

# SUMMARY OF QUANTITIES

| CODE NO             | ITEM  | UNIT             | TOTAL QUANTITIES   | CONSTRUCTION TYPE CODE |  |   |  |   |  |  |   |   |   | 80% FEDERAL<br>10% STATE<br>10% WARRENVILLE |  |   |             |
|---------------------|---|------------------|--------------------|------------------------|--|---|--|---|--|--|---|---|---|---|--|---|-------------|
|                     |   |                  |                    | URBAN                  | 0003<br>ROADWAY<br>IL. RTE. 56<br>80% FEDERAL<br>20% STATE | NHF<br>0004<br>FERRY CREEK<br>CULVERT<br>80% FEDERAL<br>20% STATE | 0010<br>DUPAGE RIVER<br>BRIDGE<br>80% FEDERAL<br>20% STATE | CMF<br>0014<br>PRAIRIE PATH<br>BRIDGE<br>80% FEDERAL<br>20% STATE | 0021<br>T.S. AT<br>IL. RTE. 59<br>80% FEDERAL<br>20% STATE | 0021<br>T.S. AT<br>BATAVIA RD.<br>80% FEDERAL<br>10% STATE<br>10% C.O.W. | 0021<br>T.S. AT<br>WINFIELD RD.<br>80% FEDERAL<br>10% STATE<br>10% DUPAGE | 0021<br>INTERCONNECT<br>IL. RTE. 56<br>80% FEDERAL<br>20% STATE | 0021<br>ROADWAY<br>LIGHTING<br>80% FEDERAL<br>20% STATE |   | NHF<br>0021<br>SIGNING<br>80% FEDERAL<br>20% STATE | 0031<br>LANDSCAPE<br>80% FEDERAL<br>20% STATE | CMF<br>0043 |
| 35101800            | AGGREGATE BASE COURSE, TYPE B 6"  | SQ YD            | 7,582              |                        |  |   |  |   |  |  |   |   |   |   |  |   | 7,582       |
| 35300700            | PORTLAND CEMENT CONCRETE BASE COURSE 12"                                | SQ YD            | 177                |                        | 177  |   |  |   |  |  |   |   |   |   |  |   |             |
| 35501308            | HOT-MIX ASPHALT BASE COURSE, 6"   | SQ YD            | 1,370              |                        | 1,370  |   |  |   |  |  |   |   |   |   |  |   |             |
| 35501316            | HOT-MIX ASPHALT BASE COURSE, 8"   | SQ YD            | 3,177              |                        | 3,177  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40200710            | AGGREGATE SURFACE COURSE, TYPE A 10"                                    | SQ YD            | 333                |                        | 333  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40600200            | BITUMINOUS MATERIALS (PRIME COAT)                                       | TON              | 234                |                        | 234  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40600300            | AGGREGATE (PRIME COAT)  | TON              | 1,233              |                        | 1,233  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40600635            | LEVELING BINDER (MACHINE METHOD), N70                                   | TON              | 174                |                        | 174  |   |  |   |  |  |   |   |   |   |  |   |             |
| <del>40600892</del> | <del>CRACKING AND PATCHING</del>  | <del>EACH</del>  | <del>4</del>       |                        |  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40600982            | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT                            | SQ YD            | 88                 |                        | 88   |   |  |   |  |  |   |   |   |   |  |   |             |
| 40601005            | HOT-MIX ASPHALT REPLACEMENT OVER PATCHES                                | TON              | 85                 |                        | 85   |   |  |   |  |  |   |   |   |   |  |   |             |
| 40603080            | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50                             | TON              | 850                |                        |  |   |  |   |  |  |   |   |   |   |  |   | 850         |
| <del>40603090</del> | <del>HOT MIX ASPHALT BINDER COURSE, IL 19.0, N90</del>                  | <del>TON</del>   | <del>86,295</del>  |                        |  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40603148            | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80    | TON              | 17,255             |                        | 17,255   |   |  |   |  |  |   |   |   |   |  |   |             |
| <del>40603145</del> | <del>POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10"</del> | <del>SQ YD</del> | <del>154,066</del> |                        |  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40603153            | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80   | TON              | 17,471             |                        | 17,471   |   |  |   |  |  |   |   |   |   |  |   |             |
| 40603310            | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50                            | TON              | 509                |                        | 509  |   |  |   |  |  |   |   |   |   |  |   | 509         |
| <del>40603595</del> | <del>POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90</del>     | <del>TON</del>   | <del>1,730</del>   |                        |  |   |  |   |  |  |   |   |   |   |  |   |             |
| 40800050            | INCIDENTAL HOT-MIX ASPHALT SURFACING                                    | TON              | 250                |                        | 250  |   |  |   |  |  |   |   |   |   |  |   |             |
| 42001300            | PROTECTIVE COAT   | SQ YD            | 22,951             |                        | 22,951   |   |  |   |  |  |   |   |   |   |  |   |             |
| 42300400            | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH                      | SQ YD            | 123                |                        | 123  |   |  |   |  |  |   |   |   |   |  |   |             |
| 42400200            | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH                                | SQ FT            | 27,110             |                        | 27,110   |   |  |   |  |  |   |   |   |   |  |   |             |
| 42400800            | DETECTABLE WARNINGS   | SQ FT            | 856                |                        | 856  |   |  |   |  |  |   |   |   |   |  |   |             |
| 44000100            | PAVEMENT REMOVAL  | SQ YD            | 99,944             |                        | 99,944   |   |  |   |  |  |   |   |   |   |  |   |             |
| 44000159            | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"                                 | SQ YD            | 1,259              |                        | 1,259  |   |  |   |  |  |   |   |   |   |  |   |             |
| 44000200            | DRIVEWAY PAVEMENT REMOVAL   | SQ YD            | 5,449              |                        | 5,449  |   |  |   |  |  |   |   |   |   |  |   |             |
| 44000300            | CURB REMOVAL  | FOOT             | 1,340              |                        | 1,340  |   |  |   |  |  |   |   |   |   |  |   |             |
| 44000500            | COMBINATION CURB AND GUTTER REMOVAL                                     | FOOT             | 15,346             |                        | 15,346   |   |  |   |  |  |   |   |   |   |  |   |             |
| 44000600            | SIDEWALK REMOVAL  | SQ FT            | 15,312             |                        | 15,312   |   |  |   |  |  |   |   |   |   |  |   |             |
| 44002216            | HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"                                | SQ YD            | 375                |                        | 375  |   |  |   |  |  |   |   |   |   |  |   |             |
| 44003100            | MEDIAN REMOVAL  | SQ FT            | 33,016             |                        | 33,016   |   |  |   |  |  |   |   |   |   |  |   |             |
| 44004250            | PAVED SHOULDER REMOVAL  | SQ YD            | 25,447             |                        | 25,447   |   |  |   |  |  |   |   |   |   |  |   |             |
| 44201765            | CLASS D PATCHES, TYPE II, 10 INCH                                       | SQ YD            | 200                |                        | 200  |   |  |   |  |  |   |   |   |   |  |   |             |
| 44201769            | CLASS D PATCHES, TYPE III, 10 INCH                                      | SQ YD            | 100                |                        | 100  |   |  |   |  |  |   |   |   |   |  |   |             |
| 44201771            | CLASS D PATCHES, TYPE IV, 10 INCH                                       | SQ YD            | 230                |                        | 230  |   |  |   |  |  |   |   |   |   |  |   |             |
| 48101200            | AGGREGATE SHOULDERS, TYPE B   | TON              | 1,572              |                        | 1,572  |   |  |   |  |  |   |   |   |   |  |   |             |
| 48203053            | HOT-MIX ASPHALT SHOULDERS, 14"  | SQ YD            | 24,187             |                        | 24,187   |   |  |   |  |  |   |   |   |   |  |   |             |
| 50100300            | REMOVAL OF EXISTING STRUCTURES NO. 1                                    | EACH             | 1                  |                        |  | 1   |  |   |  |  |   |   |   |   |  |   |             |
| 50100400            | REMOVAL OF EXISTING STRUCTURES NO. 2                                    | EACH             | 1                  |                        |  |   | 1  |   |  |  |   |   |   |   |  |   |             |
| 50102400            | CONCRETE REMOVAL  | CU YD            | 8.6                |                        |  |   |  | 8.6   |  |  |   |   |   |   |  |   |             |
| 50104400            | CONCRETE HEADWALL REMOVAL   | EACH             | 2                  |                        | 2  |   |  |   |  |  |   |   |   |   |  |   |             |
| 50105220            | PIPE CULVERT REMOVAL  | FOOT             | 603                |                        | 603  |   |  |   |  |  |   |   |   |   |  |   |             |

\* SPECIALTY ITEM

FILE NAME = 0162420-shr-500.dgn  
 PLOT DATE = 12/3/2010  
 PLOT SCALE = 50.0000' / IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 711 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

|                         |           |
|-------------------------|-----------|
| DESIGNED - S.J.P.       | REVISED - |
| DRAWN - A.C.S.          | REVISED - |
| CHECKED - M.P.          | REVISED - |
| DATE - DECEMBER 3, 2010 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|  |                          |            |                |
|--|--------------------------|------------|----------------|
| <b>SUMMARY OF QUANTITIES<br/>IL. RTE. 56</b> |                          |            |                |
| SCALE: NONE                                  | SHEET NO. 2 OF 12 SHEETS | STA. 90+00 | TO STA. 255+00 |

|   |  |        |              |           |
|---|--|--------|--------------|-----------|
| SECTION   |  | COUNTY | TOTAL SHEETS | SHEET NO. |
| (58&59) WRS-3                                       |  | DUPAGE | 466          | 6         |
| CONTRACT NO. 62420                                  |  |        |              |           |
| FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT |  |        |              |           |

Rev 1-7-11

Rev.

# SUMMARY OF QUANTITIES

| CODE NO  | ITEM  | UNIT                  | TOTAL QUANTITIES      | CONSTRUCTION TYPE CODE |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
|----------|---|-----------------------|-----------------------|------------------------|--------------------------|----------------------------------|----------------------------------|--------------------------|--------------------------|---|--|-------------------------------|-----------------------|--------------|----------------|------|
|          |   |                       |                       | URBAN                  | NHF                      |                                  | CMF                              |                          | CMF                      |   |  |                               | NHF                   |              | NHF            |      |
|          |   |                       |                       |                        | 0003 ROADWAY IL. RTE. 56 | 0004 FERRY CREEK CULVERT         | 0010 DUPAGE RIVER BRIDGE         | 0014 PRAIRIE PATH BRIDGE | 0021 T.S. AT IL. RTE. 59 | 0021 T.S. AT BATAVIA RD. 80% FEDERAL 10% STATE 10% C.O.W. | 0021 T.S. AT WINFIELD RD. 80% FEDERAL 10% STATE 10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56 | 0021 ROADWAY LIGHTING | 0021 SIGNING | 0031 LANDSCAPE | 0043 |
|          | 80% FEDERAL 20% STATE   | 80% FEDERAL 20% STATE | 80% FEDERAL 20% STATE | 80% FEDERAL 20% STATE  | 80% FEDERAL 20% STATE    | 80% FEDERAL 10% STATE 10% C.O.W. | 80% FEDERAL 10% STATE 10% DUPAGE | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE                                     | 80% FEDERAL 20% STATE                                      | 100% CITY OF WARRENVILLE      |                       |              |                |      |
| 50200100 | STRUCTURE EXCAVATION  | CU YD                 | 1,192                 | 250                    |                          | 942                              |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50200450 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES                              | CU YD                 | 662                   |                        | 662                      |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50300225 | CONCRETE STRUCTURES   | CU YD                 | 520.0                 | 62.8                   |                          | 404.2                            | 53.0                             |                          |                          |   |  |                               |                       |              |                |      |
| 50300255 | CONCRETE SUPERSTRUCTURE   | CU YD                 | 1,452.9               |                        |                          | 1,166.2                          | 286.7                            |                          |                          |   |  |                               |                       |              |                |      |
| 50300260 | BRIDGE DECK GROOVING  | SQ YD                 | 2,080                 |                        |                          | 2,080                            |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50300280 | CONCRETE ENCASEMENT   | CU YD                 | 35.5                  |                        |                          | 35.5                             |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50300300 | PROTECTIVE COAT   | SQ YD                 | 3,089                 |                        |                          | 3,089                            |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50400905 | FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 42 IN.                    | FOOT                  | 2,916                 |                        |                          | 2,916                            |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50500505 | STUD SHEAR CONNECTORS   | EACH                  | 836                   | 836                    |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED  | POUND                 | 421,410               | 11,800                 | 63,190                   | 275,050                          | 71,370                           |                          |                          |   |  |                               |                       |              |                |      |
| 50800515 | BAR SPLICERS  | EACH                  | 1,406                 |                        | 94                       | 1,030                            | 282                              |                          |                          |   |  |                               |                       |              |                |      |
| 50901720 | BICYCLE RAILING   | FOOT                  | 225                   |                        |                          | 225                              |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 50901750 | PARAPET RAILING   | FOOT                  | 225                   |                        |                          | 225                              |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 51201800 | FURNISHING STEEL PILES HP 14 x 73   | FOOT                  | 1,729                 |                        |                          | 1,729                            |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 51202000 | FURNISHING STEEL PILES HP 14 x 102  | FOOT                  | 1,032                 |                        |                          | 1,032                            |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 51202305 | DRIVING PILES   | FOOT                  | 2,761                 |                        |                          | 2,761                            |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 51203800 | TEST PILE STEEL HP 14 x 73  | EACH                  | 2                     |                        |                          | 2                                |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 51204000 | TEST PILE STEEL HP 14 x 102   | EACH                  | 1                     |                        |                          | 1                                |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 51204650 | PILE SHOES  | EACH                  | 65                    |                        |                          | 65                               |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 51500100 | NAME PLATES   | EACH                  | 1                     |                        |                          | 1                                |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54003000 | CONCRETE BOX CULVERTS   | CU YD                 | 204.7                 |                        | 204.7                    |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54020603 | PRECAST CONCRETE BOX CULVERTS 6' x 3' (M273)  | FOOT                  | 594                   | 594                    |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 542A0217 | PIPE CULVERTS, CLASS A, TYPE 1 12"  | FOOT                  | 24                    | 24                     |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 542A0220 | PIPE CULVERTS, CLASS A, TYPE 1 15"  | FOOT                  | 299                   | 299                    |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 542A0223 | PIPE CULVERTS, CLASS A, TYPE 1 18"  | FOOT                  | 346                   | 346                    |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 542A0259 | PIPE CULVERTS, CLASS A, TYPE 1 54"  | FOOT                  | 83                    | 83                     |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 542A1060 | PIPE CULVERTS, CLASS A, TYPE 2 15"  | FOOT                  | 143                   | 143                    |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 542A1069 | PIPE CULVERTS, CLASS A, TYPE 2 24"  | FOOT                  | 214                   | 214                    |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 542A1012 | PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)  | FOOT                  | 200                   | 200                    |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"                                     | EACH                  | 43                    | 43                     |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"                                     | EACH                  | 17                    | 17                     |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54213663 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"                                     | EACH                  | 10                    | 10                     |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54213669 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"                                     | EACH                  | 9                     | 9                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54213681 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"                                     | EACH                  | 2                     | 2                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54213687 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"                                     | EACH                  | 1                     | 1                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54213699 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54"                                     | EACH                  | 4                     | 4                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54214743 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 48" | EACH                  | 1                     | 1                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54214749 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 54" | EACH                  | 1                     | 1                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54216200 | REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER                                   | EACH                  | 1                     | 1                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |
| 54216220 | REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 12" RISER                                   | EACH                  | 2                     | 2                      |                          |                                  |                                  |                          |                          |   |  |                               |                       |              |                |      |

\* SPECIALTY ITEM

FILE NAME = 0162428-sh1-500.dgn  
 PLOT DATE = 12/3/2010  
 PLOT SCALE = 5/8" = 1' IN.



|                         |           |
|-------------------------|-----------|
| DESIGNED - S.J.P.       | REVISED - |
| DRAWN - A.C.S.          | REVISED - |
| CHECKED - M.P.          | REVISED - |
| DATE - DECEMBER 3, 2010 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
IL. RTE. 56**

SCALE: NONE    SHEET NO. 3 OF 12 SHEETS    STA. 90+00 TO STA. 255+00

|   |               |        |                    |           |
|---|---------------|--------|--------------------|-----------|
| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 365   | (58&59) WRS-3 | DuPAGE | 466                | 7         |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        | CONTRACT NO. 62420 |           |

Rev. 1-7-11

# SUMMARY OF QUANTITIES

| CODE NO          | ITEM  | UNIT                     | CONSTRUCTION TYPE CODE   |                          |                          |   |  |                               |                       |                       |                       |                          |  |  |
|------------------|---|--------------------------|--------------------------|--------------------------|--------------------------|---|--|-------------------------------|-----------------------|-----------------------|-----------------------|--------------------------|--|--|
|                  |   |                          | URBAN                    | NHF                      |                          | CME   |  | CME                           |                       |                       |                       | NHF                      |  |  |
| TOTAL QUANTITIES | 0003 ROADWAY IL. RTE. 56  | 0004 FERRY CREEK CULVERT | 0010 DUPAGE RIVER BRIDGE | 0014 PRAIRIE PATH BRIDGE | 0021 T.S. AT IL. RTE. 59 | 0021 T.S. AT BATAVIA RD. 80% FEDERAL 10% STATE 10% C.O.W. | 0021 T.S. AT WINFIELD RD. 80% FEDERAL 10% STATE 10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56 | 0021 ROADWAY LIGHTING | 0021 SIGNING          | 0031 LANDSCAPE        | 0043                     |  |  |
|                  | 80% FEDERAL 20% STATE   | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE    | 80% FEDERAL 10% STATE 10% C.O.W.                          | 80% FEDERAL 10% STATE 10% DUPAGE                           | 80% FEDERAL 20% STATE         | 80% FEDERAL 20% STATE | 80% FEDERAL 20% STATE | 80% FEDERAL 20% STATE | 100% CITY OF WARRENVILLE |  |  |
| 54216231         | REINFORCED CONCRETE PIPE TEE, 42" PIPE WITH 12" RISER             | EACH                     | 1                        | 1                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54247090         | GRATING FOR CONCRETE FLARED END SECTION 12"                       | EACH                     | 4                        | 4                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54247100         | GRATING FOR CONCRETE FLARED END SECTION 15"                       | EACH                     | 2                        | 2                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54247130         | GRATING FOR CONCRETE FLARED END SECTION 24"                       | EACH                     | 4                        | 4                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54247170         | GRATING FOR CONCRETE FLARED END SECTION 36"                       | EACH                     | 2                        | 2                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54247200         | GRATING FOR CONCRETE FLARED END SECTION 54"                       | EACH                     | 4                        | 4                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54248180         | GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 48" | EACH                     | 1                        | 1                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54248190         | GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 54" | EACH                     | 1                        | 1                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 54248510         | CONCRETE COLLAR   | CU YD                    | 3                        | 3                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0050         | STORM SEWERS, CLASS A, TYPE 1 12"                                 | FOOT                     | 854                      | 854                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0070         | STORM SEWERS, CLASS A, TYPE 1 15"                                 | FOOT                     | 167                      | 167                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0090         | STORM SEWERS, CLASS A, TYPE 1 18"                                 | FOOT                     | 212                      | 212                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0120         | STORM SEWERS, CLASS A, TYPE 1 24"                                 | FOOT                     | 125                      | 125                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0140         | STORM SEWERS, CLASS A, TYPE 1 30"                                 | FOOT                     | 214                      | 214                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0160         | STORM SEWERS, CLASS A, TYPE 1 36"                                 | FOOT                     | 130                      | 130                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0340         | STORM SEWERS, CLASS A, TYPE 2 12"                                 | FOOT                     | 3,670                    | 3,670                    |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0360         | STORM SEWERS, CLASS A, TYPE 2 15"                                 | FOOT                     | 1,883                    | 1,883                    |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0380         | STORM SEWERS, CLASS A, TYPE 2 18"                                 | FOOT                     | 1,000                    | 1,000                    |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0410         | STORM SEWERS, CLASS A, TYPE 2 24"                                 | FOOT                     | 691                      | 691                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0430         | STORM SEWERS, CLASS A, TYPE 2 30"                                 | FOOT                     | 519                      | 519                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0450         | STORM SEWERS, CLASS A, TYPE 2 36"                                 | FOOT                     | 1,213                    | 1,213                    |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A0470         | STORM SEWERS, CLASS A, TYPE 2 42"                                 | FOOT                     | 355                      | 355                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A4700         | STORM SEWERS, CLASS A, TYPE 1, EQUIVALENT ROUND-SIZE 42"          | FOOT                     | 864                      | 864                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A4720         | STORM SEWERS, CLASS A, TYPE 1, EQUIVALENT ROUND-SIZE 54"          | FOOT                     | 601                      | 601                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A5500         | STORM SEWERS, CLASS A, TYPE 2, EQUIVALENT ROUND-SIZE 42"          | FOOT                     | 1,370                    | 1,370                    |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 550A5510         | STORM SEWERS, CLASS A, TYPE 2, EQUIVALENT ROUND-SIZE 48"          | FOOT                     | 164                      | 164                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 55100500         | STORM SEWER REMOVAL 12"   | FOOT                     | 1,905                    | 1,905                    |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 55100700         | STORM SEWER REMOVAL 15"   | FOOT                     | 170                      | 170                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 55101200         | STORM SEWER REMOVAL 24"   | FOOT                     | 570                      | 570                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 55101400         | STORM SEWER REMOVAL 30"   | FOOT                     | 176                      | 176                      |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 56100800         | WATER MAIN 10"  | FOOT                     | 180                      |                          |                          |   |  |                               |                       |                       |                       | 180                      |  |  |
| 56100900         | WATER MAIN 12"  | FOOT                     | 290                      |                          |                          |   |  |                               |                       |                       |                       | 290                      |  |  |
| 56103200         | DUCTILE IRON WATER MAIN 10"                                       | FOOT                     | 35                       |                          |                          |   |  |                               |                       |                       |                       | 35                       |  |  |
| 56103300         | DUCTILE IRON WATER MAIN 12"                                       | FOOT                     | 775                      |                          |                          |   |  |                               |                       |                       |                       | 775                      |  |  |
| 56105200         | WATER VALVES 12"  | EACH                     | 3                        |                          |                          |   |  |                               |                       |                       |                       | 3                        |  |  |
| 56400300         | FIRE HYDRANTS TO BE ADJUSTED                                      | EACH                     | 8                        | 8                        |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 56400600         | FIRE HYDRANTS   | EACH                     | 1                        |                          |                          |   |  |                               |                       |                       |                       | 1                        |  |  |
| 59100100         | GEOCOMPOSITE WALL DRAIN   | SQ YD                    | 335                      | 90                       |                          |   | 245  |                               |                       |                       |                       |                          |  |  |
| 59300100         | CONTROLLED LOW-STRENGTH MATERIAL                                  | CU YD                    | 10                       | 10                       |                          |   |  |                               |                       |                       |                       |                          |  |  |
| 60100060         | CONCRETE HEADWALLS FOR PIPE DRAINS                                | EACH                     | 66                       | 66                       |                          |   |  |                               |                       |                       |                       |                          |  |  |

\* SPECIALTY ITEM

FILE NAME = 0162420-shr-500.dgn  
 PLOT DATE = 12/3/2010  
 PLOT SCALE = 50.0000' / IN.

**CHRISTIAN ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

|            |                  |           |  |
|------------|------------------|-----------|--|
| DESIGNED - | S.J.P.           | REVISED - |  |
| DRAWN -    | A.C.S.           | REVISED - |  |
| CHECKED -  | M.P.             | REVISED - |  |
| DATE -     | DECEMBER 3, 2010 | REVISED - |  |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
**IL. RTE. 56**

SCALE: NONE    SHEET NO. 4 OF 12 SHEETS    STA. 90+00 TO STA. 255+00

Rev. 1-7-11

|   |               |        |                    |           |
|---|---------------|--------|--------------------|-----------|
| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 365   | (58&59) WRS-3 | DUPAGE | 466                | 8         |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        | CONTRACT NO. 62420 |           |

# SUMMARY OF QUANTITIES

| CODE NO             | ITEM  | UNIT            | CONSTRUCTION TYPE CODE |                       |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
|---------------------|---|-----------------|------------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|--|-------------------------------|-----------------------|--------------|----------------|------|--|---|
|                     |   |                 | URBAN                  |                       | NHF                      |                          |                          | CMF                      |                          | CONSTRUCTION TYPE CODE                                    |  |                               |                       | NHF          |                |      |  |   |
|                     |   |                 | TOTAL QUANTITIES       | 80% FEDERAL 20% STATE | 0003 ROADWAY IL. RTE. 56 | 0004 FERRY CREEK CULVERT | 0010 DUPAGE RIVER BRIDGE | 0014 PRAIRIE PATH BRIDGE | 0021 T.S. AT IL. RTE. 59 | 0021 T.S. AT BATAVIA RD. 80% FEDERAL 10% STATE 10% C.O.W. | 0021 T.S. AT WINFIELD RD. 80% FEDERAL 10% STATE 10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56 | 0021 ROADWAY LIGHTING | 0021 SIGNING | 0031 LANDSCAPE | 0043 |  |   |
| 60107600            | PIPE UNDERDRAINS. 4"  | FOOT            | 10,882                 | 10,882                |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60108100            | PIPE UNDERDRAINS 4" (SPECIAL)   | FOOT            | 990                    | 990                   |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60200105            | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID             | EACH            | 3                      | 3                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60200805            | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE                       | EACH            | 16                     | 16                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60201110            | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE           | EACH            | 18                     | 18                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60201330            | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE            | EACH            | 22                     | 22                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60201340            | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE            | EACH            | 90                     | 90                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| <del>60205030</del> | <del>CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE</del> | <del>EACH</del> | <del>3</del>           | <del>3</del>          |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60205415            | CATCH BASINS, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604101)         | EACH            | 1                      | 1                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60206905            | CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID                          | EACH            | 2                      | 2                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60207605            | CATCH BASINS, TYPE C, TYPE 8 GRATE                                    | EACH            | 13                     | 13                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60218400            | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID               | EACH            | 18                     | 18                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60219000            | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE                           | EACH            | 1                      | 1                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60219540            | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE                | EACH            | 1                      | 1                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60221100            | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID               | EACH            | 14                     | 14                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60221700            | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE                           | EACH            | 1                      | 1                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60223800            | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID               | EACH            | 3                      | 3                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60224005            | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE                           | EACH            | 1                      | 1                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60236200            | INLETS, TYPE A, TYPE 8 GRATE  | EACH            | 1                      | 1                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60248900            | VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID           | EACH            | 7                      |                       |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  | 7 |
| 60250200            | CATCH BASINS TO BE ADJUSTED   | EACH            | 14                     | 14                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60255410            | CATCH BASINS TO BE CLEANED  | EACH            | 2                      | 2                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60255500            | MANHOLES TO BE ADJUSTED   | EACH            | 46                     | 46                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60257900            | MANHOLES TO BE RECONSTRUCTED  | EACH            | 3                      | 3                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60265700            | VALVE VAULTS TO BE ADJUSTED   | EACH            | 32                     | 32                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60266600            | VALVE BOXES TO BE ADJUSTED  | EACH            | 4                      | 4                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60500070            | REMOVING MANHOLES TO MAINTAIN FLOW                                    | EACH            | 2                      | 2                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60500105            | FILLING MANHOLES  | EACH            | 15                     | 15                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60500205            | FILLING CATCH BASINS  | EACH            | 35                     | 35                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60500405            | FILLING VALVE VAULTS  | EACH            | 1                      |                       |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  | 1 |
| 60500705            | CATCH BASINS TO BE FILLED TO MAINTAIN FLOW                            | EACH            | 1                      | 1                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60600095            | CLASS SI CONCRETE (OUTLET)  | CU YD           | 9                      | 9                     |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60603500            | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06                     | FOOT            | 100                    | 100                   |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60603800            | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12                     | FOOT            | 19,172                 | 19,172                |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60604400            | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18                     | FOOT            | 4,793                  | 4,793                 |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60605000            | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24                     | FOOT            | 20,763                 | 20,763                |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60609200            | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12                     | FOOT            | 100                    | 100                   |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60610400            | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24                     | FOOT            | 196                    | 196                   |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60618210            | HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH                                | SQ FT           | 1,713                  | 1,713                 |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |
| 60618300            | CONCRETE MEDIAN SURFACE, 4 INCH                                       | SQ FT           | 4,569                  | 4,569                 |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |  |   |

\* SPECIALTY ITEM

FILE NAME = D:\62420\sh1-S00.dgn  
 PLOT DATE = 12/3/2010  
 PLOT SCALE = 50.0000 / IN.



**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - S.J.P.  
 DRAWN - A.C.S.  
 CHECKED - M.P.  
 DATE - DECEMBER 3, 2010

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
 IL. RTE. 56**

SCALE: NONE    SHEET NO. 5 OF 12 SHEETS    STA. 90+00 TO STA. 255+00

|   |               |        |              |           |
|---|---------------|--------|--------------|-----------|
| F.A.P. RTE.                                       | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
| 365   | (58&59) WRS-3 | DUPAGE | 466          | 9         |
| CONTRACT NO. 62420                                |               |        |              |           |
| FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT |               |        |              |           |

Rev. 1-7-11

# SUMMARY OF QUANTITIES

|            |  |       | CONSTRUCTION TYPE CODE |  |  |  |  |  |  |   |   |   |  |  |                                     |     |
|------------|--|-------|------------------------|--|--|--|--|--|--|---|---|---|--|--|-------------------------------------|-----|
|            |  |       | URBAN                  |  | NHF  |  |  | CMF  |  | NHF   |   |   |  | TE   |                                     |     |
| CODE NO    | ITEM   | UNIT  | TOTAL QUANTITIES       | 0003 ROADWAY IL. RTE. 56<br>80% FEDERAL<br>20% STATE | 0004 FERRY CREEK CULVERT<br>80% FEDERAL<br>20% STATE | 0010 DUPAGE RIVER BRIDGE<br>80% FEDERAL<br>20% STATE | 0014 PRAIRIE PATH BRIDGE<br>80% FEDERAL<br>20% STATE | 0021 T.S. AT IL. RTE. 59<br>80% FEDERAL<br>20% STATE | 0021 T.S. AT BATAVIA RD.<br>80% FEDERAL<br>10% STATE<br>10% C.O.W. | 0021 T.S. AT WINFIELD RD.<br>80% FEDERAL<br>10% STATE<br>10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56<br>80% FEDERAL<br>20% STATE | 0021 ROADWAY LIGHTING<br>80% FEDERAL<br>20% STATE | 0021 SIGNING<br>80% FEDERAL<br>20% STATE | 0031 LANDSCAPE<br>80% FEDERAL<br>20% STATE | 0043<br>80% FED.<br>20% WARRENVILLE |     |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4"   | FOOT  | 68,226                 | 68,226   |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6"   | FOOT  | 20,911                 | 20,911   |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8"   | FOOT  | 443                    | 443  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12"  | FOOT  | 7,246                  | 7,246  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24"  | FOOT  | 1,047                  | 1,047  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78008210 | POLYUREA PAVEMENT MARKING TYPE I - LINE 4"   | FOOT  | 1,610                  | 1,610  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78008230 | POLYUREA PAVEMENT MARKING TYPE I - LINE 6"   | FOOT  | 96                     | 96   |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78008240 | POLYUREA PAVEMENT MARKING TYPE I - LINE 8"   | FOOT  | 157                    | 157  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78008250 | POLYUREA PAVEMENT MARKING TYPE I - LINE 12"  | FOOT  | 122                    | 122  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER  | EACH  | 1,407                  | 1,407  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78100105 | RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)   | EACH  | 20                     | 20   |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78100200 | TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER  | EACH  | 860                    | 860  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78200410 | GUARDRAIL MARKERS, TYPE A  | EACH  | 42                     | 42   |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78200530 | BARRIER WALL MARKERS, TYPE C   | EACH  | 16                     | 16   |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78201000 | TERMINAL MARKER - DIRECT APPLIED   | EACH  | 8                      | 8  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78300100 | PAVEMENT MARKING REMOVAL   | SQ FT | 3,000                  | 3,000  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  | EACH  | 3,000                  | 3,000  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 80400100 | ELECTRIC SERVICE INSTALLATION  | EACH  | 1                      | 1  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 80400200 | ELECTRIC UTILITY SERVICE CONNECTION  | L SUM | 1                      | 1  |  |  |  |  |  |   |   |   |  |  |                                     |     |
| * 81000600 | CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL   | FOOT  | 6,331                  | 6,331  |  |  |  |  | 1,063  | 580   | 1,220   | 3,468   |  |  |                                     |     |
| * 81000700 | CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL                                       | FOOT  | 459                    | 459  |  |  |  |  | 134  | 213   | 112   |   |  |  |                                     |     |
| * 81000800 | CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL   | FOOT  | 114                    | 114  |  |  |  |  | 18   | 44  | 52  |   |  |  |                                     |     |
| * 81000900 | CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL                                       | FOOT  | 39                     | 39   |  |  |  |  |  | 29  | 10  |   |  |  |                                     |     |
| * 81001000 | CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL   | FOOT  | 967                    | 967  |  |  |  |  | 106  | 77  | 92  |   |  |  |                                     | 650 |
| * 81018500 | CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL  | FOOT  | 707                    | 707  |  |  |  |  | 274  | 53  | 236   |   |  |  |                                     |     |
| * 81018900 | CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL  | FOOT  | 3,058                  | 3,058  |  |  |  |  | 560  | 991   | 601   |   |  |  |                                     |     |
| * 81200120 | CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL                               | FOOT  | 224                    | 224  |  |  |  |  |  |   |   | 224   |  |  |                                     |     |
| * 81400100 | HANDHOLE   | EACH  | 18                     | 18   |  |  |  |  | 4  | 6   | 3   | 1   |  |  |                                     | 4   |
| * 81400200 | HEAVY-DUTY HANDHOLE  | EACH  | 19                     | 19   |  |  |  |  | 6  | 2   | 6   | 5   |  |  |                                     |     |
| * 81400300 | DOUBLE HANDHOLE  | EACH  | 9                      | 9  |  |  |  |  | 2  | 4   | 3   |   |  |  |                                     |     |
| * 81603210 | UNIT DUCT, 600V, 3-1/C NO.4, 1/C NO.6 GROUND, (EPR-TYPE RHW), 1 1/4" DIA. POLYETHYLENE | FOOT  | 4,800                  | 4,800  |  |  |  |  |  |   |   | 4,800   |  |  |                                     |     |
| * 81701375 | ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/C 300MCM                            | FOOT  | 66                     | 66   |  |  |  |  |  |   |   | 66  |  |  |                                     |     |
| * 81800320 | AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE  | FOOT  | 6,260                  | 6,260  |  |  |  |  |  |   |   | 6,260   |  |  |                                     |     |
| * 81900200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK  | FOOT  | 11,622                 | 11,622   |  |  |  |  | 1,255  | 922   | 1,427   | 3,468   |  |  |                                     | 650 |
| * 82102400 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT                                    | EACH  | 52                     | 52   |  |  |  |  |  |   |   | 52  |  |  |                                     |     |
| * 83050825 | LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM                                  | EACH  | 20                     | 20   |  |  |  |  |  |   |   | 20  |  |  |                                     |     |
| * 83057355 | LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT. MAST ARM                               | EACH  | 16                     | 16   |  |  |  |  |  |   |   | 16  |  |  |                                     |     |
| * 83057356 | LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH TWO 15 FT. MAST ARMS                          | EACH  | 3                      | 3  |  |  |  |  |  |   |   | 3   |  |  |                                     |     |
| * 83600200 | LIGHT POLE FOUNDATION, 24" DIAMETER  | FOOT  | 190                    | 190  |  |  |  |  |  |   |   | 190   |  |  |                                     |     |
| * 83800205 | BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE                                | EACH  | 20                     | 20   |  |  |  |  |  |   |   | 20  |  |  |                                     |     |

\* SPECIALTY ITEM

FILE NAME: 0162420-ah-t-500.dgn  
 PLOT DATE: 12/3/2010  
 PLOT SCALE: 5/8"=1'-0" / IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

|                         |           |
|-------------------------|-----------|
| DESIGNED - S.J.P.       | REVISED - |
| DRAWN - A.C.S.          | REVISED - |
| CHECKED - M.P.          | REVISED - |
| DATE - DECEMBER 3, 2010 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
**IL. RTE. 56**

SCALE: NONE    SHEET NO. 7 OF 12 SHEETS    STA. 90+00 TO STA. 255+00

Rev. 1-7-11

| F.A.P. RTE. | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------------|--------|--------------|-----------|
| 365         | (58&59) WRS-3 | DUPAGE | 466          | 11        |

CONTRACT NO. 62420  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

# SUMMARY OF QUANTITIES

|                       |  |                 | CONSTRUCTION TYPE CODE |  |  |  |  |  |  |   |   |   |  |  |                                  |
|-----------------------|--|-----------------|------------------------|--|--|--|--|--|--|---|---|---|--|--|----------------------------------|
|                       |  |                 | URBAN                  | NHF  |  |  | CME  |  | CONSTRUCTION TYPE CODE   |   |   |   | NHF                                      |  | 0043                             |
| CODE NO               | ITEM   | UNIT            | TOTAL QUANTITIES       | 0003 ROADWAY IL. RTE. 56<br>80% FEDERAL<br>20% STATE | 0004 FERRY CREEK CULVERT<br>80% FEDERAL<br>20% STATE | 0010 DUPAGE RIVER BRIDGE<br>80% FEDERAL<br>20% STATE | 0014 PRAIRIE PATH BRIDGE<br>80% FEDERAL<br>20% STATE | 0021 T.S. AT IL. RTE. 59<br>80% FEDERAL<br>20% STATE | 0021 T.S. AT BATAVIA RD.<br>80% FEDERAL<br>10% STATE<br>10% C.O.W. | 0021 T.S. AT WINFIELD RD.<br>80% FEDERAL<br>10% STATE<br>10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56<br>80% FEDERAL<br>20% STATE | 0021 ROADWAY LIGHTING<br>80% FEDERAL<br>20% STATE | 0021 SIGNING<br>80% FEDERAL<br>20% STATE | 0031 LANDSCAPE<br>80% FEDERAL<br>20% STATE | 0043<br>100% CITY OF WARRENVILLE |
| * 84100110            | REMOVAL OF TEMPORARY LIGHTING UNIT                             | EACH            | 19                     |  |  |  |  |  |  |   |   | 19  |  |  |                                  |
| * 84200500            | REMOVAL OF LIGHTING UNIT, SALVAGE                              | EACH            | 12                     |  |  |  |  |  |  |   |   | 12  |  |  |                                  |
| * 84200804            | REMOVAL OF POLE FOUNDATION                                     | EACH            | 12                     |  |  |  |  |  |  |   |   | 12  |  |  |                                  |
| * 84500110            | REMOVAL OF LIGHTING CONTROLLER                                 | EACH            | 1                      |  |  |  |  |  |  |   |   | 1   |  |  |                                  |
| * 84500130            | REMOVAL OF LIGHTING CONTROLLER FOUNDATION                      | EACH            | 1                      |  |  |  |  |  |  |   |   | 1   |  |  |                                  |
| * 85000200            | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION            | EACH            | 1                      |  |  |  |  |  |  |   | 1   |   |  |  |                                  |
| * 85700200            | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET                   | EACH            | 1                      |  |  |  |  |  |  | 1   |   |   |  |  |                                  |
| * 85700205            | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL          | EACH            | 1                      |  |  |  |  | 1  |  |   |   |   |  |  |                                  |
| * 85700300            | FULL-ACTUATED CONTROLLER AND TYPE V CABINET                    | EACH            | 1                      |  |  |  |  |  | 1  |   |   |   |  |  |                                  |
| * 86000100            | MASTER CONTROLLER  | EACH            | 1                      |  |  |  |  |  |  |   | 1   |   |  |  |                                  |
| * 86400100            | TRANSCEIVER - FIBER OPTIC                                      | EACH            | 3                      |  |  |  |  | 1  | 1  | 1   |   |   |  |  |                                  |
| * 87301215            | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                    | FOOT            | 5,495                  |  |  |  |  | 859  | 1,358  | 3,278   |   |   |  |  |                                  |
| * 87301225            | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                    | FOOT            | 11,191                 |  |  |  |  | 2,037  | 6,222  | 2,932   |   |   |  |  |                                  |
| * 87301245            | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                    | FOOT            | 12,624                 |  |  |  |  | 3,241  | 6,162  | 3,221   |   |   |  |  |                                  |
| * 87301255            | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                    | FOOT            | 4,111                  |  |  |  |  | 2,035  |  | 2,076   |   |   |  |  |                                  |
| * 87301305            | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR              | FOOT            | 12,379                 |  |  |  |  | 4,953  | 2,962  | 4,464   |   |   |  |  |                                  |
| * 87301805            | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C                   | FOOT            | 102                    |  |  |  |  | 42   | 28   | 32  |   |   |  |  |                                  |
| * 87502440            | TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.                   | EACH            | 3                      |  |  |  |  |  | 3  |   |   |   |  |  |                                  |
| * 87502480            | TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.                   | EACH            | 4                      |  |  |  |  |  | 4  |   |   |   |  |  |                                  |
| * 87502500            | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.                   | EACH            | 1                      |  |  |  |  |  |  | 1   |   |   |  |  |                                  |
| * 87700120            | STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.                       | EACH            | 5                      |  |  |  |  | 3  |  | 2   |   |   |  |  |                                  |
| * 87700130            | STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.                       | EACH            | 2                      |  |  |  |  |  | 1  | 1   |   |   |  |  |                                  |
| * 87700150            | STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.                       | EACH            | 1                      |  |  |  |  |  | 1  |   |   |   |  |  |                                  |
| * 87700170            | STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.                       | EACH            | 1                      |  |  |  |  | 1  |  |   |   |   |  |  |                                  |
| <del>* 87700220</del> | <del>STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.</del>            | <del>EACH</del> | <del>1</del>           |  |  |  |  |  |  |   |   |   |  |  |                                  |
| * 87700260            | STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.                       | EACH            | 2                      |  |  |  |  |  | 2  |   |   |   |  |  |                                  |
| * 87700330            | STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.                       | EACH            | 1                      |  |  |  |  |  | 1  |   |   |   |  |  |                                  |
| * 87700290            | STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.                       | EACH            | 2                      |  |  |  |  |  |  |   |   |   |  | 2  |                                  |
| <del>* 87700404</del> | <del>STEEL MAST ARM ASSEMBLY AND POLE, 62 FT.</del>            | <del>EACH</del> | <del>1</del>           |  |  |  |  |  |  |   |   |   |  |  |                                  |
| <del>* 87700400</del> | <del>STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.</del>            | <del>EACH</del> | <del>1</del>           |  |  |  |  |  |  |   |   |   |  |  |                                  |
| * 87700414            | STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.                       | EACH            | 1                      |  |  |  |  |  |  | 1   |   |   |  |  |                                  |
| * 87700418            | STEEL MAST ARM ASSEMBLY AND POLE, 68 FT.                       | EACH            | 1                      |  |  |  |  |  |  | 1   |   |   |  |  |                                  |
| * 87700428            | STEEL MAST ARM ASSEMBLY AND POLE, 74 FT.                       | EACH            | 1                      |  |  |  |  |  |  | 1   |   |   |  |  |                                  |
| * 87704170            | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 48 FT. (SPECIAL) | EACH            | 1                      |  |  |  |  | 1  |  |   |   |   |  |  |                                  |
| * 87704188            | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT. (SPECIAL) | EACH            | 2                      |  |  |  |  | 2  |  |   |   |   |  |  |                                  |
| * 87704190            | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT. (SPECIAL) | EACH            | 1                      |  |  |  |  | 1  |  |   |   |   |  |  |                                  |
| * 87800100            | CONCRETE FOUNDATION, TYPE A                                    | FOOT            | 28                     |  |  |  |  |  | 24   | 4   |   |   |  |  |                                  |
| * 87800150            | CONCRETE FOUNDATION, TYPE C                                    | FOOT            | 12                     |  |  |  |  | 4  | 4  | 4   |   |   |  |  |                                  |
| * 87800400            | CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER                  | FOOT            | 90                     |  |  |  |  | 40   | 20   | 30  |   |   |  |  |                                  |
| * 87800415            | CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER                  | FOOT            | 101                    |  |  |  |  | 58   | 43   |   |   |   |  |  |                                  |

\* SPECIALTY ITEM

FILE NAME = 0162420-sh1-500.dgn  
 PLOT DATE = 12/3/2010  
 PLOT SCALE = 50.0000 / 1 IN.



**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
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|                         |           |
|-------------------------|-----------|
| DESIGNED - S.J.P.       | REVISED - |
| DRAWN - A.C.S.          | REVISED - |
| CHECKED - M.P.          | REVISED - |
| DATE - DECEMBER 3, 2010 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
 IL. RTE. 56**

SCALE: NONE    SHEET NO. 8 OF 12 SHEETS    STA. 90+00 TO STA. 255+00

Rev. 1-7-11

| F.A.P. RTE.                                       | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------------|--------|--------------|-----------|
| 365   | (58&59) WRS-3 | DUPAGE | 466          | 12        |
| CONTRACT NO. 62420                                |               |        |              |           |
| FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT |               |        |              |           |

# SUMMARY OF QUANTITIES

| CODE NO    | ITEM  | UNIT | CONSTRUCTION TYPE CODE |  |  |  |  |  |  |   |   |   |  |  |                                  |  |
|------------|---|------|------------------------|--|--|--|--|--|--|---|---|---|--|--|----------------------------------|--|
|            |   |      | URBAN                  | NHF  |  |  | CMF  |  | CMF  |   |   |   | NHF                                      |  | 0043                             |  |
|            |   |      | TOTAL QUANTITIES       | 0003 ROADWAY IL. RTE. 56<br>80% FEDERAL<br>20% STATE | 0004 FERRY CREEK CULVERT<br>80% FEDERAL<br>20% STATE | 0010 DUPAGE RIVER BRIDGE<br>80% FEDERAL<br>20% STATE | 0014 PRAIRIE PATH BRIDGE<br>80% FEDERAL<br>20% STATE | 0021 T.S. AT IL. RTE. 59<br>80% FEDERAL<br>20% STATE | 0021 T.S. AT BATAVIA RD.<br>80% FEDERAL<br>10% STATE<br>10% C.O.W. | 0021 T.S. AT WINFIELD RD.<br>80% FEDERAL<br>10% STATE<br>10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56<br>80% FEDERAL<br>20% STATE | 0021 ROADWAY LIGHTING<br>80% FEDERAL<br>20% STATE | 0021 SIGNING<br>80% FEDERAL<br>20% STATE | 0031 LANDSCAPE<br>80% FEDERAL<br>20% STATE | 0043<br>100% CITY OF WARRENVILLE |  |
| * 87800420 | CONCRETE FOUNDATION, TYPE E, 42-INCH DIAMETER   | FOOT | 117                    |  |  |  |  |  |  | 21  | 90  |   |  |  |                                  |  |
| * 87900200 | DRILL EXISTING HANDHOLE   | EACH | 1                      |  |  |  |  |  |  |   |   | 1   |  |  |                                  |  |
| * 88030020 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED                                       | EACH | 39                     |  |  |  |  | 12   | 16   | 11  |   |   |  |  |                                  |  |
| * 88030050 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  | EACH | 4                      |  |  |  |  |  | 4  |   |   |   |  |  |                                  |  |
| * 88030110 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED                                       | EACH | 15                     |  |  |  |  | 8  |  | 7   |   |   |  |  |                                  |  |
| * 88030210 | SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED  | EACH | 2                      |  |  |  |  |  | 2  |   |   |   |  |  |                                  |  |
| * 88030240 | SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED                         | EACH | 1                      |  |  |  |  |  |  | 1   |   |   |  |  |                                  |  |
| * 88102717 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER                   | EACH | 10                     |  |  |  |  | 2  | 6  | 2   |   |   |  |  |                                  |  |
| * 88102747 | PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER                   | EACH | 6                      |  |  |  |  | 1  | 2  | 3   |   |   |  |  |                                  |  |
| * 88102757 | PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER                   | EACH | 2                      |  |  |  |  |  | 2  |   |   |   |  |  |                                  |  |
| * 88200210 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM  | EACH | 54                     |  |  |  |  | 20   | 16   | 18  |   |   |  |  |                                  |  |
| * 88500100 | INDUCTIVE LOOP DETECTOR   | EACH | 39                     |  |  |  |  | 15   | 10   | 14  |   |   |  |  |                                  |  |
| * 88600100 | DETECTOR LOOP, TYPE I   | FOOT | 2,786                  |  |  |  |  | 987  | 875  | 924   |   |   |  |  |                                  |  |
| * 88700200 | LIGHT DETECTOR  | EACH | 10                     |  |  |  |  | #- 4   | #- 4   | ##- 2   |   |   |  |  |                                  |  |
| * 88700300 | LIGHT DETECTOR AMPLIFIER  | EACH | 3                      |  |  |  |  | #- 1   | #- 1   | ##- 1   |   |   |  |  |                                  |  |
| * 88800100 | PEDESTRIAN PUSH-BUTTON  | EACH | 32                     |  |  |  |  | 4  | 12   | 16  |   |   |  |  |                                  |  |
| * 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION   | EACH | 3                      |  |  |  |  | 1  | 1  | 1   |   |   |  |  |                                  |  |
| * 89501400 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT                          | EACH | 2                      |  |  |  |  |  |  | ##- 2   |   |   |  |  |                                  |  |
| * 89501410 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT                           | EACH | 1                      |  |  |  |  |  |  | ##- 1   |   |   |  |  |                                  |  |
| * 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT  | FOOT | 20,500                 |  |  |  |  |  |  |   | 3,500   | 17,000  |  |  |                                  |  |
| * 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT  | EACH | 3                      |  |  |  |  | 1  | 1  | 1   |   |   |  |  |                                  |  |
| * 89502380 | REMOVE EXISTING HANDHOLE  | EACH | 37                     |  |  |  |  | 12   | 13   | 12  |   |   |  |  |                                  |  |
| * 89502385 | REMOVE EXISTING CONCRETE FOUNDATION   | EACH | 26                     |  |  |  |  | 9  | 8  | 9   |   |   |  |  |                                  |  |
| * A2000316 | TREE, ACER MIYABEI MORTON (STATE STREET MIYABEI MAPLE), 2" CALIPER, BALLED AND BURLAPPED    | EACH | 13                     |  |  |  |  |  |  |   |   |   |  |  | 13                               |  |
| * A2002008 | TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED              | EACH | 17                     |  |  |  |  |  |  |   |   |   |  |  | 17                               |  |
| * A2002566 | TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED | EACH | 34                     |  |  |  |  |  |  |   |   |   |  |  | 34                               |  |
| * A2002616 | TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), 2" CALIPER, BALLED AND BURLAPPED               | EACH | 19                     |  |  |  |  |  |  |   |   |   |  |  | 19                               |  |
| * A2002716 | TREE, CARYA OVATA (SHAGBARK HICKORY), 2" CALIPER, BALLED AND BURLAPPED                      | EACH | 16                     |  |  |  |  |  |  |   |   |   |  |  | 16                               |  |
| * A2002916 | TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED              | EACH | 77                     |  |  |  |  |  |  |   |   |   |  |  | 77                               |  |
| * A2005020 | TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED       | EACH | 121                    |  |  |  |  |  |  |   |   |   |  |  | 121                              |  |
| * A2005116 | TREE, JUGLANS NIGRA (BLACK WALNUT), 2" CALIPER, BALLED AND BURLAPPED                        | EACH | 15                     |  |  |  |  |  |  |   |   |   |  |  | 15                               |  |
| * A2005516 | TREE, NYSSA SYLVATICA (BLACK TUPELO), 2" CALIPER, BALLED AND BURLAPPED                      | EACH | 6                      |  |  |  |  |  |  |   |   |   |  |  | 6                                |  |
| * A2005556 | TREE, NYSSA SYLVATICA (BLACK TUPELO), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED           | EACH | 12                     |  |  |  |  |  |  |   |   |   |  |  | 12                               |  |
| * A2005616 | TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED            | EACH | 62                     |  |  |  |  |  |  |   |   |   |  |  | 62                               |  |
| * A2006416 | TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED                            | EACH | 47                     |  |  |  |  |  |  |   |   |   |  |  | 47                               |  |
| * A2006516 | TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED                   | EACH | 72                     |  |  |  |  |  |  |   |   |   |  |  | 72                               |  |
| * A2006616 | TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER, BALLED AND BURLAPPED                    | EACH | 37                     |  |  |  |  |  |  |   |   |   |  |  | 37                               |  |
| * A2006716 | TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED                        | EACH | 112                    |  |  |  |  |  |  |   |   |   |  |  | 112                              |  |
| * A2006816 | TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED               | EACH | 23                     |  |  |  |  |  |  |   |   |   |  |  | 23                               |  |
| * A2007816 | TREE, TILIA AMERICANA (AMERICAN LINDEN / BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED        | EACH | 17                     |  |  |  |  |  |  |   |   |   |  |  | 17                               |  |

Rev. 1-7-11

\* SPECIALTY ITEM

#- DENOTES 100% OF COST TO CITY OF WARRENVILLE

##- DENOTES 100% OF COST TO WARRENVILLE FIRE PROTECTION DISTRICT

FILE NAME = D162420-ah-S00.dgn  
 PLOT DATE = 12/3/2010  
 PLOT SCALE = 5/8" = 1' IN.



**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-9274

DESIGNED - S.J.P.  
 DRAWN - A.C.S.  
 CHECKED - M.P.  
 DATE - DECEMBER 3, 2010

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
**IL. RTE. 56**

SCALE: NONE    SHEET NO. 9 OF 12 SHEETS    STA. 90+00 TO STA. 255+00

| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------------|--------|--------------|-----------|
| 365   | (58&59) WRS-3 | DUPAGE | 466          | 13        |
| CONTRACT NO. 62420                              |               |        |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        |              |           |

# SUMMARY OF QUANTITIES

| CODE NO    | ITEM   | UNIT   | CONSTRUCTION TYPE CODE |  |  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
|------------|--|--------|------------------------|--|--|--|--|--|---|--|---|---|------------------------------------|--------------------------------------|--------------------------|--------|-----|
|            |  |        | URBAN                  | NHF  |  |  | CMF  |  |   | NHF  |   |   | 0043                               |                                      |                          |        |     |
|            |  |        | TOTAL QUANTITIES       | 0003 ROADWAY IL. RTE. 56 80% FEDERAL 20% STATE | 0004 FERRY CREEK CULVERT 80% FEDERAL 20% STATE | 0010 DUPAGE RIVER BRIDGE 80% FEDERAL 20% STATE | 0014 PRAIRIE PATH BRIDGE 80% FEDERAL 20% STATE | 0021 T.S. AT IL. RTE. 59 80% FEDERAL 20% STATE | 0021 T.S. AT BATAVIA RD. 80% FEDERAL 10% STATE 10% C.O.W. | 0021 T.S. AT WINFIELD RD. 80% FEDERAL 10% STATE 10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56 80% FEDERAL 20% STATE | 0021 ROADWAY LIGHTING 80% FEDERAL 20% STATE | 0021 SIGNING 80% FEDERAL 20% STATE | 0031 LANDSCAPE 80% FEDERAL 20% STATE | 100% CITY OF WARRENVILLE |        |     |
| * A2008468 | TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2" CALIPER, BALLED AND BURLAPPED                         | EACH   | 49                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 49     |     |
| * B2000566 | TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED                  | EACH   | 14                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 14     |     |
| * B2001166 | TREE, CERCIS CANADENSIS (EASTERN REDBUD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED                              | EACH   | 17                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 17     |     |
| * B2001566 | TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED                         | EACH   | 18                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 18     |     |
| * B2001666 | TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED       | EACH   | 19                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 19     |     |
| * B2010070 | TREE, CLADRASTIS KENTUCKEA (AMERICAN YELLOWWOOD), 2" CALIPER, BALLED AND BURLAPPED                                 | EACH   | 7                      |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 7      |     |
| * C2003360 | SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 5' HEIGHT, BALLED AND BURLAPPED                                   | EACH   | 8                      |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 8      |     |
| * D2002484 | EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 7' HEIGHT, BALLED AND BURLAPPED | EACH   | 15                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 15     |     |
| * E2002066 | VINE-CAMPSIS RADICANS (TRUMPET VINE), 1-GALLON POT   | EACH   | 32                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 32     |     |
| * E2015061 | VINE-HYDRANGEA ANOMALA SUBSP. PETIOLARIS (CLIMBING HYDRANGEA), 1-GALLON POT  | EACH   | 32                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 32     |     |
| * E2021061 | VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT                         | EACH   | 736                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 736    |     |
| * K0012970 | PERENNIAL PLANTS, BULB TYPE  | UNIT   | 29                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 29     |     |
| * K0013060 | PERENNIAL PLANTS, SEDGE MEADOW TYPE, 2" DIAMETER BY 4" DEEP PLUG   | UNIT   | 147                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 147    |     |
| * K0026850 | PERENNIAL PLANT CARE   | SQ YD  | 3,500                  |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 3,500  |     |
| * K0028500 | SNAG PLACEMENT   | EACH   | 15                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 15     |     |
| * K0029626 | WEED CONTROL, TEASEL   | POUND  | 1                      |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 1      |     |
| * K0029632 | WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL   | GALLON | 5                      |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 5      |     |
| * K0029634 | WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE  | POUND  | 125                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 125    |     |
| * K1005863 | TREE ROOT PRUNING  | EACH   | 45                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 45     |     |
| X6020094   | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE  | EACH   | 1                      |  | 1  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| X0301423   | NOISE ABATEMENT WALL, GROUND MOUNTED   | SQ FT  | 6,814                  | 6,814  |  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| X6020294   | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE  | EACH   | 1                      |  | 1  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| X6020298   | MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE  | EACH   | 1                      |  | 1  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| X0322943   | BRIDGE DECK THIN POLYMER OVERLAY 1/4"  | SQ YD  | 231                    |  |  |  |  | 231  |   |  |   |   |                                    |                                      |                          |        |     |
| X0324097   | COARSE SAND PLACEMENT, 2"  | SQ YD  | 6,770                  |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 6,770  |     |
| X0325751   | DRIVING SOLDIER PILES  | FOOT   | 760                    | 760  |  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| 60224458   | MANHOLES, TYPE A, 8'-DIAMETER, TYPE 8 GRATE  | EACH   | 4                      |  | 4  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| * K1005428 | SEEDING, SEDGE MEADOW MIX  | ACRE   | 0.5                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 0.5    |     |
| X0327002   | STEEL CASINGS JACKED IN PLACE, 20"   | FOOT   | 125                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          |        | 125 |
| X2010300   | TREE REMOVAL (UNDER 6 UNITS DIAMETER)  | UNIT   | 80                     |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 80     |     |
| X2070304   | POROUS GRANULAR EMBANKMENT, SPECIAL  | CU YD  | 464                    |  |  |  | 464  |  |   |  |   |   |                                    |                                      |                          |        |     |
| * X2501820 | SEEDING, CLASS 5 (MODIFIED)  | ACRE   | 1.1                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 1.1    |     |
| * X2502014 | SEEDING, CLASS 4A (MODIFIED)   | ACRE   | 9.3                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 9.3    |     |
| * X2502024 | SEEDING, CLASS 4B (MODIFIED)   | ACRE   | 1.7                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 1.7    |     |
| * X2503315 | INTERSEEDING, CLASS 4A (MODIFIED)  | ACRE   | 5.0                    |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 5.0    |     |
| * X2510635 | HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL  | SQ YD  | 26,421                 |  |  |  |  |  |   |  |   |   |                                    |                                      |                          | 26,421 |     |
| X2800400   | PERIMETER EROSION BARRIER, SPECIAL   | FOOT   | 19,175                 | 19,175   |  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| X4021000   | TEMPORARY ACCESS (PRIVATE ENTRANCE)  | EACH   | 24                     | 24   |  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| X4022000   | TEMPORARY ACCESS (COMMERCIAL ENTRANCE)   | EACH   | 17                     | 17   |  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |
| X4023000   | TEMPORARY ACCESS (ROAD)  | EACH   | 15                     | 15   |  |  |  |  |   |  |   |   |                                    |                                      |                          |        |     |

\* SPECIALTY ITEM

FILE NAME = D162420-sh1-500.dgn  
 PLOT DATE = 12/3/2018  
 PLOT SCALE = 50.0000' / IN.



**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
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 CHICAGO, ILLINOIS 60606  
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|                         |           |
|-------------------------|-----------|
| DESIGNED - S.-J.P.      | REVISED - |
| DRAWN - A.C.S.          | REVISED - |
| CHECKED - M.P.          | REVISED - |
| DATE - DECEMBER 3, 2010 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|   |                           |            |                |
|---|---------------------------|------------|----------------|
| <b>SUMMARY OF QUANTITIES<br/>         IL. RTE. 56</b> |                           |            |                |
| SCALE: NONE   | SHEET NO. 10 OF 12 SHEETS | STA. 90+00 | TO STA. 255+00 |

|   |               |             |         |        |                    |           |
|---|---------------|-------------|---------|--------|--------------------|-----------|
| Rev. 1-7-11                                       |               | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 365   | (58&59) WRS-3 | DUPAGE      | 466     | 14     | CONTRACT NO. 62420 |           |
| FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT |               |             |         |        |                    |           |



# SUMMARY OF QUANTITIES

| CODE NO             | ITEM   | UNIT  | CONSTRUCTION TYPE CODE |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
|---------------------|--|-------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|--|-------------------------------|-----------------------|--------------|----------------|------|----|-------|
|                     |  |       | URBAN                  | NHF                      |                          |                          | CMF                      |                          |   | CONSTRUCTION TYPE CODE                                     |                               |                       |              | NHF            |      | TE |       |
|                     |  |       | TOTAL QUANTITIES       | 0003 ROADWAY IL. RTE. 56 | 0004 FERRY CREEK CULVERT | 0010 DUPAGE RIVER BRIDGE | 0014 PRAIRIE PATH BRIDGE | 0021 T.S. AT IL. RTE. 59 | 0021 T.S. AT BATAVIA RD. 80% FEDERAL 10% STATE 10% C.O.W. | 0021 T.S. AT WINFIELD RD. 80% FEDERAL 10% STATE 10% DUPAGE | 0021 INTERCONNECT IL. RTE. 56 | 0021 ROADWAY LIGHTING | 0021 SIGNING | 0031 LANDSCAPE | 0043 |    |       |
| <del>X4060685</del> | <del>TEST STRIP (STONE MATRIX ASPHALT)</del>                         | EACH  | 4                      | 4                        |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| <del>X4063500</del> | <del>PRELIMINARY TEST STRIP</del>                                    | EACH  | 4                      | 4                        |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X4240430            | PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL                   | SQ FT | 2,120                  |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    | 2,120 |
| <del>X5015200</del> | <del>REMOVE EXISTING CULVERTS</del>                                  | EACH  | 1                      | 1                        |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X5020501            | UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1              | EACH  | 1                      |                          |                          | 1                        |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X5537800            | STORM SEWERS TO BE CLEANED 12"                                       | FOOT  | 100                    | 100                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X5537900            | STORM SEWERS TO BE CLEANED 15"                                       | FOOT  | 719                    | 719                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X5538000            | STORM SEWERS TO BE CLEANED 18"                                       | FOOT  | 224                    | 224                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X5538200            | STORM SEWERS TO BE CLEANED 24"                                       | FOOT  | 891                    | 891                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X6020088            | MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID              | EACH  | 4                      | 4                        |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X7030030            | REFLECTIVE WET TEMPORARY TAPE, TYPE III, 4 INCH                      | FOOT  | 92,650                 | 92,650                   |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X7030040            | REFLECTIVE WET TEMPORARY TAPE, TYPE III, 6 INCH                      | FOOT  | 4,473                  | 4,473                    |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X7030025            | REFLECTIVE WET TEMPORARY TAPE, TYPE III-LETTERS AND SYMBOLS          | SQ FT | 1,920                  | 1,920                    |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| X7030055            | REFLECTIVE WET TEMPORARY TAPE, TYPE III, 24 INCH                     | FOOT  | 842                    | 842                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| * X7810300          | RECESSED REFLECTIVE PAVEMENT MARKER                                  | EACH  | 263                    | 263                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| * X8050015          | SERVICE INSTALLATION - POLE MOUNTED                                  | EACH  | 3                      |                          |                          |                          |                          |                          | 1   | 1  | 1                             |                       |              |                |      |    |       |
| * X8250085          | LIGHTING CONTROLLER, DUPLEX CONSOLE TYPE                             | EACH  | 1                      |                          |                          |                          |                          |                          |   |  |                               | 1                     |              |                |      |    |       |
| * X8620020          | UNINTERRUPTIBLE POWER SUPPLY   | EACH  | 3                      |                          |                          |                          |                          |                          | 1   | 1  | 1                             |                       |              |                |      |    |       |
| * X8710020          | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F              | FOOT  | 6,774                  |                          |                          |                          |                          |                          |   |  |                               |                       | 6,774        |                |      |    |       |
| <del>X8730027</del> | <del>ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6-10</del>            | FOOT  | 3,349                  |                          |                          |                          |                          |                          | 903   | 1,460  | 986                           |                       |              |                |      |    |       |
| * X8730320          | ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED SIGNAL      | FOOT  | 3,934                  |                          |                          |                          |                          |                          | # 1,144   | # 1,662  | ## 1,126                      |                       |              |                |      |    |       |
| * XX005920          | SEEDING WET PRAIRIE  | ACRE  | 3.3                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    | 3.3   |
| * XX006144          | SEEDING, MESIC PRAIRIE   | ACRE  | 1.3                    |                          |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    | 1.3   |
| Z0001050            | AGGREGATE SUBGRADE 12"   | SQ YD | 192,481                | 192,481                  |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0001900            | ASBESTOS BEARING PAD REMOVAL   | EACH  | 68                     |                          |                          | 68                       |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0004552            | APPROACH SLAB REMOVAL  | SQ YD | 653                    | 653                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0007118            | UNTREATED TIMBER LAGGING   | SQ FT | 1,200                  | 1,200                    |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0007430            | TEMPORARY SIDEWALK   | SQ FT | 10,292                 | 10,292                   |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0012100            | CONCRETE BRIDGE DECK SCARIFICATION (1/4 INCH)                        | SQ YD | 231                    |                          |                          |                          |                          | 231                      |   |  |                               |                       |              |                |      |    |       |
| Z0012754            | STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES) | SQ FT | 11                     |                          |                          |                          |                          | 11                       |   |  |                               |                       |              |                |      |    |       |
| Z0012755            | STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)          | SQ FT | 1                      |                          |                          |                          |                          | 1                        |   |  |                               |                       |              |                |      |    |       |
| Z0013797            | STABILIZED CONSTRUCTION ENTRANCE                                     | SQ YD | 200                    | 200                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0013798            | CONSTRUCTION LAYOUT  | L SUM | 1                      | 1                        |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0016001            | DECK SLAB REPAIR (FULL DEPTH, TYPE I)                                | SQ YD | 1                      |                          |                          |                          |                          | 1                        |   |  |                               |                       |              |                |      |    |       |
| Z0016002            | DECK SLAB REPAIR (FULL DEPTH, TYPE II)                               | SQ YD | 1                      |                          |                          |                          |                          | 1                        |   |  |                               |                       |              |                |      |    |       |
| <del>Z0018002</del> | <del>DRAINAGE SCUPPERS, DS-11</del>                                  | EACH  | 4                      |                          |                          |                          |                          | 4                        |   |  |                               |                       |              |                |      |    |       |
| <del>Z0018800</del> | <del>DRAINAGE SYSTEM</del>   | L SUM | 1                      |                          |                          |                          |                          | 1                        |   |  |                               |                       |              |                |      |    |       |
| Z0024478            | FLEXIBLE DELINEATORS   | EACH  | 10                     | 10                       |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0026402            | FURNISHING SOLDIER PILES (HP SECTION)                                | FOOT  | 760                    | 760                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0026407            | TEMPORARY SHEET PILING   | SQ FT | 4,400                  | 3,150                    | 750                      | 500                      |                          |                          |   |  |                               |                       |              |                |      |    |       |
| Z0030240            | IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2       | EACH  | 4                      | 4                        |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |
| * Z0030850          | TEMPORARY INFORMATION SIGNING  | SQ FT | 398                    | 398                      |                          |                          |                          |                          |   |  |                               |                       |              |                |      |    |       |

\* SPECIALTY ITEM

FILE NAME = D:\62420-sh-1-500.dgn  
 PLOT DATE = 12/3/2010  
 PLOT SCALE = 50.0000' / IN.

**CHRISTIAN ROGE & ASSOCIATES, INC.**  
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|                         |           |
|-------------------------|-----------|
| DESIGNED - S.J.P.       | REVISED - |
| DRAWN - A.C.S.          | REVISED - |
| CHECKED - M.P.          | REVISED - |
| DATE - DECEMBER 3, 2010 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
**IL. RTE. 56**

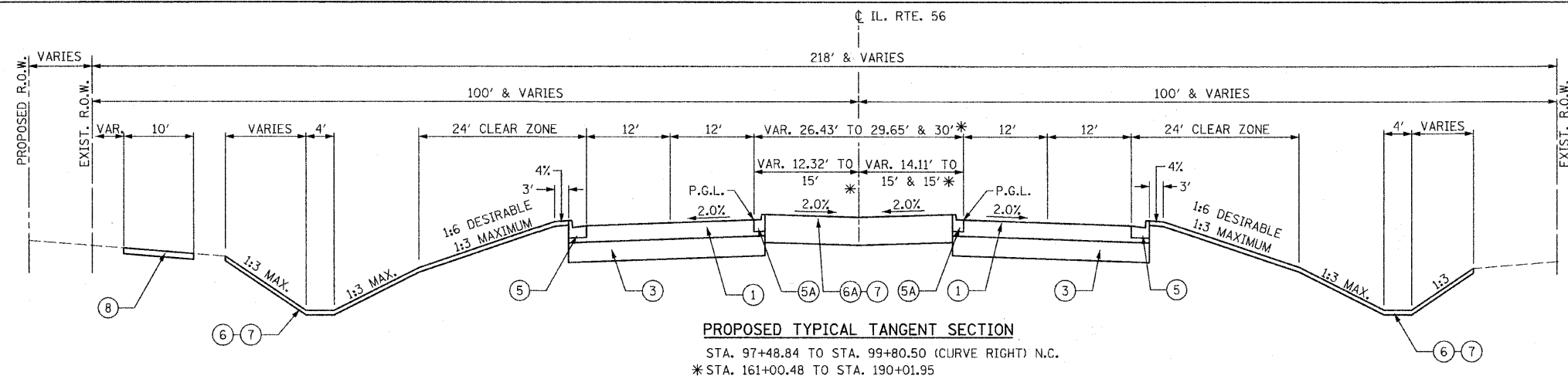
|                    |               |        |                  |
|--------------------|---------------|--------|------------------|
| F.A.P. RTE.        | SECTION       | COUNTY | TOTAL SHEETS NO. |
| 365                | (58&59) WRS-3 | DUPAGE | 466 15           |
| CONTRACT NO. 62420 |               |        |                  |

SCALE: NONE    SHEET NO. 11 OF 12 SHEETS    STA. 90+00    TO STA. 255+00    FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

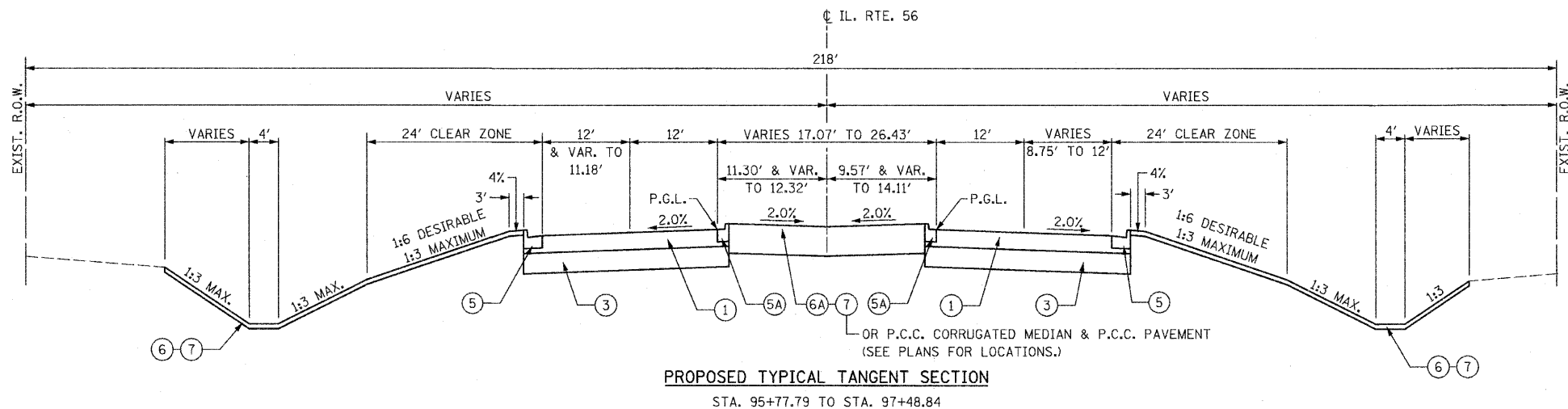
## - DENOTES 100% CITY OF WARRENVILLE FIRE PROTECTION DIST.    # - DENOTES 100% CITY OF WARRENVILLE    R&V. 1-7-11

# SUMMARY OF QUANTITIES

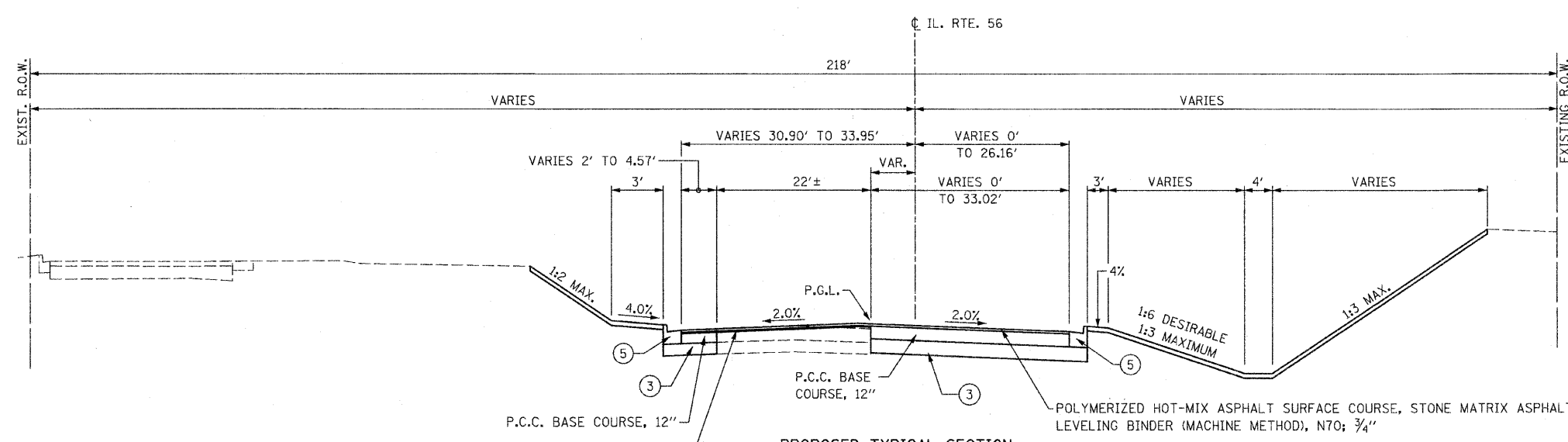
| CODE NO             | ITEM   | UNIT                  | TOTAL QUANTITIES      | CONSTRUCTION TYPE CODE |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
|---------------------|--|-----------------------|-----------------------|------------------------|--------------------------|----------------------------------|--------------------------|--------------------------|--------------------------|---|---------------------------------------|-------------------------------|-----------------------|--------------|----------------|------|-------|-------|
|                     |  |                       |                       | URBAN                  | NHF                      |                                  |                          | CMF                      |                          |   |                                       | NHF                           |                       |              | 0043           |      |       |       |
|                     |  |                       |                       |                        | 0003 ROADWAY IL. RTE. 56 | 0004 FERRY CREEK CULVERT         | 0010 DUPAGE RIVER BRIDGE | 0014 PRAIRIE PATH BRIDGE | 0021 T.S. AT IL. RTE. 59 | 0021 T.S. AT BATAVIA RD. 80% FEDERAL 10% STATE 10% C.O.W. | 0021 T.S. AT WINFIELD RD. 80% FEDERAL | 0021 INTERCONNECT IL. RTE. 56 | 0021 ROADWAY LIGHTING | 0021 SIGNING | 0031 LANDSCAPE | 0043 |       |       |
|                     | 80% FEDERAL 20% STATE  | 80% FEDERAL 20% STATE | 80% FEDERAL 20% STATE | 80% FEDERAL 20% STATE  | 80% FEDERAL 20% STATE    | 80% FEDERAL 10% STATE 10% DuPAGE | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE    | 80% FEDERAL 20% STATE                                     | 80% FEDERAL 20% STATE                 | 100% CITY OF WARRENVILLE      |                       |              |                |      |       |       |
| * Z0033020          | LUMINAIRE SAFETY CABLE ASSEMBLY  | EACH                  | 28                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| * Z0033028          | MAINTENANCE OF LIGHTING SYSTEM   | CAL MO                | 16                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| * Z0033044          | RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1  | EACH                  | 1                     |                        |                          |                                  |                          |                          |                          |   |                                       |                               | 1                     |              |                |      |       |       |
| * Z0033056          | OPTIMIZE TRAFFIC SIGNAL SYSTEM   | EACH                  | 1                     |                        |                          |                                  |                          |                          |                          |   |                                       |                               | 1                     |              |                |      |       |       |
| * Z0033090          | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C   | FOOT                  | 6,739                 |                        |                          |                                  |                          |                          |                          |   |                                       |                               | 6,739                 |              |                |      |       |       |
| * Z0033094          | ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)   | FOOT                  | 3,386                 |                        |                          |                                  |                          |                          |                          | 903   | 1,497                                 | 986                           |                       |              |                |      |       |       |
| * Z0042002          | POROUS GRANULAR EMBANKMENT, SUBGRADE   | CU YD                 | 10,568                |                        | 10,568                   |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0044900            | PRESSURE CONNECTION 10" x 10"  | EACH                  | 2                     |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       | 2     |
| Z0045100            | PRESSURE CONNECTION 12" x 12"  | EACH                  | 1                     |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       | 1     |
| Z0046304            | PIPE UNDERDRAINS FOR STRUCTURES 4"   | FOOT                  | 833                   |                        | 266                      |                                  | 567                      |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0048665            | RAILROAD PROTECTIVE LIABILITY INSURANCE  | L SUM                 | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| * Z0054400          | ROCK FILL  | CU YD                 | 662                   |                        |                          | 662                              |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0056608            | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH  | FOOT                  | 312                   |                        | 312                      |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0056610            | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH  | FOOT                  | 266                   |                        | 266                      |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0056612            | STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH  | FOOT                  | 142                   |                        | 142                      |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0062456            | TEMPORARY PAVEMENT   | SQ YD                 | 3,797                 |                        | 3,797                    |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0064800            | SELECTIVE CLEARING   | UNIT                  | 38                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                | 38   |       |       |
| Z0067700            | STEEL CASINGS 20"  | FOOT                  | 160                   |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       | 160   |
| * Z0073510          | TEMPORARY TRAFFIC SIGNAL TIMING  | EACH                  | 3                     |                        |                          |                                  |                          |                          |                          | 1   | 1                                     | 1                             |                       |              |                |      |       |       |
| <del>Z0076600</del> | <del>TRAINEES</del>  | <del>HOUR</del>       |                       |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| Z0077900            | WOOD POST AND RAIL FENCE   | FOOT                  | 880                   |                        | 880                      |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| XX008001            | AGGREGATE PATH, 8"   | SQ YD                 | 900                   |                        | 900                      |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| X4200501            | PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) 10" SPECIAL  | SQ YD                 | 1,121                 |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       | 1,121 |
| * 56105700          | INSERTION VALVES 10"   | EACH                  | 1                     |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       | 1     |
| * XX008156          | LINE STOPS 10"   | EACH                  | 2                     |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       | 2     |
| * X6300130          | STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)  | FOOT                  | 100                   |                        | 100                      |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001001            | BOX CULVERT END SECTIONS, CULVERT NO. 1  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| * 21101695          | TOPSOIL FURNISH AND PLACE, 30"   | SQ YD                 | 1,263                 |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      | 1,263 |       |
| * A2012000          | TREE, AESCULUS ARNOLDIANA (AUTUMN SPLENDOR HORSECHESTNUT), 2" CALIPER, BALLED AND BURLAPPED        | EACH                  | 16                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      | 16    |       |
| * A2001114          | TREE, ACER RUBRUM MAGNIFICENT MAGENTA (BURGUNDY BELLE RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED | EACH                  | 19                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      | 19    |       |
| * A2001612          | TREE, ACER SACCHARINUM MORTON (CRESCENDO SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED            | EACH                  | 28                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      | 28    |       |
| * B2004150          | TREE, MALUS PRAIRIE ROSE (PRAIRIE ROSE CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED     | EACH                  | 18                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      | 18    |       |
| * K0012990          | PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT  | UNIT                  | 48                    |                        |                          |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      | 48    |       |
| 54001002            | BOX CULVERT END SECTIONS, CULVERT NO. 2  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001003            | BOX CULVERT END SECTIONS, CULVERT NO. 3  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001004            | BOX CULVERT END SECTIONS, CULVERT NO. 4  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001005            | BOX CULVERT END SECTIONS, CULVERT NO. 5  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001006            | BOX CULVERT END SECTIONS, CULVERT NO. 6  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001007            | BOX CULVERT END SECTIONS, CULVERT NO. 7  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001008            | BOX CULVERT END SECTIONS, CULVERT NO. 8  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001009            | BOX CULVERT END SECTIONS, CULVERT NO. 9  | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001010            | BOX CULVERT END SECTIONS, CULVERT NO. 10   | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001011            | BOX CULVERT END SECTIONS, CULVERT NO. 11   | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001012            | BOX CULVERT END SECTIONS, CULVERT NO. 12   | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001013            | BOX CULVERT END SECTIONS, CULVERT NO. 13   | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |
| 54001014            | BOX CULVERT END SECTIONS, CULVERT NO. 14   | EACH                  | 1                     |                        | 1                        |                                  |                          |                          |                          |   |                                       |                               |                       |              |                |      |       |       |



**PROPOSED TYPICAL TANGENT SECTION**  
 STA. 97+48.84 TO STA. 99+80.50 (CURVE RIGHT) N.C.  
 \*STA. 161+00.48 TO STA. 190+01.95



**PROPOSED TYPICAL TANGENT SECTION**  
 STA. 95+77.79 TO STA. 97+48.84



**PROPOSED TYPICAL SECTION**  
 STA. 90+00 TO STA. 95+15 LT. (P.C.C. BASE COURSE, 12'')  
 STA. 90+00 TO STA. 95+77.79 RT. (P.C.C. BASE COURSE, 12'')  
 STA. 95+15 TO STA. 95+77.79 LT. (HOT MIX ASPHALT FULL DEPTH, 14'')

- PROPOSED LEGEND**
- ① HMA PAVEMENT (FULL DEPTH), 14"
  - ② POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
  - ③ POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
  - ④ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"
  - ⑤ NOT USED
  - ⑥ AGGREGATE SUBGRADE, 12"
  - ⑦ HOT-MIX ASPHALT SHOULDERS, 14"
  - ⑧ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - ⑨ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - ⑩ FURNISHING & PLACING TOPSOIL, 8"
  - ⑪ FURNISHING & PLACING TOPSOIL, 24"
  - ⑫ SEE LANDSCAPING PLANS FOR SEEDING AND SODDING LIMITS
  - ⑬ HOT-MIX ASPHALT PATH, 10"
  - ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
  - ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
  - ⑯ AGGREGATE BASE COURSE, TYPE B, 6"
  - ⑰ AGGREGATE SHOULDER, TYPE B, 8" (2' WIDTH)
  - ⑱ PIPE UNDERDRAINS, 4"

FILE NAME = D162420-shr-typical12.dgn  
 PLOT DATE = 12/29/2010  
 PLOT SCALE = 1/8" = 1' IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

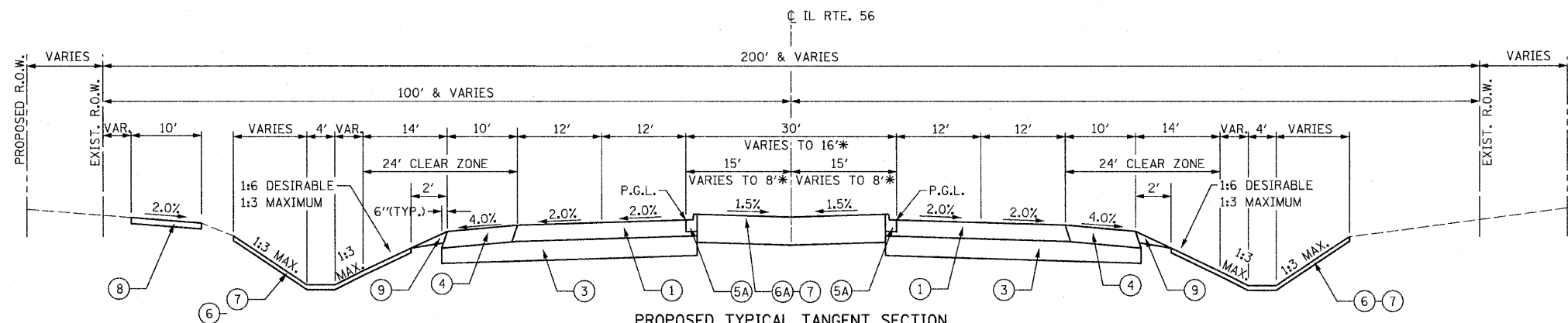
DESIGNED - D.L.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - DECEMBER 3, 2010

REVISED 1 - ADDENDUM 1 12-28-2010  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**  
**IL. RTE. 56**  
 SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

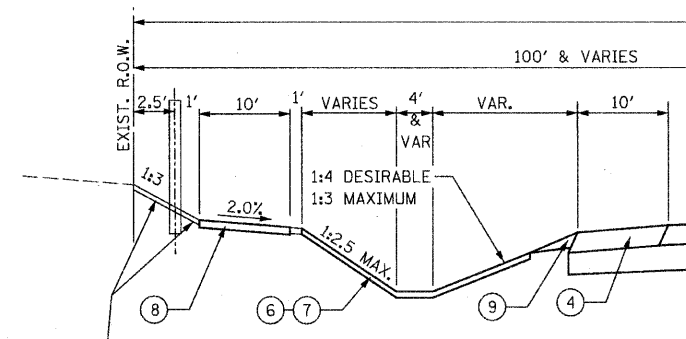
| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------------|--------|--------------|-----------|
| 365   | (58&59) WRS-3 | DUPAGE | 466          | 18        |
| CONTRACT NO. 62420                              |               |        |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        |              |           |



**PROPOSED TYPICAL TANGENT SECTION**

STA. 99+80.50 TO STA. 124+81.96  
 STA. 124+81.96 TO STA. 144+07.82 \*\* 6' WIDE DITCH  
 STA. 202+46.81 TO STA. 207+76.71  
 STA. 234+46.96 TO STA. 239+23.56  
 STA. 239+23.56 TO STA. 255+00 (CURVE LEFT) N.C.  
 BRIDGE AND APPROACH SLAB OMISSION:  
 STA. 247+57.69 TO STA. 248+47.83 LT.  
 STA. 247+57.82 TO STA. 248+47.69 RT.

\* MEDIAN WIDTH VARIES  
 STA. 241+40 TO STA. 254+59.46



**PROPOSED TYPICAL TANGENT SECTION AT NOISE WALL**

STA. 137+20 TO STA. 145+00

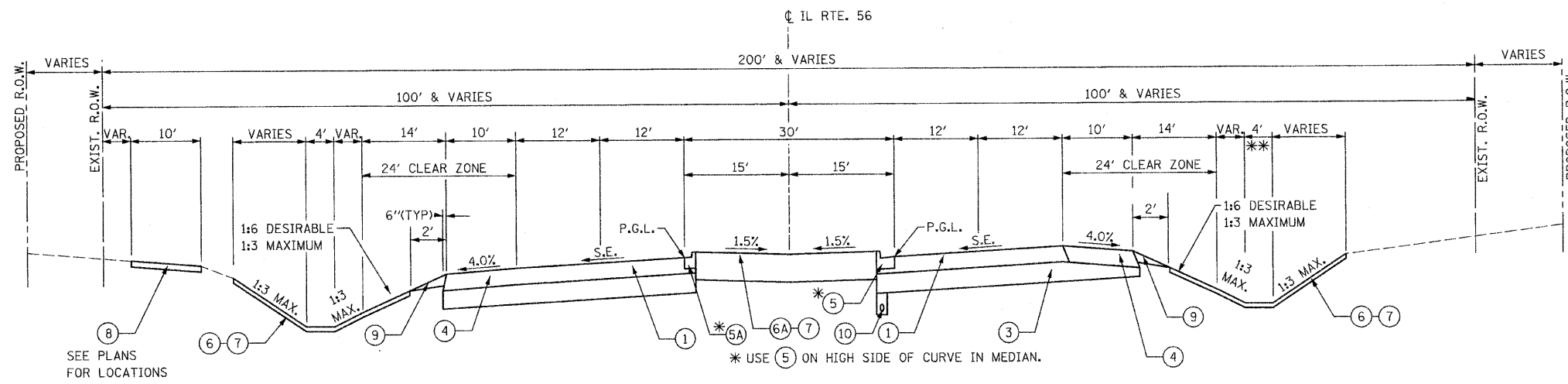
FURNISH AND PLACE TOPSOIL, 12"

|  |                |          |
|--|----------------|----------|
| STRUCTURAL DESIGN TRAFFIC: DP = 20 YEARS                 |                |          |
| PV = 35,529  | SU = 1,591     | MU = 758 |
| ROAD/STREET CLASSIFICATION: CLASS = 1 DESIG. = 12        |                |          |
| P = 32%  | S = 45%        | M = 45%  |
| TRAFFIC FACTOR: HMA ACTUAL TF = 23.91 HMA MIN. TF = 6.03 |                |          |
| RIGID ACTUAL TF = 5.22 RIGID MIN. TF = 4.27              |                |          |
| SUBGRADE SUPPORT RATING:                                 |                |          |
| SSR =  | (STA. TO STA.) |          |
| SSR =  | (STA. TO STA.) |          |

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS   |                              |
|--|------------------------------|
| MIXTURE TYPE   | AIR VOIDS @ N <sub>des</sub> |
| <b>PAVEMENT RESURFACING - ILLINOIS ROUTE 56 &amp; WINFIELD ROAD</b>                      |                              |
| POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80; 2"                            | 3.5% @ 80 GYR.               |
| LEVELING BINDER (MACHINE METHOD), N70; 3/4" MIN & VARIES                                 | 4% @ 70 GYR.                 |
| <b>FULL DEPTH PAVEMENT, 14" - IL. RTE. 56, IL. RTE. 59, BATAVIA RD &amp; WINFIELD RD</b> |                              |
| POLYMERIZED SURFACE COURSE, STONE MATRIX ASPHALT, N80; 2"                                | 3.5% @ 80 GYR.               |
| POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80; 2"                             | 3.5% @ 80 GYR.               |
| POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 10" (3 LIFTS)                               | 4% @ 90 GYR.                 |
| <b>TEMPORARY PAVEMENT FOR TRAFFIC STAGING</b>  |                              |
| HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 1/2"                                     | 4% @ 50 GYR.                 |
| TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 8 1/2" (2 LIFTS)                               | 4% @ 50 GYR.                 |
| <b>HMA RAMP FOR TRAFFIC STAGING</b>  |                              |
| INCIDENTAL HOT-MIX ASPHALT SURFACING   |                              |
| HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)   | 4% @ 50 GYR.                 |
| VARIABLE THICKNESS; 1 1/2" MINIMUM   |                              |
| <b>TEMPORARY SIDEWALK</b>  |                              |
| LEVELING BINDER (HAND METHOD), IL-4.75, N50; 2"  | 4% @ 50 GYR.                 |
| <b>DRIVEWAYS</b>   |                              |
| HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"   | 4% @ 50 GYR.                 |
| HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 6", CE - 8"                                  | 4% @ 50 GYR.                 |
| <b>PATCHING</b>  |                              |
| CLASS D PATCH (HMA BINDER IL-19 mm); 10"   | 4% @ 70 GYR.                 |
| HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm); 2 1/4" MIN.                          | 4% @ 70 GYR.                 |
| <b>HMA PATH AND WINFIELD ROAD MEDIAN</b>   |                              |
| HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 1 1/2"                                     | 4% @ 50 GYR.                 |
| HMA BINDER COURSE, IL-19.0, N50; 2 1/2"  | 4% @ 50 GYR.                 |
| <b>HMA SHOULDERS, 14"</b>  |                              |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"   | 4% @ 70 GYR.                 |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"                                      | 4% @ 70 GYR.                 |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 9 3/4" (3 LIFTS)                            | 4% @ 70 GYR.                 |

- PROPOSED LEGEND**
- ① HMA PAVEMENT (FULL DEPTH), 14"  
 POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, IL-19.0, N80, 10"
  - ② NOT USED
  - ③ AGGREGATE SUBGRADE, 12"
  - ④ HOT-MIX ASPHALT SHOULDERS, 14"
  - ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - ⑤A COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - ⑥ FURNISHING & PLACING TOPSOIL, 8"
  - ⑥A FURNISHING & PLACING TOPSOIL, 24"
  - ⑦ SEE LANDSCAPING PLANS FOR SEEDING AND SODDING LIMITS
  - ⑧ HOT-MIX ASPHALT PATH, 10"  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"  
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"  
 AGGREGATE BASE COURSE, TYPE B, 6"
  - ⑨ AGGREGATE SHOULDER, TYPE B, 8" (2' WIDTH)
  - ⑩ PIPE UNDERDRAINS, 4"

- NOTES:**
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE AND BINDER MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
  2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
  3. **TEMPORARY PAVEMENT:** CONTRACTOR HAS THE OPTION OF HOT-MIX ASPHALT OR CONCRETE. IF CONTRACTOR CHOOSES CONCRETE, THE THICKNESS SHALL BE 10".
  4. **TEMPORARY SIDEWALK:** CONTRACTOR HAS THE OPTION OF HOT-MIX ASPHALT OR CONCRETE. IF CONTRACTOR CHOOSES CONCRETE, THE THICKNESS SHALL BE 2".
  5. CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
  6. PAY FOR PERFORMANCE (PFP) SPECIFICATIONS SHALL APPLY TO SMA SURFACE AND SMA BINDER ONLY.



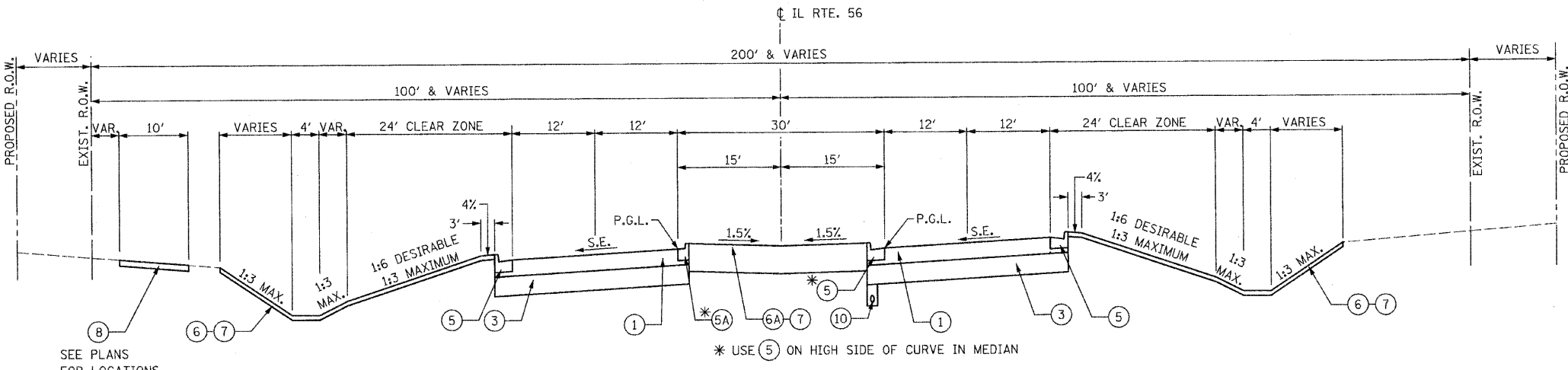
**PROPOSED TYPICAL SUPERELEVATED SECTION WITH SHOULDER**

STA. 144+07.82 TO STA. 155+20 (CURVE LEFT) S.E. = 3.14%  
 \*\*\* STA. 190+01.95 TO STA. 202+46.81 (CURVE LEFT) S.E. = 2.20%  
 STA. 207+76.71 TO STA. 234+46.96 (CURVE RIGHT) S.E. = 3.02%

\*\* STA. 144+07.82 TO STA. 150+50  
 USE 6' WIDE DITCH

\*\*\* BRIDGE AND APPROACH SLAB OMISSION:  
 STA. 191+17 TO STA. 193+42 LT.  
 STA. 191+34 TO STA. 193+58 RT.

- PROPOSED LEGEND**
- ① HMA PAVEMENT (FULL DEPTH), 14"  
 POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"
  - ② NOT USED
  - ③ AGGREGATE SUBGRADE, 12"
  - ④ HOT-MIX ASPHALT SHOULDERS, 14"
  - ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - ⑤A COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - ⑥ FURNISHING & PLACING TOPSOIL, 8"
  - ⑥A FURNISHING & PLACING TOPSOIL, 24"
  - ⑦ SEE LANDSCAPING PLANS FOR SEEDING AND SODDING LIMITS
  - ⑧ HOT-MIX ASPHALT PATH, 10"  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"  
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"  
 AGGREGATE BASE COURSE, TYPE B, 6"
  - ⑨ AGGREGATE SHOULDER, TYPE B, 8" (2' WIDTH)
  - ⑩ PIPE UNDERDRAINS, 4"



**PROPOSED TYPICAL SUPERELEVATED SECTION WITH CURB & GUTTER**

STA. 155+20 TO STA. 161+00.48 (CURVE LEFT) S.E. = 3.14%

FILE NAME = D162420-sht-typical4.dgn  
 PLOT DATE = 12/29/2010  
 PLOT SCALE = 1/8" = 1' / IN.

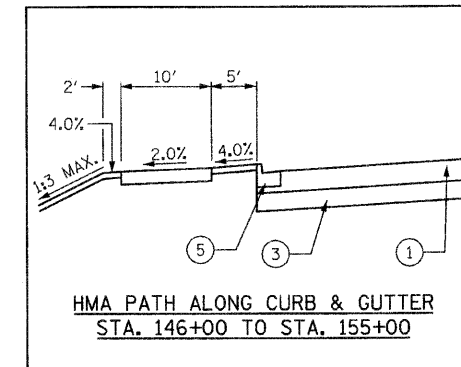
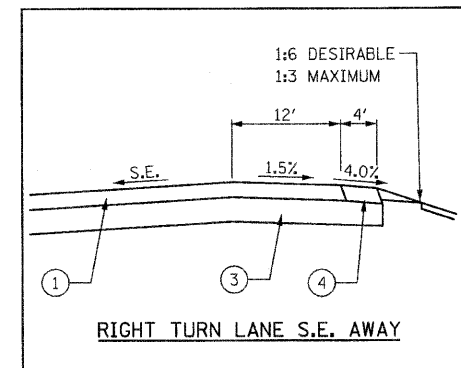
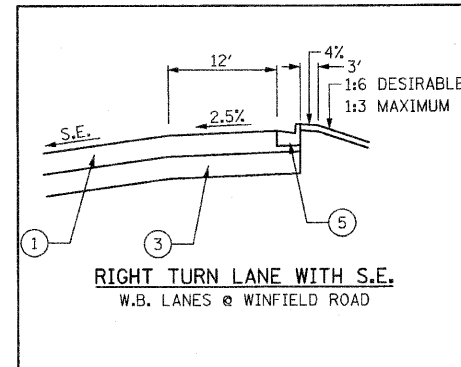
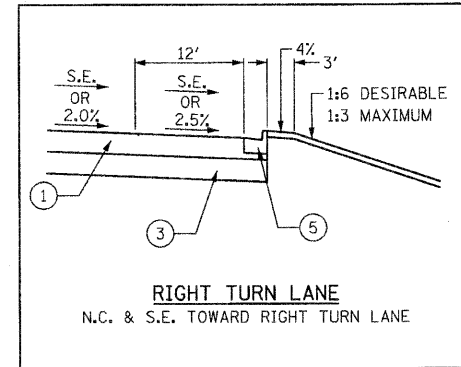
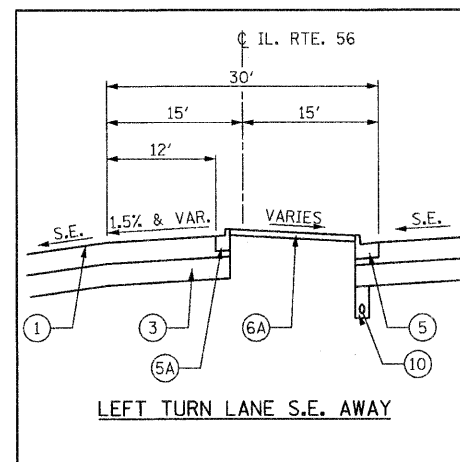
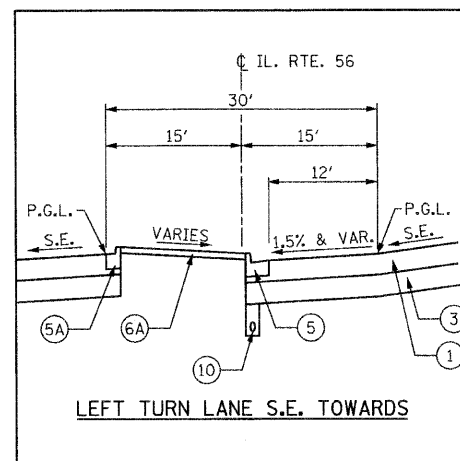
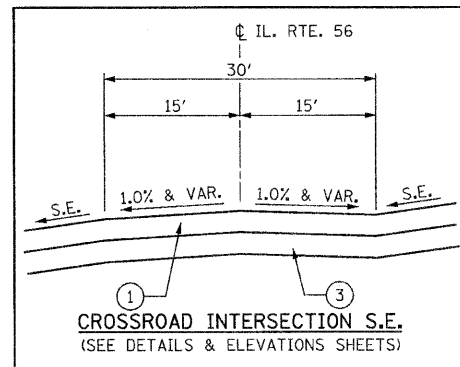
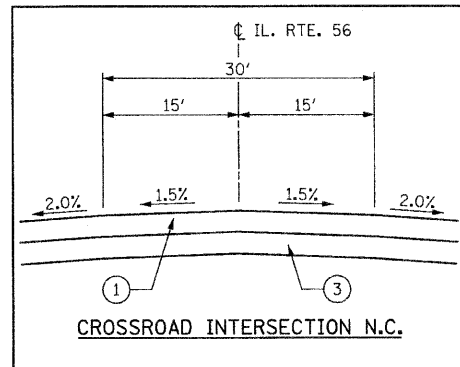
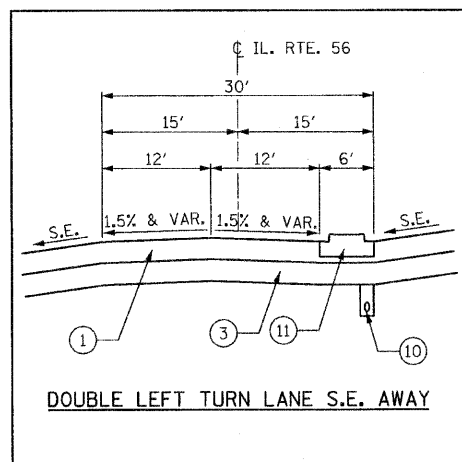
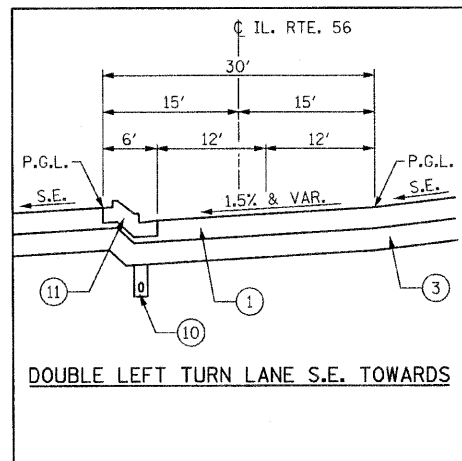
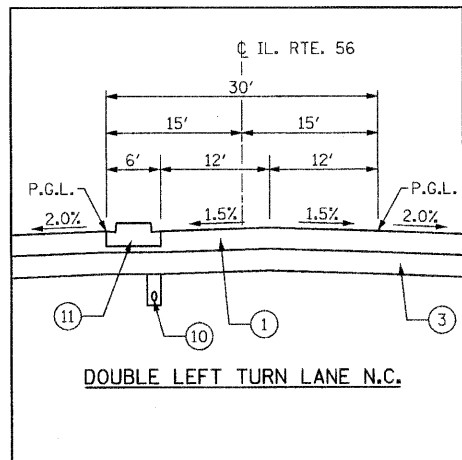
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

|                         |                                 |
|-------------------------|---------------------------------|
| DESIGNED - D.L.         | REVISED 1 ADDENDUM 1 12-28-2010 |
| DRAWN - B.K.            | REVISED -                       |
| CHECKED - M.P.          | REVISED -                       |
| DATE - DECEMBER 3, 2010 | REVISED -                       |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

|                                  |                         |
|----------------------------------|-------------------------|
| <b>PROPOSED TYPICAL SECTIONS</b> |                         |
| <b>IL RTE. 56</b>                |                         |
| SCALE: NONE                      | SHEET NO. 3 OF 3 SHEETS |
| STA. _____                       | TO STA. _____           |

|   |                       |               |                    |              |
|---|-----------------------|---------------|--------------------|--------------|
| F.A.P. RTE. 365                                 | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 466   | SHEET NO. 20 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                       |               | CONTRACT NO. 62420 |              |



**PROPOSED LEGEND**

- ① HMA PAVEMENT (FULL DEPTH), 14"
- ② NOT USED
- ③ AGGREGATE SUBGRADE, 12"
- ④ HOT-MIX ASPHALT SHOULDERS, 14"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤A COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑥ FURNISHING & PLACING TOPSOIL, 8"
- ⑥A FURNISHING & PLACING TOPSOIL, 24"
- ⑦ SEE LANDSCAPING PLANS FOR SEEDING AND SODDING LIMITS
- ⑧ HOT-MIX ASPHALT PATH, 10"
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑧ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
- ⑧ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑨ AGGREGATE SHOULDER, TYPE B, 8" (2' WIDTH)
- ⑩ PIPE UNDERDRAINS, 4"
- ⑪ SEE NOTES 1 & 2.

**NOTES:**

- 1. SEE PLANS FOR TYPE OF SOLID BARRIER MEDIAN.
- 2. CONCRETE MEDIAN TYPE SB-6.24 (SPECIAL) SHALL CONSIST OF A 12" AND 24" GUTTER FLAG WITH A 6" BARRIER CURB. THE 24" GUTTER FLAG SHALL BE PLACED ON THE GUTTER CONVEYANCE SIDE OF THE MEDIAN. THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 606 AND STANDARD 606306.

FILE NAME = 0162420-shr-typical5.dgn  
PLOT DATE = 12/29/2010  
PLOT SCALE = 10,000' / IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

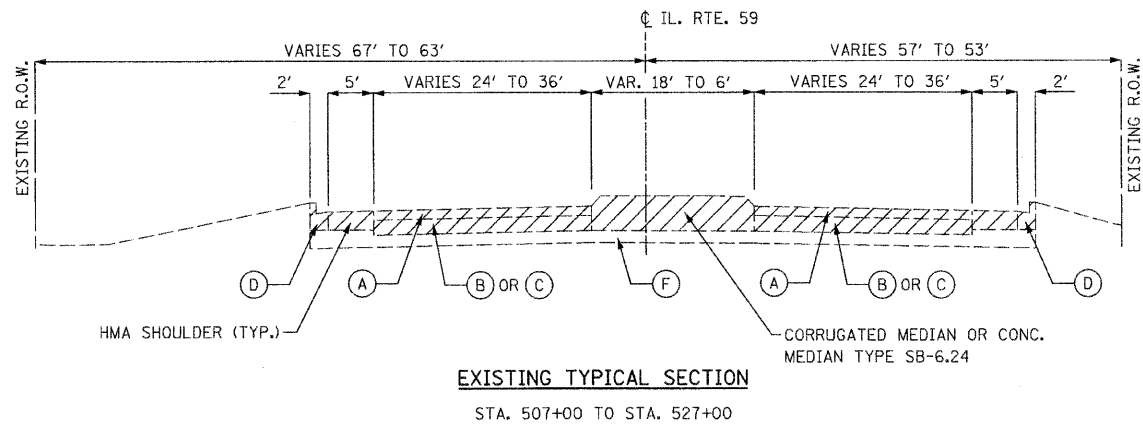
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|-------------------------|---------------------------------|
| DESIGNED - D.L.         | REVISED/1 ADDENDUM 1 12-28-2010 |
| DRAWN - B.K.            | REVISED -                       |
| CHECKED - M.P.          | REVISED -                       |
| DATE - DECEMBER 3, 2010 | REVISED -                       |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTION DETAILS**  
**IL. RTE. 56**

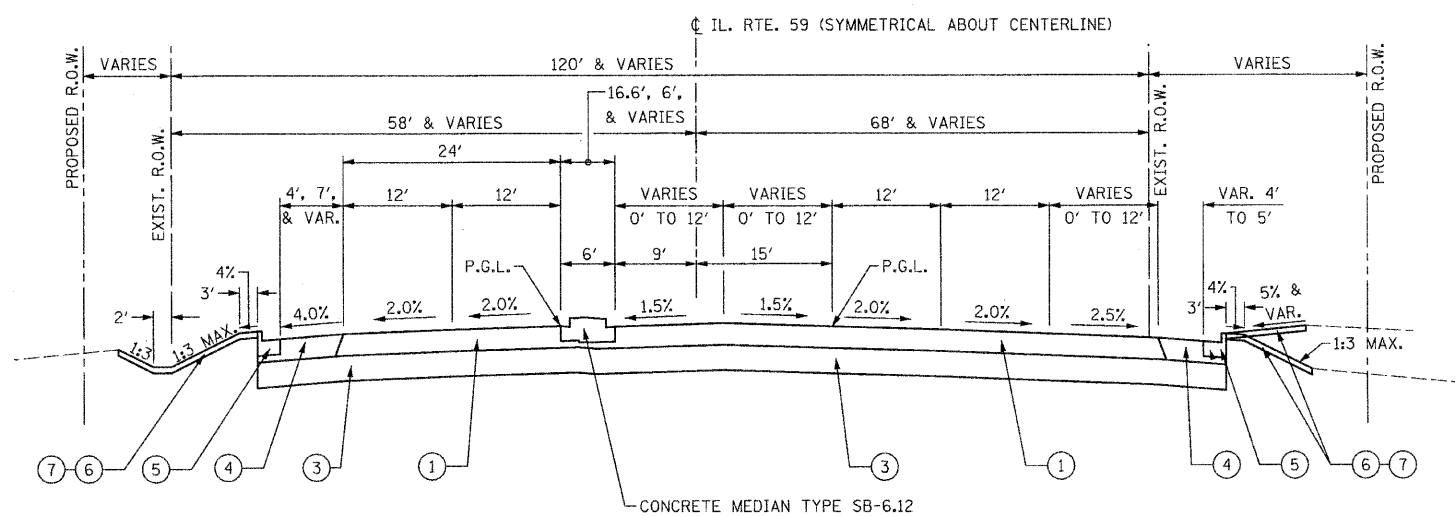
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

|   |                       |               |                  |                    |
|---|-----------------------|---------------|------------------|--------------------|
| F.A.P. RTE. 365                                 | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 466 | SHEET NO. 21       |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                       |               |                  | CONTRACT NO. 62420 |



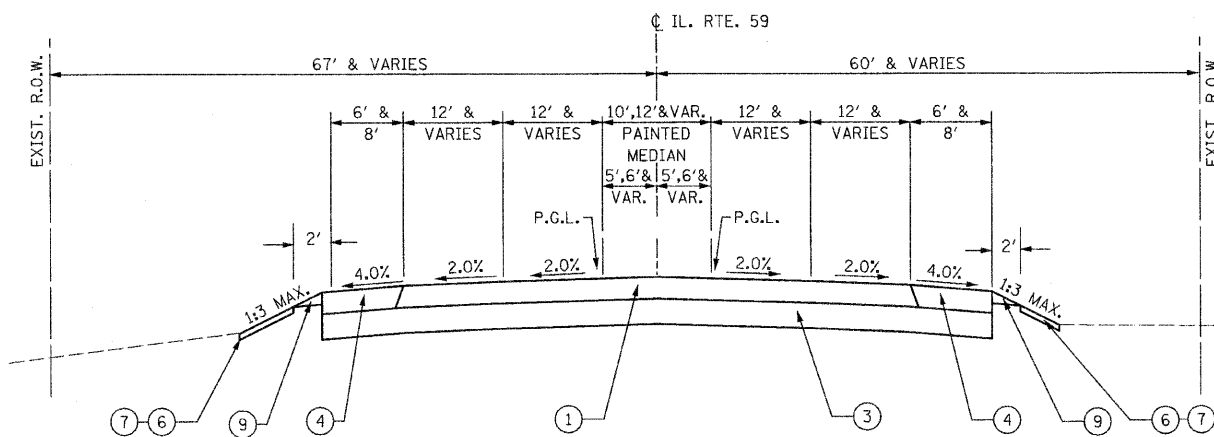
**EXISTING TYPICAL SECTION**  
STA. 507+00 TO STA. 527+00

- EXISTING LEGEND**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 15 3/4"±
  - (B) P.C.C. BASE COURSE, 8"±
  - (C) HOT-MIX ASPHALT PAVEMENT, 19"±
  - (D) P.C.C. COMBINATION CURB AND GUTTER
  - (E) P.C.C. SIDEWALK
  - (F) SUB-BASE GRANULAR MATERIAL, 4" & VARIES
  - REMOVAL ITEMS



**PROPOSED TYPICAL SECTION**  
STA. 510+08.00 TO STA. 516+13.00  
STA. 518+00.00 TO STA. 524+60.00

- PROPOSED LEGEND**
- (1) HMA PAVEMENT (FULL DEPTH), 14"
  - (2) POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
  - (3) POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
  - (4) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"
  - (5) NOT USED
  - (6) AGGREGATE SUBGRADE, 12"
  - (7) HOT-MIX ASPHALT SHOULDERS, 14"
  - (8) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - (10) FURNISHING & PLACING TOPSOIL, 8"
  - (11) FURNISHING & PLACING TOPSOIL, 24"
  - (12) SEE LANDSCAPING PLANS FOR SEEDING AND SODDING LIMITS
  - (13) HOT-MIX ASPHALT PATH, 10"
  - (14) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
  - (15) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
  - (16) AGGREGATE BASE COURSE, TYPE B, 6"
  - (17) AGGREGATE SHOULDER, TYPE B, 8" (2' WIDTH)
  - (18) PIPE UNDERDRAINS, 4"



**PROPOSED TYPICAL SECTION**  
STA. 507+00.00 TO STA. 510+08.00  
STA. 524+60.00 TO STA. 527+00.00

FILE NAME = 0162428-ah-t-typic16.dgn  
PLOT DATE = 12/29/2010  
PLOT SCALE = 1/8" = 1' / IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

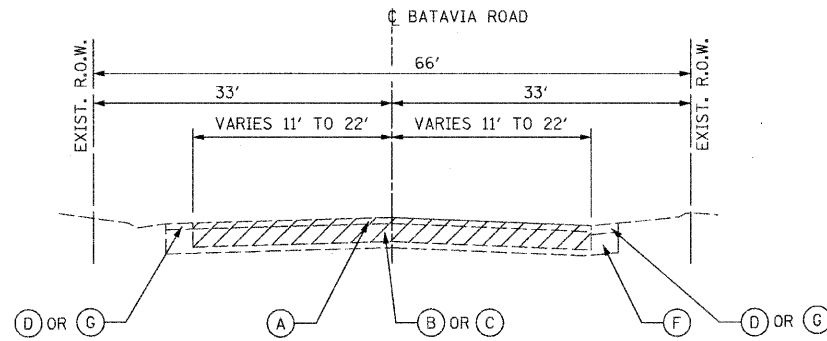
|                         |                                     |
|-------------------------|-------------------------------------|
| DESIGNED - D.L.         | REVISED / 1 - ADDENDUM 1 12-28-2010 |
| DRAWN - B.K.            | REVISED -                           |
| CHECKED - M.P.          | REVISED -                           |
| DATE - DECEMBER 3, 2010 | REVISED -                           |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING & PROPOSED TYPICAL SECTIONS**  
**IL. RTE. 59**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

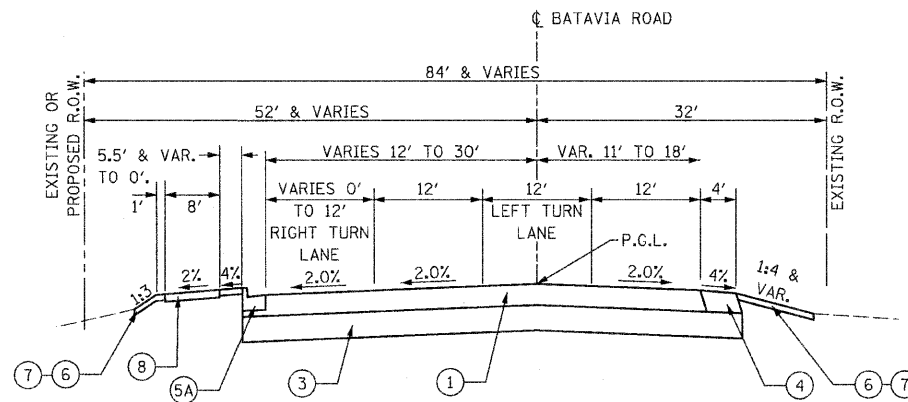
| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|---------------|--------|--------------------|-----------|
| 365   | (58&59) WRS-3 | DuPAGE | 466                | 22        |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        | CONTRACT NO. 62420 |           |



**EXISTING TYPICAL SECTION**

STA. 609+16 TO STA. 613+50  
STA. 614+80 TO STA. 622+65

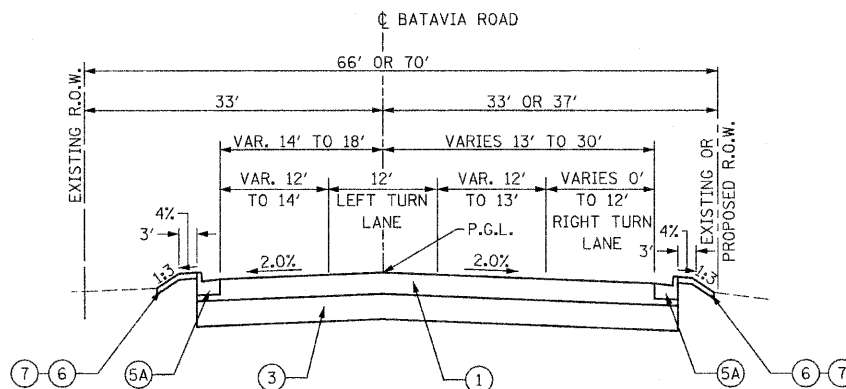
- EXISTING LEGEND**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (1 3/4" ± VARIES TO 11" ±)
  - (B) P.C.C. BASE COURSE (6 1/2" ± VARIES TO 10 1/2" ±)
  - (C) HOT-MIX ASPHALT PAVEMENT
  - (D) P.C.C. COMBINATION CURB AND GUTTER
  - (E) P.C.C. SIDEWALK
  - (F) SUB-BASE GRANULAR MATERIAL, 4" & VARIES
  - (G) AGGREGATE SHOULDERS
  - REMOVAL ITEMS



**PROPOSED TYPICAL SECTION**

STA. 614+80 TO STA. 622+65

- PROPOSED LEGEND**
- (1) HMA PAVEMENT (FULL DEPTH), 14" POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2" POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"
  - (2) NOT USED
  - (3) AGGREGATE SUBGRADE, 12"
  - (4) HOT-MIX ASPHALT SHOULDERS, 14"
  - (5) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - (5A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - (6) FURNISHING & PLACING TOPSOIL, 8"
  - (6A) FURNISHING & PLACING TOPSOIL, 24"
  - (7) SEE LANDSCAPING PLANS FOR SEEDING AND SODDING LIMITS
  - (8) HOT-MIX ASPHALT PATH, 10" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2" AGGREGATE BASE COURSE, TYPE B, 6"
  - (9) AGGREGATE SHOULDER, TYPE B, 8" (2' WIDTH)
  - (10) PIPE UNDERDRAINS, 4"



**PROPOSED TYPICAL SECTION**

STA. 609+16 TO STA. 613+50

FILE NAME = 0162420-shs-typical7.dgn  
PLOT DATE = 12/29/2010  
PLOT SCALE = 10,000 / IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

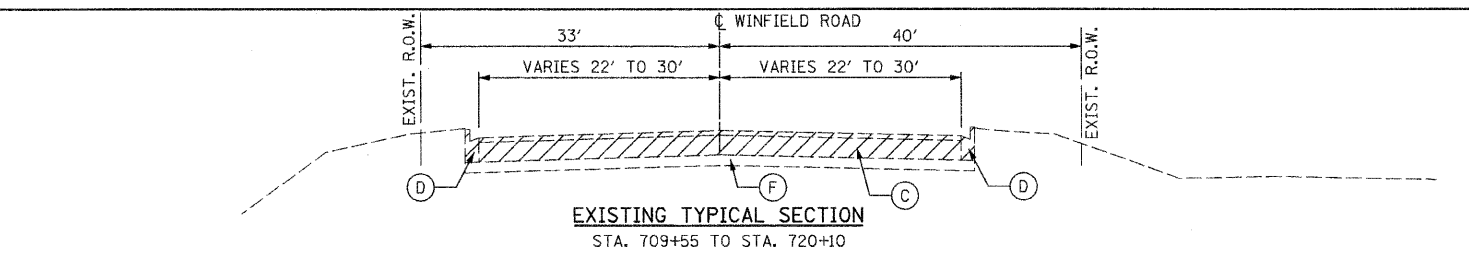
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|-------------------------|---------------------------------|
| DESIGNED - D.L.         | REVISED 1 ADDENDUM 1 12-28-2010 |
| DRAWN - B.K.            | REVISED -                       |
| CHECKED - M.P.          | REVISED -                       |
| DATE - DECEMBER 3, 2010 | REVISED -                       |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

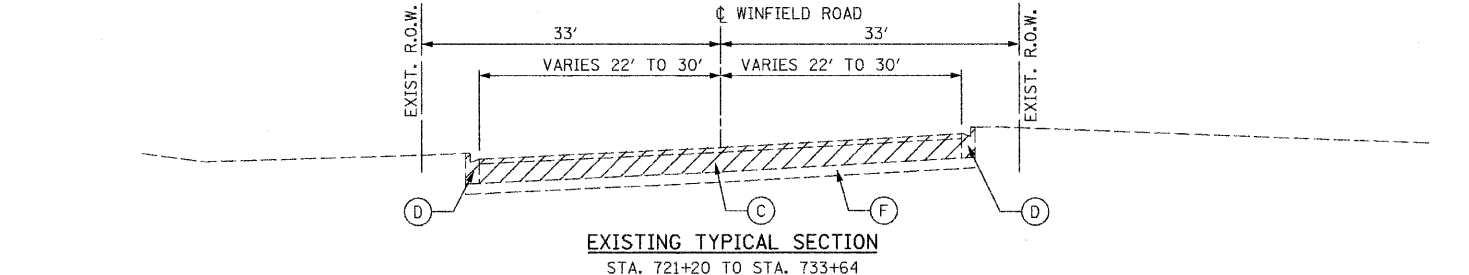
|  |                         |
|--|-------------------------|
| <b>EXISTING &amp; PROPOSED TYPICAL SECTIONS<br/>BATAVIA ROAD</b> |                         |
| SCALE: NONE  | SHEET NO. 1 OF 1 SHEETS |
| STA. _____   | TO STA. _____           |

| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------------|--------|--------------|-----------|
| 365   | (58&59) WRS-3 | DUPAGE | 466          | 23        |
| CONTRACT NO. 62420                              |               |        |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        |              |           |

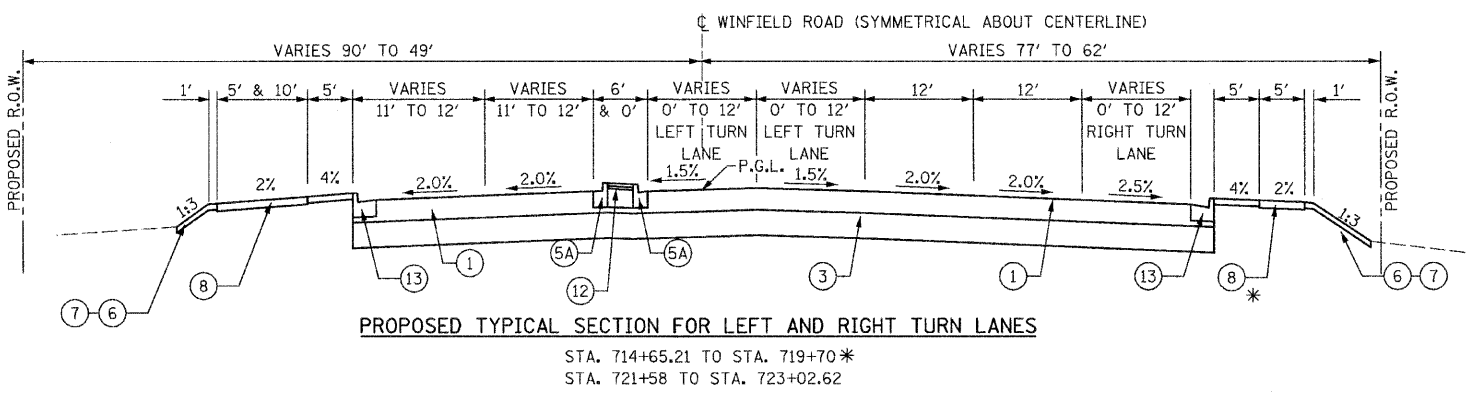




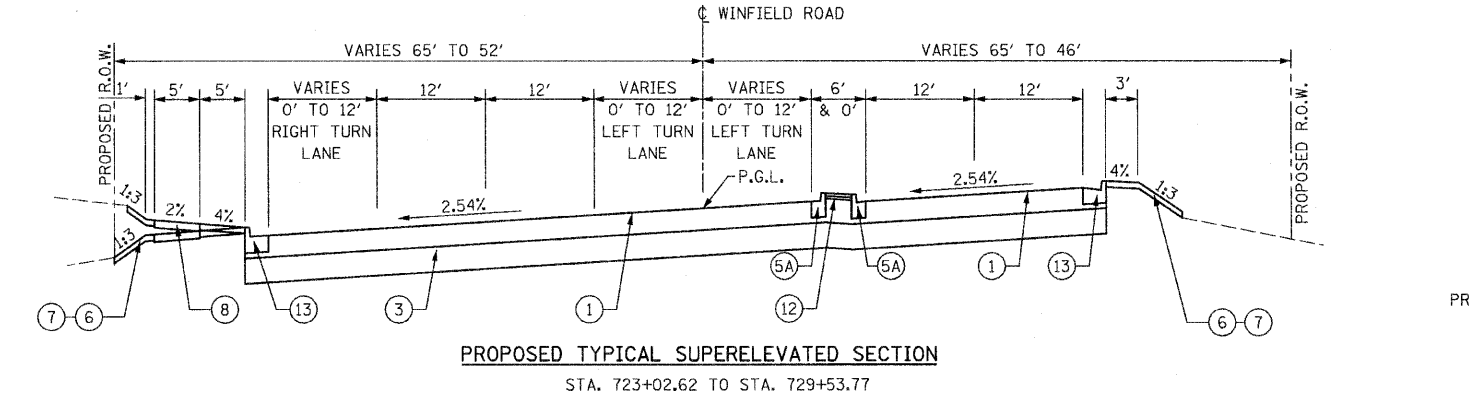
**EXISTING TYPICAL SECTION**  
STA. 709+55 TO STA. 720+10



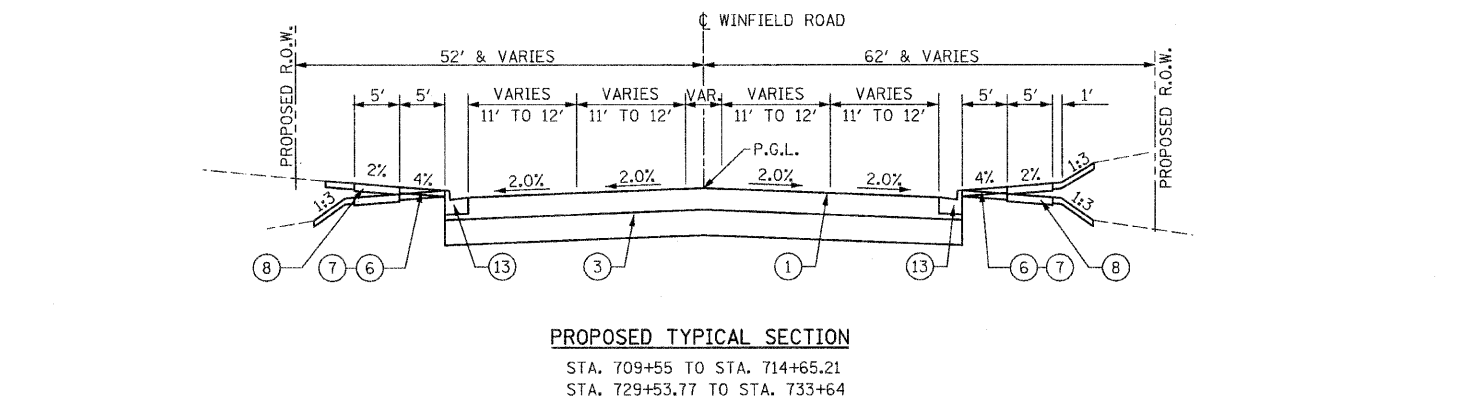
**EXISTING TYPICAL SECTION**  
STA. 721+20 TO STA. 733+64



**PROPOSED TYPICAL SECTION FOR LEFT AND RIGHT TURN LANES**  
STA. 714+65.21 TO STA. 719+70\*  
STA. 721+58 TO STA. 723+02.62



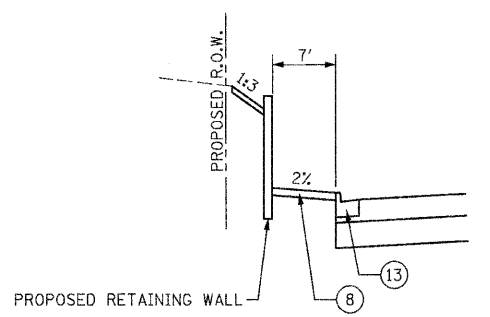
**PROPOSED TYPICAL SUPERELEVATED SECTION**  
STA. 723+02.62 TO STA. 729+53.77



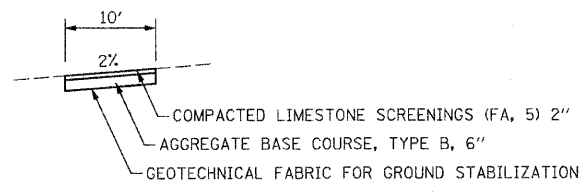
**PROPOSED TYPICAL SECTION**  
STA. 709+55 TO STA. 714+65.21  
STA. 729+53.77 TO STA. 733+64

- EXISTING LEGEND**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
  - (B) P.C.C. BASE COURSE
  - (C) HOT-MIX ASPHALT PAVEMENT, 15"±
  - (D) P.C.C. COMBINATION CURB AND GUTTER
  - (E) P.C.C. SIDEWALK
  - (F) SUB-BASE GRANULAR MATERIAL, 4" & VARIES
  - REMOVAL ITEMS

- PROPOSED LEGEND**
- (1) HMA PAVEMENT (FULL DEPTH), 14"
  - (2) POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
  - (3) POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
  - (4) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"
  - (5) NOT USED
  - (6) AGGREGATE SUBGRADE, 12"
  - (7) HOT-MIX ASPHALT SHOULDERS, 14"
  - (8) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - (10) FURNISHING & PLACING TOPSOIL, 8"
  - (11) FURNISHING & PLACING TOPSOIL, 24"
  - (12) SEE LANDSCAPING PLANS FOR SEEDING AND SODDING LIMITS
  - (13) HOT-MIX ASPHALT PATH, 10"
  - (14) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
  - (15) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
  - (16) AGGREGATE BASE COURSE, TYPE B, 6"
  - (17) AGGREGATE SHOULDER, TYPE B, 8" (2' WIDTH)
  - (18) PIPE UNDERDRAINS, 4"
  - (19) NOT USED
  - (20) HMA MEDIAN, 4"
  - (21) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18



**PROPOSED SECTION ALONG RETAINING WALL**  
STA. 722+50 TO STA. 724+60



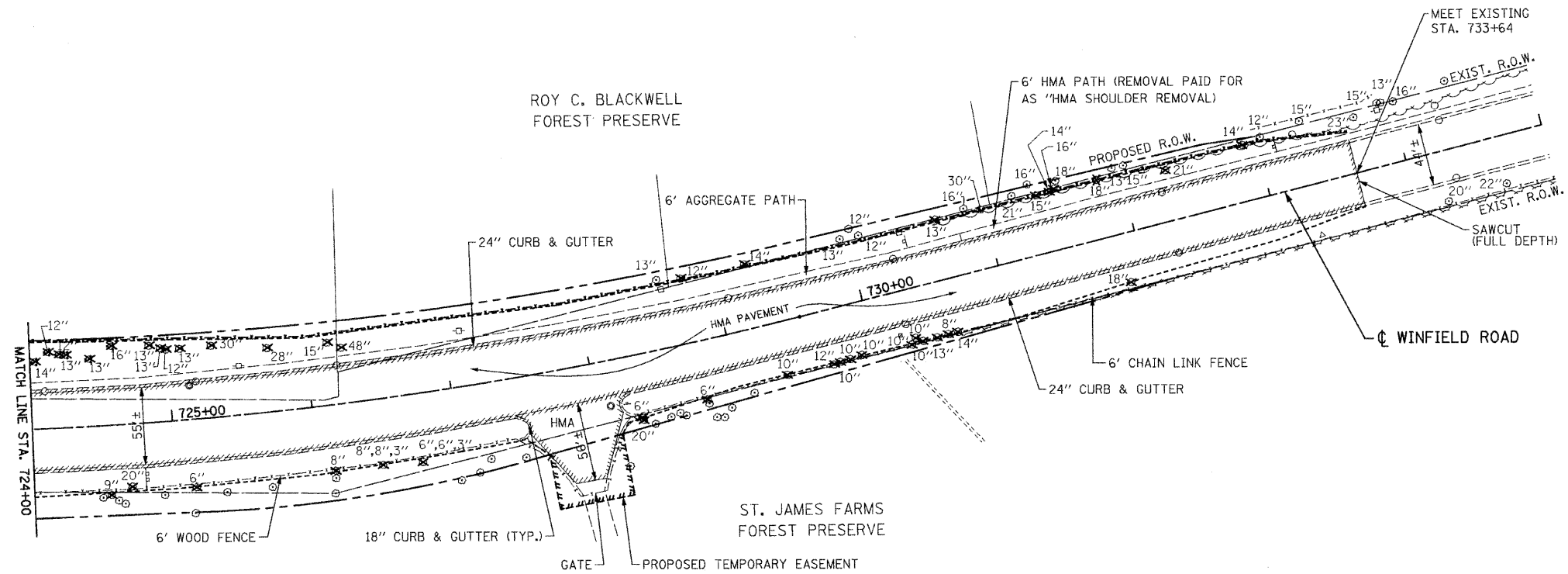
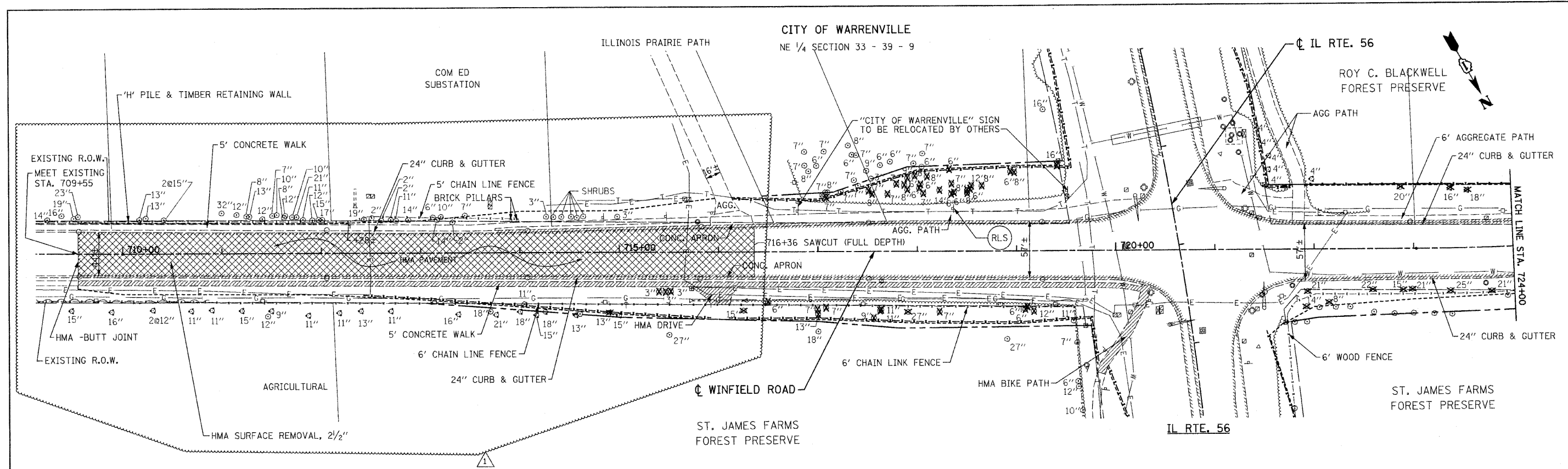
**AGGREGATE PATH, 8"**





| FLARED END SECTION AND GRATING SCHEDULE |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
|---|--------|---------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|--------------|-----|--------------|-----|-----|-----|----------|-----|-----|-------------------|--|
| STATION                                 | OFFSET | RT / LT | PRECAST REINFORCED CONCRETE FES |     |     |     |     |     |     |     | PRC EORS FES |     | GRATING: FES |     |     |     | CONCRETE |     |     | GRATING: EORS FES |  |
|   |        |         | 12"                             | 15" | 18" | 24" | 36" | 42" | 54" | 48" | 54"          | 12" | 15"          | 24" | 36" | 54" | 48"      | 54" | 48" | 54"               |  |
|   |        |         | EA.                             | EA. | EA. | EA. | EA. | EA. | EA. | EA. | EA.          | EA. | EA.          | EA. | EA. | EA. | EA.      | EA. | EA. | EA.               |  |
| IL. RTE. 56                             |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 102+43                                  | 9'     | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 105+00                                  |        | RT      |                                 | 2   |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 107+00                                  |        | RT      |                                 | 2   |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 108+50                                  | 9'     | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 111+00                                  |        | LT      |                                 | 2   |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 112+00                                  |        |         |                                 |     | 4   |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 119+00                                  |        |         |                                 |     |     | 2   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 119+00                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 1   |     |     |          |     |     |                   |  |
| 119+25                                  | 77'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 120+23                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 1   |     |     |          |     |     |                   |  |
| 120+25                                  | 84'    | RT      |                                 |     |     |     |     |     | 1   |     |              |     |              |     |     |     |          |     |     |                   |  |
| 120+25                                  | 84'    | RT      |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          | 1   |     |                   |  |
| 128+20                                  |        |         |                                 |     |     |     |     |     |     | 1   |              |     |              |     |     |     |          |     |     |                   |  |
| 128+20                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          | 1   |     |                   |  |
| 129+59                                  | 83'    | RT      |                                 |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |  |
| 129+59                                  | 83'    | RT      |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          | 2   |     |                   |  |
| 130+84                                  | 83'    | RT      |                                 |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |  |
| 130+84                                  | 83'    | RT      |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          | 2   |     |                   |  |
| 144+90                                  |        |         |                                 |     |     | 1   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 144+90                                  | 79'    | RT      |                                 |     |     |     |     |     |     |     |              |     |              |     | 1   |     |          |     |     |                   |  |
| 145+00                                  | 64'    | LT      |                                 |     |     |     |     |     |     |     |              |     |              |     | 1   |     |          |     |     |                   |  |
| 145+75                                  |        |         |                                 |     |     | 1   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 147+50                                  | 72'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 148+75                                  | 82'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 148+75                                  | 82'    | LT      |                                 |     |     |     |     |     |     |     | 1            |     |              |     |     |     |          |     |     |                   |  |
| 149+00                                  | 82'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 149+00                                  | 82'    | LT      |                                 |     |     |     |     |     |     |     | 1            |     |              |     |     |     |          |     |     |                   |  |
| 150+00                                  | 74'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 150+00                                  | 84'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 151+10                                  | 84'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 152+00                                  | 84'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 152+00                                  | 84'    | LT      |                                 |     |     |     |     |     |     |     | 1            |     |              |     |     |     |          |     |     |                   |  |
| 152+04                                  | 94'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 152+24                                  | 133'   | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 152+30                                  | 84'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 152+30                                  | 84'    | LT      |                                 |     |     |     |     |     |     |     | 1            |     |              |     |     |     |          |     |     |                   |  |
| 153+30                                  | 84'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 154+75                                  |        | RT      |                                 |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |  |
| 155+53                                  |        | LT      |                                 |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |  |
| 155+80                                  | 68'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 157+73                                  | 69'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 157+80                                  | 68'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 162+80                                  | 63'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 162+80                                  | 65'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 163+50                                  | 84'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 165+30                                  | 79'    | LT      |                                 |     | 1   |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 165+30                                  | 70'    | RT      |                                 |     |     | 1   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 167+80                                  | 85'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 167+80                                  | 70'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 169+31                                  | 85'    | LT      |                                 |     | 1   |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 170+40                                  | 67'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 171+60                                  | 60'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 171+78                                  | 62'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 172+00                                  | 62'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 172+00                                  | 81'    | LT      |                                 |     | 1   |     |     |     |     |     |              |     |              | 1   |     |     |          |     |     |                   |  |
| 172+50                                  | 66'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 173+00                                  |        |         |                                 |     |     | 1   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 175+43                                  |        | RT      |                                 |     |     | 2   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 177+30                                  | 77'    | RT      |                                 |     |     | 1   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 178+90                                  | 77'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 182+02                                  |        |         |                                 |     |     | 1   |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 191+20                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 193+50                                  | 66'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 193+90                                  | 88'    | LT      |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 195+55                                  | 84'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 196+42                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |  |
| 196+87                                  |        | RT      |                                 |     |     |     |     |     |     |     |              |     |              | 1   |     |     |          |     |     |                   |  |
| 198+00                                  | 74'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 200+50                                  | 73'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 204+80                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |  |
| 207+25                                  | 74'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 209+50                                  | 50'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 209+81                                  |        | RT      |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |
| 212+15                                  | 69'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |  |
| 214+65                                  | 74'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |  |

| FLARED END SECTION AND GRATING SCHEDULE |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
|---|--------|---------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|--------------|-----|--------------|-----|-----|-----|----------|-----|-----|-------------------|---|---|---|---|---|---|---|---|---|
| STATION                                 | OFFSET | RT / LT | PRECAST REINFORCED CONCRETE FES |     |     |     |     |     |     |     | PRC EORS FES |     | GRATING: FES |     |     |     | CONCRETE |     |     | GRATING: EORS FES |   |   |   |   |   |   |   |   |   |
|   |        |         | 12"                             | 15" | 18" | 24" | 36" | 42" | 54" | 48" | 54"          | 12" | 15"          | 24" | 36" | 54" | 48"      | 54" | 48" | 54"               |   |   |   |   |   |   |   |   |   |
|   |        |         | EA.                             | EA. | EA. | EA. | EA. | EA. | EA. | EA. | EA.          | EA. | EA.          | EA. | EA. | EA. | EA.      | EA. | EA. | EA.               |   |   |   |   |   |   |   |   |   |
| 217+15                                  | 74'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 218+85                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 2   |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 219+65                                  | 68'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 222+15                                  | 68'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 224+65                                  | 67'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 226+25                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 1   |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 231+65                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 231+65                                  | 86'    | LT      |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          | 1   |     |                   |   |   |   |   |   |   |   |   |   |
| 237+44                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 237+44                                  | 37'    | LT      |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          | 1   |     |                   |   |   |   |   |   |   |   |   |   |
| 254+75                                  | 64'    | LT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| IL. RTE. 59                             |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 513+97                                  | 65'    | RT      | 1                               |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| WINFIELD                                |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| 733+28                                  |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 1   |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
| TOTAL                                   |        |         |                                 |     |     |     |     |     |     |     |              |     |              |     |     |     |          |     |     |                   |   |   |   |   |   |   |   |   |   |
|   |        |         |                                 |     |     |     |     |     |     |     |              |     |              | 43  | 19  | 10  | 9        | 2   | 1   | 4                 | 1 | 1 | 4 | 2 | 4 | 2 | 4 | 1 | 1 |

| CULVERT SCHEDULE        |         |                                    |      |                        |        |        |        |        |        |     |
|-------------------------|---------|------------------------------------|------|------------------------|--------|--------|--------|--------|--------|-----|
| STATION                 | OFFSET  | BOX CULVERTS                       |      | PIPE CULVERTS, CLASS A |        |        |        |        |        |     |
|                         |         | PRECAST BOX CULVERT 6' X 3' (M273) | FOOT | TYPE 1                 | TYPE 1 | TYPE 1 | TYPE 1 | TYPE 2 | TYPE 2 |     |
|                         |         |                                    |      | 12"                    | 15"    | 18"    | 54"    | 15"    | 24"    |     |
|                         |         | FOOT                               | FOOT | FOOT                   | FOOT   | FOOT   | FOOT   | FOOT   | FOOT   |     |
| IL. RTE. 56             |         |                                    |      |                        |        |        |        |        |        |     |
| 105+00                  | 70'RT   |                                    |      |                        |        | 55     |        |        |        |     |
| 107+00                  | 70'RT   |                                    |      |                        |        | 38     |        |        |        |     |
| 112+30                  | 9'RT    | 138                                |      |                        |        |        |        |        |        |     |
| 129+59                  | 83'RT   |                                    |      |                        |        |        |        | 37     |        |     |
| 130+84                  | 83'RT   |                                    |      |                        |        |        |        | 46     |        |     |
| 134+09                  | 82'RT   | 40                                 |      |                        |        |        |        |        |        |     |
| 136+69                  | 83'RT   | 60                                 |      |                        |        |        |        |        |        |     |
| 139+13                  | 83'RT   | 44                                 |      |                        |        |        |        |        |        |     |
| 140+93                  | 83'RT   | 49                                 |      |                        |        |        |        |        |        |     |
| 145+54                  | 80.5'RT | 91                                 |      |                        |        |        |        |        |        |     |
| 148+35                  | 83'RT   | 172                                |      |                        |        |        |        |        |        |     |
| 148+83                  | 81'LT   |                                    |      | 12                     |        |        |        |        |        |     |
| 148+83                  | 81'LT   |                                    |      | 12                     |        |        |        |        |        |     |
| 154+75                  | RT      |                                    |      |                        |        |        |        | 143    |        |     |
| 155+53                  | LT      |                                    |      |                        | 82     |        |        |        |        |     |
| 176+51                  | RT      |                                    |      |                        |        |        |        | 120    |        |     |
| 196+42                  |         |                                    |      |                        |        |        |        |        | 28     |     |
| 204+80                  | 81'LT   |                                    |      |                        |        | 346    |        |        |        |     |
| 209+81                  | 75'RT   |                                    |      |                        | 41     |        |        |        |        |     |
| 218+85                  |         |                                    |      |                        |        |        |        |        | 123    |     |
| 231+65                  |         |                                    |      |                        |        |        |        |        | 6      |     |
| 231+65                  |         |                                    |      |                        |        |        |        |        | 6      |     |
| 231+65                  |         |                                    |      |                        |        |        |        |        | 6      |     |
| 235+98                  |         |                                    |      |                        |        |        |        |        | 6      |     |
| 235+98                  |         |                                    |      |                        |        |        |        |        | 6      |     |
| 235+98                  |         |                                    |      |                        |        |        |        |        | 33     |     |
| FOR USE BY THE ENGINEER |         |                                    |      |                        | 204    |        |        |        |        |     |
| TOTAL                   |         |                                    | 594  | 0                      | 24     | 420    | 346    | 83     | 263    | 214 |





- LEGEND**
-  REMOVAL ITEMS
  -  TREE REMOVAL
  -  CONSTRUCTION LIMITS (IF NOT EXISTING R.O.W.)
  -  RELOCATE SIGN PANEL ASS. TYPE A OR TYPE B SEE SIGNING PLANS

NOTE:  
SEE EROSION CONTROL PLANS FOR TEMPORARY FENCE ALONG FOREST PRESERVE PROPERTY.

FILE NAME = 0162420-ah-rem3-wr.dgn  
PLOT DATE = 12/29/2010  
PLOT SCALE = 50.000' / 1"

**CR** CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

|                         |                                   |
|-------------------------|-----------------------------------|
| DESIGNED - S.J.P.       | REVISED 1 - ADDENDUM 1 12-28-2010 |
| DRAWN - A.C.S.          | REVISED -                         |
| CHECKED - M.P.          | REVISED -                         |
| DATE - DECEMBER 3, 2010 | REVISED -                         |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVAL PLAN  
WINFIELD ROAD**

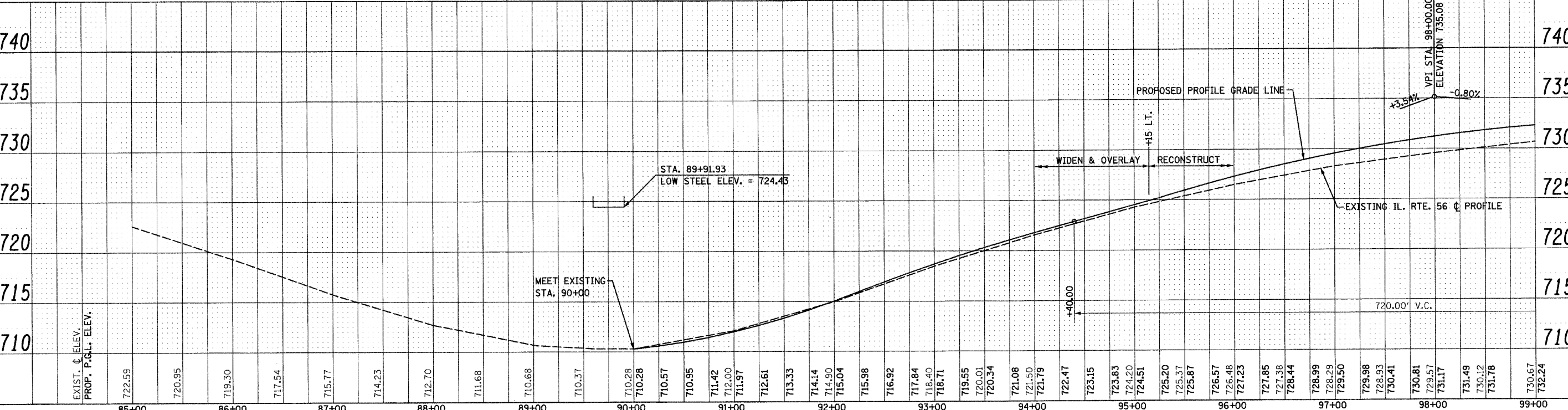
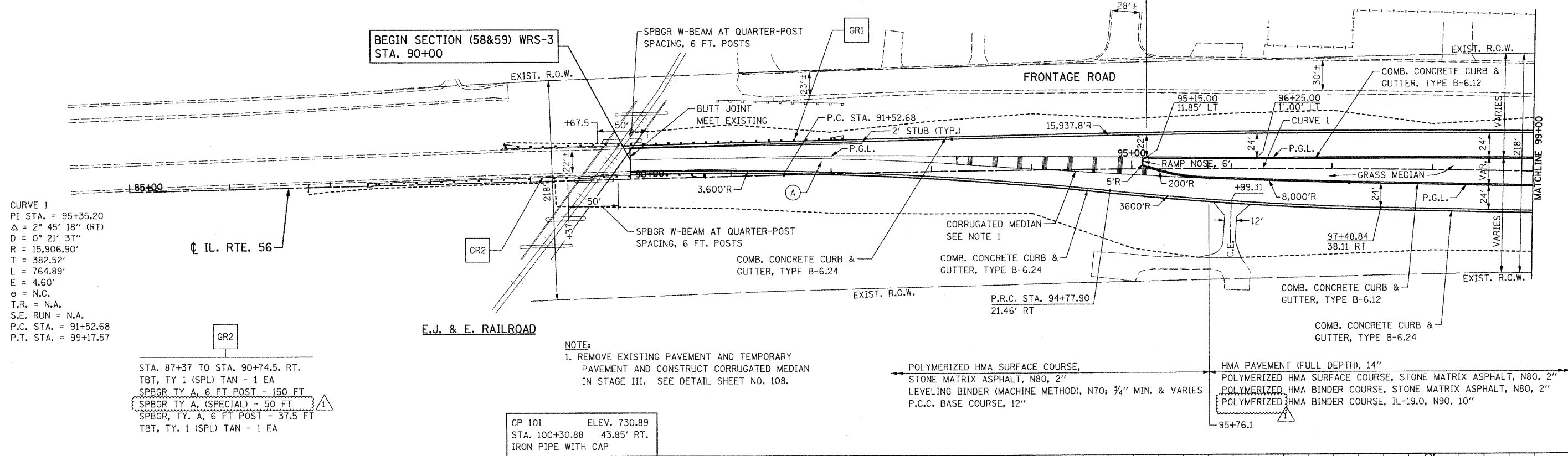
SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS STA. 709+65 TO STA. 733+65

| F.A.P. RTE.                                       | SECTION       | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|---------------|--------|--------------------|-----------|
| 365   | (58&59) WRS-3 | DUPAGE | 466                | 89        |
| FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT |               |        | CONTRACT NO. 62420 |           |

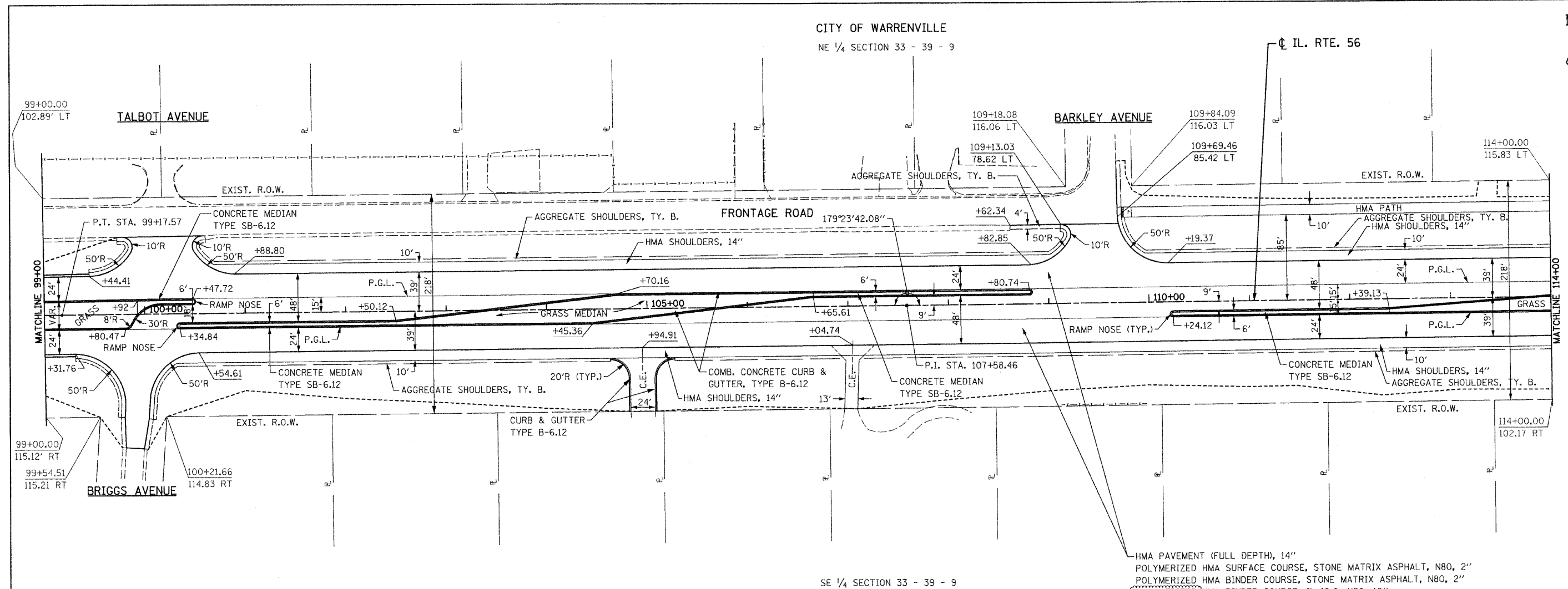
GR1  
STA. 88+80 TO STA. 92+17.5. LT.  
TBT, TY 1 (SPL) TAN - 1 EA  
SPBGR TY A, 6 FT POST - 37.5 FT  
SPBGR TY A, (SPECIAL) - 50 FT  
SPBGR TY A, 6 FT POST - 150 FT  
TBT, TY 1 (SPL) TAN - 1 EA

(A) EXISTING PAVEMENT TO REMAIN  
232 TON - POLYMERIZED HOT-MIX ASPHALT  
SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
174 TON - LEVELING BINDER (MACHINE  
METHOD), N70; 3/4" MIN. & VARIES  
200 SQ YD - CLASS D PATCHES, T2, 10"  
100 SQ YD - CLASS D PATCHES, T3, 10"  
75 SQ YD - CLASS D PATCHES, T4, 10"

95+15  
HMA PAVEMENT (FULL DEPTH), 14"  
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"



CITY OF WARRENVILLE  
NE 1/4 SECTION 33 - 39 - 9



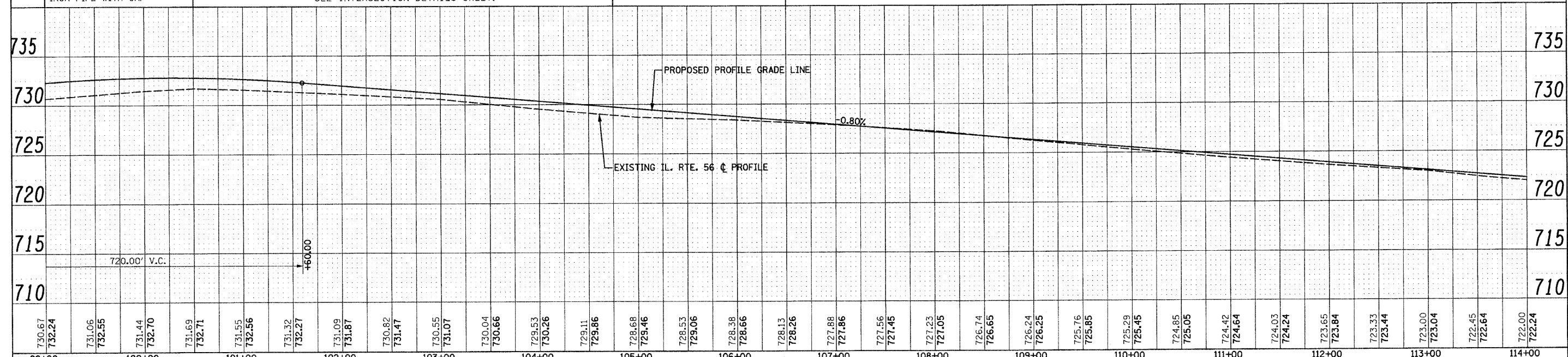
SE 1/4 SECTION 33 - 39 - 9

HMA PAVEMENT (FULL DEPTH), 14"  
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"

CP 101 ELEV. 730.89  
STA. 100+30.88 43.85' RT.  
IRON PIPE WITH CAP

NOTES:  
1. FOR TALBOT AVENUE, BARKLEY AVENUE  
AND BRIGGS AVENUE INTERSECTIONS,  
SEE INTERSECTION DETAILS SHEET.

CRA 15 ELEV. 723.54  
STA. 109+82.02 132.88' LT.  
N.W. BOLT ON FIRE HYDRANT



|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 730.67<br>732.24 | 731.06<br>732.55 | 731.44<br>732.70 | 731.69<br>732.71 | 731.55<br>732.56 | 731.32<br>732.27 | 731.09<br>731.87 | 730.82<br>731.47 | 730.55<br>731.07 | 730.04<br>730.66 | 729.53<br>730.26 | 729.11<br>729.86 | 728.68<br>729.46 | 728.53<br>729.06 | 728.38<br>728.66 | 728.13<br>728.26 | 727.88<br>727.86 | 727.56<br>727.45 | 727.23<br>727.05 | 726.74<br>726.65 | 726.24<br>726.25 | 725.76<br>725.85 | 725.29<br>725.45 | 724.85<br>725.05 | 724.42<br>724.64 | 724.03<br>724.24 | 723.65<br>723.84 | 723.33<br>723.44 | 723.00<br>723.04 | 722.45<br>722.64 | 722.00<br>722.24 |
| 99+00            | 100+00           | 101+00           | 102+00           | 103+00           | 104+00           | 105+00           | 106+00           | 107+00           | 108+00           | 109+00           | 110+00           | 111+00           | 112+00           | 113+00           | 114+00           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |

FILE NAME = 0162420-plt-plnprf02.dgn  
PLOT DATE = 12/29/2010  
PLOT SCALE = 50.000' / 1" IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

|                         |             |                       |
|-------------------------|-------------|-----------------------|
| DESIGNED - S.J.P.       | REVISED / 1 | ADDENDUM 1 12-28-2010 |
| DRAWN - B.K.            | REVISED -   |                       |
| CHECKED - M.P.          | REVISED -   |                       |
| DATE - DECEMBER 3, 2010 | REVISED -   |                       |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

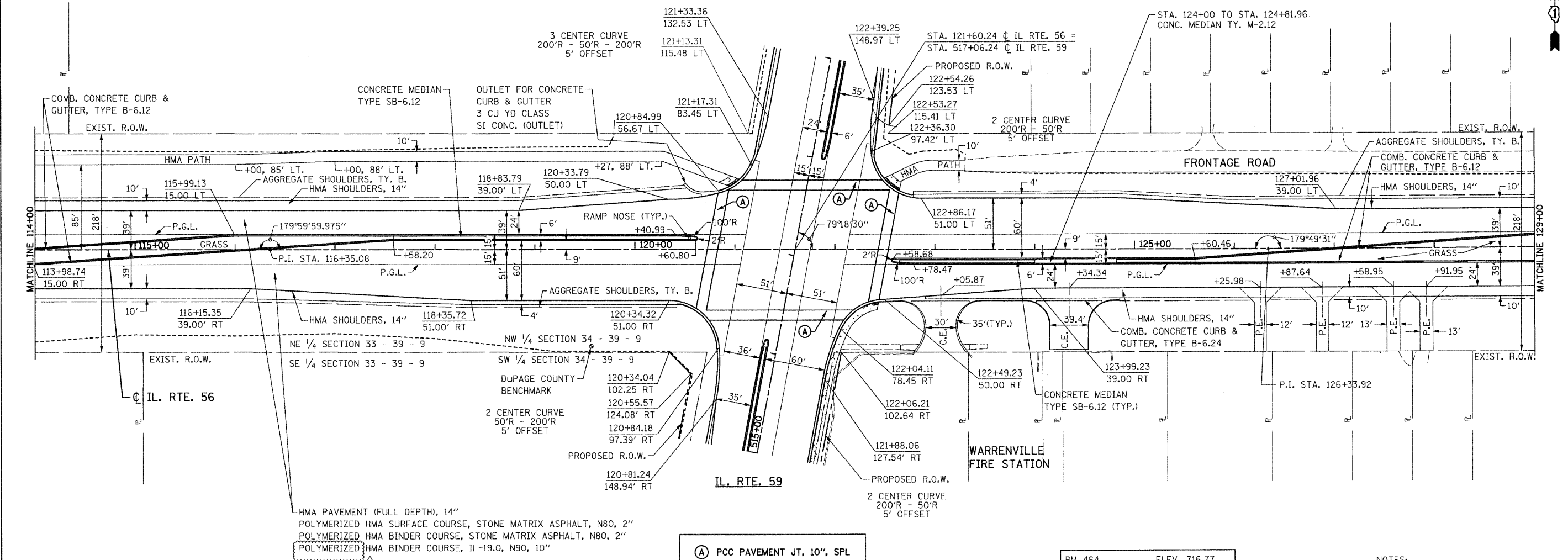
**ROADWAY PLAN AND PROFILE  
IL. RTE. 56**  
SCALE: 1" = 50' SHEET NO. 2 OF 12 SHEETS STA. 99+00 TO STA. 114+00

|                    |                       |               |   |
|--------------------|-----------------------|---------------|---|
| F.A.P. RTE. 365    | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 91                                   |
| CONTRACT NO. 62420 |                       |               | FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT |

NE 1/4 SECTION 33 - 39 - 9

NW 1/4 SECTION 34 - 39 - 9

CITY OF WARRENVILLE

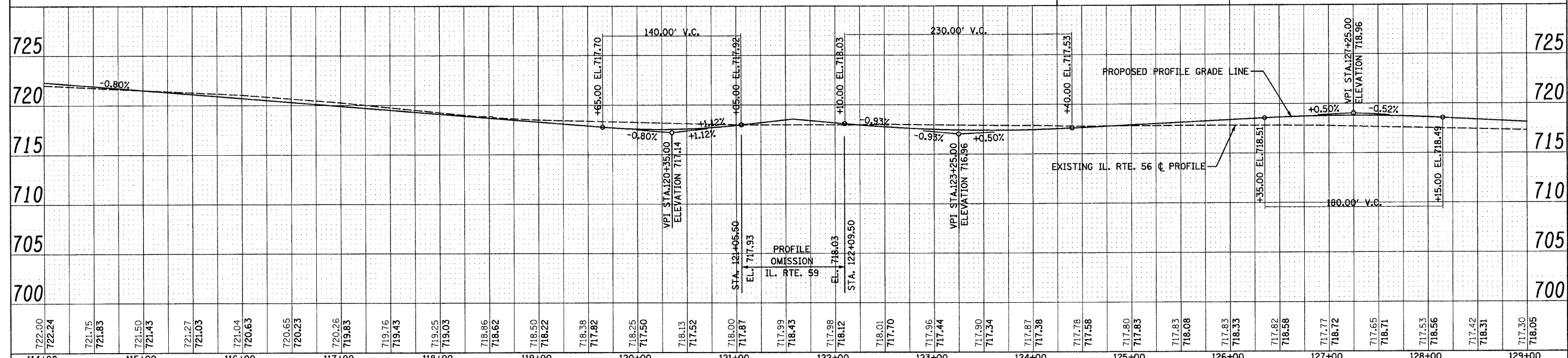


HMA PAVEMENT (FULL DEPTH), 14"  
 POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"

(A) PCC PAVEMENT JT, 10", SPL

BM 464 ELEV. 716.77  
 STA. 124+87.58 54.15' RT.  
 "□" ON LIGHT POLE BASE

NOTES:  
 1. FOR IL. RTE. 59 INTERSECTION,  
 SEE DETAILS AND ELEVATIONS SHEET.



|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 722.00<br>722.24 | 721.75<br>721.83 | 721.50<br>721.43 | 721.27<br>721.03 | 721.04<br>720.63 | 720.65<br>720.23 | 720.26<br>719.85 | 719.76<br>719.43 | 719.25<br>719.03 | 718.86<br>718.62 | 718.50<br>718.22 | 718.38<br>717.82 | 718.25<br>717.50 | 718.13<br>717.52 | 718.00<br>717.87 | 717.99<br>718.43 | 717.98<br>718.12 | 718.01<br>717.70 | 717.96<br>717.44 | 717.90<br>717.34 | 717.87<br>717.38 | 717.78<br>717.58 | 717.80<br>717.85 | 717.83<br>718.33 | 717.82<br>718.58 | 717.77<br>718.72 | 717.65<br>718.71 | 717.53<br>718.56 | 717.42<br>718.31 | 717.30<br>718.05 |
| 114+00           | 115+00           | 116+00           | 117+00           | 118+00           | 119+00           | 120+00           | 121+00           | 122+00           | 123+00           | 124+00           | 125+00           | 126+00           | 127+00           | 128+00           | 129+00           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |

FILE NAME = 0162428-plt-plnprf03.dgn  
 PLOT DATE = 12/29/2010  
 PLOT SCALE = 50.000' / 1" IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - S.W.P.  
 DRAWN - B.K.  
 CHECKED - M.P.  
 DATE - DECEMBER 3, 2010

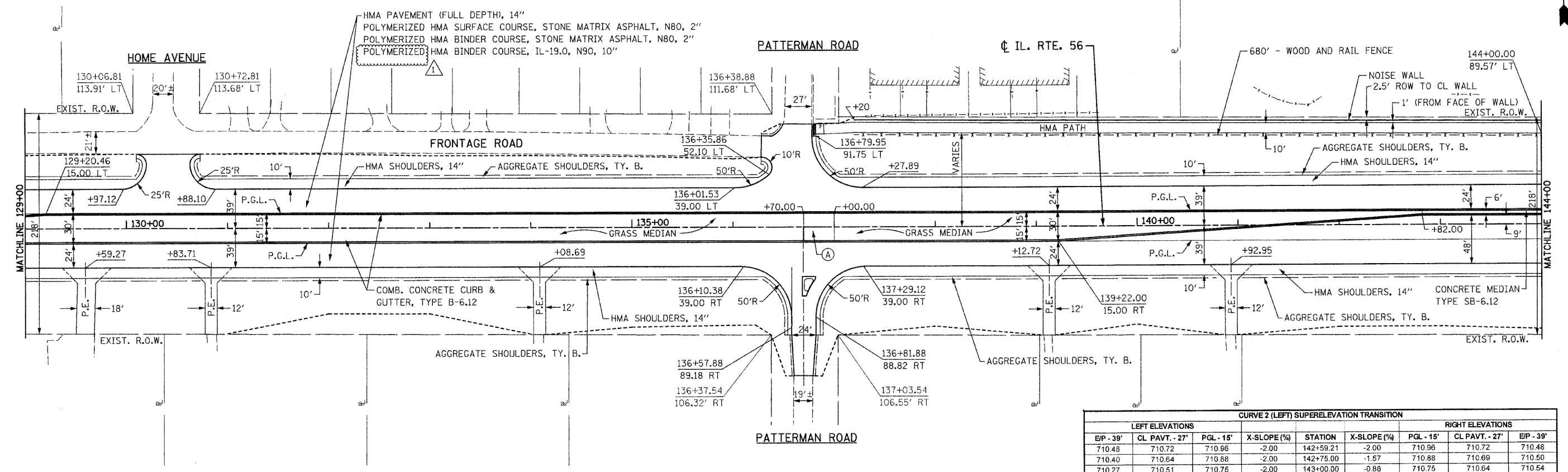
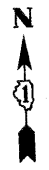
REVISED / ADDENDUM 1 12-28-2010  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE  
 IL. RTE. 56  
 SCALE: 1" = 50'  
 SHEET NO. 3 OF 12 SHEETS  
 STA. 114+00 TO STA. 129+00

|   |                       |               |                    |              |
|---|-----------------------|---------------|--------------------|--------------|
| F.A.P. RTE. 365                                 | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 466   | SHEET NO. 92 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                       |               | CONTRACT NO. 62420 |              |

CITY OF WARRENVILLE  
NW 1/4 SECTION 34 - 39 - 9

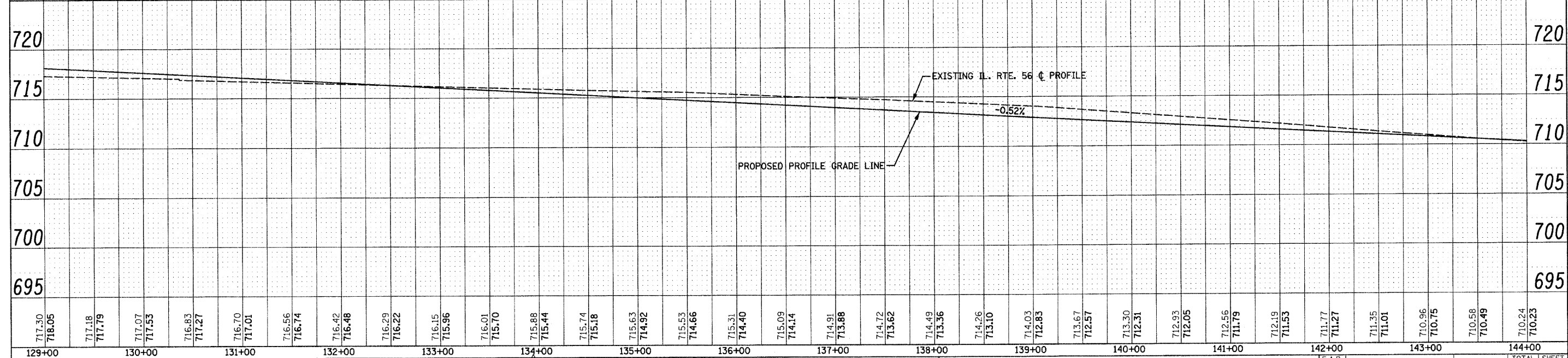


| CURVE 2 (LEFT) SUPERELEVATION TRANSITION |                |              |             |           |             |                  |                |           |
|--|----------------|--------------|-------------|-----------|-------------|------------------|----------------|-----------|
| LEFT ELEVATIONS                          |                |              | X-SLOPE (%) | STATION   | X-SLOPE (%) | RIGHT ELEVATIONS |                |           |
| E/P - 39'                                | CL PAVT. - 27' | P.G.L. - 16' |             |           |             | P.G.L. - 16'     | CL PAVT. - 27' | E/P - 39' |
| 710.48                                   | 710.72         | 710.96       | -2.00       | 142+59.21 | -2.00       | 710.96           | 710.72         | 710.48    |
| 710.40                                   | 710.64         | 710.88       | -2.00       | 142+75.00 | -1.57       | 710.88           | 710.69         | 710.50    |
| 710.27                                   | 710.51         | 710.75       | -2.00       | 143+00.00 | -0.88       | 710.75           | 710.64         | 710.54    |
| 710.14                                   | 710.38         | 710.62       | -2.00       | 143+25.00 | -0.19       | 710.62           | 710.60         | 710.57    |
| 710.10                                   | 710.34         | 710.58       | -2.00       | 143+31.82 | 0.00        | 710.58           | 710.58         | 710.58    |
| 710.01                                   | 710.25         | 710.49       | -2.00       | 143+50.00 | 0.50        | 710.49           | 710.55         | 710.61    |
| 709.88                                   | 710.12         | 710.36       | -2.00       | 143+75.00 | 1.19        | 710.36           | 710.50         | 710.65    |
| 709.75                                   | 709.99         | 710.23       | -2.00       | 144+00.00 | 1.88        | 710.23           | 710.46         | 710.68    |
| 709.73                                   | 709.97         | 710.21       | -2.00       | 144+04.43 | 2.00        | 710.21           | 710.45         | 710.69    |
| 709.69                                   | 709.94         | 710.19       | -2.09       | 144+07.82 | 2.09        | 710.19           | 710.44         | 710.69    |
| 709.48                                   | 709.79         | 710.10       | -2.57       | 144+25.00 | 2.57        | 710.10           | 710.41         | 710.72    |
| 709.24                                   | 709.61         | 709.99       | -3.14       | 144+45.82 | 3.14        | 709.99           | 710.37         | 710.74    |

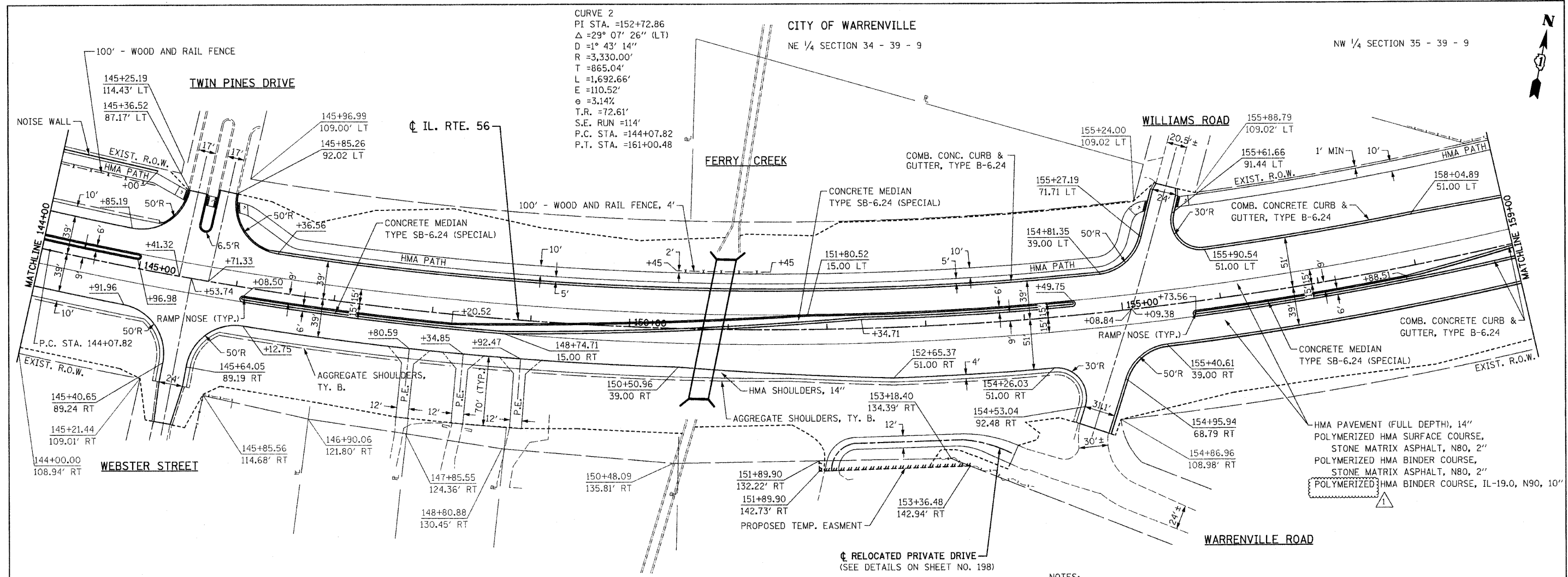
CRA 16 ELEV. 715.99  
STA. 136+30.37 104.42' LT.  
N.W. BOLT ON FIRE HYDRANT

NOTES:  
1. FOR HOME AVENUE AND PATTERNMAN ROAD INTERSECTIONS, SEE INTERSECTION DETAILS SHEET.

(A) EMERGENCY ACCESS  
60' - DEPRESSED CURB AND GUTTER  
90 SQ YD - HMA SHOULDER, 14"  
SEE CROSS SECTION FOR DETAIL



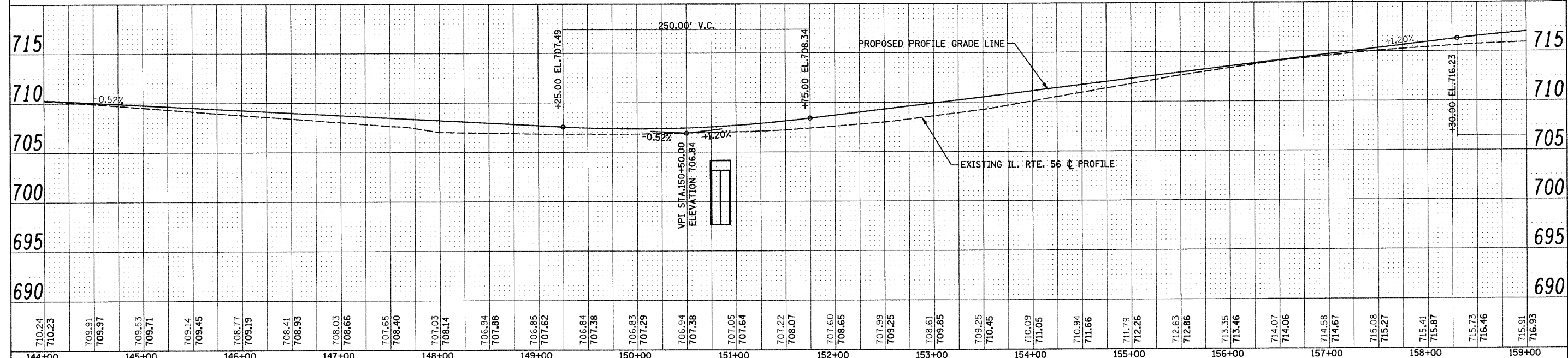




**NOTES:**

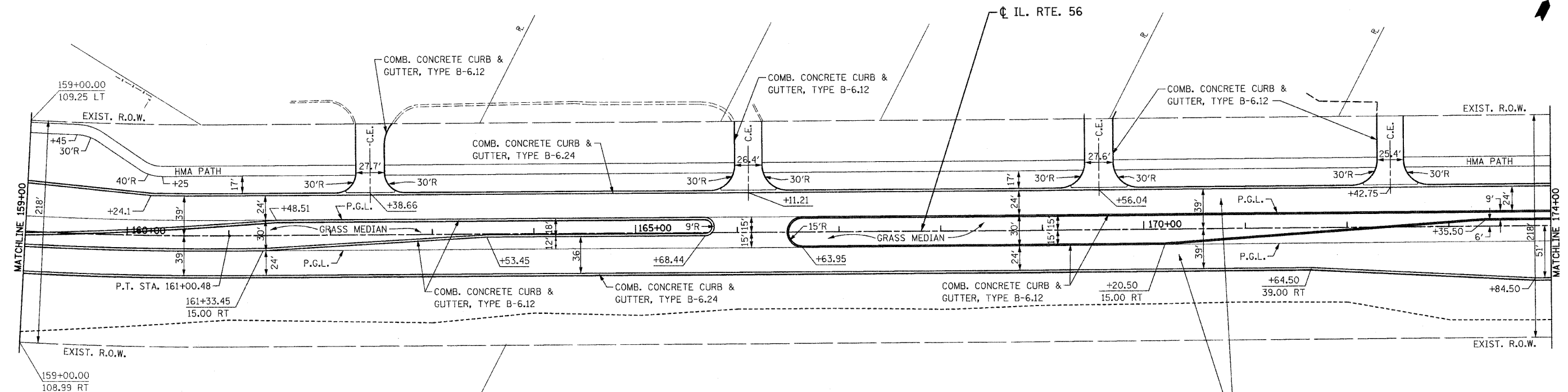
- FOR TWIN PINES DRIVE, WEBSTER STREET, WILLIAMS ROAD AND WARRENVILLE ROAD INTERSECTIONS, SEE INTERSECTION DETAILS SHEET.

|                |              |
|----------------|--------------|
| CRA 17         | ELEV. 716.25 |
| STA. 162+63.33 | 108.81' LT.  |
| "□" ATOP CURB  |              |



|  |                         |                                   |  |   |                       |   |   |              |
|--|-------------------------|-----------------------------------|--|---|-----------------------|---|---|--------------|
| FILE NAME = 0162420-shr-plnprf05.dgn   | DESIGNED - S.J.P.       | REVISED 1 - ADDENDUM 1 12-28-2010 | <p align="center"><b>STATE OF ILLINOIS</b><br/><b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>ROADWAY PLAN AND PROFILE</b><br/><b>IL. RTE. 56</b></p> <p>SCALE: 1" = 50'    SHEET NO. 5 OF 12 SHEETS    STA. 144+00 TO STA. 159+00</p> | F.A.P. RTE. 365   | SECTION (58&59) WRS-3 | COUNTY DuPAGE                                     | TOTAL SHEETS 466                                  | SHEET NO. 94 |
| PLOT DATE = 12/29/2010   | DRAWN - B.K.            | REVISED -                         |  | <p align="center"><b>ROADWAY PLAN AND PROFILE</b><br/><b>IL. RTE. 56</b></p> <p>SCALE: 1" = 50'    SHEET NO. 5 OF 12 SHEETS    STA. 144+00 TO STA. 159+00</p> | CONTRACT NO. 62420    |   | FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT |              |
| PLOT SCALE = 5/8" = 1' IN.   | CHECKED - M.P.          | REVISED -                         |  |   | CONTRACT NO. 62420    |   | FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT |              |
| CHRISTIAN-ROGE & ASSOCIATES, INC.<br>ENGINEERS-PLANNERS-SURVEYORS<br>211 WEST WACKER DRIVE<br>CHICAGO, ILLINOIS 60606<br>PHONE: (312)372-2023 FAX: (312)372-5274 | DATE - DECEMBER 3, 2010 | REVISED -                         |  | CONTRACT NO. 62420  |                       | FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT |   |              |

NW 1/4 SECTION 35 - 39 - 9  
CITY OF WARRENVILLE

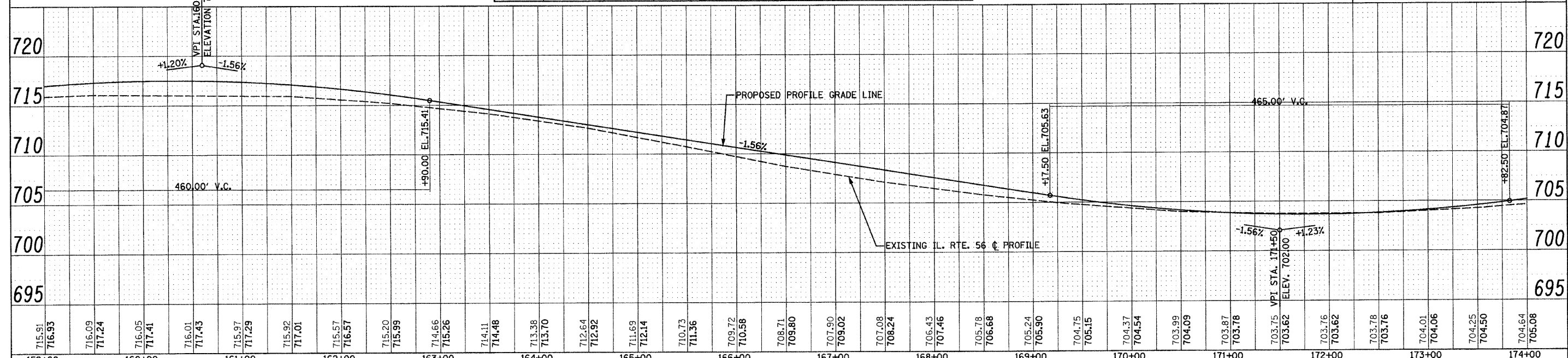


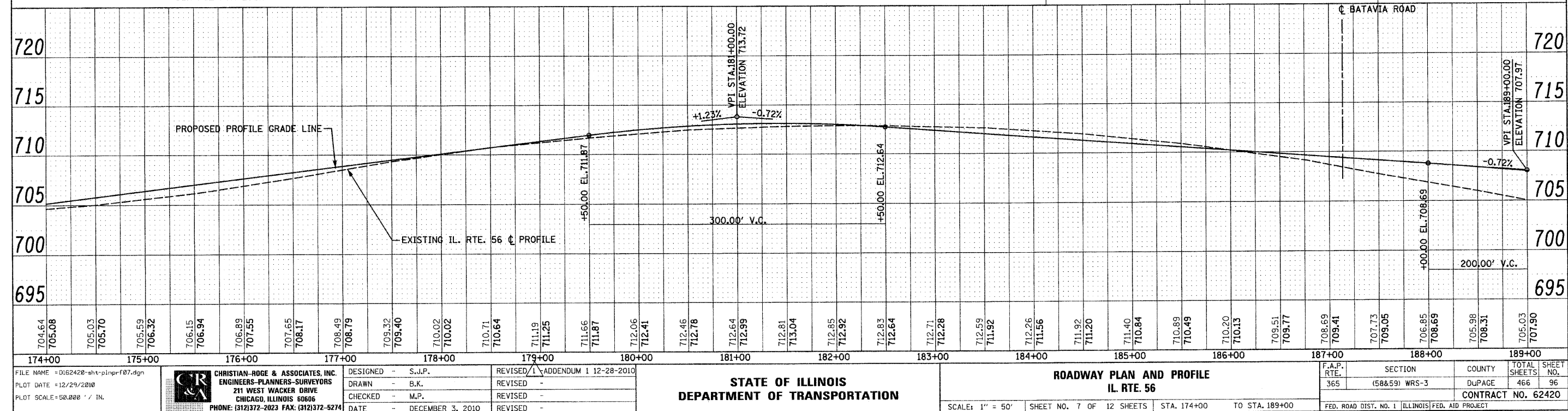
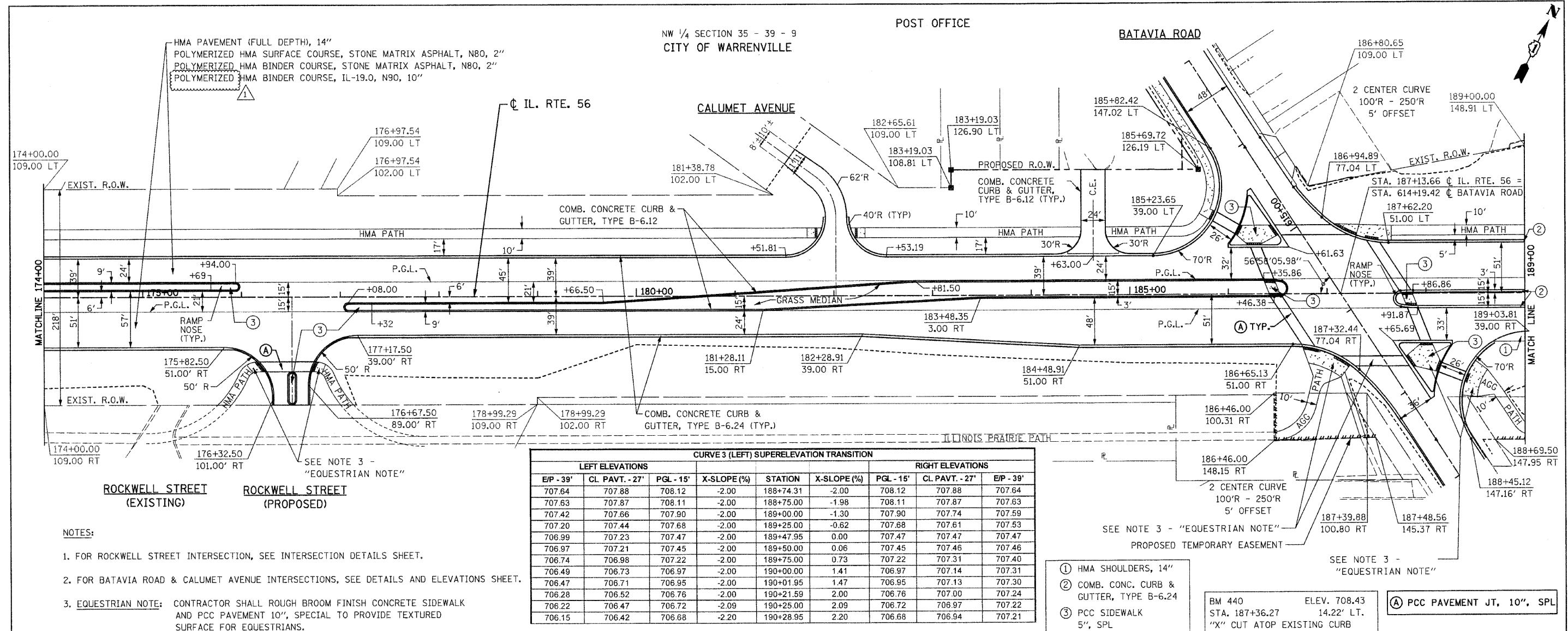
CURVE 2  
 PI STA. =152+72.86  
 $\Delta = 29^\circ 07' 26''$  (LT)  
 $D = 1^\circ 43' 14''$   
 $T = 3,330.00'$   
 $R = 865.04'$   
 $L = 1,692.66'$   
 $e = 110.52'$   
 $\epsilon = 3.14\%$   
 $T.R. = 72.61'$   
 $S.E. RUN = 114'$   
 $P.C. STA. = 144+07.82$   
 $P.T. STA. = 161+00.48$

| CURVE 2 (LEFT) SUPERELEVATION TRANSITION |                |           |             |           |             |                  |                |          |
|--|----------------|-----------|-------------|-----------|-------------|------------------|----------------|----------|
| LEFT ELEVATIONS                          |                |           | X-SLOPE (%) | STATION   | X-SLOPE (%) | RIGHT ELEVATIONS |                |          |
| EP - 39'                                 | CL PAVT. - 27' | PGL - 15' |             |           |             | PGL - 15'        | CL PAVT. - 27' | EP - 39' |
| 716.66                                   | 717.03         | 717.41    | -3.14       | 160+62.48 | 3.14        | 717.41           | 717.79         | 718.16   |
| 716.71                                   | 717.04         | 717.38    | -2.80       | 160+75.00 | 2.80        | 717.38           | 717.71         | 718.05   |
| 716.79                                   | 717.04         | 717.29    | -2.11       | 161+00.00 | 2.11        | 717.29           | 717.54         | 717.80   |
| 716.79                                   | 717.04         | 717.29    | -2.09       | 161+00.48 | 2.09        | 717.29           | 717.54         | 717.79   |
| 716.79                                   | 717.03         | 717.27    | -2.00       | 161+03.87 | 2.00        | 717.27           | 717.51         | 717.75   |
| 716.69                                   | 716.93         | 717.17    | -2.00       | 161+25.00 | 1.42        | 717.17           | 717.34         | 717.51   |
| 716.53                                   | 716.77         | 717.01    | -2.00       | 161+50.00 | 0.73        | 717.01           | 717.09         | 717.18   |
| 716.33                                   | 716.57         | 716.81    | -2.00       | 161+75.00 | 0.04        | 716.81           | 716.81         | 716.82   |
| 716.32                                   | 716.56         | 716.80    | -2.00       | 161+76.48 | 0.00        | 716.80           | 716.80         | 716.80   |
| 716.09                                   | 716.33         | 716.57    | -2.00       | 162+00.00 | -0.65       | 716.57           | 716.50         | 716.42   |
| 715.82                                   | 716.06         | 716.30    | -2.00       | 162+25.00 | -1.34       | 716.30           | 716.14         | 715.98   |
| 715.52                                   | 715.76         | 716.00    | -2.00       | 162+49.09 | -2.00       | 716.00           | 715.76         | 715.52   |

HMA PAVEMENT (FULL DEPTH), 14"  
 POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
 POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"

CRA 18 ELEV. 703.64  
 STA. 173+03.39 92.89' LT.  
 S. BOLT ON FIRE HYDRANT





FILE NAME = D:\62420-shr-plnprf07.dgn  
PLOT DATE = 12/29/2010  
PLOT SCALE = 50.000' / 1" IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - S.J.P.  
DRAWN - B.K.  
CHECKED - M.P.  
DATE - DECEMBER 3, 2010

REVISED / ADDENDUM 1 12-28-2010  
REVISED -  
REVISED -  
REVISED -

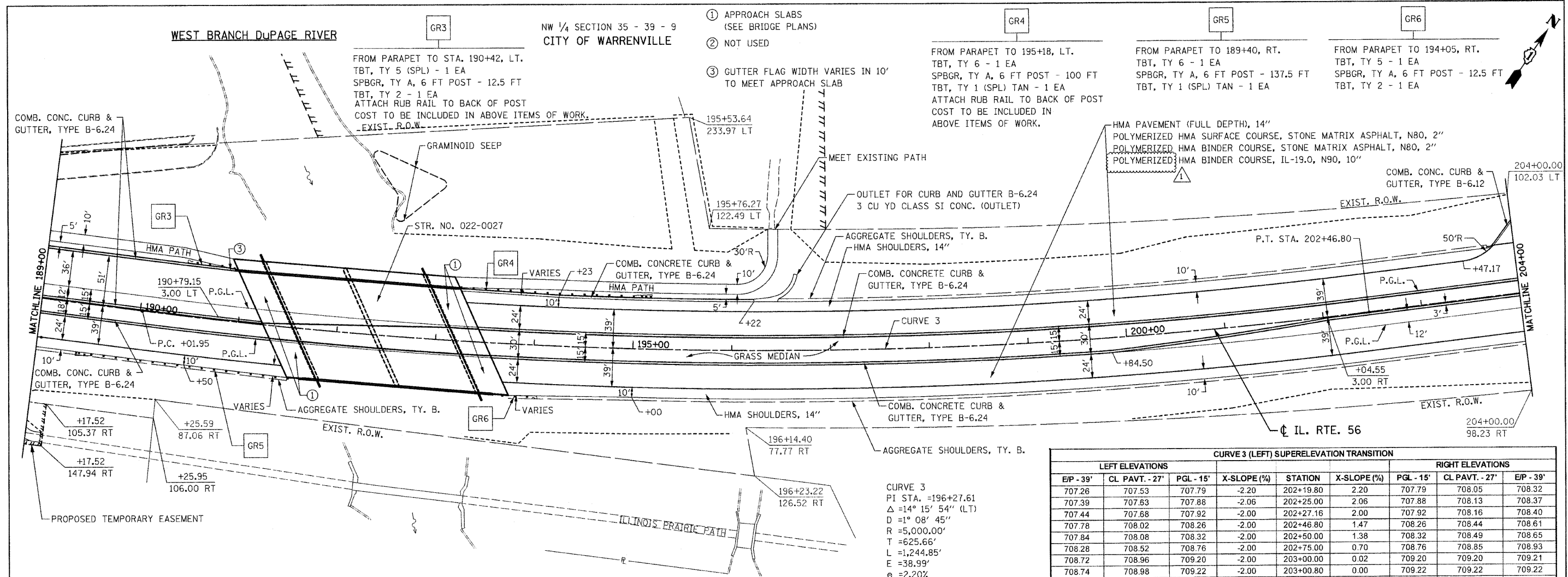
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE  
IL. RTE. 56

SCALE: 1" = 50' SHEET NO. 7 OF 12 SHEETS STA. 174+00 TO STA. 189+00

F.A.P. RTE. 365 SECTION (58&59) WRS-3 COUNTY DU PAGE 466 96 CONTRACT NO. 62420

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



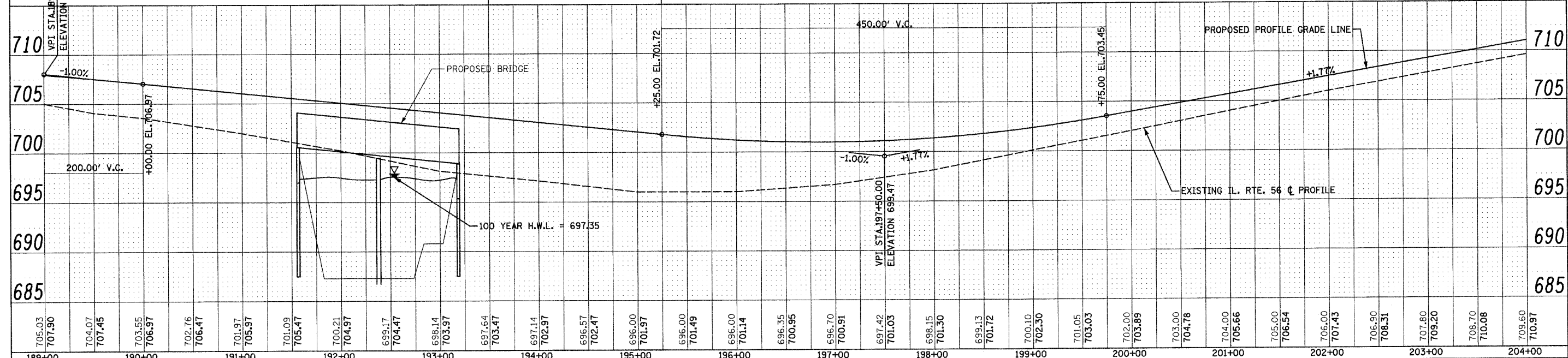
- ① APPROACH SLABS (SEE BRIDGE PLANS)
- ② NOT USED
- ③ GUTTER FLAG WIDTH VARIES IN 10' TO MEET APPROACH SLAB

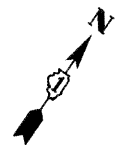
**CURVE 3 (LEFT) SUPERELEVATION TRANSITION**

| LEFT ELEVATIONS |                |           | X-SLOPE (%) | STATION   | X-SLOPE (%) | RIGHT ELEVATIONS |                |           |
|-----------------|----------------|-----------|-------------|-----------|-------------|------------------|----------------|-----------|
| E/P - 39'       | CL PAVT. - 27' | PGL - 15' |             |           |             | E/P - 39'        | CL PAVT. - 27' | E/P - 39' |
| 707.26          | 707.53         | 707.79    | -2.20       | 202+19.80 | 2.20        | 707.79           | 708.05         | 708.32    |
| 707.39          | 707.63         | 707.88    | -2.06       | 202+25.00 | 2.06        | 707.88           | 708.13         | 708.37    |
| 707.44          | 707.68         | 707.92    | -2.00       | 202+27.16 | 2.00        | 707.92           | 708.16         | 708.40    |
| 707.78          | 708.02         | 708.26    | -2.00       | 202+46.80 | 1.47        | 708.26           | 708.44         | 708.61    |
| 707.84          | 708.08         | 708.32    | -2.00       | 202+50.00 | 1.38        | 708.32           | 708.49         | 708.65    |
| 708.28          | 708.52         | 708.76    | -2.00       | 202+75.00 | 0.70        | 708.76           | 708.85         | 708.93    |
| 708.72          | 708.96         | 709.20    | -2.00       | 203+00.00 | 0.02        | 709.20           | 709.20         | 709.21    |
| 708.74          | 708.98         | 709.22    | -2.00       | 203+00.80 | 0.00        | 709.22           | 709.22         | 709.22    |
| 709.17          | 709.41         | 709.65    | -2.00       | 203+25.00 | -0.66       | 709.65           | 709.57         | 709.49    |
| 709.61          | 709.85         | 710.09    | -2.00       | 203+50.00 | -1.34       | 710.09           | 709.93         | 709.77    |
| 710.04          | 710.28         | 710.52    | -2.00       | 203+74.44 | -2.00       | 710.52           | 710.28         | 710.04    |

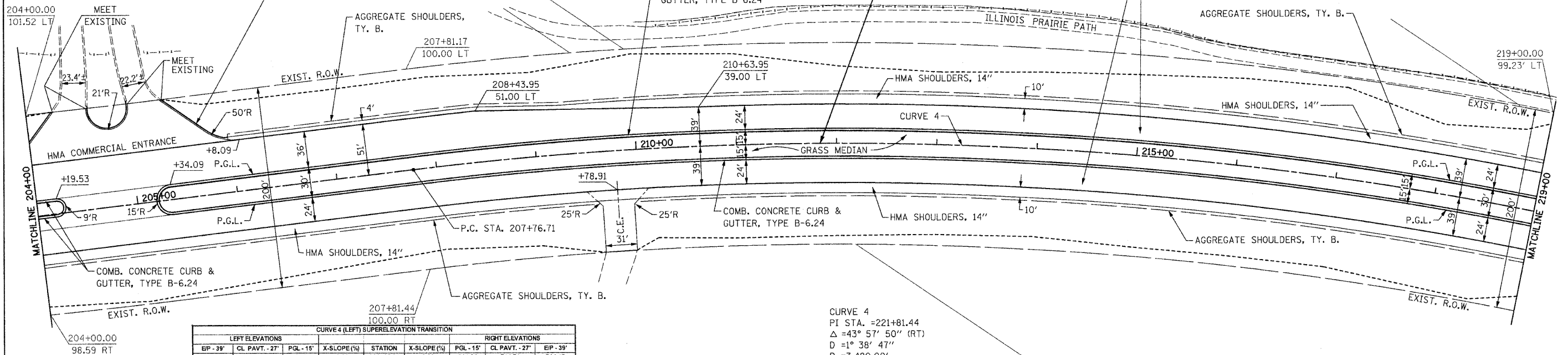
CURVE 3  
 PI STA. =196+27.61  
 $\Delta = 14^\circ 15' 54''$  (LT)  
 $D = 1^\circ 08' 45''$   
 $R = 5,000.00'$   
 $T = 625.66'$   
 $L = 1,244.85'$   
 $E = 38.99'$   
 $e = 2.20\%$   
 $T.R. = 73.64'$   
 $S.E. RUN = 81'$   
 P.C. STA. =190+01.95  
 P.T. STA. =202+46.80

CRA 19 ELEV. 710.38  
 STA. 204+80.33 79.81' LT.  
 "□" CUT ATOP CURB





**FOREST PRESERVE ENTRANCE**



**CURVE 4 (LEFT) SUPERELEVATION TRANSITION**

| LEFT ELEVATIONS |                |           |             | RIGHT ELEVATIONS |             |           |                |          |
|-----------------|----------------|-----------|-------------|------------------|-------------|-----------|----------------|----------|
| EP - 39'        | CL PAVT. - 27' | PGL - 15' | X-SLOPE (%) | STATION          | X-SLOPE (%) | PGL - 15' | CL PAVT. - 27' | EP - 39' |
| 714.47          | 714.71         | 714.95    | -2.00       | 206+25.21        | -2.00       | 714.95    | 714.71         | 714.47   |
| 715.07          | 715.23         | 715.39    | -1.34       | 206+50.00        | -2.00       | 715.39    | 715.15         | 714.91   |
| 715.87          | 715.75         | 716.83    | -0.68       | 206+75.00        | -2.00       | 715.83    | 715.59         | 715.35   |
| 716.28          | 716.28         | 716.28    | -0.02       | 207+00.00        | -2.00       | 716.28    | 716.04         | 715.80   |
| 716.29          | 716.29         | 716.29    | 0.00        | 207+00.71        | -2.00       | 716.29    | 716.05         | 715.81   |
| 716.87          | 716.80         | 716.72    | 0.64        | 207+25.00        | -2.00       | 716.72    | 716.48         | 716.24   |
| 717.47          | 717.32         | 717.16    | 1.31        | 207+50.00        | -2.00       | 717.16    | 716.92         | 716.68   |
| 718.07          | 717.84         | 717.60    | 1.97        | 207+75.00        | -2.00       | 717.60    | 717.36         | 717.12   |
| 718.10          | 717.86         | 717.62    | 2.00        | 207+76.21        | -2.00       | 717.62    | 717.36         | 717.14   |
| 718.11          | 717.87         | 717.63    | 2.01        | 207+76.71        | -2.01       | 717.63    | 717.39         | 717.15   |
| 718.67          | 718.36         | 718.04    | 2.63        | 208+00.00        | -2.63       | 718.04    | 717.72         | 717.41   |
| 719.02          | 718.66         | 718.30    | 3.02        | 208+14.71        | -3.02       | 718.30    | 717.94         | 717.58   |

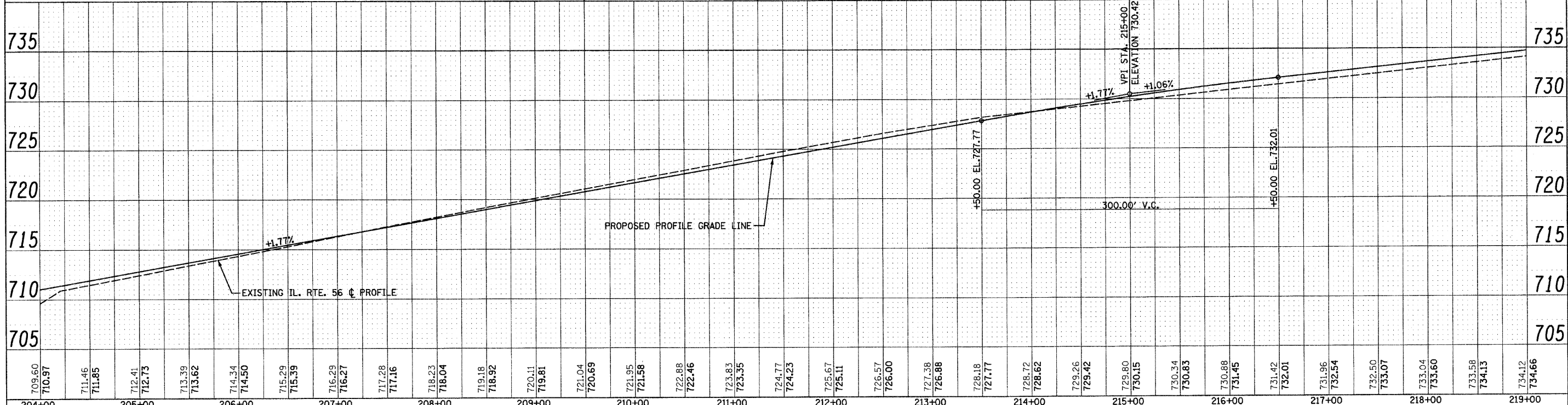
NE 1/4 SECTION 35 - 39 - 9

CRA 20 ELEV. 721.77  
STA. 210+85.15 68.01' LT.  
1/2" IRON PIPE

**CURVE 4**  
PI STA. =221+81.44  
Δ =43° 57' 50" (RT)  
D =1° 38' 47"  
R =3,480.00'  
T =1,404.73'  
L =2,670.25'  
E =272.82'  
e =3.02%  
T.R. =75.49'  
S.E. RUN =114'  
P.C. STA. =207+76.71  
P.T. STA. =234+46.96

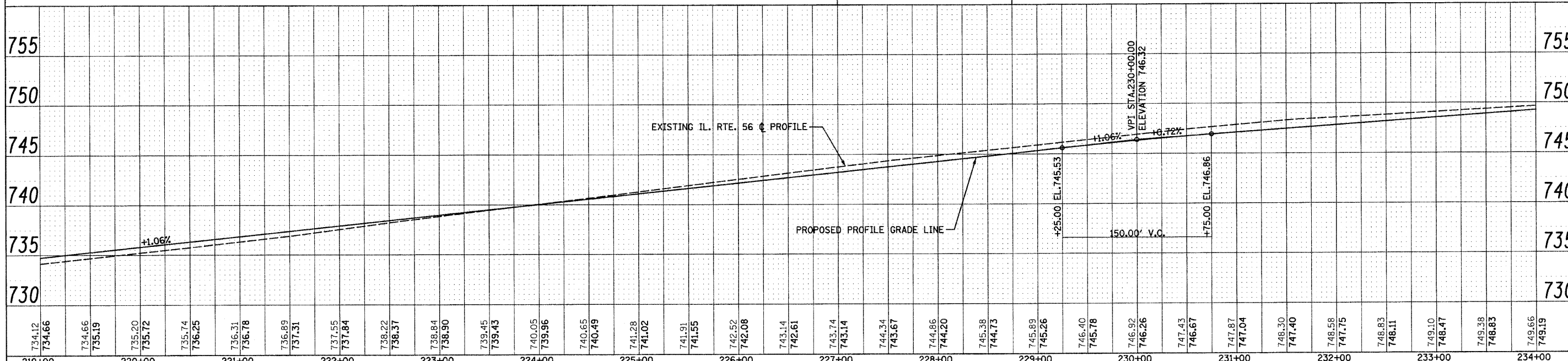
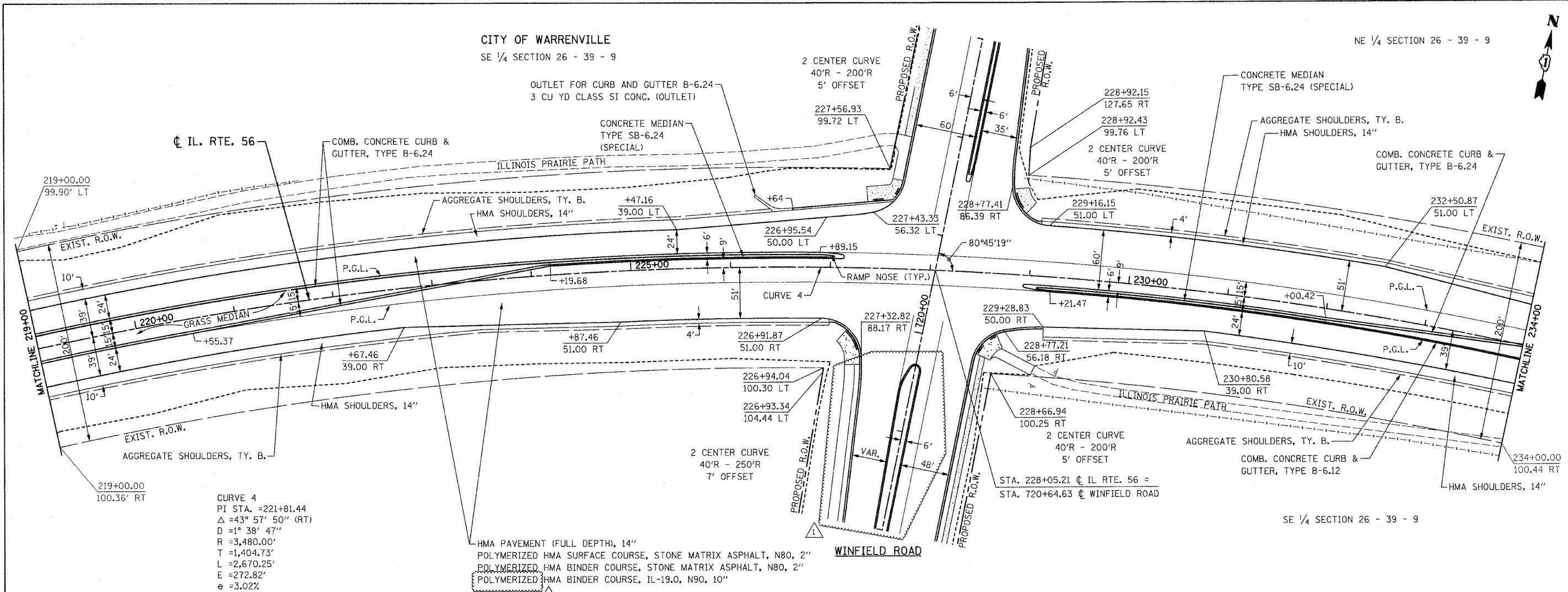
**NOTES:**  
1. FOR FOREST PRESERVE ENTRANCE INTERSECTION, SEE INTERSECTION DETAILS SHEET.

CP 105 ELEV. 731.40  
STA. 217+42.20 33.98' RT.  
3/4" IRON PIPE W/CAP

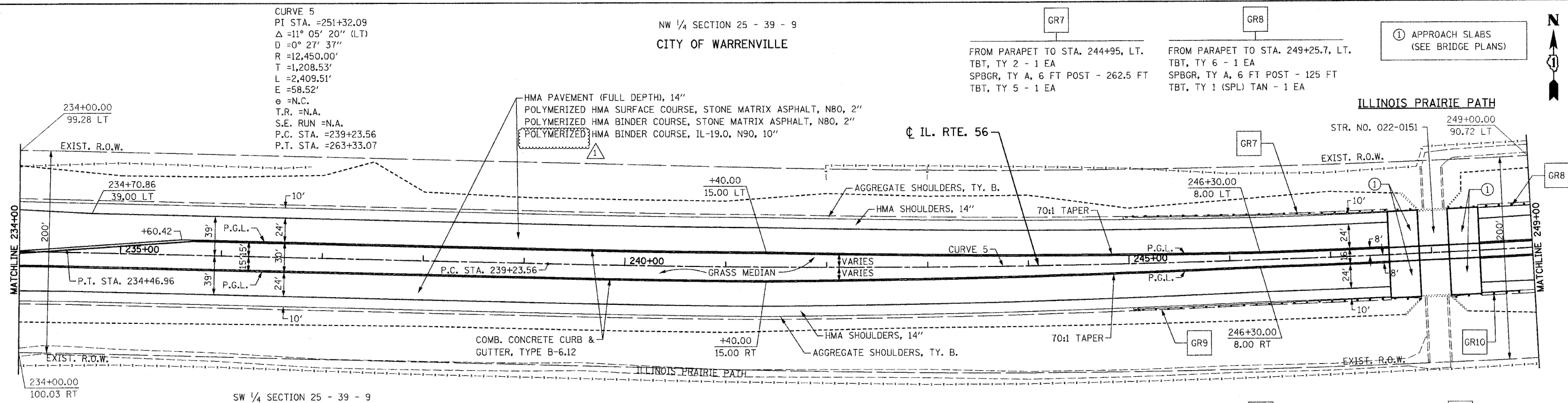


CITY OF WARRENVILLE  
SE 1/4 SECTION 26 - 39 - 9

NE 1/4 SECTION 26 - 39 - 9



NW 1/4 SECTION 25 - 39 - 9  
CITY OF WARRENVILLE



CURVE 5  
PI STA. =251+32.09  
Δ =11° 05' 20" (LT)  
D =0° 27' 37"  
R =12,450.00'  
T =1,208.53'  
L =2,409.51'  
E =58.52'  
e =N.C.  
T.R. =N.A.  
S.E. RUN =N.A.  
P.C. STA. =239+23.56  
P.T. STA. =263+33.07

GR7 FROM PARAPET TO STA. 244+95, LT.  
TBT, TY 2 - 1 EA  
SPBGR, TY A, 6 FT POST - 262.5 FT  
TBT, TY 5 - 1 EA

GR8 FROM PARAPET TO STA. 249+25.7, LT.  
TBT, TY 6 - 1 EA  
SPBGR, TY A, 6 FT POST - 125 FT  
TBT, TY 1 (SPL) TAN - 1 EA

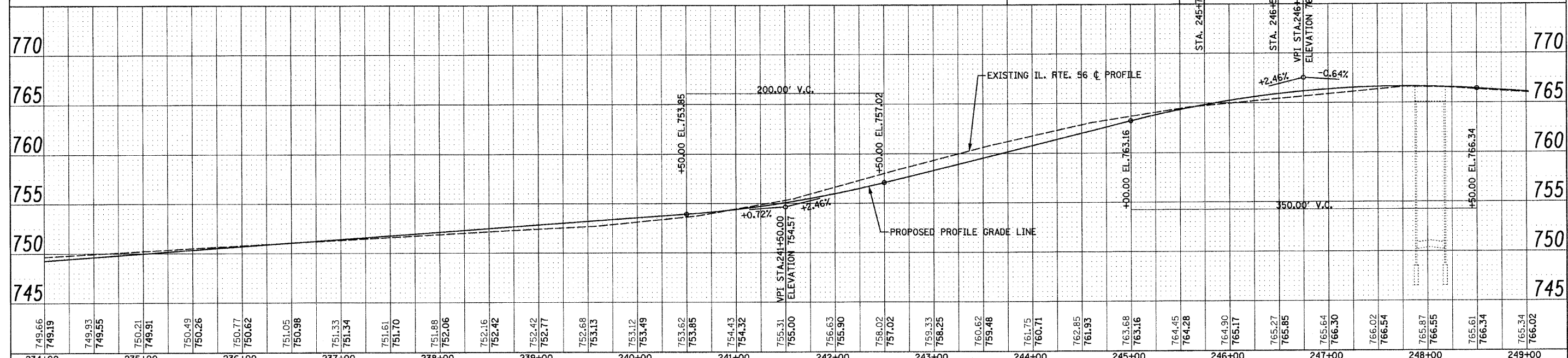
APPROACH SLABS  
(SEE BRIDGE PLANS)

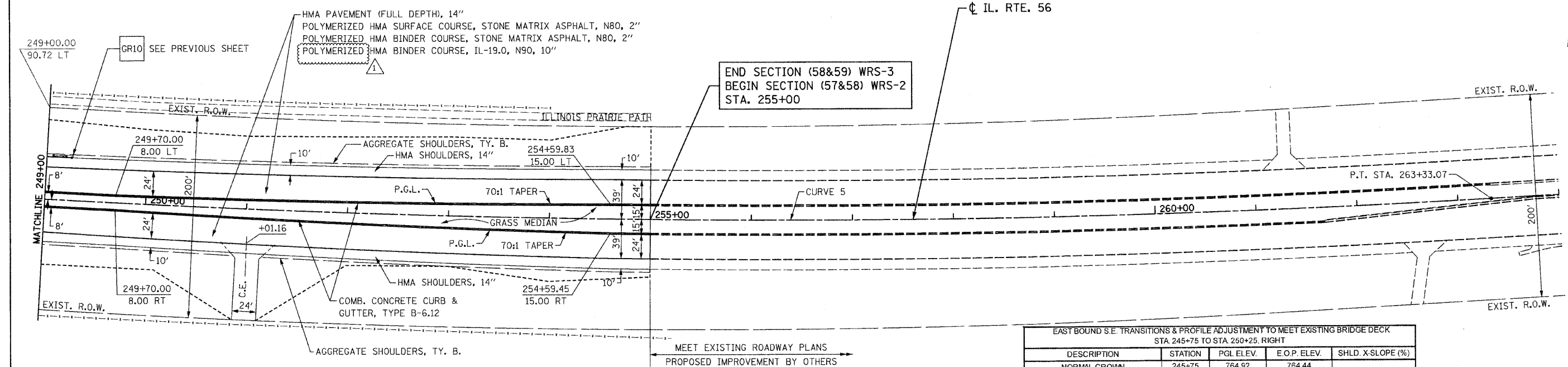
| CURVE 4 (LEFT) SUPERELEVATION TRANSITION |                |           |             |                  |             |           |                |           |
|--|----------------|-----------|-------------|------------------|-------------|-----------|----------------|-----------|
| LEFT ELEVATIONS                          |                |           |             | RIGHT ELEVATIONS |             |           |                |           |
| E/P - 39'                                | CL PAVT. - 27' | PGL - 15' | X-SLOPE (%) | STATION          | X-SLOPE (%) | PGL - 15' | CL PAVT. - 27' | E/P - 39' |
| 749.97                                   | 749.61         | 749.25    | 3.02        | 234+08.96        | -3.02       | 749.25    | 748.89         | 748.53    |
| 749.99                                   | 749.68         | 749.37    | 2.60        | 234+25.00        | -2.60       | 749.37    | 749.06         | 748.75    |
| 750.01                                   | 749.77         | 749.53    | 2.01        | 234+46.96        | -2.01       | 749.53    | 749.29         | 749.05    |
| 750.01                                   | 749.77         | 749.53    | 2.00        | 234+47.46        | -2.00       | 749.53    | 749.29         | 749.05    |
| 750.01                                   | 749.78         | 749.55    | 1.93        | 234+50.00        | -2.00       | 749.55    | 749.31         | 749.07    |
| 750.03                                   | 749.88         | 749.73    | 1.27        | 234+75.00        | -2.00       | 749.73    | 749.49         | 749.25    |
| 750.06                                   | 749.98         | 749.91    | 0.61        | 235+00.00        | -2.00       | 749.91    | 749.67         | 749.43    |
| 750.07                                   | 750.07         | 750.07    | 0.00        | 235+22.96        | -2.00       | 750.07    | 749.83         | 749.59    |
| 750.07                                   | 750.07         | 750.08    | -0.05       | 235+25.00        | -2.00       | 750.08    | 749.84         | 749.60    |
| 750.09                                   | 750.17         | 750.26    | -0.72       | 235+50.00        | -2.00       | 750.26    | 750.02         | 749.78    |
| 750.11                                   | 750.27         | 750.44    | -1.38       | 235+75.00        | -2.00       | 750.44    | 750.20         | 749.96    |
| 750.13                                   | 750.37         | 750.61    | -2.00       | 235+98.46        | -2.00       | 750.61    | 750.37         | 750.13    |

| WEST BOUND S.E. TRANSITIONS & PROFILE ADJUSTMENT TO MEET EXISTING BRIDGE DECK<br>STA 246+50 TO STA 249+50, LEFT |         |           |              |                   |
|---|---------|-----------|--------------|-------------------|
| DESCRIPTION   | STATION | PGL ELEV. | E.O.P. ELEV. | SHLD. X-SLOPE (%) |
| NORMAL CROWN  | 246+50  | 765.85    | 765.37       |                   |
|   | 246+75  | 766.11    | 765.63       |                   |
|   | 247+00  | 766.31    | 765.83       |                   |
|   | 247+25  | 766.45    | 765.97       | -4.0% (NORMAL)    |
| MEET PGL ELEV.  | 247+50  | 766.54    | 766.06       | -2.0%             |
|   | 247+75  | 766.71    | 766.23       | 0.0%              |
| BRIDGE DECK   | 247+88  | 766.77    | 766.29       | +2.0%             |
| BRIDGE DECK   | 248+18  | 766.83    | 766.35       | +2.0%             |
|   | 248+50  | 766.25    | 765.77       | 0.0%              |
|   | 248+75  | 766.02    | 765.54       | -2.0%             |
| MEET PGL ELEV.  | 249+00  | 765.91    | 765.43       | -4.0% (NORMAL)    |
|   | 249+25  | 765.61    | 765.13       |                   |
| NORMAL CROWN  | 249+50  | 765.25    | 764.77       |                   |

GR9 FROM PARAPET TO STA. 245+00, RT.  
TBT, TY 6 - 1 EA  
SPBGR, TY A, 6 FT POST - 200 FT  
TBT, TY 1 (SPL) TAN - 1 EA

GR10 FROM PARAPET TO STA. 248+94.4, RT.  
TBT, TY 2 - 1 EA  
SPBGR, TY A, 6 FT POST - 50 FT  
TBT, TY 5 - 1 EA





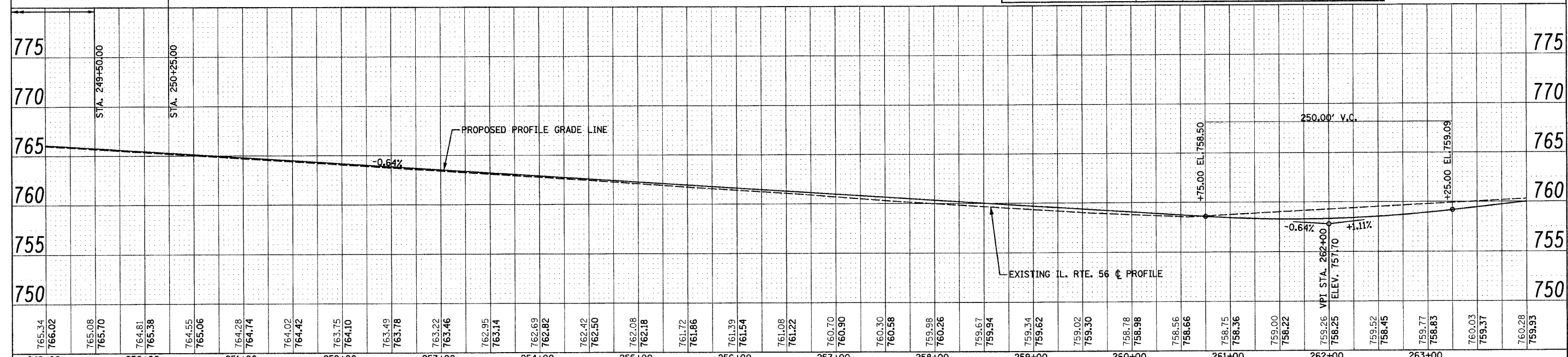
END SECTION (58&59) WRS-3  
BEGIN SECTION (57&58) WRS-2  
STA. 255+00

CURVE 5  
PI STA. =251+32.09  
Δ =11° 05' 20" (LT)  
D =0° 27' 37"  
R =12,450.00'  
T =1,208.53'  
L =2,409.51'  
E =58.52'  
e =N.C.  
T.R. =N.A.  
S.E. RUN =N.A.  
P.C. STA. =239+23.56  
P.T. STA. =263+33.07

EAST BOUND S.E. TRANSITIONS & PROFILE ADJUSTMENT TO MEET EXISTING BRIDGE DECK  
STA. 245+75 TO STA. 250+25, RIGHT

| DESCRIPTION                   | STATION | P.G.L. ELEV. | E.O.P. ELEV. | SHLD. X-SLOPE (%) |
|-------------------------------|---------|--------------|--------------|-------------------|
| NORMAL CROWN                  | 245+75  | 764.92       | 764.44       |                   |
|                               | 246+00  | 765.23       | 764.67       |                   |
|                               | 246+25  | 765.50       | 765.26       |                   |
|                               | 246+50  | 765.74       | 765.62       |                   |
| MEET PGL ELEV.                | 246+75  | 765.93       | 765.93       |                   |
|                               | 247+00  | 766.12       | 766.24       |                   |
|                               | 247+25  | 766.31       | 766.55       |                   |
|                               | 247+50  | 766.47       | 766.83       | 4.00 (NORMAL)     |
|                               | 247+75  | 766.56       | 766.94       | 3.00              |
| BRIDGE DECK                   | 247+88  | 766.59       | 766.97       | 2.10              |
| BRIDGE DECK                   | 248+18  | 766.65       | 767.03       | 2.10              |
|                               | 248+25  | 766.64       | 767.02       | 3.00              |
|                               | 248+50  | 766.59       | 766.95       | 4.00 (NORMAL)     |
|                               | 248+75  | 766.49       | 766.73       |                   |
|                               | 249+00  | 766.34       | 766.46       |                   |
|                               | 249+25  | 766.14       | 766.14       |                   |
|                               | 249+50  | 765.91       | 765.79       |                   |
|                               | 249+75  | 765.68       | 765.44       |                   |
|                               | 250+00  | 765.45       | 765.09       |                   |
| NORMAL CROWN / MEET PGL ELEV. | 250+25  | 765.22       | 764.74       |                   |

EAST BOUND S.E. TRANSITION & PROFILE ADJUSTMENT

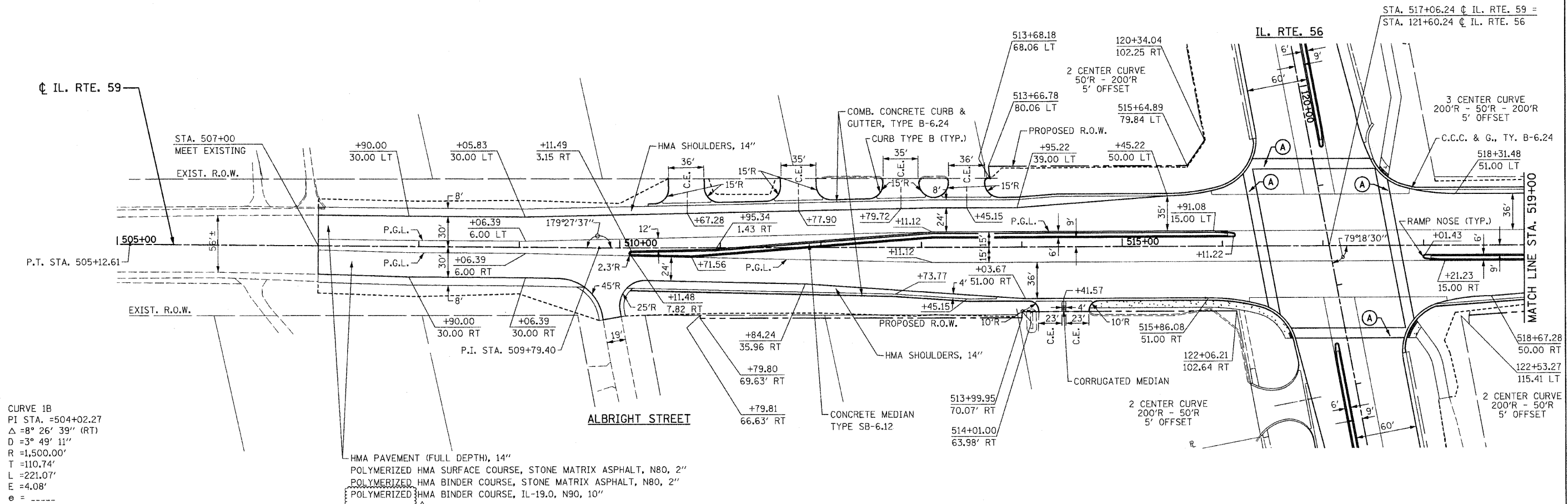




CITY OF WARRENVILLE  
SW 1/4 SECTION 34 - 39 - 9

(A) PCC PAVEMENT JT, 10", SPL

NW 1/4 SECTION 34 - 39 - 9

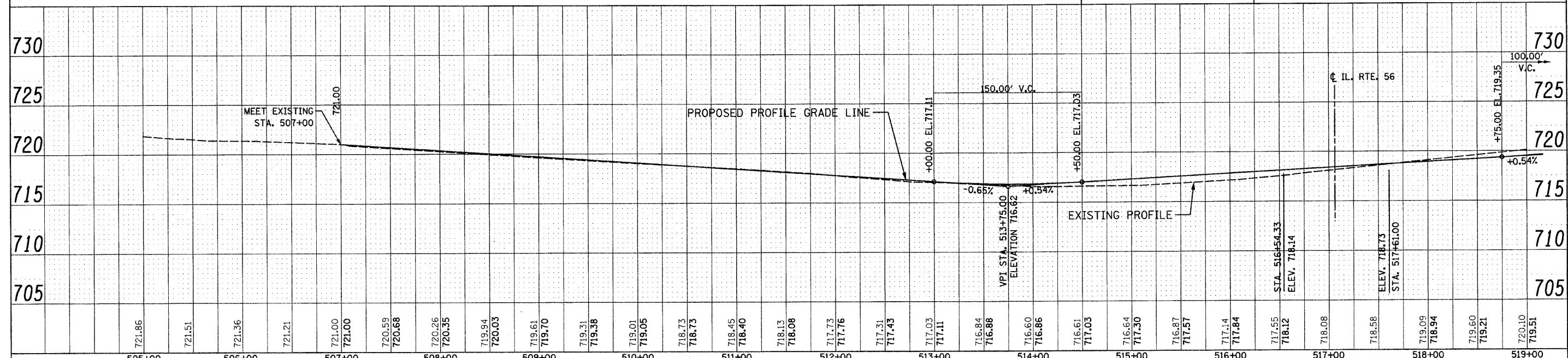


CURVE 1B  
PI STA. =504+02.27  
Δ =8° 26' 39" (RT)  
D =3° 49' 11"  
R =1,500.00'  
T =110.74'  
L =221.07'  
E =4.08'  
e =  
T.R. =  
S.E. RUN =  
P.C. STA. =502+91.54  
P.T. STA. =505+12.61

HMA PAVEMENT (FULL DEPTH), 14"  
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"

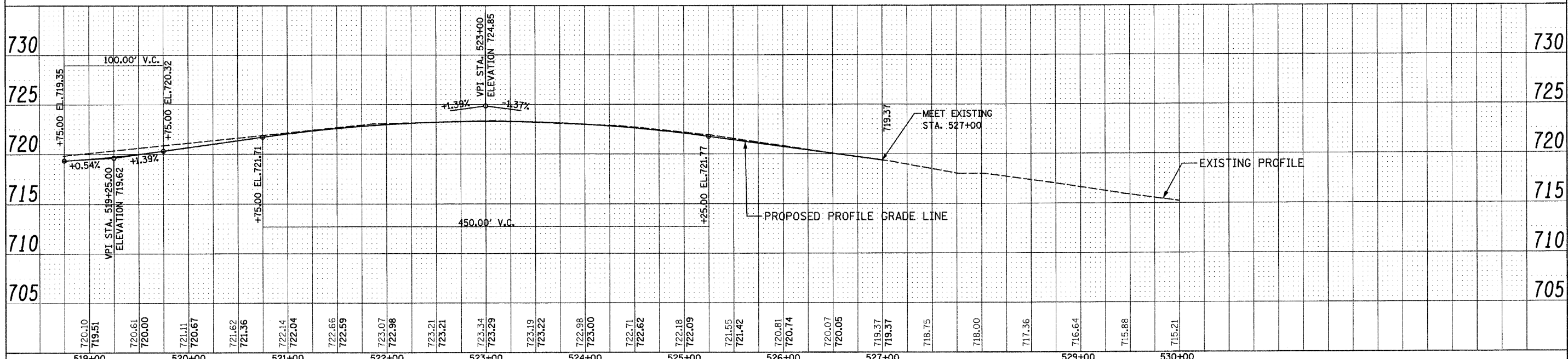
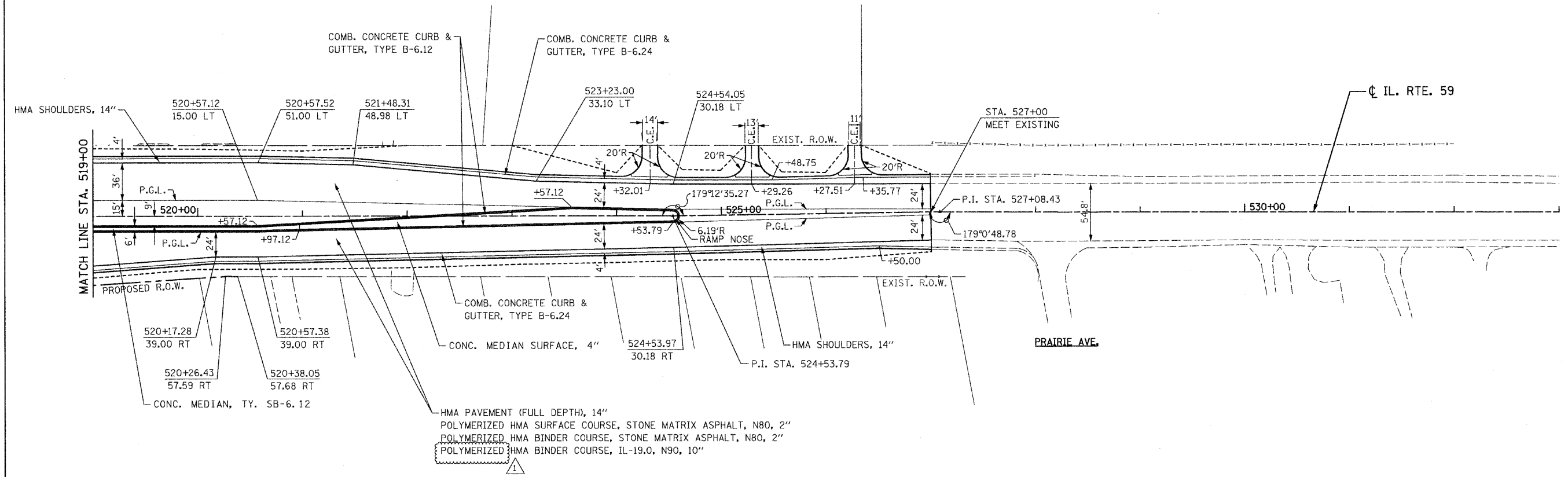
BM 464 ELEV. 716.77  
STA. 124+87.58 54.15' RT.  
"□" ON LIGHT POLE BASE

NOTES:  
1. FOR IL. RTE. 59 INTERSECTION,  
SEE DETAILS AND ELEVATIONS SHEET.

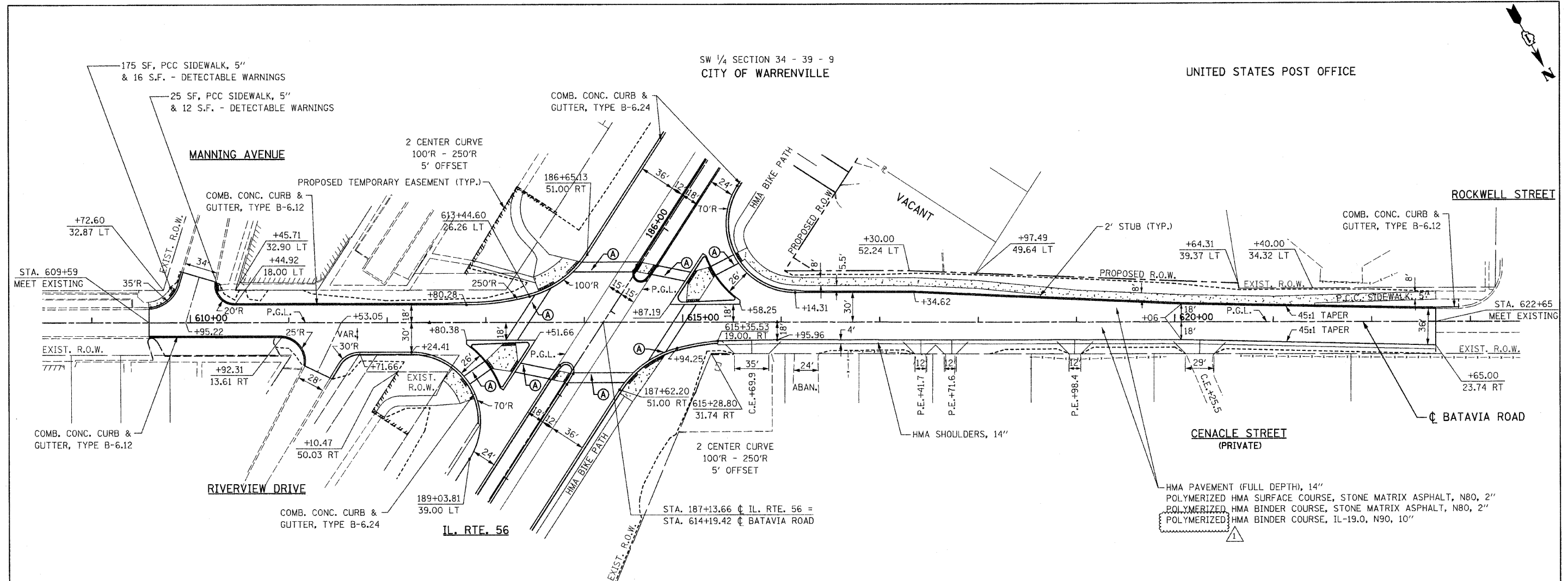


|  |                              |                                   |                         |   |                |   |               |
|--|------------------------------|-----------------------------------|-------------------------|---|----------------|---|---------------|
| FILE NAME =D:\62420-shr-plnprf591.dgn  | DESIGNED - S.J.P.            | REVISED 1 - ADDENDUM 1 12-28-2010 | F.A.P. RTE. 365         | SECTION (58&59) WRS-3                             | COUNTY DuPAGE  | TOTAL SHEETS 466                        | SHEET NO. 102 |
| CHRISTIAN-ROGE & ASSOCIATES, INC.<br>ENGINEERS-PLANNERS-SURVEYORS<br>211 WEST WACKER DRIVE<br>CHICAGO, ILLINOIS 60606<br>PHONE: (312)372-2023 FAX: (312)372-5274 | DRAWN - B.K.                 | CHECKED - M.P.                    | DATE - DECEMBER 3, 2010 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION |                | ROADWAY PLAN AND PROFILE<br>IL. RTE. 59 |               |
| PLOT DATE =12/29/2010  | PLOT SCALE =50.000' / 1" IN. | SCALE: 1" = 50'                   | SHEET NO. 1 OF 2 SHEETS | STA. 507+00                                       | TO STA. 519+00 | CONTRACT NO. 62420                      |               |

CITY OF WARRENVILLE  
NW 1/4 SECTION 34 - 39 - 9



|  |   |                         |                                 |   |   |                         |                 |                       |                       |                           |                    |
|--|---|-------------------------|---------------------------------|---|---|-------------------------|-----------------|-----------------------|-----------------------|---------------------------|--------------------|
| FILE NAME = D:\62420-sh1-plnprf592.dgn | <b>CHRISTIAN-ROGE &amp; ASSOCIATES, INC.</b><br>ENGINEERS-PLANNERS-SURVEYORS<br>211 WEST WACKER DRIVE<br>CHICAGO, ILLINOIS 60606<br>PHONE: (312)372-2023 FAX: (312)372-5274 | DESIGNED - S.J.P.       | REVISED 1 ADDENDUM 1 12-28-2010 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>ROADWAY PLAN AND PROFILE</b><br><b>IL. RTE. 59</b> |                         | F.A.P. RTE. 365 | SECTION (58&59) WRS-3 | COUNTY DuPAGE         | TOTAL SHEETS 466          | SHEET NO. 103      |
| PLOT DATE = 12/29/2010                 |   | DRAWN - B.K.            | REVISED -                       |   | SCALE: 1" = 50'                                       | SHEET NO. 2 OF 2 SHEETS | STA. 519+00     | TO STA. 527+00        | FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT | CONTRACT NO. 62420 |
| PLOT SCALE = 50.000' / 1"              |   | CHECKED - M.P.          | REVISED -                       |   |   |                         |                 |                       |                       |                           |                    |
|  |   | DATE - DECEMBER 3, 2010 | REVISED -                       |   |   |                         |                 |                       |                       |                           |                    |



SW 1/4 SECTION 34 - 39 - 9  
CITY OF WARRENVILLE

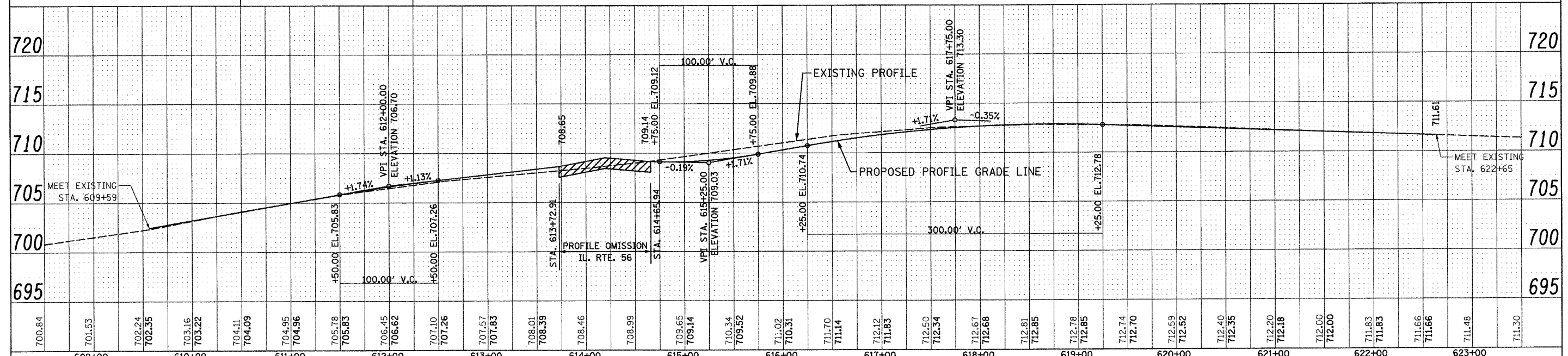
UNITED STATES POST OFFICE

BM 440 ELEV. 708.43  
STA. 187+36.27 14.22' LT.  
"X" CUT ATOP CURB

(A) PCC PAVEMENT JT, 10", SPL

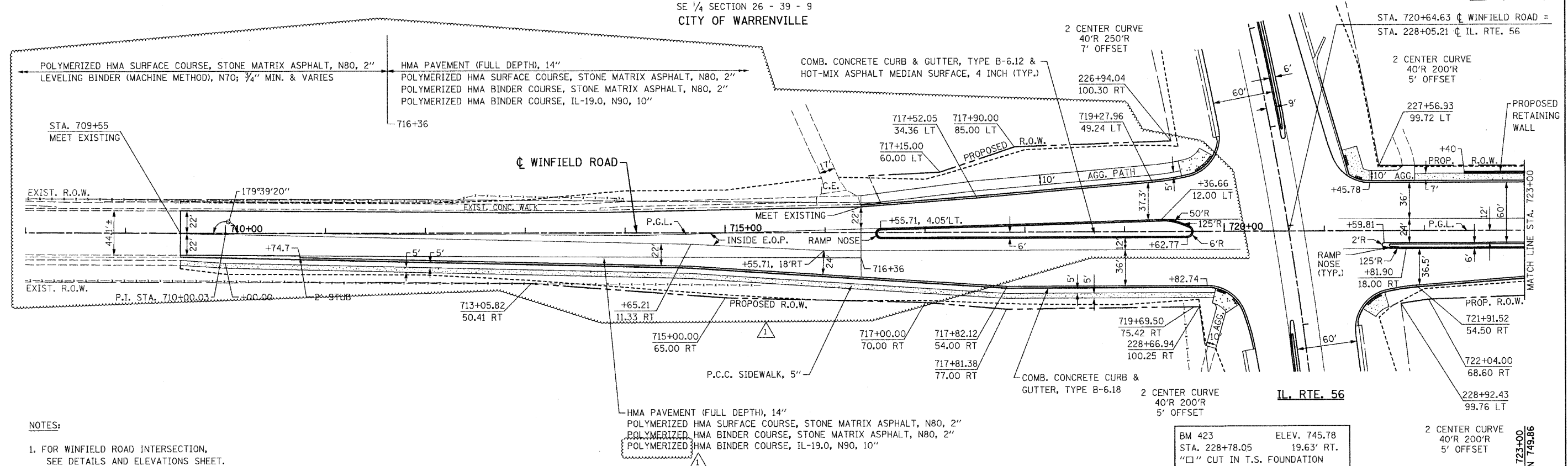
HMA PAVEMENT (FULL DEPTH), 14"  
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"  
POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10"

NOTES:  
1. FOR BATAVIA ROAD INTERSECTION,  
SEE DETAILS AND ELEVATIONS SHEET.

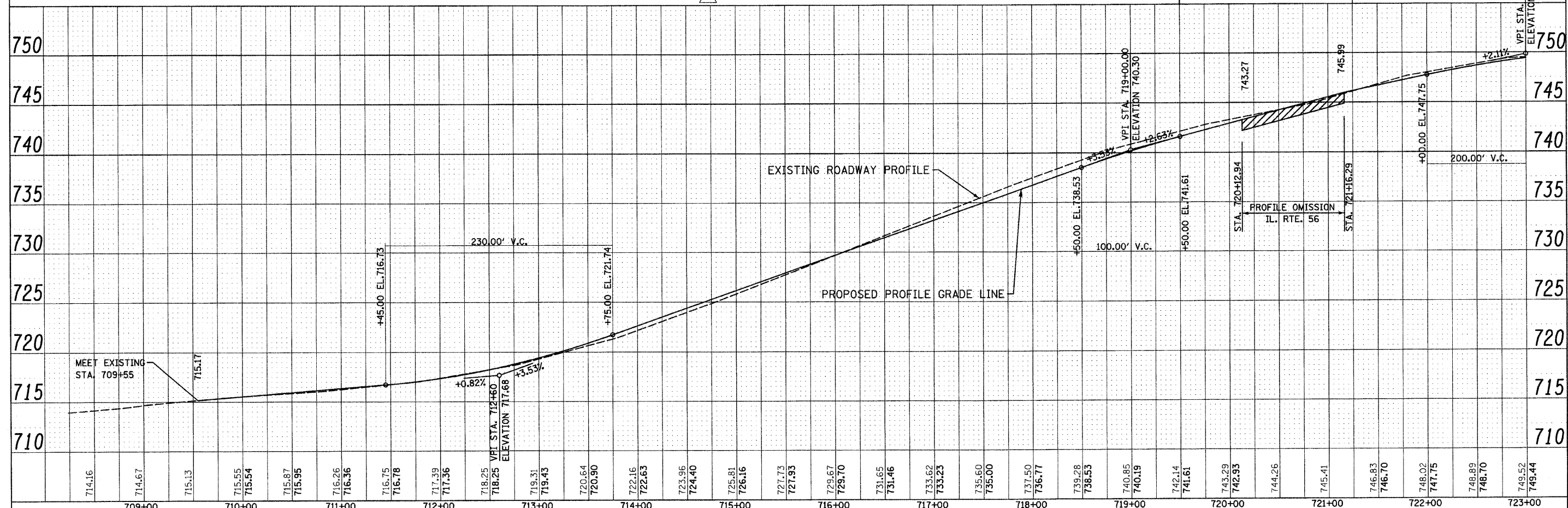


|  |        |        |        |        |        |        |        |        |        |                        |        |        |        |        |        |        |        |        |        |                               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |        |        |        |        |        |        |        |        |        |  |        |        |        |        |        |  |  |  |  |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--------|--------|--------|--------|--------|--|--|--|--|---|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|
| 700.84                                 | 701.53 | 702.24 | 702.35 | 703.16 | 703.22 | 704.11 | 704.09 | 704.95 | 704.96 | 705.78                 | 705.83 | 706.45 | 706.62 | 707.10 | 707.26 | 707.57 | 707.83 | 708.01 | 708.39 | 708.46                        | 708.99 | 709.65 | 709.14 | 710.34 | 709.52 | 711.02 | 710.31 | 711.70 | 711.14 | 712.12 | 711.83 | 712.50 | 712.34 | 712.67 | 712.66 | 712.81 | 712.85 | 712.78 | 712.85 | 712.74   | 712.70 | 712.59 | 712.52 | 712.40 | 712.35 | 712.20 | 712.18 | 712.00 | 712.00 | 711.83   | 711.83 | 711.66 | 711.66 | 711.48 | 711.30 |  |  |  |  |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
| 609+00                                 |        |        |        |        |        |        |        |        |        | 610+00                 |        |        |        |        | 611+00 |        |        |        |        | 612+00                        |        |        |        |        | 613+00 |        |        |        |        | 614+00 |        |        |        |        | 615+00 |        |        |        |        | 616+00   |        |        |        |        | 617+00 |        |        |        |        | 618+00   |        |        |        |        | 619+00 |  |  |  |  | 620+00  |  |  |  |  | 621+00 |  |  |  |  | 622+00                                   |  |  |  |  | 623+00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
| FILE NAME = D:\62420-drt-plnprfbat.dgn |        |        |        |        |        |        |        |        |        | PLOT DATE = 12/29/2010 |        |        |        |        |        |        |        |        |        | PLOT SCALE = 50.000' / 1" IN. |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | DESIGNED - S.J.P.<br>DRAWN - B.K.<br>CHECKED - M.P.<br>DATE - DECEMBER 3, 2010 |        |        |        |        |        |        |        |        |        | REVISED / 1 ADDENDUM 1 12-28-2010<br>REVISED -<br>REVISED -<br>REVISED - |        |        |        |        |        |  |  |  |  | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION |  |  |  |  |        |  |  |  |  | ROADWAY PLAN AND PROFILE<br>BATAVIA ROAD |  |  |  |  |        |  |  |  |  | F.A.P. R.T.E. 365<br>SECTION (58&59) WRS-3<br>COUNTY DuPAGE<br>TOTAL SHEETS 466<br>SHEET NO. 104<br>CONTRACT NO. 62420 |  |  |  |  |  |  |  |  |  | SCALE: 1" = 50'<br>SHEET NO. 1 OF 1 SHEETS<br>STA. 609+16 TO STA. 622+65<br>FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT |  |  |  |  |  |  |  |  |  |

SE 1/4 SECTION 26 - 39 - 9  
CITY OF WARRENVILLE



NOTES:  
1. FOR WINFIELD ROAD INTERSECTION, SEE DETAILS AND ELEVATIONS SHEET.

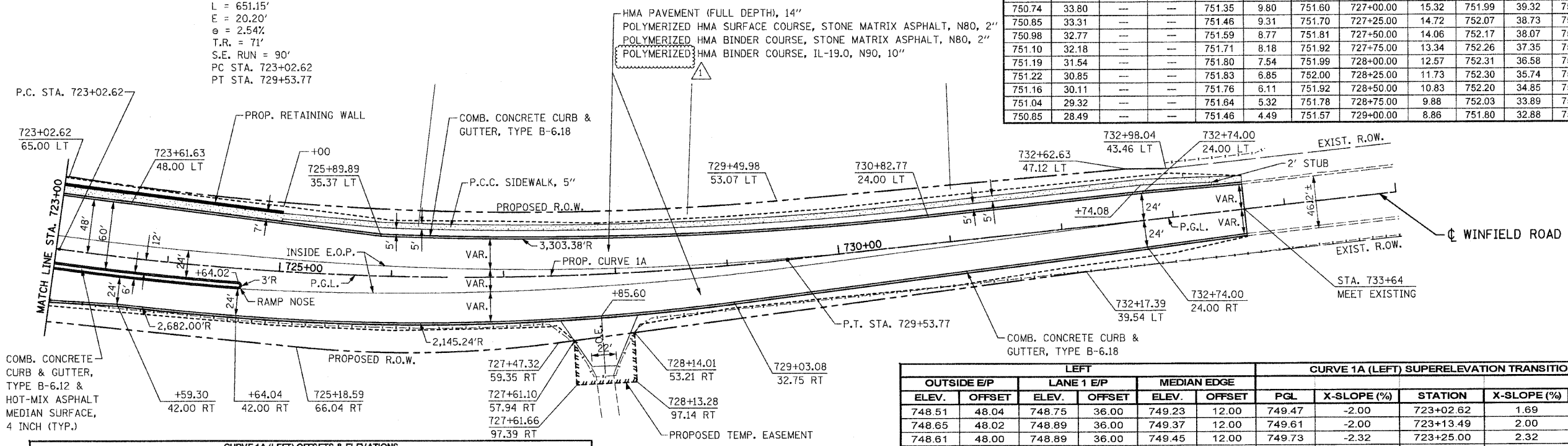


|   |                         |                                   |   |   |  |                 |                         |                            |   |                    |  |  |
|---|-------------------------|-----------------------------------|---|---|--|-----------------|-------------------------|----------------------------|---|--------------------|--|--|
| FILE NAME = 0162420-shr-plnprfwinl.dgn  | DESIGNED - S.J.P.       | REVISED 1 - ADDENDUM 1 12-28-2010 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>ROADWAY PLAN AND PROFILE</b><br><b>WINFIELD ROAD</b> |  | F.A.P. RTE. 365 | SECTION (58&59) WRS-3   | COUNTY                     | TOTAL SHEETS 466                                  | SHEET NO. 105      |  |  |
| PLOT DATE = 12/29/2010                  | DRAWN - B.K.            | REVISED -                         |   |   |  | SCALE: 1" = 50' | SHEET NO. 1 OF 2 SHEETS | STA. 709+55 TO STA. 723+00 | FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT | CONTRACT NO. 62420 |  |  |
| PLOT SCALE = 50.000' / IN.              | CHECKED - M.P.          | REVISED -                         |   |   |  |                 |                         |                            |   |                    |  |  |
| PHONE: (312)372-2023 FAX: (312)372-5274 | DATE - DECEMBER 3, 2010 | REVISED -                         |   |   |  |                 |                         |                            |   |                    |  |  |

CURVE 1A  
 PI STA. 726+29.86  
 $\Delta = 14^\circ 07' 55''$  (LT)  
 $D = 2^\circ 10' 13''$   
 $T = 327.24'$   
 $R = 2,640.00'$   
 $L = 651.15'$   
 $E = 20.20'$   
 $e = 2.54\%$   
 $T.R. = 71'$   
 $S.E. RUN = 90'$   
 PC STA. 723+02.62  
 PT STA. 729+53.77

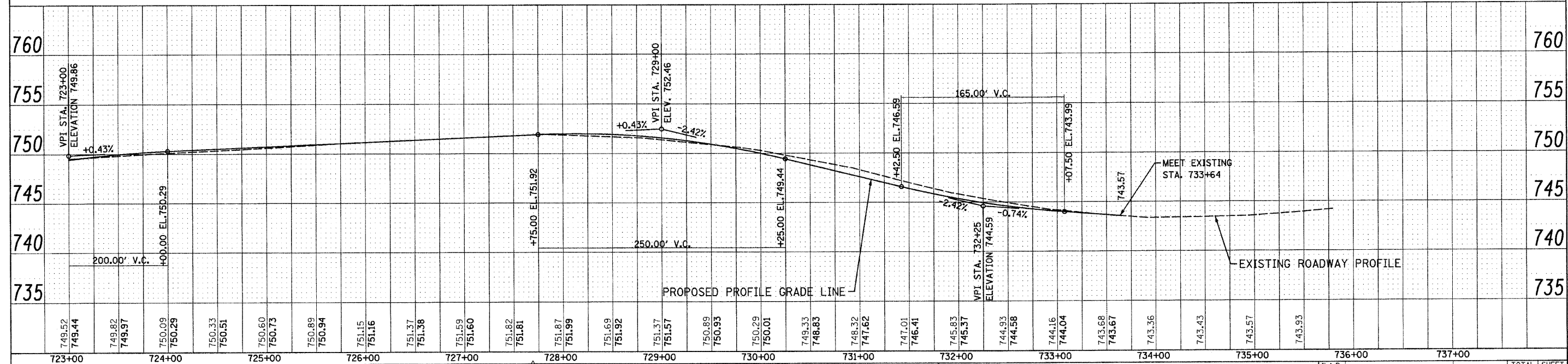
SE 1/4 SECTION 26 - 39 - 9  
 CITY OF WARRENVILLE

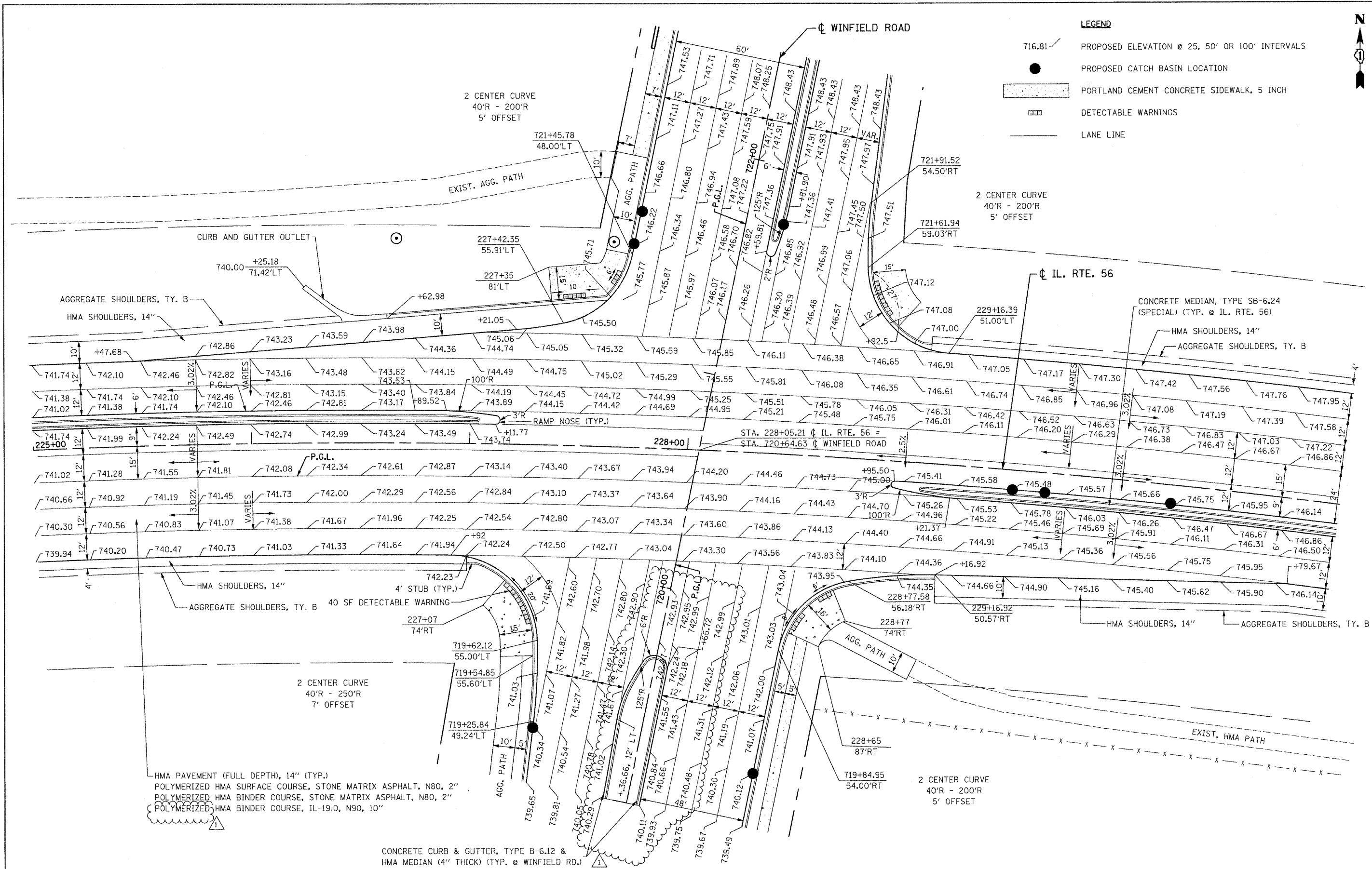
| CURVE 1A (LEFT) OFFSETS & ELEVATIONS |        |                |        |                |        |        |           |                 |        |              |        |
|--------------------------------------|--------|----------------|--------|----------------|--------|--------|-----------|-----------------|--------|--------------|--------|
| LEFT E.O.P.                          |        | LEFT TURU LANE |        | LEFT MED. EDGE |        | CL PGL | STATION   | RIGHT MED. EDGE |        | RIGHT E.O.P. |        |
| ELEV.                                | OFFSET | ELEV.          | OFFSET | ELEV.          | OFFSET | ELEV.  |           | OFFSET          | ELEV.  | OFFSET       | ELEV.  |
| 750.38                               | 34.98  | ---            | ---    | 750.99         | 10.98  | 751.27 | 726+25.00 | 16.75           | 751.70 | 40.75        | 752.31 |
| 750.50                               | 34.63  | ---            | ---    | 751.11         | 10.63  | 751.38 | 726+50.00 | 16.33           | 751.79 | 40.34        | 752.40 |
| 750.62                               | 34.24  | ---            | ---    | 751.23         | 10.24  | 751.49 | 726+75.00 | 15.85           | 751.89 | 39.86        | 752.50 |
| 750.74                               | 33.80  | ---            | ---    | 751.35         | 9.80   | 751.60 | 727+00.00 | 15.32           | 751.99 | 39.32        | 752.60 |
| 750.85                               | 33.31  | ---            | ---    | 751.46         | 9.31   | 751.70 | 727+25.00 | 14.72           | 752.07 | 38.73        | 752.68 |
| 750.98                               | 32.77  | ---            | ---    | 751.59         | 8.77   | 751.81 | 727+50.00 | 14.06           | 752.17 | 38.07        | 752.78 |
| 751.10                               | 32.18  | ---            | ---    | 751.71         | 8.18   | 751.92 | 727+75.00 | 13.34           | 752.26 | 37.35        | 752.87 |
| 751.19                               | 31.54  | ---            | ---    | 751.80         | 7.54   | 751.99 | 728+00.00 | 12.57           | 752.31 | 36.58        | 752.92 |
| 751.22                               | 30.85  | ---            | ---    | 751.83         | 6.85   | 752.00 | 728+25.00 | 11.73           | 752.30 | 35.74        | 752.91 |
| 751.16                               | 30.11  | ---            | ---    | 751.76         | 6.11   | 751.92 | 728+50.00 | 10.83           | 752.20 | 34.85        | 752.81 |
| 751.04                               | 29.32  | ---            | ---    | 751.64         | 5.32   | 751.78 | 728+75.00 | 9.88            | 752.03 | 33.89        | 752.64 |
| 750.85                               | 28.49  | ---            | ---    | 751.46         | 4.49   | 751.57 | 729+00.00 | 8.86            | 751.80 | 32.88        | 752.41 |



| CURVE 1A (LEFT) OFFSETS & ELEVATIONS |        |                |        |                |        |        |           |                 |        |              |        |
|--------------------------------------|--------|----------------|--------|----------------|--------|--------|-----------|-----------------|--------|--------------|--------|
| LEFT E.O.P.                          |        | LEFT TURU LANE |        | LEFT MED. EDGE |        | CL PGL | STATION   | RIGHT MED. EDGE |        | RIGHT E.O.P. |        |
| ELEV.                                | OFFSET | ELEV.          | OFFSET | ELEV.          | OFFSET | ELEV.  |           | OFFSET          | ELEV.  | OFFSET       | ELEV.  |
| 748.75                               | 48.00  | 749.06         | 36.00  | 749.67         | 12.00  | 749.97 | 723+50.00 | 18.00           | 750.43 | 42.55        | 751.05 |
| 748.95                               | 47.80  | 749.25         | 36.00  | 749.86         | 12.00  | 750.16 | 723+75.00 | 18.00           | 750.62 | 42.00        | 751.23 |
| 749.09                               | 47.24  | 749.38         | 36.00  | 749.99         | 12.00  | 750.29 | 724+00.00 | 18.00           | 750.75 | 42.00        | 751.36 |
| 749.22                               | 46.45  | 749.49         | 36.00  | 750.10         | 12.00  | 750.40 | 724+25.00 | 18.00           | 750.86 | 42.00        | 751.47 |
| 749.36                               | 45.43  | 749.60         | 36.00  | 750.21         | 12.00  | 750.51 | 724+50.00 | 18.00           | 750.97 | 42.00        | 751.58 |
| 749.50                               | 44.17  | 749.71         | 36.00  | 750.32         | 12.00  | 750.62 | 724+75.00 | 17.99           | 751.08 | 41.99        | 751.69 |
| 749.65                               | 42.68  | 749.82         | 36.00  | 750.43         | 12.00  | 750.73 | 725+00.00 | 17.94           | 751.19 | 41.94        | 751.80 |
| 749.80                               | 40.95  | 749.93         | 36.00  | 750.54         | 12.00  | 750.84 | 725+25.00 | 17.82           | 751.29 | 41.82        | 751.90 |
| 749.95                               | 38.99  | 750.03         | 36.00  | 750.64         | 12.00  | 750.94 | 725+50.00 | 17.64           | 751.39 | 41.64        | 752.00 |
| 750.12                               | 36.80  | 750.14         | 36.00  | 750.75         | 12.00  | 751.05 | 725+75.00 | 17.41           | 751.49 | 41.41        | 752.10 |
| 750.26                               | 35.27  | ---            | ---    | 750.86         | 12.00  | 751.16 | 726+00.00 | 17.11           | 751.59 | 41.11        | 752.20 |

| CURVE 1A (LEFT) SUPERELEVATION TRANSITION |        |            |        |             |        |        |             |           |             |        |             |        |
|---|--------|------------|--------|-------------|--------|--------|-------------|-----------|-------------|--------|-------------|--------|
| OUTSIDE E/P                               |        | LANE 1 E/P |        | MEDIAN EDGE |        | PGL    | X-SLOPE (%) | STATION   | X-SLOPE (%) | PGL    | MEDIAN EDGE |        |
| ELEV.                                     | OFFSET | ELEV.      | OFFSET | ELEV.       | OFFSET |        |             |           |             |        | OFFSET      | ELEV.  |
| 748.51                                    | 48.04  | 748.75     | 36.00  | 749.23      | 12.00  | 749.47 | -2.00       | 723+02.62 | 1.69        | 749.47 | 18.00       | 749.77 |
| 748.65                                    | 48.02  | 748.89     | 36.00  | 749.37      | 12.00  | 749.61 | -2.00       | 723+13.49 | 2.00        | 749.61 | 18.00       | 749.97 |
| 748.61                                    | 48.00  | 748.89     | 36.00  | 749.45      | 12.00  | 749.73 | -2.32       | 723+25.00 | 2.32        | 749.73 | 18.00       | 750.15 |
| 748.59                                    | 48.00  | 748.90     | 36.00  | 749.51      | 12.00  | 749.81 | -2.54       | 723+32.62 | 2.54        | 749.81 | 18.00       | 750.27 |
| 750.60                                    | 27.65  | 750.90     | 15.65  | 751.21      | 3.65   | 751.30 | -2.54       | 729+23.77 | 2.54        | 751.30 | 7.97        | 751.50 |
| 750.60                                    | 27.60  | 750.90     | 15.60  | 751.20      | 3.60   | 751.29 | -2.51       | 729+25.00 | 2.51        | 751.29 | 7.93        | 751.49 |
| 750.50                                    | 26.94  | 750.74     | 14.94  | 750.98      | 2.94   | 751.04 | -2.00       | 729+42.90 | 2.00        | 751.04 | 7.39        | 751.19 |
| 750.45                                    | 26.67  | 750.67     | 14.67  | 750.88      | 2.67   | 750.93 | -1.80       | 729+50.00 | 1.80        | 750.93 | 7.21        | 751.06 |
| 750.42                                    | 26.52  | 750.62     | 14.52  | 750.83      | 2.52   | 750.87 | -1.69       | 729+53.77 | 1.69        | 750.87 | 7.12        | 750.99 |
| 749.98                                    | 25.76  | 750.22     | 13.76  | 750.46      | 1.76   | 750.50 | -2.00       | 729+75.00 | 1.09        | 750.50 | 6.65        | 750.57 |
| 749.51                                    | 25.04  | 749.75     | 13.04  | 749.99      | 1.04   | 750.01 | -2.00       | 730+00.00 | 0.39        | 750.01 | 6.09        | 750.03 |
| 749.21                                    | 24.72  | 749.45     | 12.72  | 749.69      | 0.72   | 749.70 | -2.00       | 730+13.77 | 0.00        | 749.70 | 5.79        | 749.70 |
| 748.95                                    | 24.51  | 749.19     | 12.51  | 749.43      | 0.51   | 749.44 | -2.00       | 730+25.00 | -0.32       | 749.44 | 5.54        | 749.42 |
| 748.35                                    | 24.16  | 748.59     | 12.16  | 748.83      | 0.16   | 748.83 | -2.00       | 730+50.00 | -1.02       | 748.83 | 4.98        | 748.78 |
| 747.75                                    | 24.01  | 747.99     | 12.01  | 748.23      | 0.01   | 748.23 | -2.00       | 730+75.00 | -1.73       | 748.23 | 4.42        | 748.15 |
| 747.51                                    | 24.00  | 747.75     | 12.00  | 747.99      | 0.00   | 747.99 | -2.00       | 730+84.64 | -2.00       | 747.99 | 4.21        | 747.91 |





FILE NAME = D162420-sh1-intersec08.dgn  
 PLOT DATE = 12/29/2010  
 PLOT SCALE = 20,000' / 1" IN.

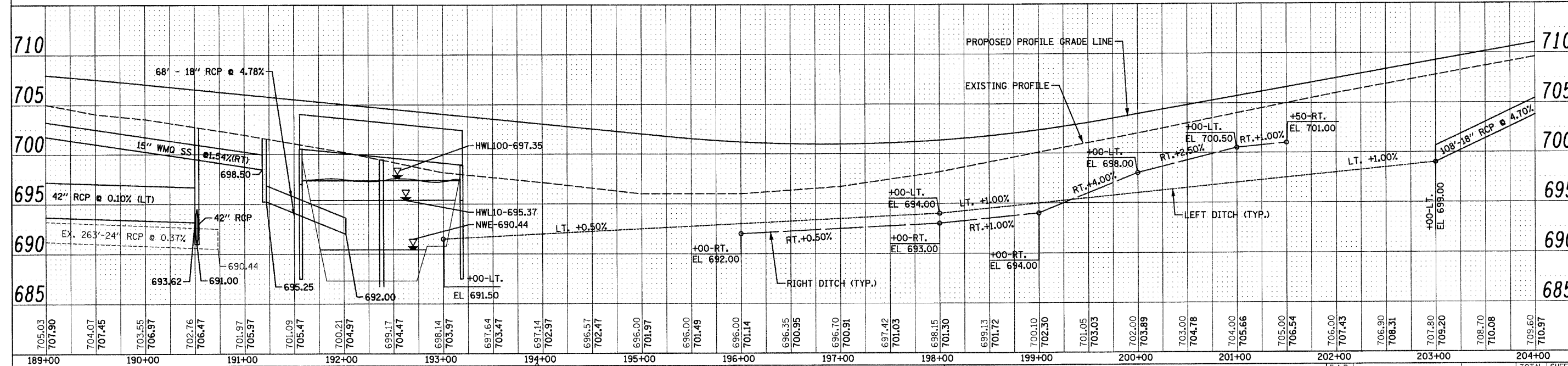
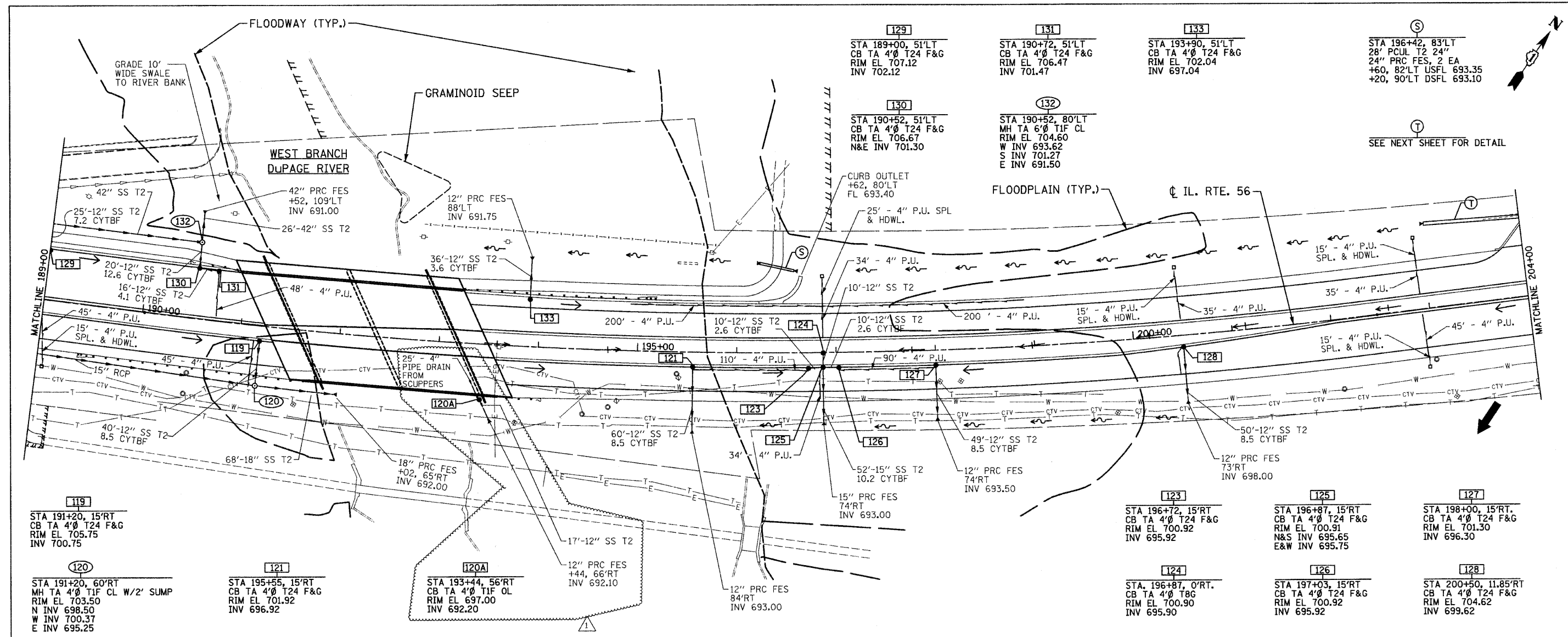
**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

|                         |                                   |
|-------------------------|-----------------------------------|
| DESIGNED - S.J.P.       | REVISED 1 - ADDENDUM 1 12-28-2010 |
| DRAWN - B.K.            | REVISED -                         |
| CHECKED - M.P.          | REVISED -                         |
| DATE - DECEMBER 3, 2010 | REVISED -                         |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

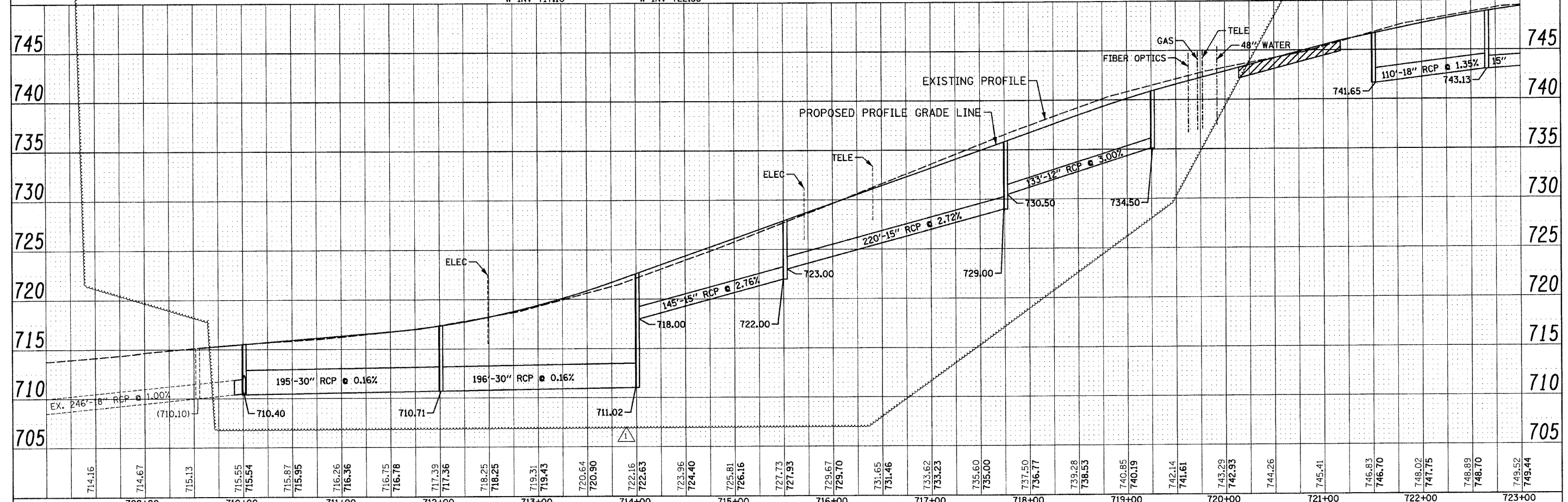
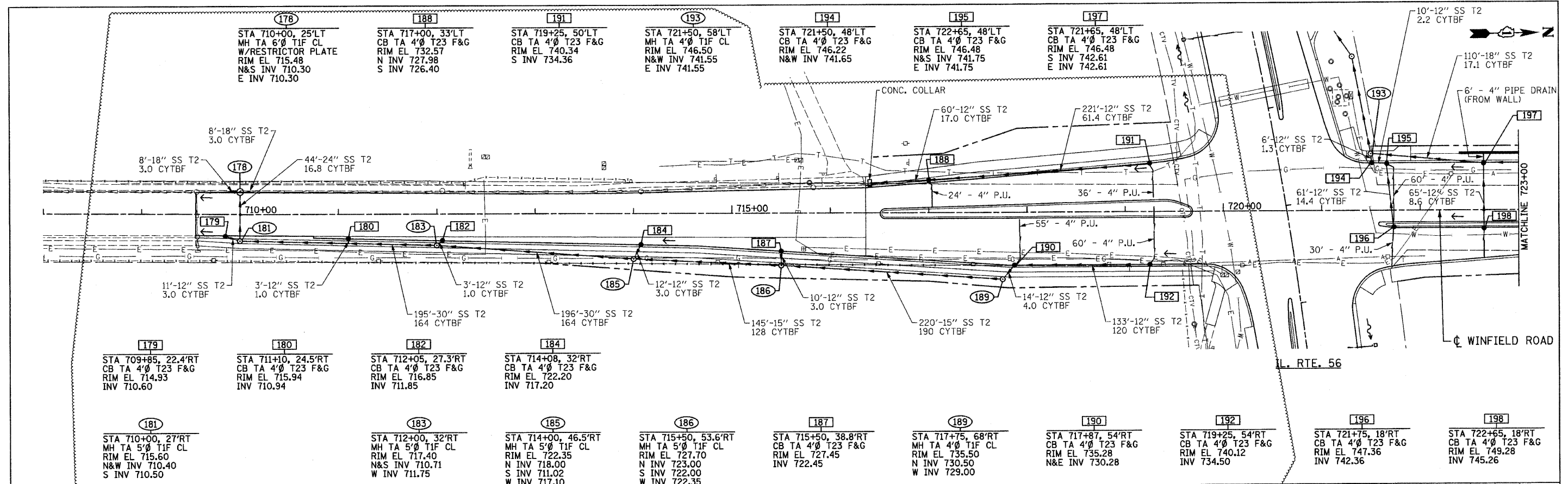
**DETAILS AND ELEVATIONS  
 WINFIELD ROAD**  
 SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| F.A.P. RTE.        | SECTION       | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------------|--------|---------------------------|-----------|
| 365                | (58&59) WRS-3 | DuPAGE | 466                       | 115       |
| CONTRACT NO. 62420 |               |        | ILLINOIS FED. AID PROJECT |           |



|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 705.03<br>189+00 | 704.07<br>190+00 | 704.45<br>190+00 | 703.55<br>190+00 | 706.97<br>190+00 | 702.76<br>191+00 | 706.47<br>191+00 | 701.97<br>191+00 | 705.97<br>191+00 | 701.09<br>192+00 | 705.47<br>192+00 | 700.21<br>192+00 | 704.97<br>192+00 | 699.17<br>193+00 | 704.47<br>193+00 | 698.14<br>193+00 | 703.97<br>193+00 | 697.64<br>194+00 | 703.47<br>194+00 | 697.14<br>194+00 | 702.97<br>194+00 | 696.57<br>195+00 | 702.47<br>195+00 | 696.00<br>195+00 | 701.97<br>195+00 | 696.00<br>196+00 | 701.49<br>196+00 | 696.00<br>196+00 | 701.14<br>196+00 | 696.35<br>197+00 | 700.95<br>197+00 | 696.70<br>197+00 | 700.91<br>197+00 | 697.42<br>198+00 | 701.03<br>198+00 | 698.15<br>198+00 | 701.30<br>198+00 | 699.13<br>199+00 | 701.72<br>199+00 | 700.10<br>199+00 | 702.30<br>199+00 | 701.05<br>200+00 | 703.03<br>200+00 | 702.00<br>200+00 | 703.89<br>200+00 | 703.00<br>201+00 | 704.78<br>201+00 | 704.00<br>201+00 | 705.66<br>201+00 | 705.00<br>202+00 | 706.54<br>202+00 | 706.00<br>202+00 | 707.43<br>202+00 | 706.90<br>203+00 | 708.31<br>203+00 | 707.80<br>203+00 | 709.20<br>203+00 | 708.70<br>204+00 | 710.08<br>204+00 | 709.60<br>204+00 | 710.97<br>204+00 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|

|  |                         |                                 |   |  |                 |                          |               |                  |                       |                           |
|--|-------------------------|---------------------------------|---|--|-----------------|--------------------------|---------------|------------------|-----------------------|---------------------------|
| FILE NAME = D:\162420-shr-drain\08.dgn   | DESIGNED - S.J.P.       | REVISED - ADDENDUM 1 12-28-2010 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PLAN AND PROFILE</b><br><b>IL. RTE. 56</b> | F.A.P. RTE. 365 | SECTION (58&59) WRS-3    | COUNTY DuPAGE | TOTAL SHEETS 466 | SHEET NO. 142         |                           |
| PLOT DATE = 12/29/2010   | DRAWN - A.C.S.          | REVISED -                       |   |  | SCALE: 1" = 50' | SHEET NO. 8 OF 12 SHEETS | STA. 189+00   | TO STA. 204+00   | FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT |
| PLOT SCALE = 50.000' / IN.   | CHECKED - M.P.          | REVISED -                       |   |  |                 |                          |               |                  | CONTRACT NO. 62420    |                           |
| CHRISTIAN-ROGE & ASSOCIATES, INC.<br>ENGINEERS-PLANNERS-SURVEYORS<br>211 WEST WACKER DRIVE<br>CHICAGO, ILLINOIS 60606<br>PHONE: (312)372-2023 FAX: (312)372-5274 | DATE - DECEMBER 3, 2010 | REVISED -                       |   |  |                 |                          |               |                  |                       |                           |



|        |        |        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |        |        |                  |                  |                  |                  |  |
|--------|--------|--------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|------------------|------------------|------------------|------------------|--|
| 714.16 | 714.67 | 715.13 | 715.55<br>715.54 | 715.87<br>715.95 | 716.26<br>716.36 | 716.75<br>716.78 | 717.39<br>717.36 | 718.25<br>718.25 | 719.31<br>719.43 | 720.64<br>720.90 | 722.16<br>722.63 | 723.96<br>724.40 | 725.81<br>726.16 | 727.73<br>727.93 | 729.67<br>729.70 | 731.65<br>731.46 | 733.62<br>733.23 | 735.60<br>735.00 | 737.50<br>736.77 | 739.28<br>738.53 | 740.85<br>740.19 | 742.14<br>741.61 | 743.29<br>742.93 | 744.26 | 745.41 | 746.83<br>746.70 | 748.02<br>747.75 | 748.89<br>748.70 | 749.52<br>749.44 |  |
| 709+00 | 710+00 | 711+00 | 712+00           | 713+00           | 714+00           | 715+00           | 716+00           | 717+00           | 718+00           | 719+00           | 720+00           | 721+00           | 722+00           | 723+00           |                  |                  |                  |                  |                  |                  |                  |                  |                  |        |        |                  |                  |                  |                  |  |

FILE NAME =D162428-shr-draun16wundgn  
 PLOT DATE =12/29/2010  
 PLOT SCALE=50.000' / 1" IN.

**CHRISTIAN-RODGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - S.J.P.  
 DRAWN - A.C.S.  
 CHECKED - M.P.  
 DATE - DECEMBER 3, 2010

REVISED / ADDENDUM 1 12-28-2010  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE**  
**WINFIELD ROAD**

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. 709+55 TO STA. 723+00

|                    |                       |               |   |               |
|--------------------|-----------------------|---------------|---|---------------|
| F.A.P. RTE. 365    | SECTION (58&59) WRS-3 | COUNTY DUPAGE | TOTAL SHEETS 466                                | SHEET NO. 150 |
| CONTRACT NO. 62420 |                       |               | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |



SCHEDULE OF LANDSCAPE ITEMS

| MEDIAN | STATION LIMITS   | BERM    | PERENNIALS AND GRASSES (GALLON SIZE) |                               |                             |                                   |   | BULBS (TOP SIZE)   |                     |  | SEEDING                     |                              |     |
|--------|------------------|---------|--------------------------------------|-------------------------------|-----------------------------|-----------------------------------|---|--------------------|---------------------|--|-----------------------------|------------------------------|-----|
|        |                  |         | WALKER'S LOW CATMINT                 | GOLDSTRUM BLACK-EYED SUSAN    | MAGNUS PURPLE CONEFLOWER    | ROSTRAHL BUSH SWITCH GRASS        | KARL FOERSTER FEATHER REED GRASS            | INDIAN GRASS       | CARLTON DAFFODIL    | ICE FOLLIES DAFFODIL                         | PROFESSOR EINSTEIN DAFFODIL | SEEDING, CLASS 4A (MODIFIED) |     |
|        |                  |         | NEPETA X FAASSENII 'WALKER'S LOW'    | RUDBECKIA FULGIDA 'GOLDSTRUM' | ECHINACEA PURPUREA 'MAGNUS' | PANICUM VIRGATUM 'ROSTRAHL BUSCH' | CALAMA GROSTIS X ACUTIFLORA 'KARL FOERSTER' | SORGHASTRUM NUTANS | NARCISSUS 'CARLTON' | NARCISSUS 'CHEERFULNESS'                     | NARCISSUS 'DELIBES'         |                              |     |
|        |                  |         | SPACING                              | 24" OC                        | 18" OC                      | 15" OC                            | 30" OC                                      | 30" OC             | 24" OC              | 12" OC                                       | 12" OC                      | 12" OC                       | N/A |
|        |                  |         | KEY                                  | A                             | B                           | C                                 | D   | E                  | F                   | EQUALLY MIXED AND INTERPLANTED WITH A, B & C |                             |                              | N/A |
| A      | 95+00 to 100+00  | NO BERM | 55                                   | 110                           | 170                         |                                   |   |                    | 65                  | 65   | 65                          |                              |     |
|        |                  |         |                                      |                               |                             |                                   |   |                    | 75                  | 75   | 75                          |                              |     |
|        |                  |         |                                      |                               |                             |                                   |   | 70                 |                     | 80   | 80                          | 80                           |     |
|        |                  |         |                                      |                               |                             |                                   |   | 120                | 240                 |  |                             |                              |     |
|        |                  |         |                                      |                               |                             | 250                               |   |                    |                     |  |                             |                              |     |
| B      | 100+00 to 109+00 | NO BERM |                                      |                               |                             |                                   |   |                    |                     |  |                             | YES                          |     |
| C      | 110+00 to 120+00 | NO BERM |                                      |                               |                             |                                   |   |                    |                     |  |                             | NO                           |     |
| D      | 123+00 to 130+00 | NO BERM |                                      |                               |                             |                                   |   |                    |                     |  |                             | YES                          |     |
|        | 130+00 to 137+00 | BERM    |                                      |                               |                             |                                   |   |                    |                     |  |                             | YES                          |     |
|        | 137+00 to 145+00 | BERM    |                                      |                               |                             |                                   |   |                    |                     |  |                             | YES                          |     |
| E      | 155+50 to 166+00 | NO BERM |                                      |                               |                             |                                   | 140   |                    |                     |  |                             |                              |     |
|        |                  |         |                                      |                               |                             | 235                               |   | 150                |                     |  |                             |                              |     |
| F      | 167+50 to 176+00 | BERM    |                                      |                               |                             | 280                               |   | 300                |                     |  |                             |                              |     |
|        |                  |         |                                      |                               |                             | 280                               |   |                    |                     |  |                             |                              |     |
| G      | 177+00 to 186+50 | NO BERM |                                      |                               |                             | 165                               |   | 160                |                     |  |                             |                              |     |
|        |                  |         |                                      |                               |                             |                                   | 115   |                    |                     |  |                             |                              |     |
|        |                  |         |                                      |                               | 105                         | 160                               |   |                    |                     | 75   | 75                          | 75                           |     |
|        |                  |         |                                      |                               | 70                          |                                   |   |                    |                     | 75   | 75                          | 75                           |     |
|        |                  |         |                                      |                               |                             |                                   |   | 80                 | 80                  | 80   |                             |                              |     |
| H      | 187+50 to 191+50 | NO BERM | 35                                   | 55                            |                             |                                   |   |                    | 40                  | 40   | 40                          |                              |     |
|        |                  |         |                                      |                               | 75                          |                                   |   |                    | 35                  | 35   | 35                          |                              |     |
|        |                  |         |                                      |                               |                             |                                   | 40  |                    |                     | 35   | 35                          | 35                           |     |
|        |                  |         |                                      |                               |                             |                                   |   | 40                 |                     |  |                             |                              |     |
|        |                  |         |                                      |                               |                             | 50                                |   |                    |                     |  |                             |                              |     |
| I      | 193+50 to 204+50 | BERM    |                                      |                               |                             | 185                               |   |                    | 300                 |  |                             |                              |     |
|        |                  |         |                                      |                               |                             |                                   | 190   |                    |                     |  |                             |                              |     |
|        |                  |         |                                      |                               | 395                         |                                   |   |                    |                     | 200  | 200                         | 200                          |     |
|        |                  |         |                                      |                               |                             |                                   |   |                    |                     | 190  | 190                         | 190                          |     |
| TOTAL  |                  |         | 160                                  | 545                           | 800                         | 1,910                             | 1,030                                       | 370                | 950                 | 950  | 950                         |                              |     |

|   |                          |
|---|--------------------------|
| PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT | 4,815 EACH<br>48.15 UNIT |
| PERENNIAL PLANTS, BULB TYPE                   | 2,850 EACH<br>28.50 UNIT |

SCHEDULE OF LANDSCAPE ITEMS

| SCIENTIFIC NAME          | COMMON NAME              | SIZE | TOTAL  | SUBMERGED REEF | ZONE 1 (SEDE MEADOW AND EMERGENT WETLAND) | PLANTING DEPTH & NORMAL WATER LEVEL (NWL) |
|--------------------------|--------------------------|------|--------|----------------|---|---|
| ASTER NOVAE-ANGLIAE      | NEW ENGLAND ASTER        | PLUG | 6.08   | 0              | 6.08                                      | 0-6" above nwl                            |
| CALAMAGROSTIS CANADENSIS | BLUE JOINT GRASS         | PLUG | 8.64   | 0              | 8.64                                      | 0" (e nwl)                                |
| CAREX CRISTATELLA        | CRESTED OVAL SEDGE       | PLUG | 8.64   | 0              | 8.64                                      | 0" (e nwl)                                |
| CAREX LACUSTRIS          | COMMON LAKE SEDGE        | PLUG | 8.64   | 0              | 8.64                                      | 0-3" below nwl                            |
| CAREX STIPATA            | COMMON FOX SEDGE         | PLUG | 8.64   | 0              | 8.64                                      | 0" (e nwl)                                |
| CAREX STRICTA            | COMMON TUSsock SEDGE     | PLUG | 8.64   | 0              | 8.64                                      | 0" (e nwl)                                |
| CAREX TRICHOCARPA        | HAIRY-FRUITED LAKE SEDGE | PLUG | 8.64   | 0              | 8.64                                      | 0" (e nwl)                                |
| CAREX VULPINOIDEA        | BROWN FOX SEDGE          | PLUG | 8.64   | 0              | 8.64                                      | 0" (e nwl)                                |
| ELYMUS VIRGINICUS        | VIRGINIA WILD RYE        | PLUG | 3.52   | 0              | 3.52                                      | 0-6" above nwl                            |
| GLYCERIA STRIATA         | FOWL MANNA GRASS         | PLUG | 6.08   | 0              | 6.08                                      | 0" (e nwl)                                |
| IRIS VIRGINICA SHREVERI  | BLUE FLAG                | PLUG | 6.72   | 3.2            | 3.52                                      | 3-6" below nwl                            |
| LIATRIS SPICATA          | MARSH BLAZINGSTAR        | PLUG | 3.52   | 0              | 3.52                                      | 0" (e nwl)                                |
| PONTERERIA CORDATA       | PICKEREL WEED            | PLUG | 6.4    | 2.88           | 3.52                                      | 3-6" below nwl                            |
| SAGITTARIA LATIFOLIA     | COMMON ARROW-HEAD        | PLUG | 6.4    | 2.88           | 3.52                                      | 3-6" below nwl                            |
| SCIRPUS ACUTUS           | HARD-STEMMED BULRUSH     | PLUG | 8.96   | 2.88           | 6.08                                      | 3-6" below nwl                            |
| SCIRPUS ATROVIRENS       | DARK GREEN BULRUSH       | PLUG | 8.96   | 2.88           | 6.08                                      | 0-3" below nwl                            |
| SCIRPUS CYPERINUS        | WOOL GRASS               | PLUG | 2.88   | 2.88           | 0   | 0-3" below nwl                            |
| SCIRPUS PUNGENS          | CHAIRMAKER'S RUSH        | PLUG | 2.88   | 2.88           | 0   | 3-6" below nwl                            |
| SCIRPUS VALIDUS CREBER   | GREAT BULRUSH            | PLUG | 2.88   | 2.88           | 0   | 3-6" below nwl                            |
| SPARTINA PECTINATA       | PRAIRIE CORD GRASS       | PLUG | 11.52  | 2.88           | 8.64                                      | 0-3" below nwl                            |
| VERBENA HASTATA          | BLUE VERVAIN             | PLUG | 3.52   | 0              | 3.52                                      | 0-3" below nwl                            |
| ZIZIA AUREA              | GOLDEN ALEXANDERS        | PLUG | 6.08   | 0              | 6.08                                      | 0-6" above nwl                            |
| TOTAL UNITS              |                          |      | 146.88 |                |   |   |

ENTIRE SHEET

FILE NAME =D162420-sh-1a.Cdgn  
PLOT DATE =12/29/2010  
PLOT SCALE=50,000' / 1"

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

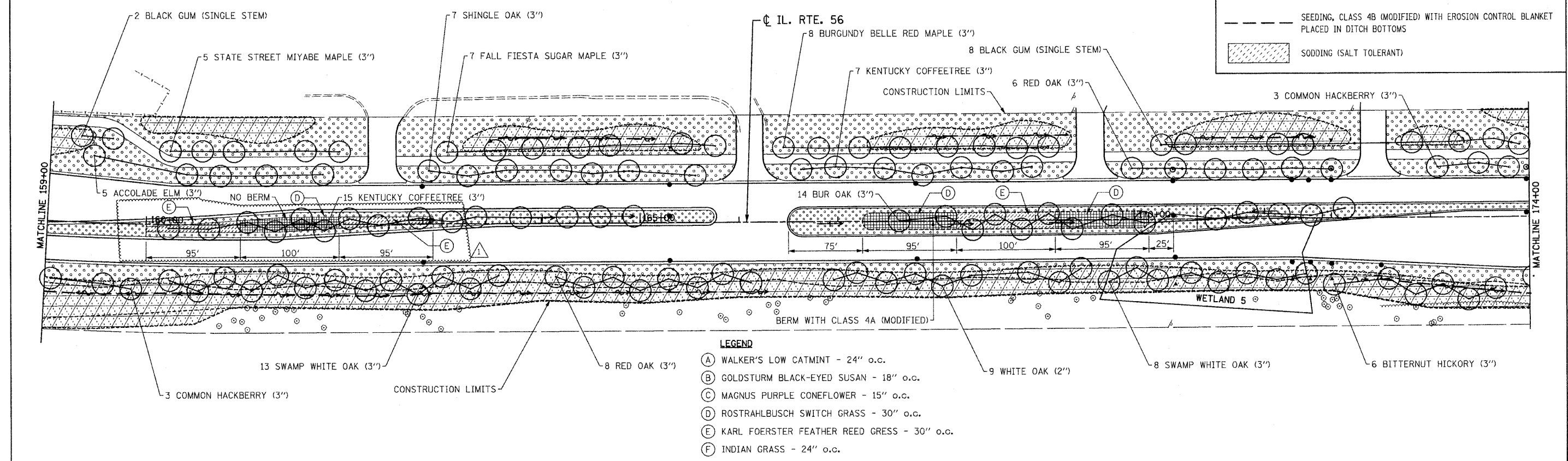
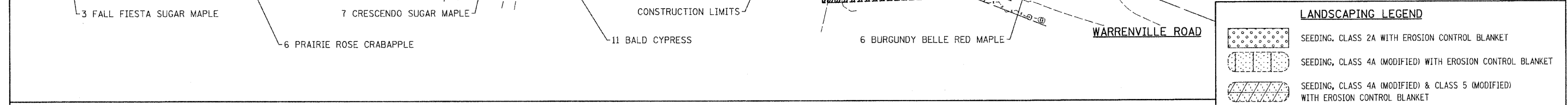
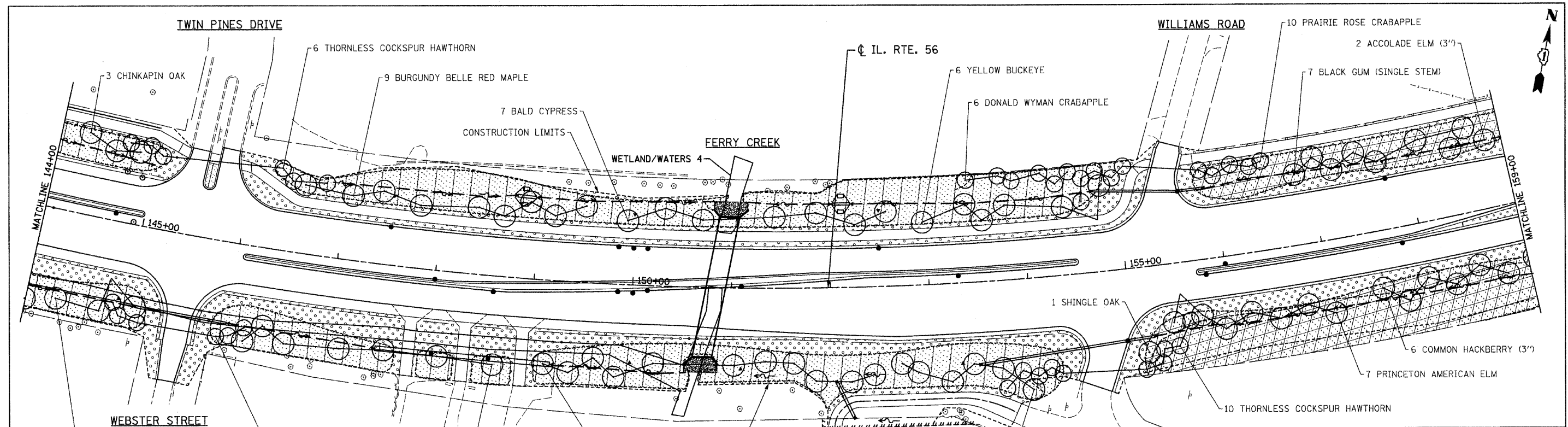
DESIGNED - S.J.P.  
DRAWN - A.C.S.  
CHECKED - M.P.  
DATE - DECEMBER 3, 2010  
REVISED/1 ADDENDUM 1 12-28-2010  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING SCHEDULE**  
**IL. RTE. 56**

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. 90+00 TO STA. 255+00

|   |                       |               |                    |               |
|---|-----------------------|---------------|--------------------|---------------|
| F.A.P. RTE. 365                                 | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 466   | SHEET NO. 187 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                       |               | CONTRACT NO. 62420 |               |



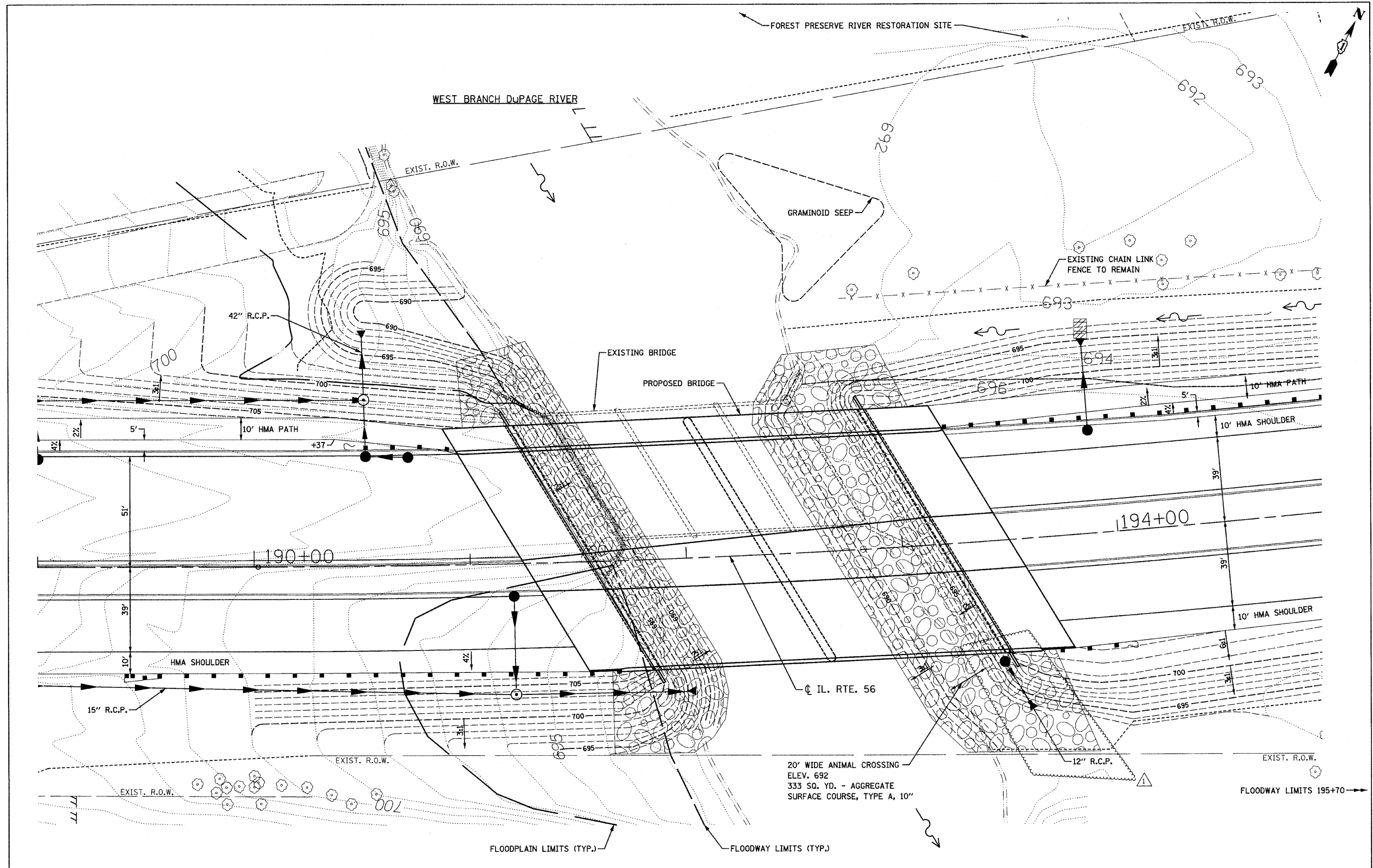
**LANDSCAPING LEGEND**

|  |   |
|--|---|
|  | SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET                                    |
|  | SEEDING, CLASS 4A (MODIFIED) WITH EROSION CONTROL BLANKET                         |
|  | SEEDING, CLASS 4A (MODIFIED) & CLASS 5 (MODIFIED) WITH EROSION CONTROL BLANKET    |
|  | SEEDING, CLASS 4B (MODIFIED) WITH EROSION CONTROL BLANKET PLACED IN DITCH BOTTOMS |
|  | SODDING (SALT TOLERANT)   |

**LEGEND**

|     |   |
|-----|---|
| (A) | WALKER'S LOW CATMINT - 24" o.c.             |
| (B) | GOLDSTURM BLACK-EYED SUSAN - 18" o.c.       |
| (C) | MAGNUS PURPLE CONEFLOWER - 15" o.c.         |
| (D) | ROSTRAHLBUSCH SWITCH GRASS - 30" o.c.       |
| (E) | KARL FOERSTER FEATHER REED GRESS - 30" o.c. |
| (F) | INDIAN GRASS - 24" o.c.                     |





|  |   |                         |                                   |   |   |                 |                         |               |   |               |
|--|---|-------------------------|-----------------------------------|---|---|-----------------|-------------------------|---------------|---|---------------|
| FILE NAME = D162420-shr-drain19dupage.dgn<br>PLOT DATE = 12/29/2010<br>PLOT SCALE = 20.0000' / IN. | <b>CHRISTIAN-ROGE &amp; ASSOCIATES, INC.</b><br>ENGINEERS-PLANNERS-SURVEYORS<br>211 WEST WACKER DRIVE<br>CHICAGO, ILLINOIS 60606<br>PHONE: (312)372-2023 FAX: (312)372-5274 | DESIGNED - S.J.P.       | REVISED / 1 ADDENDUM 1 12-28-2010 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>GRADING DETAILS</b><br><b>WEST BRANCH DuPAGE RIVER</b> | F.A.P. RTE. 365 | SECTION (58&59) WRS-3   | COUNTY DuPAGE | TOTAL SHEETS 466                                | SHEET NO. 199 |
|  |   | DRAWN - A.C.S.          | REVISED -                         |   |   | SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.  | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |
|  |   | CHECKED - M.P.          | REVISED -                         |   |   |                 |                         |               |   |               |
|  |   | DATE - DECEMBER 3, 2010 | REVISED -                         |   |   |                 |                         |               |   |               |

**BENCH MARK: CRA 18**

South bolt on fire hydrant at Sta. 173+03.39, 92.89' Lt., Elev. 703.55

**EXISTING STRUCTURE:**

The structure was built as a single span reinforced concrete slab bridge on closed abutments. 14'-2 5/8" back to back abutments, 48'-8" out to out. Built in 1940 as F.A. Project 377, Section 39A. Structure to be removed and replaced.

Stage construction shall be utilized to maintain one lane of traffic during construction.

Salvage: none

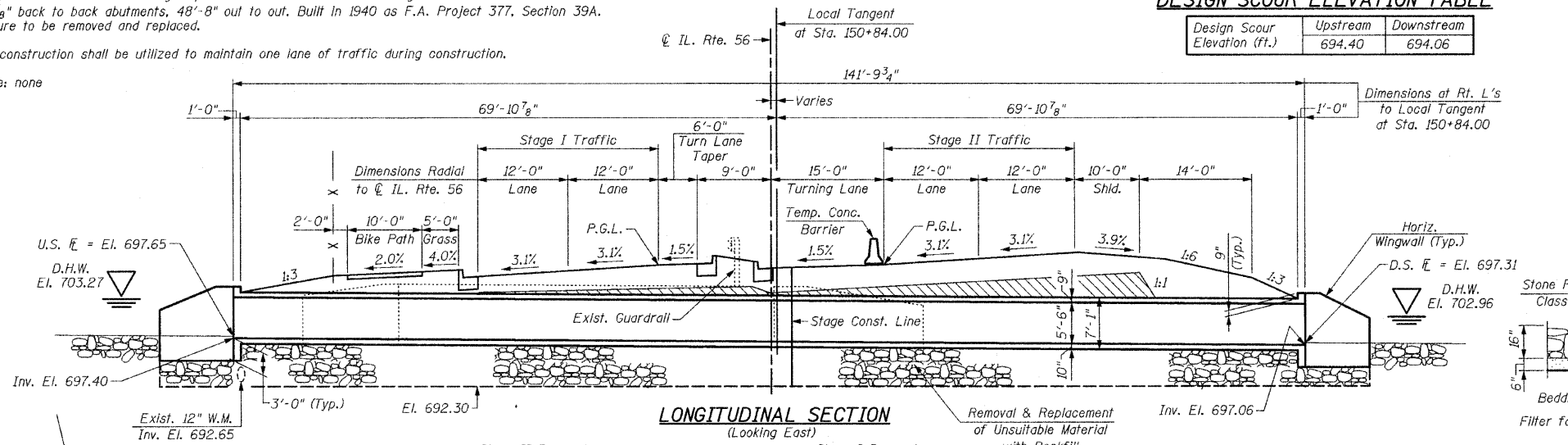
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**DESIGN SCOUR ELEVATION TABLE**

| Design Scour Elevation (ft.) | Upstream | Downstream |
|------------------------------|----------|------------|
|                              | 694.40   | 694.06     |

**GENERAL NOTES:**

Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60, see Special Provisions. Layout of Slope Protection System may be varied in the field to suit ground conditions as directed by the Engineer.  
The material used to replace the unsuitable material removed below the bottom of the proposed cast-in-place reinforced concrete box culvert and wingwalls shall be paid for as "Rockfill".  
Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I Removal to ensure the remaining portion will not be prematurely damaged. The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for varies subsurface conditions encountered in the field.



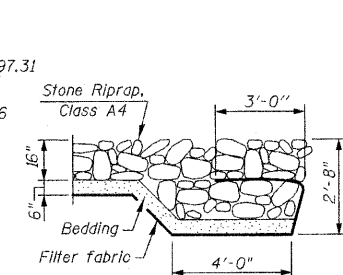
**PROP. CURVE 2**

(IL. RTE. 56)  
PI = Sta. 152+72.86  
 $\Delta = 29^{\circ}-07'-26"$  (Lt.)  
D = 1'-43'-14"  
R = 3,330.00'  
T = 865.04'  
L = 1,692.66'  
E = 110.52'  
e = 3.14%  
T.P. = 72.61'  
S.E. RUN = 114'  
P.C. Sta. = 144+07.82  
P.T. Sta. = 161+00.48

**INDEX OF SHEETS**

- S1 GENERAL PLAN & ELEVATION
- S2 STAGE CONSTRUCTION DETAILS
- S3 REINFORCEMENT DETAILS-I
- S4 REINFORCEMENT DETAILS-II
- S5 BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
- S6 TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
- S7 SOIL BORING LOGS

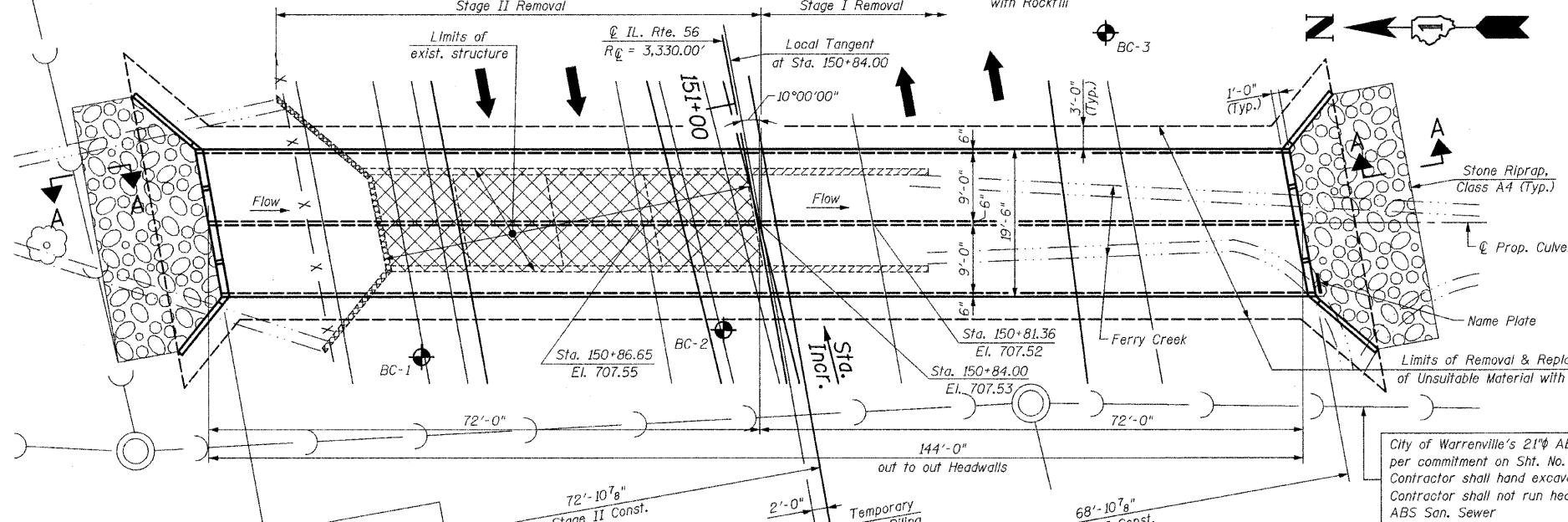
**SECTION A-A**



**WATERWAY INFORMATION**

| Drainage Area=4.27 Sq. Mi. Low Grade Elev. 706.68 @ Sta. 149+50 Max. Recorded H.W.E. = 703.4 |           |          |                           |                           |                |                       |                       |                              |                              |
|--|-----------|----------|---------------------------|---------------------------|----------------|-----------------------|-----------------------|------------------------------|------------------------------|
| Flood  | Freq. Yr. | Q C.F.S. | Waterway Opening Existing | Waterway Opening Proposed | Natural H.W.E. | Created Head Existing | Created Head Proposed | Headwater Elevation Existing | Headwater Elevation Proposed |
| Design   | 10        | 160      | 49.3                      | 81.9                      | 702.19         | 0.15                  | 0.00                  | 702.34                       | 702.19                       |
| Base   | 50        | 235      | 58.6                      | 95.8                      | 702.96         | 0.25                  | 0.07                  | 703.21                       | 703.03                       |
| Overtopping  | 100       | 265      | 63.0                      | 99.0                      | 703.33         | 0.28                  | 0.10                  | 703.61                       | 703.43                       |
| Max. Calc.   | >500      | -        | -                         | -                         | -              | -                     | -                     | -                            | -                            |
|  | 500       | 350      | 77.4                      | 99.0                      | 704.53         | 0.33                  | 0.24                  | 704.86                       | 704.77                       |

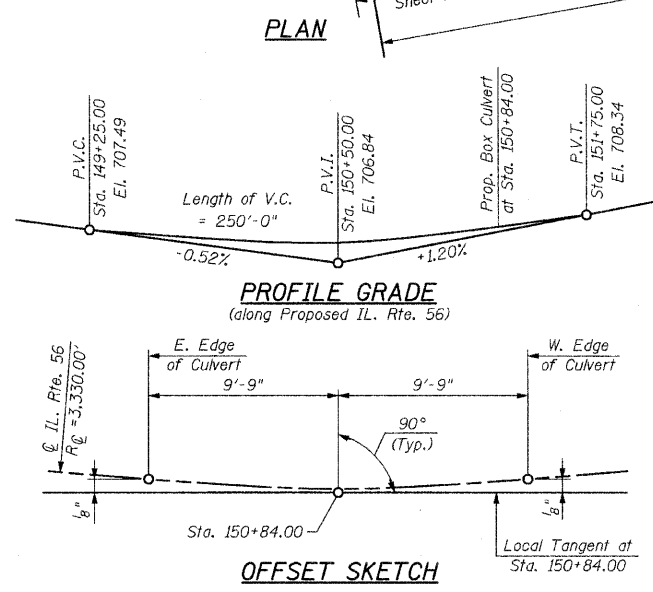
Comments: 1. NOTE: All elevations are in Highway Datum.  
2. Datum Correlation: FIS Elevations = Highway Elevations + 0.36'.  
3. All elevations from cross section 2.09, 10 feet upstream of the upstream face of the proposed structure.



**TOTAL BILL OF MATERIAL**

| ITEM   | UNIT  | QUANTITY |
|--|-------|----------|
| Stone Riprap, Class A4                                     | Sq Yd | 100      |
| Filter Fabric  | Sq Yd | 117      |
| Removal of Existing Structures No. 1                       | Each  | 1        |
| Removal and Disposal of Unsuitable Material For Structures | Cu Yd | 662      |
| Reinforcement Bars   | Pound | 53,440   |
| Concrete Box Culverts                                      | Cu Yd | 222.1    |
| Temporary Sheet Piling                                     | Sq Ft | 700      |
| Rockfill   | Cu Yd | 662      |
| Bar Splicers   | Each  | 98       |
| Name Plates  | Each  | 1        |

|          |   |
|----------|---|
| DESIGNED | - |
| CHECKED  | - |
| DRAWN    | - |
| CHECKED  | - |



**LEGEND:**

- Existing wingwalls at downstream end to be removed (Stage I Removal)
- Existing Bridge & wingwalls at upstream end to be removed (Stage II Removal)
- Porous Granular Embankment Subgrade between top of culvert and subgrade, see Roadway Plans
- Indicates Boring Locations

**DESIGN SPECIFICATIONS**

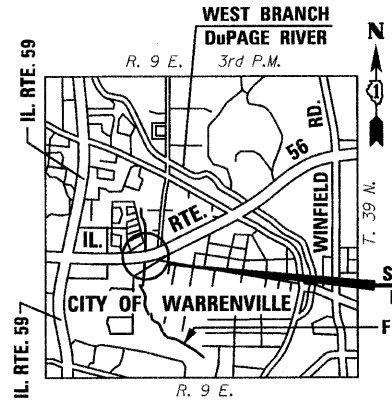
AASHTO 2002 Standard Specifications for Highway Bridges, 17th Edition

**LOADING HS 20-44**

Allow 50#/sq. ft. for future wearing surface

**DESIGN STRESSES**

FIELD UNITS  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)



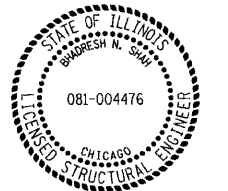
**LOCATION SKETCH**

|              |               |                       |                    |                  |                           |
|--------------|---------------|-----------------------|--------------------|------------------|---------------------------|
| SHEET NO. S1 | F.A. RTE. 365 | SECTION (58&59) WRS-3 | COUNTY DuPAGE      | TOTAL SHEETS 466 | SHEET NO. 200             |
| S7 SHEETS    |               |                       | CONTRACT NO. 62420 |                  | ILLINOIS FED. AID PROJECT |

**CR & A**  
CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

STATION 150+84  
BUILT 20 BY  
STATE OF ILLINOIS  
F.A.P. ROUTE 365  
SECTION (58&59) WRS-3  
LOADING HS-20  
STRUCTURE NO. 022-2025

**APPROVED**  
FOR STRUCTURAL ADEQUACY ONLY  
Rajesh N. Shah (TOD)  
ENGINEER OF BRIDGES AND STRUCTURES



**NAME PLATE**  
See Std. 515001

B. N. S. A.  
BHADRESH N. SHAH 08/11/2010  
LICENSED STRUCTURAL ENGINEER  
STATE OF ILLINOIS LIC. No. 081-004476  
EXPIRES: 11-30-10

**GENERAL PLAN & ELEVATION**  
**IL. ROUTE 56 OVER**  
**FERRY CREEK**  
**F.A.P. RTE. 365**  
**SECTION (58&59) WRS-3**  
**DuPAGE COUNTY**  
**STA. 150+84.00**  
**STRUCTURE NO. 022-2025**

**BENCH MARK: CRA 18**

South bolt on fire hydrant at Sta. 173+03.39, 92.89' Lt., Elev. 703.55

**EXISTING STRUCTURE:**

Existing Structure No. 022-0054 was first constructed in 1948 under Section 1977-212-WRS-BR-TS. The bridge has three simply supported spans; Spans 1 & 3 are 32'-3" cts. to cts. of bearings, span 2 is 44'-3" cts. to cts. of bearings, for a total of 116'-6" back to back of abutments. The substructure consists of closed abutments and reinforced concrete solid wall piers constructed on spread footings. In 1980 the superstructure was reconstructed with Precast Prestressed Concrete Deck Beams and both the superstructure and substructure were widened to 59'-0" out to out of beams.

The existing structure is to be removed & replaced.

Traffic is to be maintained utilizing Stage Construction.

The existing structure is to be used as Stage I Traffic Lanes during Stage I Construction.

Salvage: None

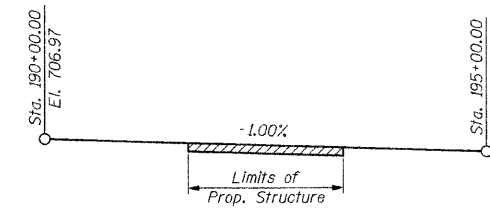
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**WATERWAY INFORMATION**

| Flood                | Freq. (Year) | Q (C.F.S.) | Waterway Opening (Sq. Ft.) |          | NAT. H.W.E. | Created Head (Ft.) |       | Headwater Elev. |        |
|----------------------|--------------|------------|----------------------------|----------|-------------|--------------------|-------|-----------------|--------|
|                      |              |            | Exist.                     | Prop.    |             | Exist.             | Prop. | Exist.          | Prop.  |
| -                    | 10           | 2,830      | 702.43                     | 796.40   | 695.27      | 0.00               | +0.10 | 695.27          | 695.37 |
| Design               | 50           | 3,970      | 820.47                     | 967.70   | 696.60      | 0.00               | +0.12 | 696.60          | 696.72 |
| Base                 | 100          | 4,450      | 874.14                     | 1,050.90 | 697.22      | 0.01               | +0.13 | 697.23          | 697.35 |
| Overtopping Existing | 30           | 3,580      |                            |          |             |                    |       |                 |        |
| Proposed             | >500         | N/A        |                            |          |             |                    |       |                 |        |
| Max. Calc.           | 500          | 5,650      | 941.98                     | 1,216.90 | 698.43      | .044               | +0.15 | 698.87          | 698.58 |

**DESIGN SCOUR ELEVATION TABLE**

| Location                | W. Abut. | Pier   | E. Abut. |
|-------------------------|----------|--------|----------|
| Design Scour Elevations | 697.00   | 681.00 | 695.36   |



**PROFILE GRADE**

(Along WB P.G.L. & E.B. P.G.L. of IL. Rte. 56)

**DESIGN SPECIFICATIONS**

2007 AASHTO LRFD Bridge Design Specifications with 2008 & 2009 Interims

**DESIGN STRESSES**

**FIELD UNITS**  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)

**LOADING HL-93**

Allow 50#/sq. ft. for future wearing surface.

**PRECAST PRESTRESSED UNITS**

f'c = 6,000 psi  
f'ci = 5,000 psi  
fpu = 270,000 psi (1/2" low lax strands)  
fpbt = 201,960 psi (1/2" low lax strands)

**SEISMIC DATA**

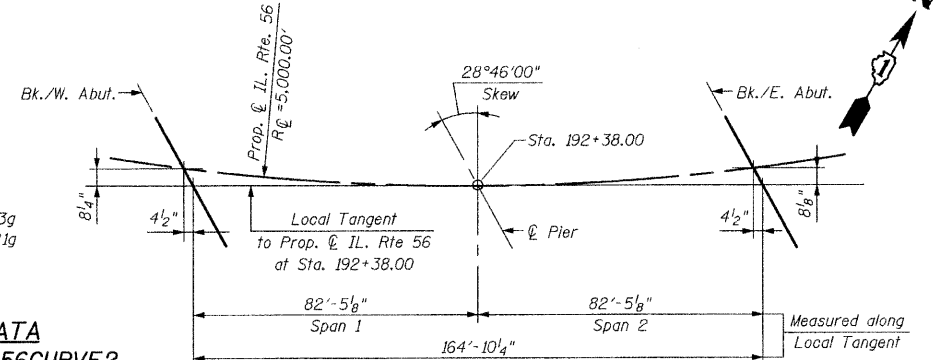
Seismic Performance Zone (SPZ) = 1  
Design Spectral Acceleration @ 1.0 sec (SD1) = 0.063g  
Design Spectral Acceleration @ 0.2 sec (SDS) = 0.121g  
Soil Site Class = C

**CURVE DATA**

**PROP. CURVE #56 CURVE 2**

Δ = 14°15'54" (Lt.)  
D = 1°08'45"  
T = 625.66'  
L = 1,244.85'  
E = 38.99'  
R = 5,000.00'  
S.E. = 2.2%  
P.C. = Sta. 190+01.95  
P.T. = Sta. 202+46.80  
P.I. = Sta. 196+27.61

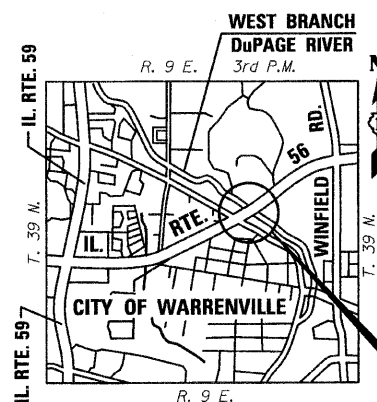
**OFFSET SKETCH**



**APPROVED**  
FOR STRUCTURAL ADEQUACY ONLY  
*Relph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES



*Bhadrash N. Shah*  
BHADRASH N. SHAH 08/11/2010  
LICENSED STRUCTURAL ENGINEER  
STATE OF ILLINOIS LIC. No. 081-004476  
EXPIRES: 11-30-10

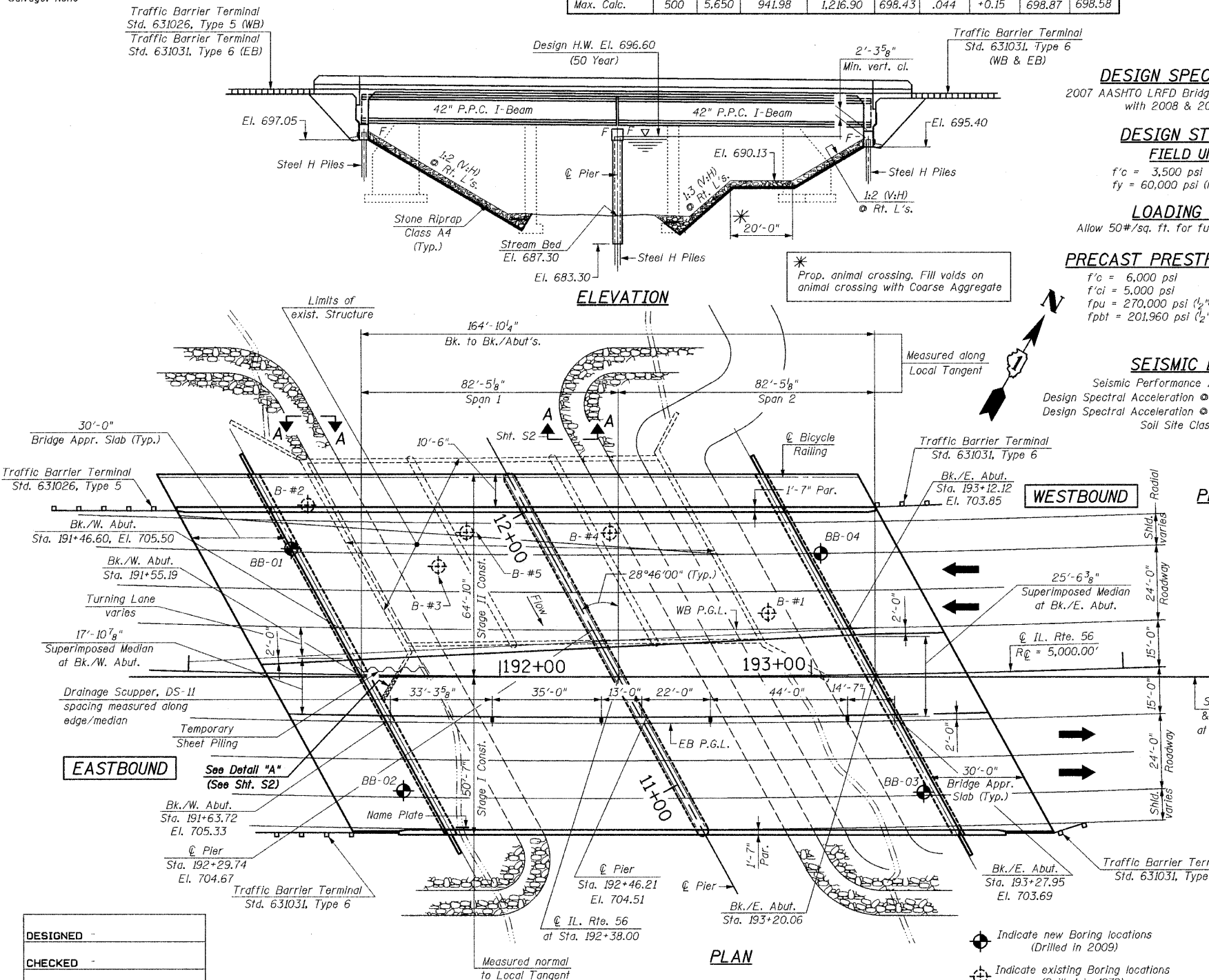


**LOCATION SKETCH**

**GENERAL PLAN & ELEVATION**  
**IL. ROUTE 56 OVER**  
**WEST BRANCH DuPAGE RIVER**  
**F.A.P. RTE. 365**  
**SECTION (58&59) WRS-3**  
**DuPAGE COUNTY**  
**STA. 192+38.00**  
**STRUCTURE NO. 022-2027**

| SHEET NO.                 | F.A. RTE. | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|---------------|--------|--------------|-----------|
| S1                        | 365       | (58&59) WRS-3 | DuPAGE | 466          | 207       |
| CONTRACT NO. 62420        |           |               |        |              |           |
| ILLINOIS FED. AID PROJECT |           |               |        |              |           |

**CR** CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274



|          |   |
|----------|---|
| DESIGNED | - |
| CHECKED  | - |
| DRAWN    | - |
| CHECKED  | - |

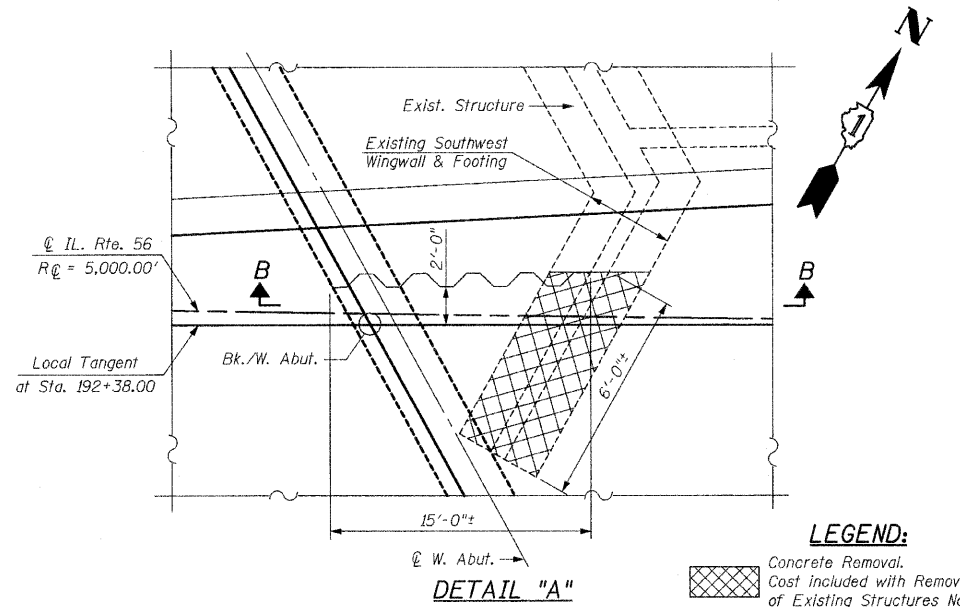
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**TOTAL BILL OF MATERIAL**

| DESCRIPTION  | UNIT    | SUPER.  | SUB.   | TOTAL   |
|--|---------|---------|--------|---------|
| Porous Granular Embankment, Special                                | Cu. Yd. | -       | 464    | 464     |
| Stone Riprap, Class A4   | Sq. Yd. | -       | 710    | 710     |
| Filter Fabric  | Sq. Yd. | -       | 664    | 664     |
| Removal of Existing Structures No. 2                               | Each    | -       | -      | 1       |
| Structure Excavation   | Cu. Yd. | -       | 942    | 942     |
| Concrete Structures  | Cu. Yd. | -       | 404.2  | 404.2   |
| Concrete Superstructure  | Cu. Yd. | 1,166.2 | -      | 1,166.2 |
| Bridge Deck Grooving   | Sq. Yd. | 2,080   | -      | 2,080   |
| Concrete Encasement  | Cu. Yd. | -       | 35.5   | 35.5    |
| Protective Coat  | Sq. Yd. | 3,089   | -      | 3,089   |
| Furnishing & Erecting Precast Prestressed Concrete I-Beams, 42 in. | Foot    | 2,916   | -      | 2,916   |
| Reinforcement Bars, Epoxy Coated                                   | Pound   | 275,360 | 30,630 | 305,990 |
| Bar Splacers   | Each    | 924     | 106    | 1,030   |
| Bicycle Railing  | Foot    | 225     | -      | 225     |
| Parapet Railing  | Foot    | 225     | -      | 225     |
| Furnishing Steel Piles HP 14x73                                    | Foot    | -       | 1,729  | 1,729   |
| Furnishing Steel Piles HP 14x102                                   | Foot    | -       | 1,032  | 1,032   |
| Driving Piles  | Foot    | -       | 2,761  | 2,761   |
| Test Pile Steel HP 14x73   | Each    | -       | 2      | 2       |
| Test Pile Steel HP 14x102  | Each    | -       | 1      | 1       |
| Pile Shoes   | Each    | -       | 65     | 65      |
| Temporary Sheet Piling   | Sq. Ft. | -       | 265    | 265     |
| Name Plates  | Each    | 1       | -      | 1       |
| Geocomposite Wall Drain  | Sq. Yd. | -       | 245    | 245     |
| Pipe Underdrains for Structures 4"                                 | Foot    | -       | 567    | 567     |
| Asbestos Bearing Pad Removal                                       | Each    | 68      | -      | 68      |
| Drainage System  | L. Sum  | 1       | -      | 1       |
| Drainage Scuppers, DS-11   | Each    | 4       | -      | 4       |
| Underwater Structure Excavation Protection - Location 1            | Each    | -       | 1      | 1       |

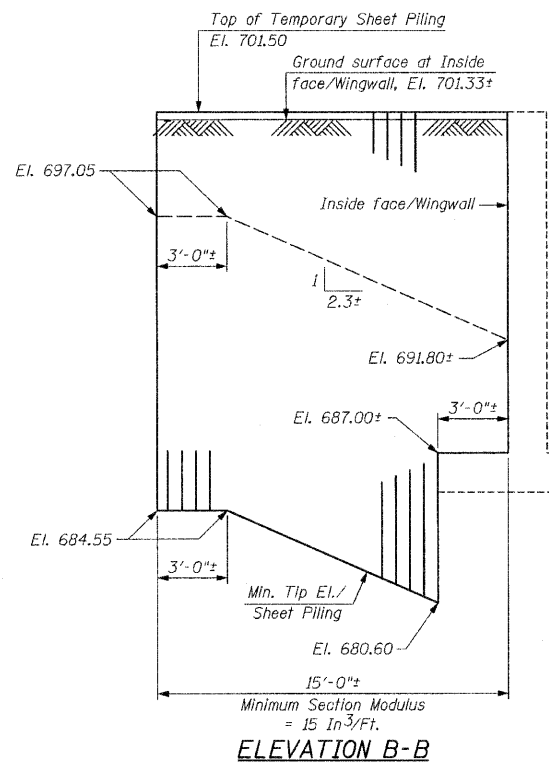
**GENERAL NOTES:**

Layout of Slope Protection System may be varied in the field to suit ground conditions as directed by the Engineer.  
The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.  
For pavement removal & channel excavation between the existing abutment and the new abutment see Roadway Plans.  
Slip Forming of the parapets is not allowed.  
Reinforcement Bars shall conform to the requirements of ASTM A 706, Grade 60. See Special Provisions.  
Reinforcement Bars designated (E) shall be epoxy coated.  
For cleaning out and reshaping channel, see Roadway Plans. Removal of existing debris in channel is included with pay item for "Channel Excavation".  
The Contractor shall prepare an In-Stream Work Plan that is in accordance with the requirements of SWPPP, 401 and 404 Permits. All erosion and sediment control, cofferdams, work pads and any work required by the Contractor's operation will be included in the cost of "Underwater Structure Excavation Protection - Location 1".  
In lieu of the hammer selection criteria and use of the FHWA Modified Gates formula specified in Section 512 of the Standard Specifications, the Contractor shall conduct a wave equation analysis to establish the driving criteria at all pile foundations which specify a nominal required bearing above 600 kips. The analysis and calculations shall be submitted to the Engineer for approval.

The Contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.



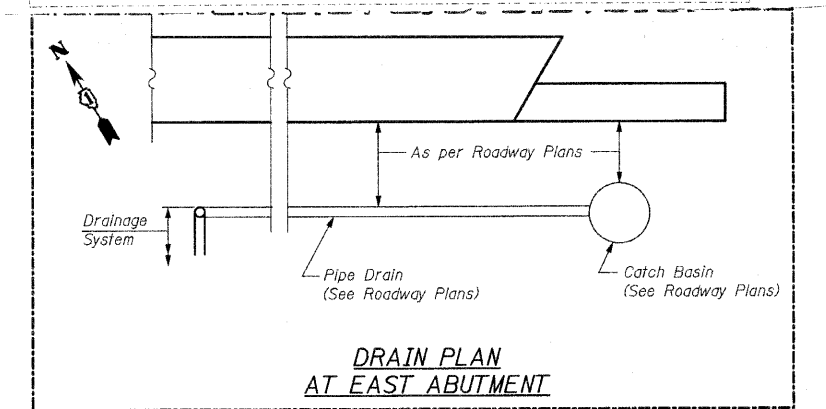
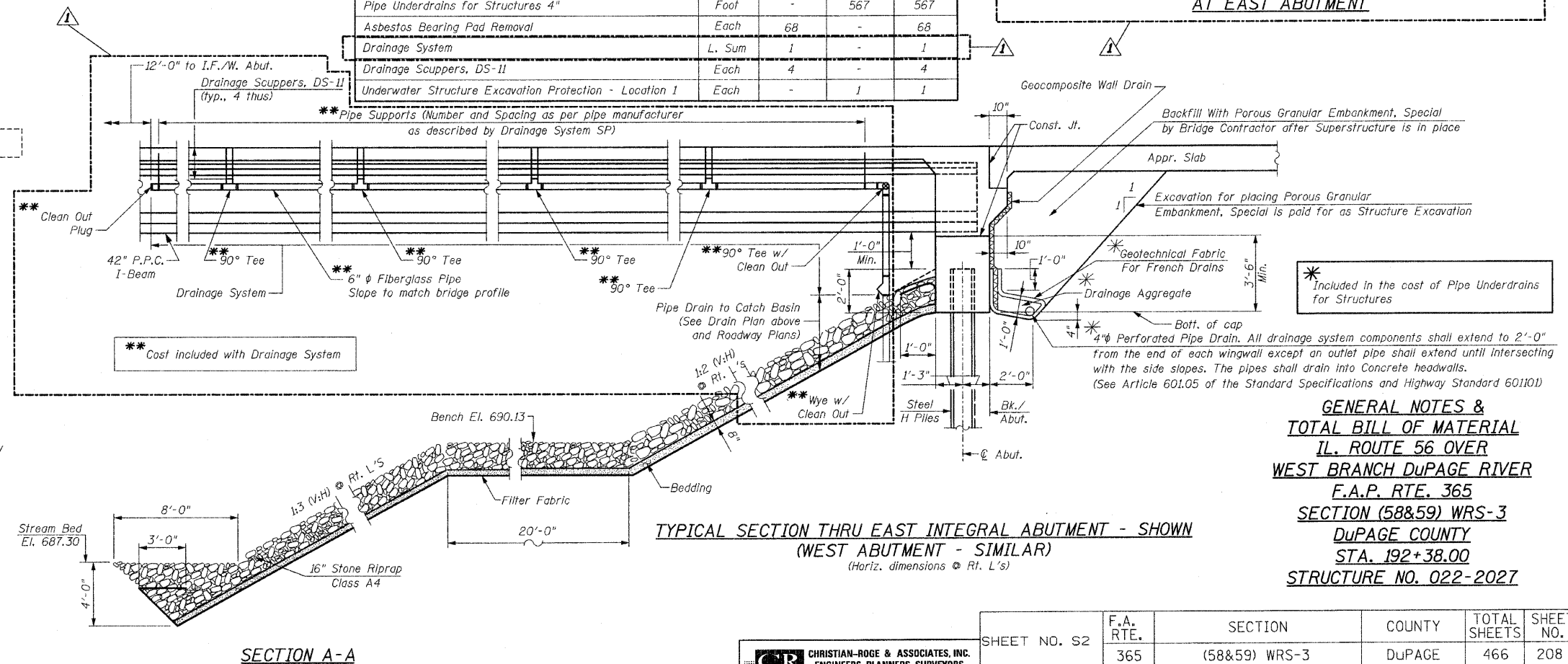
**LEGEND:**  
Concrete Removal. Cost included with Removal of Existing Structures No. 2



**NOTES:**

If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including details and calculations will be required for review and acceptance by the Engineer.  
The Contractor shall connect the first sheet to the existing Southwest Wingwall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling.  
Temporary Sheet Piling shall be provided before Stage I Construction and removed during removal of existing structure

|            |
|------------|
| DESIGNED - |
| CHECKED -  |
| DRAWN -    |
| CHECKED -  |



**GENERAL NOTES & TOTAL BILL OF MATERIAL**  
IL. ROUTE 56 OVER WEST BRANCH DuPAGE RIVER  
F.A.P. RTE. 365  
SECTION (58&59) WRS-3  
DuPAGE COUNTY  
STA. 192+38.00  
STRUCTURE NO. 022-2027

|              |                    |                       |               |                           |               |
|--------------|--------------------|-----------------------|---------------|---------------------------|---------------|
| SHEET NO. S2 | F.A. RTE. 365      | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 466          | SHEET NO. 208 |
| S43 SHEETS   | CONTRACT NO. 62420 |                       |               | ILLINOIS FED. AID PROJECT |               |

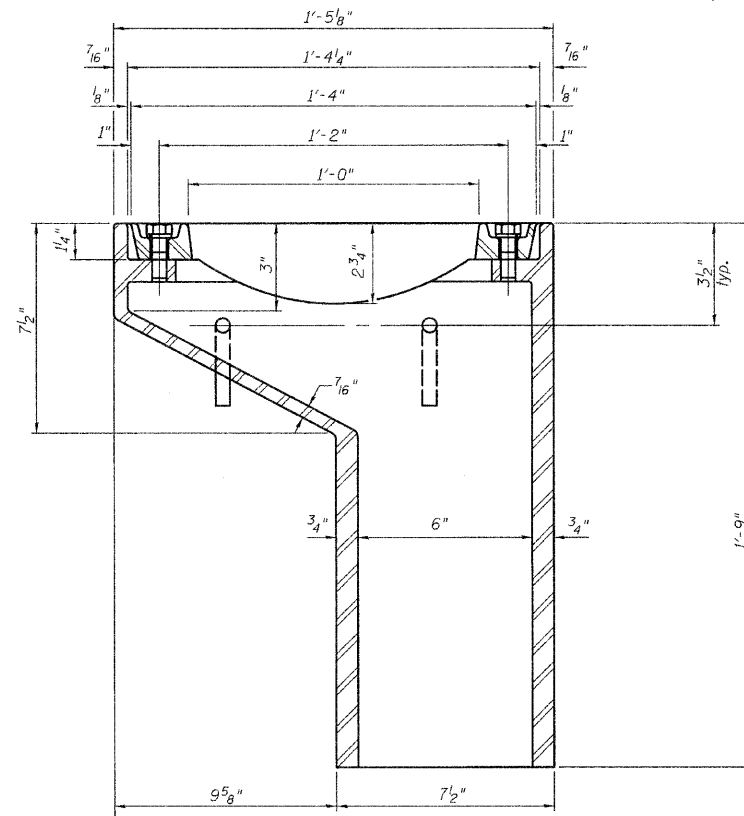
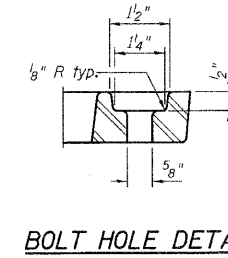
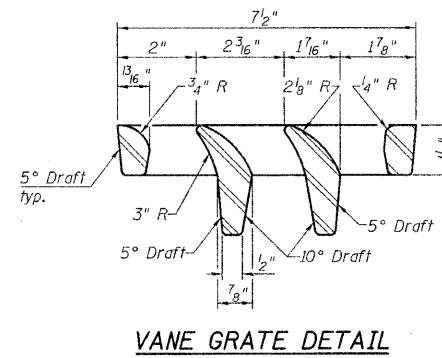
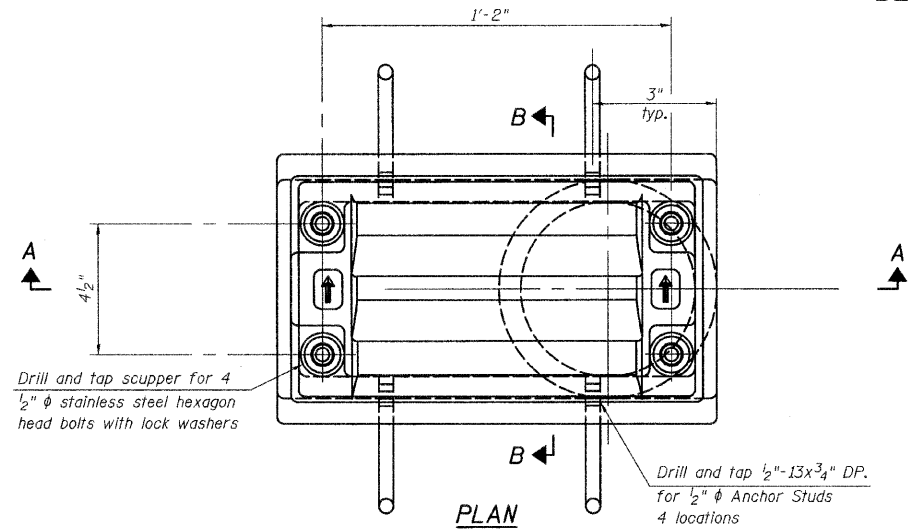
CHRISTIAN-ROGE & ASSOCIATES, INC.  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
PHONE: (312)372-2023 FAX: (312)372-5274

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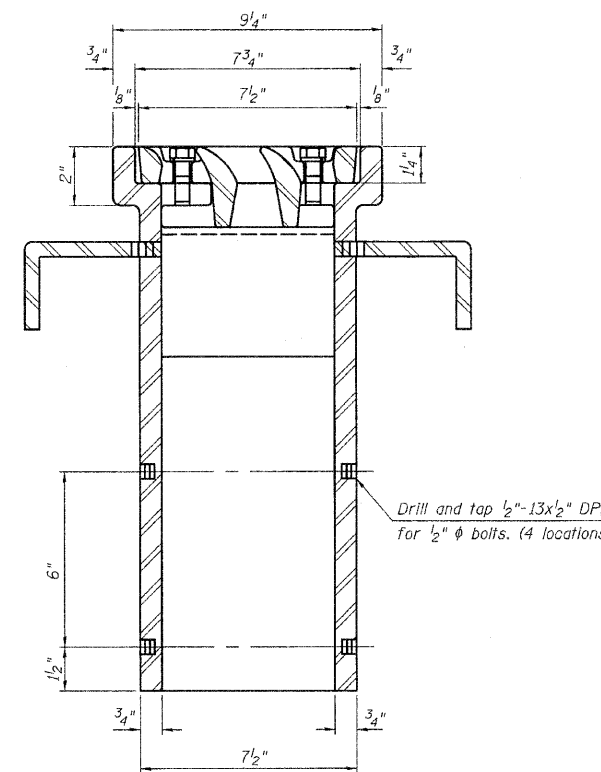




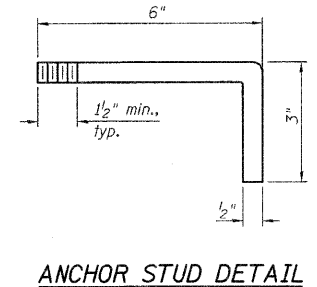
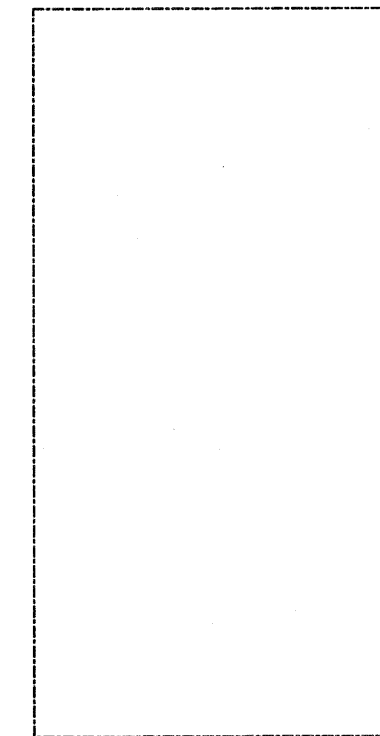
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SECTION A-A  
See Sheet S16 for scupper location relative to median



SECTION B-B



BILL OF MATERIAL

| ITEM                     | UNIT | QUANTITY |
|--------------------------|------|----------|
| Drainage Scuppers, DS-II | Each | 4        |

DRAINAGE SCUPPER, DS-II  
IL. ROUTE 56 OVER  
WEST BRANCH DuPAGE RIVER  
F.A.P. RTE. 365  
SECTION (58&59) WRS-3  
DuPAGE COUNTY  
STA. 192+38.00  
STRUCTURE NO. 022-2027

|            |
|------------|
| DESIGNED - |
| CHECKED -  |
| DRAWN -    |
| CHECKED -  |

DS-II

11-1-09

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|                           |           |               |                    |              |           |
|---------------------------|-----------|---------------|--------------------|--------------|-----------|
| SHEET NO. S19             | F.A. RTE. | SECTION       | COUNTY             | TOTAL SHEETS | SHEET NO. |
| S43 SHEETS                | 365       | (58&59) WRS-3 | DuPAGE             | 466          | 225       |
|                           |           |               | CONTRACT NO. 62420 |              |           |
| ILLINOIS FED. AID PROJECT |           |               |                    |              |           |

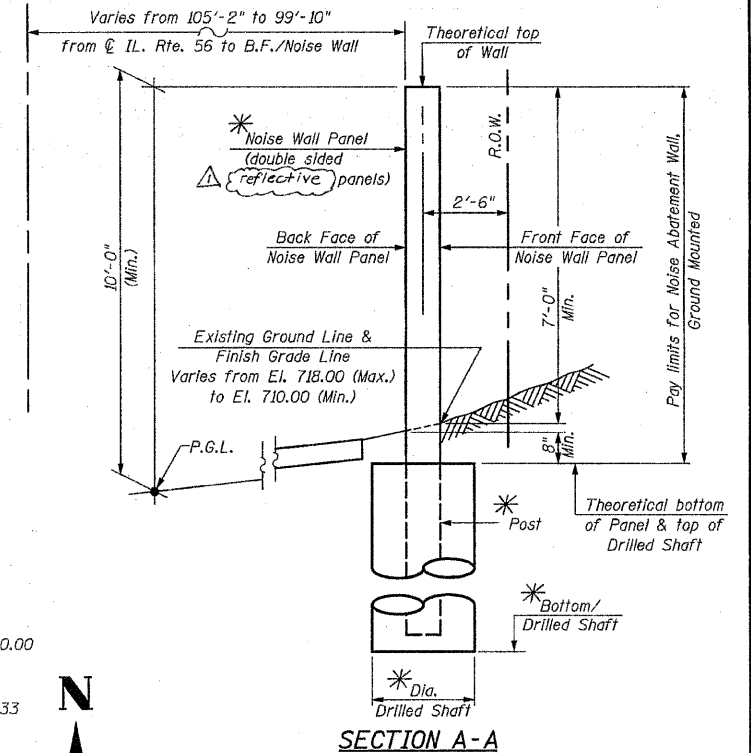
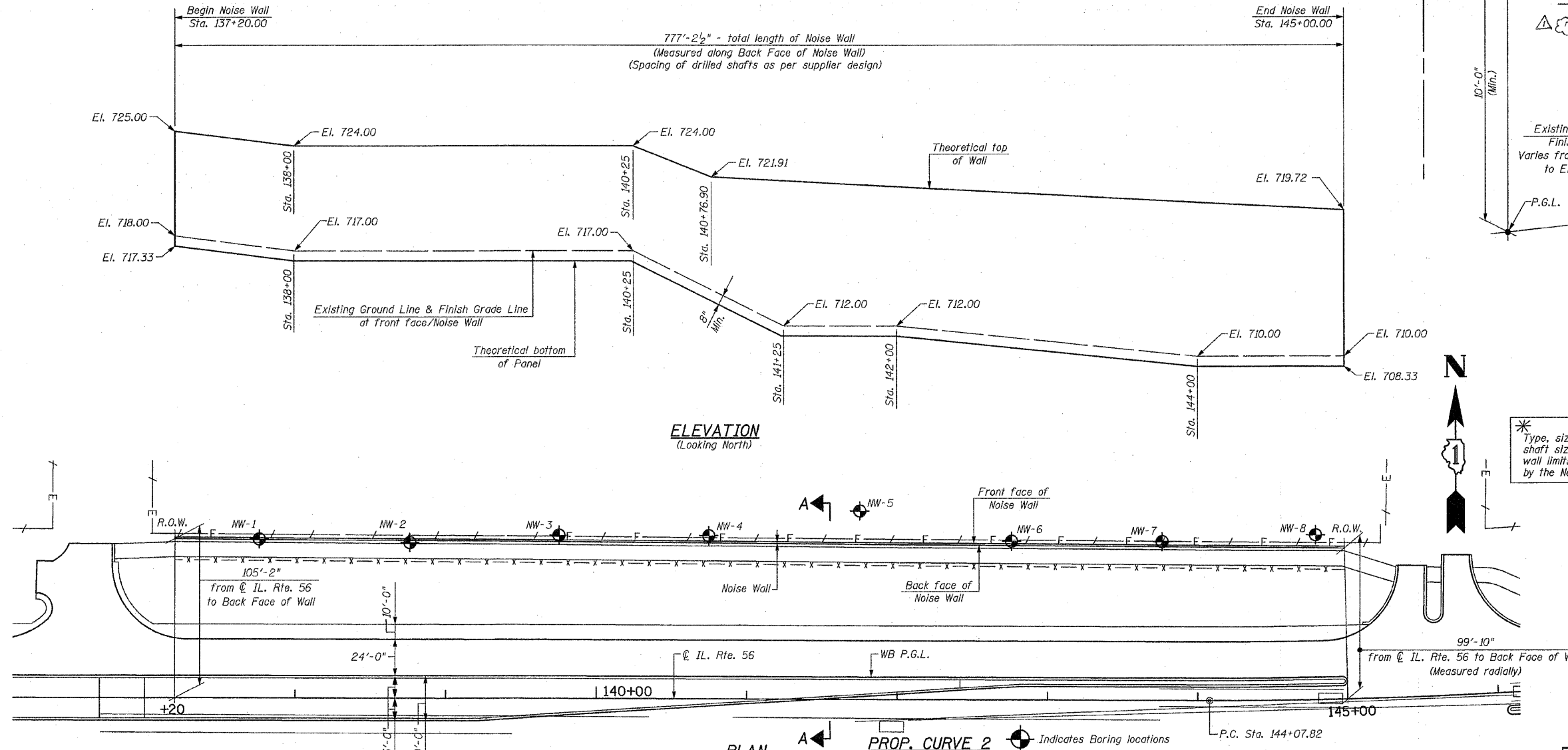
Notes:  
All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.  
Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.  
Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.  
As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.  
Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.  
The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.  
Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-II.  
Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.

**BENCH MARK: CRA 18**

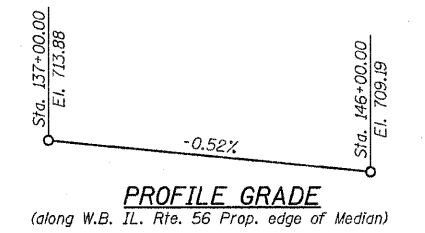
South bolt on fire hydrant at Sta. 173+03.39, 92.89' Lt., Elev. 703.55

The Noise Wall will be installed during Stage II Construction.  
 Existing Structure: none  
 Salvage: none

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



\* Type, size & spacing of posts, Noise Wall Panels, drilled shaft size & embedment length, reinforcement details and wall limits including top & bottom of wall to be determined by the Noise Wall supplier during construction



**BILL OF MATERIAL**

| Item                                 | Unit    | Total |
|--------------------------------------|---------|-------|
| Noise Abatement Wall, Ground Mounted | Sq. Ft. | 6,814 |

**NOTE:**  
 The Foundation, Posts & Noise Wall Panels shall be designed to accommodate the ultimate or maximum Noise Wall height and earth retention condition.

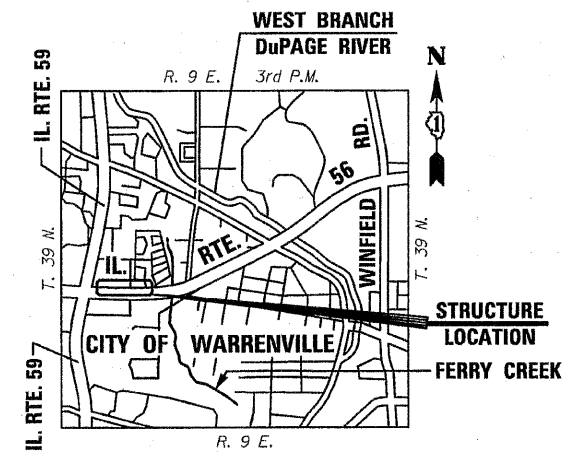
**NOTES:**  
 The Foundation is to be designed by the Contractor.  
 The Foundation is not to be placed within 1'-0" of any pipes, culverts or utilities.  
 The Contractor shall verify any obstruction to pipes, culverts and utilities prior to construction of foundation.

**HIGHWAY CLASSIFICATION**  
 F.A.P. Rte. 365 (IL. Rte. 56)  
 Functional Class: Other Principal Arterial  
 ADT: 14,200 (2005); 25,00 (2030)  
 ADTT: 690 (2005); 1,070 (2030)  
 DHV: 3,060 (2030)  
 Design Speed: 50 m.p.h.  
 Posted Speed: 45 m.p.h.  
 Two-Way Traffic  
 Directional Distribution: 50%/50%

**DESIGN SPECIFICATIONS**  
 AASHTO 2002 Standard Specifications for Highway Bridges.  
 AASHTO 1989 Guide Specifications for Structural Design of Sound Barriers and 1992 & 2002 Interims.

**LOADING**  
 Wind Load on Noise Wall = 25psf

**DESIGN STRESSES**  
**FIELD UNITS**  
 $f'_c = 3,500 \text{ psi}$   
 $f_y = 60,000 \text{ psi (Reinforcement)}$



|          |                                    |
|----------|------------------------------------|
| DESIGNED | 200                                |
| CHECKED  | ENGINEER OF BRIDGE DESIGN          |
| DRAWN    | PASSED                             |
| CHECKED  | ENGINEER OF BRIDGES AND STRUCTURES |

|                                     |               |                       |               |                  |               |
|-------------------------------------|---------------|-----------------------|---------------|------------------|---------------|
| SHEET NO. RW-1                      | F.A. RTE. 365 | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 466 | SHEET NO. 261 |
| CONTRACT NO. 62420                  |               |                       |               |                  |               |
| 145+13.00 ILLINOIS FED. AID PROJECT |               |                       |               |                  |               |

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**GENERAL PLAN & ELEVATION**  
**IL. ROUTE 56**  
**CONCRETE NOISE ABATEMENT WALL**  
**F.A.P. RTE. 365**  
**SECTION (58&59) WRS-3**  
**DuPAGE COUNTY**  
**STA. 137+20 TO STA. 145+00**  
**STRUCTURE NO. 022-WQ41**  
 Rev. 1-7-11

# TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

| ITEM  | UNIT  | IL RTE 56 AT<br>IL RTE 59 | IL RTE 56 AT<br>BATAVIA<br>ROAD | IL RTE 56 AT<br>WINFIELD<br>ROAD | IL RTE 59<br>INTERCONNECT | IL RTE 56<br>INTERCONNECT | TOTAL |
|---|-------|---------------------------|---------------------------------|----------------------------------|---------------------------|---------------------------|-------|
| SIGN PANEL - TYPE 1   | SQ FT | 55                        | 55                              | 56.5                             |                           |                           | 166.5 |
| SIGN PANEL - TYPE 2   | SQ FT | 30                        | 30                              | 30                               |                           |                           | 90    |
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL                              | FOOT  | 1063                      | 580                             | 1220                             | 357                       | 3111                      | 6331  |
| CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL                          | FOOT  | 134                       | 213                             | 112                              |                           |                           | 459   |
| CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL                              | FOOT  | 18                        | 44                              | 52                               |                           |                           | 114   |
| CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL                          | FOOT  |                           | 29                              | 10                               |                           |                           | 39    |
| CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL                              | FOOT  | 106                       | 77                              | 92                               |                           |                           | 275   |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL                                 | FOOT  | 274                       | 53                              | 236                              |                           | 144                       | 707   |
| CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL                                 | FOOT  | 560                       | 991                             | 601                              |                           |                           | 2152  |
| CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL                  | FOOT  |                           |                                 |                                  |                           | 224                       | 224   |
| HANDHOLE  | EACH  | 4                         | 6                               | 3                                |                           | 1                         | 14    |
| HEAVY-DUTY HANDHOLE   | EACH  | 6                         | 2                               | 6                                |                           | 5                         | 19    |
| DOUBLE HANDHOLE   | EACH  | 2                         | 4                               | 3                                |                           |                           | 9     |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK                                   | FOOT  | 1255                      | 922                             | 1427                             | 357                       | 3111                      | 7072  |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                       | EACH  |                           |                                 |                                  | 1                         |                           | 1     |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET                              | EACH  |                           |                                 | 1                                |                           |                           | 1     |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL                     | EACH  | 1                         |                                 |                                  |                           |                           | 1     |
| FULL-ACTUATED CONTROLLER AND TYPE V CABINET                               | EACH  |                           | 1                               |                                  |                           |                           | 1     |
| MASTER CONTROLLER   | EACH  |                           |                                 |                                  |                           | 1                         | 1     |
| TRANSCIVER - FIBER OPTIC  | EACH  | 1                         | 1                               | 1                                |                           |                           | 3     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                               | FOOT  | 859                       | 1358                            | 3278                             |                           |                           | 5495  |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                               | FOOT  | 2037                      | 6222                            | 2932                             |                           |                           | 11191 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                               | FOOT  | 3241                      | 6162                            | 3221                             |                           |                           | 12624 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                               | FOOT  | 2035                      |                                 | 2076                             |                           |                           | 4111  |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR                         | FOOT  | 4953                      | 2962                            | 4464                             |                           |                           | 12379 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C                              | FOOT  | 42                        | 28                              | 32                               |                           |                           | 102   |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.                              | EACH  |                           | 3                               |                                  |                           |                           | 3     |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.                              | EACH  |                           | 4                               |                                  |                           |                           | 4     |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.                              | EACH  |                           |                                 | 1                                |                           |                           | 1     |
| STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.                                  | EACH  | 3                         |                                 | 2                                |                           |                           | 5     |
| STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.                                  | EACH  |                           |                                 | 1                                |                           |                           | 1     |
| STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.                                  | EACH  |                           | 2                               |                                  |                           |                           | 2     |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.                                  | EACH  | 1                         |                                 |                                  |                           |                           | 1     |
| STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.                                  | EACH  |                           | 1                               |                                  |                           |                           | 1     |
| STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.                                  | EACH  |                           | 2                               |                                  |                           |                           | 2     |
| STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.                                  | EACH  |                           | 1                               | 1                                |                           |                           | 2     |
| STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.                                  | EACH  |                           |                                 | 1                                |                           |                           | 1     |
| STEEL MAST ARM ASSEMBLY AND POLE, 68 FT.                                  | EACH  |                           |                                 | 1                                |                           |                           | 1     |
| STEEL MAST ARM ASSEMBLY AND POLE, 74 FT.                                  | EACH  |                           |                                 | 1                                |                           |                           | 1     |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)             | EACH  | 1                         |                                 |                                  |                           |                           | 1     |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)             | EACH  | 2                         |                                 |                                  |                           |                           | 2     |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. (SPECIAL)             | EACH  | 1                         |                                 |                                  |                           |                           | 1     |
| CONCRETE FOUNDATION, TYPE A   | FOOT  |                           | 24                              | 4                                |                           |                           | 28    |
| CONCRETE FOUNDATION, TYPE C   | FOOT  | 4                         | 4                               | 4                                |                           |                           | 12    |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                              | FOOT  | 40                        | 20                              | 30                               |                           |                           | 90    |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                              | FOOT  | 58                        | 43                              |                                  |                           |                           | 101   |
| CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER                              | FOOT  |                           | 21                              | 96                               |                           |                           | 117   |
| DRILL EXISTING HANDHOLE   | EACH  |                           |                                 |                                  | 1                         |                           | 1     |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED                     | EACH  | 12                        | 16                              | 11                               |                           |                           | 39    |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED                      | EACH  |                           | 4                               |                                  |                           |                           | 4     |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED                     | EACH  | 8                         |                                 | 7                                |                           |                           | 15    |
| SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED                      | EACH  |                           | 2                               |                                  |                           |                           | 2     |
| SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED       | EACH  |                           |                                 | 1                                |                           |                           | 1     |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 2                         | 6                               | 2                                |                           |                           | 10    |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 1                         | 2                               | 3                                |                           |                           | 6     |
| PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  |                           | 2                               |                                  |                           |                           | 2     |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM                              | EACH  | 20                        | 16                              | 18                               |                           |                           | 54    |
| INDUCTIVE LOOP DETECTOR   | EACH  | 15                        | 10                              | 14                               |                           |                           | 39    |
| DETECTOR LOOP, TYPE I   | EACH  | 987                       | 875                             | 924                              |                           |                           | 2786  |
| LIGHT DETECTOR  | EACH  | 4*                        | 4*                              | 2**                              |                           |                           | 10    |
| LIGHT DETECTOR AMPLIFIER  | EACH  | 1*                        | 1*                              | 1**                              |                           |                           | 3     |
| PEDESTRIAN PUSH-BUTTON  | EACH  | 4                         | 12                              | 16                               |                           |                           | 32    |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION                                     | EACH  | 1                         | 1                               | 1                                |                           |                           | 3     |
| RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT        | EACH  |                           |                                 | 2**                              |                           |                           | 2     |
| RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT         | EACH  |                           |                                 | 1**                              |                           |                           | 1     |
| REMOVE ELECTRIC CABLE FROM CONDUIT  | FOOT  |                           |                                 |                                  | 3500                      |                           | 3500  |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                                  | EACH  | 1                         | 1                               | 1                                |                           |                           | 3     |
| REMOVE EXISTING HANDHOLE  | EACH  | 12                        | 13                              | 12                               |                           |                           | 37    |
| REMOVE EXISTING CONCRETE FOUNDATION                                       | EACH  | 9                         | 8                               | 9                                |                           |                           | 26    |
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C                              | FOOT  |                           |                                 |                                  | 2284                      | 4478                      | 6762  |
| OPTIMIZE TRAFFIC SIGNAL SYSTEM  | EACH  |                           |                                 |                                  |                           | 1                         | 1     |
| TEMPORARY TRAFFIC SIGNAL TIMINGS  | EACH  | 1                         | 1                               | 1                                |                           |                           | 3     |
| RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL I                               | EACH  |                           |                                 |                                  | 1                         |                           | 1     |
| SERVICE INSTALLATION, POLE MOUNT  | EACH  | 1                         | 1                               | 1                                |                           |                           | 3     |
| UNINTERRUPTIBLE POWER SUPPLY  | EACH  | 1                         | 1                               | 1                                |                           |                           | 3     |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F                   | FOOT  |                           |                                 |                                  | 2296                      | 4501                      | 6797  |
| ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C                             | FOOT  | 903                       | 1497                            | 986                              |                           |                           | 3386  |
| ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED                   | FOOT  | 1144*                     | 1662*                           | 1128**                           |                           |                           | 3934  |

\* DENOTES 100% OF COST TO CITY OF WARRENVILLE  
 \*\* DENOTES 100% OF COST TO WARRENVILLE FIRE PROTECTION DISTRICT

FILE NAME = TS-01.dgn  
 PLOT DATE = 12/28/2010



|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - R.A.S.     | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL SCHEDULE OF QUANTITIES**  
 IL ROUTE 56 (BUTTERFIELD ROAD)  
 WEST OF IL ROUTE 59 TO EAST OF WINFIELD ROAD

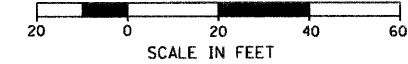
SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

|   |               |        |               |
|---|---------------|--------|---------------|
| REVISED 12-20-10                                |               | TS-1   |               |
| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS  |
| 365   | (58&59) WRS-3 | DuPAGE | 466           |
|   |               |        | SHEET NO. 284 |
| CONTRACT NO. 62420                              |               |        |               |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        |               |

SIGN (A)

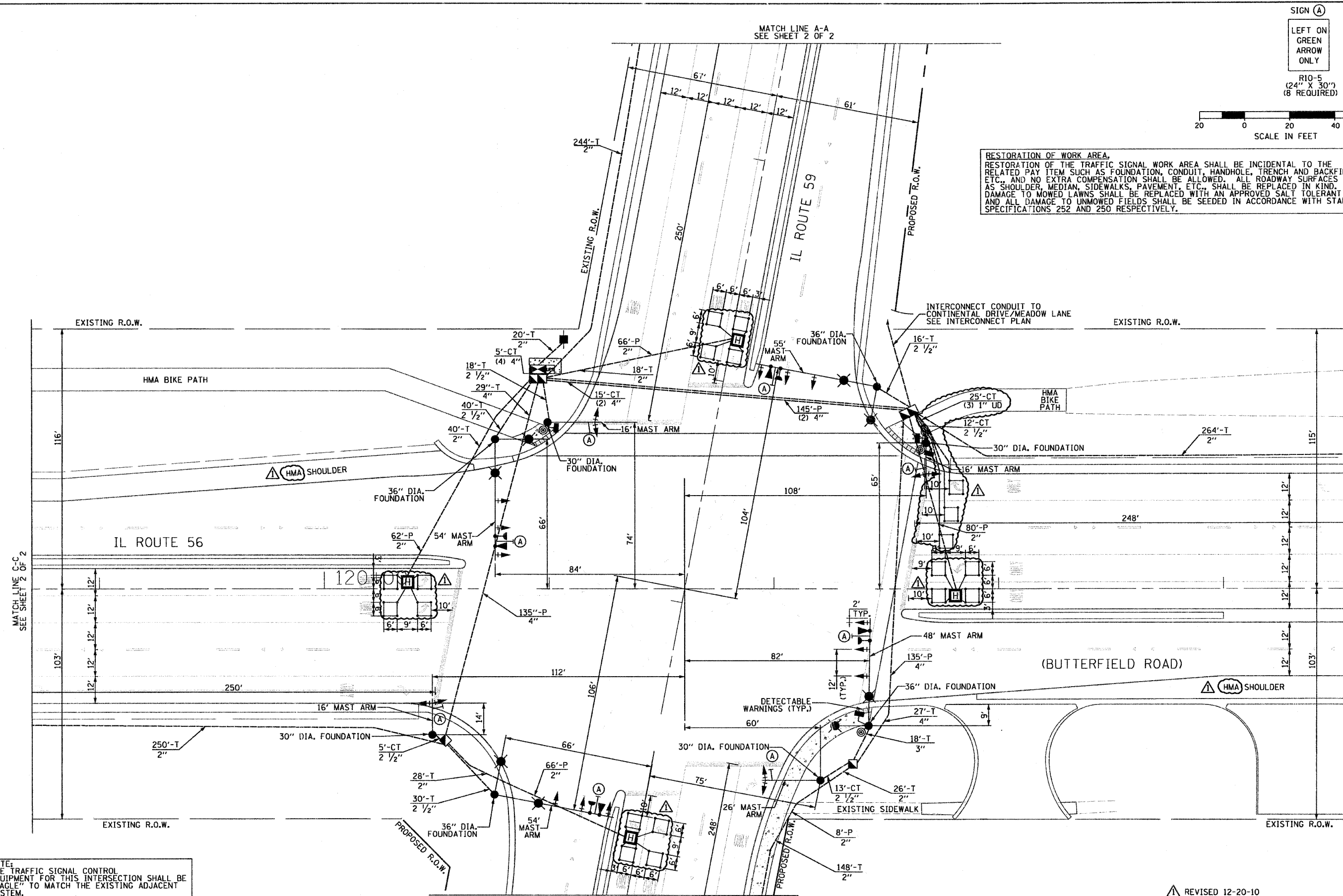
LEFT ON GREEN  
ARROW  
ONLY

R10-5  
(24" X 30")  
(8 REQUIRED)



MATCH LINE A-A  
SEE SHEET 2 OF 2

RESTORATION OF WORK AREA.  
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



NOTE:  
THE TRAFFIC SIGNAL CONTROL  
EQUIPMENT FOR THIS INTERSECTION SHALL BE  
"EAGLE" TO MATCH THE EXISTING ADJACENT  
SYSTEM.

REVISD 12-20-10

TS-11

FILE NAME = TS-12.dgn  
PLOT DATE = 12/28/2010

**SPAAN Tech, Inc.**  
311 S. Wacker Drive, Suite 2400 Chicago, IL 60606  
Phone: 312.277.8800 Fax: 312.277.8800  
Web: www.SpaanTech.com

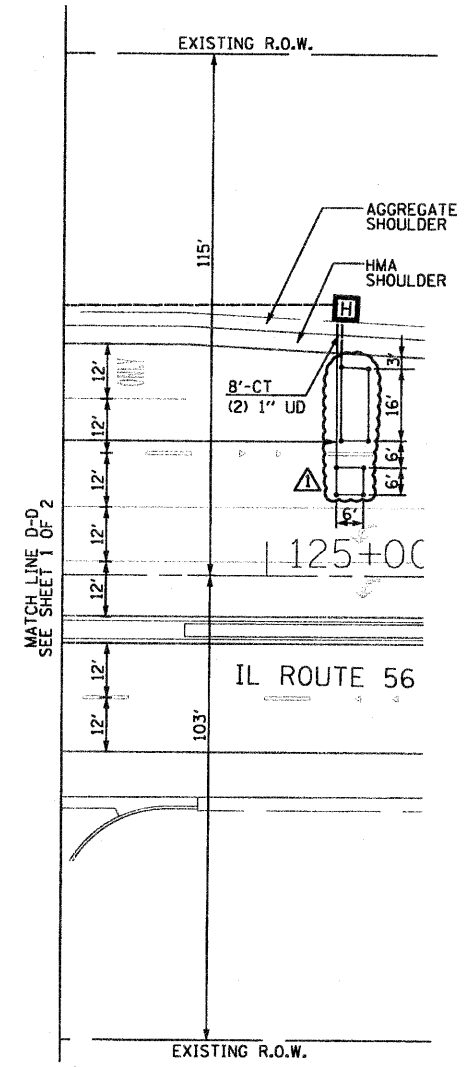
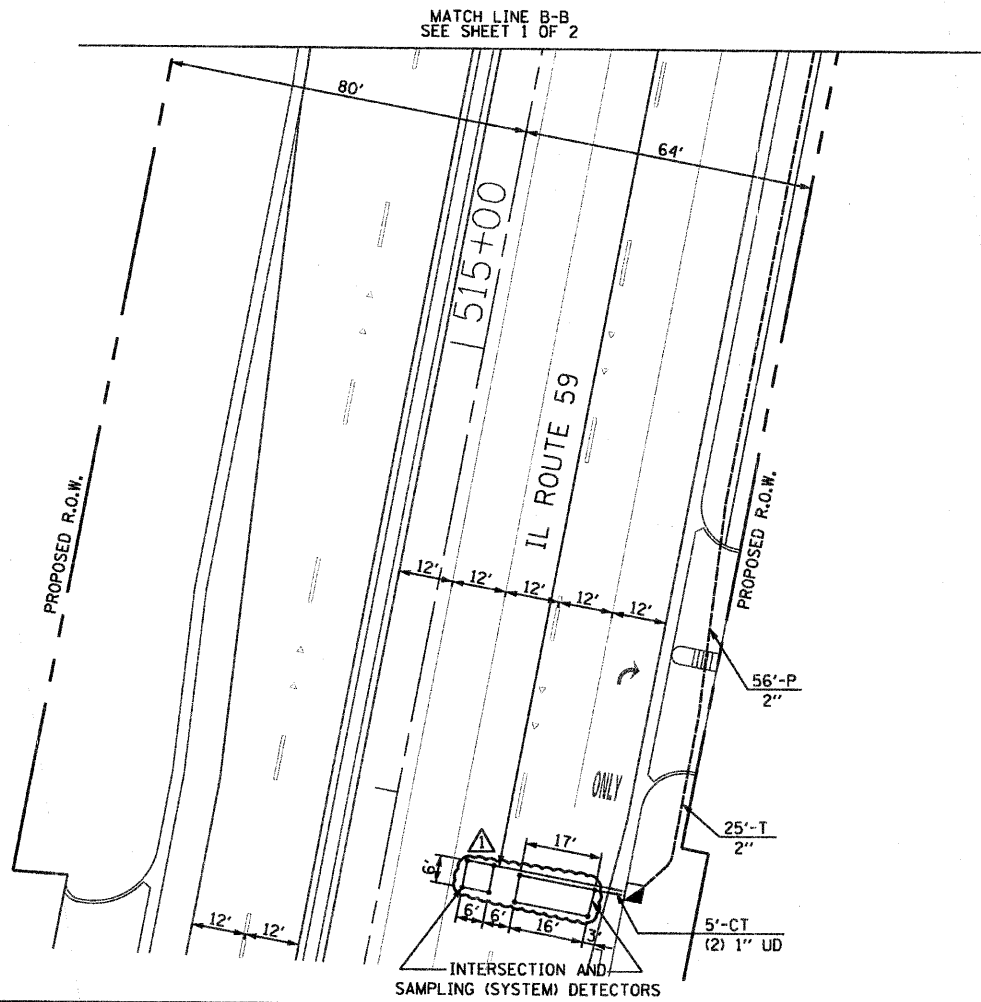
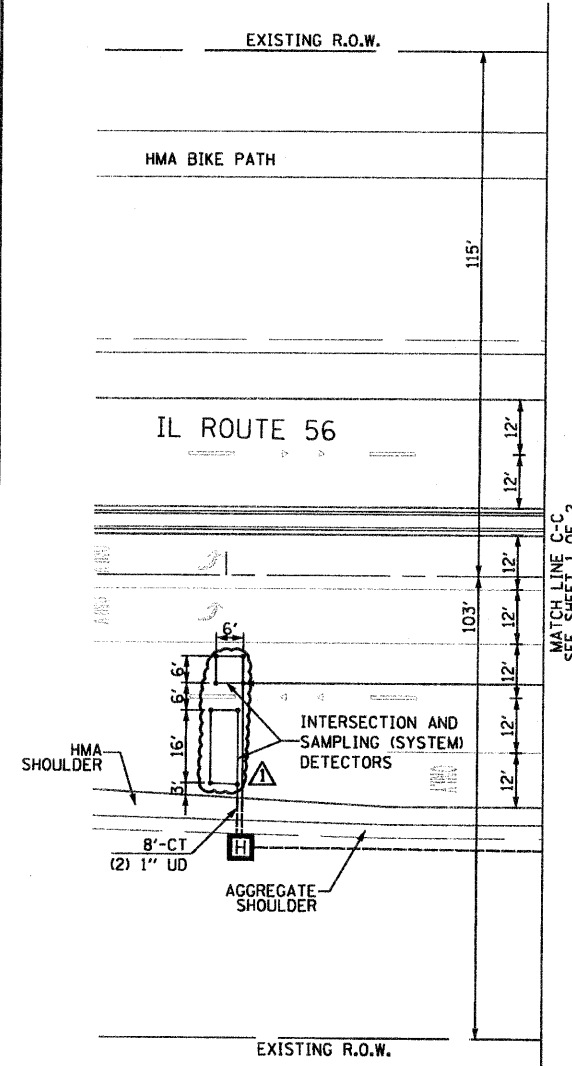
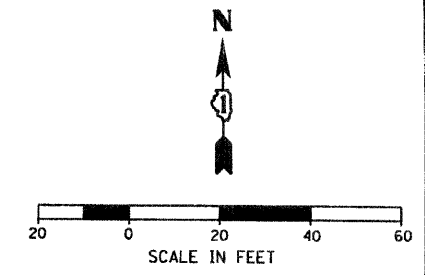
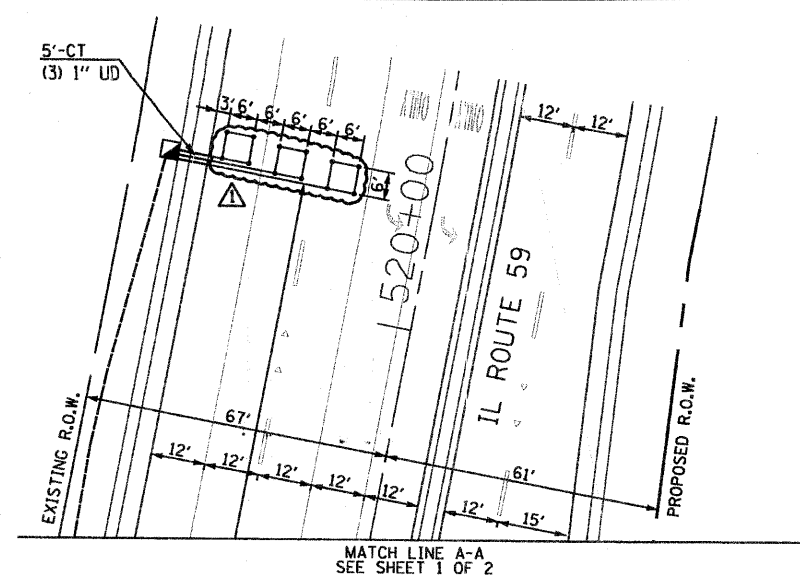
|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - R.A.S.     | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN**  
IL ROUTE 56 (BUTTERFIELD ROAD) AND IL ROUTE 59 - SHEET 1 OF 2

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 118+70 TO STA. 124+55

|   |                       |               |                  |               |
|---|-----------------------|---------------|------------------|---------------|
| F.A.P. RTE. 365                                   | SECTION (58&59) WRS-3 | COUNTY DUPAGE | TOTAL SHEETS 466 | SHEET NO. 294 |
| CONTRACT NO. 62420                                |                       |               |                  |               |
| FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT |                       |               |                  |               |



RESTORATION OF WORK AREA.  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME = TS-13.dgn  
 PLOT DATE = 12/16/2010

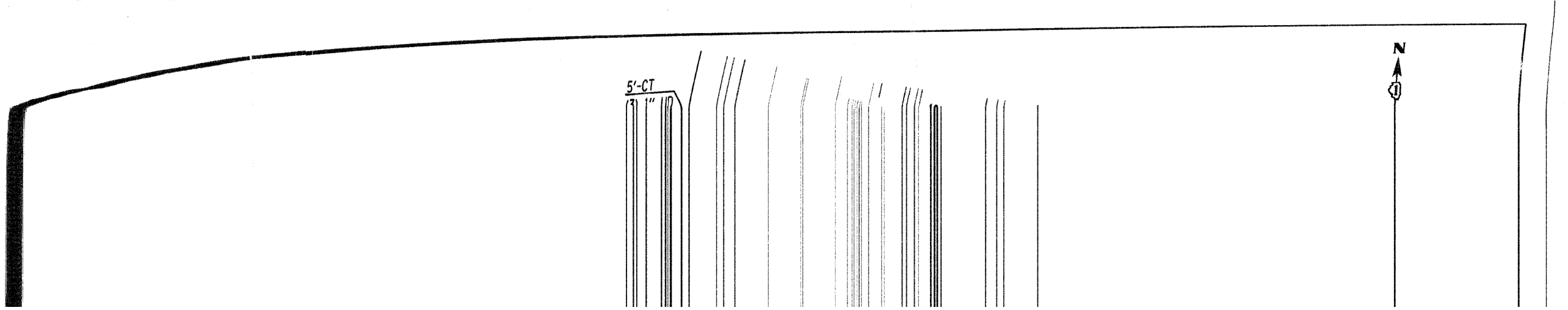


|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - R.A.S.     | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN  
 IL ROUTE 56 (BUTTERFIELD ROAD) AND IL ROUTE 59 - SHEET 2 OF 2  
 SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 117+70 TO STA. 125+35

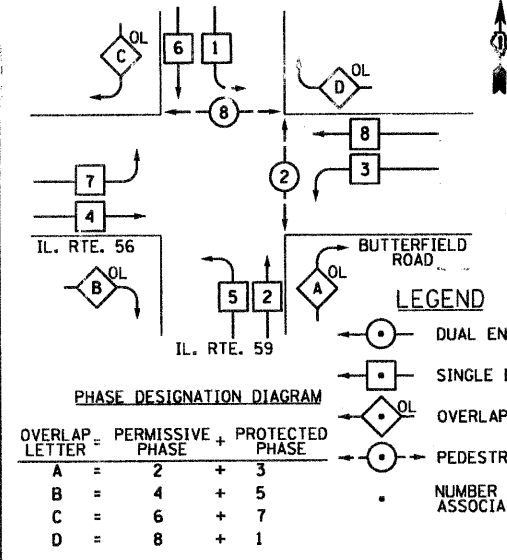
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|---|---------------|--------------------|--------------|
| REVISED 12-20-10                                |               | TS-12              |              |
| F.A.P. RTE.                                     | SECTION       | COUNTY             | TOTAL SHEETS |
| 365   | (58&59) WRS-3 | DuPage             | 466 295      |
|   |               | CONTRACT NO. 62420 |              |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |                    |              |



5'-CT

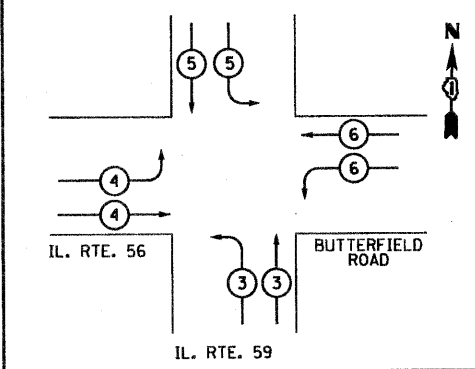
N

PROPOSED CONTROLLER SEQUENCE



IL. RTE. 56

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS

| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 | 5 | 6 |
|-----------------------------|---|---|---|---|
| MOVEMENT                    | ↶ | ↷ | ↵ | ↷ |

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

| TYPE             | NO. OF LAMPS | INCAND. LED | WATTAGE | % OPERATION | TOTAL WATTAGE |
|------------------|--------------|-------------|---------|-------------|---------------|
| SIGNAL (RED)     | 20           | 135         | 17      | 0.50        | 170           |
| (YELLOW)         | 20           | 135         | 25      | 0.25        | 125           |
| (GREEN)          | 20           | 135         | 15      | 0.25        | 75            |
| ARROW            | 16           | 135         | 12      | 0.10        | 19.2          |
| PED. SIGNAL      | 4            | 90          | 25      | 1.00        | 100           |
| CONTROLLER       | 1            | 100         | 100     | 1.00        | 100           |
| ILLUM. SIGN      |              | 252         |         | 0.05        |               |
| FLASHER          |              |             |         | 0.50        |               |
| ENERGY COSTS TO: |              |             |         | TOTAL =     | 589.2         |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS / DISTRICT 1  
 201 WEST CENTER COURT / SCHAMBURG, IL 60196-1096

ENERGY SUPPLY CONTACT: MS. MIKKI WILLIAMS  
 PHONE: (630) 691-4721  
 COMPANY: COMED

FILE NAME = TS-14.dgn  
 PLOT DATE = 12/28/2010

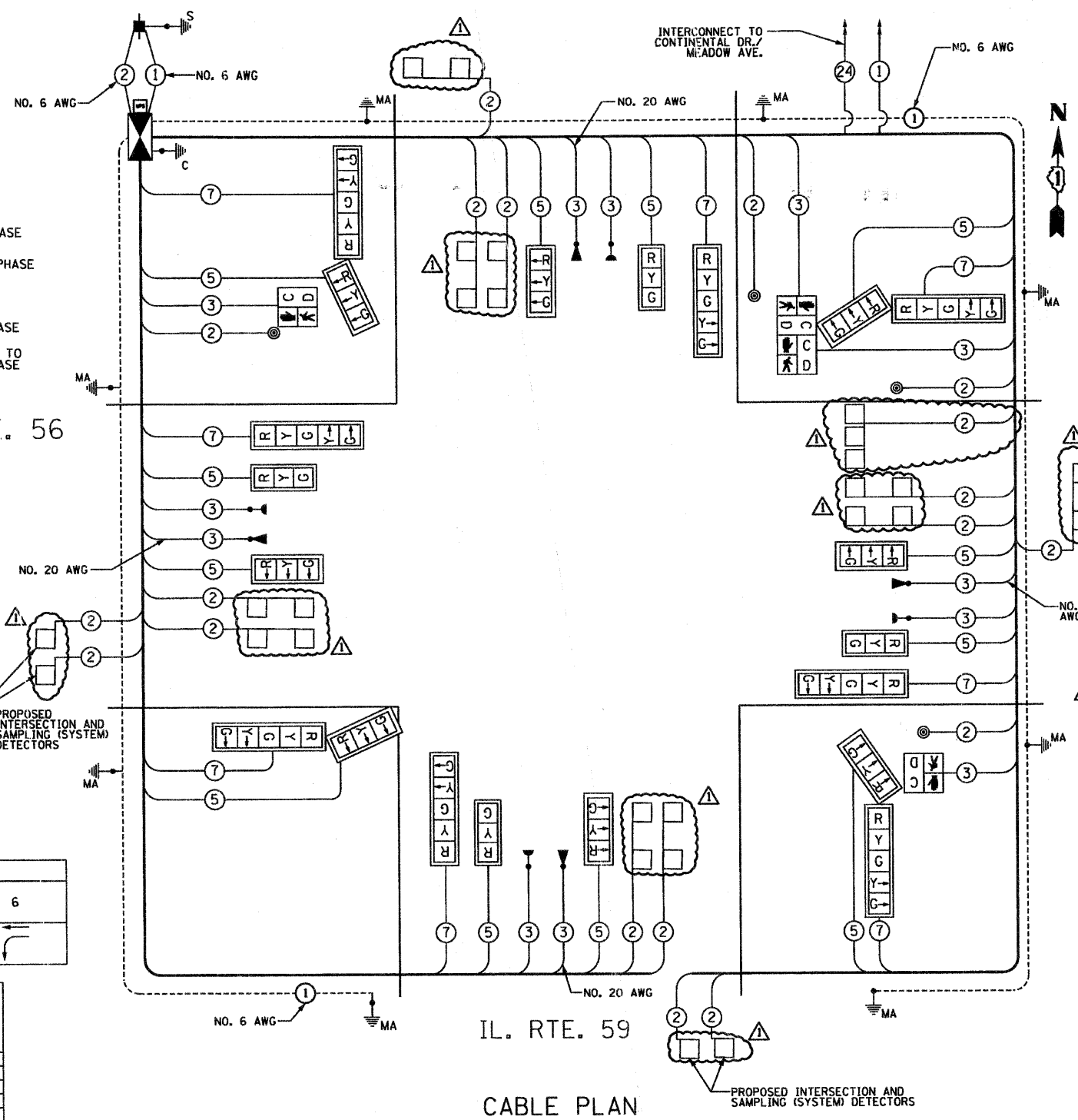
**SPAAN Tech, Inc.**  
 311 S. Wacker Drive, Suite 2400  
 Chicago, IL 60606

DESIGNED - R.A.S.  
 DRAWN - D.L.  
 CHECKED - A.D.O.  
 DATE - AUGUST 2010

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.



SCHEDULE OF QUANTITIES

| ITEM  | UNIT  | QUANTITY |
|---|-------|----------|
| SIGN PANEL - TYPE 1   | SQ FT | 55       |
| SIGN PANEL - TYPE 2   | SQ FT | 30       |
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL                              | FOOT  | 1063     |
| CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL                          | FOOT  | 134      |
| CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL                              | FOOT  | 18       |
| CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL                              | FOOT  | 106      |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL                                 | FOOT  | 274      |
| CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL                                 | FOOT  | 560      |
| HANDHOLE  | EACH  | 4        |
| HEAVY-DUTY HANDHOLE   | EACH  | 6        |
| DOUBLE HANDHOLE   | EACH  | 2        |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK                                   | FOOT  | 1255     |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL                     | EACH  | 1        |
| TRANSCEIVER - FIBER OPTIC   | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                               | FOOT  | 859      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                               | FOOT  | 2037     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                               | FOOT  | 3241     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                               | FOOT  | 2035     |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR                         | FOOT  | 4953     |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C                              | FOOT  | 42       |
| STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.                                  | EACH  | 3        |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.                                  | EACH  | 1        |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)             | EACH  | 1        |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)             | EACH  | 2        |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. (SPECIAL)             | EACH  | 1        |
| CONCRETE FOUNDATION, TYPE C   | FOOT  | 4        |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                              | FOOT  | 40       |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                              | FOOT  | 58       |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED                     | EACH  | 12       |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED                     | EACH  | 8        |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 2        |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 1        |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM                              | EACH  | 20       |
| INDUCTIVE LOOP DETECTOR   | EACH  | 15       |
| DETECTOR LOOP, TYPE 1   | EACH  | 987      |
| LIGHT DETECTOR  | EACH  | 4        |
| LIGHT DETECTOR AMPLIFIER  | EACH  | 1        |
| PEDESTRIAN PUSH-BUTTON  | EACH  | 4        |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION                                     | EACH  | 1        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                                  | EACH  | 1        |
| REMOVE EXISTING HANDHOLE  | EACH  | 12       |
| REMOVE EXISTING CONCRETE FOUNDATION                                       | EACH  | 9        |
| TEMPORARY TRAFFIC SIGNAL TIMINGS  | EACH  | 1        |
| SERVICE INSTALLATION, POLE MOUNT  | EACH  | 1        |
| UNINTERRUPTIBLE POWER SUPPLY  | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C                             | FOOT  | 903      |
| ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED                  | FOOT  | 1144     |

\* DENOTES 100% OF COST TO CITY OF WARRENVILLE

NOTE:  
 THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS INTERSECTION SHALL BE "EAGLE" BRAND TO MATCH THE EXISTING SYSTEM.

REVISED 12-20-10

| F.A.P. RTE. | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------------|--------|--------------|-----------|
| 365         | (58&59) WRS-3 | DUPAGE | 466          | 296       |

CONTRACT NO. 62420

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SCHEDULE OF QUANTITIES, CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
 IL ROUTE 56 (BUTTERFIELD ROAD) AND IL ROUTE 59

SCALE: NONE

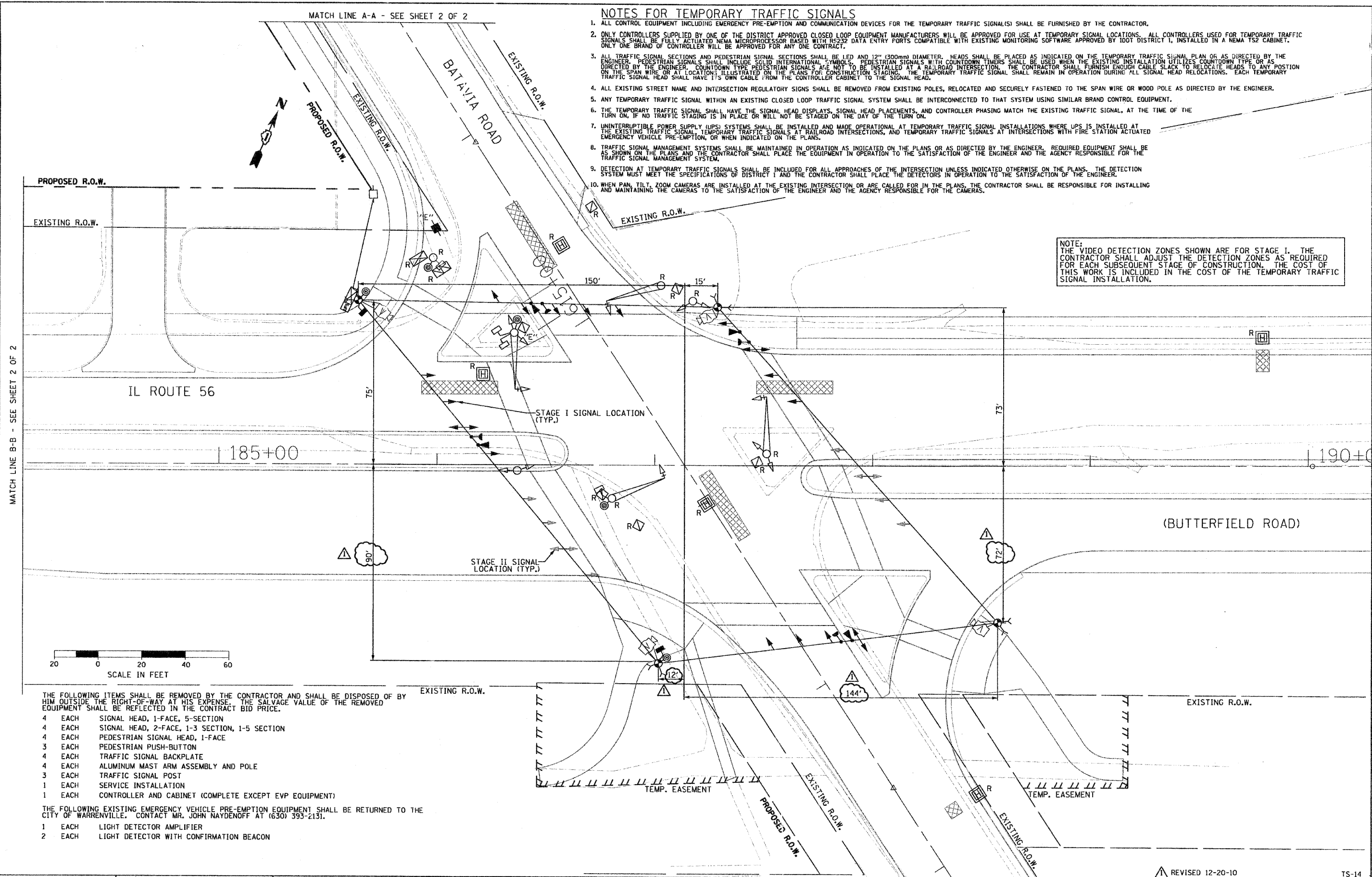
SHEET NO. OF SHEETS STA. TO STA.

TS-13

**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

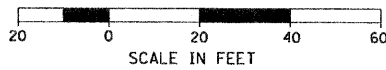
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT I, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE APPROVED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY TRAFFIC SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS, AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT I AND THE CONTRACTOR SHALL PLACE THE DETECTORS IN OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

NOTE:  
THE VIDEO DETECTION ZONES SHOWN ARE FOR STAGE I. THE CONTRACTOR SHALL ADJUST THE DETECTION ZONES AS REQUIRED FOR EACH SUBSEQUENT STAGE OF CONSTRUCTION. THE COST OF THIS WORK IS INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.



MATCH LINE B-B - SEE SHEET 2 OF 2

MATCH LINE A-A - SEE SHEET 2 OF 2



THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY HIM OUTSIDE THE RIGHT-OF-WAY AT HIS EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 4 EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
- 4 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
- 3 EACH PEDESTRIAN PUSH-BUTTON
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH ALUMINUM MAST ARM ASSEMBLY AND POLE
- 3 EACH TRAFFIC SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 1 EACH CONTROLLER AND CABINET (COMPLETE EXCEPT EVP EQUIPMENT)

THE FOLLOWING EXISTING EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT SHALL BE RETURNED TO THE CITY OF WARRENVILLE. CONTACT MR. JOHN NAYDENOFF AT (630) 393-2131.

- 1 EACH LIGHT DETECTOR AMPLIFIER
- 2 EACH LIGHT DETECTOR WITH CONFIRMATION BEACON

FILE NAME = TS-15.dgn  
PLOT DATE = 12/20/2010

**SPAAN Tech, Inc.**  
311 S. Wacker Drive, Suite 2400 Chicago, IL 60606  
Phone: 312.777.8600 Fax: 312.777.8608 web: www.spaanTech.com

|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - R.A.S.     | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

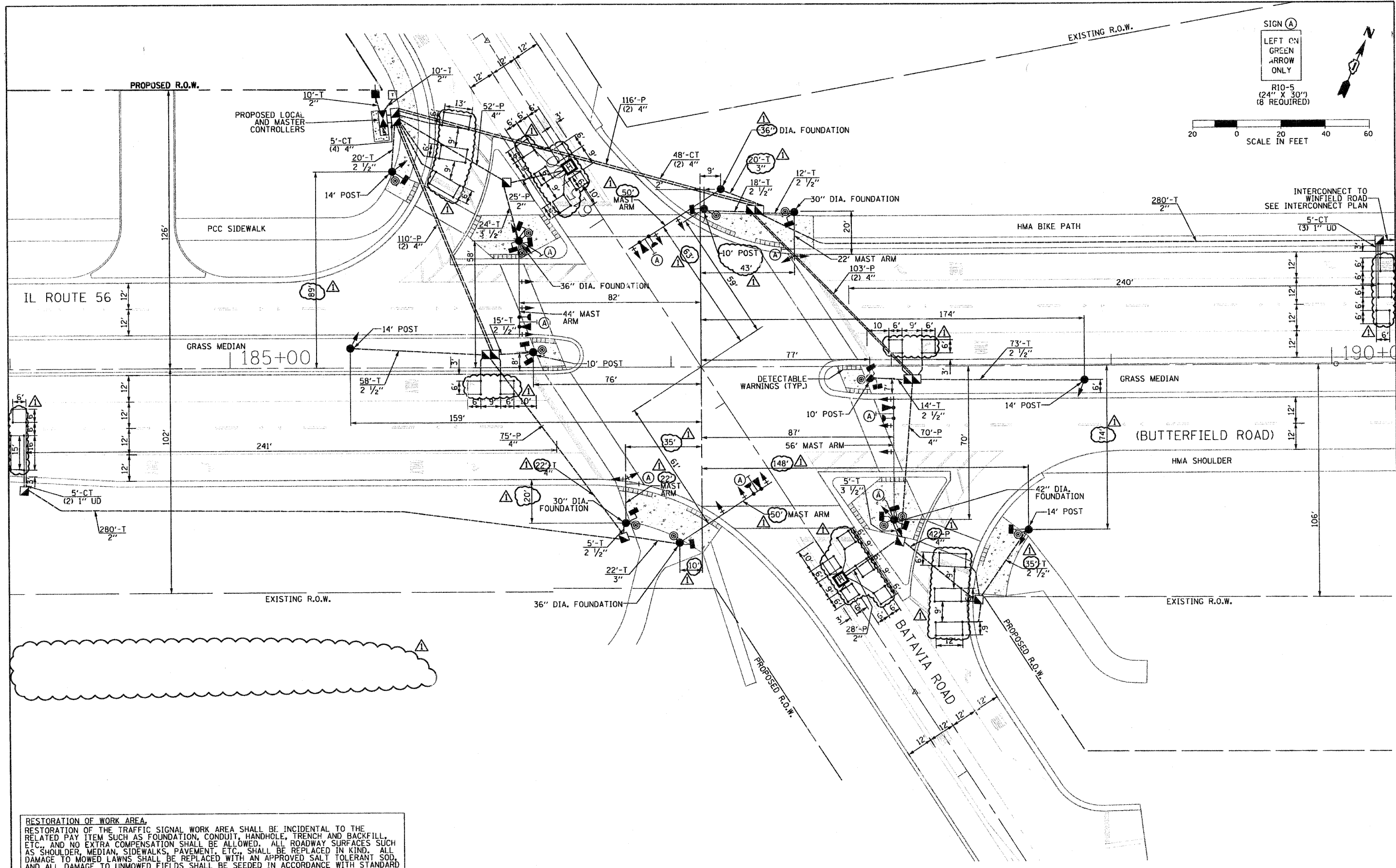
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION (STAGES I & II)  
AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**  
IL ROUTE 56 (BUTTERFIELD ROAD) AND BATAVIA ROAD - SHEET 1 OF 2

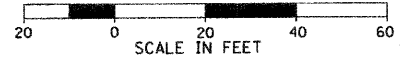
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

|   |               |        |              |
|---|---------------|--------|--------------|
| REVISED 12-20-10                                |               | TS-14  |              |
| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS |
| 365   | (58&59) WRS-3 | DUPAGE | 466          |
| CONTRACT NO. 62420                              |               |        | 297          |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        |              |





SIGN (A)  
 LEFT ON GREEN  
 ARROW ONLY  
 R10-5  
 (24" X 30")  
 (8 REQUIRED)



**RESTORATION OF WORK AREA.**  
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME = TS-28.dgn  
 PLOT DATE = 12/23/2010

**SPAAN Tech, Inc.**  
 311 S. Washburn Drive, Suite 2400  
 Chicago, IL 60606  
 312.277.4900  
 312.277.4928  
 www.spaan-tech.com

|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - R.A.S.     | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

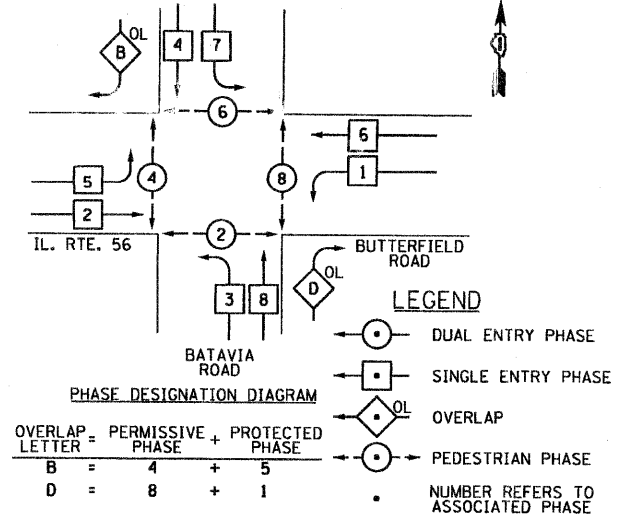
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN**  
 IL ROUTE 56 (BUTTERFIELD ROAD) AND BATAVIA ROAD  
 SCALE: 1" = 20'  
 SHEET NO. OF SHEETS STA. TO STA.

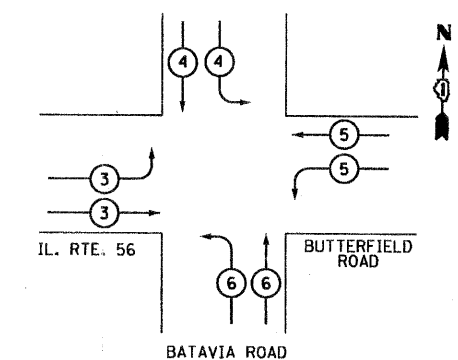
|   |                       |               |                  |               |
|---|-----------------------|---------------|------------------|---------------|
| F.A.P. RTE. 365                                 | SECTION (58&59) WRS-3 | COUNTY DuPAGE | TOTAL SHEETS 466 | SHEET NO. 300 |
| CONTRACT NO. 62420                              |                       |               |                  |               |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                       |               |                  |               |

REVISED 12-20-10 TS-17

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 | 5 | 6 |
|-----------------------------|---|---|---|---|
| MOVEMENT                    |   |   |   |   |

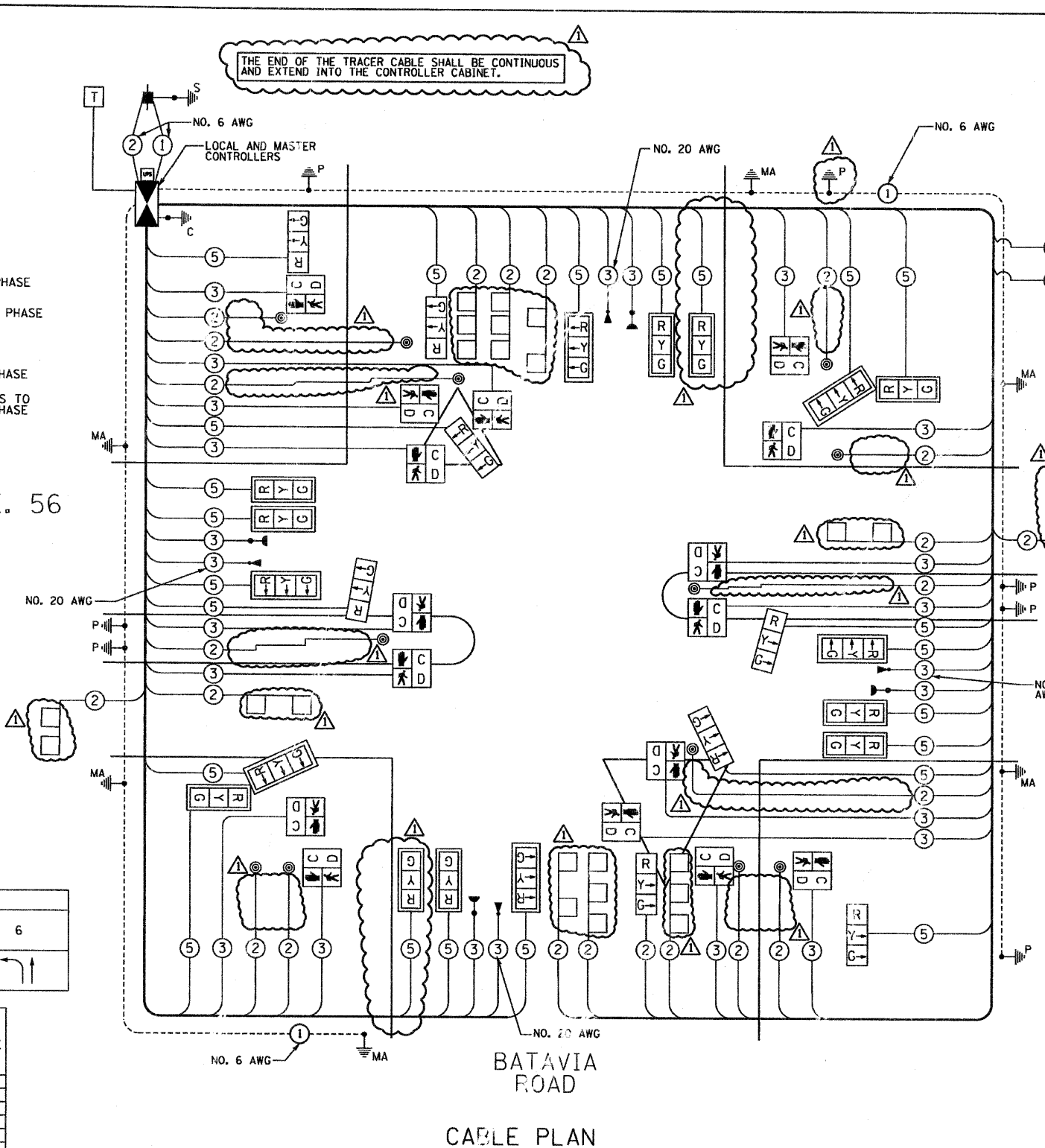
| TYPE             | NO. OF LAMPS | WATTAGE |                 | TOTAL WATTAGE |
|------------------|--------------|---------|-----------------|---------------|
|                  |              | INCAND. | LED % OPERATION |               |
| SIGNAL (RED)     | 24           | 135     | 17              | 204           |
| (YELLOW)         | 24           | 135     | 25              | 150           |
| (GREEN)          | 24           | 135     | 15              | 90            |
| ARROW            | 135          | 12      | 0.10            |               |
| PED. SIGNAL      | 16           | 90      | 25              | 400           |
| CONTROLLER       | 1            | 100     | 100             | 100           |
| ILLUM. SIGN      |              | 252     | 0.05            |               |
| FLASHER          |              |         | 0.50            |               |
| ENERGY COSTS TO: |              |         | TOTAL =         | 944           |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS / DISTRICT 1  
 201 WEST CENTER COURT / SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY CONTACT: MS. MIKKI WILLIAMS  
 PHONE: (630) 691-4721  
 COMPANY: COMED

FILE NAME = TS-22.dgn  
 PLOT DATE = 12/23/2010

**SPAAN Tech, Inc.**  
 311 S. Wacker Drive, Suite 2400  
 Chicago, IL 60606



CABLE PLAN

SCHEDULE OF QUANTITIES

| ITEM  | UNIT  | QUANTITY |
|---|-------|----------|
| SIGN PANEL - TYPE 1   | SQ FT | 55       |
| SIGN PANEL - TYPE 2   | SQ FT | 30       |
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL                              | FOOT  | 580      |
| CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL                          | FOOT  | 213      |
| CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL                              | FOOT  | 44       |
| CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL                          | FOOT  | 29       |
| CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL                              | FOOT  | 77       |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL                                 | FOOT  | 53       |
| CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL                                 | FOOT  | 991      |
| HANDHOLE  | EACH  | 6        |
| HEAVY-DUTY HANDHOLE   | EACH  | 2        |
| DOUBLE HANDHOLE   | EACH  | 4        |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK                                   | FOOT  | 922      |
| FULL-ACTUATED CONTROLLER AND TYPE V CABINET                               | EACH  | 1        |
| TRANSCIVER - FIBER OPTIC  | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                               | FOOT  | 1358     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                               | FOOT  | 6222     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                               | FOOT  | 6162     |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR                         | FOOT  | 2982     |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C                              | FOOT  | 28       |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.                              | EACH  | 3        |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.                              | EACH  | 4        |
| STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.                                  | EACH  | 2        |
| STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.                                  | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.                                  | EACH  | 2        |
| STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.                                  | EACH  | 1        |
| CONCRETE FOUNDATION, TYPE A   | FOOT  | 24       |
| CONCRETE FOUNDATION, TYPE C   | FOOT  | 4        |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                              | FOOT  | 20       |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                              | FOOT  | 43       |
| CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER                              | FOOT  | 21       |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED                     | EACH  | 16       |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED                      | EACH  | 4        |
| SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED                      | EACH  | 2        |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 6        |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 2        |
| PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 2        |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM                              | EACH  | 16       |
| INDUCTIVE LOOP DETECTOR   | EACH  | 10       |
| DETECTOR LOOP, TYPE I   | EACH  | 875      |
| LIGHT DETECTOR  | EACH  | 4*       |
| LIGHT DETECTOR AMPLIFIER  | EACH  | 1*       |
| PEDESTRIAN PUSH-BUTTON  | EACH  | 12       |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION                                     | EACH  | 1        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                                  | EACH  | 1        |
| REMOVE EXISTING HANDHOLE  | EACH  | 13       |
| REMOVE EXISTING CONCRETE FOUNDATION                                       | EACH  | 8        |
| TEMPORARY TRAFFIC SIGNAL TIMINGS  | EACH  | 1        |
| SERVICE INSTALLATION, POLE MOUNT  | EACH  | 1        |
| UNINTERRUPTIBLE POWER SUPPLY  | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C                             | FOOT  | 1497     |
| ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED                   | FOOT  | 1862     |

\* DENOTES 100% OF COST TO CITY OF WARRENVILLE

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN,  
 AND PHASE DESIGNATION DIAGRAM

IL ROUTE 56 (BUTTERFIELD ROAD) AND BATAVIA ROAD

REVISED 12-20-10

TS-18

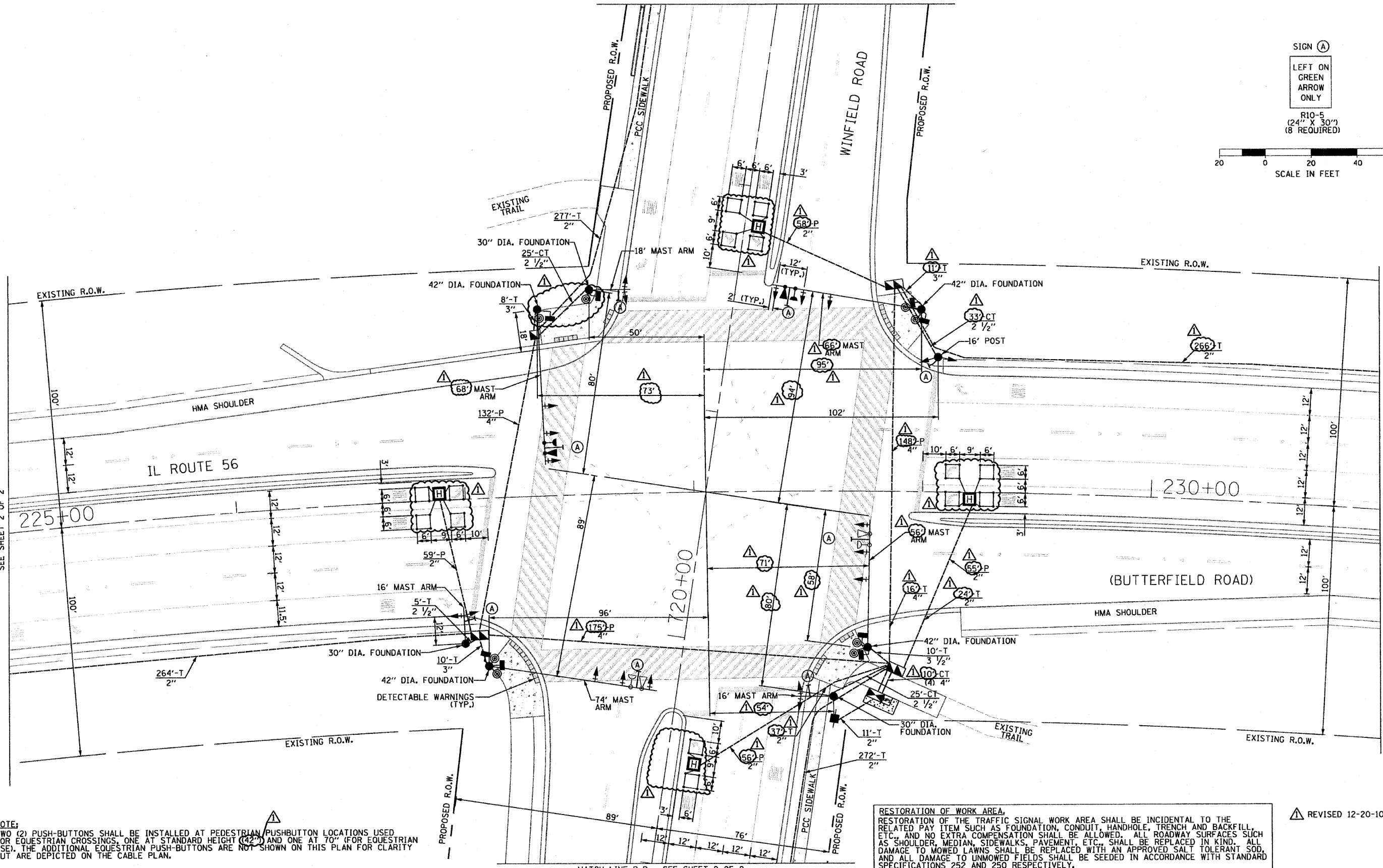
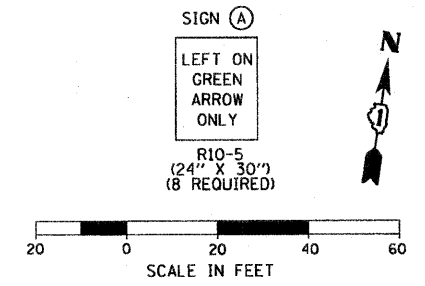
| F.A.P. RTE. | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------------|--------|--------------|-----------|
| 365         | (58&59) WRS-3 | DuPAGE | 466          | 301       |

CONTRACT NO. 62420

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

MATCH LINE A-A  
SEE SHEET 2 OF 2



**NOTE:**  
TWO (2) PUSH-BUTTONS SHALL BE INSTALLED AT PEDESTRIAN PUSHBUTTON LOCATIONS USED FOR EQUESTRIAN CROSSINGS, ONE AT STANDARD HEIGHT (42") AND ONE AT 70" (FOR EQUESTRIAN USE). THE ADDITIONAL EQUESTRIAN PUSH-BUTTONS ARE NOT SHOWN ON THIS PLAN FOR CLARITY BUT ARE DEPICTED ON THE CABLE PLAN.

**RESTORATION OF WORK AREA.**  
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISD 12-20-10

MATCH LINE B-B - SEE SHEET 2 OF 2

FILE NAME = TS-25.dgn  
PLOT DATE = 12/21/2010

**SPAAN Tech, Inc.**  
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Chicago, IL 60606  
312.277.8800  
312.277.8800  
www.SpaanTech.com

|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - R.A.S.     | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

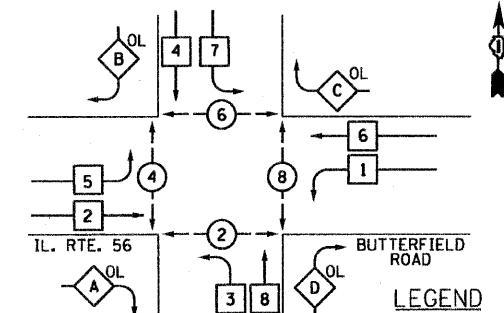
**TRAFFIC SIGNAL INSTALLATION PLAN**  
IL ROUTE 56 (BUTTERFIELD ROAD) AND WINFIELD ROAD - SHEET 1 OF 2  
SCALE: 1" = 20'  
SHEET NO. OF SHEETS STA. TO STA.

|   |               |        |                    |           |
|---|---------------|--------|--------------------|-----------|
| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 365   | (58&59) WRS-3 | DuPAGE | 466                | 305       |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        | CONTRACT NO. 62420 |           |

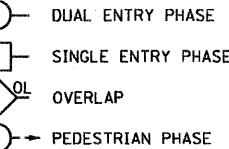
TS-22



PROPOSED CONTROLLER SEQUENCE



LEGEND

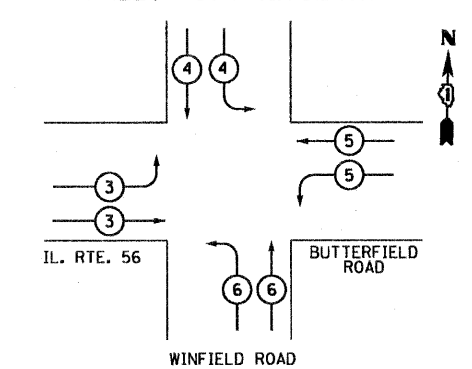


PHASE DESIGNATION DIAGRAM

|                |   |                  |   |                 |
|----------------|---|------------------|---|-----------------|
| OVERLAP LETTER | = | PERMISSIVE PHASE | + | PROTECTED PHASE |
| A              | = | 2                | + | 3               |
| B              | = | 4                | + | 5               |
| C              | = | 6                | + | 7               |
| D              | = | 8                | + | 1               |

NUMBER REFERS TO ASSOCIATED PHASE

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



| PROPOSED EMERGENCY VEHICLE PREEMPTORS |   |   |   |   |
|---------------------------------------|---|---|---|---|
| EMERGENCY VEHICLE PREEMPTOR           | 3 | 4 | 5 | 6 |
| MOVEMENT                              | ↘ | ↙ | ↗ | ↖ |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS |              |         |       |             | TOTAL WATTAGE |
|--|--------------|---------|-------|-------------|---------------|
| TYPE   | NO. OF LAMPS | INCAND. | LED % | % OPERATION |               |
| SIGNAL (RED)   | 20           | 135     | 17    | 0.50        | 170           |
| (YELLOW)   | 20           | 135     | 25    | 0.25        | 125           |
| (GREEN)  | 20           | 135     | 15    | 0.25        | 75            |
| ARROW  | 16           | 135     | 12    | 0.10        | 19.2          |
| PED. SIGNAL  | 8            | 90      | 25    | 1.00        | 200           |
| CONTROLLER   | 1            | 100     | 100   | 1.00        | 100           |
| ILLUM. SIGN  |              | 252     |       | 0.05        |               |
| FLASHER  |              |         |       | 0.50        |               |
| ENERGY COSTS TO:   |              |         |       | TOTAL =     | 689.2         |

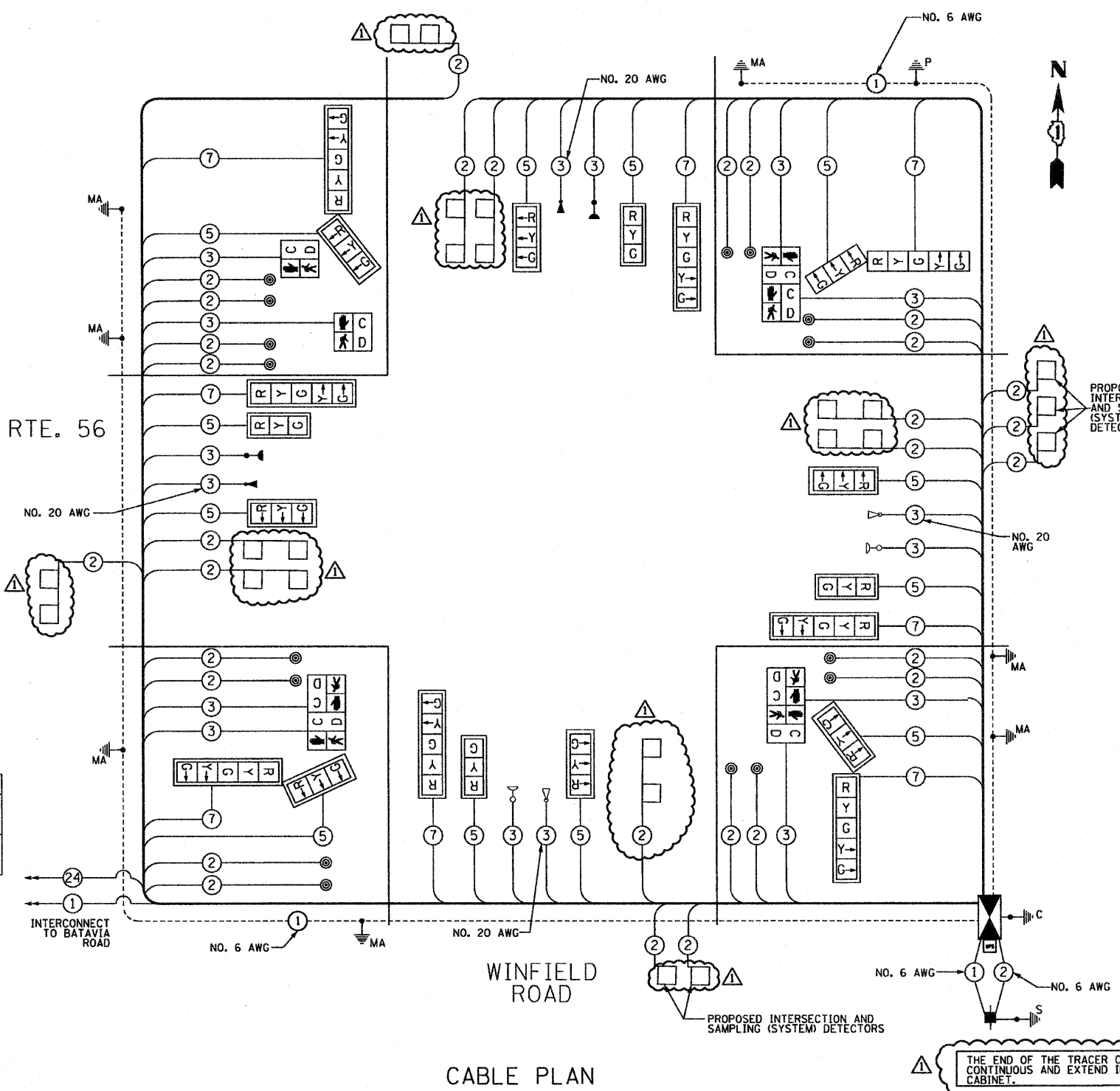
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS / DISTRICT 1  
 201 WEST CENTER COURT / SCHLAUMBURG, IL 60196-1096

ENERGY SUPPLY CONTACT: MS. MIKKI WILLIAMS  
 PHONE: (630) 691-4721  
 COMPANY: COMED

FILE NAME = TS-31.dgn  
 PLOT DATE = 12/21/2010

**SPAAN Tech, Inc.**  
 311 S. Wacker Drive, Suite 2400  
 Chicago, IL 60606

IL. RTE. 56



CABLE PLAN

SCHEDULE OF QUANTITIES

| ITEM  | UNIT  | QUANTITY |
|---|-------|----------|
| SIGN PANEL - TYPE 1   | SQ FT | 56.5     |
| SIGN PANEL - TYPE 2   | SQ FT | 30       |
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL                              | FOOT  | 1120     |
| CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL                          | FOOT  | 112      |
| CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL                              | FOOT  | 52       |
| CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL                          | FOOT  | 10       |
| CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL                              | FOOT  | 92       |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL                                 | FOOT  | 236      |
| CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL                                 | FOOT  | 601      |
| HANDHOLE  | EACH  | 3        |
| HEAVY-DUTY HANDHOLE   | EACH  | 6        |
| DOUBLE HANDHOLE   | EACH  | 3        |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK                                   | FOOT  | 1427     |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET                              | EACH  | 1        |
| TRANSCEIVER - FIBER OPTIC   | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                               | FOOT  | 3278     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                               | FOOT  | 2832     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                               | FOOT  | 3221     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                               | FOOT  | 2076     |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR                         | FOOT  | 4464     |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C                              | FOOT  | 32       |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 18 FT.                             | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.                                  | EACH  | 2        |
| STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.                                  | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.                                  | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.                                  | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.                                  | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 74 FT.                                  | EACH  | 1        |
| CONCRETE FOUNDATION, TYPE A   | FOOT  | 4        |
| CONCRETE FOUNDATION, TYPE C   | FOOT  | 4        |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                              | FOOT  | 30       |
| CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER                              | FOOT  | 96       |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED                     | EACH  | 11       |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED                     | EACH  | 7        |
| SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED       | EACH  | 1        |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 2        |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 3        |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM                              | EACH  | 16       |
| INDUCTIVE LOOP DETECTOR   | EACH  | 14       |
| DETECTOR LOOP, TYPE 1   | EACH  | 924      |
| LIGHT DETECTOR  | EACH  | 2**      |
| LIGHT DETECTOR AMPLIFIER  | EACH  | 1**      |
| PEDESTRIAN PUSH-BUTTON  | EACH  | 16       |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION                                     | EACH  | 1        |
| RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT        | EACH  | 2**      |
| RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT         | EACH  | 1**      |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                                  | EACH  | 1        |
| REMOVE EXISTING HANDHOLE  | EACH  | 12       |
| REMOVE EXISTING CONCRETE FOUNDATION                                       | EACH  | 9        |
| TEMPORARY TRAFFIC SIGNAL TIMINGS  | EACH  | 1        |
| SERVICE INSTALLATION, POLE MOUNT  | EACH  | 1        |
| UNINTERRUPTIBLE POWER SUPPLY  | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C                             | FOOT  | 986      |
| ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED                  | FOOT  | 1128     |

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

NOTE:  
 THE NEW EMERGENCY PREEMPTION EQUIPMENT TO BE INSTALLED AT THIS INTERSECTION MUST BE "OPTICOM" BRAND TO MATCH THE EXISTING EQUIPMENT TO REMAIN IN PLACE.

REVISED 12-20-10

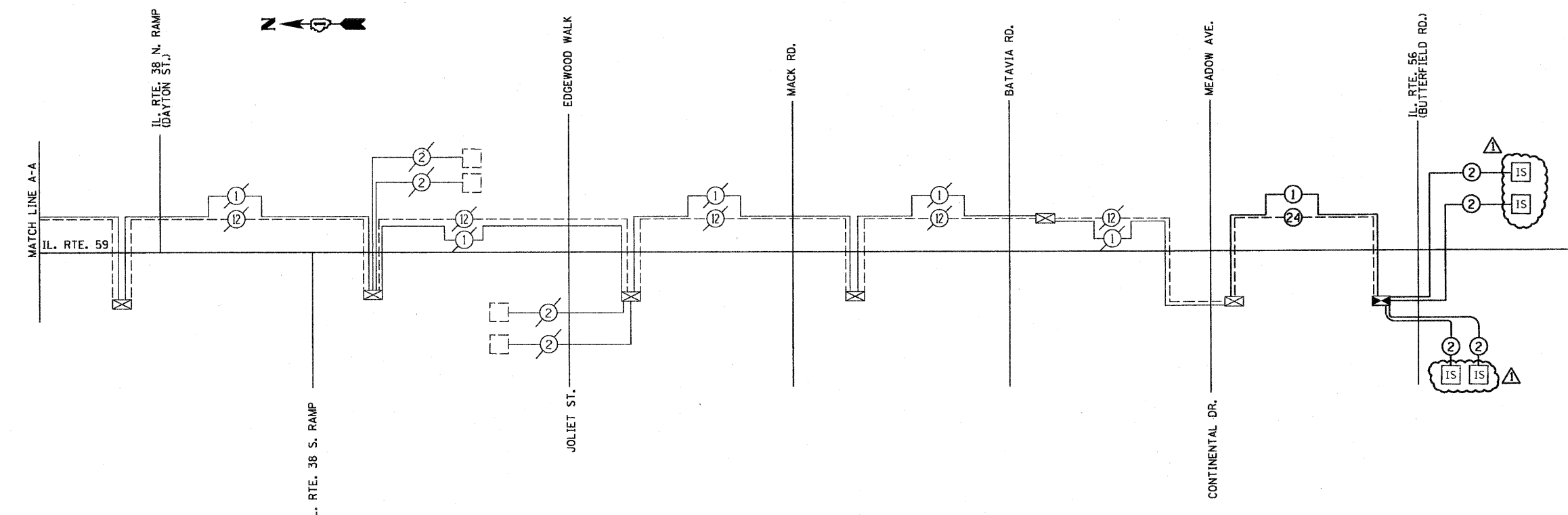
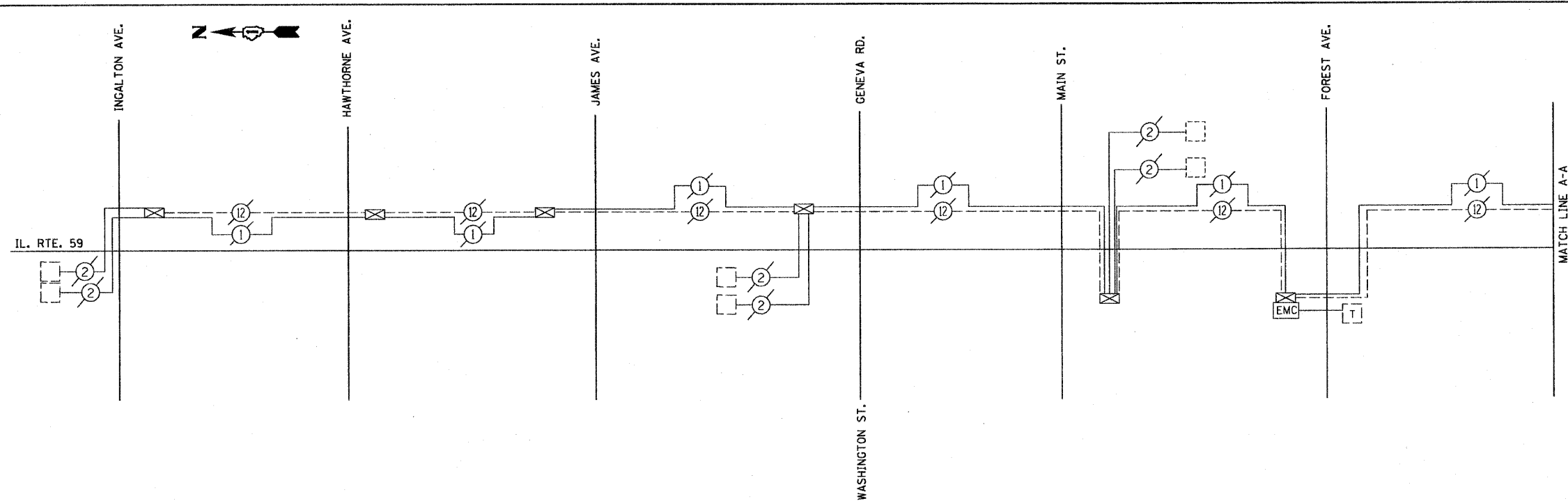
TS-24

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN,  
 AND PHASE DESIGNATION DIAGRAM  
 IL ROUTE 56 (BUTTERFIELD ROAD) AND WINFIELD ROAD

| F.A.P. RTE.        | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------------|--------|--------------|-----------|
| 365                | (58&59) WRS-3 | DuPAGE | 466          | 307       |
| CONTRACT NO. 62420 |               |        |              |           |

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.



**INTERCONNECT SCHEDULE OF QUANTITIES**

| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL            | FOOT | 357      |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK                 | FOOT | 357      |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION     | EACH | 1        |
| DRILL EXISTING HANDHOLE                                 | EACH | 1        |
| REMOVE ELECTRIC CABLE FROM CONDUIT                      | FOOT | 3500     |
| ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C             | FOOT | 2284     |
| RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL 1             | EACH | 1        |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F | FOOT | 2296     |

REVISED 12-20-10

TS-27

FILE NAME = TS-34.dgn  
PLOT DATE = 12/23/2010

**SPAAN Tech, Inc.**  
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|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - D.L.       | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

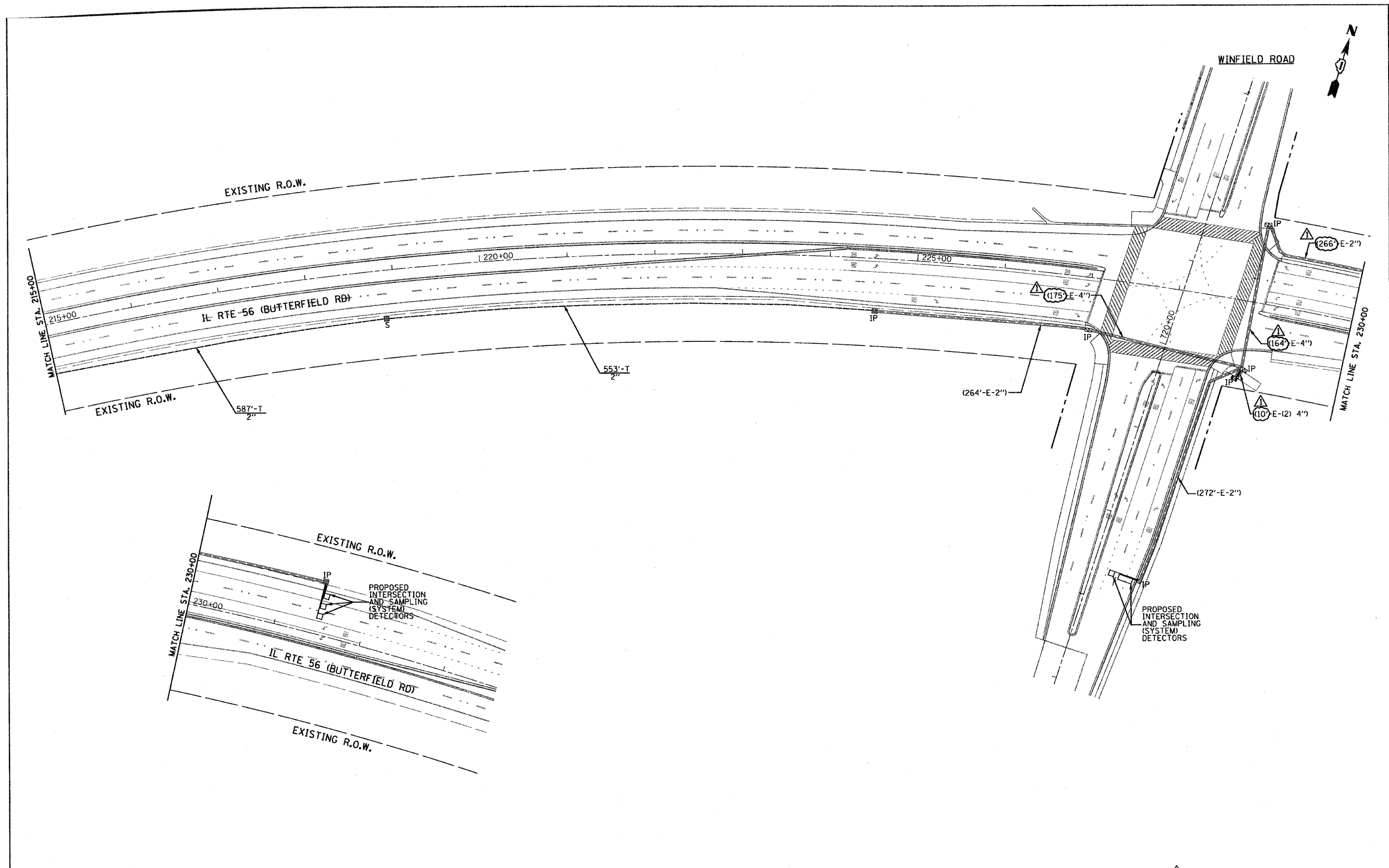
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES**

IL ROUTE 59  
IL ROUTE 56 (BUTTERFIELD ROAD) TO INGALTON AVENUE

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO.          |
|---|---------------|--------|--------------|--------------------|
| 365   | (58859) WRS-3 | DuPAGE | 466          | 310                |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        |              | CONTRACT NO. 62420 |



FILE NAME = D162428-ah-1-in-10-02.dgn  
 PLOT DATE = 12/23/2010

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 311 S. Wacker Drive, Suite 2400  
 Chicago, IL 60606  
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|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - R.A.S.     | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

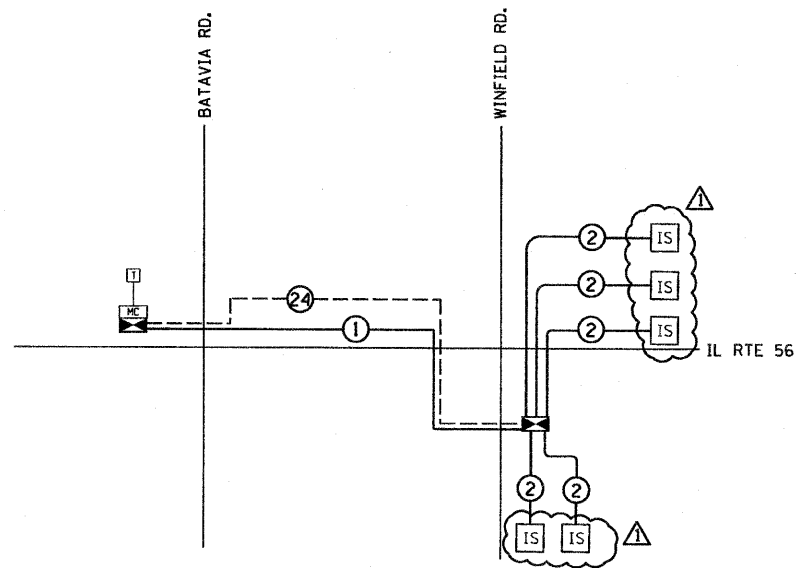
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN  
 IL RTE. 56 - BATAVIA ROAD TO WINFIELD ROAD**

SCALE: 1" = 50'    SHEET NO. 2 OF 2 SHEETS    STA. 215+00 TO STA. 230+00

REVISD 12-20-10    TS-29

| F.A.P. RTE.                                     | SECTION       | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------------|--------|--------------|-----------|
| 365   | (58&59) WRS-3 | DuPAGE | 466          | 312       |
| CONTRACT NO. 62420                              |               |        |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |               |        |              |           |



**INTERCONNECT SCHEDULE OF QUANTITIES**

| ITEM   | UNIT | QUANTITY |
|--|------|----------|
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL             | FOOT | 3111     |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL                | FOOT | 144      |
| CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL | FOOT | 224      |
| HANDHOLE   | EACH | 1        |
| HEAVY-DUTY HANDHOLE                                      | EACH | 5        |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK                  | FOOT | 3111     |
| MASTER CONTROLLER  | EACH | 1        |
| ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C              | FOOT | 4478     |
| OPTIMIZE TRAFFIC SIGNAL SYSTEM                           | EACH | 1        |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F  | FOOT | 4501     |

FILE NAME = IL 56 interconnect schematic.dgn  
 PLOT DATE = 12/23/2010

**SPAAN Tech, Inc.**  
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 www.spaanTech.com

|                    |           |
|--------------------|-----------|
| DESIGNED - R.A.S.  | REVISED - |
| DRAWN - D.L.       | REVISED - |
| CHECKED - A.D.O.   | REVISED - |
| DATE - AUGUST 2010 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES**

IL ROUTE 56  
 BATAVIA ROAD TO WINFIELD ROAD

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

REVISED 12-20-10

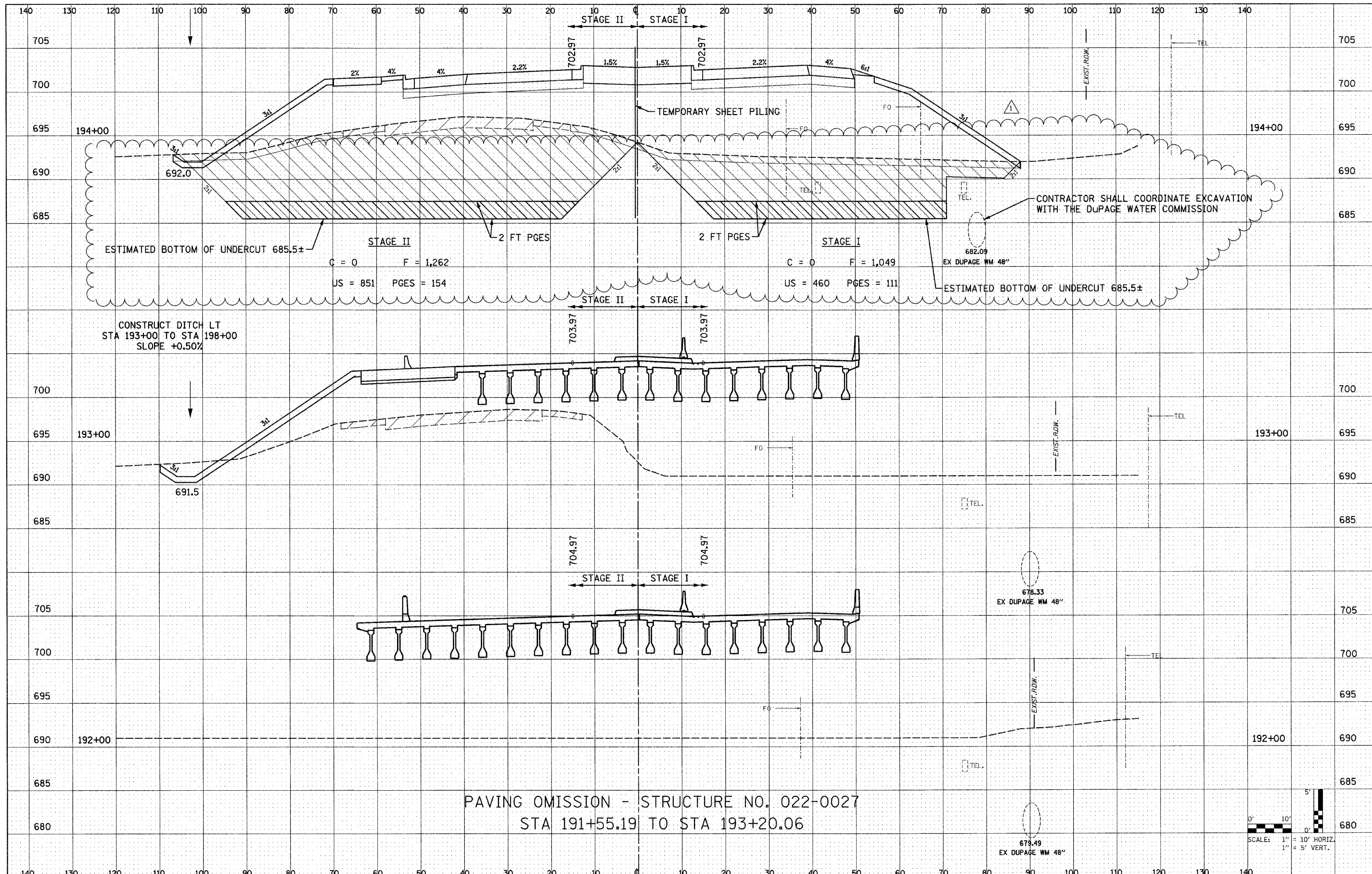
TS-30

| F.A.P. RTE.        | SECTION       | COUNTY | TOTAL SHEETS                                    | SHEET NO. |
|--------------------|---------------|--------|---|-----------|
| 365                | (58&59) WRS-3 | DUPAGE | 466   | 313       |
| CONTRACT NO. 62420 |               |        | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |           |



|          |      |
|----------|------|
| BY       | DATE |
| SURVEY   |      |
| PLOTTED  |      |
| TEMPLATE |      |
| AREAS    |      |
| CHECKED  |      |
| NO.      |      |

|          |      |
|----------|------|
| BY       | DATE |
| ORIGINAL |      |
| SURVEY   |      |
| PLOTTED  |      |
| TEMPLATE |      |
| AREAS    |      |
| CHECKED  |      |
| NO.      |      |



FILE NAME = D162420-sht-xxsht.dgn  
 PLOT DATE = 12/29/2010  
 PLOT SCALE = 1/8" = 10' / IN.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
 ENGINEERS-PLANNERS-SURVEYORS  
 211 WEST WACKER DRIVE  
 CHICAGO, ILLINOIS 60606  
 PHONE: (312)372-2023 FAX: (312)372-5274

|          |                    |         |   |                       |
|----------|--------------------|---------|---|-----------------------|
| DESIGNED | - S.J.P.           | REVISED | 1 | ADDENDUM 1 12-28-2010 |
| DRAWN    | - W.A.M.           | REVISED | - |                       |
| CHECKED  | - M.P.             | REVISED | - |                       |
| DATE     | - DECEMBER 3, 2010 | REVISED | - |                       |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**IL. RTE. 56**  
 SCALE: NONE SHEET NO. 45 OF 74 SHEETS STA. TO STA.

|                    |               |        |   |           |
|--------------------|---------------|--------|---|-----------|
| F.A.P. RTE.        | SECTION       | COUNTY | TOTAL SHEETS                                    | SHEET NO. |
| 365                | (58&59) WRS-3 | DUPAGE | 466   | 382       |
| CONTRACT NO. 62420 |               |        | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |           |

