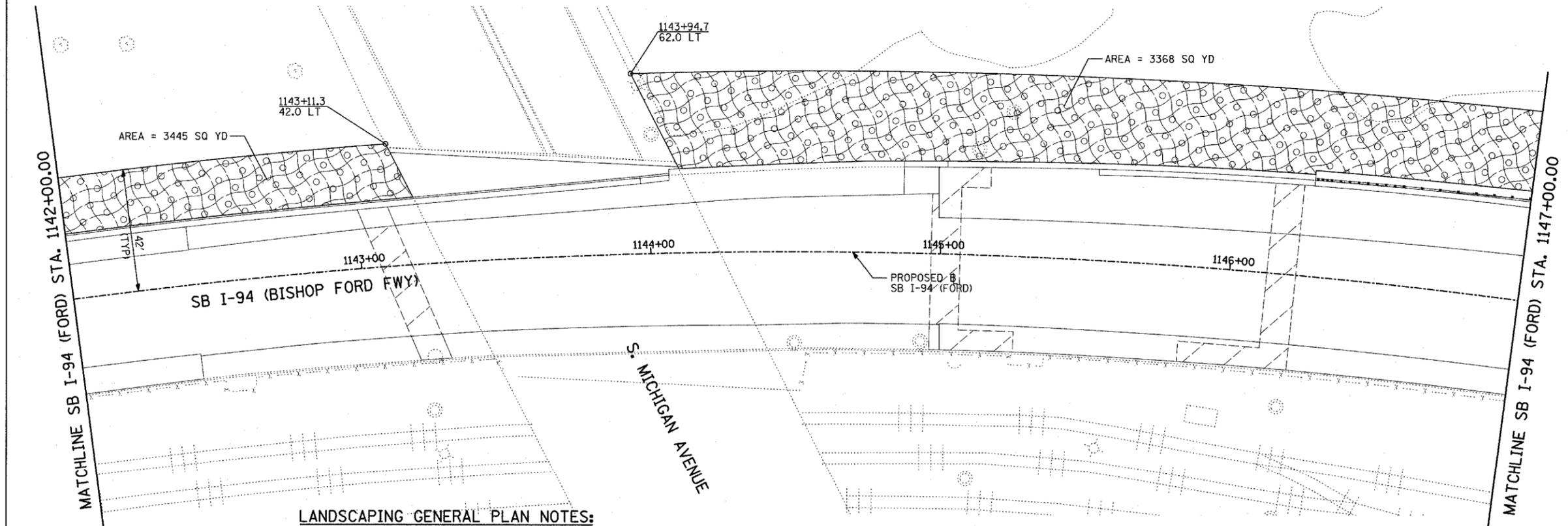
SCALE: 1"=20'
 DATE: MARCH 1, 2006

DRAWN BY: JUS
 CHECKED BY: MPG

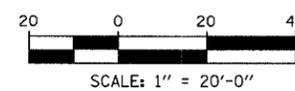




- LEGEND:**
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
 - EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
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 - EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
 - NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE



LOCATION MAP



LANDSCAPING GENERAL PLAN NOTES:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
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TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

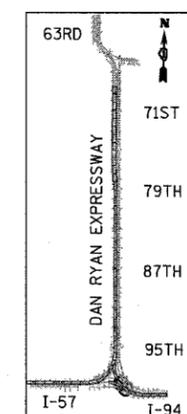
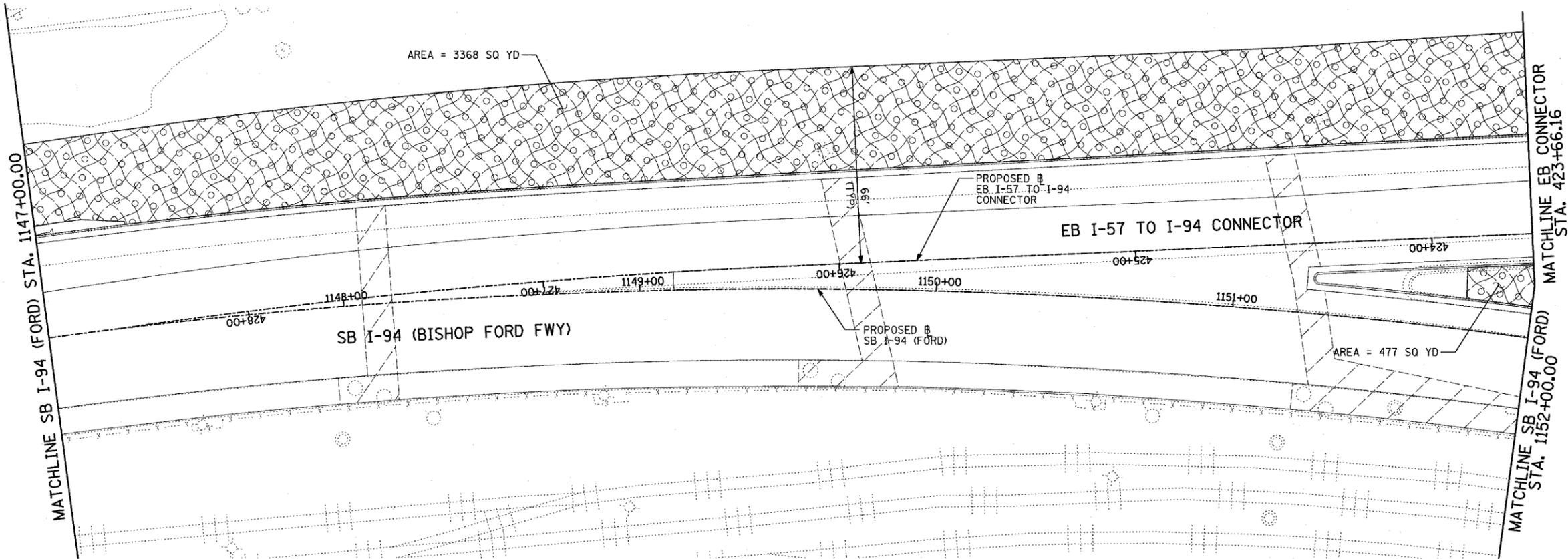
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
LANDSCAPING PLAN
SB I-94 (BISHOP FORD FWY)
STA. 1137+00.00 STA. 1147+00.00
SHEET 21 OF 24

SCALE: 1"=20'
DATE: MARCH 1, 2006
DRAWN BY: JUS
CHECKED BY: MPG



LEGEND:

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

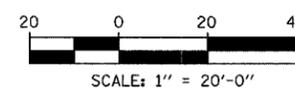


LOCATION MAP

LANDSCAPING GENERAL PLAN NOTES:

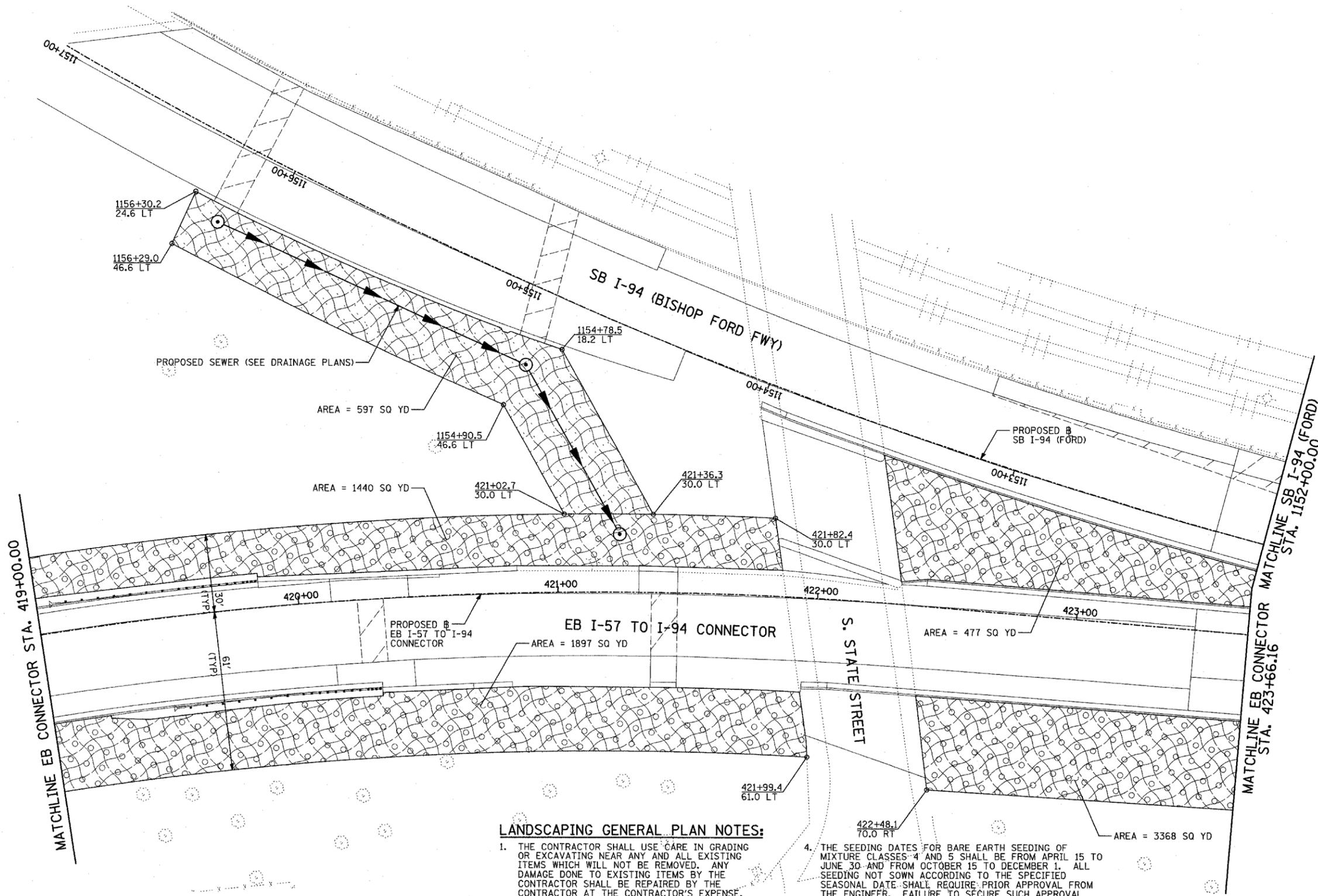
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TYLIN INTERNATIONAL



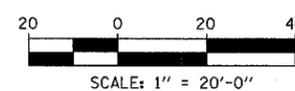
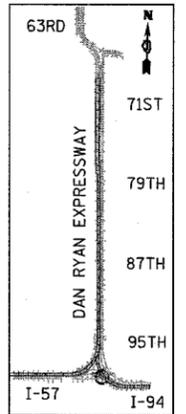
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 SB I-94 (BISHOP FORD FWY) & EB I-94 TO I-57 CONNECTOR - SB I-94 STA. 1147+00.00 TO EB CONNECTOR STA. 423+66.16
 SHEET 22 OF 24
 SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG



LEGEND:

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
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LANDSCAPING GENERAL PLAN NOTES:

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 EB I-57 TO I-94 CONNECTOR & SB I-94 (FORD)
 EB STA. 419+00.00 TO STA. 423+66.16
 SHEET 23 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG

TYLIN INTERNATIONAL

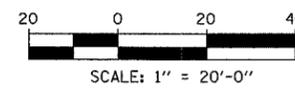
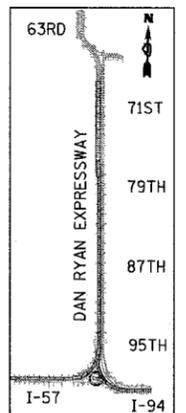
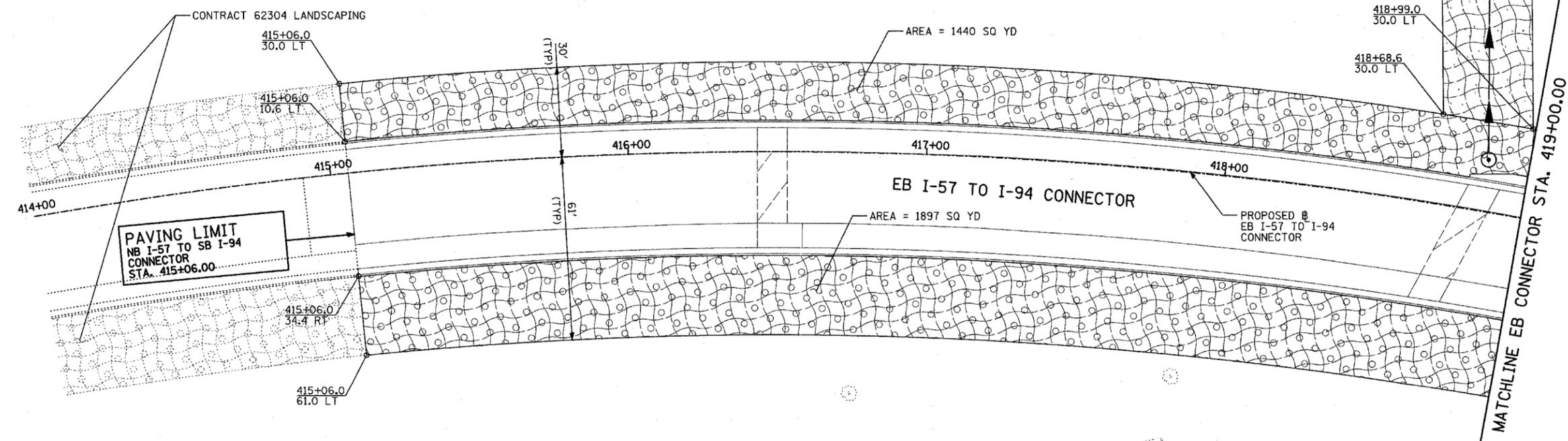


LEGEND:

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- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE

LANDSCAPING GENERAL PLAN NOTES:

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 LANDSCAPING PLAN
 EB I-57 TO I-94 CONNECTOR
 STA. 415+06.00 TO STA. 419+00.00
 SHEET 24 OF 24

SCALE: 1"=20'
 DATE: MARCH 1, 2006
 DRAWN BY: JJS
 CHECKED BY: MPG

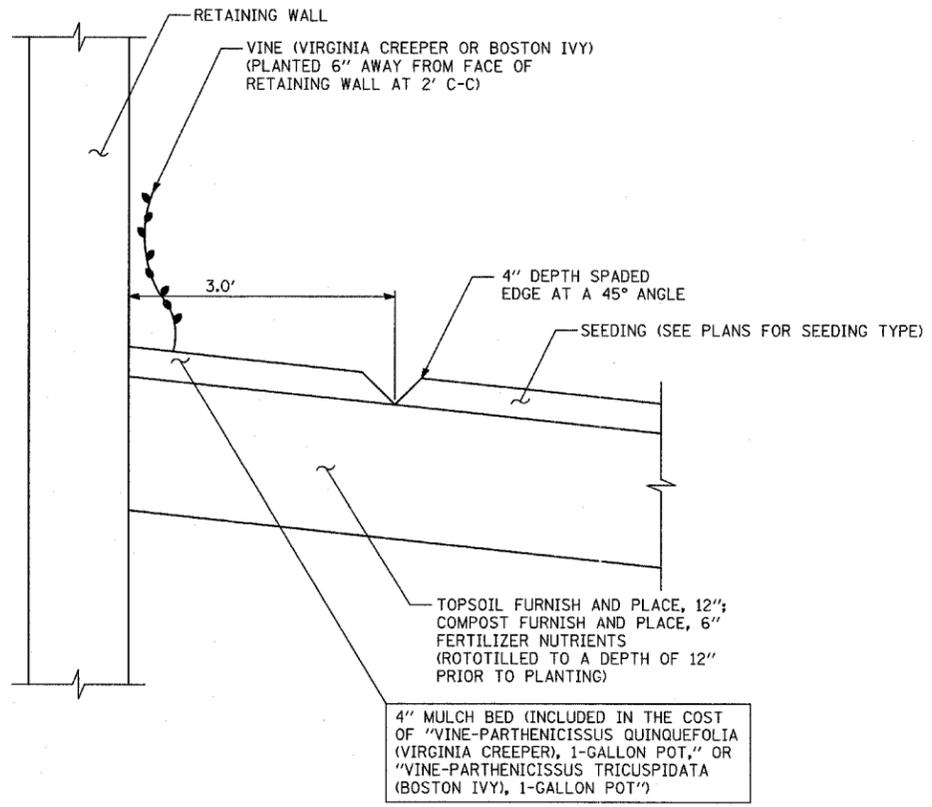
TYLIN INTERNATIONAL

GENERAL PLAN NOTES - LANDSCAPING:

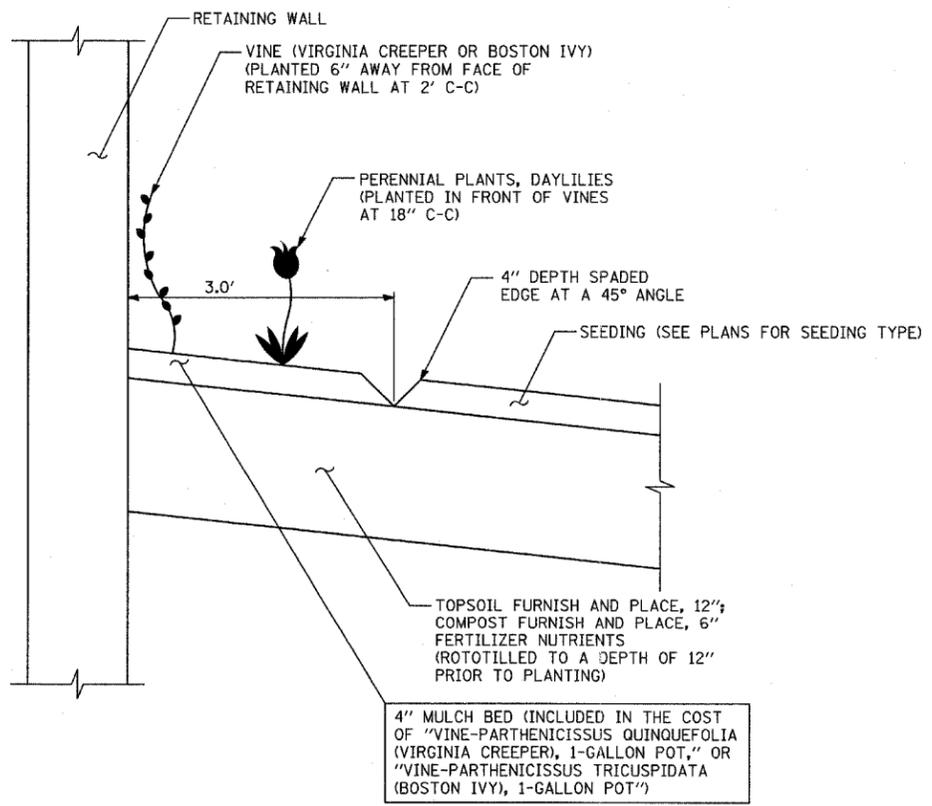
1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION 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.
3. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
4. 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," "SEEDING CLASS 4 (MODIFIED)," "SEEDING CLASS 4A (MODIFIED)," "SEEDING CLASS 5 (MODIFIED)," OR "SEEDING, CLASS 5A (MODIFIED)."
5. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

GENERAL PLAN NOTES - PLANTING BED:

7. SEE LANDSCAPING PLANS FOR SPECIFIC LOCATIONS AND QUANTITIES OF VINES, SHRUBS, AND DAYLILIES.
8. ALL COMPOST AND TOPSOIL AREAS SHALL BE THOROUGHLY ROTOTILLED TO A DEPTH OF 12" PRIOR TO PLANTING AND/OR SEEDING
9. THE CONTRACTOR SHALL ORDER THE FOLLOWING PLANT MATERIAL IMMEDIATELY FOLLOWING EXECUTION OF THE CONTRACT TO ASSURE AVAILABILITY OF THE PLANT MATERIAL FOR SPRING PLANTING AT THE CONCLUSION OF THE CONTRACT:
 - VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON
 - VINE-PARTHENOCISSUS TRICUSPIDATA (BOSTON IVY), 1-GALLON
 - HEMEROCALLIS 'HAPPY RETURNS' (HAPPY RETURNS DAYLILY), 1-GALLON
 - SHRUB, RHUS AROMATICA 'GRO-LOW' (GRO-LOW SUMAC), 18" WIDTH, CONTAINER
 - SHRUB, RHUS GLABRA (SMOOTH SUMAC), 2' HEIGHT, BARE ROOT
 - SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BARE ROOT
10. MULCH BED SHALL BE PLACED OVER ROTOTILLED COMPOST/TOPSOIL AS SHOWN IN THE PLANTING DETAILS 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 THE VINES, DAYLILIES, AND SHRUBS.
11. PRE-EMERGENT GRANULAR HERBICIDE SHALL BE PLACED IN MULCHED BEDS ACCORDING TO THE SPECIAL PROVISION.
12. FERTILIZER NUTRIENTS SHALL BE ADDED AND APPLIED TO THE VINE BEDS AT A 5:3:2 RATIO AS FOLLOWS:
 - NITROGEN FERTILIZER NUTRIENTS: 90 LBS/ACRE
 - PHOSPHORUS FERTILIZER NUTRIENTS: 54 LBS/ACRE
 - POTASSIUM FERTILIZER NUTRIENTS: 36 LBS/ACRE
 THIS FERTILIZER SHALL BE TILLED AND CULTIVATED INTO THE SOIL TO A DEPTH OF 12"
13. CONTRACTOR SHALL COORDINATE WITH CONTRACTS 60A08 AND 60A23 WHEN PLACING SUMAC SHRUBS NEAR HIGH MAST LIGHT TOWERS SERVICE PADS. SUMAC SHRUBS SHALL NOT BE INSTALLED PRIOR TO THE INSTALLATION OF AND GRADING REQUIRED FOR HIGH MAST LIGHT TOWER SERVICE PADS.



VINE PLANTING DETAIL



VINE AND DAYLILY PLANTING DETAIL

SCHEDULE OF LANDSCAPE ITEMS

PAY ITEM DESCRIPTION	COMMON NAME	SIZE	SPACING	UNIT	TOTAL
SHRUB, RHUS AROMATICA GRO-LOW	GRO-LOW FRAGRANT SUMAC	18" CONTAINER	3' C-C" STAGGERED	EACH	560
SHRUB, RHUS GLABRA	SMOOTH SUMAC	2' HEIGHT - BARE ROOT	3' C-C" STAGGERED	EACH	365
SHRUB, RHUS TYPHINA	STAGHORN SUMAC	2' HEIGHT - BARE ROOT	3' C-C" STAGGERED	EACH	430
VINE-PARTHENOCISSUS QUINQUEFOLIA	VIRGINIA CREEPER	1-GALLON	2' C-C"	EACH	634
VINE-PARTHENOCISSUS TRICUSPIDATA	BOSTON IVY	1-GALLON	2' C-C"	EACH	469
PERENNIAL PLANTS, DAYLILIES	HAPPY RETURNS DAYLILIES	1-GALLON	18" C-C"	UNITS	7

REVISIONS	
NAME	DATE

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

**LANDSCAPING DETAILS
& GENERAL NOTES**

SCALE: NO SCALE DRAWN BY: JJS
DATE: MARCH 1, 2006 CHECKED BY: MPG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	441
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		

ELECTRICAL SYMBOLS FOR PROPOSED WORK

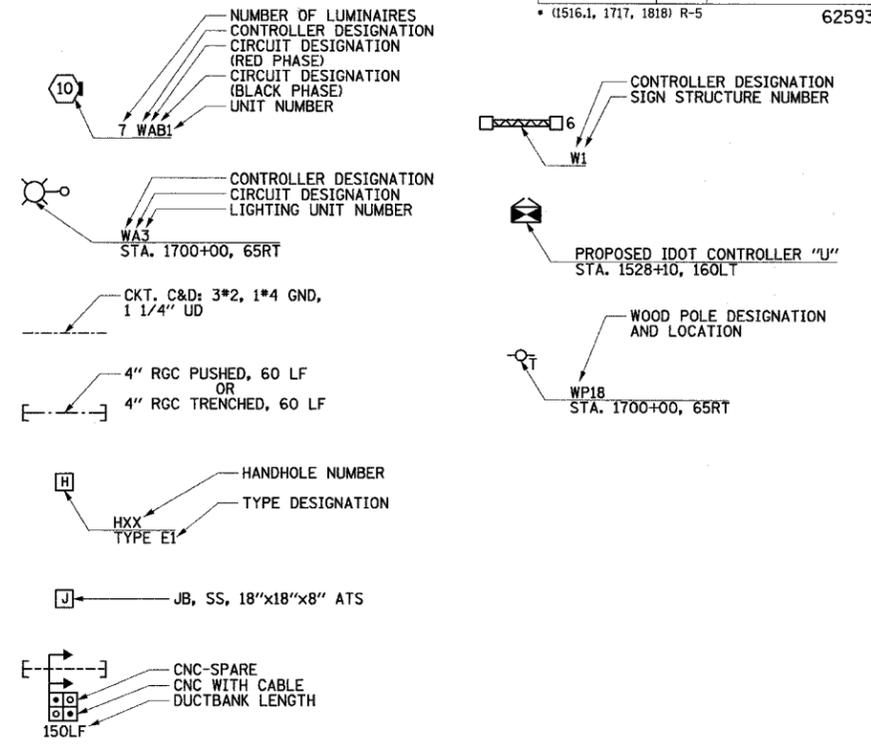
- LIGHT TOWER FOUNDATION
NUMBER INSIDE HEXAGON INDICATES TOWER TYPE
HANDHOLE LOCATION AS INDICATED
TOWER INSTALLED BY OTHERS,
UNDER A SEPARATE CONTRACT

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
- POLE FOUNDATION REMOVAL
- LIGHT POLE FOUNDATION WITH GROUND ROD
- ELECTRIC HANDHOLE: TYPE AS INDICATED
 TYPE E1: PC CONCRETE, 21.5"x21.5"x30"
IDOT STANDARD 814001 (NIC)
 TYPE E2: PC CONCRETE-HEAVY DUTY, 22"x22"x30",
IDOT STANDARD 814001 (NIC)
 TYPE C1: COMMUNICATIONS VAULT (NIC)
 TYPE S1: PC CONCRETE-HEAVY DUTY, 22"x22"x36"
 TYPE S1 (SPECIAL): PC CONCRETE-HEAVY DUTY, 22"x22"x36" (NIC)
 TYPE S2: PC CONCRETE-HEAVY DUTY SPECIAL,
30"x30"x36" (NIC)
- 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, REMOVAL
- CONDUIT TURNED DOWN
- CONDUIT TURNED UP

GENERAL ELECTRICAL CALLOUTS



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

- 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

23/EI-100

REVISIONS	
NAME	DATE

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

ELECTRICAL SYMBOLS

SCALE: NOT TO SCALE
DATE: MARCH 1, 2006
DRAWN BY: CJM
CHECKED BY: BMW



JNT'S Contract 23 Dair/15/23-E/09/002/AST 2/20/2006 2:04:18 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	442
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5				62593

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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	RM	RAMP METER		
DB	DIRECT BURIED	KW	KILOWATT	ROW	RIGHT OF WAY		
DC	DIRECT CURRENT			RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED		
DF	DARK FIBER			RT	RIGHT		
DIA	DIAMETER			RW	RETAINING WALL		
DMS	DYNAMIC MESSAGE SIGN						
DWG	DRAWING(S)						

GENERAL NOTES

- SEE DRAWING EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- REFER TO SHEETS EI-102, 103, 106, 110, 110A AND 115 FOR DETAILS AND SHEET E-301 FOR STANDARDS.
- COORDINATE ALL WORK WITH OTHER IDOT CONTRACTS 62583, 62937, 62304, 62695 AND OTHER CONTRACTS AS APPLICABLE.
- COORDINATE CONDUIT INSTALLATION WITH THE ROADWAY CONTRACTOR'S STAGE CONSTRUCTION.
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY WEIGHT ARE PROPOSED, EXCEPT ROADWAY LINES.
- ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, CANNOT BE ENERGIZED FROM THE DEPARTMENT'S CONTROLLERS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- ALL CONNECTIONS, EXTENSIONS TO MAKE THE LIGHTING SYSTEM FUNCTIONAL ARE INCLUDED IN THIS CONTRACT.
- LIGHTING AND SURVEILLANCE RACEWAYS AND DUCTBANKS SHALL BE INSTALLED IN COMMON TRENCHES WHEREVER POSSIBLE. ANY ADDITIONAL TRENCH AND BACKFILL WORK PERFORMED BY THE CONTRACTOR TO FACILITATE INSTALLATION OF LIGHTING AND SURVEILLANCE RACEWAY, DUCTBANKS OR HANDHOLES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF THIS CONTRACT.

23/EI-101

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

REVISIONS	
NAME	DATE

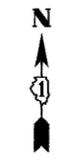
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

ELECTRICAL ABBREVIATIONS

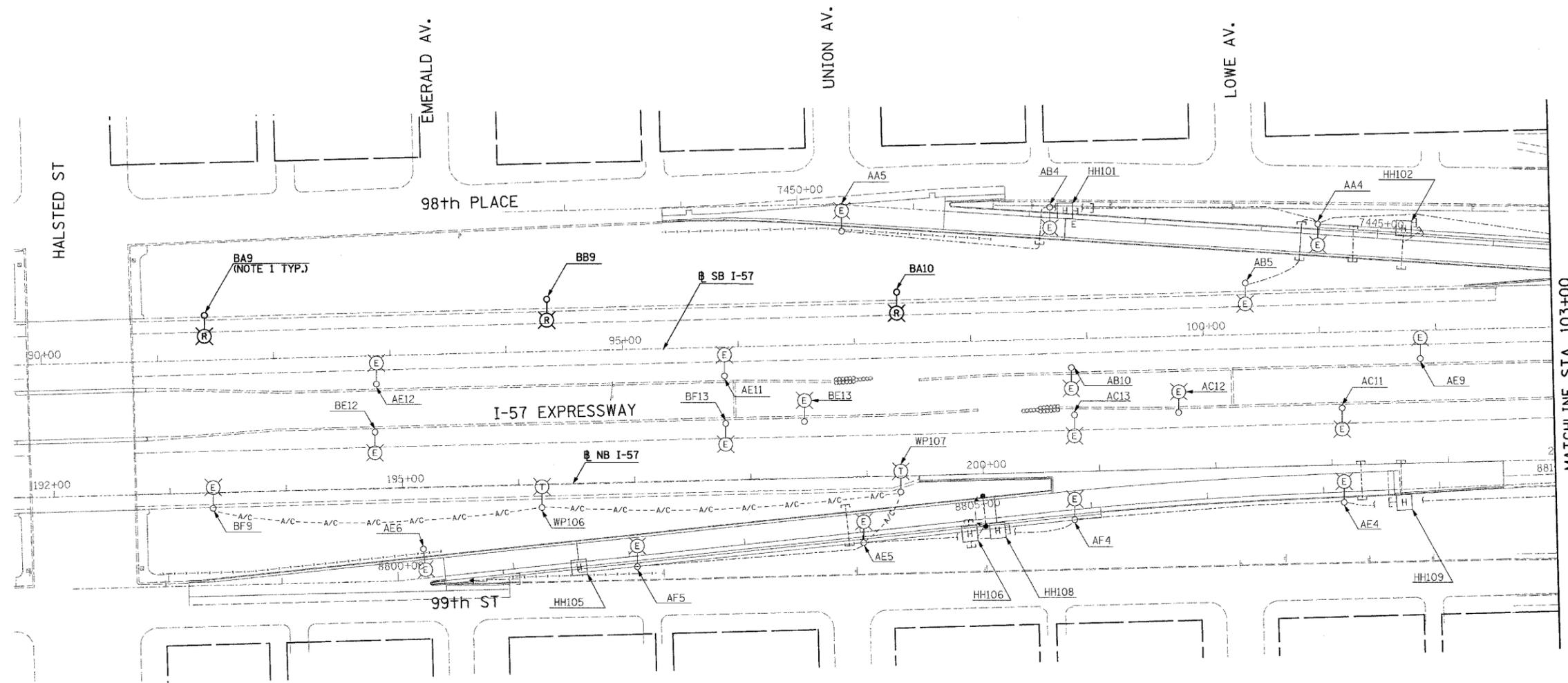
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DATE: MARCH 1, 2006 CHECKED BY: BMW

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	443
STA. 89+77 TO STA. 103+00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5		62593		



- NOTES:**
- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62937. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



MATCHLINE STA. 103+00
SEE SHEET EL-02



23/EL-01

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

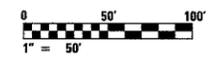
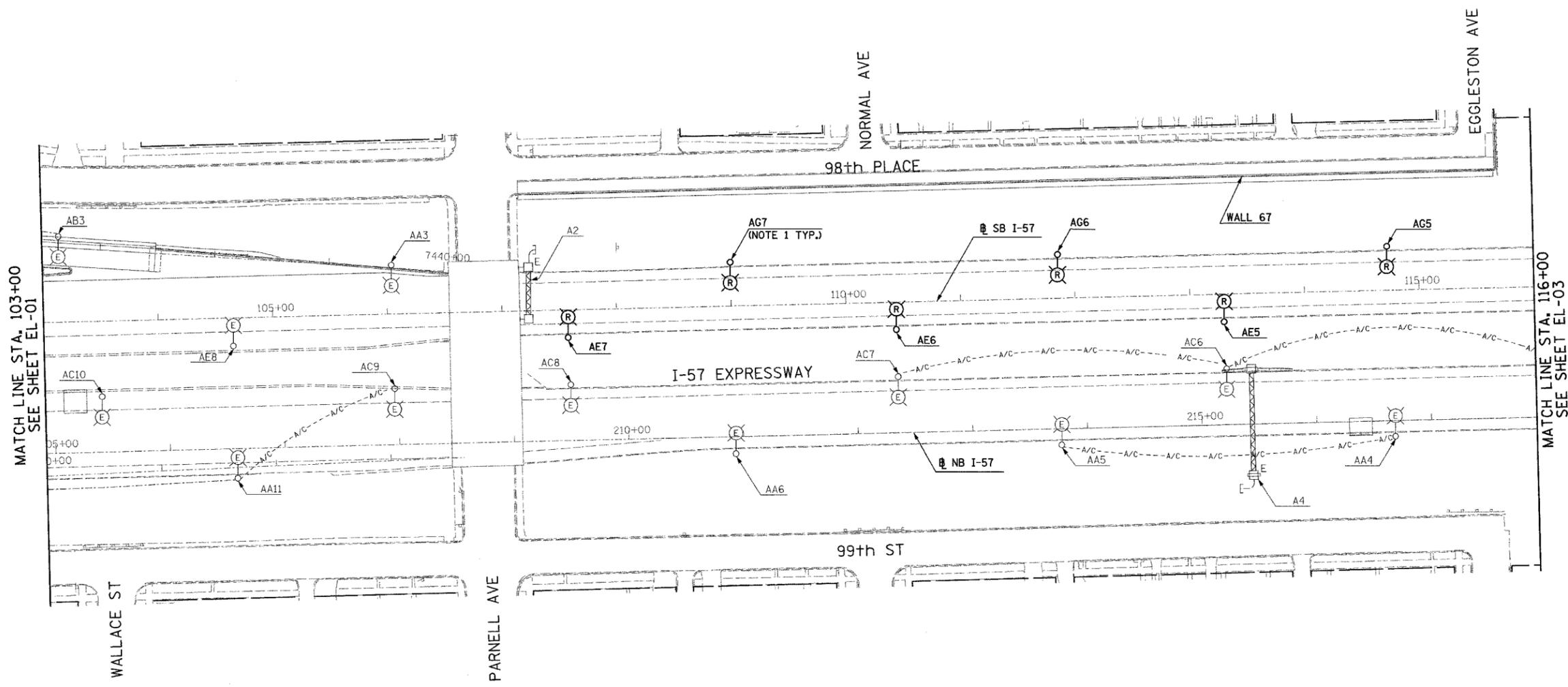
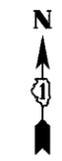
SCALE: 1"=50' DRAWN BY: YJ
DATE: MARCH 1, 2006 CHECKED BY: TM

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

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	444
STA. 103+00		TO STA. 116+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		

- NOTES:
- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62937. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART THIS OF CONTRACT (62593).



23/EL-02

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. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
 DATE: MARCH 1, 2006

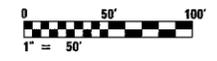
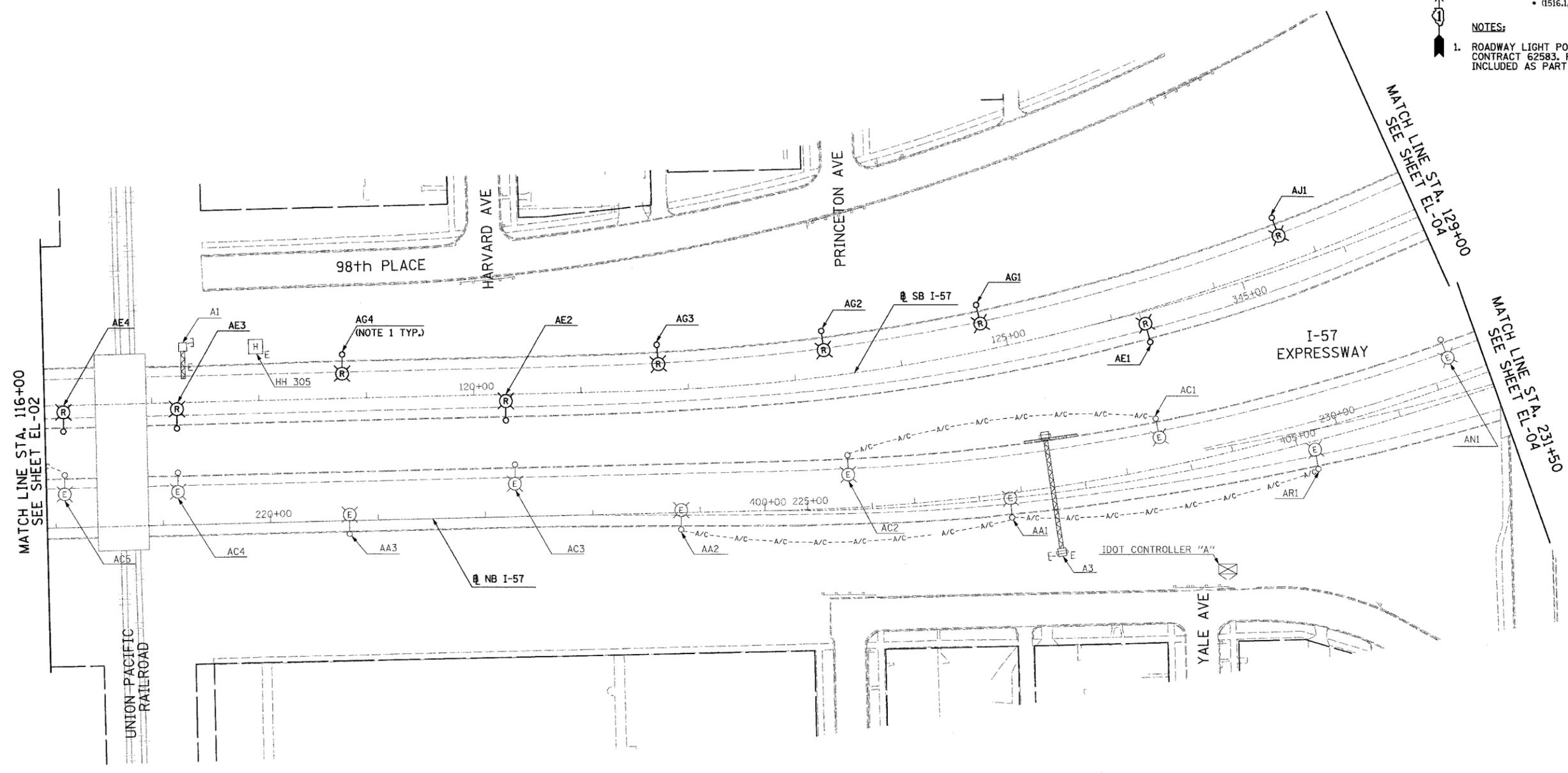
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 CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	445
STA. 116+00		TO STA. 129+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



- NOTES:
- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



23/EL-03

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
 DATE: MARCH 1, 2006

DRAWN BY: YJ
 CHECKED BY: TM

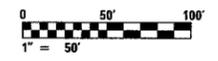
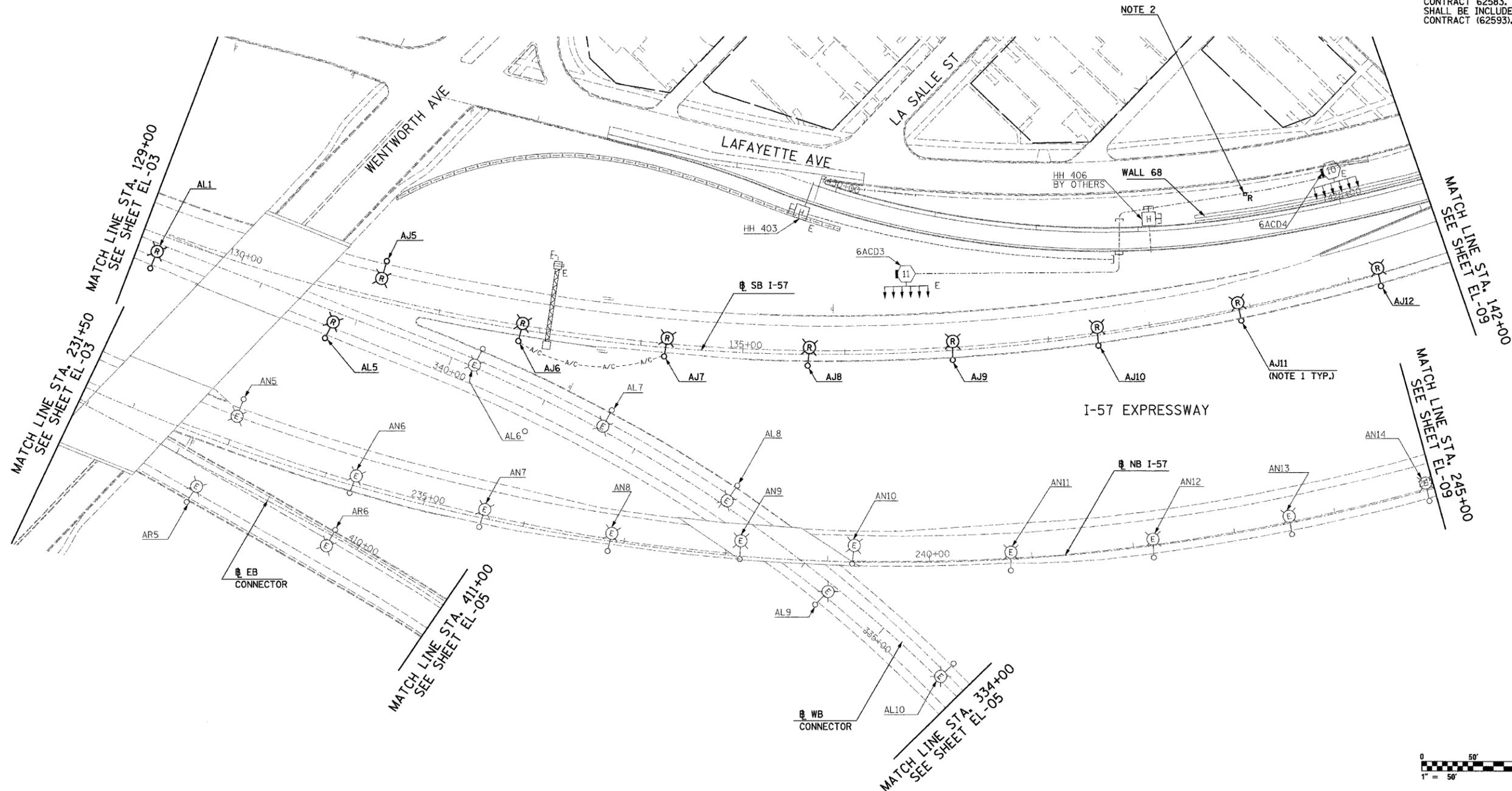
SINGH
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS

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.
94		COOK	764	446
STA. 129+00		TO STA. 142+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(1516.1, 1717, 1818) R-5				62593

- NOTES:
- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62593.
 - TSC CABINET SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



23/EL-04

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

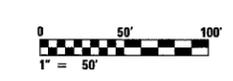
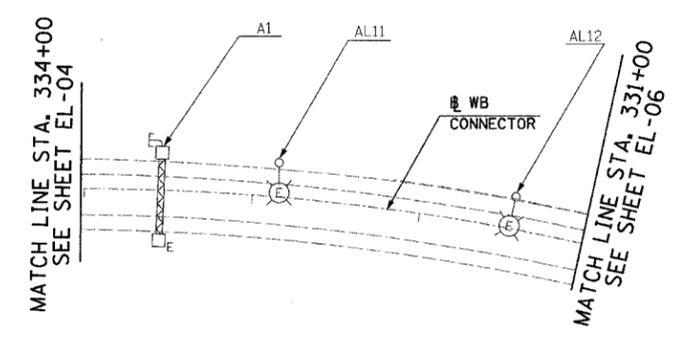
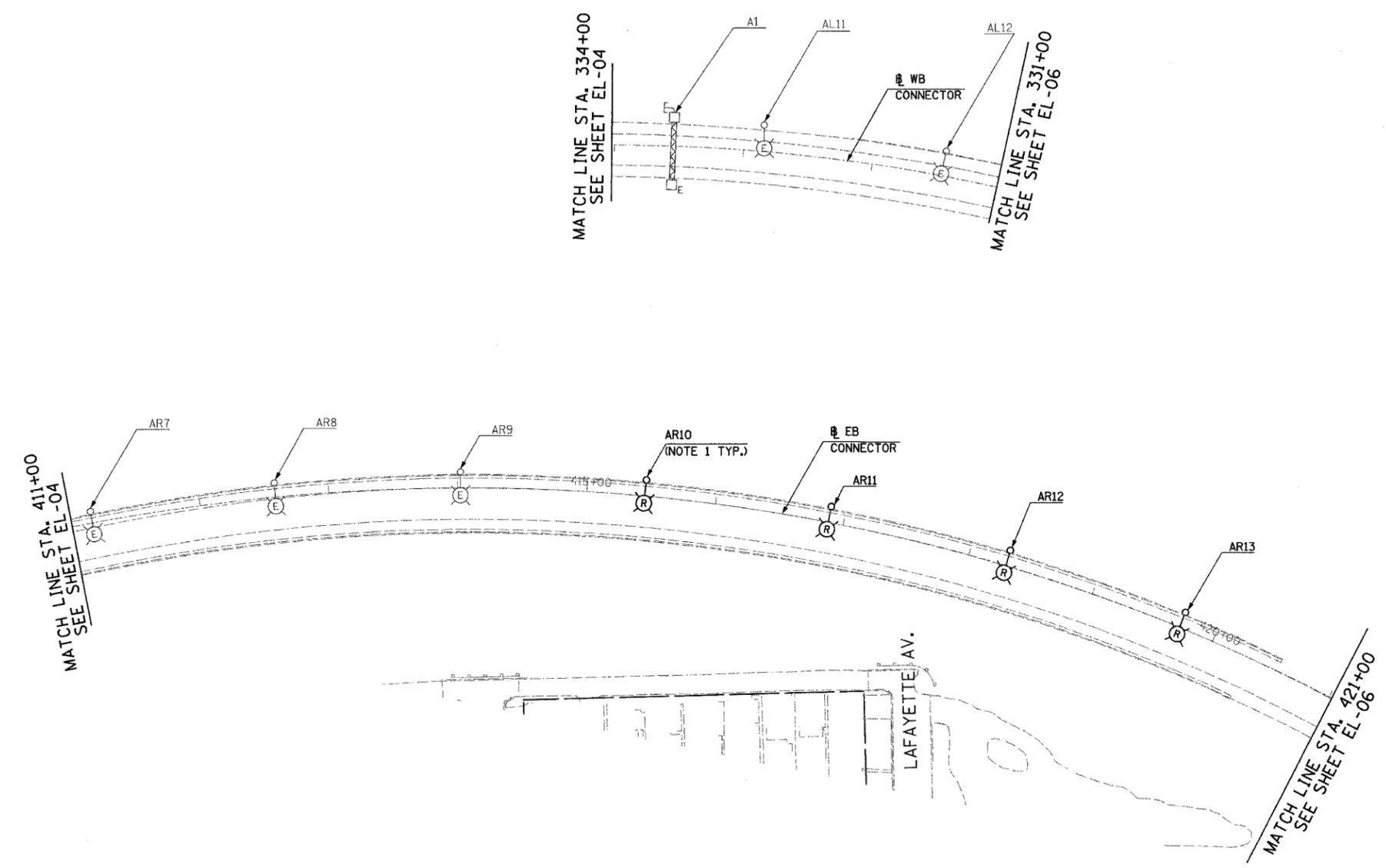
SCALE: 1"=50' DRAWN BY: YJ
DATE: MARCH 1, 2006 CHECKED BY: TM

2/20/2006 3:42:24 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	447
STA. 411+00		TO STA. 421+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.I, 1717, 1818) R-5		62593		



- NOTES:
- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



23/EL-05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
 DATE: MARCH 1, 2006

DRAWN BY: YJ
 CHECKED BY: TM

SINGH
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS

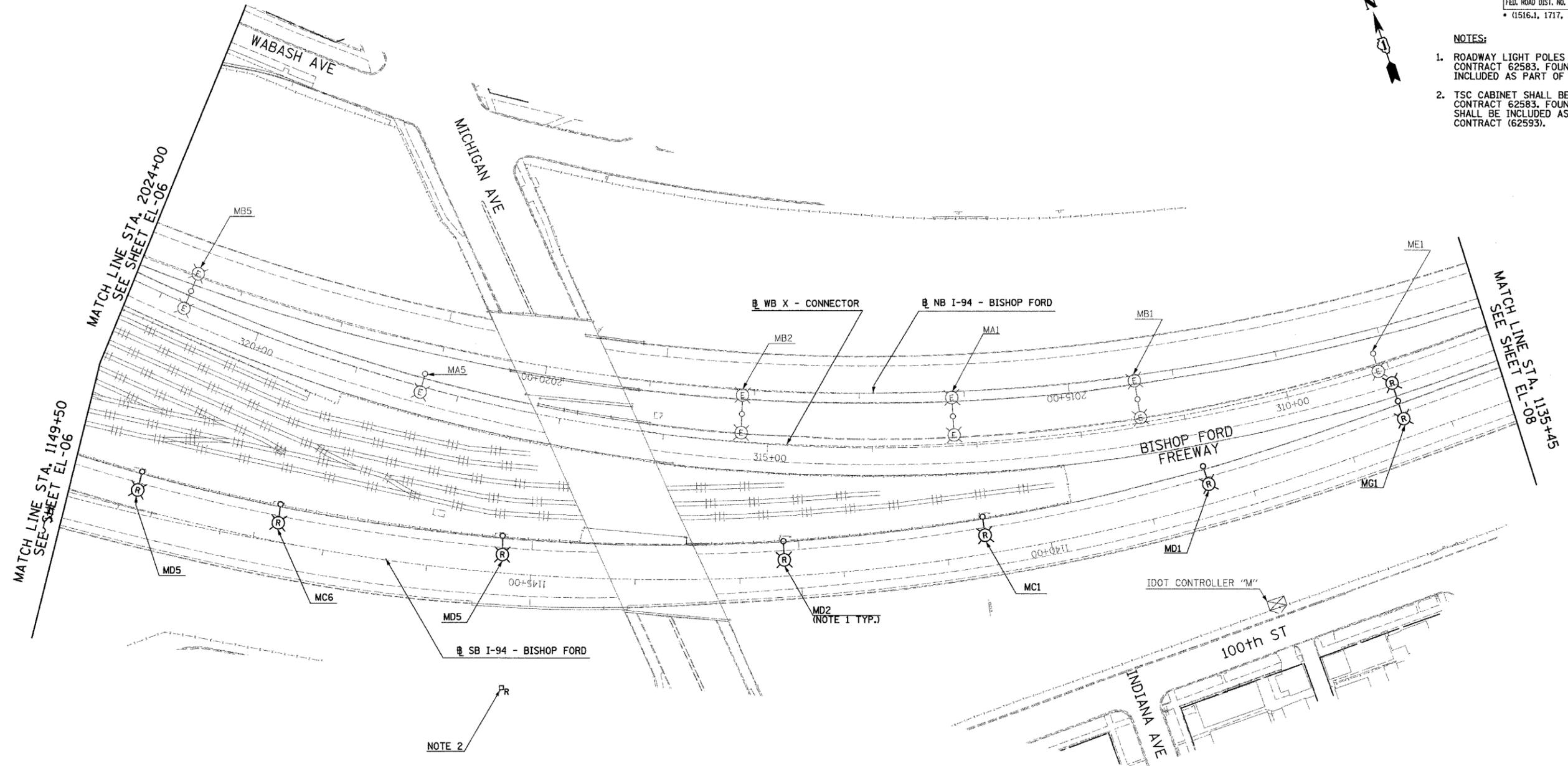
300 W. ADAMS ST.
 CHICAGO, IL 60606
 TEL: (312) 629-0240
 FAX: (312) 629-8449

2/20/2006 3:42:36 PM

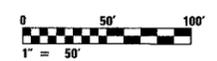
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	449
STA. 1149+50		TO STA. 1135+45		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.I, 1717, 1818) R-5		62593		



- NOTES:**
- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62593.
 - TSC CABINET SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



NOTE 2
 Pr



23/EL-07

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
 DATE: MARCH 1, 2006

DRAWN BY: YJ
 CHECKED BY: TM

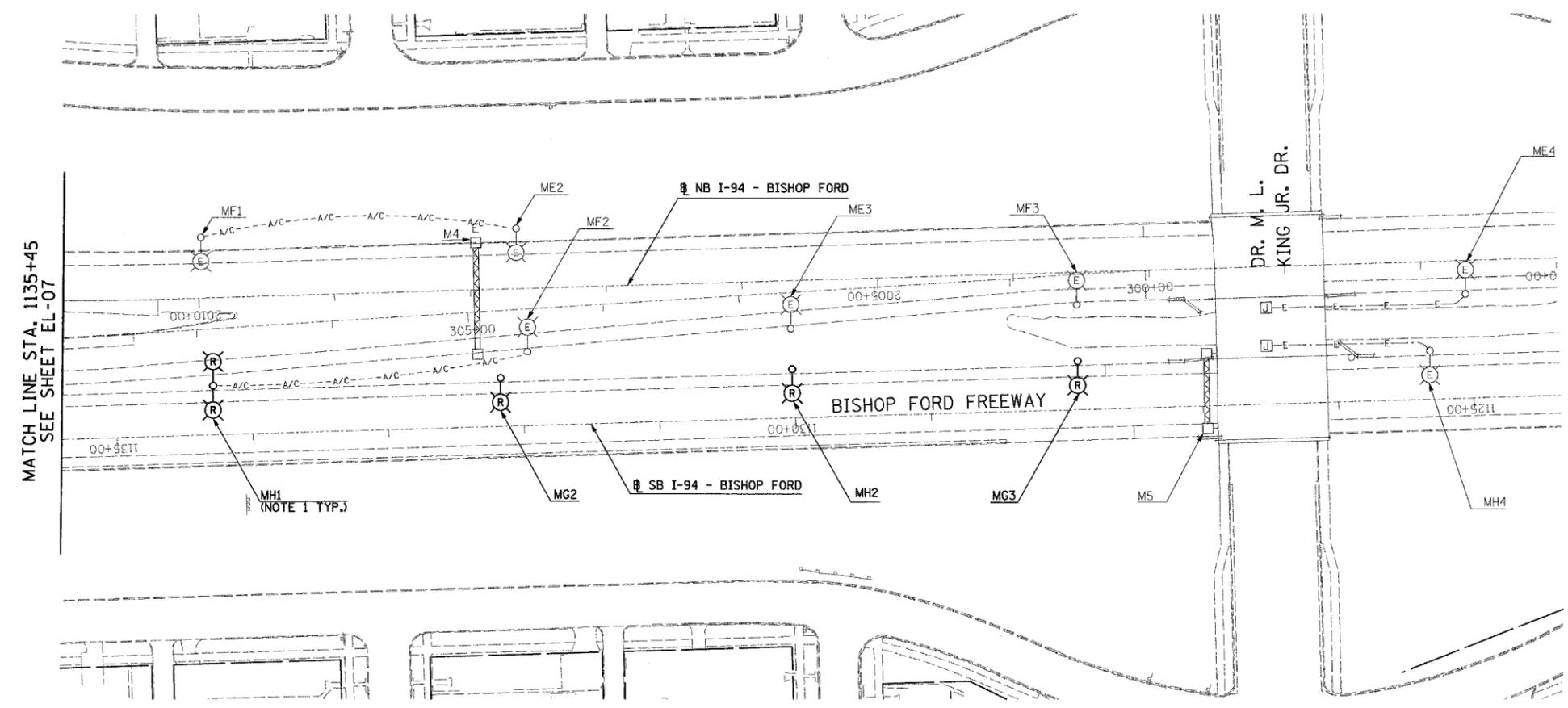
SINGH 300 W. ADAMS ST.
 CHICAGO, IL 60606
 SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
 CONSULTING ENGINEERS FAX: (312) 629-8449

2/20/2006 3:43:01 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	450
STA. 1135+41		TO STA. 1124+36		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



- NOTES:
- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



MATCH LINE STA. 1135+45
SEE SHEET EL-07



23/EL-08

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 1, 2006

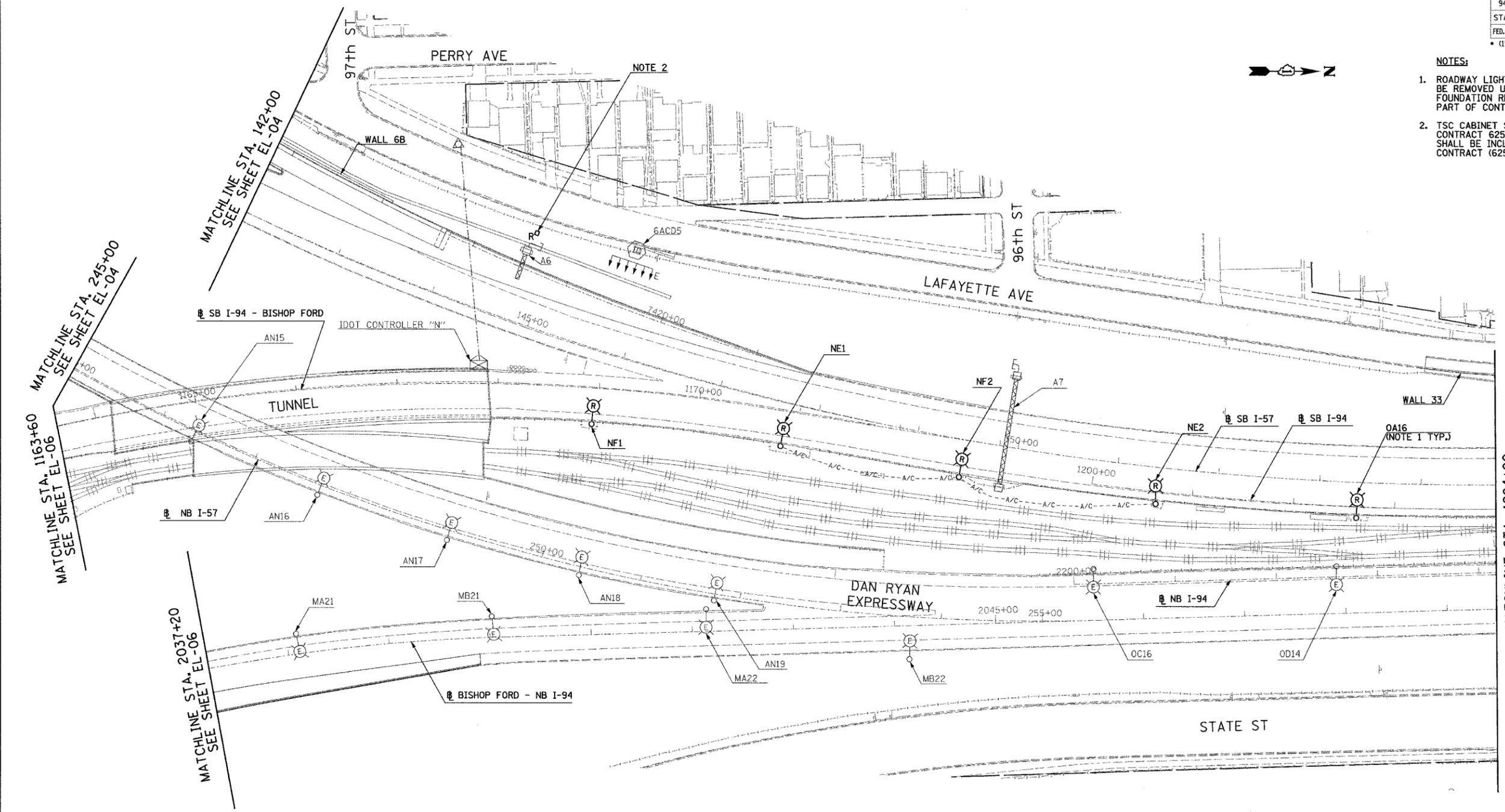
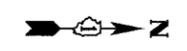
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CHECKED BY: TM

2/20/2006 3:43:16 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	451
STA. 142+00		TO STA. 1204+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5				62593

NOTES:

- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF CONTRACT 62593.
- TSC CABINET SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



23/EL-09

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

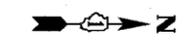
SCALE: 1"=50'
 DATE: MARCH 1, 2006

DRAWN BY: YJ
 CHECKED BY: TM

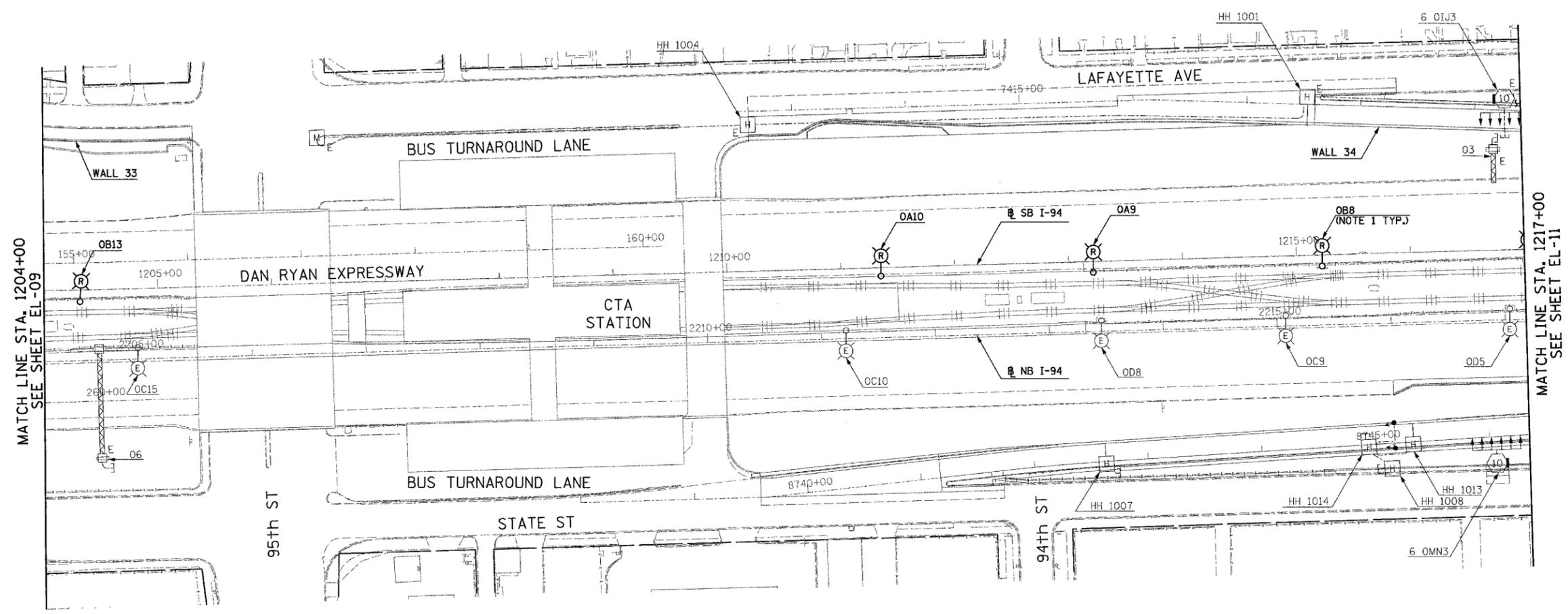
SINGH 300 W. ADAMS ST.
 CHICAGO, IL 60606
 SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
 CONSULTING ENGINEERS FAX: (312) 629-8449

2/20/2006 3:43:27 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	452
STA. 1204+00		TO STA. 1217+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(1516.1, 1717, 1818) R-5		62593		



- NOTES:
- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



23/EL-10

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REVISIONS	
NAME	DATE

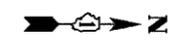
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
 DATE: MARCH 1, 2006

DRAWN BY: YJ
 CHECKED BY: TM

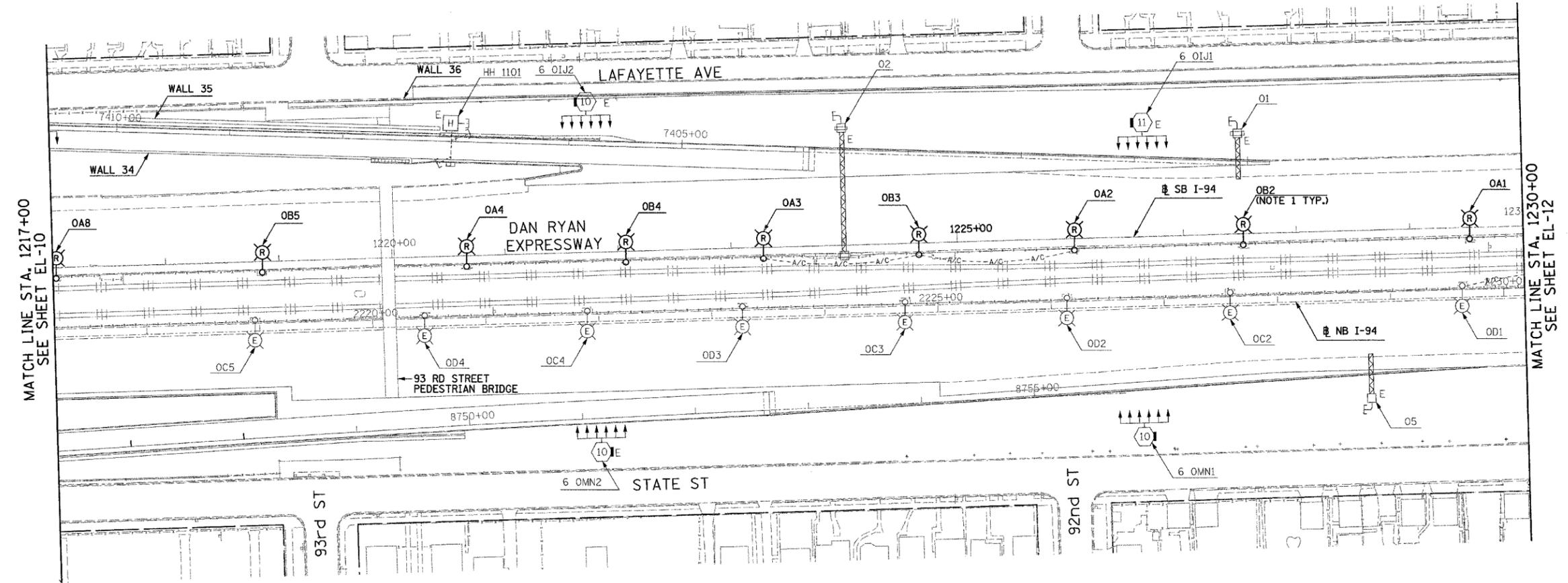
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	453
STA. 1217+00		TO STA. 1230+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5		62593		



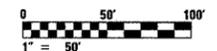
NOTES:

- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



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

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



23/EL-11

REVISIONS	
NAME	DATE

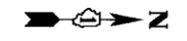
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 1, 2006
DRAWN BY: YJ
CHECKED BY: TM

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SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS
300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-9449

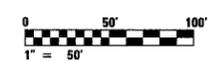
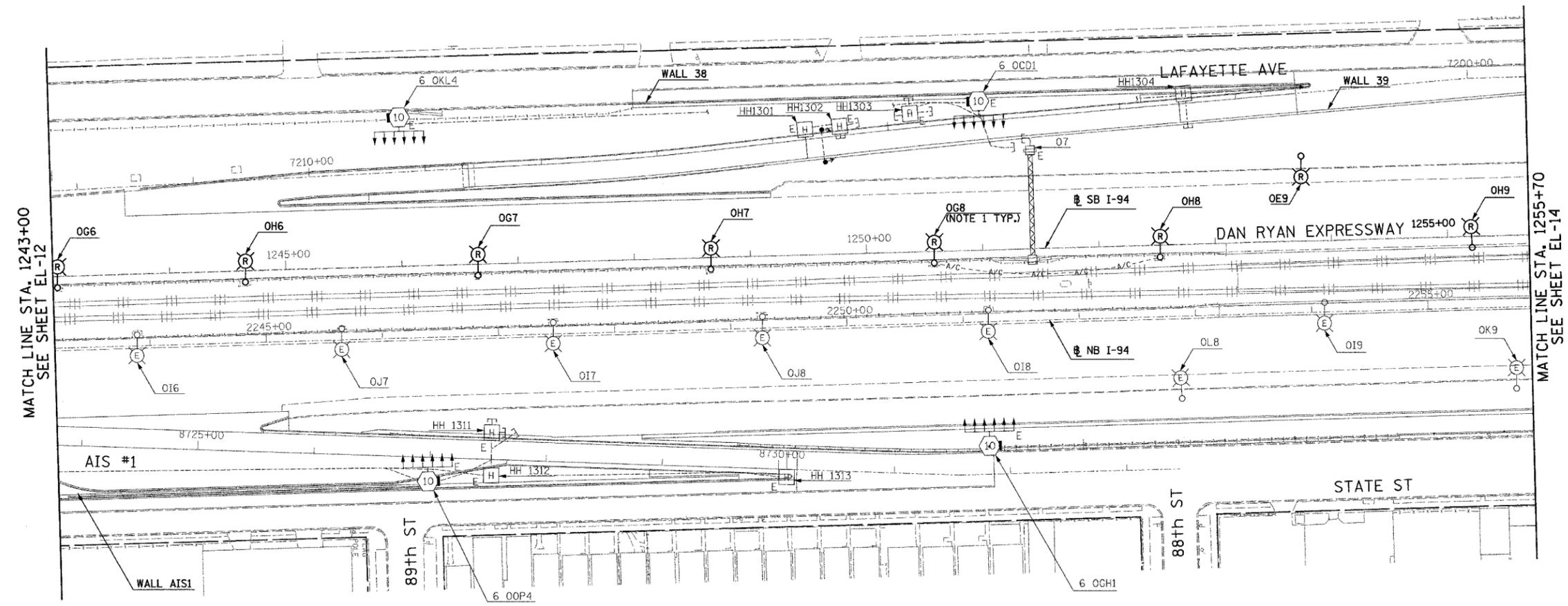
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	455
STA. 1243+00		TO STA. 1255+70		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* (1516.1, 1717, 1818) R-5		62593		



NOTES:

- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



23/EL-13

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
 DATE: MARCH 1, 2006

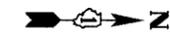
DRAWN BY: YJ
 CHECKED BY: TM

SINGH
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS

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

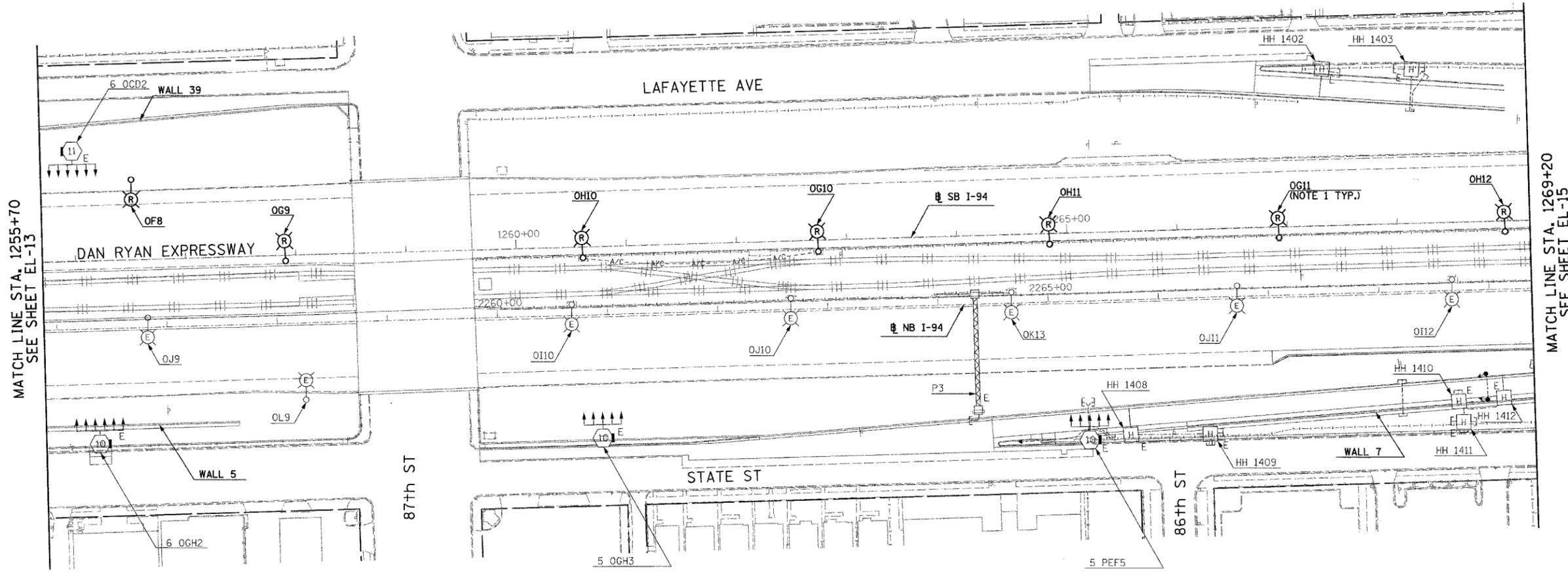
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	456
STA. 1255+70		TO STA. 1269+20		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



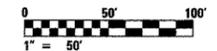
NOTES:

- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



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

MATCH LINE STA. 1269+20
SEE SHEET EL-15



23/EL-14

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

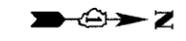
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50' DRAWN BY: YJ
DATE: MARCH 1, 2006 CHECKED BY: TM

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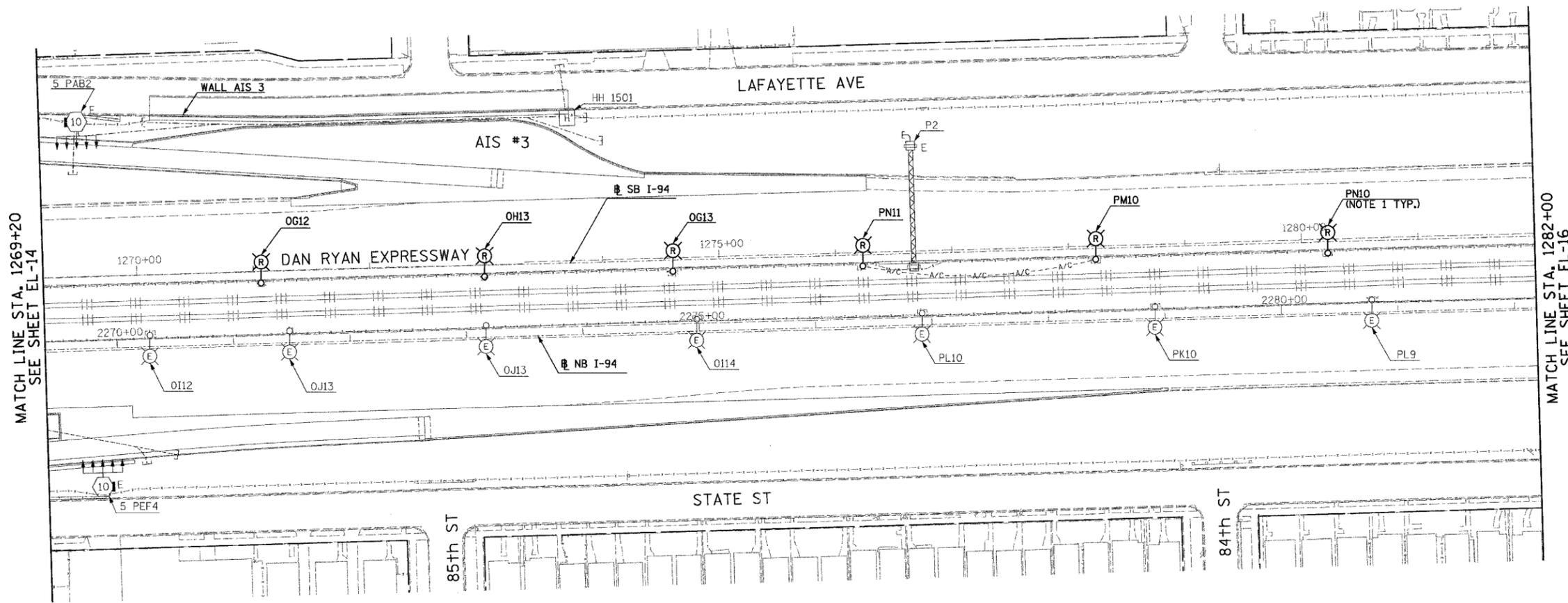
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	457
STA. 1269+00		TO STA. 1282+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717, 1818) R-5				62593



NOTES:

- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).

JAN 15 10 49 AM '06 1702/530-015-023.SW



MATCH LINE STA. 1269+20
SEE SHEET EL-14

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



23/EL-15

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

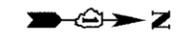
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

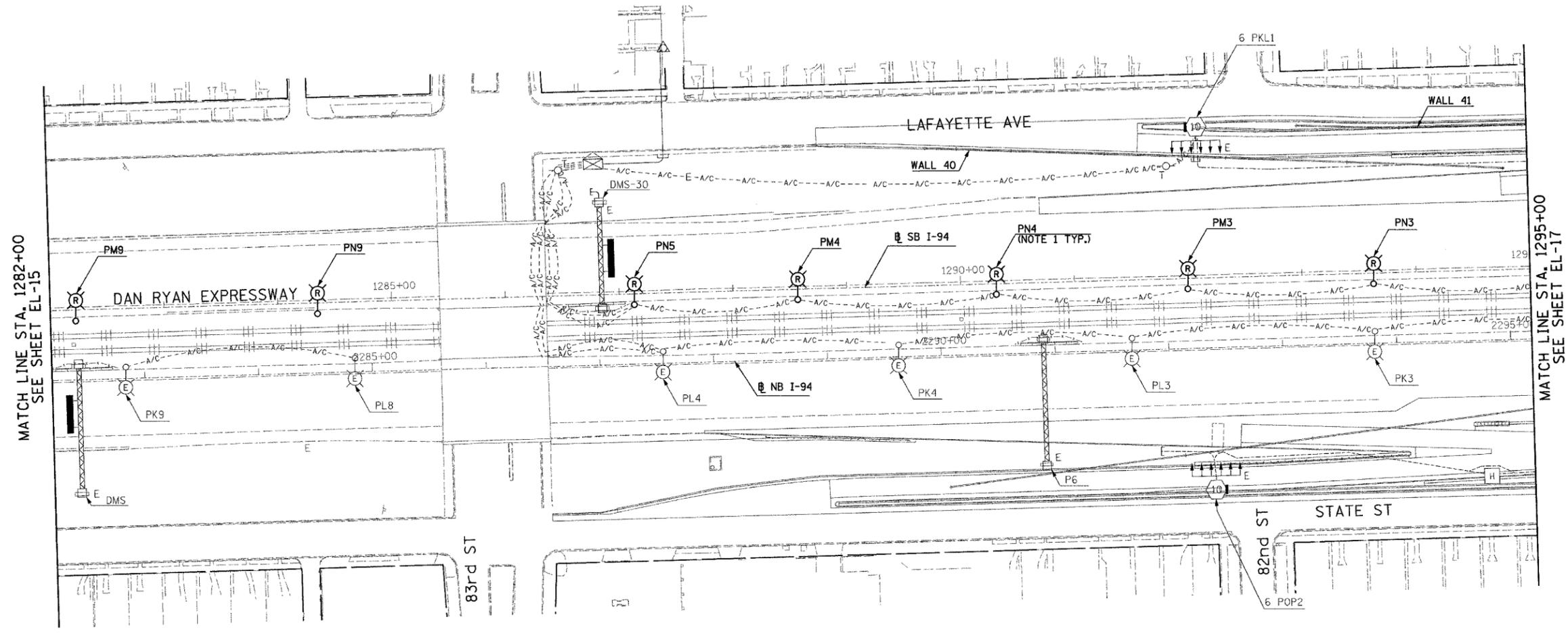
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DATE: MARCH 1, 2006 CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	458
STA. 1282+00		TO STA. 1295+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		

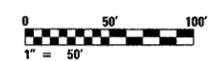


- NOTES:
- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



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

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



23/EL-16

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50' DRAWN BY: YJ
DATE: MARCH 1, 2006 CHECKED BY: TM

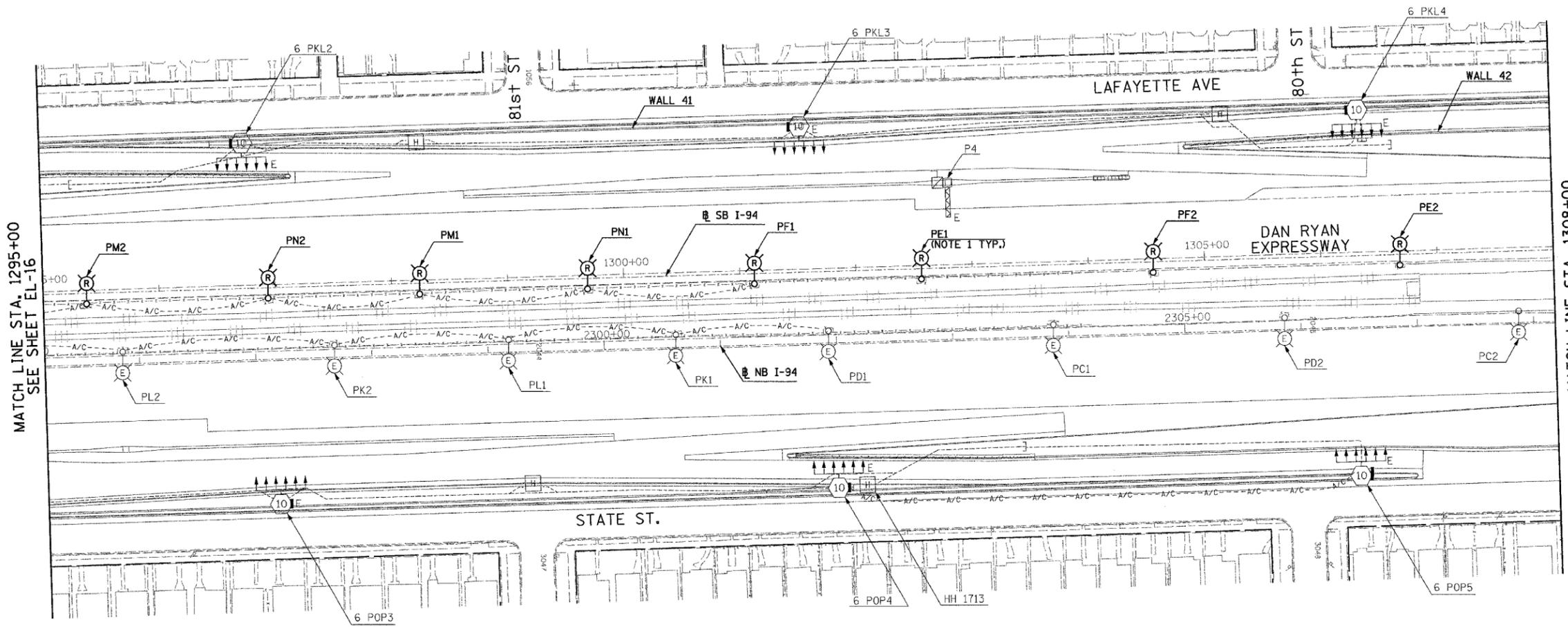
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	459
STA. 1295+00		TO STA. 1308+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



NOTES:

- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).



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

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



23/EL-17

REVISIONS	
NAME	DATE

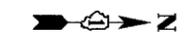
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ROADWAY LIGHTING AND SURVEILLANCE PLANS
 EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50' DRAWN BY: YJ
 DATE: MARCH 1, 2006 CHECKED BY: TM

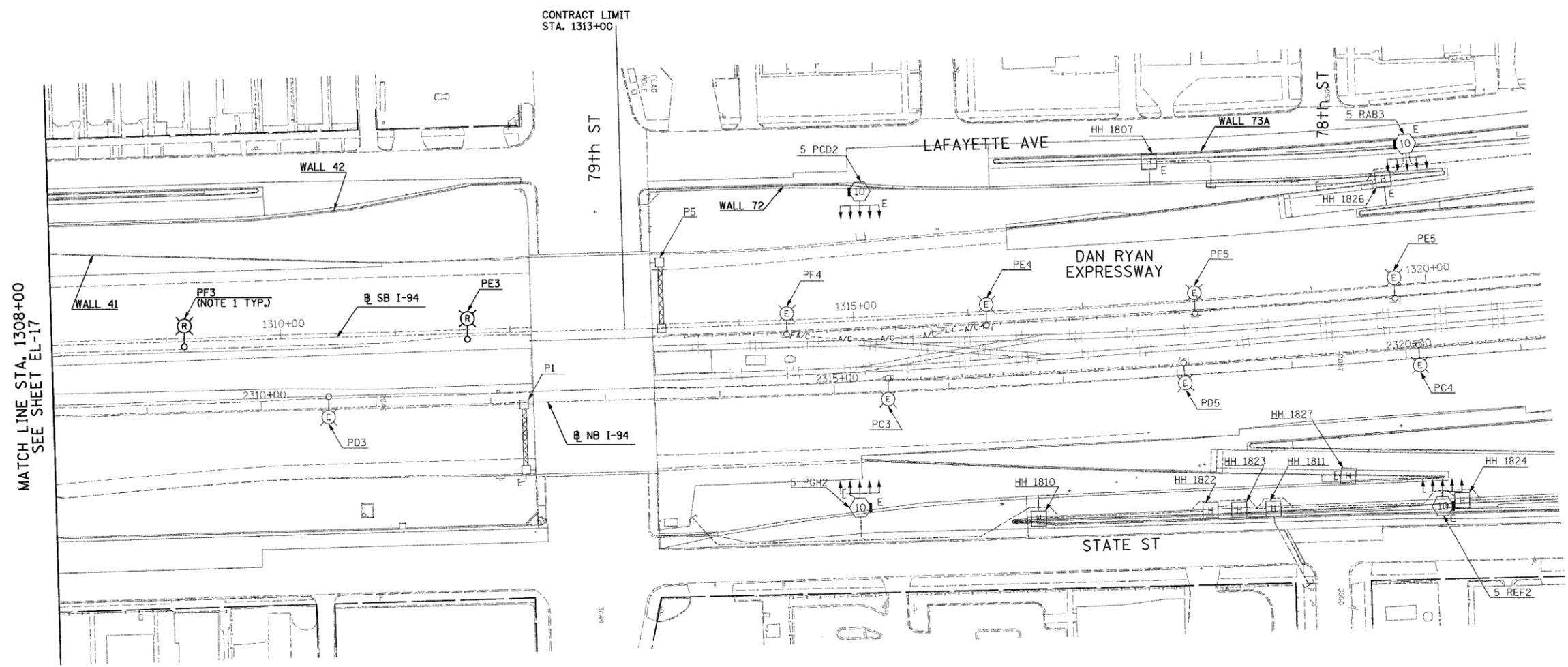
SINGH 300 W. ADAMS ST.
 CHICAGO, IL 60606
 SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
 CONSULTING ENGINEERS FAX: (312) 629-8449

2/20/2006 3:44:56 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	460
STA. 1308+00		TO STA. 1313+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



- NOTES:**
- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (62593).

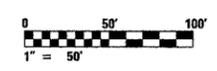


MATCH LINE STA. 1308+00
SEE SHEET EL-17

CONTRACT LIMIT
STA. 1313+00

79th ST

78th ST



23/EL-18

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. 94 (DAN RYAN EXPRESSWAY)
ROADWAY LIGHTING AND SURVEILLANCE PLANS
EXISTING CONDITIONS AND DEMOLITION

SCALE: 1"=50'
DATE: MARCH 1, 2006

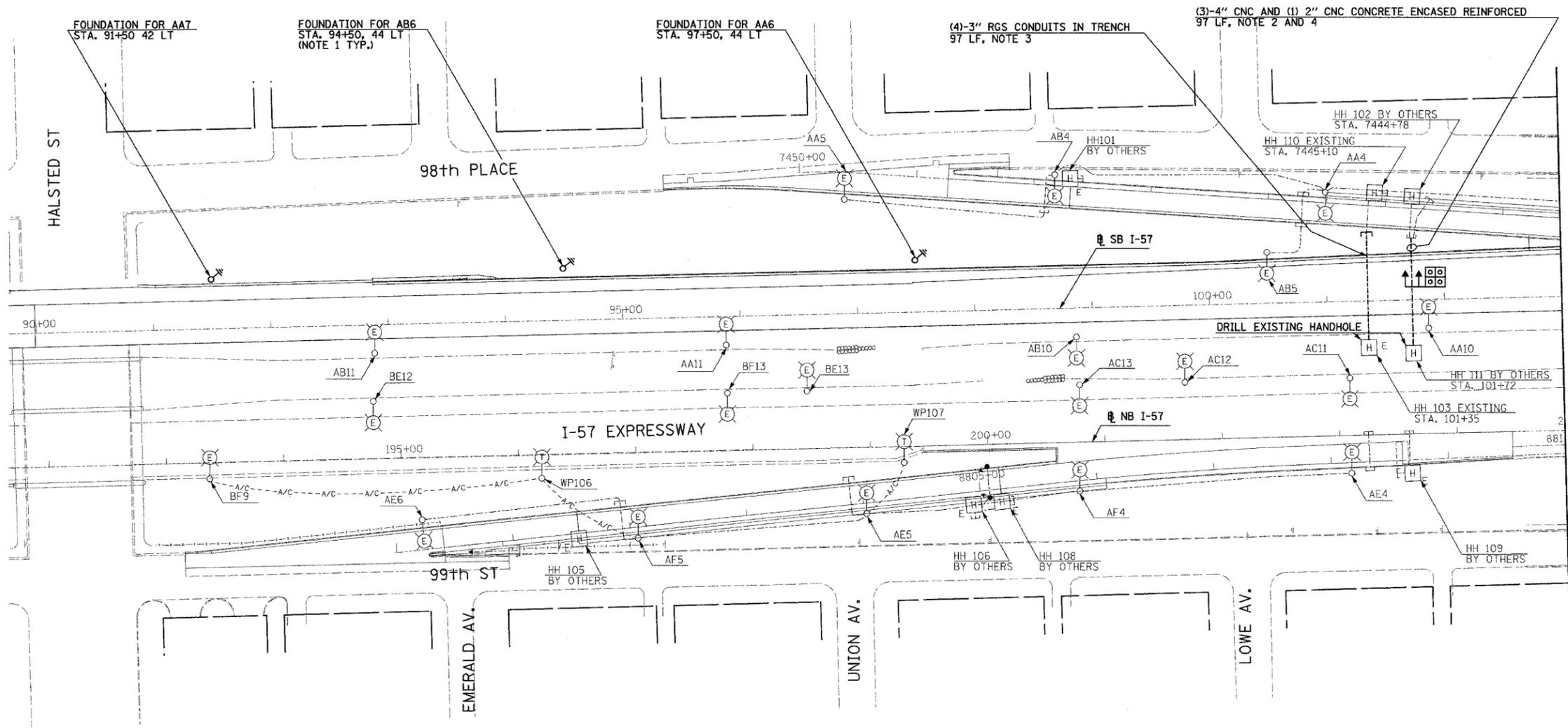
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CHECKED BY: TM

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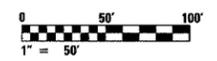
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	461
STA. 89+77		TO STA. 103+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.1, 1717, 1818) R-5				62593



- NOTES:**
1. 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.
 2. REFER SHEET EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.
 3. CONNECT TO 4-3" RGS CONDUITS INSTALLED BY OTHERS UNDER CONTRACT 62695.
 4. TIE INTO EXISTING CONDUIT AND DUCTBANK PROVIDED UNDER CONTRACT 62695.



MATCHLINE STA. 103+00
SEE SHEET EI-02



23/EI-01

REVISIONS	
NAME	DATE

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

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 1, 2006 CHECKED BY: TM

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

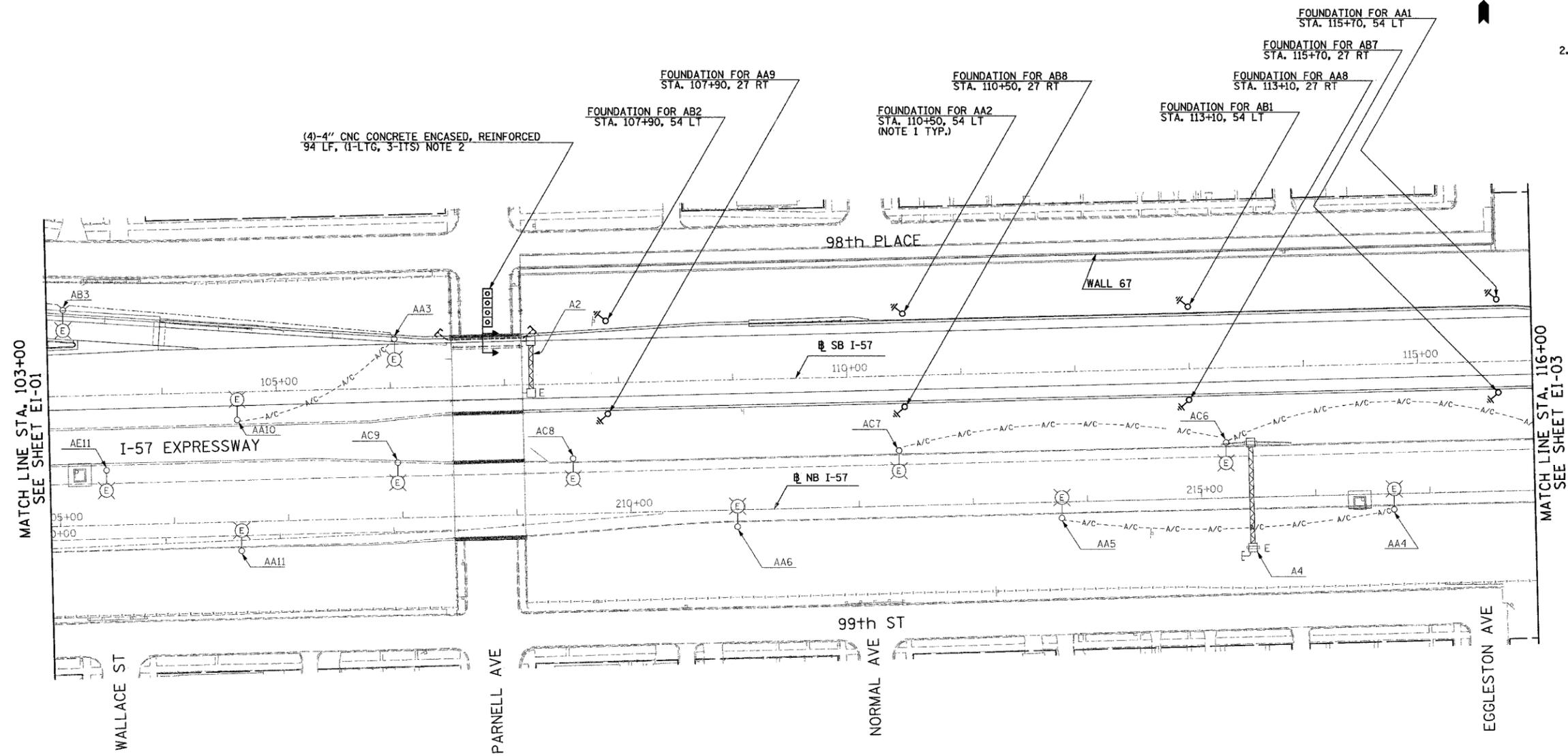
2/20/2006 3:52:33 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	462
STA. 103+00		TO STA. 116+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717, 1818) R-5		62593		



NOTES:

1. 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.
2. REFER TO SHEETS EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.



23/EI-02

REVISIONS	
NAME	DATE

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

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

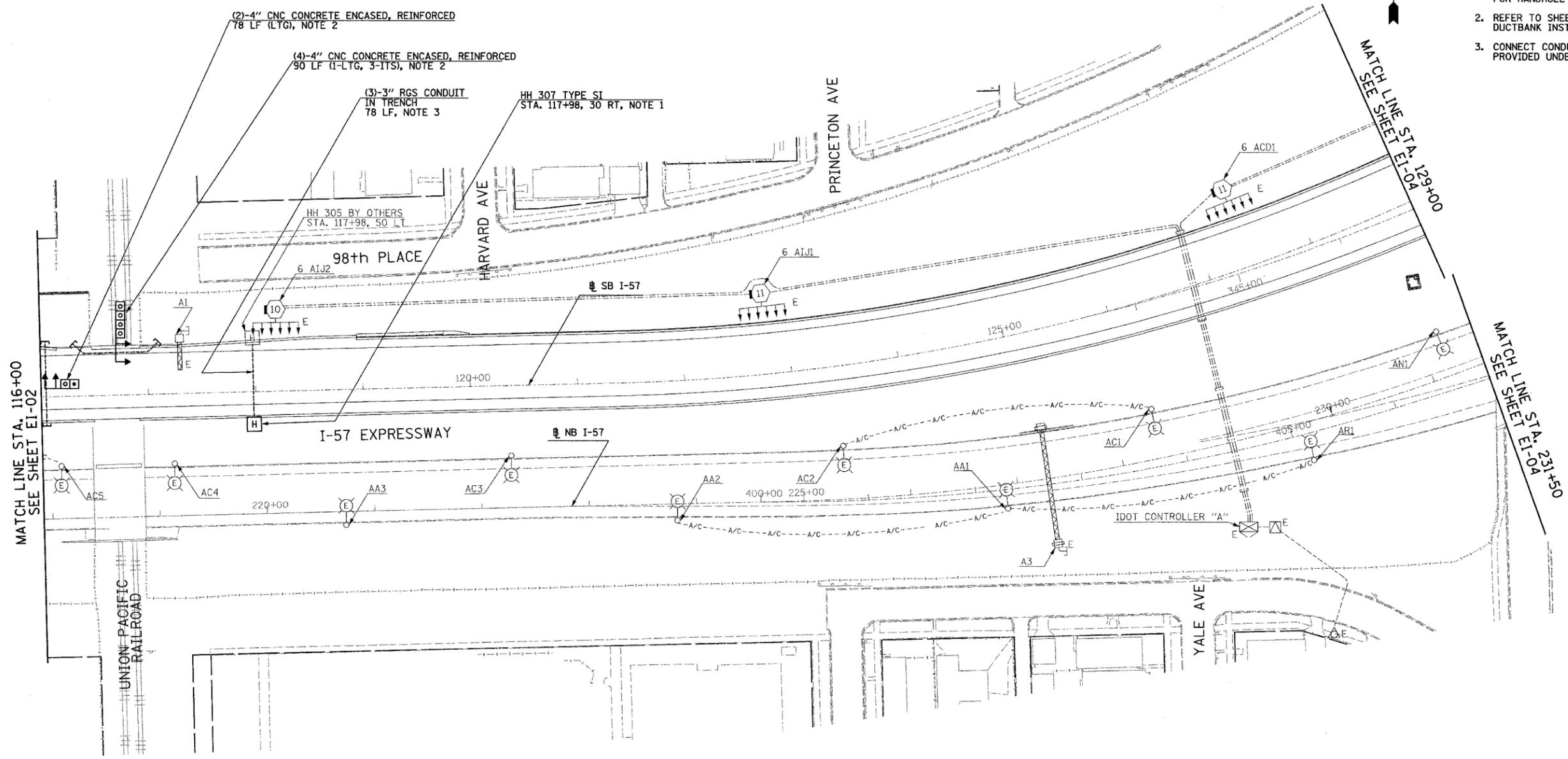
SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 1, 2006 CHECKED BY: TM

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

2/27/2006 11:42:42 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	463
STA. 116+00		TO STA. 129+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		

- NOTES:**
1. REFER TO SHEETS EI-103 AND EI-106 FOR HANDHOLE DETAILS.
 2. REFER TO SHEET EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.
 3. CONNECT CONDUITS TO EXISTING HH 305 PROVIDED UNDER CONTRACT 62583.



23/EI-03

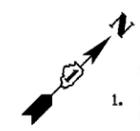
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ELECTRICAL INFRASTRUCTURE PLANS
 PROPOSED IMPROVEMENTS
 SCALE: 1"=50'
 DATE: MARCH 1, 2006
 DRAWN BY: VK
 CHECKED BY: TM

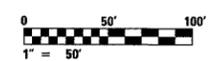
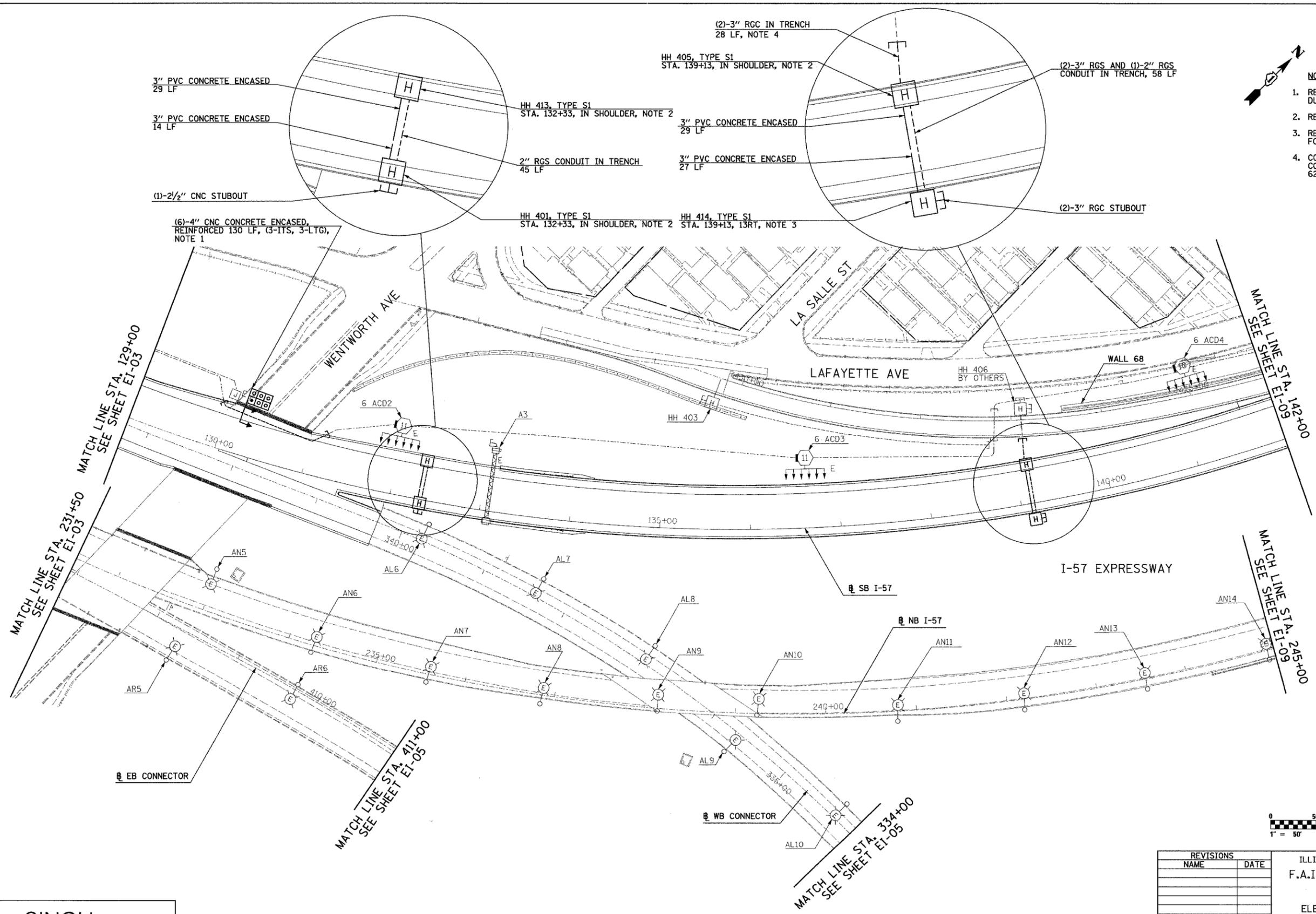
SINGH
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 300 W. ADAMS ST.
 CHICAGO, IL 60606
 TEL: (312) 629-0240
 FAX: (312) 629-8449

2/27/2006 11:42:55 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	464
STA. 129+00		TO STA. 142+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



- NOTES:**
1. REFER SHEET EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.
 2. REFER SHEET EI-110 FOR HANDHOLE DETAIL.
 3. REFER TO SHEETS EI-103 AND EI-106 FOR HANDHOLE DETAILS.
 4. CONNECT BOTH CONDUITS INTO EXISTING CONDUITS FURNISHED UNDER CONTRACT 62695.



23/EI-04

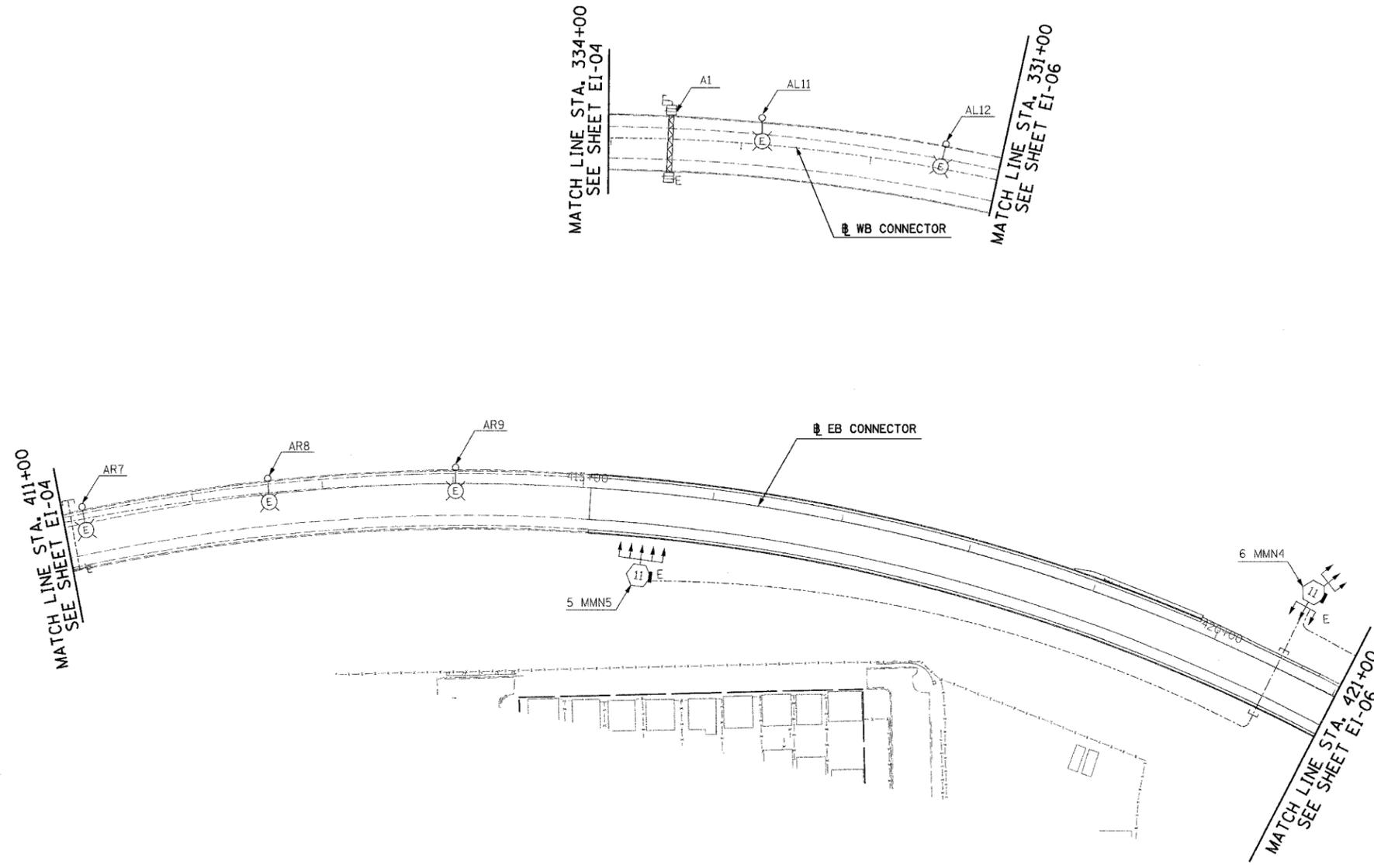
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ELECTRICAL INFRASTRUCTURE PLANS
 PROPOSED IMPROVEMENTS
 SCALE: 1"=50' DRAWN BY: VK
 DATE: MARCH 1, 2006 CHECKED BY: TM

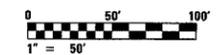
SINGH 300 W. ADAMS ST.
 CHICAGO, IL 60606
 SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
 CONSULTING ENGINEERS FAX: (312) 629-8449

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	465
STA. 411+00		TO STA. 421+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5				62593



NO ELECTRICAL WORK ON THIS SHEET
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23/EI-05

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REVISIONS	
NAME	DATE

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

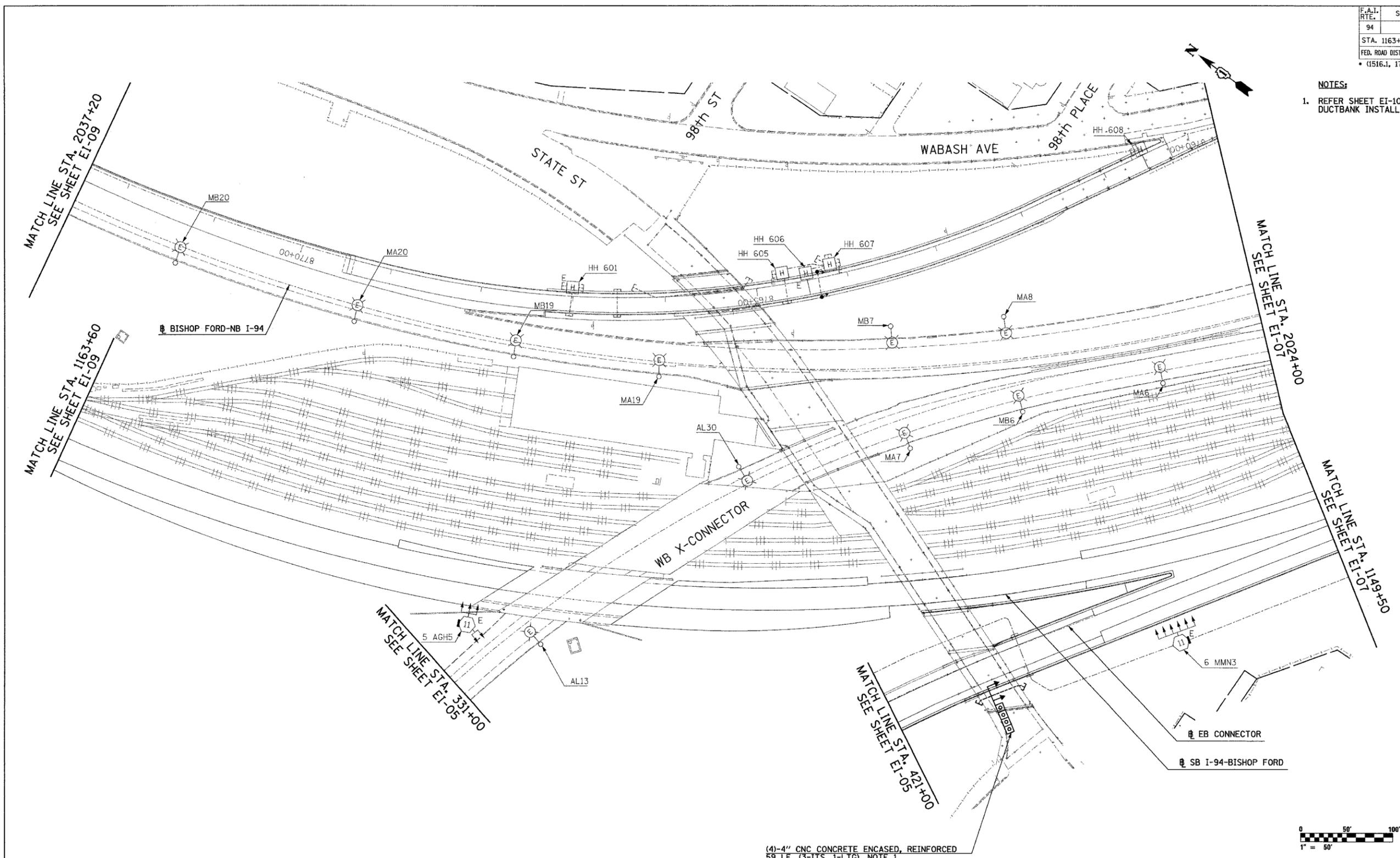
ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 1, 2006 CHECKED BY: TM

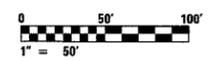
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	466
STA. 1163+60		TO STA. 1149+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5		62593		

NOTES:
 1. REFER SHEET EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.



(4)-4" CNC CONCRETE ENCASED, REINFORCED
 59 LF, (3-ITS, 1-LTG), NOTE 1



23/EI-06

REVISIONS	
NAME	DATE

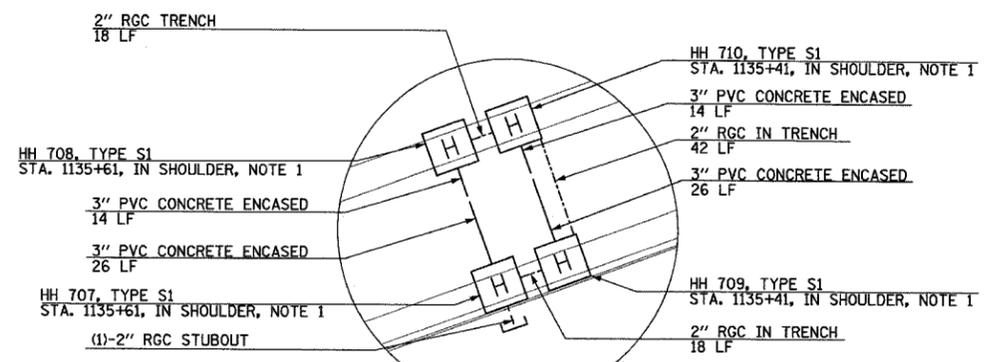
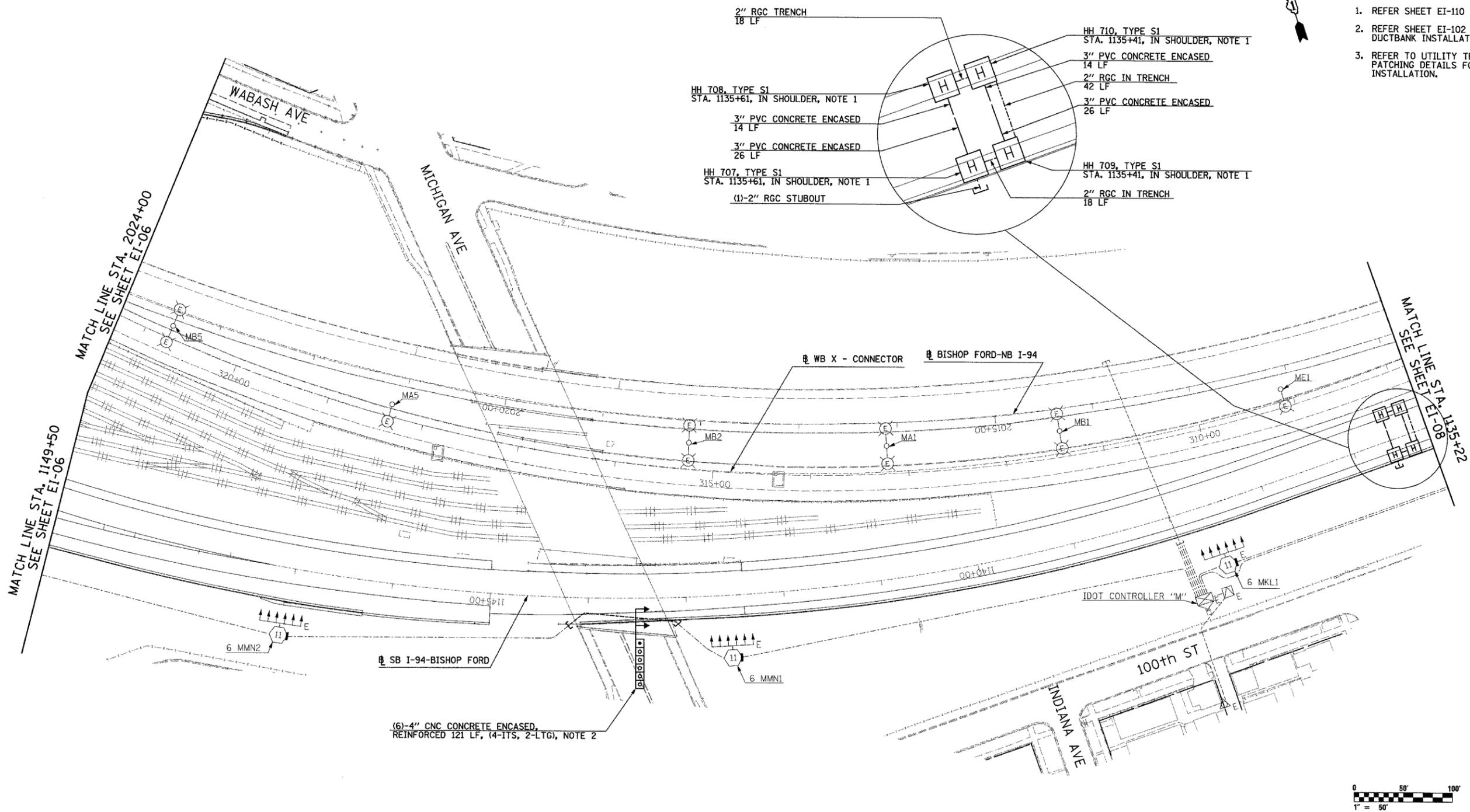
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 ELECTRICAL INFRASTRUCTURE PLANS
 PROPOSED IMPROVEMENTS
 SCALE: 1"=50' DRAWN BY: VK
 DATE: MARCH 1, 2006 CHECKED BY: TM

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 CHICAGO, IL 60606
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2/27/2006 11:43:23 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	467
STA. 1149+50		TO STA. 1135+22		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717, 1818) R-5		62593		

- NOTES:
- REFER SHEET EI-110 FOR HANDHOLE DETAIL.
 - REFER SHEET EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.
 - REFER TO UTILITY TRENCH PAVEMENT PATCHING DETAILS FOR DETECTOR STATION INSTALLATION.



(6)-4\"/>



23/EI-07

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REVISIONS	
NAME	DATE

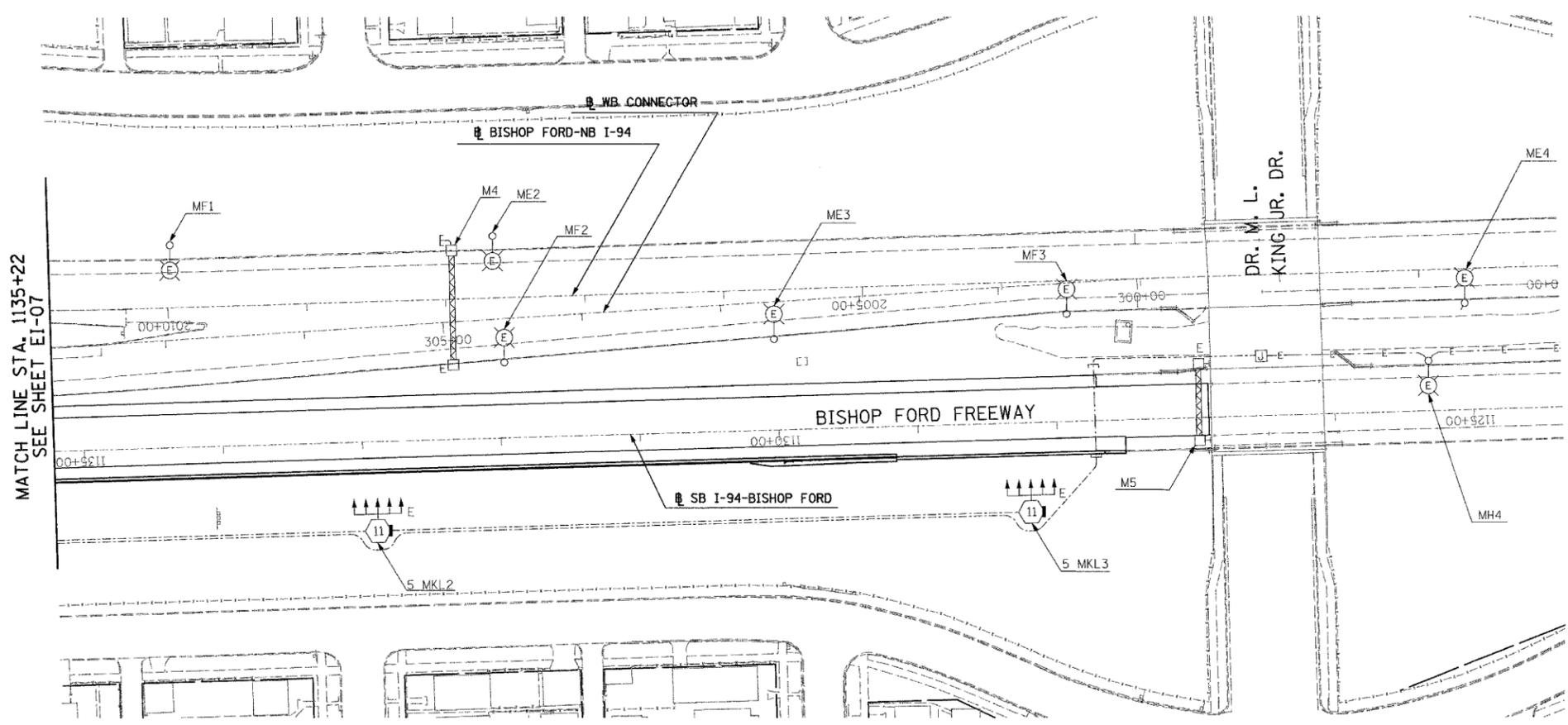
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

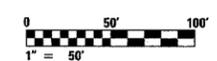
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	468
STA. 1135+22		TO STA. 1124+36		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5				62593



MATCH LINE STA. 1135+22
SEE SHEET EI-07



23/EI-08

NO ELECTRICAL WORK ON THIS SHEET
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REVISIONS	
NAME	DATE

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

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 1, 2006

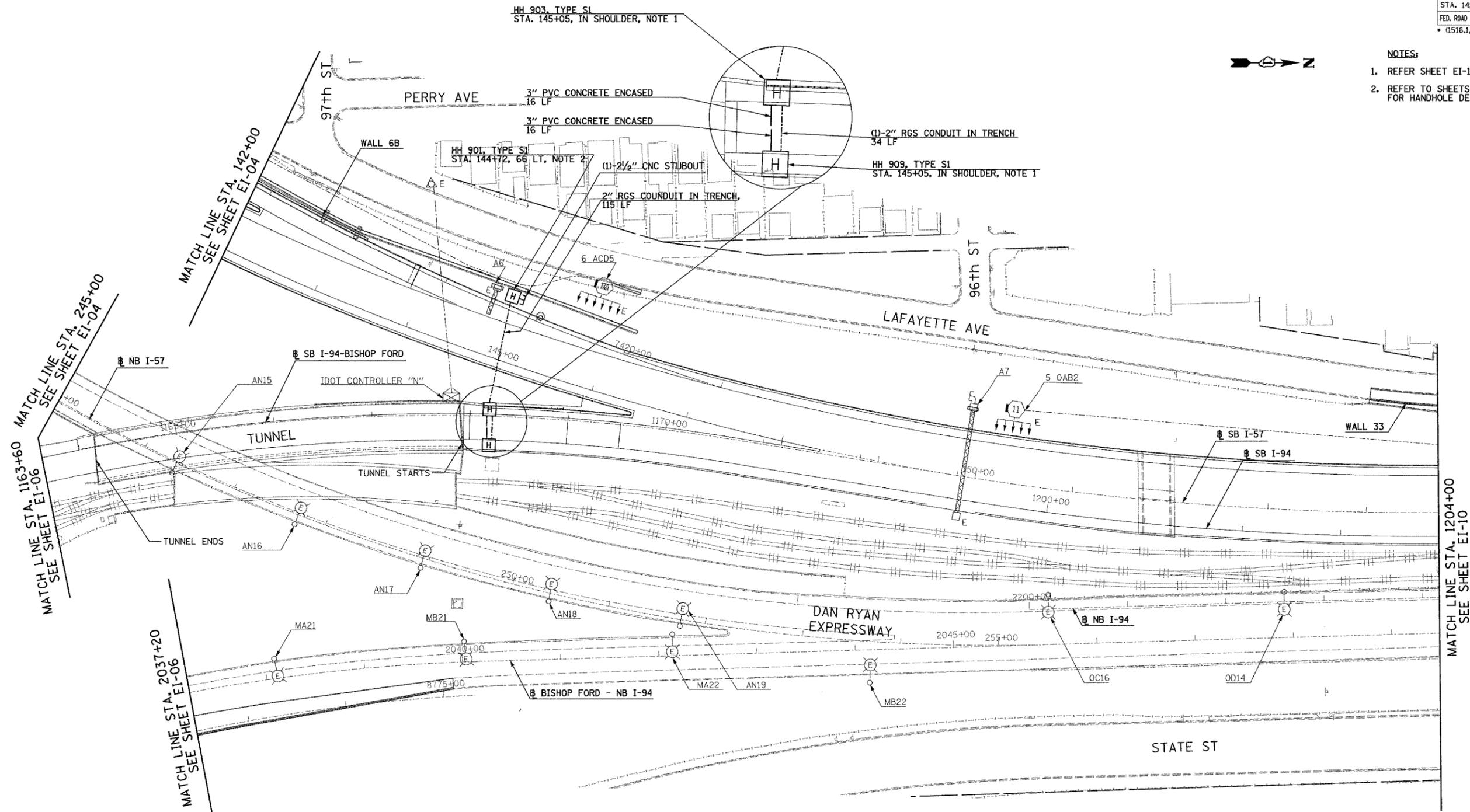
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CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	469
STA. 142+00		TO STA. 1204+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5		62593		

NOTES:

1. REFER SHEET EI-110 FOR HANDHOLE DETAIL.
2. REFER TO SHEETS EI-103 AND EI-106 FOR HANDHOLE DETAILS.



23/EI-09

REVISIONS	
NAME	DATE

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

ELECTRICAL INFRASTRUCTURE PLANS
 PROPOSED IMPROVEMENTS

SCALE: 1"=50' DRAWN BY: VK
 DATE: MARCH 1, 2006 CHECKED BY: TM

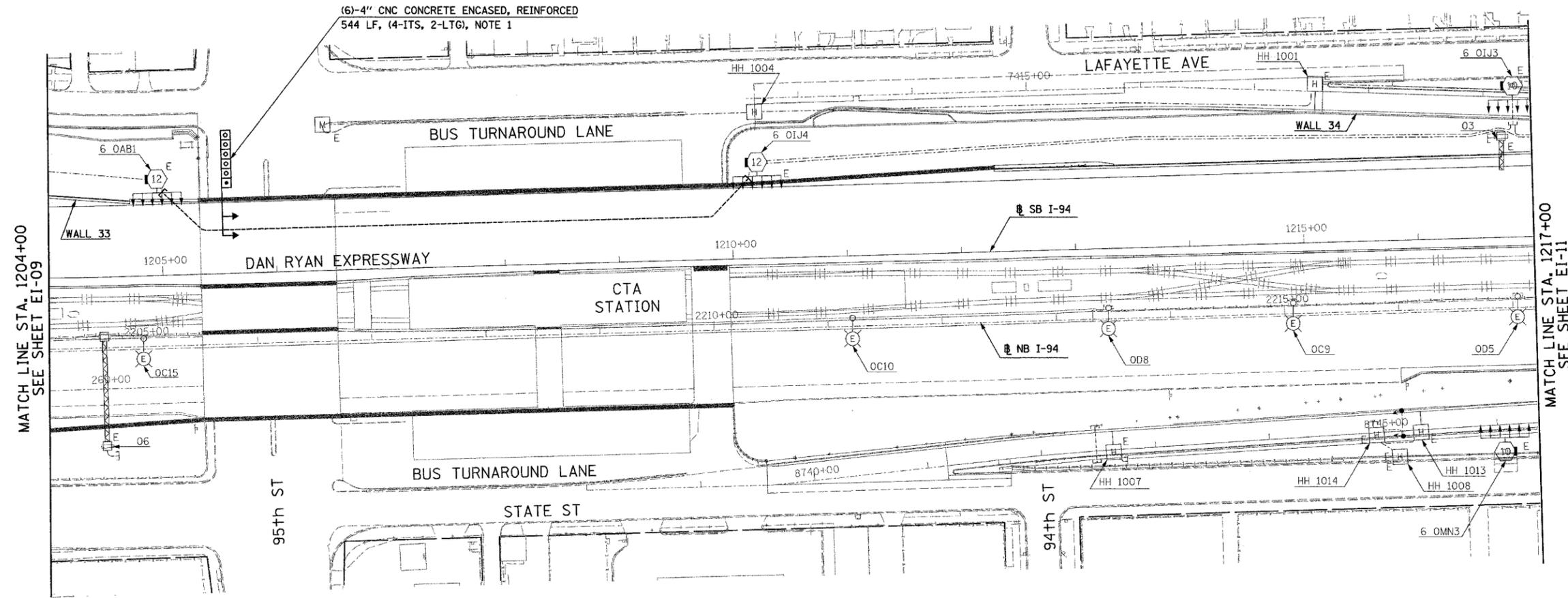
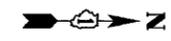
SINGH 300 W. ADAMS ST.
 CHICAGO, IL 60606
 TEL: (312) 629-0240
 SINGH & ASSOCIATES, INC. FAX: (312) 629-8449
 CONSULTING ENGINEERS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	470
STA. 1204+00		TO STA. 1217+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5		62593		

NOTES:

- REFER SHEET EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.



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

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



23/EI-10

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REVISIONS	
NAME	DATE

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

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 1, 2006 CHECKED BY: TM

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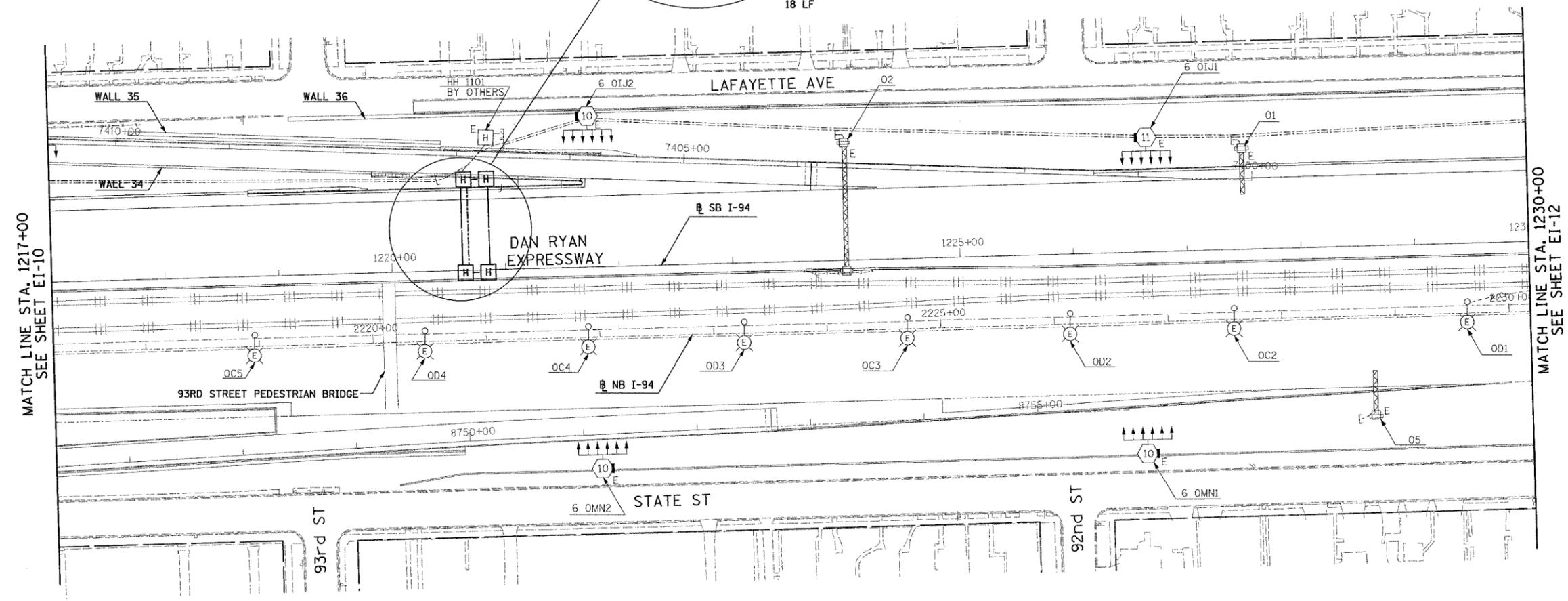
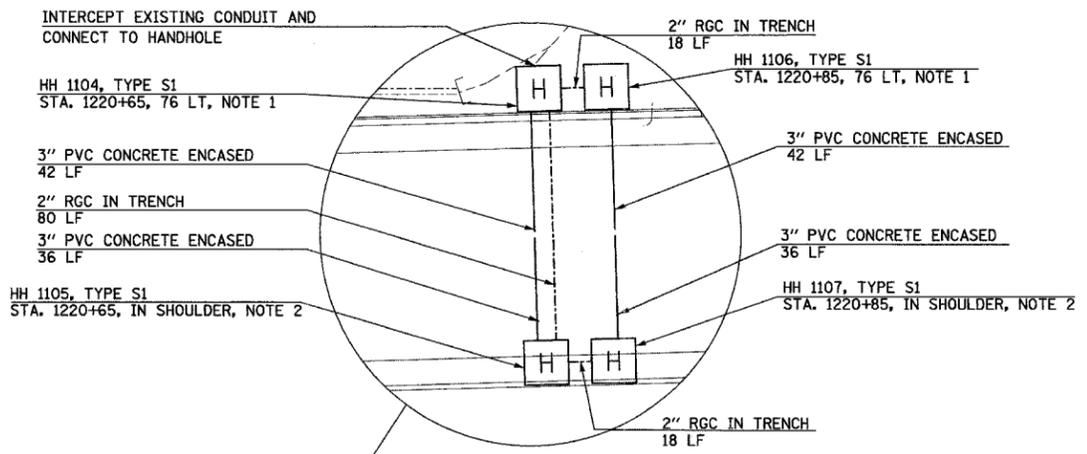
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	471
STA. 1217+00		TO STA. 1230+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717, 1818) R-5		62593		



NOTES:

1. REFER TO SHEETS EI-103 AND EI-106 FOR HANDHOLE DETAILS.
2. REFER SHEET EI-110 FOR HANDHOLE DETAIL.

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

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



23/EI-11

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REVISIONS	
NAME	DATE

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

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

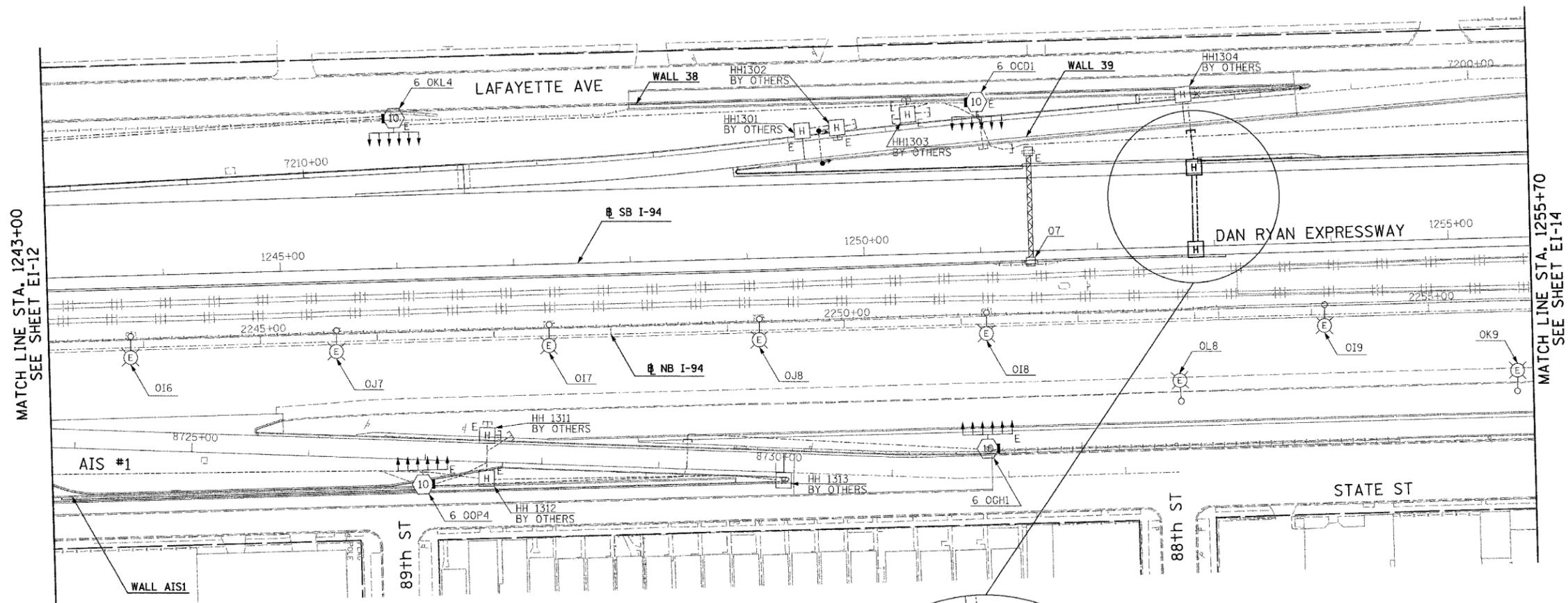
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DATE: MARCH 1, 2006 CHECKED BY: TM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	473
STA. 1243+00		TO STA. 1255+70		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (1516.1, 1717, 1818) R-5		62593		

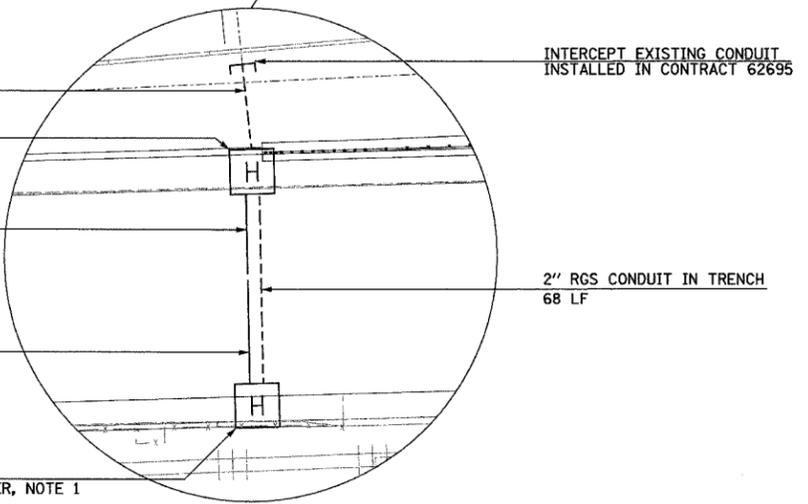
NOTES:

- REFER SHEET EI-110 FOR HANDHOLE DETAIL.



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

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



2" RGC CONDUIT IN TRENCH
31 LF

HH 1305 TYPE S1
STA. 1252+84, IN SHOULDER, NOTE 1

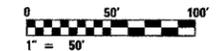
3" PVC CONCRETE ENCASED
29 LF

3" PVC CONCRETE ENCASED
37 LF

HH 1306 TYPE S1
STA. 1252+84, IN SHOULDER, NOTE 1

INTERCEPT EXISTING CONDUIT
INSTALLED IN CONTRACT 62695

2" RGS CONDUIT IN TRENCH
68 LF



23/EI-13

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REVISIONS	
NAME	DATE

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

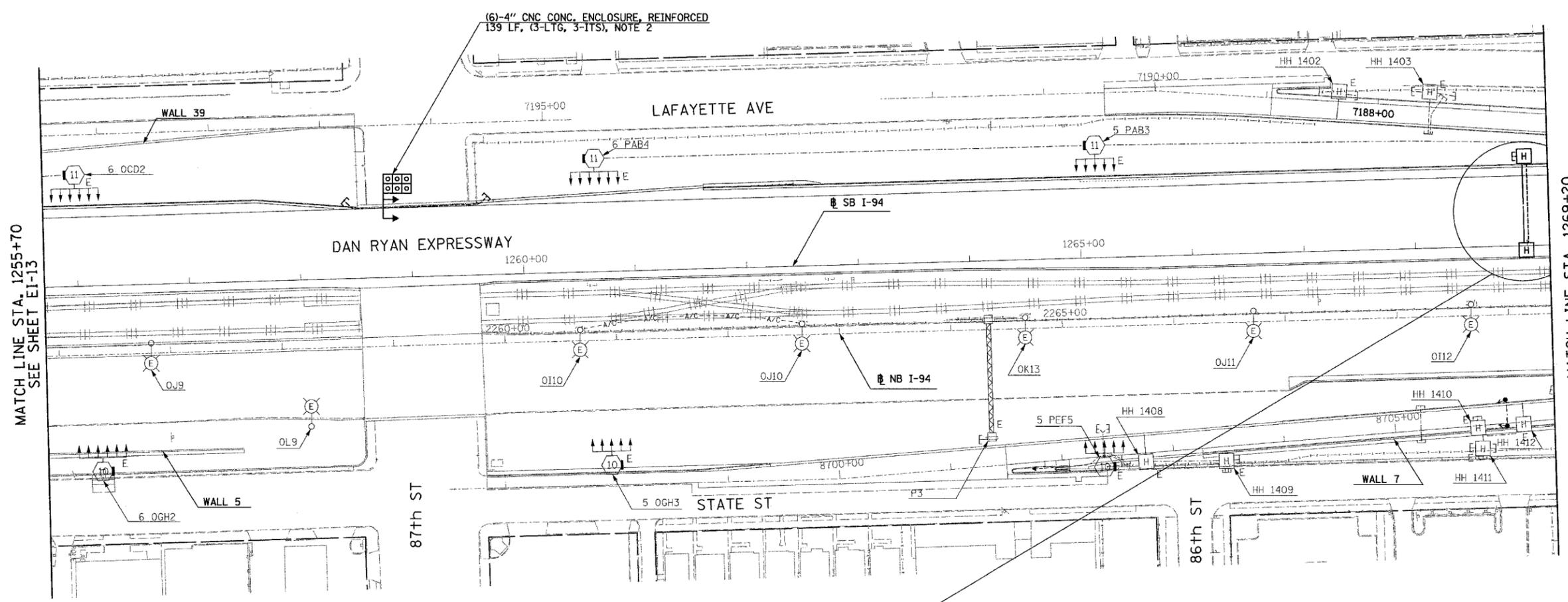
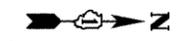
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PROPOSED IMPROVEMENTS

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DATE: MARCH 1, 2006 CHECKED BY: TM

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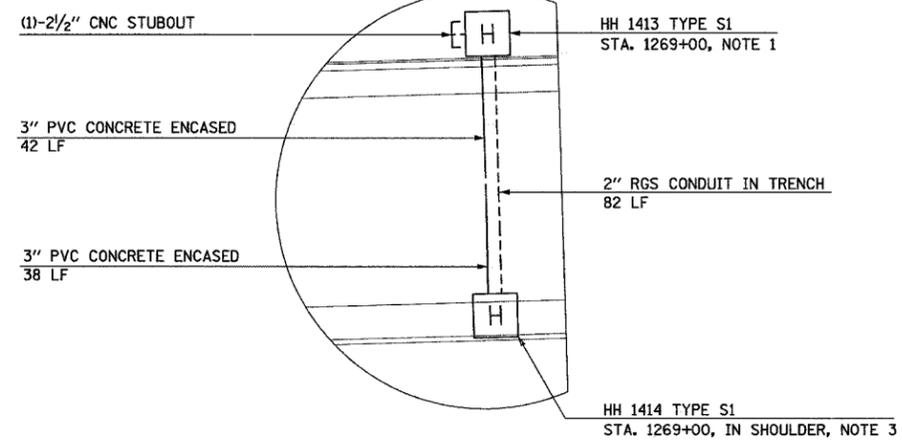
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94	*	COOK	764	474
STA. 1255+70		TO STA. 1269+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5		62593		

- NOTES:
- REFER SHEET EI-106 FOR HANDHOLE DETAILS. INSTALL HANDHOLE MINIMUM 2' BEHIND CURB.
 - REFER TO SHEETS EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.
 - REFER SHEET EI-110 FOR HANDHOLE DETAIL.



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

MATCH LINE STA. 1269+20
SEE SHEET EI-15



23/EI-14

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REVISIONS	
NAME	DATE

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

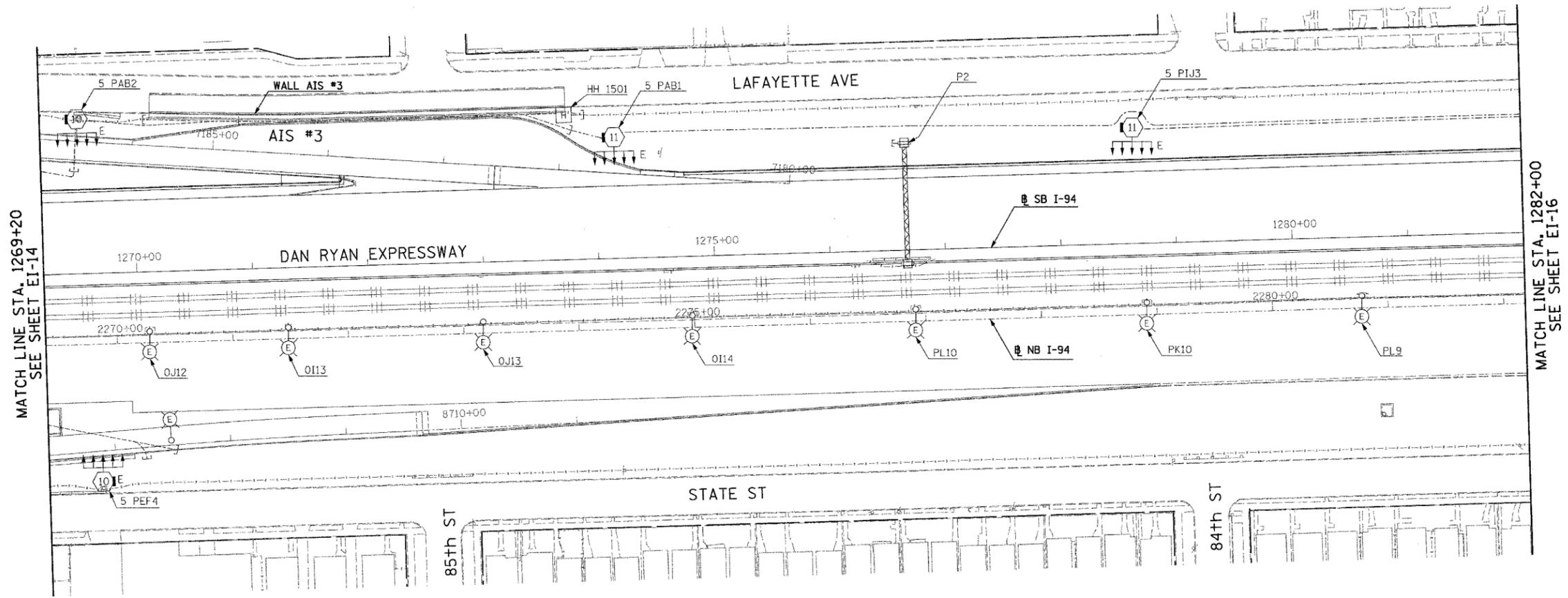
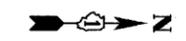
ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

SCALE: 1"=50'
DATE: MARCH 1, 2006

DRAWN BY: VK
CHECKED BY: TM

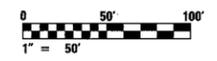
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	475
STA. 1269+00		TO STA. 1282+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516, 1, 1717, 1818) R-5		62593		



MATCH LINE STA. 1269+20
SEE SHEET EI-14

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



23/EI-15

NO ELECTRICAL WORK ON THIS SHEET
FOR REFERENCE ONLY

REVISIONS	
NAME	DATE

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

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

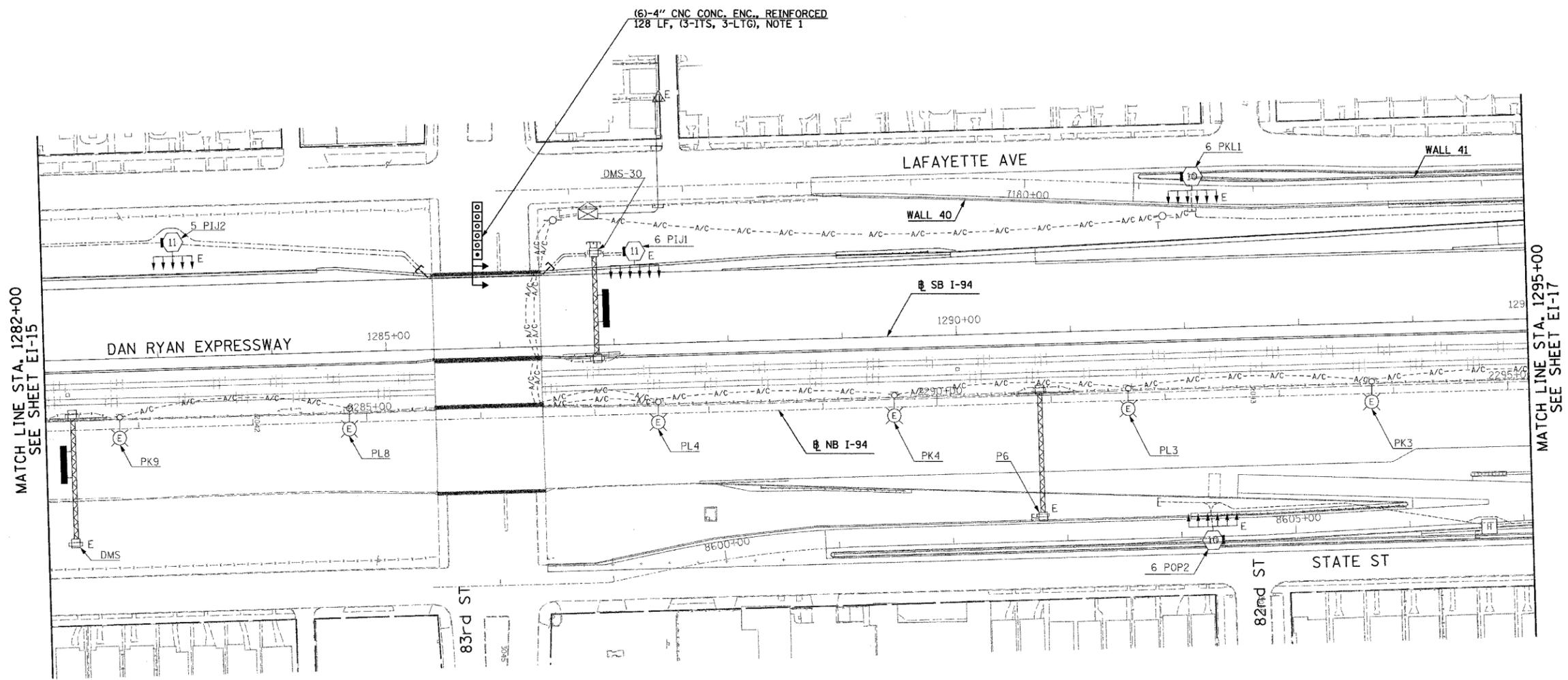
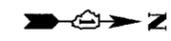
SCALE: 1"=50' DRAWN BY: VK
DATE: MARCH 1, 2006 CHECKED BY: TM

SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
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3-25-26 TM
2/20/2006

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	476
STA. 1282+00		TO STA. 1295+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717, 1818) R-5		62593		

NOTES:
 1. REFER SHEET EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.



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

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



23/EI-16

REVISIONS	
NAME	DATE

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

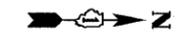
ELECTRICAL INFRASTRUCTURE PLANS
 PROPOSED IMPROVEMENTS

SCALE: 1"=50' DRAWN BY: VK
 DATE: MARCH 1, 2006 CHECKED BY: TM

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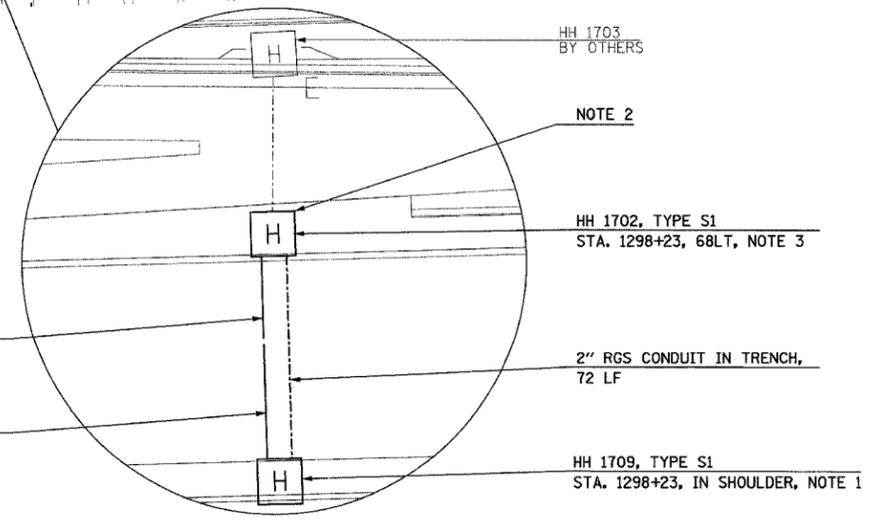
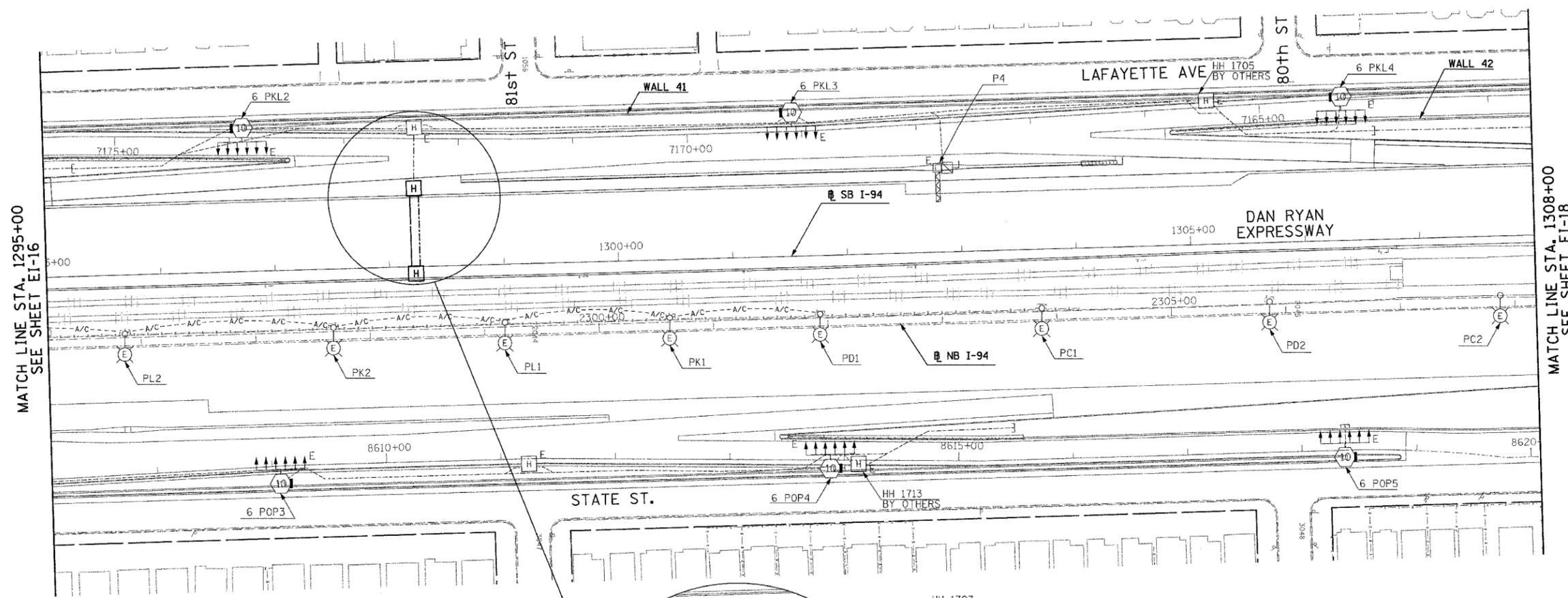
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	477
STA. 1295+00		TO STA. 1308+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (1516.1, 1717, 1818) R-5		62593		



NOTES:

1. REFER SHEET EI-110 FOR HANDHOLE DETAIL.
2. CONNECT EXISTING CONDUIT INSTALLED UNDER CONTRACT 62594 TO HANDHOLE 1702 INSTALLED UNDER THIS CONTRACT (62593).
3. REFER SHEET EI-106 FOR HANDHOLE DETAIL.



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

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

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23/EI-17

REVISIONS	
NAME	DATE

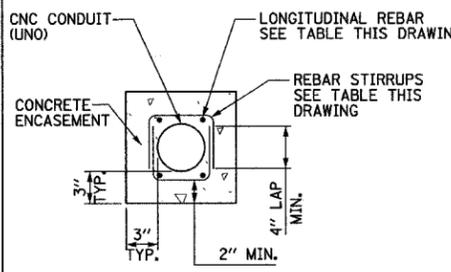
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

ELECTRICAL INFRASTRUCTURE PLANS
PROPOSED IMPROVEMENTS

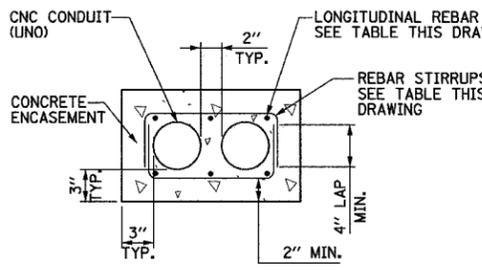
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DATE: MARCH 1, 2006 CHECKED BY: TM

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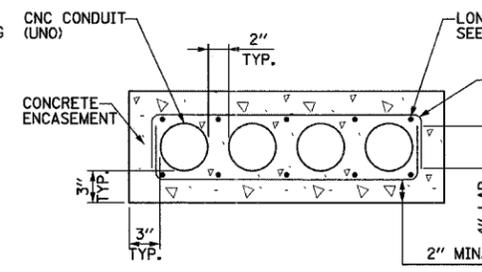
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	479
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1, 1717, 1818) R-5		62593		



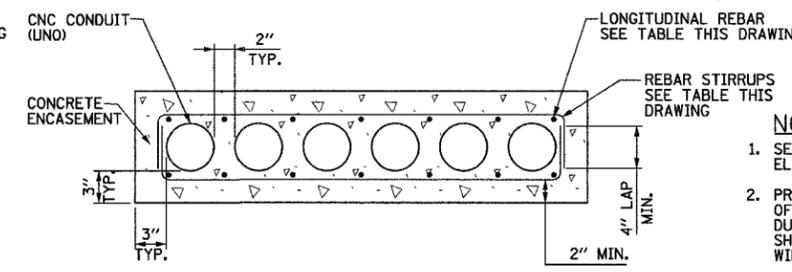
1x1 DUCTBANK DETAIL-
IN REINFORCED CONCRETE
NOT TO SCALE



2x1 DUCTBANK DETAIL-
IN REINFORCED CONCRETE
NOT TO SCALE

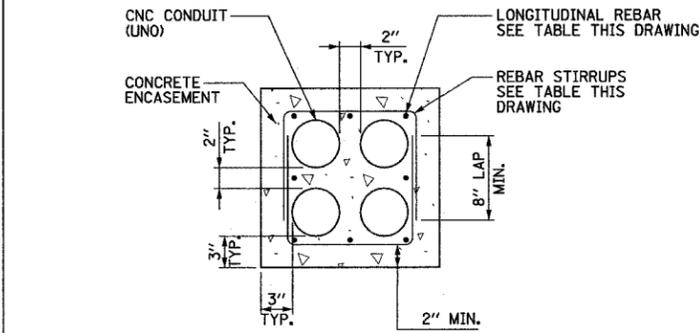


4x1 DUCTBANK DETAIL-
IN REINFORCED CONCRETE
NOT TO SCALE

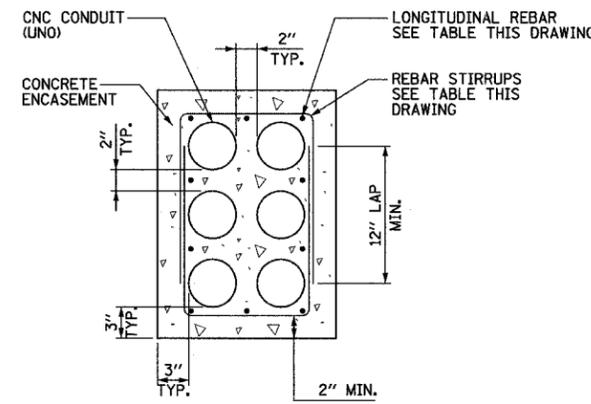


6x1 DUCTBANK DETAIL-
IN REINFORCED CONCRETE
NOT TO SCALE

- 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).

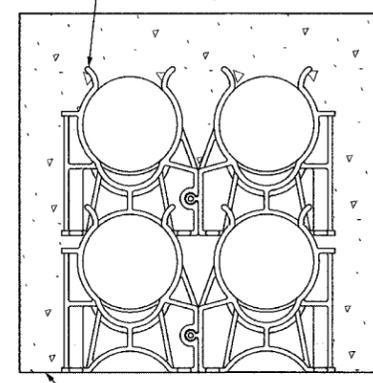


2x2 DUCTBANK DETAIL-
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NOT TO SCALE

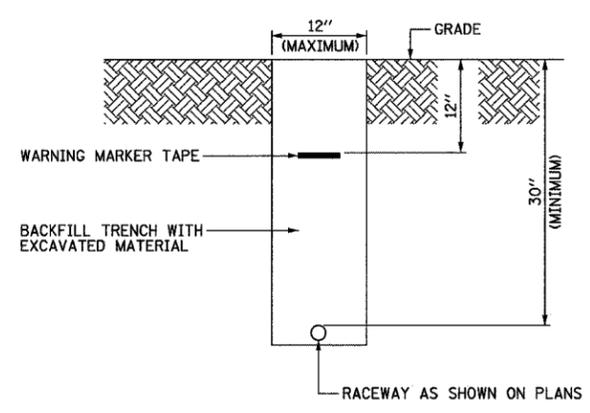


2x3 DUCTBANK DETAIL-
IN REINFORCED CONCRETE
NOT TO SCALE

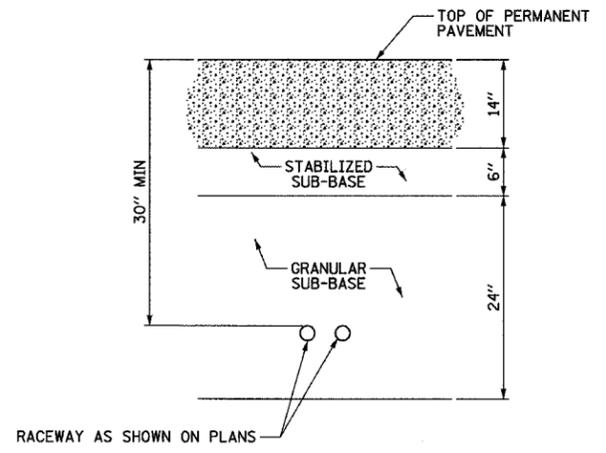
INTERLOCKING CONDUIT SPACERS MUST BE PROVIDED FOR ALL REINFORCED CONCRETE DUCTBANKS. THE INTERLOCKING SPACERS SHALL BE AS MANUFACTURED BY UNDERGROUND DEVICES, INC. OR APPROVED EQUAL. SPACERS SHALL BE INSTALLED AT 5'-0" (MAXIMUM) INTERVALS, UNO.



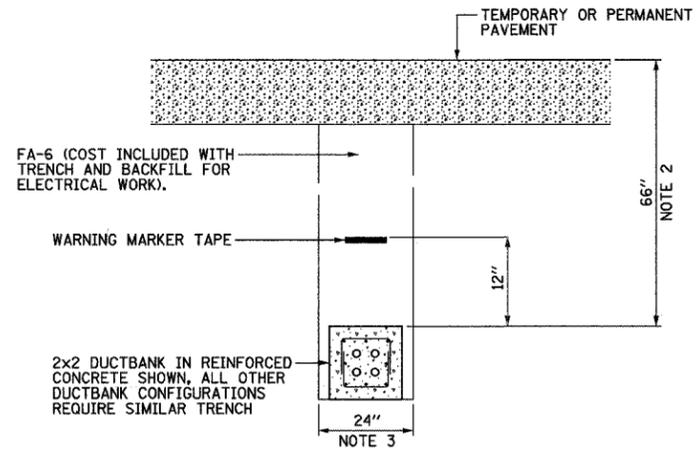
INTERLOCKING CONDUIT SPACER DETAIL
NOT TO SCALE



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

REVISIONS	
NAME	DATE

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

ELECTRICAL DUCTBANK DETAILS

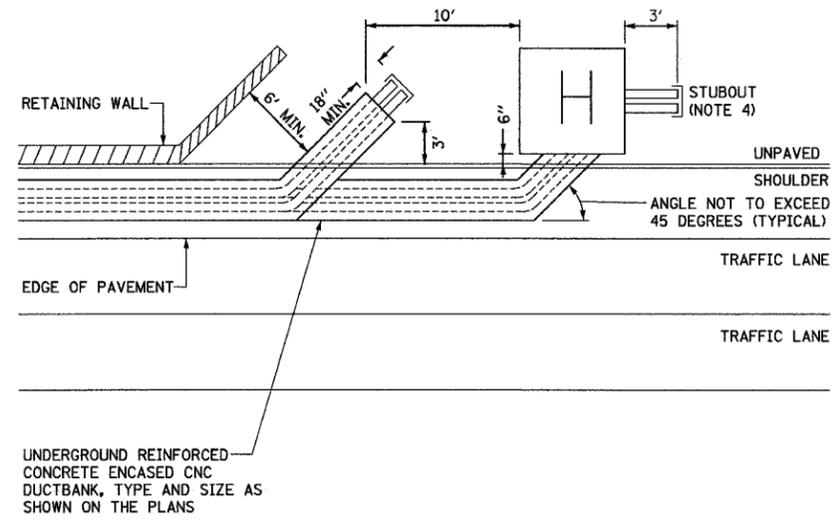
SCALE: NOT TO SCALE DRAWN BY:
DATE: MARCH 1, 2006 CHECKED BY:

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SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

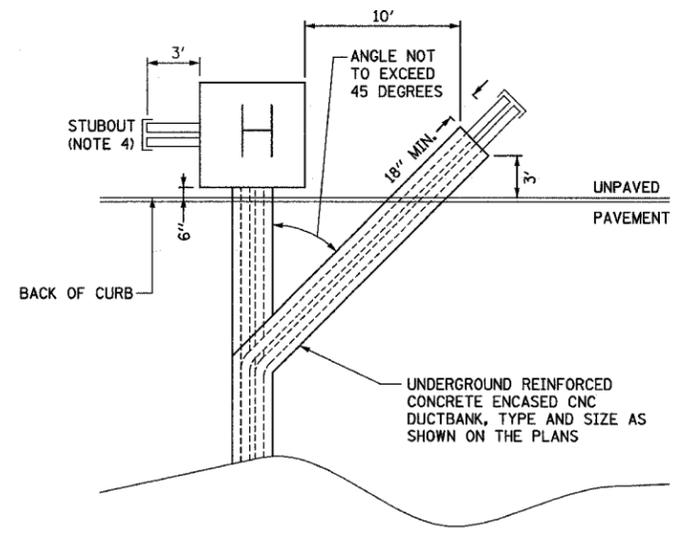
300 W. ADAMS ST.
CHICAGO, IL 60606
TEL: (312) 629-0240
FAX: (312) 629-8449

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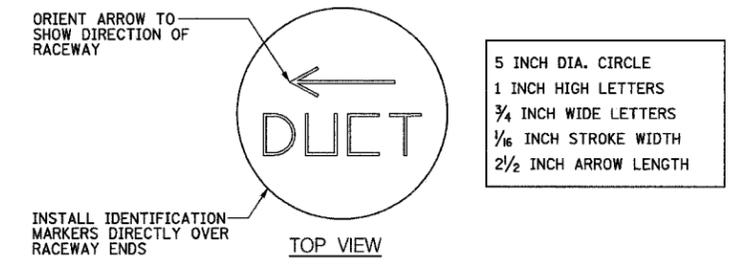
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	480
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



DUCTBANK INSTALLATION DETAIL ALONG RETAINING WALL
NOT TO SCALE



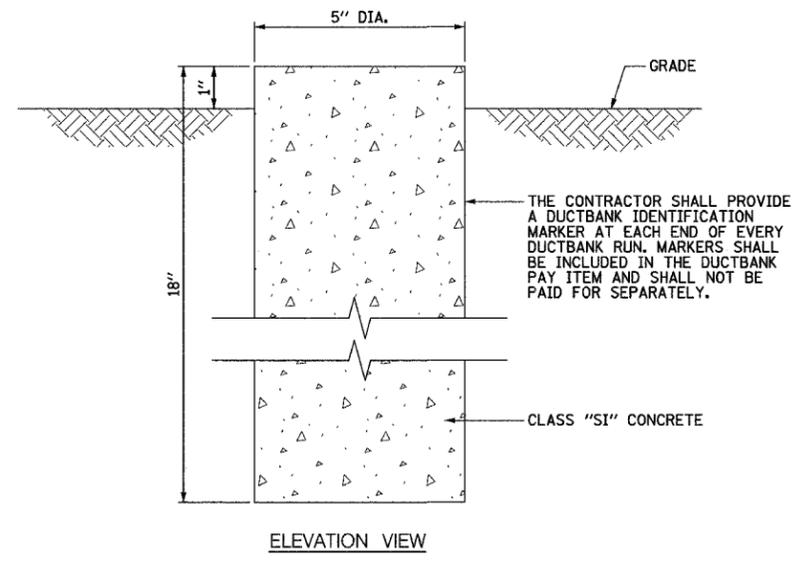
DUCTBANK INSTALLATION DETAIL UNDER PAVEMENT
NOT TO SCALE



ORIENT ARROW TO SHOW DIRECTION OF RACEWAY

5 INCH DIA. CIRCLE
1 INCH HIGH LETTERS
3/4 INCH WIDE LETTERS
1/16 INCH STROKE WIDTH
2 1/2 INCH ARROW LENGTH

TOP VIEW



THE CONTRACTOR SHALL PROVIDE A DUCTBANK IDENTIFICATION MARKER AT EACH END OF EVERY DUCTBANK RUN. MARKERS SHALL BE INCLUDED IN THE DUCTBANK PAY ITEM AND SHALL NOT BE PAID FOR SEPARATELY.

CLASS "SI" CONCRETE

ELEVATION VIEW

DUCTBANK IDENTIFICATION MARKER DETAIL
SCALE: 3" = 1'-0"

- 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 SHALL EXTEND 3' FROM HANDHOLE AND BE CAPPED. NUMBER AND SIZE SHALL BE AS SHOWN ON PLANS. STUBOUTS SHALL BE INCLUDED IN HANDHOLE PAY ITEM AND SHALL NOT BE PAID SEPARATELY.
 - FOR DETAILS AT SPECIFIC LOCATIONS, SEE "TYPICAL SECTION DETAILS: EXISTING CROSS STREET OVERPASS FOOTINGS".

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REVISIONS	
NAME	DATE

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

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

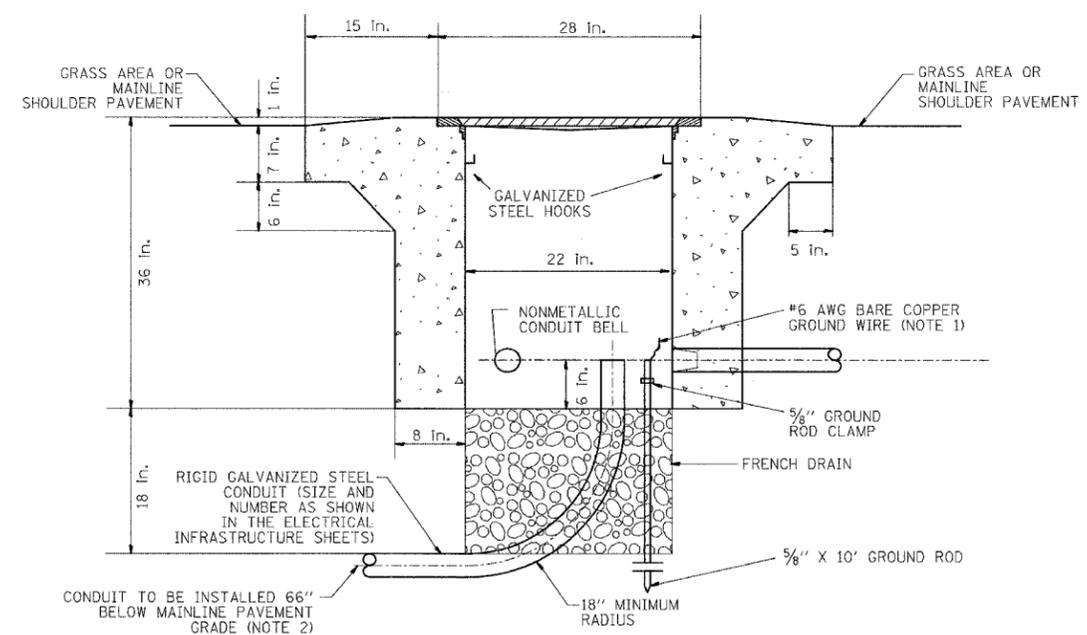
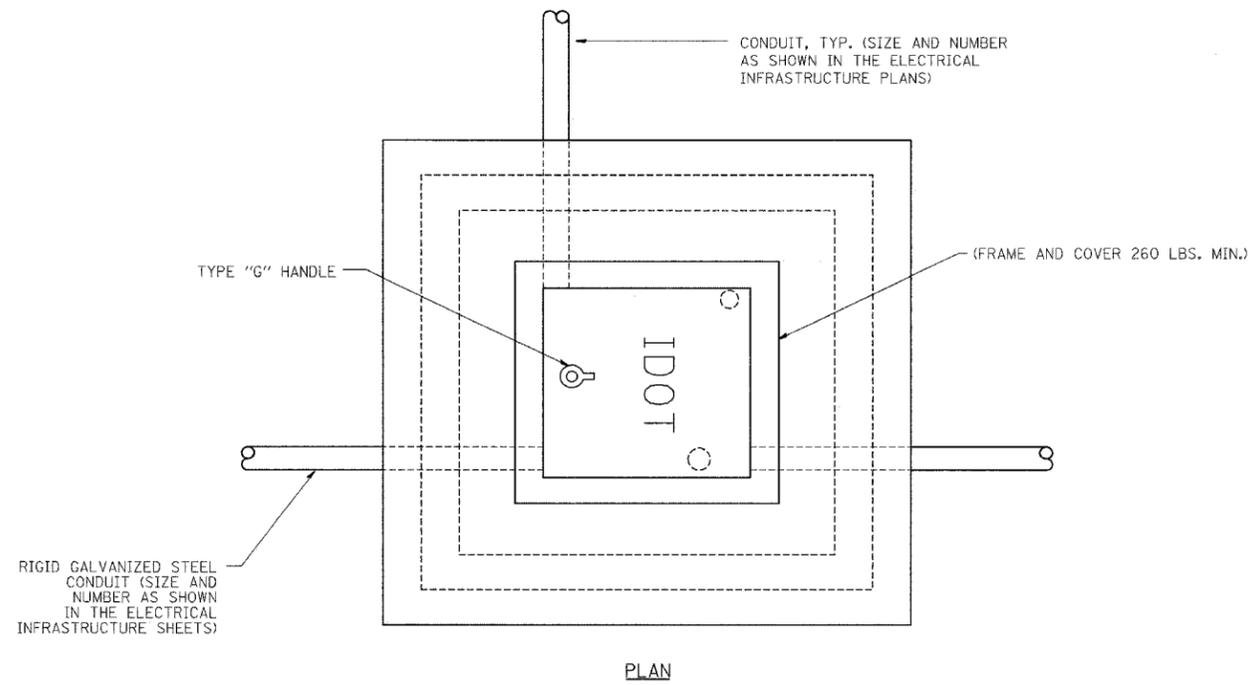
SCALE: NOT TO SCALE
DATE: MARCH 1, 2006

DRAWN BY: BHP
CHECKED BY: BMW

23/EI-103

2/20/2006 2:08:09 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	481
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5		62593		



ELEVATION
PC CONCRETE
HEAVY DUTY HANDHOLE, TYPE S1
 (FOR INSTALLATION IN
 MAINLINE SHOULDER WIDER THAN 6' OR
 BEHIND PAVED AREA)

NOTE:
 1. 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).
 2. CONDUIT TO BE INSTALLED BELOW MAINLINE PAVEMENT WHERE SHOWN IN THE ELECTRICAL INFRASTRUCTURE PLANS (SEE SHEET EI-110).

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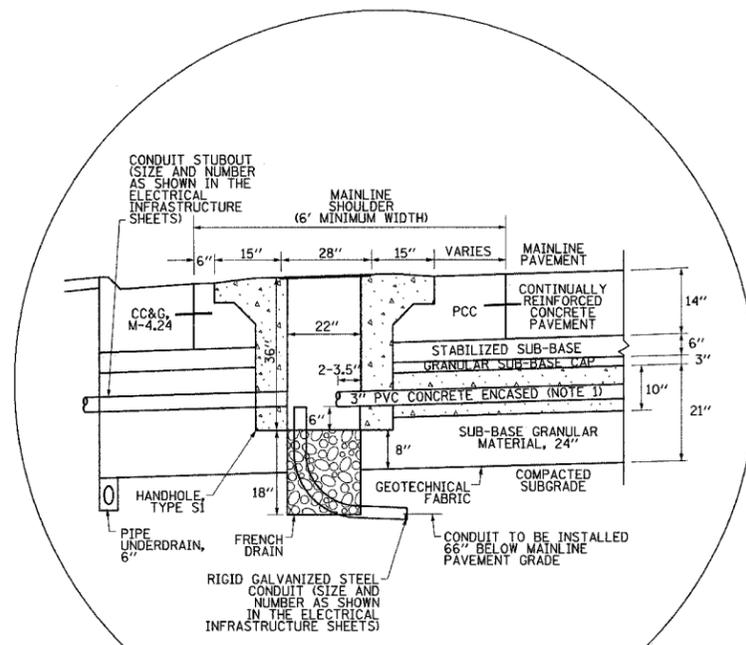
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PC CONCRETE - HEAVY
 DUTY HANDHOLE DETAIL,
 TYPE S1 AND TYPE S1 (SPECIAL)
 SCALE: NTS
 DATE: MARCH 1, 2006
 DRAWN BY: CJH
 CHECKED BY: MJL

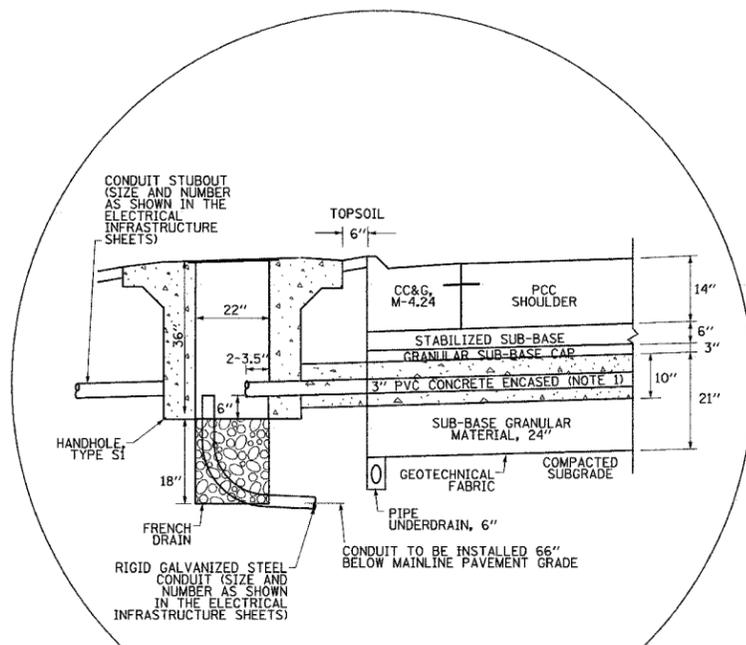
23/EI-106

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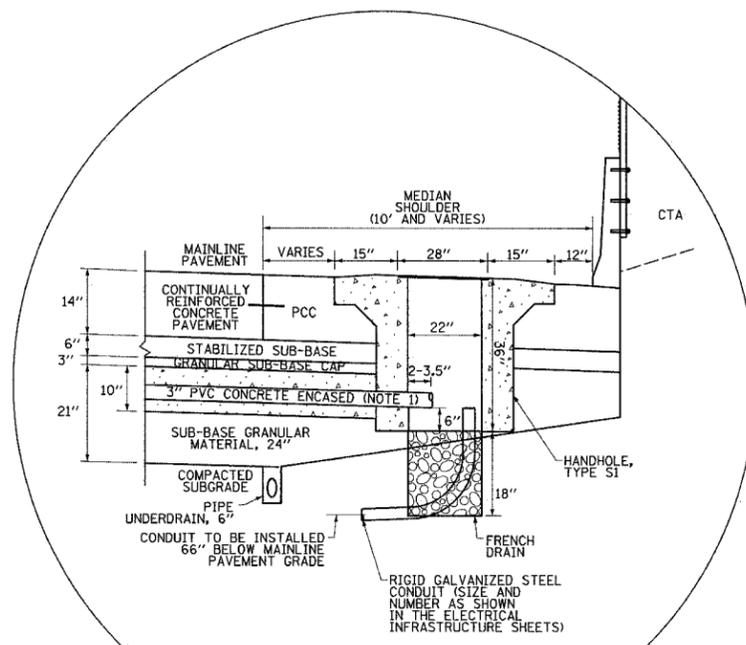
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	482
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.1, 1717, 1818) R-5				62593



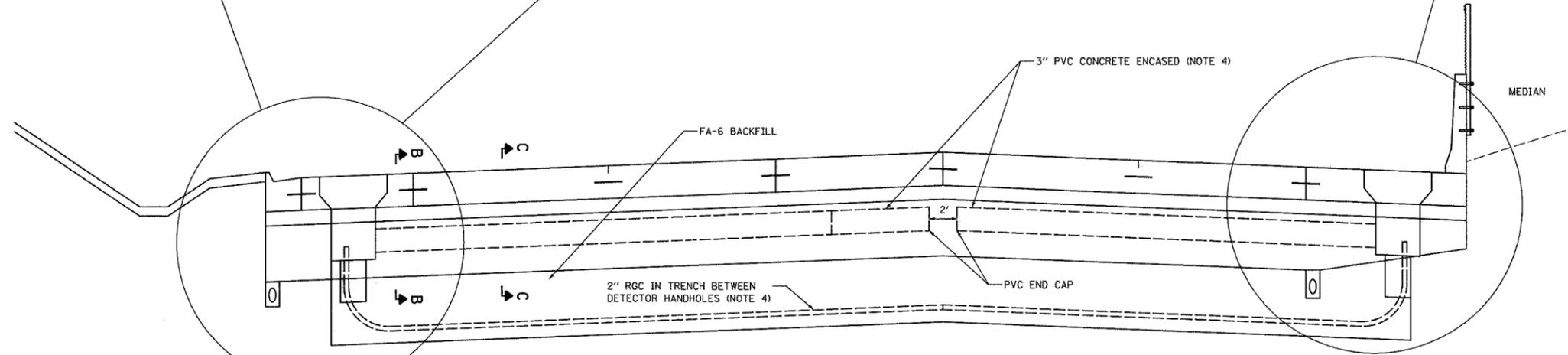
HANDHOLE INSTALLATION IN MAINLINE SHOULDER



HANDHOLE INSTALLATION BEHIND MAINLINE CURB



HANDHOLE INSTALLATION IN MEDIAN SHOULDER



TYPICAL MAINLINE DETECTOR INSTALLATION: SECTION A-A

NOTES

- 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.
- FOR HANDHOLE DETAIL SEE SHEET EI-106.
- 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.
- CONDUIT IS TO BE INSTALLED IN STAGES AS THE PAVEMENT IS BUILT. SEE SHEETS EI-110A AND EI-115.

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REVISIONS	
NAME	DATE

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

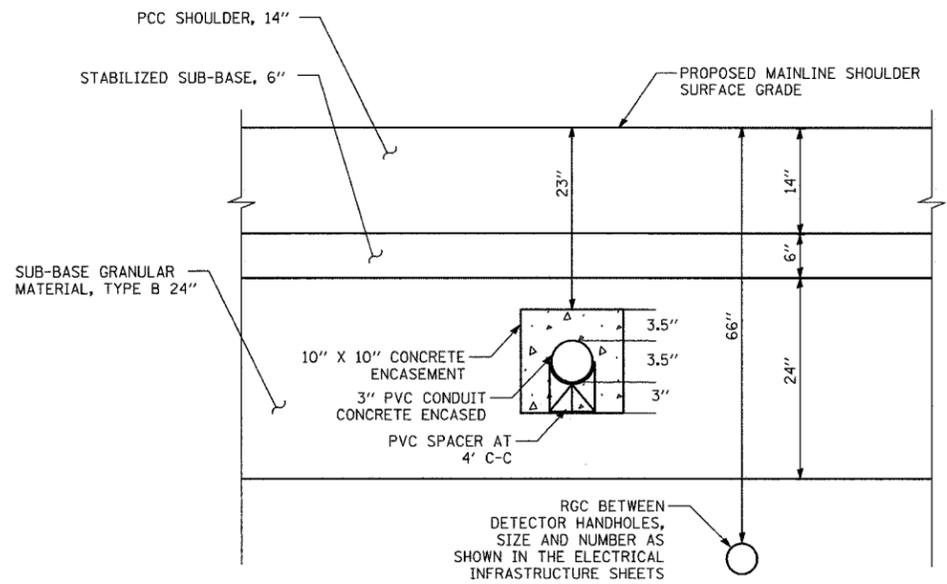
TYPICAL MAINLINE DETECTOR
INSTALLATION DETAIL (SHEET 1 OF 2)

SCALE: NTS DRAWN BY: NB
DATE: MARCH 1, 2006 CHECKED BY: MJL

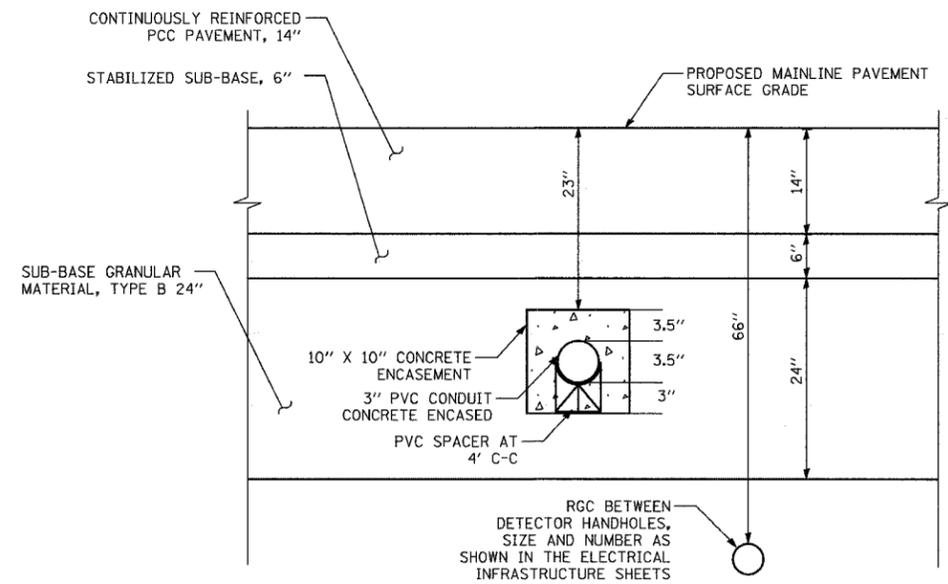
23/EI-110

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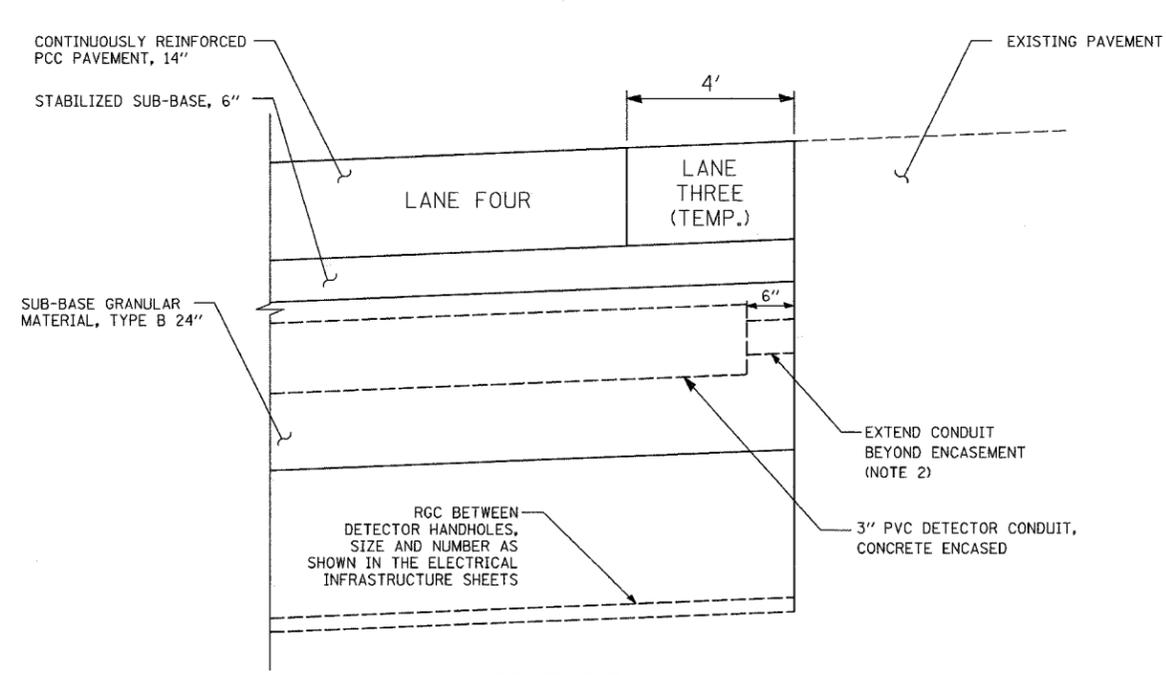
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	483
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5			62593	



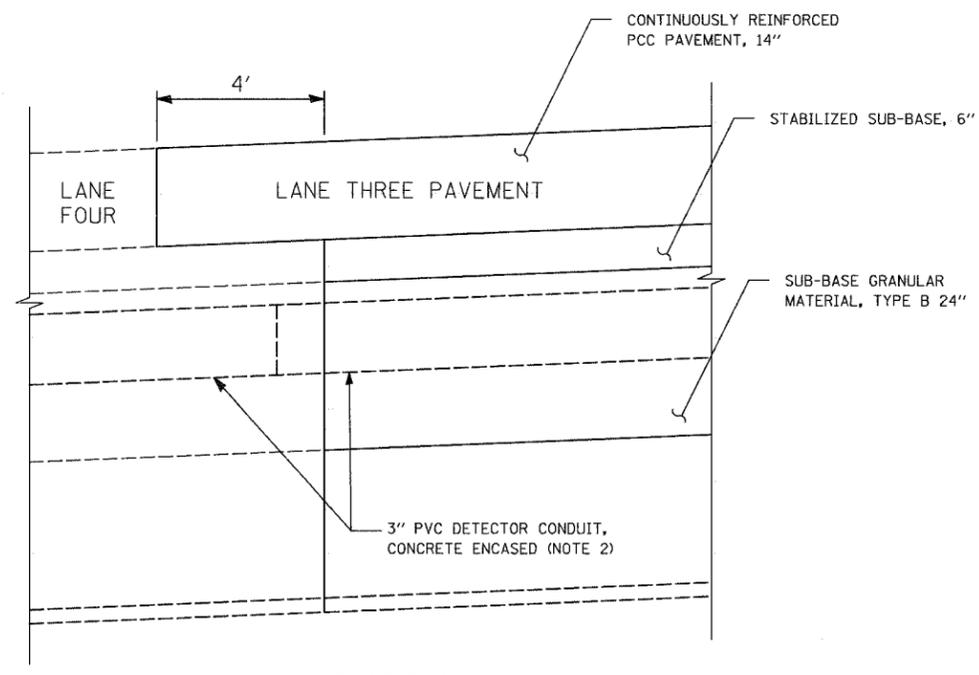
**TYPICAL DETECTOR CONDUIT INSTALLATION
IN MAINLINE SHOULDER: SECTION B-B**



**TYPICAL DETECTOR CONDUIT INSTALLATION
IN MAINLINE PAVEMENT: SECTION C-C**



STAGE ONE



STAGE TWO

**TWO-STAGE DETECTOR CONDUIT INSTALLATION DETAIL
(FOR APPLICABLE LOCATIONS, SEE SHEET EI-115)**

- NOTES:**
- CONTRACTOR MUST VERIFY THE DETECTOR CONDUIT STRAIGHTNESS ACCORDING TO THE CONTRACT SPECIFICATIONS BEFORE THE CONCRETE ENCASEMENT IS INSTALLED.
 - DURING STAGE ONE, CONDUIT TO BE CAPPED AND MARKED FOR FUTURE CONNECTION. IN STAGE TWO, CONNECT 3" PVC DETECTOR CONDUITS WITH CONDUIT SLEEVE. ALIGNMENT OF THE CONDUIT INSTALLED IN THE TWO STAGES SHALL NOT DEVIATE MORE THAN 1/4" PER FOOT OVER THE COURSE OF THE CONDUIT INSTALLED IN LANES 3, 4, AND 5.

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REVISIONS	
NAME	DATE

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

**TYPICAL MAINLINE DETECTOR
INSTALLATION DETAIL (SHEET 2 OF 2)**

SCALE: NONE DRAWN BY: NB
DATE: MARCH 1, 2006 CHECKED BY: MJL

23/EI-110A

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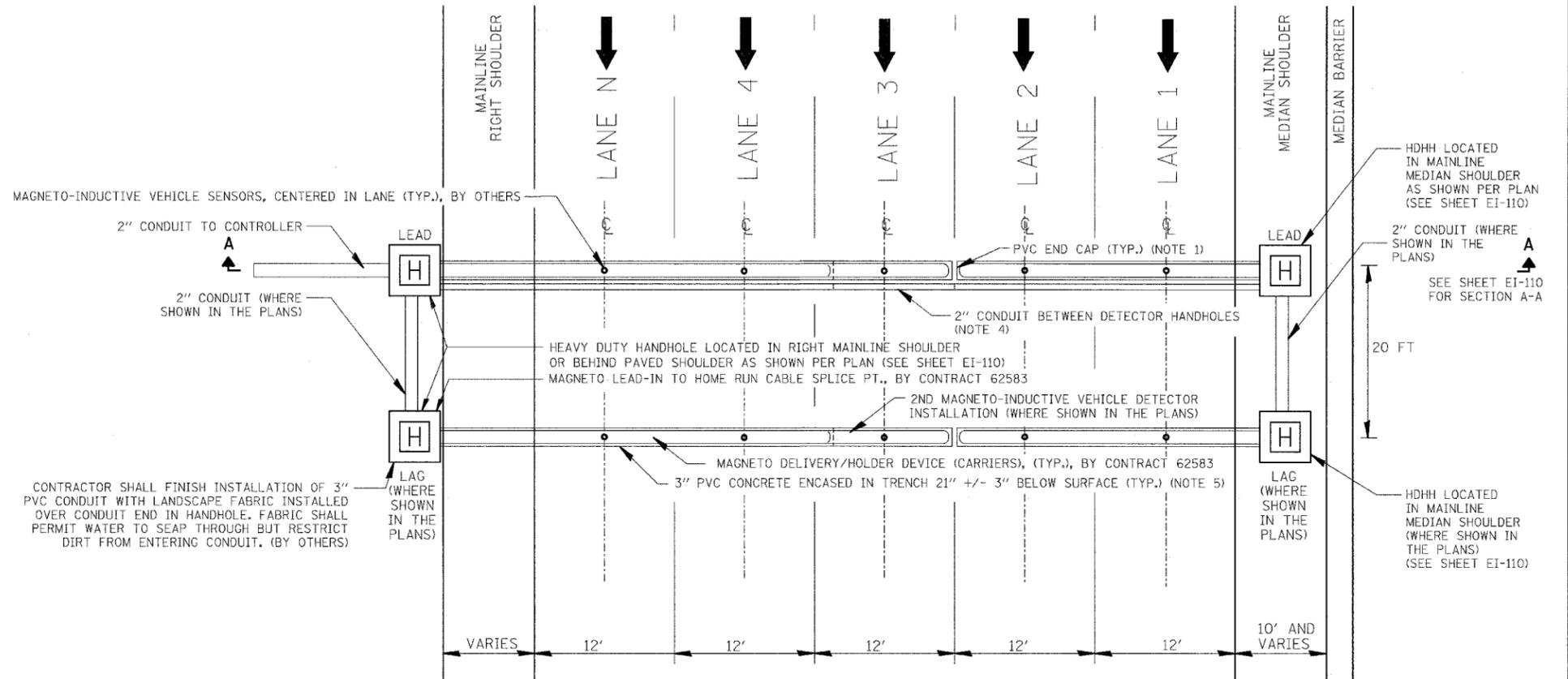
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	484
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717, 1818) R-5				62593

NOTES:

- CONDUIT END CAP TO BE PRESS FITTED (NO ADHESIVE).
- CONDUIT TO EXTEND 2-3 IN. INTO HANDHOLE.
- FOR 3" PVC CONCRETE ENCASED IN TRENCH DETAIL, SEE SHEET EI-110. FOR HANDHOLE DETAIL, SEE SHEET EI-106.
- THE 2" GALVANIZED STEEL CONDUIT BETWEEN MAINLINE DETECTOR HANDHOLES IS TO BE INSTALLED IN STAGES AS THE PAVEMENT IS BUILT. DURING THE FIRST STAGE, THE CONDUIT IS TO BE CAPPED AND MARKED AT THE CONSTRUCTION LIMIT FOR FUTURE CONNECTION. DURING SUBSEQUENT STAGES, THE REMAINING PORTIONS OF CONDUIT ARE TO BE INSTALLED AND CONNECTED TO CONDUIT INSTALLED IN PREVIOUS STAGES (AND CAPPED FOR FUTURE CONNECTION WHERE APPLICABLE). WHEN THE ENTIRE RUN OF CONDUIT BETWEEN HANDHOLES IS INSTALLED AND CONNECTED, THE CONTRACTOR SHALL CLEAN THE ENTIRE LENGTH OF CONDUIT TO REMOVE ANY DEBRIS.
- THE TWO SECTIONS OF 3" PVC CONCRETE ENCASED DETECTOR CONDUIT ARE TO BE INSTALLED IN STAGES AS THE PAVEMENT IS BUILT. IN SOME LOCATIONS, THE PAVEMENT WILL BE BUILT IN THREE STAGES. WHERE THIS OCCURS (SEE LIST BELOW), THE CONDUIT INSTALLED IN THE MIDDLE STAGE SHALL BE INSTALLED AS AN EXTENSION OF THE CONDUIT INSTALLED IN THE FIRST STAGE (SEE SHEET EI-110A). THE ALIGNMENT OF CONDUIT INSTALLED IN THIS TWO-STAGE MANNER SHALL NOT DEVIATE IN ANY DIRECTION MORE THAN 1/4 IN. PER FT ACROSS THE ENTIRE RUN.

DETECTOR STATIONS BUILT IN THREE STAGES

STA 1220+65:	STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3B = LANES 1,2
STA 1220+85:	STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3B = LANES 1,2
STA 1252+84:	STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2
STA 1268+99:	STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2
STA 1298+23:	STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2



DAN RYAN TYPICAL MULTI-LANE CROSS SECTION WITH NON-INVASIVE MAGNETO-INDUCTIVE VEHICLE SENSOR (PROBE) INSTALLED IN ALL LANES

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CHICAGO, IL 60606
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REVISIONS	
NAME	DATE

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

TYPICAL MAINLINE DETECTOR STATION LAYOUT

SCALE: NTS DRAWN BY: NB
DATE: MARCH 1, 2006 CHECKED BY: MJL

23/EI-115

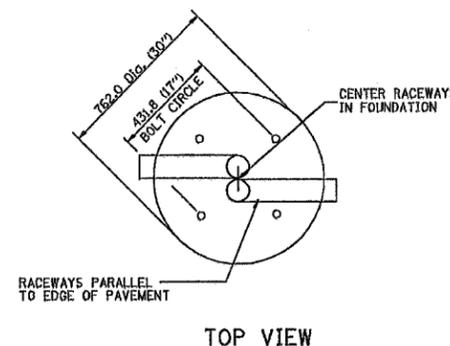
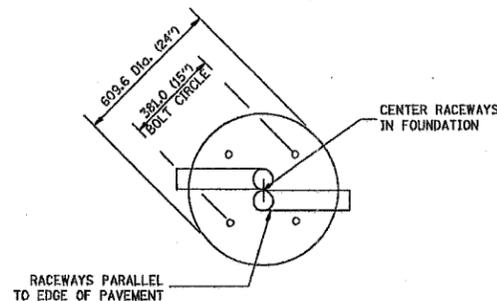
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F. & E.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			764	485
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

62593

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 DU = 0.375 TON/SO. FT.	3.96M (13'-0")	4.57M (15'-0")
MEDIUM CLAY DU = 0.75 TON/SO. FT.	2.09M (9'-6")	3.23M (10'-9")
STIFF CLAY DU = 1.50 TON/SO. FT.	2.13M (7'-0")	2.44M (8'-0")
LOOSE SAND β = 34°	2.74M (9'-0")	3.05M (10'-0")
MEDIUM SAND β = 37.5°	2.52M (8'-3")	2.74M (9'-0")
DENSE SAND β = 40°	2.36M (7'-9")	2.74M (9'-0")

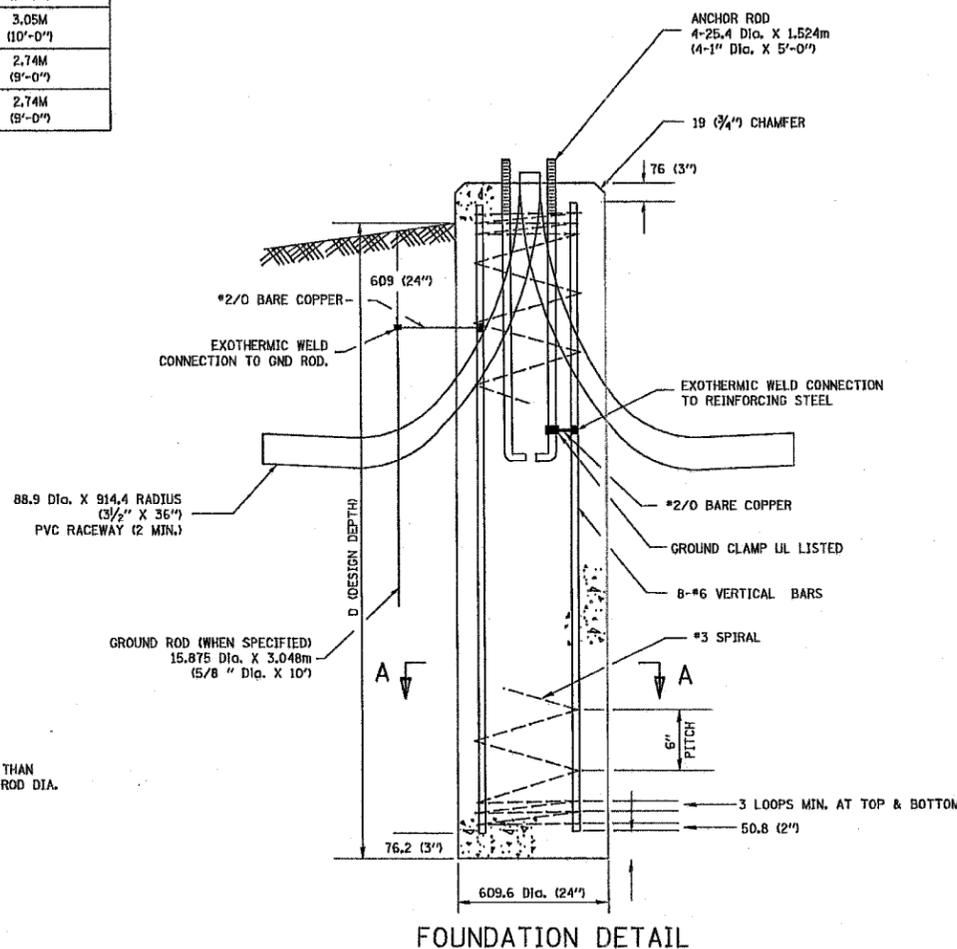


TOP VIEW

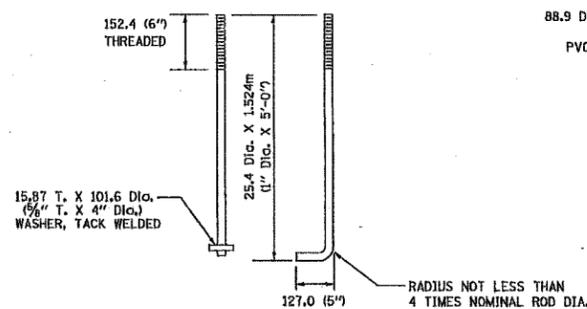
TOP VIEW

NOTES

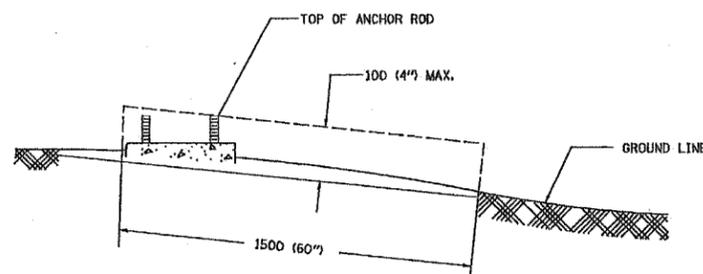
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 1.5M (60 IN.) CHORD ACROSS THE FOUNDATION, 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 SJ. 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 DH, 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 UMG (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 69.9MM (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.



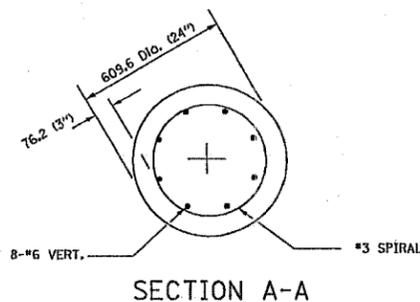
FOUNDATION DETAIL



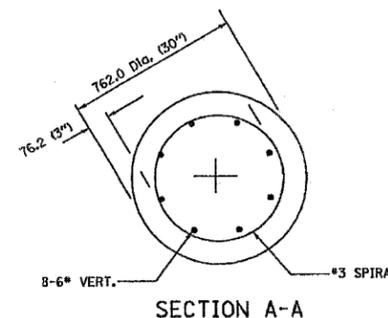
ANCHOR ROD DETAIL



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

MAINLINE EXISTING SIGN SCHEDULE

SIGN NO.	LOCATION	SIGN INFORMATION			REMAIN IN PLACE	REMOVE AND REINSTALL	REMOVE	RELOCATE	WOOD POST (FT)	SIGN DESCRIPTION
		STATION	OFFSET	MOUNTING						
1	SB I-57	101+42	43' LT	WOOD POST			1		EXIT 357 (ARROW)	
2	SB I-57	104+57	62.2' LT	WOOD POST	1				RAMP 30 MPH	
3	SB I-57	107+16	OVERHEAD	BRIDGE-MOUNT	1				EXIT 357 ILLINOIS 1 HALSTED ST & ARROW	
4	SB I-57	107+22	52.1' LT	WOOD POST	1				PARNELL AV 532 W	
5	SB I-57	109+09	26.1' RT	WOOD POST				1	ACCIDENT INVESTIGATION SITE & ARROW	
6	SB I-57	117+30	OVERHEAD	CANTILEVER	1				EXIT 357 ILLINOIS 1 HALSTED ST (ARROW) EXIT ONLY	
7	SB I-57	118+78	40.8' LT	LIGHT POLE			1		M1-1 (57), M3-3 (INTERSTATE)	
8	SB I-57	124+89	50.8' LT	WOOD POSTS				1	BEVERLY HILLS MORGAN PARK HISTORIC DIST. EXIT 357	
9	SB I-57	130+97	44.3' LT	WOOD POSTS		1			WENTWORTH AVE 200W	
10	SB I-57	133+63	OVERHEAD	TRUSS					EXIT 355 111TH ST 2 1/4 MILES, EXIT 357 ILLINOIS 1 HALSTED ST 1/2 MILE	
11	SB I-57	133+86	41.3' LT	WOOD POST				1	ACCIDENT INVESTIGATION SITE 1/2 MILE LEFT	
12	SB I-57	135+64	11.0' RT	LIGHT POLE				1	ACCIDENT INVESTIGATION SITE 1/2 MILE LEFT	
13	SB I-57	135+88	44.6' LT	WOOD POST			1		INTERSTATE 57 BEGINS	
14	SB I-57	135+88	18.3' RT	WOOD POST			1		INTERSTATE 57 BEGINS	
15	SB I-57	139+93	43.3' LT	WOOD POST			1		EXIT & ARROW	
16	SB I-57	143+97	68.3' LT	WOOD POST	1				W13-3 (RAMP 30 MPH)	
17	SB I-57	144+20	16.2' RT	WOOD POST				1	ACCIDENT INVESTIGATION SITE 3/4 MILE LEFT	
18	SB I-57	144+75	OVERHEAD	CANTILEVER	1				WENTWORTH AVE (1 ARROW)	
19	SB I-57	145+46	18.7' RT	WOOD POST			1		W12-1	
20	SB I-57	145+48	58.5' LT	WOOD POST	1				EXISTING "ACCIDENT INVESTIGATION SITE 3/4 MILE LEFT"	
21	SB I-57	149+87	OVERHEAD	TRUSS	1				I-94 EAST BISHOP FORD FWY INDIANA (2 ARROWS), EXIT 63 I-57 SOUTH MEMPHIS (3 ARROWS), R2-1 (55 MPH), R2-1 (55 MPH)	
22	SB I-57	152+00	60.5' LT	WOOD POST	1				R2-1(55 MPH)	
23	SB I-94 (BISHOP FORD)	1134+06	56.5' LT	STEEL BKWY	1				ILLINOIS INT'L PORT EXITS IROQUOIS LNDG 65 LAKE	
24	EB I-57 TO I-94 CONNECTOR	421+90	37.6' RT	WOOD POSTS		1			STATE ST	
25	SB I-94 (BISHOP FORD)	1140+68	55.3' LT	STEEL BKWY	1				EXIT 65 STONY ISLAND AVE TO 95TH-103RD STS 3/4 MILE	
26	SB I-94 (DAN RYAN)	1216+75	OVERHEAD	CANTILEVER	1				WENTWORTH AVE RIGHT 1/2 MILE	
27	SB I-94 (DAN RYAN)	1219+86	72.5' LT	WOOD POST			1		EXIT 62 (ARROW)	
28	SB I-94 (DAN RYAN)	1223+47	91.3' LT	WOOD POST					W13-3 (RAMP 30 MPH)	
29	SB I-94 (DAN RYAN)	1224+00	OVERHEAD	CANTILEVER	1				I-94 EAST BISHOP FORD FWY INDIANA (2 ARROWS), EXIT 63 I-57 SOUTH MEMPHIS (3 ARROWS)	
30	SB I-94 (DAN RYAN)	1227+50	OVERHEAD	CANTILEVER	1				EXIT 62 ROUTE 12 ROUTE 20 95TH ST (1 ARROW)	
31	SB I-94 (DAN RYAN)	1233+05	69.9' LT	WOOD POST		1			91ST ST	
32	SB I-94 (DAN RYAN)	1234+95	67.6' LT	WOOD POST			1		CHICAGO STAGE UNIVERSITY EXIT 62	
33	SB I-94 (DAN RYAN)	1239+75	98.5' LT	STEEL BKWY	1				WENTWORTH AVE 1 MILE	
34	SB I-94 (DAN RYAN)	1243+00	85.7' LT	WOOD POST	1				R2-1 (55 MPH)	
35	SB 87TH ST. RAMP	7184+80	25.0' RT	WOOD POST	1				R1-1	
36	SB 87TH ST. RAMP	7183+50	35.5' RT	WOOD POST	1				87TH ST. AIS INFO	
37	SB I-94 (DAN RYAN)	7181+14	21.1' RT	WOOD POST	1				W13-3 (RAMP 30 MPH), R-1	
38	SB I-94 (DAN RYAN)	1247+34	67.6' LT	WOOD POST			1		W4-1R	
39	SB I-94 (DAN RYAN)	1251+43	OVERHEAD	TRUSS	1				I-94 EAST BISHOP FORD FWY INDIANA LEFT 2 LANES, EXIT 63 I-57 SOUTH MEMPHIS RIGHT 3 LANES, EXIT 62 ROUTE 12 ROUTE 20 95TH ST RIGHT 1/2 MILE, R2-1 (55MPH)	
40	SB I-94 (DAN RYAN)	1262+42	71.0' LT	WOOD POST			1		R2-1 (45)	
41	SB I-94 (DAN RYAN)	1265+21	79.4' LT	STEEL POST			1		NO PARKING TOW AWAY ZONE	
42	SB I-94 (DAN RYAN)	1265+47	80.5' LT	WOOD POST			1		STATE POLICE SB RYAN & 86TH ST PULLOUT SITE FOR OFFICIAL USE ONLY	
43	SB I-94 (DAN RYAN)	1271+66	64.9' LT	WOOD POST			1		EXIT 61B & ARROW	

*SEE REMOVAL SIGNING SCHEDULE

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25 EXCEPT WOOD POST.

REVISIONS	
NAME	DATE

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

MAINLINE EXISTING SIGN SCHEDULE
1 OF 2

SCALE: NONE
DATE: MARCH 1, 2006
DRAWN BY: AMB
CHECKED BY: TGB

MAINLINE EXISTING SIGN SCHEDULE

SIGN NO.	LOCATION	SIGN INFORMATION			REMAIN IN PLACE	REMOVE AND REINSTALL	REMOVE	RELOCATE	WOOD POST (FT)	SIGN DESCRIPTION
		STATION	OFFSET	MOUNTING						
44	SB I-94 (DAN RYAN)	1276+67	OVERHEAD	TRUSS	1					EXIT 61B 87TH ST (1 ARROW), EXIT 62 95TH ST. 1 MILE, 87TH ST. AIS (1 ARROW)
45	SB I-94 (DAN RYAN)	1286+85	OVERHEAD	TRUSS (DMS)	1					DYNAMIC MESSAGE SIGN, AIS SITE 1/4 MILE RIGHT
46	SB I-94 (DAN RYAN)	1287+13	11.5' RT	LIGHT POLE			1			END TRUCK LANE RESTRICTION
47	SB I-94 (DAN RYAN)	1287+38	83.9' LT	WOOD POST			1			END TRUCK LANE RESTRICTION
48	SB I-94 (DAN RYAN)	1297+13	95.3' LT	WOOD POST	1					EXIT 61A & ARROW
49	SB I-94 (DAN RYAN)	1298+69	73.2' LT	STEEL POST	1					W4-1R
50	SB I-94 (DAN RYAN)	1302+82	73.2' LT	CANTILEVER	1					EXIT 61B 87TH ST 1/2 MILE
51	SB I-94 (DAN RYAN)	1304+04	76.3' LT	STEEL POST	1					EXIT 61A & ARROW
52	SB I-94 (DAN RYAN)	1305+67	97.9' LT	WOOD POST	1					W4-3R

NOTES

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AND THE ENGINEER REGARDING THE RELOCATION OF EXISTING SIGNS.

ALL WORK ON THIS SCHEDULE IS GOVERNED BY ARTICLE 107.25 EXCEPT WOOD POST.

REVISIONS	
NAME	DATE

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

MAINLINE EXISTING SIGN SCHEDULE
2 OF 2

SCALE: NONE
DATE: MARCH 1, 2006
DRAWN BY: AMB
CHECKED BY: TGB

REMOVAL SIGNING SCHEDULE

SIGN NO.	LOCATION	SIGN INFORMATION			REMOVAL		SIGN DESCRIPTION
		STATION	OFFSET	MOUNTING	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	REMOVE CONCRETE FOUNDATION - OVERHEAD	
1	SB I-57	133+63	OVERHEAD	TRUSS	1	2	EXIT 355 111TH ST 2 1/4 MILES, EXIT 357 ILLINOIS 1 HALSTED ST 1/2 MILE
2	SB I-57	147+88	42.3' RT			1	-
3	I-94 DAN RYAN EXPY	1224+87	10.7' RT			1	-
4	I-94 DAN RYAN EXPY	1262+20	10.7' RT			1	-
				TOTAL	1	5	

NOTES

OVERHEAD SIGN STRUCTURES (SPAN AND SIGN PANELS) THAT ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OFFSITE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 REMOVAL SIGNING SCHEDULE
 1 OF 1
 SCALE: NONE
 DATE: MARCH 1, 2006
 DRAWN BY: AMB
 CHECKED BY: TGB

PROPOSED OVERHEAD SIGN STRUCTURE - TRUSS SIGN SCHEDULE

LOCATION	STATION	SIGN				STRUCTURE TYPE	STRUCTURE LENGTH (FT)	DRILLED SHAFT CONC. FNDS (CY)	SIGN REMARKS
		TYPE	WIDTH, FT	HEIGHT, FT	AREA, SQ FT				
SB I-57	133+09	3	11.5	8.5	97.75	I-A	80	16	EXIT 355 111 ST 2 1/2 MILES
SB I-57	133+09	3	13.5	15	202.5				EXIT 357 ILLINOIS 1 HALSTED ST 1/2 MILE EXIT (ARROW) ONLY

PROPOSED GROUND-MOUNTED SIGN SCHEDULE

LOCATION	STATION	SIGN				SUPPORT			SIGN REMARKS
		TYPE	WIDTH, FT	HEIGHT, FT	AREA, SQ FT	TYPE	POST QUANTITY	POST LENGTH (FT)	
SB I-57	101+36	3	7.5	5	37.5	WOOD	2	34	EXIT 357 & ARROW
SB I-57	109+00					WOOD	1	17	EXISTING "ACCIDENT INVESTIGATION SITE & ARROW"
SB I-57	111+59	1	1	5	5	TELES. STEEL	1	14.83	D10-3A (357.5)
SB I-57	118+90	1	2.5	1.25	3.125	WOOD	1	16.25	M3-3(INTERSTATE)
		1	3	3	9				M1-1 (57)
SB I-57	125+00					WOOD	2	32	EXISTING "BEVERLY HILLS MORGAN PARK HISTORIC DIST. EXIT 357"
SB I-57	132+16	2	4	4	16	WOOD	1	17.66	W4-3R
SB I-57	133+55					WOOD	1	17	EXISTING "ACCIDENT INVESTIGATION SITE 1/2 MILE LEFT
SB I-57	133+90					WOOD	1	17	EXISTING "ACCIDENT INVESTIGATION SITE 1/2 MILE LEFT
SB I-57	138+00	1	1	5	5	TELES. STEEL	1	14.83	D10-3A (358.0)
EB I-57 TO I-94 CONNECTOR	415+00	2	4	4	16	WOOD	1	17.66	W4-2R
SB I-94 (BISHOP FORD)	1152+00	2	4	4	16	WOOD	1	17.66	W4-3R
SB I-94 (BISHOP FORD)	1145+35	2	4	5	20	WOOD	1	17	R2-1 (55 MPH)
SB I-94 (BISHOP FORD)	1140+60	1	1	4	4	TELES. STEEL	1	13.83	D10-2A (63.5)
SB I-94 (BISHOP FORD)	1132+20	1	2.5	1.25	3.125	WOOD	1	16.25	M3-2 (INTERSTATE)
		1	3	3	9				M1-1 (94)
SB I-57	141+15	3	6	5	30	WOOD	2	34	EXIT & ARROW
SB I-57	145+43	2	4	4	16	WOOD	1	17.66	W12-1
SB I-94 (DAN RYAN)	1220+76	3	6	5	30	WOOD	2	34	EXIT 62 & ARROW
SB I-94 (DAN RYAN)	1222+78	1	1	4	4	TELES. STEEL	1	13.83	D10-2A (62.5)
SB I-94 (DAN RYAN)	1229+29	3	6.5	6	39	WOOD	2	38	CHICAGO STATE UNIVERSITY EXIT 62
SB I-94 (DAN RYAN)	1249+48	1	1	4	4	TELES. STEEL	1	13.83	D10-2A (62.0)
SB I-94 (DAN RYAN)	1250+00	2	4	4	16	WOOD	1	17.66	W4-1R
SB I-94 (DAN RYAN)	1270+49	3	7.5	5	37.5	WOOD	2	34	EXIT 61B & ARROW
SB I-94 (DAN RYAN)	1275+58	1	1	4	4	TELES. STEEL	1	13.83	D10-2A (61.5)
SB I-94 (DAN RYAN)	1302+00	1	1	4	4	TUBULAR POST	1	8	D10-2A (61.0)

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

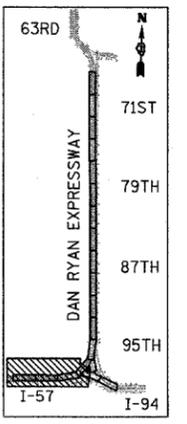
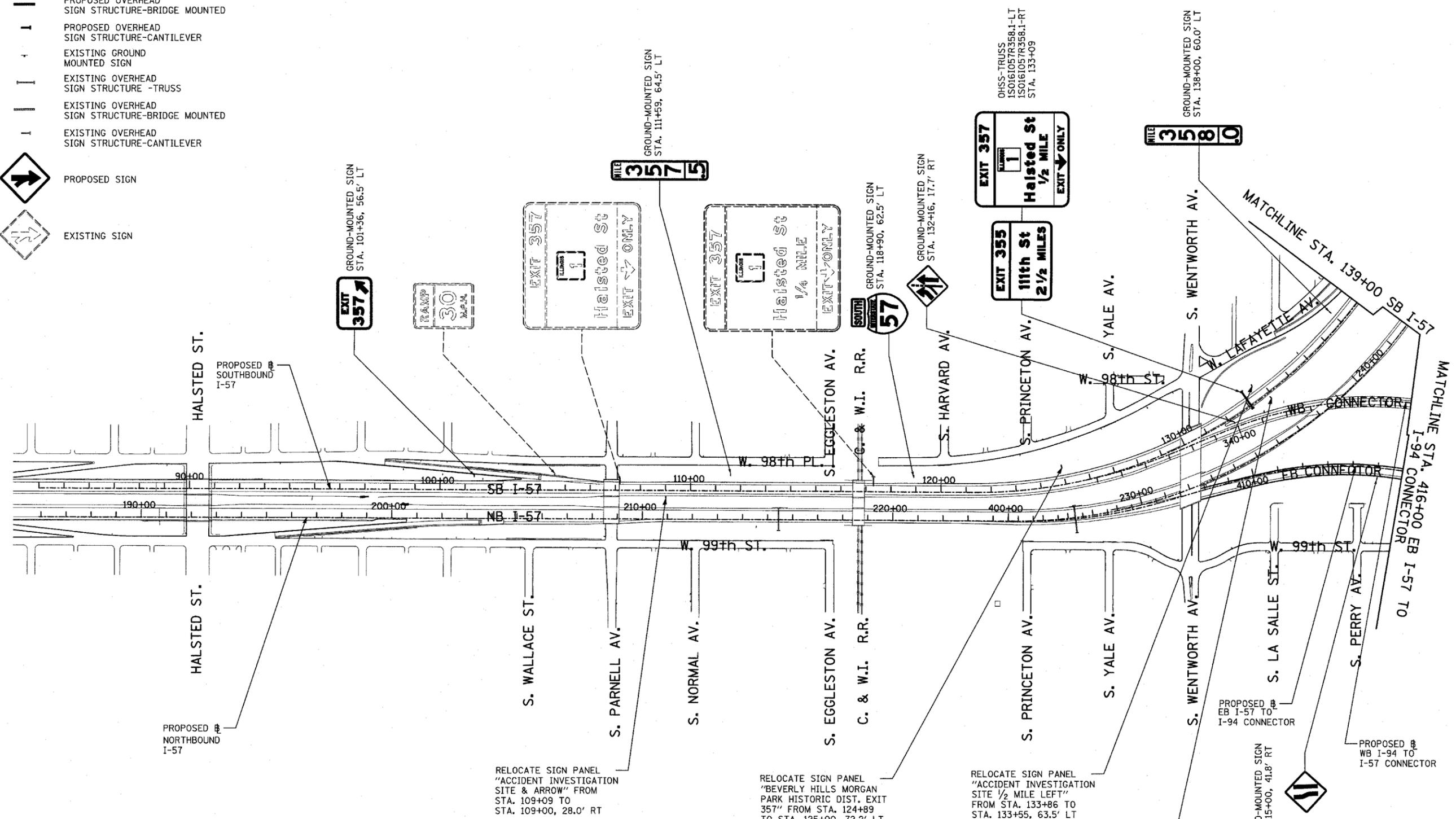
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

PROPOSED SIGNING SCHEDULE
SHEET 1 OF 1

SCALE: NONE
DATE: MARCH 1, 2006
DRAWN BY: AMB
CHECKED BY: TGB

SIGNING LEGEND:

-  PROPOSED GROUND MOUNTED SIGN
-  PROPOSED OVERHEAD SIGN STRUCTURE -TRUSS
-  PROPOSED OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED
-  PROPOSED OVERHEAD SIGN STRUCTURE-CANTILEVER
-  EXISTING GROUND MOUNTED SIGN
-  EXISTING OVERHEAD SIGN STRUCTURE -TRUSS
-  EXISTING OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED
-  EXISTING OVERHEAD SIGN STRUCTURE-CANTILEVER
-  PROPOSED SIGN
-  EXISTING SIGN

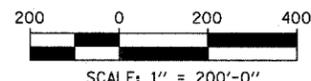


RELOCATE SIGN PANEL "ACCIDENT INVESTIGATION SITE & ARROW" FROM STA. 109+09 TO STA. 109+00, 28.0' RT

RELOCATE SIGN PANEL "BEVERLY HILLS MORGAN PARK HISTORIC DIST. EXIT 357" FROM STA. 124+89 TO STA. 125+00, 72.2' LT

RELOCATE SIGN PANEL "ACCIDENT INVESTIGATION SITE 1/2 MILE LEFT" FROM STA. 133+86 TO STA. 133+55, 63.5' LT

RELOCATE SIGN PANEL "ACCIDENT INVESTIGATION SITE 1/2 MILE LEFT" FROM STA. 135+64 TO STA. 133+90, 20.0' RT



REVISIONS	
NAME	DATE

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

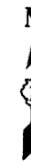
PROPOSED SIGNING
STA. 94+00 TO STA 138+00
SHEET 1 OF 5

SCALE: 1" = 200'
DATE: MARCH 1, 2006

DRAWN BY: AMB
CHECKED BY: TGB

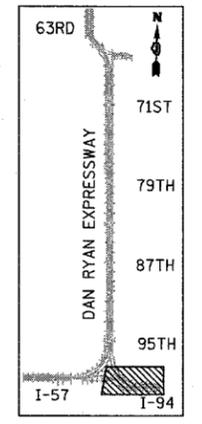
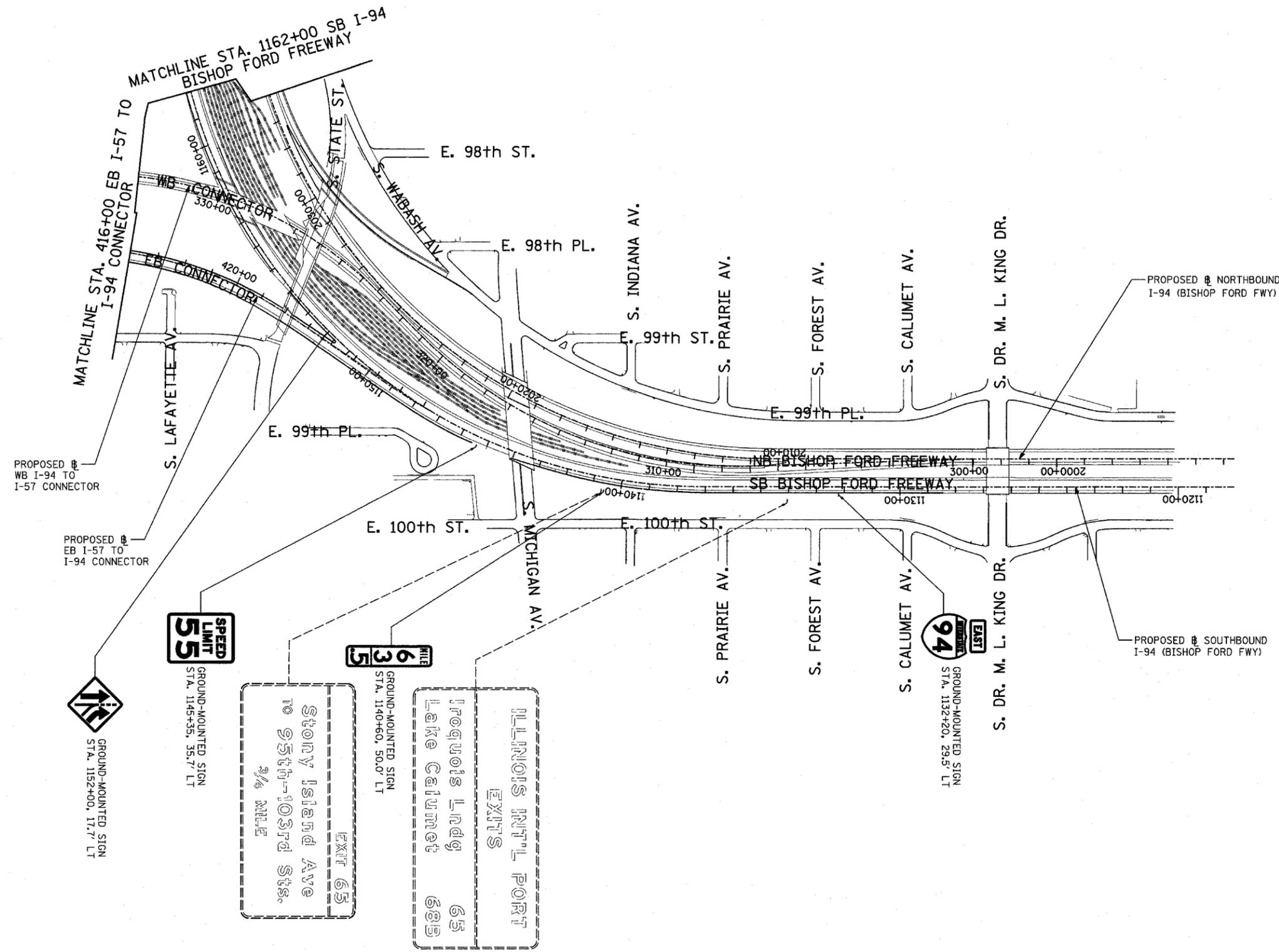
TYLININTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	491
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
(1516.1, 1717, & 1818) R-5				
				62593



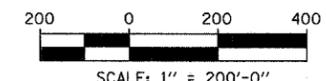
SIGNING LEGEND:

-  PROPOSED GROUND MOUNTED SIGN
-  PROPOSED OVERHEAD SIGN STRUCTURE - TRUSS
-  PROPOSED OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED
-  PROPOSED OVERHEAD SIGN STRUCTURE - CANTILEVER
-  EXISTING GROUND MOUNTED SIGN
-  EXISTING OVERHEAD SIGN STRUCTURE - TRUSS
-  EXISTING OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED
-  EXISTING OVERHEAD SIGN STRUCTURE - CANTILEVER
-  PROPOSED SIGN
-  EXISTING SIGN



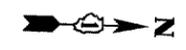
LOCATION MAP

TYLIN INTERNATIONAL



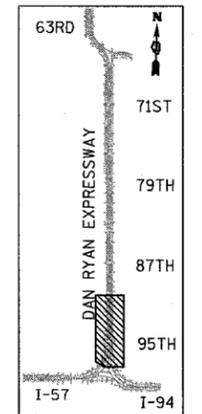
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PROPOSED SIGNING
 STA. 1120+00 TO STA. 1162+00
 SHEET 2 OF 5
 SCALE: 1" = 200'
 DATE: MARCH 1, 2006
 DRAWN BY: AMB
 CHECKED BY: TGB

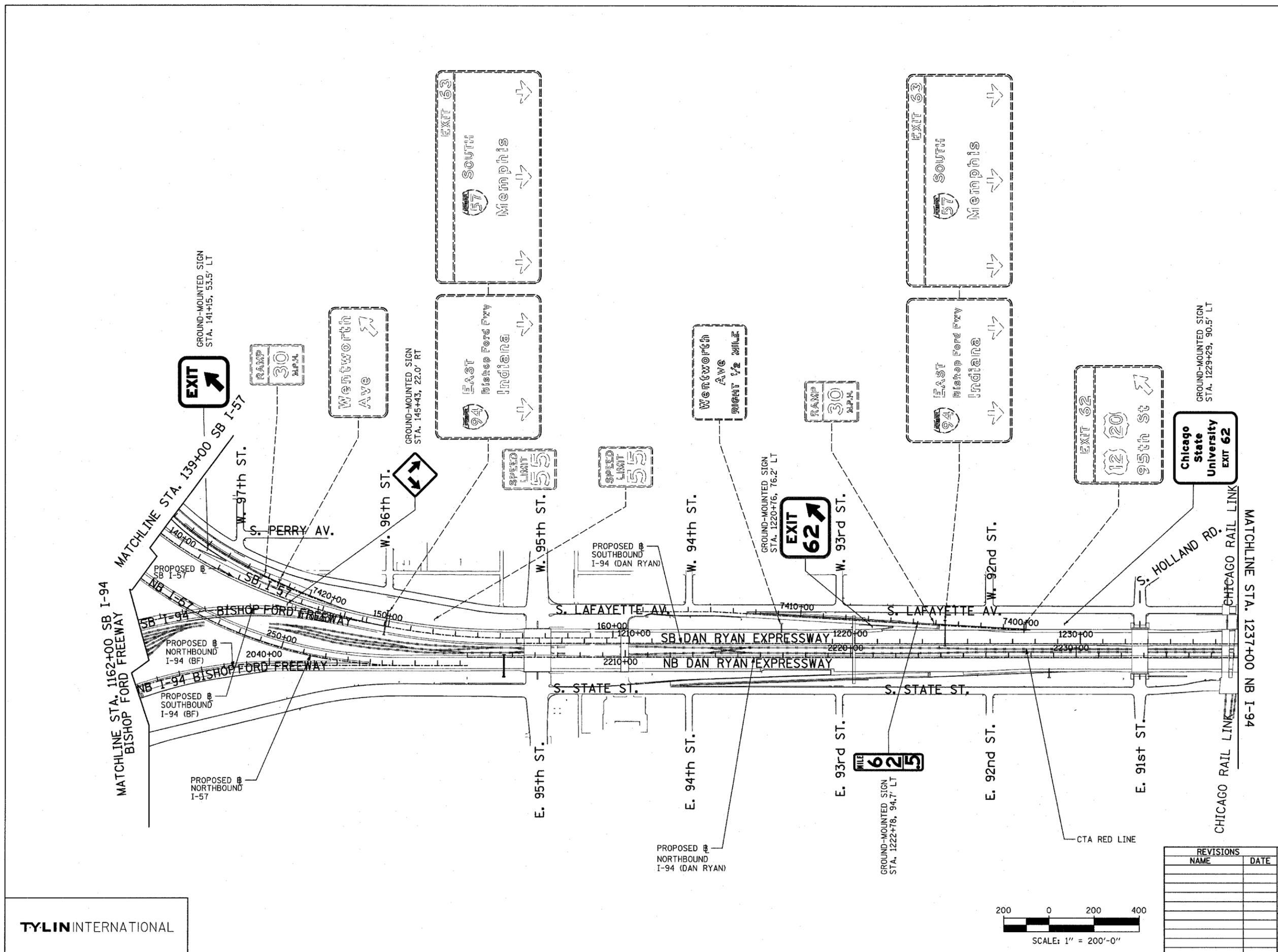


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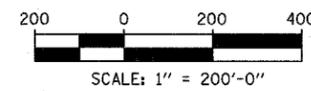
- PROPOSED GROUND MOUNTED SIGN
- PROPOSED OVERHEAD SIGN STRUCTURE - TRUSS
- PROPOSED OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED
- PROPOSED OVERHEAD SIGN STRUCTURE - CANTILEVER
- EXISTING GROUND MOUNTED SIGN
- EXISTING OVERHEAD SIGN STRUCTURE - TRUSS
- EXISTING OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED
- EXISTING OVERHEAD SIGN STRUCTURE - CANTILEVER
- PROPOSED SIGN
- EXISTING SIGN



LOCATION MAP



TYLIN INTERNATIONAL



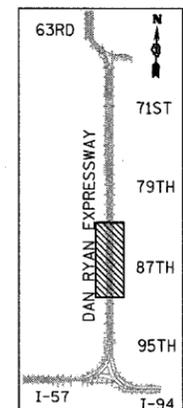
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 PROPOSED SIGNING
 STA. 1162+00 (NB I-94 BISHOP FORD FREEWAY)
 TO STA. 1237+00 (NB I-94 DAN RYAN EXPRESSWAY)
 SHEET 3 OF 5
 SCALE: 1" = 200'
 DATE: MARCH 1, 2006
 DRAWN BY: AMB
 CHECKED BY: TGB

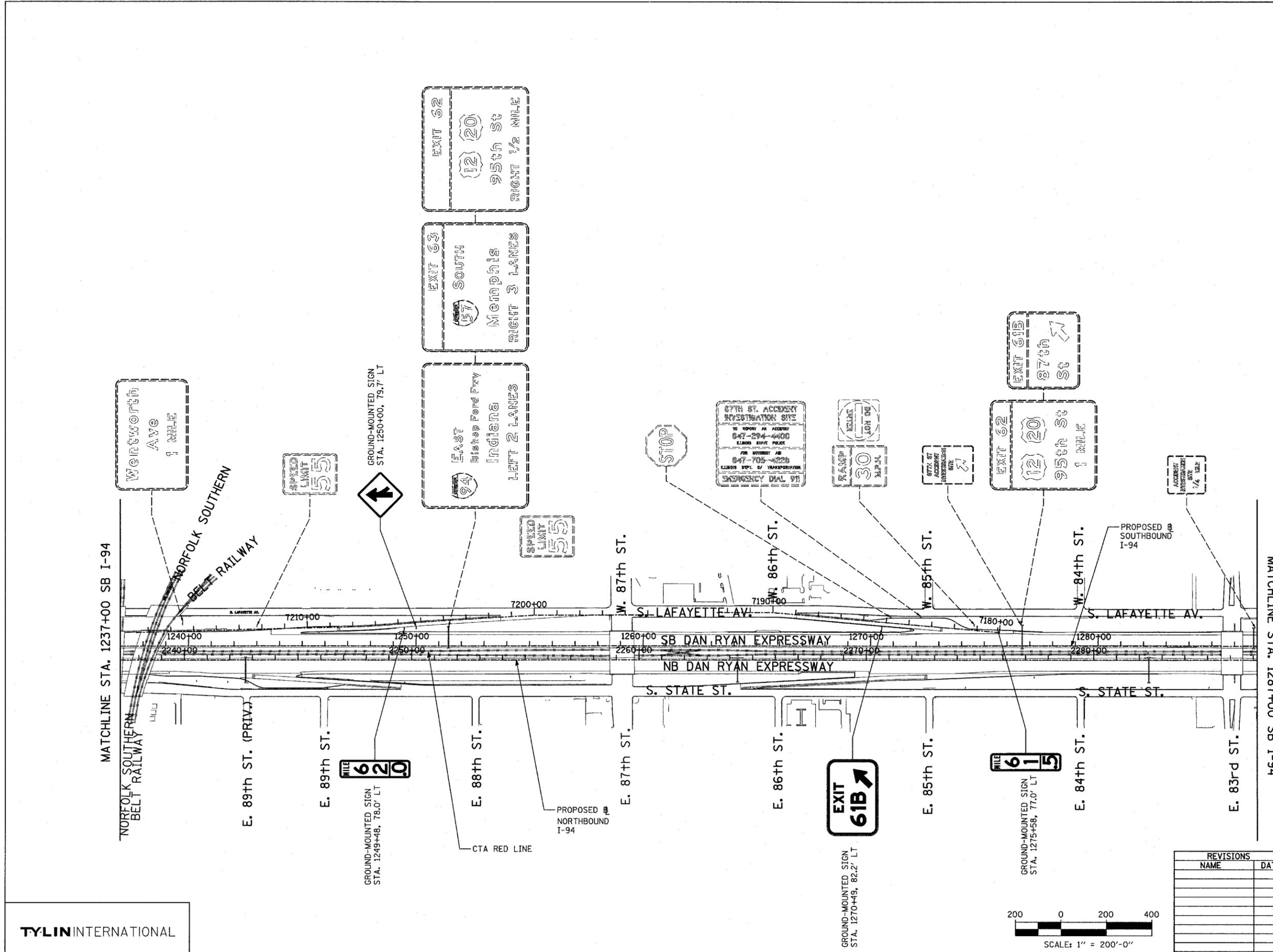


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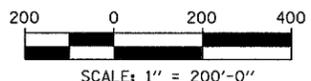
- PROPOSED GROUND MOUNTED SIGN
- PROPOSED OVERHEAD SIGN STRUCTURE - TRUSS
- PROPOSED OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED
- PROPOSED OVERHEAD SIGN STRUCTURE - CANTILEVER
- EXISTING GROUND MOUNTED SIGN
- EXISTING OVERHEAD SIGN STRUCTURE - TRUSS
- EXISTING OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED
- EXISTING OVERHEAD SIGN STRUCTURE - CANTILEVER
- PROPOSED SIGN
- EXISTING SIGN



LOCATION MAP



TYLIN INTERNATIONAL



REVISIONS	
NAME	DATE

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

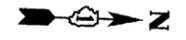
PROPOSED SIGNING
 STA. 1237+00 TO STA 1287+00
 SHEET 4 OF 5

SCALE: 1" = 200'
 DATE: MARCH 1, 2006

DRAWN BY: AMB
 CHECKED BY: TGB

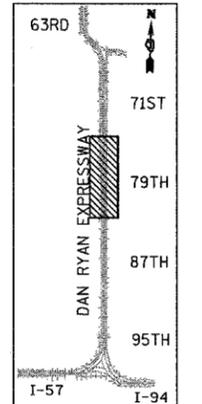
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	764	494
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-5				

62593

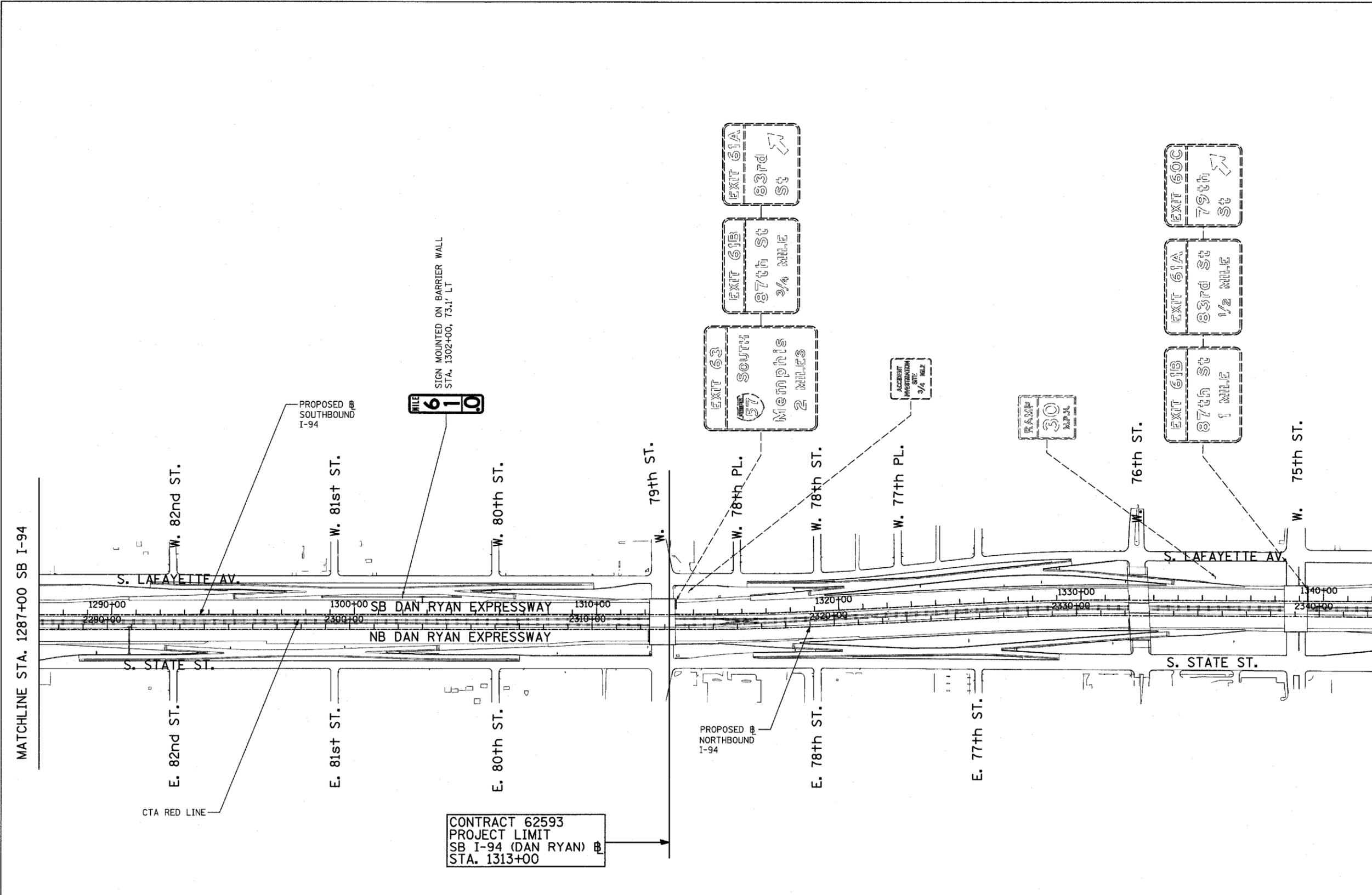


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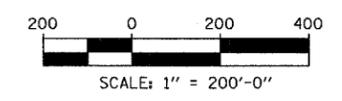
- PROPOSED GROUND MOUNTED SIGN
- PROPOSED OVERHEAD SIGN STRUCTURE - TRUSS
- PROPOSED OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED
- PROPOSED OVERHEAD SIGN STRUCTURE-CANTILEVER
- EXISTING GROUND MOUNTED SIGN
- EXISTING OVERHEAD SIGN STRUCTURE - TRUSS
- EXISTING OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED
- EXISTING OVERHEAD SIGN STRUCTURE-CANTILEVER
- PROPOSED SIGN
- EXISTING SIGN



LOCATION MAP



TYLIN INTERNATIONAL



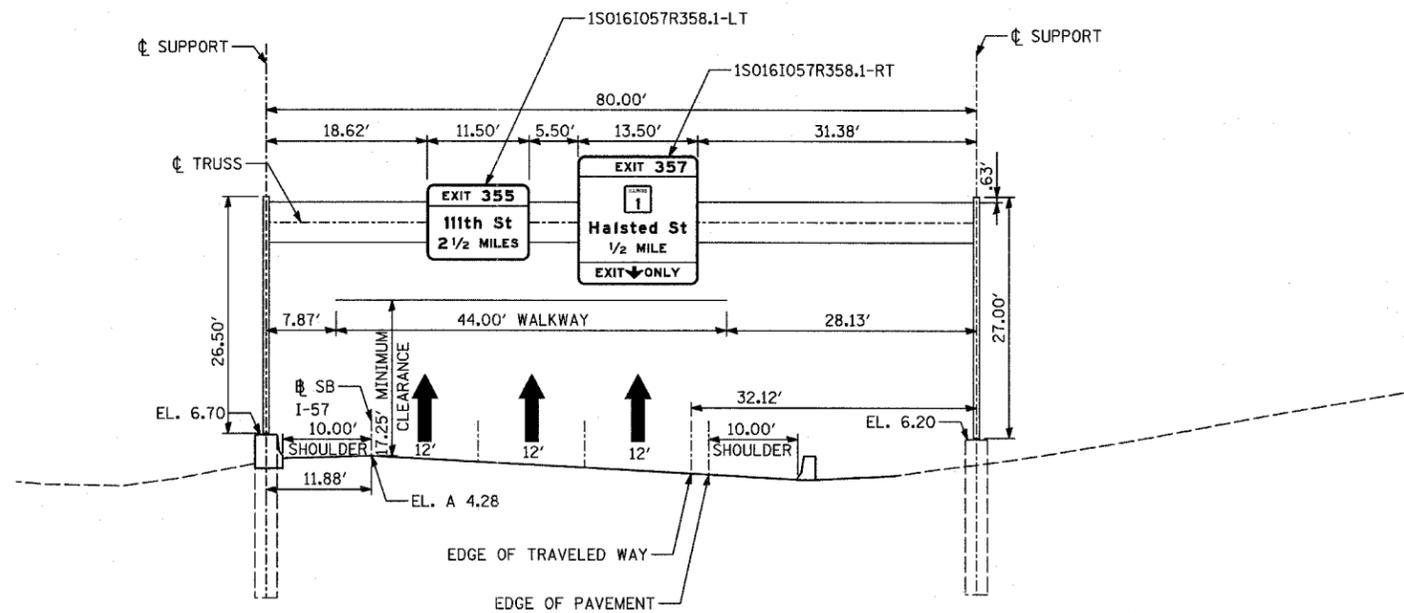
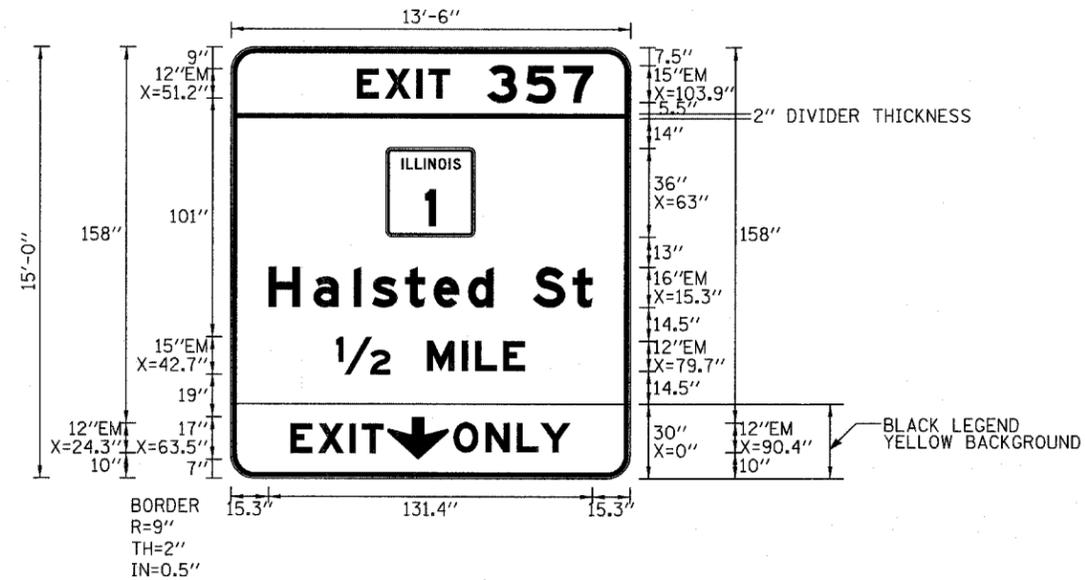
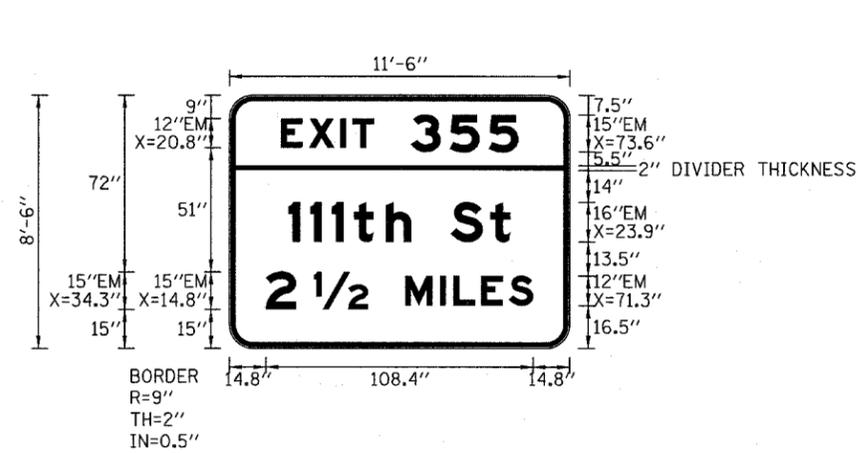
REVISIONS	
NAME	DATE

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

PROPOSED SIGNING
 STA. 1287+00 TO STA 1342+00
 SHEET 5 OF 5

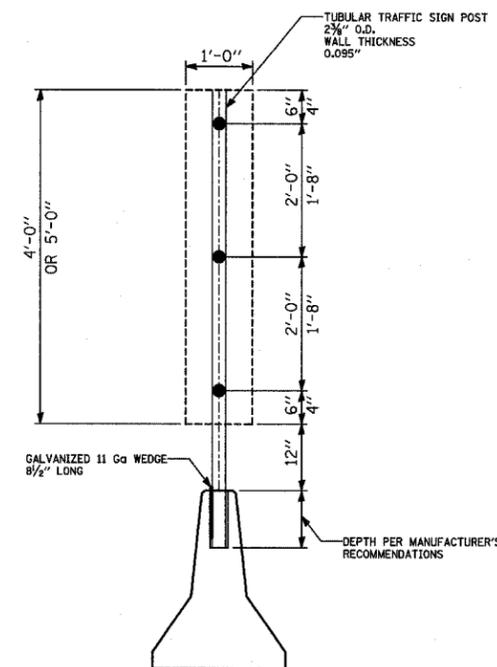
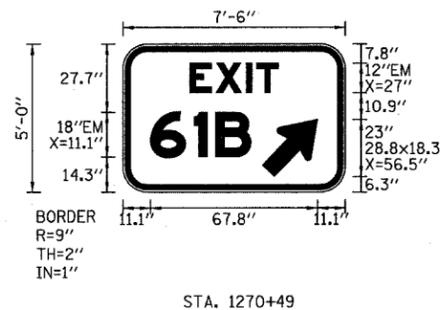
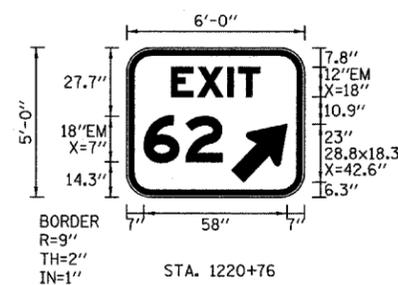
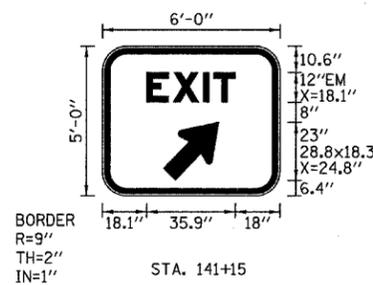
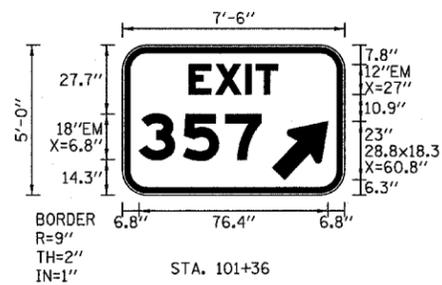
SCALE: 1" = 200'
 DATE: MARCH 1, 2006

DRAWN BY: AMB
 CHECKED BY: TGB



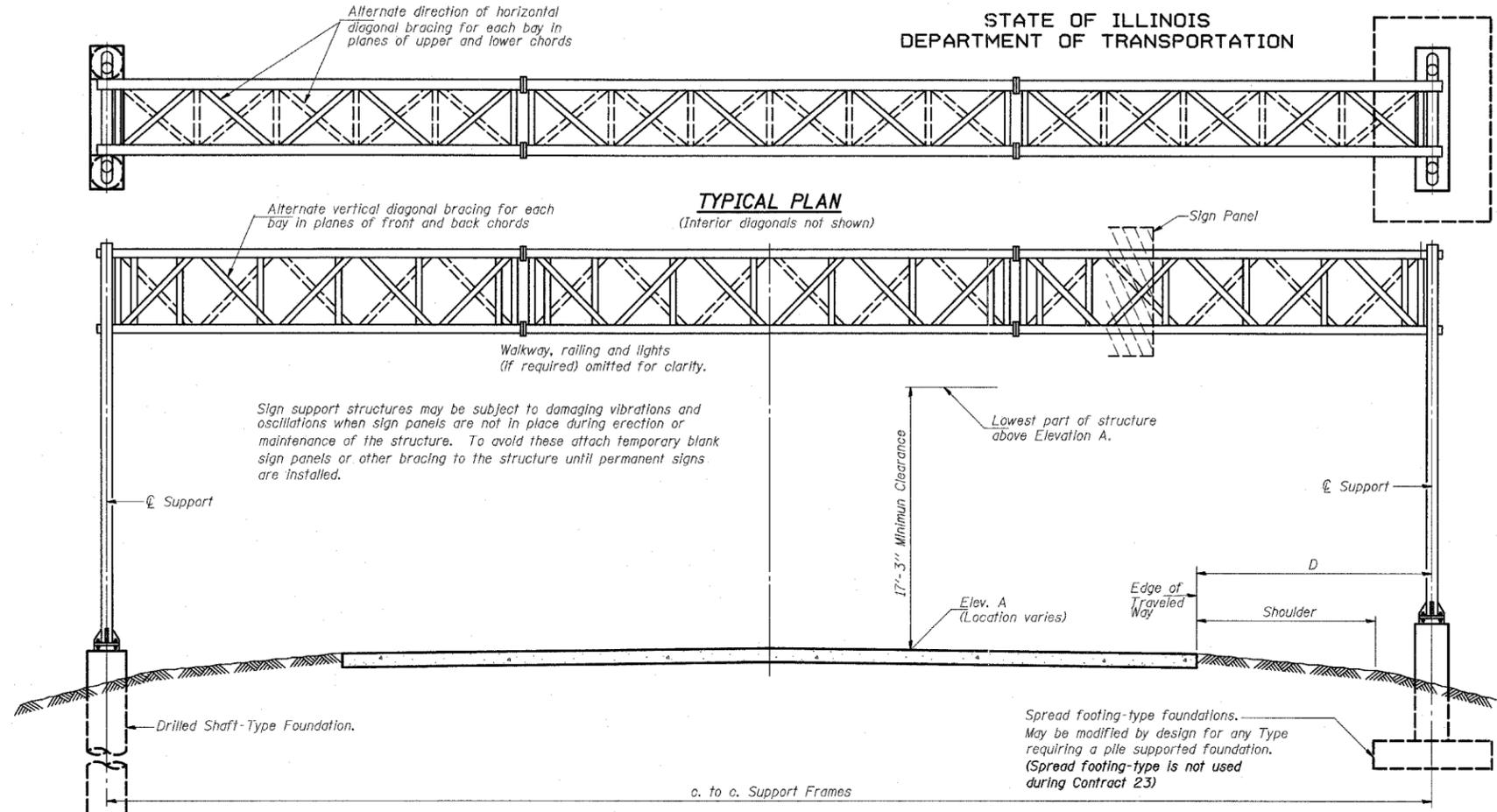
STA. 133+09 SB I-57
LOOKING SOUTH
IS016I057R358.1

REVISIONS	
NAME	DATE



**MILE-POST MARKERS
SIGN PANEL MOUNTING TO
BARRIER WALL
DETAIL**
(SEE PROPOSED SIGNING
SCHEDULE FOR LOCATIONS)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY
WIND LOADING: 30 p.s.f. normal to Sign Panel Area and truss elements not behind sign Loading Diagram.
WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
f' = 3,500 p.s.i.
fy = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i., or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.
All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.
The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04(f) of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to AASHTO M314 Gr. 36 or 55 with a minimum Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F.

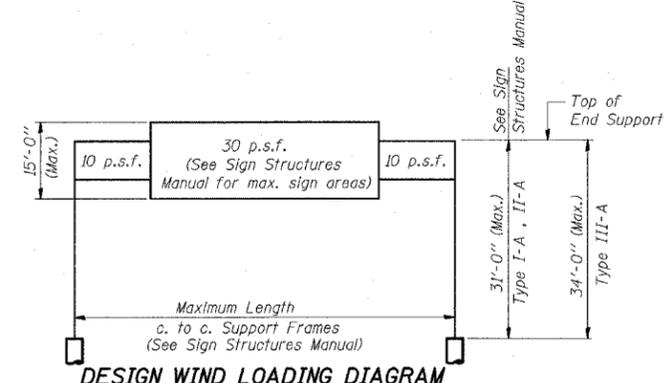
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Bridge Seal Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

*If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

TYPICAL ELEVATION
(Looking at Face of Signs)**

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
IS0161057R358.1	133+09	I-A	80'	4.28	32.13'	15'	300.25 ft ²



DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

DESIGNED	20
CHECKED	ENGINEER OF STRUCTURAL SERVICES
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

OS-A-1 11/1/2002

**Looking upstation for structures with signs both sides.

TOTAL BILL OF MATERIAL

NUMBER	REVISION	DATE

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE TYPE I-A (4'-0" x 4'-6")	Foot	80
OVERHEAD SIGN STRUCTURE TYPE II-A (4'-6" x 5'-3")	Foot	0
OVERHEAD SIGN STRUCTURE TYPE III-A (5'-0" x 7'-0")	Foot	0
OVERHEAD SIGN WALKWAY TYPE A****	Foot	44
CONCRETE FOUNDATIONS	Cu. Yds.	-
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	16.00

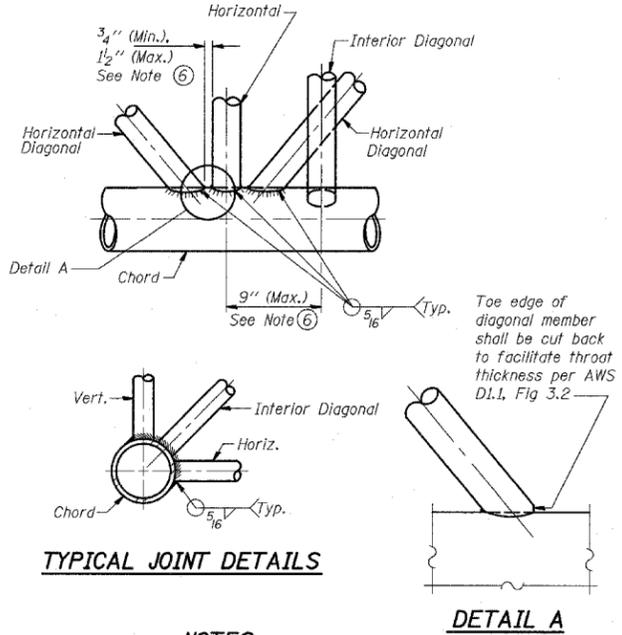
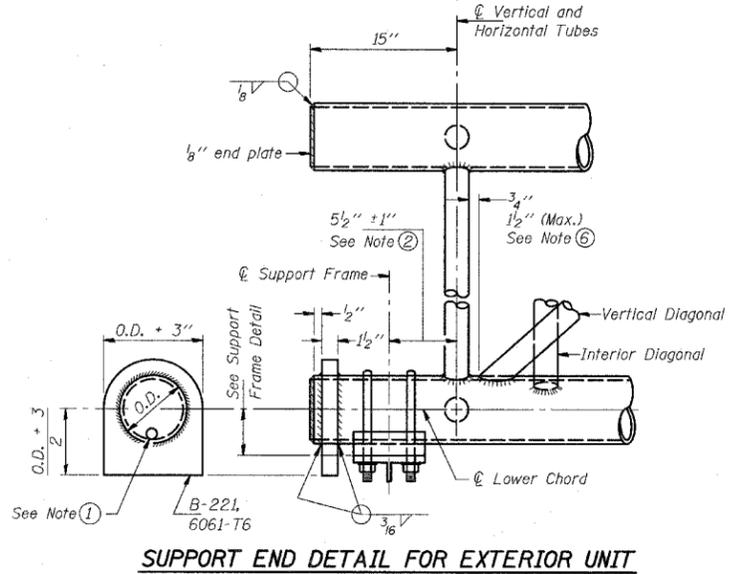
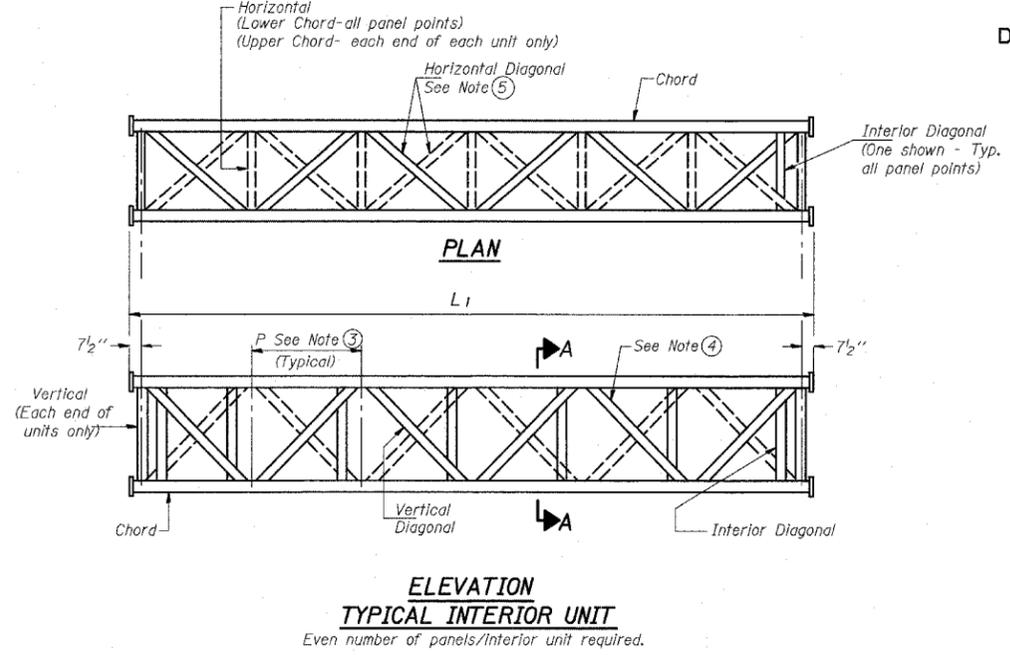
****Paid for as Overhead Sign Structure Walkway

REVISIONS	
NAME	DATE

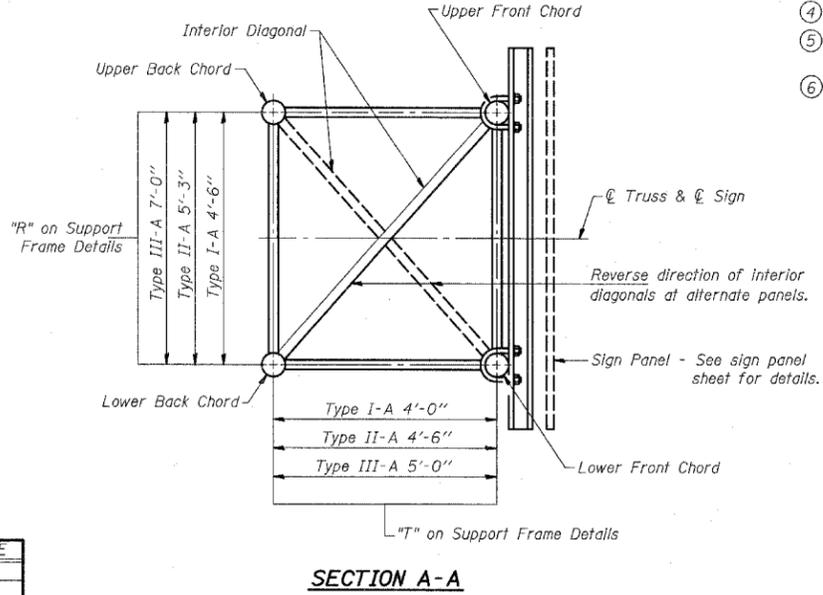
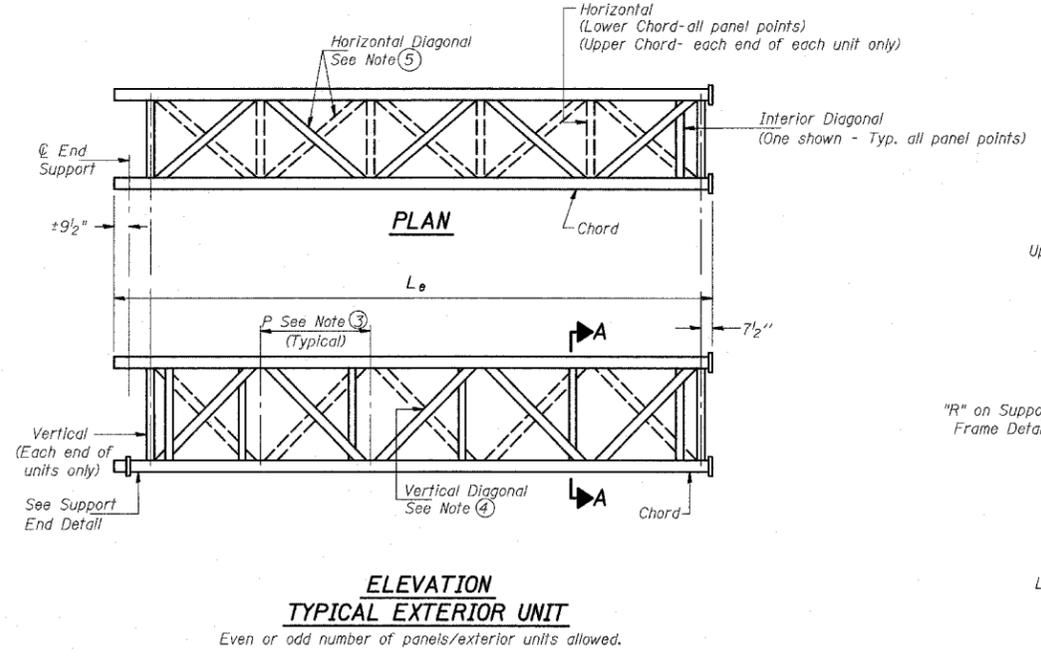
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
OVERHEAD SIGN STRUCTURES
GENERAL PLAN & ELEVATIONS
ALUMINUM TRUSS & STEEL POST

SCALE: AS NOTED
DATE: MARCH 1, 2006
DRAWN BY: AMB
CHECKED BY: TB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



- NOTES**
- Contractor may alternatively use standard aluminum drive-fit cap to close end. $\frac{1}{2}$ " ϕ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
 - $5\frac{1}{2}$ " end dimension may vary by ± 1 " to provide uniform panel spacing (P).
 - Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
 - Vertical Diagonals in front and back face shall alternate.
 - Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
 - All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a $\frac{3}{4}$ " minimum to $1\frac{1}{2}$ " maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.



DESIGNED	
CHECKED	
DRAWN	
CHECKED	

20	
EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

OS-A-2 11/1/2002

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

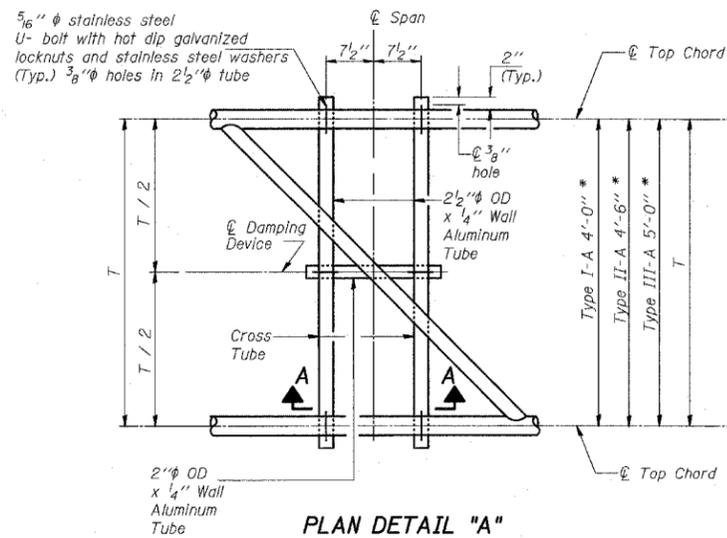
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
OVERHEAD SIGN STRUCTURES
ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A AND III-A

SCALE: AS NOTED
DATE: MARCH 1, 2006

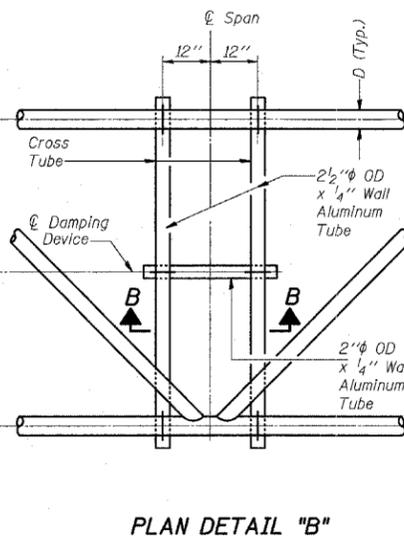
DRAWN BY: AMB
CHECKED BY: TB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

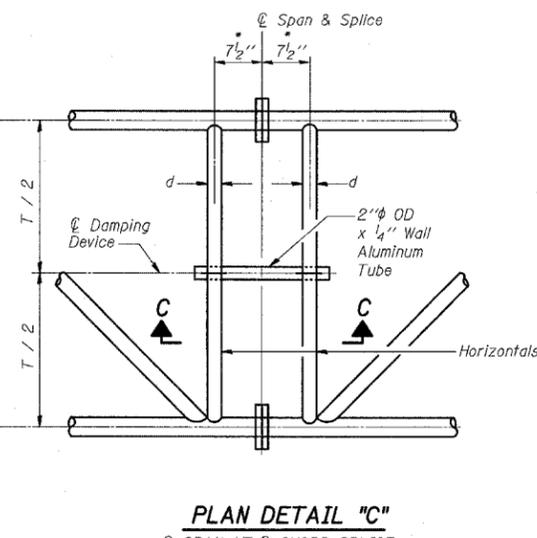
* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.



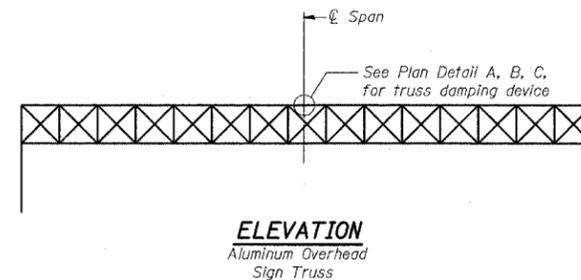
PLAN DETAIL "A"
SPAN BETWEEN PANEL POINTS



PLAN DETAIL "B"
SPAN AT PANEL POINT



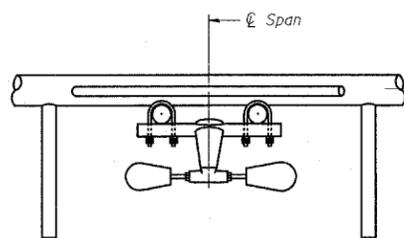
PLAN DETAIL "C"
SPAN AT CHORD SPLICE



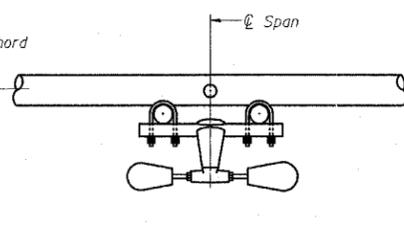
ELEVATION
Aluminum Overhead Sign Truss

NOTES

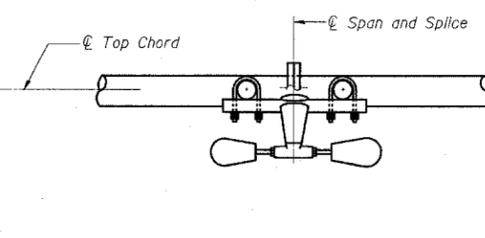
Damper: One damper per truss.
(31 lbs. Stockbridge-Type Aluminum)
Cost Included in "Overhead Sign Structure..."
Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in "Overhead Sign Structure..."



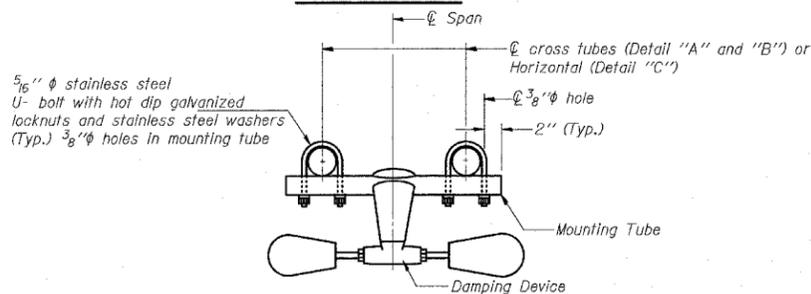
SECTION A-A



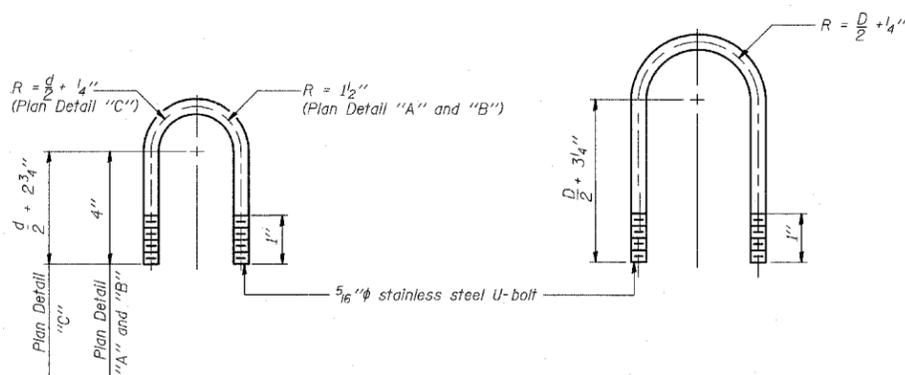
SECTION B-B



SECTION C-C



TRUSS DAMPING DEVICE CONNECTION DETAIL
(Typical)



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)

TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical - Detail "A" and "B")

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

OS-A-D 11/1/2002

EXAMINED	20
PASSED	ENGINEER OF STRUCTURAL SERVICES
	ENGINEER OF BRIDGES AND STRUCTURES

REVISIONS	
NAME	DATE

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

OVERHEAD SIGN STRUCTURES
DAMPING DEVICE

SCALE: AS NOTED
DATE: MARCH 1, 2006
DRAWN BY: AMB
CHECKED BY: TB