

62806

|             |           |        |              |           |
|-------------|-----------|--------|--------------|-----------|
| F.A.I. RTE. | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 90/94       | 2004-067L | COOK   | 35           | 1         |

D-91-419-01

**INDEX OF SHEETS**

| SHEET            | DESCRIPTION  |
|------------------|--|
| 1                | COVER SHEET  |
| 2                | GENERAL NOTES AND PROJECT COMMITMENTS                          |
| 3-7              | SUGGESTED CONSTRUCTION SCHEDULE                                |
| 8                | SUMMARY OF QUANTITIES  |
| 9-19             | ALIGNMENT PLANS, SURVEY TIES AND CONTROL POINTS                |
| 20-25            | STREET LIGHTING UNDERGROUND CONDUIT FACILITIES                 |
| <del>26-28</del> | <del>REMOVAL OF STREET LIGHTING EQUIPMENT</del> <b>DELETED</b> |
| 29-34            | BOE STANDARD DETAILS   |
| 35               | TEMPORARY INFORMATION SIGNING                                  |

**IDOT HIGHWAY STANDARDS**

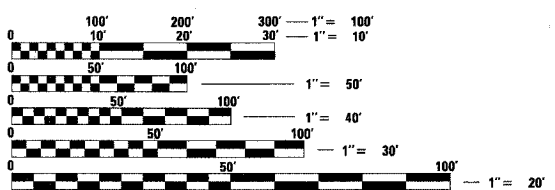
| STANDARD  | DESCRIPTION   |
|-----------|---|
| 000001-04 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS                 |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT                              |
| 701701-04 | URBAN LANE CLOSURE MULTILANE INTERSECTION                     |
| 701801-03 | LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 702001-05 | TRAFFIC CONTROL DEVICES                                       |

**PROJECT LOCATED IN CITY OF CHICAGO**

**DESIGN DESIGNATION**

WELLS ST: 8275 (20) URBAN COLLECTOR

|                 | ADT (2020) | DESIGN SPEED | POSTED SPEED |
|-----------------|------------|--------------|--------------|
| FRONTAGE ROADS: |            |              |              |
| WELLS ST        | 15,000     | 30           | 25           |



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

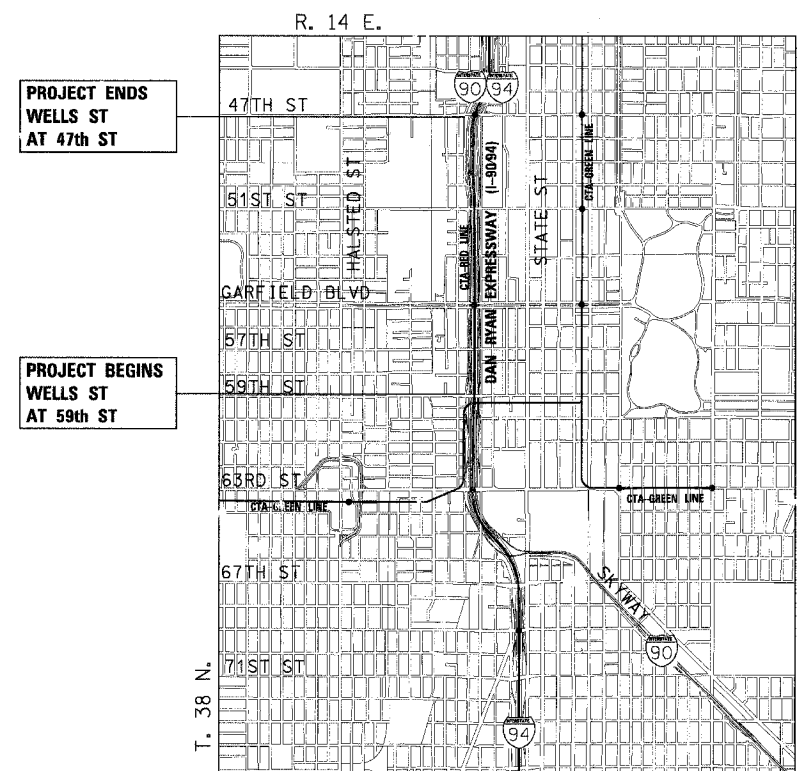
DIGGER: CHICAGO UTILITY ALERT NETWORK (312) 744-7000

**CONTRACT NO. 62806**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)  
SECTION 2004-067L  
~~PROJECT IM-094-3(306)057~~  
59th ST TO 47th ST (FRONTAGE ROADS)  
CITY OF CHICAGO LIGHTING CONDUIT & FOUNDATIONS  
WELLS STREET  
COOK COUNTY  
C-91-29104



**LOCATION MAP**

0 1/2 MILE 1 MILE 1" = 1/2 MILE  
GROSS LENGTH OF PROJECT = 7920 FT (1.500 MILES)  
NET LENGTH OF PROJECT = 7920 FT (1.500 MILES)



*John A. Lukowski*  
JOHN A. LUKOWSKI  
1-19  
SHEET NOS. 11-30-05  
EXPIRES 2-3-05  
DATE



*James P. Coleman*  
JAMES P. COLEMAN  
20-28  
SHEET NOS. 11-30-2005  
EXPIRES 2-2-2005  
DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED February 9, 20 05  
*Devin O'Keefe/AP*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 25, 20 05  
*Mike Nene RD*  
ENGINEER OF DESIGN AND ENVIRONMENT

March 25, 20 05  
*Victor Maden RD*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS**

**CTE ENGINEERS**  
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.  
303 EAST WACKER DRIVE, SUITE 600  
CHICAGO ILLINOIS 60601-5212, PHONE: (312) 938-0300

DISTRICT ONE DESIGN/CONSULTANT SERVICES PROJECT MANAGER  
RAJENDRA SHAH (847) 705-4555

Rev. 9-9-05



|   |           |         |              |           |
|---|-----------|---------|--------------|-----------|
| F.A.I. SHEETS                                   | SECTION   | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 90/94   | 2004-067L | COOK    | 35           | 8         |
| STA.  |           | TO STA. |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |           |         |              |           |

62806

SUMMARY OF QUANTITIES

URBAN  
100% STATE

| CODE NO.            | ITEM   | UNIT            | QUANTITY        | DOT WORK        |  |
|---------------------|--|-----------------|-----------------|-----------------|--|
|                     |  |                 |                 | LIGHTING        |  |
|                     |  |                 |                 | Y030-1E         |  |
| 67100100            | MOBILIZATION   | L SUM           | 1               | 1               |  |
| 70102635            | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701                    | L SUM           | 1               | 1               |  |
| 70102640            | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801                    | L SUM           | 1               | 1               |  |
| Z0013798            | CONSTRUCTION LAYOUT  | L SUM           | 1               | 1               |  |
| <del>Z0076600</del> | <del>TRAINEES</del>  | <del>HOUR</del> |                 |                 |  |
| X7015000            | CHANGEABLE MESSAGE SIGN  | CAL MO          | 1               | 1               |  |
| X0322256            | TEMPORARY INFORMATION SIGNING                                      | SQ FT           | 102.8           | 102.8           |  |
| 80700110            | GROUND ROD, 3/4" DIA. X 10'-0" LENGTH                              | EACH            | 73              | 73              |  |
| X0324667            | CONCRETE FOUNDATION, 20" DIAMETER, 1" ANCHOR RODS, 10" BOLT CIRCLE | FOOT            | 365             | 365             |  |
| X0323768            | ELECTRICAL HANDHOLE, 30", 24" FRAME AND LID                        | EACH            | 11              | 11              |  |
| <del>Z0018940</del> | <del>DRILL EXISTING MANHOLE OR HANDHOLE</del>                      | <del>EACH</del> | <del>1</del>    | <del>1</del>    |  |
| <del>X0324436</del> | <del>CLEAN EXISTING MANHOLE OR HANDHOLE</del>                      | <del>EACH</del> | <del>1</del>    | <del>1</del>    |  |
| <del>X0324662</del> | <del>CONDUIT, POLYETHYLENE, DIRECTIONAL BORING, 1.25"</del>        | <del>FOOT</del> | <del>6936</del> | <del>6936</del> |  |
| <del>X0324934</del> | <del>CONDUIT, POLYETHYLENE, DIRECTIONAL BORING, 2"</del>           | <del>FOOT</del> | <del>133</del>  | <del>133</del>  |  |
| <del>X0320901</del> | <del>PVC CONDUIT IN TRENCH, 2" DIA. (SCHEDULE 40)</del>            | <del>FOOT</del> | <del>105</del>  | <del>105</del>  |  |
| <del>81000600</del> | <del>CONDUIT IN TRENCH, 2" DIA. GALVANIZED STEEL</del>             | <del>FOOT</del> | <del>10</del>   | <del>10</del>   |  |
| <del>X0324354</del> | <del>TRENCH AND BACKFILL WITH SCREENINGS AND/OR SAND</del>         | <del>FOOT</del> | <del>115</del>  | <del>115</del>  |  |
| <del>X0950075</del> | <del>REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE</del>         | <del>EACH</del> | <del>1</del>    | <del>1</del>    |  |
| <del>84200500</del> | <del>REMOVE EXISTING LIGHTING UNIT AND SALVAGE</del>               | <del>EACH</del> | <del>72</del>   | <del>72</del>   |  |
| <del>X0324434</del> | <del>REMOVE EXISTING STREET LIGHTING UNIT FOUNDATION</del>         | <del>EACH</del> | <del>72</del>   | <del>72</del>   |  |

△



⊕ Y080  
-NON-PARTICIPATING-

△ Rev. 9-9-05

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
59th ST TO 47th ST (FRONTAGE ROAD)  
CITY OF CHICAGO LIGHTING CONDUIT & FOUNDATIONS  
WELLS STREET

SUMMARY OF QUANTITIES

SCALE: NONE  
DATE: February 11, 2005

DRAWN BY: CJM  
CHECKED BY: WDS

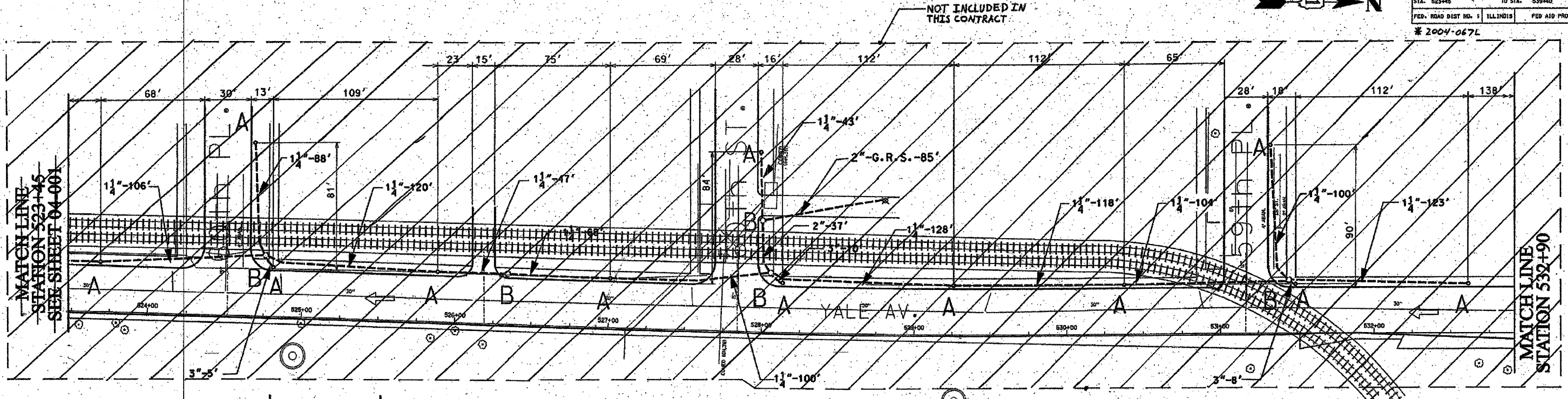
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62806

|                      |         |                |                  |          |
|----------------------|---------|----------------|------------------|----------|
| F.A. RTE             | SECTION | COUNTY         | TOTAL SHEETS     | SHEET NO |
| 90/94                | *       | COOK           | 35               | 20       |
| STA. 523+45          |         | TO STA. 539+40 |                  |          |
| FED. ROAD DIST NO. 1 |         | ILLINOIS       | FED AID PROJECTS |          |



\* 2004-067L



NOT INCLUDED IN THIS CONTRACT

MATCH LINE STATION 523+45 SEE SHEET 04-001

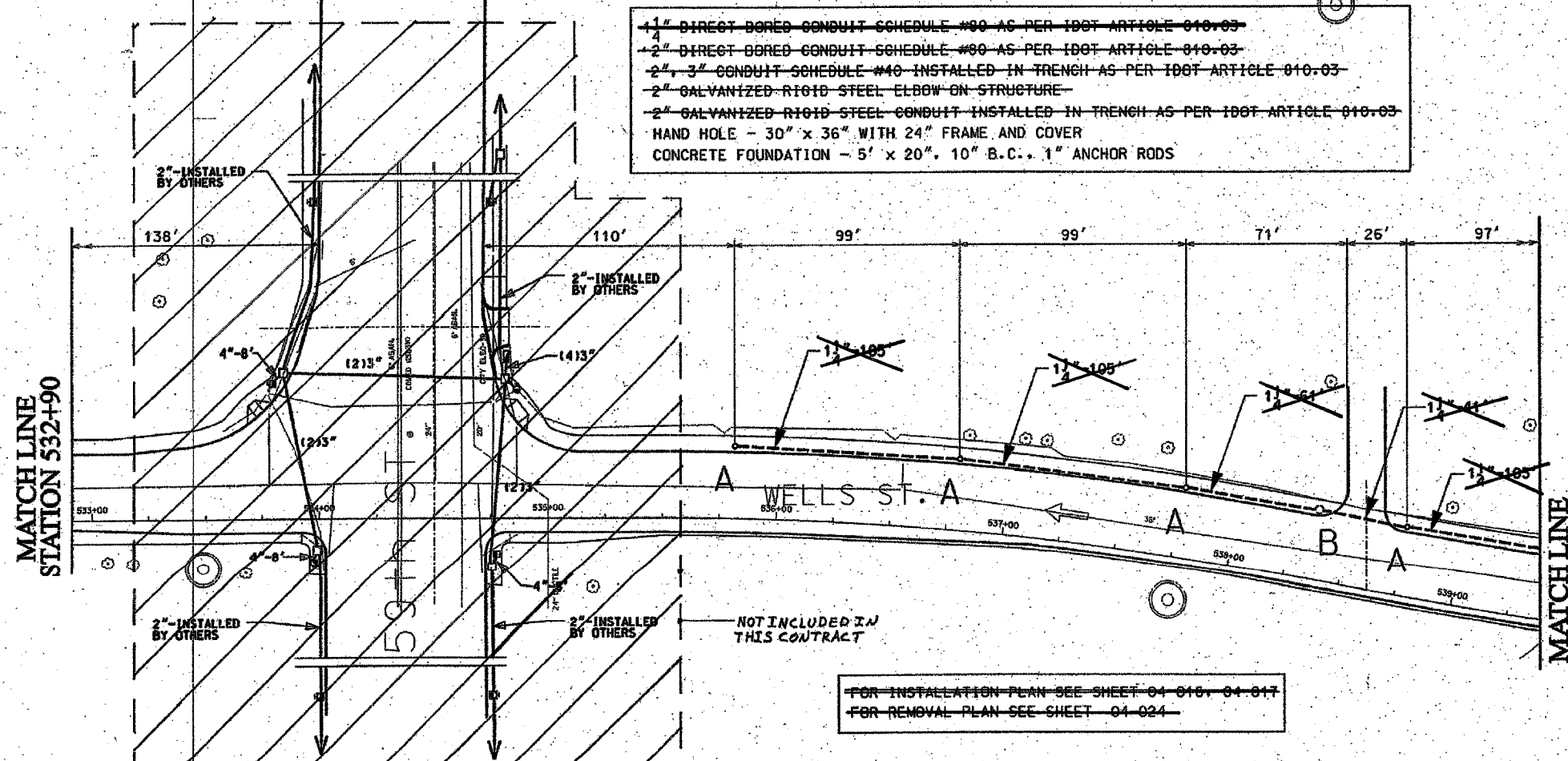
MATCH LINE STATION 532+90

- 1 1/4" DIRECT BORED CONDUIT SCHEDULE #00 AS PER IDOT ARTICLE 010.03
- 2" DIRECT BORED CONDUIT SCHEDULE #00 AS PER IDOT ARTICLE 010.03
- 2", 3" CONDUIT SCHEDULE #40 INSTALLED IN TRENCH AS PER IDOT ARTICLE 010.03
- 2" GALVANIZED RIGID STEEL ELBOW ON STRUCTURE
- 2" GALVANIZED RIGID STEEL CONDUIT INSTALLED IN TRENCH AS PER IDOT ARTICLE 010.03
- HAND HOLE - 30" x 36" WITH 24" FRAME AND COVER
- CONCRETE FOUNDATION - 5' x 20", 10" B.C., 1" ANCHOR RODS

NOTES: CONTRACTOR IS TO INSTALL UNDERGROUND CONDUIT AND PULL ROPE BETWEEN FOUNDATIONS AS WELL AS PERFORM THE FOLLOWING WORK ITEMS ACCORDING TO BUREAU OF ELECTRICITY SPECIFICATIONS:

"A" - INSTALL 20" x 5' FOUNDATION, 10" B.C., 1" ANCHOR RODS AS PER DRAWING NO. 565, 2' OFF FACE OF CURB, UNLESS NOTED OTHERWISE. BUILD FOUNDATIONS FLUSH WITH SIDEWALK SURFACE.

"B" - INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER.



NOT INCLUDED IN THIS CONTRACT

MATCH LINE STATION 532+90

MATCH LINE STATION 539+40 SEE SHEET 04-003

FOR INSTALLATION PLAN SEE SHEET 04-016, 04-017  
 FOR REMOVAL PLAN SEE SHEET 04-024

FOR BIDDING AND CONSTRUCTION  
 SEE GENERAL NOTES 26 AND 27 ON SHEET 2.

|                                    |                    |               |          |
|------------------------------------|--------------------|---------------|----------|
| CITY OF CHICAGO                    |                    |               |          |
| DEPT. OF STREETS AND SANITATION    |                    |               |          |
| BUREAU OF ELECTRICITY              |                    |               |          |
| DIVISION OF ELECTRICAL ENGINEERING |                    |               |          |
| DRAWINGMAN:                        | CHIEF DRAFTSMAN:   | ENGINEER:     |          |
| B. GARNSEY                         | ROBERT CARTER      | B. GARNSEY    |          |
| SUPERVISING ENGINEER:              | ELEC. DESIGN ENGR. |               |          |
| ENGINEER OF ELECTRICITY:           |                    |               | DWG. NO. |
|                                    |                    |               | 04-002   |
| DEPT. SUPT. OF ELECTRICITY:        |                    |               |          |
| DEPUTY COMMISSIONER:               |                    |               |          |
| SIZE: 22"   36"                    | SCALE: 1"=30'      | DATE: 1/20/04 |          |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
 57th St. TO 47th St. (FRONTAGE ROADS)

STREET LIGHTING  
 UNDERGROUND CONDUIT FACILITIES

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |

SCALE: 1" = 30'  
 DATE: February 11, 2005  
 DRAWN BY: B.T.G.  
 CHECKED BY: O.L.

Revised sheet 9/9/05

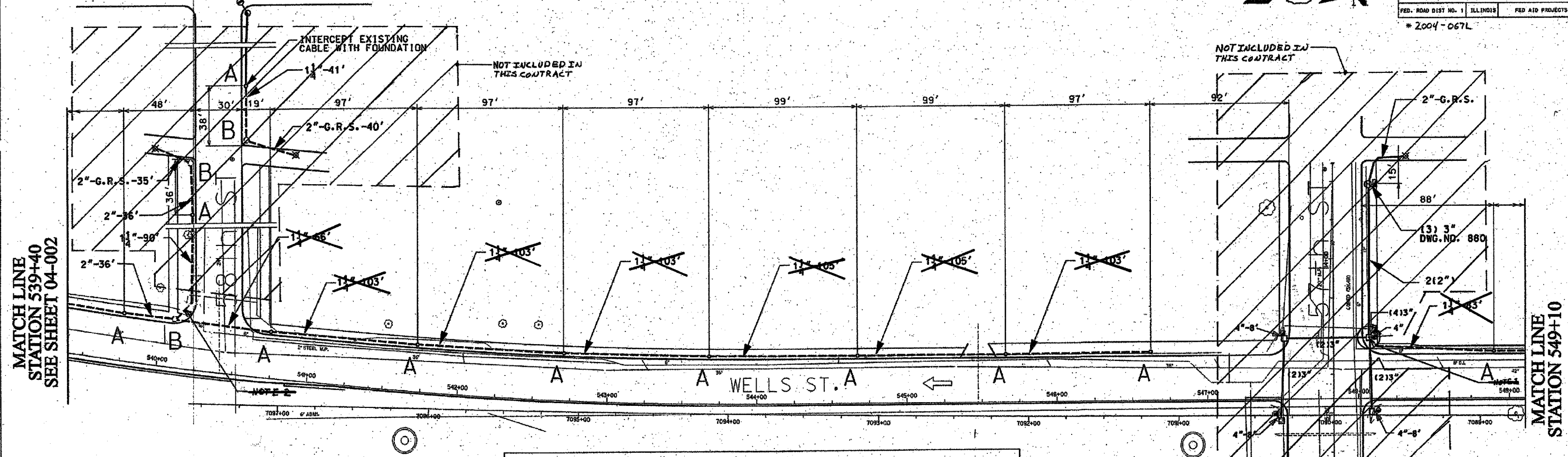
62806

|                       |                |                   |              |           |
|-----------------------|----------------|-------------------|--------------|-----------|
| F. & R. NO.           | SECTION        | COUNTY            | TOTAL SHEETS | SHEET NO. |
| 90/94                 | *              | COOK              | 35           | 21        |
| STA: 539+40           | TO STA: 550+00 |                   |              |           |
| FED. ROAD DIST. NO. 1 | ILLINOIS       | FED. AID PROJECTS |              |           |

\* 2004-067L



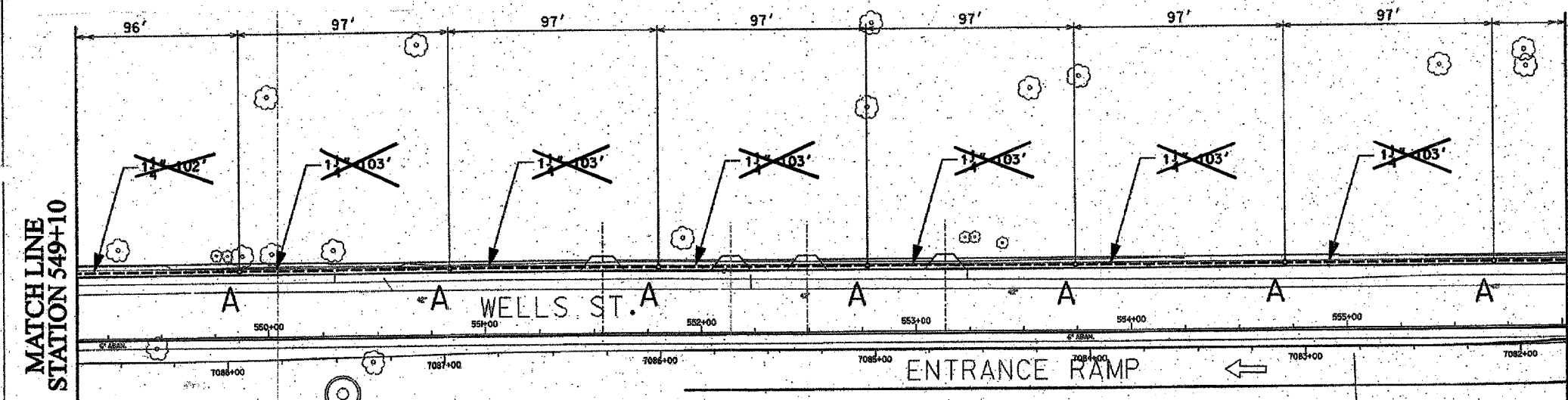
PRINCETON



- 1" DIRECT BORED CONDUIT SCHEDULE #00 AS PER IDOT ARTICLE 810.03
- 2" DIRECT BORED CONDUIT SCHEDULE #00 AS PER IDOT ARTICLE 810.03
- 2" CONDUIT SCHEDULE #40 INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03
- 2" GALVANIZED RIGID STEEL ELBOW ON STRUCTURE
- 2" GALVANIZED RIGID STEEL CONDUIT INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03
- HAND HOLE - 30" x 36" WITH 24" FRAME AND COVER
- CONCRETE FOUNDATION - 5' x 20", 10" B.C., 1" ANCHOR RODS.

**NOTES:** CONTRACTOR IS TO INSTALL UNDERGROUND CONDUIT AND PULL ROPE BETWEEN FOUNDATIONS AS WELL AS PERFORM THE FOLLOWING WORK ITEMS ACCORDING TO BUREAU OF ELECTRICITY SPECIFICATIONS:

- "A" - INSTALL 20" x 5' FOUNDATION, 10" B.C., 1" ANCHOR RODS AS PER DRAWING NO. 565, 2' OFF FACE OF CURB, UNLESS NOTED OTHERWISE. BUILD FOUNDATIONS FLUSH WITH SIDEWALK SURFACE.
- "B" - INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER
- "D" - INSTALL BASE FOUNDATION AS PER DWG. 876 FOR STREET LIGHTING CONTROLLER. TO BE INSTALLED ON TRAFFIC SIGNAL CONTRACT



**NOTES:**

1. ROUTE PROPOSED CONDUIT RUN TO THE EXISTING MANHOLE OR HANDHOLE AS SHOWN. DRILL THE EXISTING MANHOLE OR HANDHOLE AND INSTALL PROPOSED CONDUIT THROUGH THE MANHOLE OR HANDHOLE WALL. SEE DRAWING 886-2 FOR DETAILS.
2. PROVIDE A CONDUIT STOP AT MANHOLE EXTENDING TO ONE FOOT PAST THE LIMITS OF SIDEWALK REPLACEMENT. PROVIDE A CONDUIT CAP FOR THE CONDUIT STOP. THE CONDUIT CAP WILL BE INCLUDED IN THE UNIT PRICE FOR THE CONDUIT OR SPECIFIED TYPE AND DIAMETER, AND SEPARATE PAYMENT WILL BE MADE SEE IDOT CONTACT URL 62576 AND 62745 FOR LIMITS OF SIDEWALK REPLACEMENT.

FOR INSTALLATION PLAN SEE SHEET 04-017  
FOR REMOVAL PLAN SEE SHEETS 04-024, 04-025.

CITY OF CHICAGO  
DEPT. OF STREETS AND SANITATION  
DIVISION OF ELECTRICAL ENGINEERING

|                            |                                  |                           |
|----------------------------|----------------------------------|---------------------------|
| DRAFTSMAN<br>B. GARNSEY    | CHIEF DRAFTSMAN<br>ROBERT CARTER | ENGINEERS<br>B. GARNSEY   |
| SUPERVISING ENGINEER       | ELEC. DESIGN ENGR.               |                           |
| ENGINEER OF ELECTRICITY    |                                  | DWG. NO.<br><b>04-003</b> |
| GENL. Supt. OF ELECTRICITY |                                  | DATE: 1/20/04             |
| DEPUTY COMMISSIONER        |                                  |                           |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
59th St. to 47th St. (FRONTAGE ROADS)

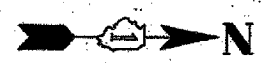
STREET LIGHTING  
UNDERGROUND CONDUIT FACILITIES

SCALE: 1" = 30'  
DATE: February 11, 2005  
DRAWN BY: B.T.G.  
CHECKED BY: D.L.

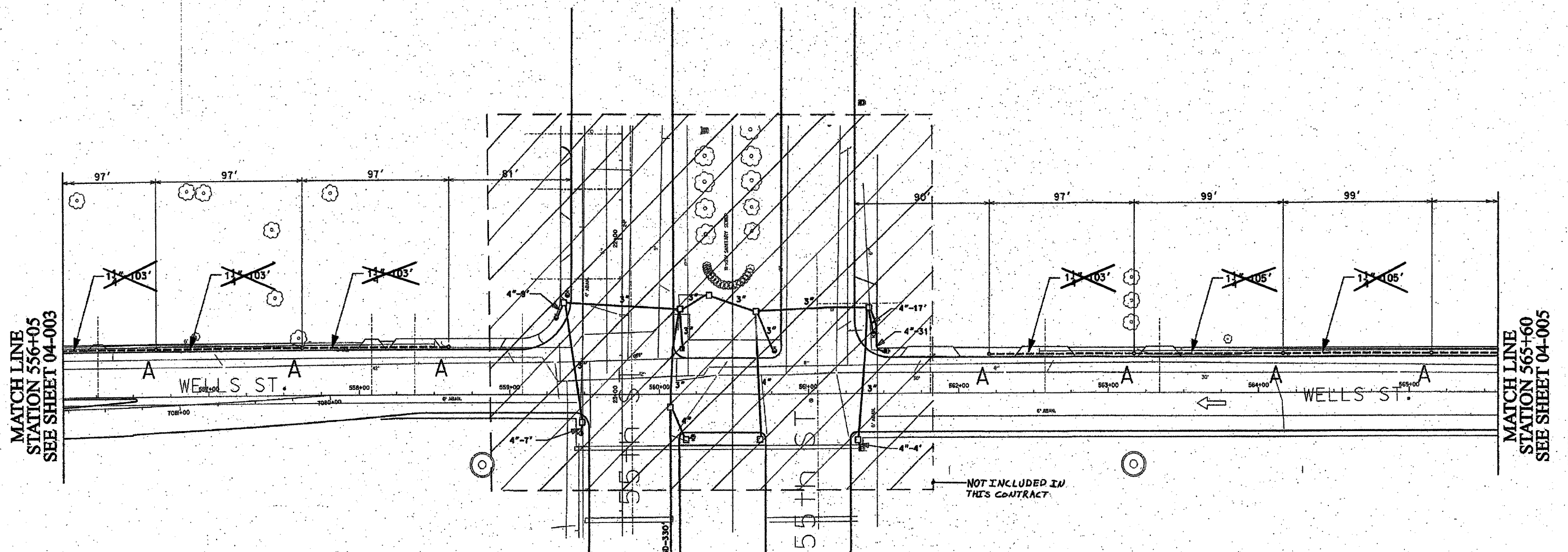
Revised sheet 9/9/05.



62806



|                       |                |          |                  |           |
|-----------------------|----------------|----------|------------------|-----------|
| F. A. RITE            | SECTION        | COUNTY   | TOTAL SHEETS     | SHEET NO. |
| 90/94                 | #              | COOK     | 35               | 22        |
| STA. 556+00           | TO STA. 565+00 |          |                  |           |
| FED. ROAD DIST. NO. 1 |                | ILLINOIS | FED AID PROJECTS |           |
| * 2004-067L           |                |          |                  |           |



MATCH LINE  
STATION 556+05  
SEE SHEET 04-003

MATCH LINE  
STATION 565+60  
SEE SHEET 04-005

**NOTES: CONTRACTOR IS TO ~~INSTALL UNDERGROUND CONDUIT AND PULL ROPE BETWEEN FOUNDATIONS AS WELL AS~~ PERFORM THE FOLLOWING WORK ITEMS ACCORDING TO BUREAU OF ELECTRICITY SPECIFICATIONS:**

"A" - INSTALL 20" x 5' FOUNDATION, 10" B.C., 1" ANCHOR RODS AS PER DRAWING NO. 565, 2' OFF FACE OF CURB, UNLESS NOTED OTHERWISE. BUILD FOUNDATIONS FLUSH WITH SIDEWALK SURFACE.

"B" - INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER.

- ~~1" DIRECT BORED CONDUIT SCHEDULE #80 AS PER IDOT ARTICLE 010.03~~
- ~~2" DIRECT BORED CONDUIT SCHEDULE #80 AS PER IDOT ARTICLE 010.03~~
- ~~2" CONDUIT SCHEDULE #40 INSTALLED IN TRENCH AS PER IDOT ARTICLE 010.03~~
- ~~2" GALVANIZED RIGID STEEL ELBOW ON STRUCTURE~~
- ~~2" GALVANIZED RIGID STEEL CONDUIT INSTALLED IN TRENCH AS PER IDOT ARTICLE 010.03~~
- ~~HAND HOLE 30" x 36" WITH 24" FRAME AND COVER~~
- ~~CONCRETE FOUNDATION - 5' x 20", 10" B.C., 1" ANCHOR RODS~~

FOR INSTALLATION PLAN SEE SHEETS 04-017, 04-018  
FOR REMOVAL PLAN SEE SHEET 04-025

CITY OF CHICAGO  
DEPT. OF STREETS AND SANITATION  
BUREAU OF ELECTRICITY  
DIVISION OF ELECTRICAL ENGINEERING

|  |                                  |                           |
|--|----------------------------------|---------------------------|
| DRAFTSMAN<br>B. GARNSEY  | CHIEF DRAFTSMAN<br>ROBERT CARTER | ENGINEER<br>B. GARNSEY    |
| SUPERVISING ENGINEER   | ELEC. DESIGN ENGR.               | DWG. NO.<br><b>04-004</b> |
| ENGINEER OF ELECTRICITY  |                                  | DATE: 1/20/04             |
| GEN'L SUPT. OF ELECTRICITY   |                                  | SCALE: 1" = 30'           |
| DEPUTY COMMISSIONER  |                                  | DRAWN BY: B.T.G.          |
| ILLINOIS DEPARTMENT OF TRANSPORTATION<br>F.A.I. 90/94 (DAN RYAN EXPRESSWAY)<br>57th St. TO 47th St. (FRONTAGE ROADS) |                                  |                           |
| STREET LIGHTING<br>UNDERGROUND CONDUIT FACILITIES  |                                  |                           |
| DATE: February 11, 2005  |                                  | CHECKED BY: O.L.          |

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |

Revised Sheet 9/9/05

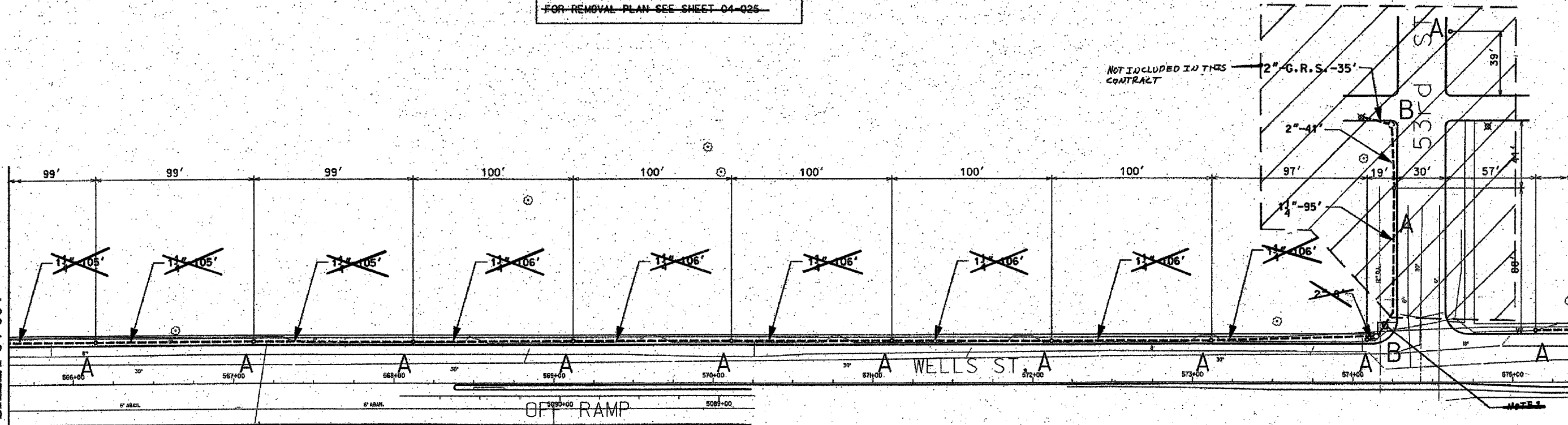
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|                       |                |                  |              |           |
|-----------------------|----------------|------------------|--------------|-----------|
| F. A. RTE             | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 90/94                 | *              | COOK             | 35           | 23        |
| STA. 565+00           | TO STA. 581+95 |                  |              |           |
| FED. ROAD DIST. NO. 1 | ILLINOIS       | FED AID PROJECTS |              |           |

FOR INSTALLATION PLAN SEE SHEET 04-018  
 FOR REMOVAL PLAN SEE SHEET 04-025

MATCH LINE  
 STATION 565+60  
 SEE SHEET 04-004

MATCH LINE  
 STATION 575+35



- ~~1 1/2" DIRECT BORED CONDUIT SCHEDULE #90 AS PER IDOT ARTICLE 810.03~~
- ~~2" DIRECT BORED CONDUIT SCHEDULE #90 AS PER IDOT ARTICLE 810.03~~
- ~~2" CONDUIT SCHEDULE #40 INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03~~
- ~~2" GALVANIZED RIGID STEEL ELBOW ON STRUCTURE~~
- ~~2" GALVANIZED RIGID STEEL CONDUIT INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03~~
- HAND HOLE - 30" x 36" WITH 24" FRAME AND COVER
- CONCRETE FOUNDATION - 5' x 20", 10" B.C., 1" ANCHOR RODS

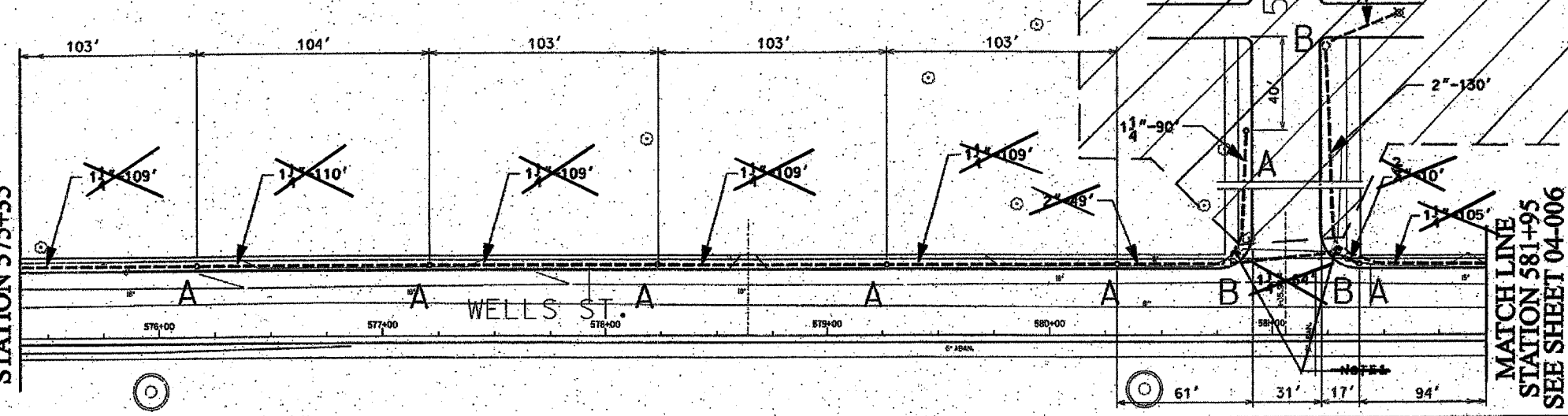
NOTES: CONTRACTOR IS TO INSTALL UNDERGROUND CONDUIT AND PULL ROPE BETWEEN FOUNDATIONS AS WELL AS PERFORM THE FOLLOWING WORK ITEMS ACCORDING TO BUREAU OF ELECTRICITY SPECIFICATIONS:

"A" - INSTALL 20" x 5' FOUNDATION, 10" B.C., 1" ANCHOR RODS AS PER DRAWING NO. 565, 2' OFF FACE OF CURB, UNLESS NOTED OTHERWISE. BUILD FOUNDATIONS FLUSH WITH SIDEWALK SURFACE.

"B" - INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER.

MATCH LINE  
 STATION 575+35

MATCH LINE  
 STATION 581+95  
 SEE SHEET 04-006



NOT INCLUDED IN THIS CONTRACT

NOTES:

1. PROVIDE A CONDUIT STUB AT HANDHOLE EXTENDING TO ONE FOOT PAST THE LIMITS OF SIDEWALK REPLACEMENT. PROVIDE CONDUIT CAP FOR THE CONDUIT STUB. THE CONDUIT CAP WILL BE INCLUDED IN THE UNIT PRICE FOR THE CONDUIT OF SPLITTED TYPE AND DIAMETER. NO SEPARATE PAYMENT WILL BE MADE. SEE IDOT CONTRACT NOS. 62586 AND 62595 FOR LIMITS OF SIDEWALK REPLACEMENT.

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |

CITY OF CHICAGO  
 DEPT. OF STREETS AND SANITATION  
 BUREAU OF ELECTRICITY  
 DIVISION OF ELECTRICAL ENGINEERS

DRAWN BY: B. GARNSEY  
 CHECKED BY: ROBERT CARTER  
 ENGINEER: B. GARNSEY

DWG. NO. 04-005

SCALE: 1" = 30'  
 DATE: February 11, 2005

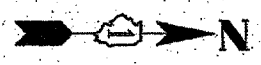
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
 59th St. TO 47th St. (FRONTAGE ROADS)

STREET LIGHTING  
 UNDERGROUND CONDUIT FACILITIES

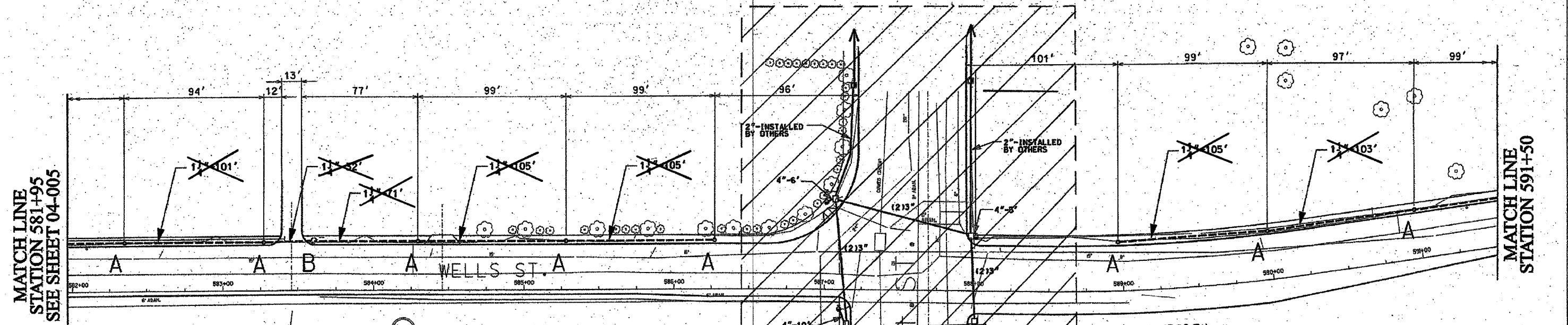
DRAWN BY: B.T.G.  
 CHECKED BY: O.L.

Revised Sheet 9/9/05

62806

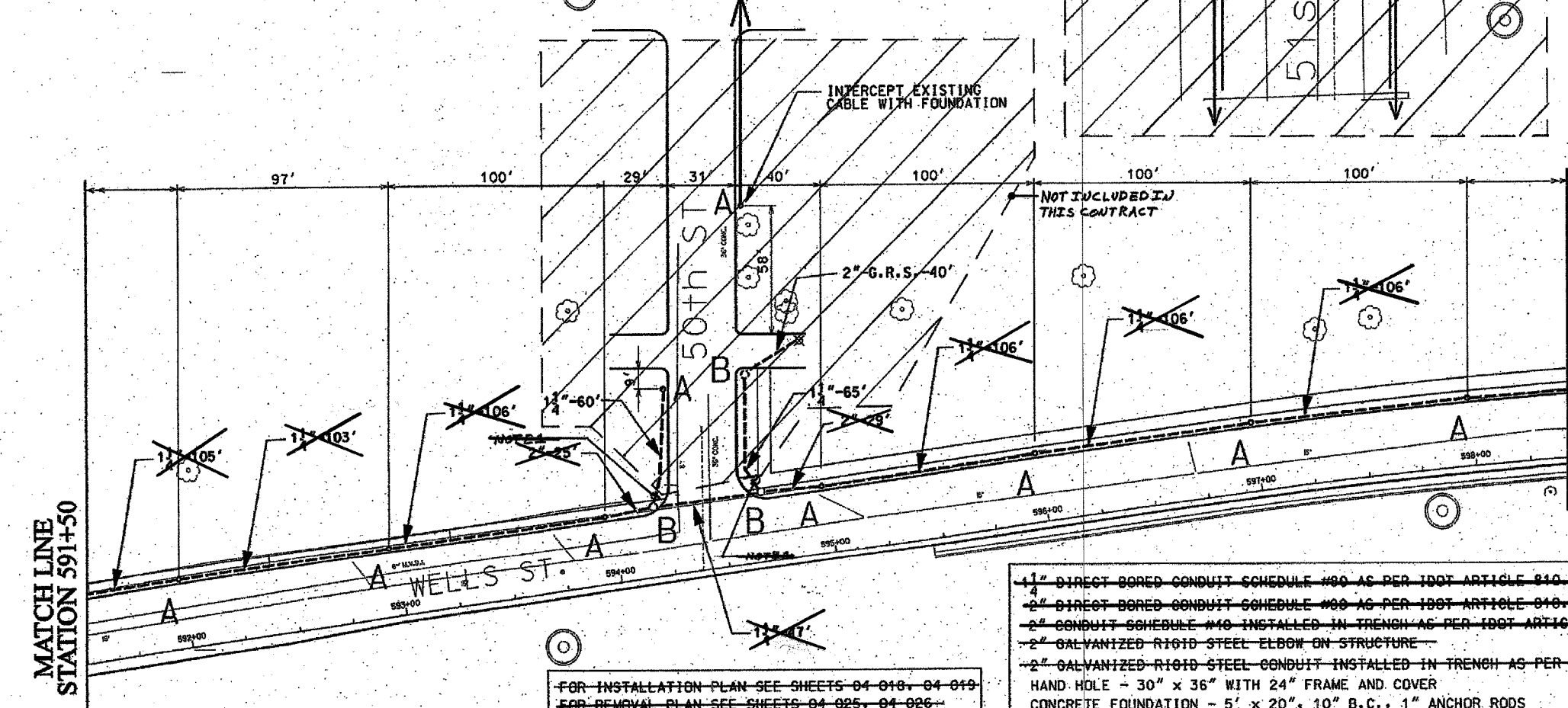


|                       |                |                  |              |          |
|-----------------------|----------------|------------------|--------------|----------|
| F. A. RYE             | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO |
| 90/94                 | *              | COOK             | 35           | 24       |
| STA. 591+00           | TO STA. 598+00 |                  |              |          |
| FED. ROAD DIST. NO. 1 | ILL. INDIS     | FED AID PROJECTS |              |          |
| * 2004-067L           |                |                  |              |          |



MATCH LINE  
STATION 581+95  
SEE SHEET 04-005

MATCH LINE  
STATION 591+50



MATCH LINE  
STATION 591+50

MATCH LINE  
STATION 598+40  
SEE SHEET 04-007

NOTES: CONTRACTOR IS TO INSTALL UNDERGROUND CONDUIT AND PULL ROPE BETWEEN FOUNDATIONS AS WELL AS PERFORM THE FOLLOWING WORK ITEMS ACCORDING TO BUREAU OF ELECTRICITY SPECIFICATIONS:  
 "A" - INSTALL 20" x 5' FOUNDATION, 10" B.C., 1" ANCHOR RODS AS PER DRAWING NO. 565, 2' OFF FACE OF CURB, UNLESS NOTED OTHERWISE. BUILD FOUNDATIONS FLUSH WITH SIDEWALK SURFACE.  
 "B" - INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER

NOTES:  
 PROVIDE A CONDUIT STUB A HANDHOLE EXTENDING TO ONE FOOT PAST THE LIMITS OF SIDEWALK REPLACEMENT. PROVIDE A CONDUIT CAP FOR THE CONDUIT STUBS. THE CONDUIT CAP SHALL BE INCLUDED IN THE UNIT PRICE FOR THE CONDUIT OF SPECIFIED SIZE AND DIAMETER. NO SEPERATE PRICE WILL BE MADE. SEE IDOT CONTRACT NOS. 6254 AND 62795 FOR LIMITS OF SIDEWALK REPLACEMENT.

- 1" DIRECT BORED CONDUIT SCHEDULE #00 AS PER IDOT ARTICLE 810.03
- 2" DIRECT BORED CONDUIT SCHEDULE #00 AS PER IDOT ARTICLE 810.03
- 2" CONDUIT SCHEDULE #10 INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03
- 2" GALVANIZED RIGID STEEL ELBOW ON STRUCTURE
- 2" GALVANIZED RIGID STEEL CONDUIT INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03
- HAND HOLE - 30" x 36" WITH 24" FRAME AND COVER
- CONCRETE FOUNDATION - 5' x 20", 10" B.C., 1" ANCHOR RODS

FOR INSTALLATION PLAN SEE SHEETS 04-018, 04-019  
 FOR REMOVAL PLAN SEE SHEETS 04-025, 04-026

CITY OF CHICAGO  
 DEPT. OF STREETS AND SANITATION  
 DIVISION OF ELECTRICITY ENGINEERING

|                            |                                  |                        |
|----------------------------|----------------------------------|------------------------|
| DRAFTSMAN<br>B. GARNSEY    | CHIEF DRAFTSMAN<br>ROBERT CARTER | ENGINEER<br>B. GARNSEY |
| SUPERVISING ENGINEER       | ELEC. DESIGN ENGR.               | DWG. NO.               |
| ENGINEER OF ELECTRICITY    |                                  | 04-006                 |
| GEN'L SUPT. OF ELECTRICITY |                                  |                        |
| DEPUTY COMMISSIONER        |                                  |                        |
| SIZE: 22"   36"            | SCALE: 1"=30'                    | DATE: 1/20/04          |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.L. 90/94 (DAN RYAN EXPRESSWAY)  
 57th St. TO 47th St. (FRONTAGE ROADS)

STREET LIGHTING  
 UNDERGROUND CONDUIT FACILITIES

SCALE: 1" = 30' DRAWN BY: B.T.G.  
 DATE: February 11, 2005 CHECKED BY: O.L.

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |

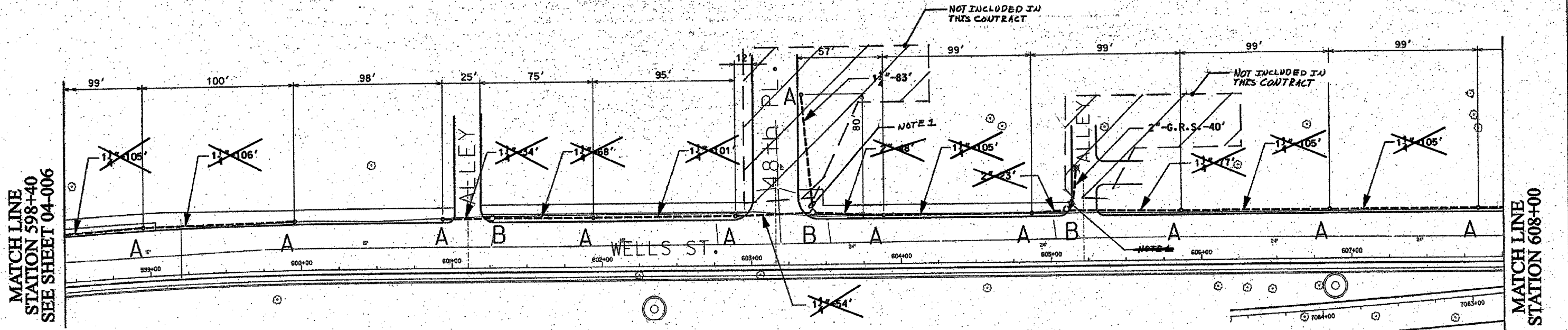
△ Revised sheet 9/9/05



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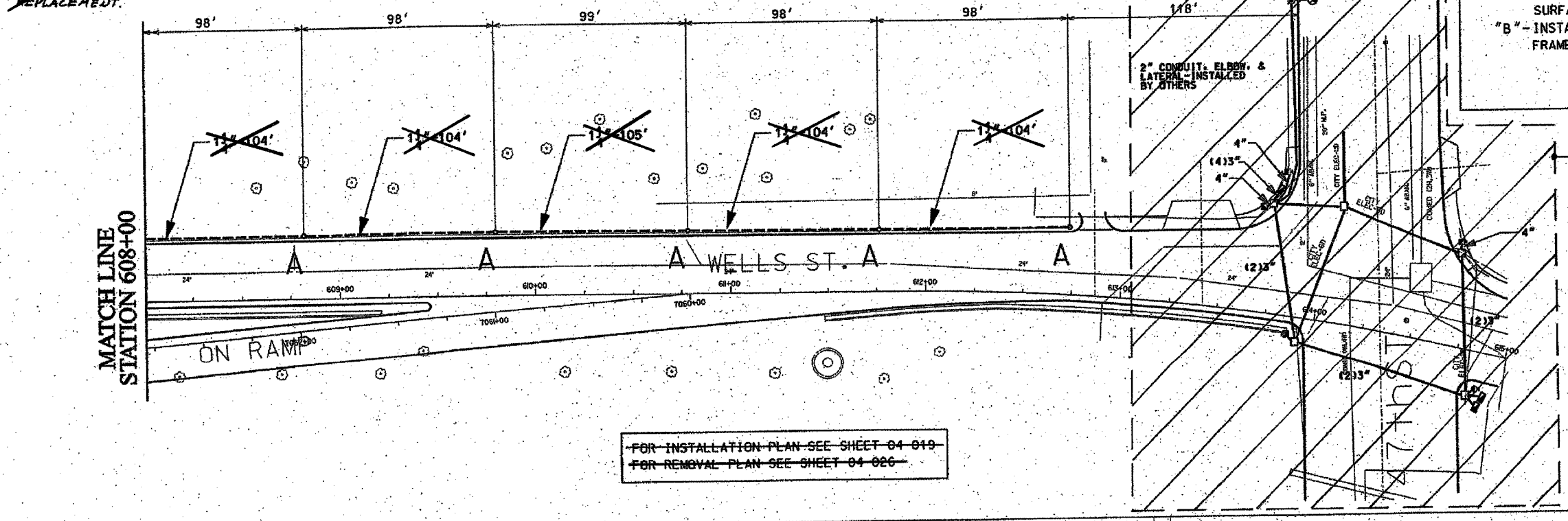
|                       |                |                  |              |           |
|-----------------------|----------------|------------------|--------------|-----------|
| PROJECT NO.           | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 90/94                 | *              | COOK             | 35           | 25        |
| STA. 598+40           | TO STA. 615+00 |                  |              |           |
| FED. ROAD DIST. NO. 1 | ILLINOIS       | FED AID PROJECTS |              |           |
| * 2004-067L           |                |                  |              |           |



NOTES:  
 PROVIDE A CONDUIT STUB AT HANDHOLE EXTENDING TO ONE FOOT PAST THE LIMITS OF SIDEWALK REPLACEMENT. PROVIDE A CONDUIT CAP FOR THE CONDUIT STUB. THE CONDUIT CAP WILL BE INCLUDED IN THE UNIT PRICE OF THE CONDUIT OF SPECIFIED TYPE AND DIAMETER. NO SEPARATE PAYMENT WILL BE MADE. SEE IDOT CONTRACT NOS. 62594 AND 62795 FOR LIMITS OF SIDEWALK REPLACEMENT.

- ~~1" DIRECT BORED CONDUIT SCHEDULE #80 AS PER IDOT ARTICLE 810.03~~
- ~~2" DIRECT BORED CONDUIT SCHEDULE #80 AS PER IDOT ARTICLE 810.03~~
- ~~2" CONDUIT SCHEDULE #40 INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03~~
- ~~2" GALVANIZED RIGID STEEL ELBOW ON STRUCTURE~~
- ~~2" GALVANIZED RIGID STEEL CONDUIT INSTALLED IN TRENCH AS PER IDOT ARTICLE 810.03~~
- HAND HOLE - 30" x 36" WITH 24" FRAME AND COVER
- CONCRETE FOUNDATION - 5' x 20", 10" B.C., 1" ANCHOR RODS

NOTES: CONTRACTOR IS TO ~~INSTALL UNDERGROUND CONDUIT AND PULL ROPE BETWEEN FOUNDATIONS AS WELL AS~~ PERFORM THE FOLLOWING WORK ITEMS ACCORDING TO BUREAU OF ELECTRICITY SPECIFICATIONS:  
 "A" - INSTALL 20" x 5' FOUNDATION, 10" B.C., 1" ANCHOR RODS AS PER DRAWING NO. 565, 2' OFF FACE OF CURB, UNLESS NOTED OTHERWISE. BUILD FOUNDATIONS FLUSH WITH SIDEWALK SURFACE.  
 "B" - INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER



FOR INSTALLATION PLAN SEE SHEET 04-019  
 FOR REMOVAL PLAN SEE SHEET 04-026

NOT INCLUDED IN THIS CONTRACT

CITY OF CHICAGO  
 DEPT. OF STREET AND SANITATION  
 BUREAU OF ELECTRICITY  
 DIVISION OF ELECTRICAL ENGINEERING

|  |                                  |                           |
|--|----------------------------------|---------------------------|
| DRAFTSMAN<br>B. GARNSEY  | CHIEF DRAFTSMAN<br>ROBERT CARTER | ENGINEER<br>B. GARNSEY    |
| SUPERVISING ENGINEER   | ELECT. DESIGN ENGR.              | DWG. NO.<br><b>04-007</b> |
| ENGINEER OF ELECTRICITY  |                                  |                           |
| DEPT. Supt. OF ELECTRICITY   |                                  |                           |
| DEPUTY COMMISSIONER  |                                  |                           |
| SIZE: 22" x 36"  | SCALE: 1"=30'                    | DATE: 1/20/04             |
| ILLINOIS DEPARTMENT OF TRANSPORTATION<br>F.A.I. 90/94 (DAN RYAN EXPRESSWAY)<br>57th St. TO 47th St. (FRONTAGE ROADS) |                                  |                           |
| STREET LIGHTING<br>UNDERGROUND CONDUIT FACILITIES  |                                  |                           |
| SCALE: 1" = 30'  |                                  | DRAWN BY: B.T.G.          |
| DATE: February 11, 2005  |                                  | CHECKED BY: O.L.          |

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |

Revised sheet 9/9/05