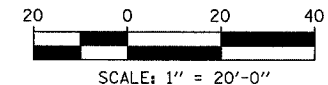


LOCATION MAP



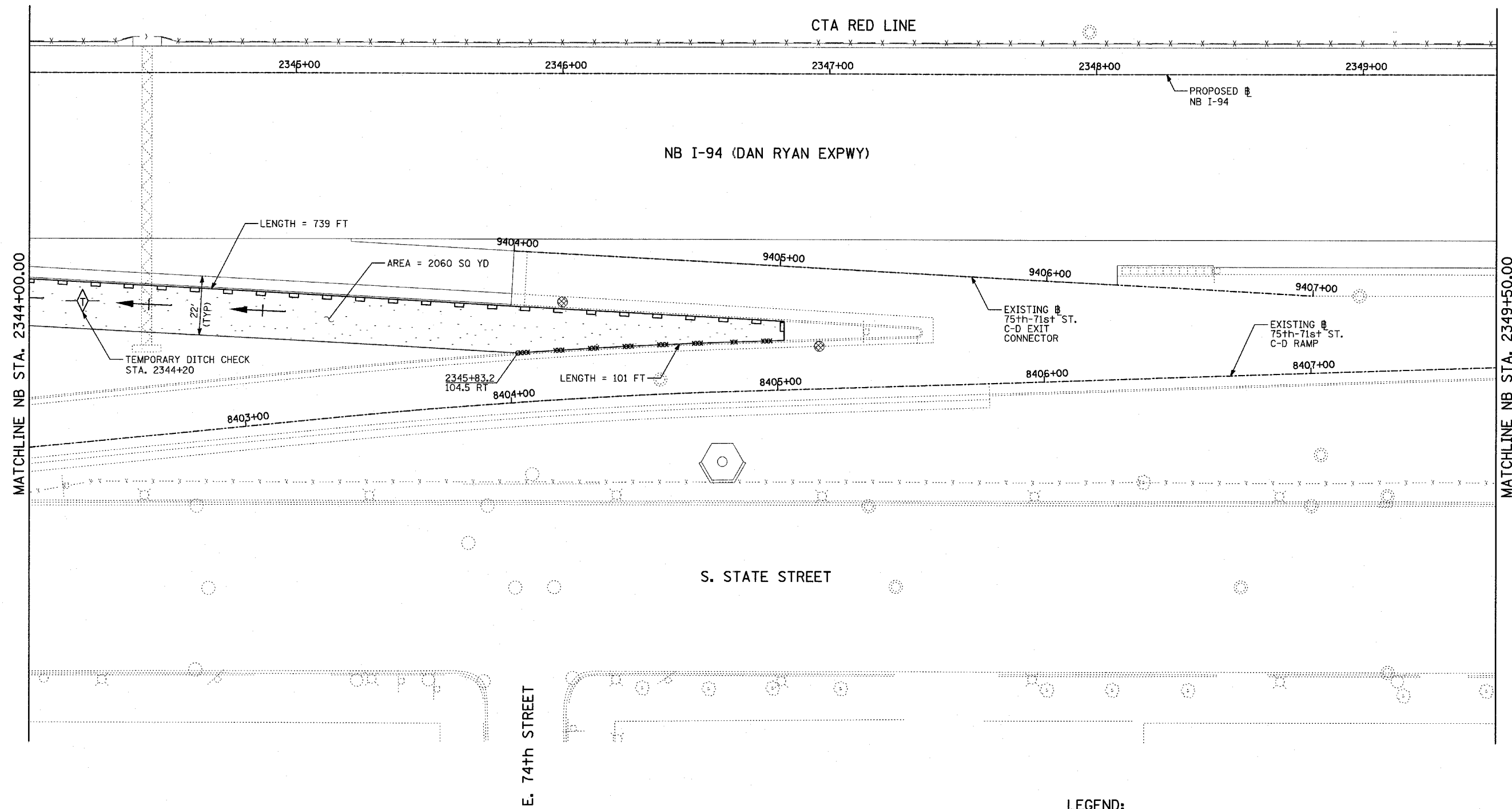
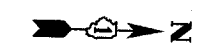
- LEGEND:**
- TEMPORARY EROSION CONTROL SEEDING
  - SEDIMENT CONTROL, SILT FENCE
  - INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
  - TEMPORARY FENCE
  - TEMPORARY DITCH CHECK
  - PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
  - EXISTING DRAINAGE SWALE
  - TEMPORARY FENCE FOR TREE PROTECTION (15 FEET PER SIDE = 60 FEET TOTAL)

TOTAL NUMBER OF INLET FILTERS THIS SHEET: 0  
 TOTAL NUMBER OF TEMPORARY DITCH CHECKS THIS SHEET: 2  
 TOTAL NUMBER OF TREES TO BE PROTECTED THIS SHEET: 0

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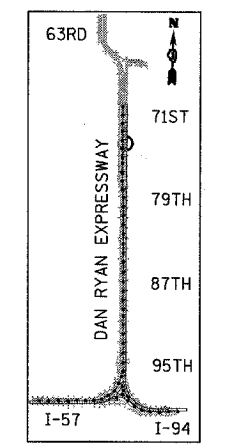
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EROSION CONTROL PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2338+50.00 TO 2344+00.00  
 (SHEET 6 OF 11)  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: JPA

**TYLIN** INTERNATIONAL

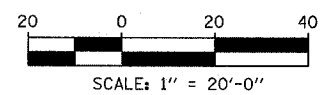


MATCHLINE NB STA. 2349+50.00

MATCHLINE NB STA. 2344+00.00



LOCATION MAP



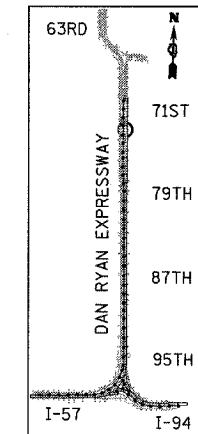
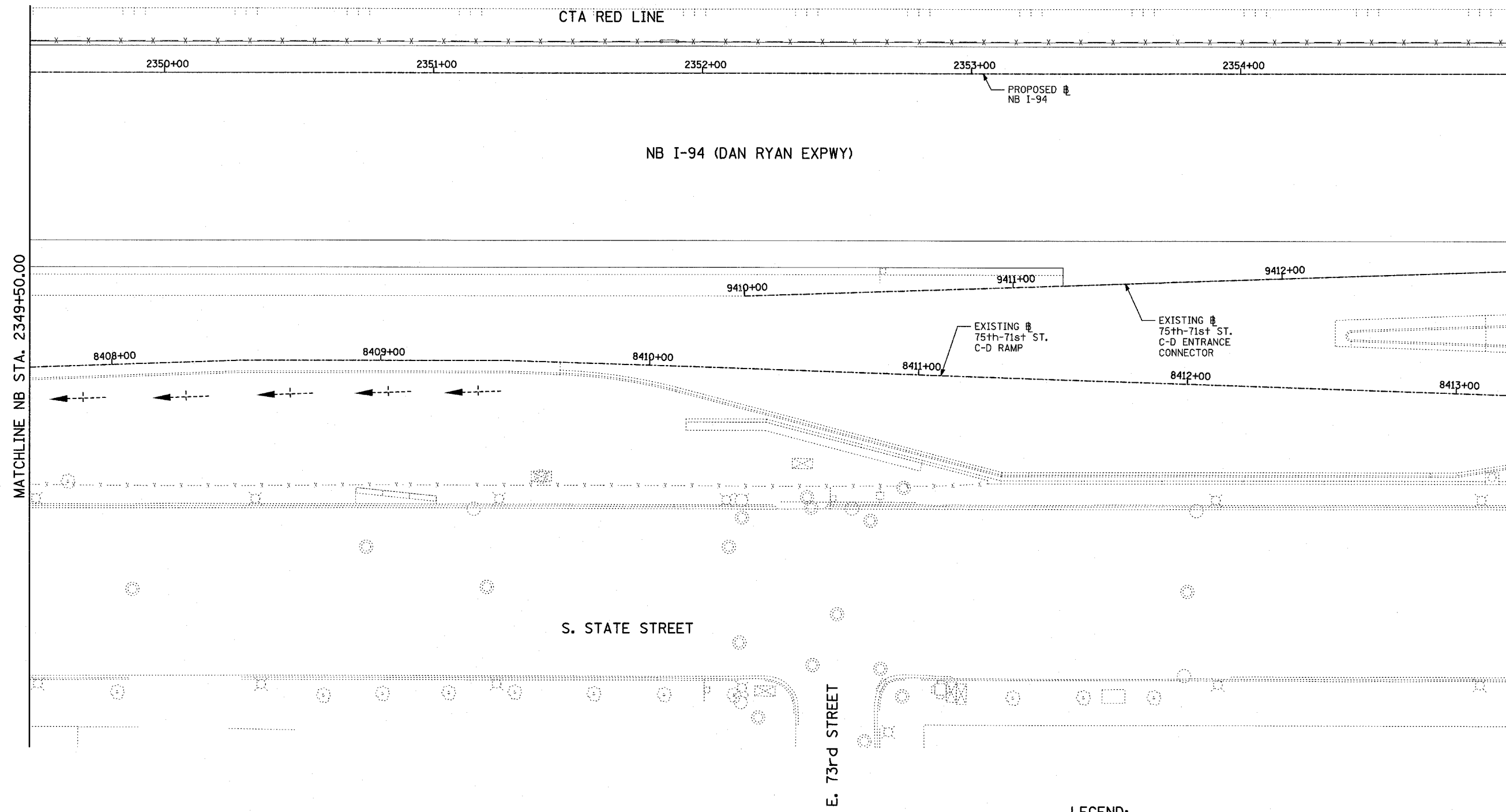
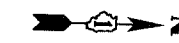
- LEGEND:**
- TEMPORARY EROSION CONTROL SEEDING
  - SEDIMENT CONTROL, SILT FENCE
  - INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
  - TEMPORARY FENCE
  - TEMPORARY DITCH CHECK
  - PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
  - EXISTING DRAINAGE SWALE
  - TEMPORARY FENCE FOR TREE PROTECTION (15 FEET PER SIDE = 60 FEET TOTAL)

TOTAL NUMBER OF INLET FILTERS THIS SHEET: 2  
 TOTAL NUMBER OF TEMPORARY DITCH CHECKS THIS SHEET: 1  
 TOTAL NUMBER OF TREES TO BE PROTECTED THIS SHEET: 0

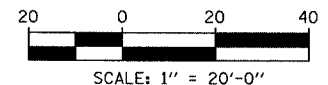
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EROSION CONTROL PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2344+00.00 TO 2349+50.00  
 (SHEET 7 OF 11)  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

**TYLIN**INTERNATIONAL



LOCATION MAP



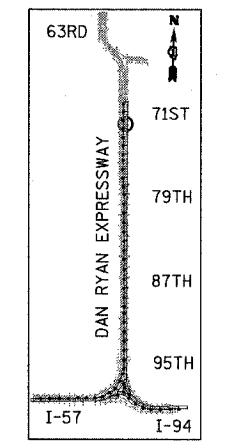
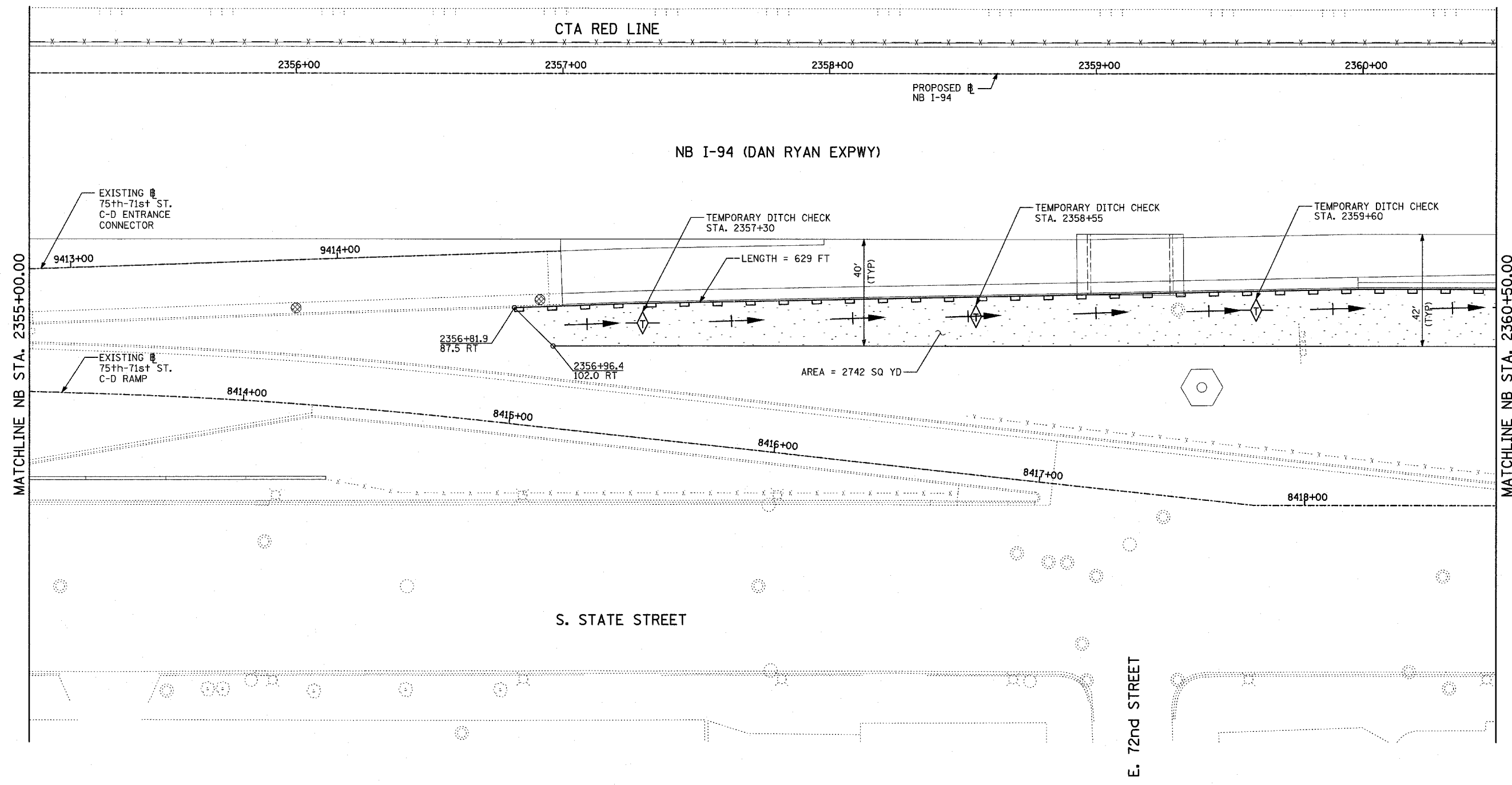
- LEGEND:**
- TEMPORARY EROSION CONTROL SEEDING
  - SEDIMENT CONTROL, SILT FENCE
  - INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
  - TEMPORARY FENCE
  - TEMPORARY DITCH CHECK
  - PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
  - EXISTING DRAINAGE SWALE
  - TEMPORARY FENCE FOR TREE PROTECTION (15 FEET PER SIDE = 60 FEET TOTAL)

TOTAL NUMBER OF INLET FILTERS THIS SHEET: 0  
 TOTAL NUMBER OF TEMPORARY DITCH CHECKS THIS SHEET: 0  
 TOTAL NUMBER OF TREES TO BE PROTECTED THIS SHEET: 0

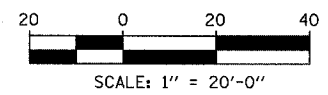
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EROSION CONTROL PLAN**  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2349+50.00 TO 2355+00.00  
 (SHEET 8 OF 11)  
 SCALE: 1"=20' DRAWN BY: JUS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA





LOCATION MAP



**LEGEND:**

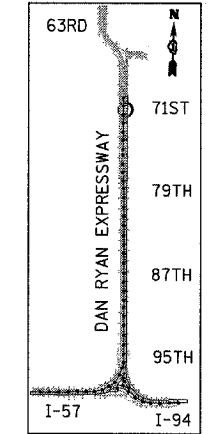
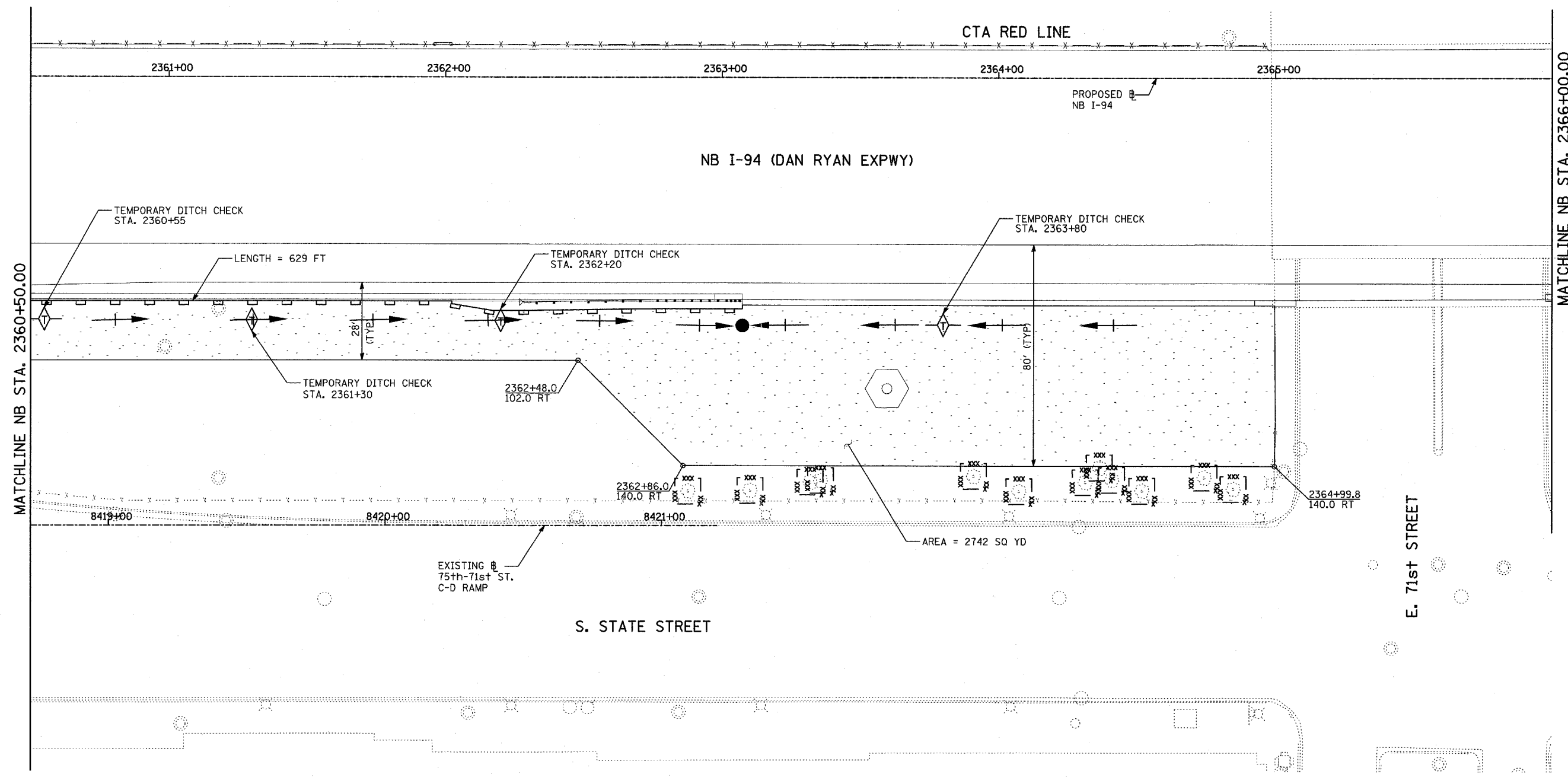
- TEMPORARY EROSION CONTROL SEEDING
- SEDIMENT CONTROL, SILT FENCE
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
- TEMPORARY FENCE
- TEMPORARY DITCH CHECK
- PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
- EXISTING DRAINAGE SWALE
- TEMPORARY FENCE FOR TREE PROTECTION (15 FEET PER SIDE = 60 FEET TOTAL)

TOTAL NUMBER OF INLET FILTERS THIS SHEET: 2  
 TOTAL NUMBER OF TEMPORARY DITCH CHECKS THIS SHEET: 3  
 TOTAL NUMBER OF TREES TO BE PROTECTED THIS SHEET: 0

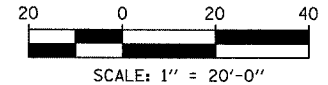
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EROSION CONTROL PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2355+00.00 TO 2360+50.00  
 (SHEET 9 OF 11)  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: JPA

**TYLIN** INTERNATIONAL



LOCATION MAP



**LEGEND:**

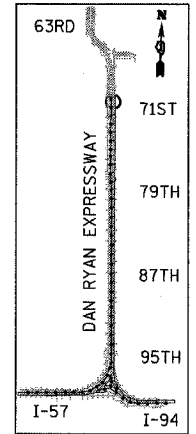
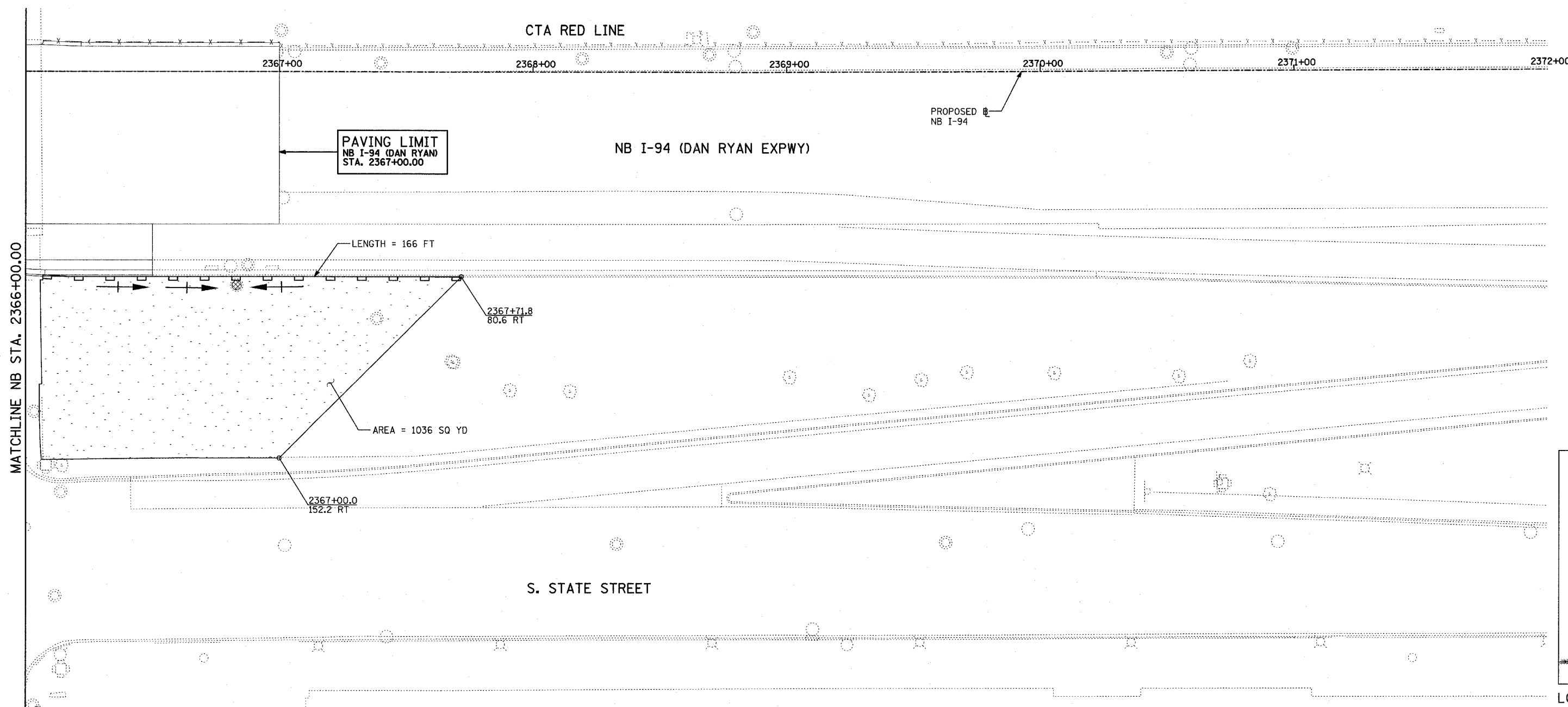
- TEMPORARY EROSION CONTROL SEEDING
- SEDIMENT CONTROL, SILT FENCE
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
- TEMPORARY FENCE
- TEMPORARY DITCH CHECK
- PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
- EXISTING DRAINAGE SWALE
- TEMPORARY FENCE FOR TREE PROTECTION (15 FEET PER SIDE = 60 FEET TOTAL)

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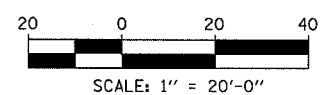
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EROSION CONTROL PLAN**  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2360+50.00 TO 2366+00.00  
 (SHEET 10 OF 11)  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

**TYLIN** INTERNATIONAL

TOTAL NUMBER OF INLET FILTERS THIS SHEET: 0  
 TOTAL NUMBER OF TEMPORARY DITCH CHECKS THIS SHEET: 4  
 TOTAL NUMBER OF TREES TO BE PROTECTED THIS SHEET: 12



LOCATION MAP



**LEGEND:**

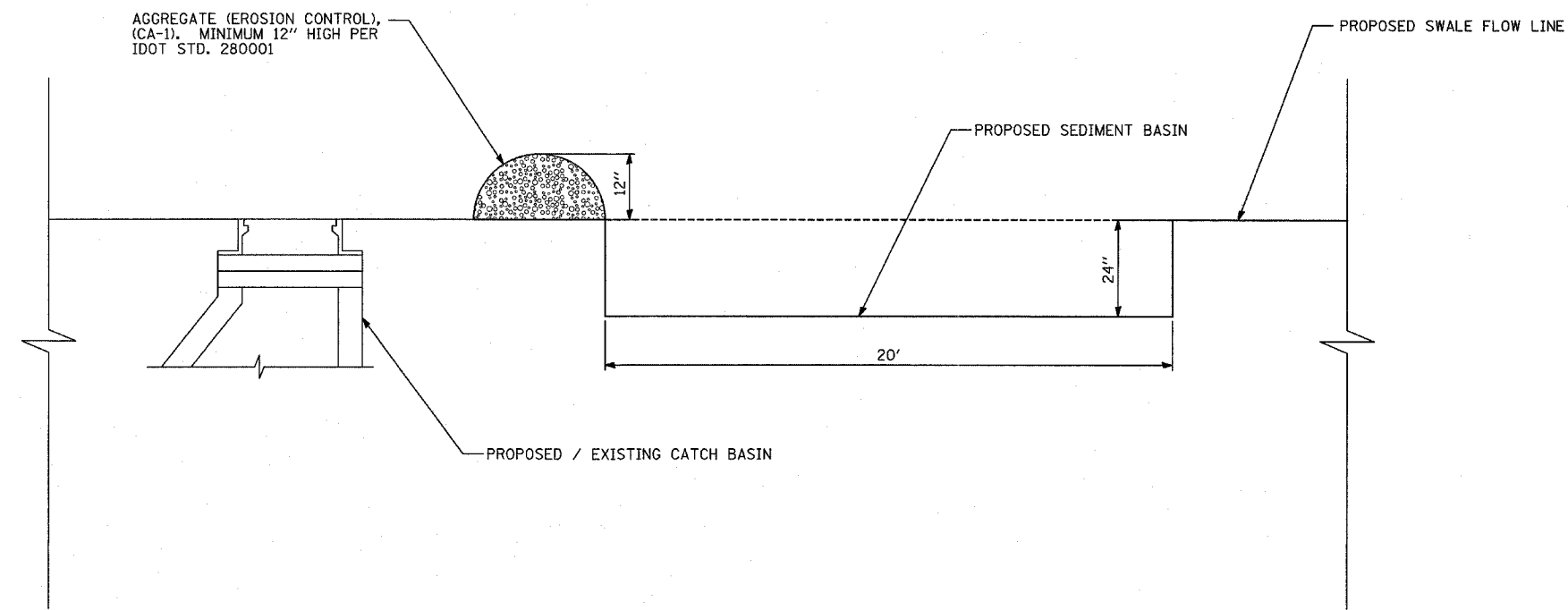
- TEMPORARY EROSION CONTROL SEEDING
- SEDIMENT CONTROL, SILT FENCE
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
- TEMPORARY FENCE
- TEMPORARY DITCH CHECK
- PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
- EXISTING DRAINAGE SWALE
- TEMPORARY FENCE FOR TREE PROTECTION (15 FEET PER SIDE = 60 FEET TOTAL)

TOTAL NUMBER OF INLET FILTERS THIS SHEET: 1  
 TOTAL NUMBER OF TEMPORARY DITCH CHECKS THIS SHEET: 0  
 TOTAL NUMBER OF TREES TO BE PROTECTED THIS SHEET: 0

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EROSION CONTROL PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2366+00.00 TO 2367+00.00  
 (SHEET 11 OF 11)  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: JPA

**TYLIN** INTERNATIONAL

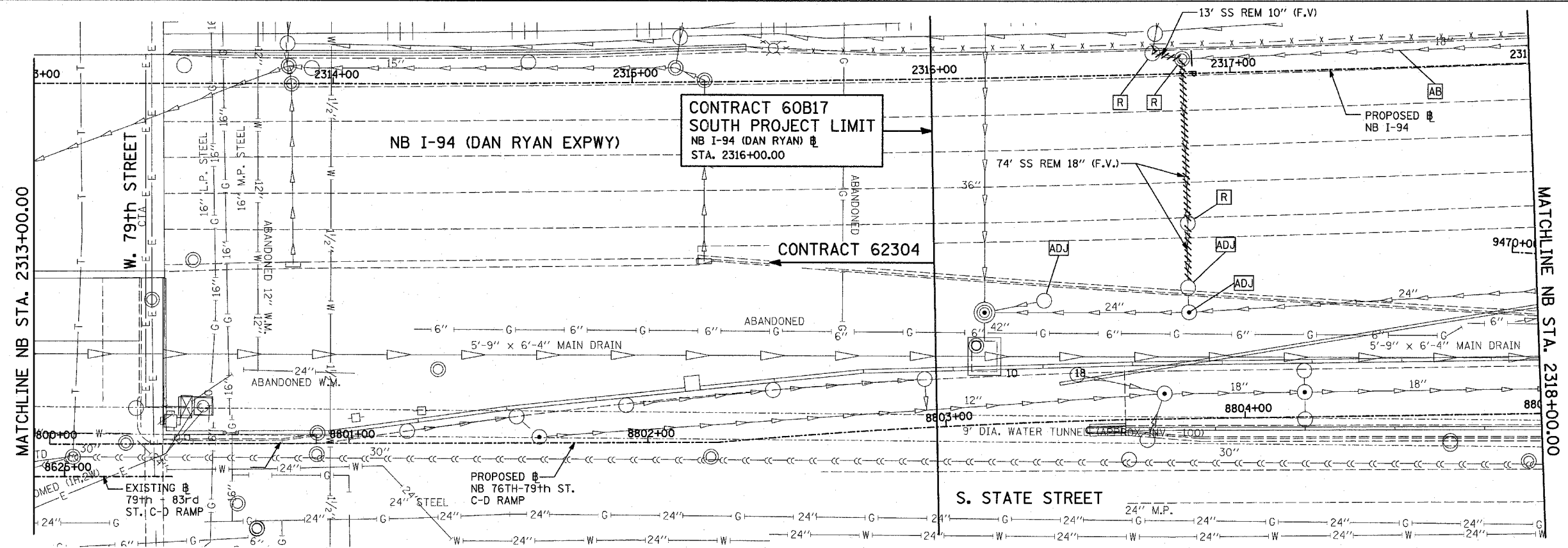


**SEDIMENT BASIN DETAIL**  
N.T.S.

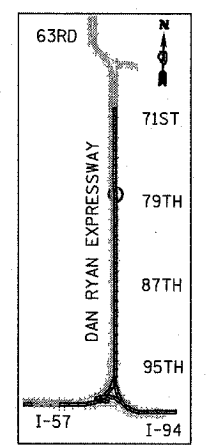
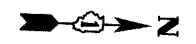
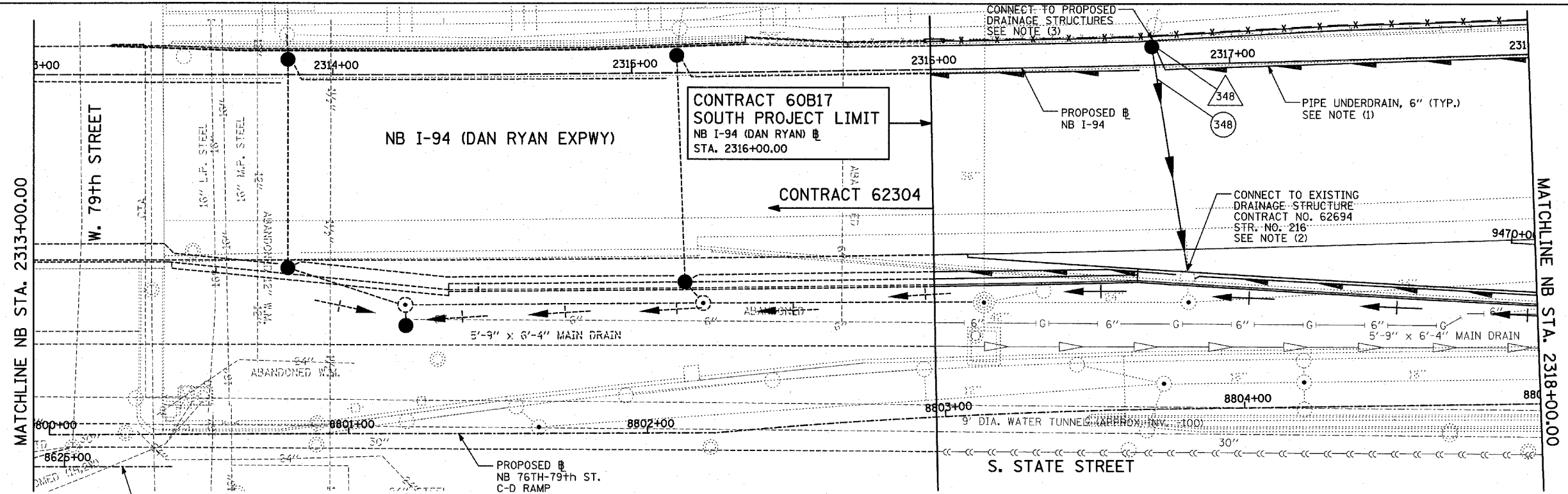
**GENERAL NOTES:**

1. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS.
2. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
3. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
4. TEMPORARY FENCE USED FOR DRIP LINE PROTECTION IS 60 LINEAR FEET FOR EACH TREE PROTECTED. ACTUAL LENGTH TO BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS
5. TREE REMOVAL QUANTITIES APPEAR ON THE REMOVAL PLANS.

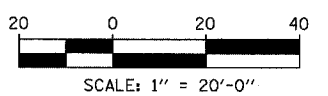
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EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



- LEGEND:**
- EXISTING COMBINED SEWER
  - PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
  - PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
  - PIPE STUBOUT TO BE PLUGGED
  - SEWER PLUG
  - F.V. FIELD VERIFY
  - UTILITY REMOVAL

- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

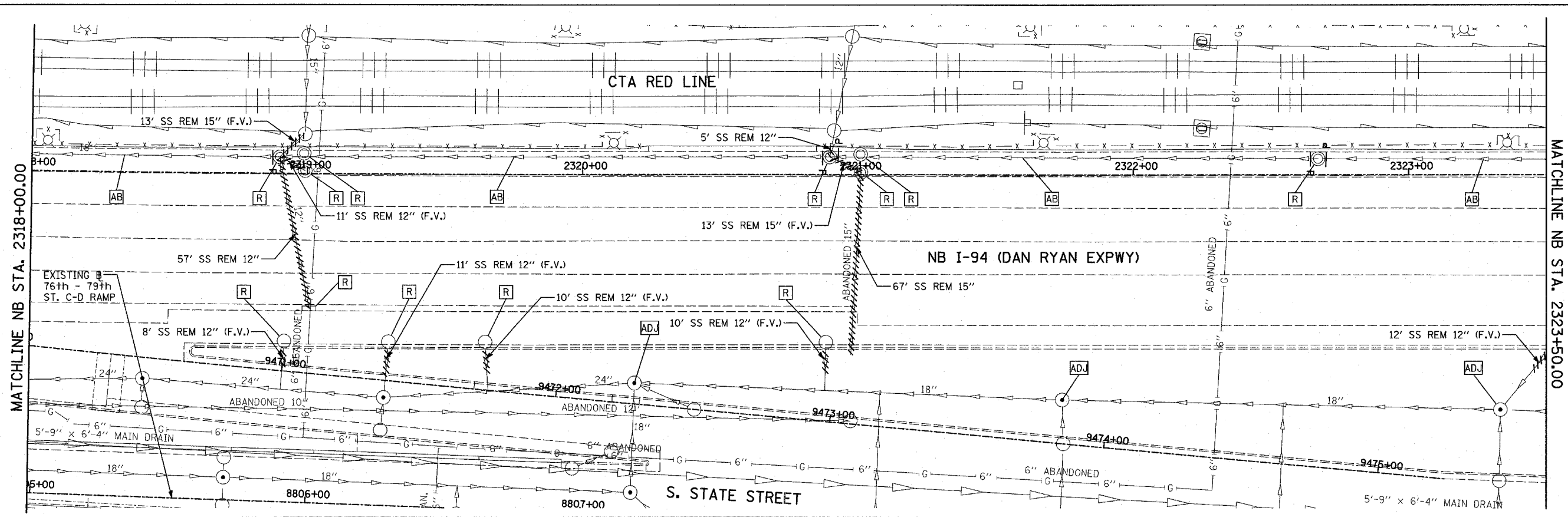
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2316+00.00 TO 2318+00.00

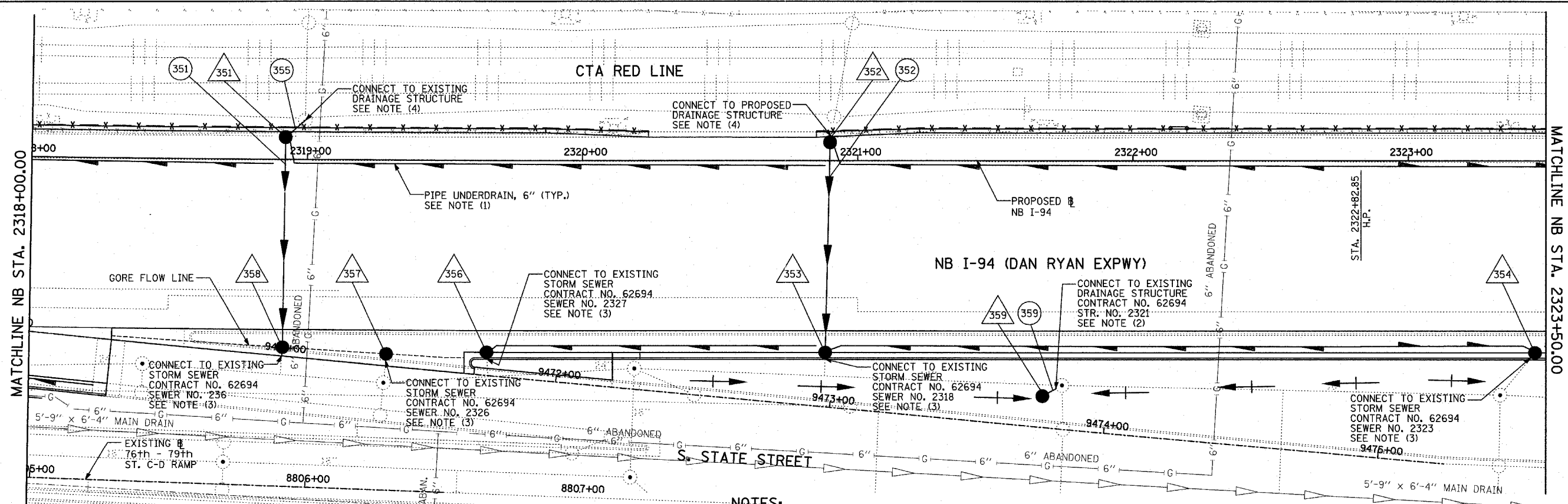
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DATE: MARCH 7, 2006

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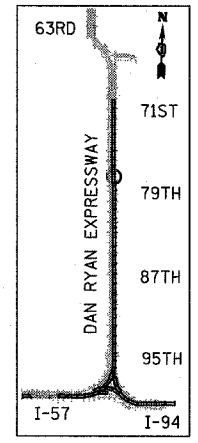




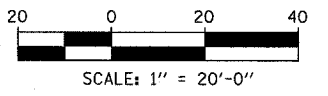
EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

- |  |  |  |                 |
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|  | EXISTING COMBINED SEWER                                  |  | SEWER PLUG      |
|  | PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)    |  | FIELD VERIFY    |
|  | PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.) |  | UTILITY REMOVAL |
|  | PIPE STUBOUT TO BE PLUGGED                               |  |                 |

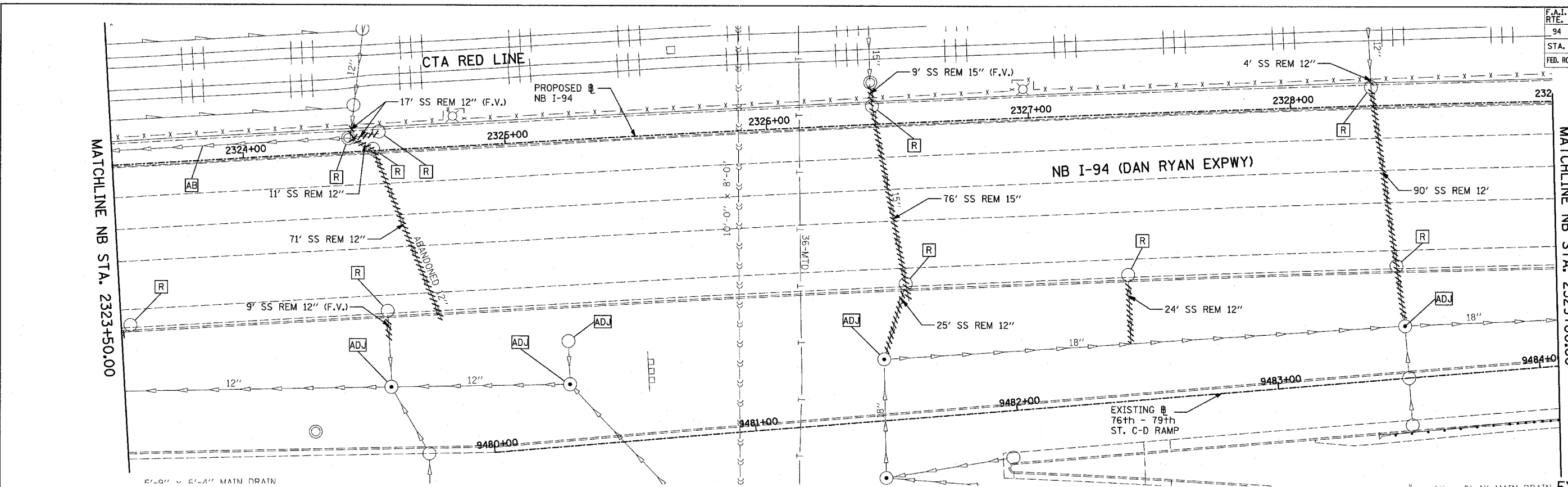
**NOTES:**

- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
- CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
- COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.
- ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

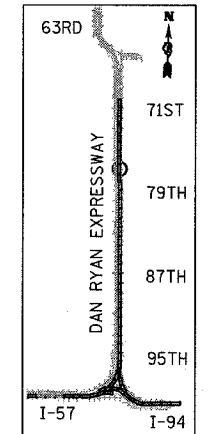
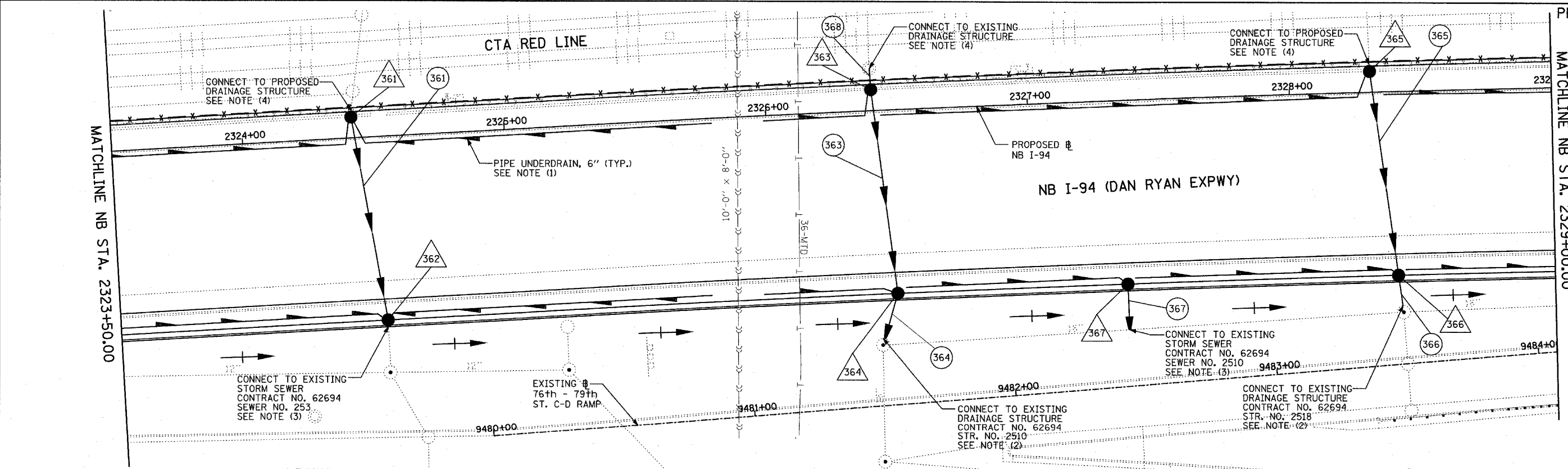
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2318+00.00 TO 2323+50.00

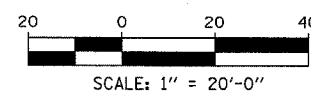
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DATE: MARCH 7, 2006  
DRAWN BY: MB  
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EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

- EXISTING COMBINED SEWER
- PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- PIPE STUBOUT TO BE PLUGGED
- SEWER PLUG
- F.V. FIELD VERIFY
- UTILITY REMOVAL

**NOTES:**

1. FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
2. CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
3. COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.
4. ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

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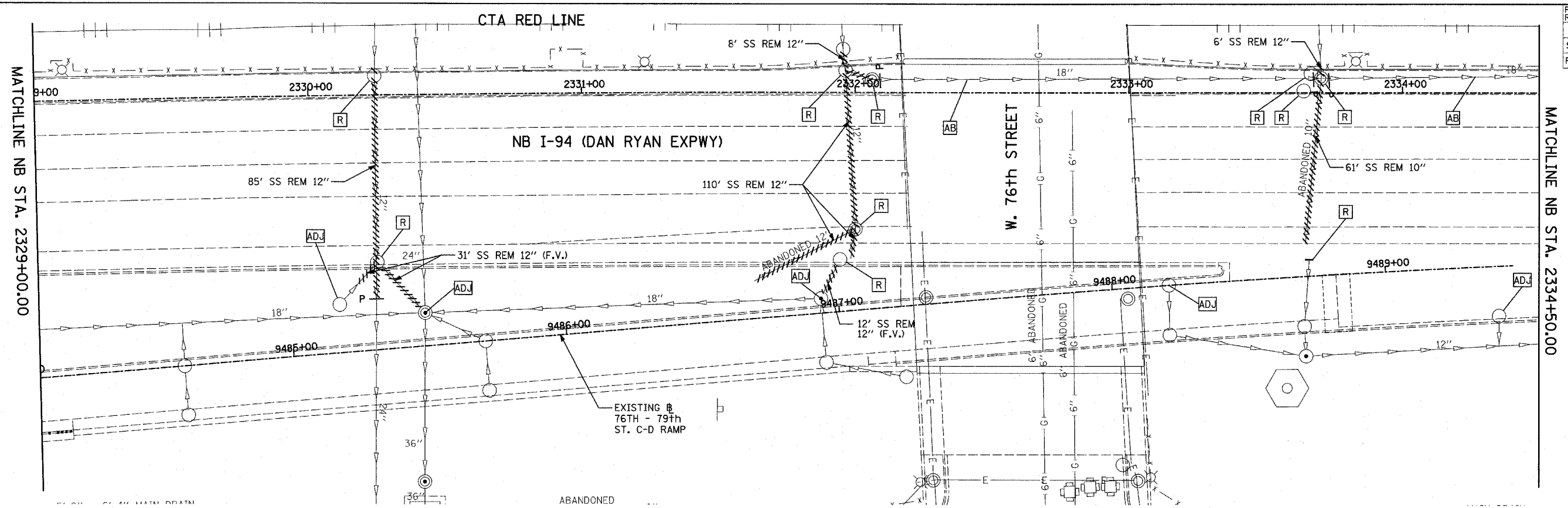
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2323+50.00 TO 2329+00.00

SCALE: 1"=20'  
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DRAWN BY: MB  
CHECKED BY: DA

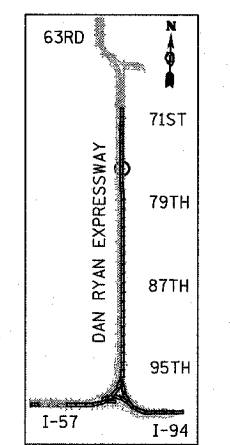
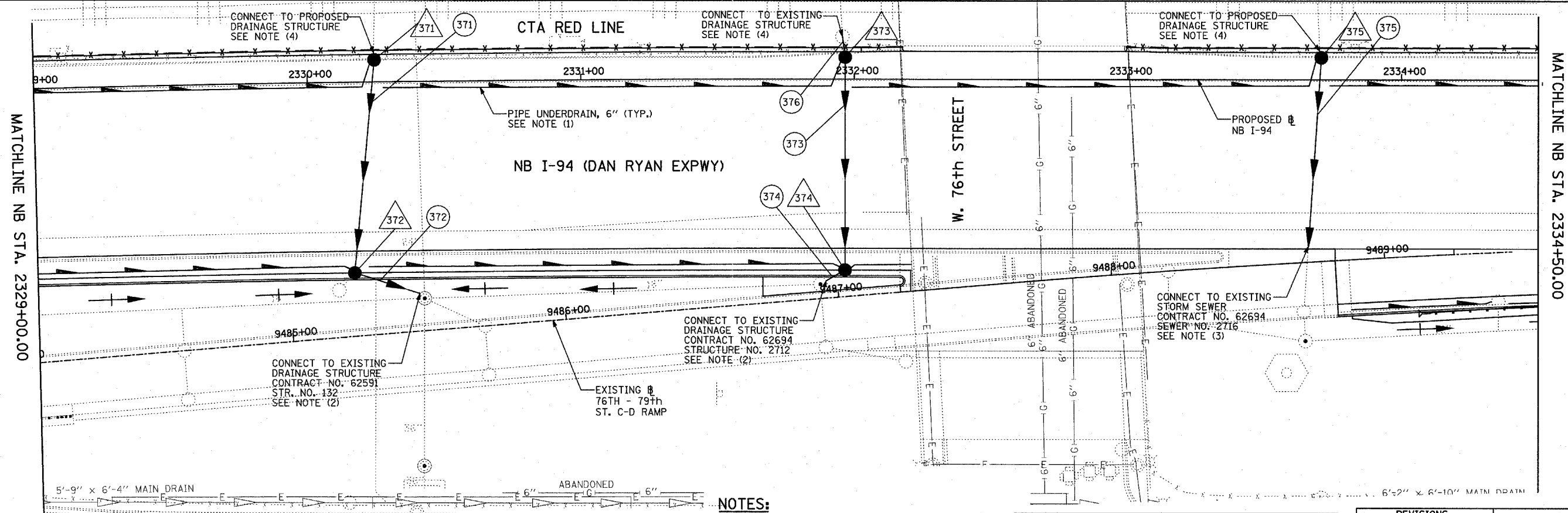
**TYLIN** INTERNATIONAL

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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
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| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
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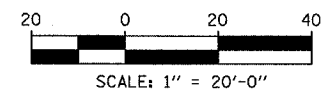
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EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**TYLIN INTERNATIONAL**

**LEGEND:**

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|  | EXISTING COMBINED SEWER                                  |  | SEWER PLUG        |
|  | PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)    |  | F.V. FIELD VERIFY |
|  | PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.) |  | UTILITY REMOVAL   |
|  | PIPE STUBOUT TO BE PLUGGED                               |  |                   |

- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.
  - ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

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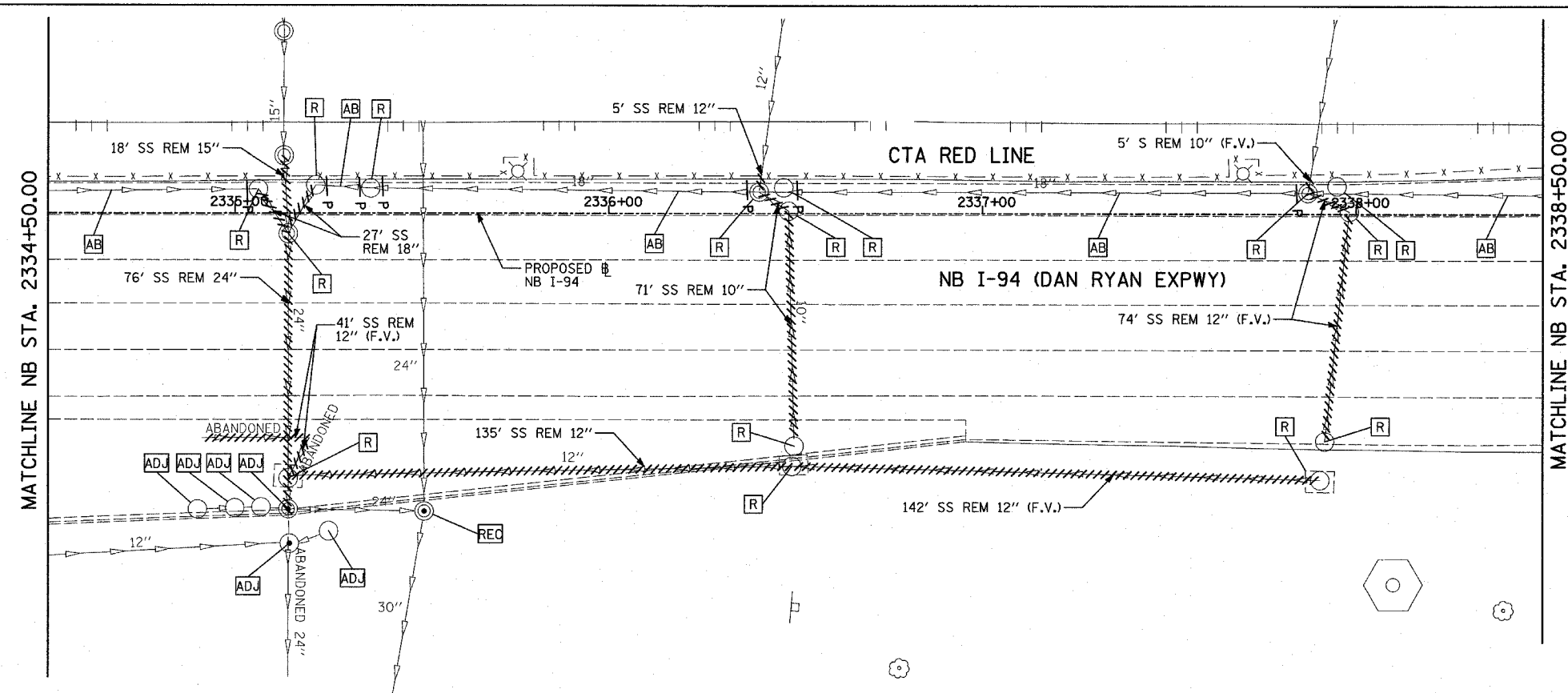
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**DRAINAGE AND UTILITY PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**NB I-94 STA. 2329+00.00 TO 2334+50.00**

SCALE: 1"=20'  
DATE: MARCH 7, 2006

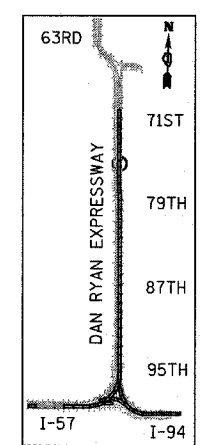
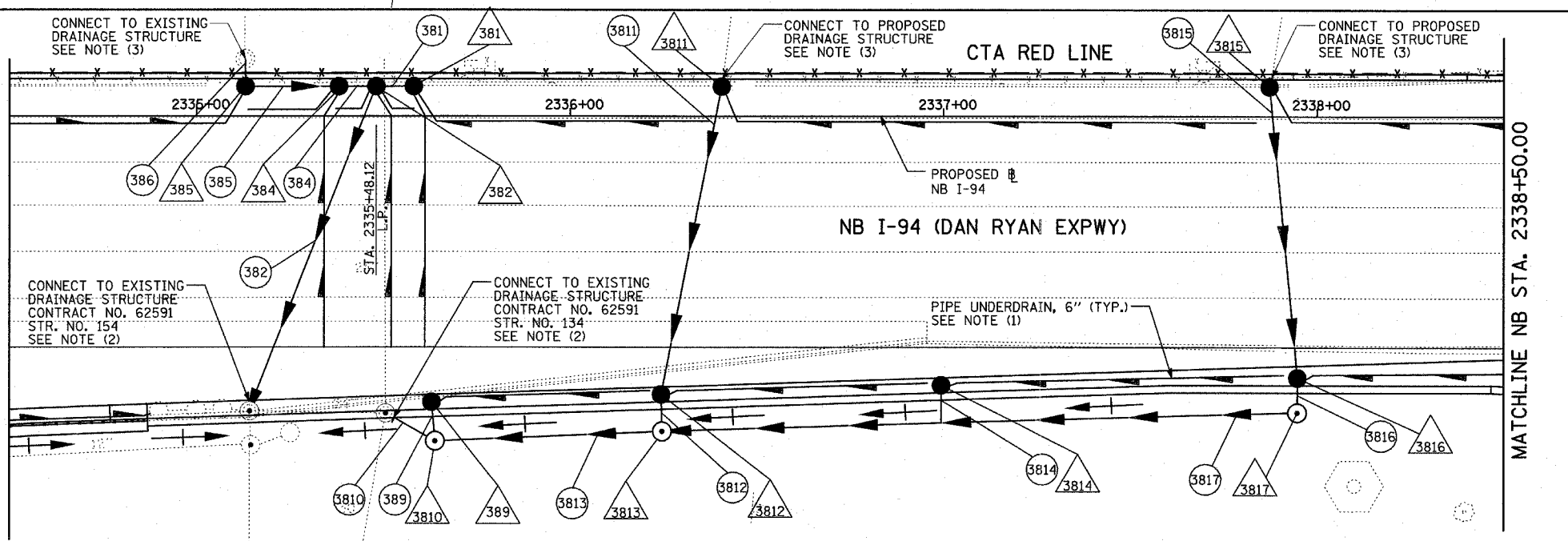
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CHECKED BY: DA

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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 112       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

60B17



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS

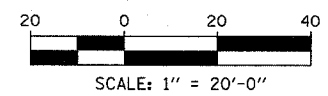


LOCATION MAP

- NOTES:**
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**LEGEND:**

|  |  |  |                 |
|--|--|--|-----------------|
|  | EXISTING COMBINED SEWER                                  |  | SEWER PLUG      |
|  | PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)    |  | FIELD VERIFY    |
|  | PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.) |  | UTILITY REMOVAL |
|  | PIPE STUBOUT TO BE PLUGGED                               |  |                 |



| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2334+50.00 TO 2338+50.00

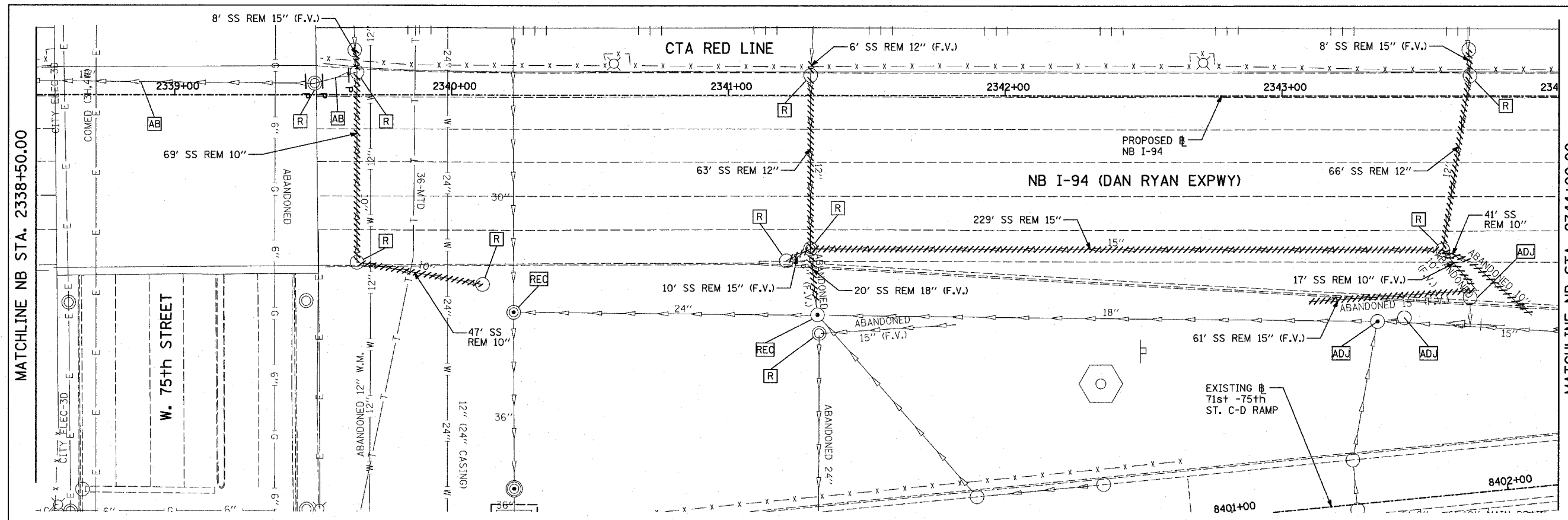
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DATE: MARCH 7, 2006

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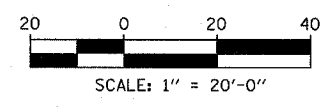
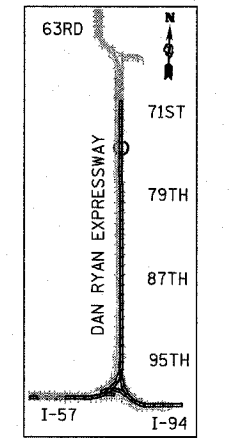
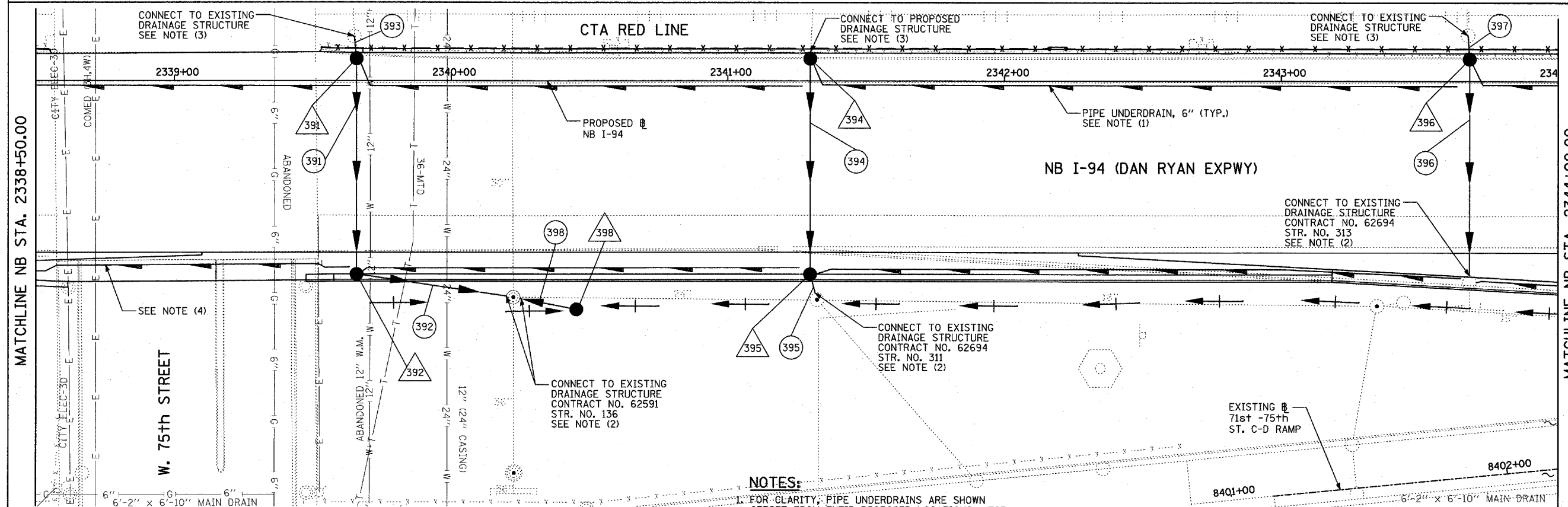
TYLIN INTERNATIONAL

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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 113       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

60B17



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.
  - PROPOSED PIPE UNDERDRAIN SYSTEM LOCATION SHALL BE COORDINATED WITH PROPOSED ELECTRICAL DUCT BANK AND EXISTING FOOTING. SEE TYPICAL SECTIONS AND DETAILS FOR OVERPASS FOOTINGS.

- LEGEND:**
- EXISTING COMBINED SEWER
  - XY PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
  - XY PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
  - S- PIPE STUBOUT TO BE PLUGGED
  - P SEWER PLUG
  - F.V. FIELD VERIFY
  - ////// UTILITY REMOVAL

| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2338+50.00 TO 2344+00.00

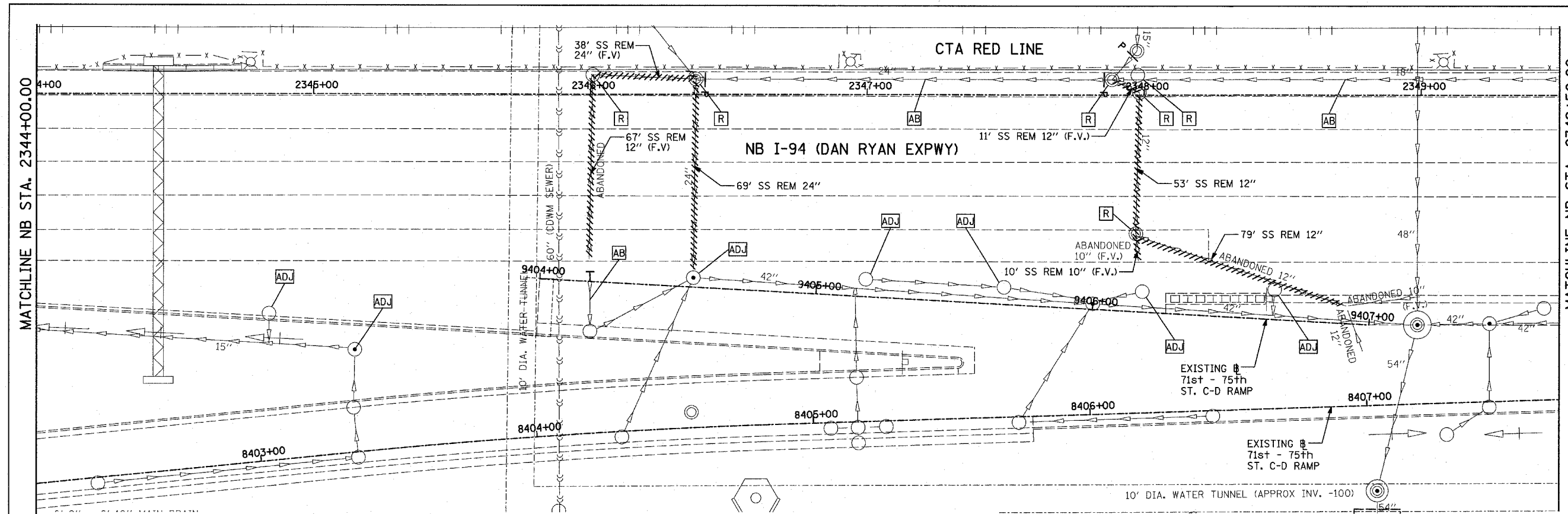
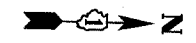
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DATE: MARCH 7, 2006

DRAWN BY: MB  
CHECKED BY: DA

TYLIN INTERNATIONAL

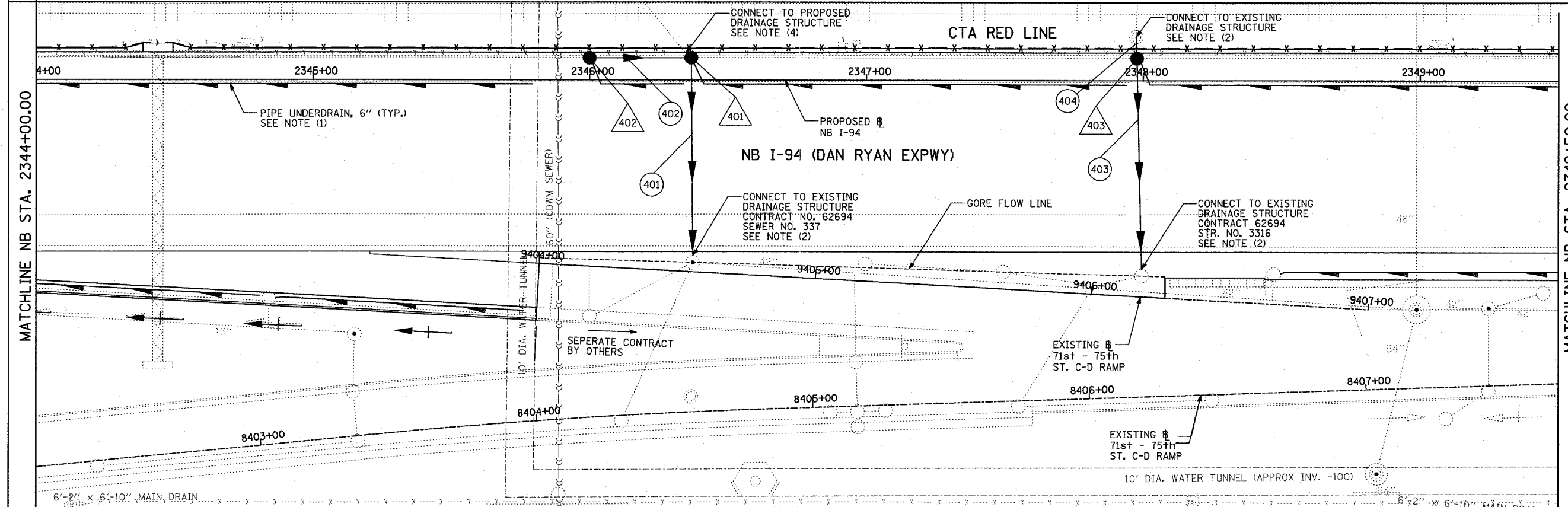
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 114       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

60B17



MATCHLINE NB STA. 2349+50.00

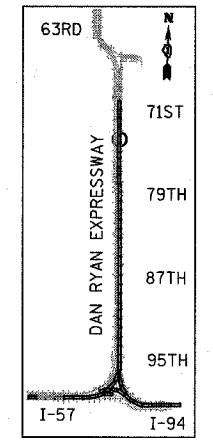
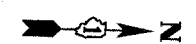
MATCHLINE NB STA. 2344+00.00



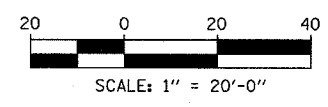
MATCHLINE NB STA. 2349+50.00

MATCHLINE NB STA. 2344+00.00

EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

- EXISTING COMBINED SEWER
- PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- PIPE STUBOUT TO BE PLUGGED
- SEWER PLUG
- F.V. FIELD VERIFY
- UTILITY REMOVAL

**NOTES:**

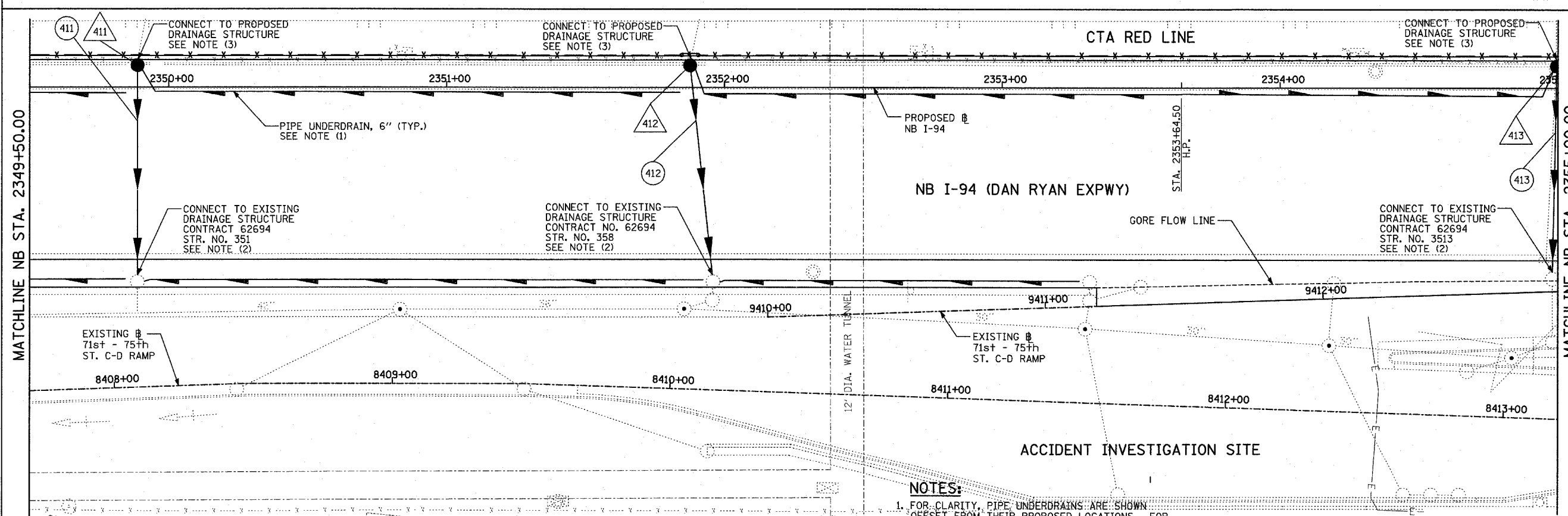
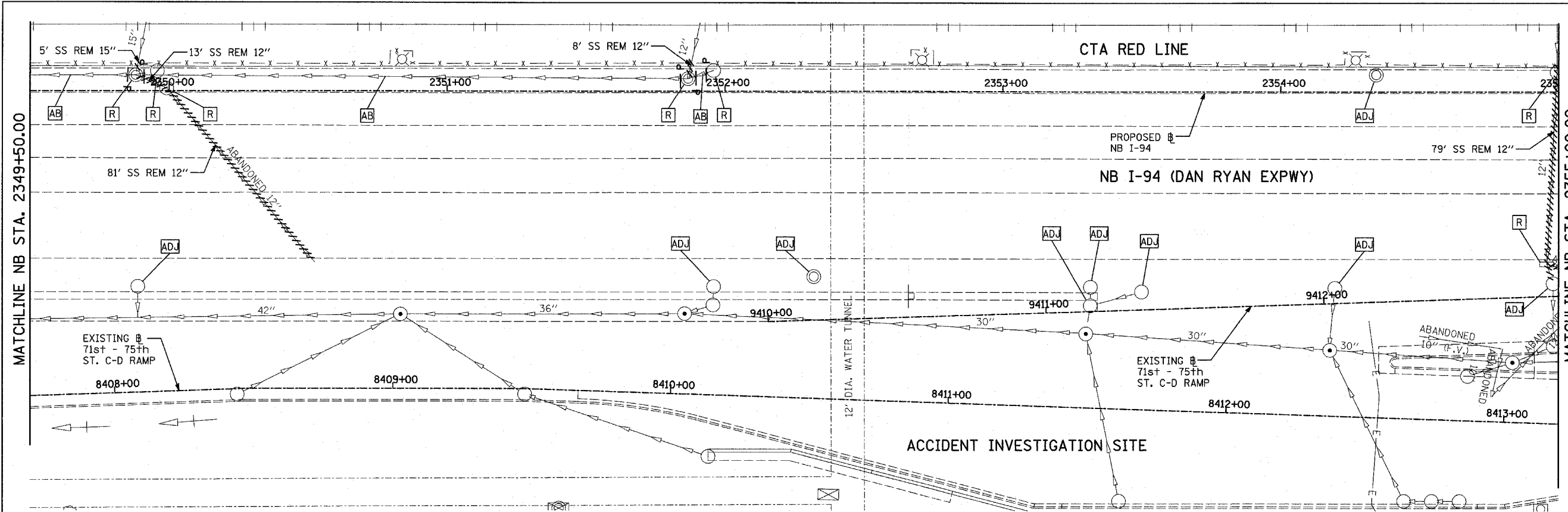
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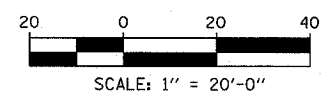
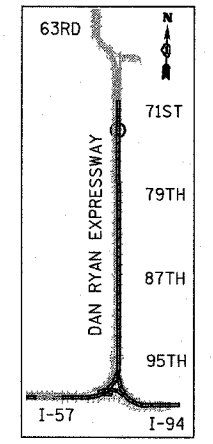
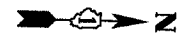
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2344+00.00 TO 2349+50.00

SCALE: 1"=20'  
DATE: MARCH 7, 2006  
DRAWN BY: MB  
CHECKED BY: DA

TYLIN INTERNATIONAL



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



MATCHLINE NB STA. 2349+50.00

MATCHLINE NB STA. 2355+00.00

**TYLIN INTERNATIONAL**

- LEGEND:**
- EXISTING COMBINED SEWER
  - PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
  - PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
  - PIPE STUBOUT TO BE PLUGGED
  - S-EWER PLUG
  - F.V. FIELD VERIFY
  - UTILITY REMOVAL

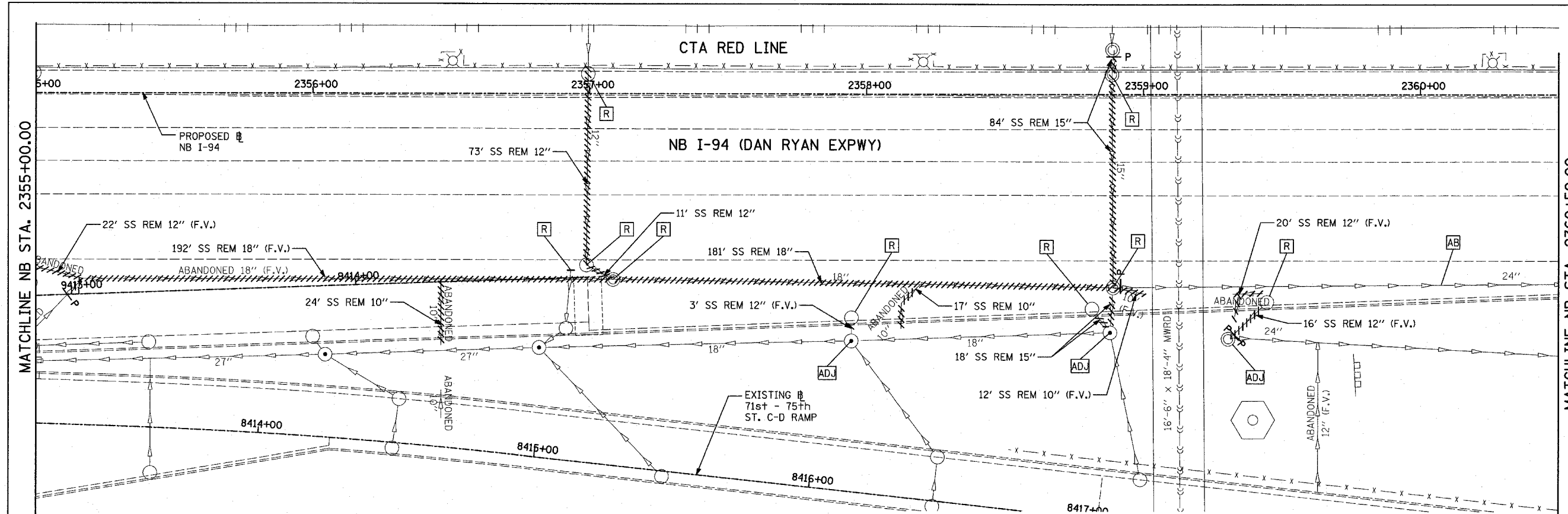
- NOTES:**
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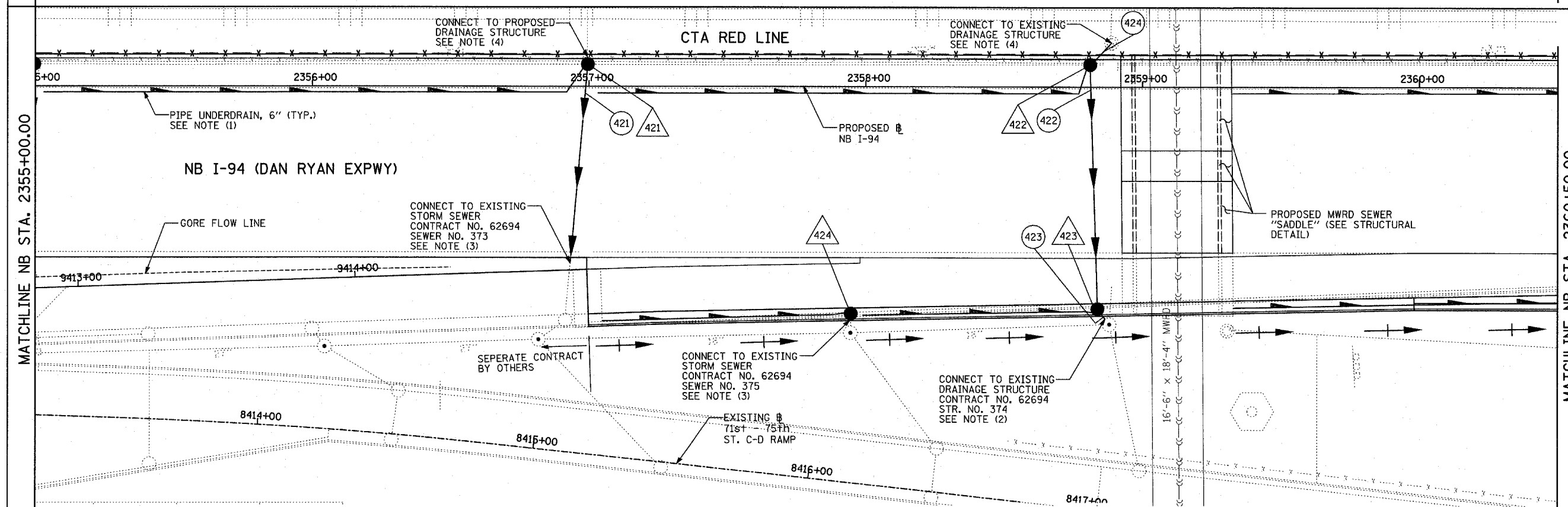
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DRAINAGE AND UTILITY PROPOSED PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2349+50.00 TO 2355+00.00

SCALE: 1"=20'  
 DATE: MARCH 7, 2006

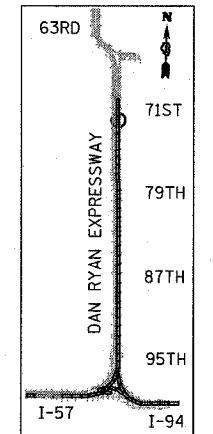
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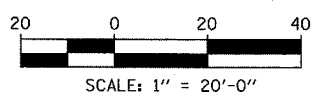
MATCHLINE NB STA. 2360+50.00



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

- EXISTING COMBINED SEWER
- PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- PIPE STUBOUT TO BE PLUGGED
- SEWER PLUG
- FIELD VERIFY
- UTILITY REMOVAL

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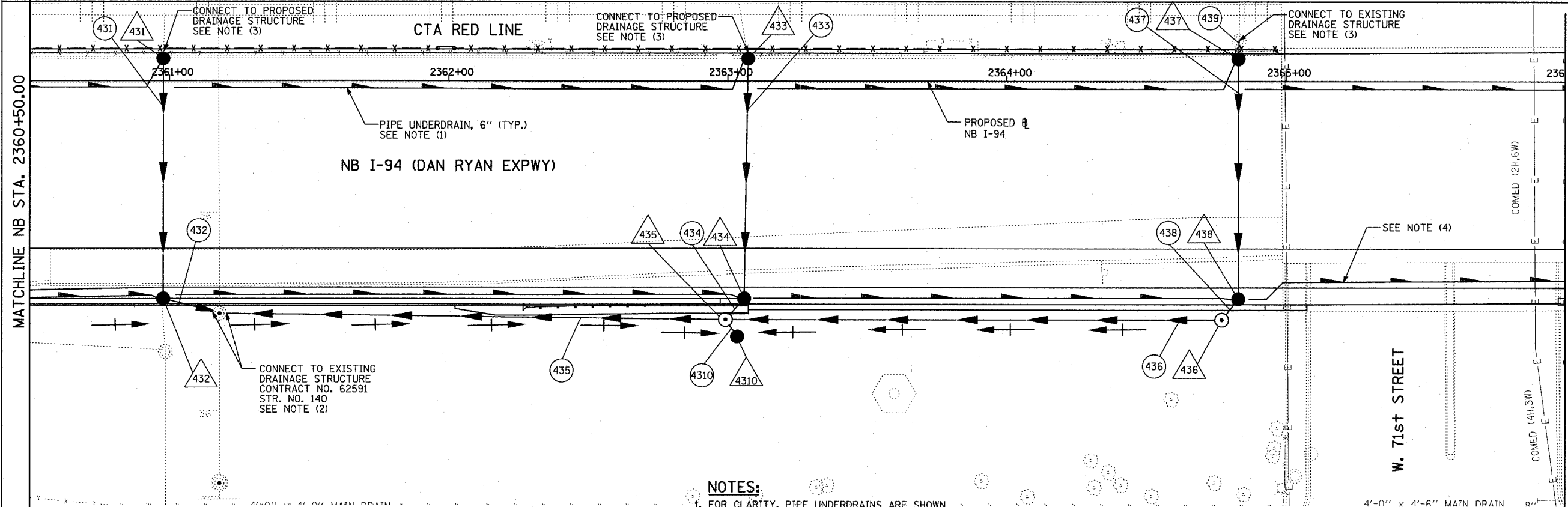
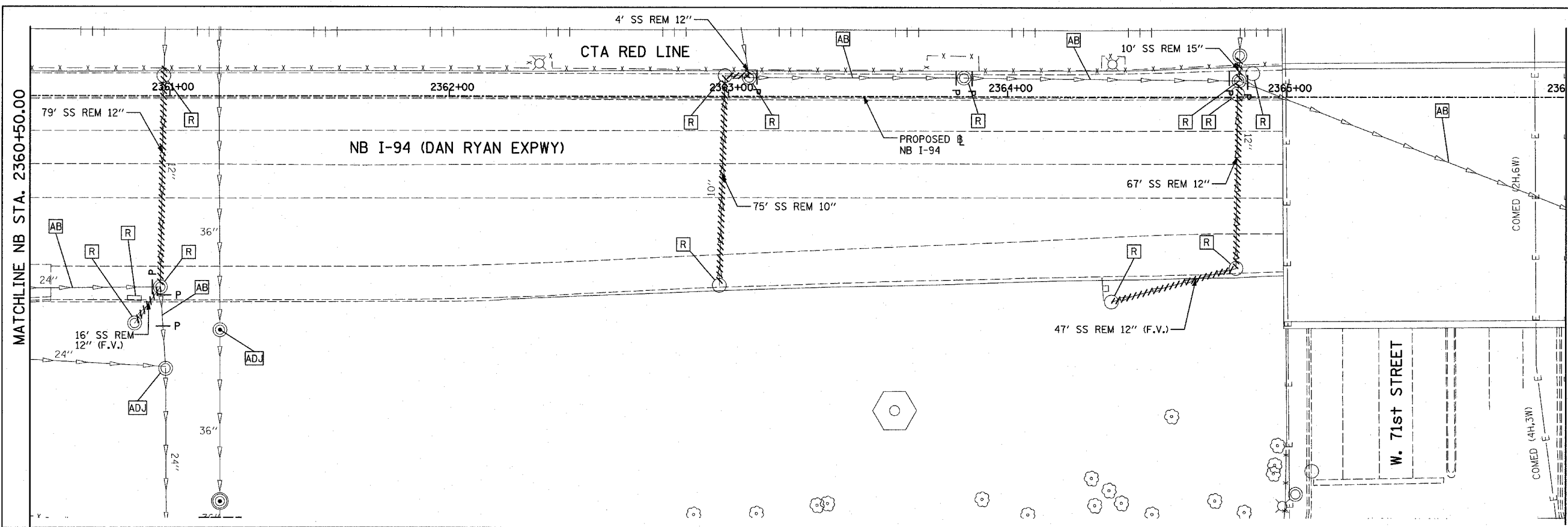
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2355+00.00 TO 2360+50.00

SCALE: 1"=20'  
DATE: MARCH 7, 2006

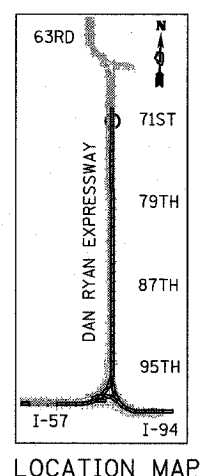
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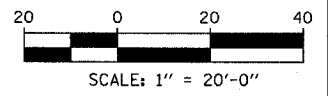
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| F.A.I. RTE.         | SECTION                   | COUNTY          | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3                  | COOK            | 265          | 117       |
| STA. 2316+00        |                           | TO STA. 2367+00 |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |                 | 60B17        |           |



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

- EXISTING COMBINED SEWER
- PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- PIPE STUBOUT TO BE PLUGGED
- SEWER PLUG
- F.V. FIELD VERIFY
- UTILITY REMOVAL

**NOTES:**

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| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**DRAINAGE AND UTILITY PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**NB I-94 STA. 2360+50.00 TO 2366+00.00**

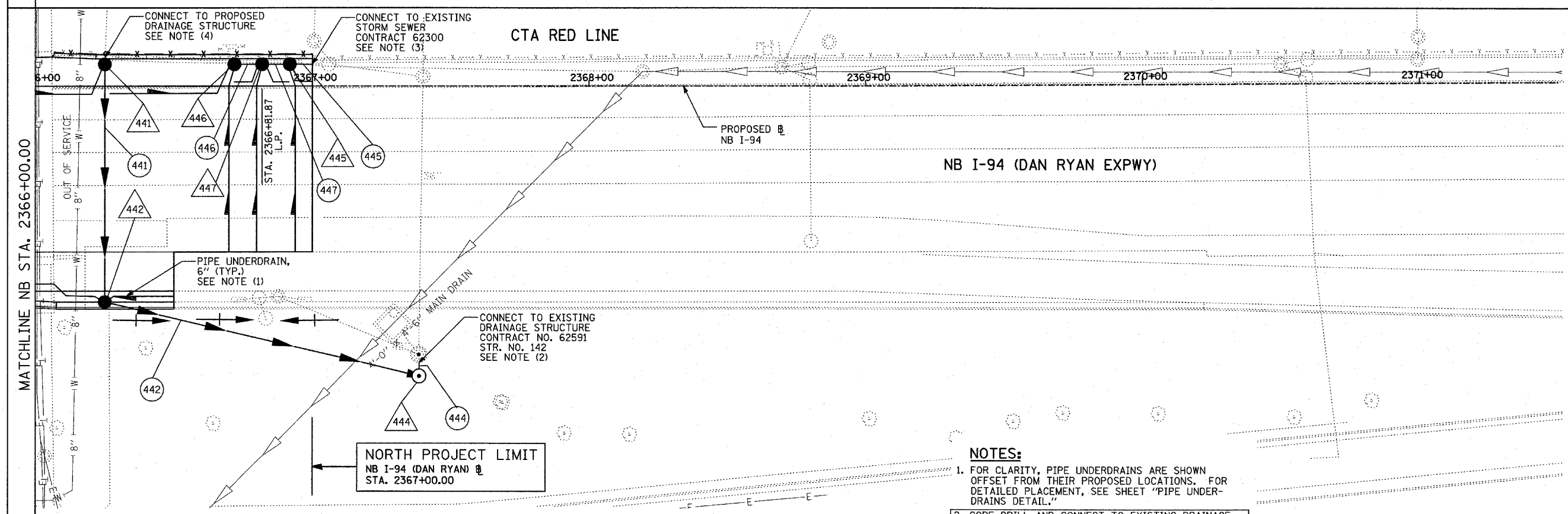
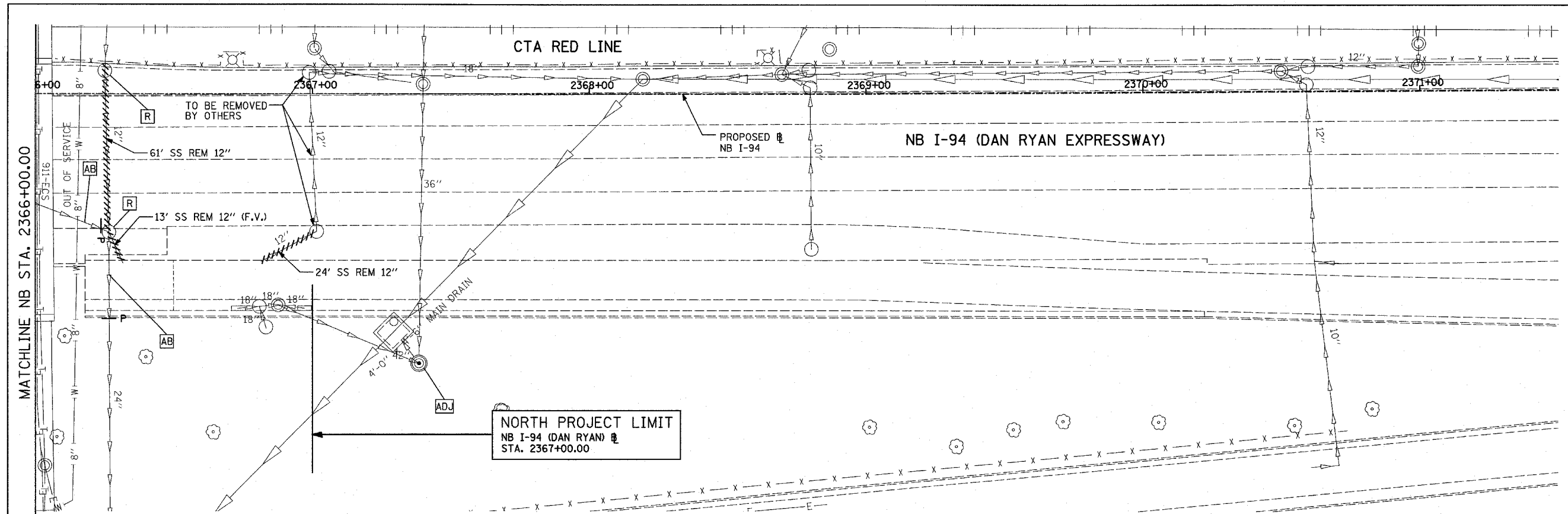
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DATE: MARCH 7, 2006

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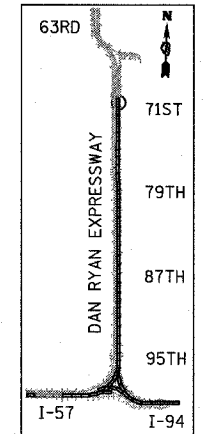
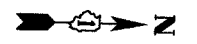
**TYLIN** INTERNATIONAL

|                     |          |                  |              |           |
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 118       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

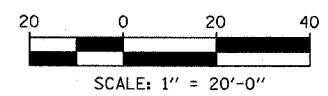
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EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



S. STATE STREET

**LEGEND:**

- — — — — EXISTING COMBINED SEWER
- (XY) PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- (XY) PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- S — PIPE STUBOUT TO BE PLUGGED
- P — SEWER PLUG
- F.V. FIELD VERIFY
- ////// UTILITY REMOVAL

**NOTES:**

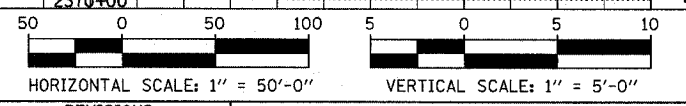
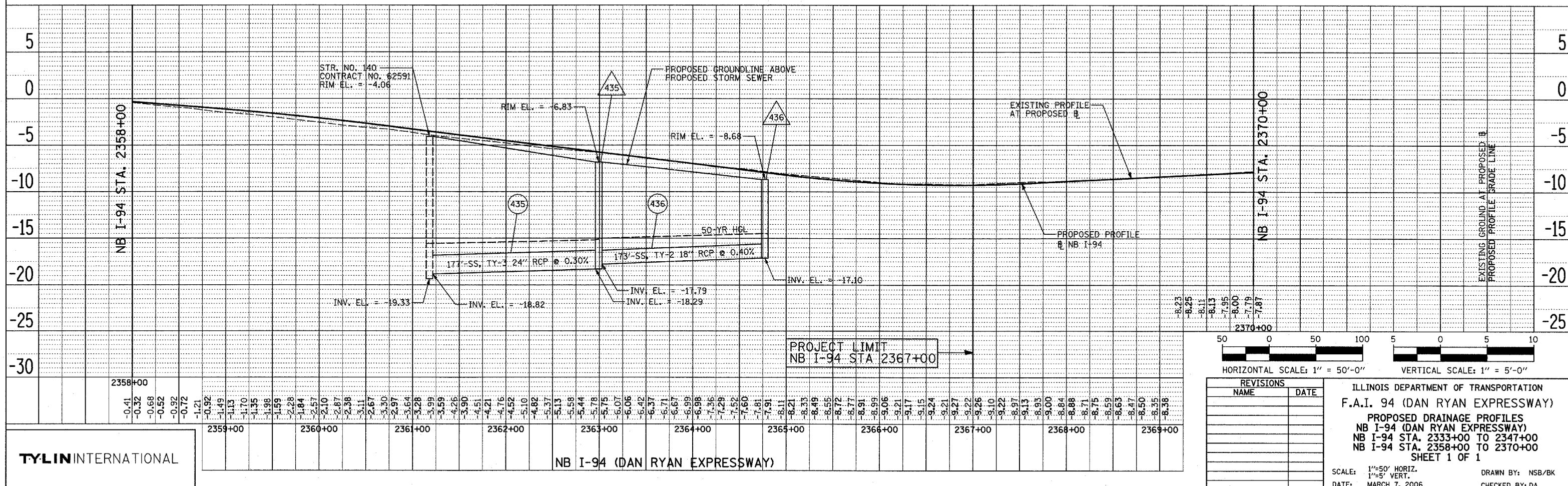
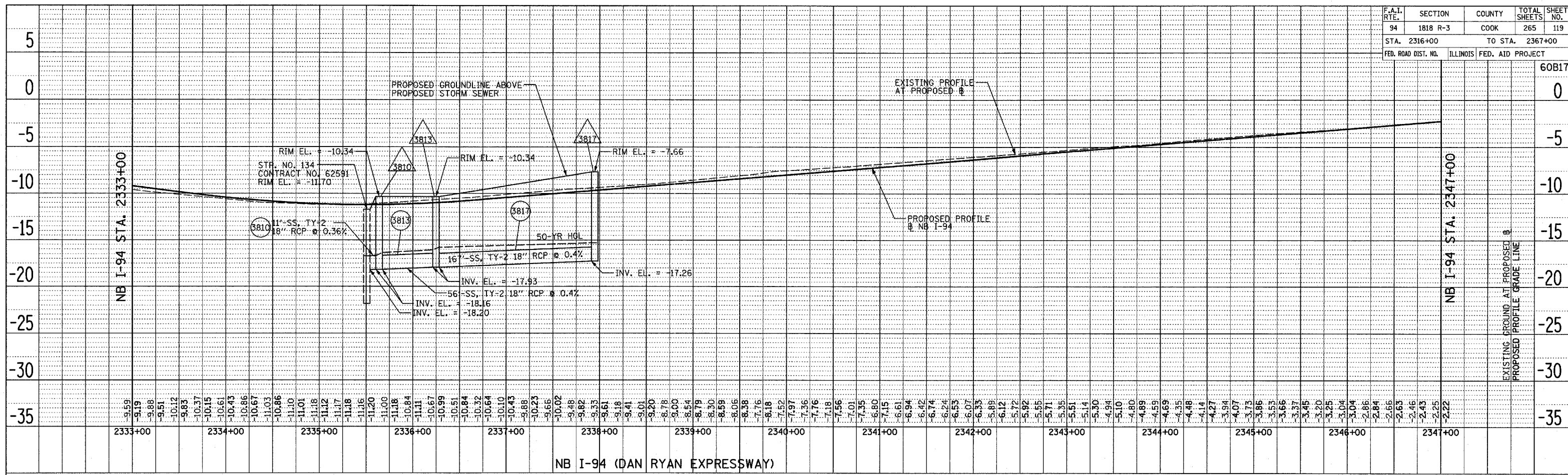
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2366+00.00 TO 2367+00.00

SCALE: 1"=20'  
DATE: MARCH 7, 2006  
DRAWN BY: MB  
CHECKED BY: DA

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|---------------------|----------|------------------|--------------|-----------|
| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 119       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |



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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED DRAINAGE PROFILES  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2333+00 TO 2347+00  
 NB I-94 STA. 2358+00 TO 2370+00  
 SHEET 1 OF 1

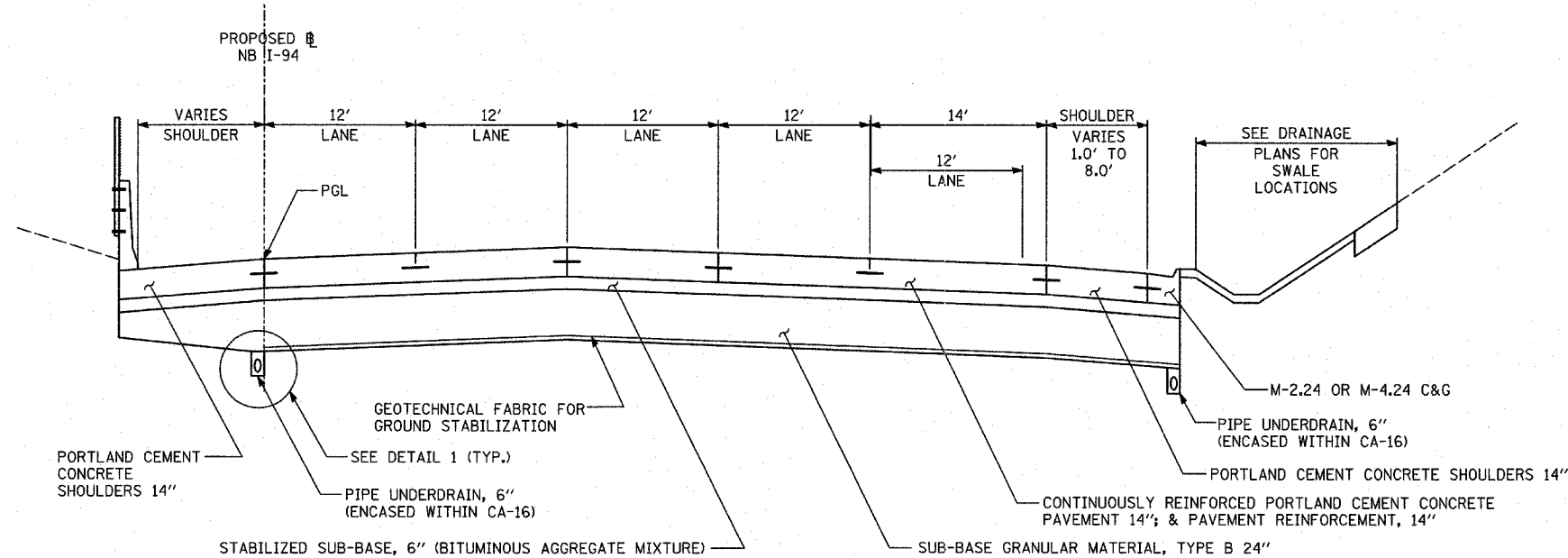
SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 7, 2006

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 CHECKED BY: DA

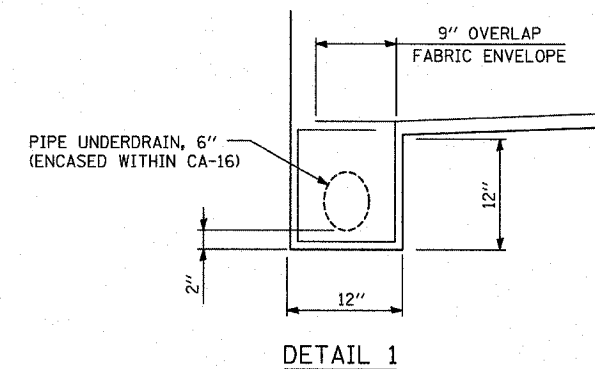
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 REVIEWED: \_\_\_\_\_  
 PLAN: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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 PLAN: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
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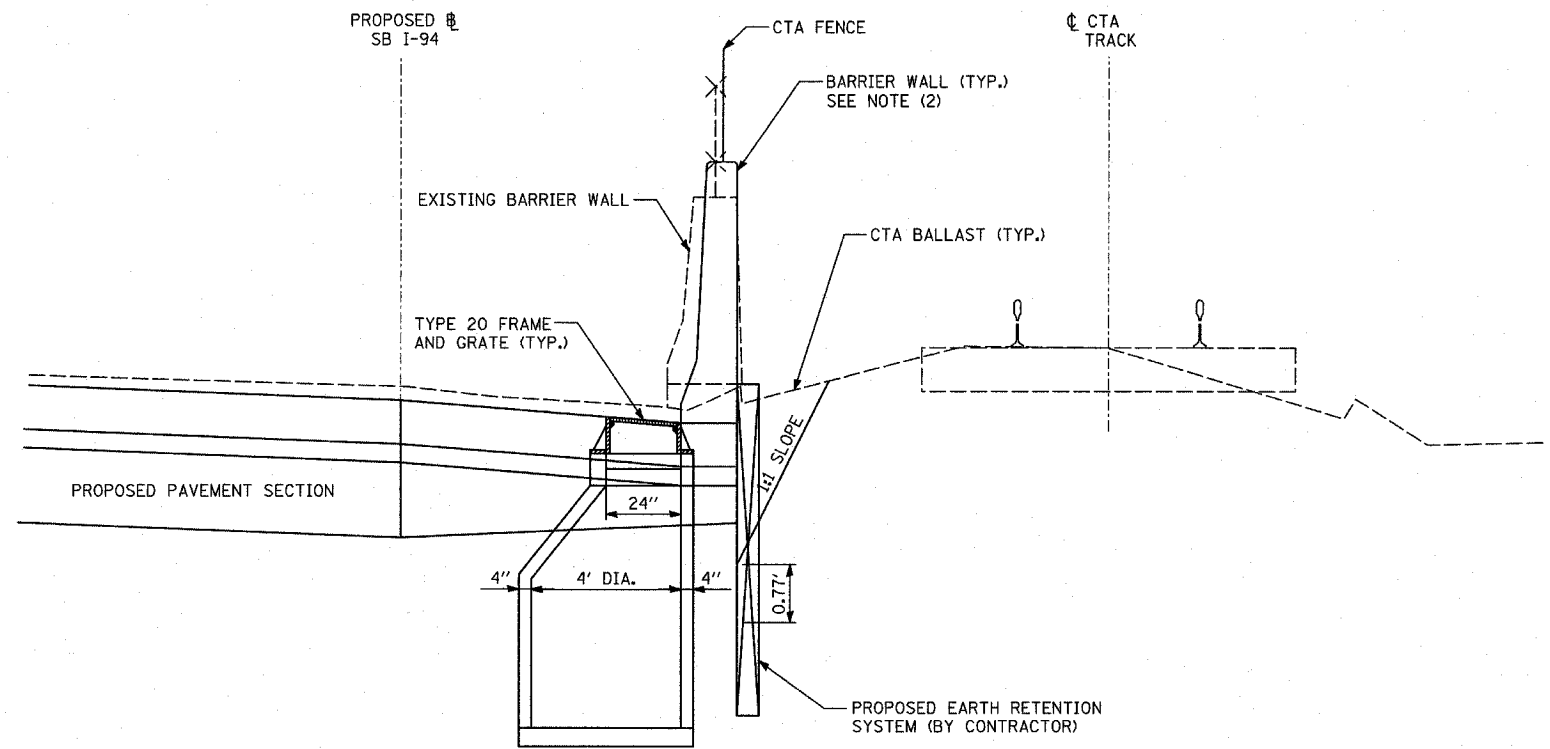
**PROPOSED NB I-94 MAINLINE PAVEMENT**  
 LOCATIONS VARY BETWEEN 79TH STREET & 75TH TO 71ST STREET C-D RAMPS



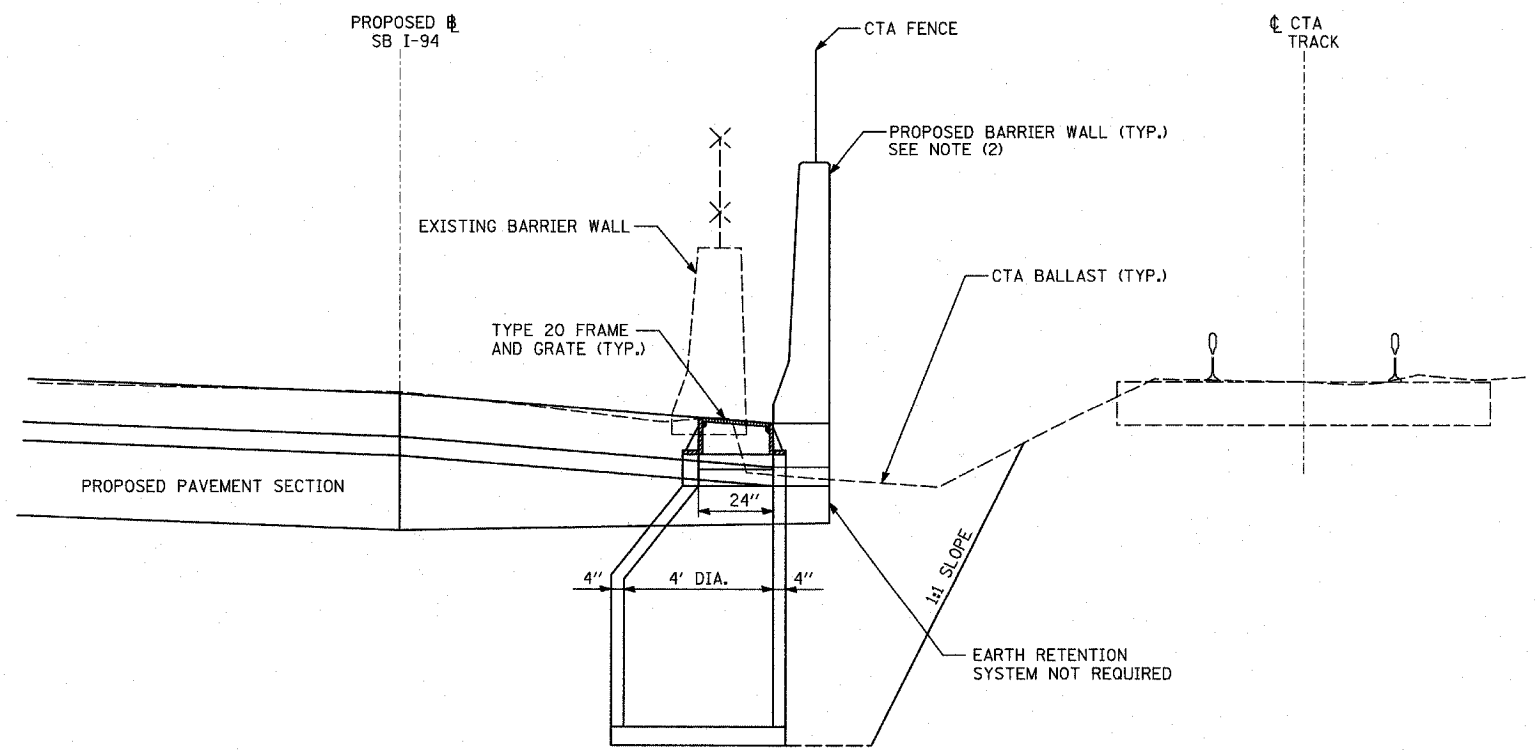
**NOTES:**

- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE PLACED THE ENTIRE WIDTH FROM INSIDE EDGE OF PIPE UNDERDRAIN TRENCH TO INSIDE EDGE OF PIPE UNDERDRAIN TRENCH, AND SUB-BASE GRANULAR MATERIAL TYPE B-24" SHALL BE PLACED THE ENTIRE WIDTH FROM BACK-OF-CURB TO BACK-OF-CURB PRIOR TO UNDERDRAIN INSTALLATION. REPLACEMENT OF THE SACRIFICIAL SUB-BASE GRANULAR MATERIAL TYPE B-24" ABOVE THE NEWLY PLACED PIPE UNDERDRAIN TRENCHES SHALL BE INCLUDED IN THE UNIT PRICE OF THE PIPE UNDERDRAIN, 6".
- (2) RIGHT SHOULDER IN DIRECTION OF TRAFFIC
- (3) LEFT SHOULDER IN DIRECTION OF TRAFFIC
- (4) FABRIC ENVELOPE AND CA-16 ARE INCLUDED IN THE UNIT COST FOR PIPE UNDERDRAINS

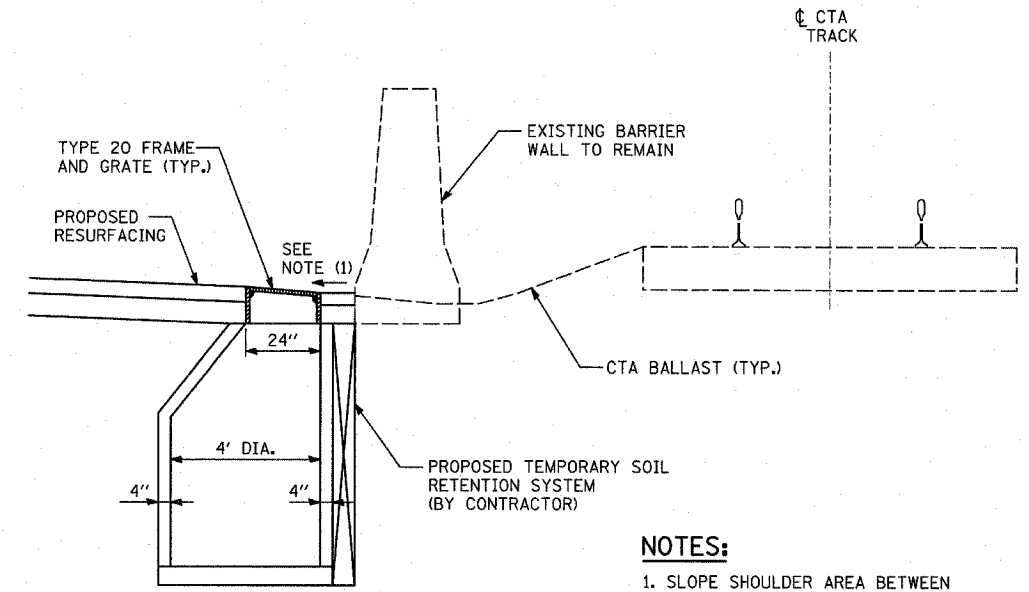
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**DETAIL 1**  
**PROPOSED CATCH BASIN - TYPE "A"**



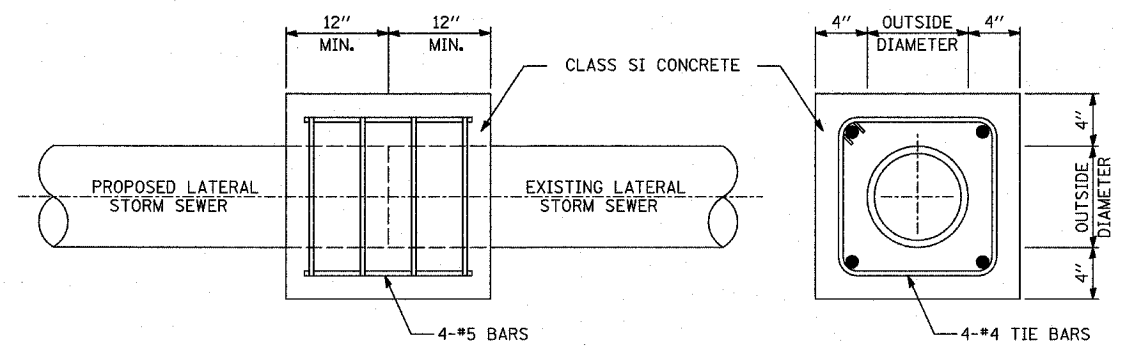
**DETAIL 2**  
**PROPOSED CATCH BASIN - TYPE "A"**



**DETAIL 4**  
**PROPOSED CATCH BASIN - TYPE "A"**

- NOTES:**
1. SLOPE SHOULDER AREA BETWEEN PROPOSED CATCH BASIN AND BARRIER WALL TOWARDS GRATE - TRANSITION BACK TO SHOULDER SLOPE WITHIN 10' EITHER WAY FROM C OF GRATE.
  2. SEE MISCELLANEOUS DETAIL SHEETS FOR WALL DETAIL.

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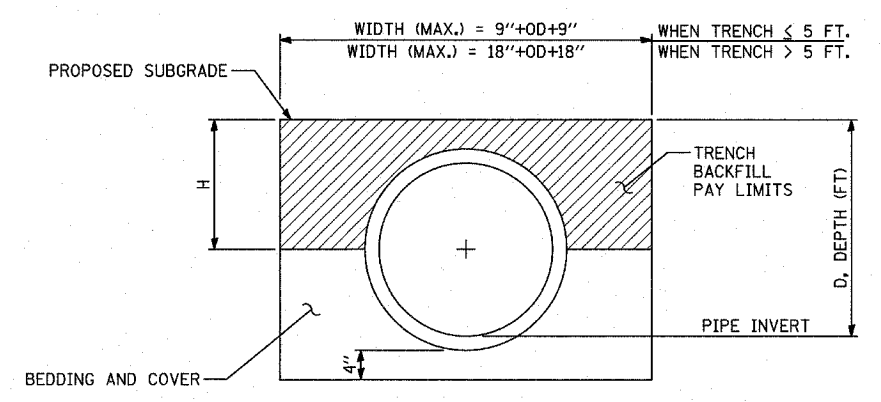


THE PROPOSED CONCRETE COLLAR SHALL OVERLAP EACH STORM SEWER PIPE A MINIMUM OF 1 FOOT.

**CLASS SI CONCRETE COLLAR**

**NOTES:**

1. IN ORDER TO MAINTAIN CONTINUOUS DRAINAGE THROUGHOUT THE CONSTRUCTION AREA, TEMPORARY CONNECTIONS SHALL BE PROVIDED TO CONNECT PROPOSED STORM SEWER LATERALS TO THE EXISTING STORM SEWER LATERALS. THE CONTRACTOR SHALL CONSTRUCT THESE TEMPORARY CONNECTIONS IN ACCORDANCE WITH ONE OF THE TWO OPTIONS DETAILED ABOVE.
2. THE TOTAL COST OF INSTALLING THE TEMPORARY CONNECTIONS IS NOT PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE SEWER PAY ITEM.



**TRENCH BACKFILL DETAIL**

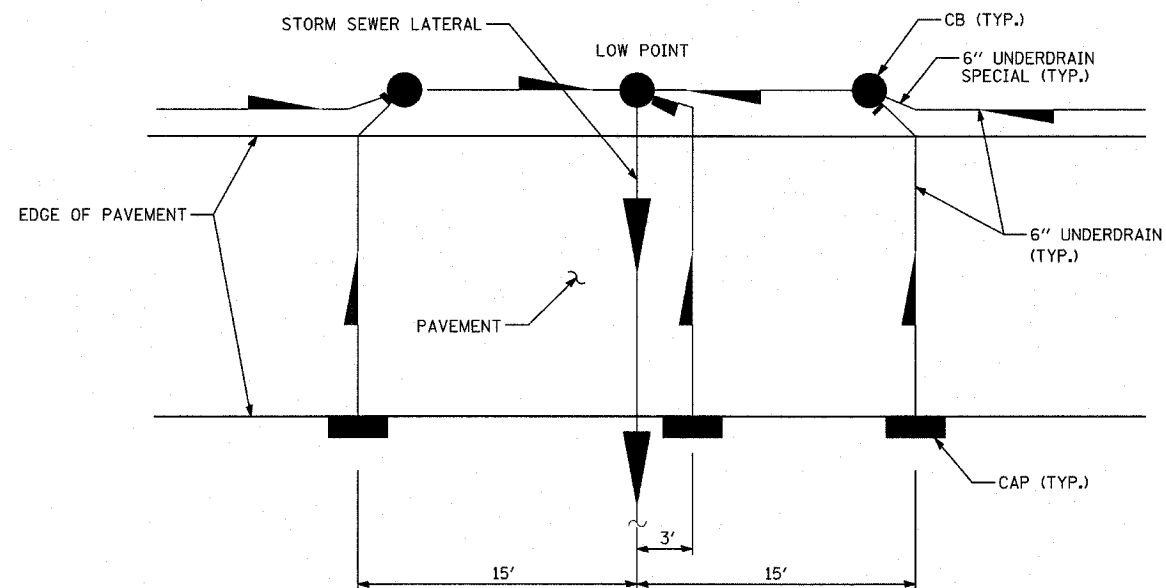
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

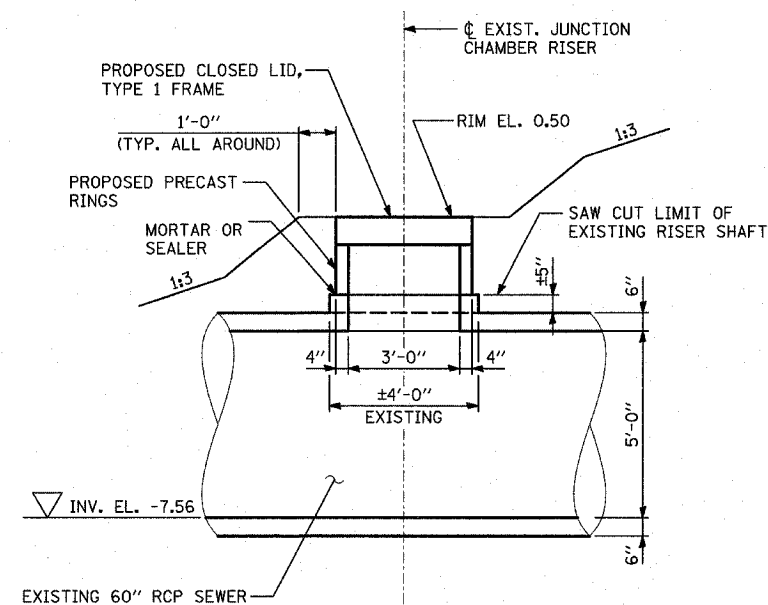
**DRAINAGE DETAILS**  
**SHEET 2 OF 3**

SCALE: NONE  
 DATE: MARCH 7, 2006

DRAWN BY: BK  
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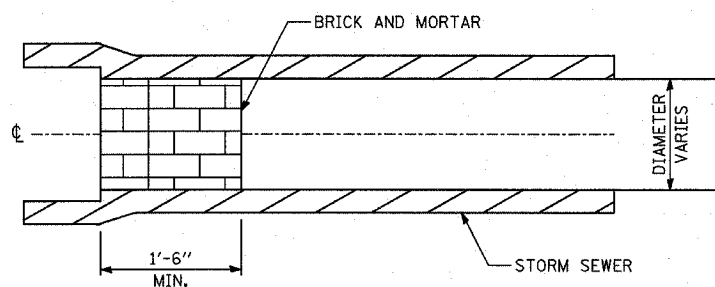


**PIPE UNDERDRAIN 6", AT ROADWAY SAGS**



**RISER SHAFT RECONSTRUCTION DETAIL**

**NOTE:**  
1. TO BE PAID FOR AS "MANHOLES TO BE RECONSTRUCTED"

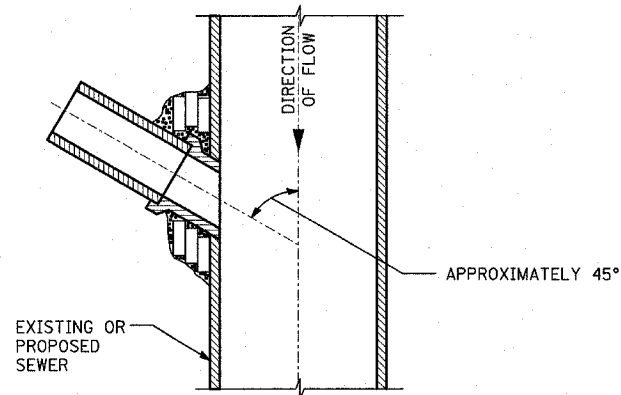


**STORM SEWER PLUG**

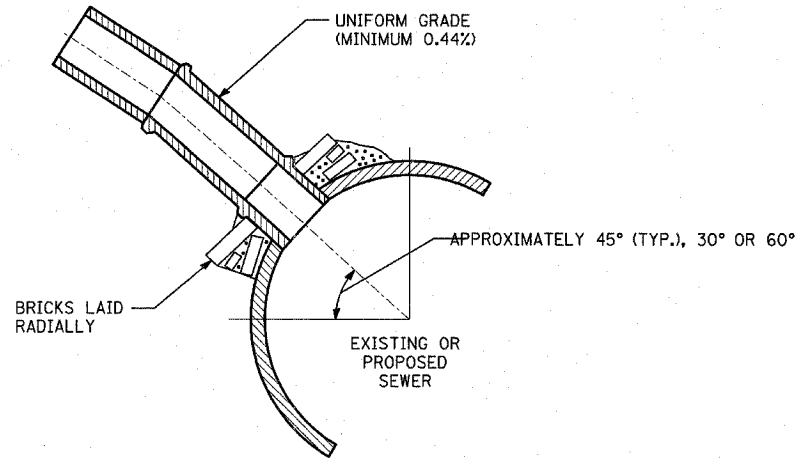
**NOTES:**

1. THIS WORK CONSISTS OF FURNISHING BRICKS AND MORTAR AS SHOWN AND AS DIRECTED BY THE ENGINEER AT LOCATIONS SHOWN IN THE PLANS TO PLUG THE EXISTING AND/OR PROPOSED STORM SEWER LATERAL STUBS. THIS PLUG WILL BE REMOVED BY OTHERS FOR FUTURE EXTENSION OF THE STORM SEWER.
2. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, PER ARTICLE 550.05.

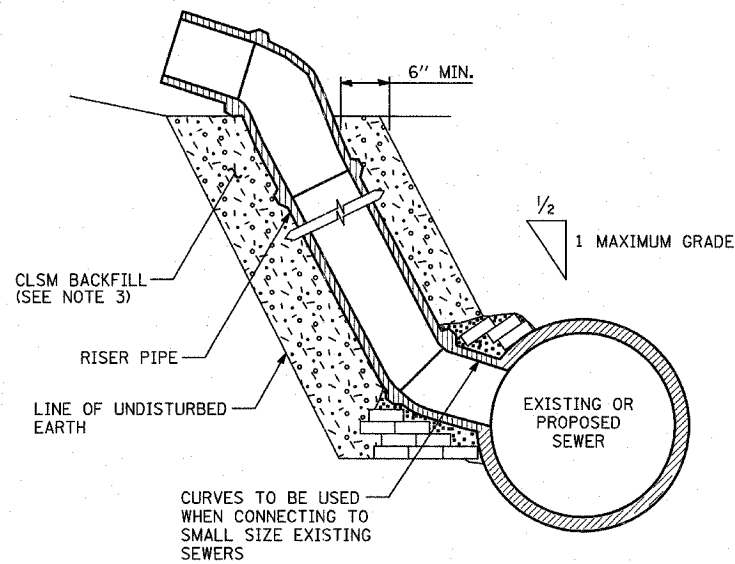
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**PLAN VIEW  
DETAIL 1**



**SECTION VIEW  
DETAIL 2**



**SECTION VIEW  
DETAIL 3**

**DETAILS OF PROPOSED STORM SEWER CONNECTIONS  
TO EXISTING/PROPOSED SEWERS**

**NOTES:**

**DESCRIPTION:**

ALL CATCH BASIN CONNECTIONS SHALL BE 12 INCH STORM SEWER PIPE, UNLESS SHOWN OR SPECIFIED OTHERWISE ON PLAN SHEETS.

**CONSTRUCTION METHODS:**

1. CONNECTION TO PROPOSED STORM SEWER: WHERE A STORM SEWER CONNECTION IS TO BE MADE TO A PROPOSED STORM SEWER, A "Y" BRANCH SECTION OR A SECTION WITH AN OPENING MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED OF THE PROPER DIAMETER SHALL BE INSTALLED IN THE SEWER AT THE JUNCTION PROVIDING THE TYPE OF PIPE USED IS MANUFACTURED WITH "Y" BRANCHES OR WITH OPENING MADE IN THE PIPE.

THE JUNCTION OF THE PROPOSED STORM SEWER CONNECTION WITH THE PROPOSED STORM SEWER SHALL BE CONSTRUCTED AS FOLLOWS:

a. SIMILAR TO DETAIL 1 AND DETAIL 2 TO THE LEFT EXCEPT NO BRICK WILL BE REQUIRED IF SECTIONS WITH "Y" BRANCHES OR SECTIONS WITH OPENINGS MADE IN THE PIPE ARE USED.

b. SAME AS DETAIL 3 TO THE LEFT.

2. CONNECTION TO EXISTING SEWER: WHERE A STORM SEWER CONNECTION IS TO BE MADE TO AN EXISTING SEWER, A CIRCULAR OPENING SHALL BE MADE IN THE EXISTING SEWER OF THE SAME SIZE AS THE INTERNAL DIAMETER OF THE PROPOSED STORM SEWER CONNECTION.

IF THE EXISTING SEWER PIPE IS DAMAGED BY THE CONTRACTOR IN MAKING THIS CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THIS SECTION OF PIPE WITH A PIPE EQUAL TO AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER. THE CONTRACTOR SHALL DO THIS WORK IN A CAREFUL WORKMANLIKE MANNER WITHOUT EXTRA COMPENSATION.

THE JOINT BETWEEN THE EXISTING SEWER AND THE PROPOSED SEWER SHALL BE COMPLETELY SEALED WITH BRICK AS SHOWN ABOVE. BRICK GRADE SW, OR CONCRETE BUILDING BRICK GRADE A, SHALL BE LAID IN MORTAR THE SAME AS SPECIFIED FOR BRICK MASONRY UNDER ARTICLE 602.05 OF THE STANDARD SPECIFICATIONS.

3. ALL CLSM REQUIRED SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN SEWER PAY ITEM.

**BASIS OF PAYMENT.**

ALL FITTINGS SUCH AS ELBOWS AND CURVES SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR STORM SEWER MEASURED IN PLACE.

THE COST OF MAKING ALL JUNCTIONS WITH EXISTING OR PROPOSED SEWERS, MANHOLES OR CATCH BASINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR STORM SEWER.

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### DRAINAGE STRUCTURE SCHEDULE

| STRUCTURE NUMBER | STATION    | OFFSET   | STRUCTURE TYPE |      | DIA. | FRAME & LID | TOP OF FRAME | N INV. | E INV. | S INV. | W INV. |
|------------------|------------|----------|----------------|------|------|-------------|--------------|--------|--------|--------|--------|
|                  |            |          | MH             | CB   |      |             |              |        |        |        |        |
| 413              | 2354+99.58 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | 1.20         |        | -4.23  |        |        |
| 421              | 2356+99.57 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | 0.08         |        | -5.83  |        |        |
| 422              | 2358+81.10 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -1.37        | -7.85  | -7.85  |        |        |
| 423              | 2358+83.84 | 82.3 RT  |                | A    | 4'   | T20 F&G     | -1.91        |        | -8.22  |        | -8.22  |
| 424              | 2357+94.72 | 84.1 RT  |                | A    | 4'   | T20 F&G     | -1.24        |        | -7.84  |        |        |
| 431              | 2360+97.79 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -3.66        |        | -10.76 |        |        |
| 432              | 2360+97.79 | 80.0 RT  |                | A    | 4'   | T20 F&G     | -4.19        | -11.12 |        |        | -11.12 |
| 433              | 2363+07.29 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -6.24        |        | -13.34 |        |        |
| 434              | 2363+05.92 | 80.0 RT  |                | A    | 4'   | T20 F&G     | -6.75        |        | -13.70 |        | -13.70 |
| 435              | 2362+99.24 | 85.6 RT  | A              |      | 5'   | T1F CL      | -6.83        | -17.79 | -13.57 | -18.29 | -13.73 |
| 436              | 2364+77.04 | 85.6 RT  | A              |      | 4'   | T1F CL      | -8.68        |        |        | -17.10 | -15.90 |
| 437              | 2364+82.96 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -8.41        |        | -15.51 |        | -15.51 |
| 438              | 2364+82.95 | 80.0 RT  |                | A    | 4'   | T20 F&G     | -8.90        |        |        | -15.87 | -15.87 |
| 439              | NOT USED   | -        | -              | -    | -    | -           | -            | -      | -      | -      | -      |
| 4310             | 2363+03.44 | 91.7 RT  |                | C    | 2'   | T1F OL      | -7.05        |        |        |        | -13.55 |
| 441              | 2336+25.09 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -9.57        |        | -16.67 |        |        |
| 442              | 2336+25.09 | 80.0 RT  |                | A    | 4'   | T20 F&G     | -10.10       | -17.03 |        |        | -17.03 |
| 443              | NOT USED   | -        | -              | -    | -    | -           | -            | -      | -      | -      | -      |
| 444              | 2367+38.58 | 104.8 RT | A              |      | 4'   | T1F CL      | -2.37        |        |        | -17.53 | -17.53 |
| 445              | 2366+91.87 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -9.67        | -15.58 |        | -15.58 |        |
| 446              | 2366+71.87 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -9.67        | -15.52 |        |        |        |
| 447              | 2366+81.87 | 10.0 LT  |                | A(7) | 4'   | T20 F&G     | -9.67        | -15.55 |        | -15.55 |        |

### STORM SEWER SCHEDULE

| PIPE NUMBER | UPSTREAM STATION | DOWNSTREAM STATION | TYPE | DIA. (IN) | LENGTH (FT) | SLOPE % | T.B. (CU.YD) |
|-------------|------------------|--------------------|------|-----------|-------------|---------|--------------|
| 412         | 2351+87.69       | 2351+96.03         | 2    | 15        | 74          | 0.44    | 24.3         |
| 413         | 2354+99.58       | 2354+98.02         | 2    | 15        | 73          | 0.44    | 24.0         |
| 421         | 2356+99.57       | 2356+93.25         | 2    | 15        | 71          | 0.44    | 23.4         |
| 422         | 2358+81.10       | 2358+83.84         | 2    | 15        | 85          | 0.44    | 28.0         |
| 423         | 2358+83.84       | 2358+88.06         | 2    | 15        | 3           | 0.44    | 1.0          |
| 424         | 2358+88.83       | 2358+81.10         | 2    | 15        | 9           | 0.44    | 2.6          |
| 431         | 2360+97.79       | 2360+97.79         | 2    | 15        | 82          | 0.44    | 27.0         |
| 432         | 2360+97.79       | 2361+18.01         | 2    | 15        | 17          | 0.44    | 5.6          |
| 433         | 2363+07.29       | 2363+05.92         | 2    | 15        | 82          | 0.44    | 27.0         |
| 434         | 2363+05.92       | 2362+99.24         | 2    | 15        | 6           | 0.44    | 2.0          |
| 435         | 2362+99.24       | 2361+18.01         | 3    | 24        | 177         | 0.30    | 423.9        |
| 436         | 2364+77.04       | 2362+99.24         | 2    | 18        | 173         | 0.40    | 272.6        |
| 437         | 2364+82.96       | 2364+82.95         | 2    | 15        | 82          | 0.44    | 27.0         |
| 438         | 2364+82.95       | 2364+77.04         | 2    | 15        | 6           | 0.44    | 2.0          |
| 439         | 2364+83.16       | 2364+82.96         | 2    | 15        | 5           | 0.44    | 1.3          |
| 4310        | 2363+03.44       | 2362+99.24         | 2    | 12        | 4           | 0.44    | 0            |
| 441         | 2336+25.09       | 2336+25.09         | 2    | 15        | 82          | 0.44    | 27.0         |
| 442         | 2336+25.09       | 2367+38.58         | 2    | 15        | 113         | 0.44    | 5.9          |
| 443         | NOT USED         | -                  | -    | -         | -           | -       | -            |
| 444         | 2367+38.58       | 2367+38.55         | 3    | 15        | 3           | 0.44    | 0            |
| 445         | 2366+91.87       | 2367+00.00         | 2    | 15        | 7           | 0.44    | 2.3          |
| 446         | 2366+71.87       | 2366+81.87         | 2    | 15        | 6           | 0.44    | 2.0          |
| 447         | 2366+81.87       | 2366+91.87         | 2    | 15        | 6           | 0.44    | 2.0          |

### NOTES:

- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
- INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
- INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
- INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
- ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

### CASING SIZES

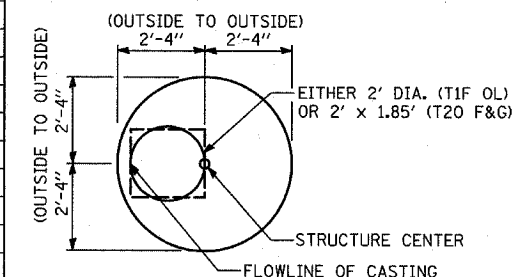
| PIPE SIZE | CASING SIZE (OD)* | CASING WALL THICKNESS |
|-----------|-------------------|-----------------------|
| 12"       | 30"               | 0.500"                |
| 24"       | 42"               | 0.625"                |
| 30"       | 48"               | 0.688"                |
| 36"       | 48"               | 0.688"                |

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

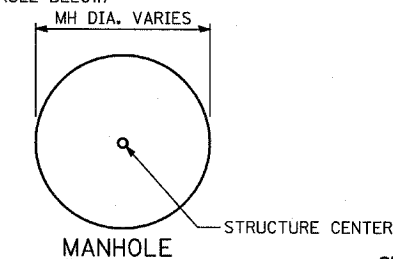
CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASING. (SEE BELOW)

FLOWLINE OF CASING IS LOCATED AT 1/4 OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



**CATCH BASIN**  
(PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



**MANHOLE**

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

SCALE: NONE  
DATE: MARCH 7, 2006  
DRAWN BY: RD  
CHECKED BY: DA



EXISTING ABANDONED STORM SEWER SCHEDULE  
(REQUIRE CLSM)

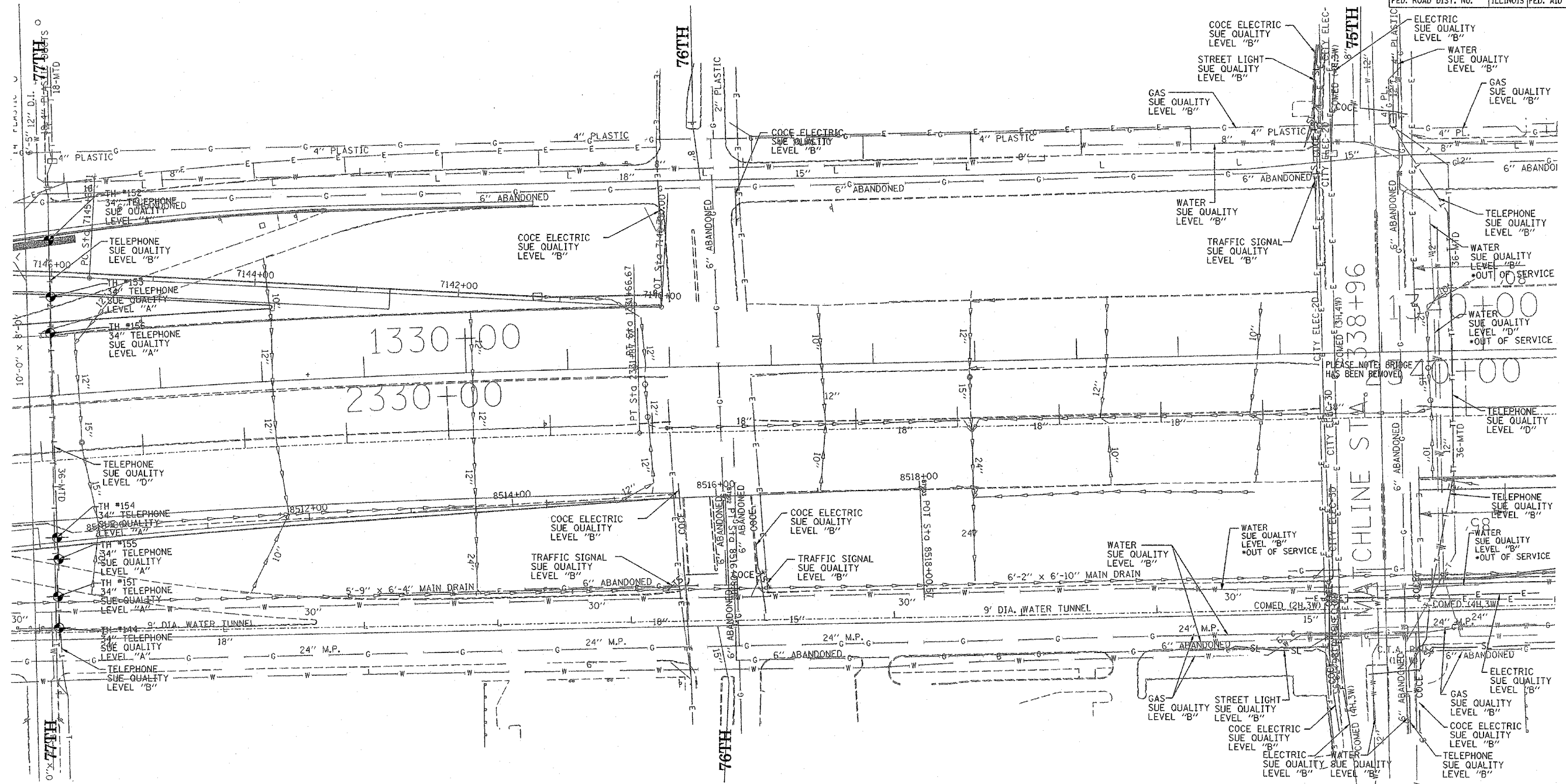
| UPSTREAM STATION | OFFSET   | DIA. (IN) | LENGTH (FT) | CLSM (CY) |
|------------------|----------|-----------|-------------|-----------|
| 2318+89.99       | 5.84 LT  | 18        | 206         | 13.5      |
| 2318+99.20       | 1.01 LT  | 12        | 10          | 0.3       |
| 2320+89.83       | 6.32 LT  | 18        | 200.00      | 13.09     |
| 2322+67.12       | 5.7 LT   | 18        | 177         | 11.6      |
| 2324+40.37       | 5.29 LT  | 18        | 173         | 11.3      |
| 2333+70.36       | 5.17 LT  | 18        | 136         | 8.9       |
| 2332+06.28       | 4.64 LT  | 18        | 164         | 10.7      |
| 2336+40.26       | 5.79 LT  | 18        | 119         | 7.8       |
| 2337+87.12       | 5.65 LT  | 18        | 147         | 9.6       |
| 2339+50.62       | 4.12 LT  | 18        | 163         | 10.7      |
| 2339+65.84       | 8.06 LT  | 18        | 16          | 1.0       |
| 2347+88.42       | 5.49 LT  | 24        | 150         | 17.5      |
| 2347+95.77       | 13.98 LT | 15        | 11          | 0.5       |
| 2349+88.00       | 5.71 LT  | 18        | 200         | 13.1      |
| 2351+86.74       | 4.54 LT  | 18        | 199         | 13.0      |
| 2351+95.94       | 7.47 LT  | 12        | 10          | 0.3       |
| 2358+89.14       | 69.72 RT | 24        | 208         | 24.2      |
| 2360+96.56       | 68.02 RT | 24        | 15          | 1.7       |
| 2363+07.49       | 6.69 LT  | 15        | 77          | 3.5       |
| 2363+84.39       | 6.67 LT  | 18        | 99          | 6.5       |
| 2364+82.96       | 5.5 LT   | 18        | 155         | 10.1      |
| 2366+26.58       | 49.84 RT | 24        | 46          | 5.4       |

EXISTING STORM SEWER REMOVAL SCHEDULE  
(REQUIRE IN-PLACE TRENCH BACKFILL)

| UPSTREAM STATION | OFFSET   | DIA. (IN) | LENGTH (FT) | T.B. (CY) |
|------------------|----------|-----------|-------------|-----------|
| 2319+00.97       | 49.09 RT | 12        | 56          | 13.2      |
| 2321+01.14       | 0.82 LT  | 15        | 13          | 3.1       |
| 2324+42.21       | 10.48 LT | 12        | 6           | 1.4       |
| 2324+52.10       | 6.33 LT  | 12        | 11          | 2.6       |
| 2324+49.64       | 0.68 LT  | 12        | 10          | 2.4       |
| 2324+72.21       | 65.71 RT | 12        | 70          | 13.0      |
| 2326+40.10       | 15.33 LT | 15        | 8           | 2.1       |
| 2326+40.58       | 7.04 LT  | 15        | 76          | 12.7      |
| 2327+35.83       | 63.5 RT  | 12        | 10          | 1.3       |
| 2331+63.23       | 68.76 RT | 12        | 42          | 8.4       |
| 2331+98.54       | 60.53 RT | 12        | 11          | 2.5       |
| 2331+95.64       | 15.18 LT | 12        | 7           | 1.7       |
| 2331+96.58       | 7.98 LT  | 18        | 10          | 2.9       |
| 2333+70.11       | 10.43 LT | 12        | 5           | 1.2       |
| 2335+05.77       | 6.46 LT  | 18        | 14          | 3.4       |
| 2335+13.08       | 15.35 LT | 15        | 18          | 4.7       |
| 2335+14.23       | 5.4 RT   | 24        | 76          | 13.3      |
| 2335+21.55       | 7.52 LT  | 18        | 13          | 3.2       |
| 2334+91.29       | 59.93 RT | 12        | 29          | 5.2       |
| 2335+19.87       | 59.94 RT | 12        | 12          | 2.1       |
| 2336+49.09       | 67.49 RT | 12        | 135         | 20.5      |
| 2337+90.39       | 71.04 RT | 12        | 141         | 18.6      |
| 2336+49.63       | 60.05 RT | 10        | 61          | 9.9       |
| 2336+48.14       | 0.65 LT  | 10        | 9           | 1.9       |
| 2337+98.19       | 0.62 LT  | 12        | 12          | 2.6       |
| 2337+91.68       | 60.73 RT | 12        | 62          | 9.4       |
| 2336+40.90       | 10.48 LT | 12        | 5           | 0.8       |
| 2337+87.88       | 10.43 LT | 10        | 5           | 1.1       |
| 2341+30.04       | 12.84 LT | 12        | 6           | 1.3       |
| 2341+21.03       | 59.86 RT | 15        | 10          | 2.1       |
| 2343+58.08       | 55.65 RT | 15        | 228         | 53.8      |
| 2343+67.75       | 8.77 LT  | 12        | 65          | 11.2      |
| 2343+90.12       | 78.94 RT | 10        | 40          | 5.4       |
| 2343+70.35       | 70.16 RT | 10        | 16          | 2.6       |
| 2343+70.35       | 70.16 RT | 15        | 61          | 7.4       |
| 2346+34.77       | 9.6 LT   | 12        | 5           | 1.2       |
| 2346+38.15       | 5.47 RT  | 24        | 68          | 20.0      |
| 2347+98.28       | 0.89 LT  | 12        | 11          | 2.6       |
| 2348+73.00       | 75.87 RT | 12        | 80          | 10.6      |
| 2349+99.14       | 0.92 LT  | 12        | 12          | 2.6       |
| 2350+52.43       | 61.35 RT | 12        | 82          | 14.2      |
| 2354+95.81       | 61.75 RT | 12        | 22          | 4.3       |
| 2355+11.53       | 72.61 RT | 12        | 8           | 1.6       |
| 2355+16.99       | 67.05 RT | 18        | 192         | 54.0      |
| 2356+98.90       | 61.91 RT | 12        | 11          | 2.6       |
| 2357+08.51       | 67.12 RT | 18        | 181         | 50.9      |
| 2358+12.55       | 84.64 RT | 10        | 19          | 3.1       |
| 2358+89.14       | 69.72 RT | 12        | 11          | 2.6       |
| 2358+83.06       | 79.32 RT | 12        | 6           | 1.0       |
| 2359+00.90       | 72.02 RT | 10        | 12          | 2.6       |
| 2359+43.10       | 71.71 RT | 12        | 19          | 3.6       |
| 2360+87.46       | 80.96 RT | 12        | 16          | 3.8       |
| 2364+83.16       | 14.75 LT | 15        | 9           | 2.3       |
| 2364+37.30       | 73.3 RT  | 12        | 46          | 7.0       |
| 2366+81.01       | 60.45 RT | 12        | 34          | 5.2       |

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|---------------------|---------------------------|--------|--------------|-----------|
| F.A. RTE.           | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1516, 1717 & 1818-6 |                           | Cook   | 265          | 129       |
| STA.                | TO STA.                   |        |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |        |              |           |



TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

\*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.

**TBE** CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL PLANNING \* UTILITY ENGINEERING/LOCATING  
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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 15 of 36  
 Checked by: *[Signature]*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

|      |      |                          |
|------|------|--------------------------|
| TS   | TS   | TRAFFIC SIGNAL           |
| SL   | SL   | STREET LIGHT             |
| COCE | COCE | CITY OF CHICAGO ELECTRIC |
| T    | T    | TELEPHONE                |
| W    | W    | WATER                    |
|      |      | GAS                      |
| CTV  | CTV  | CABLE TELEVISION         |
| FO   | FO   | FIBER OPTIC              |
| E    | E    | ELECTRIC                 |
|      |      | TEST HOLE                |

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205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

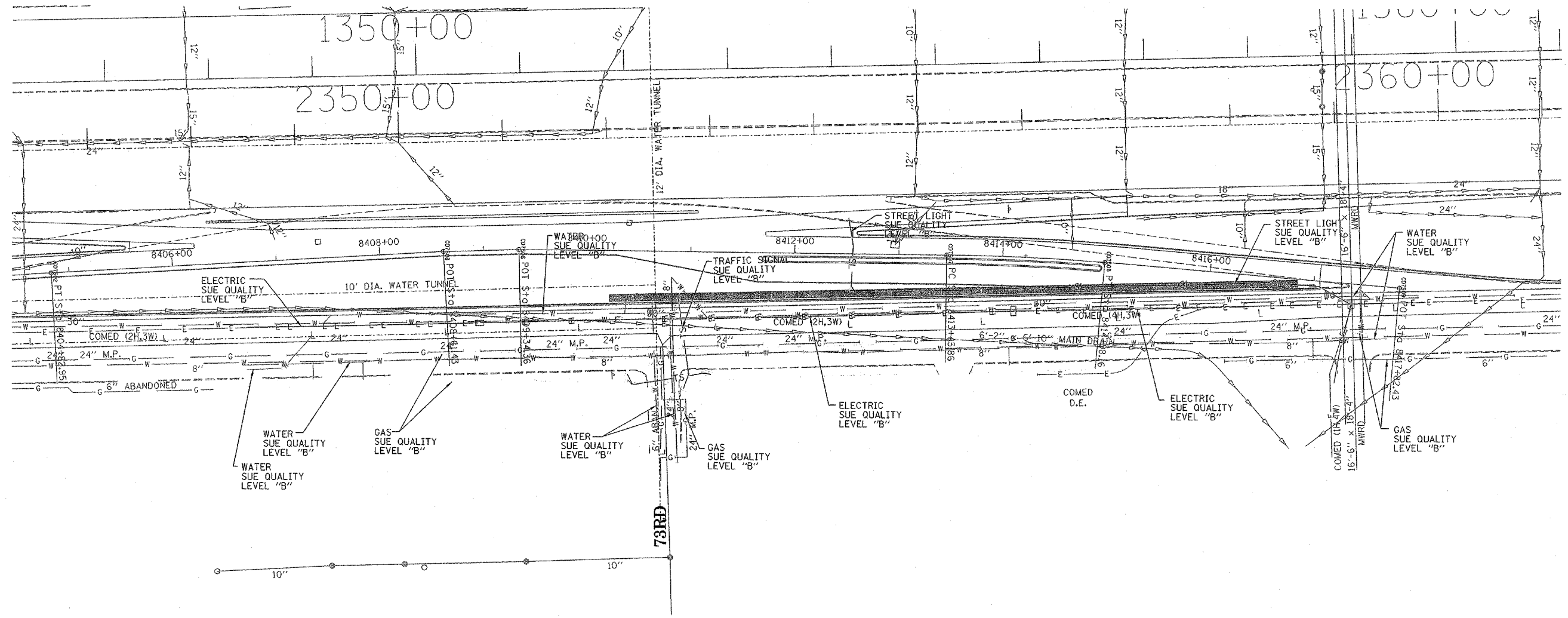
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-94 NB & SB of Dan Ryan Expressway  
 From I-57 to 43rd Street  
 Contract No: 62586, 62589, 62590, 62594, 62693

SQL "A" DATE : 3/14/05  
 SQL "B" DATE : 7/22/04

DRAWN BY : KLC  
 SCALE : 1" = 50'

|                     |                      |                           |              |           |
|---------------------|----------------------|---------------------------|--------------|-----------|
| F.A. RTE.           | SECTION              | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|                     | (1516,1717 & 1818-6) | Cook                      | 265          | 130       |
| STA.                |                      | TO STA.                   |              |           |
| FED. ROAD DIST. NO. |                      | ILLINOIS FED. AID PROJECT |              |           |



TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.




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 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY  
 PA, VA, CANADA  
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 16 of 36  
 Checked by: *Sandra A. P.*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

|        |       |                          |
|--------|-------|--------------------------|
| —TS—   | —TS—  | TRAFFIC SIGNAL           |
| —SL—   | —SL—  | STREET LIGHT             |
| —COCE— |       | CITY OF CHICAGO ELECTRIC |
| —T—    | —T—   | TELEPHONE                |
| —W—    |       | WATER                    |
|        |       | GAS                      |
| —CTV—  | —CTV— | CABLE TELEVISION         |
| —FO—   | —FO—  | FIBER OPTIC              |
| —E—    | —E—   | ELECTRIC                 |
| ⊙      |       | TEST HOLE                |

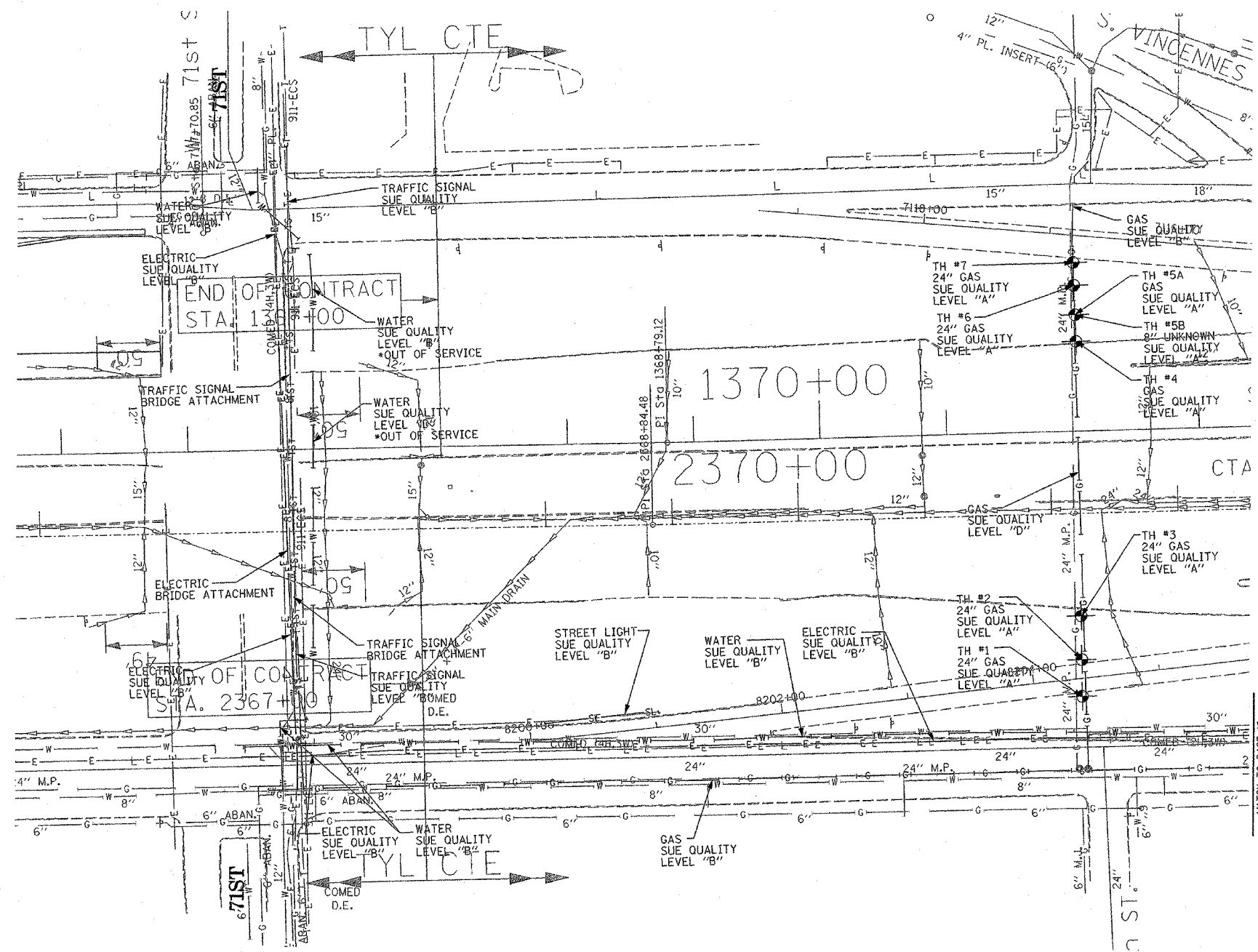
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

  
 205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-94 NB & SB of Dan Ryan Expressway  
 From I-57 to 43rd Street  
 Contract No: 62586, 62589, 62590, 62594, 62693  
 SOL "B" DATE : 7/22/04  
 DRAWN BY : KLC  
 SCALE : 1" = 50'

|                     |                    |                  |              |           |
|---------------------|--------------------|------------------|--------------|-----------|
| F.A. RTE.           | SECTION            | COUNTY           | TOTAL SHEETS | SHEET NO. |
|                     | 0516,1177 & 1818-6 | Cook             | 265          | 131       |
| STA.                | TO STA.            |                  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS           | FED. AID PROJECT |              |           |



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IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 232  
 TBE SUE PAGE NO: 17 of 36

Checked by: *Sandra...*

SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

|        |       |                          |
|--------|-------|--------------------------|
| —TS—   | —TS—  | TRAFFIC SIGNAL           |
| —SL—   | —SL—  | STREET LIGHT             |
| —COCE— |       | CITY OF CHICAGO ELECTRIC |
| —T—    | —T—   | TELEPHONE                |
| —W—    | —W—   | WATER                    |
| —G—    | —G—   | GAS                      |
| —CTV—  | —CTV— | CABLE TELEVISION         |
| —FO—   | —FO—  | FIBER OPTIC              |
| —E—    | —E—   | ELECTRIC                 |
| ●      |       | TEST HOLE                |

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TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

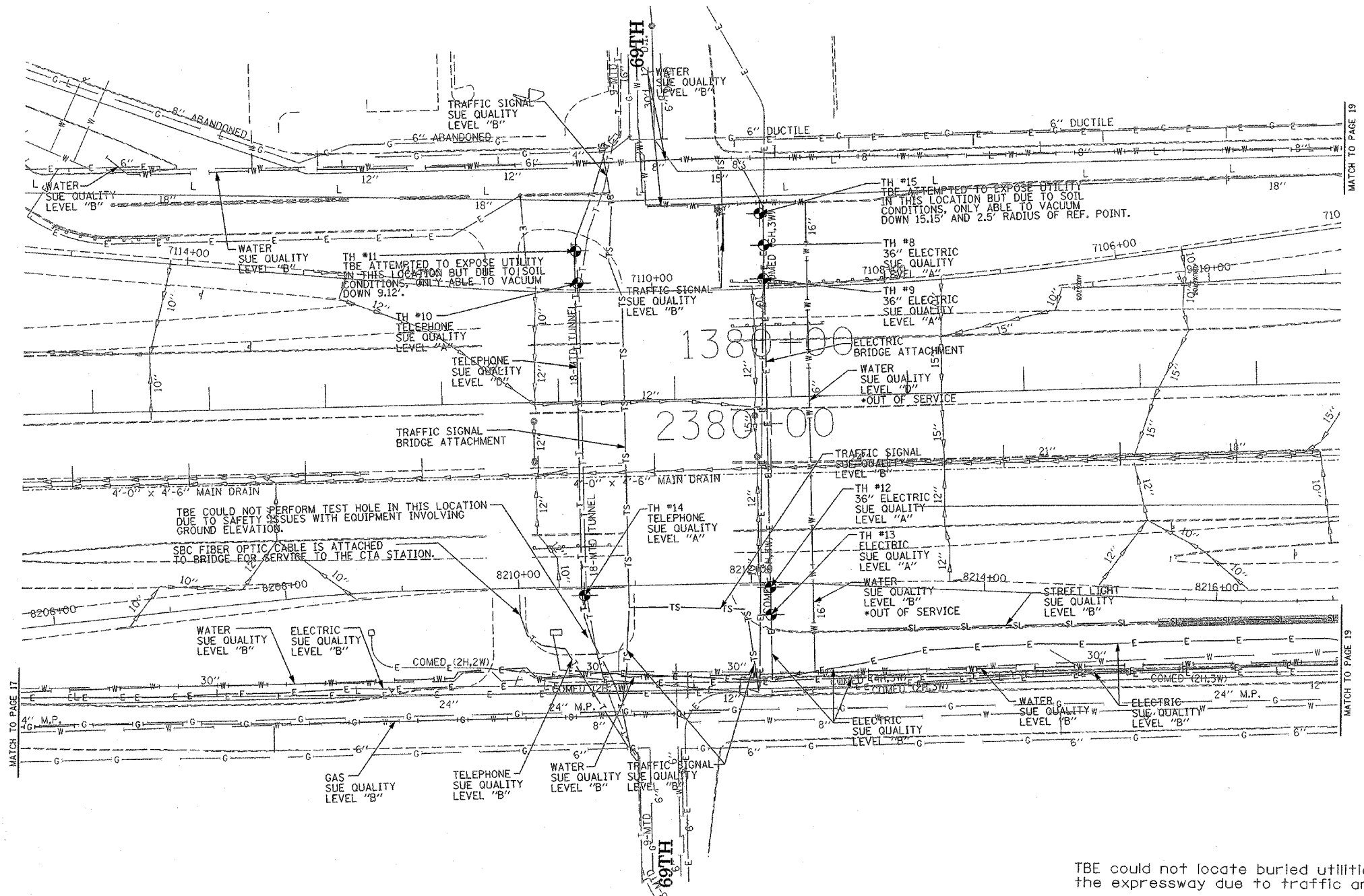
\*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.

205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-94 NB & SB of Dan Ryan Expressway  
 From I-57 to 43rd Street  
 Contract No: 62586, 62589, 62590, 62594, 62693  
 SOL "A" DATE : 3/19/04  
 SOL "B" DATE : 7/22/04  
 DRAWN BY : KLC  
 SCALE : 1" = 50'

|                     |                           |        |              |           |
|---------------------|---------------------------|--------|--------------|-----------|
| F.A. RTE.           | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 11516,1177 & 1818-6 |                           | Cook   | 265          | 132       |
| STA.                | TO STA.                   |        |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |        |              |           |



TBE could not locate buried utilities directly beneath the expressway due to traffic and safety issues.

\*At the time of Quality Level "B" SUE services, the water lines were active. The lines, however, are now expected to be out of service per IDOT.

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 IL09500164, 167, 168, 170, 171, 179, 180, 182, 204,  
 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232  
 TBE SUE PAGE NO: 18 of 36  
 Checked by: *Sandra...*  
 SUE Quality Level "A" : Test Holes  
 SUE Quality Level "B" : Designating

|        |       |                          |
|--------|-------|--------------------------|
| —TS—   | —TS—  | TRAFFIC SIGNAL           |
| —SL—   | —SL—  | STREET LIGHT             |
| —COCE— |       | CITY OF CHICAGO ELECTRIC |
| —T—    | —T—   | TELEPHONE                |
| —W—    | —W—   | WATER                    |
| —G—    | —G—   | GAS                      |
| —CTV—  | —CTV— | CABLE TELEVISION         |
| —FO—   | —FO—  | FIBER OPTIC              |
| —E—    | —E—   | ELECTRIC                 |
| ⊙      |       | TEST HOLE                |

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205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-94 NB & SB of Dan Ryan Expressway  
 From I-57 to 43rd Street  
 Contract No: 62586, 62589, 62590, 62594, 62693  
 SQL "A" DATE : 6/09/04  
 SQL "B" DATE : 7/22/04  
 DRAWN BY : KLC  
 SCALE : 1" = 50'







VERIFIED UTILITY INFORMATION

| TEST HOLE # | SIZE & TYPE | NORTHING    | EASTING     | TOP OF UTILITY | EXISTING CUT | REFERENCE GROUND ELEVATION | COMMENTS              |
|-------------|-------------|-------------|-------------|----------------|--------------|----------------------------|-----------------------|
| 110         | 24" BT      | 1841825.430 | 1177895.600 | -4.15'         | 4.72'        | 0.57'                      | SUE QUALITY LEVEL "A" |
| 111         | 24" BT      | 1841825.960 | 1177908.730 | 1.05'          | 4.44'        | 5.49'                      | SUE QUALITY LEVEL "A" |
| 112         | SEE NOTE BT | 1844068.060 | 1177841.750 | ---            | 6.79'        | 2.89'                      | CLEARANCE DEPTH ONLY  |
| 113         | SEE NOTE BT | 1844066.820 | 1177850.390 | ---            | 8.03'        | 5.95'                      | CLEARANCE DEPTH ONLY  |
| 114         | 24" BT      | 1847363.280 | 1177793.270 | -13.55'        | 5.33'        | -8.22'                     | SUE QUALITY LEVEL "A" |
| 115         | 24" BT      | 1847363.890 | 1177740.570 | -12.87'        | 7.00'        | -5.87'                     | SUE QUALITY LEVEL "A" |
| 116         | 24" BT      | 1847364.010 | 1177750.010 | -13.15'        | 10.51'       | -2.64'                     | SUE QUALITY LEVEL "A" |
| 117         | 24" BT      | 1847354.070 | 1177540.800 | -12.62'        | 4.98'        | -7.64'                     | SUE QUALITY LEVEL "A" |
| 118         | 24" BT      | 1847354.020 | 1177532.210 | -11.52'        | 4.52'        | -7.00'                     | SUE QUALITY LEVEL "A" |
| 119         | 24" BT      | 1841818.360 | 1177704.030 | -6.42'         | 4.55'        | -1.87'                     | SUE QUALITY LEVEL "A" |
| 120         | 24" BT      | 1841818.190 | 1177694.600 | -5.43'         | 5.12'        | -0.31'                     | SUE QUALITY LEVEL "A" |
| 121         | 24" E       | 1844061.030 | 1177617.950 | -1.50'         | 6.67'        | 5.17'                      | SUE QUALITY LEVEL "A" |
| 122         | (3) 1" E    | 1840742.250 | 1177446.860 | 10.93'         | 4.47'        | 15.40'                     | SUE QUALITY LEVEL "A" |
| 123         | (2)2.5" E   | 1840753.910 | 1177452.070 | 12.73'         | 2.88'        | 15.61'                     | SUE QUALITY LEVEL "A" |
| 124         | 2" BT       | 1840831.420 | 1177479.340 | 13.17'         | 2.57'        | 15.74'                     | SUE QUALITY LEVEL "A" |
| 125         | 2" E        | 1840820.710 | 1177506.720 | 5.90'          | 3.01'        | 8.91'                      | SUE QUALITY LEVEL "A" |
| 126         | 2" E        | 1840804.920 | 1177597.800 | 0.06'          | 3.54'        | 3.60'                      | SUE QUALITY LEVEL "A" |
| 127         | (3) 1" E    | 1840788.150 | 1177588.790 | 0.28'          | 3.56'        | 3.84'                      | SUE QUALITY LEVEL "A" |
| 128         | 2" E        | 1840818.210 | 1177530.500 | 0.02'          | 1.85'        | 1.87'                      | SUE QUALITY LEVEL "A" |
| 129         | 2" E        | 1840816.460 | 1177545.960 | 0.42'          | 1.74'        | 2.16'                      | SUE QUALITY LEVEL "A" |
| 130         | SEE NOTE BT | 1839700.920 | 1178266.540 | ---            | 10.98'       | -7.69'                     | CLEARANCE DEPTH ONLY  |
| 131         | SEE NOTE BT | 1839752.990 | 1178287.460 | ---            | 11.56'       | -8.92'                     | CLEARANCE DEPTH ONLY  |
| 132         | 18" G       | 1852714.050 | 1177342.550 | 0.87'          | 7.94'        | 8.81'                      | SUE QUALITY LEVEL "A" |
| 133         | 18" G       | 1852719.380 | 1177340.460 | 1.09'          | 8.36'        | 9.45'                      | SUE QUALITY LEVEL "A" |
| 134         | 8" G        | 1847348.900 | 1177540.960 | -13.64'        | 6.05'        | -7.59'                     | SUE QUALITY LEVEL "A" |
| 135         | 8" G        | 1847348.540 | 1177532.100 | -11.04'        | 4.42'        | -6.62'                     | SUE QUALITY LEVEL "A" |
| 136         | 8" G        | 1847347.120 | 1177490.770 | 1.16'          | 7.28'        | 8.44'                      | SUE QUALITY LEVEL "A" |
| 137         | 18" G       | 1852715.850 | 1177387.130 | -13.52'        | 7.22'        | -6.30'                     | SUE QUALITY LEVEL "A" |
| 138         | 18" G       | 1852720.360 | 1177378.410 | -11.64'        | 7.05'        | -4.59'                     | SUE QUALITY LEVEL "A" |
| 139         | 18" G       | 1852715.890 | 1177378.870 | -10.80'        | 6.30'        | -4.50'                     | SUE QUALITY LEVEL "A" |
| 140         | 18" G       | 1852720.130 | 1177387.470 | -13.53'        | 7.46'        | -6.07'                     | SUE QUALITY LEVEL "A" |

VERIFIED UTILITY INFORMATION

| TEST HOLE # | SIZE & TYPE | NORTHING    | EASTING     | TOP OF UTILITY | EXISTING CUT | REFERENCE GROUND ELEVATION | COMMENTS              |
|-------------|-------------|-------------|-------------|----------------|--------------|----------------------------|-----------------------|
| 141         | 8" G        | 1847360.470 | 1177779.600 | 3.77'          | 4.76'        | 8.53'                      | SUE QUALITY LEVEL "A" |
| 142         | 18" G       | 1852781.450 | 1177624.740 | -0.09'         | 9.49'        | 9.40'                      | SUE QUALITY LEVEL "A" |
| 143         | 18" G       | 1852724.450 | 1177627.310 | -1.19'         | 10.92'       | 9.73'                      | SUE QUALITY LEVEL "A" |
| 144         | 34" BT      | 1853977.420 | 1177596.570 | 1.18'          | 8.13'        | 9.31'                      | SUE QUALITY LEVEL "A" |
| 145         | 18" G       | 1852725.400 | 1177579.740 | -14.03'        | 6.32'        | -7.71'                     | SUE QUALITY LEVEL "A" |
| 146         | 18" G       | 1852729.670 | 1177579.630 | -14.36'        | 6.93'        | -7.43'                     | SUE QUALITY LEVEL "A" |
| 147         | 18" G       | 1852729.620 | 1177588.130 | -12.06'        | 7.15'        | -4.91'                     | SUE QUALITY LEVEL "A" |
| 148         | 18" G       | 1852725.710 | 1177589.950 | -11.85'        | 7.38'        | -4.47'                     | SUE QUALITY LEVEL "A" |
| 149         | 8" G        | 1847359.120 | 1177733.980 | -13.27'        | 4.96'        | -8.31'                     | SUE QUALITY LEVEL "A" |
| 150         | 8" G        | 1847359.090 | 1177742.040 | -10.62'        | 5.02'        | -5.60'                     | SUE QUALITY LEVEL "A" |
| 151         | 34" BT      | 1853976.090 | 1177565.940 | -2.85'         | 4.64'        | 1.79'                      | SUE QUALITY LEVEL "A" |
| 152         | 34" BT      | 1853965.300 | 1177212.750 | 1.75'          | 6.56'        | 8.31'                      | SUE QUALITY LEVEL "A" |
| 153         | 34" BT      | 1853967.560 | 1177268.590 | -5.31'         | 4.54'        | -0.77'                     | SUE QUALITY LEVEL "A" |
| 154         | 34" BT      | 1853974.820 | 1177507.770 | -7.53'         | 5.75'        | -1.78'                     | SUE QUALITY LEVEL "A" |
| 155         | 34" BT      | 1853976.540 | 1177529.050 | -4.24'         | 5.72'        | 1.48'                      | SUE QUALITY LEVEL "A" |
| 156         | 34" BT      | 1853967.230 | 1177304.800 | -5.16'         | 4.11'        | -1.05'                     | SUE QUALITY LEVEL "A" |
| 157         | 30" G       | 1839844.630 | 1178297.170 | -11.94'        | 11.58'       | -0.36'                     | SUE QUALITY LEVEL "A" |
| 158         | 30" G       | 1839771.030 | 1178274.550 | -15.29'        | 6.58'        | -8.71'                     | SUE QUALITY LEVEL "A" |
| 159         | 30" G       | 1839779.300 | 1178277.090 | -15.12'        | 6.55'        | -8.57'                     | SUE QUALITY LEVEL "A" |
| 160         | NA G        | 1839815.630 | 1178285.320 | -0.56'         | 7.00'        | -7.56'                     | CLEARANCE ONLY        |
| 161         | 30" G       | 1839683.380 | 1178240.910 | -8.79'         | 10.86'       | -19.65'                    | SUE QUALITY LEVEL "A" |
| 162         | NA G        | 1839720.200 | 1178252.850 | -7.44'         | 7.00'        | -14.44'                    | CLEARANCE ONLY        |
| 163         | 30" G       | 1839633.400 | 1178223.490 | -10.63'        | 6.14'        | -16.77'                    | SUE QUALITY LEVEL "A" |
| 164         | 30" G       | 1839624.490 | 1178220.270 | -10.23'        | 6.61'        | -16.84'                    | SUE QUALITY LEVEL "A" |

TBE Project Information

TH#112 Utility not exposed, clearance depth of 6.79'.  
 TH#113 Utility not exposed, clearance depth of 8.03'.  
 TH#130 Utility not exposed, clearance depth of 10.98'.  
 TH#131 Utility not exposed, clearance depth of 11.56'.  
 TH#136 Unable to expose utility due to hard clay, probed and felt top and side of utility.  
 TH#145 & 146 Unable to expose utility due to water table at 3' +/-, but were able to feel the sides and top.  
 TH#160 & 162 Unable to expose utility due to hard clay, clearance of 7' given.  
 TH#161 Unable to expose utility due to water, but did feel the pipe.  
 TH#163 & 164 Unable to expose utility due to water, but did feel top and sides of 30" pipe.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

Illinois Department of Transportation

I-90 /94 (NB & SB of Dan Ryan Expressway)  
 Chicago-Cook County  
 Sec No: (2122-921 PT1) R, (2021-922 PT1,2)  
 Contract No. 62586, 62589, 62693, 62694, 62695  
 TBE Project No.: IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232

| REVISIONS |    |             |      |    |             |      |    |             |      |    |             |
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| DATE      | BY | DESCRIPTION | DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| 5/18/05   | SA | QA/QC       |      |    |             |      |    |             |      |    |             |



VERIFIED UTILITY LOCATIONS



|              |           |
|--------------|-----------|
| CONTRACT NO. | SHEET NO. |
| 62304        | 5         |

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**VERIFIED UTILITY INFORMATION**

| TEST HOLE # | SIZE & TYPE | NORTHING    | EASTING     | TOP OF UTILITY | EXISTING CUT | REFERENCE GROUND ELEVATION | COMMENTS  |
|-------------|-------------|-------------|-------------|----------------|--------------|----------------------------|---|
| 216         | *(2)18" BT  | 1839456.444 | 1172788.687 | -4.22'         | 6.61'        | 2.39'                      | SUE QUALITY LEVEL "A"   |
| 216A        | 2" E        | 1839456.388 | 1172786.011 | 0.02'          | 2.59'        | 2.61'                      | SUE QUALITY LEVEL "A"   |
| 217         | *36" BT     | 1839289.482 | 1172793.032 | -1.56'         | 4.43'        | 2.87'                      | SUE QUALITY LEVEL "A"   |
| 218         | *60" BT     | 1839389.227 | 1172789.927 | -3.28'         | 4.64'        | 1.37'                      | SUE QUALITY LEVEL "A"   |
| 218A        | 2" E        | 1839390.918 | 1172787.734 | -0.45'         | 1.94'        | 1.49'                      | SUE QUALITY LEVEL "A"   |
| 219         | BT          | ————        | ————        | ————           | 3.91'        | ————                       | NO SURVEY PER IDOT. S.B.EXPRESS LANES AT WENTWORTH AVE. RIGHT SHOULDER.                 |
| 220         | BT          | ————        | ————        | ————           | 7.78'        | ————                       | NO SURVEY PER IDOT. N.B.EXPRESS LANES AT WENTWORTH AVE. RIGHT SHOULDER.                 |
| 221         | BT          | ————        | ————        | ————           | 4.46'        | ————                       | NO SURVEY PER IDOT. N.B.LOCAL LANES AT ROOT ST. RIGHT SHOULDER.                         |
| 222         | BT          | ————        | ————        | ————           | 7.21'        | ————                       | NO SURVEY PER IDOT. N.B.EXPRESS LANES AT ROOT ST. RIGHT SHOULDER.                       |
| 223         | BT          | ————        | ————        | ————           | 5.95'        | ————                       | NO SURVEY PER IDOT. S.B.EXPRESS LANES AT ROOT ST. RIGHT SHOULDER.                       |
| 224         | 24" BT      | ————        | ————        | ————           | 7.00'        | ————                       | NO SURVEY PER IDOT. N.B.EXPRESS LANES AT 37TH ST. RIGHT SHOULDER. SUE QUALITY LEVEL "A" |
| 225         | 24" BT      | ————        | ————        | ————           | 6.84'        | ————                       | NO SURVEY PER IDOT. S.B.EXPRESS LANES AT 37TH ST. RIGHT SHOULDER. SUE QUALITY LEVEL "A" |
| 226         | BT          | ————        | ————        | ————           | 2.52'        | ————                       | NO SURVEY PER IDOT. N.B.LOCAL LANES AT 31ST ST. RIGHT SHOULDER.                         |
| 227         | 24" BT      | ————        | ————        | ————           | 4.17'        | ————                       | NO SURVEY PER IDOT. N.B.EXPRESS LANES AT 31ST ST. RIGHT SHOULDER. SUE QUALITY LEVEL "A" |
| 228         | 18" BT      | ————        | ————        | ————           | 4.07'        | ————                       | NO SURVEY PER IDOT. S.B.EXPRESS LANES AT 31ST ST. RIGHT SHOULDER. SUE QUALITY LEVEL "A" |
| 229         | 18" BT      | ————        | ————        | ————           | 3.16'        | ————                       | NO SURVEY PER IDOT. S.B.LOCAL LANES AT 31ST ST. RIGHT SHOULDER. SUE QUALITY LEVEL "A"   |

**NOTES**

\* Size given is duct width only.

TH#219 Found wooden piles, one was collapsed and we were able to probe top of BT duct inside Wooden box. Approximate depth of 7' top of duct and 3.91' to top of wooden piles.

TH#220 Found poured concrete over duct. Dug between local and express lanes. Depth taken from existing pavement on express lane at Wentworth Ave.

TH#221, 222, 223 & 226 Unable to see size and material due to water and hole caving in.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

Illinois Department of Transportation  
 I-90 /94 (NB & SB of Dan Ryan Expressway)  
 Chicago-Cook County  
 Sec No: (2122-921 PT1) R, (2021-922 PT1,2) (1818-ETC.) 2324 6-IP) R8&R9  
 Contract No. 62586, 62589, 62693, 62694, 62695, 62300, 62302, 62304  
 TBE Project No.: IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205, 206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 238, 239, 246

| DATE    |     | BY | DESCRIPTION | REVISIONS |    |             |      |    |             |      |    |             |
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| 2/10/06 | SJT |    |             |           |    |             |      |    |             |      |    |             |



**VERIFIED UTILITY LOCATIONS**

VERIFIED UTILITY INFORMATION

| TEST HOLE # | SIZE & TYPE | NORTHING    | EASTING     | OFFSET   | TOP OF UTILITY | EXISTING CUT | REFERENCE GROUND ELEVATION | COMMENTS              |
|-------------|-------------|-------------|-------------|----------|----------------|--------------|----------------------------|-----------------------|
| 230         | — E         | 1839771.480 | 1178282.900 | 40.98 RT | -14.59'        | 5.95'        | -8.64'                     | SEE NOTE              |
| 231         | — E         | 1839717.190 | 1178262.450 | 7.63 LT  | -16.67'        | 9.39'        | -7.28'                     | SEE NOTE              |
| 232         | 24 BT       | 1847362.650 | 1177722.670 | 54.90 RT | -13.90'        | 4.58'        | -9.32'                     | SUE QUALITY LEVEL "A" |
| 233         | — BT        | 1847364.070 | 1177666.640 | 1.06 LT  | -15.30'        | 6.00'        | -9.30'                     | SEE NOTE              |
| 233A        | — BT        | 1847359.460 | 1177663.330 | 4.50 LT  | -14.90'        | 5.50'        | -9.40'                     | SEE NOTE              |
| 234         | 24 BT       | 1847358.540 | 1177612.300 | 5.81 RT  | -17.19'        | 7.70'        | -9.49'                     | SEE NOTE              |
| 235         | 24 BT       | 1847354.940 | 1177556.570 | 50.00 LT | -14.25'        | 4.98'        | -9.27'                     | SEE NOTE              |
| 236         | 50 G        | 1842060.050 | 1177876.280 | 56.67 RT | -11.10'        | 8.03'        | -3.07'                     | SUE QUALITY LEVEL "A" |
| 237         | 16 G        | 1842055.250 | 1177879.140 | 59.39 RT | -11.77'        | 8.63'        | -3.14'                     | SUE QUALITY LEVEL "A" |
| 238         | 16 G        | 1842053.000 | 1177820.220 | 0.43 RT  | -10.82'        | 8.18'        | -2.64'                     | SEE NOTE              |
| 239         | 50 G        | 1842057.820 | 1177814.630 | 5.02 LT  | -10.68'        | 7.74'        | -2.94'                     | SEE NOTE              |
| 240         | 16 G        | 1842048.430 | 1177699.910 | 58.61 LT | -11.07'        | 7.86'        | -3.21'                     | SEE NOTE              |
| 241         | 50 G        | 1842054.250 | 1177699.450 | 58.90 LT | -10.21'        | 6.91'        | -3.30'                     | SUE QUALITY LEVEL "A" |
| 242         | 50 G        | 1842060.221 | 1177881.622 | 62.02 RT | -11.18'        | 7.90'        | -3.28'                     | SUE QUALITY LEVEL "A" |

NOTES

- TH# 230 COULD NOT SEE DUCT DUE TO EXCESSIVE GROUND WATER BUT PROBED AND FELT SIDES AND TOP OF 48" WIDE DUCT.
- TH# 231 COULD NOT SEE DUCT DUE TO EXCESSIVE GROUND WATER BUT PROBED AND FELT SIDES AND TOP OF 24" WIDE DUCT.
- TH# 233 & 233A WE WERE NOT ABLE TO EXCAVATE ANY DEEPER THAN DEPTHS RECORDED DUE TO EXTREMELY HARD SOIL CONDITIONS. WE HAD A DIFFICULT TIME PIN POINTING DUCT PACKAGE ELECTRONICALLY, THIS IS THE REASON WHY WE ATTEMPTED MULTIPLE HOLES IN THIS LOCATION.
- TH# 234 & 235 NOT ABLE TO SEE PHONE DUCT DUE TO EXCESSIVE WATER AND SAND CAVING IN, BUT PROBED AND WERE ABLE TO FEEL BOTH SIDES AND TOP OF 24" WIDE DUCT.
- TH# 238 & 240 NOT ABLE TO SEE GAS MAIN, BUT WAS ABLE TO TO PROBE AND FEEL SIDES AND TOP OF 16" MAIN.
- TH# 239 NOT ABLE TO SEE GAS MAIN, BUT WAS ABLE TO TO PROBE AND FEEL SIDES AND TOP OF 50" MAIN.

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.

VERIFIED UTILITY INFORMATION

138 of 265

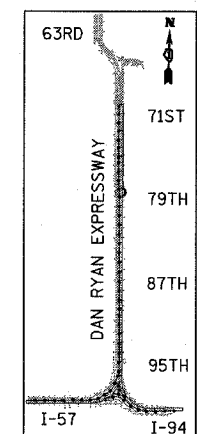
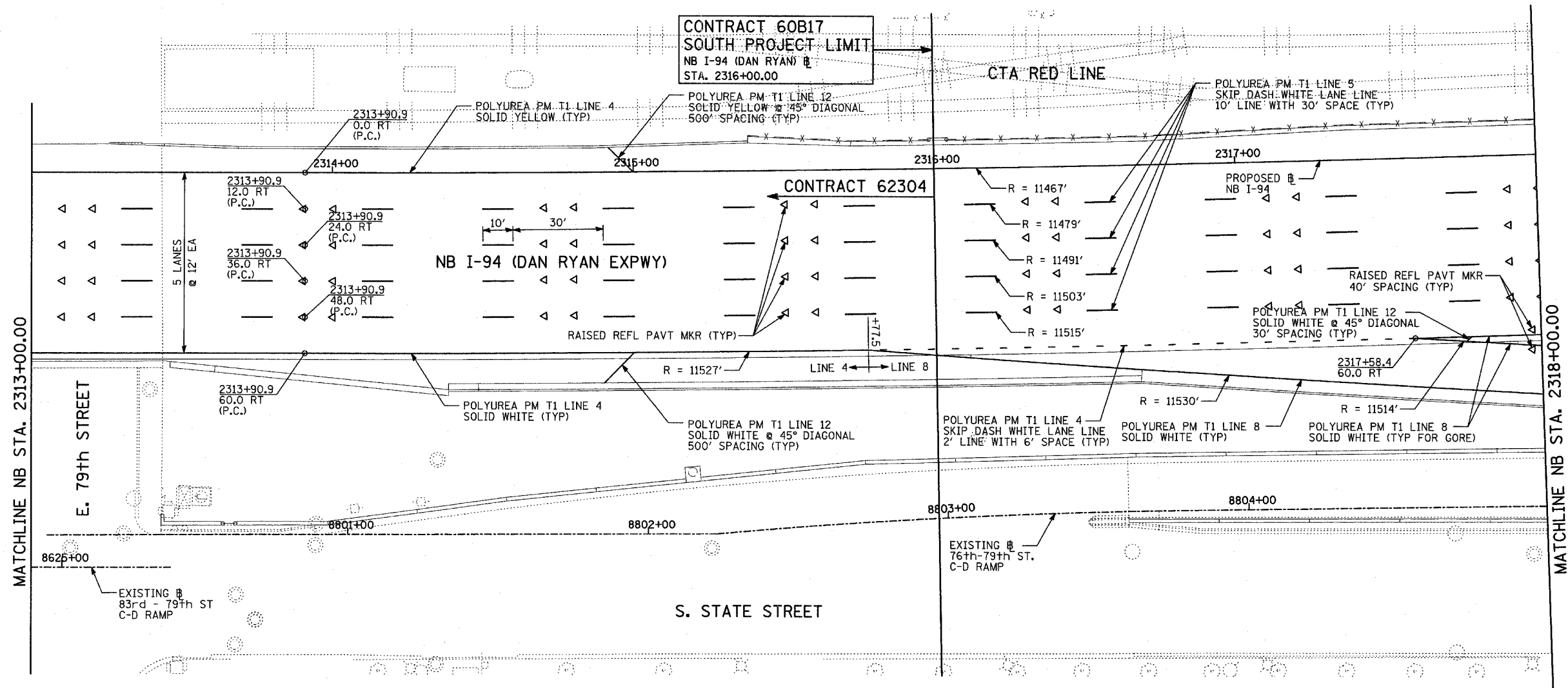
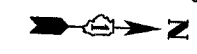
| TEST HOLE # | SIZE & TYPE | NORTHING | EASTING | OFFSET | TOP OF UTILITY | EXISTING CUT | REFERENCE GROUND ELEVATION | COMMENTS |
|-------------|-------------|----------|---------|--------|----------------|--------------|----------------------------|----------|
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**Illinois Department of Transportation**  
I-90 /94 (NB & SB of Dan Ryan Expressway)  
Chicago-Cook County  
Sec No: (2122-921 PT1) R, (2021-922 PTL2)  
Contract No. 62584, 62585, 62586, 62589, 62593, 62693, 62694, 62695  
TBE Project No.: IL09500164, 167, 168, 170, 171, 179, 180, 182, 204, 205,  
206, 211, 212, 219, 221, 225, 226, 227, 228, 230, 232, 235, 237, 238, 248, 249

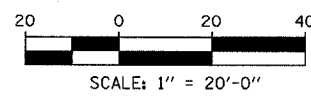
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| 10/16/06 |  | SA |             |      |    |             |      |    |             |      |    |             |      |    |             |

**TBE** TBE GROUP, INC.  
SOUTHERN REGION: FL, GA, SC, NC  
MIDWESTERN REGION: IL, IN, MI, OH, MO, WI, MN, IA, VA, CANADA  
WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

VERIFIED UTILITY LOCATIONS



LOCATION MAP



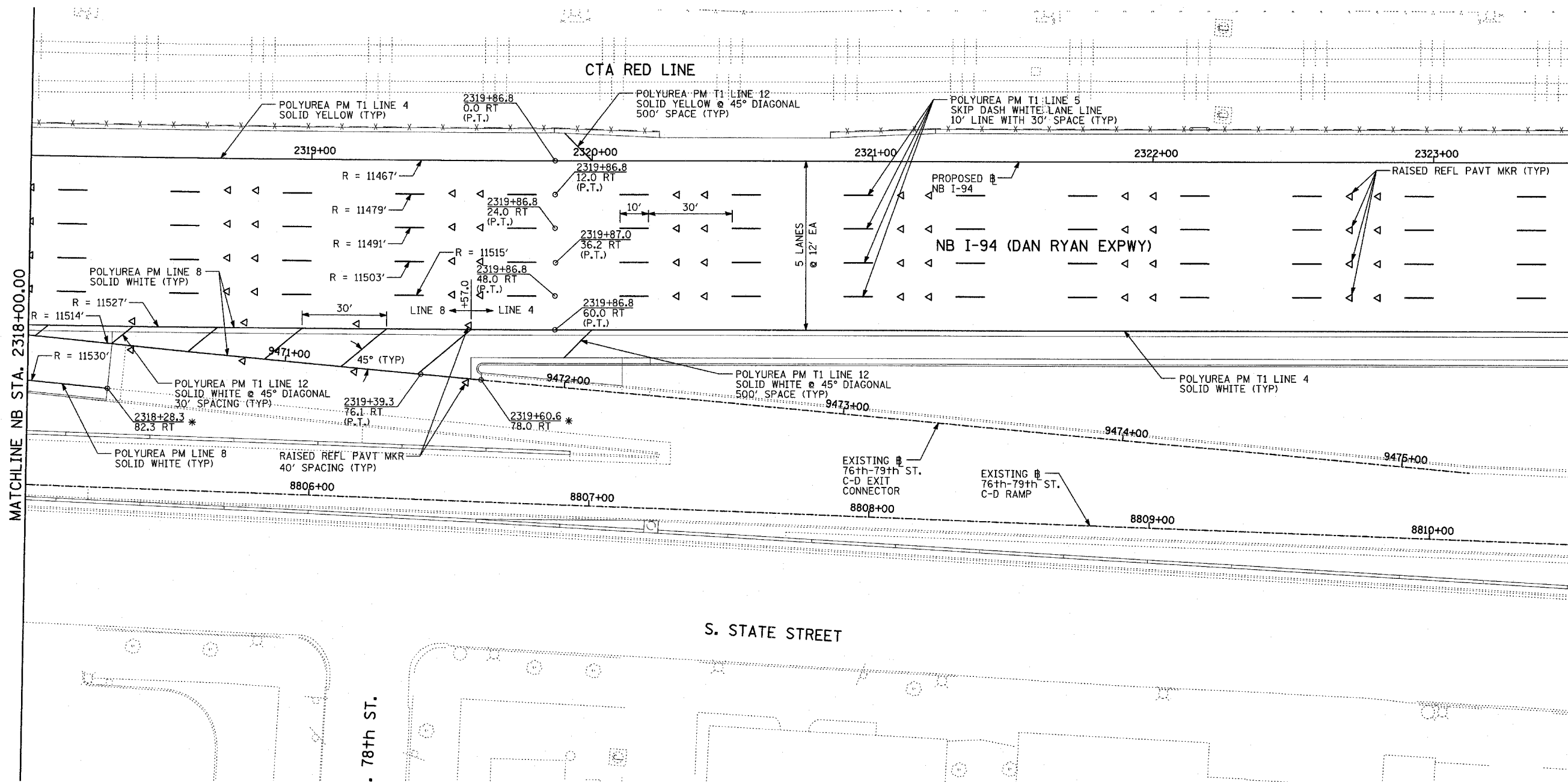
**PAVEMENT MARKING NOTES:**

1. 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.
2. THE RESIDENT ENGINEER SHALL CONTACT JULIA FOX (847) 705-4151, EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, PRIOR TO PLACING ANY PAVEMENT MARKINGS.

| REVISIONS |      |
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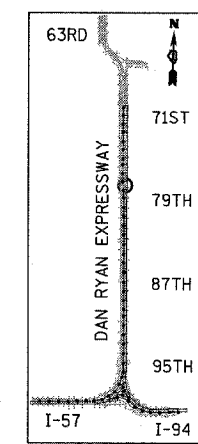
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PAVEMENT MARKING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2313+00.00 TO 2318+00.00**  
**(SHEET 1 OF 11)**  
 SCALE: 1"=20' DRAWN BY: JJS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA



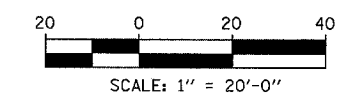


MATCHLINE NB STA. 2323+50.00

MATCHLINE NB STA. 2318+00.00



LOCATION MAP



**PAVEMENT MARKING NOTES:**

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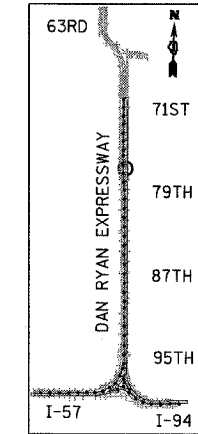
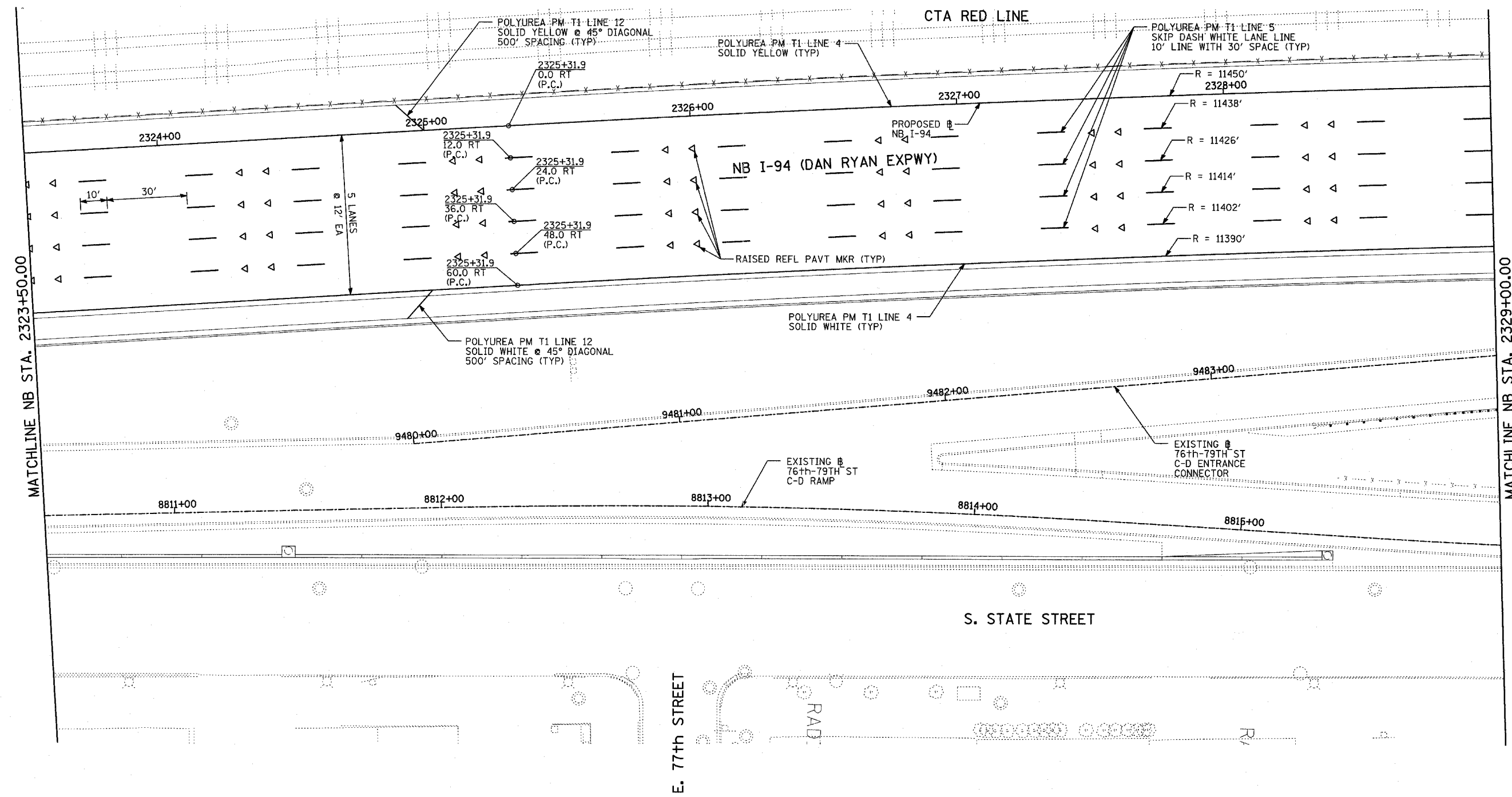
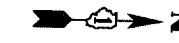
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PAVEMENT MARKING PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2318+00.00 TO 2323+50.00  
 (SHEET 2 OF 11)  
 SCALE: 1"=20' DRAWN BY: JJS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA

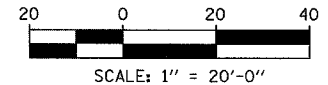
**TYLIN** INTERNATIONAL

\*MATCH WITH EXISTING PAVEMENT MARKING AT THIS POINT





LOCATION MAP



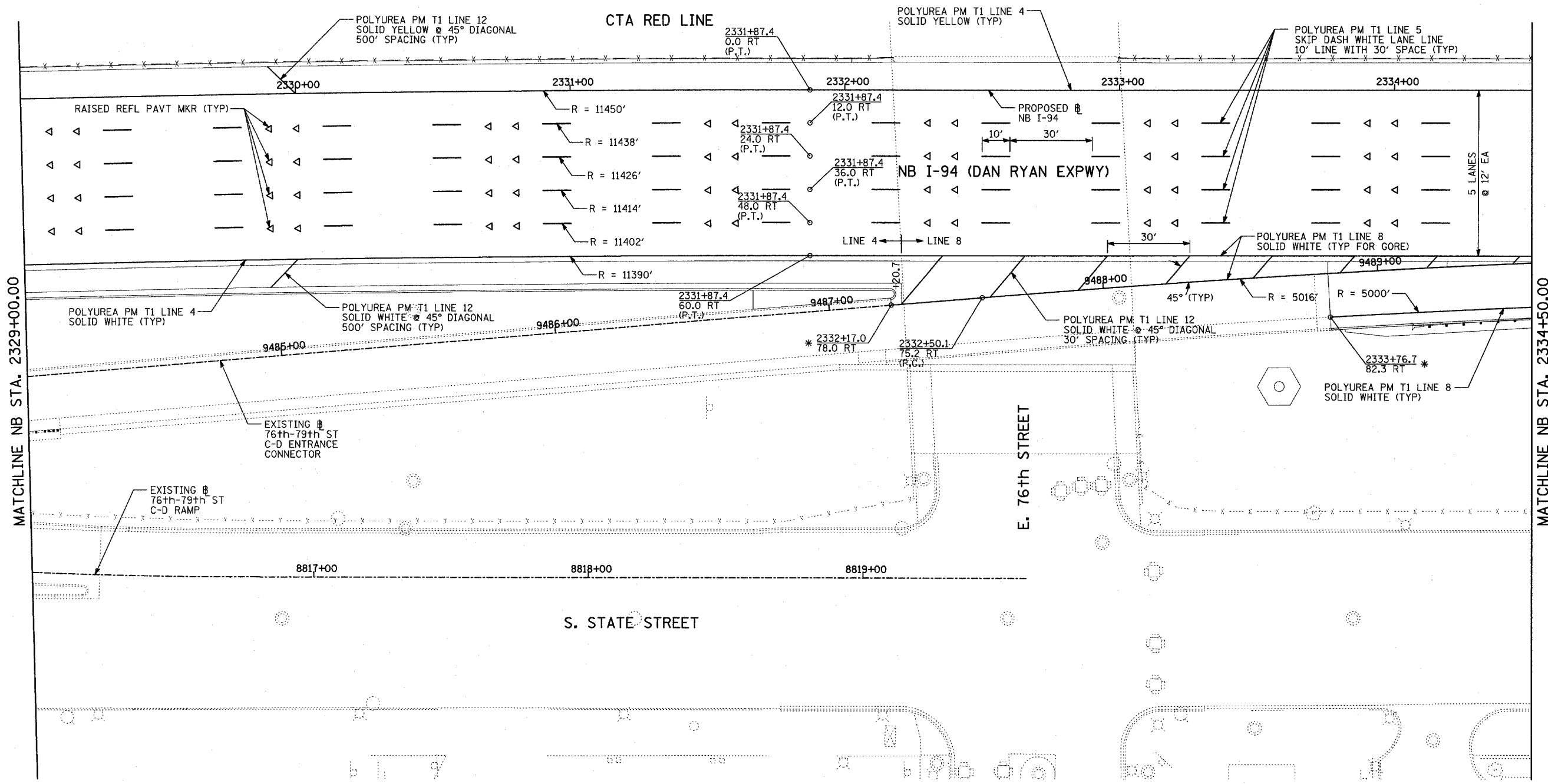
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| REVISIONS |      |
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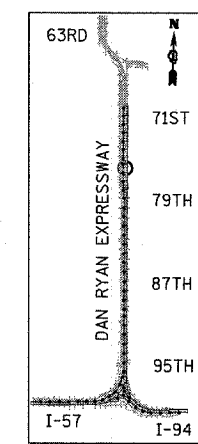
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PAVEMENT MARKING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2323+50.00 TO 2329+00.00**  
**(SHEET 3 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

**TYLIN** INTERNATIONAL

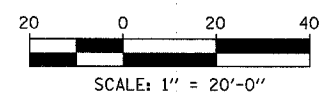


MATCHLINE NB STA. 2329+00.00

MATCHLINE NB STA. 2334+50.00



LOCATION MAP



**PAVEMENT MARKING NOTES:**

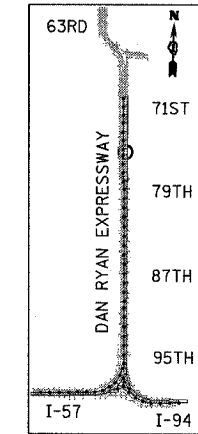
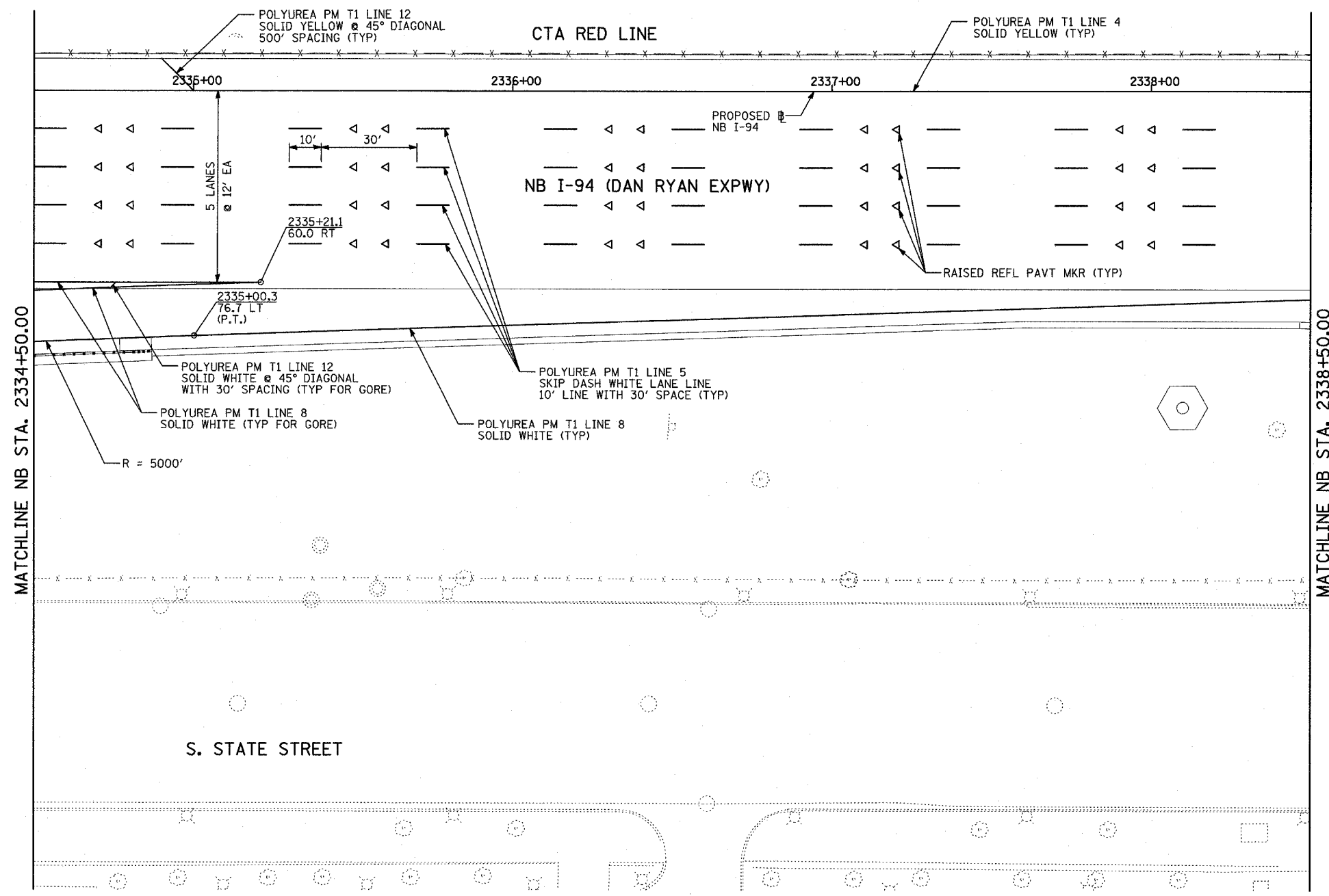
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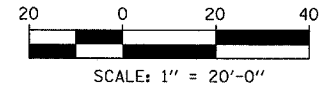
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PAVEMENT MARKING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2329+00.00 TO 2334+50.00**  
**(SHEET 4 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

**TYLIN** INTERNATIONAL

\*MATCH WITH EXISTING PAVEMENT MARKING AT THIS POINT



LOCATION MAP



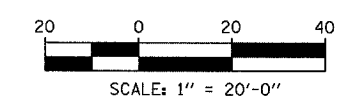
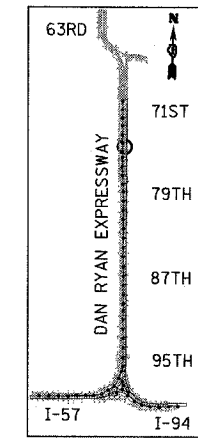
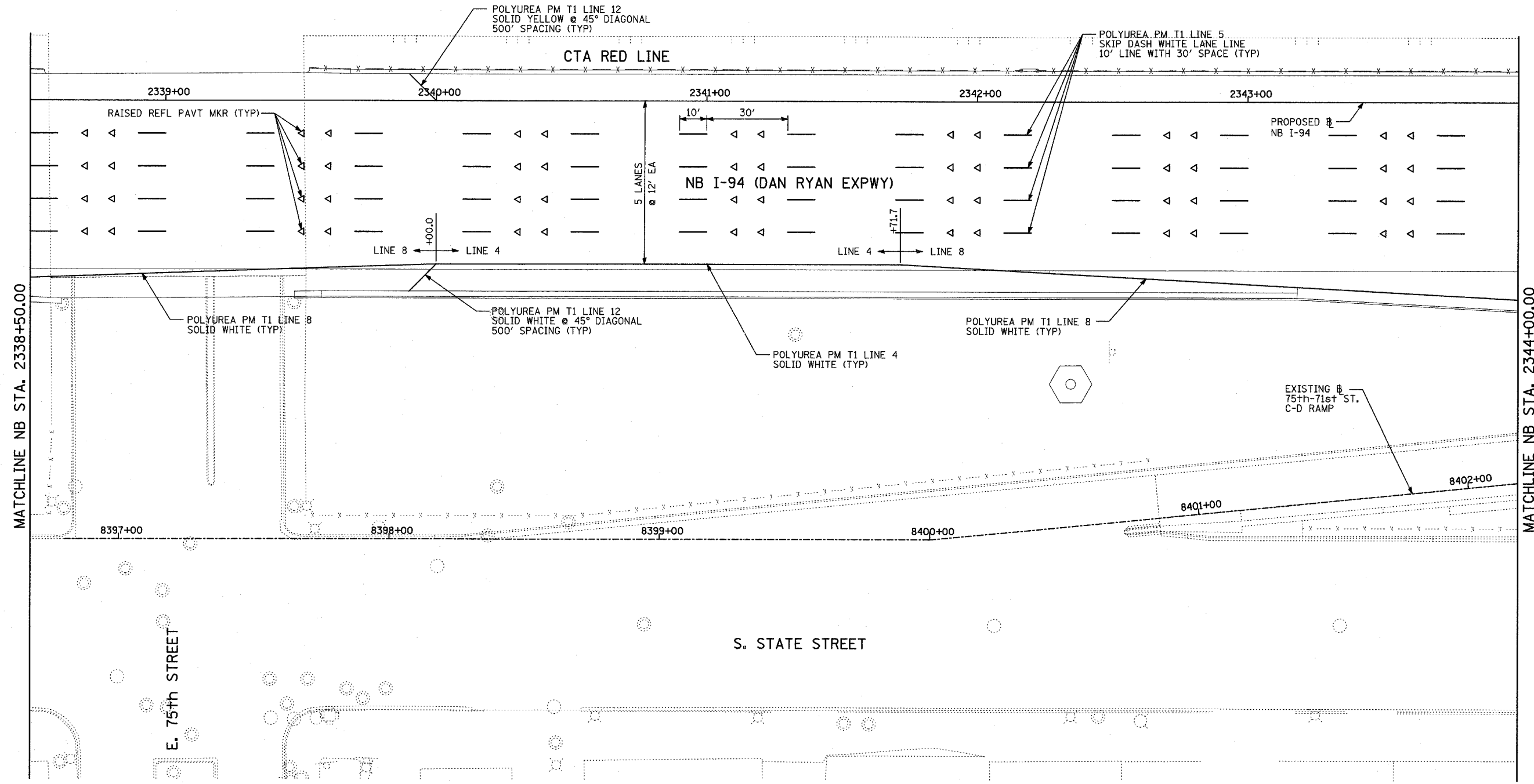
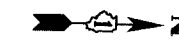
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PAVEMENT MARKING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2334+50.00 TO 2338+50.00**  
**(SHEET 5 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: JPA





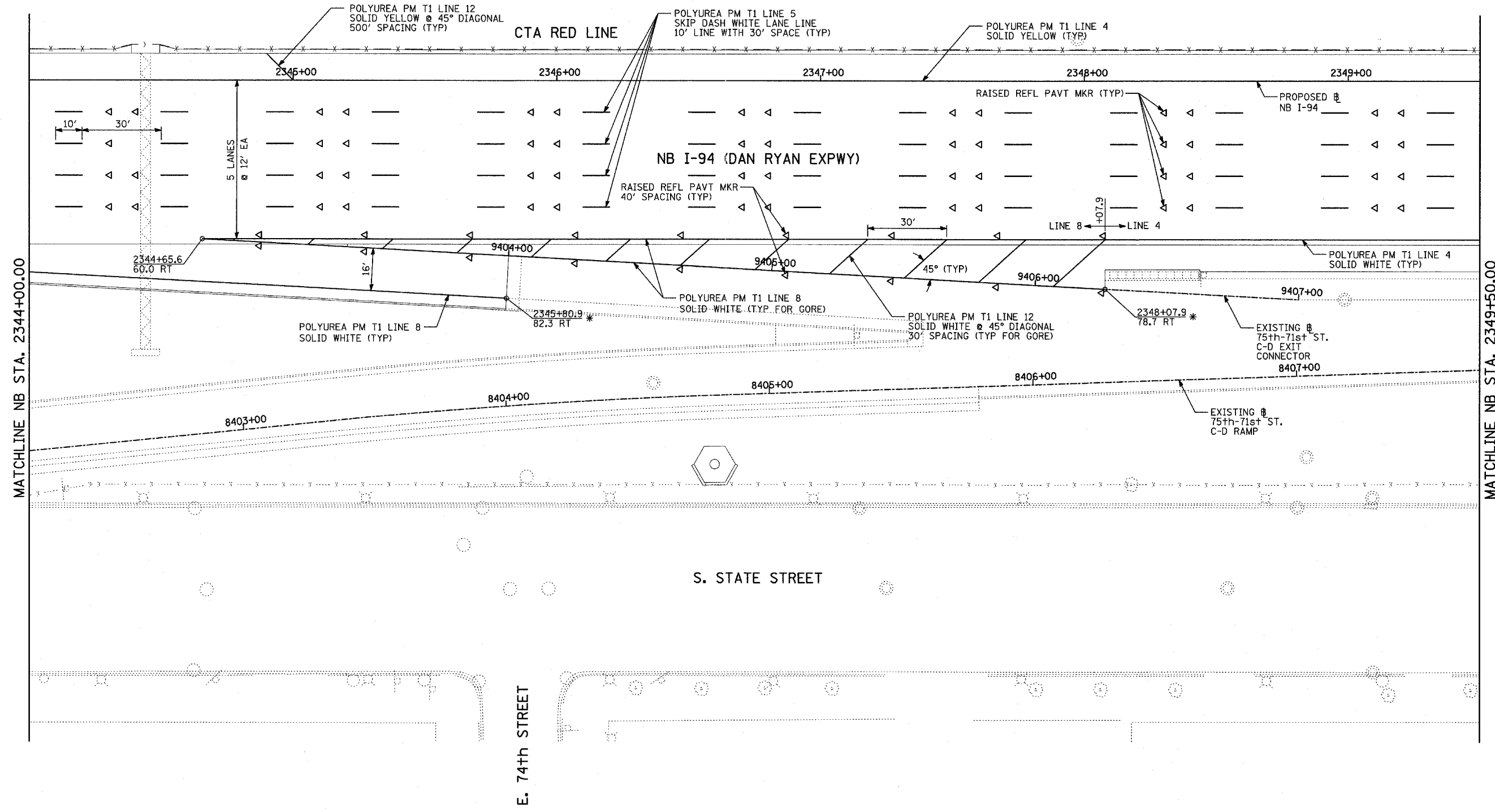
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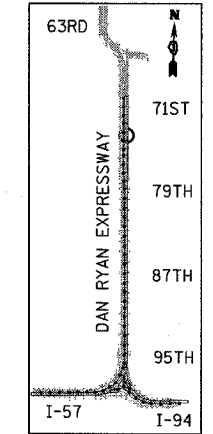
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PAVEMENT MARKING PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2338+50.00 TO 2344+00.00  
 (SHEET 6 OF 11)  
 SCALE: 1"=20' DRAWN BY: JJS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA

TYLIN INTERNATIONAL

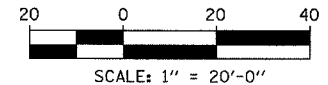


MATCHLINE NB STA. 2344+00.00

MATCHLINE NB STA. 2349+50.00



LOCATION MAP



**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.

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PAVEMENT MARKING PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2344+00.00 TO 2349+50.00  
 (SHEET 7 OF 11)  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

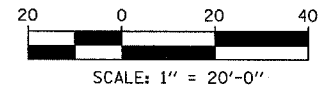
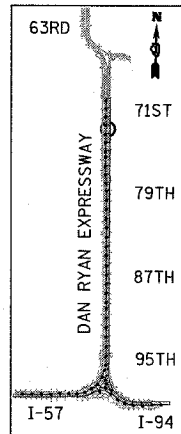
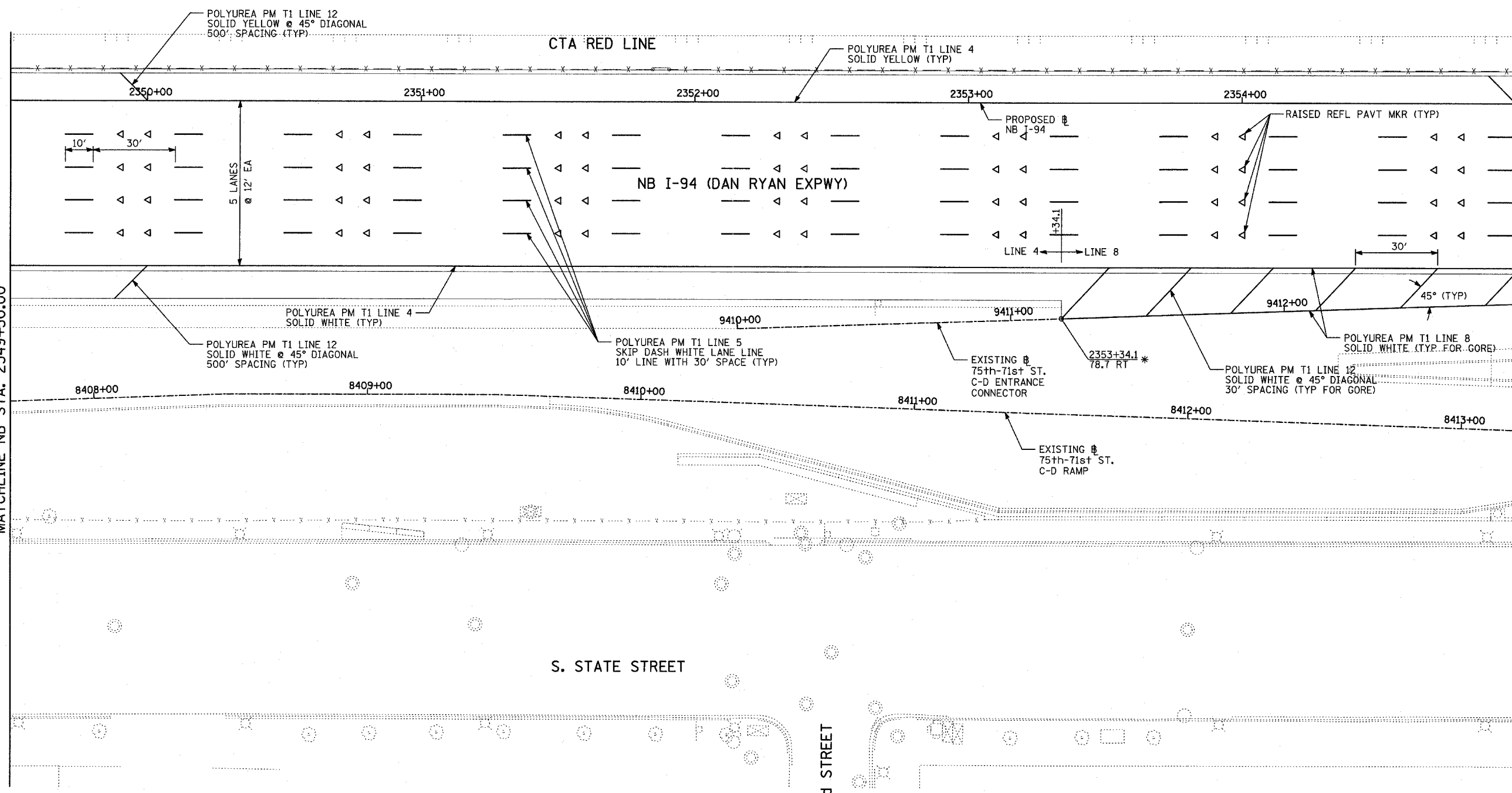
\*MATCH WITH EXISTING PAVEMENT MARKING AT THIS POINT





MATCHLINE NB STA. 2349+50.00

MATCHLINE NB STA. 2355+00.00



**PAVEMENT MARKING NOTES:**

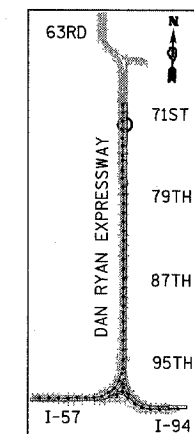
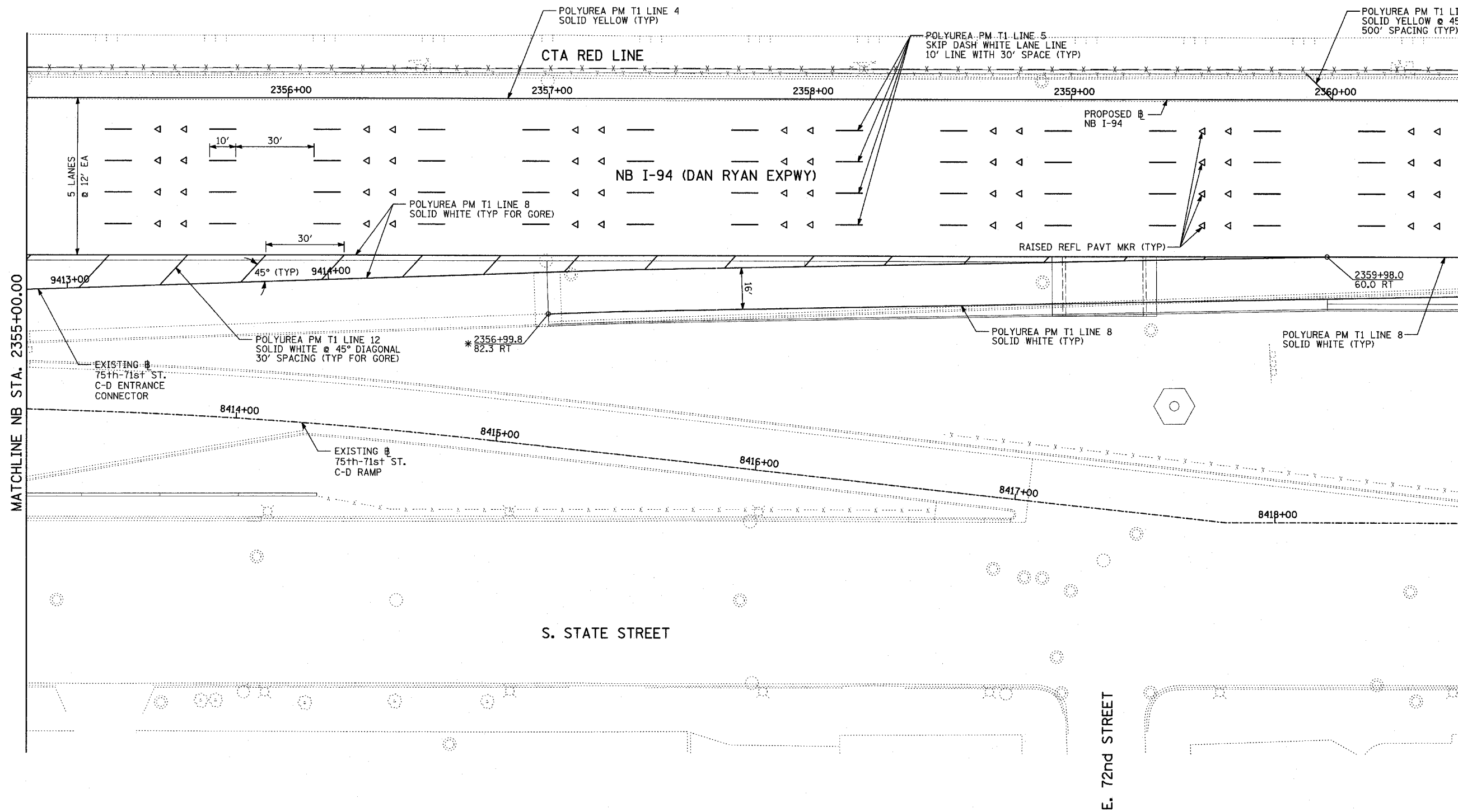
- PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE STANDARD TC-12. RAISED PAVEMENT MARKERS SHALL NOT BE INSTALLED, EXCEPT AS SHOWN ON THE PLANS.
- THE RESIDENT ENGINEER SHALL CONTACT JULIA FOX (847) 705-4151, EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, PRIOR TO PLACING ANY PAVEMENT MARKINGS.

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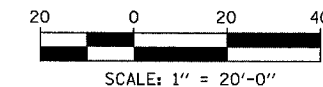
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PAVEMENT MARKING PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2349+50.00 TO 2355+00.00  
 (SHEET 8 OF 11)  
 SCALE: 1"=20' DRAWN BY: JJS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA

\*MATCH WITH EXISTING PAVEMENT MARKING AT THIS POINT





LOCATION MAP



**PAVEMENT MARKING NOTES:**

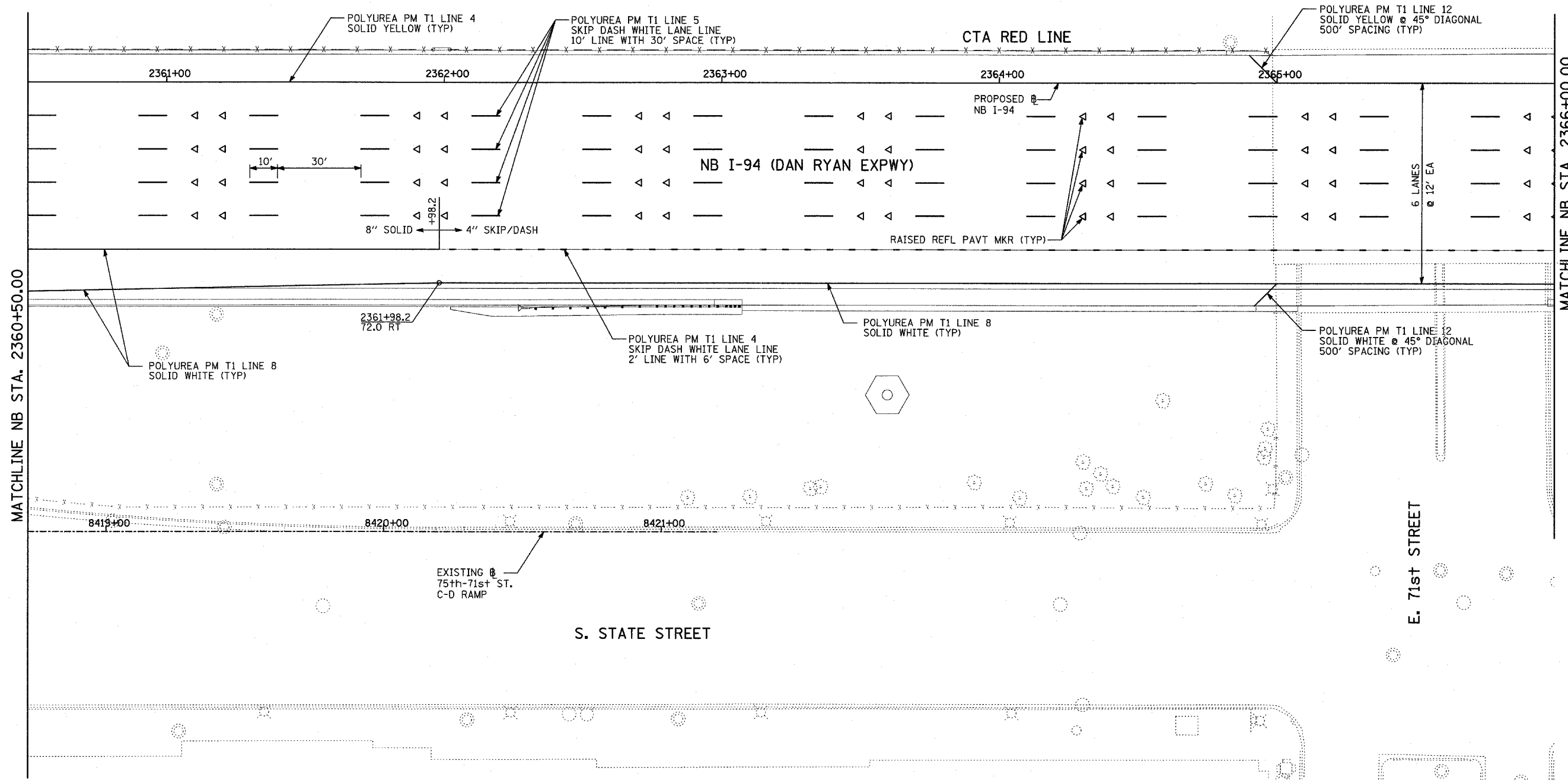
- PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE STANDARD TC-12. RAISED PAVEMENT MARKERS SHALL NOT BE INSTALLED, EXCEPT AS SHOWN ON THE PLANS.
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PAVEMENT MARKING PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2355+00.00 TO 2360+50.00  
 (SHEET 9 OF 11)  
 SCALE: 1"=20' DRAWN BY: JJS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA

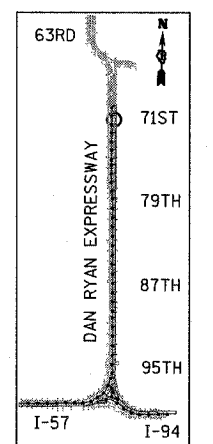
TYLIN INTERNATIONAL

\* MATCH WITH EXISTING PAVEMENT MARKING AT THIS POINT

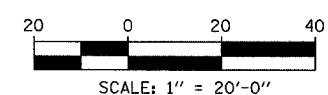


MATCHLINE NB STA. 2360+50.00

MATCHLINE NB STA. 2366+00.00



LOCATION MAP



**PAVEMENT MARKING NOTES:**

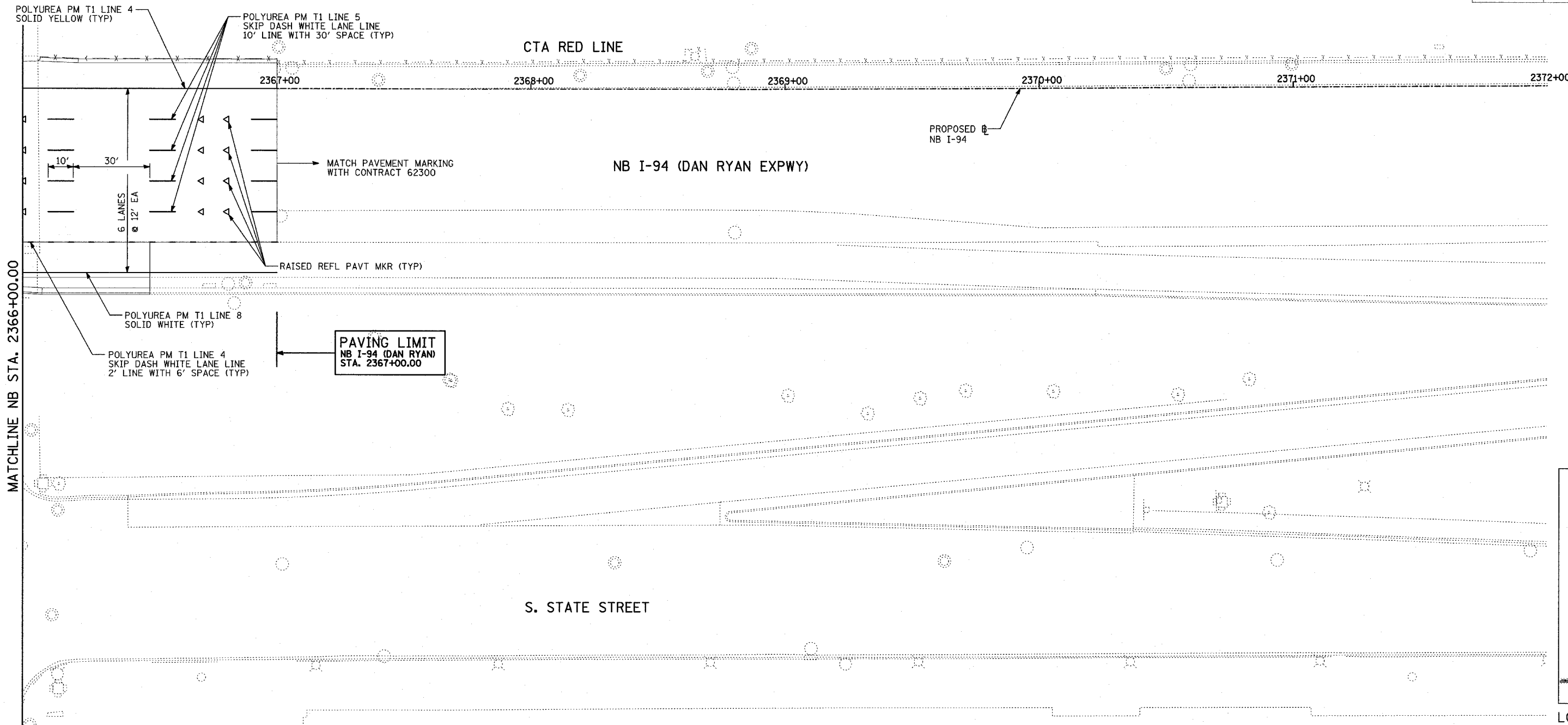
- PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE STANDARD TC-12. RAISED PAVEMENT MARKERS SHALL NOT BE INSTALLED, EXCEPT AS SHOWN ON THE PLANS.
- THE RESIDENT ENGINEER SHALL CONTACT JULIA FOX (847) 705-4151, EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, PRIOR TO PLACING ANY PAVEMENT MARKINGS.

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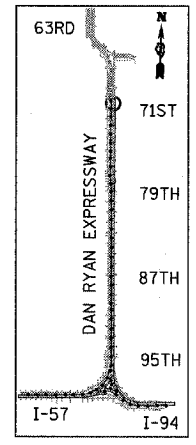
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**PAVEMENT MARKING PLAN**  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 2360+50.00 TO 2366+00.00  
 (SHEET 10 OF 11)  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: JPA

**TYLIN**INTERNATIONAL

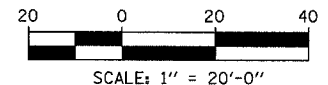




MATCHLINE NB STA. 2366+00.00



LOCATION MAP



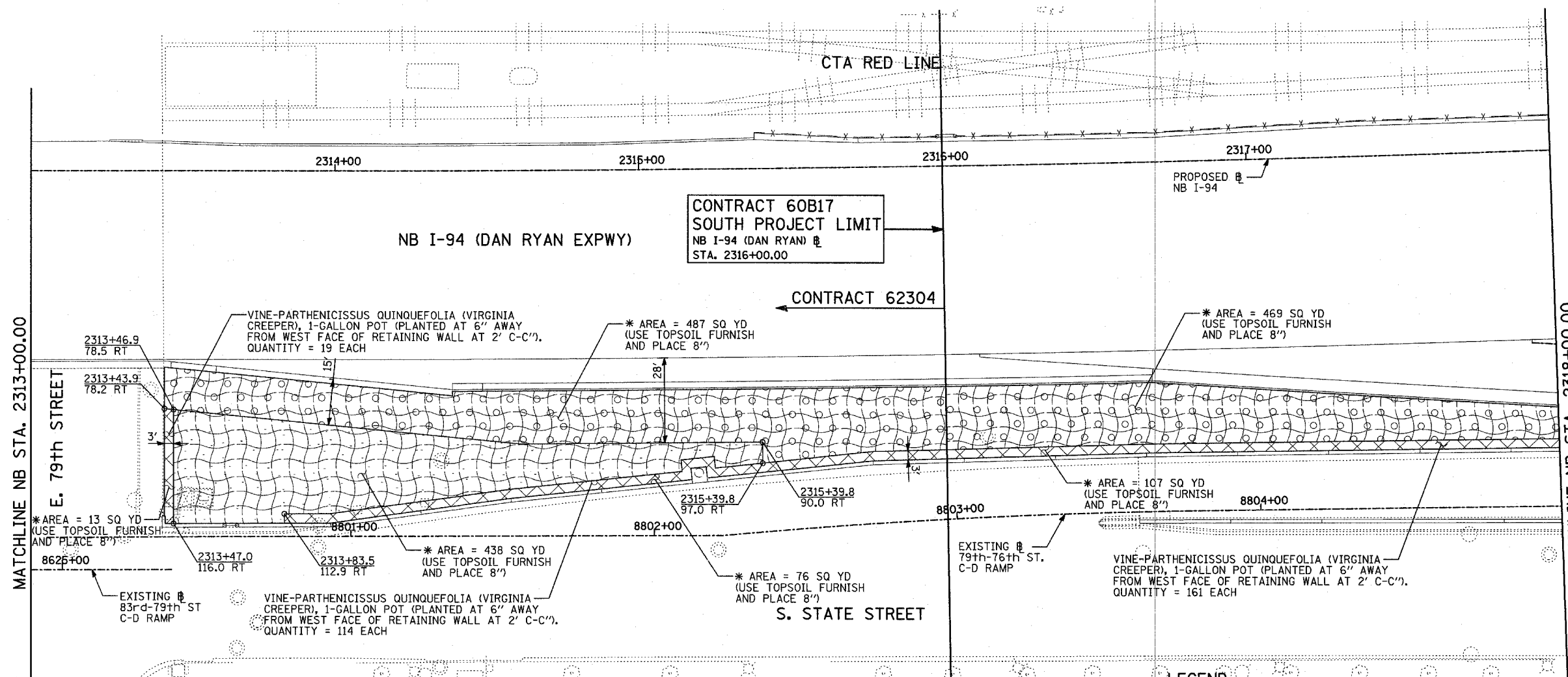
**PAVEMENT MARKING NOTES:**

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

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PAVEMENT MARKING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2366+00.00 TO 2367+00.00**  
**(SHEET 11 OF 11)**  
 SCALE: 1"=20'      DRAWN BY: JJS  
 DATE: MARCH 7, 2006      CHECKED BY: JPA

**TYLIN** INTERNATIONAL



MATCHLINE NB STA. 2313+00.00

MATCHLINE NB STA. 2318+00.00

**CONTRACT 60B17**  
SOUTH PROJECT LIMIT  
NB I-94 (DAN RYAN) E  
STA. 2316+00.00

← CONTRACT 62304

PROPOSED E  
NB I-94

\*AREA = 13 SQ YD  
(USE TOPSOIL FURNISH  
AND PLACE 8")

VINE-PARTHENICISSUS QUINQUEFOLIA (VIRGINIA  
CREEPER), 1-GALLON POT (PLANTED AT 6" AWAY  
FROM WEST FACE OF RETAINING WALL AT 2' C-C").  
QUANTITY = 19 EACH

\* AREA = 487 SQ YD  
(USE TOPSOIL FURNISH  
AND PLACE 8")

\* AREA = 469 SQ YD  
(USE TOPSOIL FURNISH  
AND PLACE 8")

\* AREA = 107 SQ YD  
(USE TOPSOIL FURNISH  
AND PLACE 8")

EXISTING E  
83rd-79th ST  
C-D RAMP

VINE-PARTHENICISSUS QUINQUEFOLIA (VIRGINIA  
CREEPER), 1-GALLON POT (PLANTED AT 6" AWAY  
FROM WEST FACE OF RETAINING WALL AT 2' C-C").  
QUANTITY = 114 EACH

\* AREA = 438 SQ YD  
(USE TOPSOIL FURNISH  
AND PLACE 8")

\* AREA = 76 SQ YD  
(USE TOPSOIL FURNISH  
AND PLACE 8")

EXISTING E  
79th-76th ST.  
C-D RAMP

VINE-PARTHENICISSUS QUINQUEFOLIA (VIRGINIA  
CREEPER), 1-GALLON POT (PLANTED AT 6" AWAY  
FROM WEST FACE OF RETAINING WALL AT 2' C-C").  
QUANTITY = 161 EACH

S. STATE STREET

**LEGEND:**

EROSION CONTROL BLANKET,  
SEEDING, CLASS 2A, NITROGEN,  
PHOSPHORUS, AND POTASSIUM  
FERTILIZER NUTRIENTS,  
\*TOPSOIL FURNISH AND PLACE, 4"

\* TOPSOIL FURNISH AND PLACE, 8"  
TO BE USED IN SELECTED AREAS  
BETWEEN STATIONS 2313+44 AND  
2319+19 (SHEETS 21-22)

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"

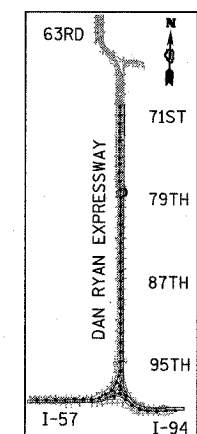
EROSION CONTROL BLANKET,  
SEEDING, CLASS 4 (MODIFIED),  
SEEDING, CLASS 5A (MODIFIED)  
\*TOPSOIL FURNISH AND PLACE, 12"  
COMPOST FURNISH AND PLACE, 6"

EROSION CONTROL BLANKET,  
SEEDING, CLASS 4A (MODIFIED)  
SEEDING, CLASS 5 (MODIFIED),  
\*TOPSOIL FURNISH AND PLACE, 12"  
COMPOST FURNISH AND PLACE, 6"

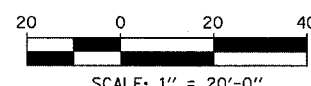
NITROGEN, PHOSPHORUS, AND  
POTASSIUM FERTILIZER NUTRIENTS,  
\*TOPSOIL FURNISH AND PLACE, 12"  
COMPOST FURNISH AND PLACE, 6"  
4" MULCH BED  
PRE-EMERGENT GRANULAR HERBICIDE

**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 5 (SPECIAL)
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.



LOCATION MAP

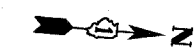


SCALE: 1" = 20'-0"







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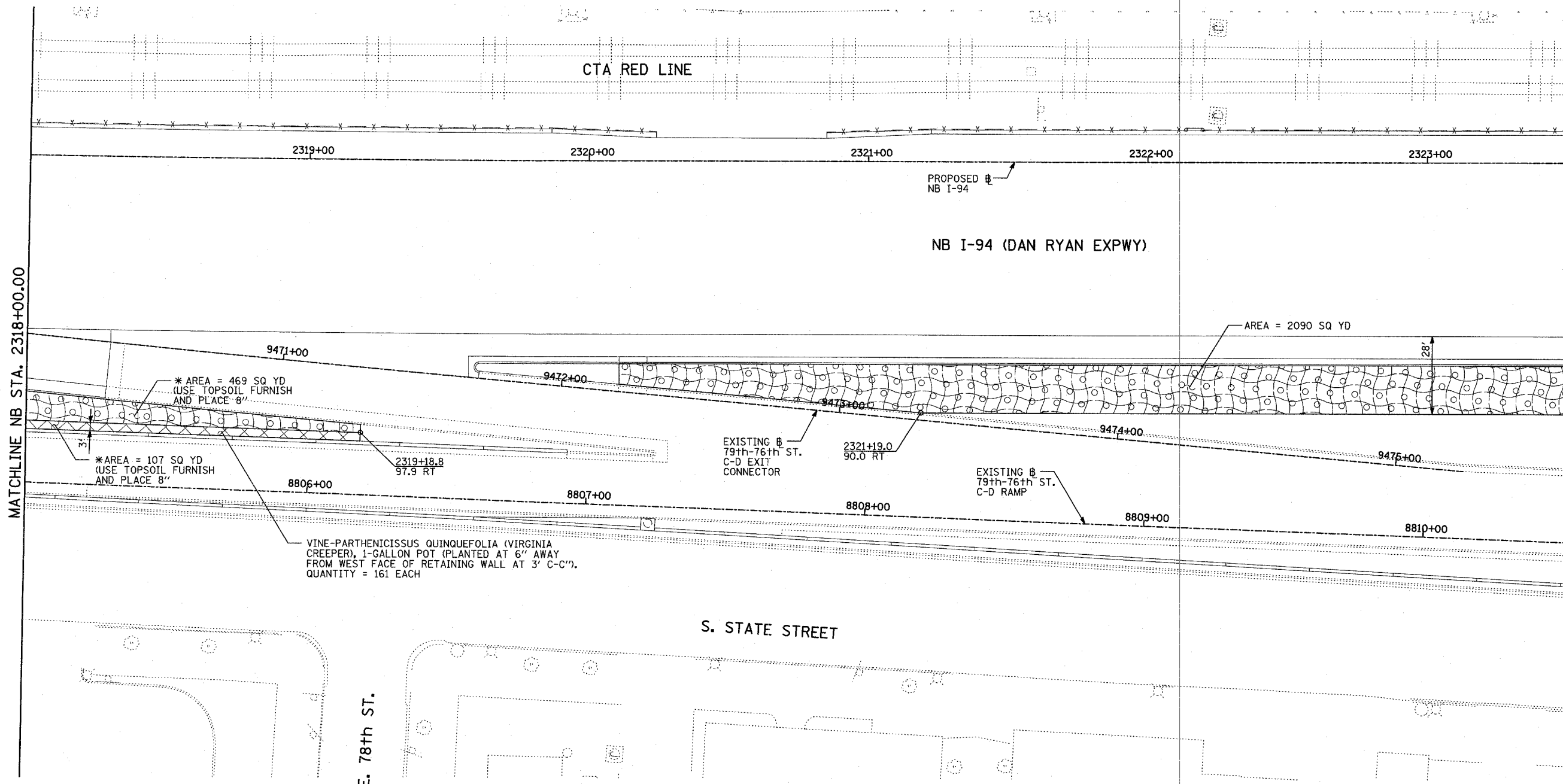
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**LANDSCAPING PLAN**  
NB I-94 (DAN RYAN EXPRESSWAY)  
STA. 2313+00.00 TO 2318+00.00  
(SHEET 1 OF 11)  
SCALE: 1"=20'  
DATE: MARCH 7, 2006  
DRAWN BY: JJS  
CHECKED BY: JPA

**TYLIN** INTERNATIONAL



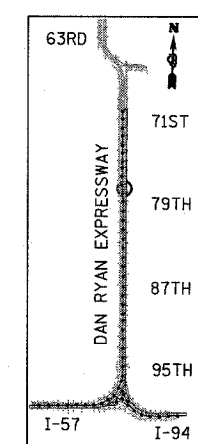
**LEGEND:**

-  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), \*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 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 2313+44 AND 2319+19 (SHEETS 21-22)

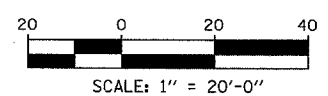


**LANDSCAPING GENERAL PLAN NOTES:**

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3. 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 5 (SPECIAL)
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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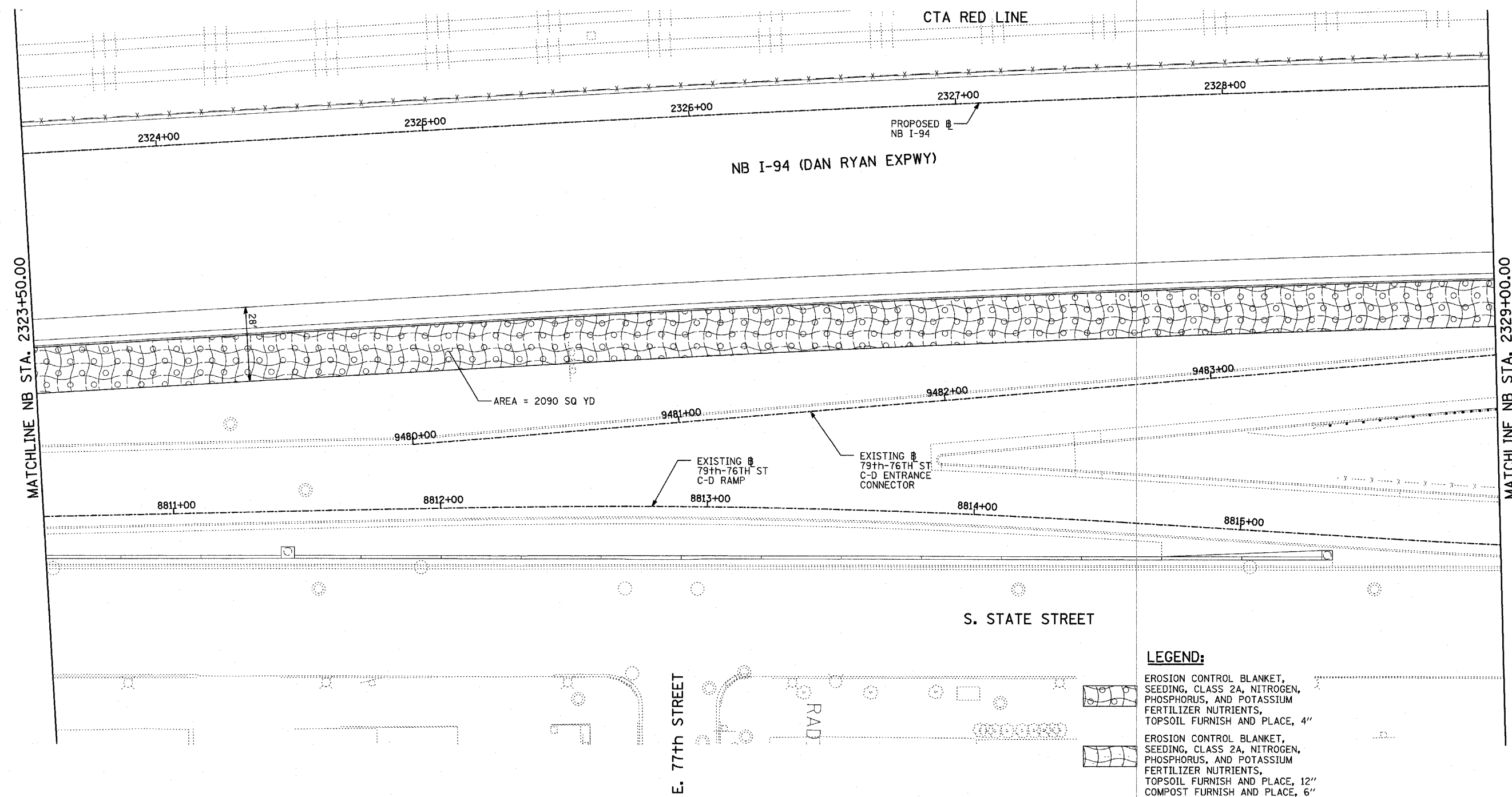
LOCATION MAP



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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2318+00.00 TO 2323+50.00**  
**(SHEET 2 OF 11)**  
 SCALE: 1"=20' DRAWN BY: JJS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA

**TYLIN INTERNATIONAL**



MATCHLINE NB STA. 2323+50.00

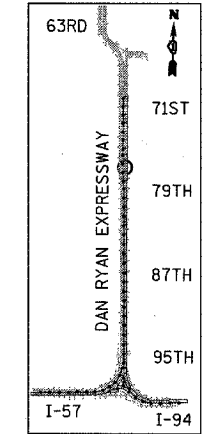
MATCHLINE NB STA. 2329+00.00

**LEGEND:**

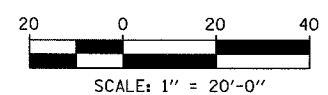
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
-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

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



LOCATION MAP

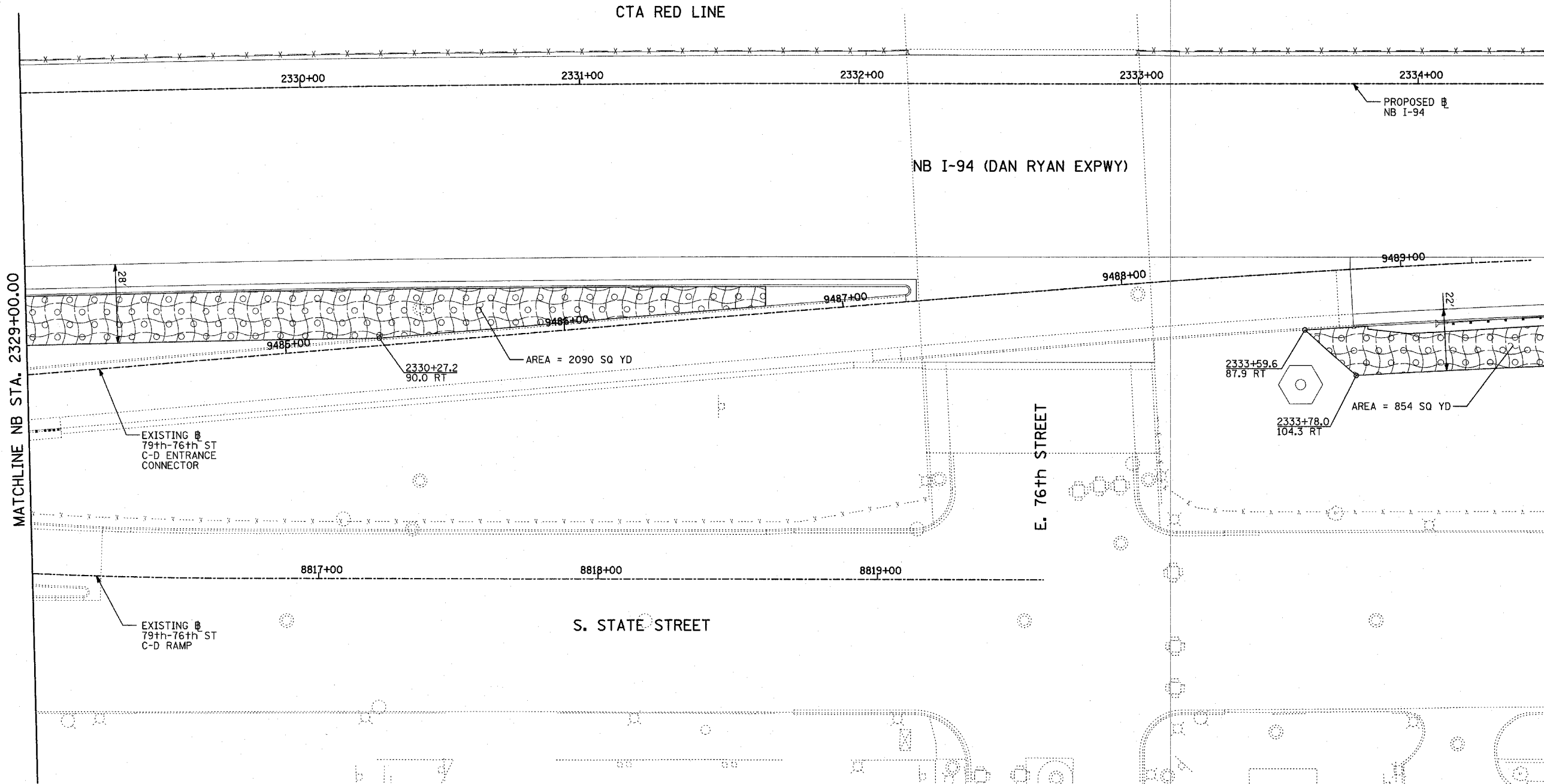


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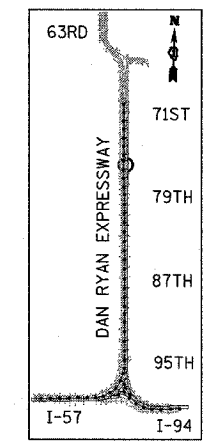
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2323+50.00 TO 2329+00.00**  
**(SHEET 3 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

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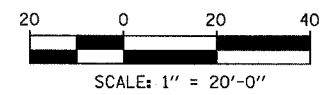


LEGEND:

- 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 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
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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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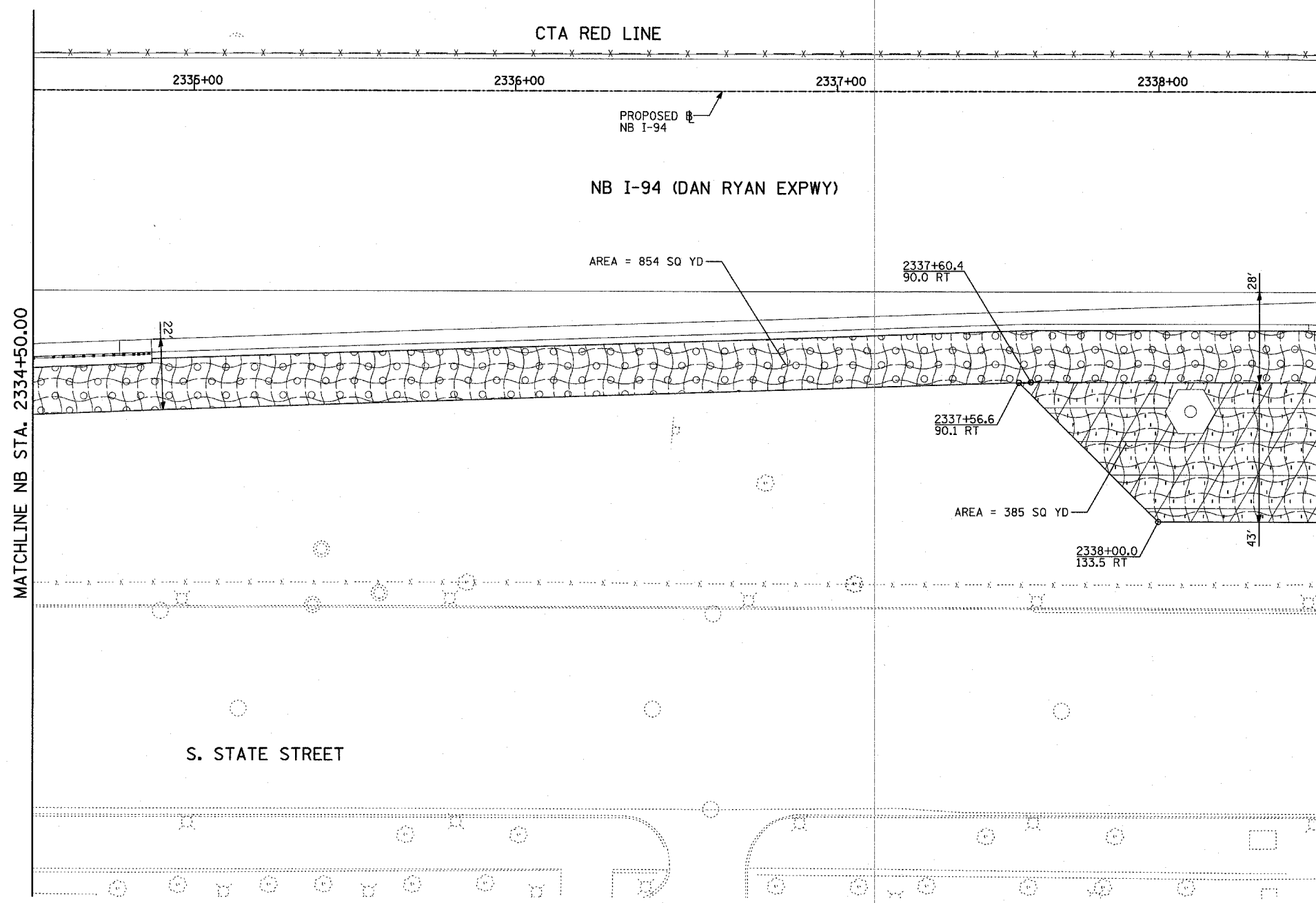
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2329+00.00 TO 2334+50.00**  
**(SHEET 4 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

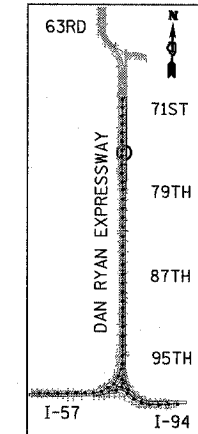
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| F.A.I. RTE.         | SECTION                   | COUNTY          | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3                  | COOK            | 265          | 154       |
| STA. 2316+00        |                           | TO STA. 2367+00 |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |                 |              |           |

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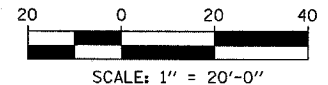


**LEGEND:**

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



LOCATION MAP



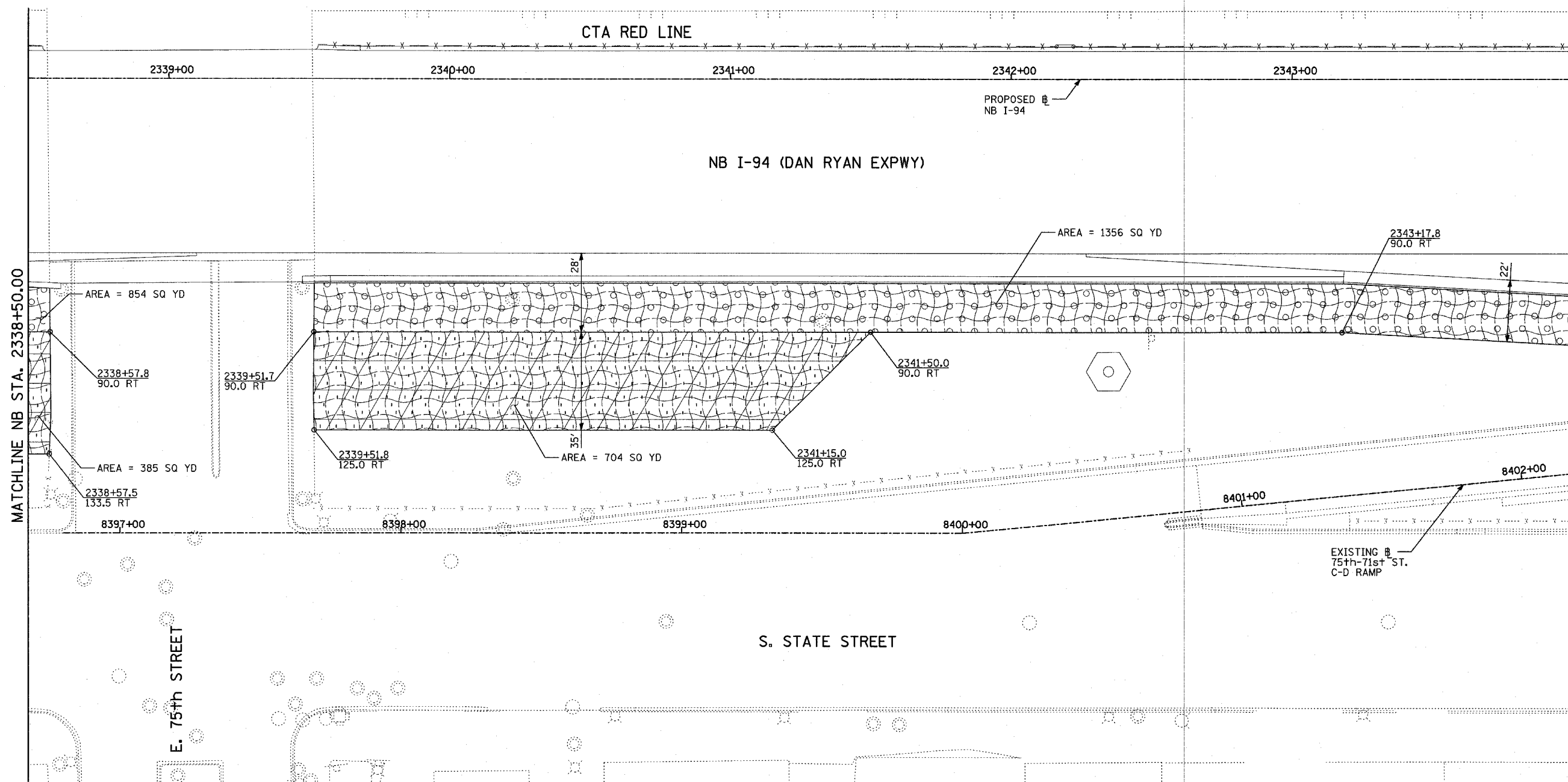
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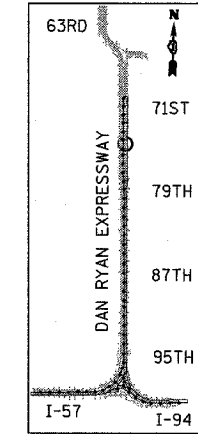
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2334+50.00 TO 2338+50.00**  
**(SHEET 5 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: JPA

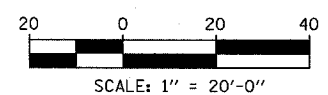


**LEGEND:**

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



LOCATION MAP



**LANDSCAPING GENERAL PLAN NOTES:**

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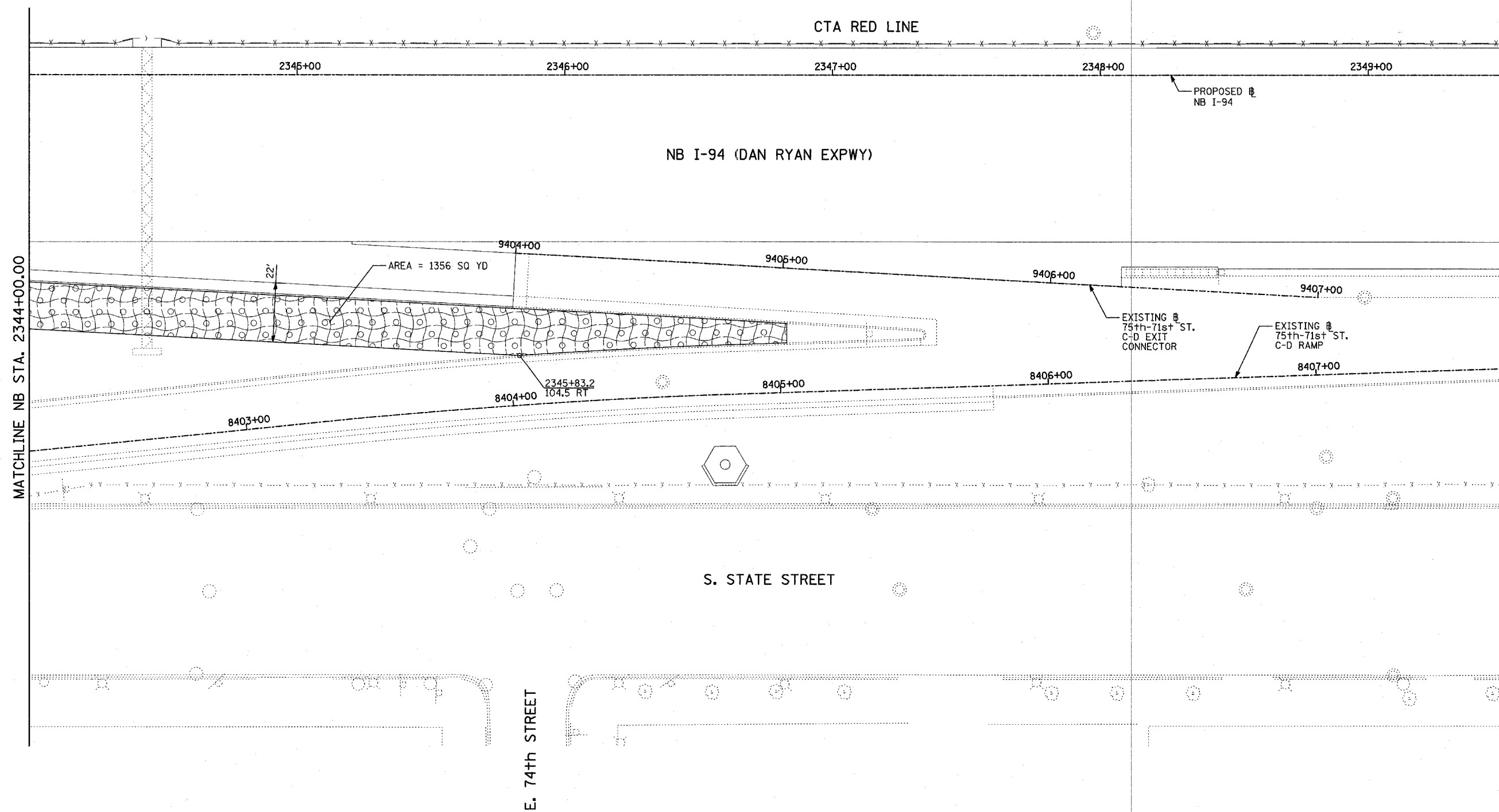
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2338+50.00 TO 2344+00.00**  
**(SHEET 6 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA

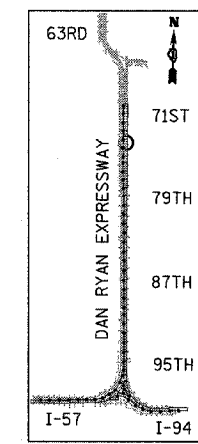
| F.A.I. RTE.         | SECTION  | COUNTY                    | TOTAL SHEETS | SHEET NO. |
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| 94                  | 1818 R-3 | COOK                      | 265          | 156       |
| STA. 2316+00        |          | TO STA. 2367+00           |              |           |
| FED. ROAD DIST. NO. |          | ILLINOIS FED. AID PROJECT |              |           |

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**LEGEND:**

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



**LANDSCAPING GENERAL PLAN NOTES:**

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**TYLIN** INTERNATIONAL

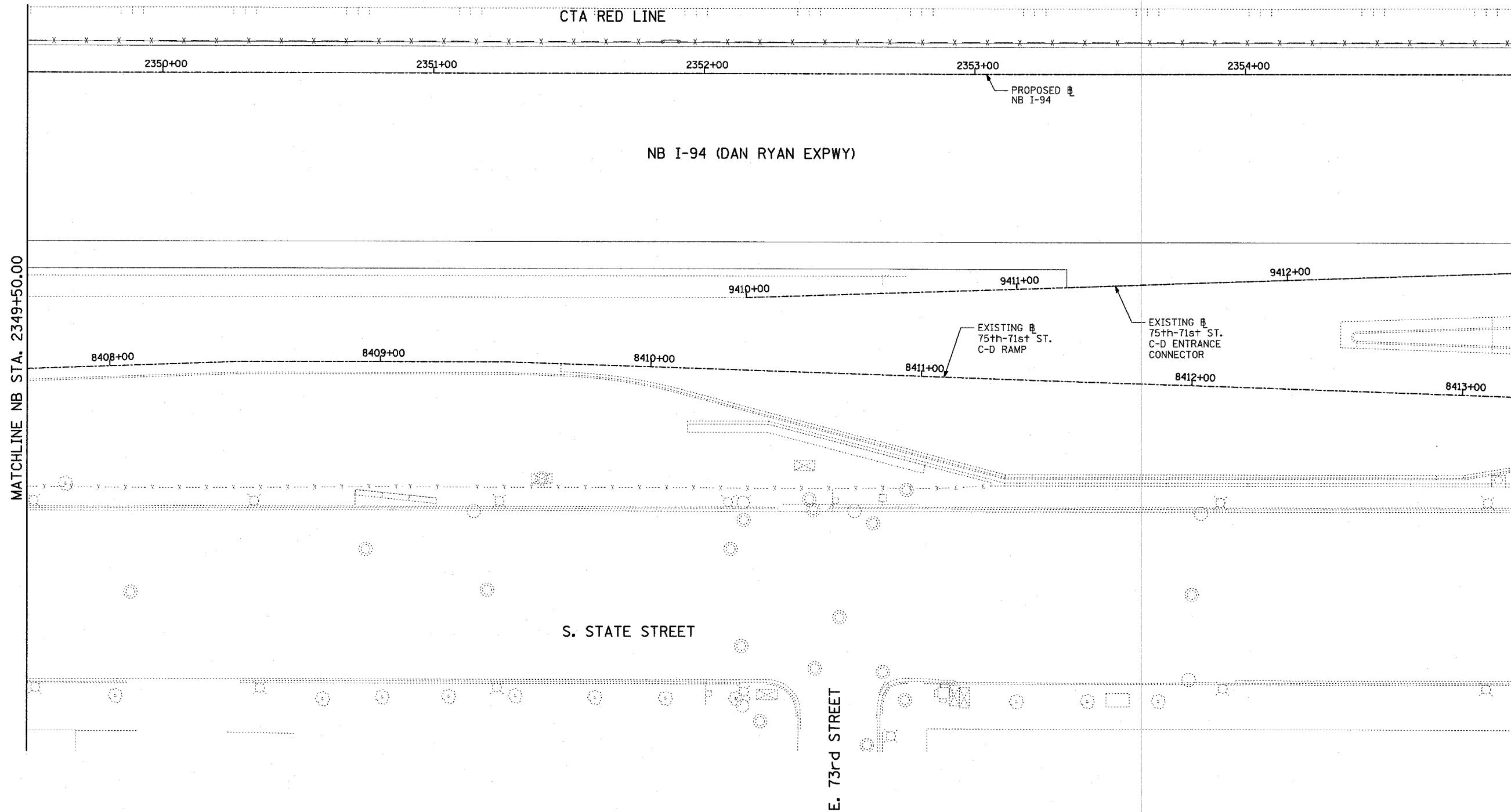
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2344+00.00 TO 2349+50.00**  
**(SHEET 7 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA



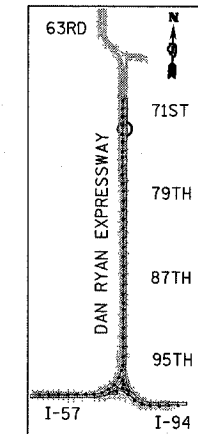
| F.A.I. RTE.         | SECTION  | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|---------------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK                      | 265          | 157       |
| STA. 2316+00        |          | TO STA. 2367+00           |              |           |
| FED. ROAD DIST. NO. |          | ILLINOIS FED. AID PROJECT |              |           |

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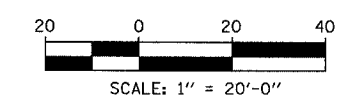


**LEGEND:**

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- EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12"
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LOCATION MAP



**LANDSCAPING GENERAL PLAN NOTES:**

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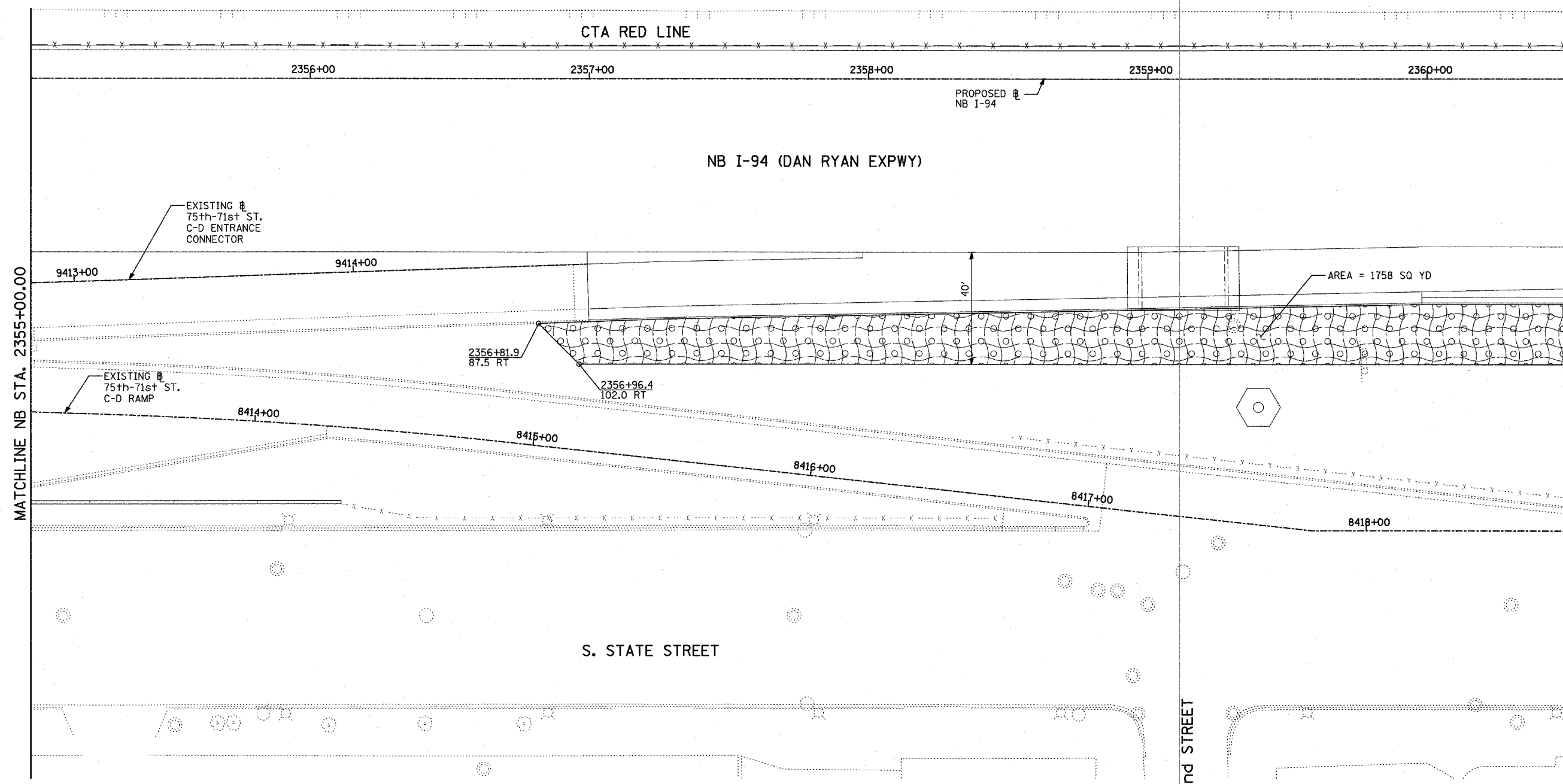
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2349+50.00 TO 2355+00.00**  
**(SHEET 8 OF 11)**  
 SCALE: 1"=20'      DRAWN BY: JJS  
 DATE: MARCH 7, 2006      CHECKED BY: JPA

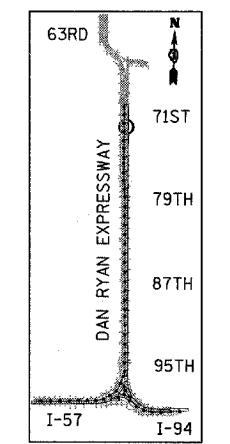
| F.A.I. RTE.         | SECTION  | COUNTY          | TOTAL SHEETS     | SHEET NO. |
|---------------------|----------|-----------------|------------------|-----------|
| 94                  | 1818 R-3 | COOK            | 265              | 158       |
| STA. 2316+00        |          | TO STA. 2367+00 |                  |           |
| FED. ROAD DIST. NO. |          | ILLINOIS        | FED. AID PROJECT |           |

60B17

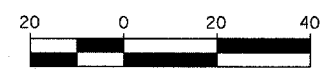


**LEGEND:**

- 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 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"
- 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



SCALE: 1" = 20'-0"

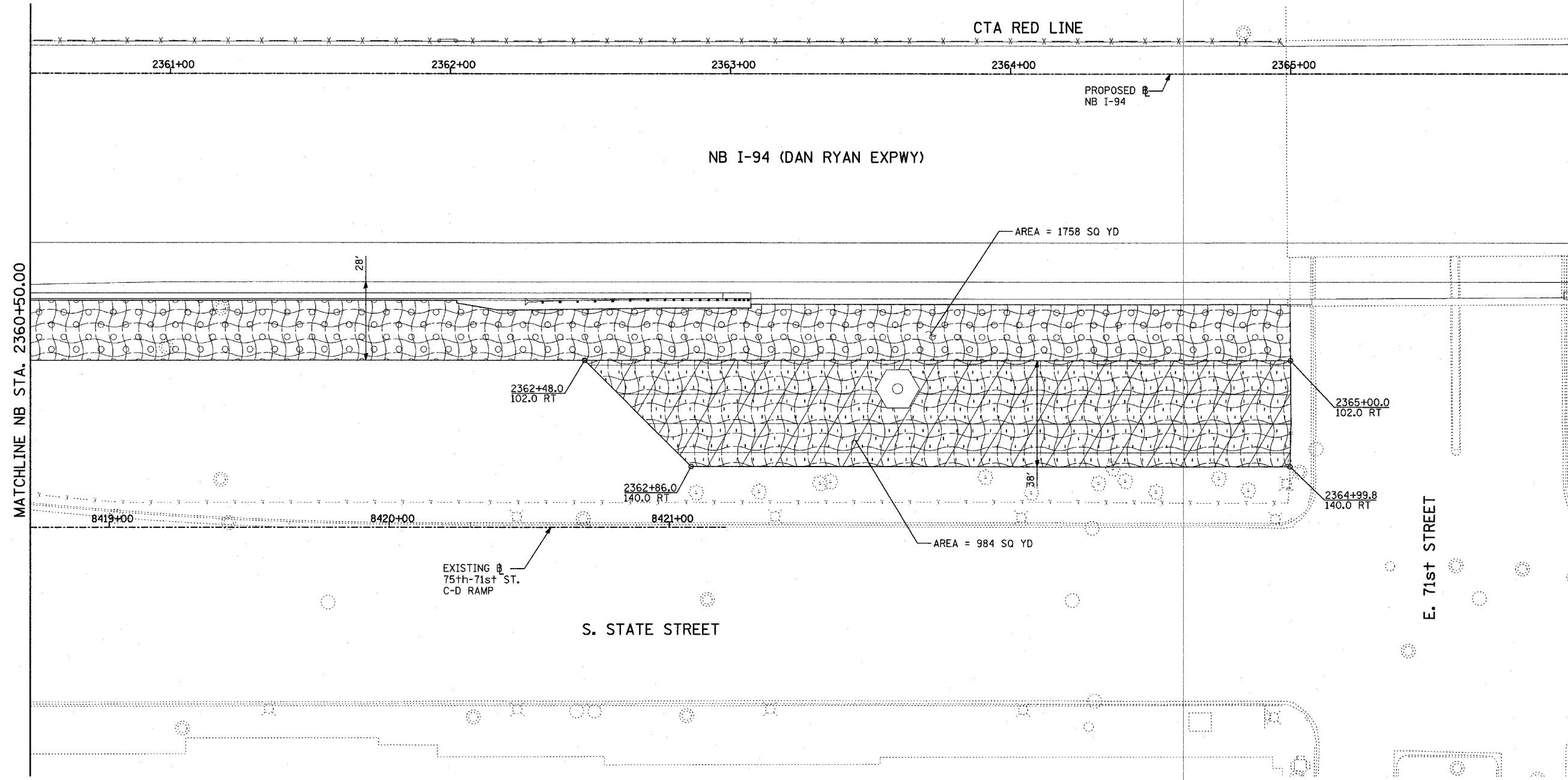
**LANDSCAPING GENERAL PLAN NOTES:**

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.








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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2355+00.00 TO 2360+50.00**  
**(SHEET 9 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: JPA

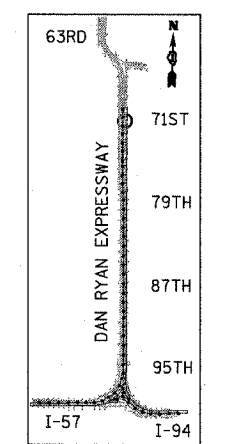


**LEGEND:**

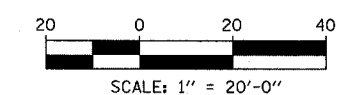
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-  PRE-EMERGENT GRANULAR HERBICIDE

MATCHLINE NB STA. 2366+00.00

MATCHLINE NB STA. 2360+50.00



LOCATION MAP



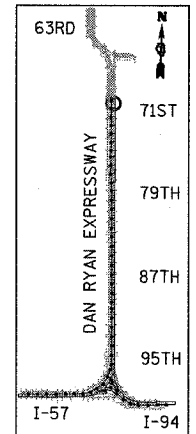
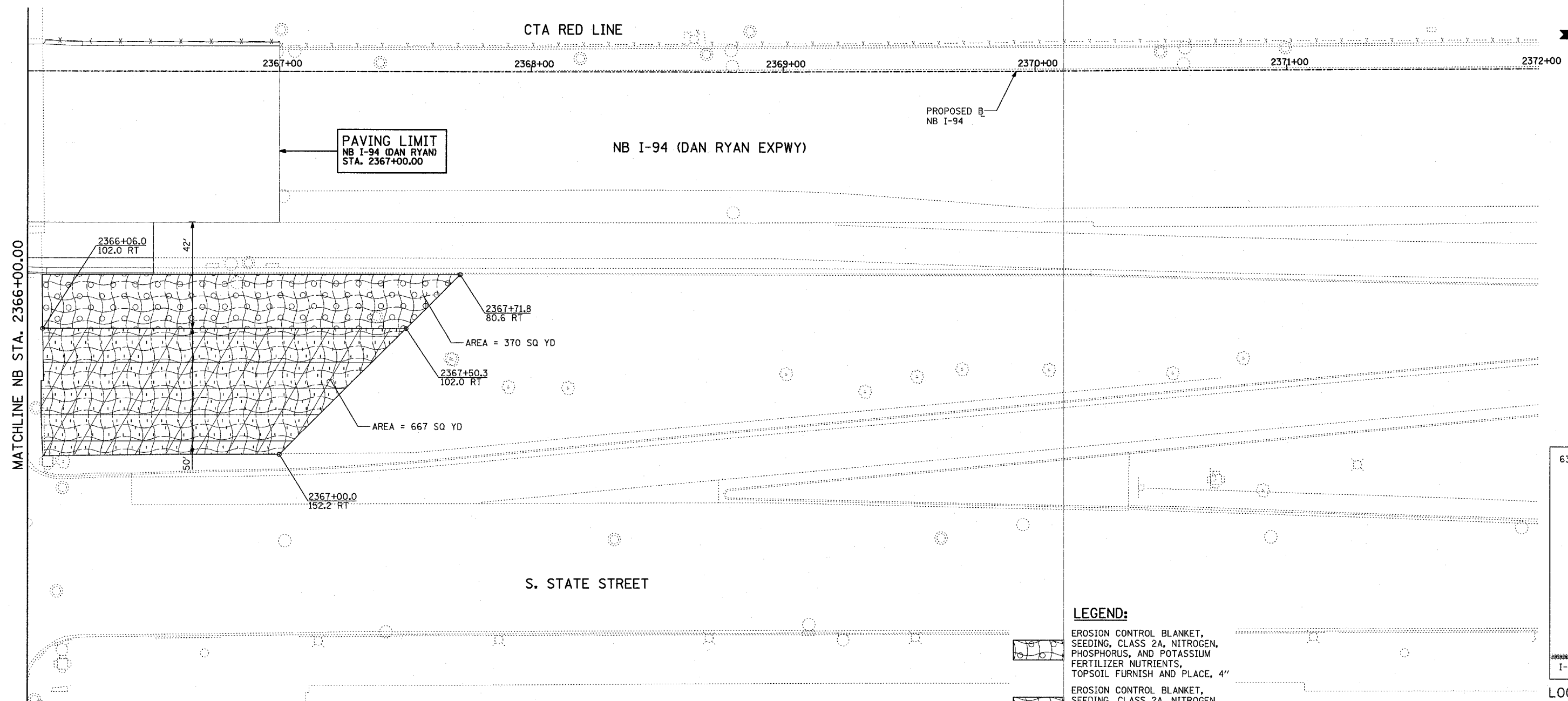
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**TYLIN** INTERNATIONAL

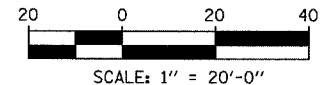
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2360+50.00 TO 2366+00.00**  
**(SHEET 10 OF 11)**  
 SCALE: 1"=20' DRAWN BY: JJS  
 DATE: MARCH 7, 2006 CHECKED BY: JPA



**LEGEND:**

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
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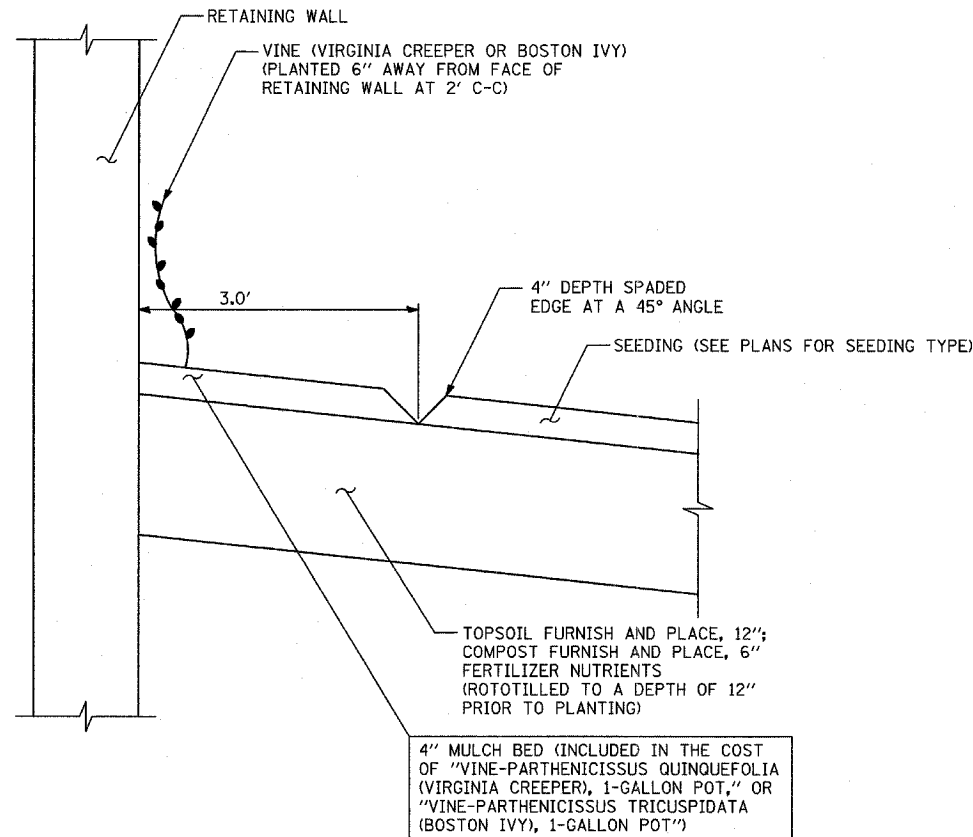
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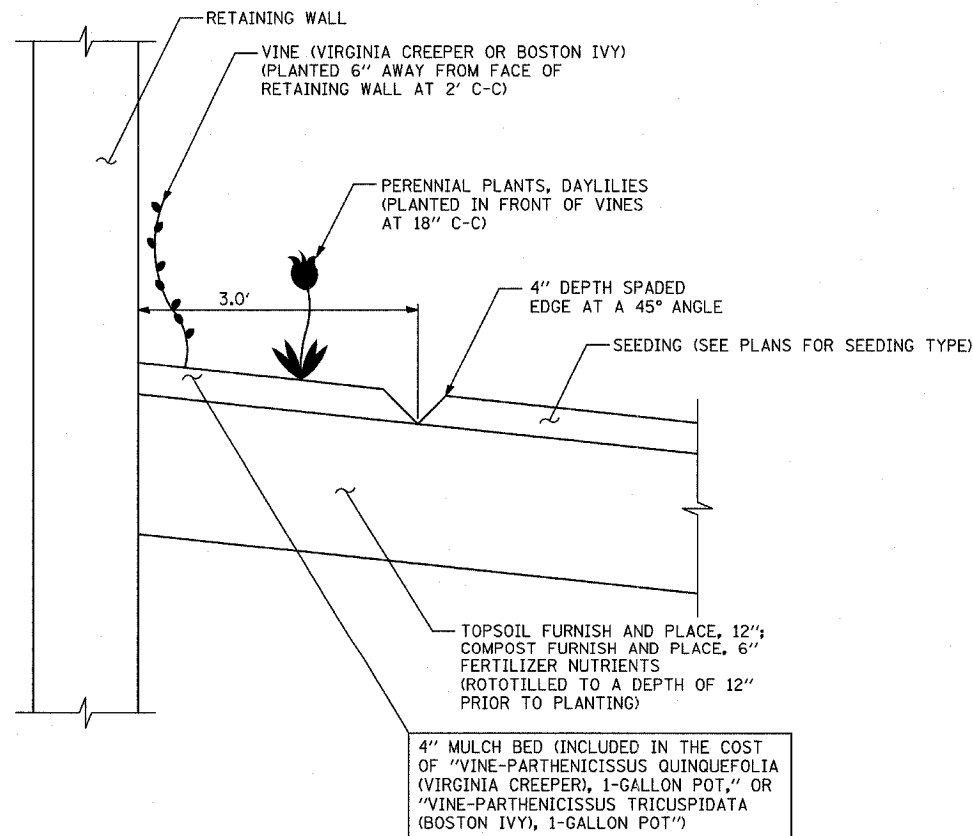
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 2366+00.00 TO 2367+00.00**  
**(SHEET 11 OF 11)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JUS  
 CHECKED BY: JPA



VINE PLANTING DETAIL



VINE AND DAYLILY PLANTING DETAIL

**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.
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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-PARTHENOISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON
  - VINE-PARTHENOISSUS TRICUSPIDATA (BOSTON IVY), 1-GALLON
  - HEMEROCALLIS 'HAPPY RETURNS' (HAPPY RETURNS DAYLILY), 1-GALLON
  - SHRUB, RHUS AROMATICA 'GRO-LOW' (GRO-LOW SUMAC), 18" WIDTH, CONTAINER
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.

**SCHEDULE OF LANDSCAPE ITEMS**

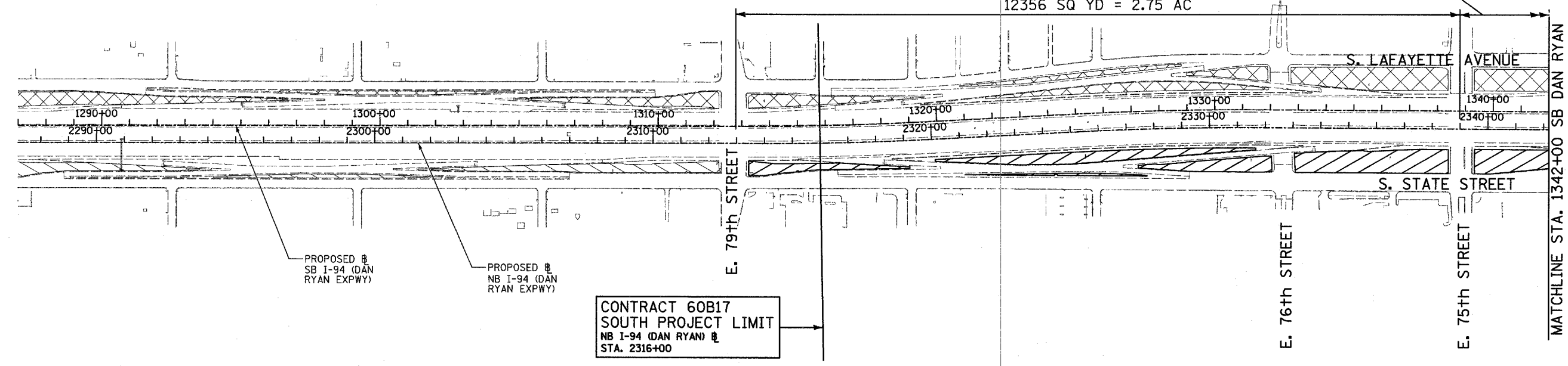
| PAY ITEM DESCRIPTION            | COMMON NAME      | SIZE     | SPACING | UNIT | TOTAL |
|---------------------------------|------------------|----------|---------|------|-------|
| VINE-PARTHENOISSUS QUINQUEFOLIA | VIRGINIA CREEPER | 1-GALLON | 2' C-C" | EACH | 161   |

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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 161       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              | 60B17     |

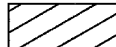


15031 SQ YD =  
3.25 AC (CONT. BELOW)

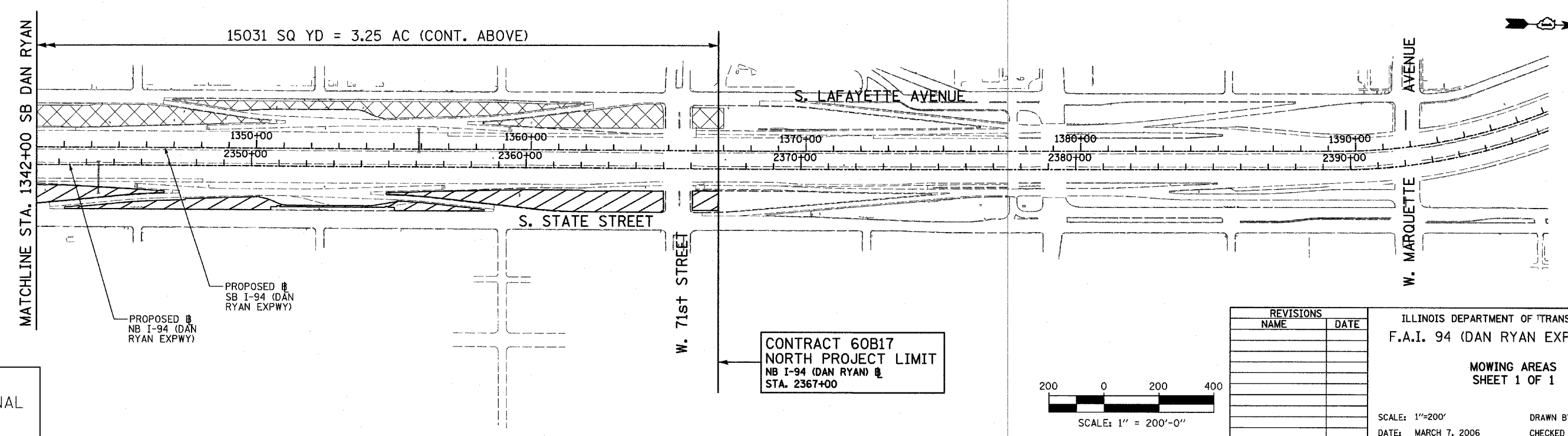
12356 SQ YD = 2.75 AC



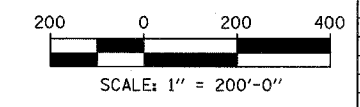
CONTRACT 60B17  
SOUTH PROJECT LIMIT  
NB I-94 (DAN RYAN) @  
STA. 2316+00

**LEGEND**

-  MOWING AREAS THIS CONTRACT
-  MOWING AREAS CONTRACTS 62593 & 60B18
-  MOWING AREAS CONTRACT 62304



CONTRACT 60B17  
NORTH PROJECT LIMIT  
NB I-94 (DAN RYAN) @  
STA. 2367+00



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

**MOWING AREAS  
SHEET 1 OF 1**

SCALE: 1"=200'  
DATE: MARCH 7, 2006

DRAWN BY: RTM  
CHECKED BY: MPG

| F.A.I. RTE.         | SECTION  | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|---------------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK                      | 265          | 162       |
| STA.                |          | TO STA.                   |              |           |
| FED. ROAD DIST. NO. |          | ILLINOIS FED. AID PROJECT |              |           |

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ELECTRICAL SYMBOLS FOR PROPOSED WORK

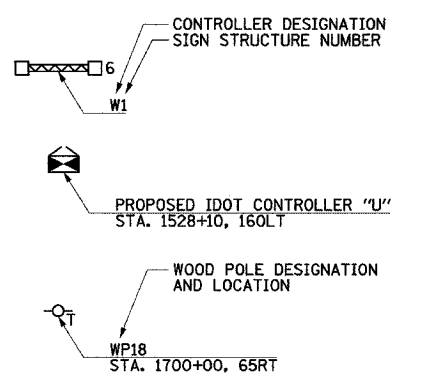
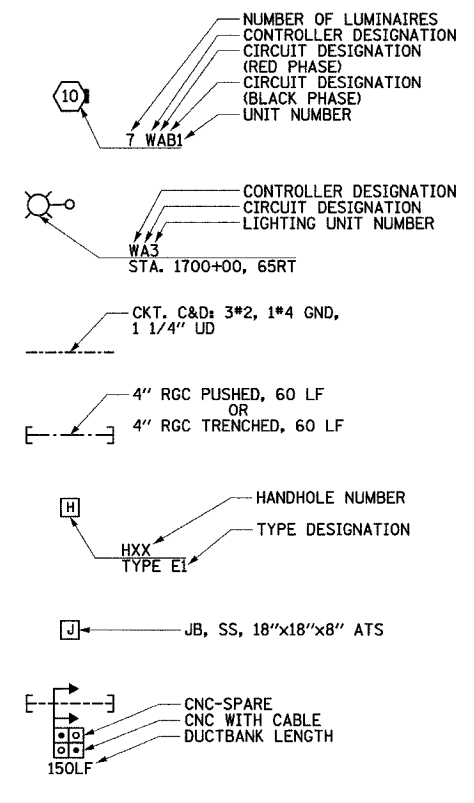
GENERAL ELECTRICAL CALLOUTS

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

| TYPE | TOWER HEIGHT |
|------|--------------|
| 10   | 100 FEET     |
| 11   | 110 FEET     |
| 12   | 120 FEET     |
- LIGHT POLE FOUNDATION, SINGLE MAST ARM  
(POLE AND LUMINAIRE (NIC))
- LIGHT POLE FOUNDATION, TWIN MAST ARM  
(POLE AND LUMINAIRE (NIC))
- TEMPORARY LIGHTING UNIT INCLUDING 60 FOOT  
WOOD POLE (CLASS 4), 8'-0" MAST ARM WITH  
400 WATT HPS LUMINAIRE
- 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



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

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

ELECTRICAL SYMBOLS

SCALE: NOT TO SCALE  
DATE: MARCH 7, 2006

DRAWN BY: CJM  
CHECKED BY: BMW



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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 163       |
| STA.                |          | TO STA.          |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

60B17

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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            |
| ☉     | 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 SHEETS E-301 AND EI-107 FOR STANDARDS.
- COORDINATE ALL WORK WITH OTHER IDOT CONTRACTS 62583, 62937, 62593 AND OTHER CONTRACTS AS APPLICABLE.
- COORDINATE CONDUIT INSTALLATION WITH THE PRIME 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, AND CANNOT BE ENERGIZED FROM THE DEPARTMENT'S CONTROLLERS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ADJACENT 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.

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

**ELECTRICAL ABBREVIATIONS AND GENERAL NOTES**

SCALE: NOT TO SCALE      DRAWN BY: CJM  
DATE: MARCH 7, 2006      CHECKED BY: BMW

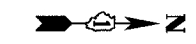
**SINGH** 300 W. ADAMS ST.  
CHICAGO, IL 60606  
SINGH & ASSOCIATES, INC. TEL: (312) 629-0240  
CONSULTING ENGINEERS FAX: (312) 629-8449

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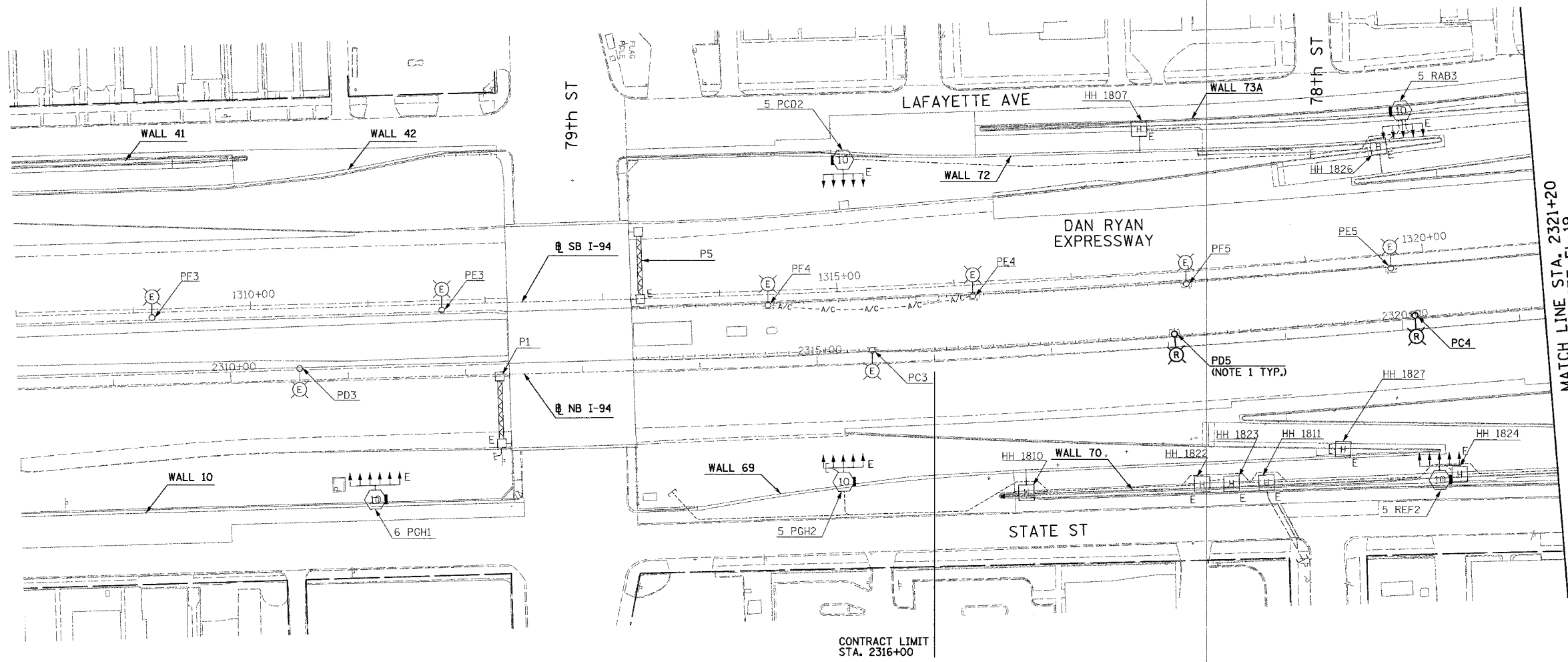


| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK             | 265          | 164       |
| STA. 2316+00        |          | TO STA. 2321+20  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

60B17



- NOTES:
- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (60B17).



MATCH LINE STA. 2321+20  
SEE SHEET EL-19



20C/EL-18

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

ROADWAY LIGHTING AND SURVEILLANCE PLANS  
EXISTING CONDITIONS AND DEMOLITION  
STA. 2316+00 TO STA. 2321+20

SCALE: 1"=50'      DRAWN BY: YJ  
DATE: MARCH 7, 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

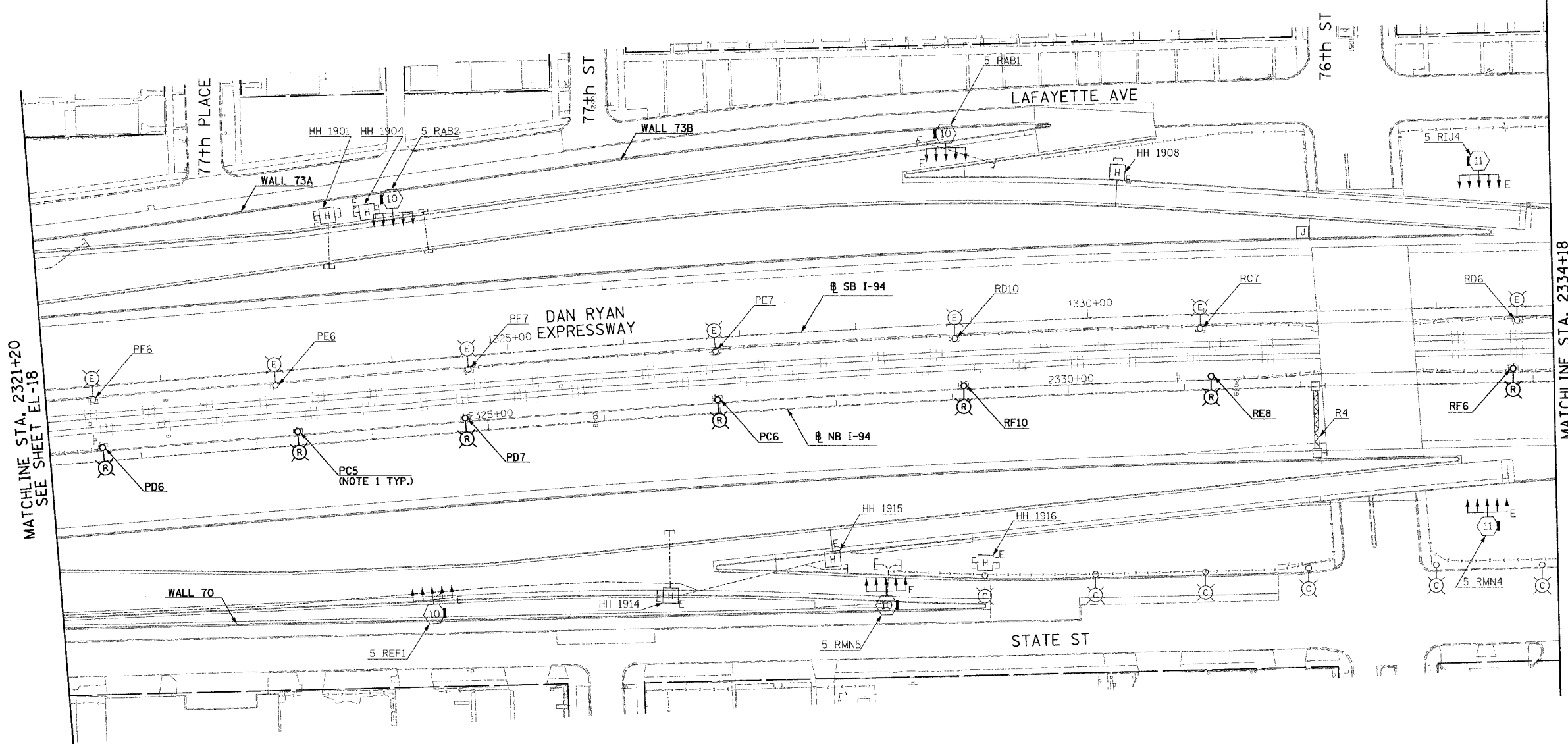
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
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| 94                  | 1818 R-3 | COOK             | 265          | 165       |
| STA. 2321+20        |          | TO STA. 2334+18  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

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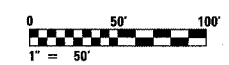
NOTES:

- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (60B17).



MATCHLINE STA. 2321+20  
SEE SHEET EL-18

MATCHLINE STA. 2334+18  
SEE SHEET EL-20



20C/EL-19

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

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
ROADWAY LIGHTING AND SURVEILLANCE PLANS  
EXISTING CONDITIONS AND DEMOLITION  
STA. 2321+20 TO STA. 2334+18  
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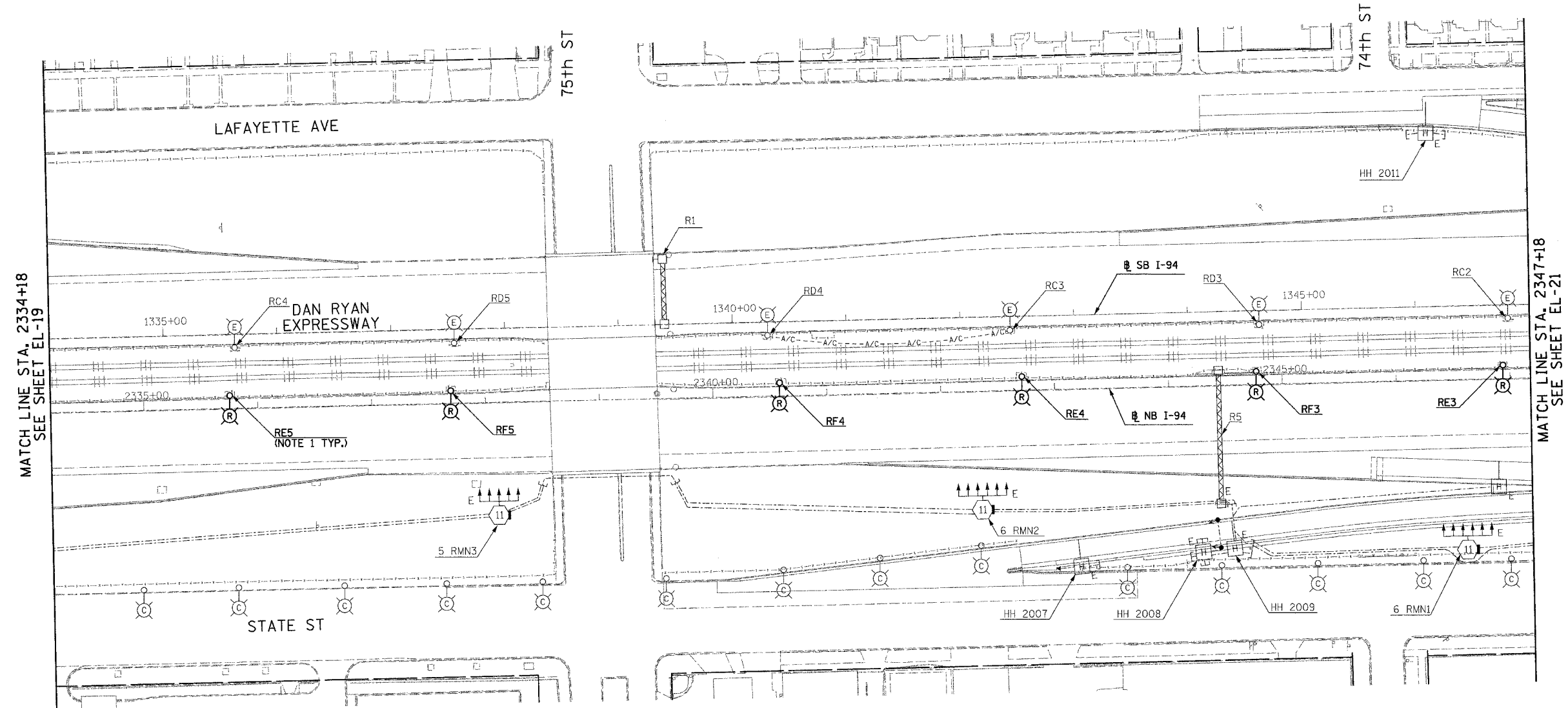
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 166       |
| STA. 2334+18        |          | TO STA. 2347+18  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

60B17



NOTES:

- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (60B17).



MATCH LINE STA. 2334+18  
SEE SHEET EL-19

MATCH LINE STA. 2347+18  
SEE SHEET EL-21



20C/EL-20

**SINGH** 300 W. ADAMS ST.  
CHICAGO, IL 60606  
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CONSULTING ENGINEERS FAX: (312) 629-8449

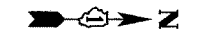
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
ROADWAY LIGHTING AND SURVEILLANCE PLANS  
EXISTING CONDITIONS AND DEMOLITION  
STA. 2334+18 TO STA. 2347+18  
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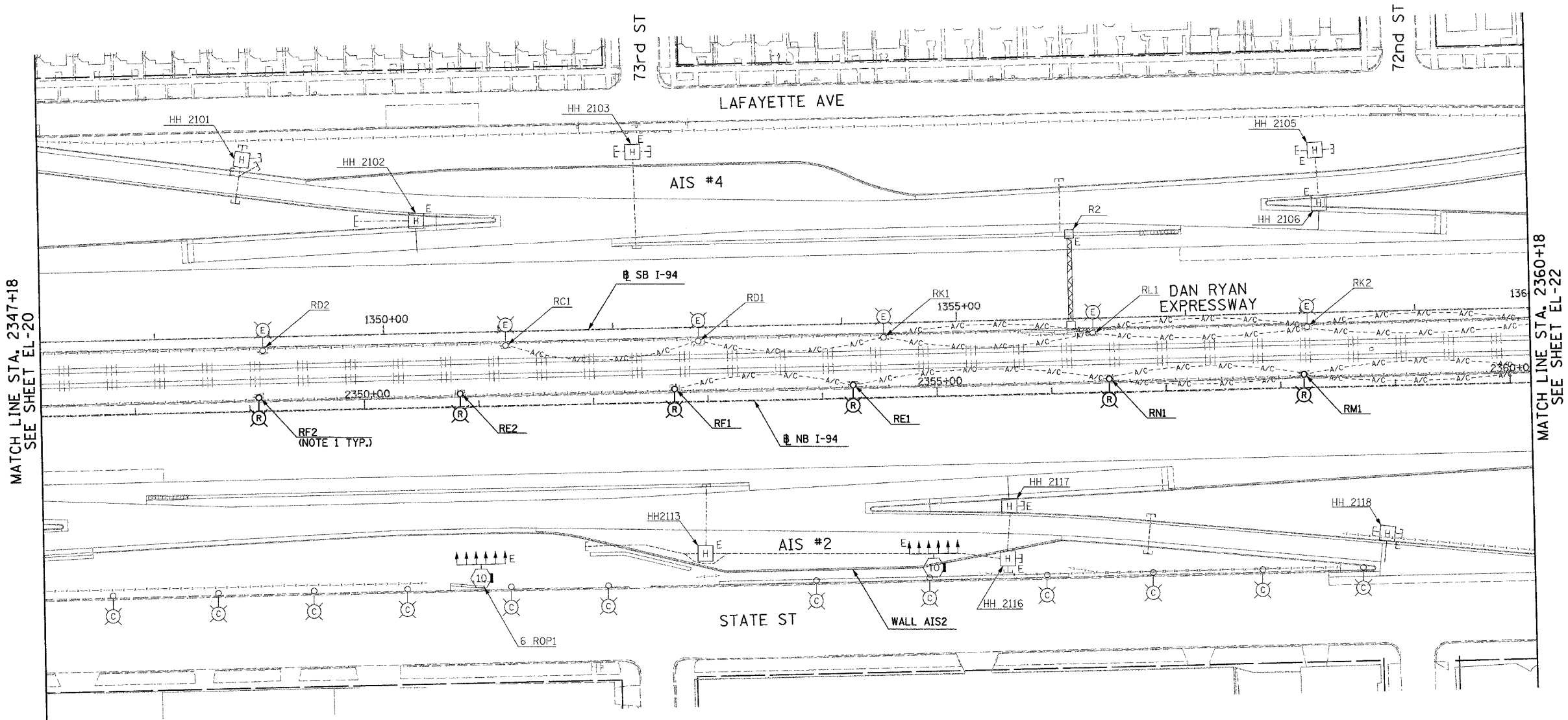
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| F.A.I. RTE.         | SECTION                   | COUNTY          | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3                  | COOK            | 265          | 167       |
| STA. 2347+18        |                           | TO STA. 2360+18 |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |                 |              |           |

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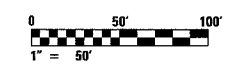
NOTES:

- ROADWAY LIGHT POLES AND AERIAL CABLE SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (60B17).



MATCH LINE STA. 2347+18  
SEE SHEET EL-20

MATCH LINE STA. 2360+18  
SEE SHEET EL-22



20C/EL-21

**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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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
ROADWAY LIGHTING AND SURVEILLANCE PLANS  
EXISTING CONDITIONS AND DEMOLITION  
STA. 2347+18 TO STA. 2360+18

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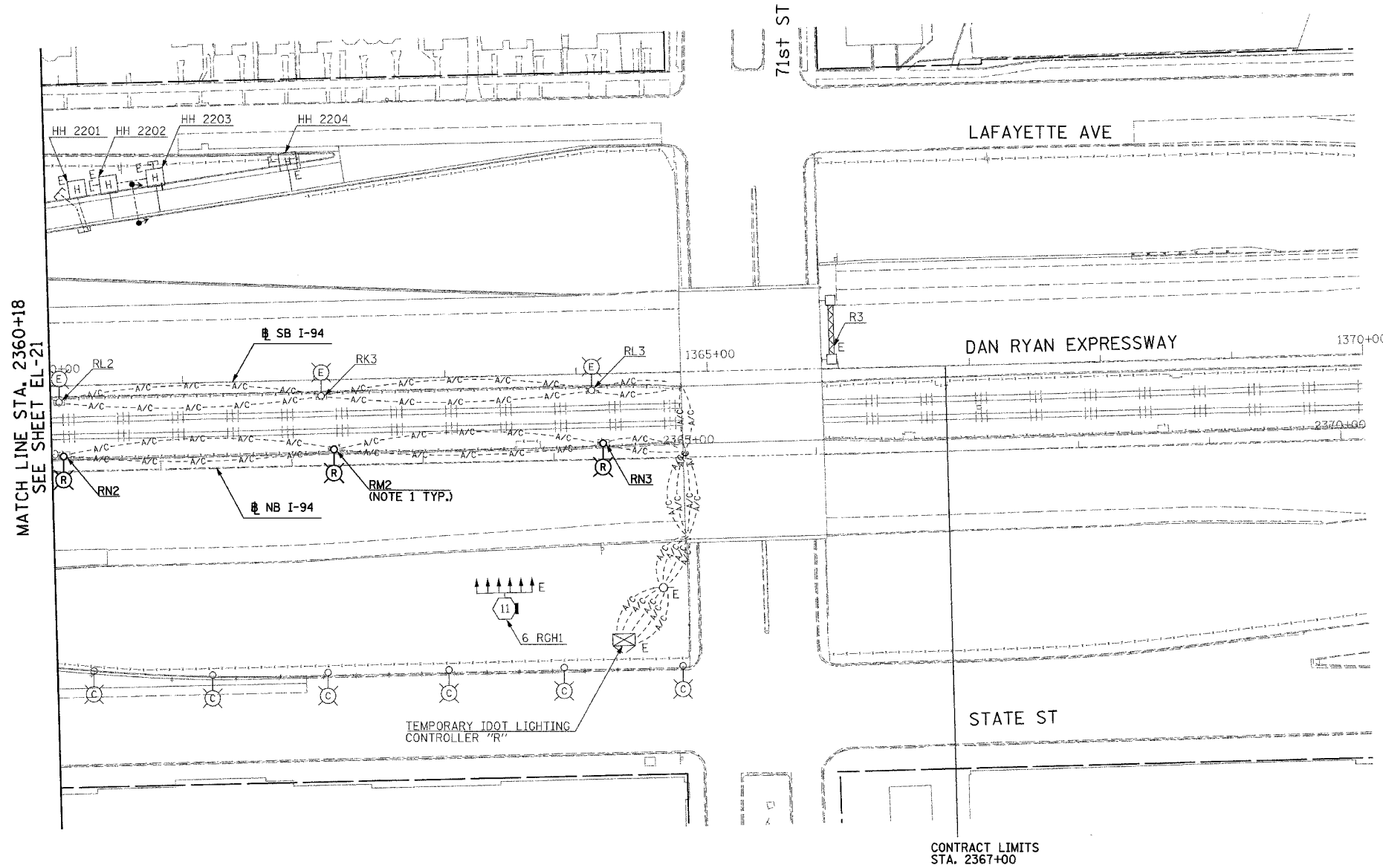
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| F.A.I. RTE.         | SECTION                   | COUNTY          | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3                  | COOK            | 265          | 168       |
| STA. 2360+18        |                           | TO STA. 2367+00 |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |                 |              |           |

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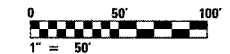
NOTES:

- ROADWAY LIGHT POLES SHALL BE REMOVED UNDER CONTRACT 62583. FOUNDATION REMOVAL SHALL BE INCLUDED AS PART OF THIS CONTRACT (60B17).



MATCH LINE STA. 2360+18  
SEE SHEET EL-21

CONTRACT LIMITS  
STA. 2367+00



20C/EL-22

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

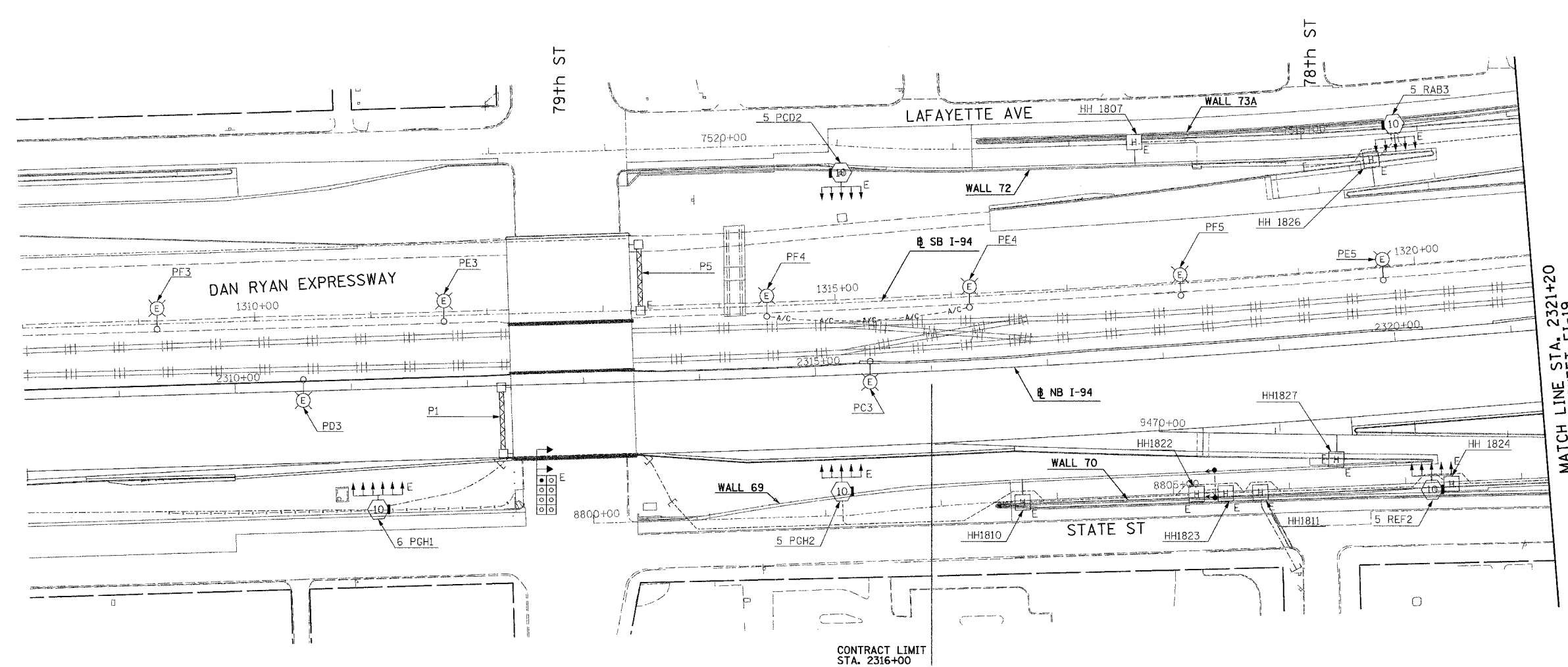
ROADWAY LIGHTING AND SURVEILLANCE PLANS  
EXISTING CONDITIONS AND DEMOLITION  
STA. 2360+18 TO STA. 2367+00

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| F.A.I. RTE.                  | SECTION  | COUNTY | TOTAL SHEETS              | SHEET NO. |
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| 94                           | 1818 R-3 | COOK   | 265                       | 169       |
| STA. 2316+00 TO STA. 2321+20 |          |        | ILLINOIS FED. AID PROJECT |           |
| FED. ROAD DIST. NO.          |          |        | 60B17                     |           |

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



NO ELECTRICAL WORK ON THIS SHEET FOR REFERENCE ONLY



20C/EI-18

**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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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
ELECTRICAL INFRASTRUCTURE PLANS  
PROPOSED IMPROVEMENTS  
STA. 2316+00 TO STA. 2321+20  
SCALE: 1"=50' DRAWN BY: VK  
DATE: MARCH 7, 2006 CHECKED BY: TM

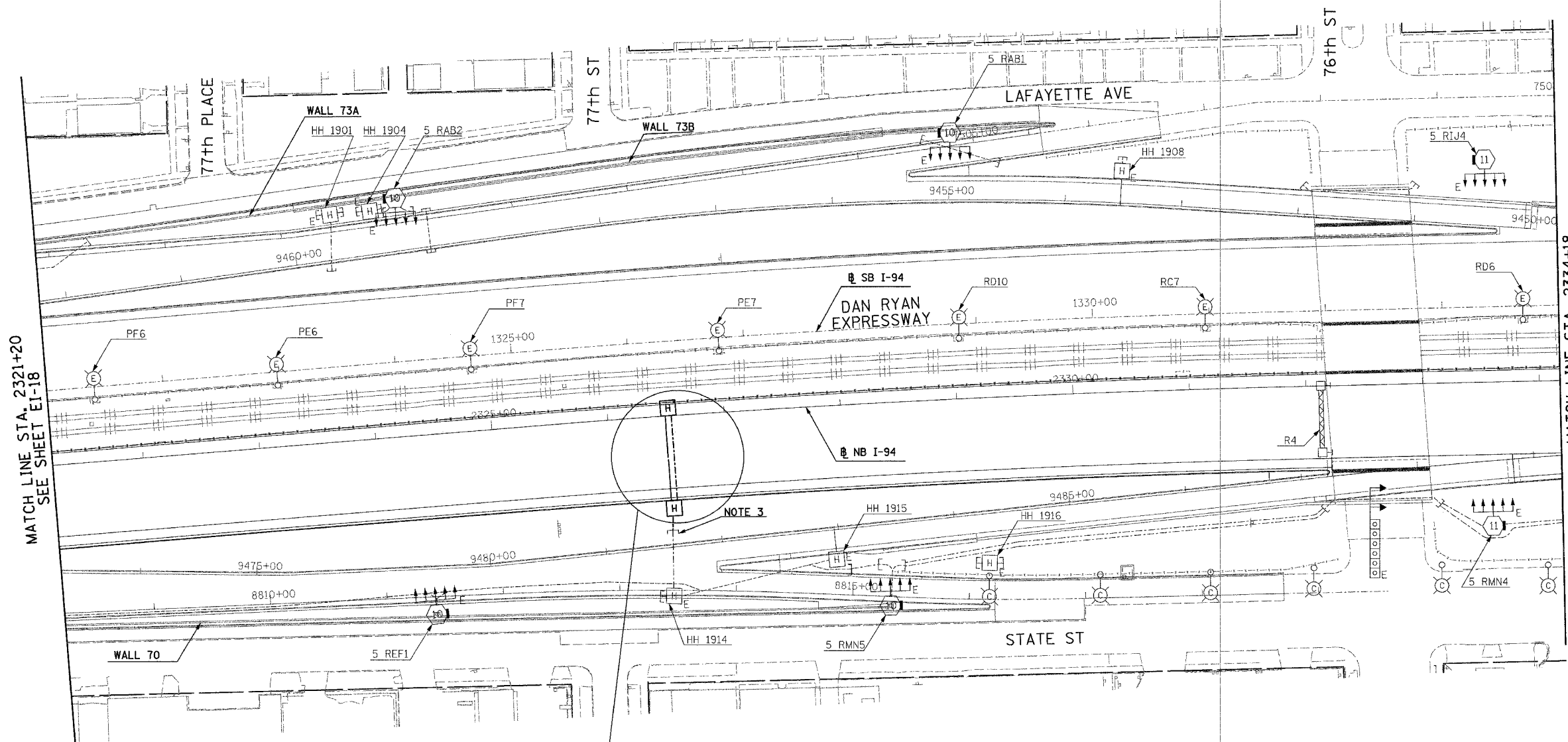
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 170       |
| STA. 2321+20        |          | TO STA. 2334+18  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

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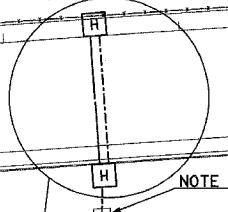
**NOTES:**

1. REFER TO SHEET EI-106 AND EI-110 FOR HANDHOLE DETAILS.
2. REFER TO SHEET EI-106 FOR HANDHOLE DETAILS. INSTALL HANDHOLE BEHIND CURB AS SHOWN ON SHEET EI-110.
3. CONNECT TO EXISTING 2" CONDUIT INSTALLED UNDER CONTRACT 62694.
4. REFER TO SHEET EI-115 FOR DETECTOR STATION LAYOUT.

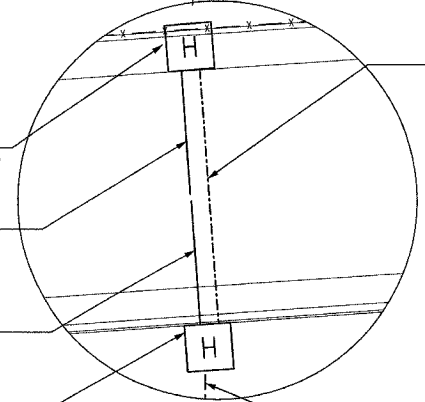


MATCH LINE STA. 2321+20  
SEE SHEET EI-18

MATCH LINE STA. 2334+18  
SEE SHEET EI-20



NOTE 3



2" RGC IN TRENCH  
83 LF

HH 1911, TYPE S1  
STA. 2326+52, IN SHOULDER,  
NOTE 1

3" PVC CONCRETE ENCASED  
40 LF

3" PVC CONCRETE ENCASED  
41 LF

HH 1912, TYPE S1  
STA. 2326+52, BEHIND CURB, NOTE 2

(1)-2" CNC IN TRENCH  
12 LF



20C/EI-19

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

ELECTRICAL INFRASTRUCTURE PLANS  
PROPOSED IMPROVEMENTS  
STA. 2321+20 TO STA. 2334+18

SCALE: 1"=50'  
DATE: MARCH 7, 2006

DRAWN BY: VK  
CHECKED BY: TM

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

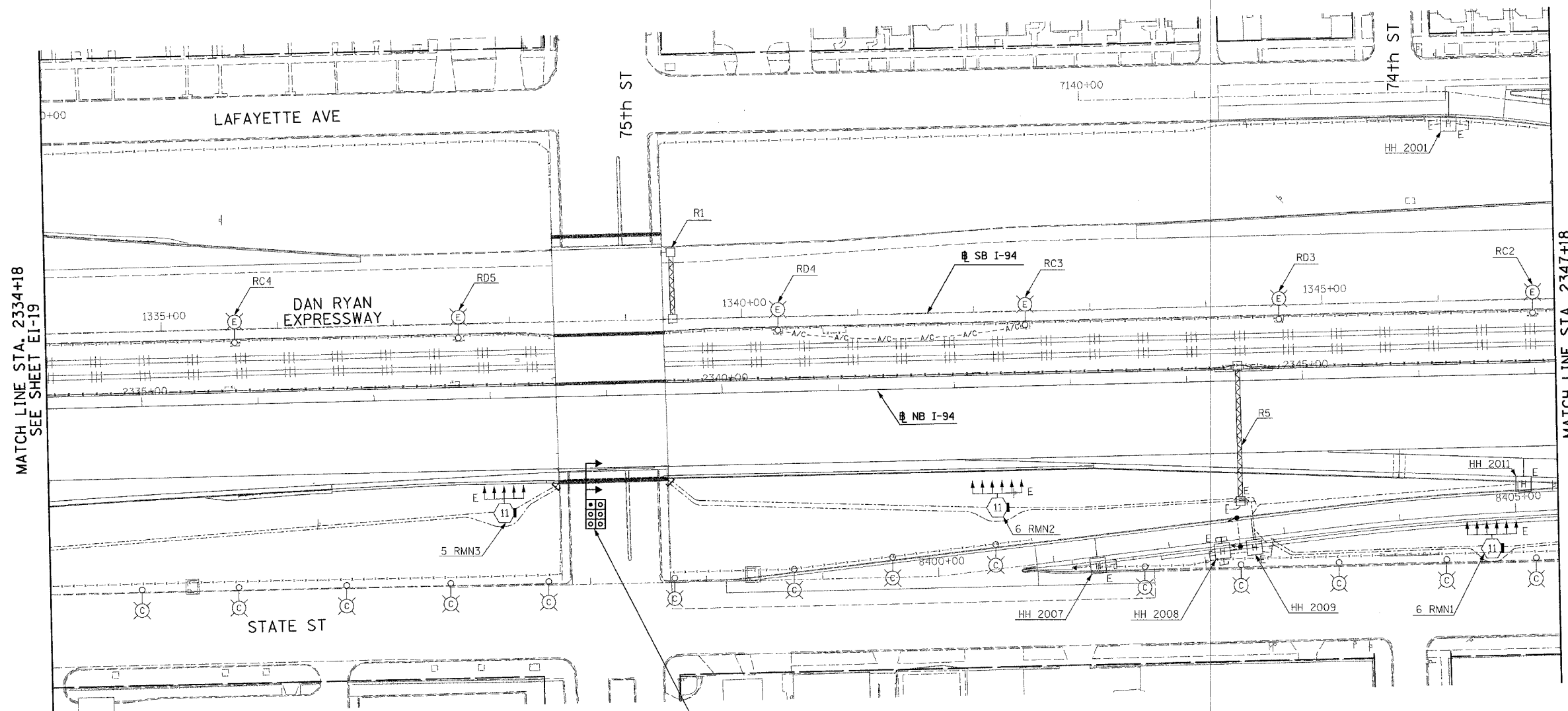
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| F.A.I. RTE.         | SECTION  | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|---------------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK                      | 265          | 171       |
| STA. 2334+18        |          | TO STA. 2347+18           |              |           |
| FED. ROAD DIST. NO. |          | ILLINOIS FED. AID PROJECT |              |           |

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NOTES:

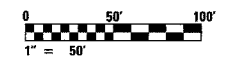
- REFER TO SHEETS EI-102 AND EI-103 FOR DUCTBANK INSTALLATION DETAILS.



MATCH LINE STA. 2334+18  
SEE SHEET EI-19

MATCH LINE STA. 2347+18  
SEE SHEET EI-21

(6)-4" CNC CONC. ENCASED, REINFORCED  
110 LF (3-LTG, 3-ITS) NOTE 1



20C/EI-20

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

ELECTRICAL INFRASTRUCTURE PLANS  
PROPOSED IMPROVEMENTS  
STA. 2334+18 TO STA. 2347+18

SCALE: 1"=50'      DRAWN BY: VK  
DATE: MARCH 7, 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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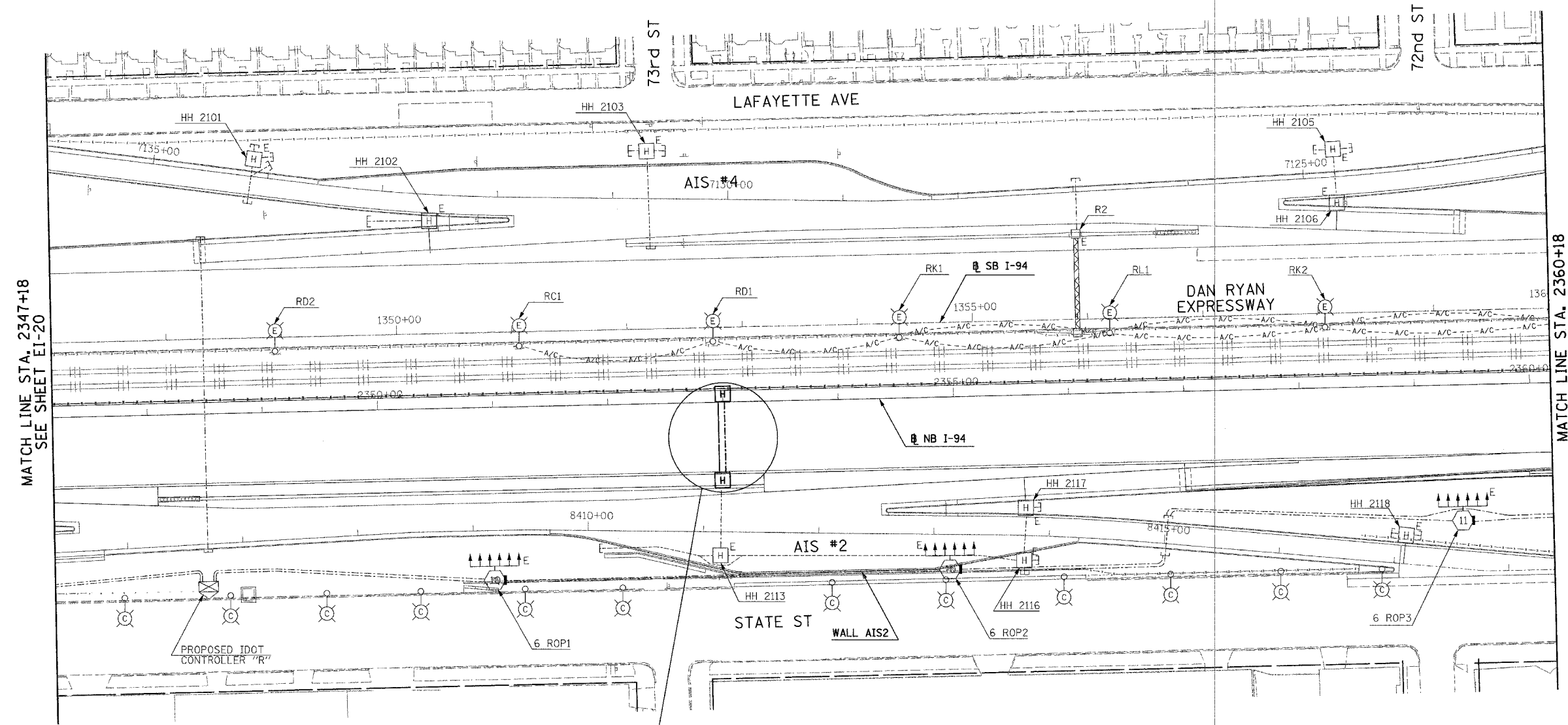


| F.A.I. RTE.         | SECTION  | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|---------------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK                      | 265          | 172       |
| STA. 2347+18        |          | TO STA. 2360+18           |              |           |
| FED. ROAD DIST. NO. |          | ILLINOIS FED. AID PROJECT |              |           |

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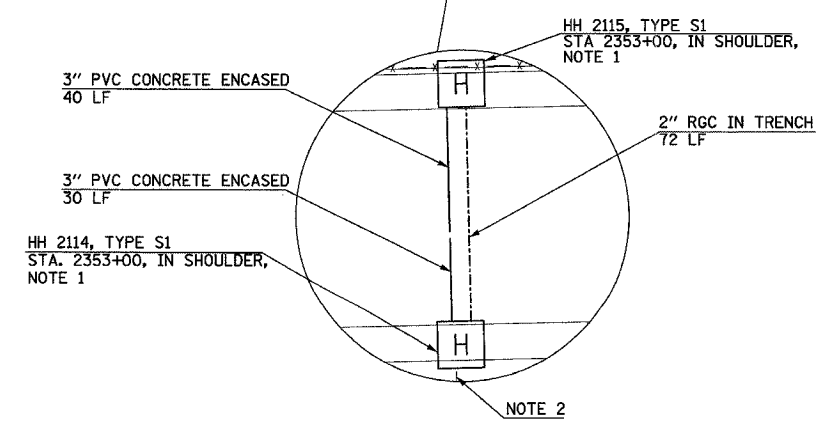
NOTES:

1. REFER TO SHEET EI-106 AND EI-110 FOR HANDHOLE DETAILS.
2. CONNECT TO EXISTING 2" RGC CONDUIT PROVIDED UNDER CONTRACT 62694.
3. REFER TO SHEET EI-115 FOR DETECTOR STATION LAYOUT.



MATCH LINE STA. 2347+18  
SEE SHEET EI-20

MATCH LINE STA. 2360+18  
SEE SHEET EI-22



20C/EI-21

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

ELECTRICAL INFRASTRUCTURE PLANS  
PROPOSED IMPROVEMENTS  
STA. 2347+18 TO STA. 2360+18

SCALE: 1"=50'      DRAWN BY: VK  
DATE: MARCH 7, 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

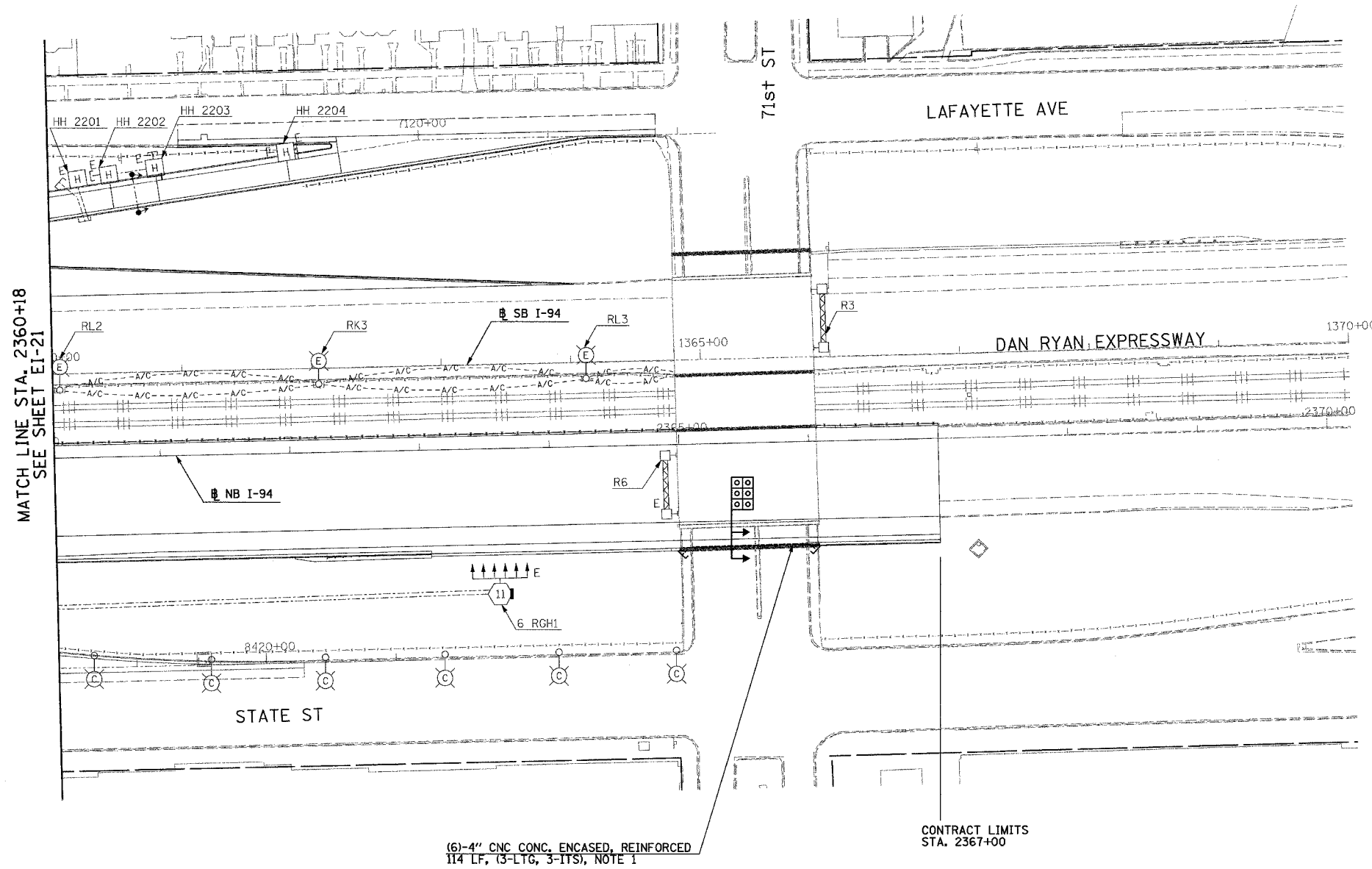
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK             | 265          | 173       |
| STA. 2360+18        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

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**NOTES:**

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



20C/EI-22

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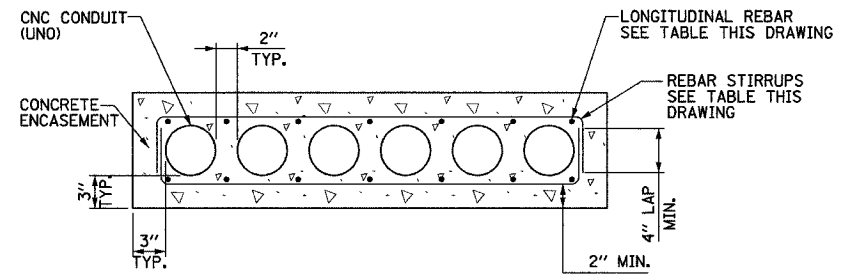
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 ELECTRICAL INFRASTRUCTURE PLANS  
 PROPOSED IMPROVEMENTS  
 STA. 2360+18 TO STA. 2367+00  
 SCALE: 1"=50' DRAWN BY: VK  
 DATE: MARCH 7, 2006 CHECKED BY: TM

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

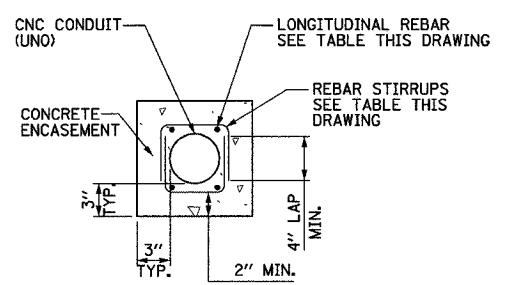
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**NOTES:**

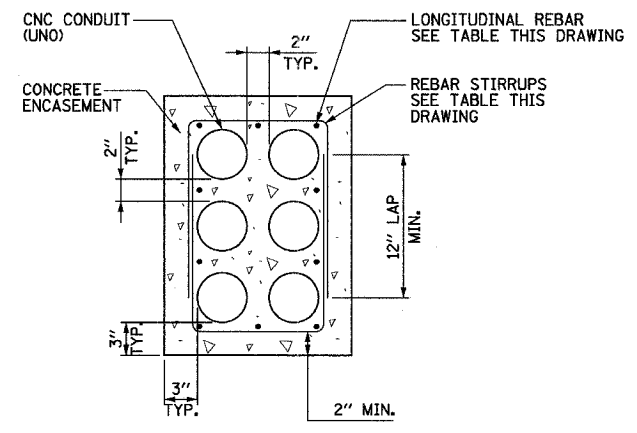
- SEE DRAWINGS 20C/EI-100 AND 20C/EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- PROVIDE MINIMUM CLEARANCE SHOWN FROM TOP OF DUCTBANK TO FINISHED GRADE FOR ALL DUCTBANKS, REGARDLESS OF SIZE. CONTRACTOR SHALL INSTALL DUCTBANKS SUCH THAT THEY WILL CLEAR ALL UNDERGROUND OBSTACLES.
- TRENCH SHALL HAVE 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).



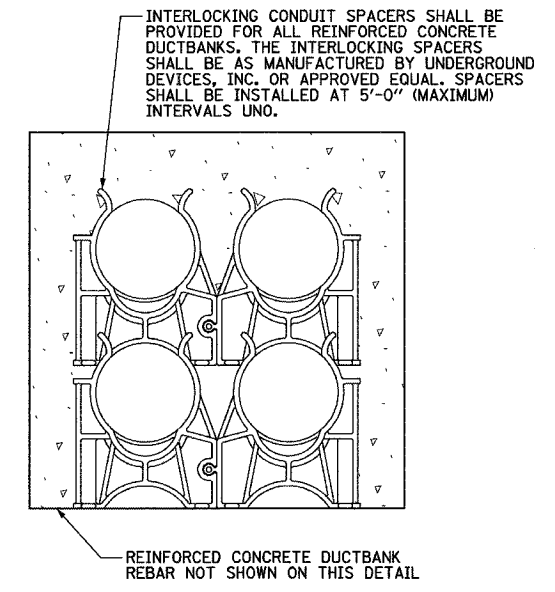
**6x1 DUCTBANK DETAIL-**  
**IN REINFORCED CONCRETE**  
NOT TO SCALE



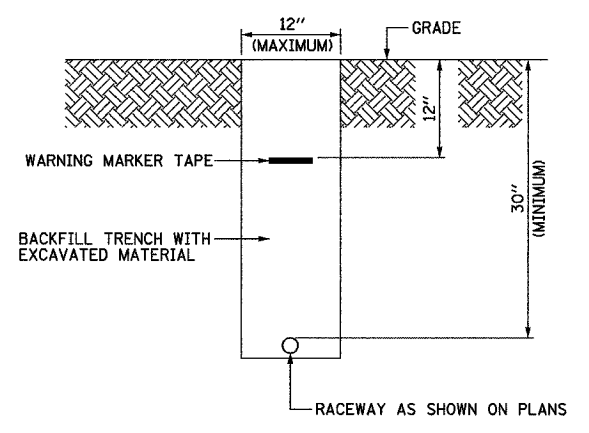
**1x1 DUCTBANK DETAIL-**  
**IN REINFORCED CONCRETE**  
NOT TO SCALE



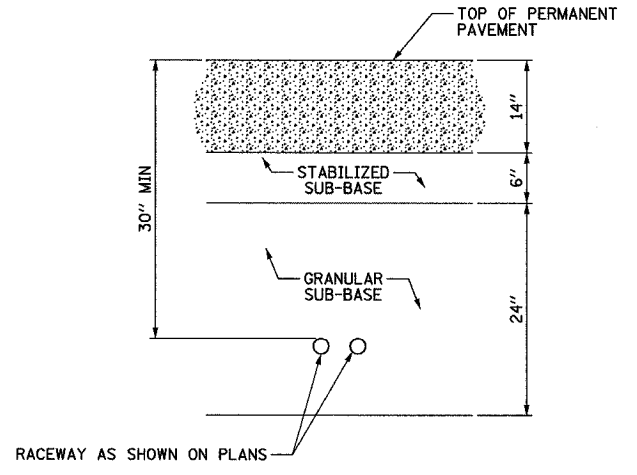
**2x3 DUCTBANK DETAIL-**  
**IN REINFORCED CONCRETE**  
NOT TO SCALE



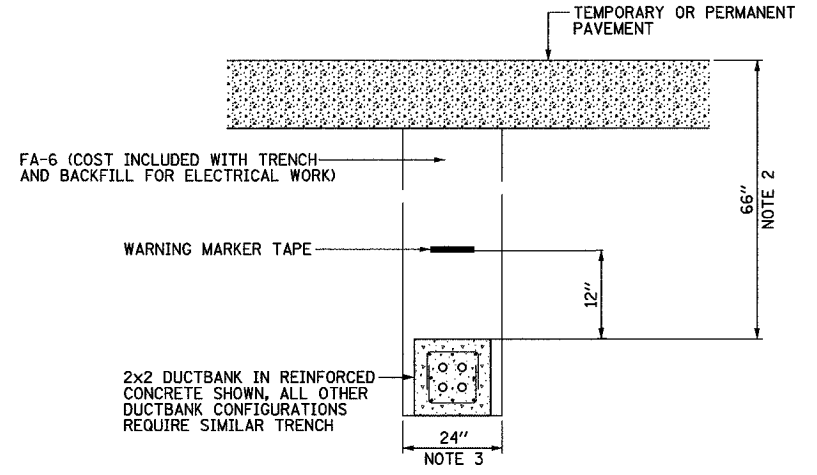
**INTERLOCKING CONDUIT SPACER DETAIL**  
NOT TO SCALE



**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 |

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

**ELECTRICAL DUCTBANK DETAILS**

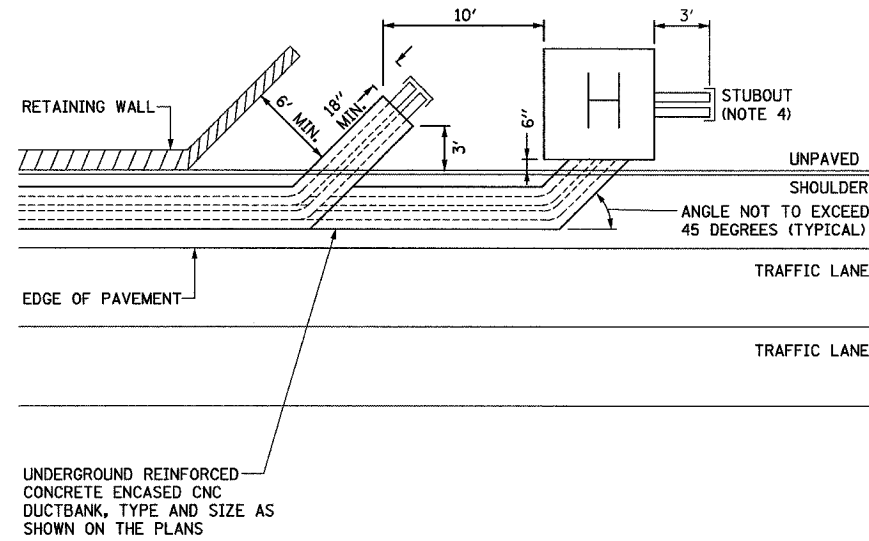
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DATE: MARCH 7, 2006      CHECKED BY:

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

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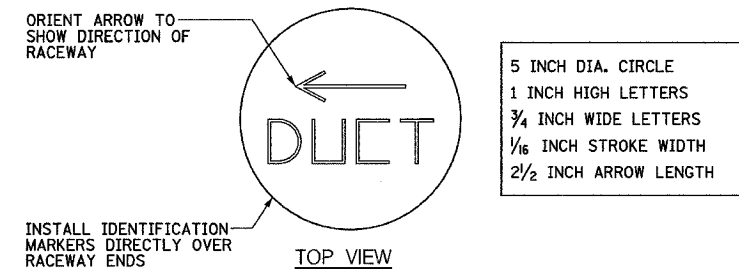
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| F.A.I. RTE.         | SECTION  | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK                      | 265          | 175       |
| STA.                |          | TO STA.                   |              |           |
| FED. ROAD DIST. NO. |          | ILLINOIS FED. AID PROJECT |              |           |

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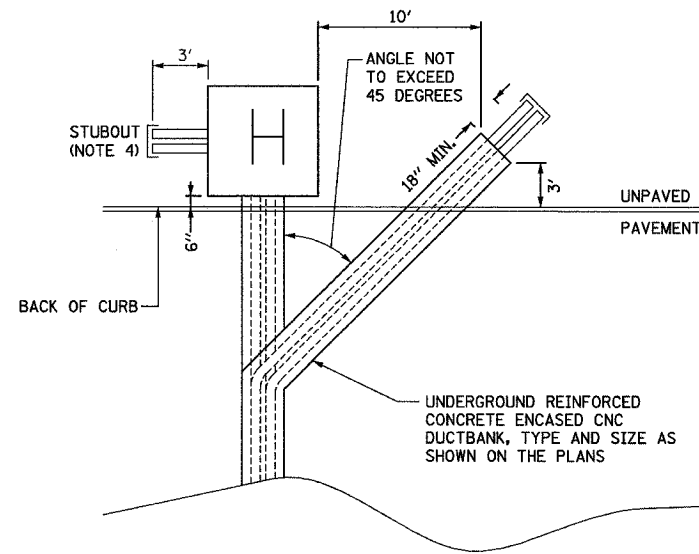
**DUCTBANK INSTALLATION DETAIL ALONG RETAINING WALL**

NOT TO SCALE



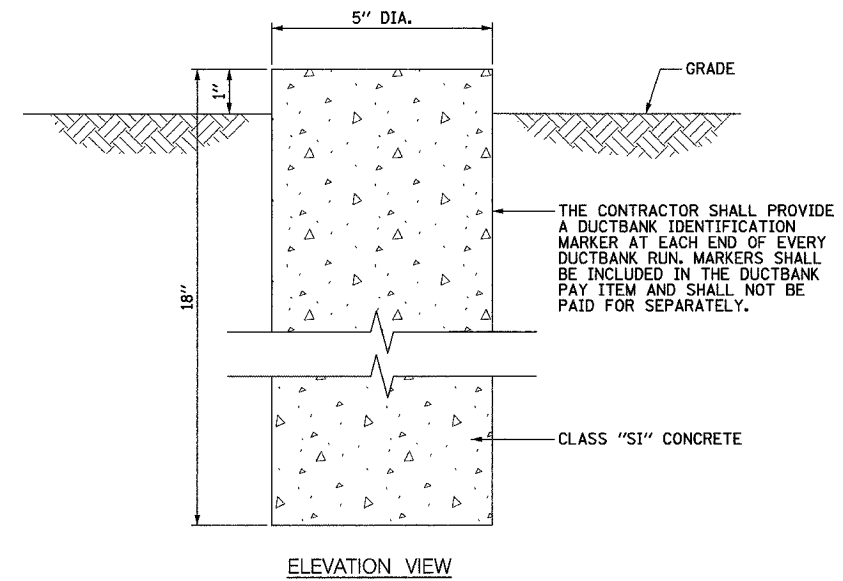
**DUCTBANK IDENTIFICATION MARKER DETAIL**

SCALE: 3" = 1'-0"



**DUCTBANK INSTALLATION DETAIL UNDER PAVEMENT**

NOT TO SCALE



**NOTES:**

- SEE DRAWINGS 20C/EI-100 AND 20C/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 20C/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 FOR SEPARATELY.
- FOR DETAILS AT SPECIFIC LOCATIONS, SEE "TYPICAL SECTION DETAILS: EXISTING CROSS STREET OVERPASS FOOTINGS".

**SINGH**  
SINGH & ASSOCIATES, INC.  
CONSULTING ENGINEERS

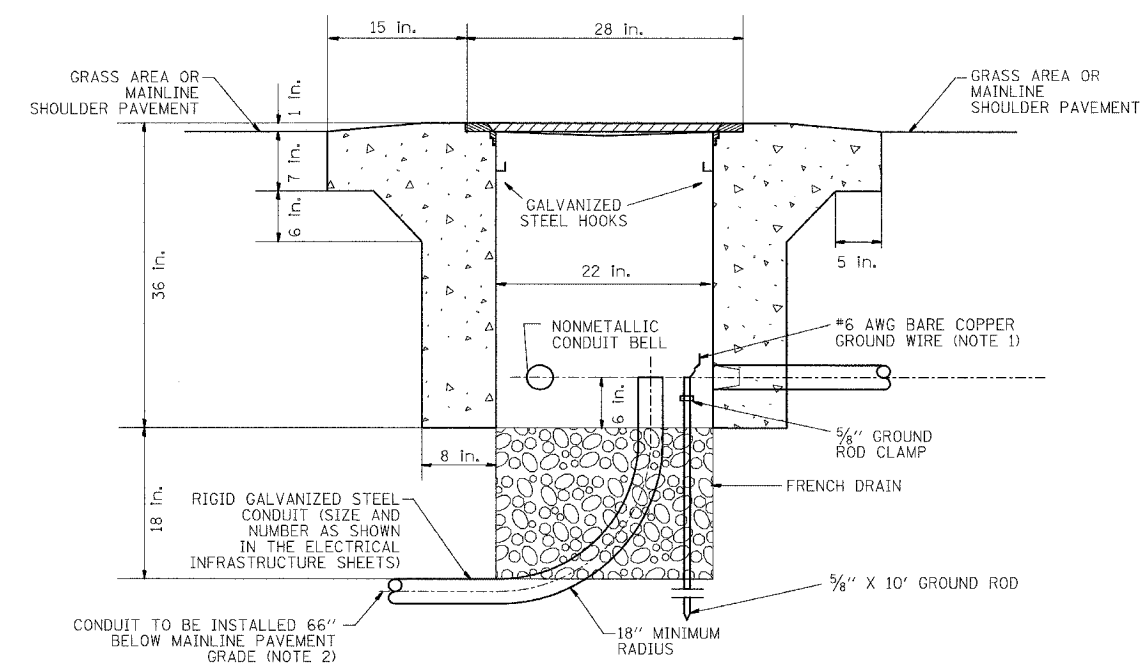
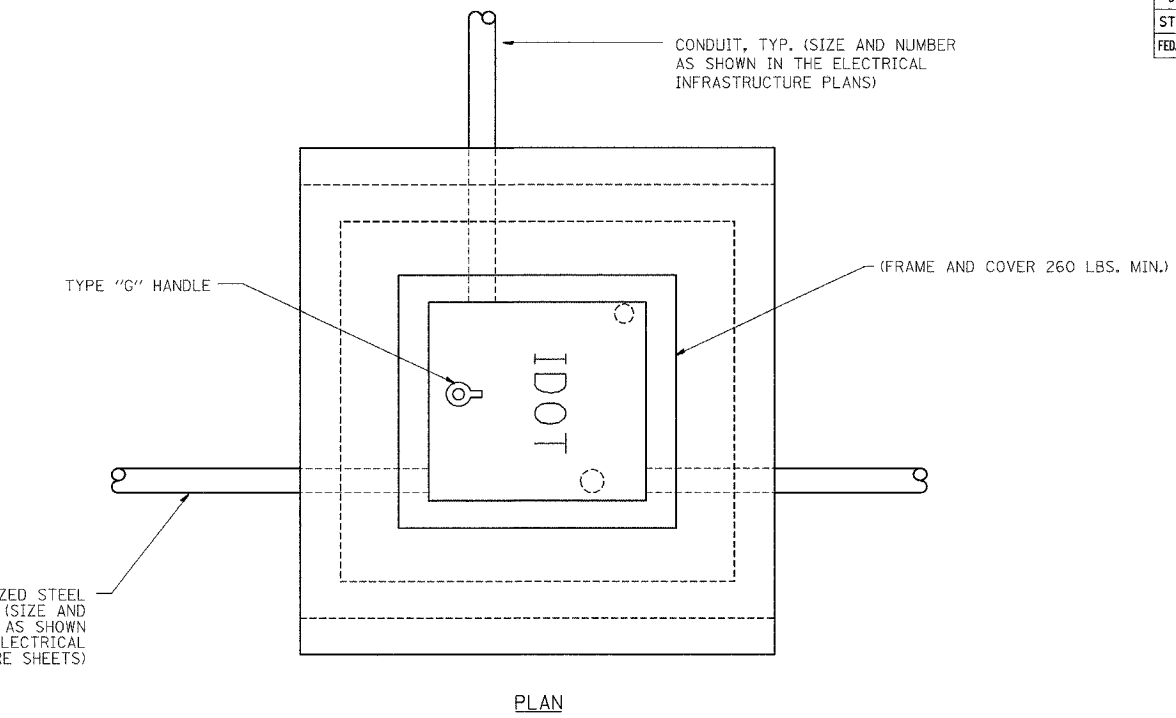
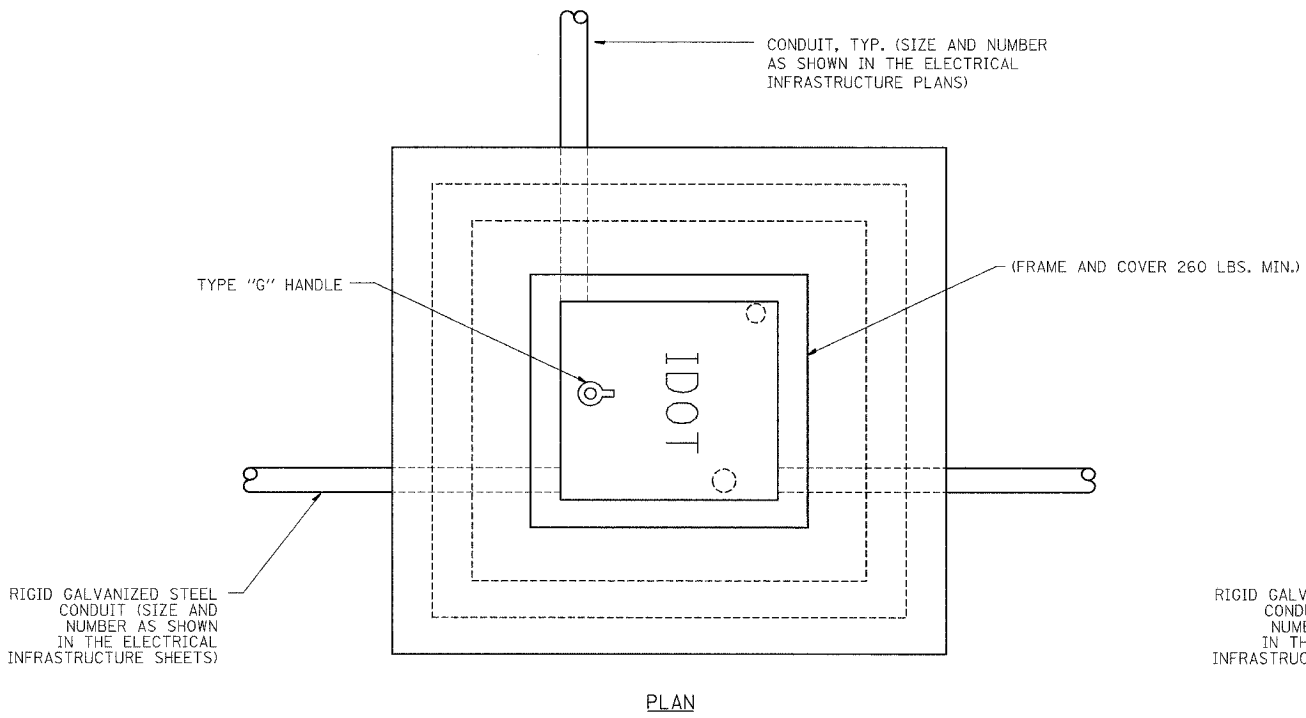
300 W. ADAMS ST.  
CHICAGO, IL 60606  
TEL: (312) 629-0240  
FAX: (312) 629-8449

| REVISIONS |      | ILLINOIS DEPARTMENT OF TRANSPORTATION<br>F.A.I. 94 (DAN RYAN EXPRESSWAY) |
|-----------|------|--|
| NAME      | DATE |  |
|           |      | ELECTRICAL DUCTBANK DETAILS<br>IN SHOULDER AND UNDER PAVEMENT            |
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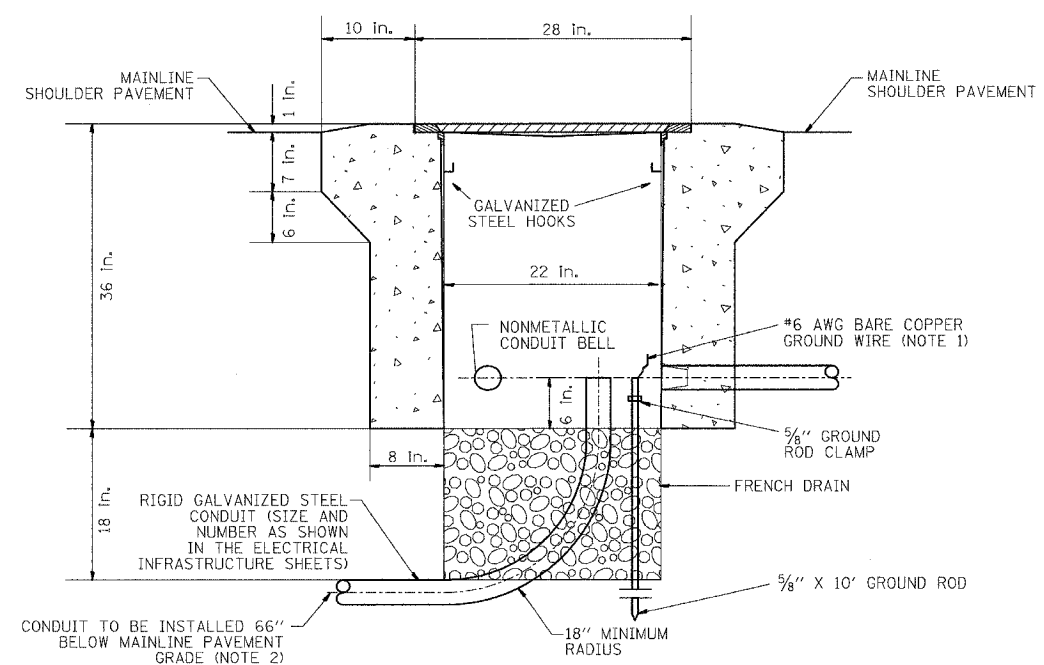
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 176       |
| STA.                | TO STA.  |                  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | 60B17        |           |



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



**ELEVATION**  
**PC CONCRETE**  
**HEAVY DUTY HANDHOLE, TYPE S1 (SPECIAL)**  
 (FOR INSTALLATION IN  
 MAINLINE SHOULDER NARROWER  
 THAN 6', 4' MINIMUM WIDTH)

**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).

**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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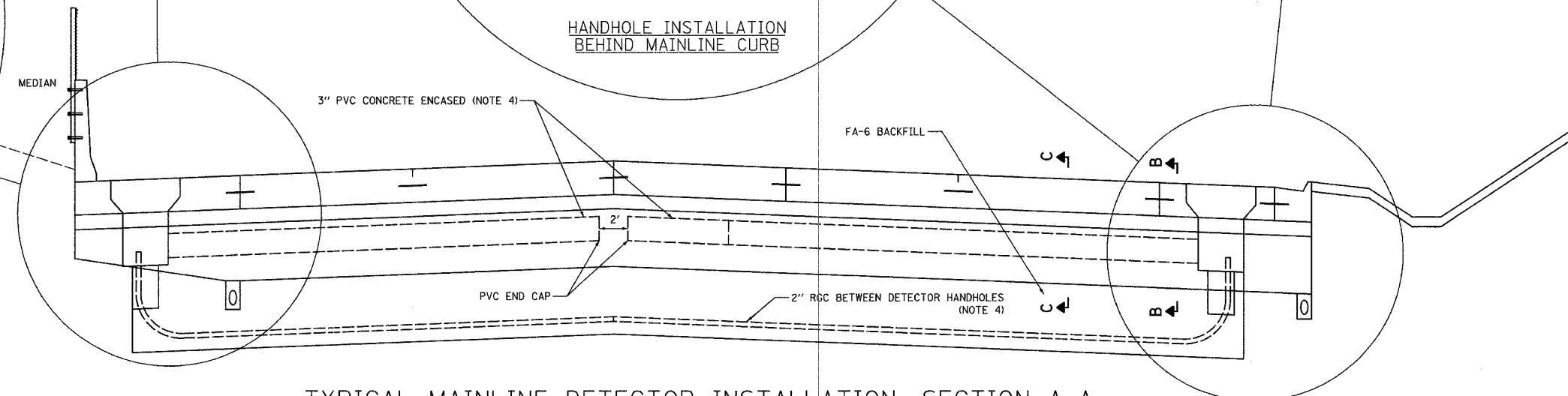
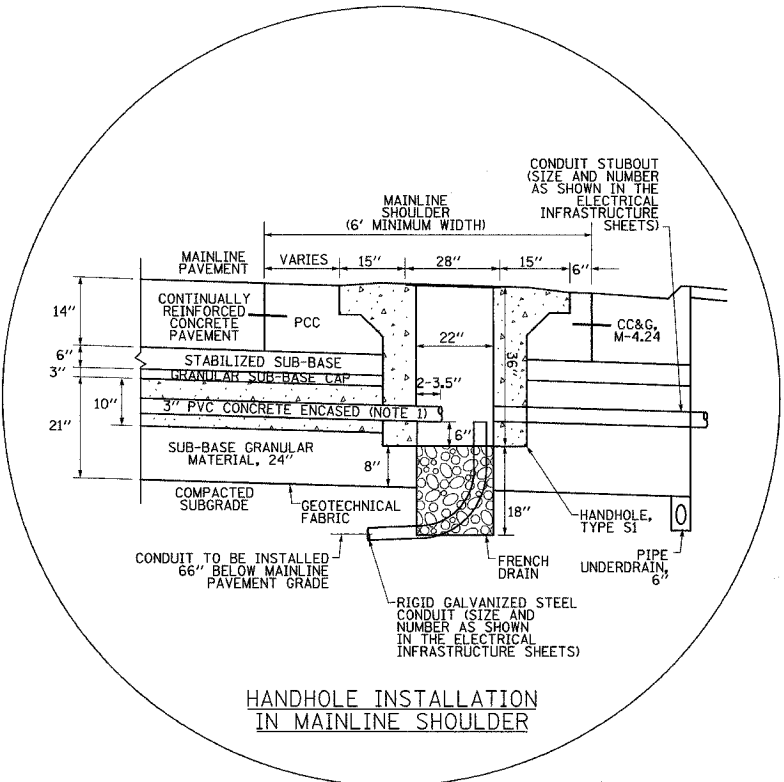
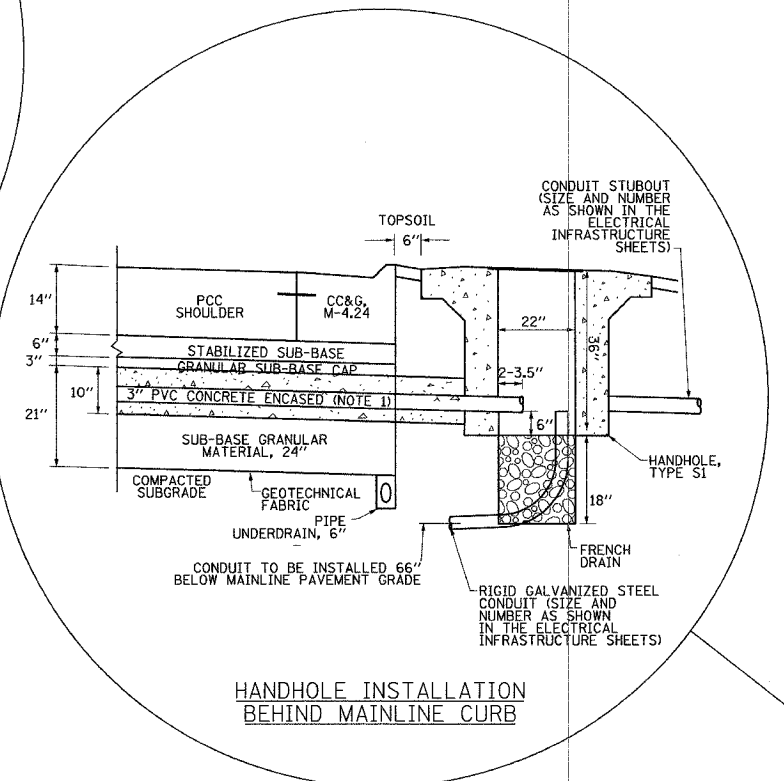
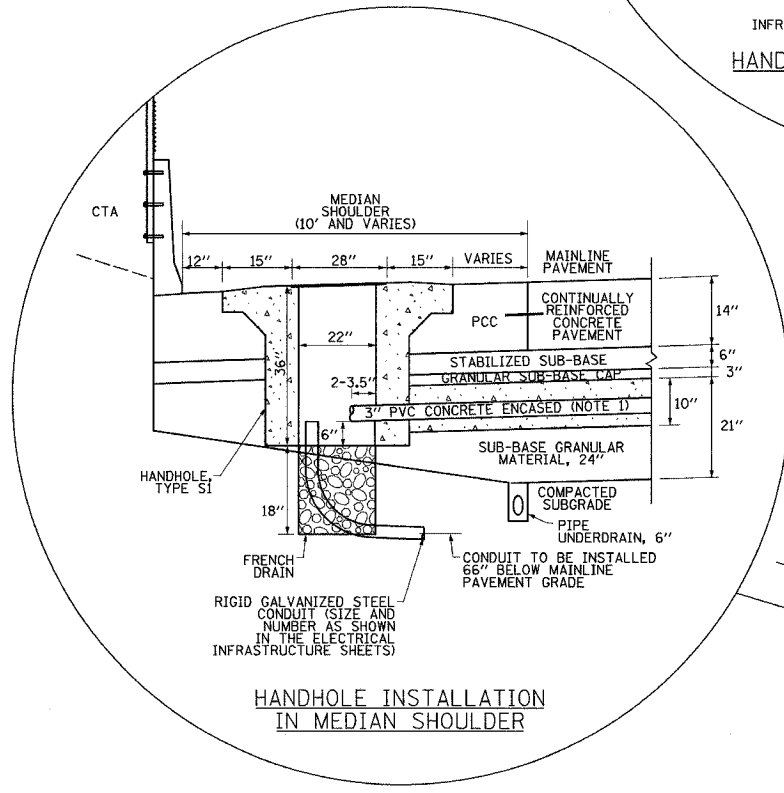
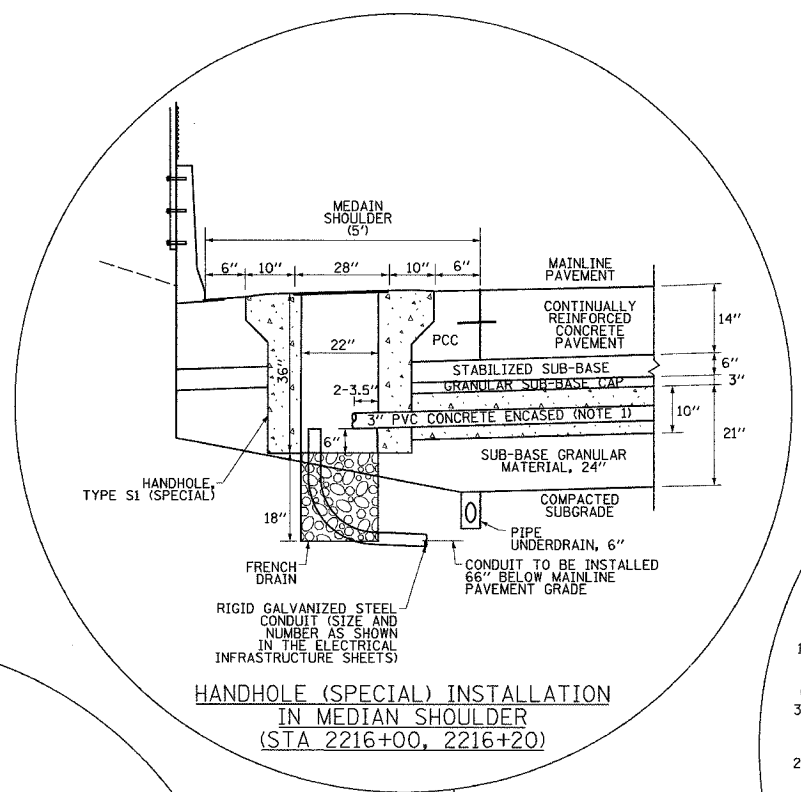
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PC CONCRETE - HEAVY  
 DUTY HANDHOLE DETAIL,  
 TYPE S1 AND TYPE S1 (SPECIAL)  
 SCALE: NTS DRAWN BY: CJH  
 DATE: MARCH 7, 2006 CHECKED BY: MJL

20C/EI-106

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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 178       |
| STA.                |          | TO STA.          |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

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TYPICAL MAINLINE DETECTOR INSTALLATION: SECTION A-A

- NOTES**
1. 3" PVC CONCRETE ENCASED CONDUIT IS REQUIRED ONLY WHERE SHOWN ON THE PLAN DRAWINGS. WHEN INSTALLED, THE CONDUIT MUST MAINTAIN THE SAME ANGLE AS THE PAVEMENT THROUGHOUT ITS ENTIRE LENGTH.
  2. FOR HANDHOLE DETAIL SEE SHEET EI-106.
  3. WHEN INSTALLING CONDUIT NEAR OR THROUGH UNDERDRAIN GEOTECHNICAL FABRIC, THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY AND UNIFORMITY OF THE UNDERDRAIN FABRIC THROUGH OVERLAP TO THE SATISFACTION OF THE ENGINEER.
  4. CONDUIT IS TO BE INSTALLED IN STAGES AS THE PAVEMENT IS BUILT. SEE SHEETS EI-110A AND EI-115.

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

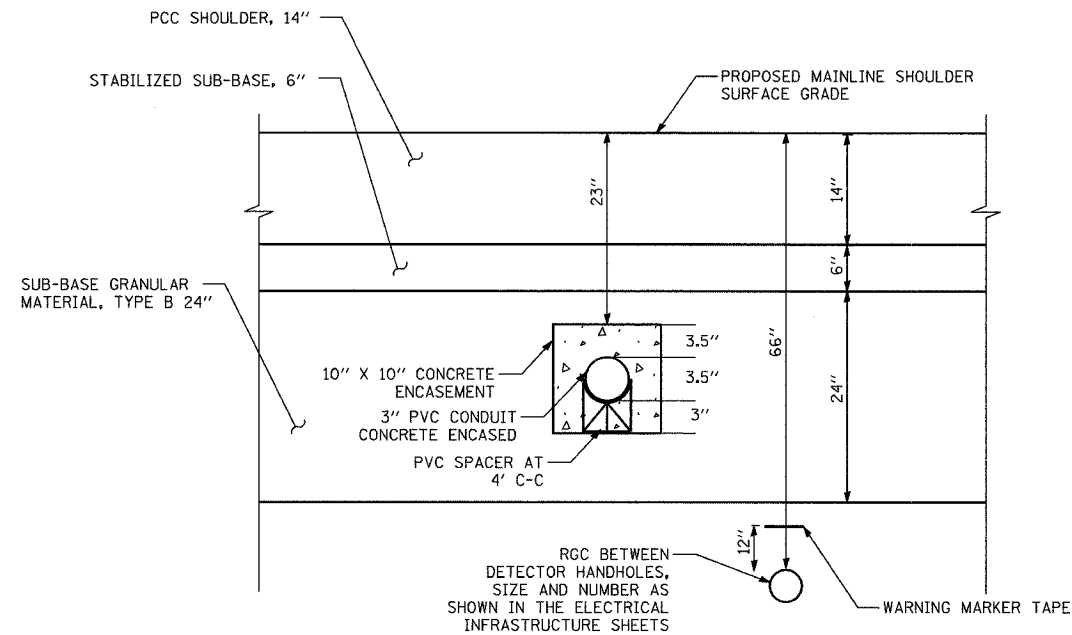
**TYPICAL MAINLINE DETECTOR INSTALLATION DETAIL (SHEET 1 OF 2)**

SCALE: NTS  
DATE: MARCH 7, 2006

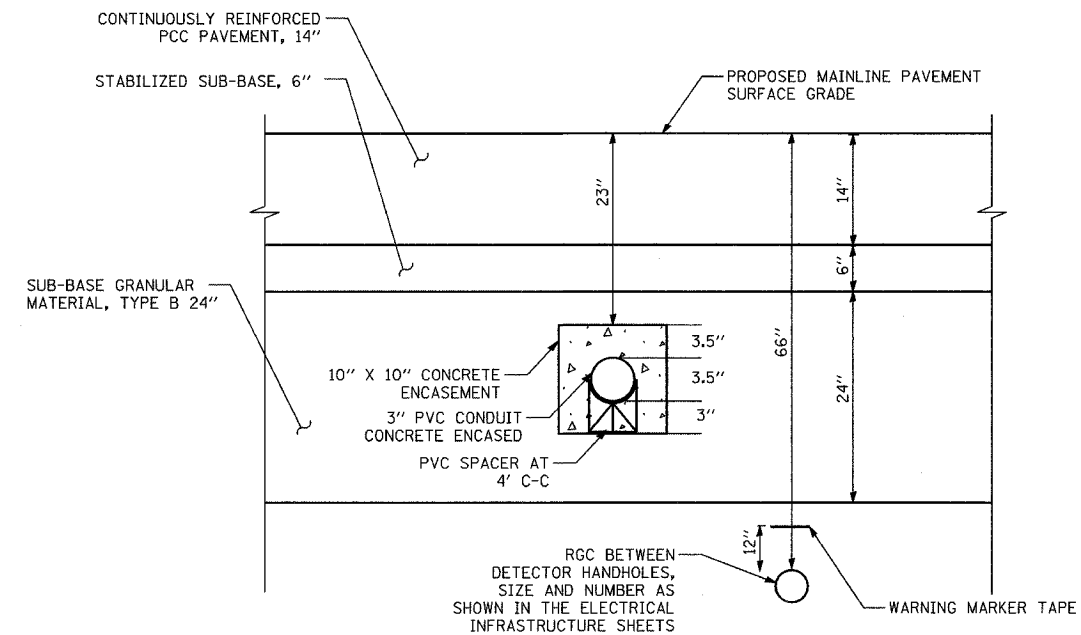
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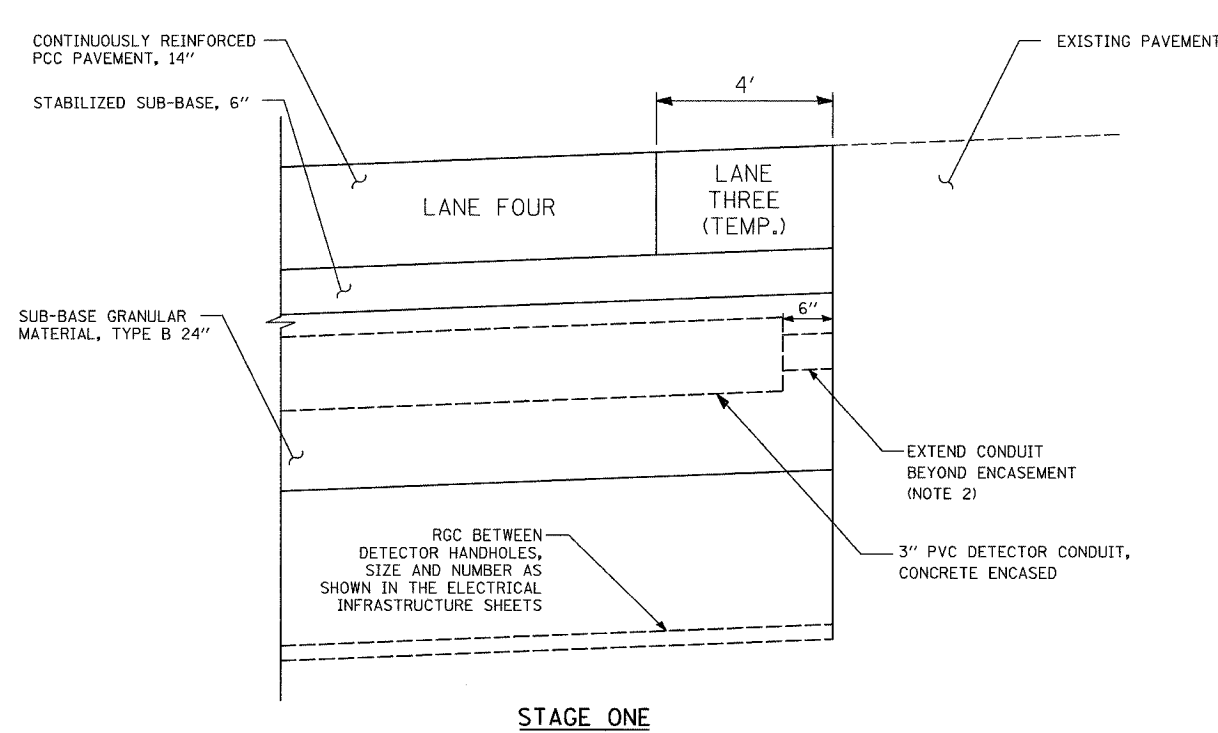
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| F.A.I. RTE.         | SECTION                   | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3                  | COOK    | 265          | 179       |
| STA.                |                           | TO STA. |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |         | 60B17        |           |



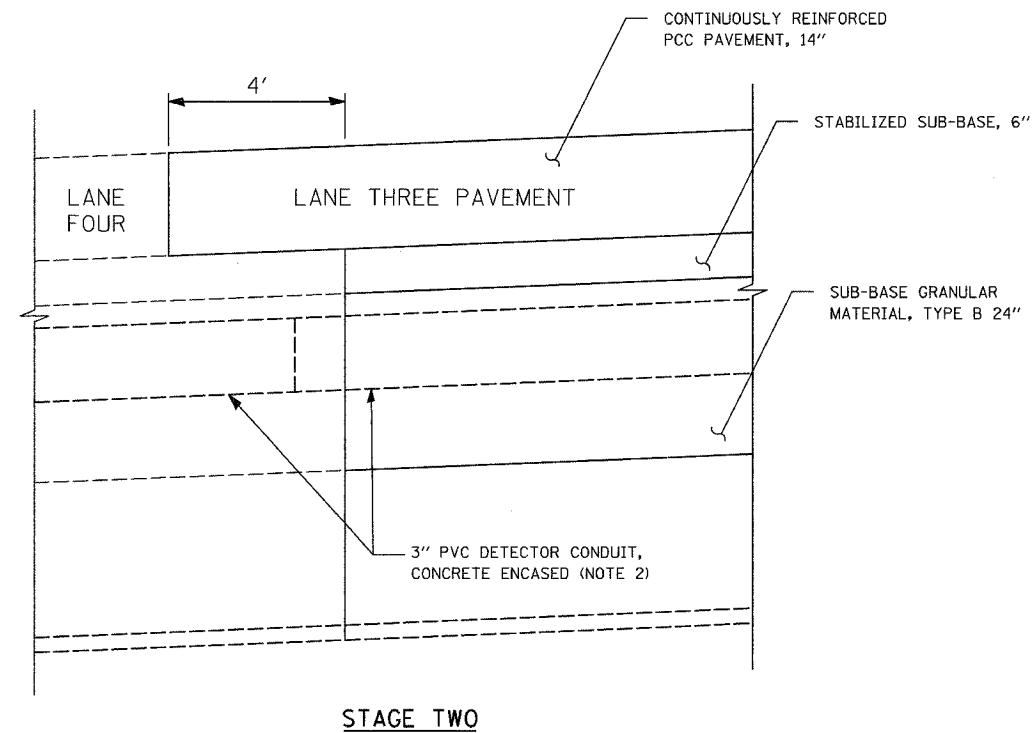
**TYPICAL DETECTOR CONDUIT INSTALLATION  
IN MAINLINE SHOULDER: SECTION B-B**



**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.

20C/EI-110A

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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 7, 2006 CHECKED BY: MJL

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

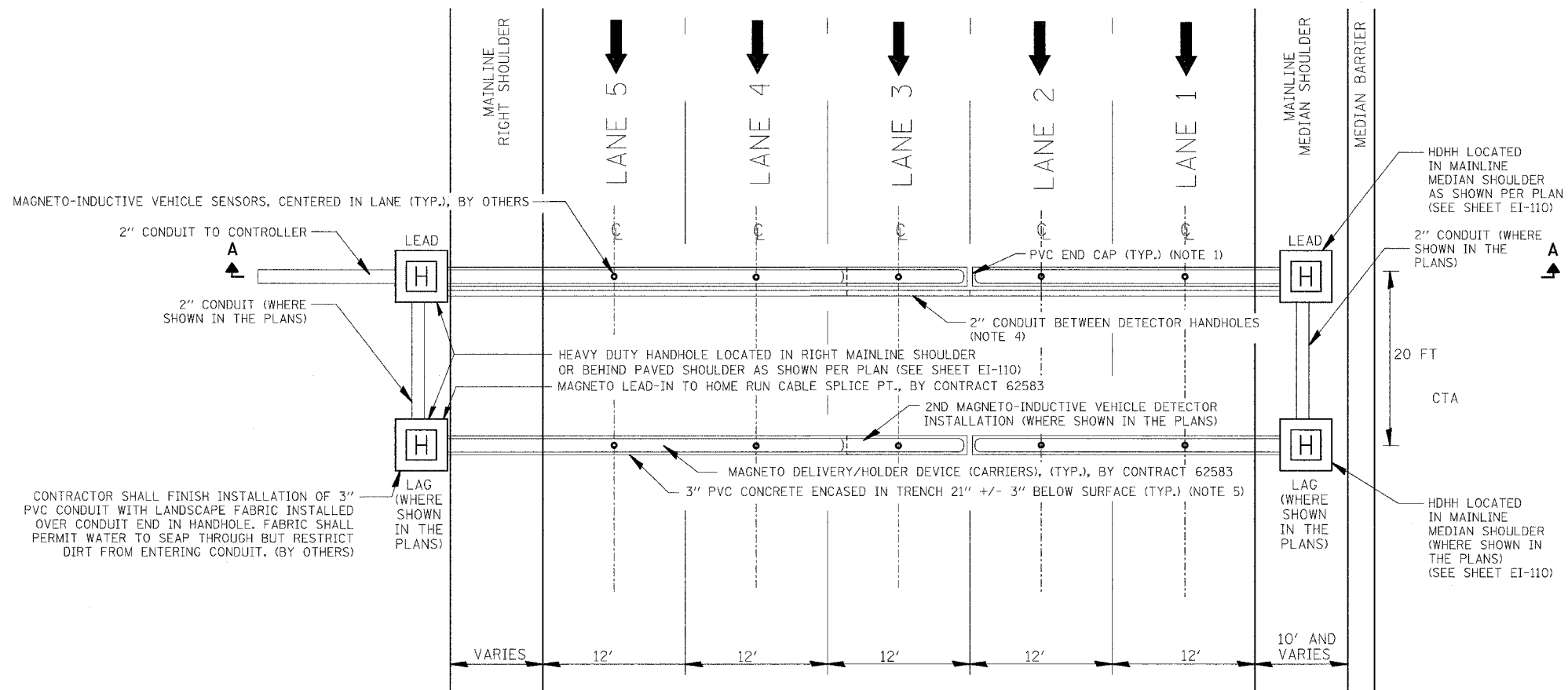
J:\N75\contract\20c\_details\20c\_ei110a.dwg 3/7/2006 4:42:21 PM

**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 2326+52: STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2  
 STA 2353+00: 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**

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

**TYPICAL MAINLINE DETECTOR STATION LAYOUT**

SCALE: NTS DRAWN BY: NB  
 DATE: MARCH 7, 2006 CHECKED BY: M.J.L.

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MAINLINE EXISTING SIGN SCHEDULE

| SIGN NO. | LOCATION           | SIGN INFORMATION |           |                 | REMAIN IN PLACE | REMOVE AND REINSTALL | REMOVE | RELOCATE SIGN PANEL | WOOD POST (FT)  | SIGN DESCRIPTION |
|----------|--------------------|------------------|-----------|-----------------|-----------------|----------------------|--------|---------------------|---|------------------|
|          |                    | STATION          | OFFSET    | MOUNTING        |                 |                      |        |                     |   |                  |
| 55       | NB I-94 (DAN RYAN) | 2318+98          | 61.7' R   | WOOD POST       |                 |                      | 1      |                     | W4-1R   |                  |
| 56       | NB I-94 (DAN RYAN) | 2325+50          | 78.5' R   | WOOD POST       |                 |                      | 1      |                     | EXIT 60B  |                  |
| 57       | NB I-94 (DAN RYAN) | 2325+50          | 85.0' RT  | STEEL BREAKAWAY | 1               |                      |        |                     | EXIT 59B TO 90 E. SKYWAY CHICAGO SKYWAY VIA STATE ST 3/4 MILE   |                  |
| 58       | NB I-94 (DAN RYAN) | 2331+50          | 115.4' RT | WOOD            | 1               |                      |        |                     | EXISTING "TRUCKS USE 2 RIGHT LANES"   |                  |
| 59       | NB I-94 (DAN RYAN) | 2332+18          | OVERHEAD  | BRIDGE-MOUNT    | 1               |                      |        |                     | I-90 I-94 EXPRESS NO TRUCKS NEXT EXIT PERSHING RD LEFT 3 LANES, I-90 I-94 LOCAL ALL EXITS RIGHT LANES                             |                  |
| 60       | NB I-94 (DAN RYAN) | 2336+50          | 105.1' RT | WOOD            | 1               |                      |        |                     | AIS 1/4 MILE  |                  |
| 61       | NB I-94 (DAN RYAN) | 2338+58          | 68.4' RT  | BRIDGE ABUTMT.  | 1               |                      |        |                     | 75TH ST   |                  |
| 62       | NB I-94 (DAN RYAN) | 2342+50          | 92.0' RT  | WOOD            | 1               |                      |        |                     | W13-3 (RAMP 30 MPH)   |                  |
| 63       | NB I-94 (DAN RYAN) | 2344+44          | OVERHEAD  | TRUSS           | 1               |                      |        |                     | EXIT 59B MARQUETTE RD 67TH ST 1/2 MILE, EXIT 59C 71ST ST & ARROW, 71ST ST AIS & ARROW   |                  |
| 64       | NB I-94 (DAN RYAN) | 2344+77          | 11.3' LT  | LIGHT POLE      |                 |                      | 1      |                     | *999 CELLULAR EXPRESS LINE  |                  |
| 65       | NB I-94 (DAN RYAN) | 2347+12          | 96.3' RT  | WOOD            | 1               |                      |        |                     | W4-3R   |                  |
| 66       | NB I-94 (DAN RYAN) | 2348+44          | 73.3' RT  | TELES. STEEL    | 1               |                      |        |                     | EXIT 59C (1 ARROW)  |                  |
| 67       | NB 71ST ST. RAMP   | 8409+00          | 27.1' RT  | WOOD            | 1               |                      |        |                     | R5-1  |                  |
| 68       | NB 71ST ST. RAMP   | 8410+40          | 35.2' RT  | WOOD            | 1               |                      |        |                     | 71ST ST AIS INFO  |                  |
| 69       | NB I-94 (DAN RYAN) | 2352+67          | 73.3' RT  | TELES. STEEL    | 1               |                      |        |                     | W4-1R   |                  |
| 70       | NB I-94 (DAN RYAN) | 2355+00          | 96.2' RT  | WOOD            | 1               |                      |        |                     | EXIT 59C & ARROW  |                  |
| 71       | NB 71ST ST. RAMP   | 8412+52          | 26.8' RT  | WOOD            | 1               |                      |        |                     | R1-1  |                  |
| 72       | NB I-94 (DAN RYAN) | 2359+76          | 96.7' RT  | STEEL BREAKAWAY | 1               |                      |        |                     | TO INT. 90 EAST TOLLWAY SKYWAY VIA STATE ST EXIT 59B  |                  |
| 73       | NB I-94 (DAN RYAN) | 2365+00          | OVERHEAD  | BRIDGE-MOUNT    | 1               |                      |        |                     | 90 94 EXPRESS NO TRUCKS NEXT EXIT PERSHING RD (3 ARROWS), 90 94 LOCAL ALL EXITS (2 ARROWS), EXIT 59B MARQUETTE RD 67TH ST & ARROW |                  |

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 AND RELOCATE SIGN PANEL.

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

MAINLINE EXISTING SIGN SCHEDULE  
1 OF 1

SCALE: NONE  
DATE: MARCH 7, 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        | NB I-94 (DAN RYAN EXPY) | 2330+95          | 14.0' LT |          |                                       | 1                                    | -                |
| 2        | NB I-94 (DAN RYAN EXPY) | 2363+81          | 12.8' LT |          |                                       | 1                                    | -                |
|          |                         |                  |          | TOTAL    |                                       | 2                                    |                  |

**NOTES**

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

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**REMOVAL SIGNING SCHEDULE**  
 1 OF 1  
 SCALE: NONE                      DRAWN BY: AMB  
 DATE: MARCH 7, 2006            CHECKED BY: TGB



PROPOSED POST SIGN SCHEDULE

| LOCATION           | STATION | SIGN   |          |           |            | SUPPORT      |               |                  | SIGN REMARKS     |                            |
|--------------------|---------|--|----------|-----------|------------|--------------|---------------|------------------|------------------|----------------------------|
|                    |         | TYPE   | WIDTH FT | HEIGHT FT | AREA SQ FT | TYPE         | POST QUANTITY | POST LENGTH (FT) |                  |                            |
| NB I-94 (DAN RYAN) | 2318+36 | 2  | 4        | 4         | 16         | WOOD         | 1             | 17.66            | W4-3R            |                            |
| NB I-94 (DAN RYAN) | 2320+40 | 3  | 7.5      | 5         | 37.5       | WOOD         | 2             | 34               | EXIT 60B & ARROW |                            |
| NB I-94 (DAN RYAN) | 2327+49 | 3  | 7.5      | 5         | 37.5       | WOOD         | 2             | 34               | EXIT 60B & ARROW |                            |
| NB I-94 (DAN RYAN) | 2328+56 | 1  | 1        | 4         | 4          | TELES. STEEL | 1             | 13.83            | D10-2A (60.5)    |                            |
| NB I-94 (DAN RYAN) | 2329+66 | 2  | 4        | 4         | 16         | WOOD         | 1             | 17.66            | W4-1R            |                            |
| NB I-94 (DAN RYAN) | 2344+44 | SIGN PANEL RELOCATED TO EXISTING TRUSS SUPPORT |          |           |            |              |               |                  |                  | *999 CELLULAR EXPRESS LINE |

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

PROPOSED SIGNING SCHEDULE  
SHEET 1 OF 1

SCALE: NONE  
DATE: MARCH 7, 2006  
DRAWN BY: AMB  
CHECKED BY: TGB

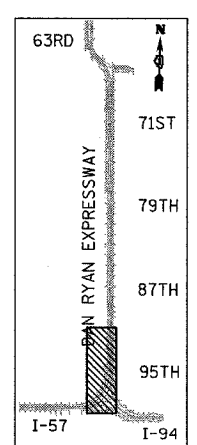
| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK             | 265          | 184       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

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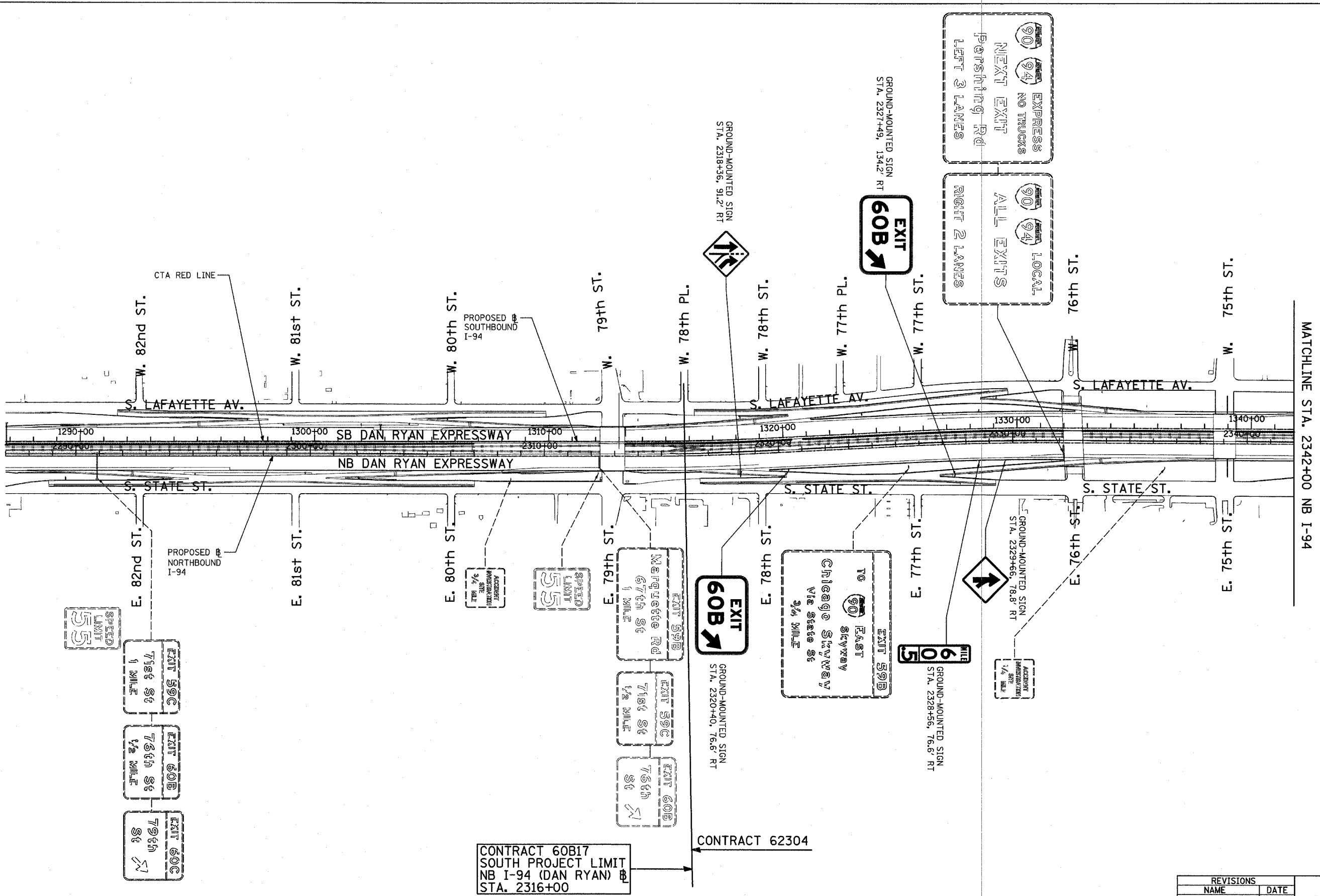


**SIGNING LEGEND:**

- - - - - 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

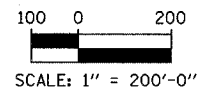


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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

PROPOSED SIGNING  
STA. 2287+00 TO STA 2342+00  
SHEET 1 OF 2

SCALE: 1" = 200'  
DATE: MARCH 7, 2006  
DRAWN BY: AMB  
CHECKED BY: TGB



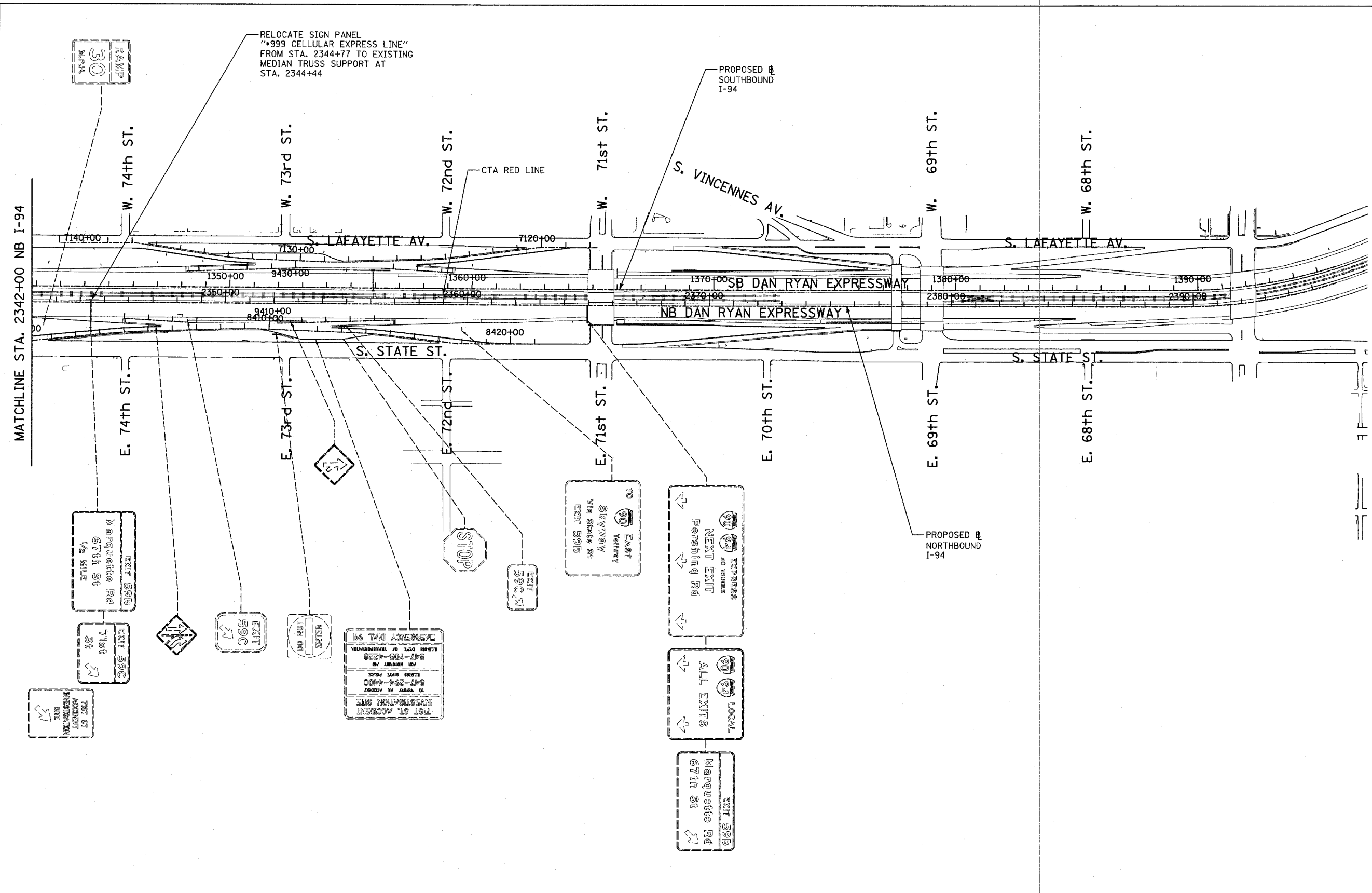
CONTRACT 60B17  
SOUTH PROJECT LIMIT  
NB I-94 (DAN RYAN) @  
STA. 2316+00

CONTRACT 62304

TYLIN INTERNATIONAL

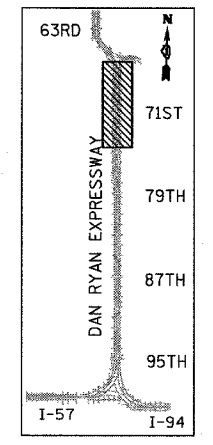
| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 94                  | 1818 R-3 | COOK             | 265          | 185       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

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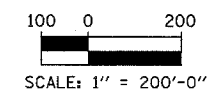
**SIGNING LEGEND:**

- 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**

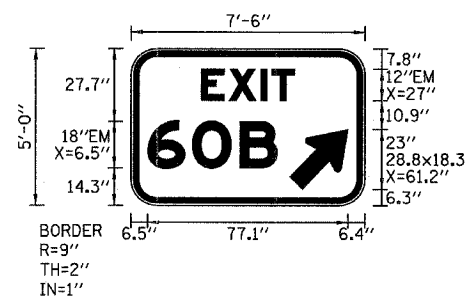


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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**PROPOSED SIGNING**  
 STA. 2342+00 TO STA 2396+00  
 SHEET 2 OF 2  
 SCALE: 1" = 200'      DRAWN BY: AMB  
 DATE: MARCH 7, 2006      CHECKED BY: TGB

|                     |          |                  |              |           |
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| F.A.I. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK             | 265          | 186       |
| STA. 2316+00        |          | TO STA. 2367+00  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

60B1



STA. 2320+40  
 STA. 2327+49

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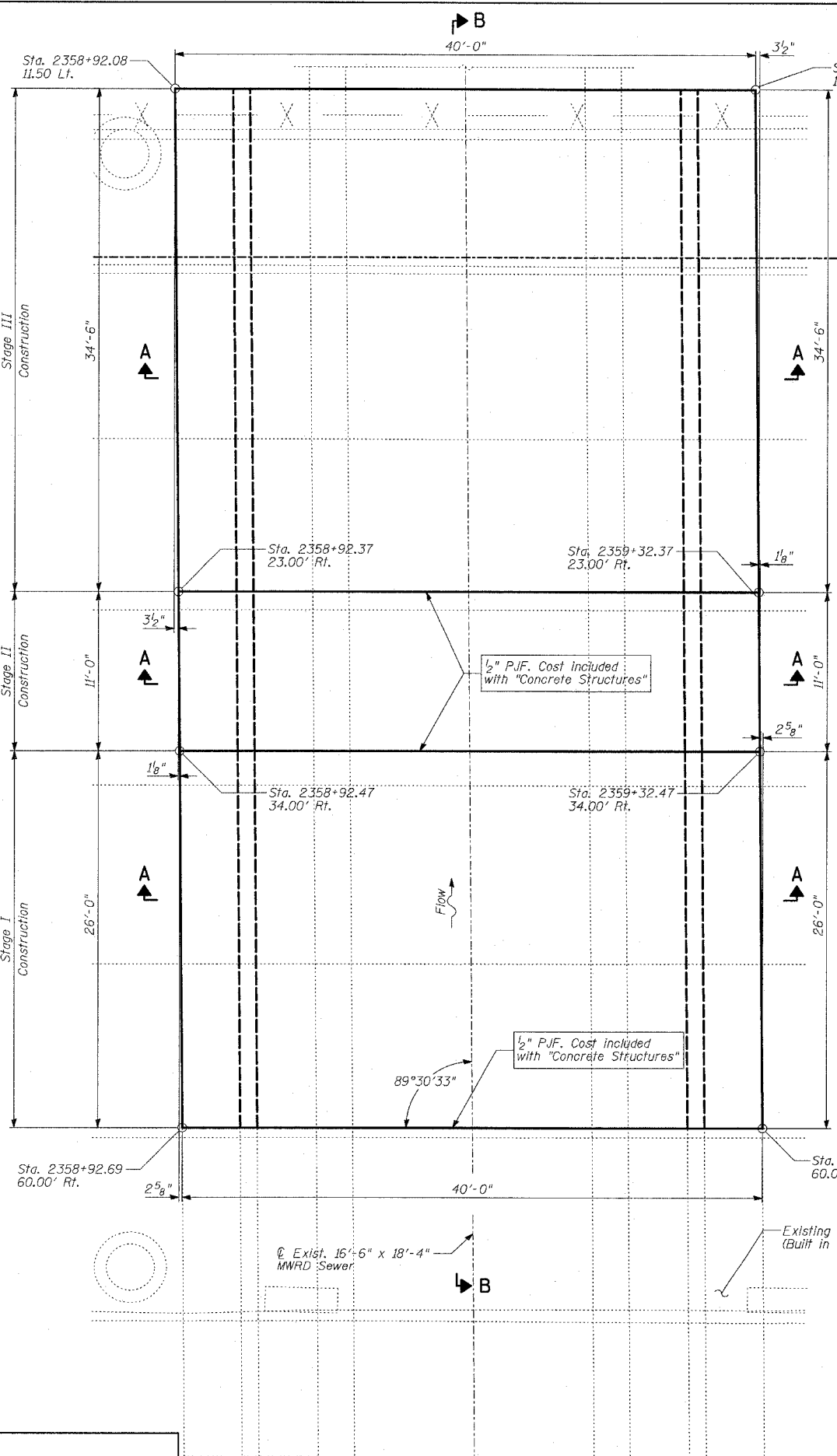
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

GROUND-MOUNTED SIGN DETAILS  
 SHEET 1 OF 1

SCALE: NOT TO SCALE  
 DATE: MARCH 7, 2006  
 DRAWN BY: AMB  
 CHECKED BY: TGB

|                     |          |                           |              |           |
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| F.A.I. RTE.         | SECTION  | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 94                  | 1818 R-3 | COOK                      | 265          | 187       |
| STA. 2316+00        |          | TO STA. 2367+00           |              |           |
| FED. ROAD DIST. NO. |          | ILLINOIS FED. AID PROJECT |              |           |



**DESIGN SPECIFICATION**

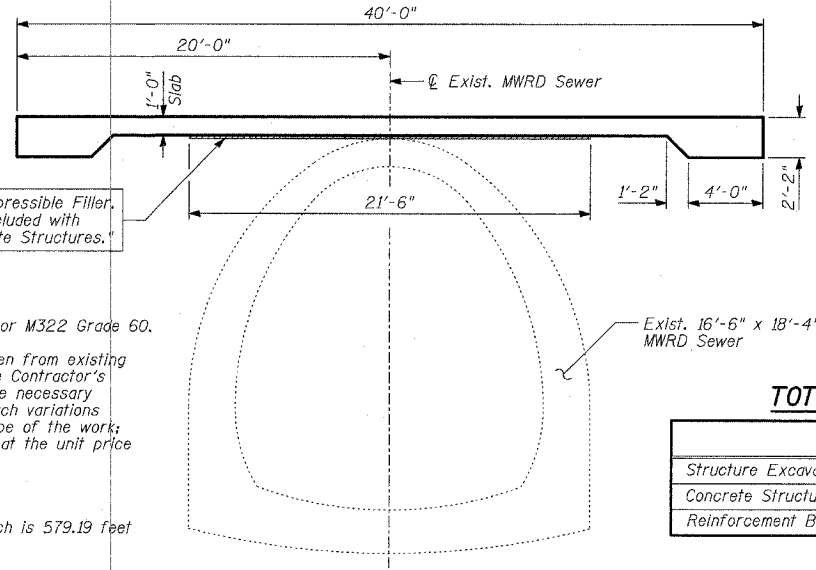
AASHTO 2002 Standard Specifications for Highway Bridges

**DESIGN STRESSES**

**FIELD UNITS**  
 $f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

**NOTES:**

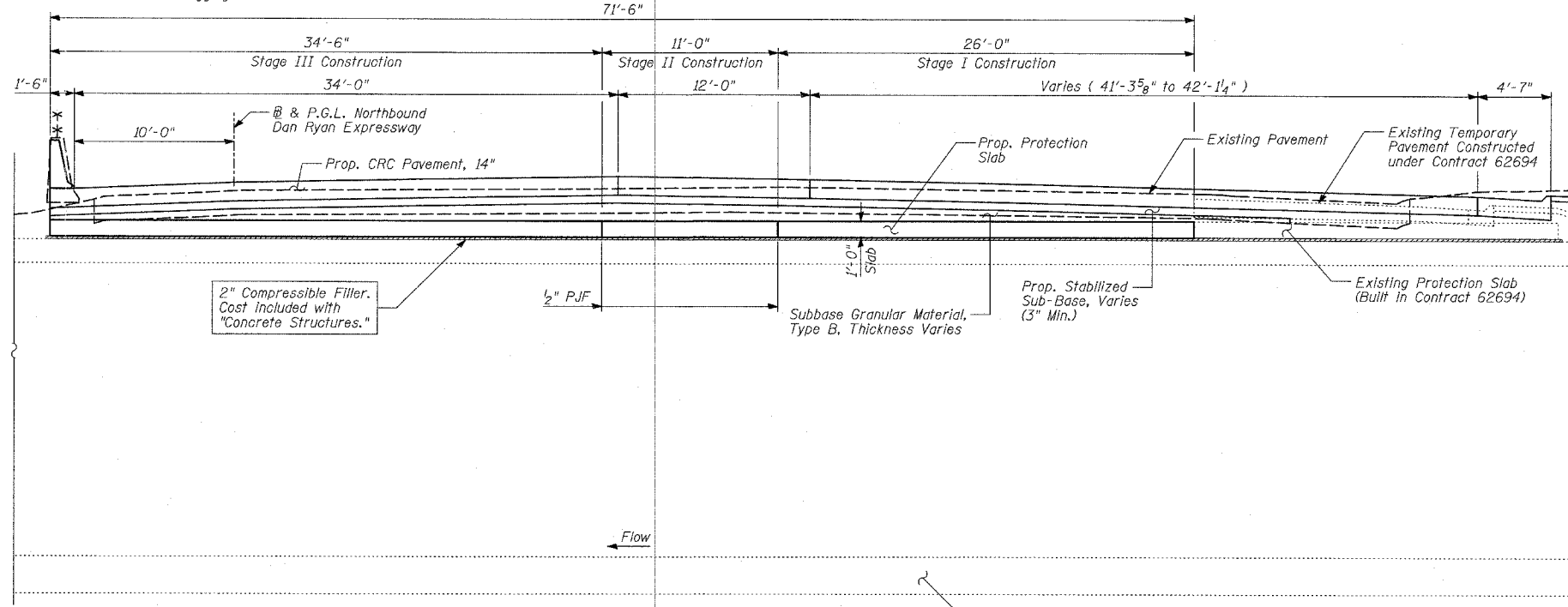
1. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.
2. Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. All exposed concrete edges shall be chamfered  $\frac{3}{4}$ " except as noted.
4. All elevations shown are based on the Chicago City Datum of 0.00, which is 579.19 feet above mean tide New York. (NAVD 88)
5. It is the Contractor's responsibility to locate existing utilities, especially the existing MWRD Sewer. Any repairs due to damage of any utilities shall be the Contractor's responsibility.
6. The Contractor should use extreme caution to maintain the safety and integrity of the MWRD sewer during the construction process.
7. Vacuum or hand digging should be used within 2'-0" of sewer.



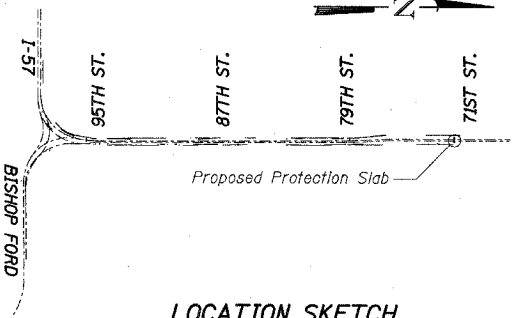
**SECTION A-A**

**TOTAL BILL OF MATERIAL**

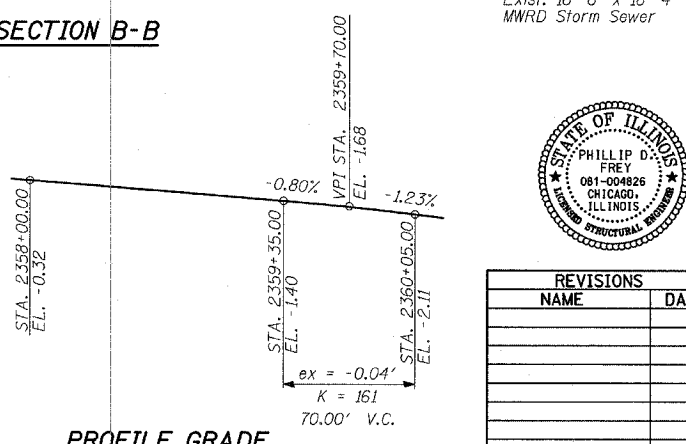
| ITEM                             | UNIT  | TOTAL  |
|----------------------------------|-------|--------|
| Structure Excavation             | CU YD | 234    |
| Concrete Structures              | CU YD | 135    |
| Reinforcement Bars, Epoxy Coated | POUND | 29,970 |



**SECTION B-B**



**LOCATION SKETCH**



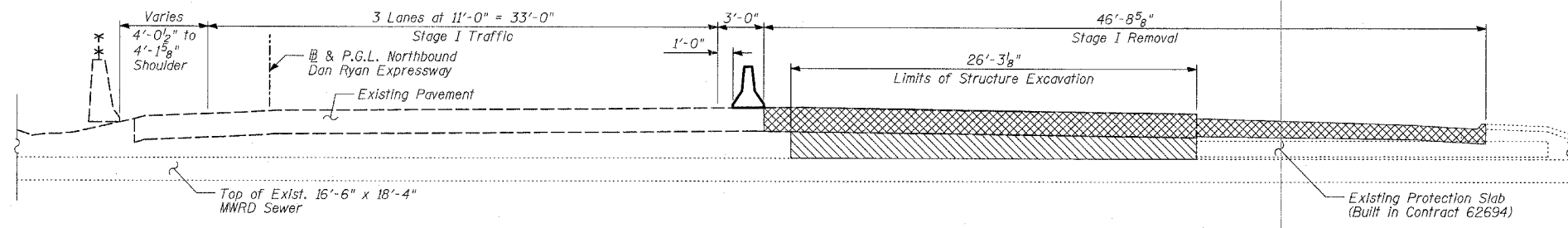
**PROFILE GRADE**  
(NB I-94)



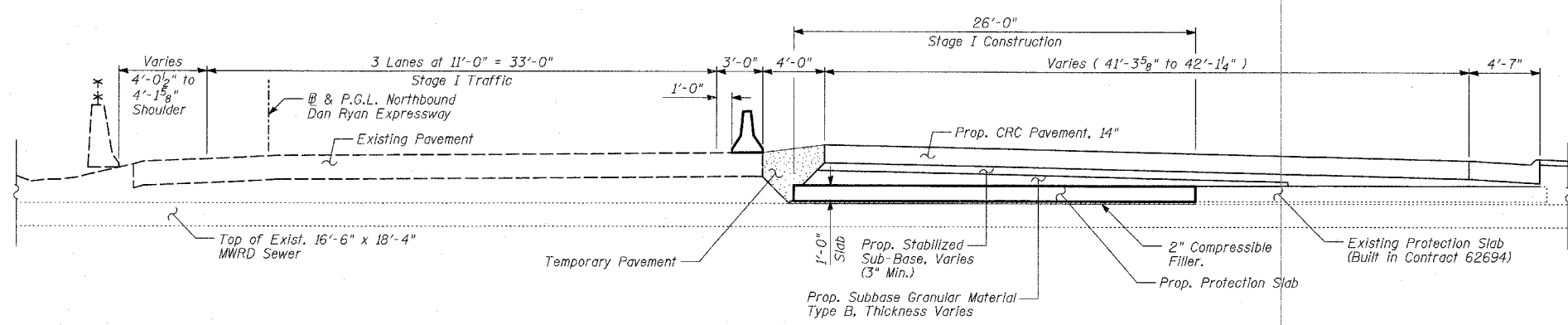
Signed Phillip D. Frey  
 Phillip D. Frey, S.E. II, Lic. No. 081-004826  
 Expires 11-30-2006  
 Date 3/7/06  
 For drawings 1 thru 4 of 4

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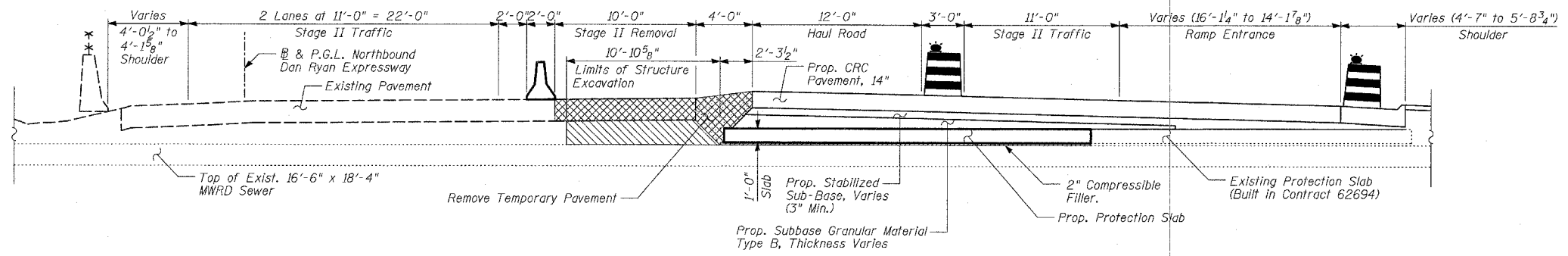
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**PROTECTION SLAB FOR EXISTING 16'-6" X 18'-4" MWRD SEWER STA. 2359+12.18**  
 S.N. DESIGNED BY: MI, MAF  
 SCALE: DRAWN BY: MAF  
 DATE: MARCH 7, 2006 CHECKED BY: TD, MI



**STAGE I REMOVAL**


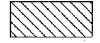
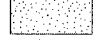


**STAGE I CONSTRUCTION**



**STAGE II REMOVAL**

**LEGEND**

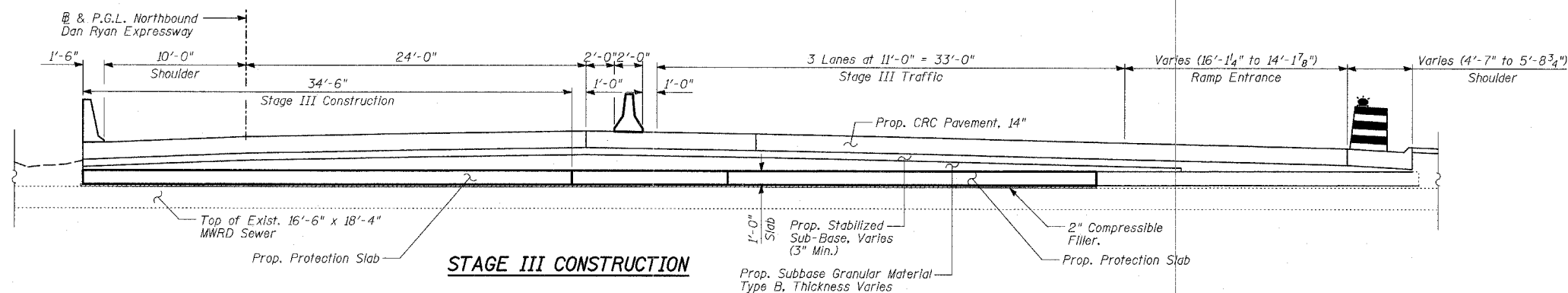
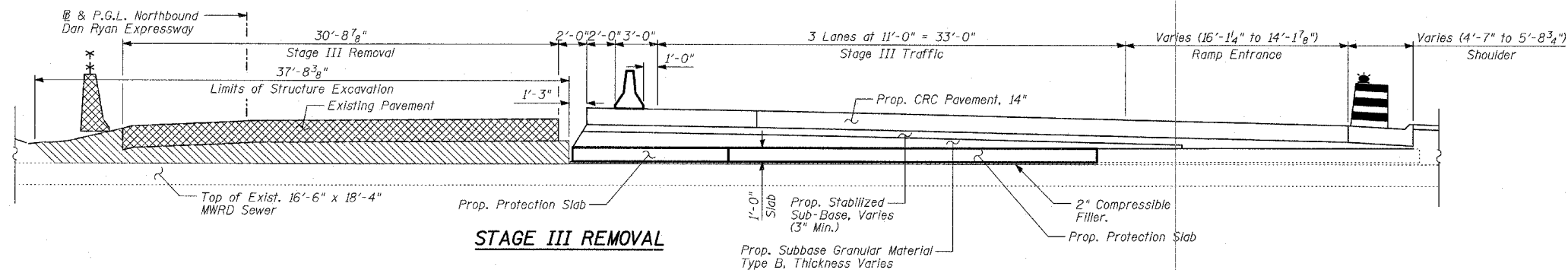
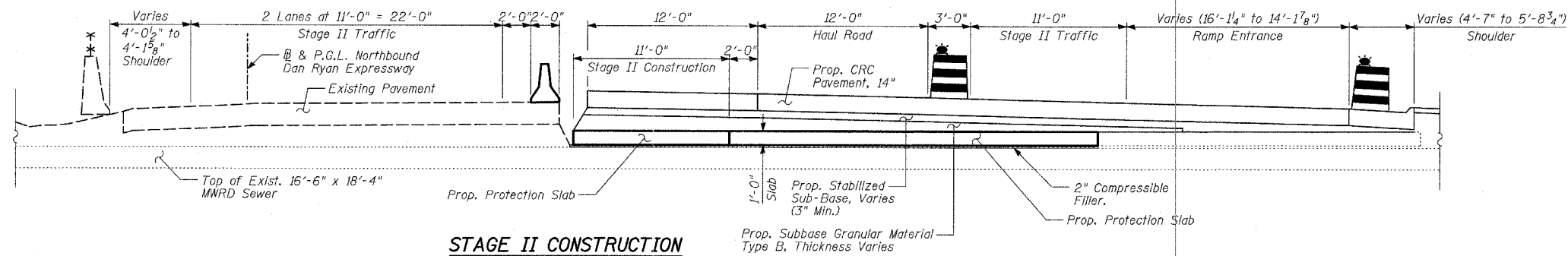
-  Pavement Removal
-  Structure Excavation
-  Temporary Pavement

| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROTECTION SLAB STAGE CONSTRUCTION  
 FOR EXISTING 16'-6" X 18'-4"  
 MWRD SEWER ( 1 OF 2 )

S.N. DESIGNED BY: MI, MAF  
 SCALE: DRAWN BY: MAF  
 DATE: MARCH 7, 2006 CHECKED BY: MI





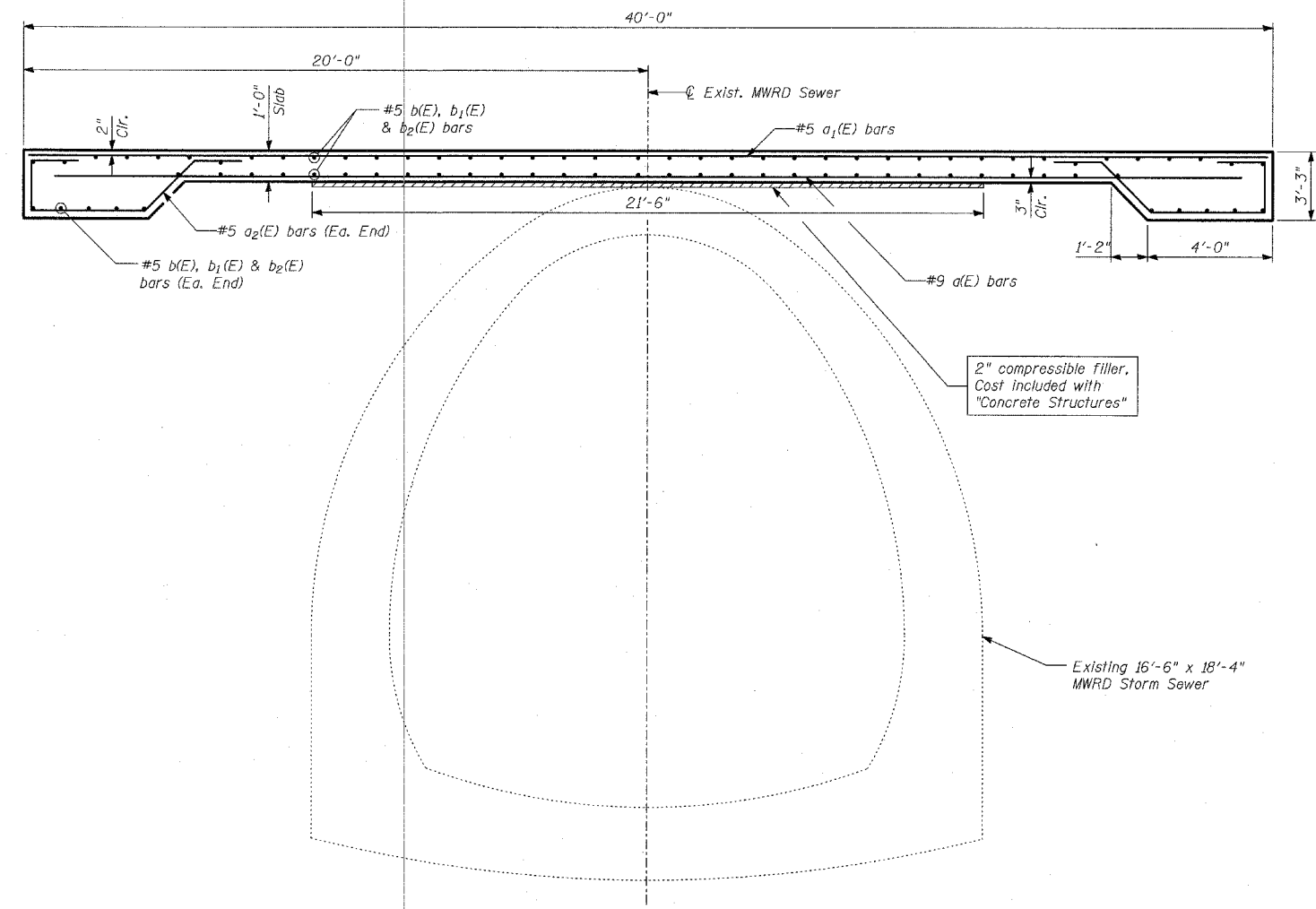
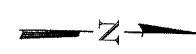
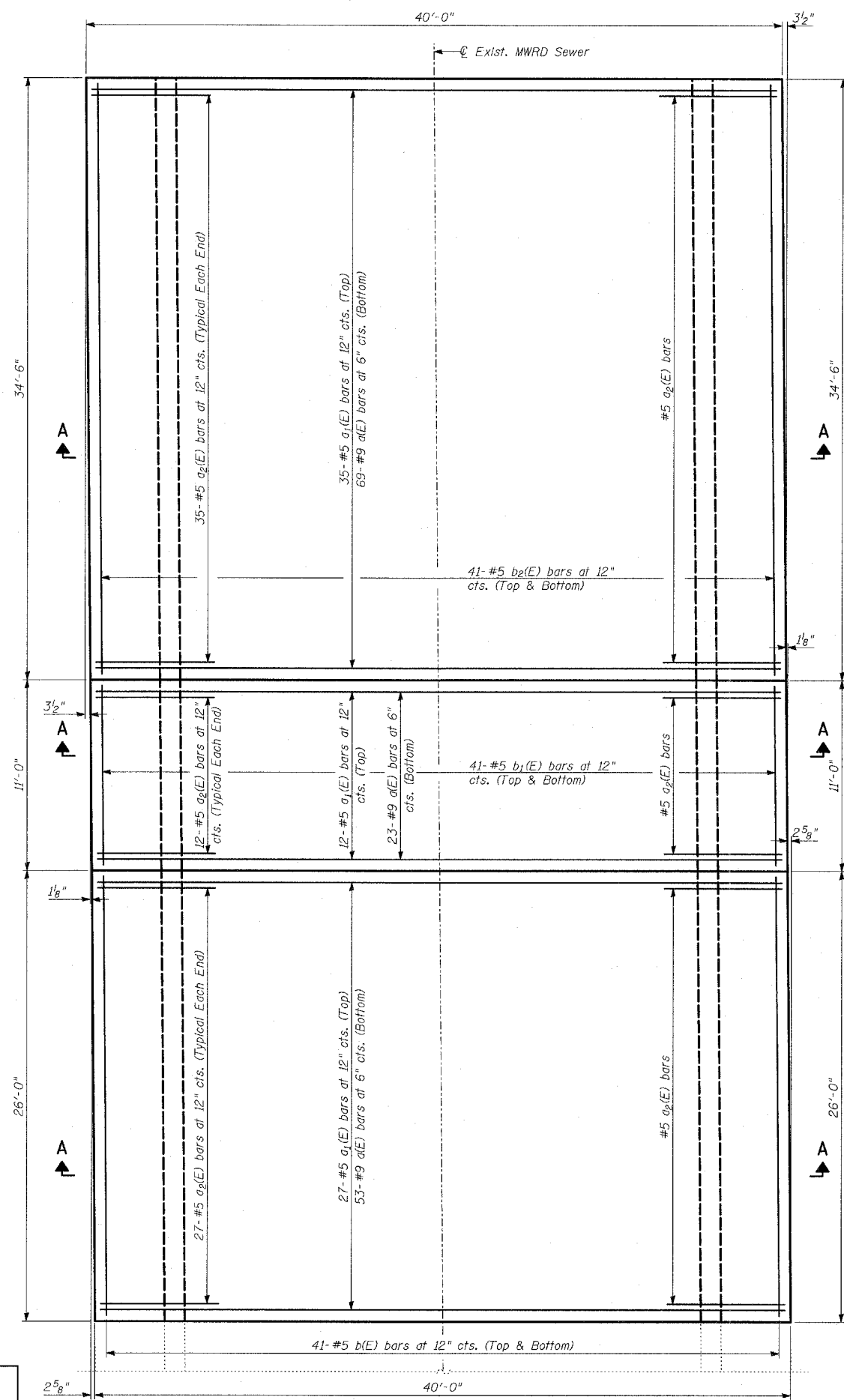
**LEGEND**

- Pavement Removal
- Structure Excavation

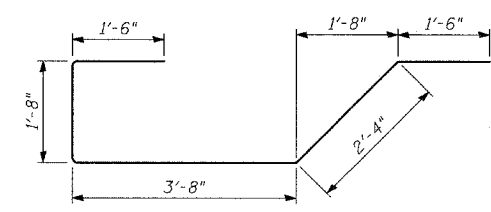
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROTECTION SLAB STAGE CONSTRUCTION  
 FOR EXISTING 16'-6" X 18'-4"  
 MWRD SEWER ( 2 OF 2 )

S.N. DESIGNED BY: MI, MAF  
 SCALE: DRAWN BY: MAF  
 DATE: MARCH 7, 2006 CHECKED BY: MI



SECTION A-A



BAR a2(E)

BILL OF MATERIAL

| Bar                              | No. | Size | Length | Shape  |
|----------------------------------|-----|------|--------|--------|
| a(E)                             | 145 | #9   | 39'-0" | —      |
| a1(E)                            | 74  | #5   | 39'-8" | —      |
| a2(E)                            | 148 | #5   | 10'-8" | ⌋      |
| b(E)                             | 82  | #5   | 25'-8" | —      |
| b1(E)                            | 82  | #5   | 10'-8" | —      |
| b2(E)                            | 82  | #5   | 34'-2" | —      |
| Reinforcement Bars, Epoxy Coated |     |      | POUND  | 29,970 |
| Concrete Structures              |     |      | CU YD  | 135    |

Reinforcement bars designated (E) shall be epoxy coated.

TYLIN INTERNATIONAL

PLAN

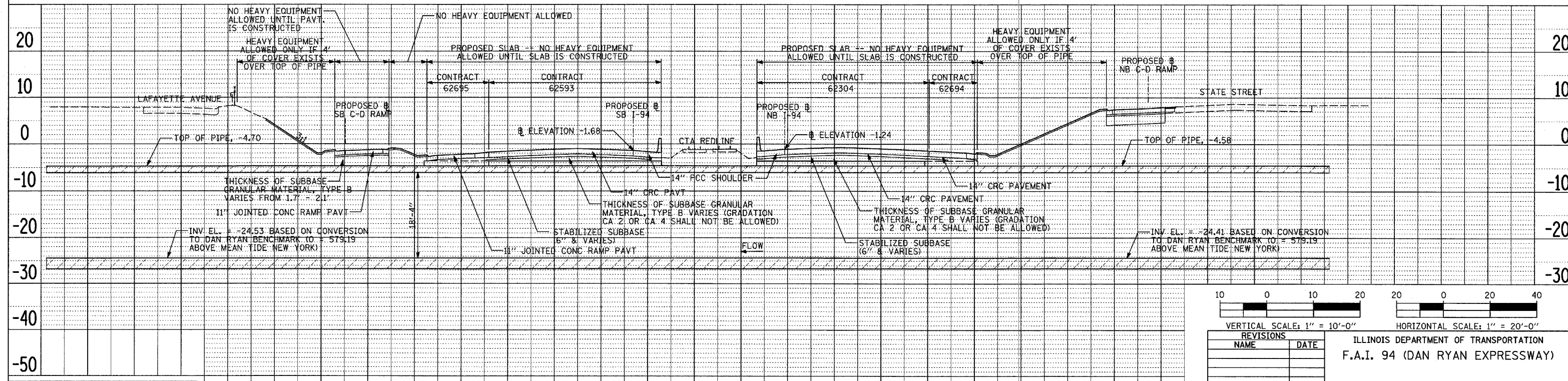
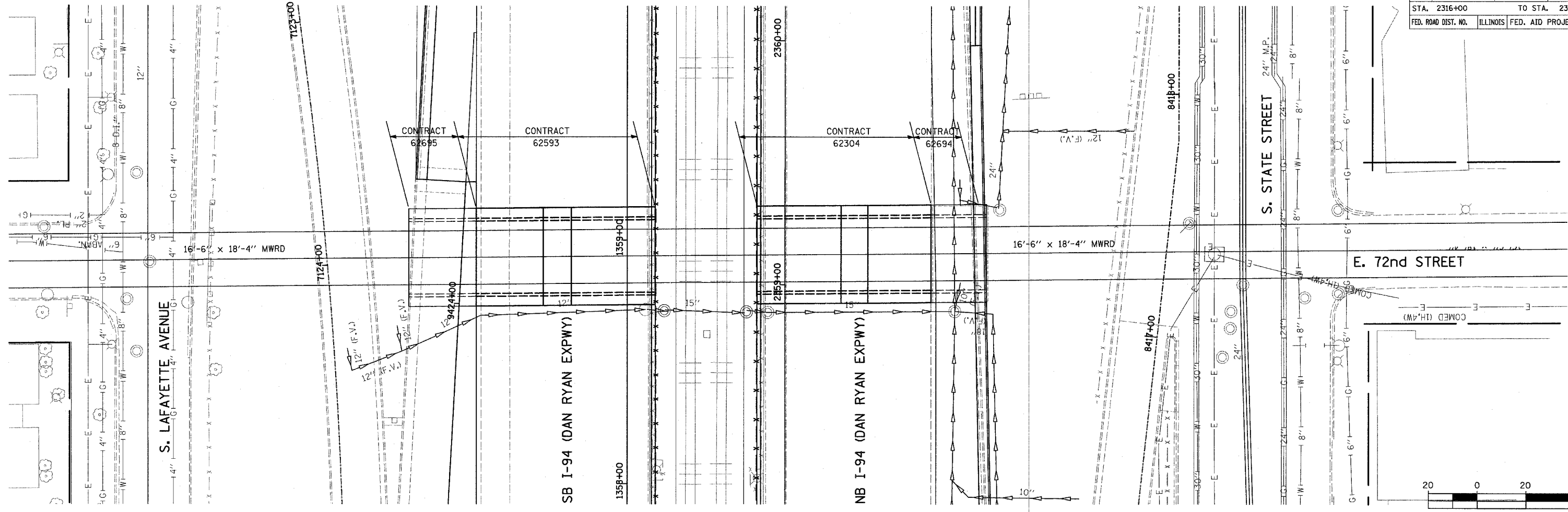
| REVISIONS |      |
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| NAME      | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROTECTION SLAB DETAILS**  
**FOR EXISTING 16'-6" X 18'-4" MWRD SEWER**

S.N. DESIGNED BY: MI, MAF  
 SCALE: DRAWN BY: MAF  
 DATE: MARCH 7, 2006 CHECKED BY: MI

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 RT. OF WAY \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PAID FILE NAME \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 B.M. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CROD \_\_\_\_\_  
 NO. \_\_\_\_\_

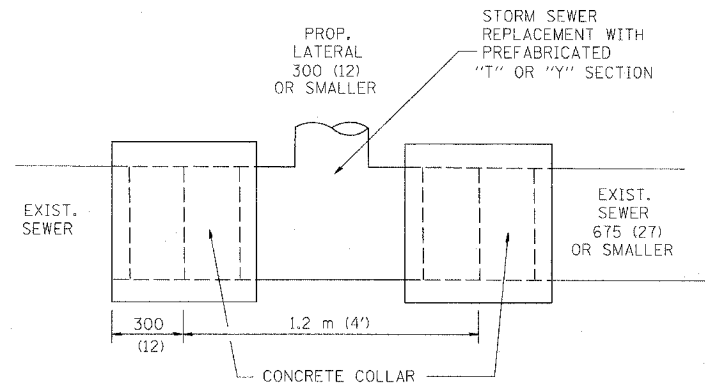


VERTICAL SCALE: 1" = 10'-0"  
 HORIZONTAL SCALE: 1" = 20'-0"

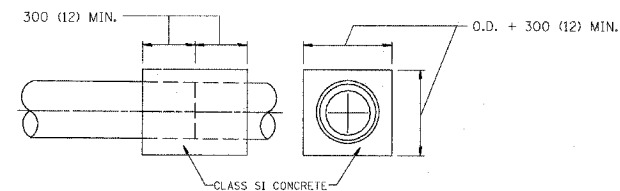
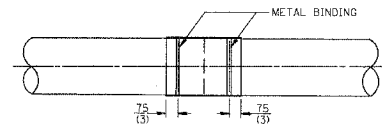
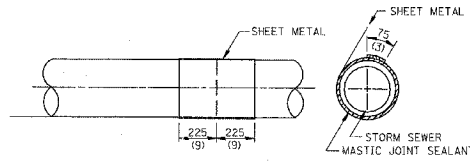
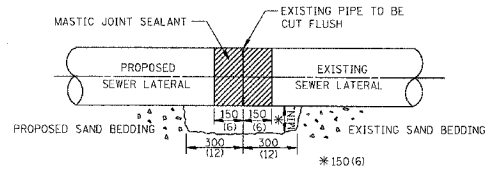
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| NAME      | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DETAIL AT MWRD  
 SEWER PROTECTION SLAB  
 AT 72ND STREET  
 SCALE: \_\_\_\_\_  
 DATE: MARCH 7, 2006  
 DRAWN BY: MPG  
 CHECKED BY: TGB

|                     |          |                  |              |           |
|---------------------|----------|------------------|--------------|-----------|
| F. A. DIST.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|                     |          |                  | 265          | 192       |
| STA.                |          | TO STA.          |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |



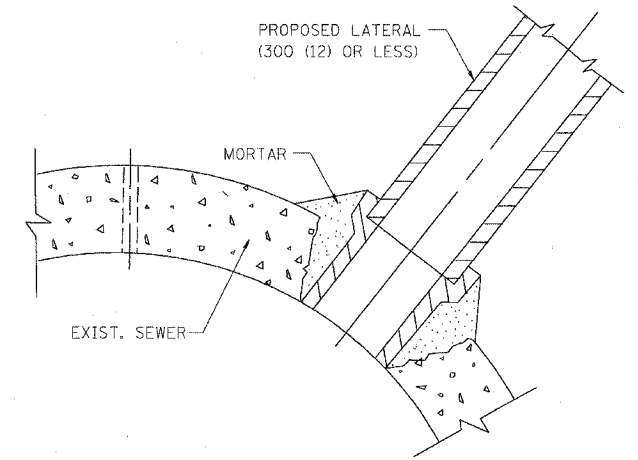
DETAIL "A"  
LATERAL CONNECTION TO EXISTING SEWER  
OF 675 (27) OR SMALLER



DETAIL "B"  
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 150 (6) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 300 x 150 (12 x 6) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 450 (18) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 75 (3) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 225 (9) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 75 (3) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"  
PROPOSED LATERAL  
CONNECTION TO EXISTING SEWER  
OF 750 (30) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER  
CONNECTION TO EXISTING SEWER

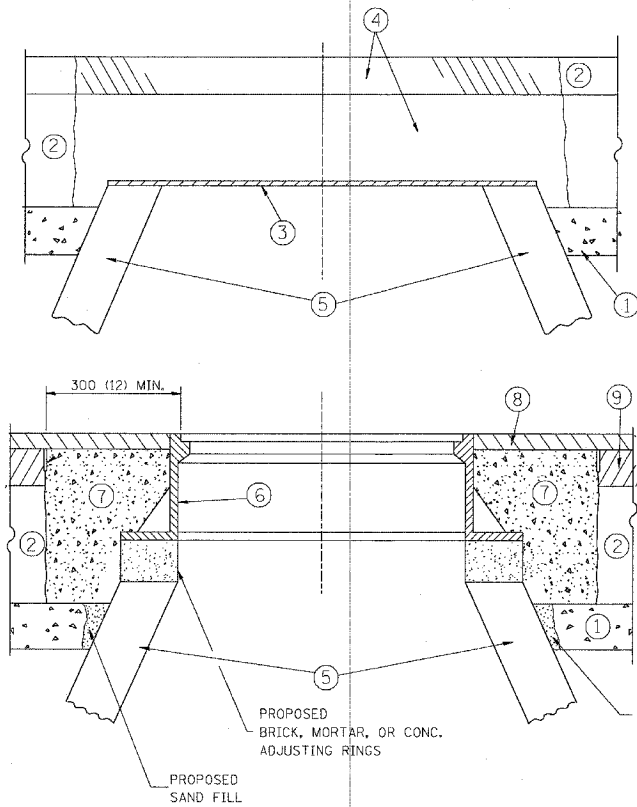
| REVISIONS  |          |
|------------|----------|
| NAME       | DATE     |
| M. DE YONG | 07/25/90 |
| M. DE YONG | 02/05/92 |
| M. DE YONG | 05/08/92 |
| R. SHAH    | 09/09/94 |
| R. SHAH    | 10/25/94 |
| R. SHAH    | 06/12/96 |

SCALE: NONE  
DATE 10/18/2002

DRAWN BY CADD  
CHECKED BY

BD500-01 (BD-7)  
REVISION DATE: 06/12/96

|                     |          |                  |              |           |
|---------------------|----------|------------------|--------------|-----------|
| F. A. DIST.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|                     |          |                  | 265          | 193       |
| STA.                |          | TO STA.          |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 300 (12) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 900 (36) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 40 (1 1/2) THICK BITUMINOUS MATERIAL APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE BITUMINOUS MATERIAL AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR BITUMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 900 (36) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND BITUMINOUS MATERIAL
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, BITUMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL
- ⑧ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE
- ⑨ PROPOSED BITUMINOUS CONCRETE BINDER COURSE

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:** FRAMES AND LIDS TO BE ADJUSTED, SPECIAL EACH

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

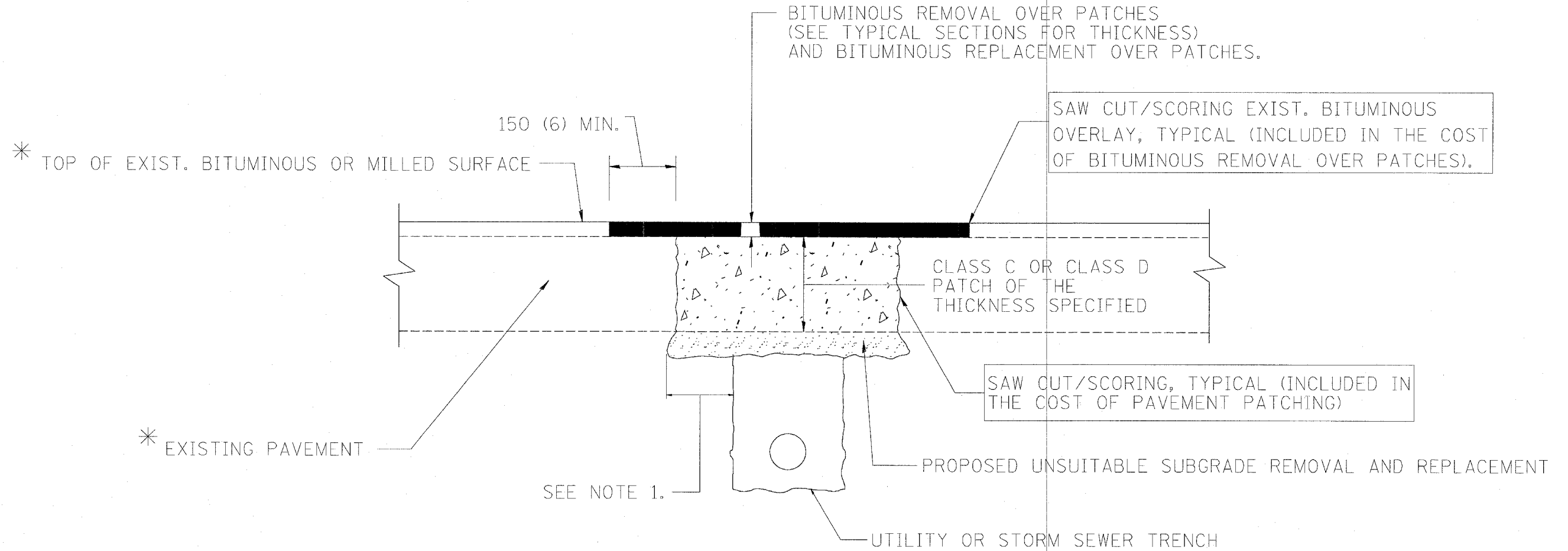
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

| REVISIONS   |          |
|-------------|----------|
| NAME        | DATE     |
| R. SHAH     | 10/25/94 |
| R. SHAH     | 01/30/95 |
| R. SHAH     | 03/10/95 |
| A. ABBAS    | 03/21/97 |
| R. WIEDEMAN | 05/14/04 |

SCALE: NONE  
DATE: 05/17/2004

DRAWN BY  
CHECKED BY  
BD600-03 (BD-8)  
REVISION DATE: 05/17/04



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE SPECIAL PROVISION "PATCHING WITH BITUMINOUS OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT**

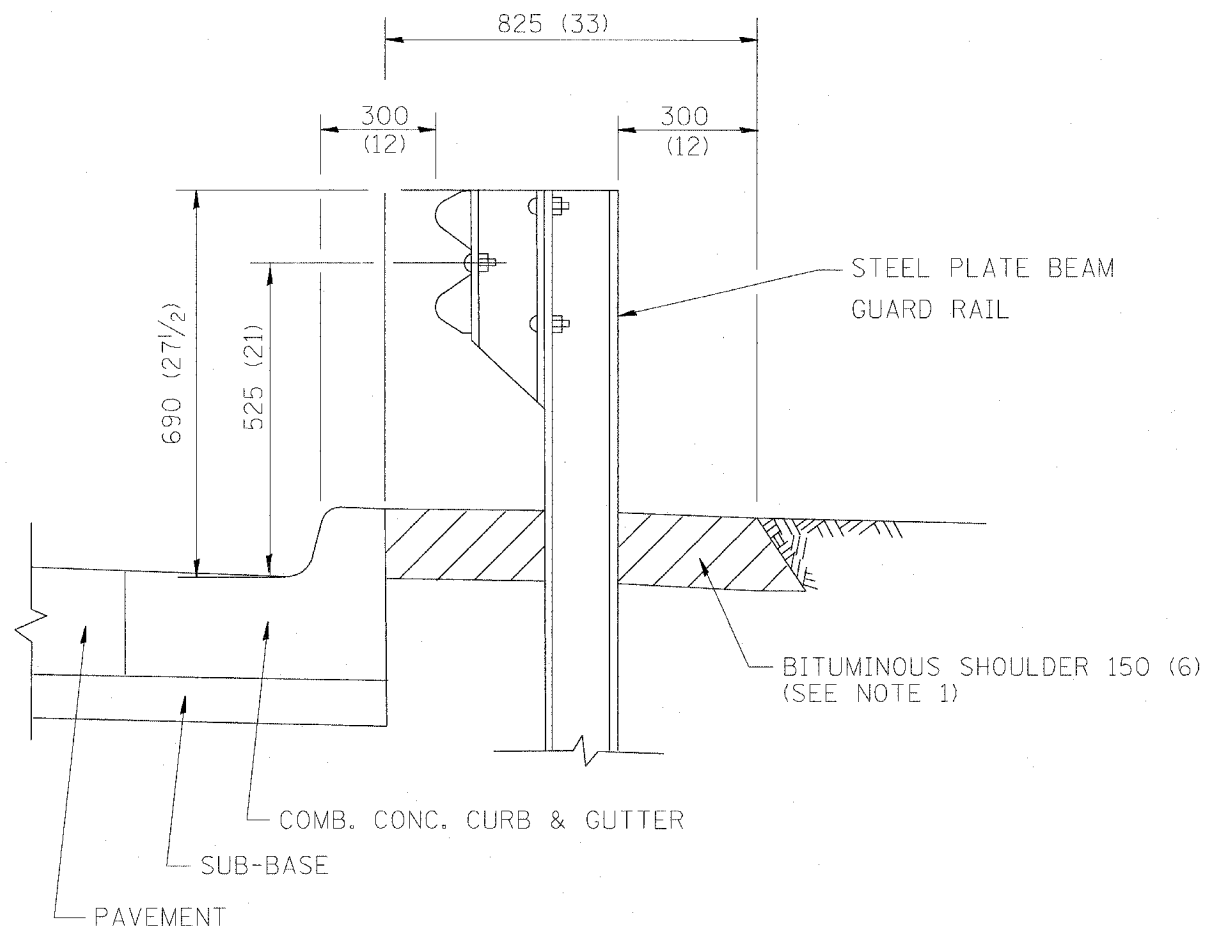
| REVISIONS |          | REVISIONS |          |
|-----------|----------|-----------|----------|
| NAME      | DATE     | NAME      | DATE     |
| R. SHAH   | 10/25/94 | ART ABBAS | 04/27/98 |
| R. SHAH   | 01/14/95 |           |          |
| R. SHAH   | 03/23/95 |           |          |
| R. SHAH   | 04/24/95 |           |          |
| A. HOUSEH | 03/15/96 |           |          |
| A. ABBAS  | 03/21/97 |           |          |
| A. ABBAS  | 01/20/98 |           |          |

SCALE: NONE  
DATE 10/18/2002

DRAWN BY  
CHECKED BY  
BD400-04 (BD-22)

REVISION DATE: 04/27/98

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| F. A. REC.          | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|                     |          |                  | 265          | 195       |
| STA.                |          | TO STA.          |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

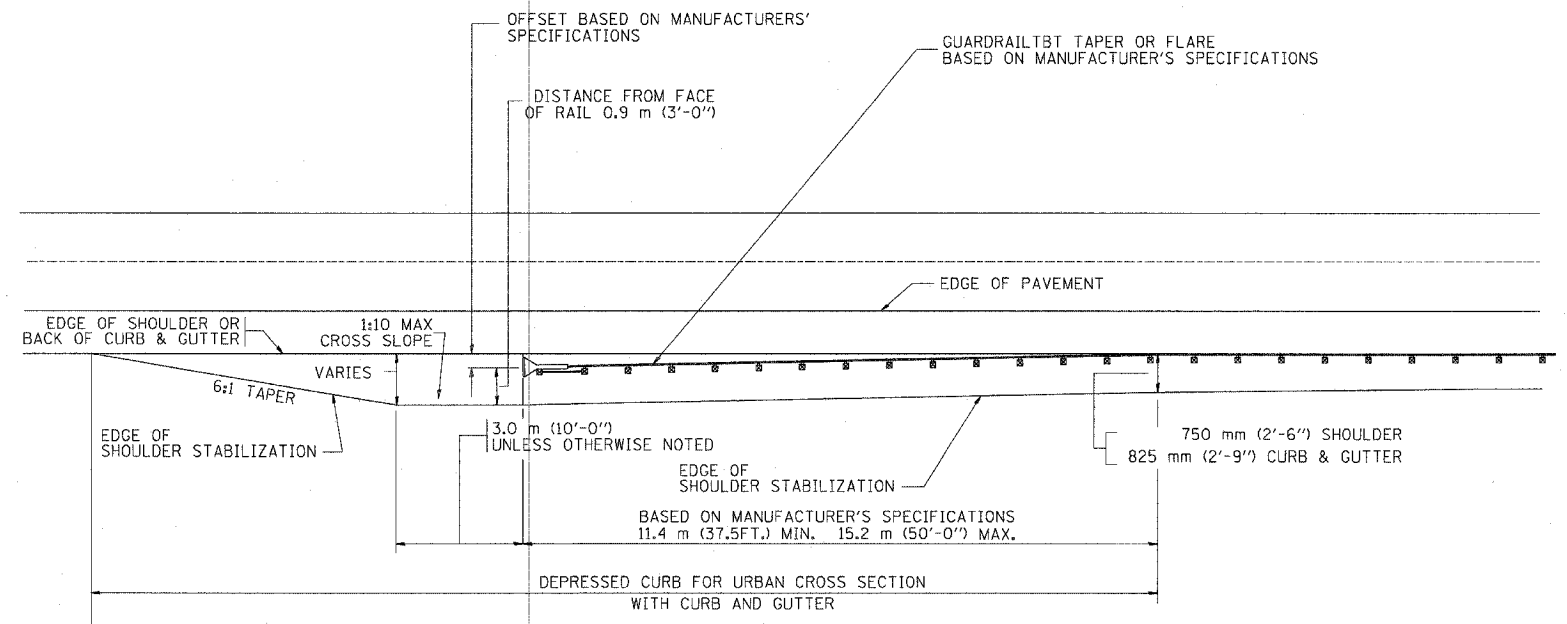


- NOTES: 1. THE BITUMINOUS SHOULDER SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. GUARD RAIL MAY BE PLACED AT THE BACK OF CURB WHEN DIRECTED BY THE ENGINEER.

BASIS OF PAYMENT: BITUMINOUS SHOULDER 150 (6) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER m<sup>2</sup> (sq. yd.) AS "BITUMINOUS SHOULDER 150 (6)."

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER  
 [FOR ROADWAY SPEED 60 kmh (35 MPH) TO 70 kmh (45 MPH)]



STABILIZATION AT TBT TY. 1 SPL.

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

| REVISIONS  |          |
|------------|----------|
| NAME       | DATE     |
| M. DE YONG | 09-22-90 |
| M. DE YONG | 07-14-92 |
| R. SHAH    | 09/09/94 |
| R. SHAH    | 10/25/94 |
| R. SHAH    | 02/23/95 |
| A. ABBAS   | 03/21/97 |
| E. GOMEZ   | 08/28/00 |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER**

**STABILIZATION AT TBT TY 1 SPL.**

SCALE: NONE

DATE 10/18/2002

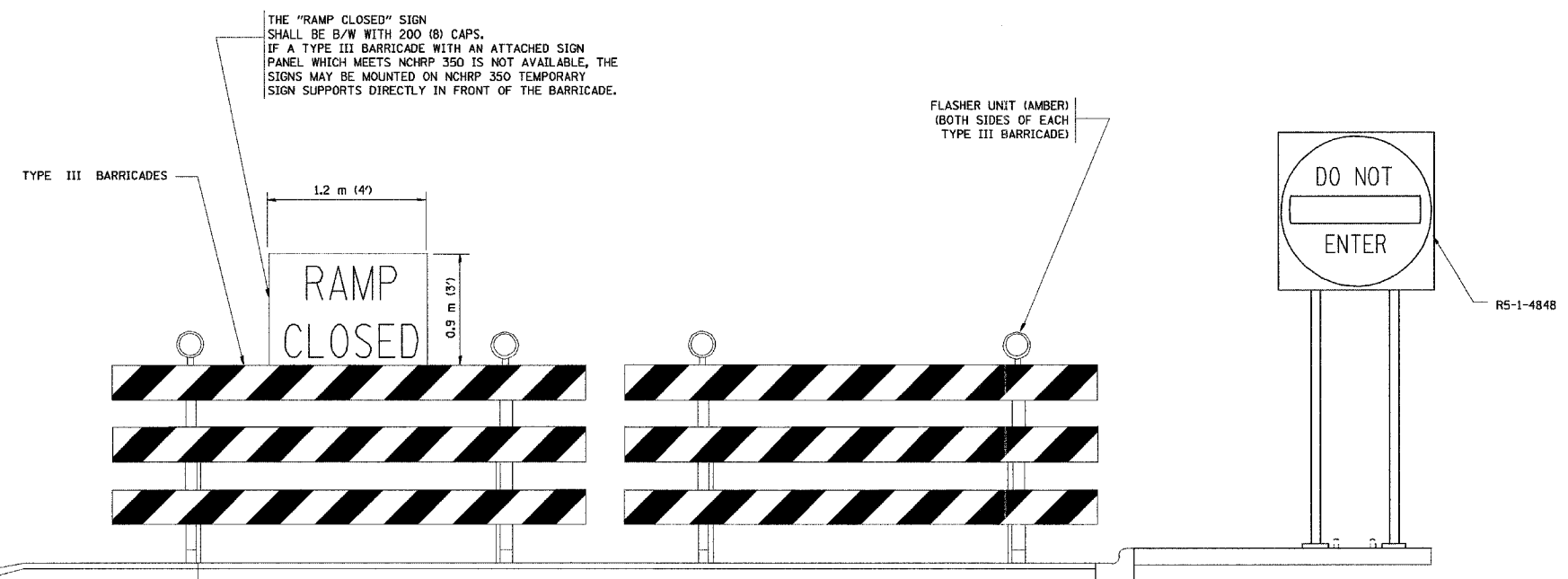
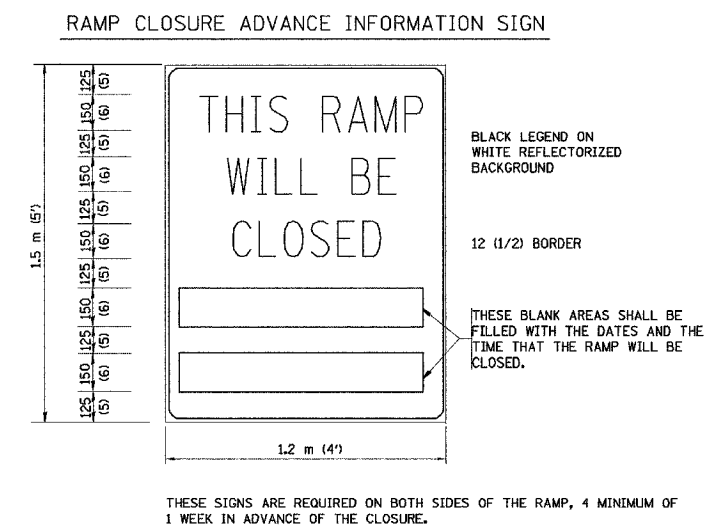
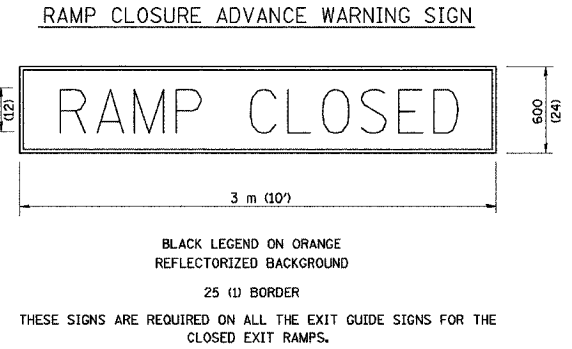
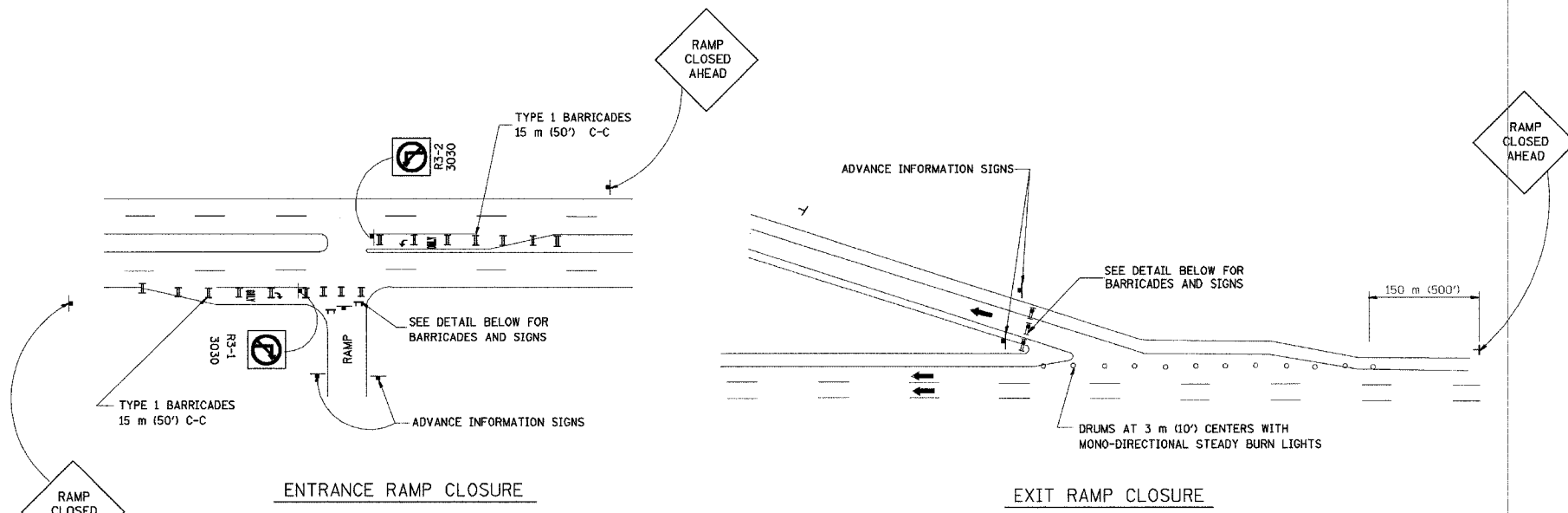
DRAWN BY Jls

CHECKED BY

BD600-10 (BD 34)

REVISION DATE: 08/28/00

|                     |          |                  |              |           |
|---------------------|----------|------------------|--------------|-----------|
| F.A. RTE.           | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|                     |          |                  | 265          | 196       |
| STA.                | TO STA.  |                  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |



THE "RAMP CLOSED" SIGN SHALL BE B/W WITH 200 (8) CAPS. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

- GENERAL NOTES:**
- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 700 (28) HIGH.
  - STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
  - A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
  - FOR DAYTIME RAMP CLOSURES, LASTING 6 HOURS OR LESS, THE CONTRACTOR MAY ELIMINATE THE ADVANCE WARNING SIGNS ON THE EXIT GUIDE SIGNS.
  - ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
  - THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION.
  - AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.

- NOTES:**
- CONES MAY BE SUBSTITUTED FOR TYPE I AND TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28" IN HEIGHT.
  - STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
  - THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS.
  - ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY FOUR (24) HOURS IN LENGTH.

**REVISIONS**

| NAME                             | DATE  |
|----------------------------------|-------|
| DWS                              | 2-83  |
| DWS                              | 1/90  |
| DWS                              | 9/94  |
| DWS                              | 12/94 |
| DWS/JAF                          | 12/02 |
| Revise devices to meet NCHRP 350 | 4/03  |

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

**FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS**

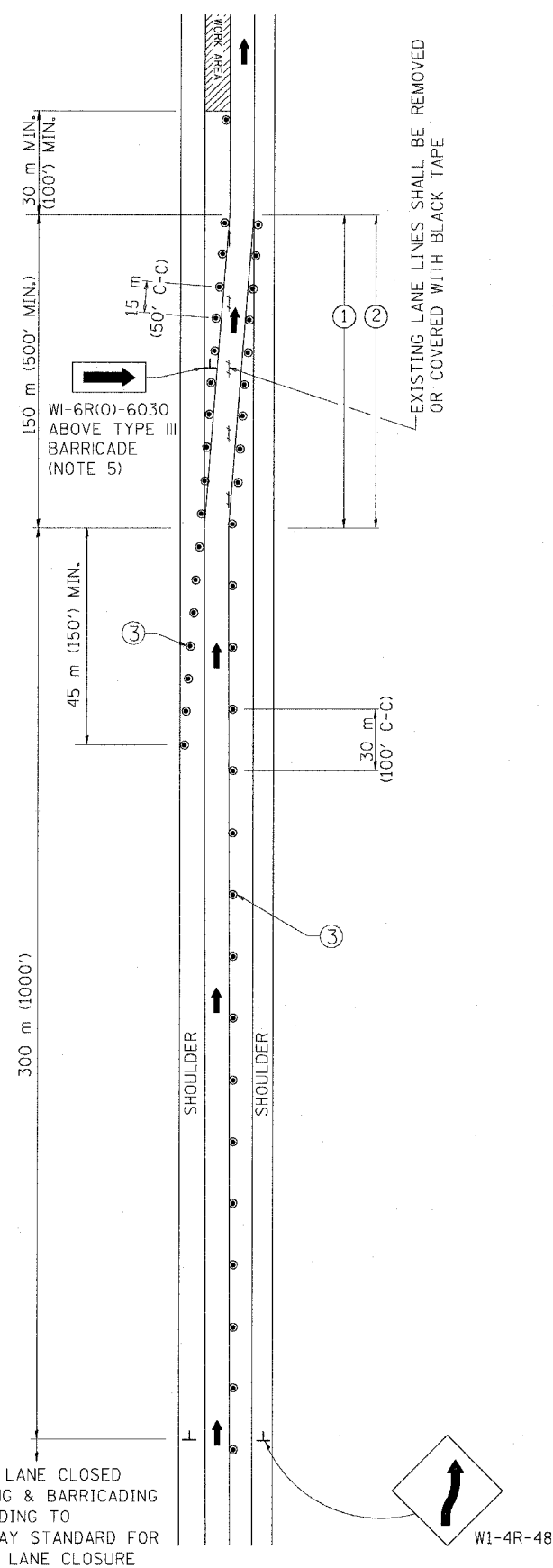
SCALE: NONE  
DATE: 05/06/2003

DRAWN BY: [blank]  
CHECKED BY: TC-8  
REVISION DATE: 01/03/03



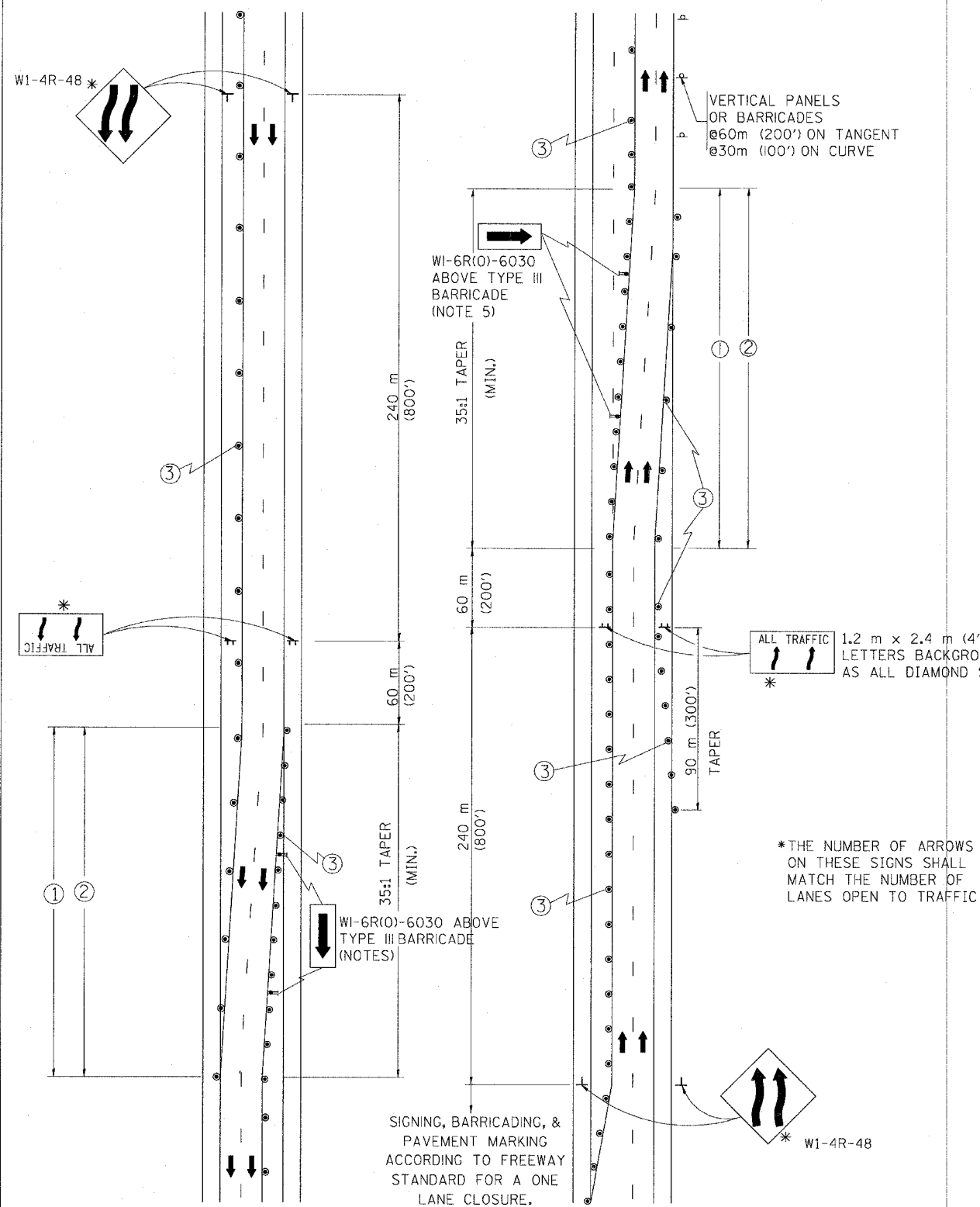
|                           |         |               |                  |           |
|---------------------------|---------|---------------|------------------|-----------|
| F.A. RTE.                 | SECTION | COUNTY        | TOTAL SHEETS     | SHEET NO. |
|                           |         |               | 205              | 191       |
| STA. _____                |         | TO STA. _____ |                  |           |
| FED. ROAD DIST. NO. _____ |         | ILLINOIS      | FED. AID PROJECT |           |

### SINGLE LANE WEAVE



RIGHT LANE CLOSED SIGNING & BARRICADING ACCORDING TO FREEWAY STANDARD FOR A ONE LANE CLOSURE

### MULTI-LANE WEAVE



#### GENERAL NOTES

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 90 m (300') ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 3 M-9 M (10'-30') SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 15 m (50') C-C SPACING IN TAPERS AND 30 m (100') C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

#### SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL DETAILS**  
 FOR FREEWAY  
 SINGLE & MULTI-LANE WEAVE

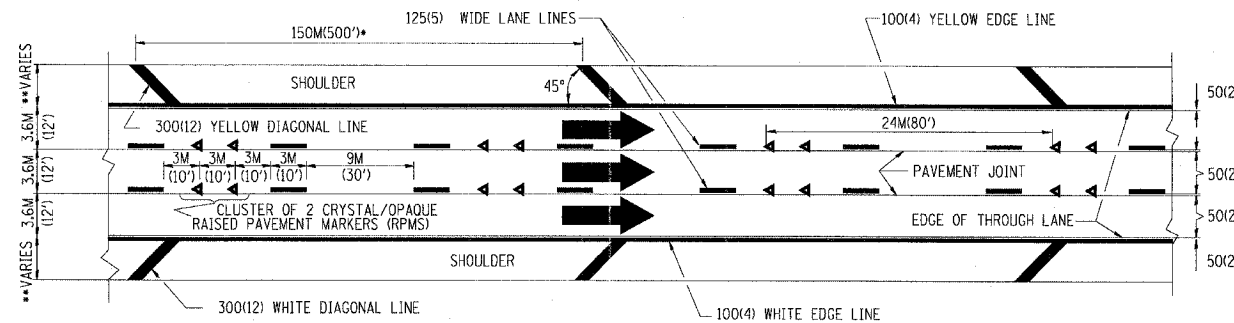
| REVISIONS |          |
|-----------|----------|
| NAME      | DATE     |
| DWS       | 2/87     |
| DWS       | 1/90     |
| DWS       | 12/27/94 |
| DWS       | 11/96    |
| JAF       | 4/03     |

SCALE: NONE  
 DATE: 05/12/2003

DRAWN BY R.H.  
 CHECKED BY TC-9

| F. & A. REG.          | SECTION | COUNTY   | TOTAL SHEETS     | SHEET NO. |
|-----------------------|---------|----------|------------------|-----------|
|                       |         |          | 265              | 198       |
| STA.                  |         | TO STA.  |                  |           |
| FED. ROAD DIST. NO. 7 |         | ILLINOIS | FED. AID PROJECT |           |

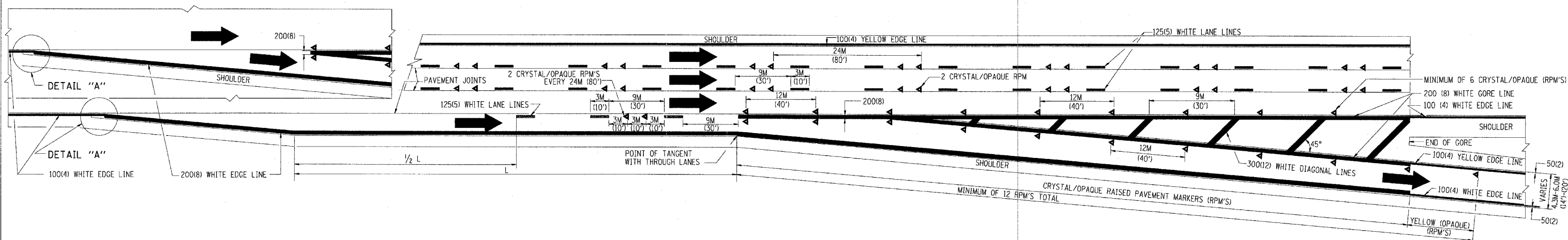
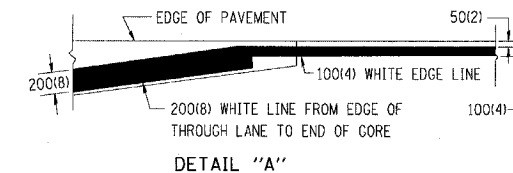
- THE DIAGONAL LINES SHALL BE SPACED AT 12M (40') C-C ACROSS ALL STRUCTURES WHICH ARE 150M (500') OR LESS IN LENGTH
- THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 1.8M (6') OR LESS IN WIDTH



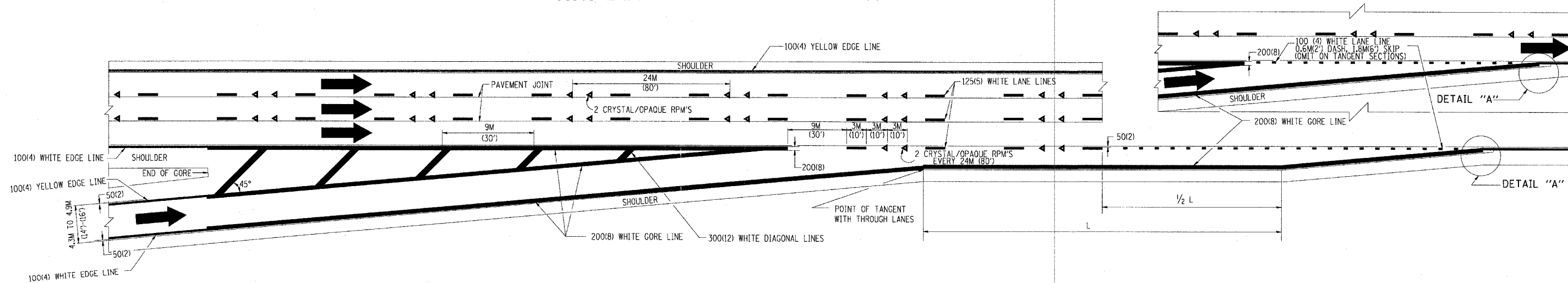
TYPICAL EDGE LINES & LANE LINES

NOTES:

1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES
3. PREFORMED PLASTIC PAVEMENT MARKING LINE SHALL BE USED ON PCC PAVEMENT.



TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
| DWS       | 1/90 |
| DWS       | 5/91 |
| AH        | 3/96 |
| DWS       | 7/96 |

ILLINOIS DEPARTMENT OF TRANSPORTATION

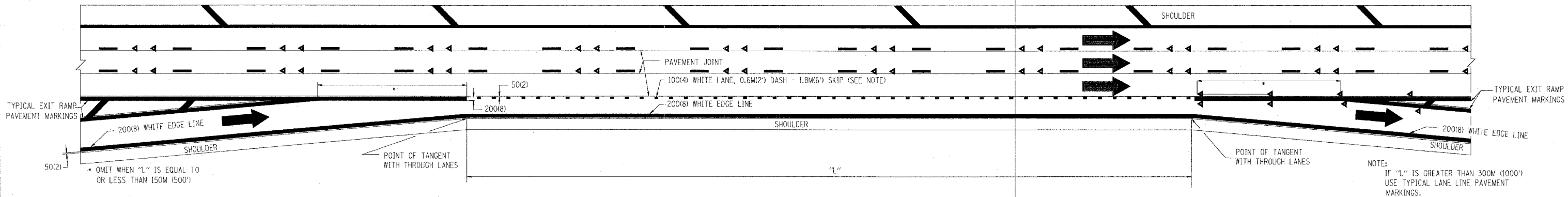
**MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS**

SCALE: NONE  
DATE: 10/18/2002

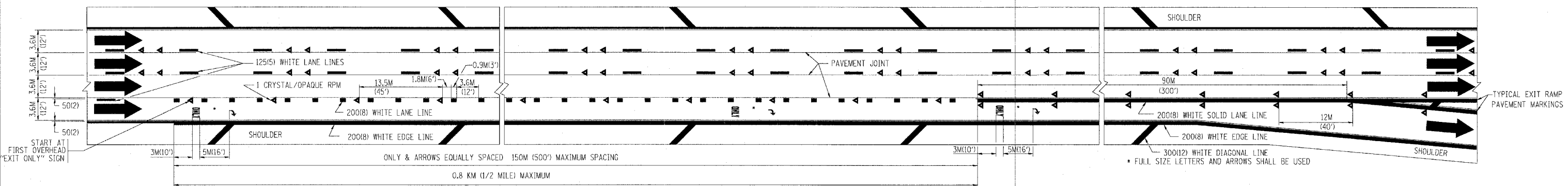
DRAWN BY C.A.D.D.  
CHECKED BY

TC12 SHEET 1 OF 2  
REVISION DATE: 01/01/96

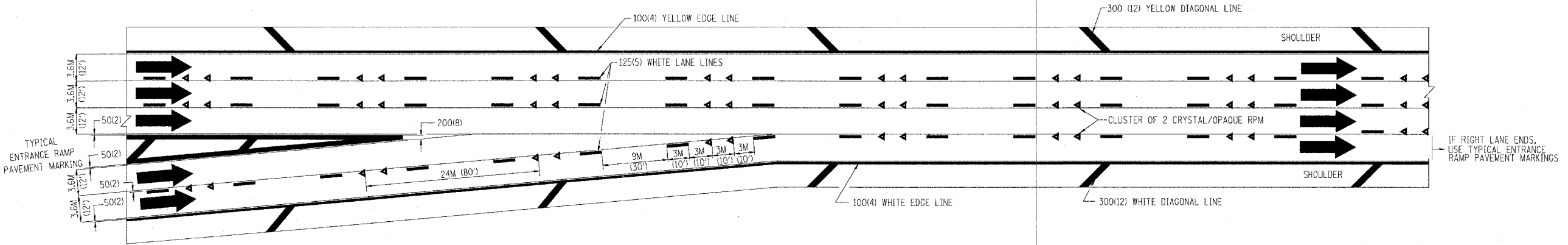
|                       |         |          |              |                  |
|-----------------------|---------|----------|--------------|------------------|
| F. A. DIST.           | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO.        |
|                       |         |          | 265          | 199              |
| STA.                  |         | TO STA.  |              |                  |
| FED. ROAD DIST. NO. 7 |         | ILLINOIS |              | FED. AID PROJECT |



**TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS**



**TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS**



**TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS**

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
| DWS       | 1/90 |
| DWS       | 5/91 |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION

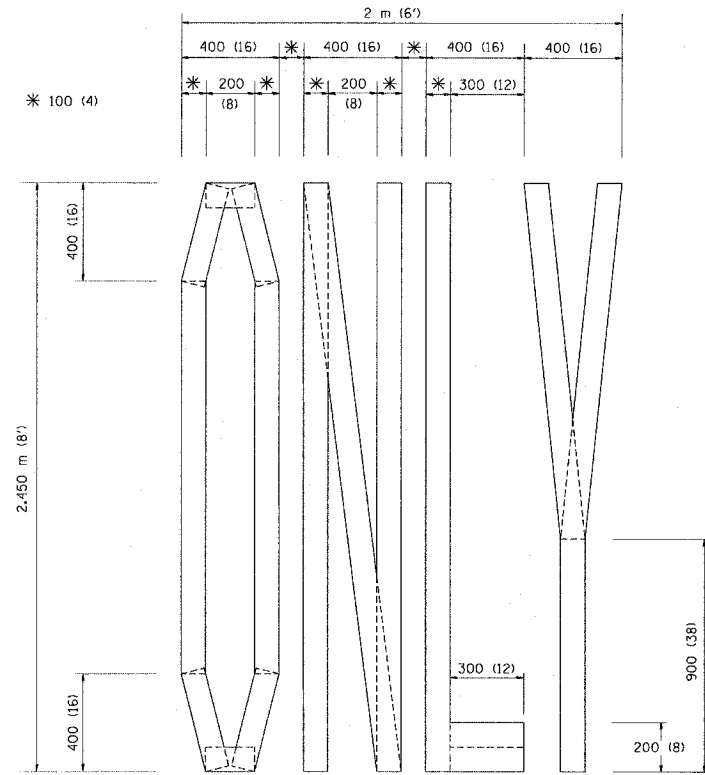
**MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS**

SCALE: NONE  
DATE: 10/18/2002

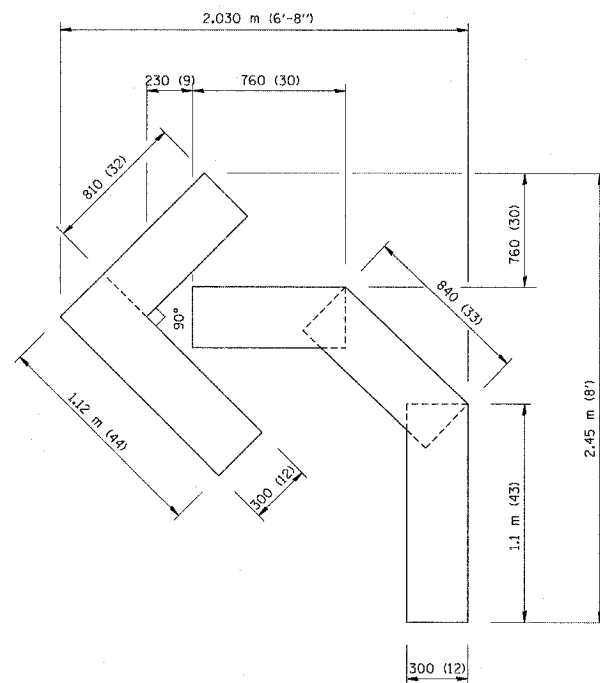
DRAWN BY C.A.D.D.  
CHECKED BY  
TC12 SHEET 2 OF 2  
REVISION DATE: 01/01/96

\*DATE-TIME\*  
\*DGN-SPEC\*  
VI-F012

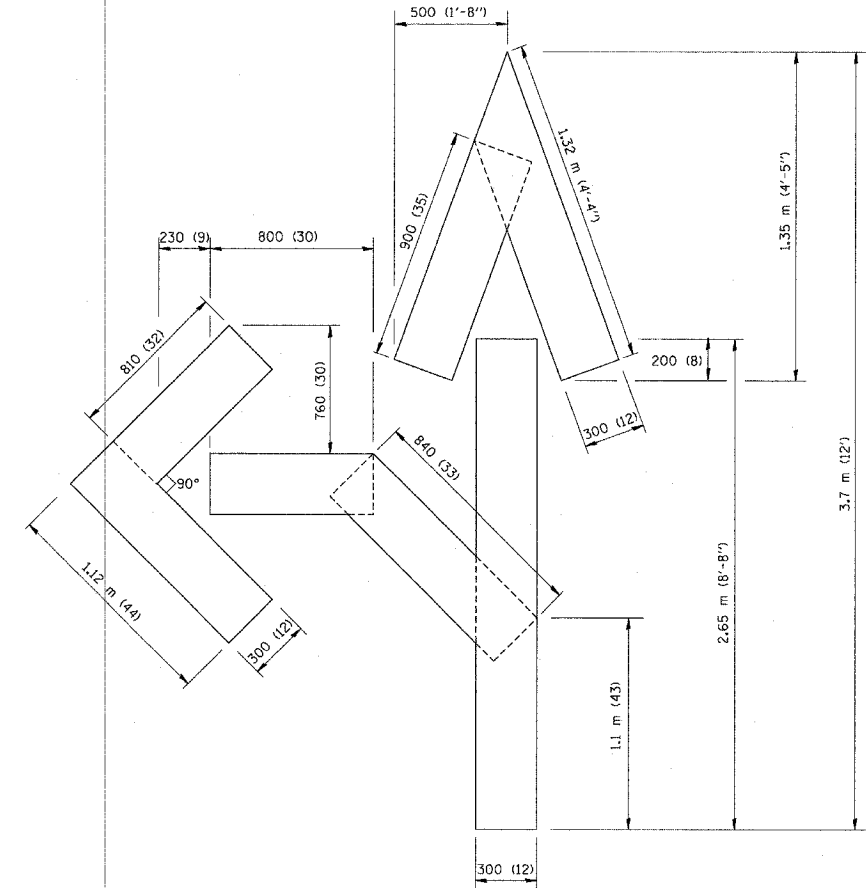
|                     |          |                  |              |           |
|---------------------|----------|------------------|--------------|-----------|
| F. A. REC.          | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
|                     |          |                  | 265          | 260       |
| STA.                |          | TO STA.          |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |



QUANTITY  
 100 (4) LINE = 19.7 m (64.1 ft.)  
 1.97 sq. m (21.1 sq. ft.)



QUANTITY  
 100 (4) LINE = 13.9 m (45.5 ft.)  
 1.39 sq. m (15.2 sq. ft.)



QUANTITY  
 100 (4) LINE = 25.3 m (82.5 ft.)  
 2.53 sq. m (27.5 sq. ft.)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING  
 LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

| REVISIONS    |          |
|--------------|----------|
| NAME         | DATE     |
| T. RAMMACHER | 09/18/94 |
| J. OBERLE    | 06/01/96 |
| T. RAMMACHER | 06/05/96 |
| T. RAMMACHER | 11/04/97 |
| T. RAMMACHER | 03/02/98 |
| E. GOMEZ     | 08/28/00 |

SCALE: NONE  
 DATE 10/18/2002

DRAWN BY CADD  
 CHECKED BY

TC-16  
 REVISION DATE: 08/28/00