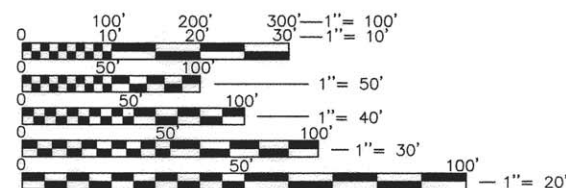


07-29-2016 LETTING ITEM 092

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY  
WEST BRANCH REGIONAL TRAIL  
WINFIELD MOUNDS TO DuPAGE WOODS  
PROJECT No.: TE-01D1 (053)  
SECTION No.: 12-F3000-11-BT  
JOB No.: C-91-294-14  
FOREST PRESERVE DISTRICT OF DUPAGE COUNTY

FOR INDEX OF STATE HIGHWAY STANDARDS  
SEE SHEET NO. 2  
PROJECT LOCATED IN THE VILLAGE OF WINFIELD



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

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

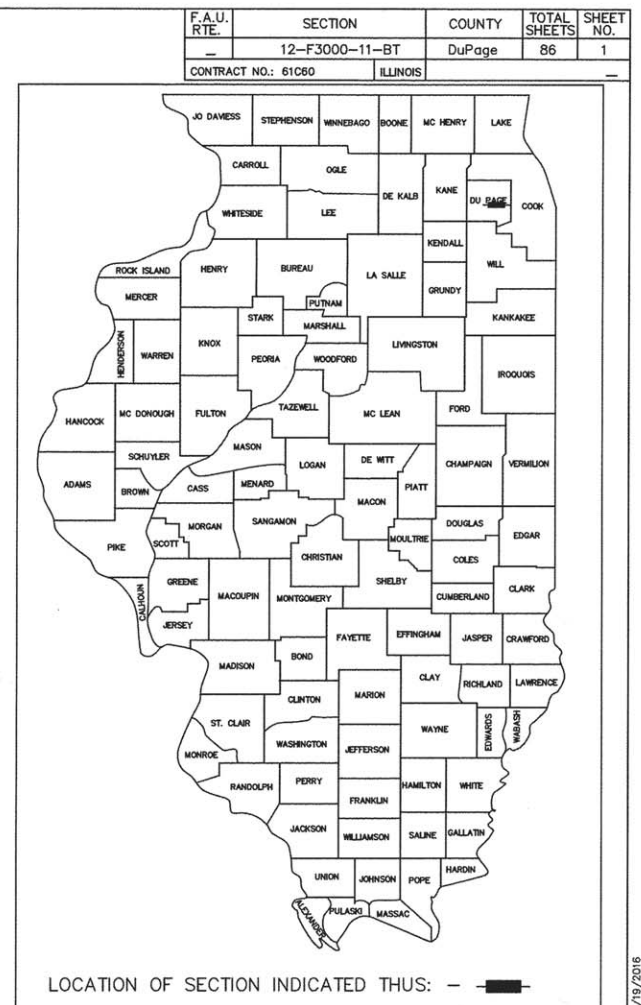
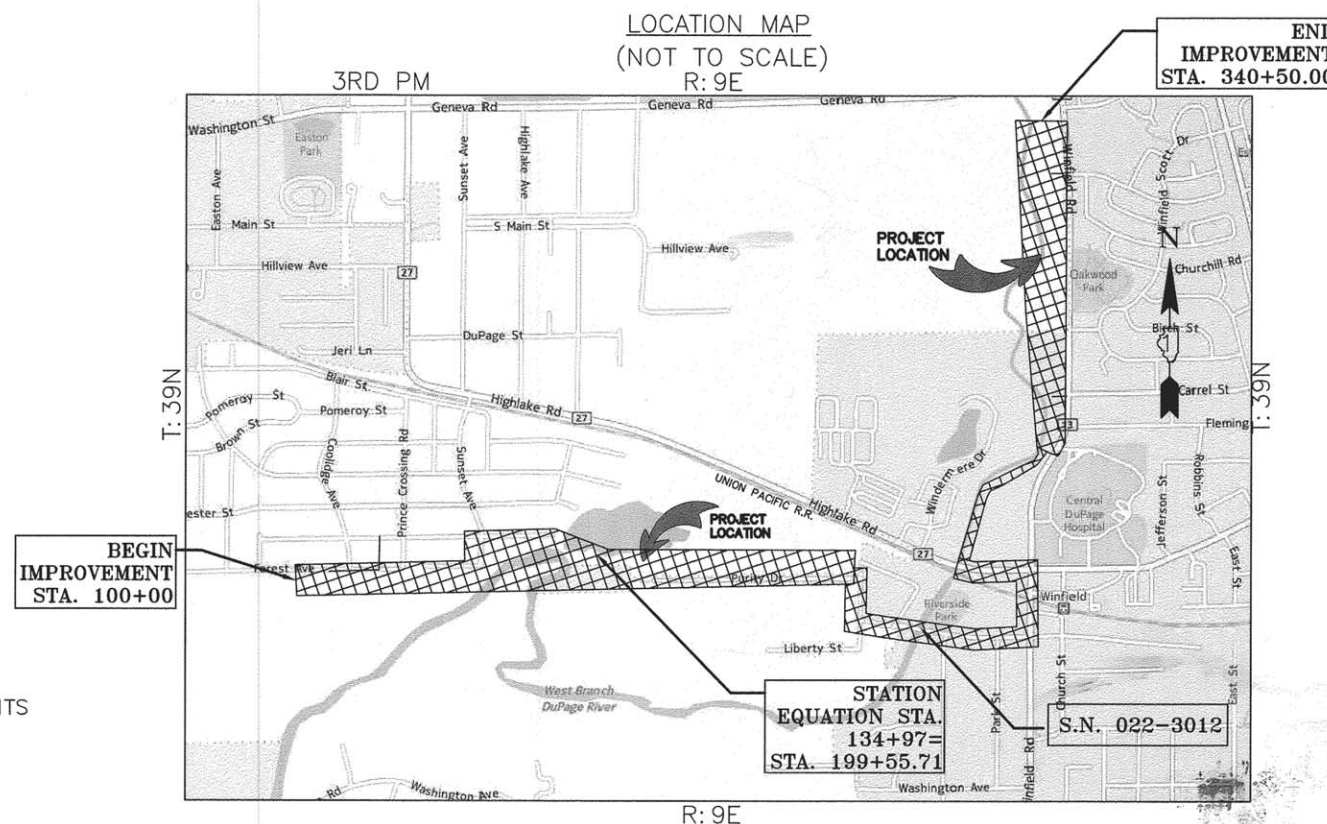
PROJECT MANAGER:  
PROJECT ENGINEER:

CONTRACT NO. 61C60



ENGINEERING RESOURCE ASSOC., INC.  
CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS  
38701 WEST AVENUE, SUITE 150  
WARRENVILLE, ILLINOIS 60555  
PHONE (630) 393-3060 FAX (630) 393-2152  
Professional Design Firm No. 184-001186  
Expires April 30, 2017

WINFIELD TOWNSHIP/VILLAGE OF WINFIELD  
GROSS LENGTH OF IMPROVEMENT = 16,730 LF (3.1 MILES)  
NET LENGTH OF IMPROVEMENT = 16,730 LF (3.1 MILES)



LOCATION OF SECTION INDICATED THUS: — ■ —

| STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF HIGHWAYS                                                                     |                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| APPROVED                                                                                                                                      | <i>[Signature]</i><br>JESSICA ORANGE<br>DuPAGE COUNTY FOREST PRESERVE DISTRICT                      |
| COURT BARRETT, VILLAGE MANAGER<br><i>[Signature]</i><br>VILLAGE OF WINFIELD                                                                   |                                                                                                     |
| PASSED                                                                                                                                        | MAY 24, 2016<br><i>[Signature]</i> CHRISTOPHER HOLT<br>DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS |
| MAY 26, 16<br><i>[Signature]</i> JOHN FORTMAN<br>DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER                                               |                                                                                                     |
| <br>PRINTED BY THE AUTHORITY<br>OF THE STATE OF ILLINOIS |                                                                                                     |

|           |                                                                      |    |      |
|-----------|----------------------------------------------------------------------|----|------|
| PLAN      | SURVEYED                                                             | BY | DATE |
|           | PLOTTED<br>ALIGNMENT CHECKED<br>RT. OF WAY CHECKED<br>CADD FILE NAME |    |      |
| NOTE BOOK |                                                                      |    |      |
| NO. _____ |                                                                      |    |      |

- | PROFILE   |                                   | BY | DATE |
|-----------|-----------------------------------|----|------|
| NOTE BOOK | SURVEYED _____                    |    |      |
|           | PLOTTED _____                     |    |      |
|           | GRADES CHECKED _____              |    |      |
|           | B.M. NOTED _____                  |    |      |
| NO. _____ | STRUCTURE NOTATIONS CHECKED _____ |    |      |

|                                                              | EXISTING  | PROPOSED  |
|--------------------------------------------------------------|-----------|-----------|
| CURB & GUTTER                                                | =====     | =====     |
| BARRIER CURB                                                 | =====     | =====     |
| EDGE OF PAVEMENT                                             | -----     | -----     |
| STORM SEWER                                                  | —▷—▷—     | —▶▶▶▶—    |
| DRAIN TILE                                                   | —▷▷—▷▷—   | —▶▶▶▶▶▶—  |
| SILT FENCE                                                   |           | —XX—XX—   |
| DUAL ROW SILT FENCE                                          |           | —XX—XX—   |
| PERIMETER EROSION BARRIER<br>(SPECIAL) (COMPOST FILTER SOCK) |           | —■—■—     |
| TEMPORARY FENCE                                              |           | —○—○—     |
| WATER                                                        | — W —     | — W-XX —  |
| OVERHEAD WIRE                                                | — OH —    | — OH —    |
| 10-YR FLOODPLAIN                                             | — 10YR —  | — 10YR —  |
| 100-YR FLOODPLAIN                                            | — 100YR — | — 100YR — |
| FLOODWAY                                                     | — FW —    |           |
| CONTOUR                                                      | — 700 —   | — 700 —   |
| MANHOLE                                                      | ⊙         | ⊙         |
| CATCH BASIN                                                  | ○         | ●         |
| INLET                                                        | □         | ■         |
| STEEL END SECTION                                            | ▷         | ▶         |
| CONC END. SECTION                                            | ▱         | ▱         |
| VALVE & VAULT                                                | ⊗         | ⊗         |
| VALVE & BOX                                                  | ⊗         | ⊗         |
| BUFFALO BOX                                                  | ⊗         | ⊗         |
| HYDRANT                                                      | ⊗         | ⊗         |
| HANDHOLE                                                     | ▣         | ▣         |
| UTILITY PEDESTAL                                             | □ PED     | □ PED     |
| UTILITY POLE                                                 | ○         | ○         |
| UTILITY POLE W/STREET LIGHT                                  | ○         | ●         |
| STREET LIGHT                                                 | ○         | ●         |
| STREET LIGHT CONTROLLER                                      | ⊠         |           |
| MAIL BOX                                                     | P         |           |
| SIGN                                                         | ⌒         | ●         |
| FENCE                                                        | — X — X — | — X — X — |
| TREE REMOVAL                                                 |           | ⊗         |
| TREE TRUNK PROTECTION                                        |           | ⊗         |
| TREE(DECIDUOUS)                                              | ⊗         | ⊗         |
| TREE(CONIFEROUS)                                             | ⊗         | ⊗         |
| ROCK OUTLET PROTECTION                                       |           | ⊗         |
| STABILIZED CONSTRUCTION ENTRANCE                             |           | ⊗         |
| WETLAND                                                      | ⊗         | ⊗         |
| WETLAND BUFFER                                               | ⊗         | ⊗         |
| AGGREGATE TRAIL                                              |           | ⊗         |
| ASPHALT TRAIL                                                |           | ⊗         |
| BOARDWALK TRAIL                                              |           | ⊗         |

| <u>SHEET NO.</u> | <u>SHEET DESCRIPTION</u> |
|------------------|--------------------------|
|------------------|--------------------------|

1. COVER SHEET
2. GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES
- 4.-6. TYPICAL SECTIONS & LEGEND
- 7.-13. ALIGNMENT PLAN
14. SHEET KEY PLAN
- 15.-19. PATH PLAN & PROFILES
- 20.-21. PROPOSED ON-STREET ALIGNMENT PLAN
- 22.-29. PATH PLAN & PROFILES
- 30.-37. PROPOSED ON-STREET ALIGNMENT PLAN
- 38.-51. PATH PLAN & PROFILES
- 52.-59. PLANTING PLAN
- 60.,61. CONSTRUCTION DETAILS
62. EROSION CONTROL DETAILS
63. LANDSCAPING DETAILS
- 64.-72. STRUCTURAL DETAILS
73. CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
74. BUTT JOINT AND HMA TAPER DETAILS (BD-32)
75. TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)
76. DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
- 77.-86. CROSS SECTIONS

|           |                                                           |
|-----------|-----------------------------------------------------------|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS              |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS                         |
| 542001-06 | CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA. |
| 542401-02 | END SECTION, METAL, FOR PIPE CULVERT                      |
| 602401-03 | MANHOLE, TYPE A                                           |
| 604001-04 | TYPE 1 FRAME AND LIDS                                     |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION                |
| 701901-05 | TRAFFIC CONTROL DEVICES                                   |
| 701001-02 | OFF-ROAD OPERATIONS: 2L 2W, 15 FT. FROM PAVEMENT EDGE     |
| 701006-05 | OFF-ROAD OPERATIONS: 2L 2W, MORE THAN 15 FT. AWAY         |
| 701501-06 | LANE CLOSURE, URBAN: 2L 2W, UNDIVIDED                     |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE                     |
| 701301-04 | LANE CLOSURE, 2L, 2W: SHORT TIME OPERATIONS               |
| 720006-04 | SHOULDER: SIGN PANEL, ERECTION DETAILS                    |
| 720001-01 | SHOULDER: SIGN PANEL, MOUNTING DETAILS                    |
| 720011-01 | POSTS, METAL, FOR SIGNS, MARKERS AND DELINEATORS          |
| 729001-01 | POSTS, METAL, APPLICATIONS FOR TYPE A AND B               |
| 780001-05 | TYPICAL PAVEMENT MARKINGS                                 |



**ENGINEERING  
RESOURCE  
ASSOCIATES, INC.**  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

|          |   |           |
|----------|---|-----------|
| DESIGNED | — | AK        |
| DRAWN    | — | RT        |
| CHECKED  | — | JM        |
| DATE     | — | June 2016 |

|         |      |             |
|---------|------|-------------|
| REVISED | DATE | DESCRIPTION |
| REVISED | DATE | DESCRIPTION |
| REVISED | DATE | DESCRIPTION |
| REVISED | DATE | DESCRIPTION |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|               |                         |              |
|---------------|-------------------------|--------------|
| SCALE: N.T.S. | SHEET NO. 1 OF 1 SHEETS | STA. TO STA. |
|---------------|-------------------------|--------------|

|                       |                |                           |                 |              |
|-----------------------|----------------|---------------------------|-----------------|--------------|
| F.A.U.<br>RTE.        | SECTION        | COUNTY                    | TOTAL<br>SHEETS | SHEET<br>NO. |
| —                     | 12-F3000-II-BT | DUPAGE                    | 86              | 2            |
|                       |                | CONTRACT NO. 61C60        |                 |              |
| FED. ROAD DIST. NO. — |                | ILLINOIS FED. AID PROJECT |                 |              |



|           |                          |          |            |
|-----------|--------------------------|----------|------------|
| PLAN      | SURVEYED _____           | BY _____ | DATE _____ |
| NOTE BOOK | PLOTTED _____            |          |            |
| NO. _____ | ALIGNMENT CHECKED _____  |          |            |
|           | RT. OF WAY CHECKED _____ |          |            |
|           | CADD FILE NAME _____     |          |            |

|           |                                 |          |            |
|-----------|---------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                  | BY _____ | DATE _____ |
|           | PLOTTED _____                   |          |            |
| NOTE BOOK | GRADES CHECKED _____            |          |            |
|           | B.M. NOTED _____                |          |            |
| NO. _____ | STRUCTURE NOTATIONS CH'KD _____ |          |            |

| Specialty Item | Code Number | Item                                            | Unit of Measure | Quantity | Funding 100% Local |
|----------------|-------------|-------------------------------------------------|-----------------|----------|--------------------|
| *              | 20100110    | TREE REMOVAL (6 TO 15 UNITS DIAMETER)           | UNIT            | 4,680    |                    |
| *              | 20100210    | TREE REMOVAL (OVER 15 UNITS DIAMETER)           | UNIT            | 1,800    |                    |
|                | 20101000    | TEMPORARY FENCE                                 | FOOT            | 9,850    |                    |
| *              | 20101100    | TREE TRUNK PROTECTION                           | EACH            | 190      |                    |
| *              | 20101200    | TREE ROOT PRUNING                               | EACH            | 190      |                    |
| ☼              | 20101350    | TREE PRUNING (OVER 10 INCH DIAMETER)            | EACH            | 190      |                    |
|                | 20200100    | EARTH EXCAVATION                                | CU YD           | 4,200    |                    |
|                | 20201200    | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL     | CU YD           | 4,000    |                    |
|                | 20700110    | POROUS GRANULAR EMBANKMENT                      | TON             | 1,000    |                    |
|                | 21001000    | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION    | SQ YD           | 11,950   |                    |
|                | 21101505    | TOPSOIL EXCAVATION AND PLACEMENT                | CU YD           | 5,700    |                    |
| ☼              | 25000210    | SEEDING, CLASS 2A                               | ACRE            | 0.25     |                    |
| ☼              | 25000750    | MOWING                                          | ACRE            | 6.25     |                    |
| ☼              | 25100630    | EROSION CONTROL BLANKET                         | SQ YD           | 10,840   |                    |
|                | 28000400    | PERIMETER EROSION BARRIER ( 4' X 2')            | FOOT            | 14,790   |                    |
|                | 28000500    | INLET AND PIPE PROTECTION                       | EACH            | 28       |                    |
|                | 28100105    | STONE RIPRAP, CLASS A3                          | SQ YD           | 190      |                    |
|                | 28100107    | STONE RIPRAP, CLASS A4                          | SQ YD           | 124      |                    |
|                | 35101600    | AGGREGATE BASE COURSE, TYPE B 4"                | SQ YD           | 250      |                    |
|                | 35101800    | AGGREGATE BASE COURSE, TYPE B 6"                | SQ YD           | 9,600    |                    |
|                | 35102000    | AGGREGATE BASE COURSE, TYPE B 8"                | SQ YD           | 2,085    |                    |
| 35102400       | 35102400    | AGGREGATE BASE COURSE, TYPE B 12"               | SQ YD           | 370      |                    |
|                | 35300300    | PORTLAND CEMENT CONCRETE BASE COURSE 8"         | SQ YD           | 35       |                    |
|                | 40600275    | BITUMINOUS MATERIALS (PRIME COAT)               | POUND           | 1025     |                    |
|                | 40650290    | BITUMINOUS MATERIALS (TACK COAT)                | POUND           | 360      |                    |
|                | 40603080    | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50     | TON             | 105      |                    |
|                | 40603335    | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50    | TON             | 450      |                    |
|                | 42400200    | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH        | SQ FT           | 2,250    |                    |
|                | 42400410    | PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH        | SQ FT           | 500      |                    |
|                | 44000100    | PAVEMENT REMOVAL                                | SQ YD           | 451      |                    |
|                | 44000157    | HOT-MIX ASPHALT SURFACE REMOVAL, 2"             | SQ YD           | 355      |                    |
|                | 44000500    | COMBINATION CURB AND GUTTER REMOVAL             | FOOT            | 150      |                    |
|                | 44000600    | SIDEWALK REMOVAL                                | SQ FT           | 650      |                    |
|                | 50200100    | STRUCTURE EXCAVATION                            | CU YD           | 172      |                    |
|                | 50300225    | CONCRETE STRUCTURES                             | CU YD           | 73       |                    |
|                | 50800105    | REINFORCEMENT BARS                              | POUND           | 8510     |                    |
| ☼              | 50900805    | PEDESTRIAN RAILING                              | FOOT            | 190      |                    |
|                | 51201400    | FURNISHING STEEL PILES HP10X42                  | FOOT            | 551      |                    |
|                | 51202305    | DRIVING PILES                                   | FOOT            | 551      |                    |
|                | 51203400    | TEST PILE STEEL HP10X42                         | EACH            | 2        |                    |
|                | 51204650    | PILE SHOES                                      | EACH            | 31       |                    |
|                | 51500100    | NAME PLATES                                     | EACH            | 1        |                    |
|                | 54213867    | STEEL END SECTIONS 12"                          | EACH            | 38       |                    |
|                | 54213870    | STEEL END SECTIONS 15"                          | EACH            | 7        |                    |
|                | 54213873    | STEEL END SECTIONS 18"                          | EACH            | 12       |                    |
|                | 54261333    | CONCRETE END SECTION, STANDARD 542001, 33", 1:3 | EACH            | 1        |                    |

| Specialty Item | Code Number | Item                                                                                                         | Unit of Measure | Quantity | Funding 100% Local |
|----------------|-------------|--------------------------------------------------------------------------------------------------------------|-----------------|----------|--------------------|
|                | 55080050    | STORM SEWERS, CLASS B, TYPE 1 12"                                                                            | FOOT            | 735      |                    |
|                | 55080070    | STORM SEWERS, CLASS B, TYPE 1 15"                                                                            | FOOT            | 154      |                    |
|                | 55080090    | STORM SEWERS, CLASS B, TYPE 1 18"                                                                            | FOOT            | 120      |                    |
|                | 56400400    | FIRE HYDRANTS TO BE RELOCATED                                                                                | EACH            | 1        |                    |
|                | 60218400    | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME CLOSED LID                                                       | EACH            | 1        |                    |
|                | 60603800    | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12                                                            | FOOT            | 150      |                    |
|                | 67100100    | MOBILIZATION                                                                                                 | LSUM            | 1        |                    |
|                | 70102620    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501                                                              | LSUM            | 1        |                    |
|                | 70102635    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701                                                              | LSUM            | 1        |                    |
|                | 70102640    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801                                                              | LSUM            | 1        |                    |
|                | 72000100    | SIGN PANEL - TYPE 1                                                                                          | SQ FT           | 150      |                    |
|                | 72900100    | METAL POST - TYPE A                                                                                          | FOOT            | 310      |                    |
|                | 78001100    | PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS                                                                 | SQ FT           | 200      |                    |
|                | 78001110    | PAINT PAVEMENT MARKING - LINE 4"                                                                             | FOOT            | 355      |                    |
|                | K0029614    | WEED CONTROL, AQUATIC                                                                                        | GALLON          | 1        |                    |
|                | K1004572    | PRAIRIE SEEDING (SPECIAL)                                                                                    | ACRE            | 1.25     |                    |
|                | K1005421    | SEEDING (SPECIAL)                                                                                            | ACRE            | 0.25     |                    |
|                | K1005428    | SEEDING, SEDGE MEADOW MIX                                                                                    | ACRE            | 3.50     |                    |
|                | X0322508    | PEDESTRIAN TRUSS SUPERSTRUCTURE                                                                              | SQ FT           | 1120     |                    |
|                | X0327979    | PAVEMENT MARKING REMOVAL - CHALK LINE                                                                        | SQ FT           | 16       |                    |
|                | X0358005    | FOLD DOWN BOLLARDS                                                                                           | EACH            | 2        |                    |
|                | X2800400    | PERIMETER EROSION BARRIER (SPECIAL)                                                                          | FOOT            | 6,500    |                    |
|                | X0000882    | WOOD FENCE                                                                                                   | FOOT            | 40       |                    |
|                | X0000882    | SEEDING, CLASS 2 SPECIAL                                                                                     | ACRE            | 1.00     |                    |
|                | X0006983    | CLEARING                                                                                                     | ACRE            | 10.5     |                    |
|                | X0008287    | BOARDWALK STRUCTURE                                                                                          | SQ FT           | 9540     |                    |
|                | X0008873    | AGGREGATE SURFACE COURSE (SPECIAL)                                                                           | TON             | 865      |                    |
|                | Z0013797    | STABILIZED CONSTRUCTION ENTRANCE                                                                             | SQ YD           | 720      |                    |
|                | Z0076660    | TRAINEES                                                                                                     | Hour            | 1000     |                    |
|                | Z0013798    | CONSTRUCTION LAYOUT                                                                                          | LSUM            | 1        |                    |
|                | Z0076660    | TRAINEES TRAINING PROGRAM GRADUATE                                                                           | Hour            | 1000     |                    |
|                | X0009108    | TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), CONTAINER GROWN, 5-GALLON (ROOT PRODUCTION METHOD), SPECIAL  | EACH            | 9        |                    |
|                | X0009109    | TREE, CARYA OVATA (SHAGBARK HICKORY), CONTAINER GROWN, 5-GALLON (ROOT PRODUCTION METHOD), SPECIAL            | EACH            | 2        |                    |
|                | X0009110    | TREE, CELTIS OCCIDENTALIS (HACKBERRY), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL          | EACH            | 6        |                    |
|                | X0009111    | TREE, JUGLANS NIGRA (BLACK WALNUT), CONTAINER GROWN, 5-GALLON (ROOT PRODUCTION METHOD), SPECIAL              | EACH            | 3        |                    |
|                | X0009112    | TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL | EACH            | 11       |                    |
|                | X0009113    | TREE, QUERCUS ALBA (WHITE OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL                 | EACH            | 1        |                    |
|                | X0009114    | TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL        | EACH            | 11       |                    |
|                | X0009115    | TREE, QUERCUS MACROCARPA (BUR OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL             | EACH            | 4        |                    |
|                | X0009116    | TREE, QUERCUS RUBRA (RED OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL                  | EACH            | 4        |                    |
|                | X0009117    | TREE, CERIS CANADENSIS (EASTERN REDBUD), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL        | EACH            | 14       |                    |
|                | X0009118    | TREE, SALIX NIGRA (BLACK WILLOW), CONTAINER GROWN, 5-GALLON (ROOT PRODUCTION METHOD), SPECIAL                | EACH            | 14       |                    |
|                | X0009119    | SHRUB, MORPHA FRUTICOSA (INDIGO BUSH), CONTAINER GROWN, 5-GALLON, SPECIAL                                    | EACH            | 26       |                    |
|                | X0009120    | SHRUB, ARONIA PRUNIFOLIA (PURPLE CHOKEBERRY), CONTAINER GROWN, 5-GALLON, SPECIAL                             | EACH            | 38       |                    |
|                | X0009121    | SHRUB, CORNUS OBLIQUA (BLUE-FRUITED DOGWOOD), CONTAINER GROWN, 5-GALLON, SPECIAL                             | EACH            | 17       |                    |
|                | X0009122    | SHRUB, CORNUS STOLONIFERA (RED-OSIER DOGWOOD), CONTAINER GROWN, 5-GALLON, SPECIAL                            | EACH            | 29       |                    |
|                | X0009123    | SHRUB, VIBURNUM LENTAGO (NANNYBERRY), CONTAINER GROWN, 5-GALLON, SPECIAL                                     | EACH            | 26       |                    |
|                | X0009124    | CHAIN LINK FENCE SLATS                                                                                       | FOOT            | 880      |                    |

Δ 0042



|            |                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------|
| USER NAME  | =akustusch                                                                                                                      |
| FILE NAME  | =W:\DuPage County Forest Preserve\120607<br>West Branch Regional Trail\120607.FD Phase II<br>engineering\CAUD\120607.FD General |
| PLOT SCALE | =1:2000                                                                                                                         |
| PLOT DATE  | =5/17/2016                                                                                                                      |

|          |   |          |
|----------|---|----------|
| DESIGNED | — | AK       |
| DRAWN    | — | RT       |
| CHECKED  | — | JM       |
| DATE     | — | May 2016 |

|         |   |            |
|---------|---|------------|
| REVISED | — | 04/21/2016 |
| REVISED | — | _____      |
| REVISED | — | _____      |
| REVISED | — | _____      |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

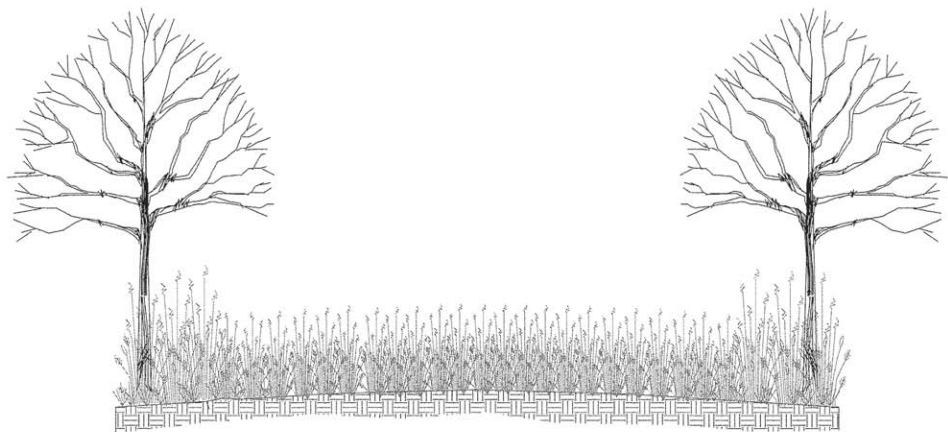
## SUMMARY OF QUANTITIES

|        |                         |
|--------|-------------------------|
| SCALE: | SHEET NO. 1 OF 1 SHEETS |
|--------|-------------------------|

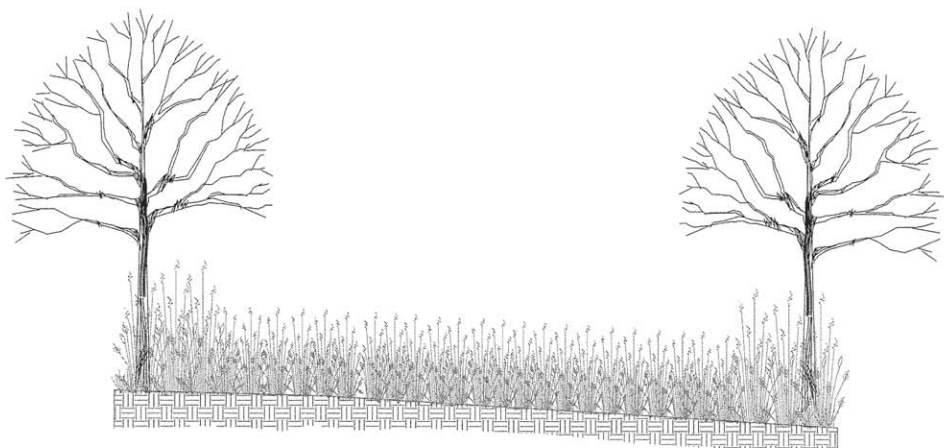
|                       |                |                    |                 |              |
|-----------------------|----------------|--------------------|-----------------|--------------|
| F.A.<br>RTE.          | SECTION        | COUNTY             | TOTAL<br>SHEETS | SHEET<br>NO. |
|                       | 12-F3000-II-BT | DUPAGE             | 86              | 3            |
|                       |                | CONTRACT NO. 61C60 |                 |              |
| FED. ROAD DIST. NO. 1 | ILLINOIS       | FED. AID PROJECT   |                 |              |

| PLAN     | DATE | BY |
|----------|------|----|
| SURVEYED |      |    |
| PLOTTED  |      |    |
| NOTED    |      |    |
| NO.      |      |    |

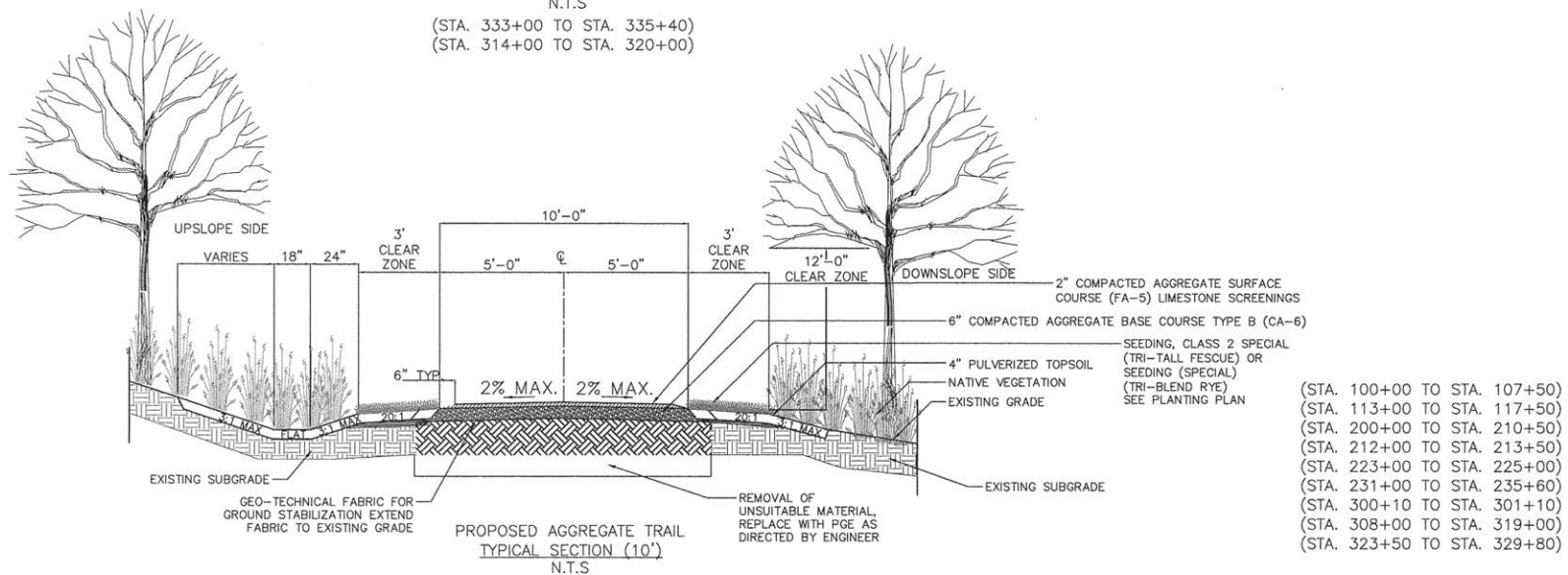
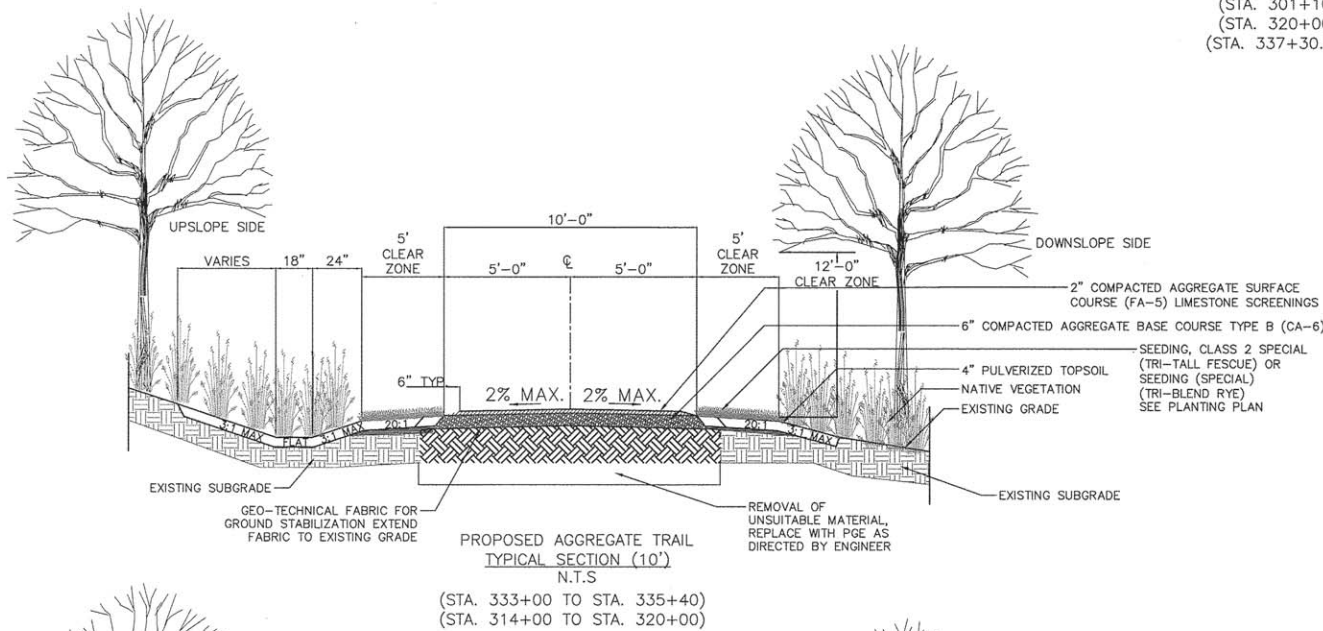
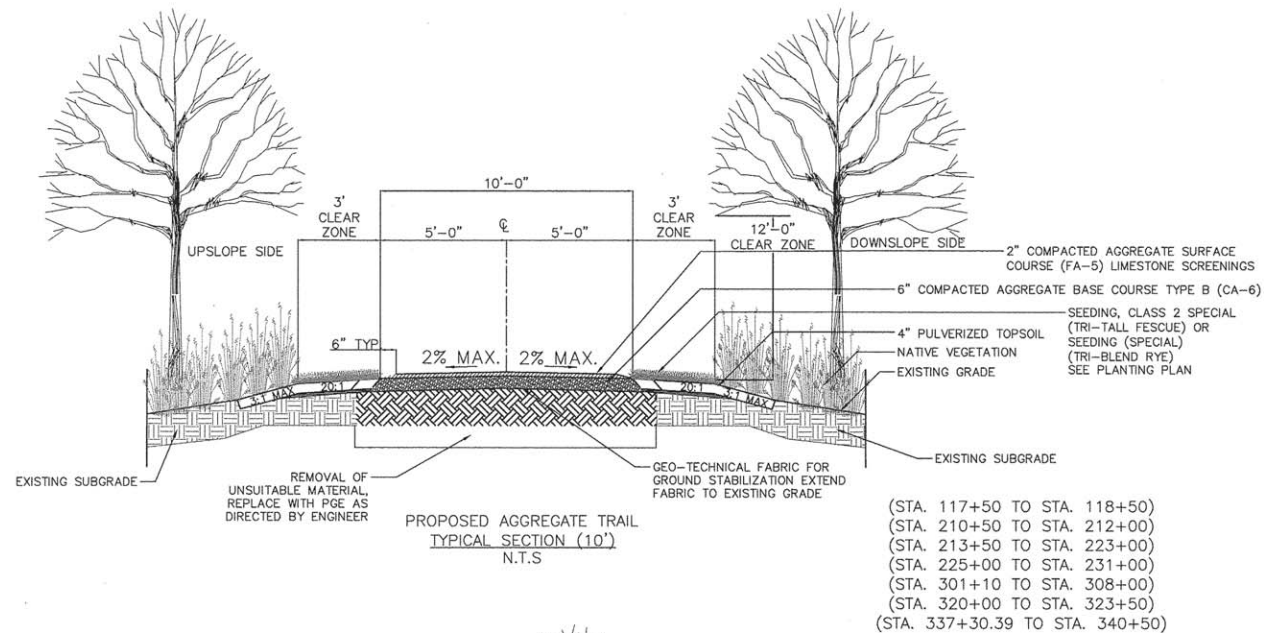
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|----------|------|----|
| SURVEYED |      |    |
| PLOTTED  |      |    |
| NOTED    |      |    |
| NO.      |      |    |



EXISTING TYPICAL SECTION  
N.T.S.  
(STA. 117+50 TO STA. 119+90)  
(STA. 210+50 TO STA. 212+00)  
(STA. 213+50 TO STA. 223+00)  
(STA. 225+00 TO STA. 231+00)  
(STA. 281+20 TO STA. 283+70)  
(STA. 301+10 TO STA. 308+00)  
(STA. 319+00 TO STA. 323+50)  
(STA. 335+40 TO STA. 337+30.39)  
(STA. 337+30.39 TO STA. 340+50)



EXISTING TYPICAL SECTION  
N.T.S.  
(STA. 100+00 TO STA. 117+50)  
(STA. 200+00 TO STA. 210+50)  
(STA. 212+00 TO STA. 213+50)  
(STA. 223+00 TO STA. 225+00)  
(STA. 231+00 TO STA. 235+60)  
(STA. 296+20 TO STA. 297+35)  
(STA. 300+00 TO STA. 301+10)  
(STA. 308+00 TO STA. 314+00)  
(STA. 325+50 TO STA. 329+80)  
(STA. 333+00 TO STA. 335+40)



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtonner  
FILE NAME = Branch Regional Trail\120607.FD Phase II  
PLOT SCALE = #SCALE#  
PLOT DATE = 4/26/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April, 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

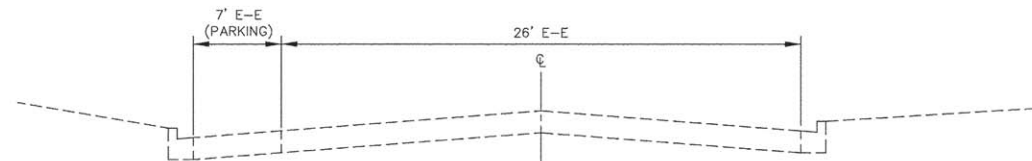
EXISTING & PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

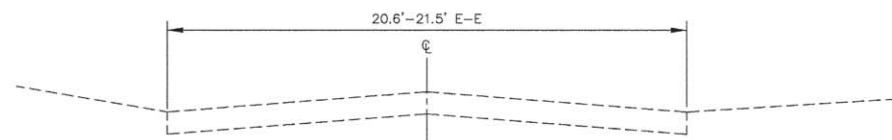
| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | 12-F3000-II-BT | DUPAGE | 86              | 4            |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

|           |      |    |
|-----------|------|----|
| PLAN      | DATE | BY |
|           | NO.  |    |
| SURVEYED  | DATE | BY |
|           | NO.  |    |
| NOTE BOOK | DATE | BY |
|           | NO.  |    |
| CHECKED   | DATE | BY |
|           | NO.  |    |
| APPROVED  | DATE | BY |
|           | NO.  |    |

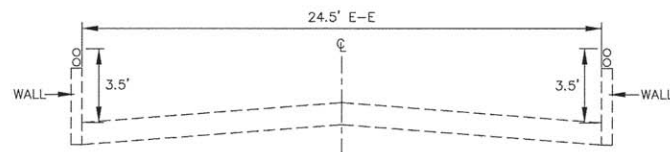
|           |      |    |
|-----------|------|----|
| PROFILE   | DATE | BY |
|           | NO.  |    |
| SURVEYED  | DATE | BY |
|           | NO.  |    |
| NOTE BOOK | DATE | BY |
|           | NO.  |    |
| CHECKED   | DATE | BY |
|           | NO.  |    |
| APPROVED  | DATE | BY |
|           | NO.  |    |



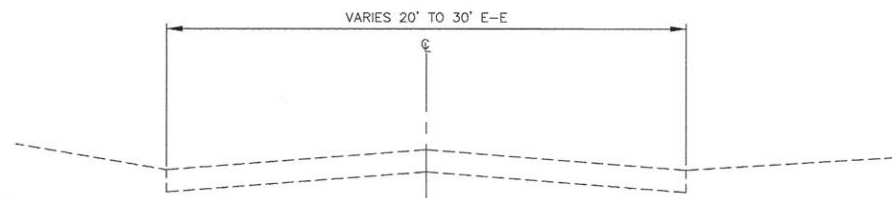
EXISTING ON-STREET SEGMENT  
TYPICAL SECTION  
N.T.S.  
(BEECHER AVE.-STA. 254+20.82 TO STA. 258+00)



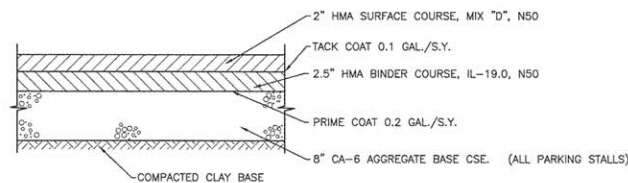
EXISTING ON-STREET SEGMENT  
TYPICAL SECTION  
N.T.S.  
(BEECHER AVE.-WYNWOOD TO BRIDGE STA. 242+74.61 TO STA. 249+30.94)  
(BEECHER AVE.-BRIDGE TO SUMMIT DR. STA. 250+26.32 TO 254+20.82)



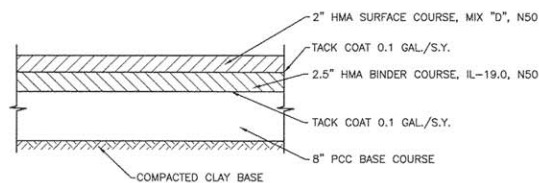
EXISTING ON-STREET SEGMENT  
TYPICAL SECTION  
N.T.S.  
(BEECHER AVE.-BRIDGE STA. 249+30.94 TO STA. 250+26.32)



EXISTING ON-STREET SEGMENT  
TYPICAL SECTION  
N.T.S.  
(WYNWOOD RD. STA. 236+05 TO STA. 242+74.61)  
(SUNSET RD. STA. 120+17.47 TO 123+79.20)  
(BARNES AVE. STA. 123+79.20 TO STA. 132+29)



BITUMINOUS FULL DEPTH PAVEMENT DETAIL  
NOT TO SCALE  
(BEECHER AVE.-SCHOOL PARKING AREA & UNNAMED  
ACCESS RD.)

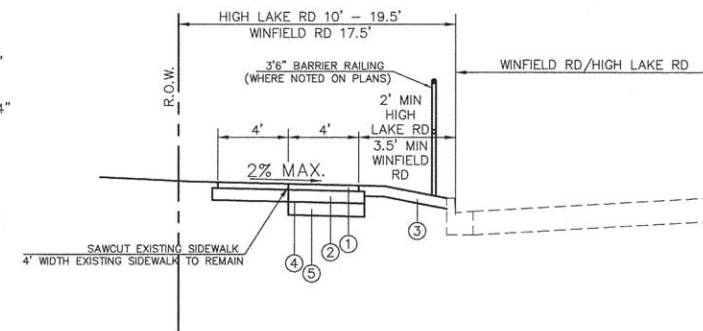


BITUMINOUS PAVEMENT W/ PCC BASE DETAIL  
NOT TO SCALE  
(BEECHER AVE.-SCHOOL PARKING AREA)

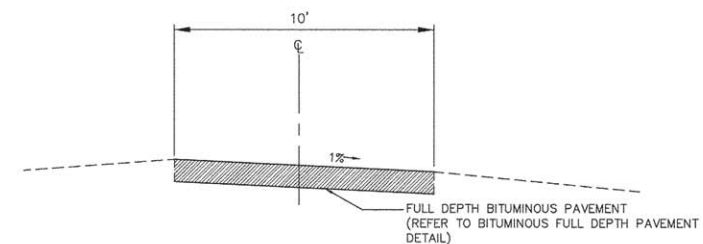
| HOT-MIX ASPHALT MIXTURE REQUIREMENTS                          |                  |
|---------------------------------------------------------------|------------------|
| MIXTURE TYPE                                                  | AIR VOIDS @ Ndes |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" (IL 9.5 MM)* | 4% @ 50 Gyr.     |
| HOT-MIX ASPHALT BINDER COURSE, N50; 2.5" (IL 19.0 MM)*        | 4% @ 50 Gyr.     |

\*THIS MIX SHALL BE USED FOR THE PATH AND UNNAMED ACCESS ROAD.  
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ. YD./IN.

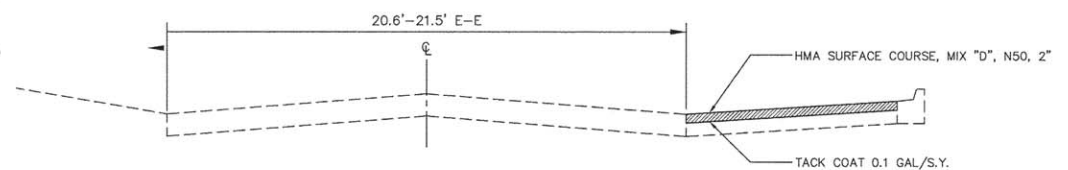
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP AND RAS" SEE DISTRICT ONE SPECIAL PROVISIONS.



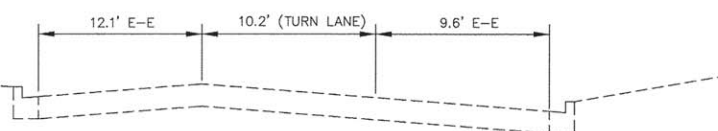
PROPOSED PCC TRAIL  
TYPICAL SECTION (8')  
N.T.S.  
(ADJACENT TO WINFIELD RD STA. 262+84.05 TO STA. 265+84.94)  
(HIGH LAKE RD STA. 276+59.04 TO STA. 279+44)



PROPOSED ON-STREET SEGMENT  
TYPICAL SECTION  
N.T.S.  
(UNNAMED ACCESS RD. STA. 132+29 TO STA. 134+97)



PROPOSED ON-STREET SEGMENT  
RESURFACING TYPICAL SECTION  
N.T.S.  
(BEECHER AVE.-SCHOOL PARKING AREA STA. 259+62 TO STA. 261+30)



PROPOSED ON-STREET SEGMENT  
TYPICAL SECTION  
N.T.S.  
(BEECHER AVE. AT WINFIELD RD. STA. 258+00 TO STA. 262+84.05)



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = okustusch  
FILE NAME = W:\Illinois County Forest Preserve\130607 West Branch Regional Trail\120607.FD Phase II  
PLOT SCALE = 1/4"=1'-0"  
PLOT DATE = 4/25/2016

DESIGNED -- AK  
DRAWN -- RT  
CHECKED -- JM  
DATE -- April, 2016

REVISED -- 04/21/2016  
REVISED --  
REVISED --  
REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

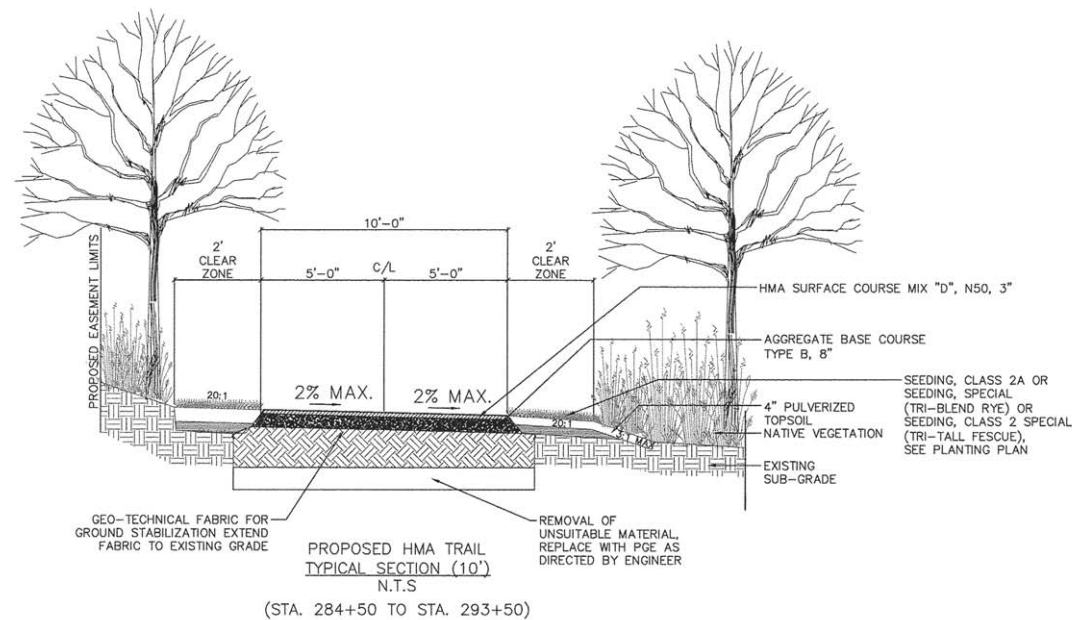
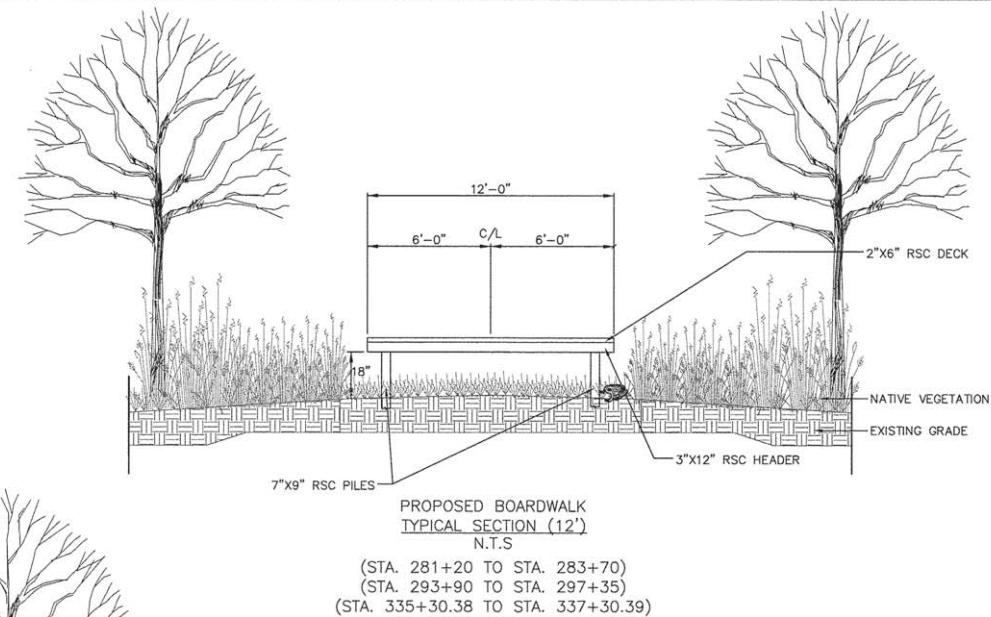
EXISTING & PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

| F.A.U. RTE.                                      | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------------------------------|----------------|--------|--------------|-----------|
| ---                                              | 12-F3000-II-BT | DUPAGE | 86           | 5         |
| CONTRACT NO. 61C60                               |                |        |              |           |
| FED. ROAD DIST. NO. -- ILLINOIS FED. AID PROJECT |                |        |              |           |



|           |                                |          |            |
|-----------|--------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                 | BY _____ | DATE _____ |
|           | PLOTTED _____                  |          |            |
| NOTE BOOK | GRADES CHECKED _____           |          |            |
| NO. _____ | B.M. NOTED _____               |          |            |
|           | STRUCTURE NOTAT'NS CHK'D _____ |          |            |



|            |                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------|
| USER NAME  | = rtanner                                                                                                                           |
| FILE NAME  | = W:\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II engineering\AUD\120607.FD Type01 X-Sect.dwg |
| PLOT SCALE | = 1/SCALE                                                                                                                           |
| PLOT DATE  | = 4/26/2016                                                                                                                         |

|                    |                      |
|--------------------|----------------------|
| DESIGNED - AK      | REVISED - 04/21/2016 |
| DRAWN - RT         | REVISED -            |
| CHECKED - JM       | REVISED -            |
| DATE - April, 2016 | REVISED -            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

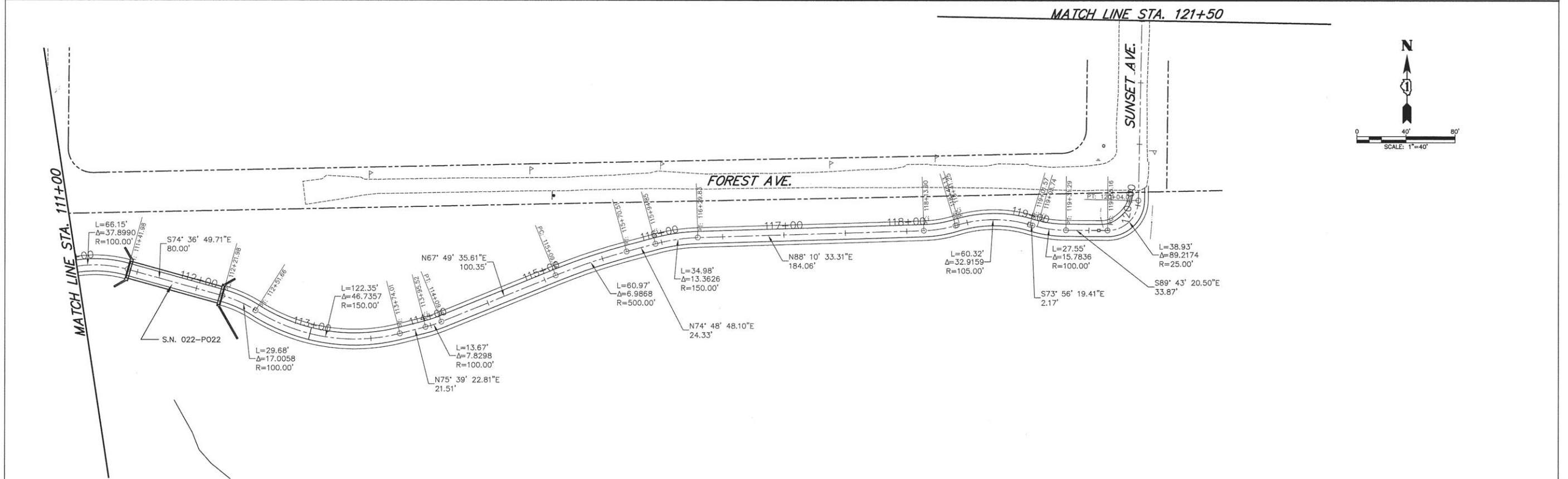
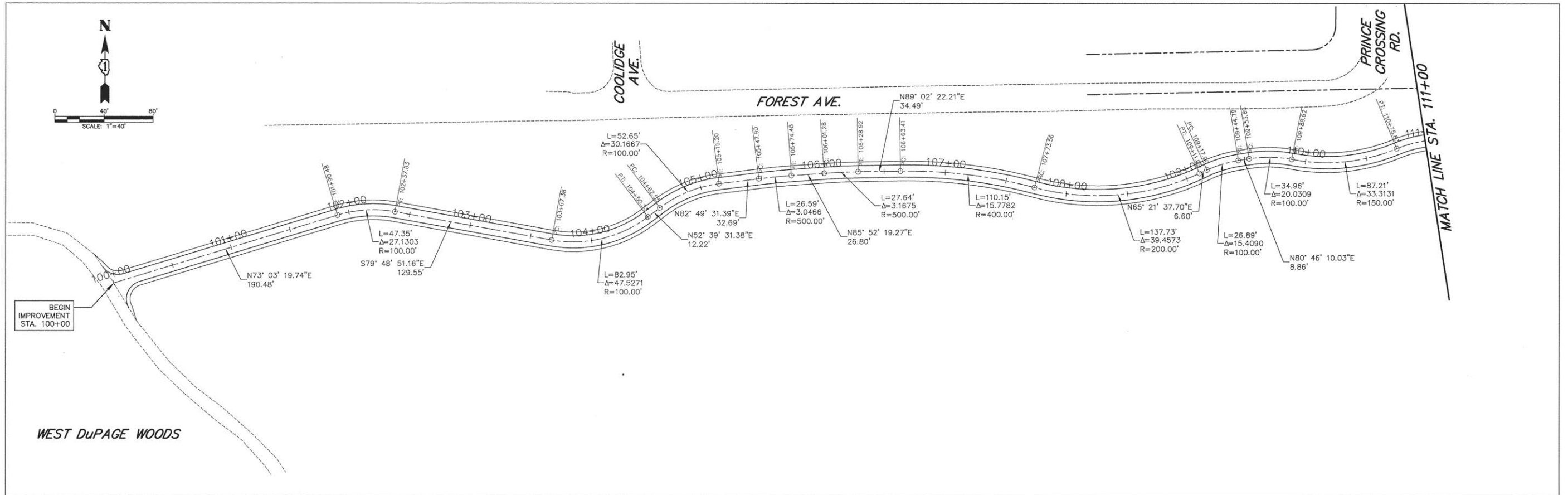
## PROPOSED TYPICAL SECTIONS

|               |                         |              |
|---------------|-------------------------|--------------|
| SCALE: N.T.S. | SHEET NO. 3 OF 3 SHEETS | STA. TO STA. |
|---------------|-------------------------|--------------|

|                       |                |                    |                 |              |
|-----------------------|----------------|--------------------|-----------------|--------------|
| F.A.J.<br>RTE.        | SECTION        | COUNTY             | TOTAL<br>SHEETS | SHEET<br>NO. |
| -                     | I2-F3000-II-BT | DUPAGE             | 86              | 6            |
|                       |                | CONTRACT NO. 61C60 |                 |              |
| FED. ROAD DIST. NO. - | ILLINOIS       | FED. AID PROJECT   |                 |              |

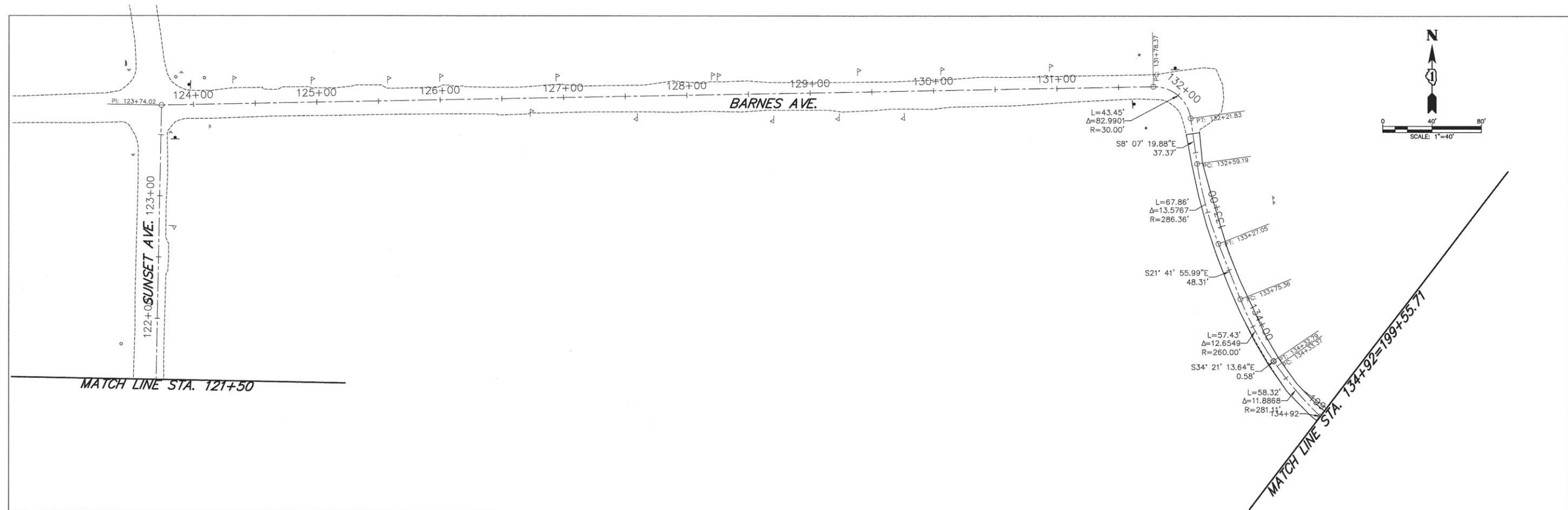
| PLAN               | DATE | BY |
|--------------------|------|----|
| SURVEYED           |      |    |
| ADJUSTED           |      |    |
| ALIGNED            |      |    |
| CHECKED            |      |    |
| NO. OF WAY CHECKED |      |    |
| DATE FILE NAME     |      |    |

| PROFILE                  | DATE | BY |
|--------------------------|------|----|
| SURVEYED                 |      |    |
| ADJUSTED                 |      |    |
| GRADES CHECKED           |      |    |
| NO. NOTED                |      |    |
| STRUCTURE NOTATIONS CHKD |      |    |

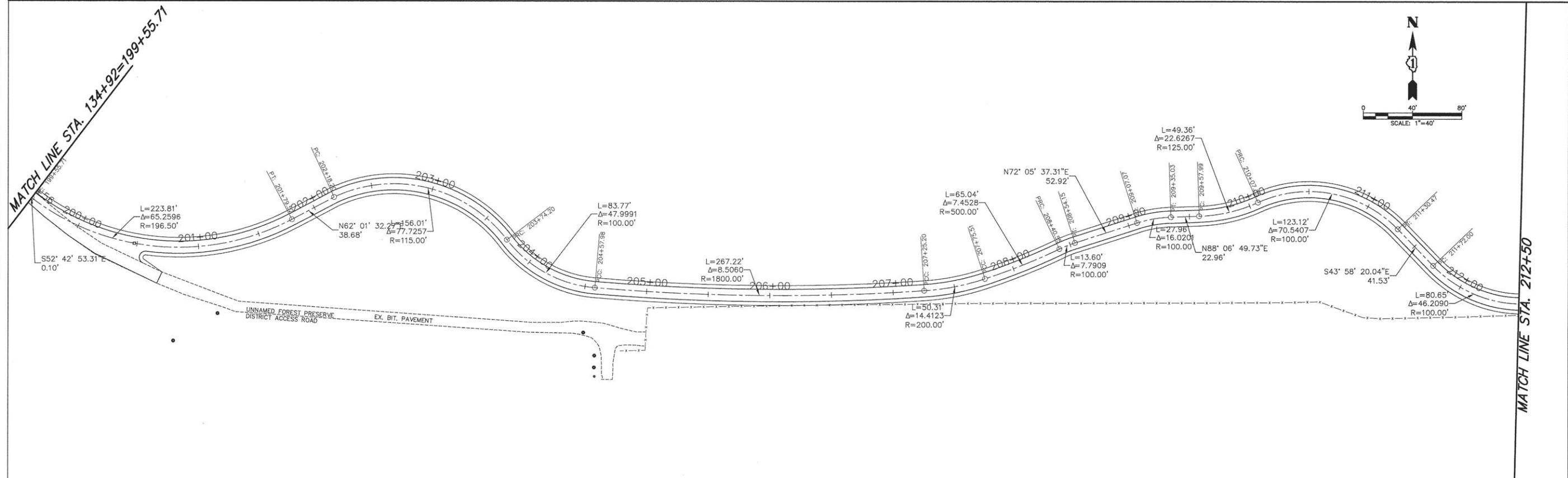


|                                                                                     |                                                                                               |  |                     |                      |                                                 |                                                   |                                                       |                            |  |                |         |        |              |           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--|---------------------|----------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|----------------------------|--|----------------|---------|--------|--------------|-----------|
|  | ENGINEERING RESOURCE ASSOCIATES, INC.<br>CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS         |  | USER NAME = rlanter | DESIGNED - AK        | REVISED - 04/21/2016                            | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>PROPOSED ALIGNMENT PLAN |                            |  | F.A.U. RTE.    | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                     | FILE NAME = C:\Projects\120607.FD West Branch Regional Trail\CA00\120607.FD RegionalTrail.dwg |  | DRAWN - RT          | REVISED - 04/29/2016 | -                                               |                                                   |                                                       |                            |  | I2-F3000-II-BT | DUPAGE  | 86     | 7            |           |
|                                                                                     | PLOT SCALE = #SCALE#                                                                          |  | CHECKED - JM        | REVISED - ---        | CONTRACT NO. 61C60                              |                                                   |                                                       |                            |  |                |         |        |              |           |
|                                                                                     | PLOT DATE = 4/29/2016                                                                         |  | DATE - April 2016   | REVISED - ---        | FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                                                   |                                                       |                            |  |                |         |        |              |           |
| SCALE: 1"=40'                                                                       |                                                                                               |  |                     |                      |                                                 | SHEET NO. 1 OF 7 SHEETS                           |                                                       | STA. 100+00 TO STA. 121+50 |  |                |         |        |              |           |

| PLAN           | DATE    |
|----------------|---------|
| SURVEYED       | BY      |
| ALIGNED        | CHECKED |
| NOTE BOOK      | NO.     |
| CADD FILE NAME |         |



| PROFILE        | DATE    |
|----------------|---------|
| SURVEYED       | BY      |
| GRADES CHECKED | CHECKED |
| NOTE BOOK      | NO.     |
| CADD FILE NAME |         |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rlonner  
FILE NAME = T:\Projects\130607\FD West Branch Regional  
PLOT SCALE = \$SCALE\$  
PLOT DATE = 4/29/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April, 2016

REVISD - 04/21/2016  
REVISD - 04/29/2016  
REVISD - ---  
REVISD - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ALIGNMENT PLAN

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 8            |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

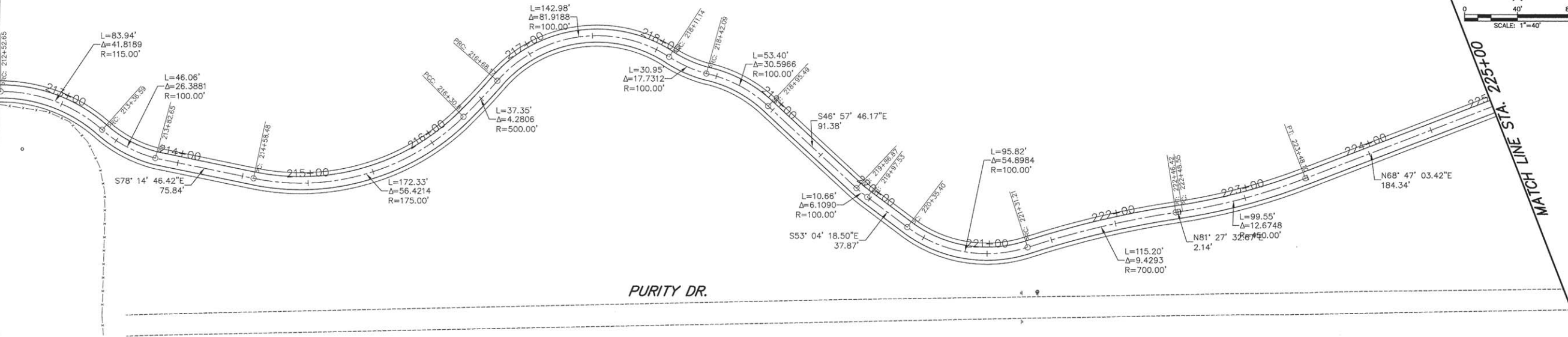
SCALE: 1"=40' SHEET NO. 2 OF 7 SHEETS STA. 121+50 TO STA. 212+50



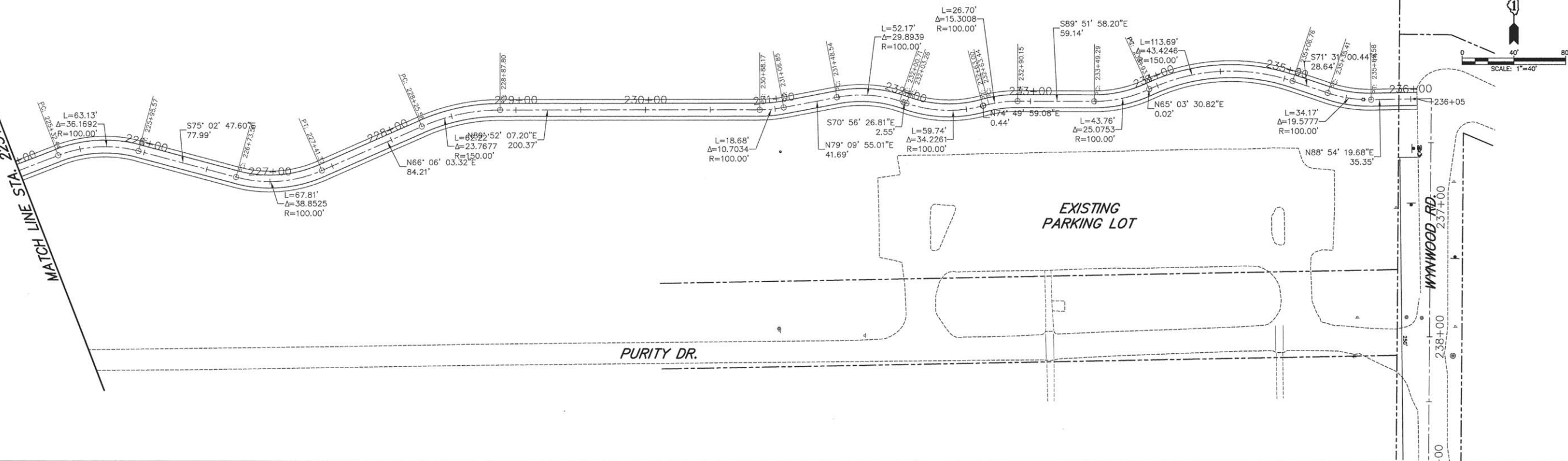
| PLAN      | SURVEYED           | BY | DATE |
|-----------|--------------------|----|------|
| NOTE BOOK | ADJUSTED           |    |      |
| NO.       | RT. OF WAY CHECKED |    |      |
|           | CADD FILE NAME     |    |      |

| PROFILE   | SURVEYED                 | BY | DATE |
|-----------|--------------------------|----|------|
| NOTE BOOK | ADJUSTED                 |    |      |
| NO.       | GRADES                   |    |      |
|           | STRUCTURE NOTATIONS CHKD |    |      |

MATCH LINE STA. 212+50



MATCH LINE STA. 225+00



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rlaner  
FILE NAME = \\V:\projects\120607\120607-12 West Branch Regional  
PLOT SCALE = #SCALE#  
PLOT DATE = 4/29/2016

DESIGNED - BD  
DRAWN - RT  
CHECKED - SW  
DATE - April 29, 2016

REVISED - 04/21/2016  
REVISED - 04/29/2016  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

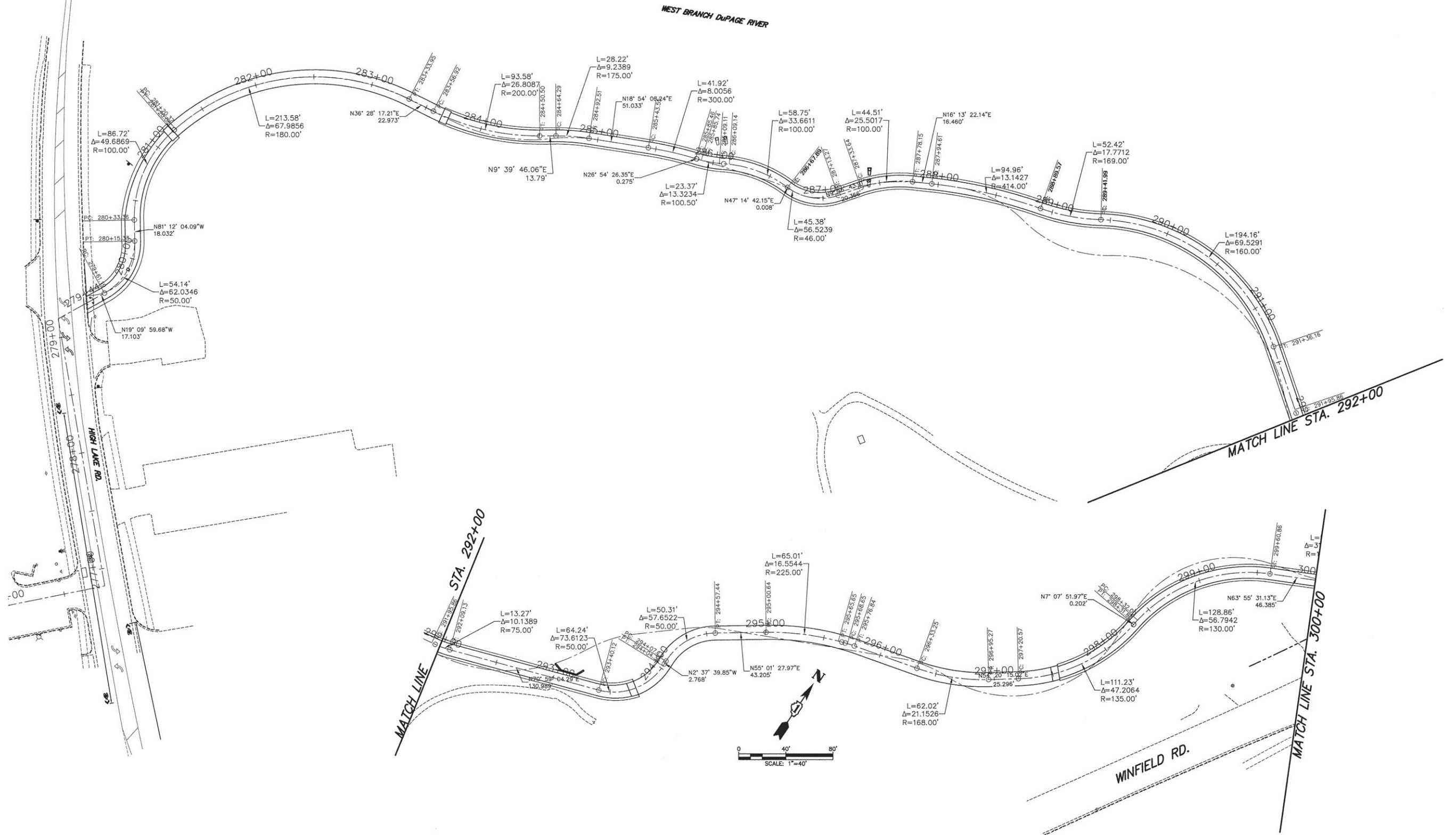
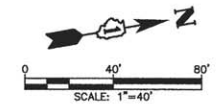
WEST BRANCH REGIONAL TRAIL  
PROPOSED ALIGNMENT PLAN

SCALE: 1"=40' SHEET NO. 3 OF 7 SHEETS STA. 12+50 TO STA. 236+5.92

| F.A.U.<br>R.T.E.                                | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | 12-F3000-II-BT | DUPAGE | 86              | 9            |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

| PLAN      | DATE      |
|-----------|-----------|
| DESIGNED  | BY        |
| CHECKED   | BY        |
| NOTED     | BY        |
| FILE NAME | FILE NAME |

| PROFILE   | DATE      |
|-----------|-----------|
| DESIGNED  | BY        |
| CHECKED   | BY        |
| NOTED     | BY        |
| FILE NAME | FILE NAME |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = W:\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607 RD Phase II  
PLOT SCALE = 1"=40'  
PLOT DATE = 4/21/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ALIGNMENT PLAN

SCALE: 1"=40'

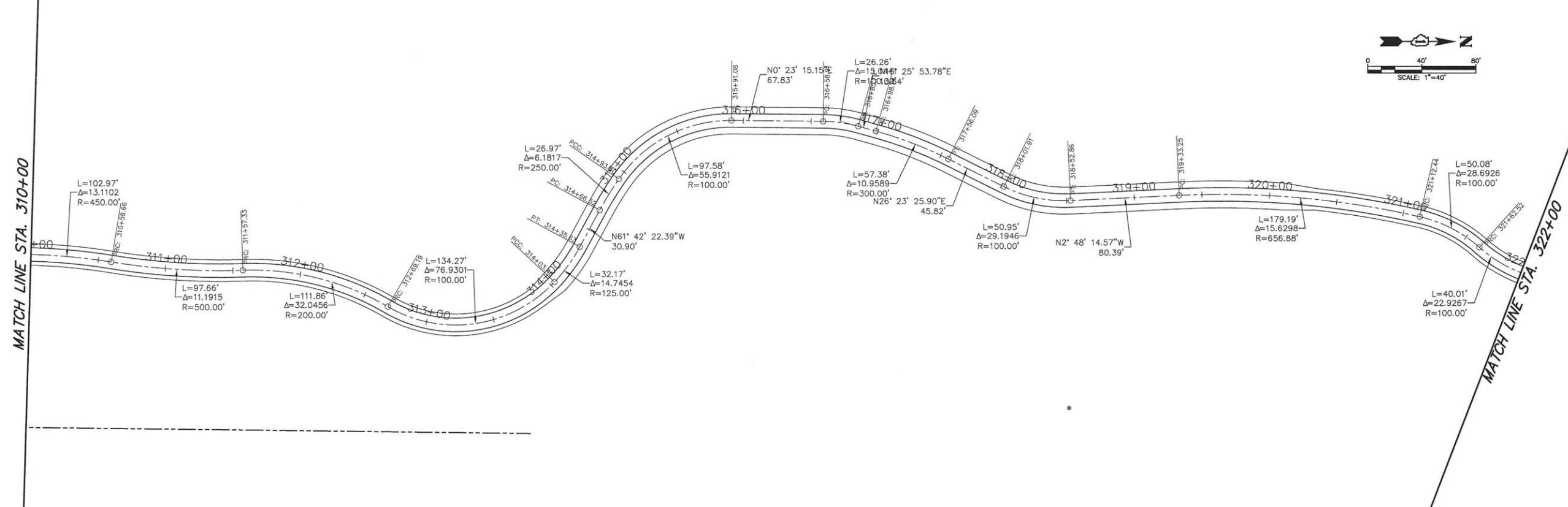
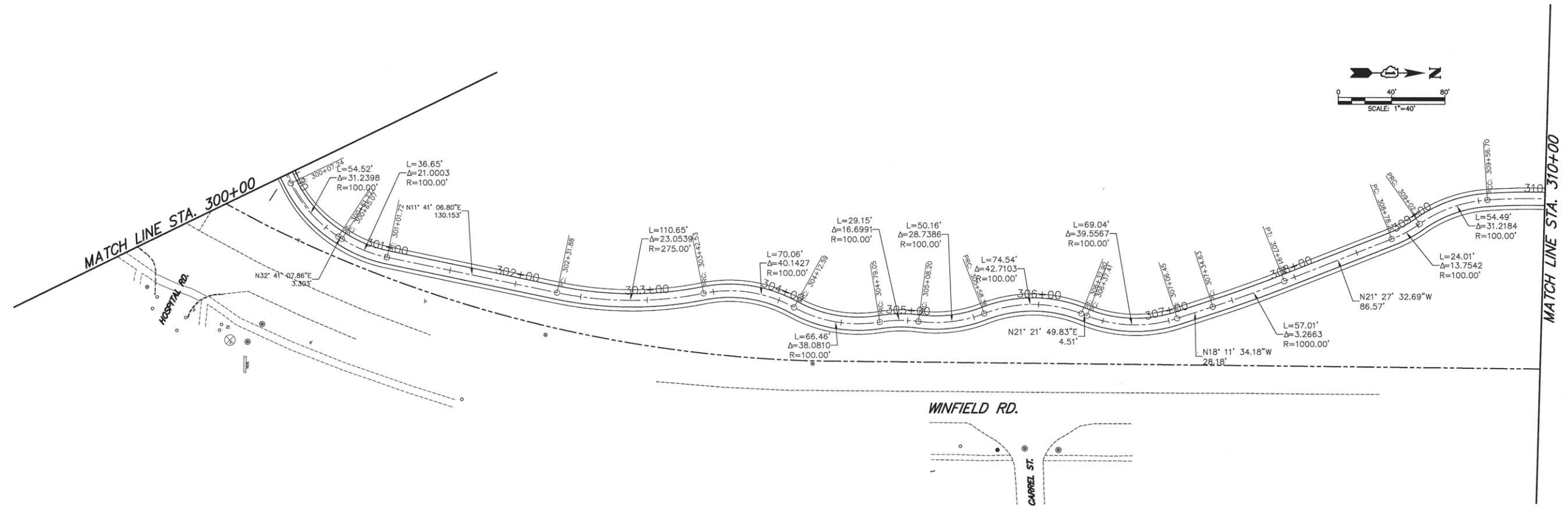
SHEET NO. 4 OF 7 SHEETS

STA. 279+39 TO STA. 300+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | 12-F3000-II-BT | DUPAGE | 86              | 10           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

| PLAN      | DATE |
|-----------|------|
| DESIGNED  | BY   |
| CHECKED   | DATE |
| PLOTTED   |      |
| NOTE BOOK |      |
| NO.       |      |

| PROFILE   | DATE |
|-----------|------|
| DESIGNED  | BY   |
| CHECKED   | DATE |
| PLOTTED   |      |
| NOTE BOOK |      |
| NO.       |      |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtonner  
FILE NAME = W:\UpPage County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II  
PLOT SCALE = 1"=40'  
PLOT DATE = 4/21/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ALIGNMENT PLAN

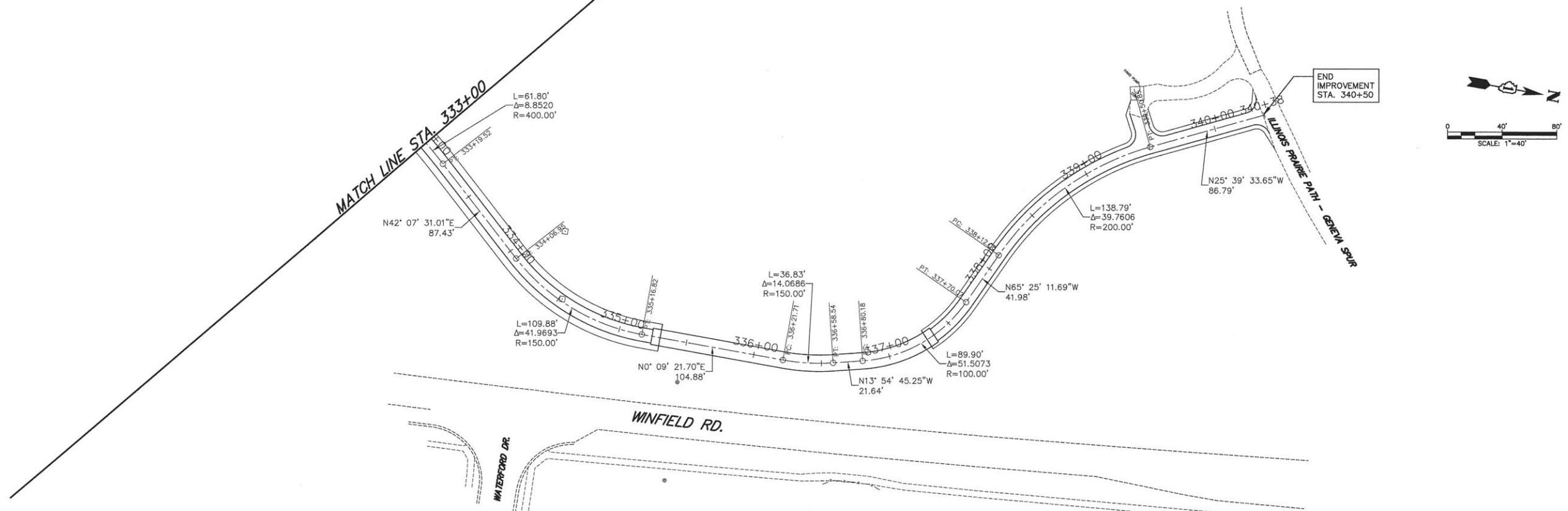
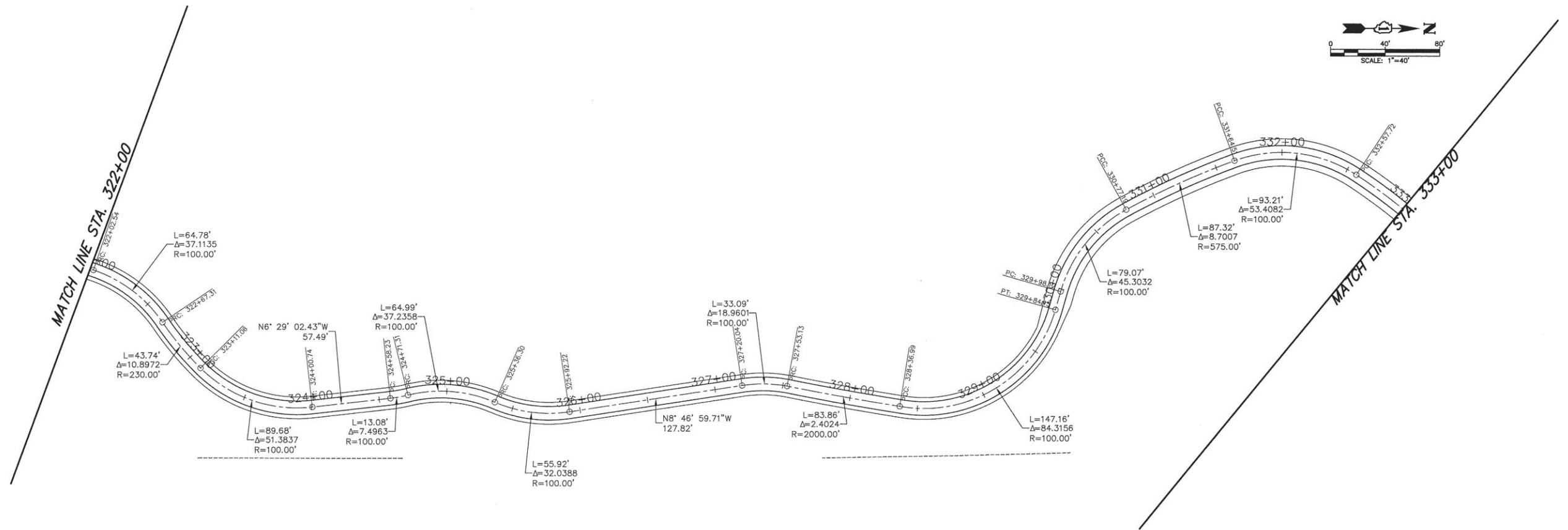
SCALE: 1"=40' SHEET NO. 5 OF 7 SHEETS STA. 300+00 TO STA. 322+00

| F.A.U. RTE.                                     | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------------------------|----------------|--------|--------------|-----------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86           | II        |
| CONTRACT NO. 61C60                              |                |        |              |           |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |              |           |



| PLAN      | SURVEYED  | BY | DATE |
|-----------|-----------|----|------|
| NOTE BOOK | PLOTTED   |    |      |
| NO.       | CHECKED   |    |      |
|           | BY        |    |      |
|           | FILE NAME |    |      |

| PROFILE   | SURVEYED  | BY | DATE |
|-----------|-----------|----|------|
| NOTE BOOK | PLOTTED   |    |      |
| NO.       | CHECKED   |    |      |
|           | BY        |    |      |
|           | FILE NAME |    |      |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = Branch Regional Trail\20607 West  
PLOT SCALE = AS SHOWN  
PLOT DATE = 4/26/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ALIGNMENT PLAN

SCALE: 1"=40'

SHEET NO. 6 OF 7 SHEETS

STA. 322+00 TO STA. 340+53.29

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 12           |
| CONTRACT NO. 6IC60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

|      |          |    |      |         |      |       |      |           |     |
|------|----------|----|------|---------|------|-------|------|-----------|-----|
| PLAN | SURVEYED | BY | DATE | CHECKED | DATE | NOTED | DATE | FILE NAME | NO. |
|      |          |    |      |         |      |       |      |           |     |

Alignment Name: West Trail CL  
Station Range: Start: 100+00.00, End: 134+91.69

| PI Station | Northing        | Easting         | Distance | Direction        |
|------------|-----------------|-----------------|----------|------------------|
| 100+00.00  | 1,895,553.3887' | 1,023,641.7353' | 214.61'  | N73° 03' 19.74"E |
| 102+14.61  | 1,895,615.9364' | 1,023,847.0303' | 197.70'  | S79° 48' 51.16"E |
| 104+11.41  | 1,895,580.9744' | 1,024,041.6177' | 83.20'   | N52° 39' 31.38"E |
| 104+89.50  | 1,895,631.4409' | 1,024,107.7657' | 72.94'   | N82° 49' 31.39"E |
| 105+61.19  | 1,895,640.5507' | 1,024,180.1348' | 53.92'   | N85° 52' 19.27"E |
| 106+15.10  | 1,895,644.4319' | 1,024,233.9117' | 103.74'  | N89° 02' 22.21"E |
| 107+18.84  | 1,895,646.1709' | 1,024,337.6372' | 127.15'  | S75° 10' 56.10"E |
| 108+45.28  | 1,895,613.6528' | 1,024,460.5591' | 91.86'   | N65° 21' 37.70"E |
| 109+31.43  | 1,895,651.9484' | 1,024,544.0517' | 40.05'   | N80° 46' 10.03"E |
| 109+71.32  | 1,895,658.3732' | 1,024,583.5863' | 62.54'   | S79° 11' 58.67"E |
| 110+33.49  | 1,895,646.6542' | 1,024,645.0172' | 79.21'   | N67° 29' 14.05"E |
| 111+10.16  | 1,895,676.9838' | 1,024,718.1932' | 129.28'  | S74° 36' 49.71"E |
| 112+36.93  | 1,895,642.6816' | 1,024,842.8440' | 79.76'   | S57° 36' 28.77"E |
| 113+16.47  | 1,895,599.9528' | 1,024,910.1945' | 93.17'   | N75° 39' 22.81"E |
| 114+02.37  | 1,895,623.0336' | 1,025,000.4567' | 137.72'  | N67° 49' 35.61"E |
| 115+40.07  | 1,895,675.0115' | 1,025,127.9935' | 72.43'   | N74° 48' 48.10"E |
| 116+12.42  | 1,895,693.9850' | 1,025,197.8919' | 214.83'  | N88° 10' 33.31"E |
| 118+27.09  | 1,895,700.8231' | 1,025,412.6112' | 45.33'   | N73° 08' 43.25"E |
| 118+72.27  | 1,895,713.9664' | 1,025,455.9942' | 47.05'   | S73° 56' 19.41"E |
| 119+17.60  | 1,895,700.9463' | 1,025,501.2111' | 72.39'   | S89° 43' 20.50"E |
| 119+89.82  | 1,895,700.5975' | 1,025,573.6042' | 394.59'  | N1° 03' 36.87"E  |
| 123+74.02  | 1,896,095.1248' | 1,025,580.9056' | 830.89'  | N88° 53' 15.70"E |
| 132+04.91  | 1,896,111.2541' | 1,026,411.6364' | 97.99'   | S8° 07' 19.88"E  |
| 132+93.28  | 1,896,014.2466' | 1,026,425.4809' | 111.23'  | S21° 41' 55.99"E |
| 134+04.19  | 1,895,910.8978' | 1,026,466.6061' | 58.67'   | S34° 21' 13.64"E |
| 134+62.63  | 1,895,862.4595' | 1,026,499.7152' | 29.26'   | S46° 14' 25.96"E |
| 134+91.69  | 1,895,842.2192' | 1,026,520.8515' |          |                  |

Alignment — East Trail CL  
Station Range: Start: 199+55.61, End: 236+04.93

| PI Station | Northing        | Easting         | Distance | Direction        |
|------------|-----------------|-----------------|----------|------------------|
| 199+55.61  | 1,895,842.2192' | 1,026,520.8515' | 125.91'  | S52° 42' 53.31"E |
| 200+81.52  | 1,895,765.9443' | 1,026,621.0303' | 257.08'  | N63° 04' 42.26"E |
| 203+10.87  | 1,895,882.3431' | 1,026,850.2505' | 137.19'  | S37° 19' 37.26"E |
| 204+18.73  | 1,895,773.2496' | 1,026,933.4388' | 178.38'  | S85° 19' 34.23"E |
| 205+91.84  | 1,895,758.7146' | 1,027,111.2254' | 159.15'  | N86° 10' 04.19"E |
| 207+50.49  | 1,895,769.3510' | 1,027,270.0149' | 57.85'   | N71° 45' 20.03"E |
| 208+08.08  | 1,895,787.4629' | 1,027,324.9590' | 39.37'   | N64° 18' 10.11"E |
| 208+47.36  | 1,895,804.5361' | 1,027,360.4389' | 73.80'   | N72° 05' 37.31"E |
| 209+21.14  | 1,895,827.2269' | 1,027,430.6645' | 62.04'   | N88° 06' 49.73"E |
| 209+83.00  | 1,895,829.2690' | 1,027,492.6746' | 95.73'   | N65° 29' 13.54"E |
| 210+78.08  | 1,895,868.9889' | 1,027,579.7799' | 154.92'  | S43° 58' 20.04"E |
| 212+14.67  | 1,895,757.4950' | 1,027,687.3439' | 86.60'   | N89° 49' 07.54"E |
| 212+96.59  | 1,895,757.7689' | 1,027,773.9427' | 67.38'   | S48° 24' 04.95"E |
| 213+60.03  | 1,895,713.0347' | 1,027,824.3305' | 193.12'  | S77° 50' 08.61"E |
| 215+52.36  | 1,895,672.3416' | 1,028,013.1136' | 112.56'  | N45° 19' 56.67"E |
| 216+49.50  | 1,895,751.4720' | 1,028,093.1676' | 105.49'  | N41° 03' 06.67"E |
| 217+54.97  | 1,895,831.0240' | 1,028,162.4476' | 102.40'  | S57° 01' 45.80"E |
| 218+26.74  | 1,895,775.2957' | 1,028,248.3581' | 42.94'   | S76° 32' 35.18"E |
| 218+69.44  | 1,895,765.3030' | 1,028,290.1191' | 124.07'  | S46° 57' 46.17"E |
| 219+92.20  | 1,895,680.6302' | 1,028,380.8016' | 95.15'   | S53° 04' 18.67"E |
| 220+87.34  | 1,895,623.4622' | 1,028,456.8644' | 109.67'  | N72° 01' 47.09"E |
| 221+88.95  | 1,895,657.2994' | 1,028,561.1890' | 109.85'  | N81° 27' 32.67"E |
| 222+98.53  | 1,895,673.6133' | 1,028,669.8172' | 266.97'  | N68° 47' 03.42"E |
| 225+65.10  | 1,895,770.2260' | 1,028,918.6970' | 145.91'  | S75° 02' 47.60"E |
| 227+08.83  | 1,895,732.5752' | 1,029,059.6699' | 151.04'  | N66° 06' 03.32"E |
| 228+57.14  | 1,895,793.7654' | 1,029,197.7595' | 241.30'  | N89° 52' 07.20"E |
| 230+97.54  | 1,895,794.3185' | 1,029,439.0585' | 77.75'   | N79° 09' 55.01"E |
| 231+75.24  | 1,895,808.9344' | 1,029,515.4264' | 60.03'   | S70° 56' 26.81"E |
| 232+34.05  | 1,895,789.3310' | 1,029,572.1680' | 44.66'   | N74° 49' 59.08"E |
| 232+76.87  | 1,895,801.0165' | 1,029,615.2759' | 94.81'   | S89° 51' 58.20"E |
| 233+71.53  | 1,895,800.7950' | 1,029,710.0898' | 81.99'   | N65° 03' 30.82"E |
| 234+52.81  | 1,895,835.3700' | 1,029,784.4345' | 105.63'  | S71° 31' 00.44"E |
| 235+52.66  | 1,895,801.8836' | 1,029,884.6124' | 52.61'   | N88° 54' 19.68"E |
| 236+04.93  | 1,895,802.8885' | 1,029,937.2105' |          |                  |

Alignment Name: Winfield Rd Trail CL  
Station Range: Start: 279+44.09, End: 340+37.64

| PI Station | Northing        | Easting         | Distance | Direction        |
|------------|-----------------|-----------------|----------|------------------|
| 279+44.09  | 1,895,740.3188' | 1,031,311.0174' | 47.17'   | N19° 09' 59.68"W |
| 279+91.26  | 1,895,784.8707' | 1,031,295.5319' | 94.39'   | N81° 12' 04.09"W |
| 280+79.66  | 1,895,799.3099' | 1,031,202.2482' | 167.96'  | N31° 30' 51.11"W |
| 282+41.75  | 1,895,942.5006' | 1,031,114.4519' | 192.01'  | N36° 28' 17.21"E |
| 284+04.59  | 1,896,096.9099' | 1,031,228.5898' | 75.59'   | N9° 39' 46.06"E  |
| 284+78.43  | 1,896,171.4305' | 1,031,241.2780' | 86.17'   | N18° 54' 06.24"E |
| 285+64.54  | 1,896,252.9497' | 1,031,269.1910' | 33.01'   | N26° 54' 26.35"E |
| 285+97.48  | 1,896,282.3818' | 1,031,284.1275' | 42.02'   | N13° 35' 02.08"E |
| 286+39.39  | 1,896,323.2240' | 1,031,293.9961' | 54.99'   | N47° 14' 42.14"E |
| 286+92.62  | 1,896,360.5526' | 1,031,334.3710' | 67.72'   | N9° 16' 43.91"W  |
| 287+56.27  | 1,896,427.3904' | 1,031,323.4512' | 86.78'   | N16° 13' 22.14"E |
| 288+42.30  | 1,896,510.7155' | 1,031,347.6954' | 74.11'   | N29° 21' 55.81"E |
| 289+15.99  | 1,896,575.3055' | 1,031,384.0368' | 137.48'  | N11° 35' 39.53"E |
| 290+53.05  | 1,896,709.9777' | 1,031,411.6691' | 177.41'  | N81° 07' 24.41"E |
| 292+02.51  | 1,896,737.3537' | 1,031,586.9582' | 175.06'  | N70° 59' 04.29"E |
| 293+77.53  | 1,896,794.3911' | 1,031,752.4614' | 67.70'   | N2° 37' 39.85"W  |
| 294+34.84  | 1,896,862.0188' | 1,031,749.3576' | 103.46'  | N55° 01' 27.97"E |
| 295+33.38  | 1,896,921.3221' | 1,031,834.1284' | 39.83'   | N71° 34' 43.84"E |
| 295+72.75  | 1,896,933.9071' | 1,031,871.9135' | 91.88'   | N75° 29' 24.44"E |
| 296+64.62  | 1,896,956.9263' | 1,031,960.8589' | 115.65'  | N54° 20' 15.02"E |
| 297+79.56  | 1,897,024.3534' | 1,032,054.8234' | 129.47'  | N7° 07' 51.97"E  |
| 299+02.28  | 1,897,152.8249' | 1,032,070.8962' | 144.62'  | N63° 55' 31.13"E |
| 300+35.20  | 1,897,216.3936' | 1,032,200.8014' | 49.80'   | N32° 41' 07.86"E |
| 300+83.61  | 1,897,258.3037' | 1,032,227.6922' | 204.77'  | N11° 41' 06.80"E |
| 302+87.96  | 1,897,458.8307' | 1,032,269.1654' | 92.62'   | N11° 22' 07.34"W |
| 303+79.07  | 1,897,549.6356' | 1,032,250.9076' | 71.05'   | N28° 46' 26.23"E |
| 304+47.10  | 1,897,611.9126' | 1,032,285.1078' | 49.19'   | N9° 18' 25.22"W  |
| 304+93.73  | 1,897,660.4537' | 1,032,277.1528' | 40.30'   | N7° 23' 31.64"E  |
| 305+33.82  | 1,897,700.4141' | 1,032,282.3371' | 64.72'   | N21° 20' 47.21"W |
| 305+97.46  | 1,897,760.6920' | 1,032,258.7795' | 79.57'   | N21° 21' 49.83"E |
| 306+73.37  | 1,897,834.7967' | 1,032,287.7668' | 92.65'   | N18° 11' 34.18"W |
| 307+63.14  | 1,897,922.8140' | 1,032,258.8404' | 127.14'  | N21° 27' 32.69"W |
| 308+90.26  | 1,898,041.1380' | 1,032,212.3289' | 40.00'   | N35° 12' 47.73"W |
| 309+30.15  | 1,898,073.8173' | 1,032,189.2649' | 79.65'   | N3° 59' 41.46"W  |
| 310+08.41  | 1,898,153.2710' | 1,032,183.7161' | 100.70'  | N9° 06' 55.19"E  |
| 311+08.65  | 1,898,252.6969' | 1,032,199.6688' | 106.42'  | N2° 04' 34.37"W  |
| 312+14.76  | 1,898,359.0503' | 1,032,195.8132' | 136.88'  | N29° 58' 09.63"E |
| 313+48.63  | 1,898,477.6278' | 1,032,264.1894' | 95.62'   | N46° 57' 38.90"W |
| 314+19.63  | 1,898,542.8871' | 1,032,194.3033' | 60.57'   | N61° 42' 22.39"W |
| 314+80.02  | 1,898,571.5973' | 1,032,140.9688' | 66.57'   | N55° 31' 28.29"W |
| 315+46.57  | 1,898,609.2807' | 1,032,086.0889' | 134.11'  | N0° 23' 15.15"E  |
| 316+72.12  | 1,898,743.3851' | 1,032,086.9960' | 55.52'   | N15° 25' 53.83"E |
| 317+27.49  | 1,898,796.9072' | 1,032,101.7702' | 100.64'  | N26° 23' 25.90"E |
| 318+27.95  | 1,898,887.0595' | 1,032,146.5036' | 196.59'  | N2° 48' 14.57"W  |
| 320+23.41  | 1,899,083.4111' | 1,032,136.8865' | 115.73'  | N12° 49' 32.87"E |
| 321+38.02  | 1,899,196.2551' | 1,032,162.5775' | 45.85'   | N41° 33' 32.12"E |
| 321+82.80  | 1,899,230.5669' | 1,032,192.9970' | 53.85'   | N18° 40' 59.85"E |
| 322+36.11  | 1,899,281.5777' | 1,032,210.2466' | 55.51'   | N55° 47' 48.60"E |
| 322+89.25  | 1,899,312.7803' | 1,032,256.1544' | 70.05'   | N44° 53' 58.76"E |
| 323+59.17  | 1,899,362.3980' | 1,032,305.5986' | 112.15'  | N6° 29' 02.43"W  |
| 324+64.78  | 1,899,473.8290' | 1,032,292.9341' | 40.24'   | N13° 58' 49.02"W |
| 325+05.00  | 1,899,512.8767' | 1,032,283.2127' | 62.40'   | N23° 15' 19.99"E |
| 325+65.01  | 1,899,570.2086' | 1,032,307.8502' | 173.23'  | N8° 46' 59.71"W  |
| 327+36.74  | 1,899,741.4060' | 1,032,281.3984' | 58.63'   | N11° 02' 09.66"E |
| 327+95.07  | 1,899,798.9543' | 1,032,292.6222' | 132.47'  | N9° 47' 47.86"E  |
| 329+27.53  | 1,899,929.4935' | 1,032,315.1623' | 146.25'  | N74° 08' 19.57"W |
| 330+39.86  | 1,899,969.4639' | 1,032,174.4838' | 85.47'   | N28° 50' 08.16"W |
| 331+20.94  | 1,900,044.3400' | 1,032,133.2597' | 94.05'   | N20° 08' 05.66"W |
| 332+14.81  | 1,900,132.6386' | 1,032,100.8860' | 81.26'   | N33° 16' 23.75"E |
| 332+88.69  | 1,900,200.5810' | 1,032,145.4704' | 175.92'  | N42° 07' 31.01"E |
| 334+64.48  | 1,900,331.0576' | 1,032,263.4697' | 180.93'  | N0° 09' 21.70"E  |
| 336+40.22  | 1,900,511.9827' | 1,032,263.9624' | 88.39'   | N13° 54' 45.25"W |
| 337+28.42  | 1,900,597.7787' | 1,032,242.7100' | 162.54'  | N65° 25' 11.69"W |
| 338+84.38  | 1,900,665.3913' | 1,032,094.8956' | 159.11'  | N25° 39' 33.65"W |
| 340+37.64  | 1,900,808.8124' | 1,032,025.9970' |          |                  |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = Trail\CA00\120607.FD West Branch Regional  
PLOT SCALE = \$SCALE\$  
PLOT DATE = 4/29/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/19/2016  
REVISED - 04/29/2016  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ALIGNMENT PLAN

SCALE: N.T.S. SHEET NO. 7 OF 7 SHEETS STA. I2I+50 TO STA. 236+I5.92

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | I3           |
| CONTRACT NO. 6IC60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |



| PLAN      | SURVEYED           | BY | DATE |
|-----------|--------------------|----|------|
| NOTE BOOK | PLOTTED            |    |      |
| NO.       | RE. OF WAY CHECKED |    |      |
|           | CADD FILE NAME     |    |      |

| PROFILE   | SURVEYED                 | BY | DATE |
|-----------|--------------------------|----|------|
| NOTE BOOK | PLOTTED                  |    |      |
| NO.       | GRADES CHECKED           |    |      |
|           | STRUCTURE NOTATIONS OK'D |    |      |

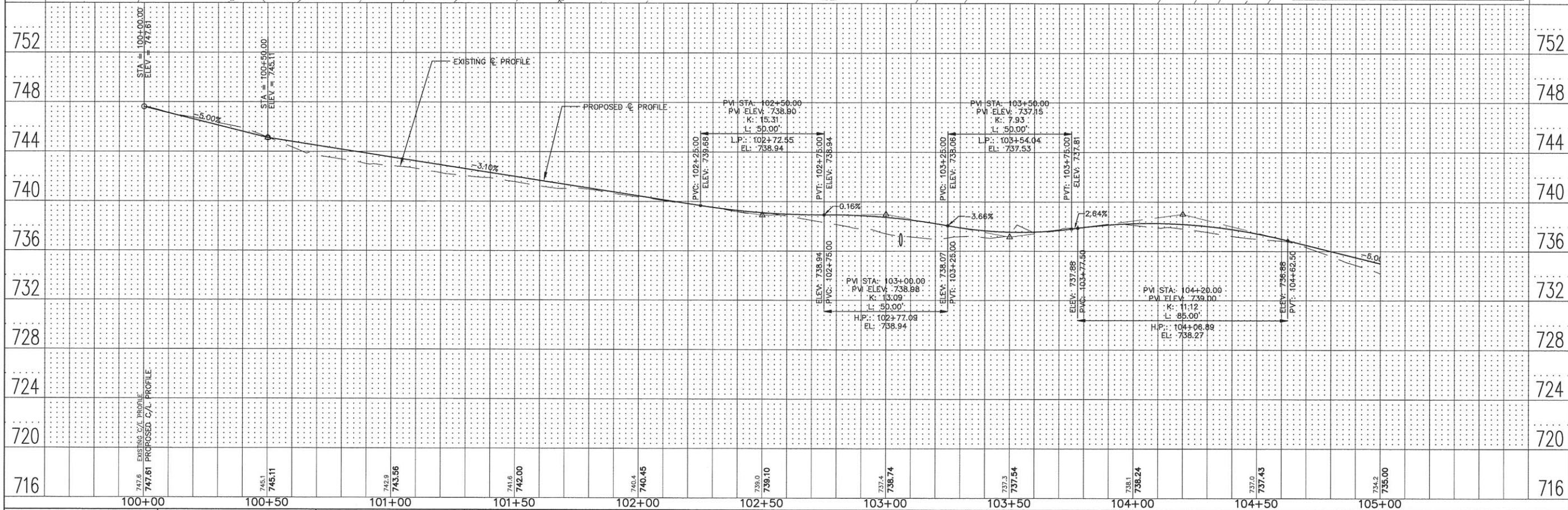
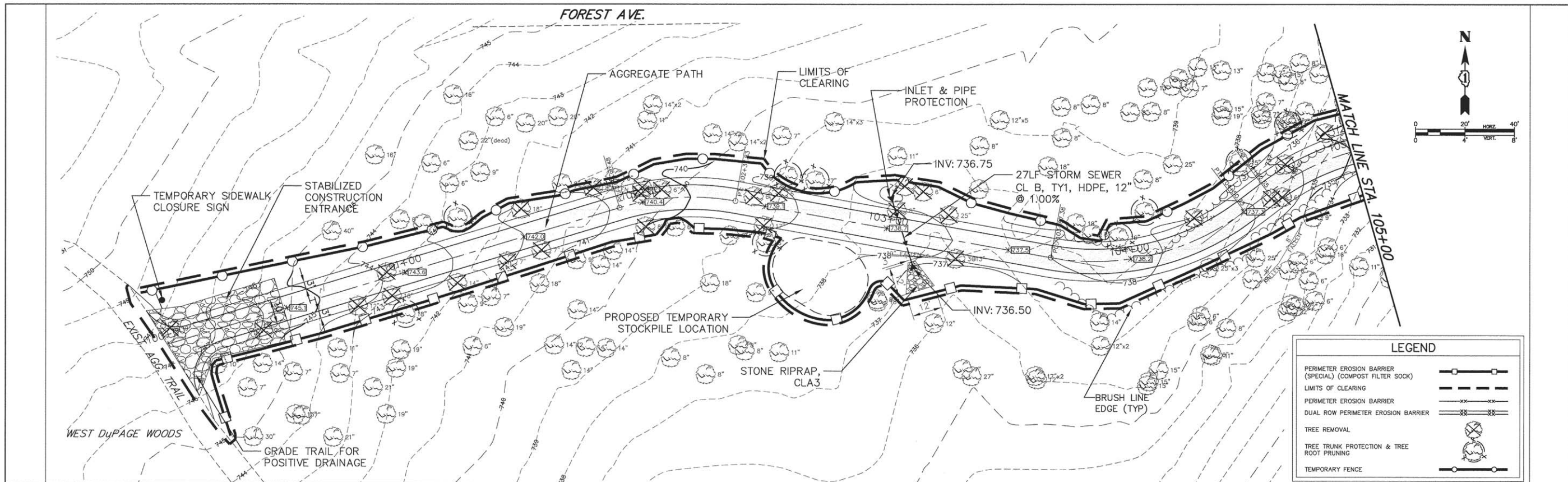


|                                                                                                                                                                                                                      |                                                                                                                                            |                   |           |                                                   |                                              |                |                                                 |                               |                 |              |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|---------------------------------------------------|----------------------------------------------|----------------|-------------------------------------------------|-------------------------------|-----------------|--------------|----|
|  <div>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.<br/><small>CONSULTING ENGINEERS, SCIENTISTS<br/>&amp; SURVEYORS</small></div> | USER NAME = akustusch                                                                                                                      | DESIGNED — AK     | REVISED — | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>SHEET KEY PLAN | F.A.U.<br>RTE. | SECTION                                         | COUNTY                        | TOTAL<br>SHEETS | SHEET<br>NO. |    |
|                                                                                                                                                                                                                      | FILE NAME = W:\DuPage County Forest Preserve\120607\West Branch Regional Trail\120607.FB Phase II engineering\120607.FB Regional Trail.dwg | DRAWN — RT        | REVISED — |                                                   |                                              |                | —                                               | 12-F3000-II-BT                | DUPAGE          | 86           | 14 |
|                                                                                                                                                                                                                      | PLOT SCALE = 1"=50' SCALES                                                                                                                 | CHECKED — JM      | REVISED — |                                                   |                                              |                | CONTRACT NO. 61C60                              |                               |                 |              |    |
|                                                                                                                                                                                                                      | PLOT DATE = 3/14/2016                                                                                                                      | DATE — March 2016 | REVISED — |                                                   |                                              |                | FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |                               |                 |              |    |
|                                                                                                                                                                                                                      |                                                                                                                                            |                   |           |                                                   |                                              | SCALE: N.T.S.  | SHEET NO. 1 OF 1 SHEETS                         | STA. 121+50 TO STA. 236+15.92 |                 |              |    |



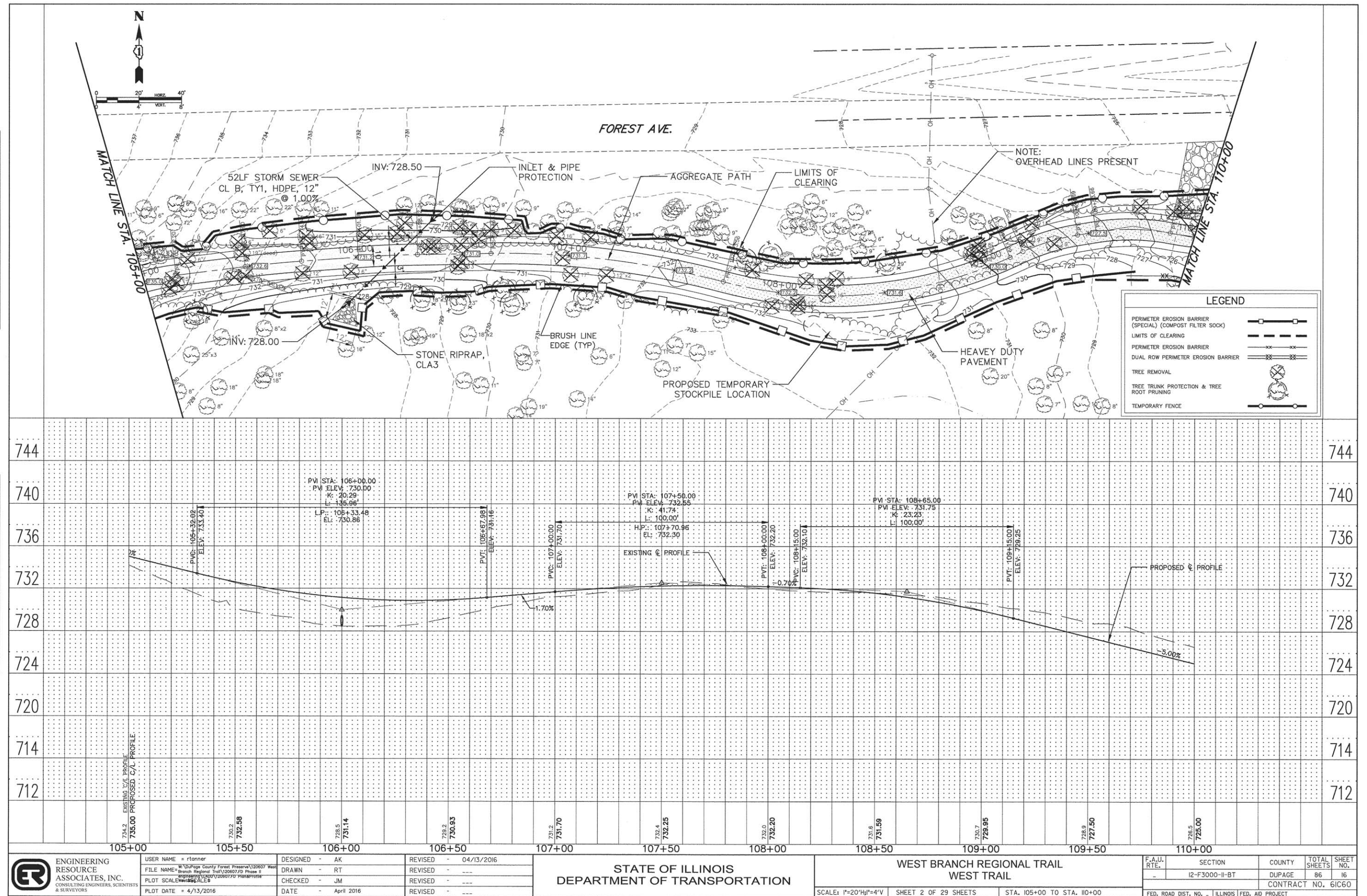
|           |                    |    |      |
|-----------|--------------------|----|------|
| PLAN      | SURVEYED           | BY | DATE |
| NOTE BOOK | ALIGNED            |    |      |
|           | RT. OF WAY CHECKED |    |      |
|           | NO.                |    |      |

|           |                |    |      |
|-----------|----------------|----|------|
| PROFILE   | SURVEYED       | BY | DATE |
| NOTE BOOK | GRADES CHECKED |    |      |
|           | PL. NOTED      |    |      |
|           | NO.            |    |      |





|           |                                  |          |            |
|-----------|----------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                   | BY _____ | DATE _____ |
| NOTE BOOK | GRADES CHECKED _____             |          |            |
| NO. _____ | B.M. NOTED _____                 |          |            |
|           | STRUCTURE NOTATION'S CHK'D _____ |          |            |



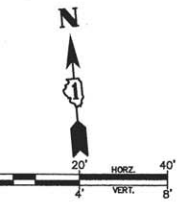
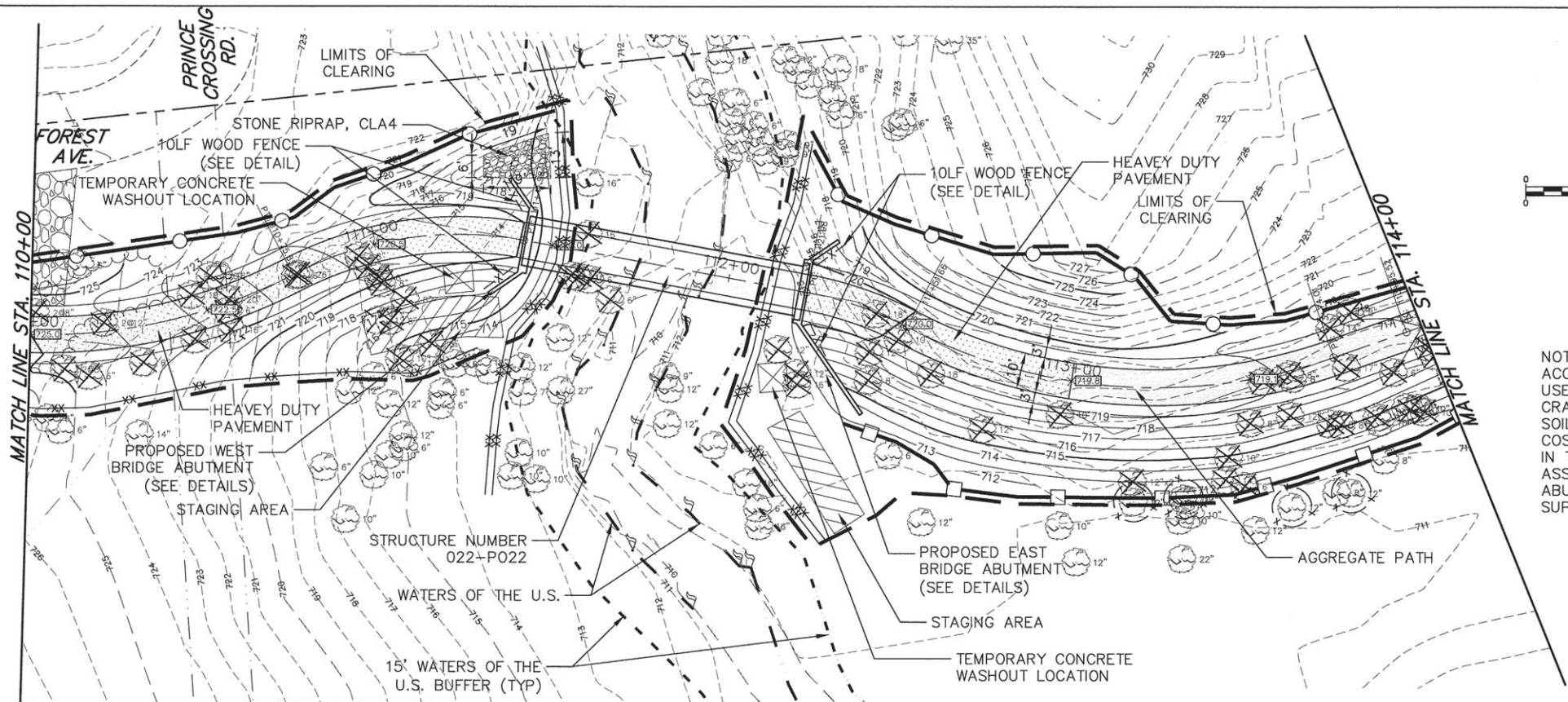


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| PLAN      | DATE |
| BY        |      |
| SURVEYED  |      |
| ALIGNED   |      |
| CHECKED   |      |
| NO.       |      |
| NOTE BOOK |      |
| FILE NAME |      |

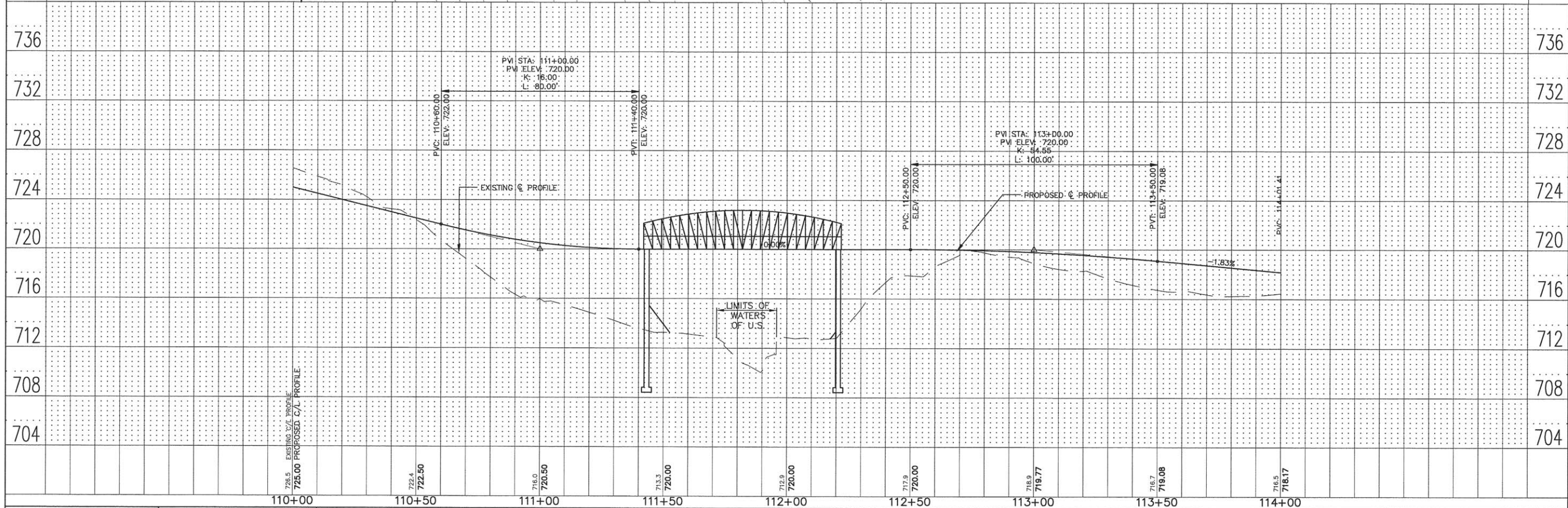
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| PROFILE   | DATE |
| BY        |      |
| DESIGNED  |      |
| PLANNED   |      |
| CHECKED   |      |
| NO.       |      |
| NOTE BOOK |      |
| FILE NAME |      |

**LEGEND**

- PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK)
- LIMITS OF CLEARING
- PERIMETER EROSION BARRIER
- DUAL ROW PERIMETER EROSION BARRIER
- TREE REMOVAL
- TREE TRUNK PROTECTION & TREE ROOT PRUNING
- TEMPORARY FENCE



NOTE:  
ACCESS MATS SHALL BE  
USED FOR STAGING AND  
CRANE AREA TO PREVENT  
SOIL COMPACTION. THE  
COST SHALL BE INCLUDED  
IN THE VARIOUS ITEMS  
ASSOCIATED WITH THE  
ABUTMENTS AND  
SUPERSTRUCTURE.

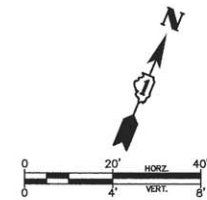
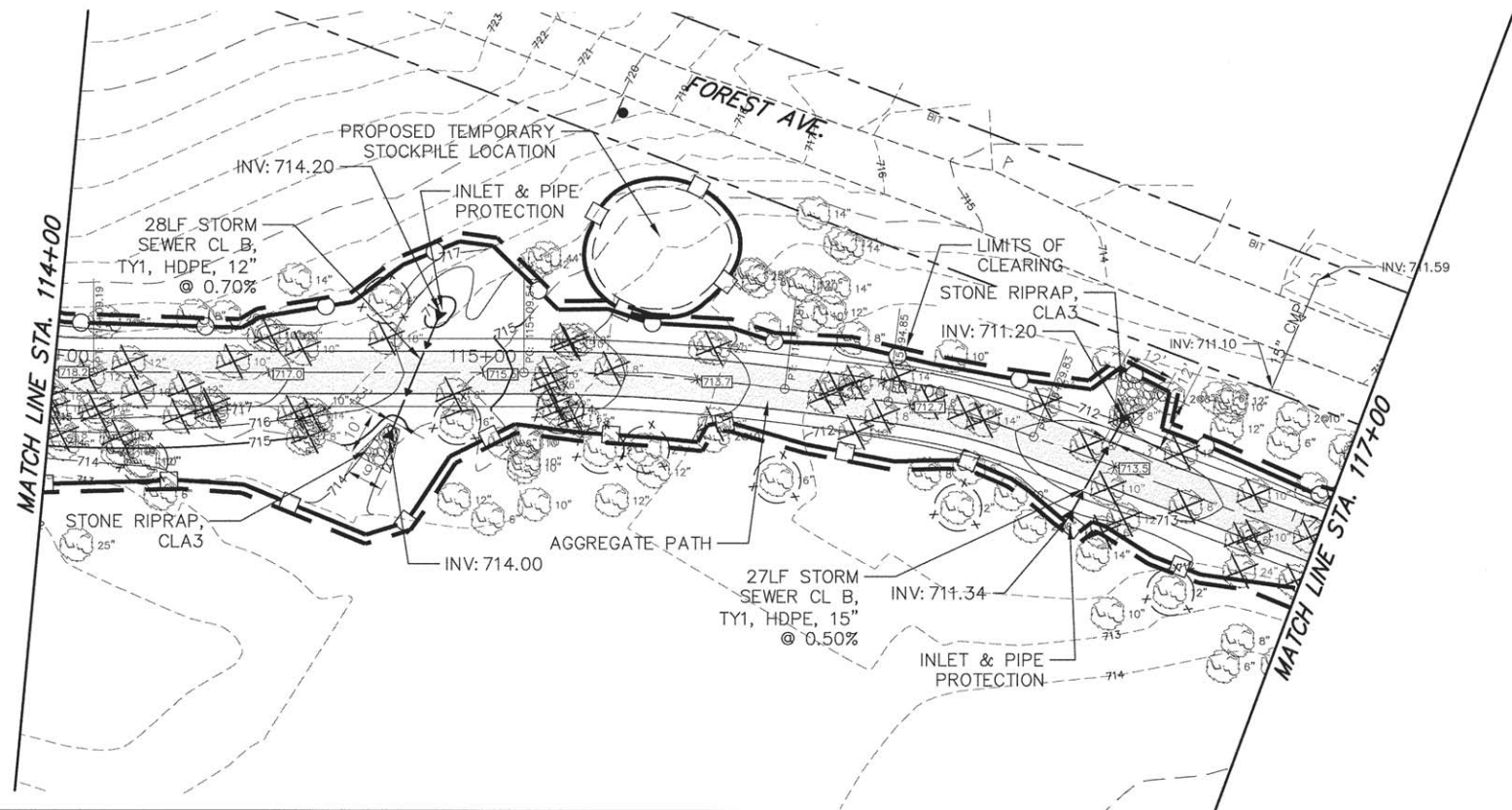


|  |                                              |                                                                                                    |              |                     |                                                   |                                          |                            |                                                 |         |        |              |           |
|--|----------------------------------------------|----------------------------------------------------------------------------------------------------|--------------|---------------------|---------------------------------------------------|------------------------------------------|----------------------------|-------------------------------------------------|---------|--------|--------------|-----------|
|  | ENGINEERING RESOURCE ASSOCIATES, INC.        | USER NAME: rlonner                                                                                 | DESIGNED: AK | REVISED: 04/13/2016 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>WEST TRAIL |                            | F.A.U. RTE.                                     | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|  | CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS | FILE NAME: W:\Illinois County Forest Preserve\130607 West Branch Regional Trail\120607.FD Phase II | DRAWN: RT    | REVISED: ---        |                                                   | 12-F3000-II-BT                           | DUPAGE                     | 86                                              | 17      |        |              |           |
|  | PLOT SCALE: 1"=20'H                          | CHECKED: JM                                                                                        | REVISED: --- | CONTRACT NO. 61C60  |                                                   |                                          |                            |                                                 |         |        |              |           |
|  | PLOT DATE: 4/13/2016                         | DATE: April 2016                                                                                   | REVISED: --- |                     |                                                   |                                          |                            |                                                 |         |        |              |           |
|  |                                              |                                                                                                    |              |                     | SCALE: 1"=20'H                                    | SHEET 3 OF 29 SHEETS                     | STA. 110+00 TO STA. 114+00 | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |         |        |              |           |

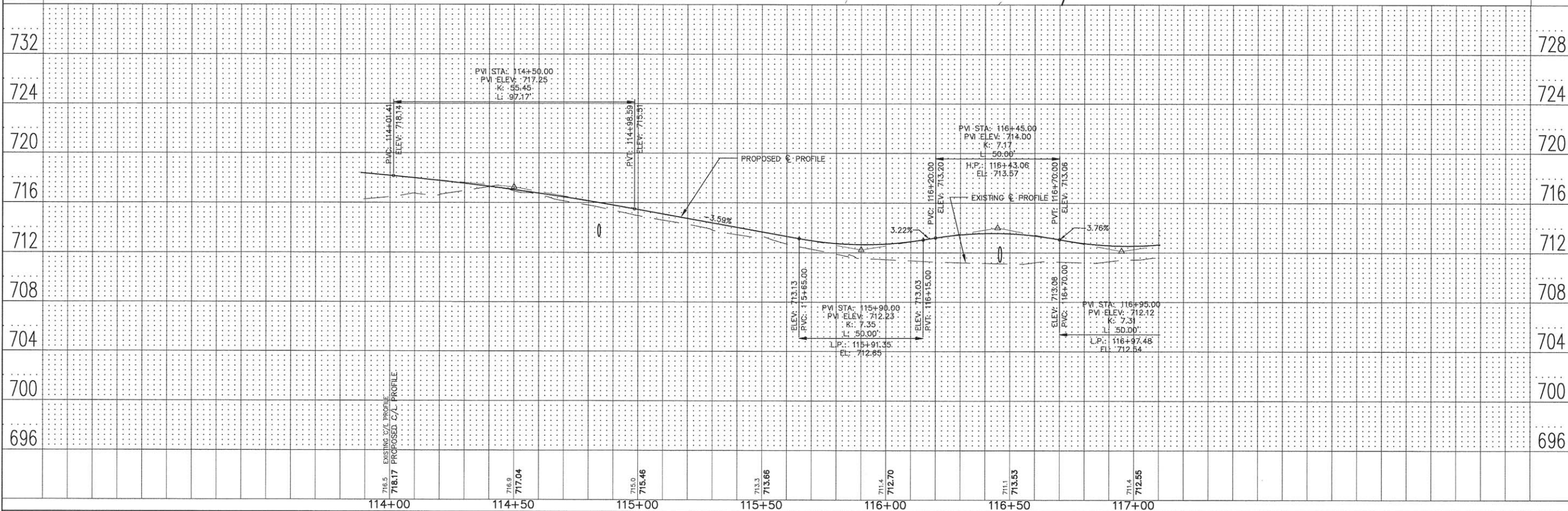


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| PLAN           | SURVEYED | BY | DATE |
|                | NOTED    |    |      |
|                | ALIGNED  |    |      |
|                | CHECKED  |    |      |
| NOTE BOOK      |          |    |      |
| NO.            |          |    |      |
| CADD FILE NAME |          |    |      |

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|--------------------------|----------|----|------|
| PROFILE                  | SURVEYED | BY | DATE |
|                          | NOTED    |    |      |
|                          | GRADES   |    |      |
|                          | CHECKED  |    |      |
| NOTE BOOK                |          |    |      |
| NO.                      |          |    |      |
| STRUCTURE NOTATIONS CHFD |          |    |      |



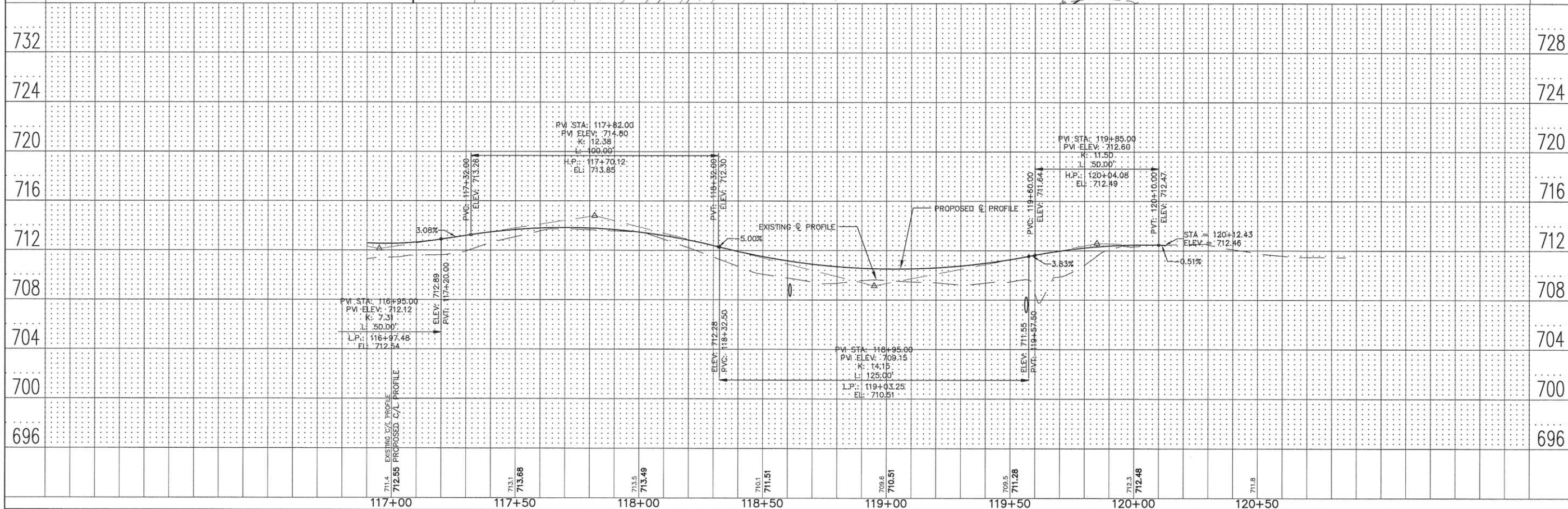
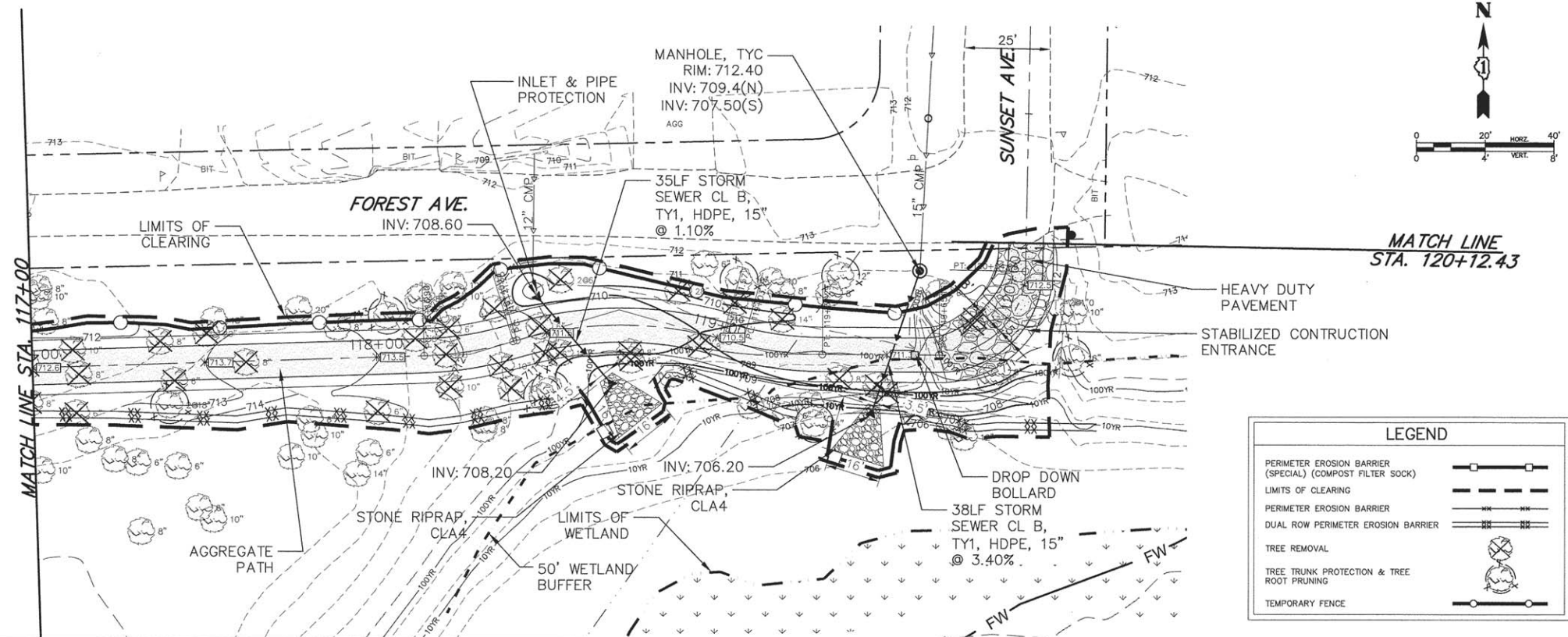
| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |





| PLAN       | DATE |
|------------|------|
| SURVEYED   | BY   |
| NOTED      | DATE |
| ALIGNED    |      |
| CHECKED    |      |
| PT. OF WAY |      |
| CHECKED    |      |
| NO.        |      |

| PROFILE    | DATE |
|------------|------|
| SURVEYED   | BY   |
| NOTED      | DATE |
| GRADES     |      |
| CHECKED    |      |
| B.M. NOTED |      |
| STRUCTURE  |      |
| NOTED      |      |
| NO.        |      |

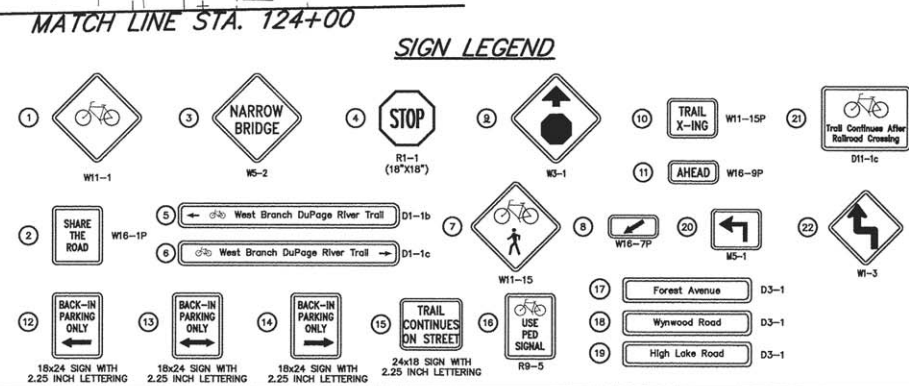
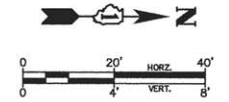
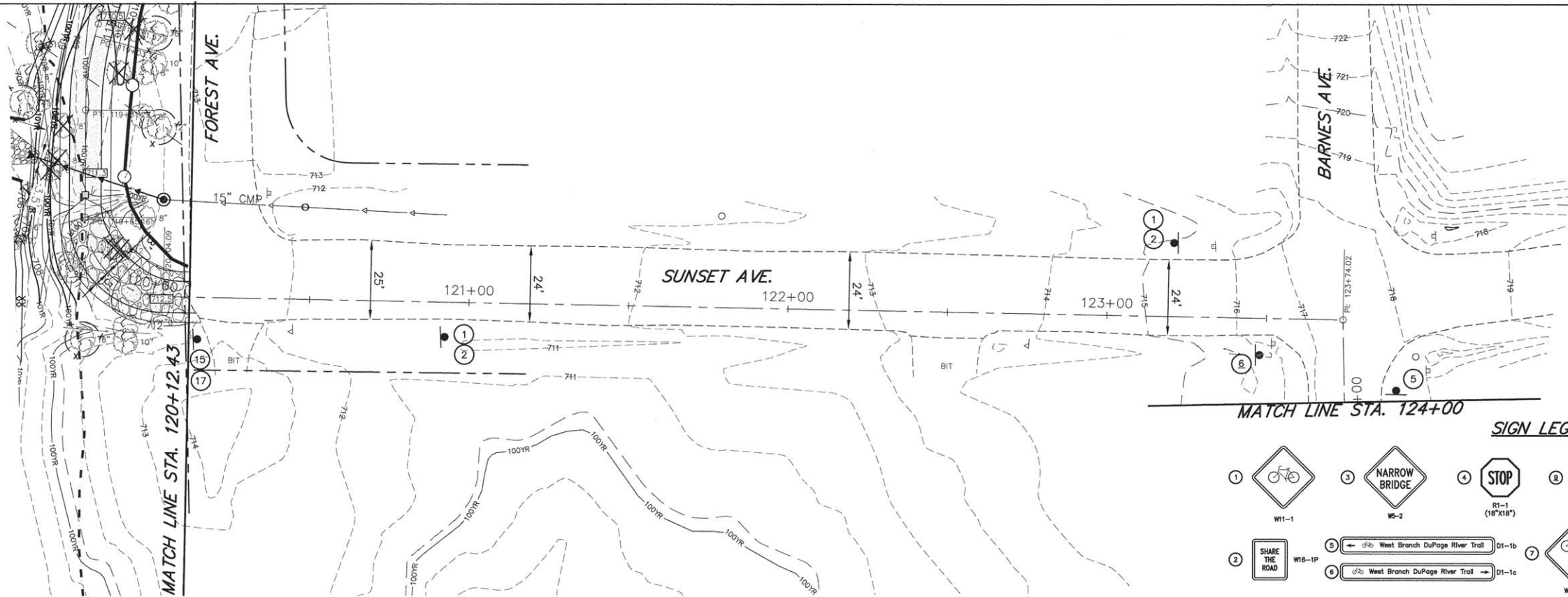


|  |                                              |                                                      |               |                      |                                                                 |                                                        |                    |                           |                  |                    |                 |
|--|----------------------------------------------|------------------------------------------------------|---------------|----------------------|-----------------------------------------------------------------|--------------------------------------------------------|--------------------|---------------------------|------------------|--------------------|-----------------|
|  | ENGINEERING RESOURCE ASSOCIATES, INC.        | USER NAME = rtonner                                  | DESIGNED - AK | REVISED - 04/13/2016 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL</b><br><b>WEST TRAIL</b> | F.A.U. R.T.C.<br>- | SECTION<br>I2-F3000-II-BT | COUNTY<br>DUPAGE | TOTAL SHEETS<br>86 | SHEET NO.<br>19 |
|  | CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS | FILE NAME = Branch Regional Trail\120607 FD Phase II | DRAWN - RT    | REVISED - 04/29/2016 |                                                                 |                                                        |                    |                           |                  |                    |                 |
|  | PLOT SCALE = 1"=40'                          | DATE = April 2016                                    | CHECKED - JM  | REVISED - ---        |                                                                 |                                                        |                    |                           |                  |                    |                 |
|  | PLOT DATE = 4/29/2016                        | DATE = April 2016                                    | REVISED - --- | REVISED - ---        |                                                                 |                                                        |                    |                           |                  |                    |                 |

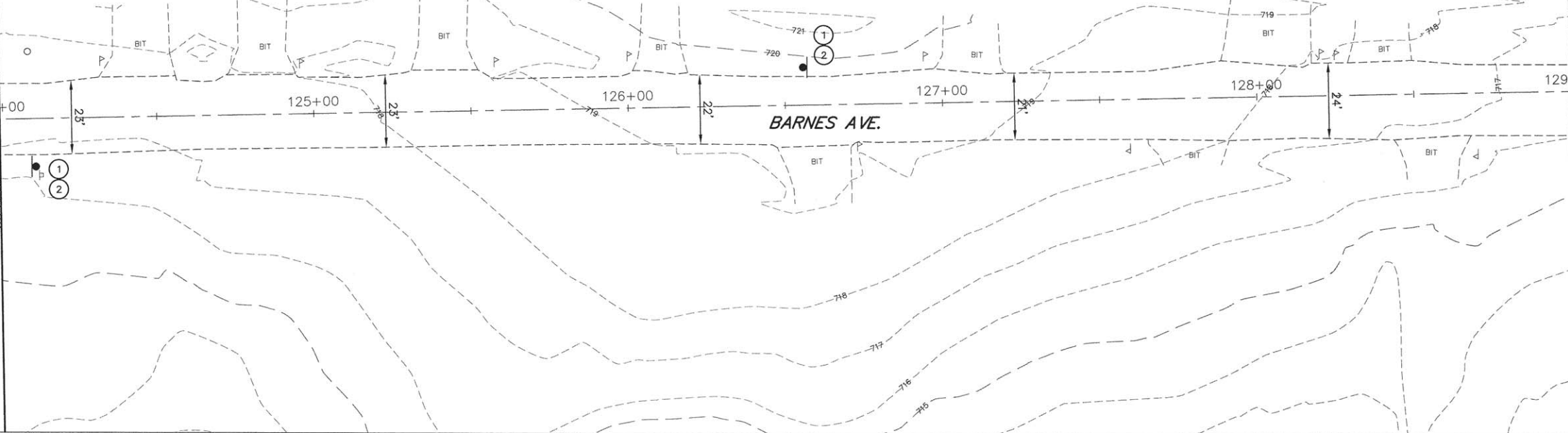
SCALE: 1"=20'H/1"=4'V SHEET 5 OF 29 SHEETS STA. 117+00 TO STA. 120+22.06 FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT CONTRACT NO. 61C60

|           |                    |      |
|-----------|--------------------|------|
| PLAN      | SURVEYED           | DATE |
|           | ALIGNED            | BY   |
|           | NOTE BOOK          |      |
|           | RT. OF WAY CHECKED |      |
| NO. _____ |                    |      |

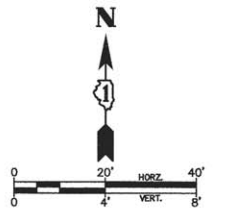
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| PROFILE   | SURVEYED                    | DATE |
|           | GRADES CHECKED              | BY   |
|           | NOTE BOOK                   |      |
|           | STRUCTURE NOTATIONS CHECKED |      |
| NO. _____ |                             |      |



MATCH LINE STA. 124+00



MATCH LINE STA. 129+00



NOTE:  
ALL SIGNS SHOWN ON THIS  
SHEET SHALL BE  
HIGH-INTENSITY, VANDAL  
PROOF.



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = W:\DuPage County Forest Preserve\120607 West  
Branch Regional Trail\120607.D Phase II  
PLOT SCALE = 1"=20' H  
PLOT DATE = 4/29/2016

|          |   |            |
|----------|---|------------|
| DESIGNED | - | AK         |
| DRAWN    | - | RT         |
| CHECKED  | - | JM         |
| DATE     | - | April 2016 |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ON-STREET ALIGNMENT PLAN-WEST TRAIL

SCALE: 1"=20' H

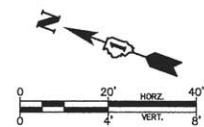
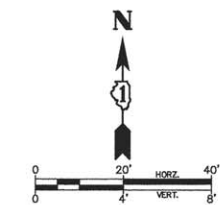
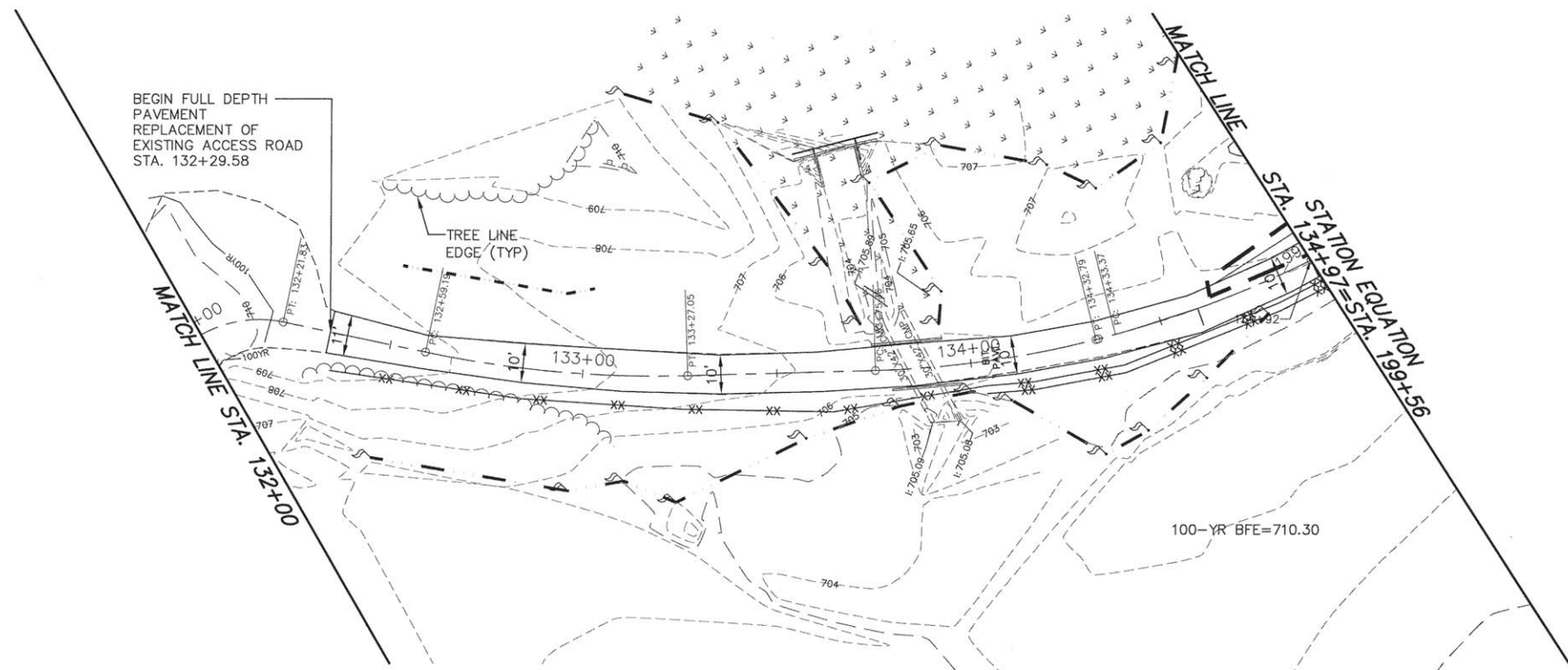
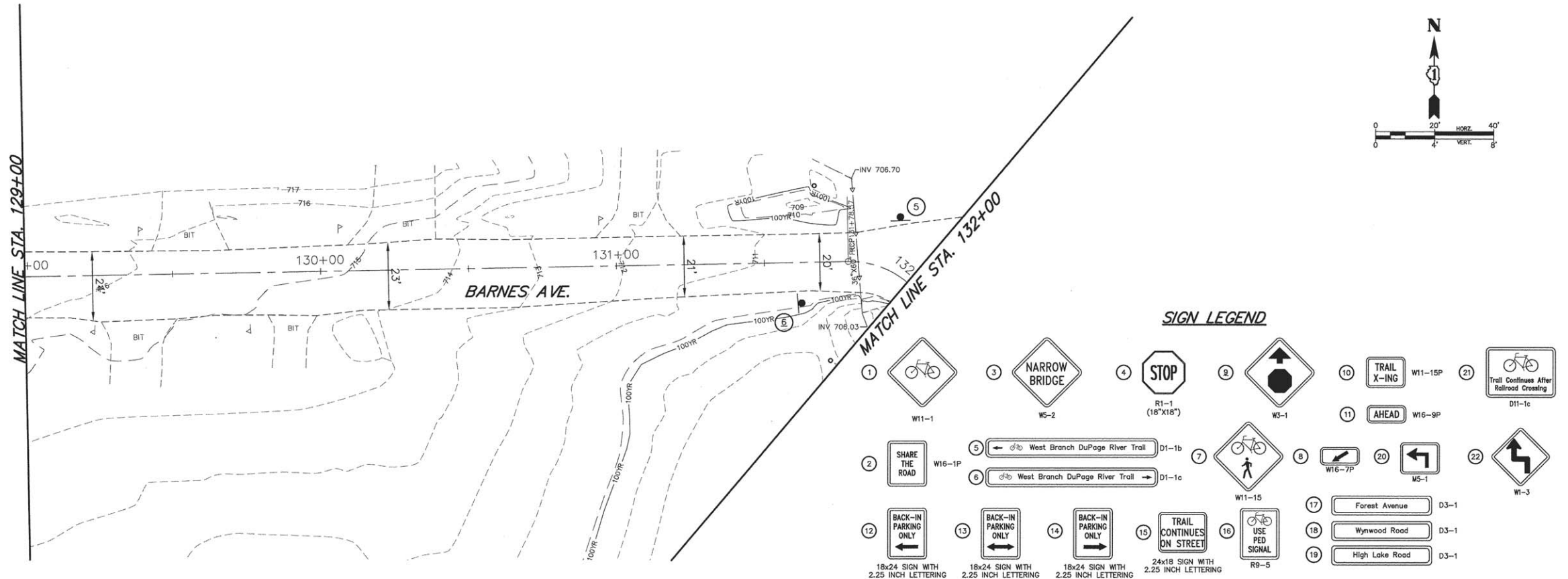
SHEET 1 OF 10 SHEETS

STA. 120+12.43 TO STA. 129+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 20           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

|      |                    |    |      |
|------|--------------------|----|------|
| PLAN | SURVEYED           | BY | DATE |
|      | NOTED              |    |      |
|      | RT. OF WAY CHECKED |    |      |
|      | NO. _____          |    |      |
|      | DATE _____         |    |      |

|         |                    |    |      |
|---------|--------------------|----|------|
| PROFILE | SURVEYED           | BY | DATE |
|         | NOTED              |    |      |
|         | RT. OF WAY CHECKED |    |      |
|         | NO. _____          |    |      |
|         | DATE _____         |    |      |



NOTE:  
ALL SIGNS SHOWN ON THIS  
SHEET SHALL BE  
HIGH-INTENSITY, VANDAL  
PROOF.



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = Branch Regional Trail\20607 FD Phase II  
PLOT SCALE = 1"=20'-0"

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/29/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

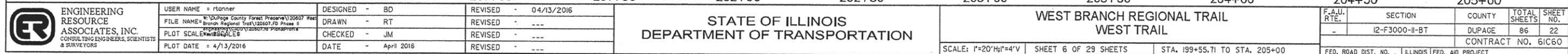
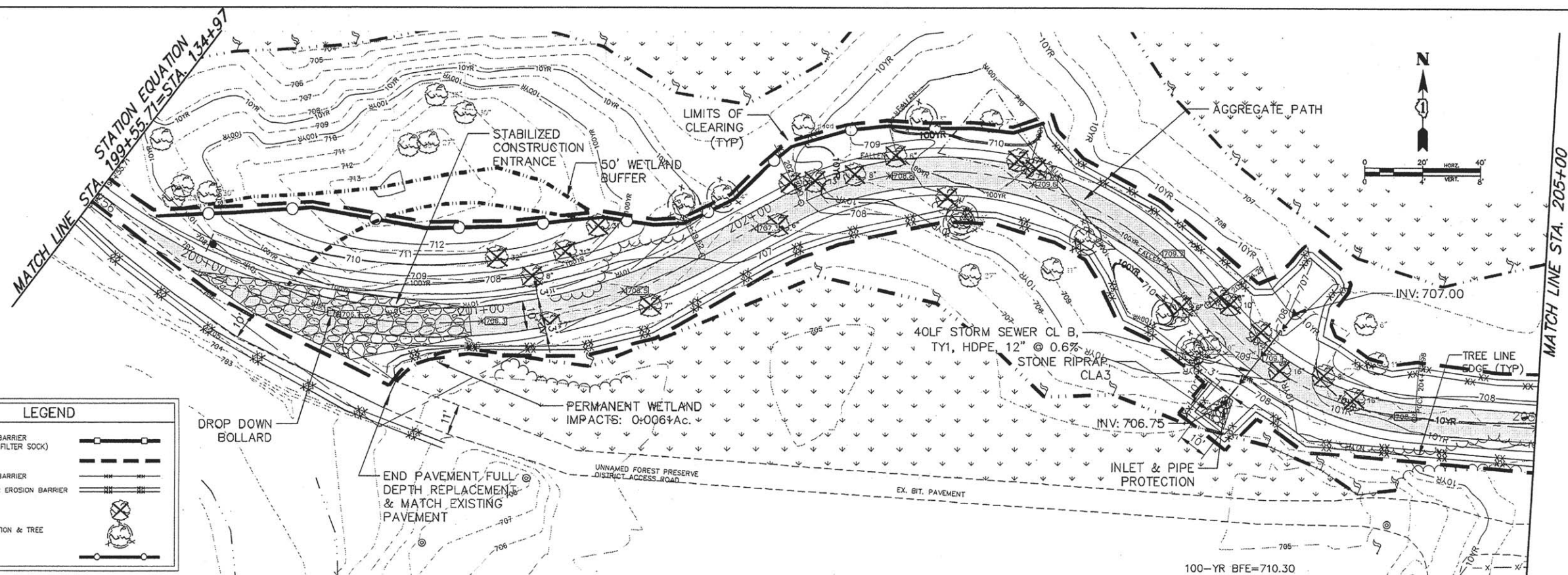
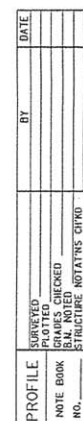
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ON-STREET ALIGNMENT-WEST TRAIL

SCALE: 1"=20'-0" SHEET 2 OF 10 SHEETS STA. 129+00 TO STA. 134+97

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO.       |
|-------------------------------------------------|----------------|--------|-----------------|--------------------|
| -                                               | 12-F3000-II-BT | DUPAGE | 86              | 21                 |
|                                                 |                |        |                 | CONTRACT NO. 61C60 |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |                    |

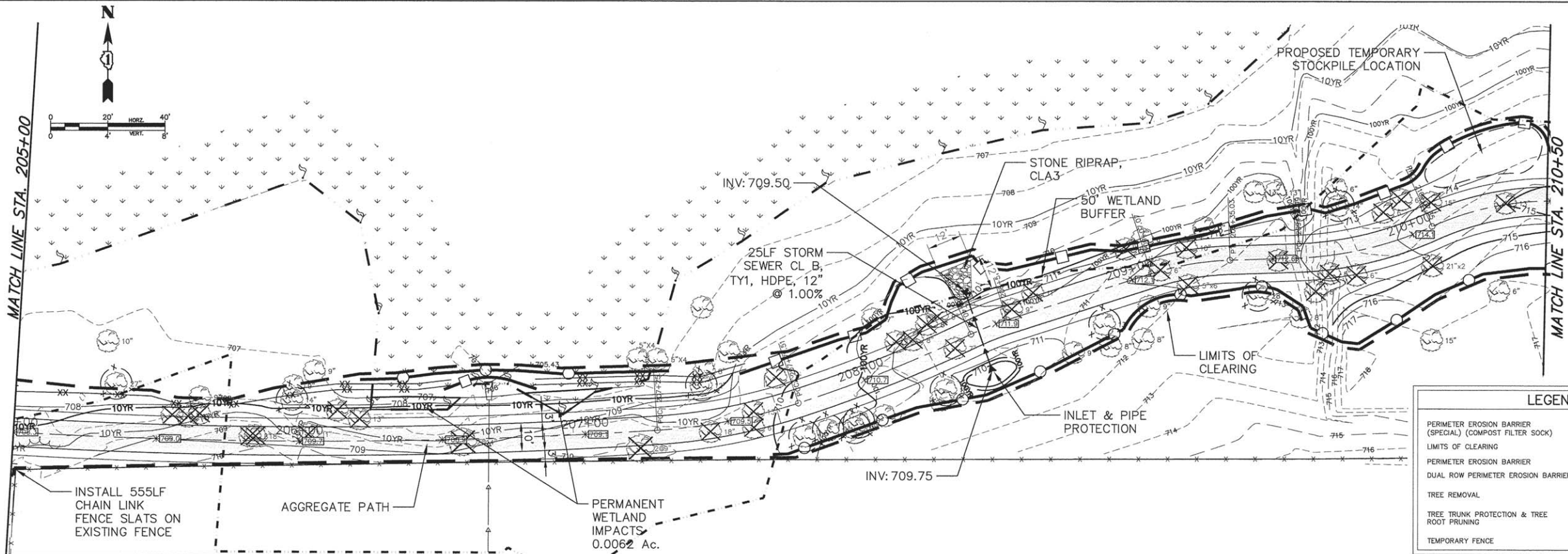




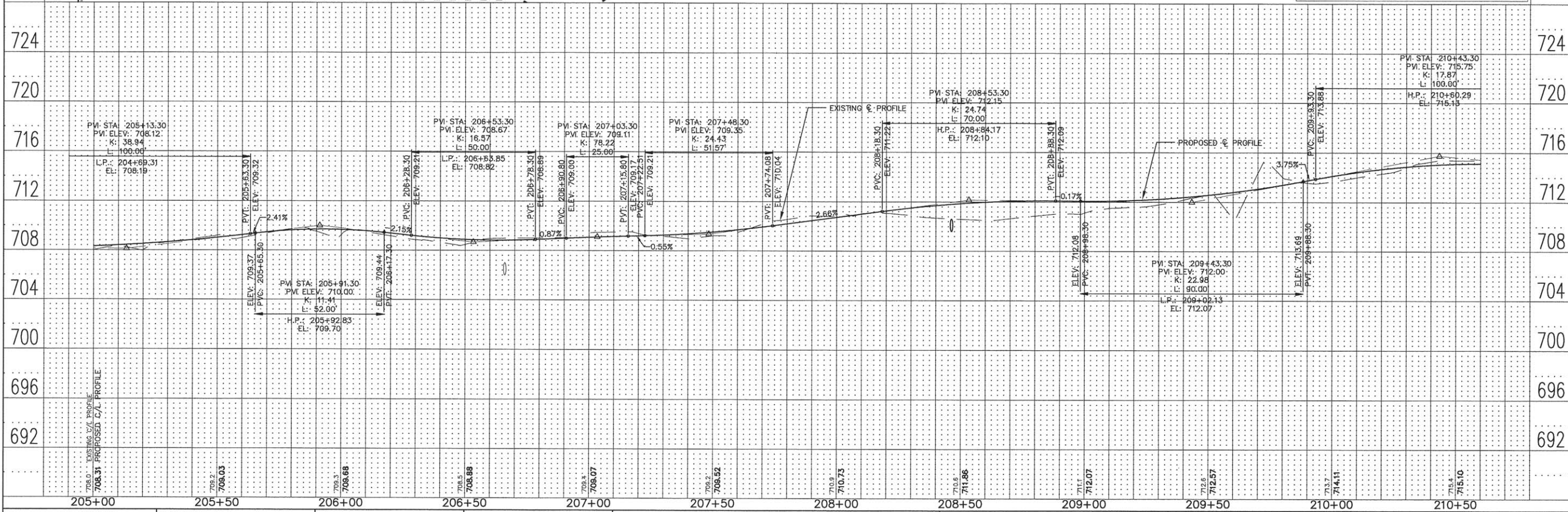


| PLAN      | DATE | BY | DATE |
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| SURVEYED  |      |    |      |
| DESIGNED  |      |    |      |
| CHECKED   |      |    |      |
| IN CHARGE |      |    |      |
| NOTE BOOK |      |    |      |
| FILE NAME |      |    |      |
| NO.       |      |    |      |

| PROFILE   | DATE | BY | DATE |
|-----------|------|----|------|
| SURVEYED  |      |    |      |
| DESIGNED  |      |    |      |
| CHECKED   |      |    |      |
| IN CHARGE |      |    |      |
| NOTE BOOK |      |    |      |
| FILE NAME |      |    |      |
| NO.       |      |    |      |



| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |

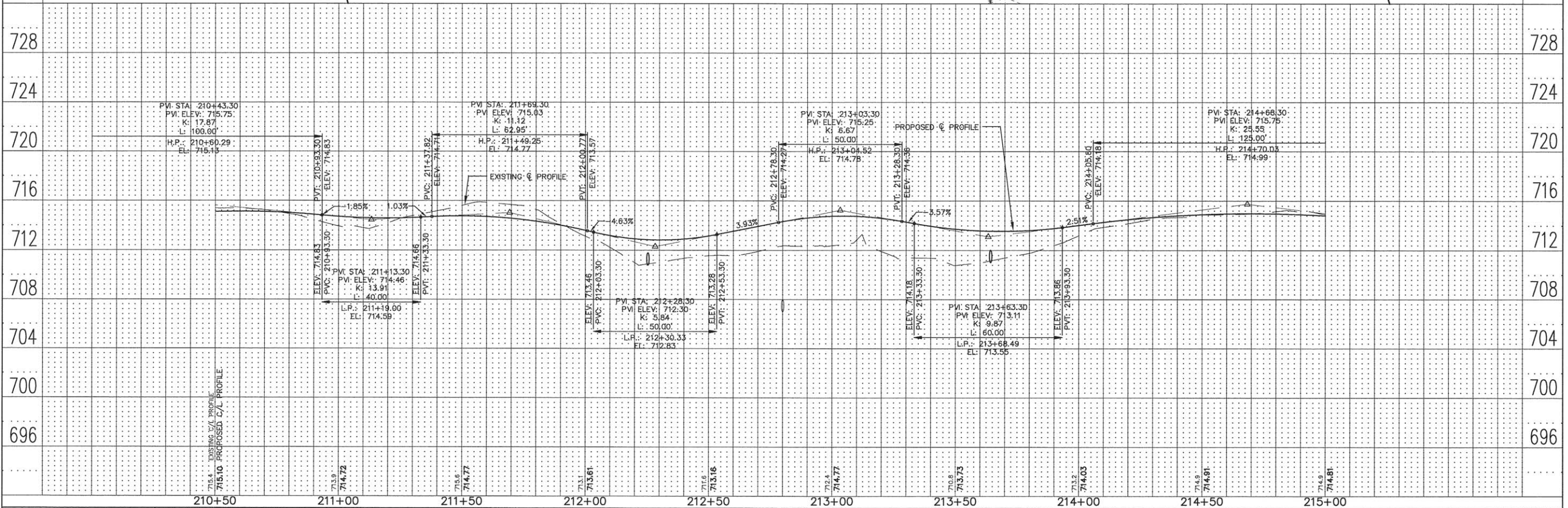
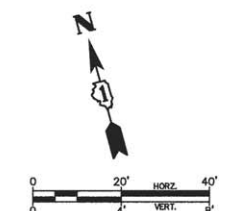
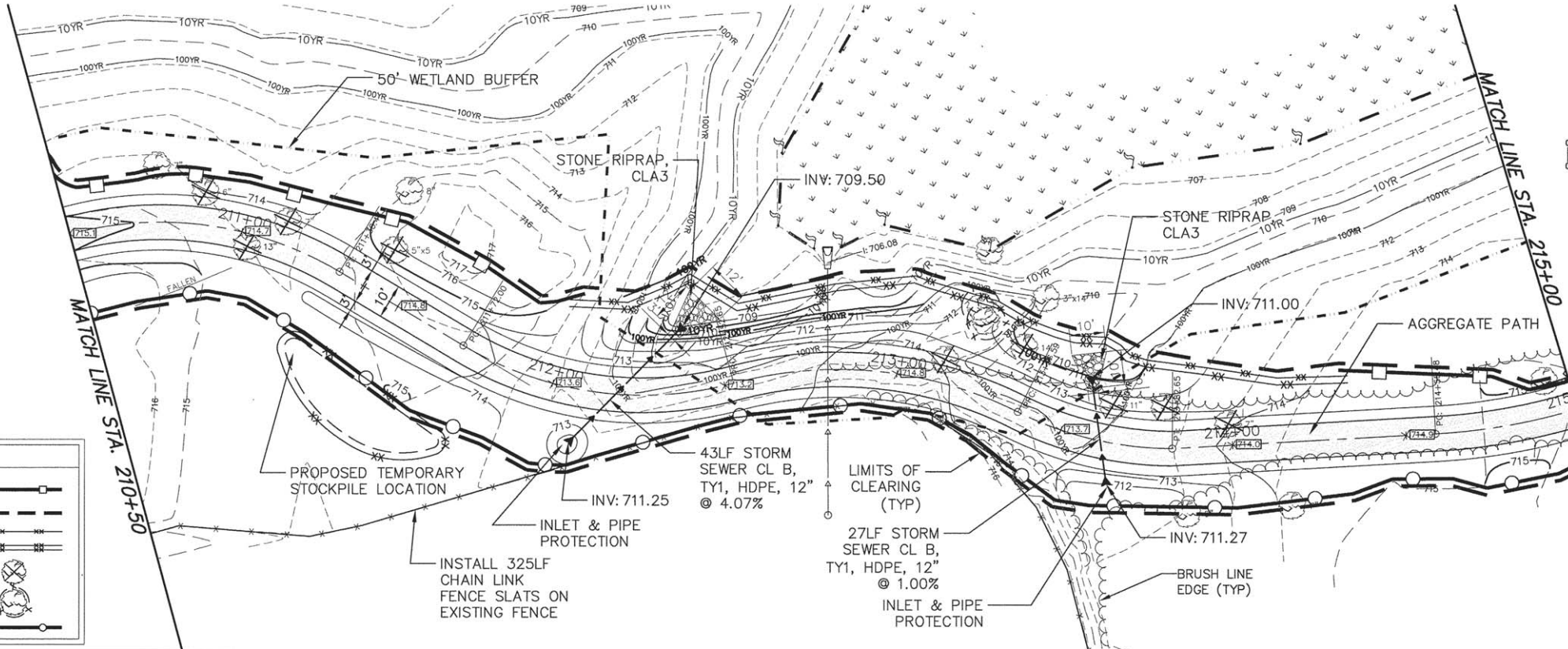


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|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <br><b>ENGINEERING RESOURCE ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS | USER NAME = rtonner<br>FILE NAME = Branch Regional Trail\120607.FD Phase II<br>PLOT SCALE = 1"=40' | DESIGNED - AK<br>DRAWN - RT<br>CHECKED - JM<br>DATE - April 2016 | REVISED - 04/13/2016<br>REVISED - ---<br>REVISED - ---<br>REVISED - --- | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL</b><br><b>WEST TRAIL</b> | F.A.U. RTE. -<br>SECTION 12-F3000-II-BT<br>COUNTY DUPAGE<br>TOTAL SHEETS 86<br>SHEET NO. 23<br>CONTRACT NO. 61C60 |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|

SCALE: 1"=20'H=4'V SHEET 7 OF 29 SHEETS STA. 205+00 TO STA. 210+50



|           |                                 |          |            |
|-----------|---------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                  | BY _____ | DATE _____ |
|           | PLOTTED _____                   |          |            |
| NOTE BOOK | GRADES CHECKED _____            |          |            |
|           | B.M. NOTED _____                |          |            |
| NO.       | STRUCTURE NOTATIONS CHK'D _____ |          |            |

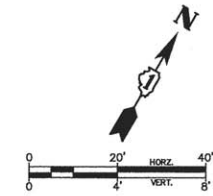
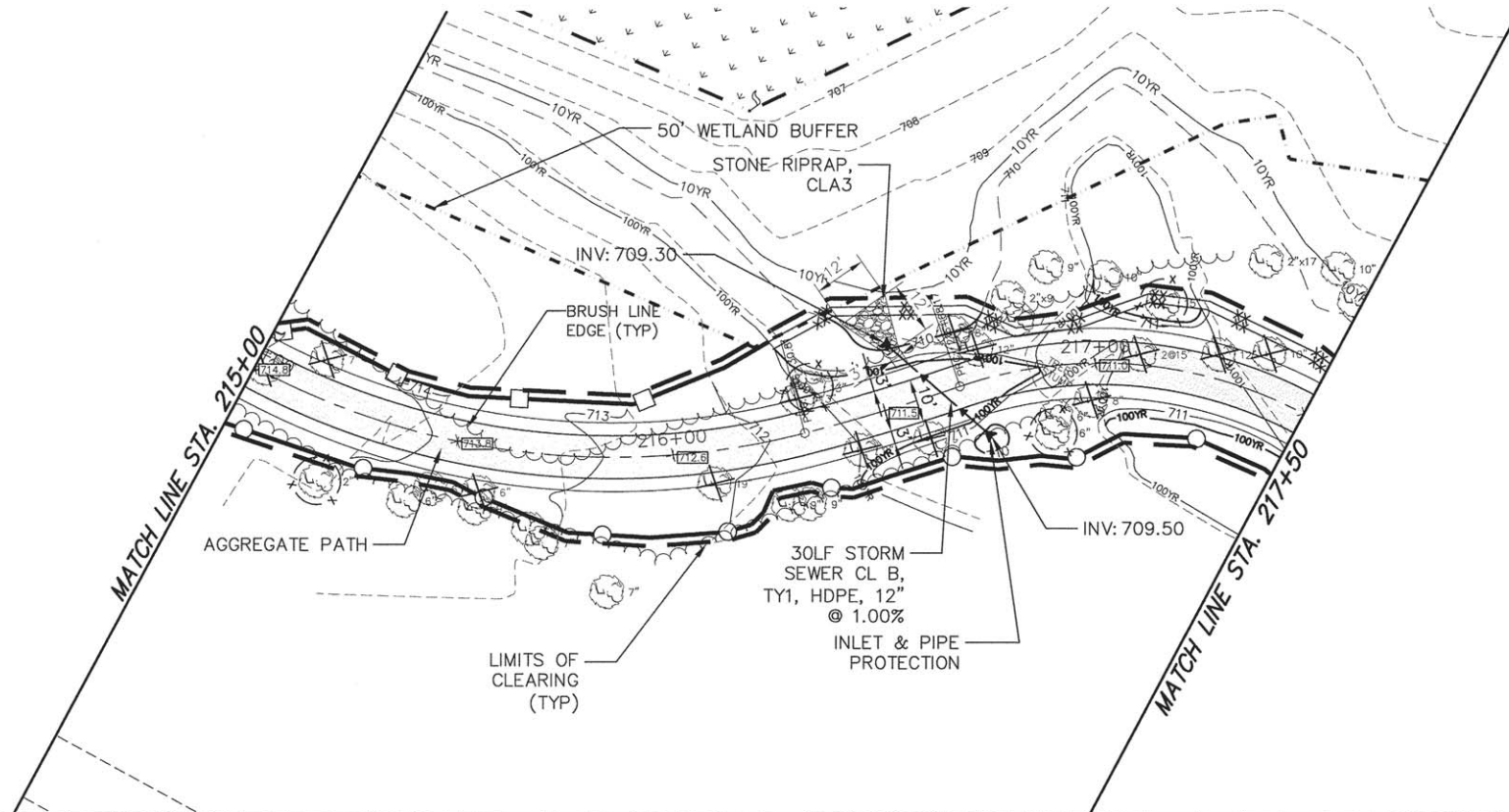


|                                                                                                                                                                                             |                                                                                                                                                                                                                |                                                                  |                                                                                     |                                                           |  |  |                                                  |  |  |  |                      |                            |                    |                       |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|--|--|--------------------------------------------------|--|--|--|----------------------|----------------------------|--------------------|-----------------------|--------------------|
|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME = rtknner<br>FILE NAME = W:\UpPage County Forest Preserve\120607 West Branch Regional Trail\120607JD Phase II engineering\120607JD Phase II.dwg<br>PLOT SCALE = 1"=40'±1.6'<br>PLOT DATE = 4/13/2016 | DESIGNED - AK<br>DRAWN - RT<br>CHECKED - JM<br>DATE - April 2016 | REVISED - 04/13/2016<br>REVISED - - - - -<br>REVISED - - - - -<br>REVISED - - - - - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> |  |  | <b>WEST BRANCH REGIONAL TRAIL<br/>WEST TRAIL</b> |  |  |  | F.A.U.<br>R.T.E.     | SECTION<br>I2-F3000-II-BT  | COUNTY<br>DUPAGE   | TOTAL<br>SHEETS<br>86 | SHEET<br>NO.<br>24 |
|                                                                                                                                                                                             | SCALE: 1"=20'1/4"=4'V                                                                                                                                                                                          |                                                                  |                                                                                     |                                                           |  |  |                                                  |  |  |  | SHEET 8 OF 29 SHEETS | STA. 210+50 TO STA. 215+00 | CONTRACT NO. 61C60 |                       |                    |
|                                                                                                                                                                                             | FED. ROAD DIST. NO. 11 IN ILL.                                                                                                                                                                                 |                                                                  |                                                                                     |                                                           |  |  | FED. AID PROJECT                                 |  |  |  |                      |                            |                    |                       |                    |

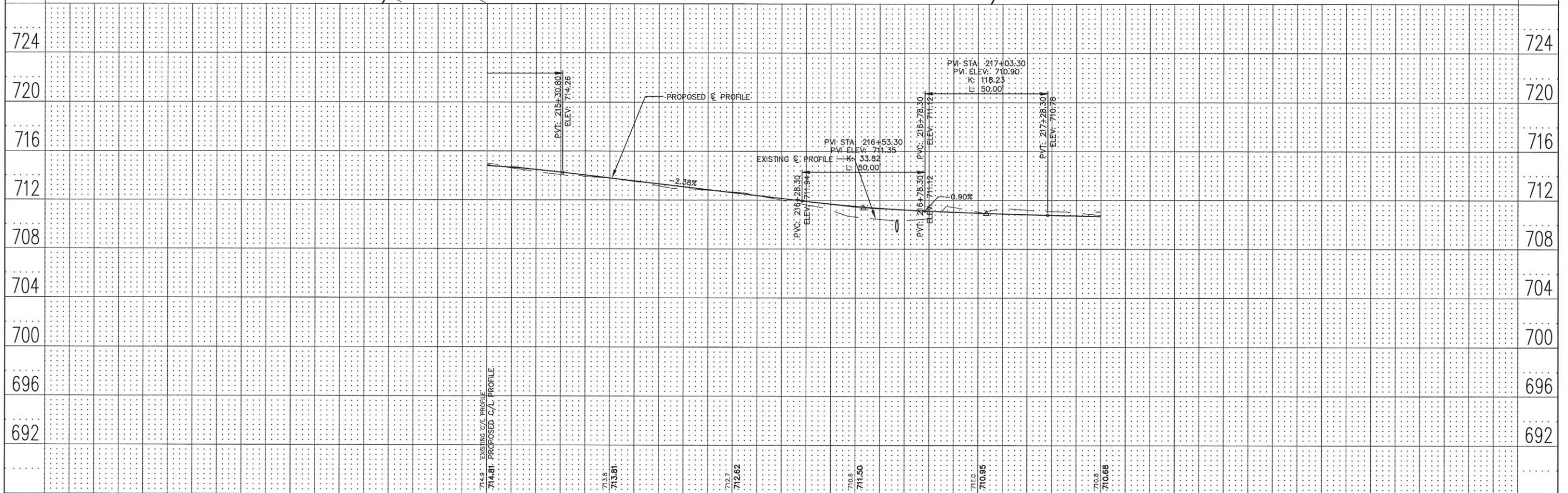


|         |                          |    |      |
|---------|--------------------------|----|------|
| PLAN    | DESIGNED                 | BY | DATE |
|         | NOTED                    |    |      |
| PROFILE | GRADES CHECKED           |    |      |
|         | STRUCTURE NOTATIONS OK'D |    |      |

|         |                          |    |      |
|---------|--------------------------|----|------|
| PROFILE | DESIGNED                 | BY | DATE |
|         | NOTED                    |    |      |
| PLAN    | GRADES CHECKED           |    |      |
|         | STRUCTURE NOTATIONS OK'D |    |      |



| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |



|                                                                                     |                                                                                                                                         |  |                     |               |                                                 |                                                   |                                          |        |                      |                            |         |        |              |           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|---------------|-------------------------------------------------|---------------------------------------------------|------------------------------------------|--------|----------------------|----------------------------|---------|--------|--------------|-----------|
|  | ENGINEERING RESOURCE ASSOCIATES, INC.<br>CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS                                                   |  | USER NAME = rtanner | DESIGNED - AK | REVISED - 04/13/2016                            | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>WEST TRAIL |        |                      | F.A.U. RTE.                | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                     | FILE NAME = W:\UpPage County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II Engineering\120607\120607-10 Plan.dwg |  | DRAWN - RT          | REVISED - --- | -                                               |                                                   | 12-F3000-II-BT                           | DUPAGE | 86                   | 25                         |         |        |              |           |
|                                                                                     | PLOT SCALE = 1"=40'                                                                                                                     |  | CHECKED - JM        | REVISED - --- | CONTRACT NO. 61C60                              |                                                   |                                          |        |                      |                            |         |        |              |           |
|                                                                                     | PLOT DATE = 4/21/2016                                                                                                                   |  | DATE = April 2016   | REVISED - --- | FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                                                   |                                          |        |                      |                            |         |        |              |           |
|                                                                                     |                                                                                                                                         |  |                     |               |                                                 | 215+00                                            | 215+50                                   | 216+00 | 216+50               | 217+00                     | 217+50  |        |              |           |
|                                                                                     |                                                                                                                                         |  |                     |               |                                                 | SCALE: 1"=20'H=4'V                                |                                          |        | SHEET 9 OF 29 SHEETS | STA. 215+00 TO STA. 217+50 |         |        |              |           |



|           |               |      |
|-----------|---------------|------|
| PLAN      | SURVEYED      | DATE |
| NOTE BOOK | ALIGNED       | BY   |
| NO.       | CHECKED       |      |
|           | CAD FILE NAME |      |

|           |                          |      |
|-----------|--------------------------|------|
| PROFILE   | SURVEYED                 | DATE |
| NOTE BOOK | GRADES CHECKED           | BY   |
| NO.       | NOTED                    |      |
|           | PLANT DATE NOTATIONS CHD |      |

**LEGEND**

PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK)

LIMITS OF CLEARING

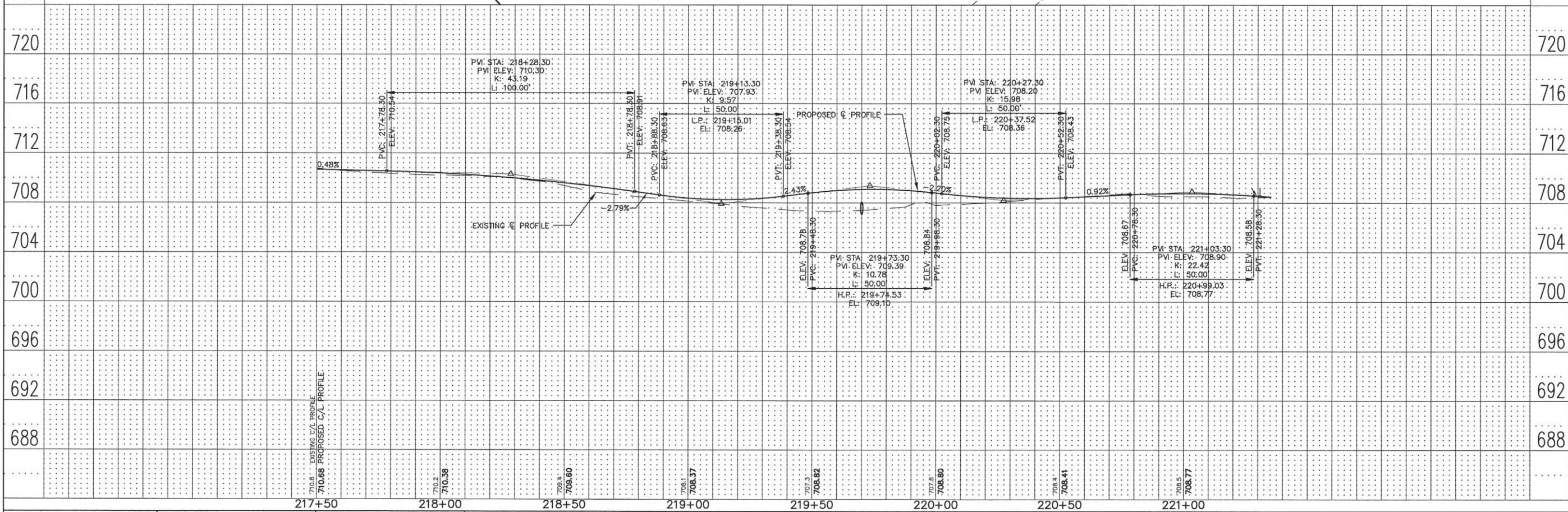
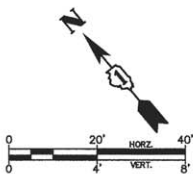
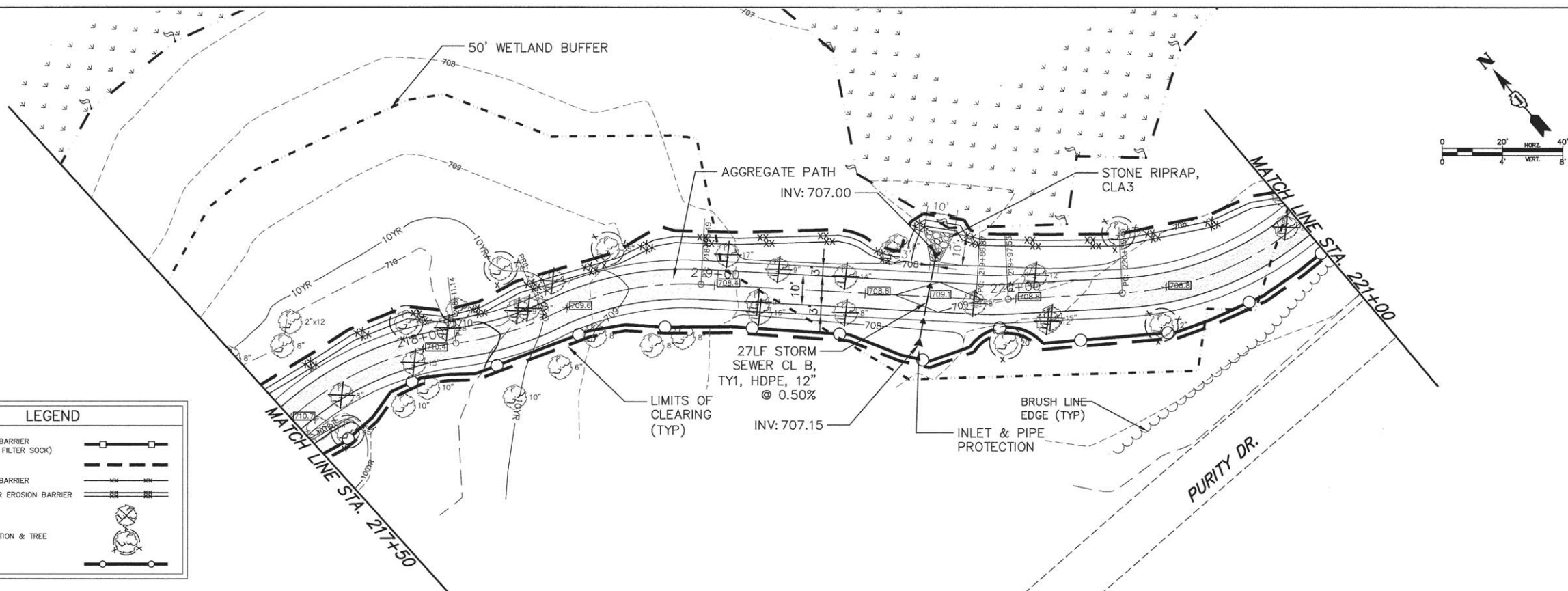
PERIMETER EROSION BARRIER

DUAL ROW PERIMETER EROSION BARRIER

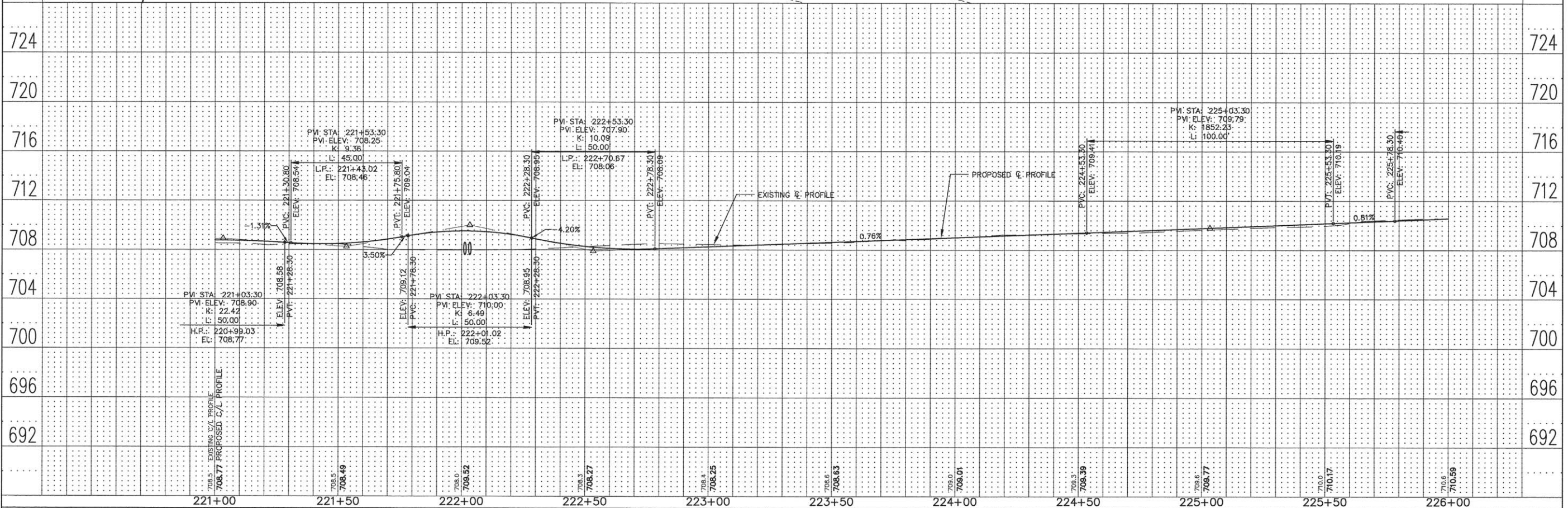
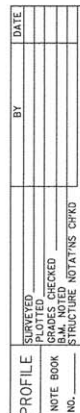
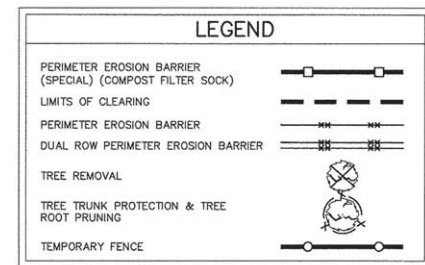
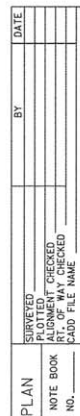
TREE REMOVAL

TREE TRUNK PROTECTION & TREE ROOT PRUNING

TEMPORARY FENCE



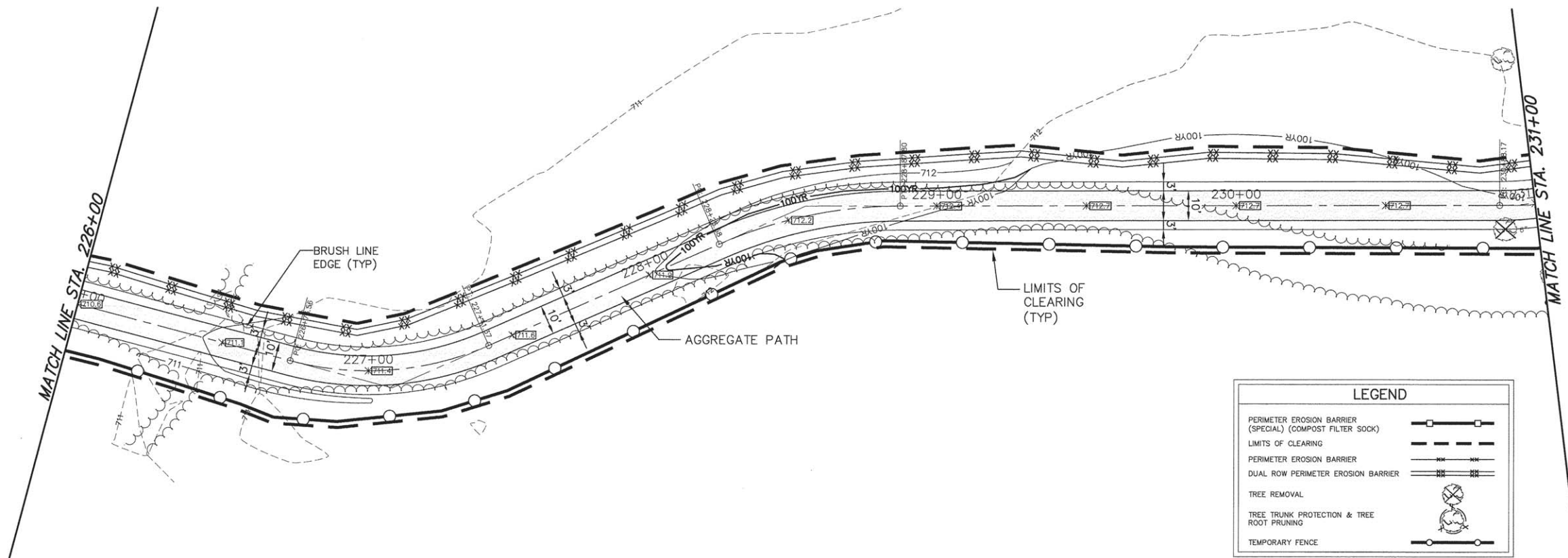




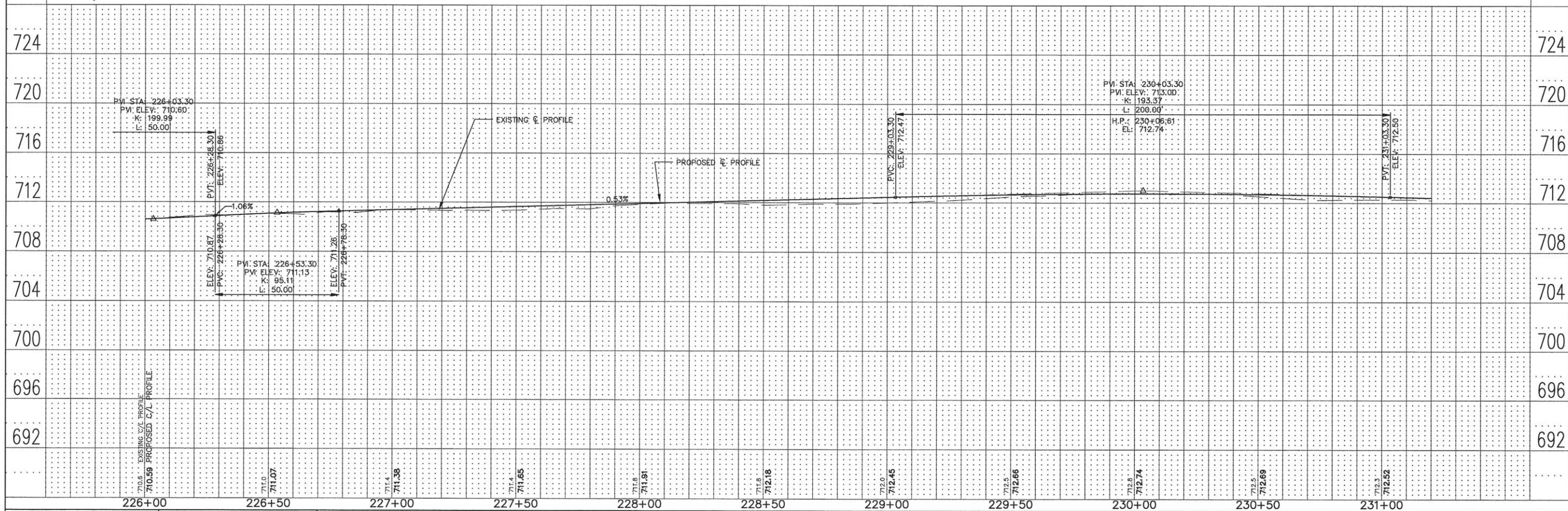


|      |                |    |      |
|------|----------------|----|------|
| PLAN | SURVEYED       | BY | DATE |
|      | NOTE BOOK      |    |      |
|      | ALIGNED        |    |      |
|      | CHECKED        |    |      |
|      | NO.            |    |      |
|      | CADD FILE NAME |    |      |

|         |                         |    |      |
|---------|-------------------------|----|------|
| PROFILE | DESIGNED                | BY | DATE |
|         | PLOTTED                 |    |      |
|         | GRADES CHECKED          |    |      |
|         | STRUCTURE NOTATIONS CHD |    |      |
|         | NO.                     |    |      |



| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |



|                                                                                     |                                                                                                                                        |  |                     |               |                      |                                                   |                                          |                       |                            |                       |         |                           |                 |              |                    |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|---------------|----------------------|---------------------------------------------------|------------------------------------------|-----------------------|----------------------------|-----------------------|---------|---------------------------|-----------------|--------------|--------------------|
|  | ENGINEERING<br>RESOURCE<br>ASSOCIATES, INC.<br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS                                         |  | USER NAME = rtanner | DESIGNED - AK | REVISED - 04/13/2016 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>WEST TRAIL |                       |                            | F.A.U.<br>RTE.        | SECTION | COUNTY                    | TOTAL<br>SHEETS | SHEET<br>NO. | CONTRACT NO. 6IC60 |
|                                                                                     | FILE NAME = \\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II Engineering\120607\120607120 Phase II |  | DRAWN - RT          | REVISED -     | -                    |                                                   | I2-F3000-II-BT                           | DUPAGE                | 86                         | 28                    |         |                           |                 |              |                    |
|                                                                                     | PLOT SCALE = 1"=40'                                                                                                                    |  | CHECKED - JM        | REVISED -     |                      |                                                   |                                          |                       |                            |                       |         |                           |                 |              |                    |
|                                                                                     | PLOT DATE = 4/13/2016                                                                                                                  |  | DATE - April 2016   | REVISED -     |                      |                                                   |                                          |                       |                            |                       |         |                           |                 |              |                    |
|                                                                                     |                                                                                                                                        |  |                     |               |                      |                                                   | SCALE: 1"=20'H=4'V                       | SHEET 12 OF 29 SHEETS | STA. 226+00 TO STA. 231+00 | FED. ROAD DIST. NO. - |         | ILLINOIS FED. AID PROJECT |                 |              |                    |

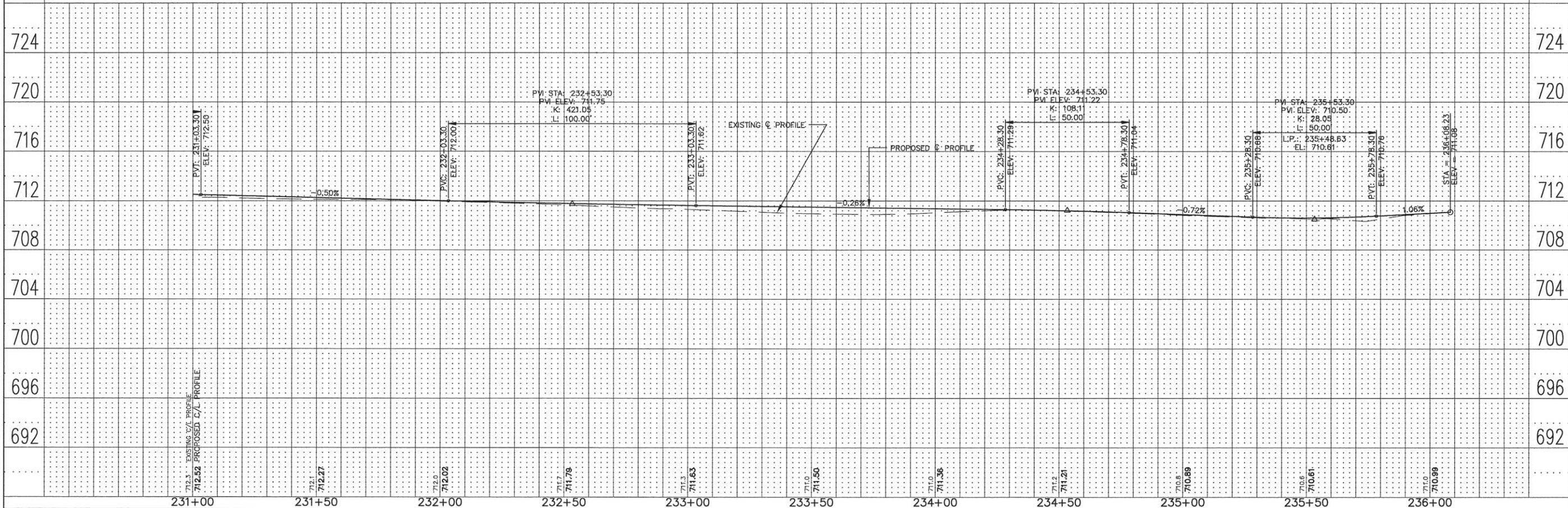
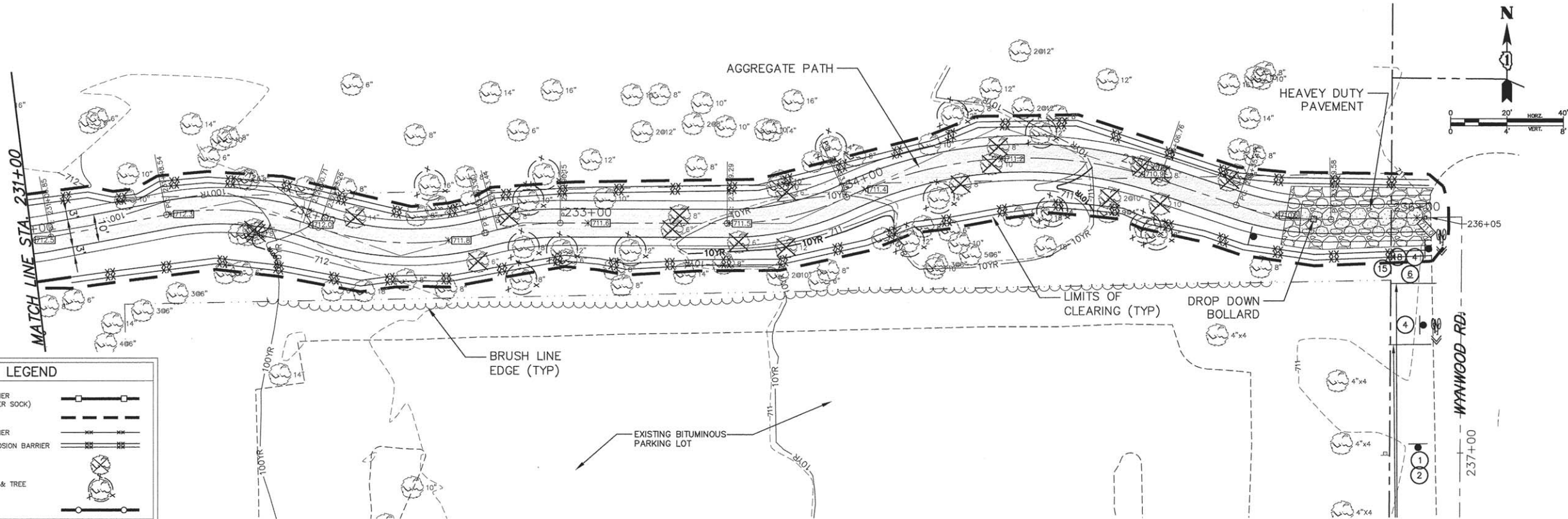


|           |           |      |
|-----------|-----------|------|
| PLAN      | SURVEYED  | DATE |
| NOTE BOOK | PLOTTED   | BY   |
| NO.       | CHECKED   |      |
|           | STRUCTURE |      |
|           | NOTATIONS |      |

|           |           |      |
|-----------|-----------|------|
| PROFILE   | SURVEYED  | DATE |
| NOTE BOOK | PLOTTED   | BY   |
| NO.       | CHECKED   |      |
|           | STRUCTURE |      |
|           | NOTATIONS |      |

**LEGEND**

- PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK)
- LIMITS OF CLEARING
- PERIMETER EROSION BARRIER
- DUAL ROW PERIMETER EROSION BARRIER
- TREE REMOVAL
- TREE TRUNK PROTECTION & TREE ROOT PRUNING
- TEMPORARY FENCE

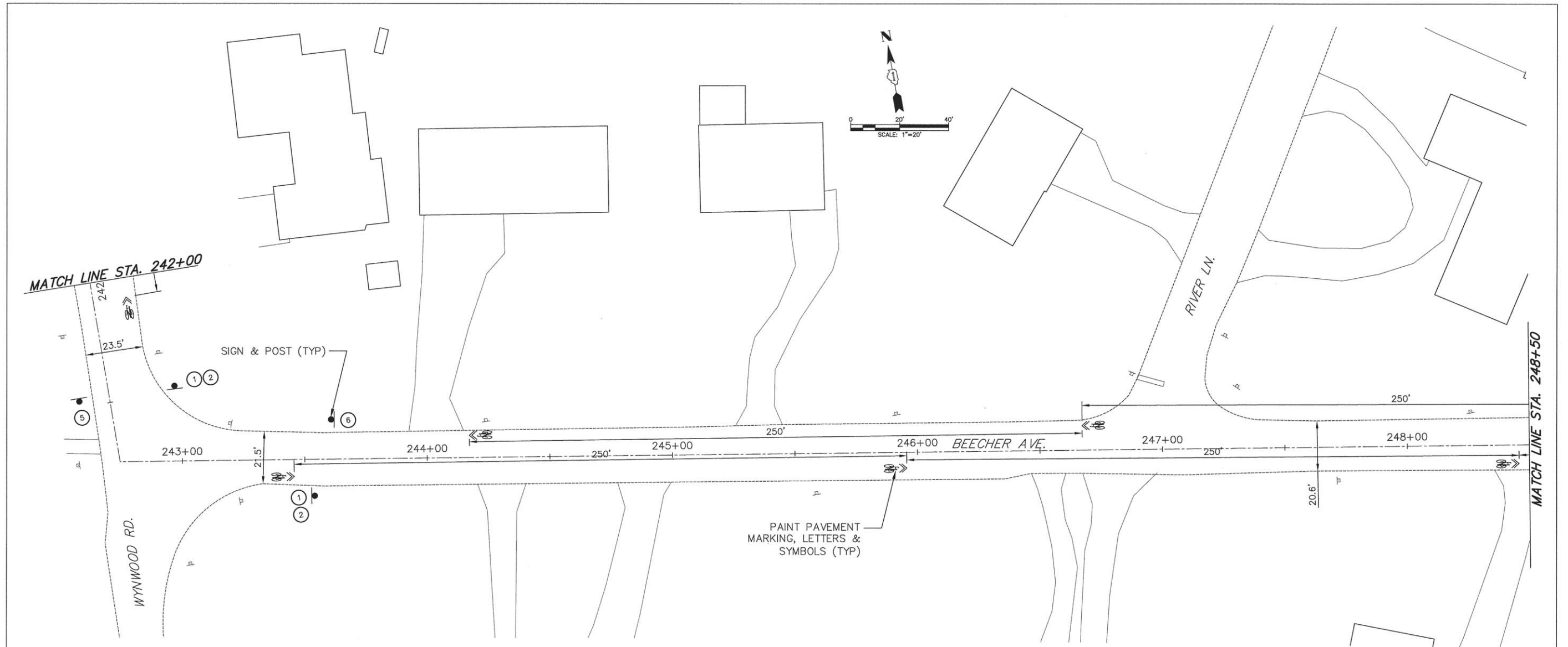




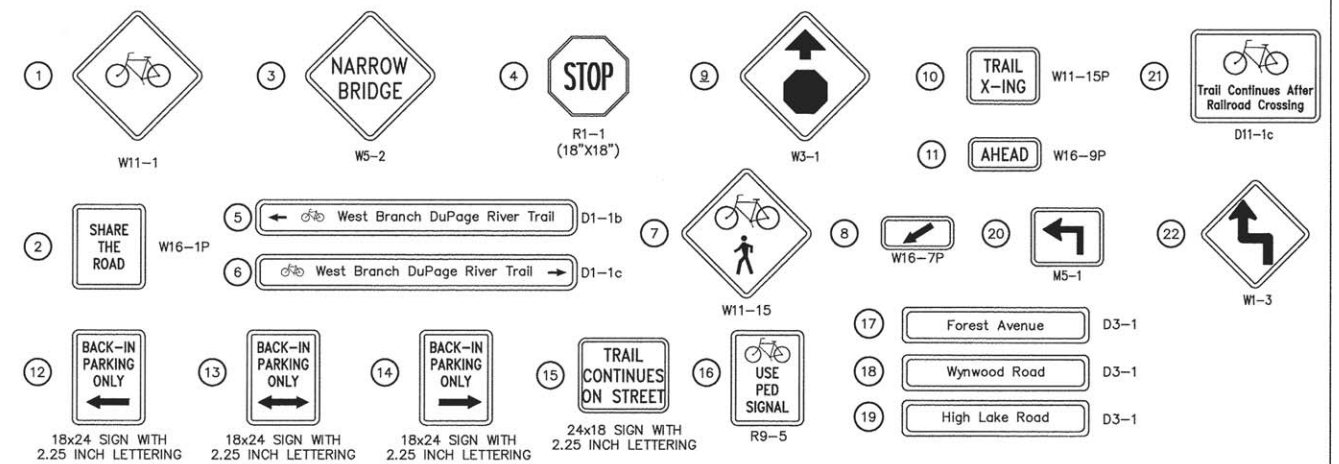


| PLAN     | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    | DATE |
| NO.      | DATE |

| PROFILE  | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    | DATE |
| NO.      | DATE |



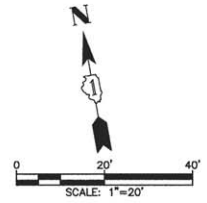
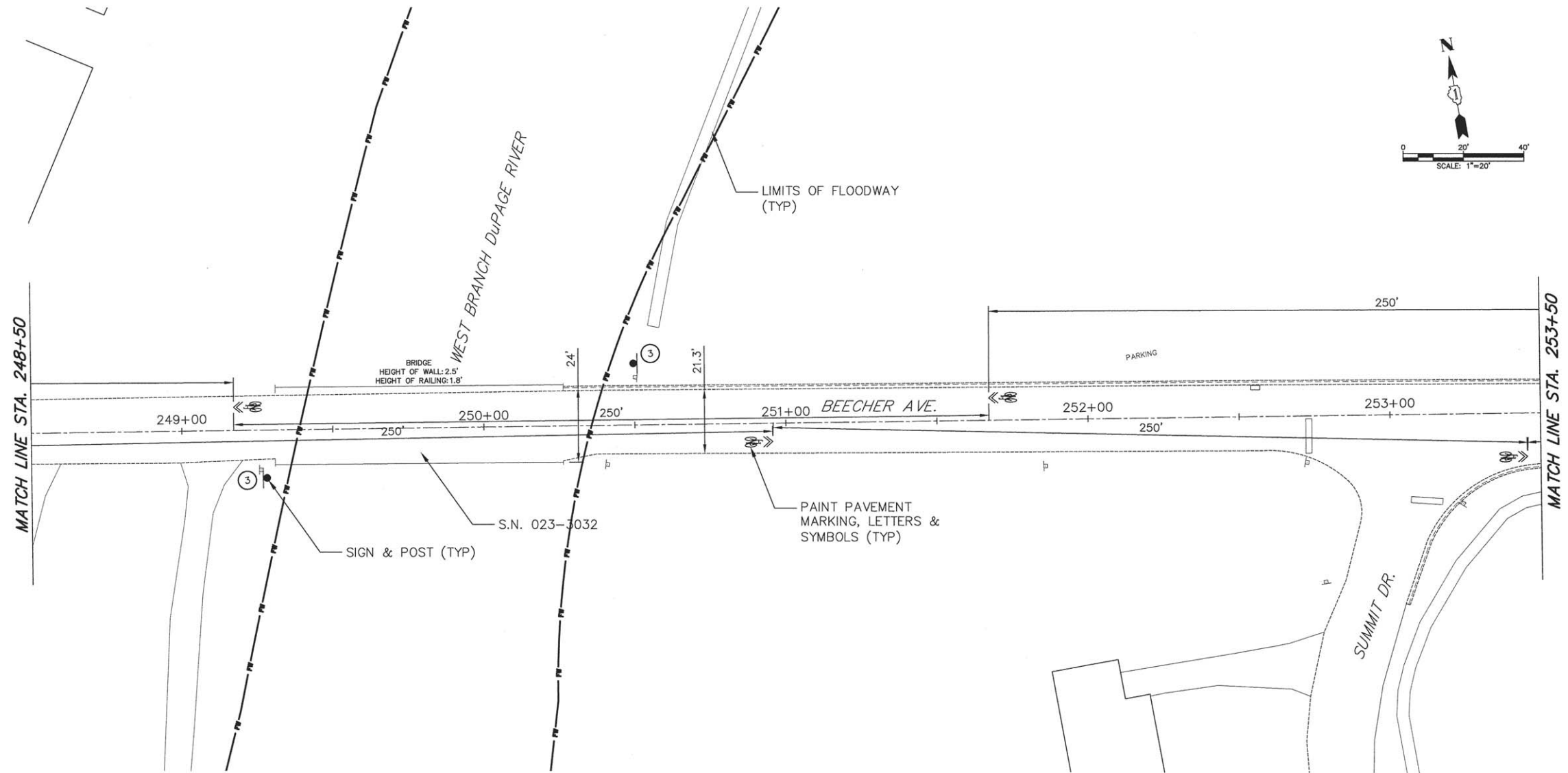
# SIGN LEGEND



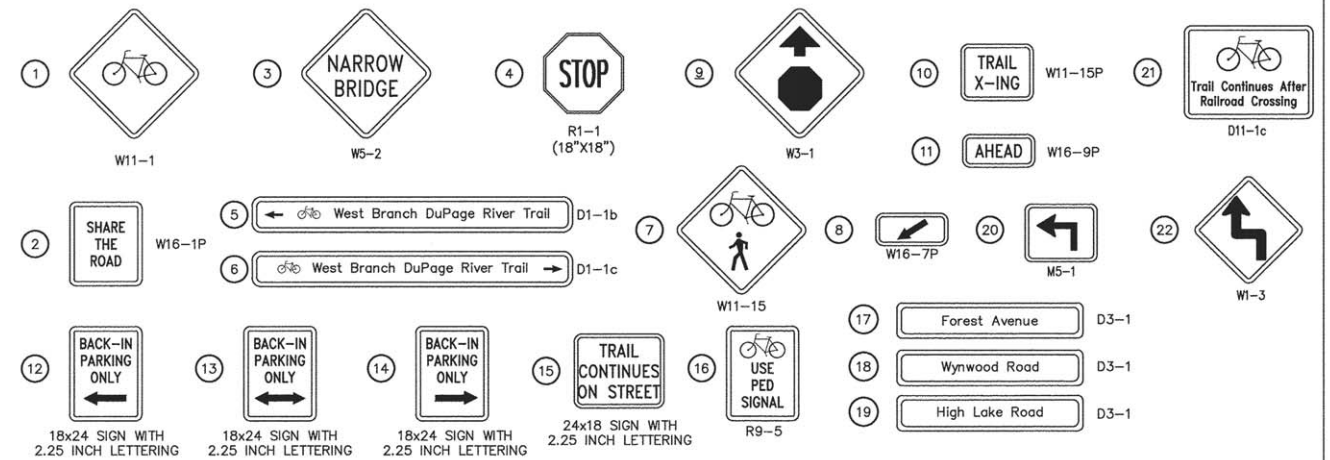
|                                                                                              |                                                                                                                                                                             |                                                                       |                                                      |                                                                 |                                                                               |                                                                                                                    |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>ENGINEERING RESOURCE ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS | USER NAME = Eric Wilde<br>FILE NAME = W:\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607 FD Phase II<br>PLOT SCALE = 1"=20'<br>PLOT DATE = 4/11/2016 | DESIGNED -- AK<br>DRAWN -- RT<br>CHECKED -- JM<br>DATE -- April, 2016 | REVISED --<br>REVISED --<br>REVISED --<br>REVISED -- | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL</b><br><b>PROPOSED ON-STREET ALIGNMENT PLAN</b> | F.A.U. RTE. --<br>SECTION 12-F3000-II-BT<br>COUNTY DUPAGE<br>TOTAL SHEETS 86<br>SHEET NO. 31<br>CONTRACT NO. 61C60 |
|                                                                                              |                                                                                                                                                                             |                                                                       |                                                      | SCALE: 1"=20'                                                   | SHEET NO. 4 OF 10 SHEETS                                                      | STA. 242+00 TO STA. 248+50                                                                                         |
|                                                                                              |                                                                                                                                                                             |                                                                       |                                                      |                                                                 |                                                                               | FED. ROAD DIST. NO. -- ILLINOIS FED. AID PROJECT                                                                   |
|                                                                                              |                                                                                                                                                                             |                                                                       |                                                      |                                                                 |                                                                               |                                                                                                                    |

| PLAN               | DATE | BY |
|--------------------|------|----|
| SURVEYED           |      |    |
| NOTED              |      |    |
| RT. OF WAY CHECKED |      |    |
| NO.                |      |    |

| PROFILE            | DATE | BY |
|--------------------|------|----|
| SURVEYED           |      |    |
| NOTED              |      |    |
| RT. OF WAY CHECKED |      |    |
| NO.                |      |    |



#### SIGN LEGEND



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = Eric Wilde  
FILE NAME = W:\DuPage County Forest Preserve\120607 West  
Branch Regional Trail\120607.FD Phase II  
PLOT SCALE = 1"=20'  
PLOT DATE = 4/11/2016

DESIGNED — AK  
DRAWN — RT  
CHECKED — JM  
DATE — April, 2016

REVISED —  
REVISED —  
REVISED —  
REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ON-STREET ALIGNMENT PLAN

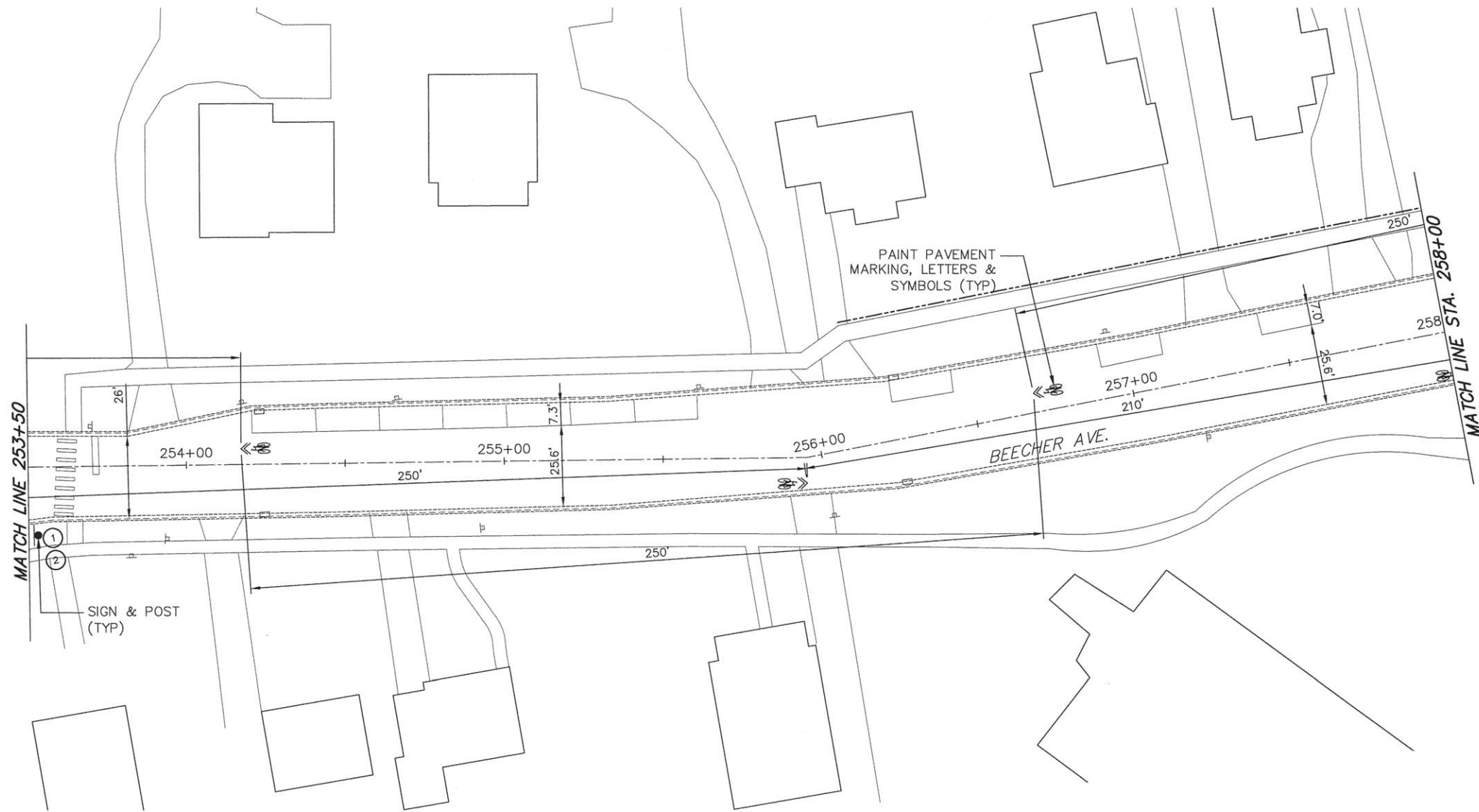
SCALE: 1"=20' SHEET NO. 5 OF 10 SHEETS STA. 248+50 TO STA. 253+50

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| —                                               | 12-F3000-II-BT | DUPAGE | 86              | 32           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |                |        |                 |              |

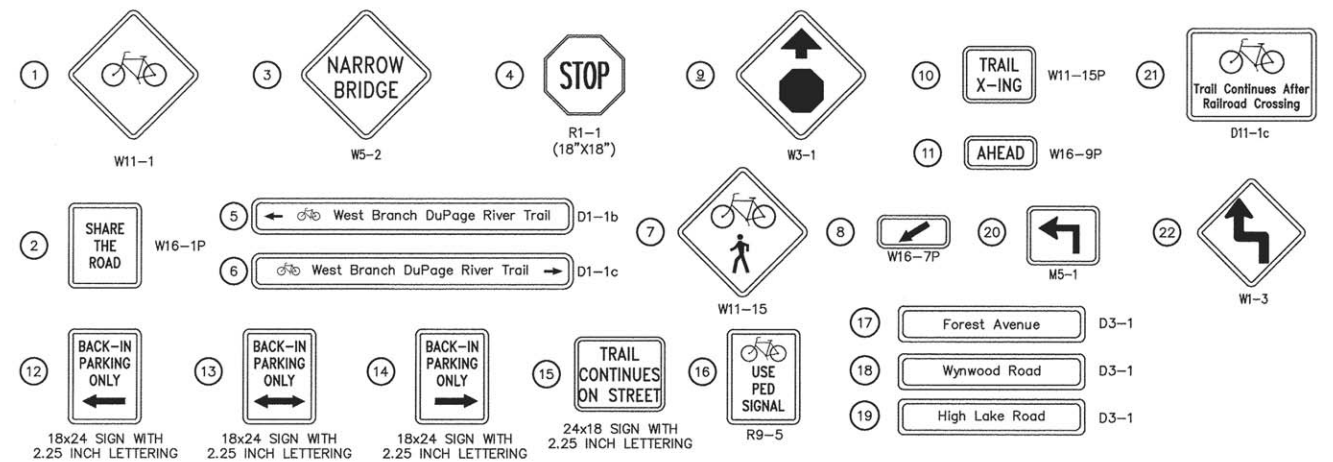


| PLAN     | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    | DATE |
| FILED    | DATE |
| NO.      | NO.  |

| PROFILE  | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    | DATE |
| FILED    | DATE |
| NO.      | NO.  |



# **SIGN LEGEND**



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = Eric Wilde  
FILE NAME = W:\DuPage County Forest Preserve\120607 West  
Branch Regional Trail\120607.FD Phase II  
PLOT SCALE = 1"=20'  
PLOT DATE = 4/11/2016

DESIGNED -- AK  
DRAWN -- RT  
CHECKED -- JM  
DATE -- April, 2016

REVISED --  
REVISED --  
REVISED --  
REVISED --

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

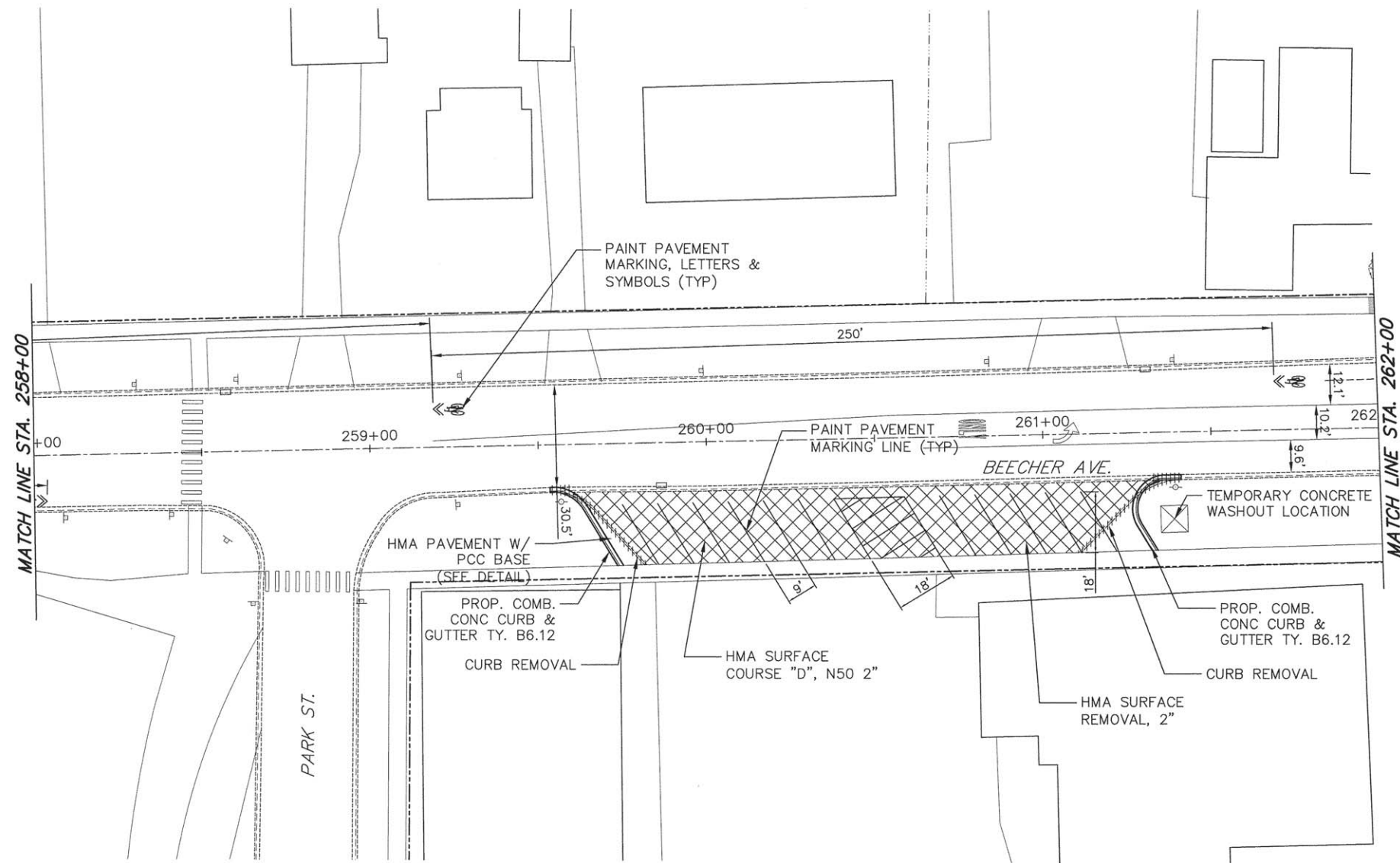
## WEST BRANCH REGIONAL TRAIL PROPOSED ON-STREET ALIGNMENT PLAN

SCALE: 1"=20' SHEET NO. 6 OF 10 SHEETS STA. 253+50 TO STA. 258+00

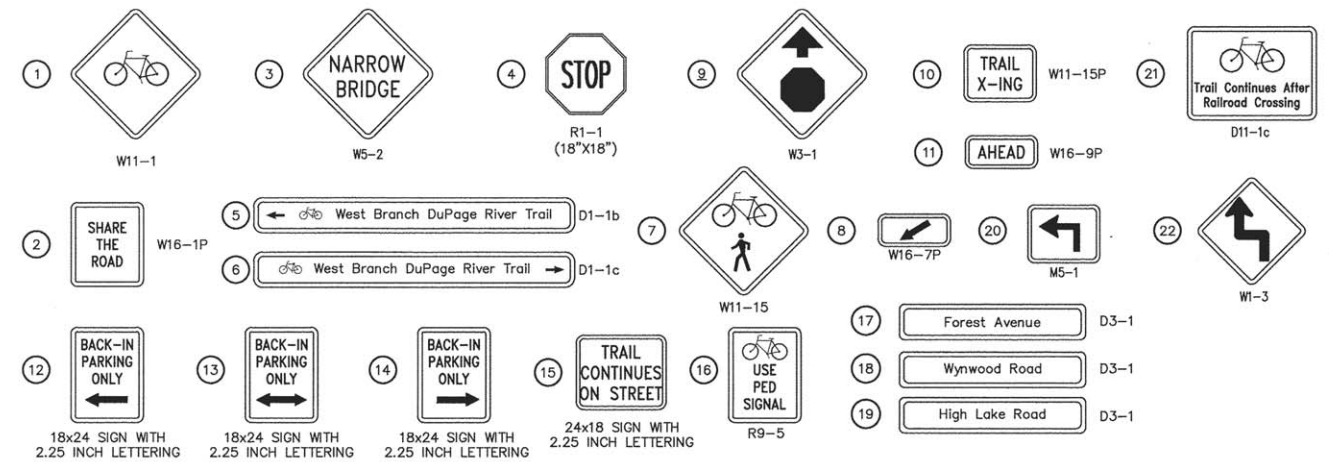
| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| —                                               | 12-F3QD0-II-BT | DUPAGE | 86              | 33           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |                |        |                 |              |

| PLAN     | DATE | BY |
|----------|------|----|
| SURVEYED |      |    |
| ALIGNED  |      |    |
| CHECKED  |      |    |
| NO.      |      |    |

| PROFILE        | DATE | BY |
|----------------|------|----|
| SURVEYED       |      |    |
| GRADES CHECKED |      |    |
| NO.            |      |    |



# SIGN LEGEND



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = Eric Wilde  
FILE NAME = W:\DuPage County Forest Preserve\120607 West  
Branch Regional Trail\120607 PD Phase II  
PLOT SCALE = 1"=20'  
PLOT DATE = 4/30/2015

DESIGNED — AK  
DRAWN — RT  
CHECKED — JM  
DATE — April, 2016

REVISED —  
REVISED —  
REVISED —  
REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
PROPOSED ON-STREET ALIGNMENT PLAN

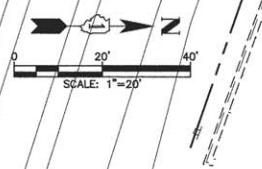
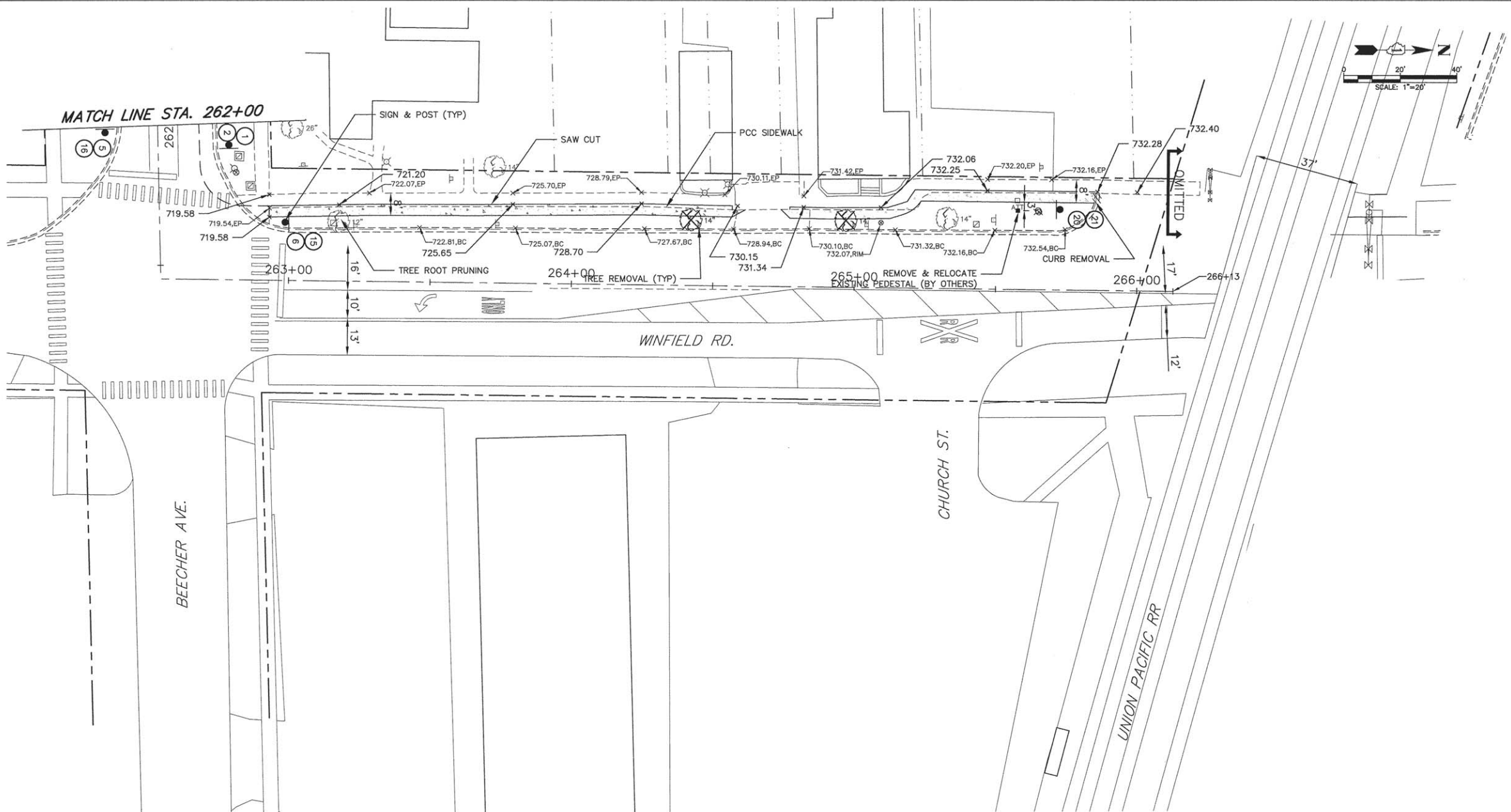
SCALE: 1"=20' SHEET NO. 7 OF 10 SHEETS STA. 258+00 TO STA. 262+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| —                                               | 12-F3000-II-BT | DUPAGE | 86              | 34           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |                |        |                 |              |



| PLAN           | DATE    |
|----------------|---------|
| SURVEYED       | BY      |
| ALIGNED        | CHECKED |
| NOTE BOOK      | NO.     |
| CADD FILE NAME |         |

| PROFILE        | DATE    |
|----------------|---------|
| SURVEYED       | BY      |
| GRADES CHECKED | CHECKED |
| NOTE BOOK      | NO.     |
| CADD FILE NAME |         |



**SIGN LEGEND**

- |                                         |                                         |                                         |                                         |             |            |
|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------|------------|
| 1  W11-1                                | 3  W5-2                                 | 4  R1-1 (18"x18")                       | 2  W3-1                                 | 10  W11-15P | 21  D11-1c |
| 2  W16-1P                               | 5  D1-1b                                | 7  W11-15                               | 8  W16-7P                               | 11  W16-9P  | 22  W1-3   |
| 12  18x24 SIGN WITH 2.25 INCH LETTERING | 13  18x24 SIGN WITH 2.25 INCH LETTERING | 14  18x24 SIGN WITH 2.25 INCH LETTERING | 15  24x18 SIGN WITH 2.25 INCH LETTERING | 16  R9-5    | 17  D3-1   |
|                                         |                                         |                                         |                                         |             | 18  D3-1   |
|                                         |                                         |                                         |                                         |             | 19  D3-1   |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = Eric Wilde  
FILE NAME = W:\00\apps\County Forest Preserve\135607 West  
Branch Regional Trail\135607.FD Phase II  
PLOT SCALE = 1"=20'  
PLOT DATE = 4/21/2016

DESIGNED = AK  
DRAWN = RT  
CHECKED = JM  
DATE = April, 2016

REVISED =  
REVISED =  
REVISED =  
REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

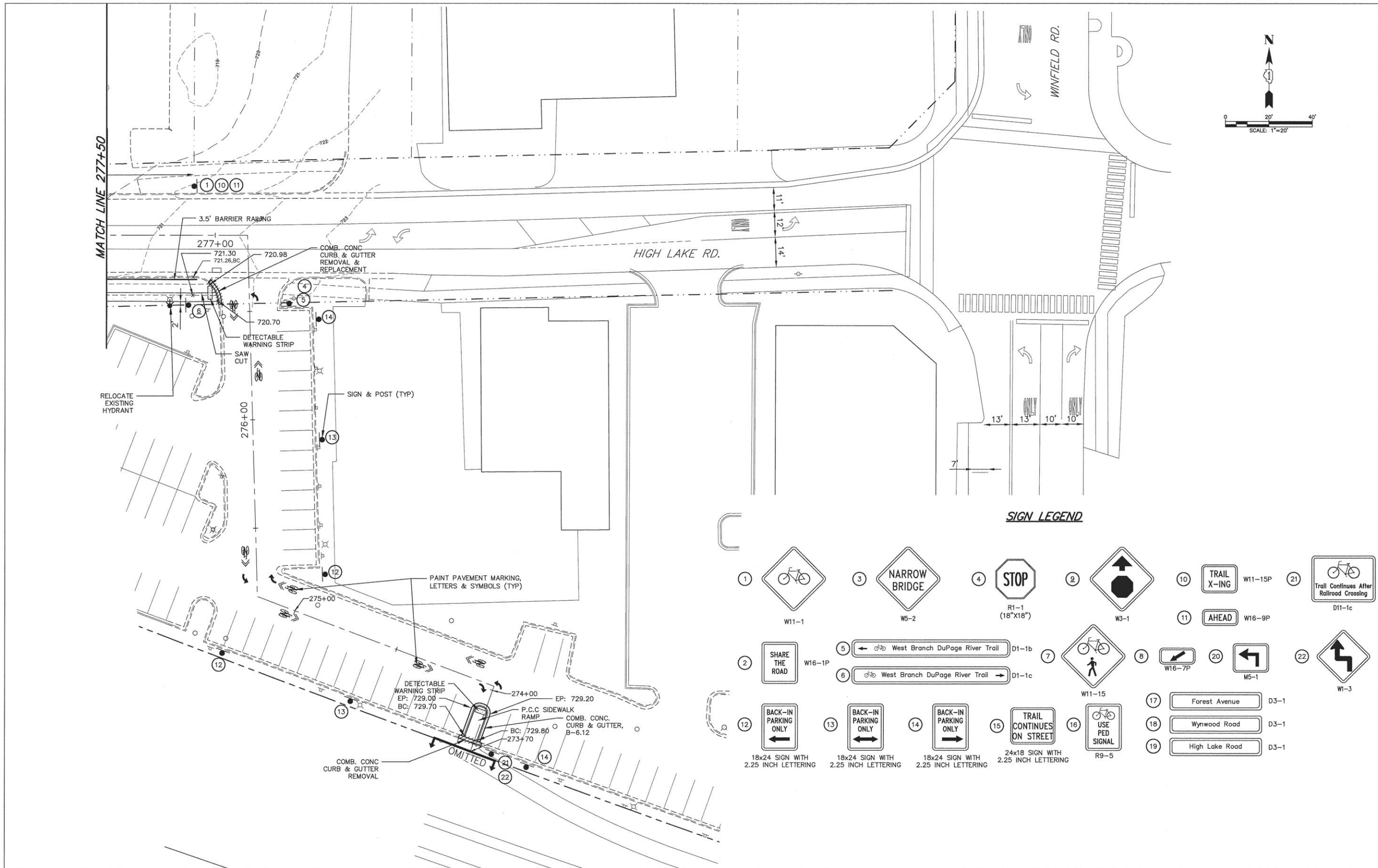
WEST BRANCH REGIONAL TRAIL  
PROPOSED ON-STREET ALIGNMENT PLAN

SCALE: 1"=20' SHEET NO. 8 OF 10 SHEETS STA. 262+00 TO STA. 266+13

| F.A.U.<br>RTE.                                | SECTION     | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-----------------------------------------------|-------------|--------|-----------------|--------------|
| 12                                            | F3000-II-BT | DUPAGE | 86              | 35           |
| CONTRACT NO. 61C60                            |             |        |                 |              |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |             |        |                 |              |

| PLAN     | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    | DATE |
| NO.      | NO.  |

| PROFILE  | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    | DATE |
| NO.      | NO.  |



# SIGN LEGEND

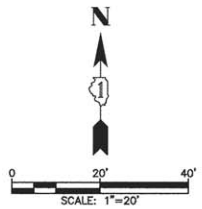
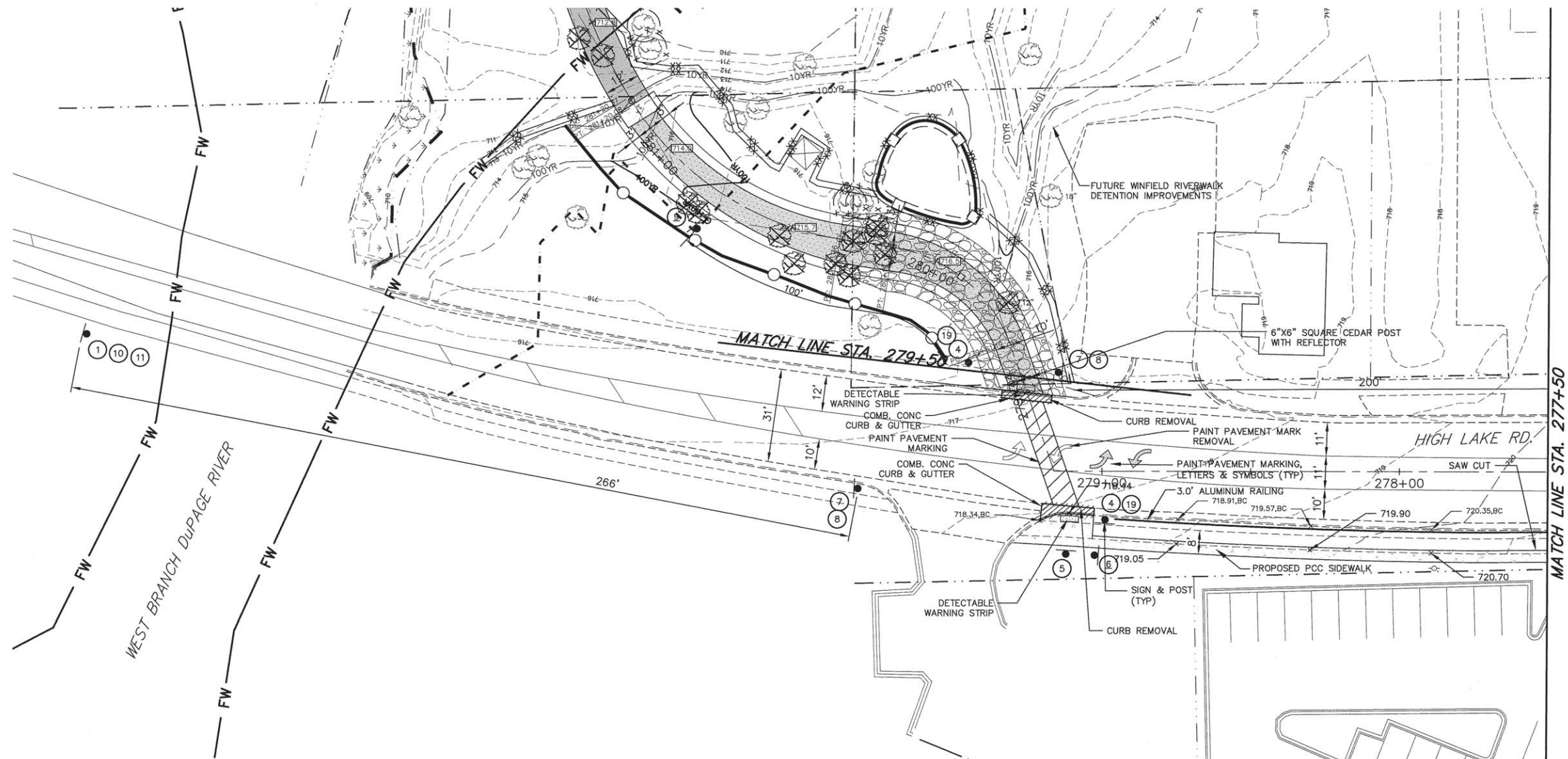
- |    |                                     |    |                                     |    |                                     |    |                                     |    |                                     |    |                                     |
|----|-------------------------------------|----|-------------------------------------|----|-------------------------------------|----|-------------------------------------|----|-------------------------------------|----|-------------------------------------|
| 1  | W11-1                               | 3  | W5-2                                | 4  | R1-1 (18"x18")                      | 5  | W3-1                                | 10 | W11-15P                             | 21 | D11-1c                              |
| 2  | W16-1P                              | 6  | W16-9P                              | 7  | W11-15                              | 8  | W16-7P                              | 11 | W16-9P                              | 22 | W1-3                                |
| 12 | 18x24 SIGN WITH 2.25 INCH LETTERING | 13 | 18x24 SIGN WITH 2.25 INCH LETTERING | 14 | 18x24 SIGN WITH 2.25 INCH LETTERING | 15 | 24x18 SIGN WITH 2.25 INCH LETTERING | 16 | R9-5                                | 17 | D3-1                                |
| 18 | 18x24 SIGN WITH 2.25 INCH LETTERING | 19 | 18x24 SIGN WITH 2.25 INCH LETTERING | 20 | 24x18 SIGN WITH 2.25 INCH LETTERING | 21 | 24x18 SIGN WITH 2.25 INCH LETTERING | 22 | 24x18 SIGN WITH 2.25 INCH LETTERING | 23 | 24x18 SIGN WITH 2.25 INCH LETTERING |

|                                                                                                                                                                                                                      |                                                                                                                                          |                   |           |                                                   |                                                                 |               |                          |                            |                                                 |                |        |                 |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|---------------------------------------------------|-----------------------------------------------------------------|---------------|--------------------------|----------------------------|-------------------------------------------------|----------------|--------|-----------------|--------------|
|  <div>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.<br/><small>CONSULTING ENGINEERS, SCIENTISTS<br/>&amp; SURVEYORS</small></div> | USER NAME = Eric Wilde                                                                                                                   | DESIGNED — AK     | REVISED — | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>PROPOSED ON-STREET ALIGNMENT PLAN | SCALE: 1"=20' | SHEET NO. 9 OF 10 SHEETS | STA. 273+70 TO STA. 277+50 | F.A.U.<br>R.T.E.                                | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|                                                                                                                                                                                                                      | FILE NAME = W:\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607 FD Phase II engineering\12060710 regional\trac.dwg | DRAWN — RT        | REVISED — |                                                   |                                                                 |               |                          |                            | —                                               | 12-F3000-II-BT | DUPAGE | 86              | 36           |
|                                                                                                                                                                                                                      | PLOT SCALE = 3/4"=1'                                                                                                                     | CHECKED — JM      | REVISED — |                                                   |                                                                 |               |                          |                            | CONTRACT NO. 61C60                              |                |        |                 |              |
|                                                                                                                                                                                                                      | PLOT DATE = 4/21/2016                                                                                                                    | DATE — April 2016 | REVISED — |                                                   |                                                                 |               |                          |                            | FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |                |        |                 |              |
|                                                                                                                                                                                                                      |                                                                                                                                          |                   |           |                                                   |                                                                 |               |                          |                            |                                                 |                |        |                 |              |

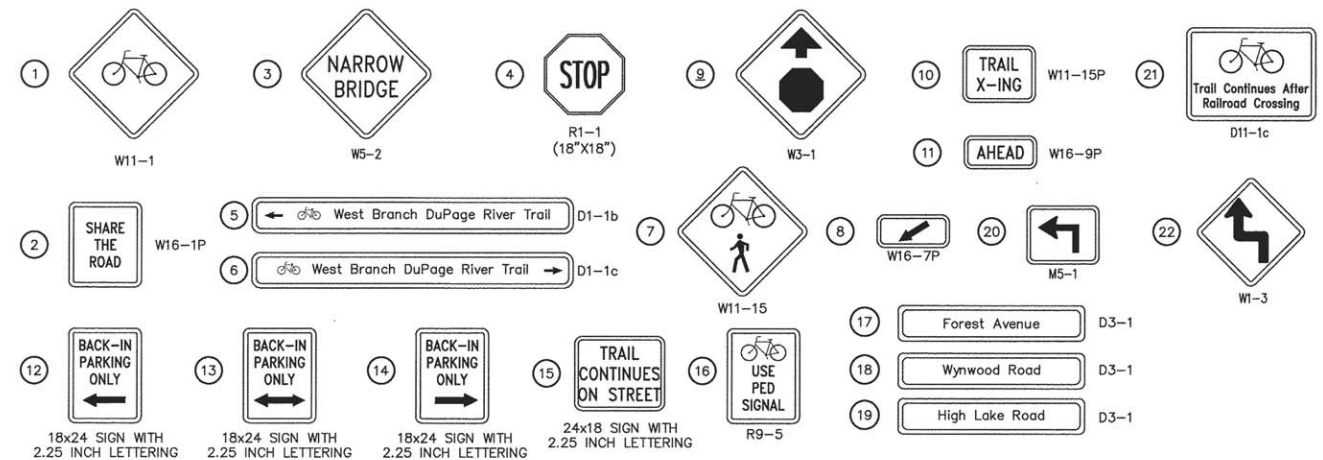


| PLAN     | DATE | BY |
|----------|------|----|
| SURVEYED |      |    |
| ALIGNED  |      |    |
| CHECKED  |      |    |
| NO.      |      |    |

| PROFILE        | DATE | BY |
|----------------|------|----|
| GRADES CHECKED |      |    |
| PLOTTED        |      |    |
| CHECKED        |      |    |
| NO.            |      |    |



# **SIGN LEGEND**



**ENGINEERING  
RESOURCE  
ASSOCIATES, INC.**  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = Eric Wilde  
FILE NAME = W:\DuPage County Forest Preserve\120607 West  
Branch Regional Trail\120607 FD Phase II  
Engineering\120607\120607 FD Regional Trail.dwg  
PLOT SCALE = 1\"/>

DESIGNED — AK  
DRAWN — RT  
CHECKED — JM  
DATE — April 2016

REVISED —  
REVISED —  
REVISED —  
REVISED —

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

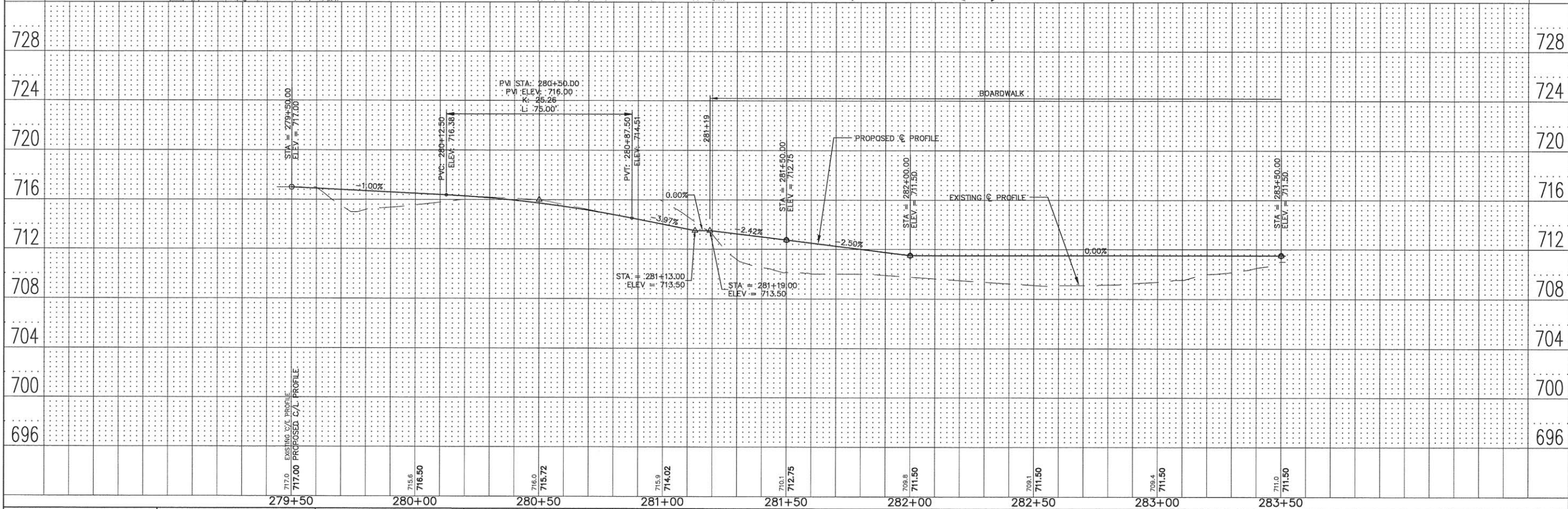
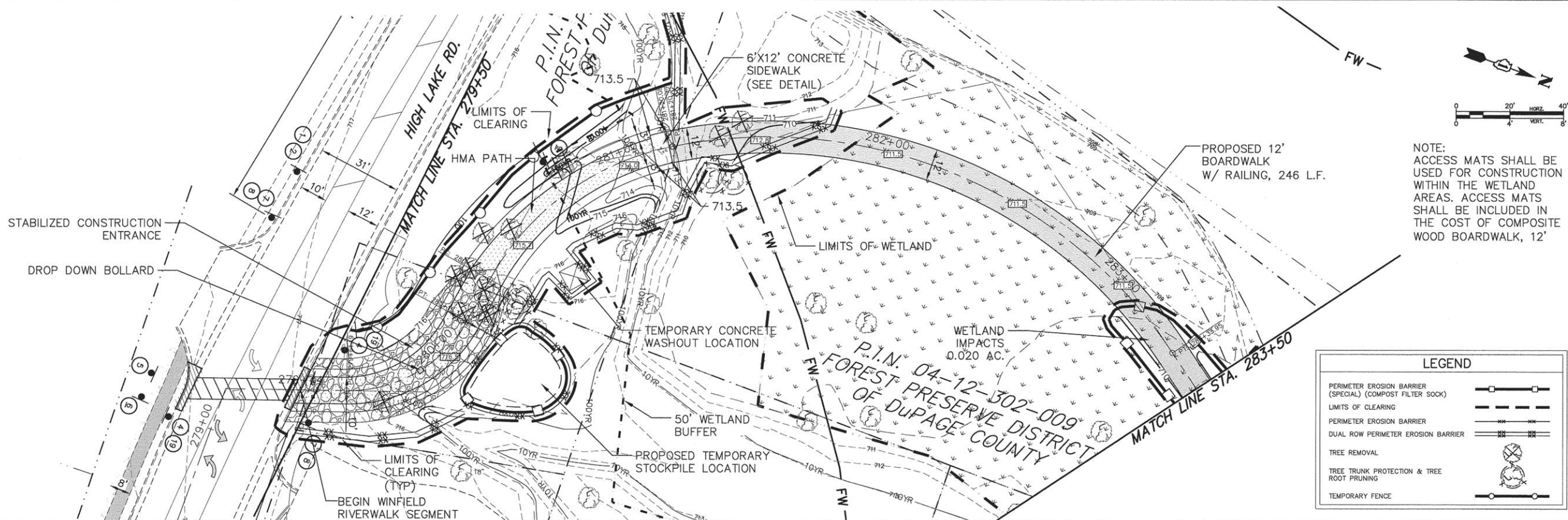
## **WEST BRANCH REGIONAL TRAIL PROPOSED ON-STREET ALIGNMENT PLAN**

SCALE: 1"=20' SHEET NO. 10 OF 10 SHEETS STA. 277+50 TO STA. 279+50

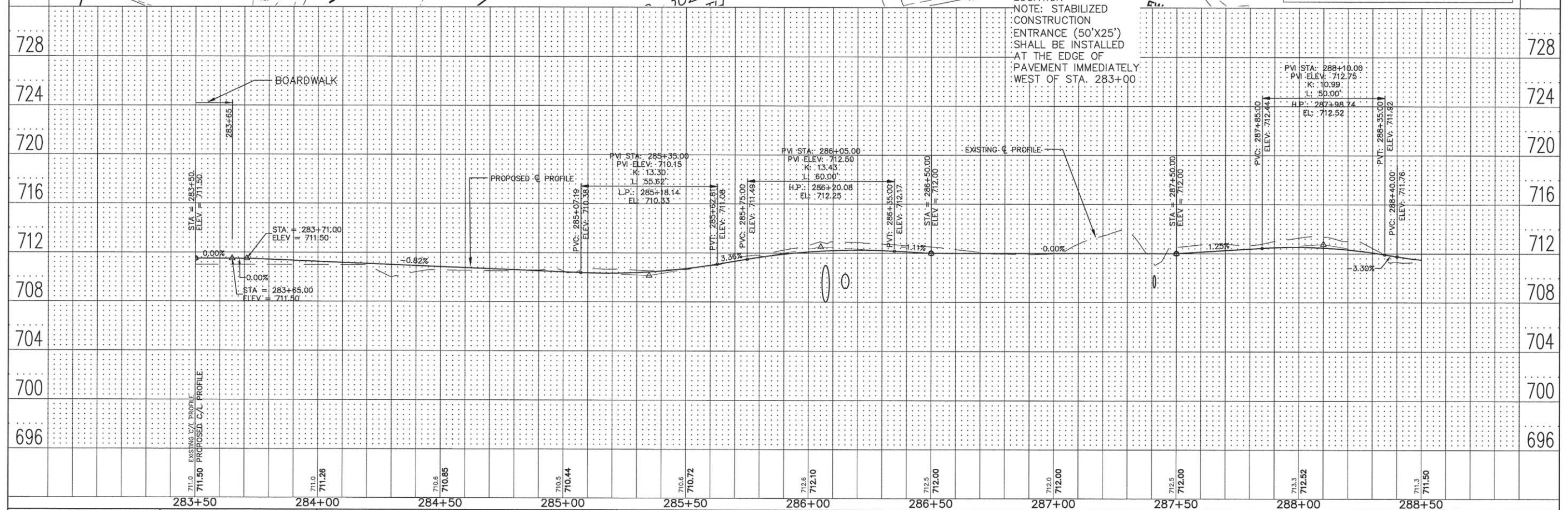
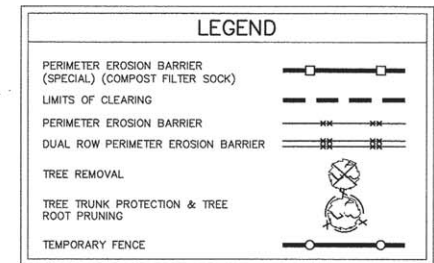
| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| —                                               | 12-F3000-II-BT | DUPAGE | 86              | 37           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |                |        |                 |              |

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| PLAN      | SURVEYED  | DATE |
| NOTE BOOK | PLOTTED   | BY   |
| NO.       | FILE NAME |      |

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| PROFILE   | SURVEYED  | DATE |
| NOTE BOOK | PLOTTED   | BY   |
| NO.       | FILE NAME |      |

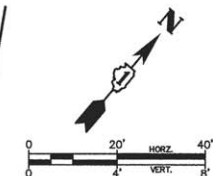




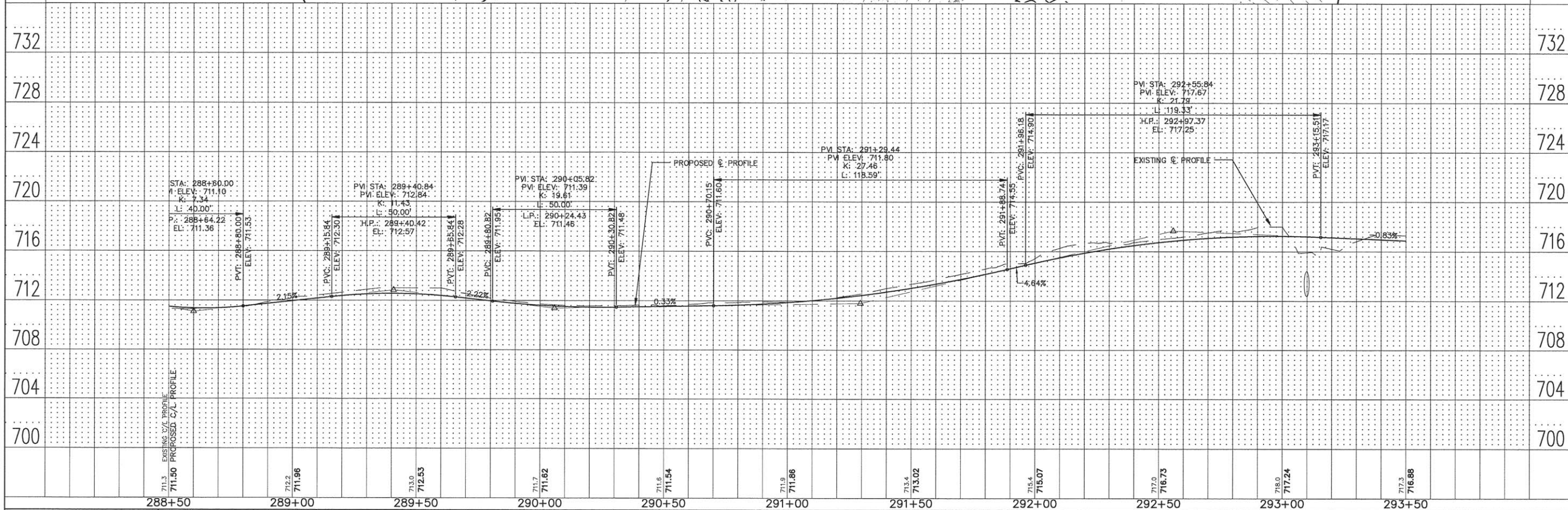




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| PROFILE   | SURVEYED                 | BY | DATE |
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| NOTE BOOK | GRADES CHECKED           |    |      |
| NO. _____ | B.M. NOTED               |    |      |
|           | STRUCTURE NOTAT'NS CHK'D |    |      |



- STORM STRUCTURES
- 1 FLARED END SECTION  
INV 712.40 21" RCP
- 2 RESTRICTOR MANHOLE  
RIM 719.72  
INV 712.72 21" RCP S  
INV 712.62 21" RCP N  
INV 712.52 18" RESTRICTOR
- 3 FLARED END SECTION  
INV 712.88 21" RCP

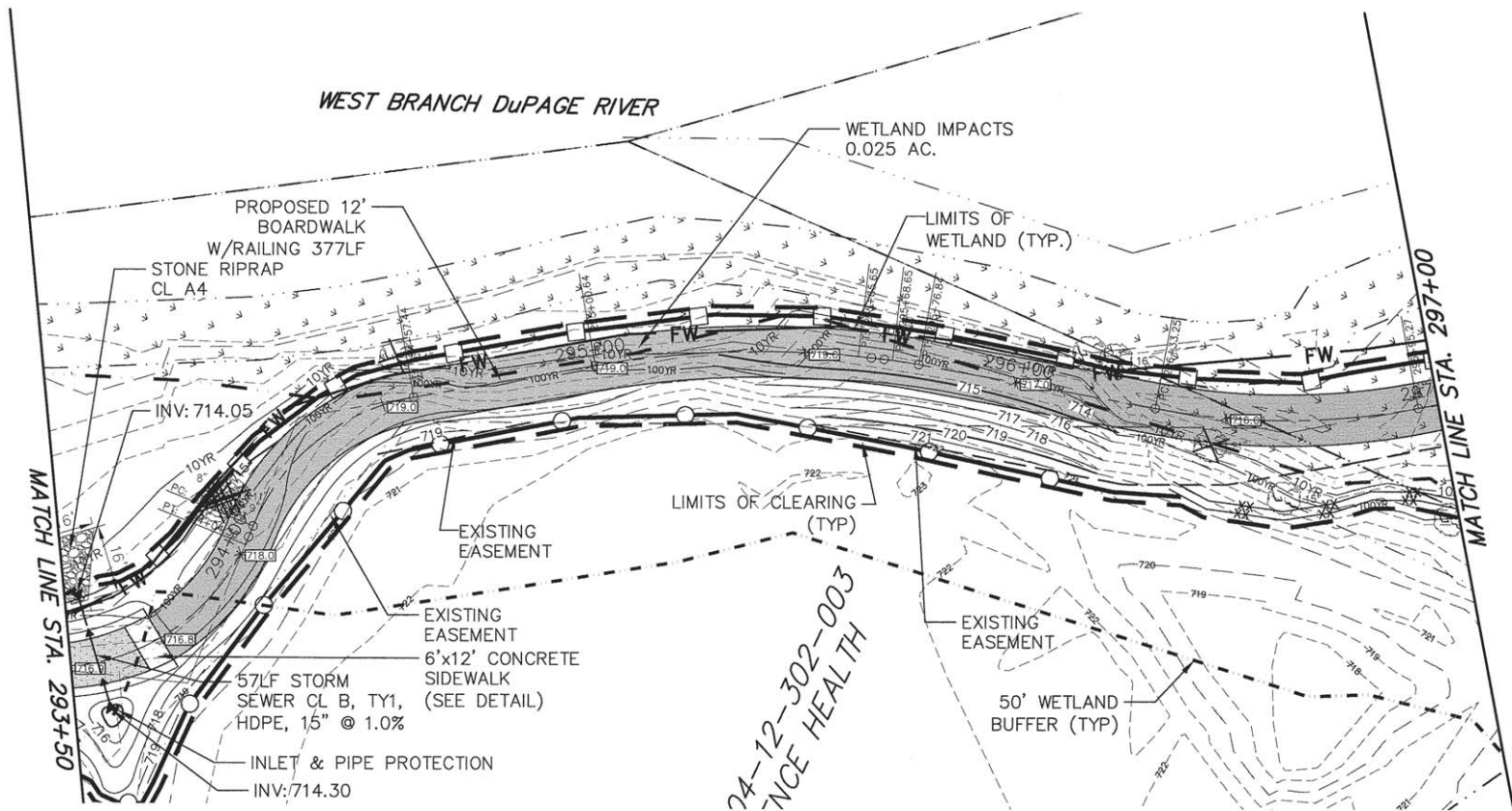


|                                                                                                                                                                                             |                                                                                                                                                |                   |                      |                                                           |                                                                                  |                |        |    |                |         |        |                       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------|----------------|--------|----|----------------|---------|--------|-----------------------|-------|
|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME = rttanner                                                                                                                           | DESIGNED - AK     | REVISED - 04/19/2016 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL<br/>WINFIELD ROAD TRAIL</b>                        |                |        |    | F.A.U.<br>RTE. | SECTION | COUNTY | TOTAL<br>SHEET<br>NO. | SHEET |
|                                                                                                                                                                                             | FILE NAME = W:\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II Engineering.dwg\120607.110 Winfield Rd Trail | DRAWN - RT        | REVISED - ---        |                                                           | -                                                                                | 12-F3000-II-BT | DUPAGE | 86 | 40             |         |        |                       |       |
|                                                                                                                                                                                             | PLOT SCALE = 1"=40'-0"                                                                                                                         | CHECKED - JM      | REVISED - ---        |                                                           | CONTRACT NO. 61C60                                                               |                |        |    |                |         |        |                       |       |
|                                                                                                                                                                                             | PLOT DATE = 4/19/2016                                                                                                                          | DATE - April 2016 | REVISED - ---        |                                                           | SCALE: 1"=20'H/1"=4'V<br>SHEET NO. 16 OF 27 SHEETS<br>STA. 288+50 TO STA. 293+50 |                |        |    |                |         |        |                       |       |
|                                                                                                                                                                                             | FED. ROAD DIST. NO. 111 ILLINOIS FED. AID PROJECT                                                                                              |                   |                      |                                                           |                                                                                  |                |        |    |                |         |        |                       |       |

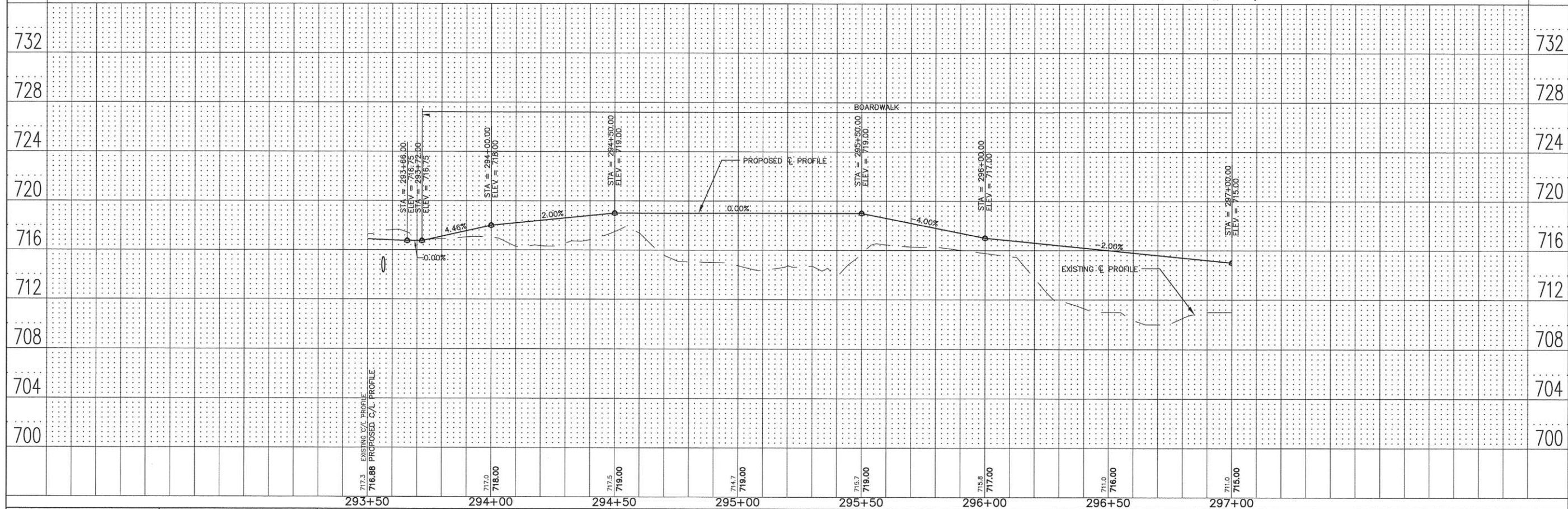


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| PLAN      | SURVEYED       | BY | DATE |
| NOTE BOOK | ALIGNED        |    |      |
| NO.       | CADD FILE NAME |    |      |

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| PROFILE   | SURVEYED             | BY | DATE |
| NOTE BOOK | GRADES CHECKED       |    |      |
| NO.       | PLANTING NOTES CHK'D |    |      |



| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |

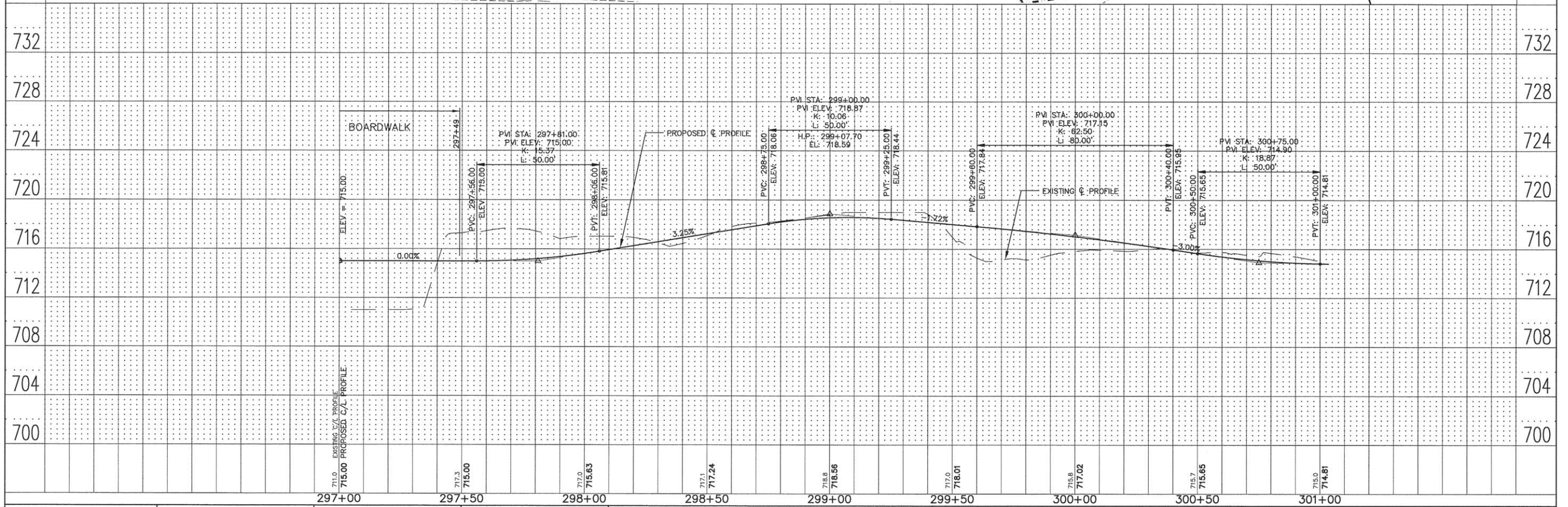
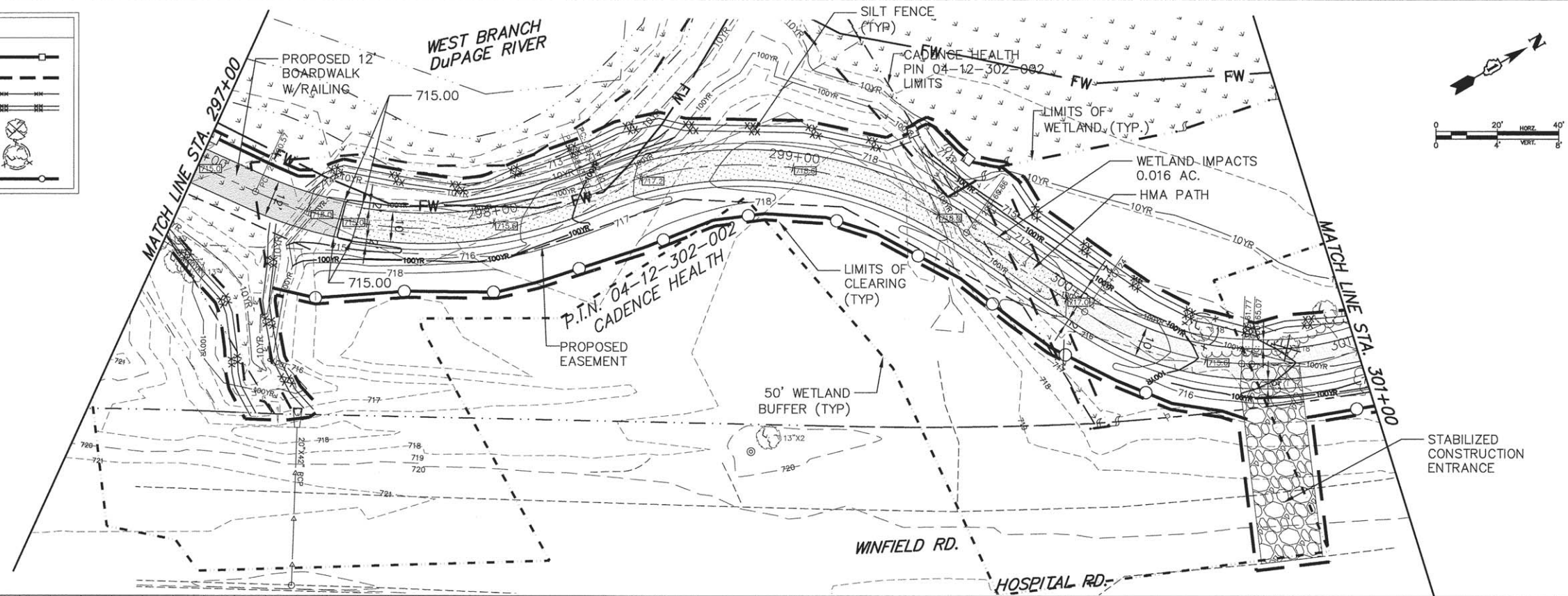




| PLAN     | DATE | BY |
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| SURVEYED |      |    |
| DESIGNED |      |    |
| CHECKED  |      |    |
| DATE     |      |    |
| BY       |      |    |
| NO.      |      |    |

| PROFILE  | DATE | BY |
|----------|------|----|
| SURVEYED |      |    |
| DESIGNED |      |    |
| CHECKED  |      |    |
| DATE     |      |    |
| BY       |      |    |
| NO.      |      |    |

| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |

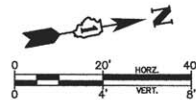
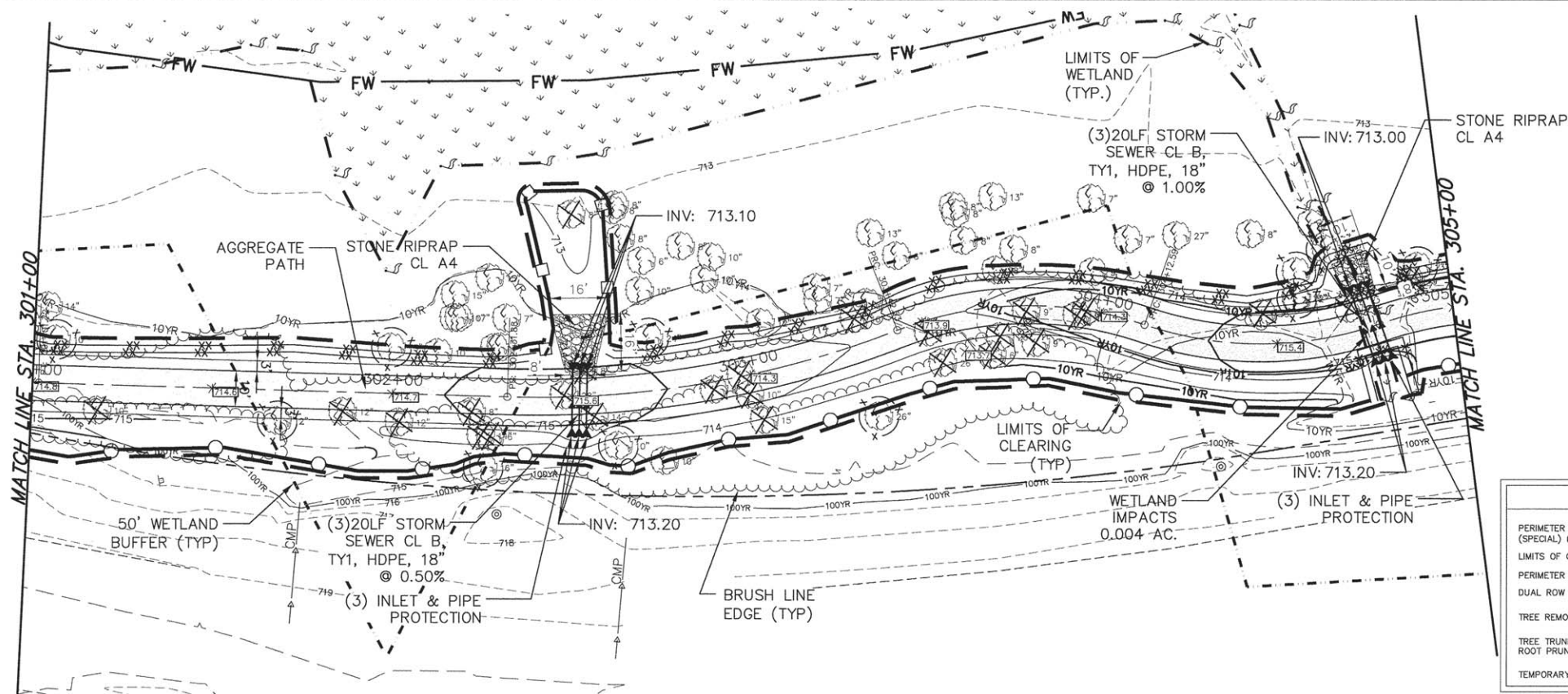


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|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|----------------------|---------------------------------------------------|---------------------------------------------------|--------------------|---------------------------|----------------------------|-------------------------------------------------|--------|--------------|-----------|
|  | ENGINEERING RESOURCE ASSOCIATES, INC.<br>CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS | USER NAME = rtanner                                                                                 | DESIGNED - AK     | REVISED - 04/19/2016 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>WINFIELD ROAD TRAIL |                    |                           | F.A.U. R.T.E.              | SECTION                                         | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                     |                                                                                       | FILE NAME = \\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607 FD Phase 1.dwg | DRAWN - RT        | REVISED -            |                                                   |                                                   |                    | 12-F3000-II-BT            | DUPAGE                     | 86                                              | 42     |              |           |
|                                                                                     |                                                                                       | PLOT SCALE = 1"=40' H=4' V                                                                          | CHECKED - JM      | REVISED -            |                                                   |                                                   | CONTRACT NO. 61C60 |                           |                            | FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |        |              |           |
|                                                                                     |                                                                                       | PLOT DATE = 4/19/2016                                                                               | DATE - April 2016 | REVISED -            |                                                   |                                                   | SCALE: 1"=20'H=4'V | SHEET NO. 18 OF 27 SHEETS | STA. 297+00 TO STA. 301+00 |                                                 |        |              |           |

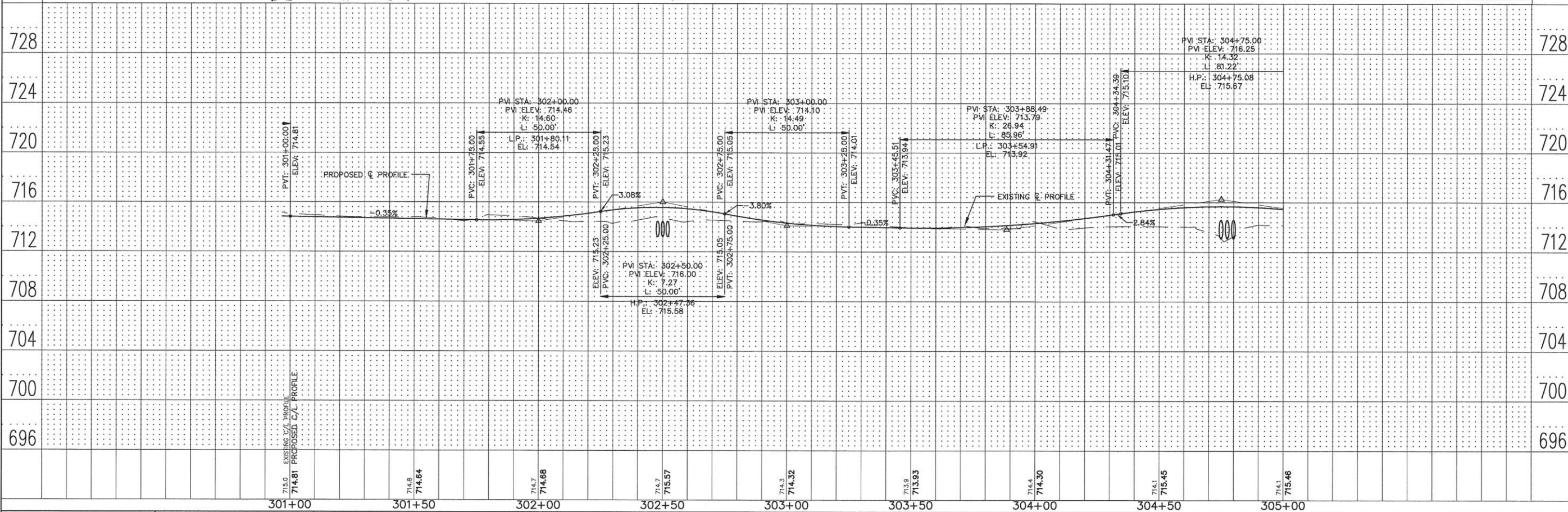


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| PLAN               | SURVEYED       | DATE |
| NOTE BOOK          | ALIGNED        |      |
| RT. OF WAY CHECKED |                |      |
| NO.                | ROAD FILE NAME |      |

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| PROFILE   | SURVEYED                 | DATE |
| NOTE BOOK | GRADES CHECKED           |      |
| NO.       | STRUCTURE NOTATIONS CHRD |      |



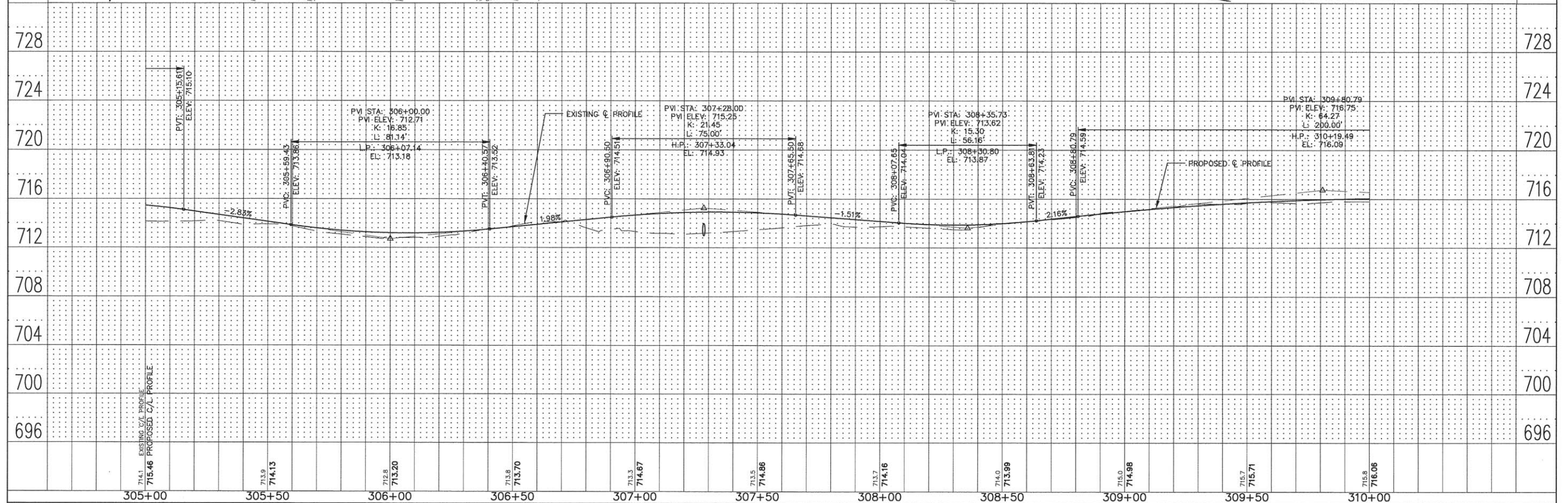
| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |



|  |                                                                                                  |                     |               |                      |                                                   |                                                   |                           |                            |                                                 |        |              |           |
|--|--------------------------------------------------------------------------------------------------|---------------------|---------------|----------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|----------------------------|-------------------------------------------------|--------|--------------|-----------|
|  | ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS               | USER NAME = rtanner | DESIGNED - AK | REVISED - 04/19/2016 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>WINFIELD ROAD TRAIL |                           | F.A.U. RTE.                | SECTION                                         | COUNTY | TOTAL SHEETS | SHEET NO. |
|  | FILE NAME = \\p:\page County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase 1 | DRAWN - RT          | REVISED - --- | -                    |                                                   | I2-F3000-II-BT                                    | DUPAGE                    | 86                         | 43                                              |        |              |           |
|  | PLOT SCALE = 1"=40'                                                                              | CHECKED - JM        | REVISED - --- |                      |                                                   |                                                   |                           |                            |                                                 |        |              |           |
|  | PLOT DATE = 4/19/2016                                                                            | DATE - April 2016   | REVISED - --- |                      |                                                   |                                                   |                           |                            |                                                 |        |              |           |
|  |                                                                                                  |                     |               |                      |                                                   | SCALE: 1"=20' H=4" V                              | SHEET NO. 19 OF 27 SHEETS | STA. 301+00 TO STA. 305+00 | FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |        |              |           |



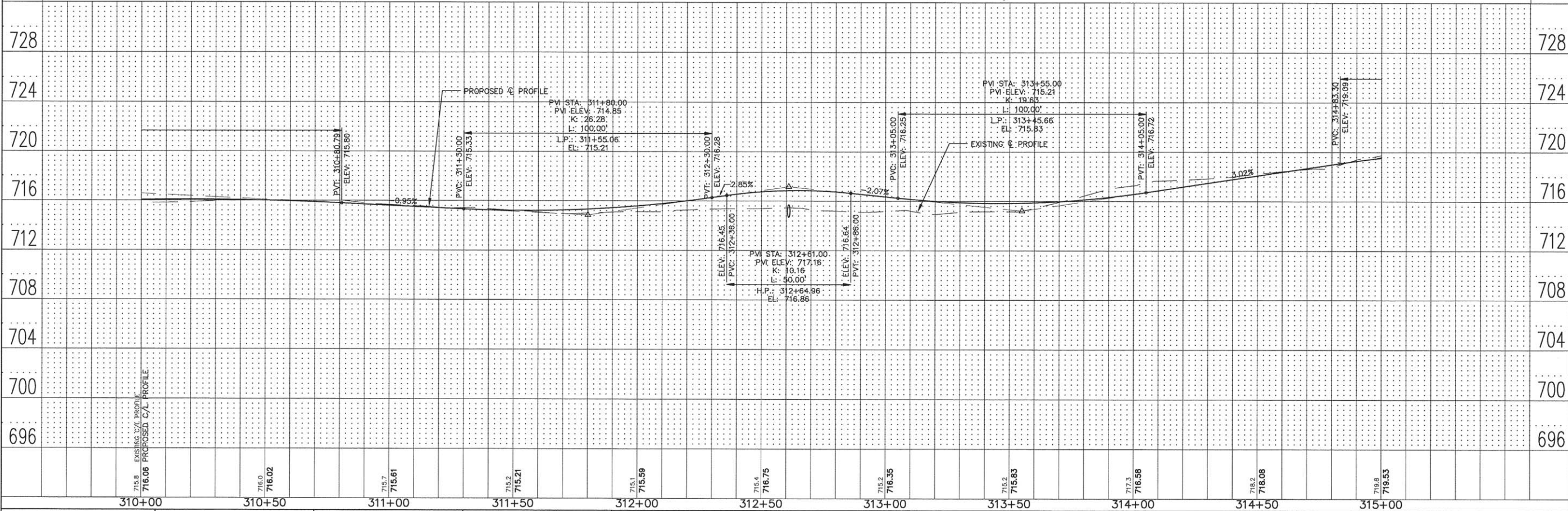
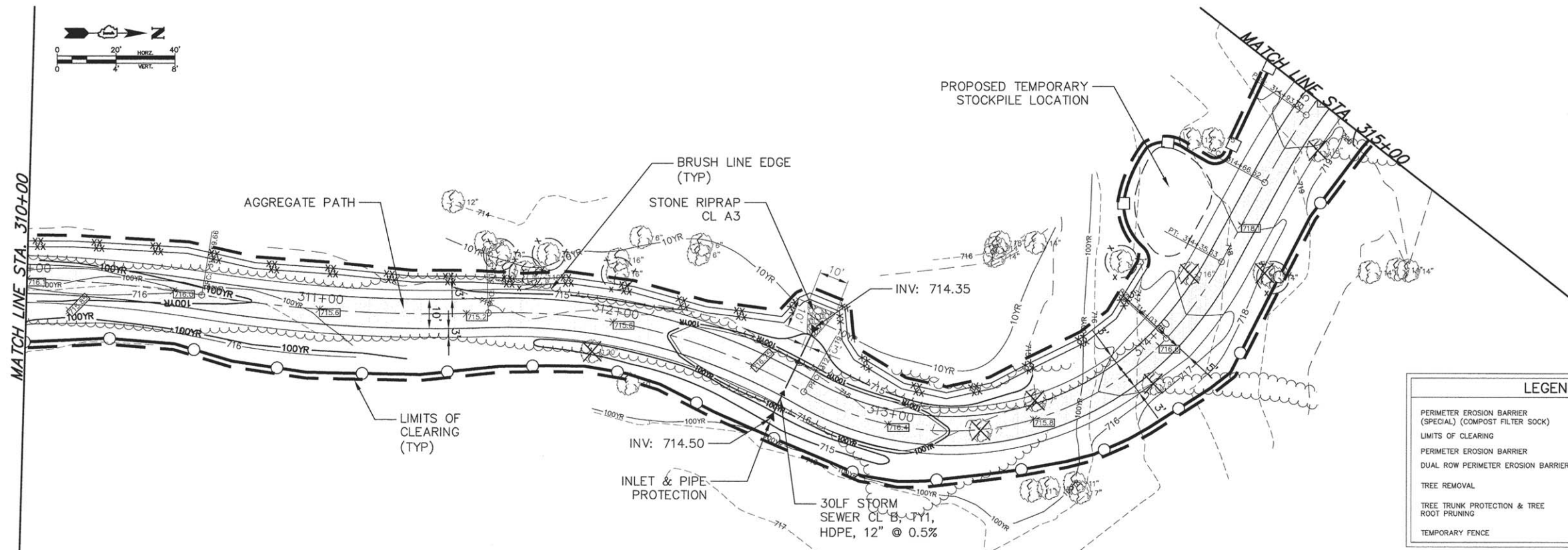
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| NO. _____ | STRUCTURE NOTAT'NS CH'KD |    |      |





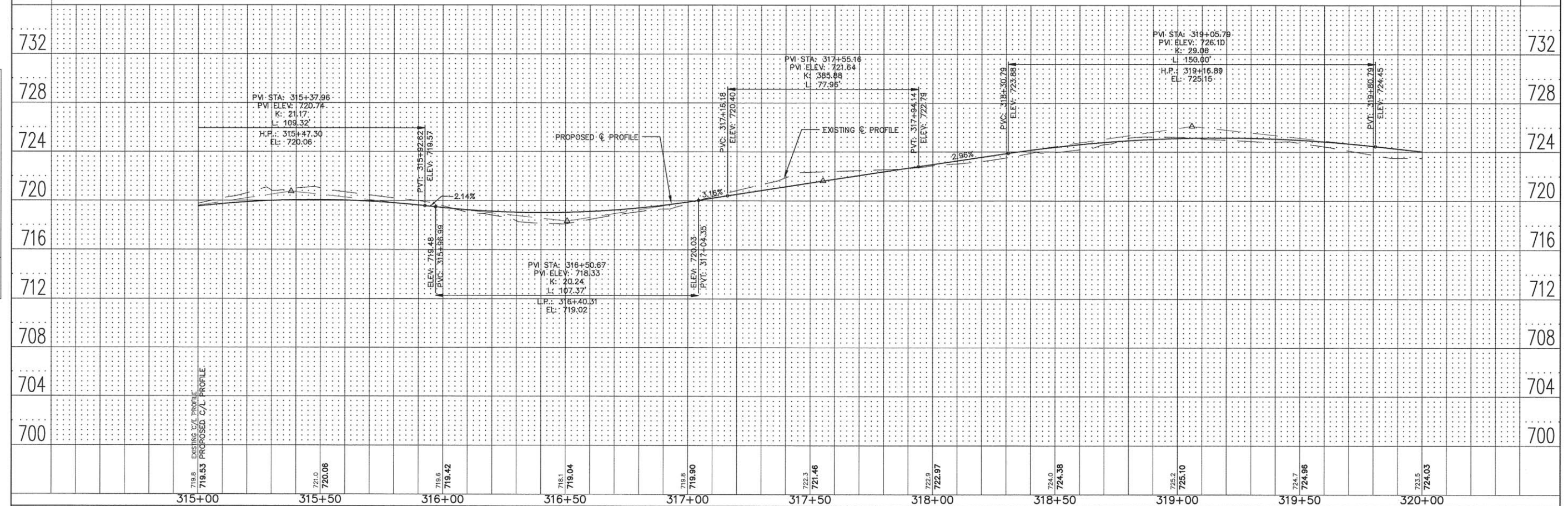
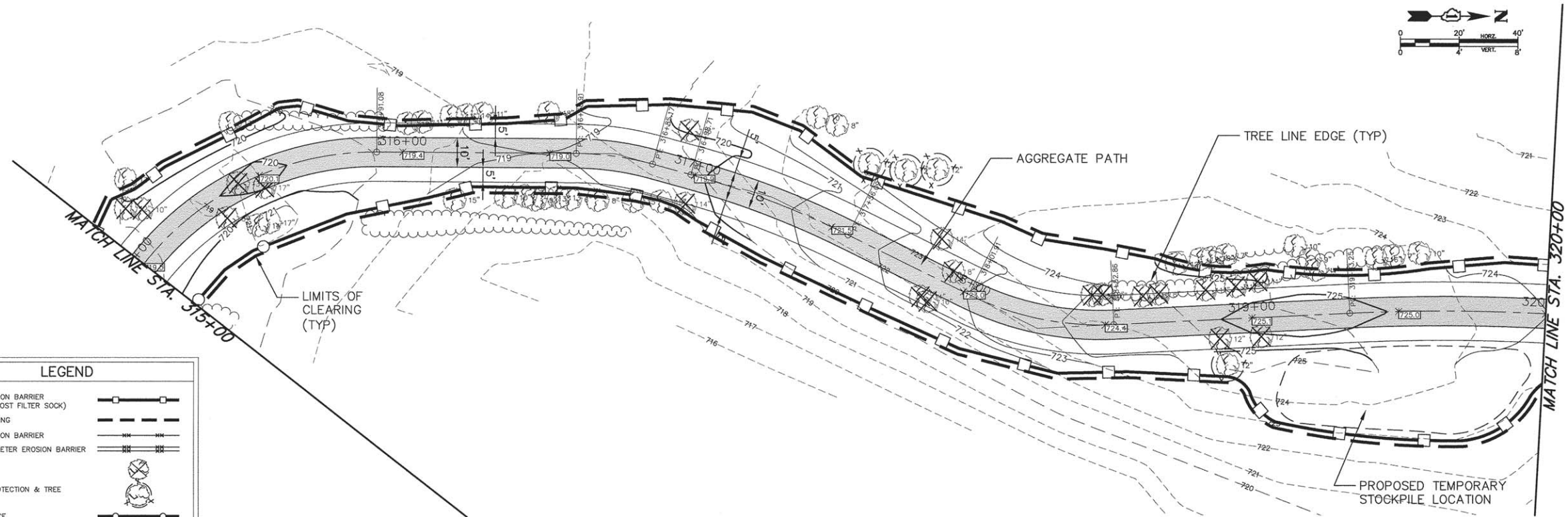
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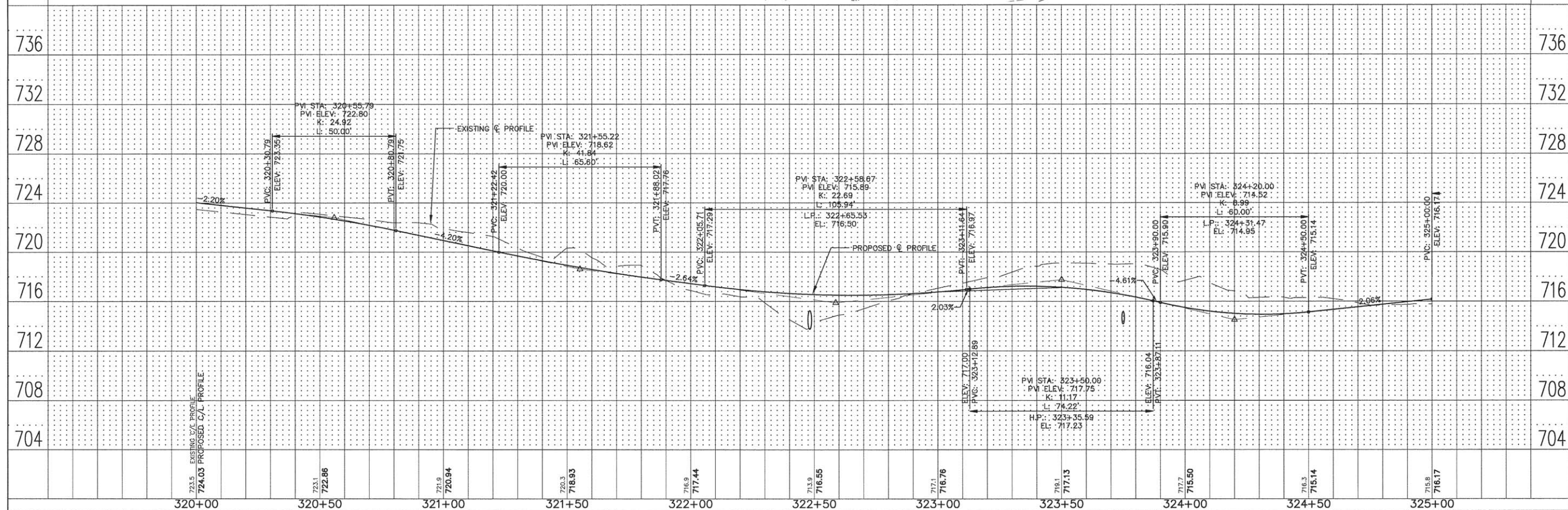
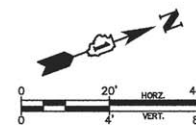
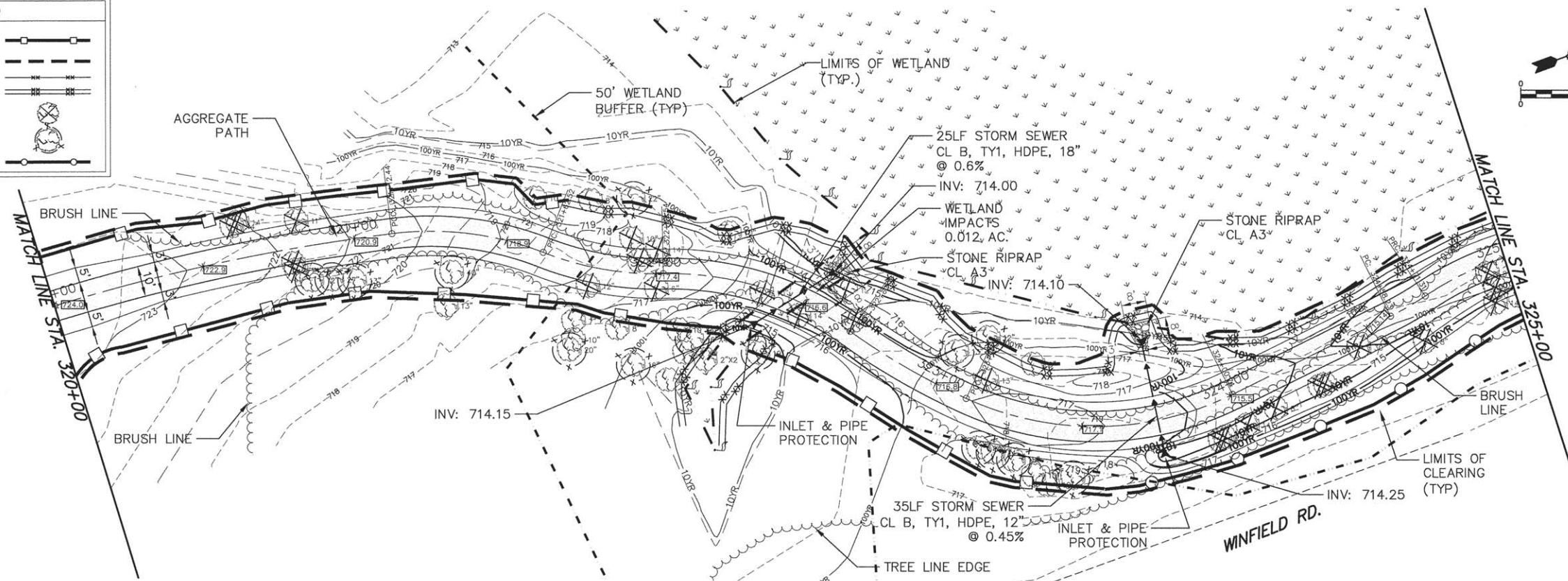
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| PROFILE   | SURVEYED _____                | BY _____ | DATE _____ |
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|                                                                                                                                                                                                                 |                                                                                                                                                         |                   |                      |                                                                                           |                                                   |                |        |              |           |
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|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br><small>CONSULTING ENGINEERS, SCIENTISTS<br/>&amp; SURVEYORS</small> | USER NAME = r.tanner                                                                                                                                    | DESIGNED - AK     | REVISED - 04/19/2016 | <div style="text-align: center;">STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</div> | WEST BRANCH REGIONAL TRAIL<br>WINFIELD ROAD TRAIL |                |        |              |           |
|                                                                                                                                                                                                                 | FILE NAME = W:\UpPage County Forest\Preserve\120607 West Branch Regional Trail\120607.FD Phase II Engineering\120607 Winfield Road Trail Plot Scale.dwg | DRAWN - RT        | REVISED - ---        |                                                                                           | F.A.U.<br>R.T.E.                                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                                                                                                                                                 | PLOT SCALE = 1"=40'                                                                                                                                     | CHECKED - JM      | REVISED - ---        |                                                                                           | -                                                 | I2-F3000-II-BT | DUPAGE | 86           | 46        |
|                                                                                                                                                                                                                 | PLOT DATE = 4/19/2016                                                                                                                                   | DATE - April 2016 | REVISED - ---        |                                                                                           | CONTRACT NO. 61C60                                |                |        |              |           |
|                                                                                                                                                                                                                 |                                                                                                                                                         |                   |                      |                                                                                           |                                                   |                |        |              |           |
|                                                                                                                                                                                                                 |                                                                                                                                                         |                   |                      |                                                                                           |                                                   |                |        |              |           |
|                                                                                                                                                                                                                 |                                                                                                                                                         |                   |                      | FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT                                           |                                                   |                |        |              |           |
|                                                                                                                                                                                                                 |                                                                                                                                                         |                   |                      | SCALE: 1"=20'H; 1"=4'V SHEET NO. 22 OF 27 SHEETS STA. 315+00 TO STA. 320+00               |                                                   |                |        |              |           |



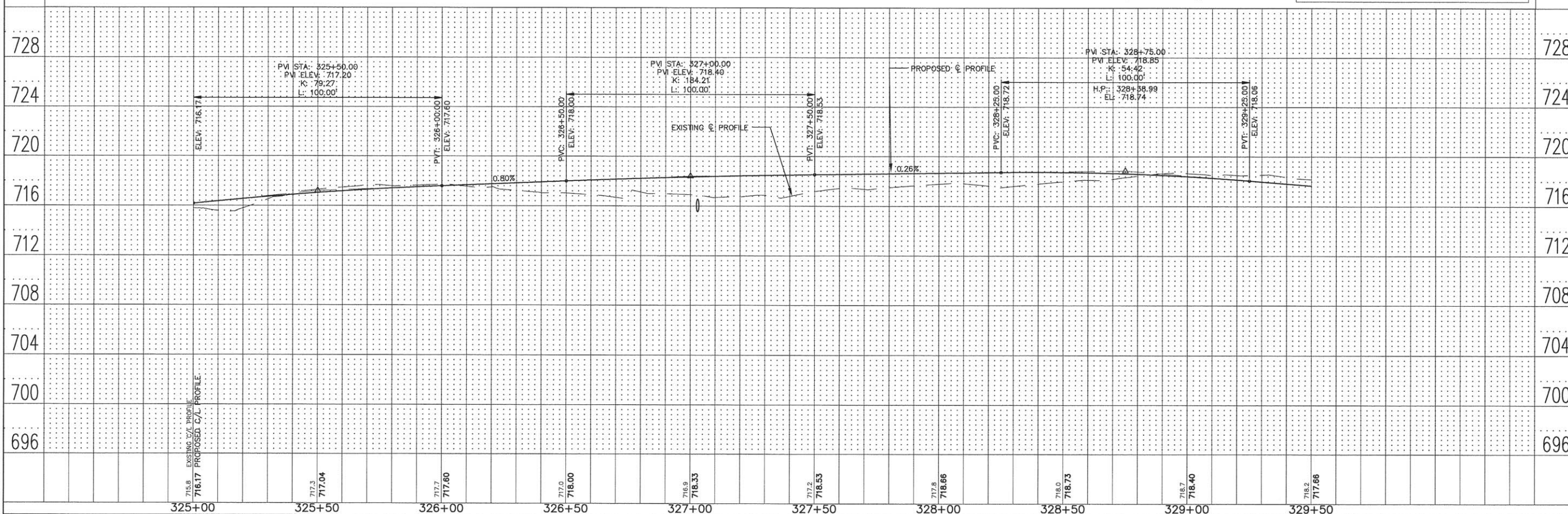
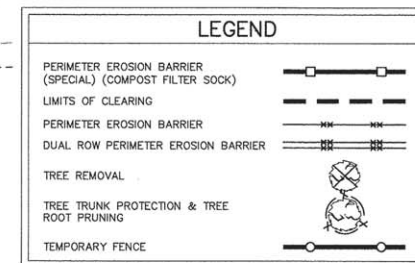
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| NO. _____ | STRUCTURE NOTAT'NS CHYKD _____ |          |            |



|                                                                                                                                                                                             |                                                                                                                                                |                   |                      |                                                           |                                                           |                           |                            |                     |          |                  |                 |              |
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|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME = rlanter                                                                                                                            | DESIGNED = AK     | REVISED = 04/19/2016 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL<br/>WINFIELD ROAD TRAIL</b> |                           |                            | F.A.U.<br>RTE.      | SECTION  | COUNTY           | TOTAL<br>SHEETS | SHEET<br>NO. |
|                                                                                                                                                                                             | FILE NAME = W:\Upstate County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II engineering\CAD\120607.FD Winfield Rd Trail | DRAWN = RT        | REVISED = ---        |                                                           |                                                           |                           |                            | -                   | -        | DUPAGE           | 86              | 47           |
|                                                                                                                                                                                             | PLOT SCALE = 1"=20'                                                                                                                            | CHECKED = JM      | REVISED = ---        |                                                           | CONTRACT NO. 61C60                                        |                           |                            |                     |          |                  |                 |              |
|                                                                                                                                                                                             | PLOT DATE = 4/19/2016                                                                                                                          | DATE = April 2016 | REVISED = ---        |                                                           | SCALE: 1"=20'H=1"=4'V                                     | SHEET NO. 23 OF 27 SHEETS | STA. 320+00 TO STA. 325+00 | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |                 |              |



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| PROFILE   | SURVEYED _____                    | BY _____ | DATE _____ |
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| NOTE BOOK | GRADES CHECKED _____              |          |            |
|           | B.M. NOTED _____                  |          |            |
| NO. _____ | STRUCTURE NOTATIONS CHECKED _____ |          |            |



|                                                                                                                                                                                             |                                                                                                                                           |                   |                      |                                                           |                                                           |                           |                            |                     |                           |        |                 |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|-----------------------------------------------------------|-----------------------------------------------------------|---------------------------|----------------------------|---------------------|---------------------------|--------|-----------------|--------------|
|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME = rtanner                                                                                                                       | DESIGNED - AK     | REVISED - 04/19/2016 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL<br/>WINFIELD ROAD TRAIL</b> |                           |                            | F.A.U.<br>RTE.      | SECTION                   | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|                                                                                                                                                                                             | FILE NAME = W:\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II Engineering\120607.FD Winfield Rd Trail | DRAWN - RT        | REVISED - ---        |                                                           |                                                           |                           |                            | -                   | I2-F3000-II-BT            | DUPAGE | 86              | 48           |
|                                                                                                                                                                                             | PLOT SCALE = 1"=40'                                                                                                                       | CHECKED - JM      | REVISED - ---        |                                                           | CONTRACT NO. 61C60                                        |                           |                            |                     |                           |        |                 |              |
|                                                                                                                                                                                             | PLOT DATE = 4/26/2016                                                                                                                     | DATE - April 2016 | REVISED - ---        |                                                           | SCALE: 1"=20'H/1"=4'V                                     | SHEET NO. 24 OF 27 SHEETS | STA. 325+00 TO STA. 329+50 | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |        |                 |              |

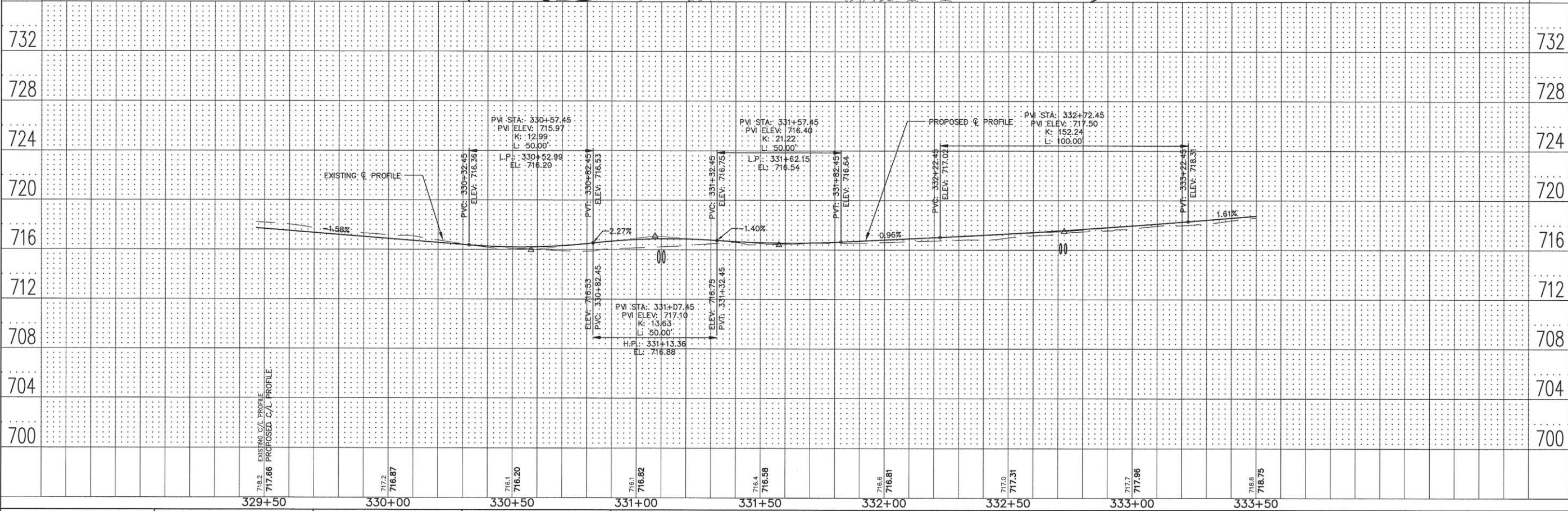
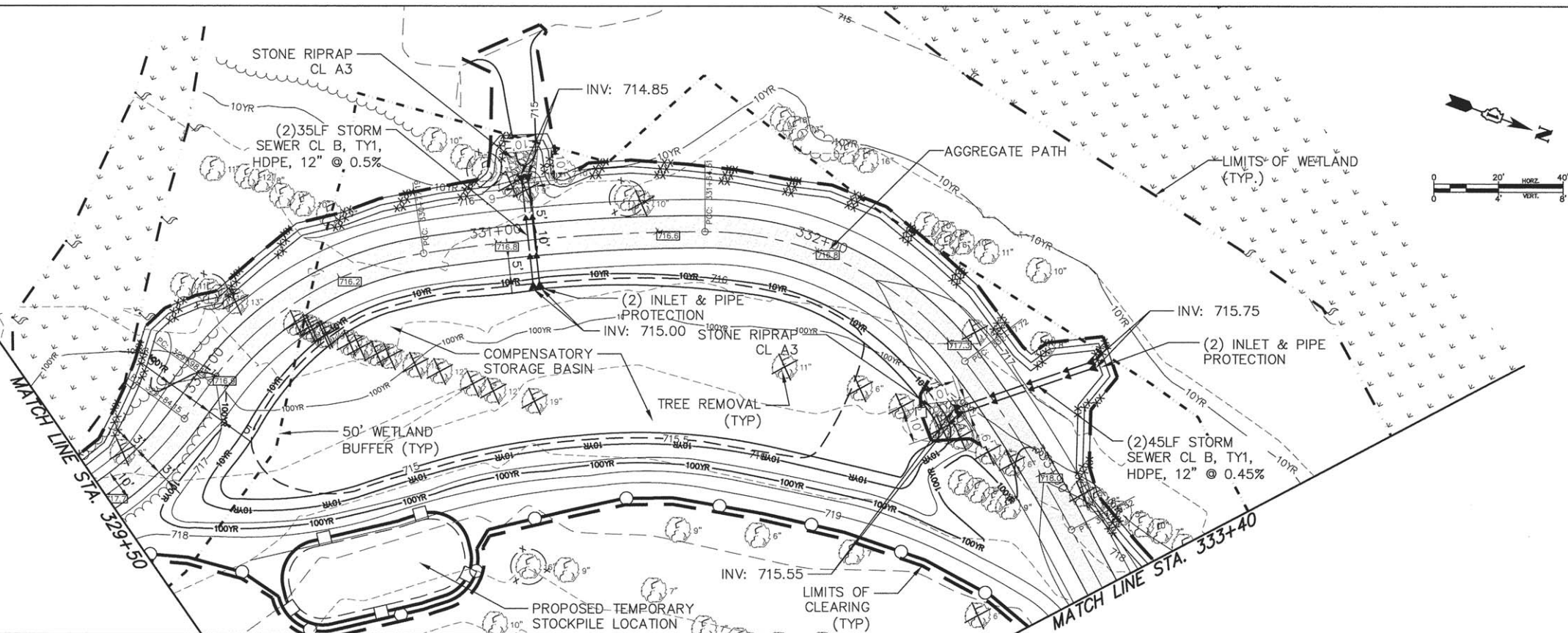


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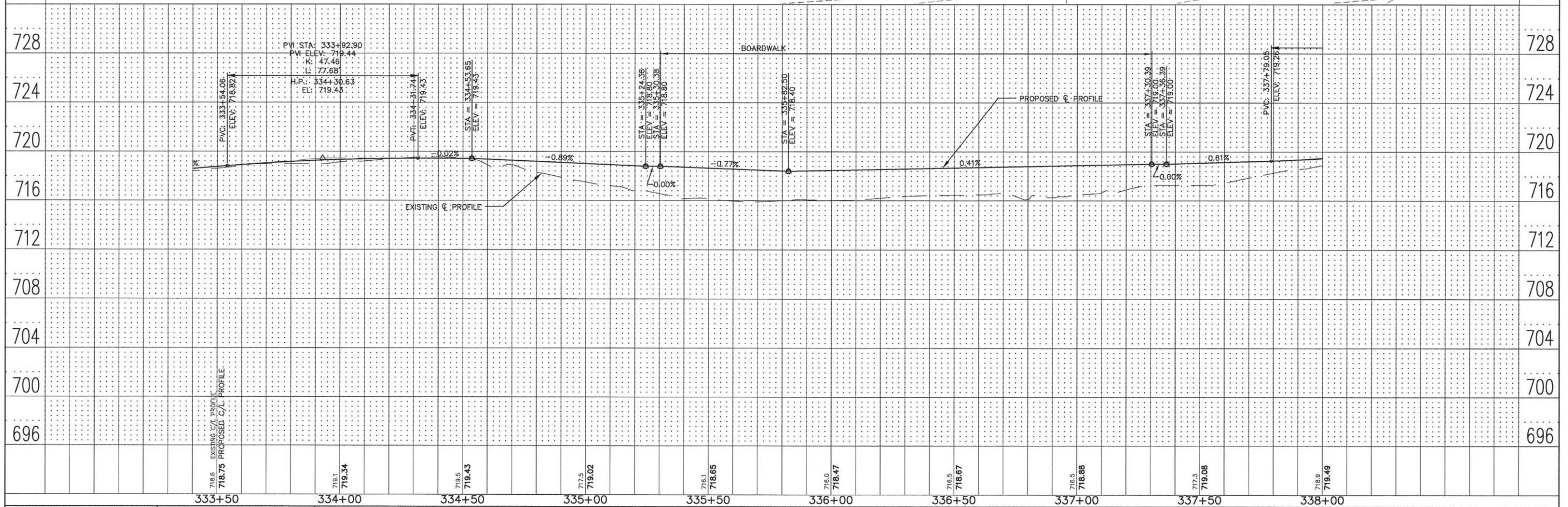
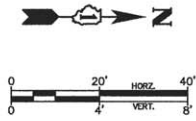
**LEGEND**

- PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK)
- LIMITS OF CLEARING
- PERIMETER EROSION BARRIER
- DUAL ROW PERIMETER EROSION BARRIER
- TREE REMOVAL
- TREE TRUNK PROTECTION & TREE ROOT PRUNING
- TEMPORARY FENCE





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| PROFILE   | SURVEYED _____                 | BY _____ | DATE _____ |
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| NOTE BOOK | GRADES CHECKED _____           |          |            |
|           | B.M. NOTED _____               |          |            |
| NO. _____ | STRUCTURE NOTAT'NS CHK'D _____ |          |            |



|                                                                                                                                                                                             |                                                                                                                                                              |                   |                      |                                                           |                                                           |                            |  |                                                 |                |        |                 |              |
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|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME = rttanner                                                                                                                                         | DESIGNED - AK     | REVISED - 04/19/2016 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL<br/>WINFIELD ROAD TRAIL</b> |                            |  | F.A.U.<br>R.T.E.                                | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|                                                                                                                                                                                             | W DuPage County Forest Preserve\120607 West<br>Branch Regional Trail\120607.FD Phase II<br>Engineering\CD\120607.FD Winfield Rd Trail<br>PLOT SCALE = 1"=40' | DRAWN - RT        | REVISED - ---        |                                                           |                                                           |                            |  | -                                               | I2-F3000-II-BT | DUPAGE | 86              | 50           |
|                                                                                                                                                                                             | CHECKED - JM                                                                                                                                                 | REVISED - ---     | CONTRACT NO. 61C60   |                                                           |                                                           |                            |  |                                                 |                |        |                 |              |
|                                                                                                                                                                                             | PLOT DATE = 4/26/2016                                                                                                                                        | DATE - April 2016 | REVISED - ---        |                                                           |                                                           |                            |  | FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |
| SCALE: 1"=20'H\1"=4'V                                                                                                                                                                       |                                                                                                                                                              |                   |                      | SHEET NO. 26 OF 27 SHEETS                                 |                                                           | STA. 333+40 TO STA. 338+00 |  |                                                 |                |        |                 |              |



|      |    |      |          |         |     |
|------|----|------|----------|---------|-----|
| PLAN | BY | DATE | SURVEYED | CHECKED | NO. |
|      |    |      |          |         |     |

|         |    |      |          |         |     |
|---------|----|------|----------|---------|-----|
| PROFILE | BY | DATE | DESIGNED | CHECKED | NO. |
|         |    |      |          |         |     |

50' WETLAND  
BUFFER (TYP)

AGGREGATE PATH  
MATCH LINE STA. 338+00

PT. 339+50.85

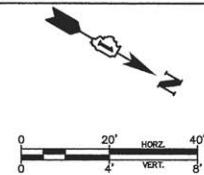
STABILIZED  
CONSTRUCTION  
ENTRANCE

END OF PROJECT  
STA. 340+50

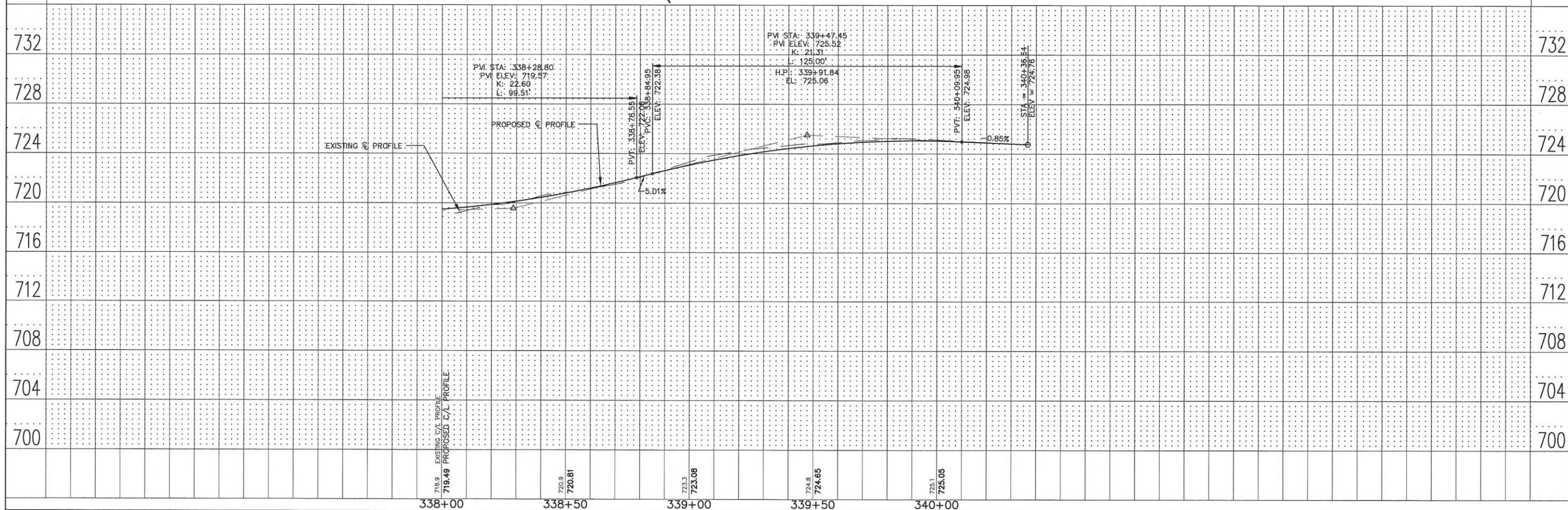
LIMITS OF  
CLEARING  
TREE LINE  
EDGE (TYP)

TREE ROW

GENEVA SPUR OF THE  
ILLINOIS PRAIRIE PATH



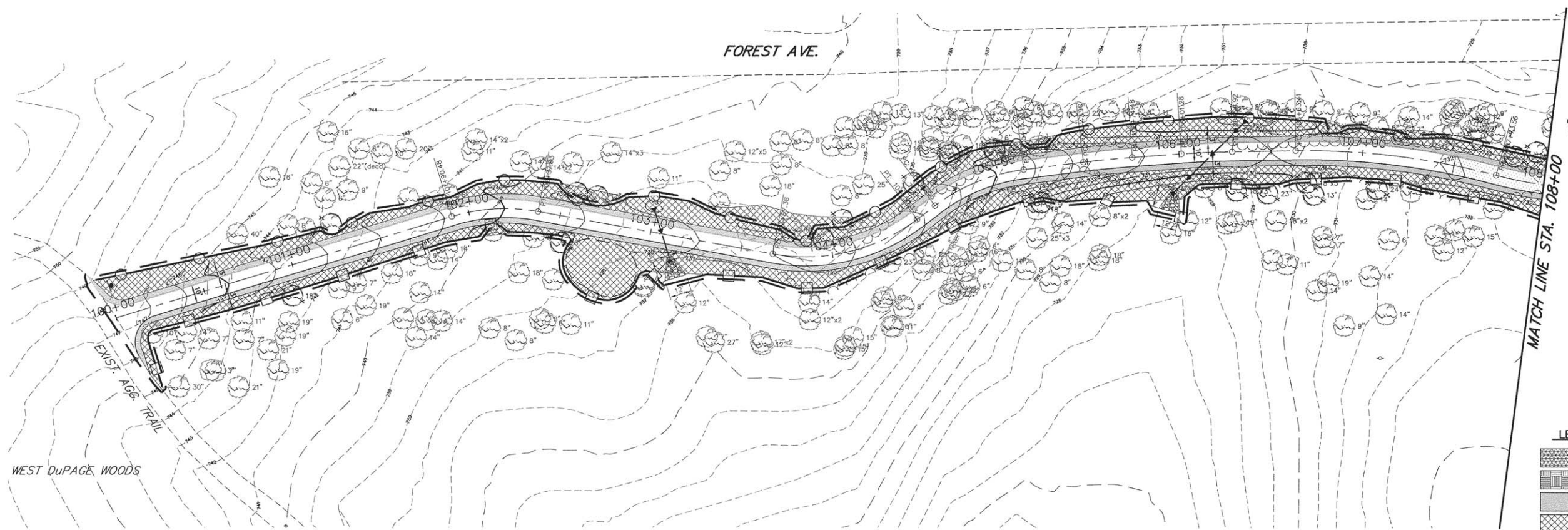
| LEGEND                                                    |  |
|-----------------------------------------------------------|--|
| PERIMETER EROSION BARRIER (SPECIAL) (COMPOST FILTER SOCK) |  |
| LIMITS OF CLEARING                                        |  |
| PERIMETER EROSION BARRIER                                 |  |
| DUAL ROW PERIMETER EROSION BARRIER                        |  |
| TREE REMOVAL                                              |  |
| TREE TRUNK PROTECTION & TREE ROOT PRUNING                 |  |
| TEMPORARY FENCE                                           |  |



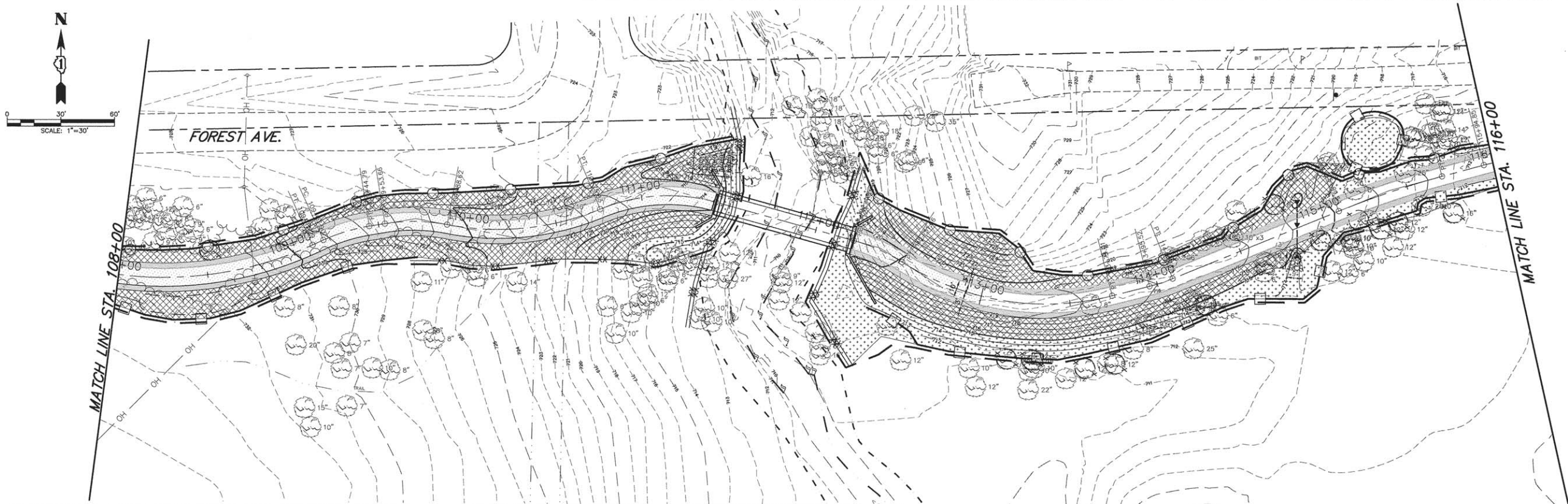
|  |                                              |                                                                  |               |                      |                                                   |                                                   |               |                        |               |                 |              |
|--|----------------------------------------------|------------------------------------------------------------------|---------------|----------------------|---------------------------------------------------|---------------------------------------------------|---------------|------------------------|---------------|-----------------|--------------|
|  | ENGINEERING RESOURCE ASSOCIATES, INC.        | USER NAME = r1anner                                              | DESIGNED - AK | REVISED - 04/19/2016 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>WINFIELD ROAD TRAIL | F.A.U. RTE. - | SECTION 12-F3000-II-BT | COUNTY DUPAGE | TOTAL SHEETS 86 | SHEET NO. 51 |
|  | CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS | FILE NAME = W:\050\ppp County Forest Preserve\120607.FD Phase II | DRAWN - RT    | REVISED - ---        |                                                   |                                                   |               |                        |               |                 |              |
|  | PLOT SCALE = 1"=40'-0"                       | CHECKED - JM                                                     | REVISED - --- |                      |                                                   |                                                   |               |                        |               |                 |              |
|  | PLOT DATE = 4/26/2016                        | DATE - April 2016                                                | REVISED - --- |                      |                                                   |                                                   |               |                        |               |                 |              |

| PLAN | SURVEYED  | BY | DATE |
|------|-----------|----|------|
| NO.  | PLOTTED   |    |      |
|      | CHECKED   |    |      |
|      | NOTED     |    |      |
|      | FILE NAME |    |      |

| PROFILE | SURVEYED  | BY | DATE |
|---------|-----------|----|------|
| NO.     | PLOTTED   |    |      |
|         | CHECKED   |    |      |
|         | NOTED     |    |      |
|         | STRUCTURE |    |      |
|         | NOTATIONS |    |      |



| LEGEND |                                                                     |
|--------|---------------------------------------------------------------------|
|        | SEEDING, CL. 2A<br>0.32 AC.                                         |
|        | SEEDING (SP)<br>(TRI-BLEND RYE SEED MIX)<br>0.27 AC.                |
|        | SEEDING, CLASS 2 (SP)<br>(TRI-TALL FESCUE SEED MIX)<br>1.08 AC.     |
|        | PRAIRIE SEEDING<br>(UPLAND SAVANNA SEED MIX)<br>1.26 AC.            |
|        | SEEDING, SEDGE MEADOW MIX<br>(OPEN FLOODPLAIN SEED MIX)<br>3.47 AC. |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = Branch Regional Trail\120607.FD Phase II  
PLOT SCALE = AS SHOWN  
PLOT DATE = 4/29/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April, 2016

REVISED - 04/21/2016  
REVISED - 04/29/2016  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WEST TRAIL PLANTING PLAN

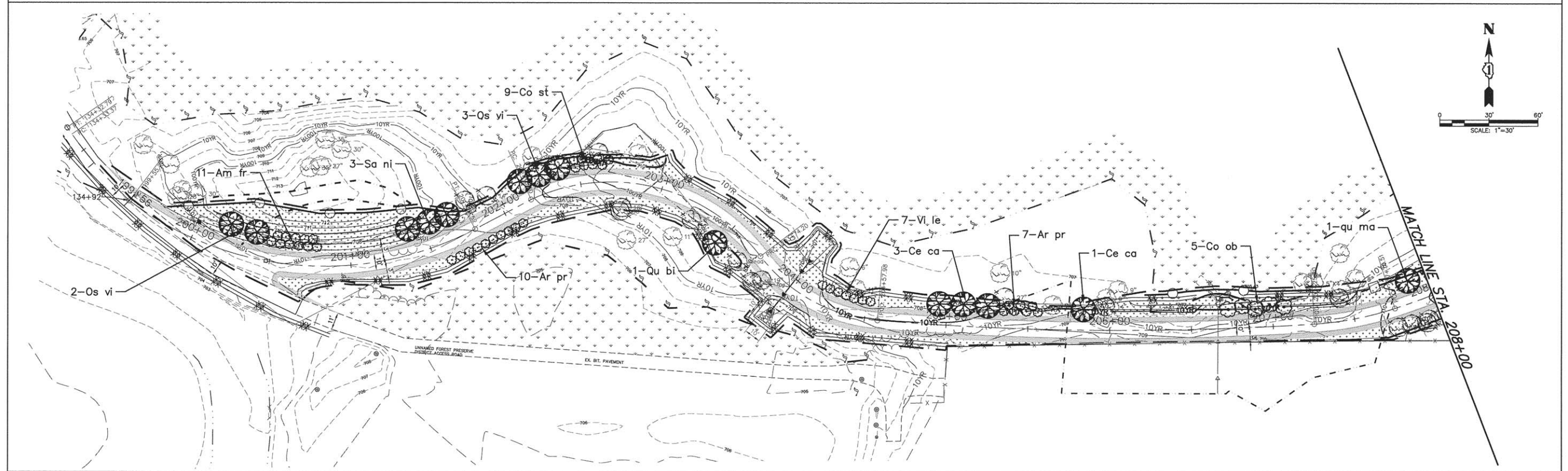
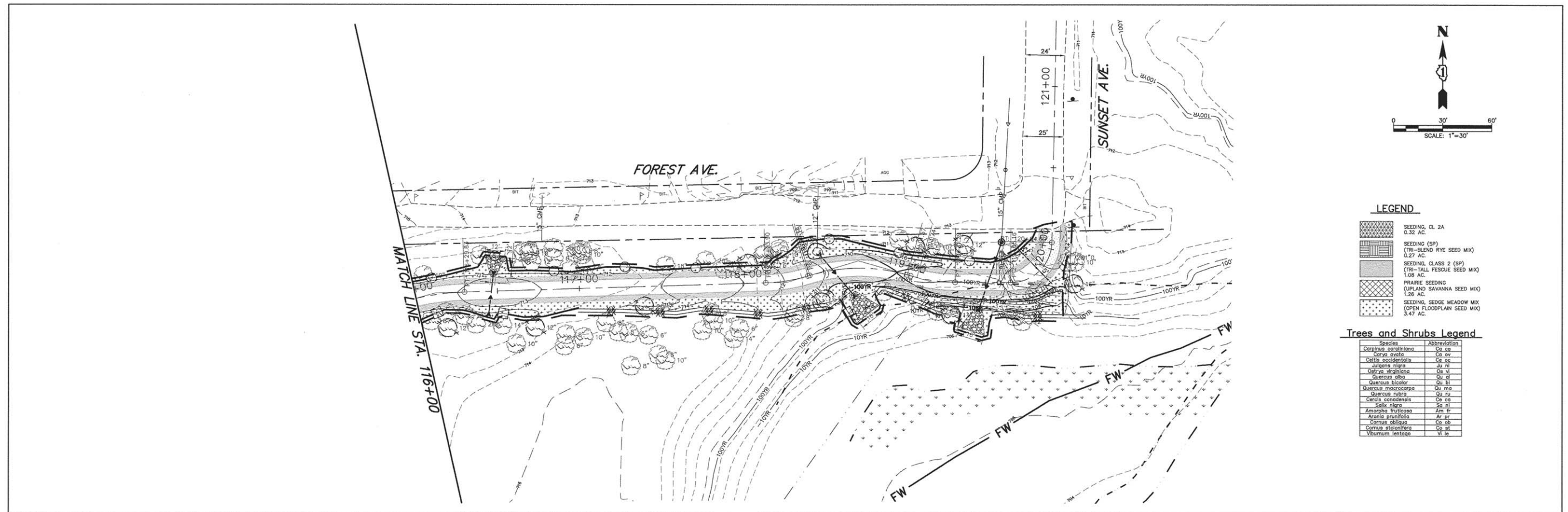
SCALE: 1"=30'H SHEET 1 OF 8 SHEETS STA. 100+00 TO STA. 115+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 52           |
| CONTRACT NO. 6IC60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |



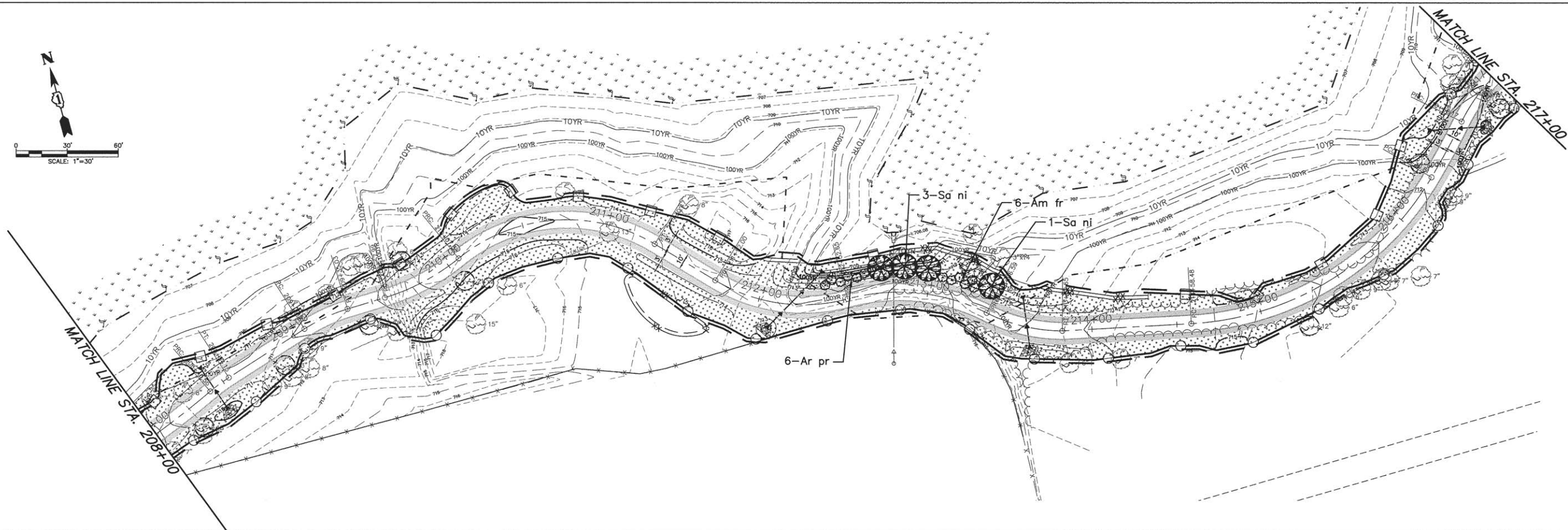
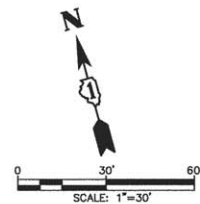
| PLAN  | SURVEYED | BY | DATE |
|-------|----------|----|------|
| NOTED | NOTED    |    |      |
| NO.   | NO.      |    |      |

| PROFILE | SURVEYED | BY | DATE |
|---------|----------|----|------|
| NOTED   | NOTED    |    |      |
| NO.     | NO.      |    |      |

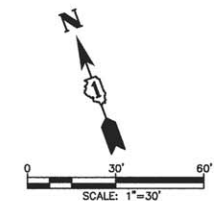
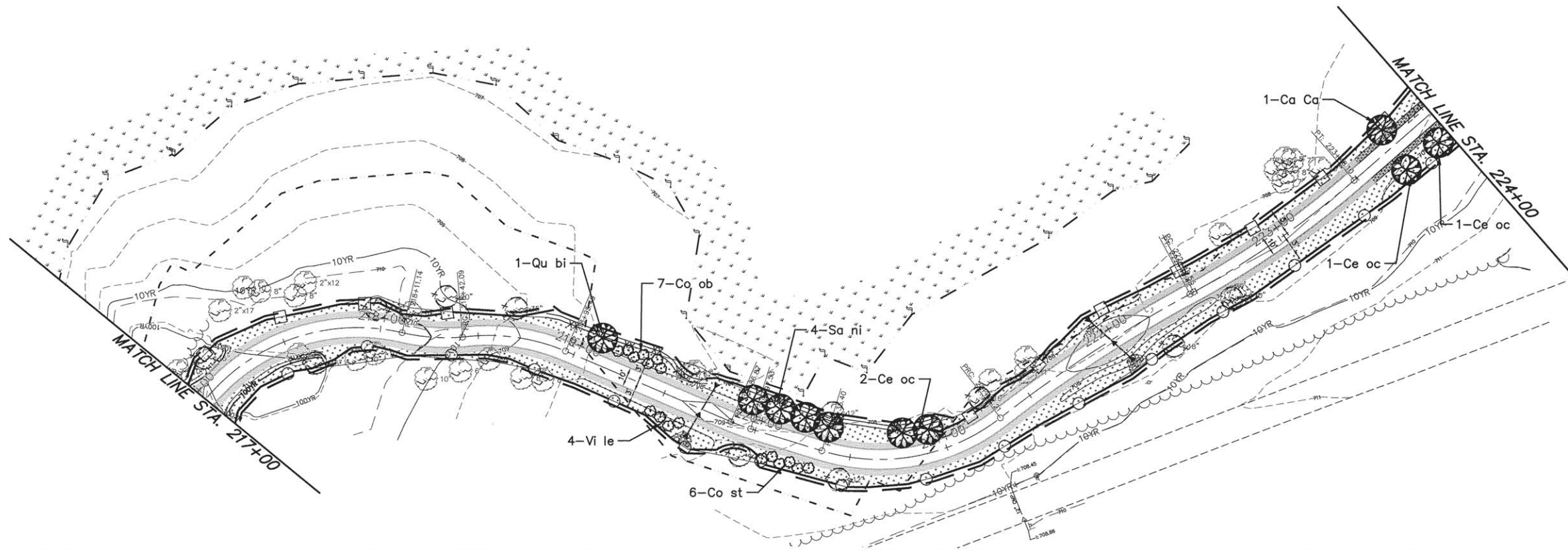


|                                                                                     |                                                                                                                                                        |                    |                      |                      |                                                   |                                                        |                     |                            |                       |          |                  |                 |              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|----------------------|---------------------------------------------------|--------------------------------------------------------|---------------------|----------------------------|-----------------------|----------|------------------|-----------------|--------------|
|  | ENGINEERING<br>RESOURCE<br>ASSOCIATES, INC.<br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS                                                         | USER NAME = ranner | DESIGNED = AK        | REVISED = 04/21/2016 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | WEST BRANCH REGIONAL TRAIL<br>WEST TRAIL PLANTING PLAN |                     |                            | F.A.U.<br>RTE.        | SECTION  | COUNTY           | TOTAL<br>SHEETS | SHEET<br>NO. |
|                                                                                     | FILE NAME = W:\DuPage County Forest Preserve\120607 West<br>Branch Regional Trail\120607 FD Phase II<br>Engineering\120607\120607 FD Planting Plan.dwg | DRAWN = RT         | REVISED = 04/29/2016 | -                    |                                                   |                                                        |                     |                            | I2-F3000-II-BT        | DUPAGE   | 86               | 53              |              |
|                                                                                     | PLOT SCALE = 8"=1"                                                                                                                                     | CHECKED = JM       | REVISED = ---        | CONTRACT NO. 61C60   |                                                   |                                                        |                     |                            |                       |          |                  |                 |              |
|                                                                                     | PLOT DATE = 4/29/2016                                                                                                                                  | DATE = April, 2016 | REVISED = ---        | SCALE: 1"=30'H       |                                                   |                                                        | SHEET 2 OF 8 SHEETS | STA. 116+00 TO STA. 208+00 | FED. ROAD DIST. NO. = | ILLINOIS | FED. AID PROJECT |                 |              |

| PLAN     | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    |      |
| NO.      |      |



| PROFILE  | DATE |
|----------|------|
| DESIGNED | BY   |
| CHECKED  | DATE |
| NOTED    |      |
| NO.      |      |



| LEGEND |                                                                     |
|--------|---------------------------------------------------------------------|
|        | SEEDING, CL 2A<br>0.32 AC.                                          |
|        | SEEDING, (SP)<br>(TRI-BLEND RYE SEED MIX)<br>0.27 AC.               |
|        | SEEDING, CLASS 2 (SP)<br>(TRI-TALL FESCUE SEED MIX)<br>1.08 AC.     |
|        | PRairie SEEDING<br>(UPLAND SAVANNA SEED MIX)<br>1.26 AC.            |
|        | SEEDING, SEDGE MEADOW MIX<br>(OPEN FLOODPLAIN SEED MIX)<br>3.47 AC. |

| Trees and Shrubs Legend |              |
|-------------------------|--------------|
| Species                 | Abbreviation |
| Cornus caroliniana      | Ca ca        |
| Cornus ovata            | Ca ov        |
| Celtis occidentalis     | Ce oc        |
| Quercus nigra           | Qu ni        |
| Quercus macrocarpa      | Qu ma        |
| Quercus bicolor         | Qu bi        |
| Quercus muhlenbergii    | Qu mu        |



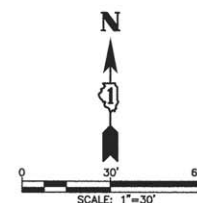
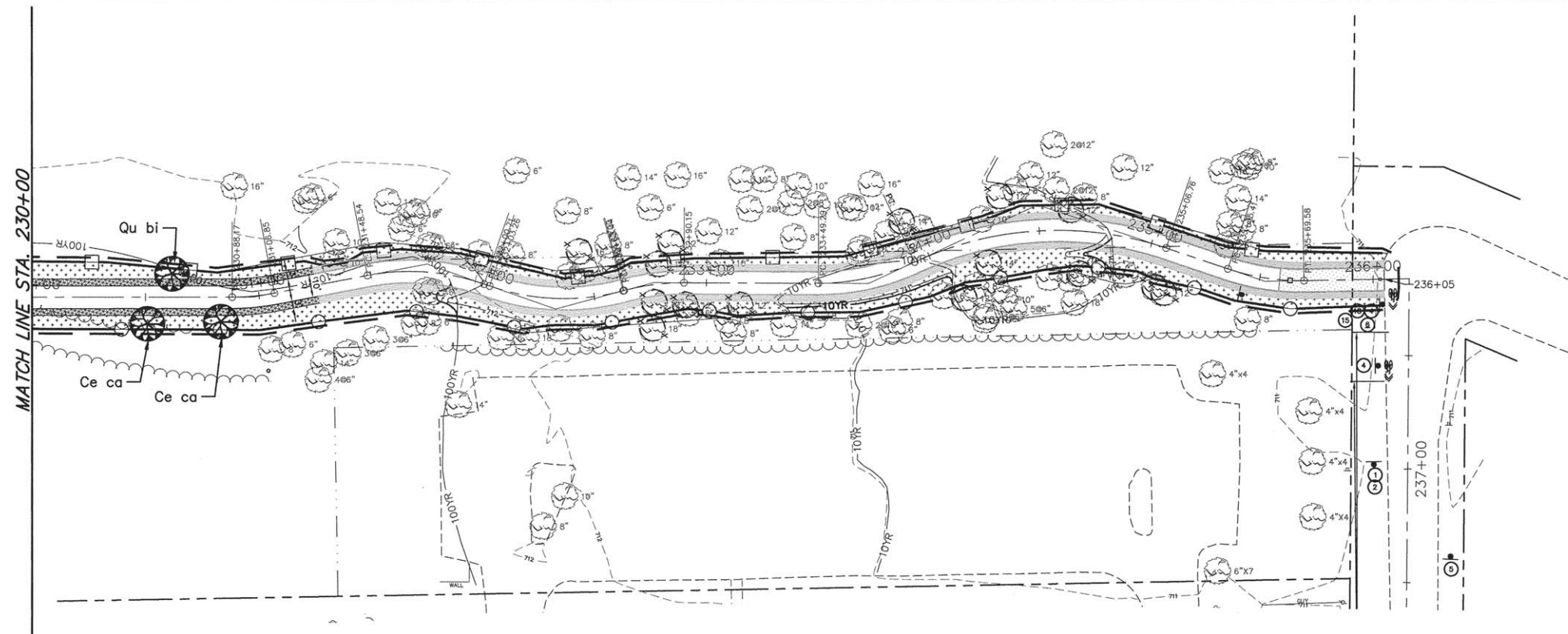
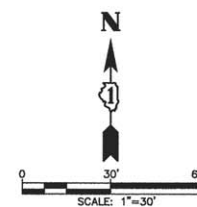
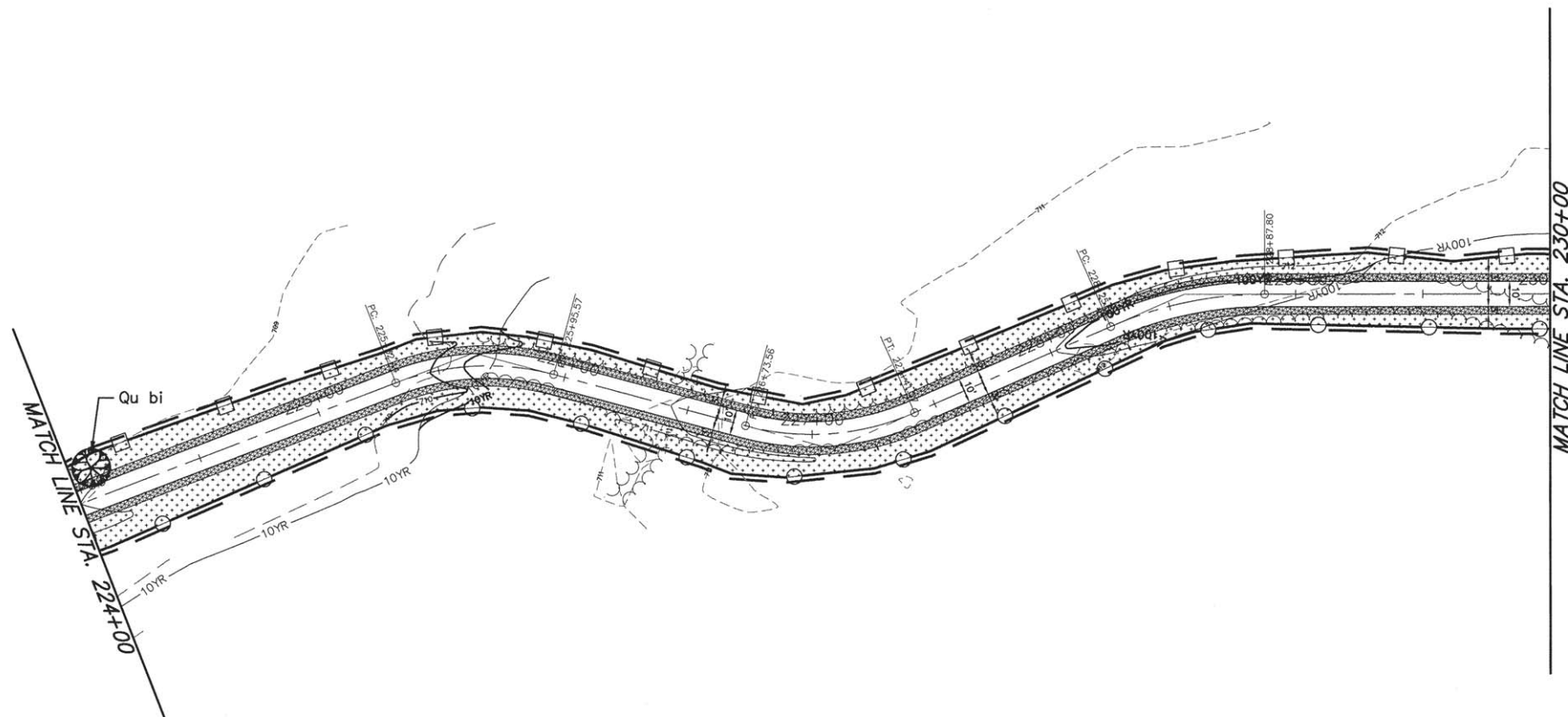
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|-----------|---------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                  | BY _____ | DATE _____ |
| NOTE BOOK | PLOTTED _____                   |          |            |
|           | GRADES CHECKED _____            |          |            |
|           | B.M. NOTED _____                |          |            |
| NO. _____ | STRUCTURE NOTATIONS CHK'D _____ |          |            |

### LEGEND

|                                                                                   |                                                                     |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|
|  | SEEDING, CL 2A<br>0.32 AC.                                          |
|  | SEEDING (SP)<br>(TRI-BLEND RYE SEED MIX)<br>0.27 AC.                |
|  | SEEDING, CLASS 2 (SP)<br>(TRI-TALL FESCUE SEED MIX)<br>1.08 AC.     |
|  | PRAIRIE SEEDING<br>(UPLAND SAVANNAH SEED MIX)<br>1.26 AC.           |
|  | SEEDING, SEDGE MEADOW MIX<br>(OPEN FLOODPLAIN SEED MIX)<br>0.67 AC. |

## Trees and Shrubs Legend

| Species                     | Abbreviation |
|-----------------------------|--------------|
| <i>Carpinus caroliniana</i> | Ca ca        |
| <i>Carya ovata</i>          | Ca ov        |
| <i>Celtis occidentalis</i>  | Ce oc        |
| <i>Juliana nigra</i>        | Ju ni        |
| <i>Ostrya virginiana</i>    | Ov vi        |
| <i>Quercus alba</i>         | Qu al        |
| <i>Quercus bicolor</i>      | Qu bi        |
| <i>Quercus macrocarpa</i>   | Qu ma        |
| <i>Quercus rubra</i>        | Qu ru        |
| <i>Cercis canadensis</i>    | Ce ca        |
| <i>Solidago nigra</i>       | So ni        |
| <i>Amorpha fruticosa</i>    | Am fr        |
| <i>Aronia prunifolia</i>    | Ar pr        |
| <i>Cornus obliqua</i>       | Co ob        |
| <i>Quercus stoneriana</i>   | Co st        |
| <i>Viburnum lentago</i>     | Vi la        |

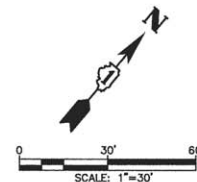
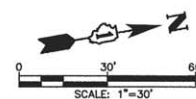


|                                                                                                                                                                                             |                                                                                                                                                                                                              |                                                                   |                                                                            |                                                           |                                                                |                                                                                             |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|
|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME = rlanter<br>FILE NAME = W:\UpApps County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II Engineering\120607.FD Planting.mxd<br>PLOT SCALE = 1"=30'H<br>PLOT DATE = 4/21/2016 | DESIGNED - AK<br>DRAWN - RT<br>CHECKED - JM<br>DATE - April, 2016 | REVISED - 04/21/2016<br>REVISED - ----<br>REVISED - ----<br>REVISED - ---- | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL<br/>WEST TRAIL PLANTING PLAN</b> | F.A.U. R.E. -<br>SECTION 12-F3000-II-BT<br>COUNTY DUPAGE<br>TOTAL SHEETS 86<br>SHEET NO. 55 | CONTRACT NO. 61C60 |
|                                                                                                                                                                                             | SCALE: 1"=30'H<br>SHEET 4 OF 8 SHEETS<br>STA. 129+00 TO STA. 135+35                                                                                                                                          | FED. ROAD DIST. NO. - ILLINOIS<br>FED. AID PROJECT                |                                                                            |                                                           |                                                                |                                                                                             |                    |

|           |                                   |          |            |
|-----------|-----------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                    | BY _____ | DATE _____ |
|           | PLOTTED _____                     |          |            |
| NOTE BOOK | GRADES CHECKED _____              |          |            |
|           | B.M. NOTED _____                  |          |            |
| NO. _____ | STRUCTURE NOTATIONS CHECKED _____ |          |            |

### Trees and Shrubs Legend

| Species                     | Abbreviation |
|-----------------------------|--------------|
| <i>Carpinus caroliniana</i> | Ca ca        |
| <i>Carya ovata</i>          | Ca ov        |
| <i>Celtis occidentalis</i>  | Ce oc        |
| <i>Juglans nigra</i>        | Ju ni        |
| <i>Ostrya virginiana</i>    | Ov vi        |
| <i>Quercus alba</i>         | Qu al        |
| <i>Quercus bicolor</i>      | Qu bi        |
| <i>Quercus macrocarpa</i>   | Qu ma        |
| <i>Quercus rubra</i>        | Qu ru        |
| <i>Cercis canadensis</i>    | Ce ca        |
| <i>Salis nigra</i>          | Sal ni       |
| <i>Amorpha fruticosa</i>    | Am fr        |
| <i>Aronia prunifolia</i>    | Ar pr        |
| <i>Cornus alba</i>          | Co ab        |
| <i>Cornus alternifolia</i>  | Co al        |
| <i>Viburnum lentago</i>     | Vi le        |



|                                                                                                                                                                                             |                                                                                                                                         |                     |                      |                                                           |                                                                |                     |                            |                       |                |                  |                 |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------|----------------------------|-----------------------|----------------|------------------|-----------------|--------------|
|  <b>ENGINEERING<br/>RESOURCE<br/>ASSOCIATES, INC.</b><br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME = rlanter                                                                                                                     | DESIGNED - AK       | REVISED - 04/21/2016 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>WEST BRANCH REGIONAL TRAIL<br/>WEST TRAIL PLANTING PLAN</b> |                     |                            | F.A.U.<br>RTE.        | SECTION        | COUNTY           | TOTAL<br>SHEETS | SHEET<br>NO. |
|                                                                                                                                                                                             | FILE NAME = W:\Dodge County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II Engineering\120607.FD PlantingPlan.dwg | DRAWN - RT          | REVISED - ---        |                                                           |                                                                |                     |                            | -                     | 12-F3000-II-BT | DUPAGE           | 86              | 56           |
|                                                                                                                                                                                             | PLOT SCALE = 1"=30'H                                                                                                                    | CHECKED - JM        | REVISED - ---        |                                                           | CONTRACT NO. 61C60                                             |                     |                            |                       |                |                  |                 |              |
|                                                                                                                                                                                             | PLOT DATE = 4/21/2016                                                                                                                   | DATE - Apr'11, 2016 | REVISED - ---        |                                                           | SCALE: 1"=30'H                                                 | SHEET 5 OF 8 SHEETS | STA. 279+44 TO STA. 295+00 | FED. ROAD DIST. NO. - | ILLINOIS       | FED. AID PROJECT |                 |              |



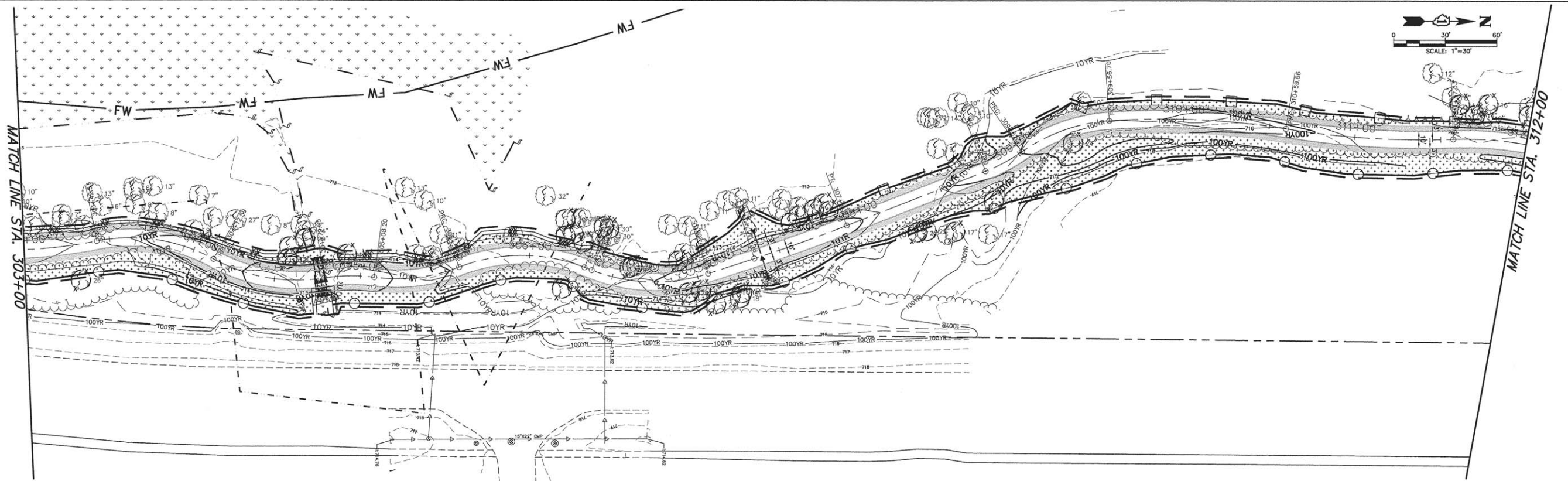
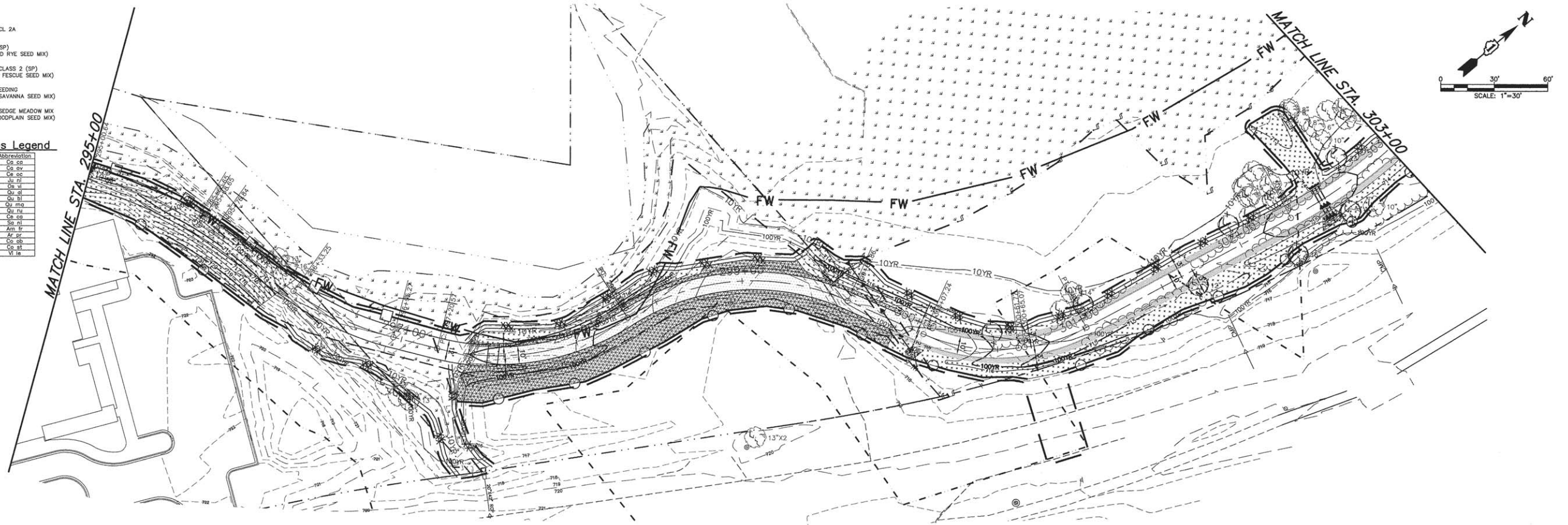
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|------|------|----|-----------|---------|
| PLAN | DATE | BY | SURVEYED  | CHECKED |
|      |      |    | ALIGNED   | CHECKED |
|      |      |    | NOTE BOOK | CHECKED |
|      |      |    | NO.       | CHECKED |

|         |      |    |           |         |
|---------|------|----|-----------|---------|
| PROFILE | DATE | BY | SURVEYED  | CHECKED |
|         |      |    | GRADES    | CHECKED |
|         |      |    | NOTE BOOK | CHECKED |
|         |      |    | NO.       | CHECKED |

- LEGEND**
- SEEDING, CL 2A  
0.32 AC.
  - SEEDING (SP)  
(TR)-BLIND RYE SEED MIX  
0.27 AC.
  - SEEDING, CLASS 2 (SP)  
(TR)-TALL FESCUE SEED MIX  
1.08 AC.
  - PRAIRIE SEEDING  
(UPLAND SAVANNA SEED MIX)  
1.59 AC.
  - SEEDING, SEDGE MEADOW MIX  
(OPEN FLOODPLAIN SEED MIX)  
3.47 AC.

**Trees and Shrubs Legend**

| Species              | Abbreviation |
|----------------------|--------------|
| Carpinus caroliniana | Ca. ca.      |
| Quercus alba         | Qu. al.      |
| Quercus bicolor      | Qu. bi.      |
| Quercus macrocarpa   | Qu. ma.      |
| Quercus rubra        | Qu. ru.      |
| Quercus prinus       | Qu. pr.      |
| Quercus sp.          | Qu. sp.      |
| Amorpha fruticosa    | Am. fr.      |
| Aronia arbutifolia   | Ar. ar.      |
| Cornus obliqua       | Co. ob.      |
| Cornus alternifolia  | Co. al.      |
| Viburnum lentago     | Vi. la.      |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtonner  
FILE NAME = Winfield County Forest Preserve\120607 West  
Branch Regional Trail\120607 FD Phase II  
PLOT SCALE = 85 CALS  
PLOT DATE = 4/21/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April, 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

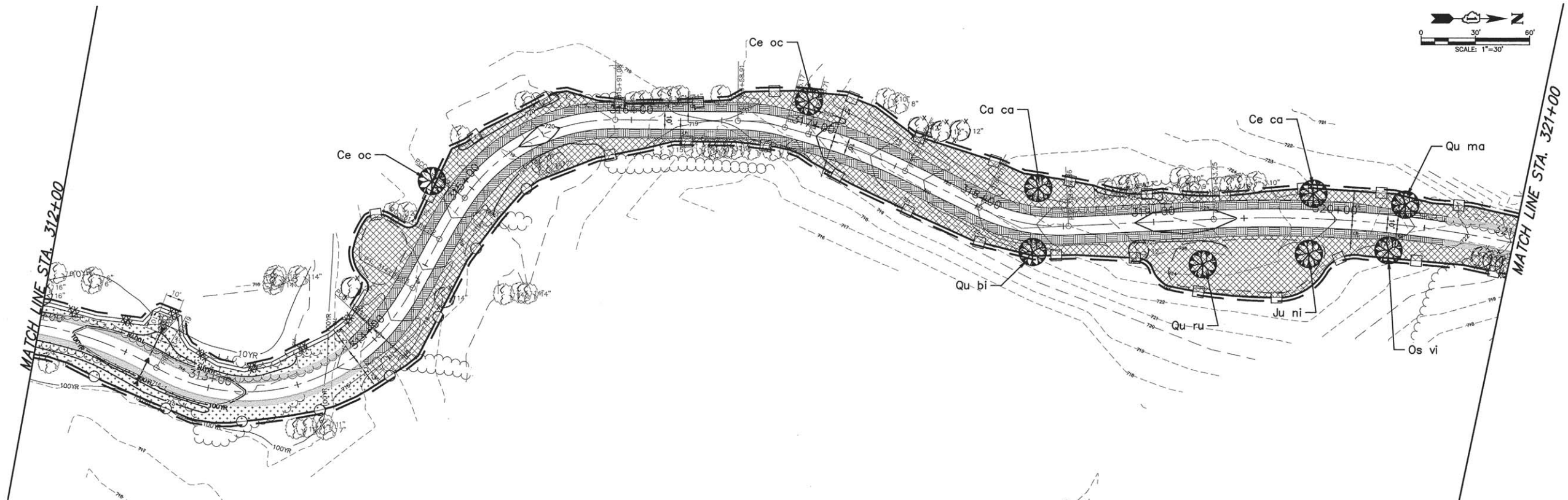
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WINFIELD RD. TRAIL PLANTING PLAN

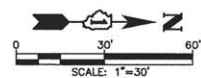
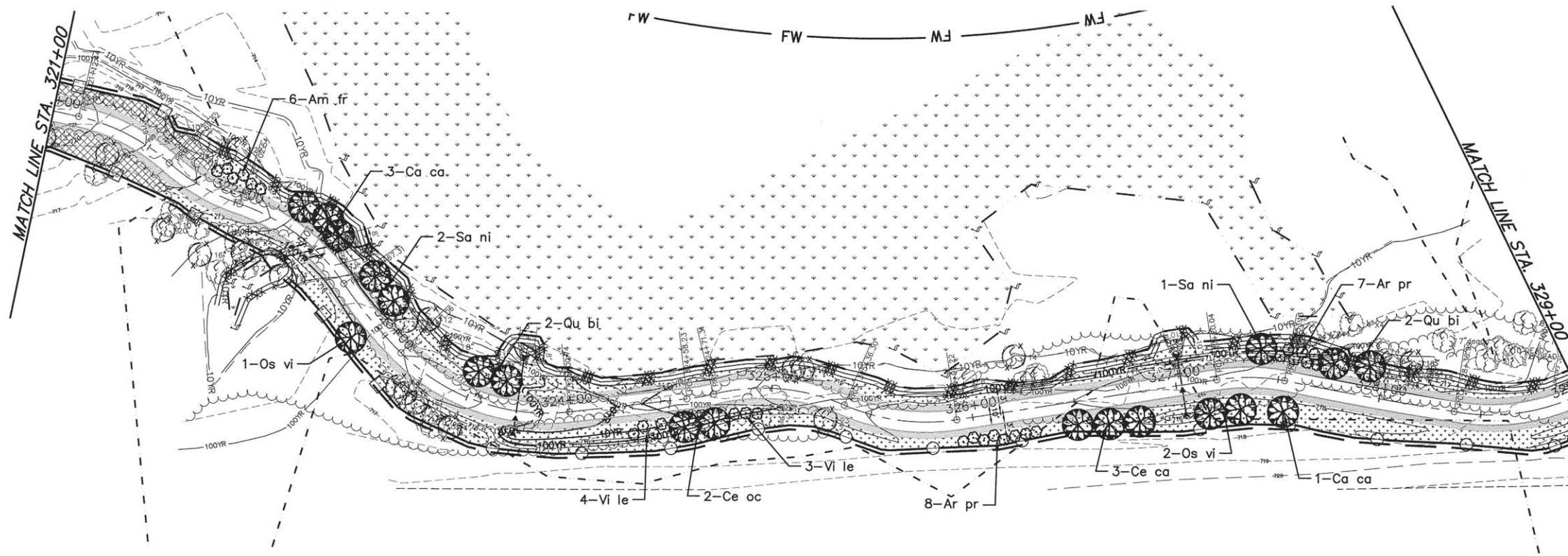
SCALE: 1"=30'H SHEET 6 OF 8 SHEETS STA. 295+00 TO STA. 312+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | 12-F3000-II-BT | DUPAGE | 86              | 57           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

| PLAN    | DATE |
|---------|------|
| BY      |      |
| CHECKED |      |
| NOTED   |      |
| NO.     |      |



| PROFILE | DATE |
|---------|------|
| BY      |      |
| CHECKED |      |
| NOTED   |      |
| NO.     |      |



#### LEGEND

|  |                                                                     |
|--|---------------------------------------------------------------------|
|  | SEEDING, CL 2A<br>0.32 AC.                                          |
|  | SEEDING (SP)<br>(TRI-BLEND RYE SEED MIX)<br>0.27 AC.                |
|  | SEEDING, CLASS 2 (SP)<br>(TRI-TALL FESCUE SEED MIX)<br>1.08 AC.     |
|  | PRAIRIE SEEDING<br>(UPLAND SAVANNAH SEED MIX)<br>1.26 AC.           |
|  | SEEDING, SEDGE MEADOW MIX<br>(OPEN FLOODPLAIN SEED MIX)<br>3.47 AC. |

#### Trees and Shrubs Legend

| Species              | Abbreviation |
|----------------------|--------------|
| Quercus alba         | Qu al        |
| Quercus bicolor      | Qu bi        |
| Quercus macrocarpa   | Qu ma        |
| Quercus rubra        | Qu ru        |
| Cornus oblongifolia  | Co ob        |
| Amorpha fruticosa    | Am fr        |
| Artemisia biennis    | Ar bi        |
| Cornus amomum        | Co am        |
| Viburnum acerifolium | Vi ac        |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME: r1anner  
FILE NAME: W:\Upstate County Forest Preserve\135607 West Branch Regional Trail\135607.FD Phase II  
PLOT SCALE: 1"=30'-0"  
PLOT DATE: 4/26/2016

DESIGNED - BD  
DRAWN - RT  
CHECKED - SW  
DATE - Apr 11, 2016

REVISED - 04/21/2016  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WINFIELD RD. TRAIL PLANTING PLAN

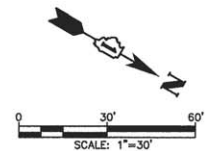
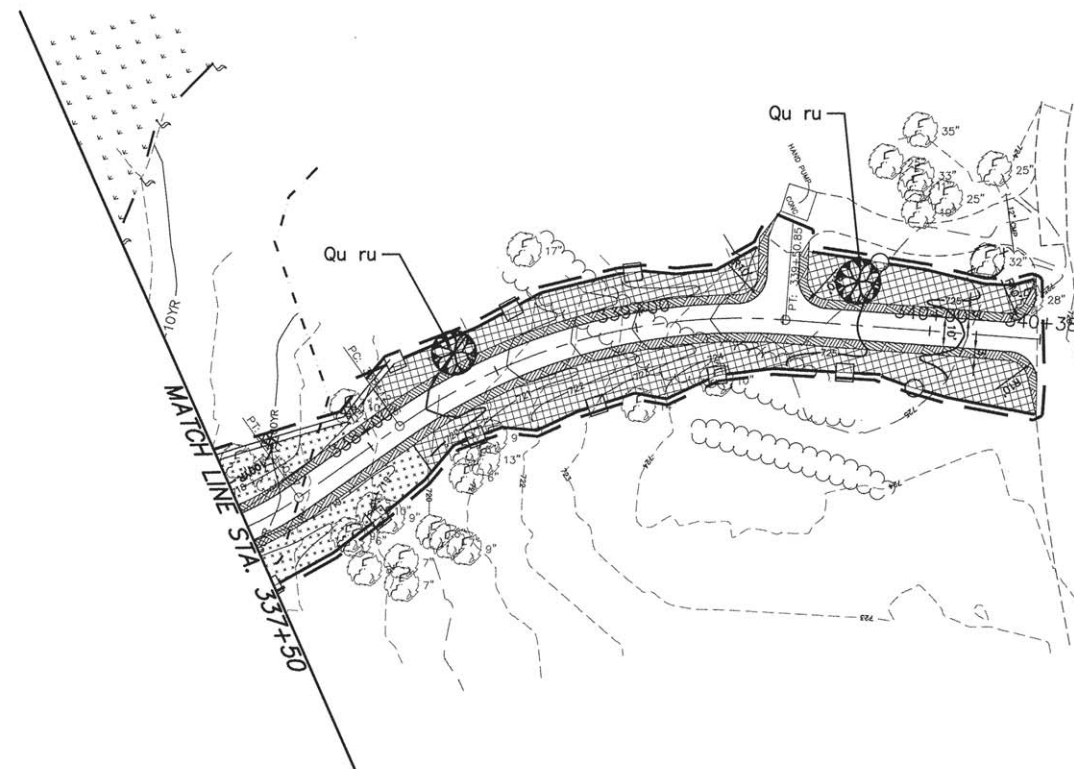
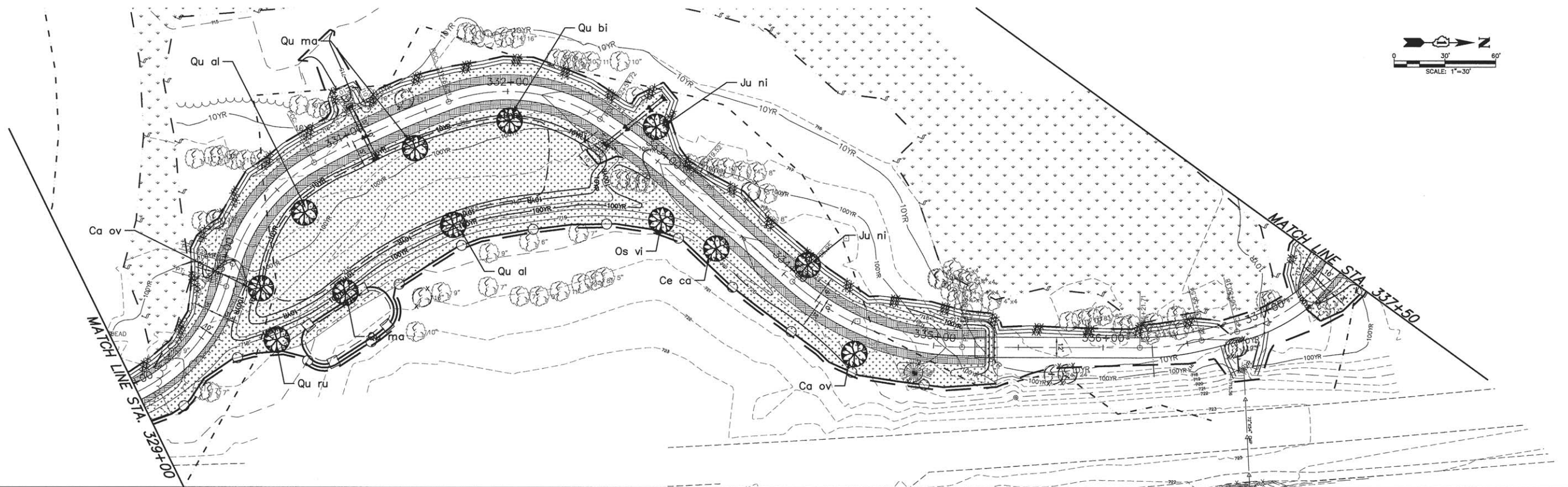
SCALE: 1"=30'-0" SHEET 7 OF 8 SHEETS STA. 312+00 TO STA. 329+00

| F.A.U. RTE.                                     | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------------------------|----------------|--------|--------------|-----------|
| -                                               | 12-F3000-II-BT | DUPAGE | 86           | 58        |
| CONTRACT NO. 61C60                              |                |        |              |           |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |              |           |



| PLAN      | DATE    |
|-----------|---------|
| SURVEYED  | BY      |
| ALIGNED   | CHECKED |
| NOTE BOOK | NO.     |
| FILE NAME |         |

| PROFILE        | DATE    |
|----------------|---------|
| SURVEYED       | BY      |
| GRADES CHECKED | CHECKED |
| NOTE BOOK      | NO.     |
| FILE NAME      |         |



| LEGEND |                                                                     |
|--------|---------------------------------------------------------------------|
|        | SEEDING, CL 2A<br>0.32 AC.                                          |
|        | SEEDING, (SP)<br>(TRI-BLEND RYE SEED MIX)<br>0.27 AC.               |
|        | SEEDING, CLASS 2 (SP)<br>(TRI-TALL FESCUE SEED MIX)<br>1.08 AC.     |
|        | PRAIRIE SEEDING<br>(UPLAND SAVANNA SEED MIX)<br>1.26 AC.            |
|        | SEEDING, SEDGE MEADOW MIX<br>(OPEN FLOODPLAIN SEED MIX)<br>5.47 AC. |

| Trees and Shrubs Legend |              |
|-------------------------|--------------|
| Species                 | Abbreviation |
| Carpinus caroliniana    | Ca ca        |
| Quercus alba            | Qu al        |
| Celtis occidentalis     | Ce oc        |
| Juniperus               | Ju ni        |
| Quercus macrocarpa      | Qu ma        |
| Quercus bicolor         | Qu bi        |
| Quercus rubra           | Qu ru        |
| Cornus                  | Co           |
| Salix nigra             | Si ni        |
| Amorpha fruticosa       | Am fr        |
| Aronia                  | Ar           |
| Cornus                  | Co           |
| Viburnum lentago        | Vi le        |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = Winfield Regional Trail\20607-FD Phase II  
PLOT SCALE = 1"=30'H  
PLOT DATE = 4/26/2016

DESIGNED - BD  
DRAWN - RT  
CHECKED - SW  
DATE - April, 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

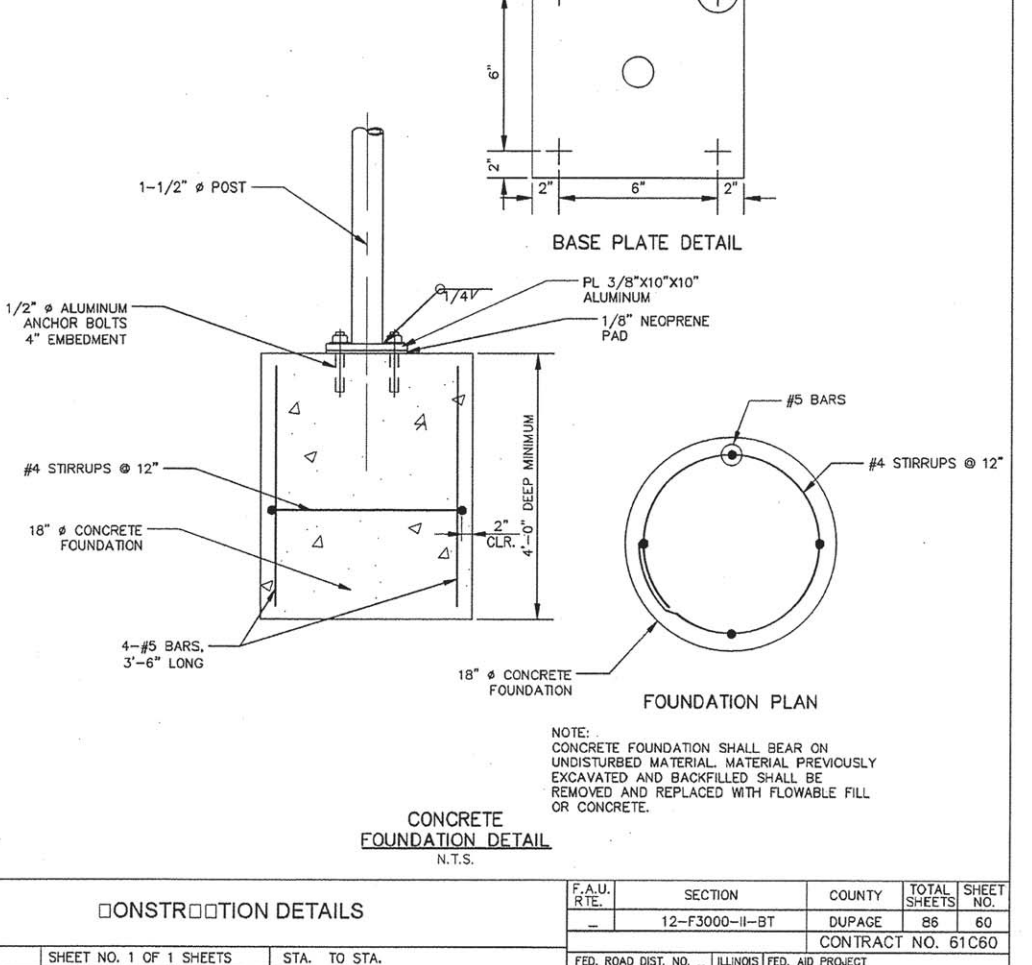
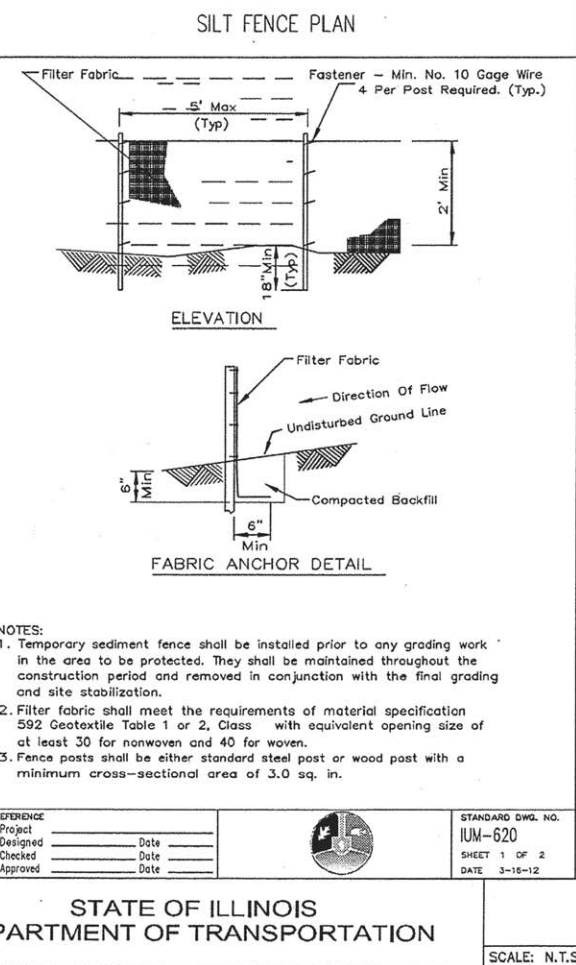
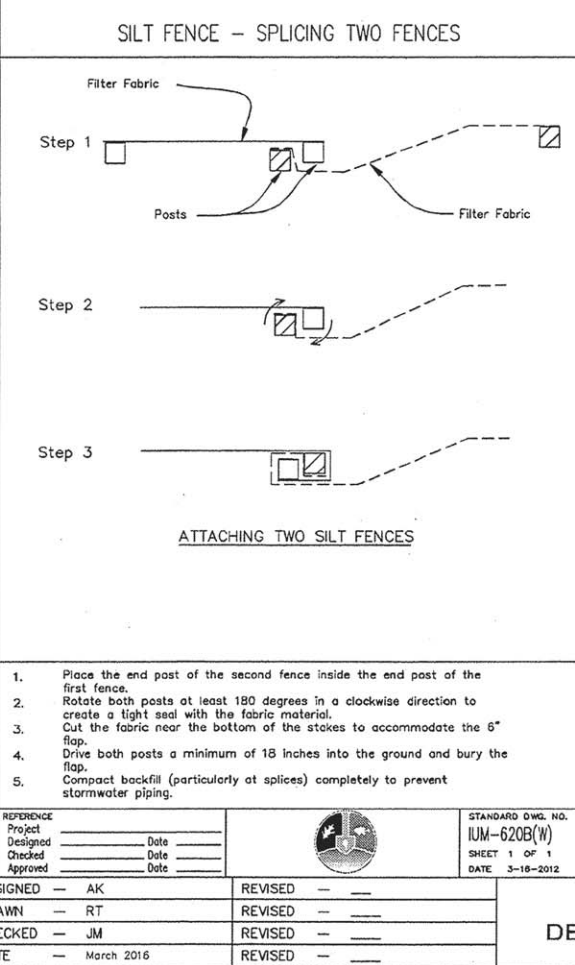
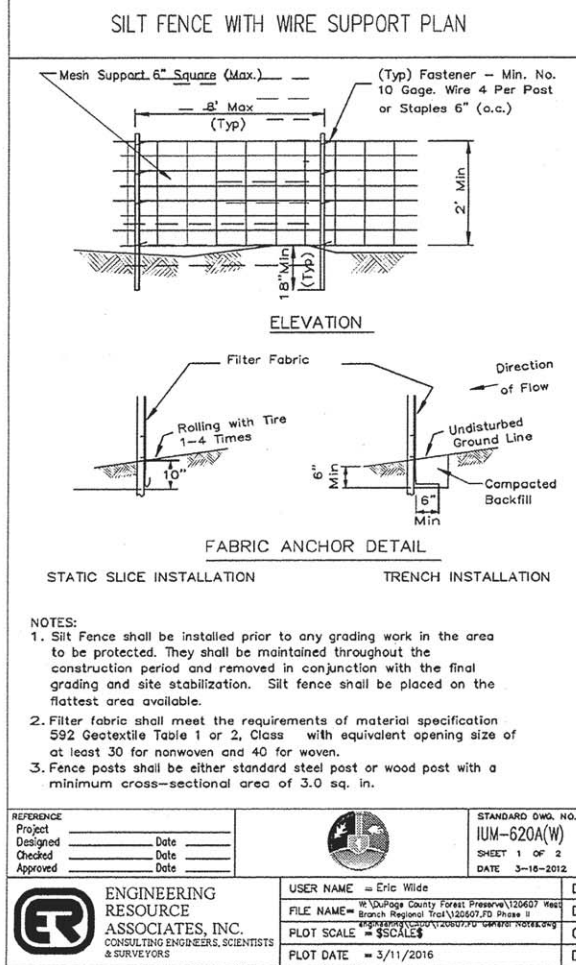
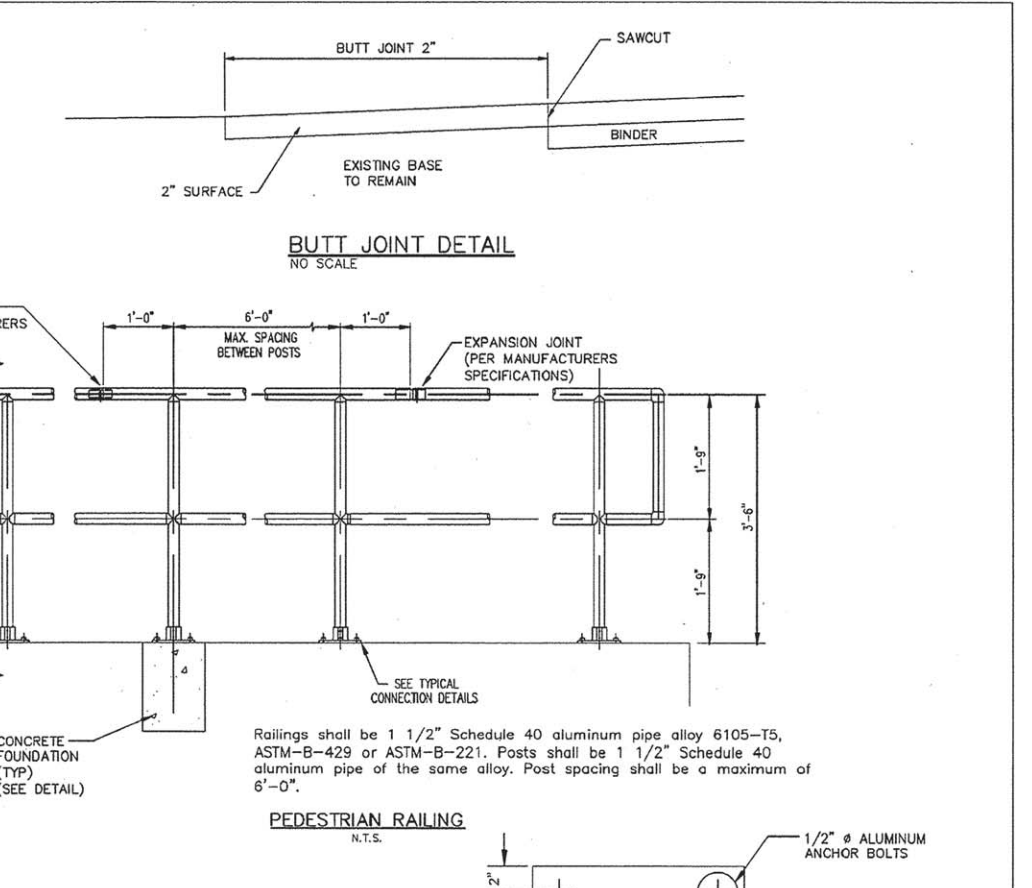
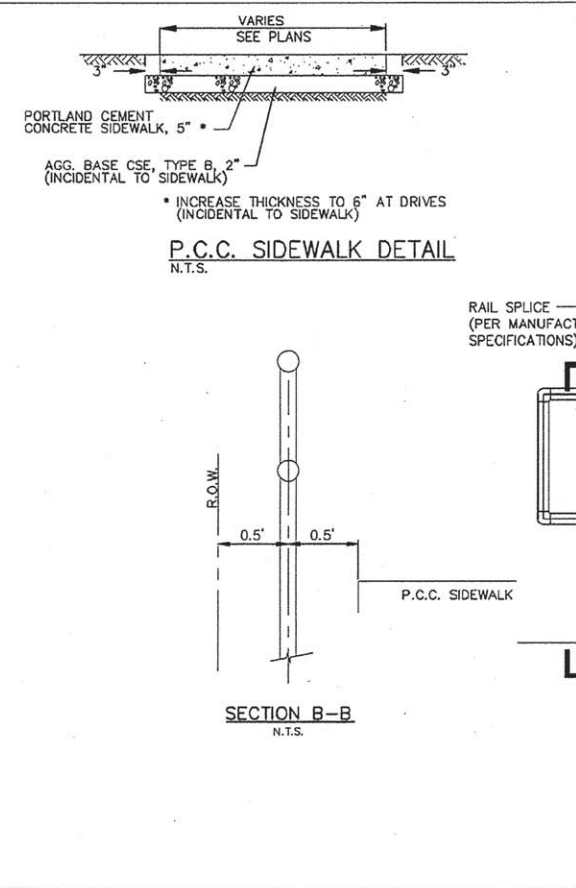
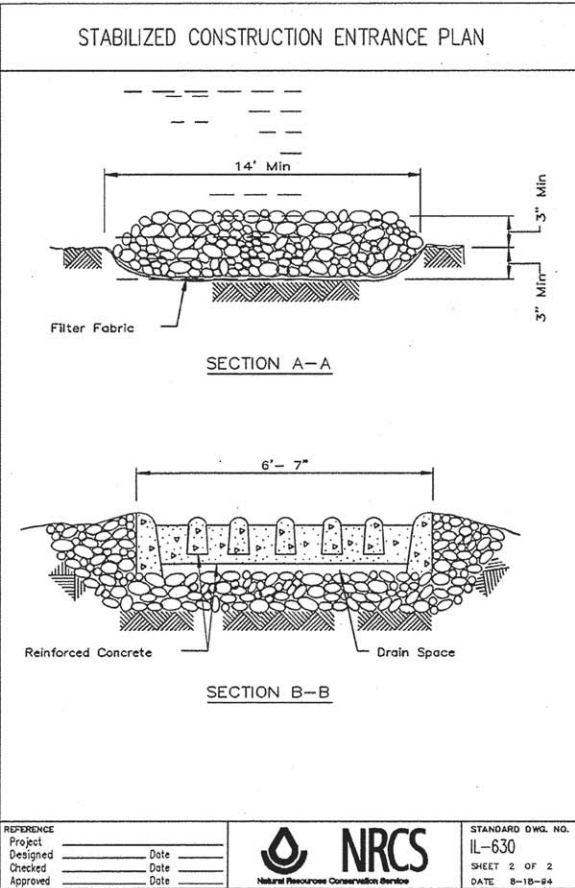
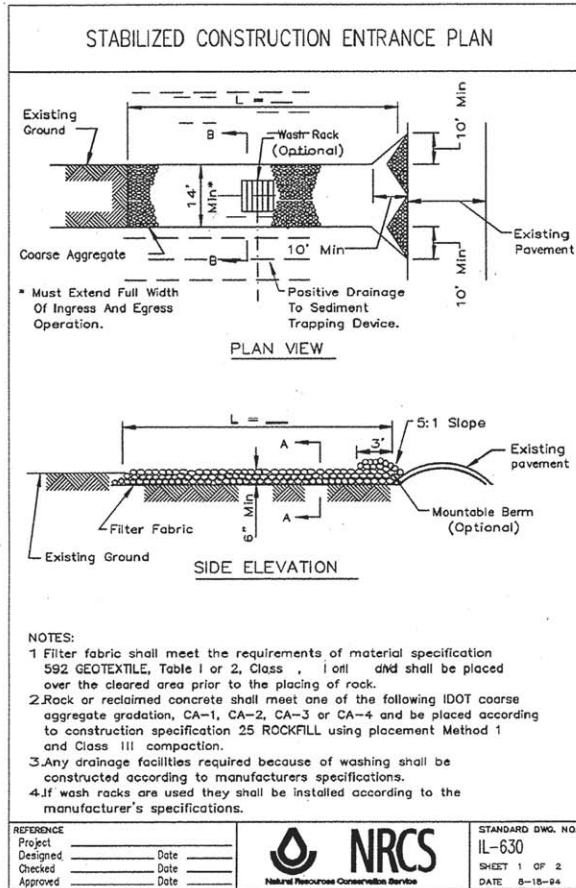
WEST BRANCH REGIONAL TRAIL  
WINFIELD RD. TRAIL PLANTING PLAN

SCALE: 1"=30'H SHEET 8 OF 8 SHEETS STA. 329+00 TO STA. 340+49

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 59           |
| CONTRACT NO. 6IC60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |

|           |      |    |
|-----------|------|----|
| PLAN      | DATE | BY |
| DESIGNED  |      |    |
| CHECKED   |      |    |
| APPROVED  |      |    |
| NOTED     |      |    |
| FILE NAME |      |    |
| NO.       |      |    |

|           |      |    |
|-----------|------|----|
| PROFILE   | DATE | BY |
| DESIGNED  |      |    |
| CHECKED   |      |    |
| APPROVED  |      |    |
| NOTED     |      |    |
| FILE NAME |      |    |
| NO.       |      |    |



ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTISTS & SURVEYORS

USER NAME = Eric Wilde  
FILE NAME = W:\Illinois County Forest Preserve\120607\120607.D Phase 2  
PLOT SCALE = 1"=50'  
PLOT DATE = 3/11/2016

DESIGNED = AK  
DRAWN = RT  
CHECKED = JM  
DATE = March 2016

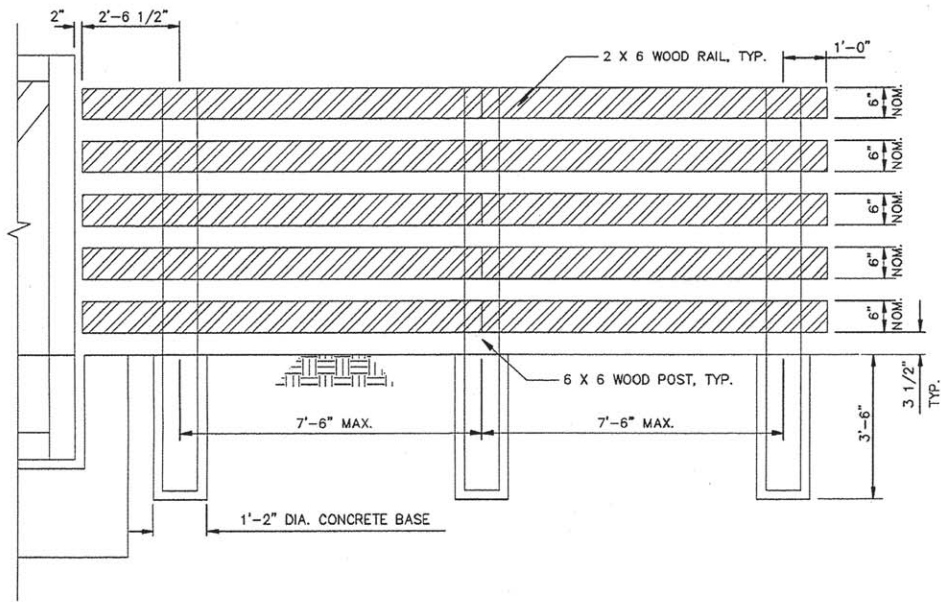
REVISED =  
REVISED =  
REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

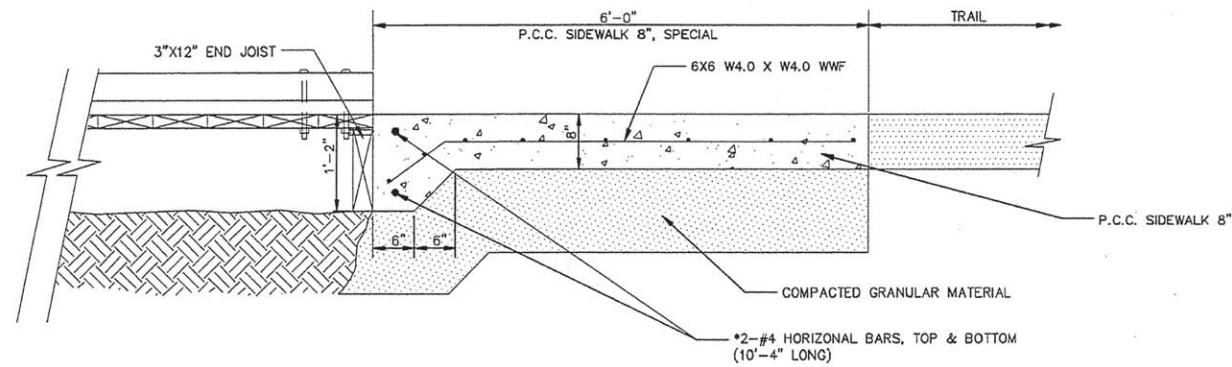
CONSTRUCTION DETAILS  
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.  
12-F3000-II-BT DUPAGE 86 60  
CONTRACT NO. 61C60  
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

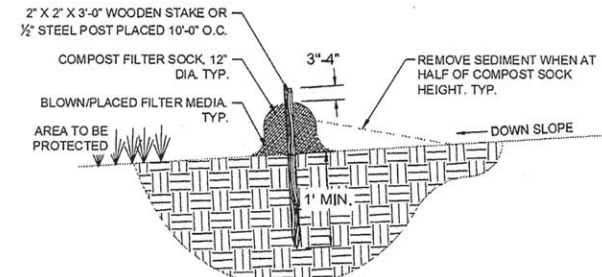




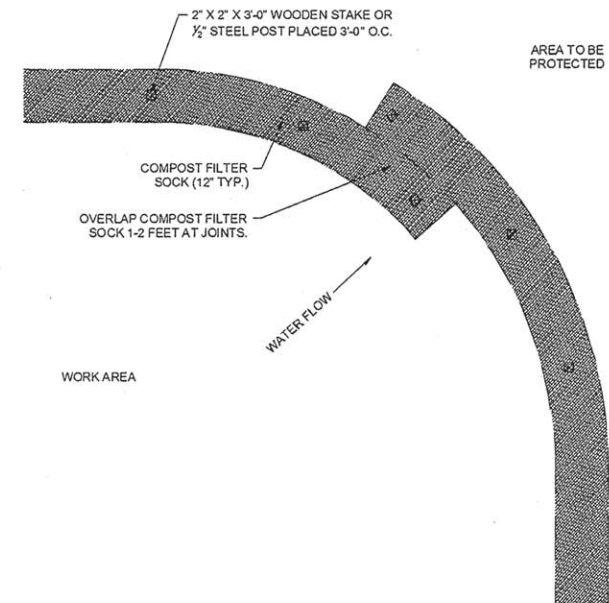
WOOD POST AND RAIL FENCE DETAIL  
N.T.S.



6'X12 CONCRETE SIDEWALK DETAIL  
N.T.S.



- NOTES:
1. FILTER MEDIA SHALL BE CERTIFIED WEED-FREE COMPOSTED MATERIAL ACCORDING TO SPECIFICATIONS. IF CERTIFICATION CANNOT BE PROVIDED CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND LEGALLY DISPOSING OF ALL FILTER MEDIA.
  2. COMPOST SOCK SHALL CONSIST OF A COTTON BASED BIODEGRADABLE MATERIAL.
  3. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL STAKES. NO HAZARDOUS AND JAGGED EDGES SHALL BE ACCEPTED AND SHALL BE EITHER COMPLETELY REMOVED OR BURIED AS TO ELIMINATE ALL HAZARDOUS CONDITIONS.



COMPOST SOCK DETAIL  
N.T.S.



USER NAME = Eric Wilde  
FILE NAME = Branch Regional Trail\120607.FD Phase II  
PLOT SCALE = 1/8"=1'-0"  
PLOT DATE = 6/27/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - June 2016

REVISED - --  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| F.A.U. RTE.                                     | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------------------------|----------------|--------|--------------|-----------|
| -                                               | 12-F3000-II-BT | DUPAGE | 86           | 61        |
| CONTRACT NO. 61C60                              |                |        |              |           |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |              |           |

|           |                          |          |            |
|-----------|--------------------------|----------|------------|
| PLAN      | SURVEYED _____           | BY _____ | DATE _____ |
| NOTE BOOK | PLOTTED _____            |          |            |
| NO. _____ | ALIGNMENT CHECKED _____  |          |            |
|           | RT. OF WAY CHECKED _____ |          |            |
|           | CADD FILE NAME _____     |          |            |

- |           |                                   |          |            |
|-----------|-----------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                    | BY _____ | DATE _____ |
|           | PLOTTED _____                     |          |            |
|           | GRADES CHECKED _____              |          |            |
|           | I.B.M. NOTED _____                |          |            |
|           | STRUCTURE NOTATIONS CHECKED _____ |          |            |
| NOTE BOOK |                                   |          |            |
| NO. _____ |                                   |          |            |

1. SEDIMENT CONTROL SILT FENCING, TEMPORARY FENCING, AND TREE PROTECTION SHALL BE IN PLACE PRIOR TO EARTHWORK ACTIVITIES.
2. TREE AND BRUSH REMOVAL WILL BE PERFORMED.
3. SITE SHALL BE EXCAVATED FOR TRAIL INSTALLATION, WITH ALL PROPOSED TRAIL AREAS GRADED TO ROUGHLY 1-FOOT BELOW EXISTING ELEVATION ON PLANS.
4. UTILITIES SHALL BE CONSTRUCTED. AFTER COMPLETION OF STORM SEWER CONSTRUCTION, SEDIMENT CONTROL FILTER BARRIER AND SEDIMENT CONTROL FLOW-THROUGH FILTERS SHALL BE PLACED AT EACH OPEN-GRADE STRUCTURE.
5. CONCRETE CURB & GUTTER AND BITUMINOUS AND AGGREGATE TRAILS SHALL BE CONSTRUCTED.
6. SITE SHALL BE TEMPORARILY STABILIZED IMMEDIATELY FOLLOWING MASS GRADING COMPLETION.
7. FINE GRADING SHALL BE PERFORMED.
8. THE SITE SHALL BE SEEDDED AND STABILIZED WITH BIODEGRADABLE EROSION CONTROL MAT UPON COMPLETION OF THE PROJECT.
9. TEMPORARY EROSION CONTROL MEASURES WILL BE REMOVED FOLLOWING FINAL STABILIZATION.

The diagram is a plan view showing a cross-section of a silt fence. A horizontal line represents the 'Toe Of Fill'. Below this line, a 'Silt Fence' is depicted as a semi-circular structure. The fence is supported by 'Post's and includes 'Cross Bracing'. A dimension line indicates a minimum distance of '6' Min.' from the toe of the fill to the fence. Above the toe of the fill, a 'Culvert' is shown with 'Flow' indicated by an arrow. The 'Endwall' of the culvert is also labeled. The area above the toe of the fill is labeled 'Toe Of Fill'.

|                           |                                                                                     |                   |
|---------------------------|-------------------------------------------------------------------------------------|-------------------|
| REFERENCE                 |  | STANDARD DWG. NO. |
| Project _____             |                                                                                     | IL-508SF          |
| Designed _____ Date _____ |                                                                                     | SHEET 1 OF 1      |
| Checked _____ Date _____  |                                                                                     | DATE 1-29-99      |
| Approved _____ Date _____ |                                                                                     |                   |

Pipe Outlet To Flat Area  
No Well-defined Channel

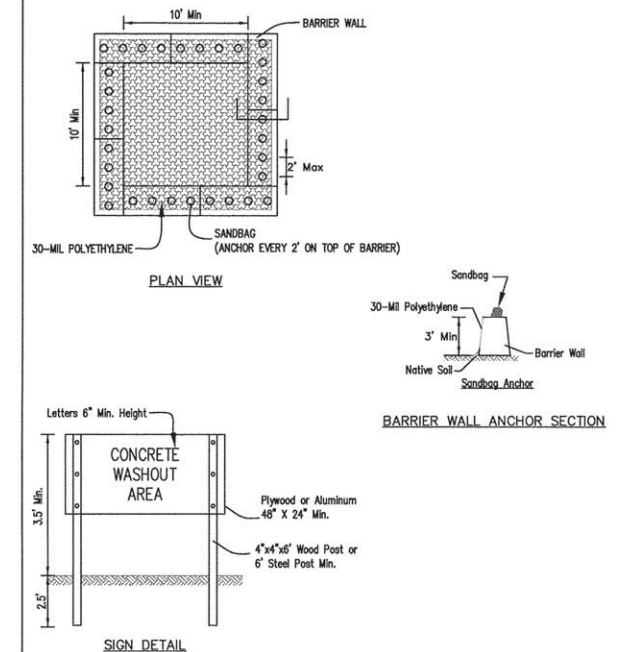
PLAN

SECTION A-A

NOTES:

1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall shall meet the IDOT requirements for the following gradation: RR \_\_\_\_\_, Quality \_\_\_\_\_
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

|                                                                                                                  |                                                                                                                                            |                                                             |
|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| REFERENCE<br>Project _____<br>Designed _____ Date _____<br>Checked _____ Date _____<br>Approved _____ Date _____ |  <b>NRCS</b><br>Natural Resource Conservation Service | STANDARD DWG. NO.<br>IL-610<br>SHEET 1 OF 1<br>DATE 9-15-93 |
|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|



NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. THE COST OF TEMPORARY CONCRETE WASHOUT SHALL BE INCLUDED IN THE COST OF ANY CONCRETE WORK IN THESE DOCUMENTS.

|                                               |                                                       |                                   |
|-----------------------------------------------|-------------------------------------------------------|-----------------------------------|
| Date: _____<br>Job No.: _____<br>Scale: _____ | TEMPORARY CONCRETE<br>WASHOUT FACILITY - BARRIER WALL | Designed: _____ Date: _____       |
|                                               |                                                       | Drawn: <u>S. J. JOHNSON</u> 8/28  |
|                                               |                                                       | Checked: _____<br>Approved: _____ |



|            |                                                                                                                                      |
|------------|--------------------------------------------------------------------------------------------------------------------------------------|
| USER NAME  | = rttanner                                                                                                                           |
| FILE NAME  | = W:\DuPage County Forest Preserve\120607 West Branch Regional Trail\120607.FD Phase II engineering\CADD\120607.FD General Notes.dwg |
| PLOT SCALE | = *SCALE*                                                                                                                            |
| PLOT DATE  | = 4/21/2016                                                                                                                          |

|          |   |            |
|----------|---|------------|
| DESIGNED | - | AK         |
| DRAWN    | - | RT         |
| CHECKED  | - | JM         |
| DATE     | - | April 2016 |

|         |   |             |
|---------|---|-------------|
| REVISED | - | 04/21/2016  |
| REVISED | - | 000 000 000 |
| REVISED | - | 000 000 000 |
| REVISED | - | 000 000 000 |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|               |                         |              |
|---------------|-------------------------|--------------|
| SCALE: N.T.S. | SHEET NO. 1 OF 1 SHEETS | STA. TO STA. |
|---------------|-------------------------|--------------|

|                     |                |                    |                 |              |
|---------------------|----------------|--------------------|-----------------|--------------|
| F.A.U.<br>RTE.      | SECTION        | COUNTY             | TOTAL<br>SHEETS | SHEET<br>NO. |
| -                   | I2-F3000-II-BT | DUPAGE             | 86              | 62           |
|                     |                | CONTRACT NO. 61C60 |                 |              |
| FED. ROAD DIST. NO. | ILLINOIS       | FED. AID PROJECT   |                 |              |



|           |                                  |          |            |
|-----------|----------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                   | BY _____ | DATE _____ |
|           | PLOTTED _____                    |          |            |
| NOTE BOOK | GRADES CHECKED _____             |          |            |
| NO. _____ | B.M. NOTED _____                 |          |            |
|           | STRUCTURE NOTATION'S CH'KD _____ |          |            |

**ELITE TRI BLEND RYE SEED MIX**

|        |                                   |
|--------|-----------------------------------|
| 33.63% | Top Gun II Perennial Ryegrass     |
| 32.83% | Derby Xtreme Perennial Ryegrass   |
| 32.46% | Secretariat II Perennial Ryegrass |
| 0.01%  | Other Crop                        |
| 0.03%  | Weed Seed                         |
| 1.04%  | Inert Matter                      |
| 0.00%  | Noxious Weeds                     |

NOTE: MINIMUM TOTAL APPLICATION RATE SHALL BE 218 LBS. PER ACRE

**TRI-TALL FESCUE SEED MIX**

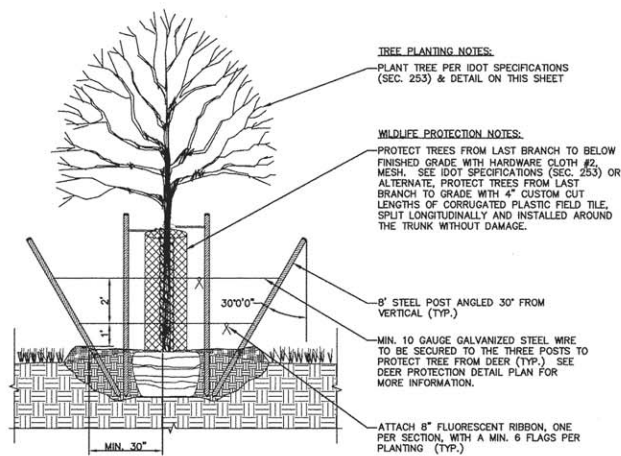
|     |                          |
|-----|--------------------------|
| 34% | Avenge Tall Fescue       |
| 33% | Titanium Tall Fescue     |
| 33% | Constitution Tall Fescue |

NOTE: MINIMUM TOTAL APPLICATION RATE SHALL BE 301 LBS. PER ACRE

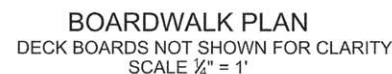
| TREES AND SHRUBS            | WI      | Common Name      | Size          | Quantity  |
|-----------------------------|---------|------------------|---------------|-----------|
| <b>TREES</b>                |         |                  |               |           |
| <i>Carpinus caroliniana</i> | (FAC)   | Blue Beech       | 1.75" Caliper | 2         |
| <i>Carya ovata</i>          | (FACU)  | Shagbark Hickory | 1.75" Caliper | 2         |
| <i>Celtis occidentalis</i>  | (FAC-)  | Hackberry        | 1.5" Caliper  | 4         |
| <i>Cercis canadensis</i>    | (FACU)  | Redbud           | 1.5" Caliper  | 4         |
| <i>Juglans nigra</i>        | (FACU)  | Black Walnut     | 1.75" Caliper | 3         |
| <i>Ostrya virginiana</i>    | (FACU-) | Ironwood         | 1.75" Caliper | 2         |
| <i>Quercus alba</i>         | (FAC)   | White Oak        | 1.75" Caliper | 2         |
| <i>Quercus bicolor</i>      | (FACW+) | Swamp White Oak  | 3.0" Caliper  | 4         |
| <i>Quercus macrocarpa</i>   | (FAC)   | Bur Oak          | 1.5" Caliper  | 3         |
| <i>Quercus rubra</i>        | (FACU)  | Red Oak          | 1.5" Caliper  | 4         |
| <b>TOTAL</b>                |         |                  |               | <b>30</b> |

Note: Values in parenthesis are wetland indicator status.

WILDLIFE TREE PROTECTION DETAIL  
(SECTION)  
NOT TO SCALE



|           |                             |    |      |
|-----------|-----------------------------|----|------|
| PROFILE   | SURVEYED                    | BY | DATE |
| NOTE BOOK | PLOTTED                     |    |      |
|           | GRADES CHECKED              |    |      |
|           | B.M. NOTED                  |    |      |
| NO. _____ | STRUCTURE NOTATIONS CHECKED |    |      |



NOTES:

- 1) LIVE LOAD = 100 PSF
- 2) VEHICLE LOAD, H5
- 3) DEFLECTION LIMIT L/480
- 4) ALL STRUCTURAL BOLTS TO BE GALVANIZED OR STAINLESS.  
DECK SCREW SHALL BE ZINC PLATED OR GALVANIZED

\* NUMBERS SHOWN ARE MAXIMUM THERMAL MOVEMENT FOR TEMPERATURE RANGE GIVEN.  
COEFFICIENT OF THERMAL EXPANSION ( $\alpha$ ) OF RSC IS  $2.82 \times 10^{-5}$  IN/IN/DEG F  
COLD TEMPERATURE RANGE ( $\Delta T$ ) IS 0-80 DEGREES F (AASHTO 3.12.2)  
MODERATE TEMPERATURE RANGE ( $\Delta T$ ) IS 0-70 DEGREES F (AASHTO 3.12.2)  
TOTAL THERMAL MOVEMENT IS GIVEN BY  $\alpha \cdot \Delta T \cdot \text{LENGTH OF MEMBER}$

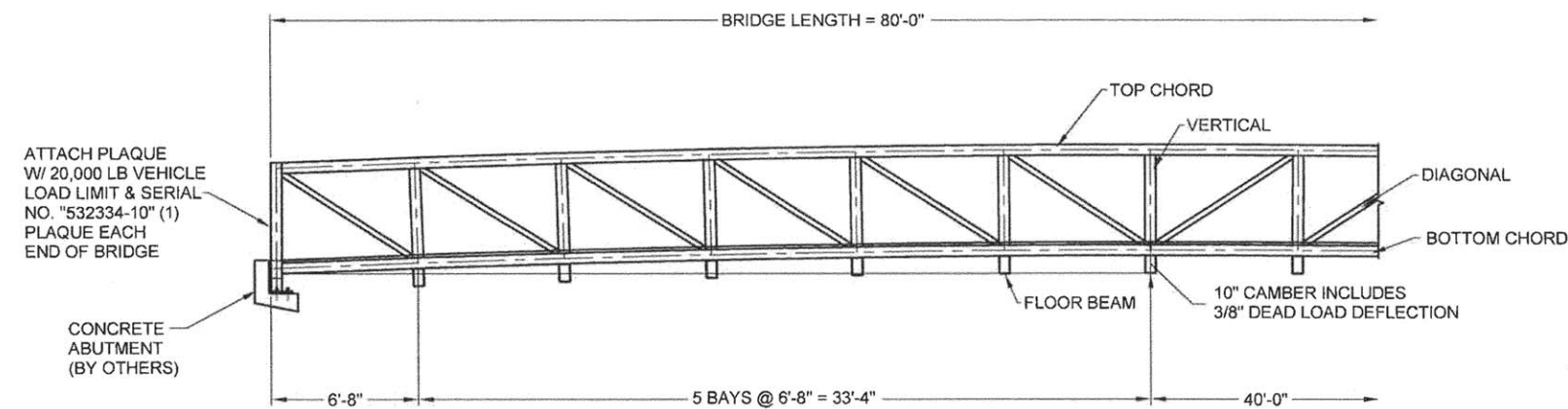
SHEET  
1 OF 2



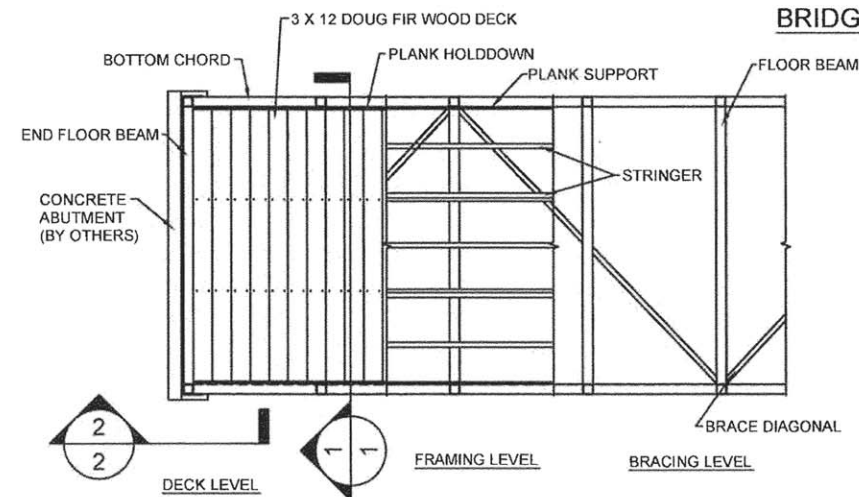
SHEET  
2 OF 2



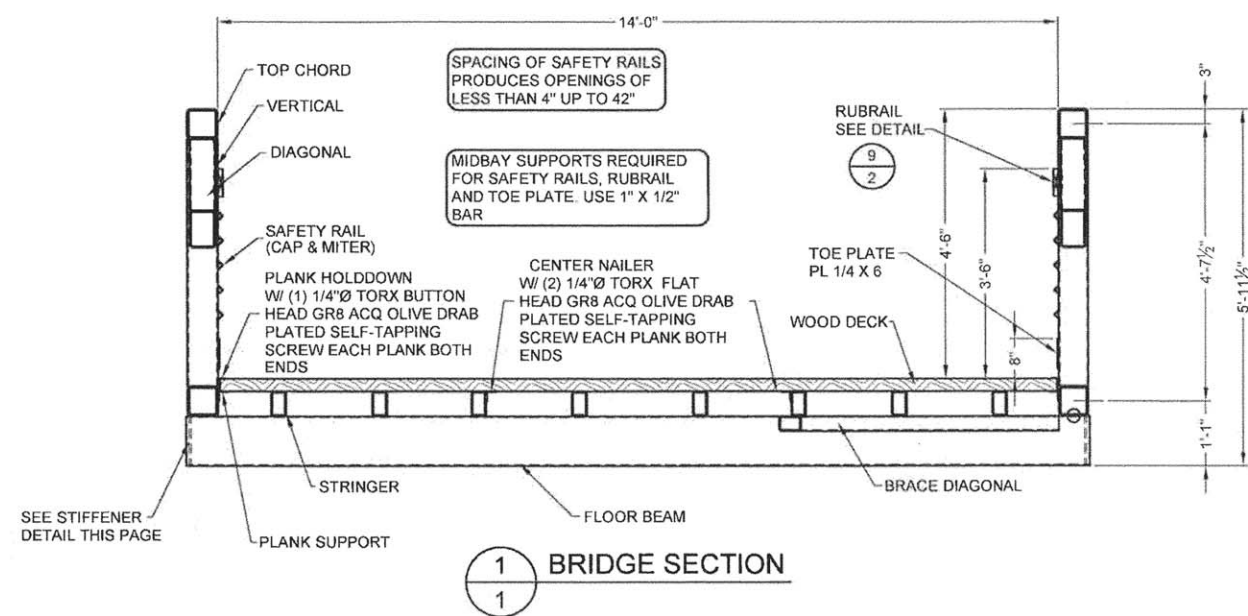
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|-----------|---------------------------|----|------|
| PROFILE   | SURVEYED                  | BY | DATE |
|           | PLOTTED                   |    |      |
| NOTE BOOK | GRADES CHECKED            |    |      |
| NO. _____ | B.M. NOTED                |    |      |
|           | STRUCTURE NOTATIONS CHK'D |    |      |



BRIDGE ELEVATION



BRIDGE PLAN



## GENERAL NOTES

1. DESIGN IS IN ACCORDANCE WITH "LRFD BRIDGE DESIGN SPECIFICATIONS" 4TH EDITION & "GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES" BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO).
2. BRIDGE MEMBERS ARE FABRICATED FROM HIGH STRENGTH, LOW ALLOY, ENHANCED ATMOSPHERIC CORROSION RESISTANT ASTM A847 COLD-FORMED WELDED SQUARE AND RECTANGULAR TUBING, AND ASTM A588, ASTM A606, OR ASTM A242 PLATE AND STRUCTURAL SHAPES ( $F_y=50,000$  PSI).
3. BRIDGE DECKING NOMINAL 3-INCH THICK SELECT STRUCTURAL FIR ( $F_b=1,400$  PSI min.). TIMBER DECK MATERIAL SHALL BE TREATED WITH ALKALINE COPPER QUATERNARY (ACQ) TO A 0.4 PCF RETENTION OR TO REFUSAL.
4. THE GAS METAL ARC WELDING PROCESS OR FLUX CORED ARC WELDING PROCESS WILL BE USED.
5. ALL TOP AND BOTTOM CHORD SHOP SPLICES TO BE COMPLETE PENETRATION TYPE WELDS (SEE DETAIL PAGE 1). WELD BETWEEN TOP CHORD AND END VERTICAL SHALL BE AS DETAILED.
6. UNLESS OTHERWISE NOTED, WELDED CONNECTIONS SHALL BE FILLET WELDS (OR HAVE THE EFFECTIVE THROAT OF A FILLET WELD) OF A SIZE EQUAL TO THE THICKNESS OF THE LIGHTEST GAGE MEMBER IN THE CONNECTION. WELDS SHALL BE APPLIED AS FOLLOWS:
  - A. BOTH ENDS OF VERTICALS, DIAGONALS, AND FLOOR BEAMS SHALL BE WELDED ALL AROUND.
  - B. BRACE DIAGONALS WILL BE WELDED ALL AROUND.
  - C. BOTTOM OF STRINGERS WILL BE STITCH WELDED TO TOP OF FLOOR BEAMS.
  - D. MISCELLANEOUS NON-STRUCTURAL MEMBERS WILL BE STITCH WELDED TO THEIR SUPPORTING MEMBERS.
7. BRIDGE DESIGN WAS ONLY BASED ON COMBINATIONS OF THE FOLLOWING LOADS WHICH WILL PRODUCE MAXIMUM CRITICAL MEMBER STRESSES.
  - A. 90 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA OR ONE 20,000 POUND VEHICLE LOAD. THE VEHICLE LOAD SHALL BE DISTRIBUTED AS A FOUR-WHEEL VEHICLE WITH 80% OF THE LOAD ON THE REAR WHEELS. THE WHEEL TRACK WIDTH OF THE VEHICLE SHALL BE 6'- 0" AND THE WHEEL BASE SHALL BE 14'-0". THE VEHICLE SHALL BE POSITIONED SO AS TO PRODUCE THE MAXIMUM STRESS IN EACH MEMBER, INCLUDING DECKING.
  - B. 35 PSF WIND LOAD ON THE FULL HEIGHT OF THE BRIDGE, AS IF ENCLOSED.
  - C. 20 PSF UPWARD FORCE APPLIED AT THE WINDWARD QUARTER POINT OF THE TRANSVERSE BRIDGE WIDTH (AASHTO 3.15.3).
8. CLEANING: ALL EXPOSED SURFACES OF STEEL SHALL BE CLEANED IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL SURFACES PREPARATION SPECIFICATIONS NO. 7 BRUSH-OFF BLAST CLEANING. SSPC-SP7-LATEST EDITION.
9. 1/4" MINIMUM STEEL THICKNESS REQUIRED FOR ALL STRUCTURAL STEEL TUBE MEMBERS AND 5/16" MINIMUM STEEL THICKNESS REQUIRED FOR ALL STRUCTURAL STEEL SHAPE MEMBERS.

STRUCTURE NUMBER = 022-P022



**ENGINEERING  
RESOURCE  
ASSOCIATES, INC.**  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

|            |                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|
| USER NAME  | = Eric Wilde                                                                                                                           |
| FILE NAME  | = W:\DuPage County Forest Preserve\120607 We<br>Branch Regional Trail\120607.FD Phase II<br>Engineering\CD\120607.FD General Notes.dwg |
| PLOT SCALE | = \$SCALE\$                                                                                                                            |
| PLOT DATE  | = 4/13/2016                                                                                                                            |

|          |   |            |
|----------|---|------------|
| DESIGNED | — | AK         |
| DRAWN    | — | RT         |
| CHECKED  | — | JM         |
| DATE     | — | April 2016 |

|         |   |       |
|---------|---|-------|
| REVISED | — | _____ |
| REVISED | — | _____ |
| REVISED | — | _____ |
| REVISED | — | _____ |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

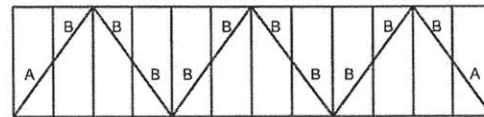
## STRUCTURAL DETAILS

|               |                         |              |
|---------------|-------------------------|--------------|
| SCALE: N.T.S. | SHEET NO. 2 OF 3 SHEETS | STA. TO STA. |
|---------------|-------------------------|--------------|

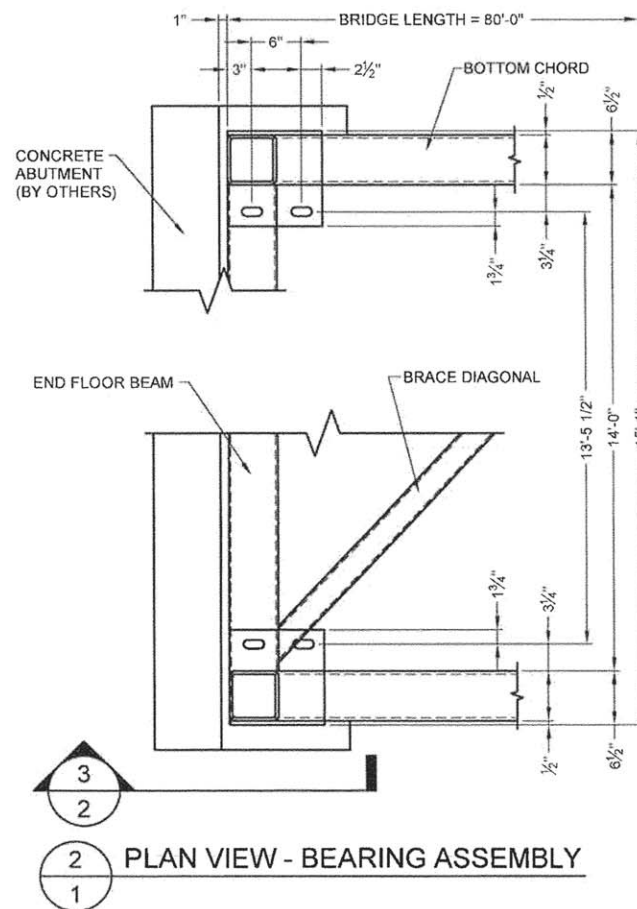
|                       |                |                    |                 |              |
|-----------------------|----------------|--------------------|-----------------|--------------|
| F.A.U.<br>RTE.        | SECTION        | COUNTY             | TOTAL<br>SHEETS | SHEET<br>NO. |
| —                     | 12-F3000-II-BT | DUPAGE             | 86              | 65           |
|                       |                | CONTRACT NO. 61C60 |                 |              |
| FED. ROAD DIST. NO. — | ILLINOIS       | FED. AID PROJECT   |                 |              |

| PLAN               | DATE | BY |
|--------------------|------|----|
| SURVEYED           |      |    |
| NOTED              |      |    |
| RT. OF WAY CHECKED |      |    |
| NO.                |      |    |

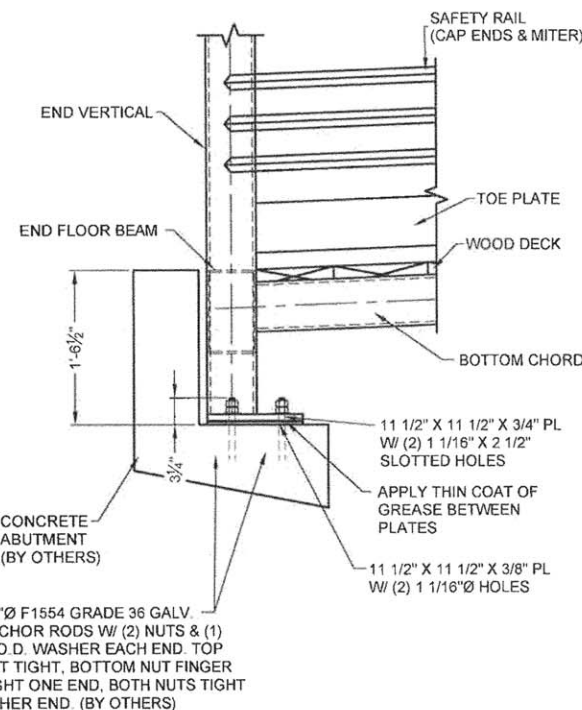
| PROFILE            | DATE | BY |
|--------------------|------|----|
| SURVEYED           |      |    |
| NOTED              |      |    |
| RT. OF WAY CHECKED |      |    |
| NO.                |      |    |



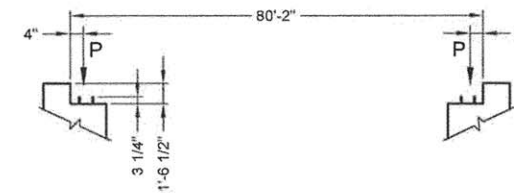
BRACE DIAGONAL LAYOUT



PLAN VIEW - BEARING ASSEMBLY



SIDE VIEW - BEARING ASSEMBLY



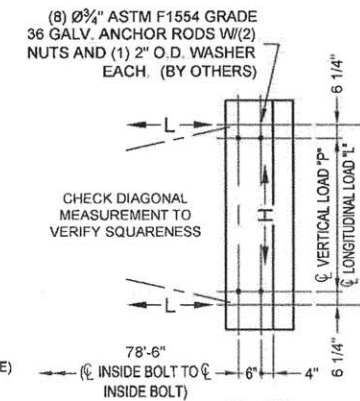
ANCHOR BOLT ELEVATION

COMBINE REACTIONS AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED

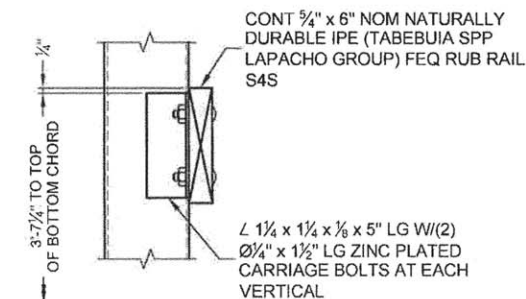
| BRIDGE REACTIONS      | + DOWNWARD LOAD<br>- UPWARD LOAD |         |         |
|-----------------------|----------------------------------|---------|---------|
|                       | P (LBS)                          | H (LBS) | L (LBS) |
| DEAD LOAD             | 11,000                           |         |         |
| UNIFORM LIVE LOAD     | 25,200                           |         |         |
| VEHICLE LOAD          | 10,000                           |         |         |
| WIND UPLIFT<br>20 PSF | -9,000                           |         |         |
| WINDWARD<br>LEEWARD   | -3,000                           |         |         |
| WIND                  | ±1,565                           | 7,175   |         |
| THERMAL               |                                  |         | 1,850   |

\*P\* - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE)  
\*H\* - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE)  
\*L\* - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE)

BRIDGE LIFTING WEIGHT: 44,000 LBS



PLAN



9 RUB RAIL DETAIL  
2



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = Eric Wilde  
FILE NAME = \\Village County Forest Preserve\120607 Real Branch Regional Trail\120607 FD Phase II  
PLOT SCALE = \$SCALE\$  
PLOT DATE = 3/11/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - March 2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS

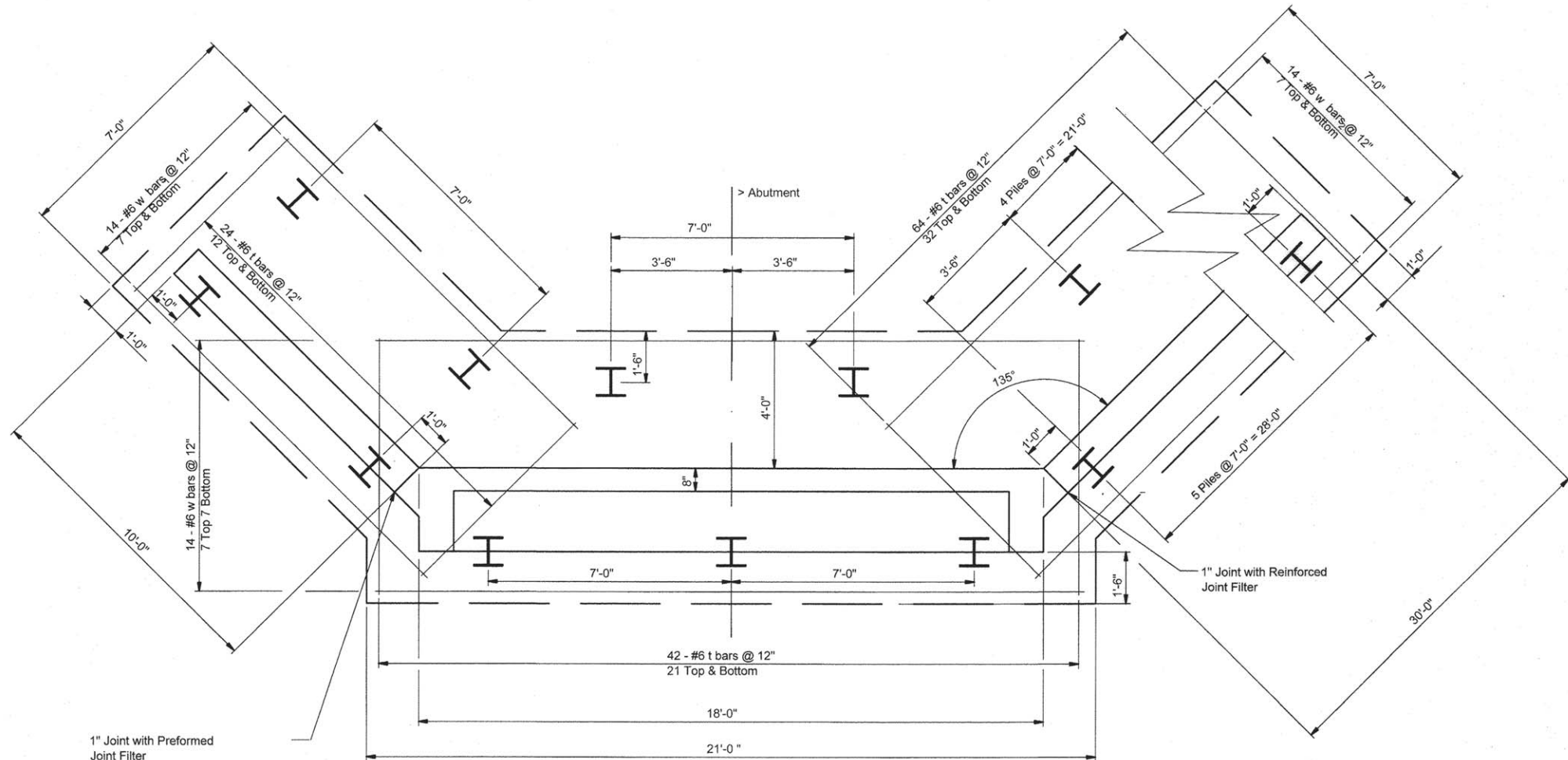
SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
|                                                 | 12-F3000-II-BT | DUPAGE | 86              | 66           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |



|                |          |    |      |
|----------------|----------|----|------|
| PLAN           | SURVEYED | BY | DATE |
|                | NOTED    | BY | DATE |
| NOTE BOOK      | FILED    | BY | DATE |
|                | FILED    | BY | DATE |
| CADD FILE NAME |          |    |      |

|                         |          |    |      |
|-------------------------|----------|----|------|
| PROFILE                 | SURVEYED | BY | DATE |
|                         | NOTED    | BY | DATE |
| NOTE BOOK               | FILED    | BY | DATE |
|                         | FILED    | BY | DATE |
| STRUCTURE NOTATION CHND |          |    |      |



EAST ABUTMENT AND WINGWALL PLAN



I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the type of structure and complies with the requirements of the current "AASHTO Standard Specifications for Highway Bridges."

John A. Fraunhofer  
Professional Engineer Number 4192  
License Expires 11/30/18

General Notes:

- Bearing assemblies to be supplied by the manufacturer of bridge superstructure.
- All abutment elevations shall be coordinated with the requirements and dimensions of the selected bridge manufacturer.
- Cost of furnishing and installing anchor bolts shall be incidental to the cost of Concrete Structures. Anchor bolt sizing and spacing shall be coordinated with the requirements of the selected bridge manufacturer.
- Space reinforcement in cap to miss anchor bolts.

General Notes:  
Design Loading: H10 or 90psf

F.F. - Front Face  
B.F. - Back Face



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ASSOCIATES, INC.  
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& SURVEYORS

|            |                      |           |
|------------|----------------------|-----------|
| USER NAME  | DESIGNED - TO        | REVISED - |
| FILE NAME  | DRAWN - TO           | REVISED - |
| PLOT SCALE | CHECKED - JAF        | REVISED - |
| PLOT DATE  | DATE - February 2016 | REVISED - |

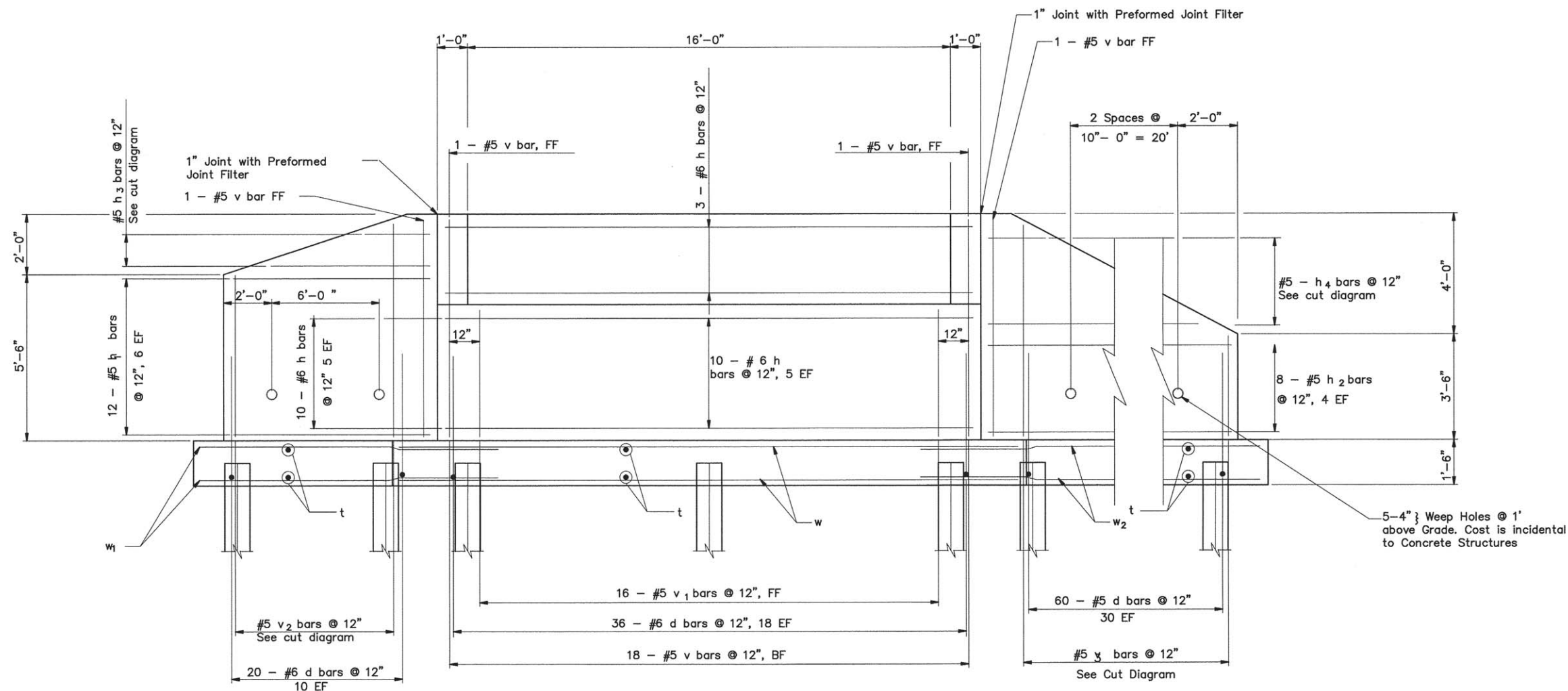
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
EAST ABUTMENT DETAILS

SCALE: 1"=20'H; 1"=4'V SHEET NO. 1 OF 6 SHEETS STA. 121+50 TO STA. 236+15.92

|                                               |         |        |                 |              |
|-----------------------------------------------|---------|--------|-----------------|--------------|
| F.A.U.<br>RTE.                                | SECTION | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
| 12-F300-11-BT                                 | DUPAGE  | 86     | 67              |              |
| CONTRACT NO.                                  |         |        |                 |              |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |        |                 |              |

| PROFILE   | SURVEYED                    | BY | DATE |
|-----------|-----------------------------|----|------|
|           | PLOTTED                     |    |      |
| NOTE BOOK | GRADES CHECKED              |    |      |
|           | B.M. NOTED                  |    |      |
| NO.       | STRUCTURE NOTATIONS CHECKED |    |      |



EAST ABUTMENT AND WINGWALL ELEVATION



**ENGINEERING  
RESOURCE  
ASSOCIATES, INC.**  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

|               |                       |            |
|---------------|-----------------------|------------|
| USER NAME ==  | DESIGNED == TO        | REVISED == |
| FILE NAME==   | DRAWN == TO           | REVISED == |
| PLOT SCALE == | CHECKED == JAF        | REVISED == |
| PLOT DATE ==  | DATE == February 2016 | REVISED == |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
EAST ABUTMENT DETAILS

|                       |                         |                               |
|-----------------------|-------------------------|-------------------------------|
| SCALE: 1"=20'H; 1"=4' | SHEET NO. 2 OF 6 SHEETS | STA. 121+50 TO STA. 236+15.92 |
|-----------------------|-------------------------|-------------------------------|

|                                |               |                    |                 |              |
|--------------------------------|---------------|--------------------|-----------------|--------------|
| F.A.U.<br>RTE.                 | SECTION       | COUNTY             | TOTAL<br>SHEETS | SHEET<br>NO. |
| —                              | 12-F300-11-BT | DUPAGE             | 86              | 68           |
|                                |               | CONTRACT NO. _____ |                 |              |
| FED. ROAD DIST. NO. — ILLINOIS |               | FED. AID PROJECT   |                 |              |

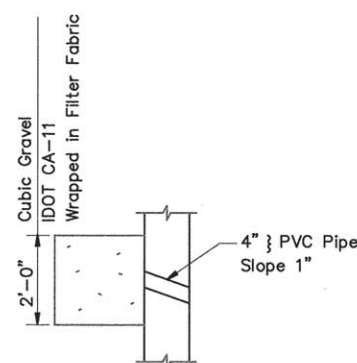


|           |                                 |          |            |
|-----------|---------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                  | BY _____ | DATE _____ |
|           | PLOTTED _____                   |          |            |
| NOTE BOOK | GRADES CHECKED _____            |          |            |
| NO. _____ | B.M. NOTED _____                |          |            |
|           | STRUCTURE NOTATIONS CH'KD _____ |          |            |

## PILE DATA

NOTE: THE STEEL H-PILES SHALL MEET THE  
REQUIRMENTS OF AASHTO M270 GRADE 50

### CUT DIAGRAM



### WEEP HOLE DETAIL



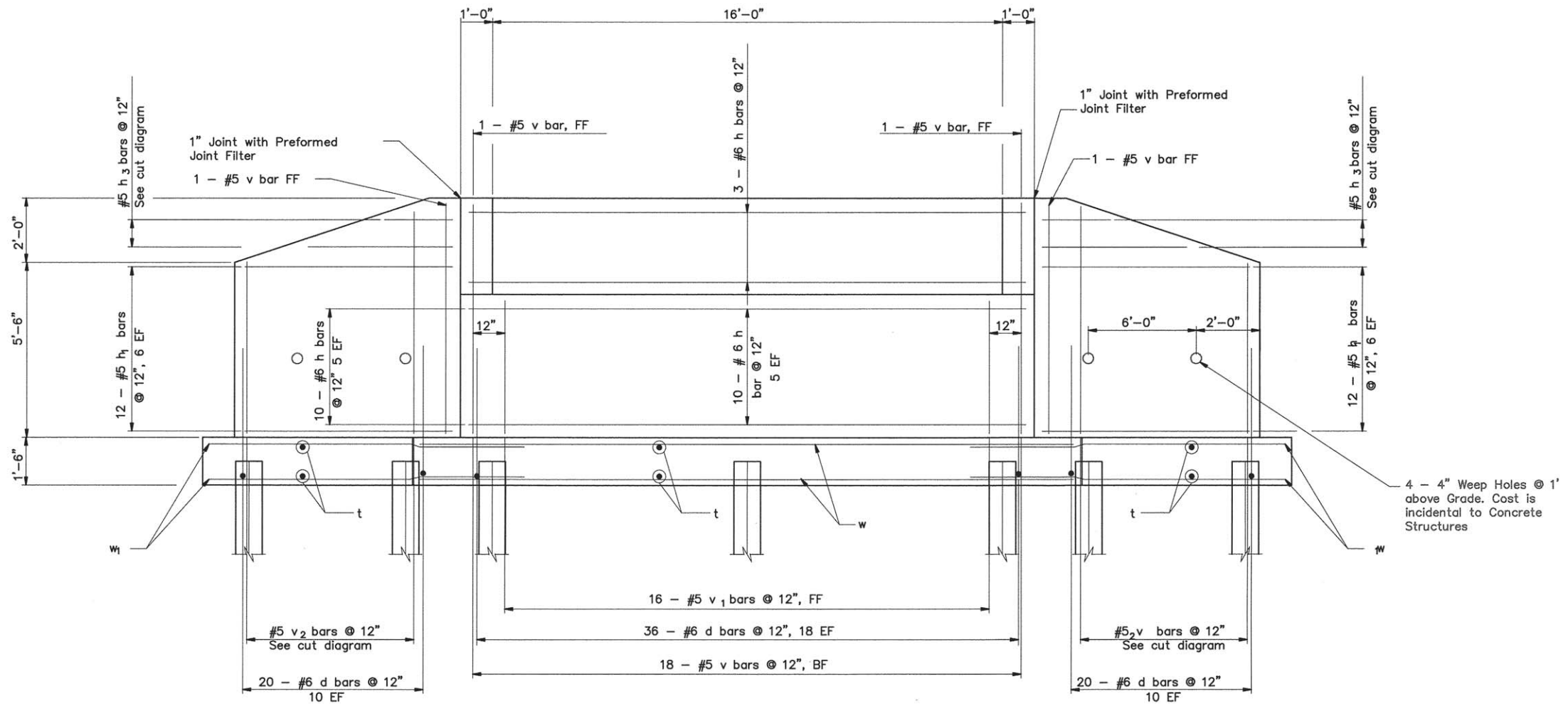
**Note 2:**  
Bearing seat elevation  
and backwall height  
shall be determined by  
the contractor from the  
bridge manufacturer's  
shop drawings.





| PLAN      | REVISION          | DATE |
|-----------|-------------------|------|
| NO.       | BY                |      |
| NOTE BOOK | PLOTTED           |      |
|           | ALIGNMENT CHECKED |      |
|           | DATE              |      |
|           | CADD FILE NAME    |      |

| PROFILE   | REVISION                 | DATE |
|-----------|--------------------------|------|
| NO.       | BY                       |      |
| NOTE BOOK | PLOTTED                  |      |
|           | GRADES CHECKED           |      |
|           | DATE                     |      |
|           | STRUCTURE NOTATIONS CHKD |      |



WEST ABUTMENT AND WINGWALL ELEVATION



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

|                        |                      |           |
|------------------------|----------------------|-----------|
| USER NAME =            | DESIGNED — TO        | REVISED — |
| FILE NAME =            | DRAWN — TO           | REVISED — |
| PLOT SCALE = \$SCALE\$ | CHECKED — JAF        | REVISED — |
| PLOT DATE =            | DATE — February 2016 | REVISED — |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WEST ABUTMENT DETAILS

SCALE: 1"=20'H; 1"=4' SHEET NO. 5 OF 6 SHEETS

STA. 121+50 TO STA. 236+15.92

| F.A.U.<br>RTE.                                  | SECTION       | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|---------------|--------|-----------------|--------------|
| —                                               | 12-F300-11-BT | DUPAGE | 86              | 71           |
| CONTRACT NO. —                                  |               |        |                 |              |
| FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |               |        |                 |              |

| PLAN      | DATE | BY | DATE |
|-----------|------|----|------|
| SURVEYED  |      |    |      |
| NOTED     |      |    |      |
| PLANNED   |      |    |      |
| DESIGNED  |      |    |      |
| CHECKED   |      |    |      |
| APPROVED  |      |    |      |
| FILE NAME |      |    |      |

| PROFILE   | DATE | BY | DATE |
|-----------|------|----|------|
| SURVEYED  |      |    |      |
| NOTED     |      |    |      |
| PLANNED   |      |    |      |
| DESIGNED  |      |    |      |
| CHECKED   |      |    |      |
| APPROVED  |      |    |      |
| FILE NAME |      |    |      |

| BILL OF MATERIAL – WEST ABUTMENT           |     |      |          |       |
|--------------------------------------------|-----|------|----------|-------|
| Bar                                        | No. | Size | Length   | Shape |
| d                                          | 76  | #6   | 5'-0"    | L     |
| h                                          | 13  | #6   | 17'-6"   |       |
| h <sub>1</sub>                             | 24  | #5   | 9'-6"    |       |
| h <sub>3</sub>                             | 4   | #5   | 8'-0"    |       |
| t                                          | 90  | #6   | 6'-6"    |       |
| v                                          | 22  | #5   | 7'-3"    |       |
| v <sub>1</sub>                             | 16  | #5   | 4'-3"    |       |
| v <sub>2</sub>                             | 20  | #5   | 12'-0"   |       |
| w                                          | 14  | #6   | 20'-6"   |       |
| w <sub>1</sub>                             | 28  | #6   | 12'-0"   |       |
| Reinforcement Bars                         |     |      | Lbs.     | 3490  |
| Concrete Structure                         |     |      | Cu. Yds. | 31    |
| Name Plate                                 |     |      | Each     | 1     |
| Test Pile, HP 10x42                        |     |      | Each     | 1     |
| Steel Piles, HP 10x42<br>(Furnish & Drive) |     |      | Foot     | 228   |
| Pile Shoes                                 |     |      | Each     | 13    |
| Structure Excavation                       |     |      | Cu. Yds. | 70    |

### PILE DATA

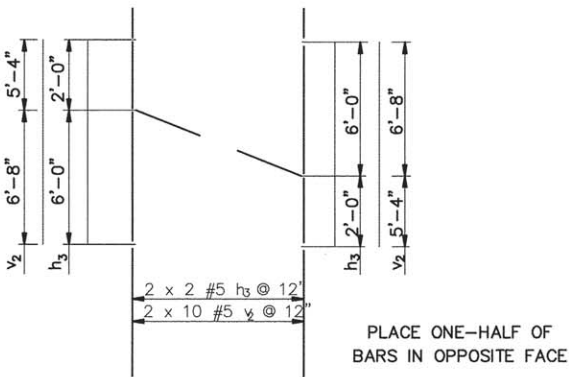
TYPE: STEEL HP 10 x 42  
 NOMINAL REQUIRED BEARING: 192 KIPS  
 FACTORED RESISTANCE AVAILABLE: 96 KIPS  
 ESTIMATE LENGTH: 19 FT  
 NO. REQUIRED: 12  
 TEST PILE: 1

NOTE: THE STEEL H-PILES SHALL MEET THE  
 REQUIRMENTS OF AASHTO M270 GRADE 50

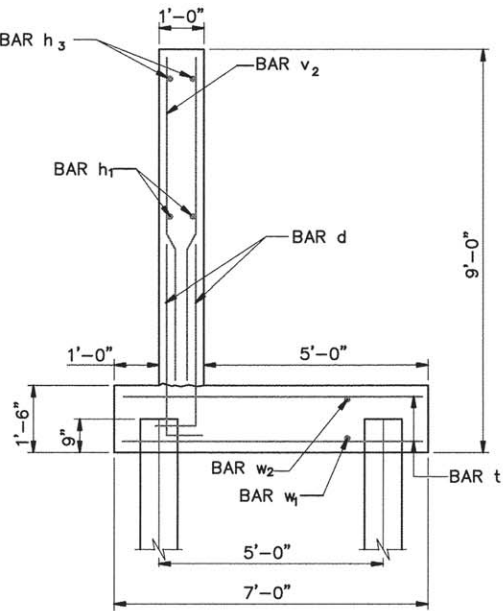
THE TEST PILE(S) SHALL BE DRIVEN TO 110  
 PERCENT OF THE NOMINAL REQUIRED BEARING  
 INDICATED IN THE PILE DATA INFORMATION

Structure No. 022-P022  
 Sec.12-F300-11-BT  
 Built 20\_\_\_\_  
 West Branch Regional Trail  
 Will County  
 Loading H-10

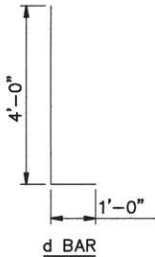
NAME PLATE  
 See Standard 515001



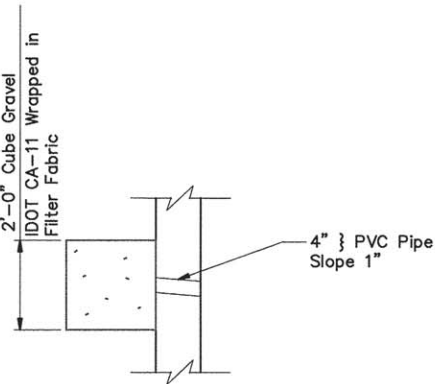
CUT DIAGRAM



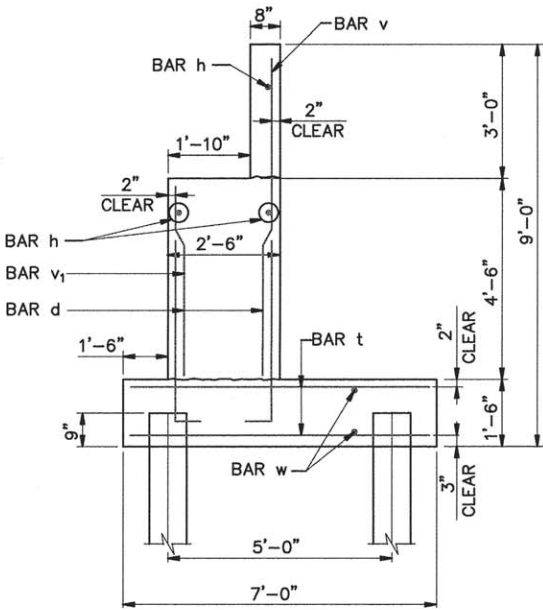
WINGWALL SECTION VIEW



BAR DIAGRAM



WEEP HOLE DETAIL



ABUTMENT SECTION VIEW

Note 1:  
 Backwall shall be cast  
 after superstructure  
 is erected.  
 Top of backwall shall match  
 the top of the bridge deck.  
 Adjust bar lengths.

Note 2:  
 Bearing seat elevation  
 and backwall height  
 shall be determined by  
 the contractor from the  
 bridge manufacturer's  
 shop drawings.



|                                                                                                |                        |                      |           |
|------------------------------------------------------------------------------------------------|------------------------|----------------------|-----------|
| ENGINEERING<br>RESOURCE<br>ASSOCIATES, INC.<br>CONSULTING ENGINEERS, SCIENTISTS<br>& SURVEYORS | USER NAME =            | DESIGNED — TO        | REVISED — |
|                                                                                                | FILE NAME =            | DRAWN — TO           | REVISED — |
|                                                                                                | PLOT SCALE = \$SCALE\$ | CHECKED — JAF        | REVISED — |
|                                                                                                | PLOT DATE =            | DATE — February 2016 | REVISED — |

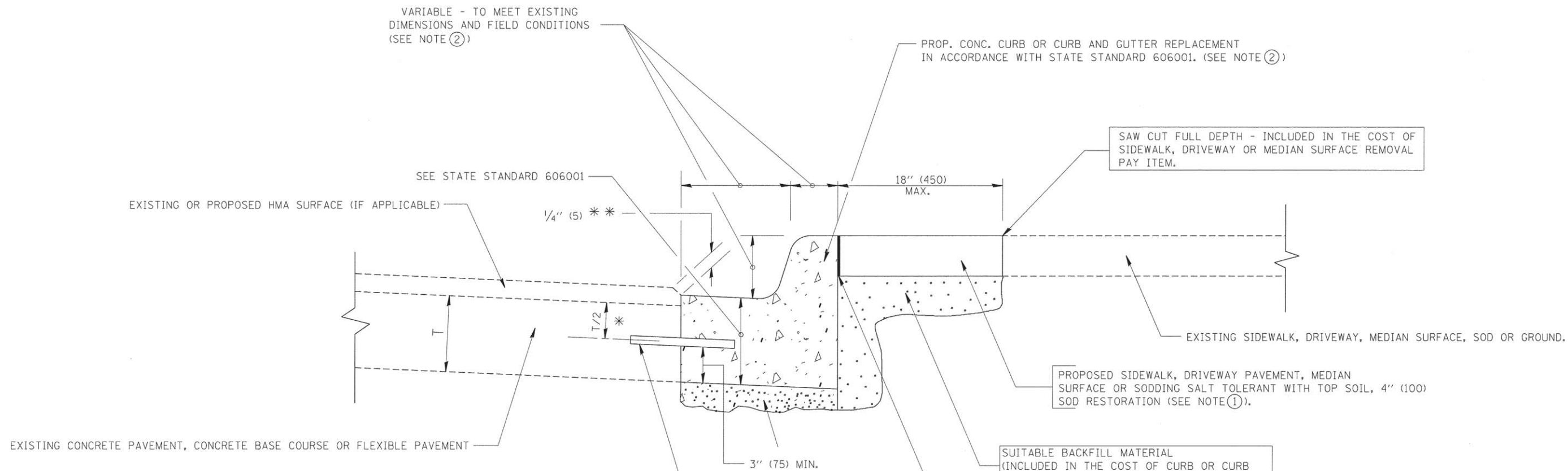
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
 WEST ABUTMENT DETAILS

SCALE: 1"=20'H; 1"=4' SHEET NO. 6 OF 6 SHEETS STA. 121+50 TO STA. 236+15.92

| F.A.U.<br>RTE.                                  | SECTION       | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|---------------|--------|-----------------|--------------|
| —                                               | 12-F300-11-BT | DUPAGE | 86              | 72           |
| CONTRACT NO. _____                              |               |        |                 |              |
| FED. ROAD DIST. NO. — ILLINOIS FED. AID PROJECT |               |        |                 |              |





- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
  - \* \* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" (100) WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

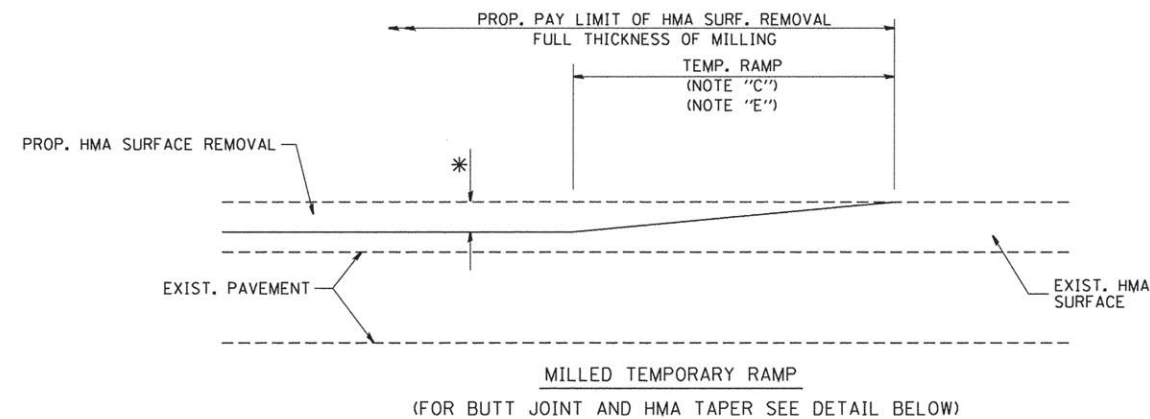
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:  
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

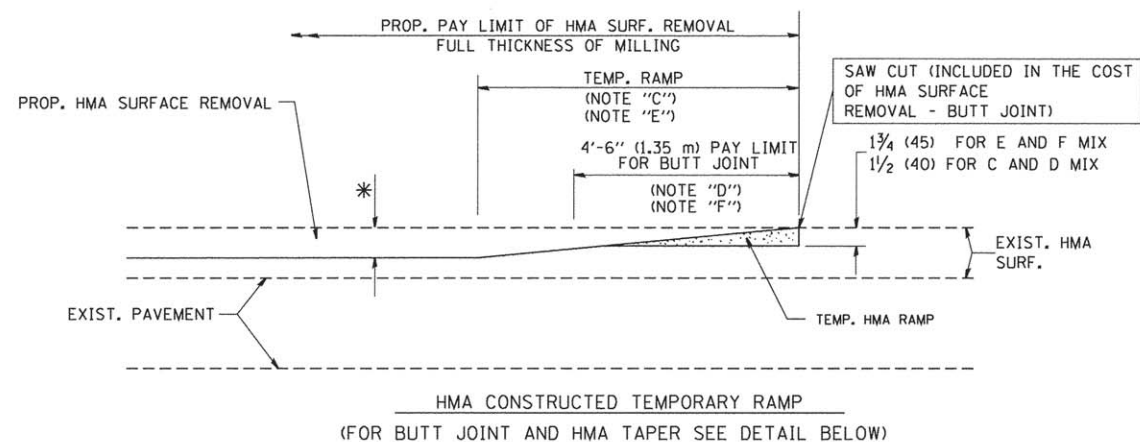
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

|                                               |                       |                      |                             |                                                   |                                                    |             |             |      |                                                     |                |              |              |           |
|-----------------------------------------------|-----------------------|----------------------|-----------------------------|---------------------------------------------------|----------------------------------------------------|-------------|-------------|------|-----------------------------------------------------|----------------|--------------|--------------|-----------|
| FILE NAME =                                   | USER NAME = drvakosgn | DESIGNED = A. HOUSEH | REVISED = R. SHAH 10-03-96  | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | CURB OR CURB AND GUTTER<br>REMOVAL AND REPLACEMENT |             |             |      | F.A. RTE.                                           | SECTION        | COUNTY       | TOTAL SHEETS | SHEET NO. |
| c:\pw\work\pwwork\drvakosgn\d0108315\bd24.dgn |                       | DRAWN =              | REVISED = A. ABBAS 03-21-97 |                                                   |                                                    |             |             |      | -                                                   | 12-F3000-11-BT | DUPAGE       | 86           | 73        |
| PLOT SCALE = 50.000' / IN.                    |                       | CHECKED =            | REVISED = M. GOMEZ 01-22-01 |                                                   |                                                    |             |             |      | BD600-06 (BD-24)                                    |                | CONTRACT NO. |              |           |
| PLOT DATE = 12/15/2009                        |                       | DATE = 03-11-94      | REVISED = R. BORO 12-15-09  |                                                   |                                                    |             |             |      | FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT |                |              |              |           |
|                                               |                       |                      |                             |                                                   | SCALE: NONE                                        | SHEET NO. 1 | OF 1 SHEETS | STA. | TO STA.                                             |                |              |              |           |

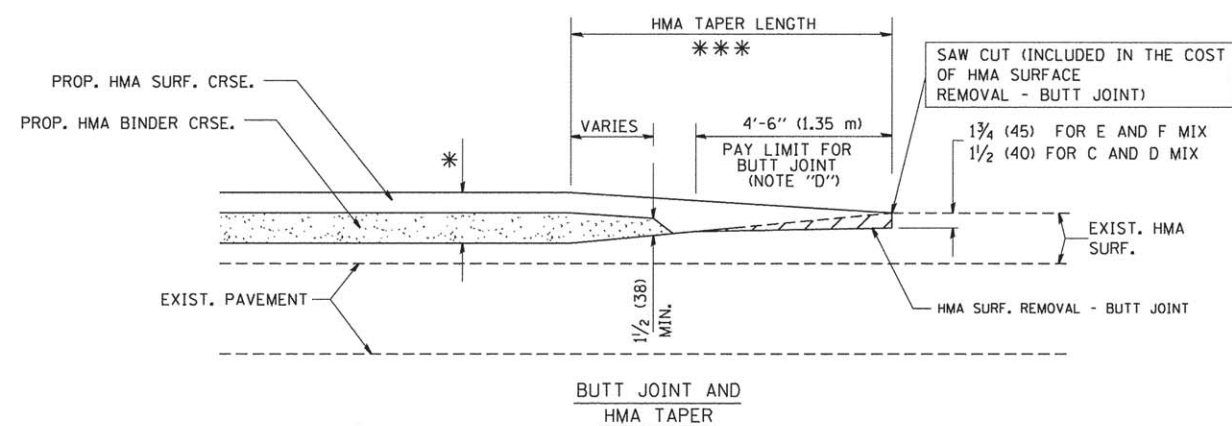


OPTION 1

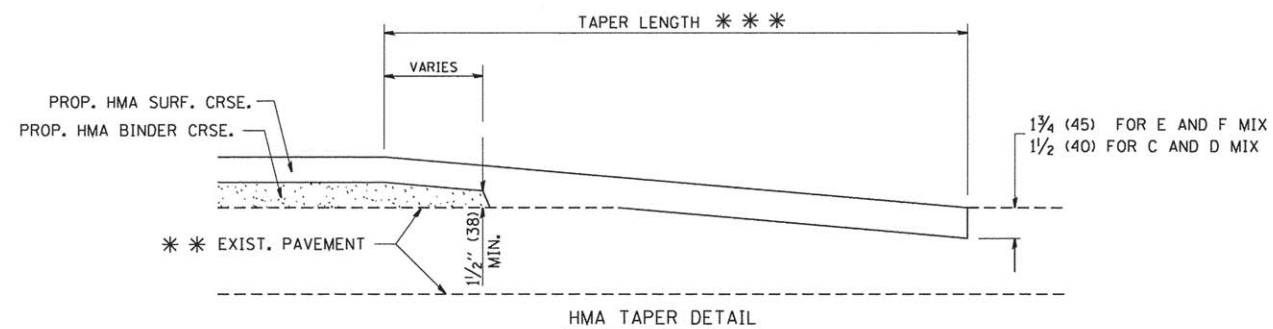
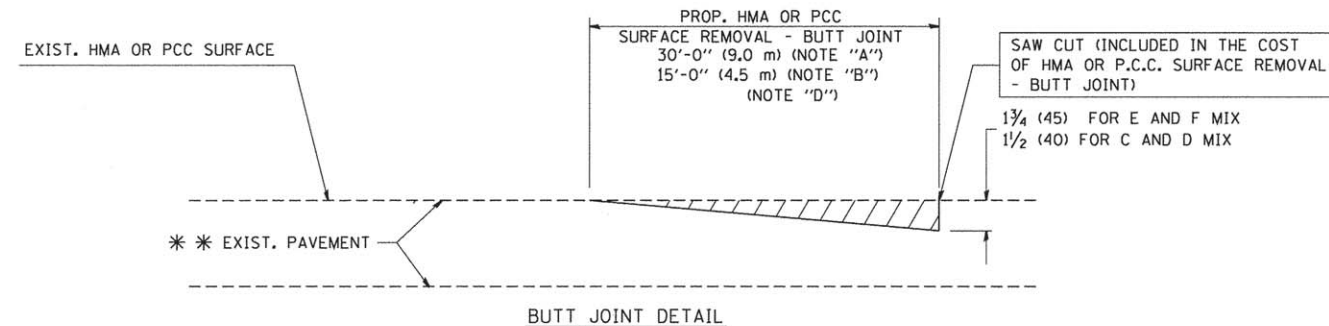


OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

\* \* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

# NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \* \* \* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
- 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

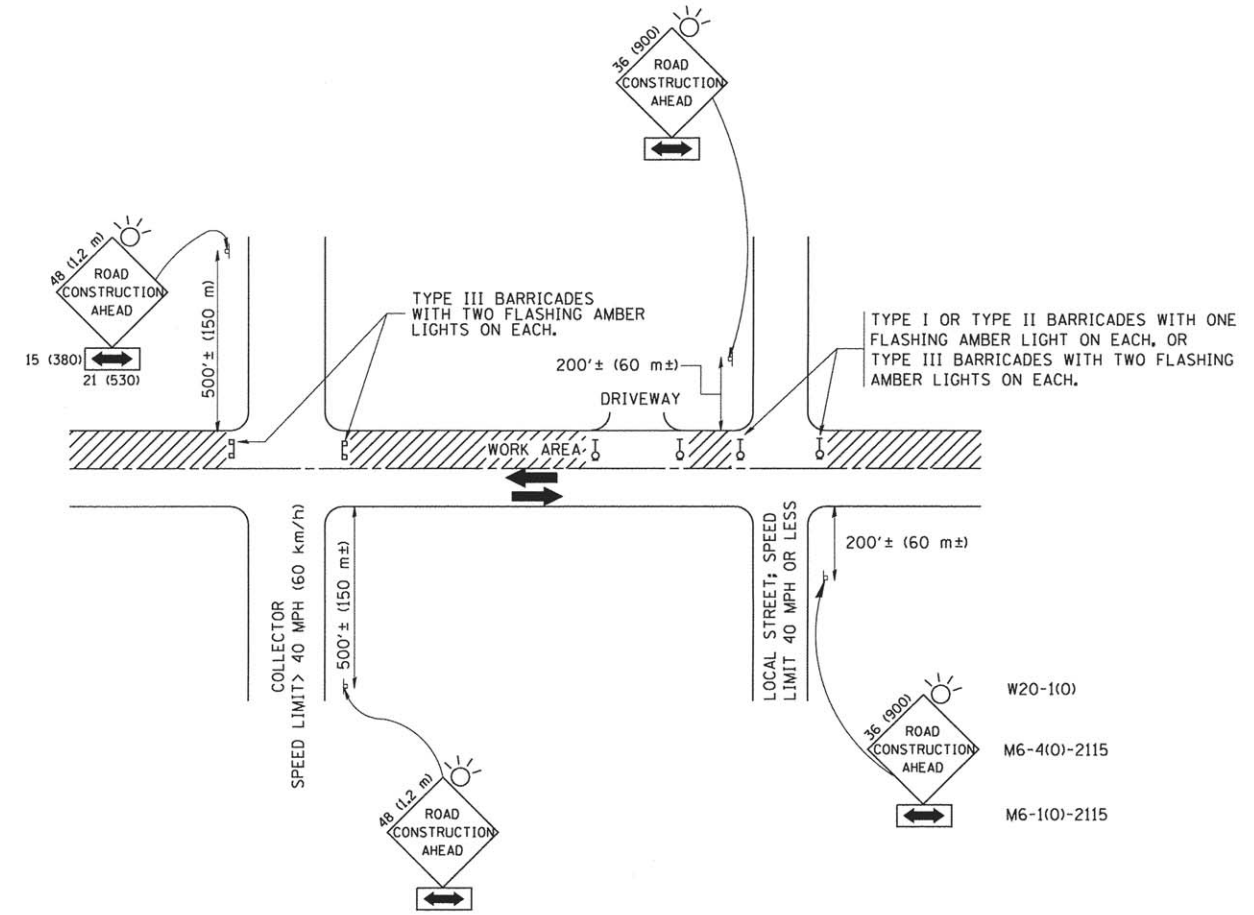
## BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

|                           |                             |                       |                             |                                                   |                                     |             |                         |              |                                                 |                |              |              |           |
|---------------------------|-----------------------------|-----------------------|-----------------------------|---------------------------------------------------|-------------------------------------|-------------|-------------------------|--------------|-------------------------------------------------|----------------|--------------|--------------|-----------|
| FILE NAME =               | USER NAME = geglenobt       | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94  | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | BUTT JOINT AND<br>HMA TAPER DETAILS | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. TO STA. | F.A. RTE.                                       | SECTION        | COUNTY       | TOTAL SHEETS | SHEET NO. |
| W:\diststd\22x34\bd32.dgn |                             | DRAWN -               | REVISED - A. ABBAS 03-21-97 |                                                   |                                     |             |                         |              | -                                               | 12-F3000-11-BT | DUPAGE       | 86           | 74        |
|                           | PLOT SCALE = 50.0000' / IN. | CHECKED -             | REVISED - M. GOMEZ 04-06-01 |                                                   |                                     |             |                         |              | BD400-05                                        | BD32           | CONTRACT NO. |              |           |
|                           | PLOT DATE = 1/4/2008        | DATE - 06-13-90       | REVISED - R. BORO 01-01-07  |                                                   |                                     |             |                         |              | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                |              |              |           |





## TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

### NOTES:

#### A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

#### B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

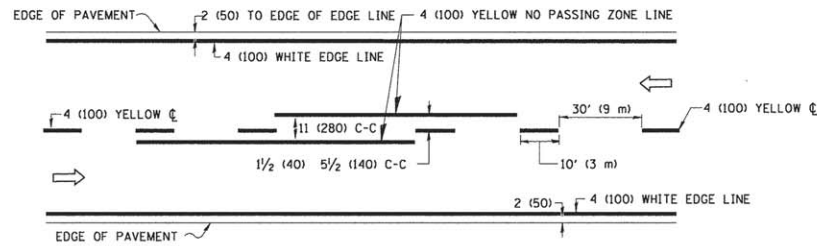
|                           |                            |                |                                 |
|---------------------------|----------------------------|----------------|---------------------------------|
| FILE NAME =               | USER NAME = geglianobt     | DESIGNED - LHA | REVISED - J. OBERLE 10-18-95    |
| W:\diststd\22x34\tcl0.dgn |                            | DRAWN -        | REVISED - A. HOUSEH 03-06-96    |
|                           | PLOT SCALE = 50,000' / IN. | CHECKED -      | REVISED - A. HOUSEH 10-15-96    |
|                           | PLOT DATE = 1/4/2008       | DATE - 06-89   | REVISED - T. RAMMACHER 01-06-00 |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

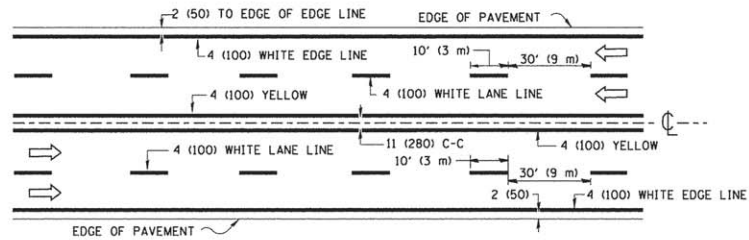
TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

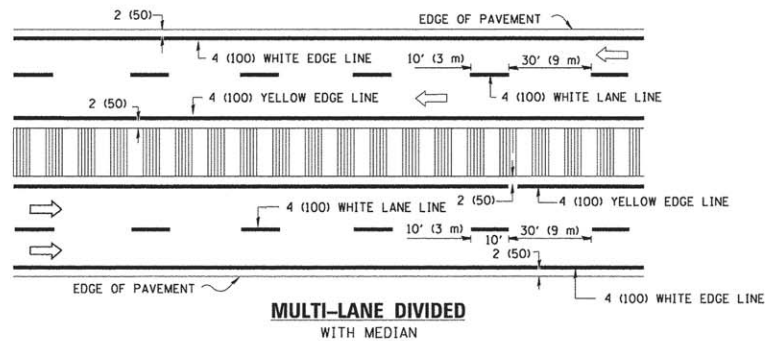
|                                                 |                |              |              |           |
|-------------------------------------------------|----------------|--------------|--------------|-----------|
| F.A. RTE.                                       | SECTION        | COUNTY       | TOTAL SHEETS | SHEET NO. |
| -                                               | 12-F3000-11-BT | DUPAGE       | 86           | 75        |
| TC-10                                           |                | CONTRACT NO. |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                |              |              |           |



2-LANE ROADWAY

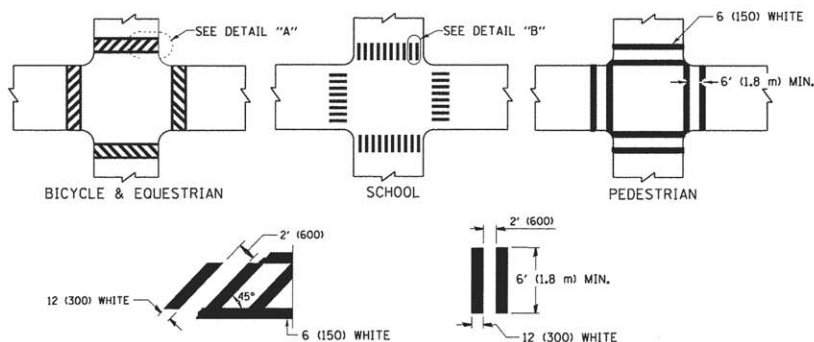


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

### TYPICAL LANE AND EDGE LINE MARKING

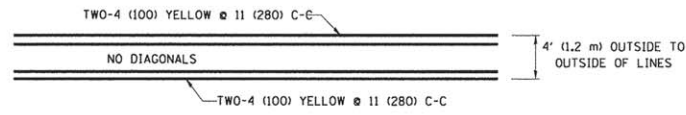


DETAIL "A"

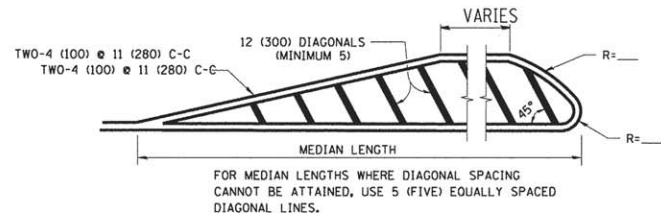
DETAIL "B"

### TYPICAL CROSSWALK MARKING

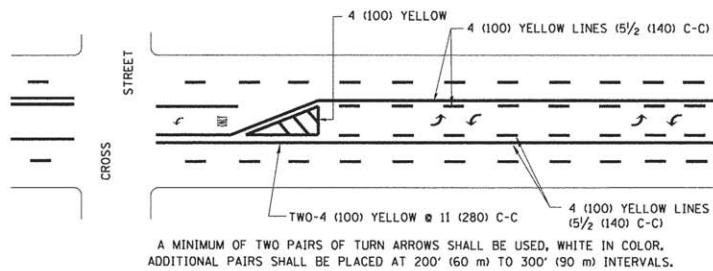
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

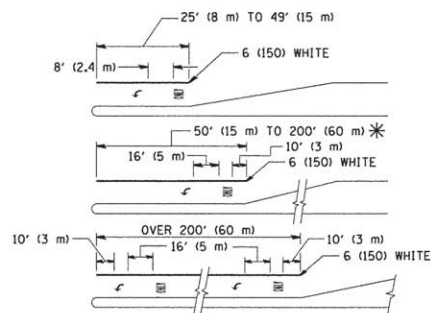


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

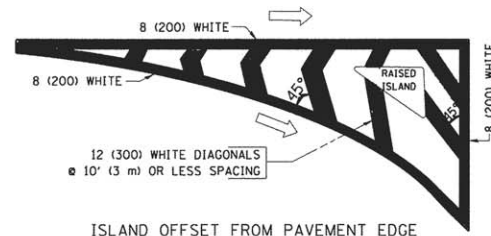
### TYPICAL PAINTED MEDIAN MARKING



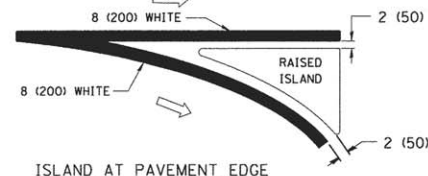
TYPICAL LEFT (OR RIGHT) TURN LANE

### TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

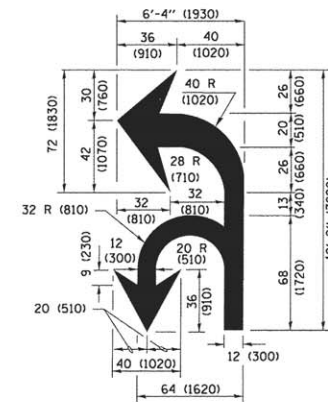


ISLAND OFFSET FROM PAVEMENT EDGE

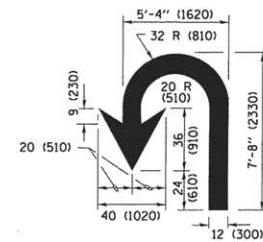


ISLAND AT PAVEMENT EDGE

### TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

### LANE REDUCTION TRANSITION

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

| D(FT) | SPEED LIMIT |
|-------|-------------|
| 345   | 30          |
| 425   | 35          |
| 500   | 40          |
| 580   | 45          |
| 665   | 50          |
| 750   | 55          |

| TYPE OF MARKING                                                                                   | WIDTH OF LINE                                                                              | PATTERN                      | COLOR                                                   | SPACING /REMARKS                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CENTERLINE ON 2 LANE PAVEMENT                                                                     | 4 (100)                                                                                    | SKIP-DASH                    | YELLOW                                                  | 10' (3 m) LINE WITH 30' (9 m) SPACE                                                                                                                                |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT                                                       | 2 @ 4 (100)                                                                                | SOLID                        | YELLOW                                                  | 11 (280) C-C                                                                                                                                                       |
| NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS                                      | 4 (100)<br>2 @ 4 (100)                                                                     | SOLID<br>SOLID               | YELLOW<br>YELLOW                                        | 5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE<br>11 (280) C-C<br>OMIT SKIP-DASH CENTERLINE BETWEEN                                                                     |
| LANE LINES                                                                                        | 4 (100)<br>5 (125) ON FREEWAYS                                                             | SKIP-DASH<br>SKIP-DASH       | WHITE<br>WHITE                                          | 10' (3 m) LINE WITH 30' (9 m) SPACE                                                                                                                                |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)                                   | SAME AS LINE BEING EXTENDED                                                                | SKIP-DASH                    | SAME AS LINE BEING EXTENDED                             | 2' (600) LINE WITH 6' (1.8 m) SPACE                                                                                                                                |
| EDGE LINES                                                                                        | 4 (100)                                                                                    | SOLID                        | YELLOW-LEFT<br>WHITE-RIGHT                              | OUTLINE MEDIANS IN YELLOW                                                                                                                                          |
| TURN LANE MARKINGS                                                                                | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))                                      | SOLID                        | WHITE                                                   | SEE TYPICAL TURN LANE MARKING DETAIL                                                                                                                               |
| TWO WAY LEFT TURN MARKING                                                                         | 2 @ 4 (100) EACH DIRECTION<br>8' (2.4m) LEFT ARROW                                         | SKIP-DASH AND SOLID IN PAIRS | YELLOW<br>WHITE                                         | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE<br>SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL            |
| CROSSWALK LINES (PEDESTRIAN)<br>A. DIAGONALS (BIKE & EQUESTRIAN)<br>B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150)<br>12 (300) @ 45°<br>12 (300) @ 90°                                            | SOLID<br>SOLID<br>SOLID      | WHITE<br>WHITE<br>WHITE                                 | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>2' (600) APART<br>SEE TYPICAL CROSSWALK MARKING DETAILS.                                                       |
| STOP LINES                                                                                        | 24 (600)                                                                                   | SOLID                        | WHITE                                                   | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS                                                                                   | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°<br>NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID                        | YELLOW:<br>TWO WAY TRAFFIC<br>WHITE:<br>ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE<br>SEE TYPICAL PAINTED MEDIAN MARKING.                                                                                            |
| GORE MARKING AND CHANNELIZING LINES                                                               | 8 (200) WITH 12 (300) DIAGONALS @ 45°                                                      | SOLID                        | WHITE                                                   | DIAGONALS:<br>15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h))<br>20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)<br>30' (9 m) C-C (OVER 45MPH (70 km/h))              |
| RAILROAD CROSSING                                                                                 | 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"               | SOLID                        | WHITE                                                   | SEE STATE STANDARD 780001<br>AREA OF:<br>"R"-3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH<br>"X"-54.0 SQ. FT. (5.0 m <sup>2</sup> )                                     |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8' )                                                 | 12 (300) @ 45°                                                                             | SOLID                        | WHITE - RIGHT<br>YELLOW - LEFT                          | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h))                       |
| U TURN ARROW                                                                                      | SEE DETAIL                                                                                 | SOLID                        | WHITE                                                   | 16.3 SF                                                                                                                                                            |
| 2 ARROW COMBINATION LEFT AND U TURN                                                               | SEE DETAIL                                                                                 | SOLID                        | WHITE                                                   | 30.4 SF                                                                                                                                                            |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

|                            |                        |                              |                                 |
|----------------------------|------------------------|------------------------------|---------------------------------|
| FILE NAME =                | USER NAME = j1azekrf   | DESIGNED - EVERS             | REVISED - T. RAMMACHER 10-27-94 |
| PROJECT =                  | PROJECT =              | CHECKED - C. JUCIUS 07-01-13 | REVISED - C. JUCIUS 12-21-15    |
| PLOT SCALE = 50.000' / in. | PLOT DATE = 12/21/2015 | DATE = 03-19-90              |                                 |

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A. RTE. | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.                 |
|-----------|----------------|--------|--------------|---------------------------|
| -         | 12-F3000-11-BT | DUPAGE | 86           | 76                        |
|           | TC-13          |        |              | CONTRACT NO.              |
|           |                |        |              | ILLINOIS FED. AID PROJECT |

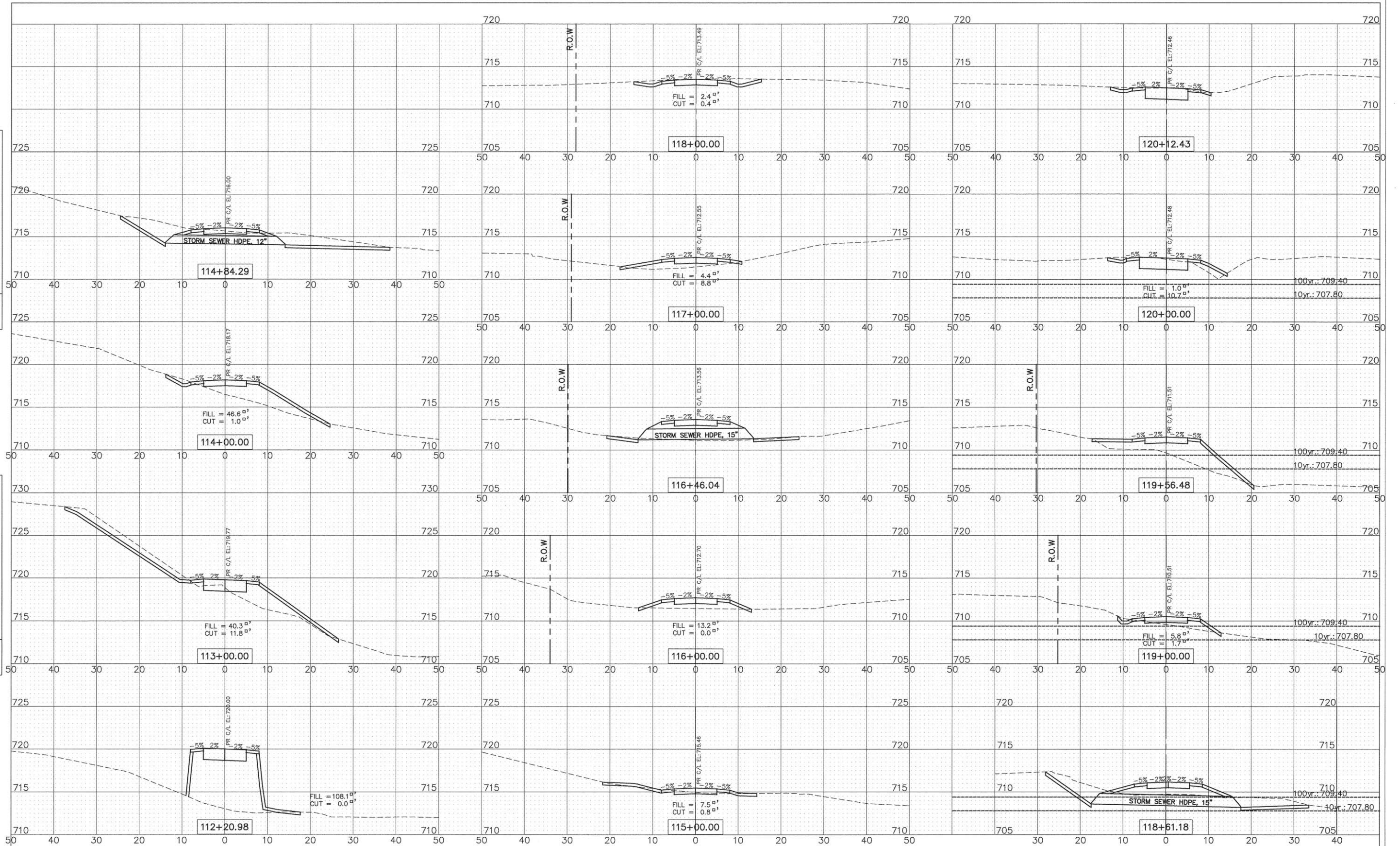






| PLAN           | DATE |
|----------------|------|
| SURVEYED       | BY   |
| ALIGNED        | DATE |
| CHECKED        |      |
| NO. OF WAY     |      |
| CHECKED        |      |
| ROAD FILE NAME |      |
| NO.            |      |

| PROFILE   | DATE |
|-----------|------|
| SURVEYED  | BY   |
| GRADES    | DATE |
| CHECKED   |      |
| NO. NOTED |      |
| STRUCTURE |      |
| NOTATION  |      |
| CHRD      |      |
| NO.       |      |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rhanter  
FILE NAME = I:\DuPage County Forest Preserve\120607  
West Branch Regional Trail\120607.D Phase II  
PLOT SCALE = 1\"/>

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - 04/29/2016  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WEST TRAIL CROSS SECTIONS

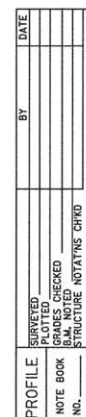
SCALE: 1\"/>

SHEET NO. 2 OF 10 SHEETS

STA. 112+20.89 TO STA. 120+17.47

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 78           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |





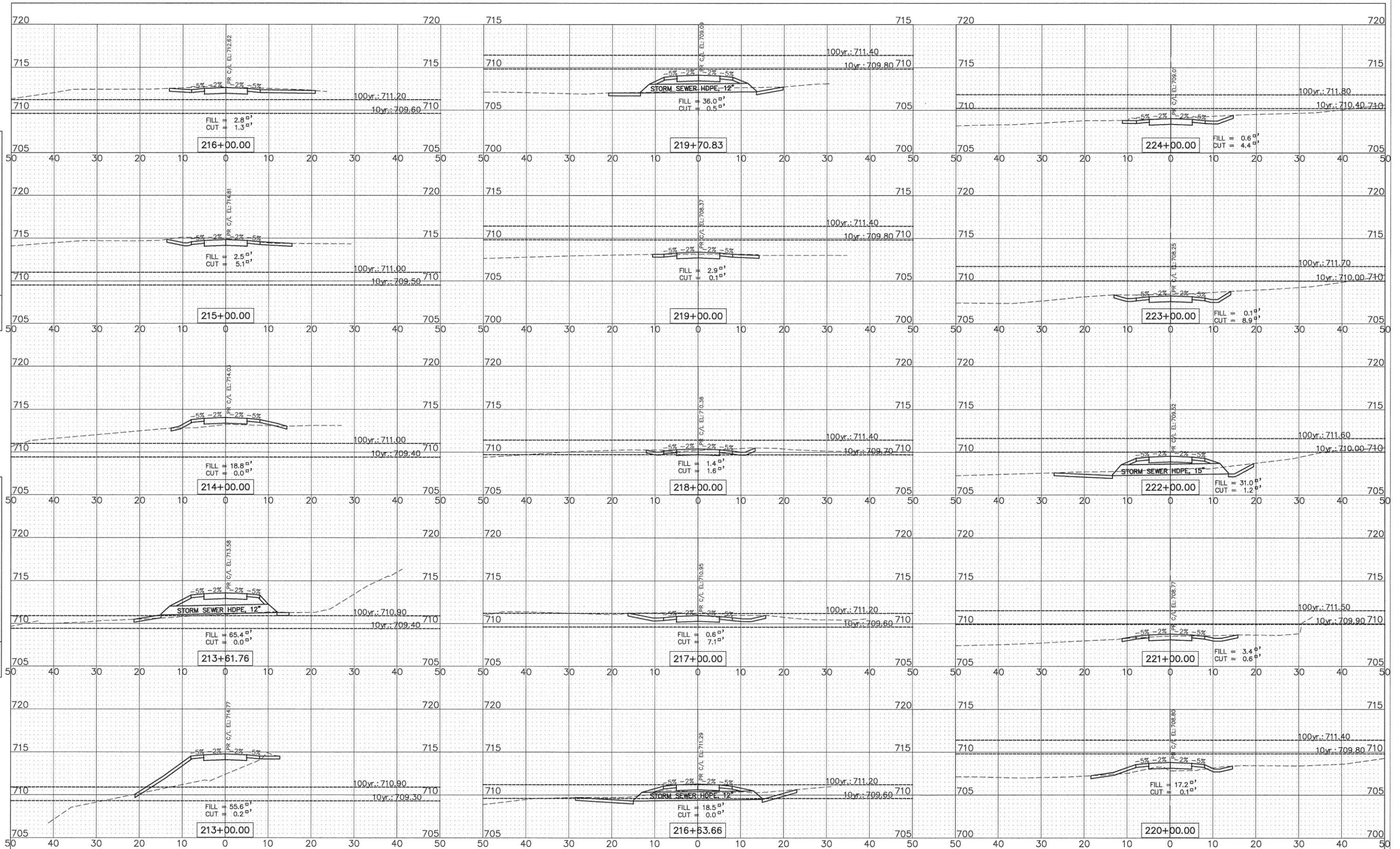
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|---------|---|-------------|
| REVISED | - | 04/21/2016  |
| REVISED | - | 000 000 000 |
| REVISED | - | 000 000 000 |
| REVISED | - | 000 000 000 |

|                       |          |                    |  |
|-----------------------|----------|--------------------|--|
|                       |          | CONTRACT NO. 61C80 |  |
| FED. ROAD DIST. NO. - | ILLINOIS | FED. AID PROJECT   |  |



| PLAN      | REVIEWED | DATE |
|-----------|----------|------|
| NO.       | BY       |      |
| CHECKED   |          |      |
| FILE NAME |          |      |

| PROFILE   | REVIEWED | DATE |
|-----------|----------|------|
| NO.       | BY       |      |
| CHECKED   |          |      |
| FILE NAME |          |      |



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RESOURCE  
ASSOCIATES, INC.  
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& SURVEYORS

USER NAME = ranner  
FILE NAME = W:\DuPage County Forest Preserve\120607  
West Branch Regional Trail\120607-10 Phase II  
PLOT SCALE = 1"=10'H  
PLOT DATE = 4/21/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WEST TRAIL CROSS SECTIONS

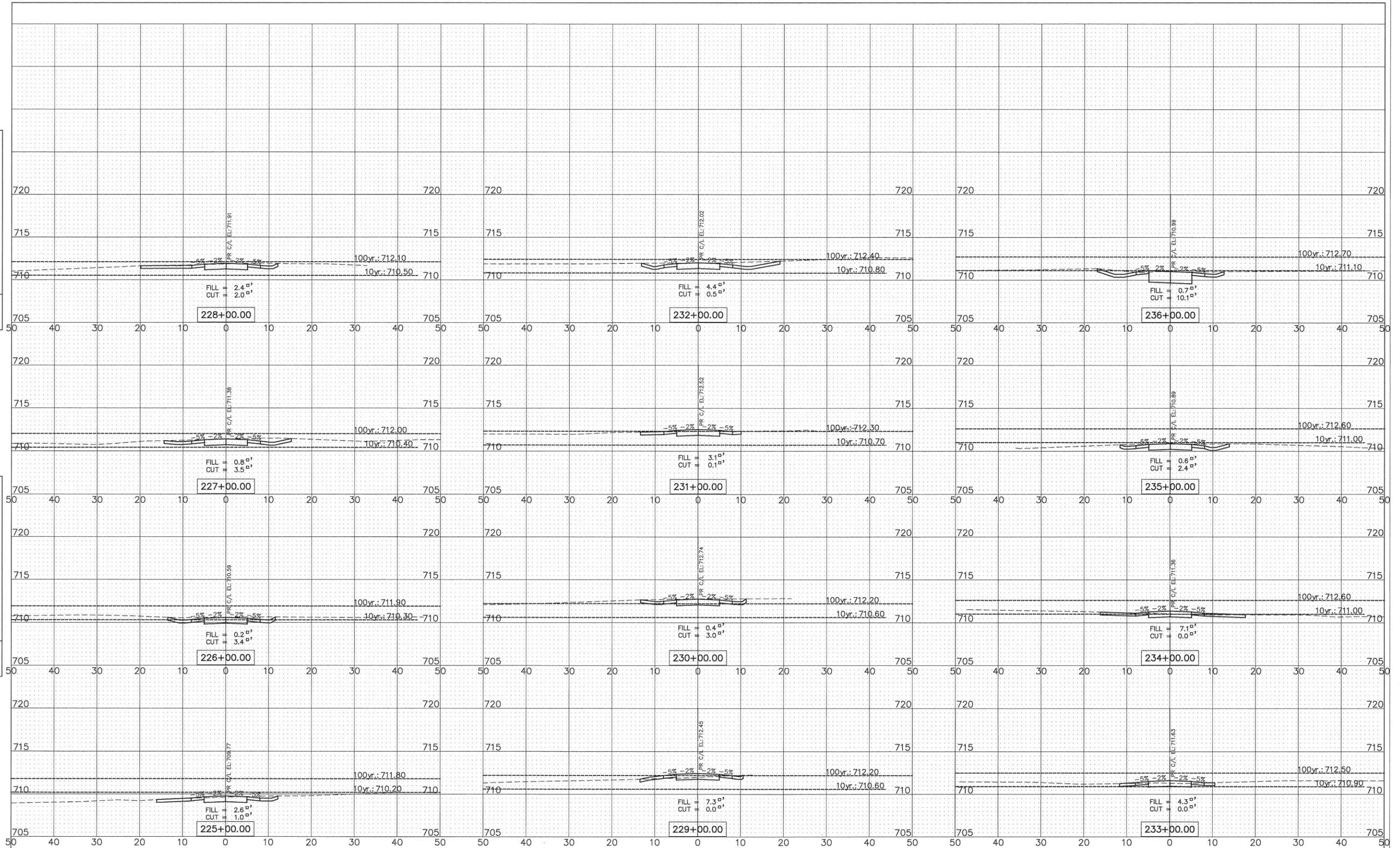
SCALE: 1"=10'H=5'V SHEET NO. 4 OF 10 SHEETS STA. 213+00 TO STA. 224+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 80           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |



|           |      |    |
|-----------|------|----|
| PLAN      | DATE | BY |
| REVISIONS |      |    |
| NO.       |      |    |
| NOTE BOOK |      |    |
| FILE NAME |      |    |

|           |      |    |
|-----------|------|----|
| PROFILE   | DATE | BY |
| REVISIONS |      |    |
| NO.       |      |    |
| NOTE BOOK |      |    |
| FILE NAME |      |    |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = W:\DuPage County Forest Preserve\120607  
West Branch Regional Trail\120607-03 Phase II  
PLOT SCALE = 1"=40'-0"

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WEST TRAIL CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V

SHEET NO. 5 OF 10 SHEETS

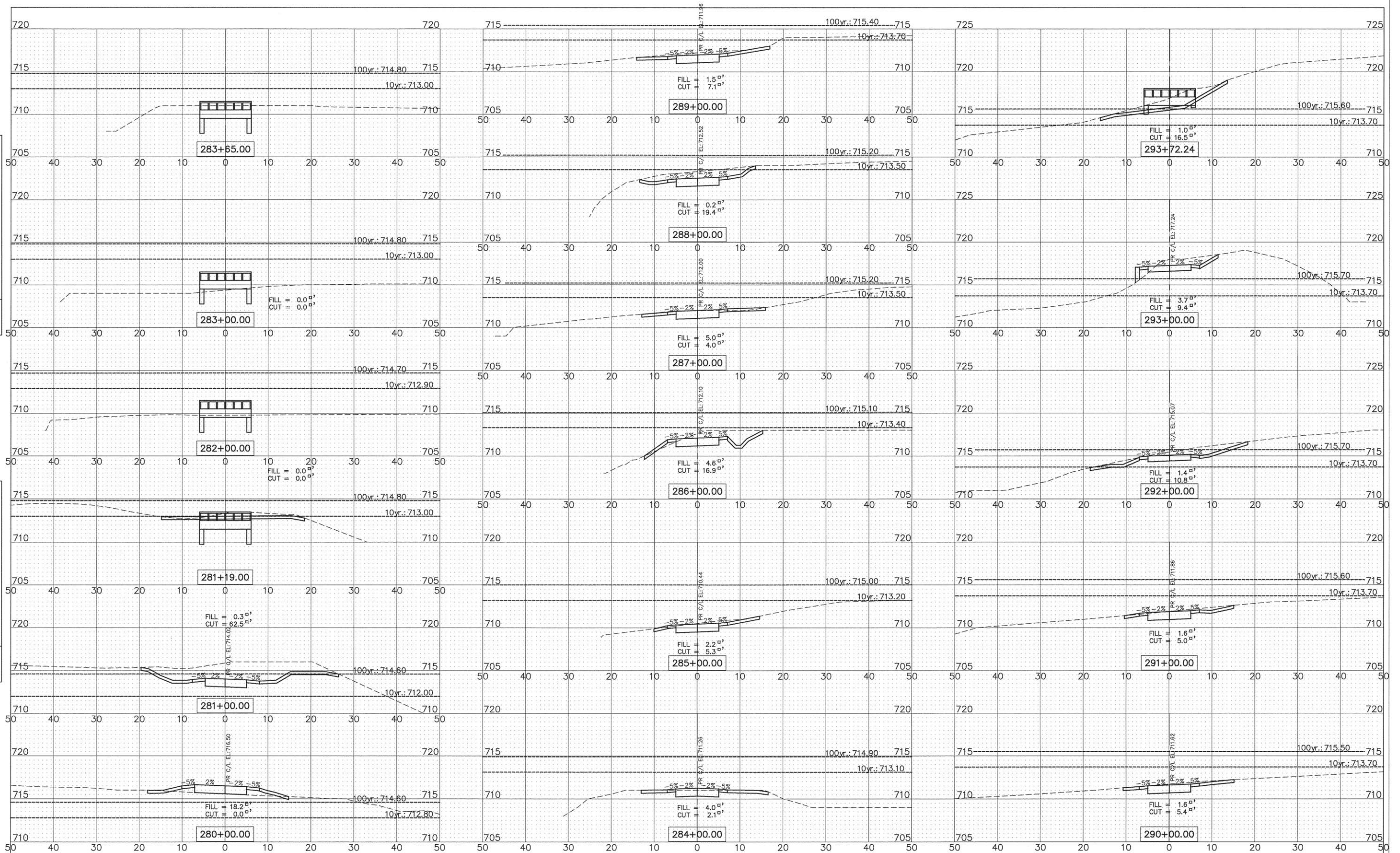
STA. 225+00 TO STA. 235+86.37

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 81           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |



|      |           |          |           |
|------|-----------|----------|-----------|
| DATE | BY        | REVIEWED | CHECKED   |
|      |           |          |           |
| PLAN | NOTE BOOK | NO.      | FILE NAME |

|         |           |          |           |
|---------|-----------|----------|-----------|
| DATE    | BY        | REVIEWED | CHECKED   |
|         |           |          |           |
| PROFILE | NOTE BOOK | NO.      | FILE NAME |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtanner  
FILE NAME = \\DuPage County Forest Preserve\120607  
West Branch Regional Trail\120607-2D Phase II  
PLOT SCALE = 1"=10'-0" HORIZ. 1"=5' VERT.  
PLOT DATE = 4/21/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WINFIELD ROAD TRAIL CROSS SECTIONS

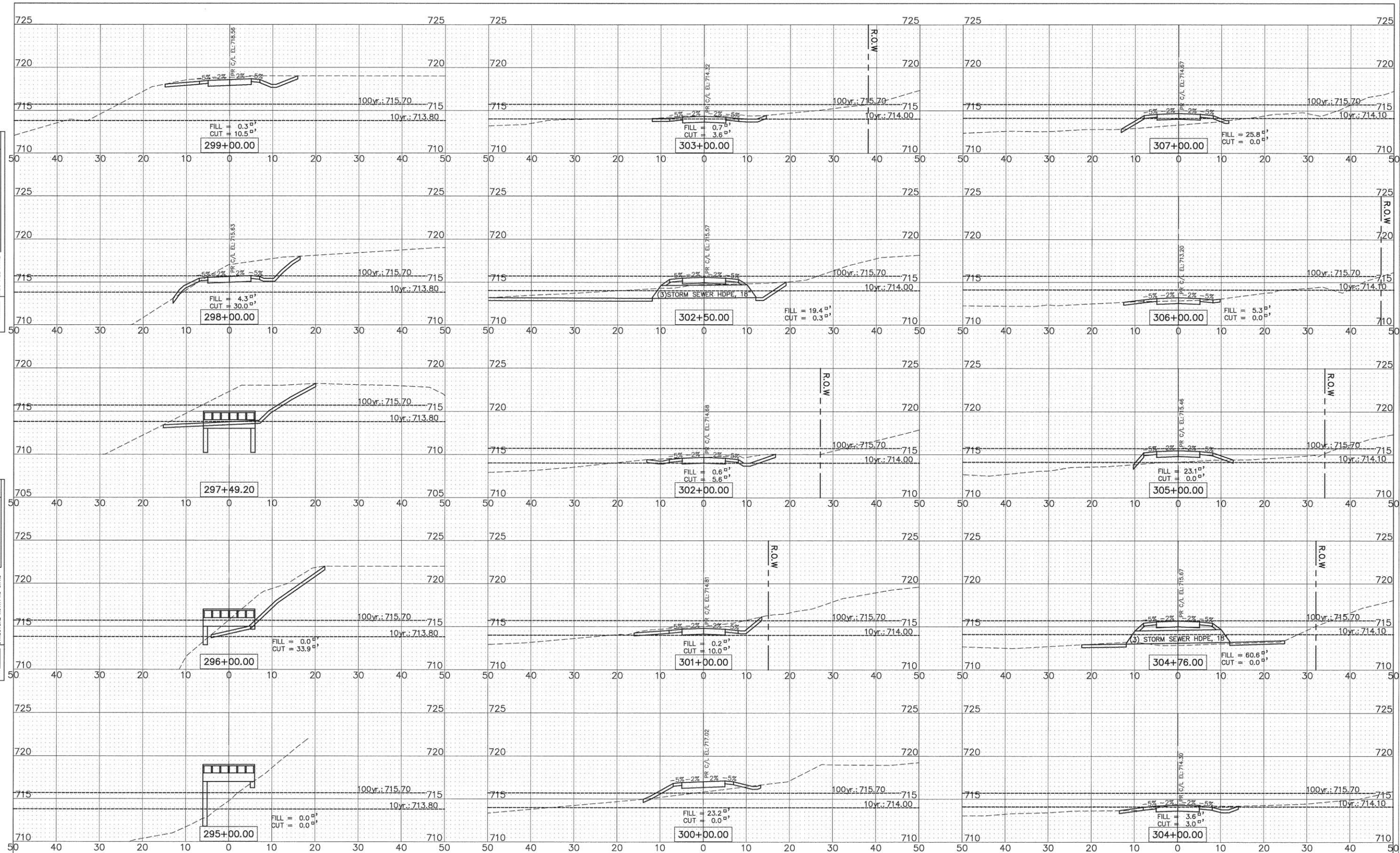
SCALE: 1"=10'-0" HORIZ. 1"=5' VERT. SHEET NO. 6 OF 10 SHEETS STA. 280+00 TO STA. 294+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|--------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86              | 82           |
| CONTRACT NO. 61C60                              |                |        |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |                 |              |



| DATE     | BY        |
|----------|-----------|
|          |           |
| REVIEWED | PLANNED   |
| NOTES    | CHECKED   |
| NO.      | FILE NAME |

| DATE     | BY        |
|----------|-----------|
|          |           |
| REVIEWED | PLANNED   |
| NOTES    | CHECKED   |
| NO.      | FILE NAME |



ENGINEERING  
RESOURCE  
ASSOCIATES, INC.  
CONSULTING ENGINEERS, SCIENTISTS  
& SURVEYORS

USER NAME = rtonner  
FILE NAME = W:\DuPage County Forest Preserve\120607  
West Branch Regional Trail\120607-10 Phase II  
PLOT SCALE = 1"=40'-0"

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WINFIELD ROAD TRAIL CROSS SECTIONS

SCALE: 1"=10'H=5'V SHEET NO. 7 OF 10 SHEETS STA. 295+00 TO STA. 307+00

| F.A.U.<br>RTE. | SECTION        | COUNTY | TOTAL<br>SHEETS       | SHEET<br>NO.              |
|----------------|----------------|--------|-----------------------|---------------------------|
| -              | I2-F3000-II-BT | DUPAGE | 86                    | 83                        |
|                |                |        | CONTRACT NO. 61C60    |                           |
|                |                |        | FED. ROAD DIST. NO. - | ILLINOIS FED. AID PROJECT |



|           |                                |          |            |
|-----------|--------------------------------|----------|------------|
| PROFILE   | SURVEYED _____                 | BY _____ | DATE _____ |
|           | PLOTTED _____                  |          |            |
| NOTE BOOK | GRADES CHECKED _____           |          |            |
| NO. _____ | B.M. NOTED _____               |          |            |
|           | STRUCTURE NOTAT'NS CHK'D _____ |          |            |



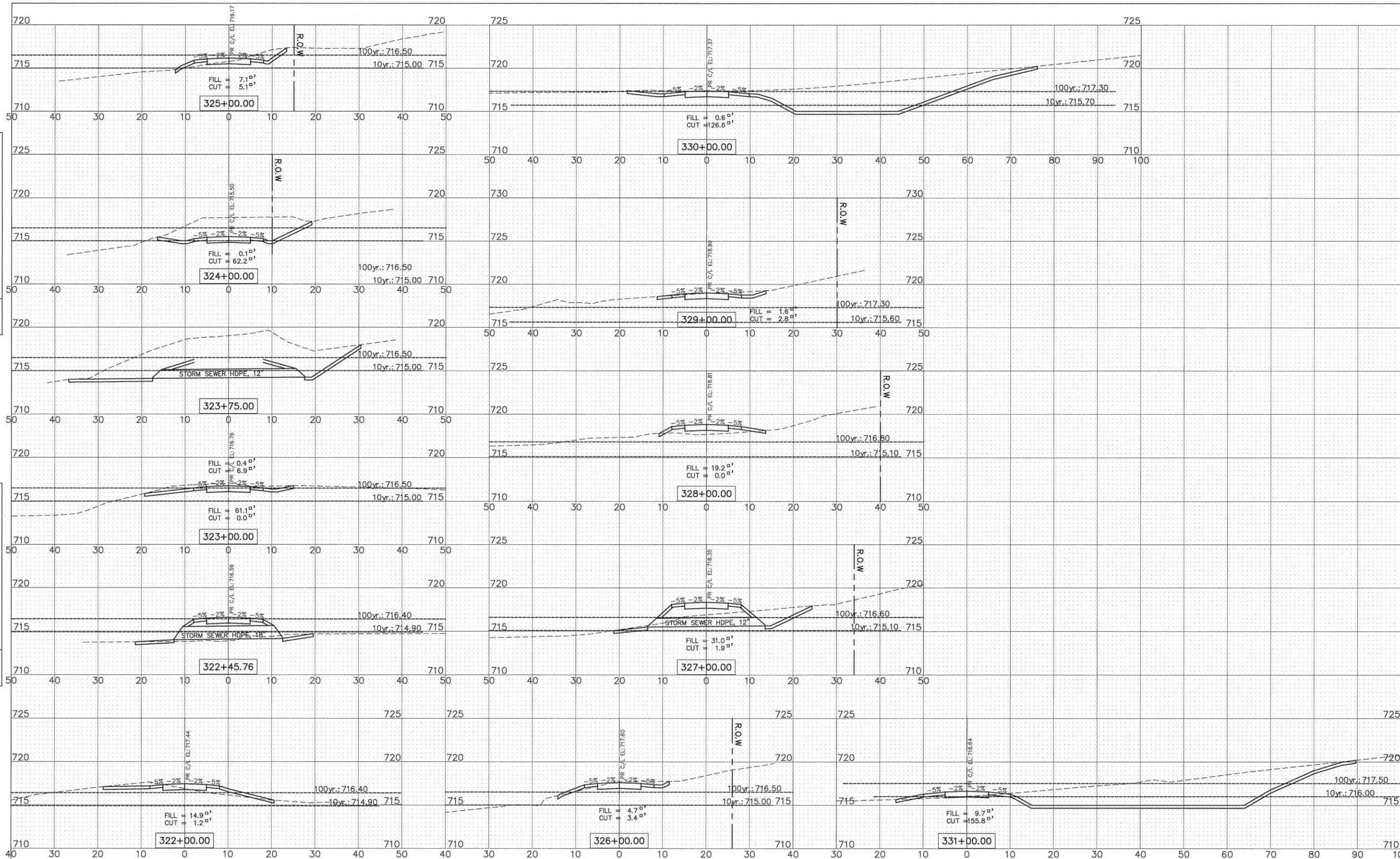
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                       |                |                    |                 |              |
|-----------------------|----------------|--------------------|-----------------|--------------|
| F.A.U.<br>RTE.        | SECTION        | COUNTY             | TOTAL<br>SHEETS | SHEET<br>NO. |
| -                     | I2-F3000-II-BT | DUPAGE             | 86              | 84           |
|                       |                | CONTRACT NO. 61C60 |                 |              |
| FED. ROAD DIST. NO. - | ILLINOIS       | FED. AID PROJECT   |                 |              |



|      |          |    |      |         |     |           |
|------|----------|----|------|---------|-----|-----------|
| PLAN | SURVEYED | BY | DATE | CHECKED | NO. | FILE NAME |
|      |          |    |      |         |     |           |

|         |          |    |      |         |     |           |
|---------|----------|----|------|---------|-----|-----------|
| PROFILE | SURVEYED | BY | DATE | CHECKED | NO. | FILE NAME |
|         |          |    |      |         |     |           |



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& SURVEYORS

USER NAME = rrtanner  
FILE NAME = W:\UpPage County Forest Preserve\120607  
West Branch Regional Trail\120607-2D Phase 1  
PLOT SCALE = 1"=40'

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WINFIELD ROAD TRAIL CROSS SECTIONS

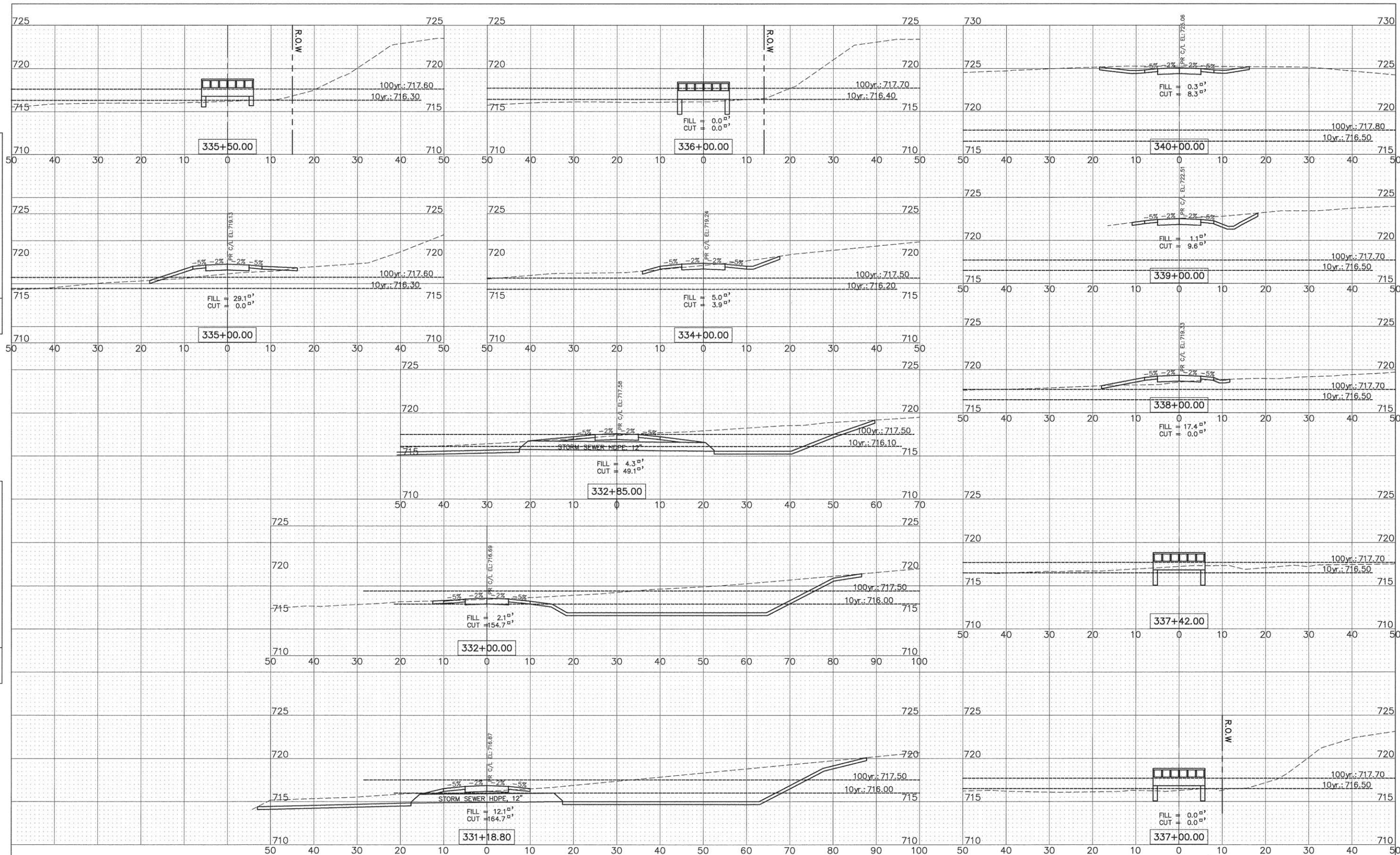
SCALE: 1"=10'H/1"=5'V SHEET NO. 9 OF 10 SHEETS STA. 322+00 TO STA. 331+00

| F.A.U.<br>RTE.                                  | SECTION        | COUNTY  | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|----------------|---------|-----------------|--------------|
| -                                               | I2-F3000-II-BT | DU PAGE | 86              | 85           |
| CONTRACT NO. 61C60                              |                |         |                 |              |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |         |                 |              |



|      |          |          |           |
|------|----------|----------|-----------|
| DATE | BY       | REVIEWED | CHECKED   |
|      |          |          |           |
| PLAN | NO. BOOK | NOTE     | FILE NAME |
|      |          |          |           |

|         |          |          |           |
|---------|----------|----------|-----------|
| DATE    | BY       | REVIEWED | CHECKED   |
|         |          |          |           |
| PROFILE | NO. BOOK | NOTE     | FILE NAME |
|         |          |          |           |



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& SURVEYORS

USER NAME = rtanner  
FILE NAME = W:\DuPage County Forest Preserve\120607  
Plot Scale = 1"=10' H=5' V  
PLOT DATE = 4/21/2016

DESIGNED - AK  
DRAWN - RT  
CHECKED - JM  
DATE - April 2016

REVISED - 04/21/2016  
REVISED - ---  
REVISED - ---  
REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST BRANCH REGIONAL TRAIL  
WINFIELD ROAD TRAIL CROSS SECTIONS

SCALE: 1"=10' H=5' V SHEET NO. 10 OF 10 SHEETS STA. 331+18.80 TO STA. 340+00

| F.A.U. RTE.                                     | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------------------------|----------------|--------|--------------|-----------|
| -                                               | I2-F3000-II-BT | DUPAGE | 86           | 86        |
| CONTRACT NO. 61C60                              |                |        |              |           |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT |                |        |              |           |