

| F.A.I. RTE.           | SECTION     | COUNTY       | TOTAL SHEETS     | SHEET NO. |
|-----------------------|-------------|--------------|------------------|-----------|
| 90/94                 | 2007-056 SG | COOK         | 30               | 2         |
| STA. 28+00            |             | TO STA.35+00 |                  |           |
| FED. ROAD DIST. NO. 1 |             | ILLINOIS     | FED. AID PROJECT |           |

**INDEX OF SHEETS**

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- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
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- 5 ALIGNMENT, TIES, AND BENCHMARKS
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- 12-24 SIGNING PLANS
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- 27 FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAIL (TC-8)
- 28-29 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)
- 30 TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES (TC-17)

**GENERAL NOTES**

1. EARTH EXCAVATION, FURNISHED EXCAVATION AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM OF WORK FOR WHICH IT IS REQUIRED.
2. TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE AS SPECIFIED.
3. OVERHEAD STRUCTURES HAVE NOT BE SHOWN FOR PLAN CLARITY. THE CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT IS CAPABLE OF OPERATING AT THE SITE PRIOR TO BIDDING.
4. PRIOR TO REMOVAL, CURB AND GUTTER AND PAVEMENT TO BE REMOVED SHALL BE SAW CUT ALONG ANY EDGE WHERE EXISTING PAVEMENT OR CURB AND GUTTER SHALL REMAIN. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE APPROPRIATE ITEM OF REMOVAL.
5. BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. THE COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE OF THE TYPE SPECIFIED.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

| MIXTURE TYPE  | AC TYPE   | AIR VOIDS    |
|---|-----------|--------------|
| HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 4" | PG 64-22  | 4% @ 50 Gyr. |
| HMA SHOULDER (HMA BINDER IL-19mm); 14"                      | PG 64-22* | 4% @ 70 Gyr. |
| HMA SHOULDER (HMA BINDER IL-19MM); 6"                       | PG 64-22* | 4% @ 70 Gyr. |

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

**HIGHWAY STANDARDS**

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-01 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 606001-03 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 630001-07 STEEL PLATE BEAM GUARDRAIL
- 630301-04 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-06 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001 DELINEATORS
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 701400-02 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-04 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-06 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701411-04 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
- 701446 TWO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701901 TRAFFIC CONTROL DEVICES
- 704001-04 TEMPORARY CONCRETE BARRIER
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

PLAN

DATE \_\_\_\_\_ BY \_\_\_\_\_

SURVEYED \_\_\_\_\_

ALIGNED \_\_\_\_\_

CHECKED \_\_\_\_\_

RT. OF WAY CHECKED \_\_\_\_\_

PAID FILE NAME \_\_\_\_\_

NOTE BOOK NO. \_\_\_\_\_

PROFILE

DATE \_\_\_\_\_ BY \_\_\_\_\_

SURVEYED \_\_\_\_\_

GRADES CHECKED \_\_\_\_\_

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STRUCTURE NOTATIONS "CHD" \_\_\_\_\_

NOTE BOOK NO. \_\_\_\_\_

| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INDEX OF SHEETS, LIST OF ILLINOIS  
 DOT HIGHWAY STANDARDS, GENERAL  
 NOTES, COMMITMENTS  
 1-90/94 (KENNEDY EXPRESSWAY)

SCALE: VERT. 1:20  
 HORIZ. 1:20  
 DATE 10/31/07  
 DRAWN BY: DLZ  
 CHECKED BY: GB

Rev. 1-3-08



|                       |             |                           |              |           |
|-----------------------|-------------|---------------------------|--------------|-----------|
| F.A.I. RTE.           | SECTION     | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 90/94                 | 2007-056 SG | COOK                      | 30           | 3         |
| STA.                  |             | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 1 |             | ILLINOIS FED. AID PROJECT |              |           |

100% STATE

| CODE #                | ITEM   | UNIT              | TOTAL QUANTITY   | CONSTRUCTION TYPE CODE |
|-----------------------|--|-------------------|------------------|------------------------|
| 21101615              | TOPSOIL FURNISH AND PLACE, 4"                              | SQ YD             | 203              | 203                    |
| 25000210              | SEEDING, CLASS 2A  | ACRE              | 0.25             | 0.25                   |
| 25000400              | NITROGEN FERTILIZER NUTRIENT                               | POUND             | 23               | 23                     |
| 25000500              | PHOSPHORUS FERTILIZER NUTRIENT                             | POUND             | 23               | 23                     |
| 25000600              | POTASSIUM FERTILIZER NUTRIENT                              | POUND             | 23               | 23                     |
| 25100630              | EROSION CONTROL BLANKET                                    | SQ YD             | 203              | 203                    |
| 40603310              | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50               | TON               | 3                | 3                      |
| 44000500              | COMBINATION CURB AND GUTTER REMOVAL                        | FOOT              | 215              | 215                    |
| 44004250              | PAVED SHOULDER REMOVAL                                     | SQ YD             | 146              | 146                    |
| 48203021              | HOT-MIX ASPHALT SHOULDERS, 6"                              | SQ YD             | 51               | 51                     |
| 48203053              | HOT-MIX ASPHALT SHOULDERS, 14"                             | SQ YD             | 60               | 60                     |
| 60250200              | CATCH BASINS TO BE ADJUSTED                                | EACH              | 1                | 1                      |
| * 63000005            | STEEL PLATE BEAM GUARD RAIL, TYPE B                        | FOOT              | 50               | 50                     |
| * 63100085            | TRAFFIC BARRIER TERMINAL, TYPE 6                           | EACH              | 1                | 1                      |
| * 63100167            | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT         | EACH              | 1                | 1                      |
| 67000400              | ENGINEER'S FIELD OFFICE, TYPE A                            | CAL MO            | 3                | 3                      |
| 67100100              | MOBILIZATION   | L SUM             | 1                | 1                      |
| <del>70300520</del>   | <del>PAVEMENT MARKING TAPE, TYPE III 4"</del>              | <del>FOOT</del>   | <del>2668</del>  | <del>2668</del>        |
| <del>70300550</del>   | <del>PAVEMENT MARKING TAPE, TYPE III 8"</del>              | <del>FOOT</del>   | <del>917</del>   | <del>917</del>         |
| <del>70301000</del>   | <del>WORK ZONE PAVEMENT MARKING REMOVAL</del>              | <del>SQ FT</del>  | <del>611</del>   | <del>611</del>         |
| <del>70400200</del>   | <del>RELOCATE TEMPORARY CONCRETE BARRIER</del>             | <del>FOOT</del>   | <del>325</del>   | <del>325</del>         |
| <del>70400100</del>   | <del>TEMPORARY CONCRETE BARRIER</del>                      | <del>FOOT</del>   | <del>412.5</del> | <del>412.5</del>       |
| 70400210              | RELOCATE TEMPORARY CONCRETE BARRIER, SPECIAL               | FOOT              | 20               | 20                     |
| 72000300              | SIGN PANEL - TYPE 3  | SQ FT             | 885              | 885                    |
| 73300300              | OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0") | FOOT              | 100              | 100                    |
| 73400200              | DRILLED SHAFT CONCRETE FOUNDATIONS                         | CU YD             | 49.1             | 49.1                   |
| * 78000200            | THERMOPLASTIC PAVEMENT MARKING - LINE 4"                   | FOOT              | 545              | 545                    |
| * <del>78000500</del> | <del>THERMOPLASTIC PAVEMENT MARKING - LINE 8"</del>        | <del>FOOT</del>   | <del>1002</del>  | <del>1002</del>        |
| * 78003120            | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"       | FOOT              | 250              | 250                    |
| * <del>78000600</del> | <del>THERMOPLASTIC PAVEMENT MARKING - LINE 12"</del>       | <del>FOOT</del>   | <del>212</del>   | <del>212</del>         |
| * <del>78100100</del> | <del>RAISED REFLECTIVE PAVEMENT MARKER</del>               | <del>EACH</del>   | <del>38</del>    | <del>38</del>          |
| * <del>78100300</del> | <del>REPLACEMENT REFLECTOR</del>                           | <del>EACH</del>   | <del>65</del>    | <del>65</del>          |
| * 78200410            | GUARDRAIL MARKERS, TYPE A                                  | EACH              | 4                | 4                      |
| * 78200500            | BARRIER WALL MARKERS                                       | EACH              | 156              | 156                    |
| * 78201000            | TERMINAL MARKER - DIRECT APPLIED                           | EACH              | 1                | 1                      |
| 78300100              | PAVEMENT MARKING REMOVAL                                   | SQ FT             | 1483             | 1483                   |
| 78300200              | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL                  | EACH              | 65               | 65                     |
| <del>89400200</del>   | <del>ELECTRIC UTILITY SERVICE CONNECTION</del>             | <del>L SUM</del>  | <del>1</del>     | <del>1</del>           |
| <del>X0322256</del>   | <del>TEMPORARY INFORMATION SIGNING</del>                   | <del>SQ FT</del>  | <del>36</del>    | <del>36</del>          |
| X0325349              | TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)         | FOOT              | 237.5            | 237.5                  |
| X6060003              | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.18          | FOOT              | 20               | 20                     |
| X6063600              | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24          | FOOT              | 195              | 195                    |
| X7011015              | TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)               | L SUM             | 1                | 1                      |
| <del>X7013820</del>   | <del>TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS</del>       | <del>CAL DA</del> | <del>15</del>    | <del>15</del>          |
| X7330105              | OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A                    | FOOT              | 94.3             | 94.3                   |
| <del>X8040100</del>   | <del>ELECTRIC CONNECTION TO SIGN STRUCTURE</del>           | <del>EACH</del>   | <del>1</del>     | <del>1</del>           |
| <del>X8210055</del>   | <del>FLUORESCENT LUMINAIRE FOR SIGN LIGHTING</del>         | <del>EACH</del>   | <del>12</del>    | <del>12</del>          |
| Z0001050              | AGGREGATE SUBGRADE 12"                                     | SQ YD             | 144              | 144                    |
| Z0013798              | CONSTRUCTION LAYOUT  | L SUM             | 1                | 1                      |

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| PLAN          | SURVEYED | DATE |
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△ Rev. 1-3-08  
 \* SPECIALTY ITEMS

| REVISIONS |      | ILLINOIS DEPARTMENT OF TRANSPORTATION                 |
|-----------|------|---|
| NAME      | DATE |   |
|           |      | SUMMARY OF QUANTITIES<br>I-90/94 (KENNEDY EXPRESSWAY) |
|           |      |   |
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SCALE: VERT. 1:20  
 HORIZ. 1:20  
 DATE 10/31/07

DRAWN BY: DLZ  
 CHECKED BY: GB

| F.A.I. RTE.           | SECTION     | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|---------------------------|--------------|-----------|
| 90/94                 | 2007-056 SG | COOK                      | 30           | 4         |
| STA.                  |             | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 1 |             | ILLINOIS FED. AID PROJECT |              |           |

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70300550 PAVEMENT MARKING TAPE, TYPE III 8"

| FOOT | LOCATION                   |
|------|----------------------------|
| 223  | STA 29+31.3 TO STA 31+52.4 |
| 347  | STA 29+31.3 TO STA 32+75.7 |
| 347  | STA 29+31.3 TO STA 32+75.7 |
| 917  | TOTAL                      |

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

| SQ FT | LOCATION                      |
|-------|-------------------------------|
| 149   | STA 29+31.3 TO STA 31+52.4 8" |
| 231   | STA 29+31.3 TO STA 32+75.7 8" |
| 231   | STA 29+31.3 TO STA 32+75.7 8" |
| 611   | TOTAL                         |

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

| FOOT | LOCATION                                   |
|------|--|
| 248  | STA 31+65.6 TO STA 34+13.4                 |
| 29   | STA 36+93.2 TO STA 38+10.0 2' DASH/6' SKIP |
| 268  | STA 40+92.1 TO STA 43+59.6                 |
| 545  | TOTAL                                      |

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

| FOOT | LOCATION                   |
|------|----------------------------|
| 266  | STA 29+31.3 TO STA 31+95.5 |
| 43   | STA 31+52.4 TO STA 31+95.5 |
| 346  | STA 29+31.3 TO STA 32+75.7 |
| 347  | STA 29+31.3 TO STA 32+75.7 |
| 1002 | TOTAL                      |

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

| FOOT | LOCATION                 |
|------|--------------------------|
| 43   | STA 29+67.1 GORE MARKING |
| 40   | STA 29+95.7 GORE MARKING |
| 36   | STA 30+24.2 GORE MARKING |
| 31   | STA 30+52.8 GORE MARKING |
| 25   | STA 30+81.3 GORE MARKING |
| 19   | STA 31+09.8 GORE MARKING |
| 12   | STA 31+38.4 GORE MARKING |
| 6    | STA 31+66.9 GORE MARKING |
| 212  | TOTAL                    |

78003120 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"

| FOOT | LOCATION                                     |
|------|--|
| 250  | STA 36+42.7 TO STA 46+57.1 10' DASH/30' SKIP |
| 250  | TOTAL  |

78300100 PAVEMENT MARKING REMOVAL

| SQ FT | LOCATION  |
|-------|---|
| 13    | STA 31+65.6 TO STA 33+16.7 2' DASH/6' SKIP 4"   |
| 64    | STA 33+16.7 TO STA 34+13.4 8"                   |
| 106   | STA 36+42.7 TO STA 46+57.1 10' DASH/30' SKIP 5" |
| 10    | STA 36+93.2 TO STA 38+10 2' DASH/6' SKIP 4"     |
| 13    | STA 40+92.1 TO STA 42+47.4 2' DASH/6' SKIP 4"   |
| 75    | STA 42+47.4 TO STA 43+59.6 8"                   |
| 82    | STA 31+65.6 TO STA 34+11.8 4"                   |
| 65    | STA 33+16.7 TO STA 34+13.9 8"                   |
| 3     | STA 33+41.2 GORE MARKING 12"                    |
| 6     | STA 33+71.8 GORE MARKING 12"                    |
| 10    | STA 34+02.3 GORE MARKING 12"                    |
| 81    | STA 40+92.1 TO STA 43+33.2 4"                   |
| 57    | STA 42+47.4 TO STA 43+33.4 8"                   |
| 2     | STA 42+61.9 GORE MARKING 12"                    |
| 6     | STA 42+91.7 GORE MARKING 12"                    |
| 10    | STA 43+21.9 GORE MARKING 12"                    |
| 177   | STA 29+31.3 TO STA 31+95.5 8"                   |
| 29    | STA 31+52.4 TO STA 31+95.5 8"                   |
| 231   | STA 29+31.3 TO STA 32+75.7 8"                   |
| 231   | STA 29+31.3 TO STA 32+75.7 8"                   |
| 43    | STA 29+67.1 GORE MARKING 12"                    |
| 40    | STA 29+95.7 GORE MARKING 12"                    |
| 36    | STA 30+24.2 GORE MARKING 12"                    |
| 31    | STA 30+52.8 GORE MARKING 12"                    |
| 25    | STA 30+81.3 GORE MARKING 12"                    |
| 19    | STA 31+09.8 GORE MARKING 12"                    |
| 12    | STA 31+38.4 GORE MARKING 12"                    |
| 6     | STA 31+66.9 GORE MARKING 12"                    |
| 1483  | TOTAL   |



1 ADDENDUM 1 - 1-3-08

| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 I-90/94 (KENNEDY EXPRESSWAY)  
 SCALE: VERT. 1:20  
 HORIZ. 1:20  
 DATE 10/31/07  
 DRAWN BY: DLZ  
 CHECKED BY: GB



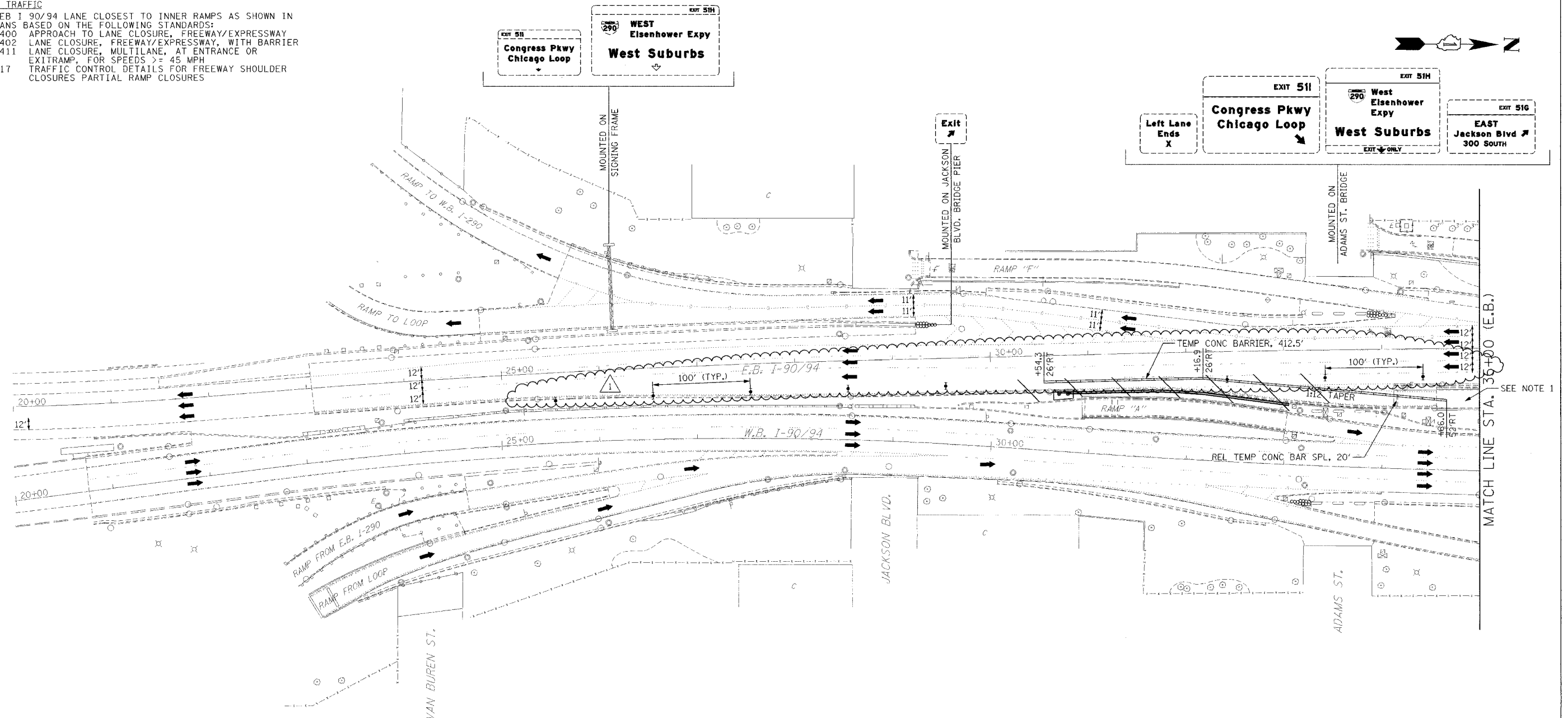
| F.A.I. RTE.         | SECTION     | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|-------------|---------------------------|--------------|-----------|
| 90/94               | 2007-056 5G | COOK                      | 30           | 8         |
| STA. 20+00          |             | TO STA. 35+00             |              |           |
| FED. ROAD DIST. NO. |             | ILLINOIS FED. AID PROJECT |              |           |

**STAGE 1 CONSTRUCTION**  
 CONSTRUCT SIGNING FRAME FOUNDATION LOCATED IN MEDIAN BETWEEN EASTBOUND I-90/94 AND WESTBOUND I-90/94 AND PLACE TEMPORARY CONCRETE BARRIER.

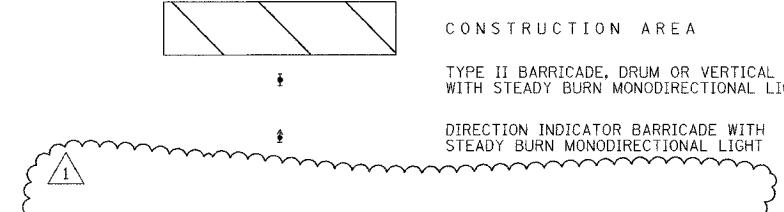
**STAGE 1 TRAFFIC**  
 CLOSE EB I 90/94 LANE CLOSEST TO INNER RAMP AS SHOWN IN THE PLANS BASED ON THE FOLLOWING STANDARDS:  
 701400 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY  
 701402 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER  
 701411 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXITRAMP, FOR SPEEDS >= 45 MPH  
 TC-17 TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES

| PLAN        | DATE | BY |
|-------------|------|----|
| REVISIONS   |      |    |
| 1. PLOTTED  |      |    |
| 2. CHECKED  |      |    |
| 3. APPROVED |      |    |
| 4. FILED    |      |    |

| PROFILE     | DATE | BY |
|-------------|------|----|
| REVISIONS   |      |    |
| 1. PLOTTED  |      |    |
| 2. CHECKED  |      |    |
| 3. APPROVED |      |    |
| 4. FILED    |      |    |



**NOTES:**  
 1. THE ELEVATED PORTION OF RAMP 'C' HAS ALREADY BEEN REMOVED AND THE RETAINED EARTH PORTION IS ALL THAT REMAINS.



1 ADDENDUM 1 - 1-3-08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
 I-90/94 KENNEDY EXPRESSWAY  
 STAGE 1  
 STA. 20+00 TO STA. 35+00  
 SCALE : 1" = 50'  
 DATE : 10/31/07  
 DRAWN BY : DLZ  
 CHECKED BY : GB

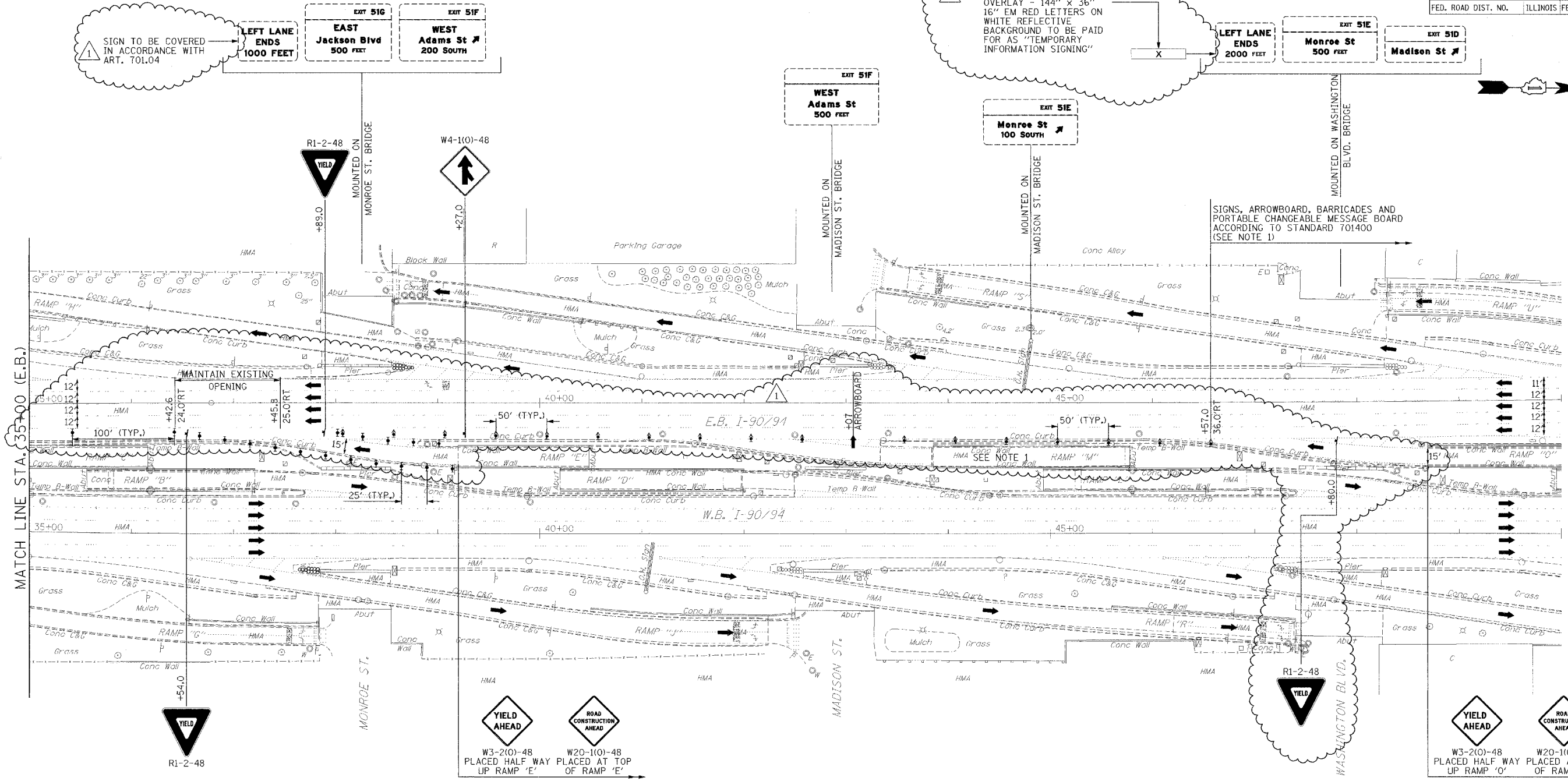
| F.A.I. RTE.         | SECTION                   | COUNTY        | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------------------|---------------|--------------|-----------|
| 90/94               | 2007-056 56               | COOK          | 30           | 9         |
| STA. 35+00          |                           | TO STA. 50+00 |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |               |              |           |

SIGN TO BE COVERED IN ACCORDANCE WITH ART. 701.04

OVERLAY - 144" x 36" 16" EM RED LETTERS ON WHITE REFLECTIVE BACKGROUND TO BE PAID FOR AS "TEMPORARY INFORMATION SIGNING"

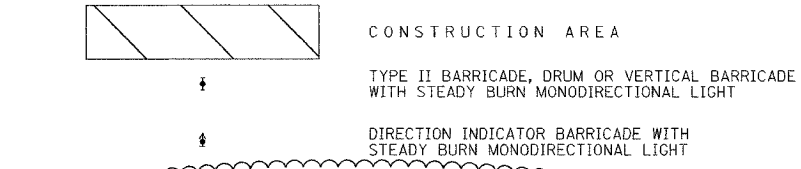
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SIGNS, ARROWBOARD, BARRICADES AND PORTABLE CHANGEABLE MESSAGE BOARD ACCORDING TO STANDARD 701400 (SEE NOTE 1)

NOTES:  
 1. THE ELEVATED PORTION OF RAMP 'M' HAS ALREADY BEEN REMOVED AND THE RETAINED EARTH PORTION IS ALL THAT REMAINS.



ADDENDUM 1 - 1-3-08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
 I-90/94 KENNEDY EXPRESSWAY  
 STAGE 1  
 STA. 35+00 TO STA. 50+00  
 SCALE: 1" = 50'  
 DATE: 10/31/07  
 DRAWN BY: DLZ  
 CHECKED BY: GB

| F.A.I. RTE.         | SECTION                   | COUNTY        | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------------------|---------------|--------------|-----------|
| 90/94               | 2007-056 5G               | COOK          | 30           | 10        |
| STA. 20+00          |                           | TO STA. 35+00 |              |           |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |               |              |           |

**STAGE 2 CONSTRUCTION**

CONSTRUCT LEFT SIDE OF SIGNING FRAME FOUNDATION, CURB AND GUTTER AND GUARDRAIL.

**STAGE 2 TRAFFIC**

USE DISTRICT STANDARD TC-17, TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES TO CONSTRUCT LEFT SIDE OF SIGNING FRAME, CURB AND GUTTER AND GUARDRAIL.

THE ENGINEER SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL FOR THE CLOSING OF ALL LANES OF I-90/94 IN ACCORDANCE WITH THE SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) TO INSTALL OVERHEAD PORTION OF SIGNING FRAME.

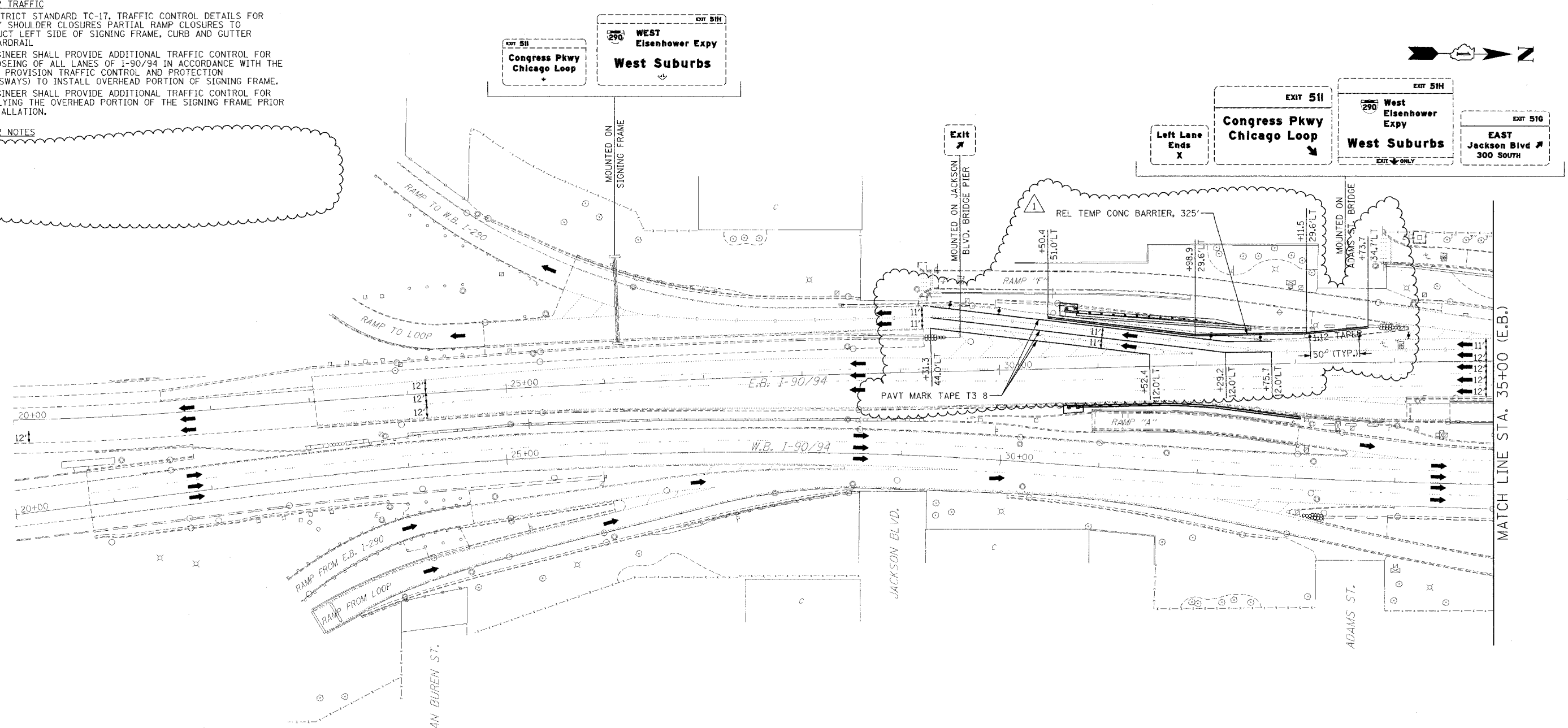
THE ENGINEER SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL FOR ASSEMBLING THE OVERHEAD PORTION OF THE SIGNING FRAME PRIOR TO INSTALLATION.

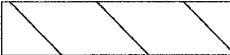


**STAGE 2 NOTES**

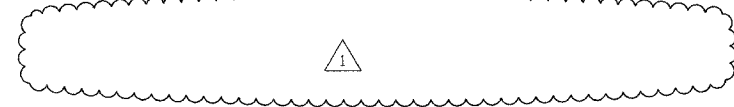
1

| PLAN | DATE | BY | REVISIONS |
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| PROFILE | DATE | BY | REVISIONS |
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-  CONSTRUCTION AREA
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT



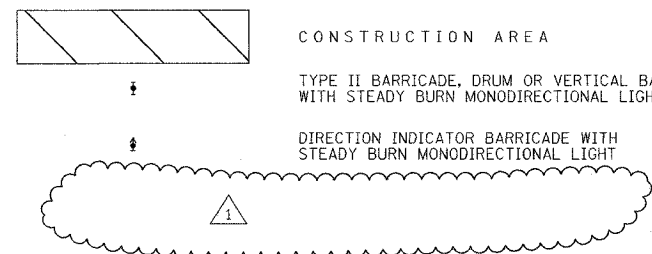
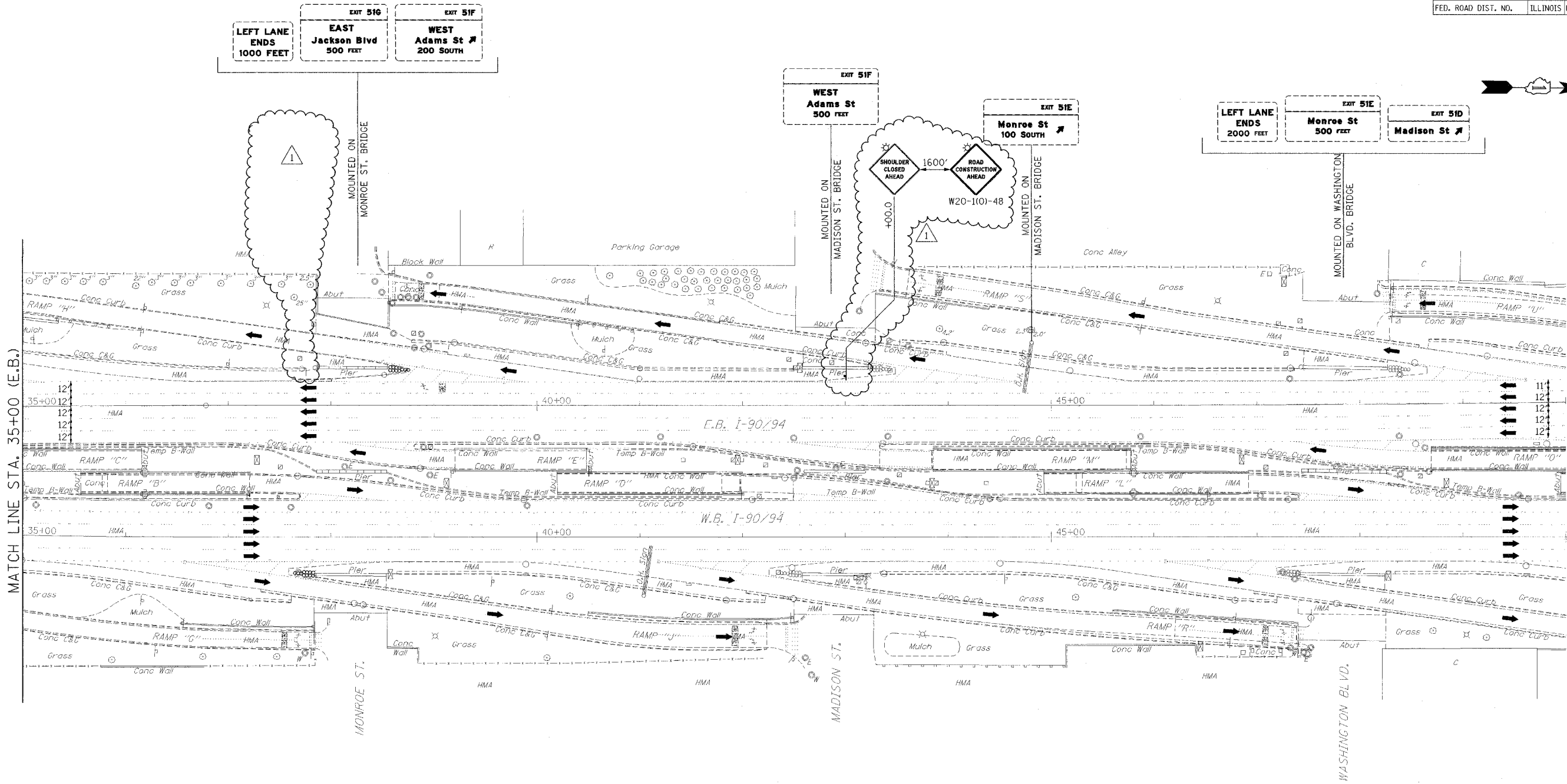
1 ADDENDUM 1 - 1-3-08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
 I-90/94 KENNEDY EXPRESSWAY  
 STAGE 2  
 STA. 20+00 TO STA. 35+00  
 SCALE : 1" = 50'  
 DATE : 10/31/07  
 DRAWN BY : DLZ  
 CHECKED BY : GB

| F.A.I. RTE.         | SECTION     | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|-------------|---------------------------|--------------|-----------|
| 90/94               | 2007-056 SG | COOK                      | 30           | 11        |
| STA. 35+00          |             | TO STA. 50+00             |              |           |
| FED. ROAD DIST. NO. |             | ILLINOIS FED. AID PROJECT |              |           |

|             |      |    |
|-------------|------|----|
| PLAN        | DATE | BY |
| REVISION    |      |    |
| NO.         |      |    |
| DESCRIPTION |      |    |
| DATE        |      |    |
| BY          |      |    |
| CHECKED     |      |    |
| DATE        |      |    |
| BY          |      |    |

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|-------------|------|----|
| PROFILE     | DATE | BY |
| REVISION    |      |    |
| NO.         |      |    |
| DESCRIPTION |      |    |
| DATE        |      |    |
| BY          |      |    |
| CHECKED     |      |    |
| DATE        |      |    |
| BY          |      |    |



1 ADDENDUM 1 - 1-3-08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC**  
 I-90/94 KENNEDY EXPRESSWAY  
 STAGE 2  
 STA. 35+00 TO STA. 50+00  
 SCALE : 1" = 50'  
 DATE : 10/31/07  
 DRAWN BY : DLZ  
 CHECKED BY : GB

| F.A.I. RTE.         | SECTION     | COUNTY   | TOTAL SHEETS     | SHEET NO. |
|---------------------|-------------|----------|------------------|-----------|
| *                   | 2007-056 SG | COOK     | 30               | 12        |
| STA.                |             | TO STA.  |                  |           |
| FED. ROAD DIST. NO. |             | ILLINOIS | FED. AID PROJECT |           |
| * 90/94             |             |          |                  |           |

**SIGN DETAIL**

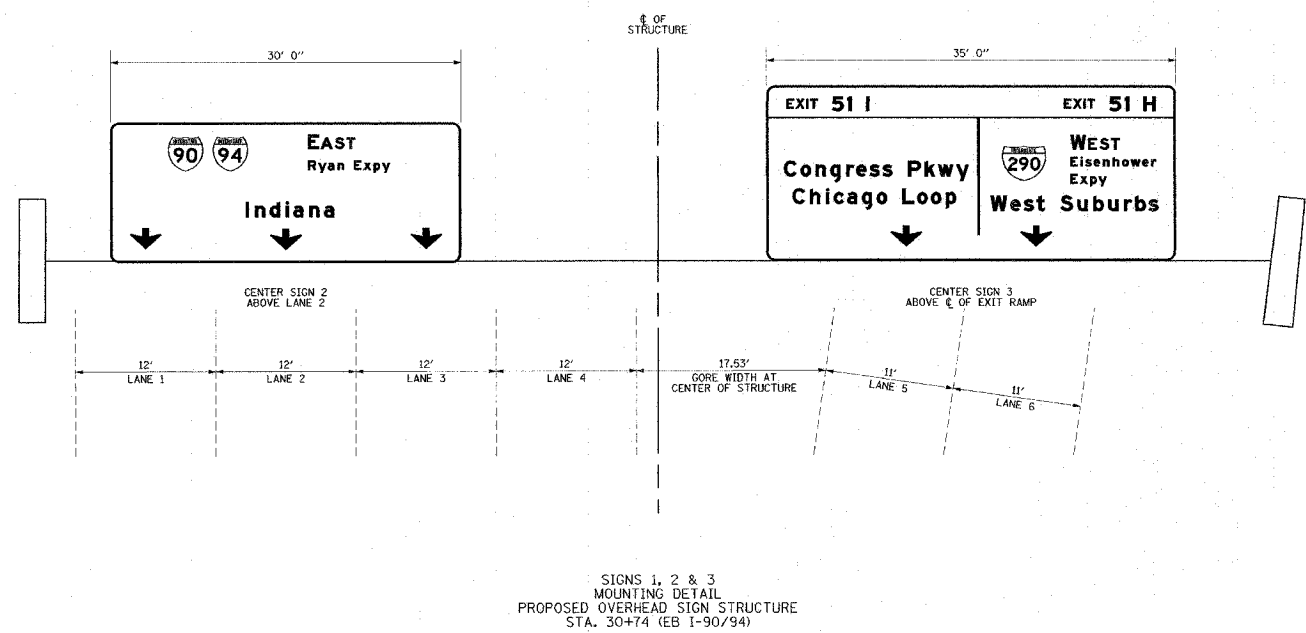
Dimensions are in inches, tenths. Letter locations are panel edge to lower left corner.

| SYMBOL | X   | Y    | WID | HT |
|--------|-----|------|-----|----|
| ARDOWN | 20  | 14   | 32  | 22 |
| MI_1   | 59  | 98.5 | 36  | 36 |
| MI_1   | 105 | 98.5 | 36  | 36 |
| ARDOWN | 164 | 13   | 32  | 22 |
| ARDOWN | 308 | 14   | 32  | 22 |

**SIGN DETAIL**

Dimensions are in inches, tenths. Letter locations are panel edge to lower left corner.

| SYMBOL   | X     | Y    | WID | HT |
|----------|-------|------|-----|----|
| EM0,EM15 | 127.4 | 14   | 32  | 22 |
| MI_1     | 241.7 | 81.5 | 45  | 36 |
| ARDOWN   | 260.6 | 14   | 32  | 22 |



| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

**SIGN PANEL MOUNTING DETAIL**

I-90/94 (KENNEDY EXPRESSWAY)

SCALE: VERT. N.T.S.  
HORIZ. N.T.S.  
DATE: 2/24/06

DRAWN BY: DLZ  
CHECKED BY: GB

1 ADDENDUM 1 - 1-3-08





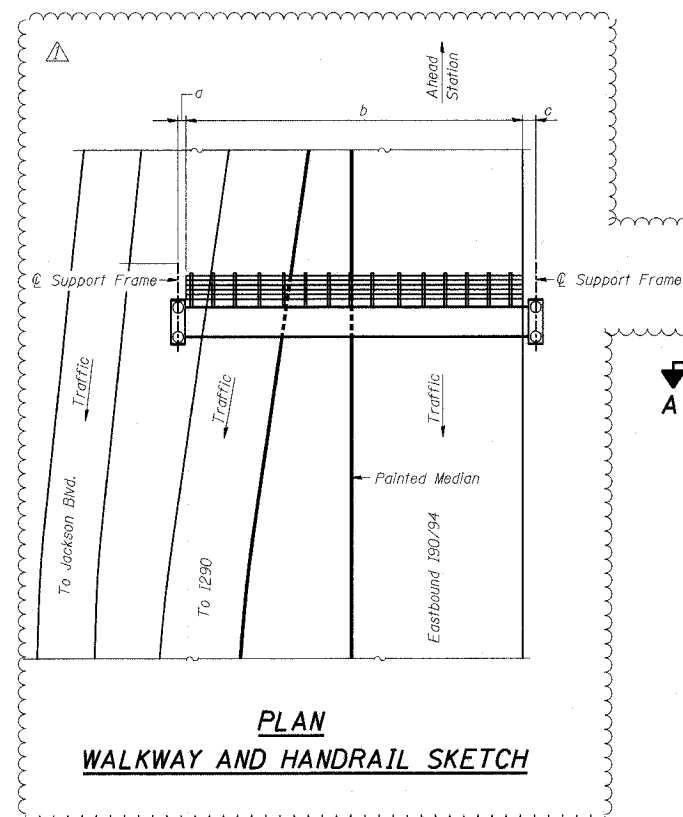
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                       |             |                  |              |           |
|-----------------------|-------------|------------------|--------------|-----------|
| ROUTE NO.             | SECTION     | COUNTY           | TOTAL SHEETS | SHEET NO. |
| FAI 90/94             | 2007-056 SG | COOK             | 30           | 19        |
| FED. ROAD DIST. NO. 1 | ILLINOIS    | FED. AID PROJECT |              |           |

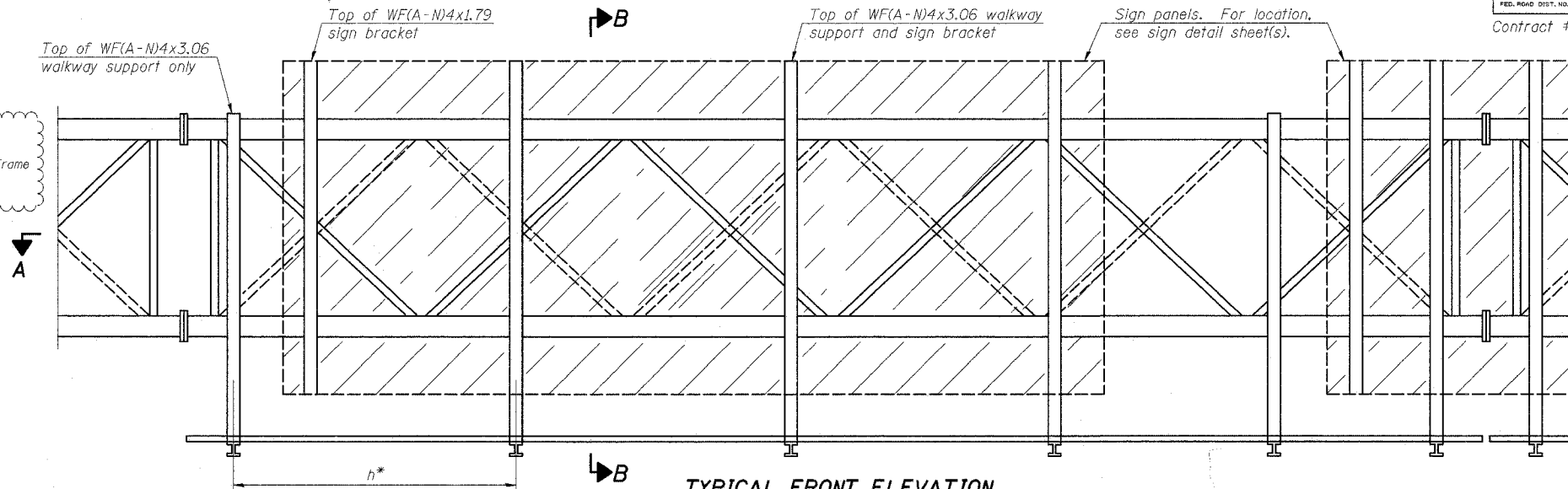
SHEET NO. 7

12 SHEETS

Contract # 60D49

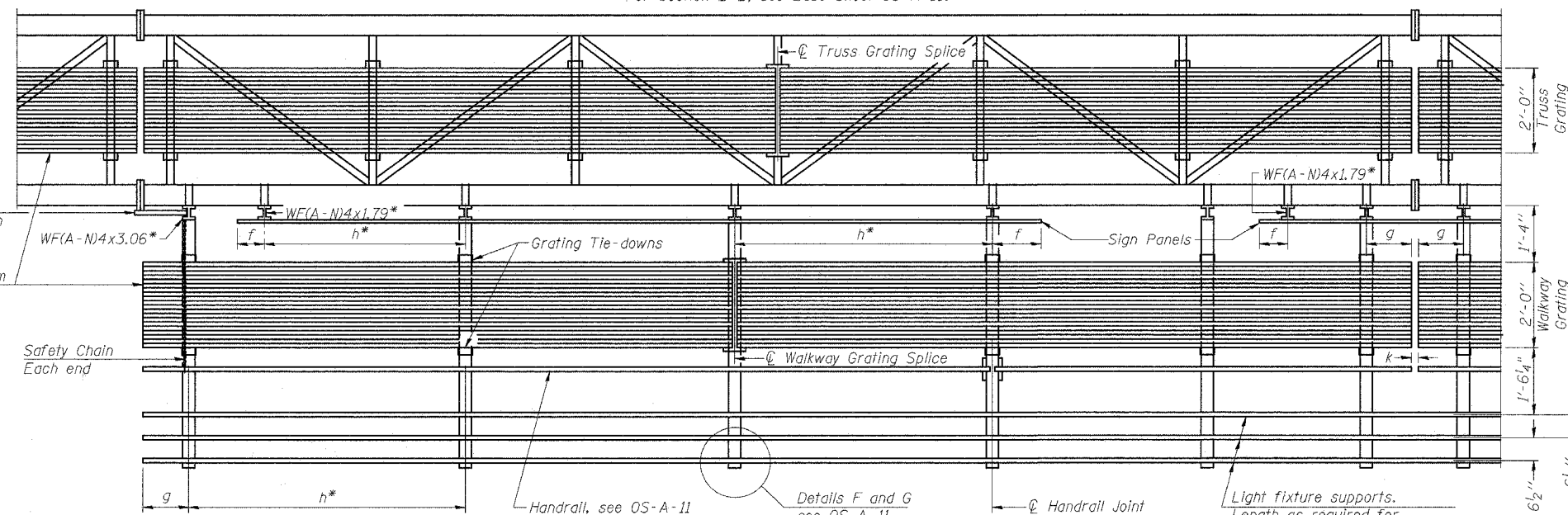


**PLAN  
WALKWAY AND HANDRAIL SKETCH**



**TYPICAL FRONT ELEVATION**

With lights and handrail omitted for clarity.  
For Section B-B, see Base Sheet OS-A-10.



**SECTION A-A**

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints.  
Place all sign and walkway brackets as close to panel points as practical.  
Handrail joints, grating, and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses.  
Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary ±1/2" based on available standard widths.

**BRACKET TABLE**

| Sign Width   |                       | Number Brackets Required |
|--------------|-----------------------|--------------------------|
| Greater Than | Less Than or Equal To |                          |
|              | 8'-0"                 | 2                        |
| 8'-0"        | 14'-0"                | 3                        |
| 14'-0"       | 20'-0"                | 4                        |
| 20'-0"       | 26'-0"                | 5                        |
| 26'-0"       | 32'-0"                | 6                        |

**Notes:**

\* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)

g = 12" maximum, 4" minimum (End of walkway grating to center of nearest support bracket)

h = 6'-0" maximum (center to center of sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)

k = 2" maximum gap between adjacent walkway grating sections and handrail ends

\*\* If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.  
For Handrail Details see Base Sheet OS-A-11.

| Structure Number | Station  | a      | b       | c      | d | e | Walkway Grating and Handrail Lengths |
|------------------|----------|--------|---------|--------|---|---|--------------------------------------|
| ISO161094L051.5  | 30+74.00 | ±2'-3" | ±94'-3" | ±3'-6" | - | - | ±94'-3"                              |
|                  |          |        |         |        |   |   |                                      |
|                  |          |        |         |        |   |   |                                      |
|                  |          |        |         |        |   |   |                                      |
|                  |          |        |         |        |   |   |                                      |

**OVERHEAD SIGN STRUCTURES  
ALUMINUM WALKWAY DETAILS**

**I-90/94 KENNEDY EXPRESSWAY  
(HUBBARDS CAVE TO I-290)  
STATION 30+74.00 (I90/94)  
COOK COUNTY  
STRUCTURE NUMBER ISO161094L051.5**

|                |                                    |
|----------------|------------------------------------|
| DESIGNED - ASP | 200                                |
| CHECKED - RLP  | EXAMINED                           |
| DRAWN - BEM    | PASSED                             |
| CHECKED - ASP  | ENGINEER OF BRIDGES AND STRUCTURES |

OS-A-9

6/01/2007

| NUMBER | REVISION   | DATE   |
|--------|------------|--------|
| △      | ADDENDUM 1 | 1-3-08 |
|        |            |        |
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|        |            |        |