

| | | | |
|---------------------------|----------------|--------|--------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS |
| 1512 | 05-00093-00-WR | DUPAGE | 72 |
| PROJECT NO.: M-8003 (699) | | | SHEETS NO. 1 |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF STATE AND LOCAL STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED WITHIN THE VILLAGE OF WESTMONT

TRAFFIC DATA
 POSTED SPEED: 25MPH
 DESIGN SPEED: 30MPH
 CURRENT ADT (2006): 3,950 VPD
 DESIGN ADT (2030): 4,500 VPD

DESIGN DESIGNATION
COLLECTOR

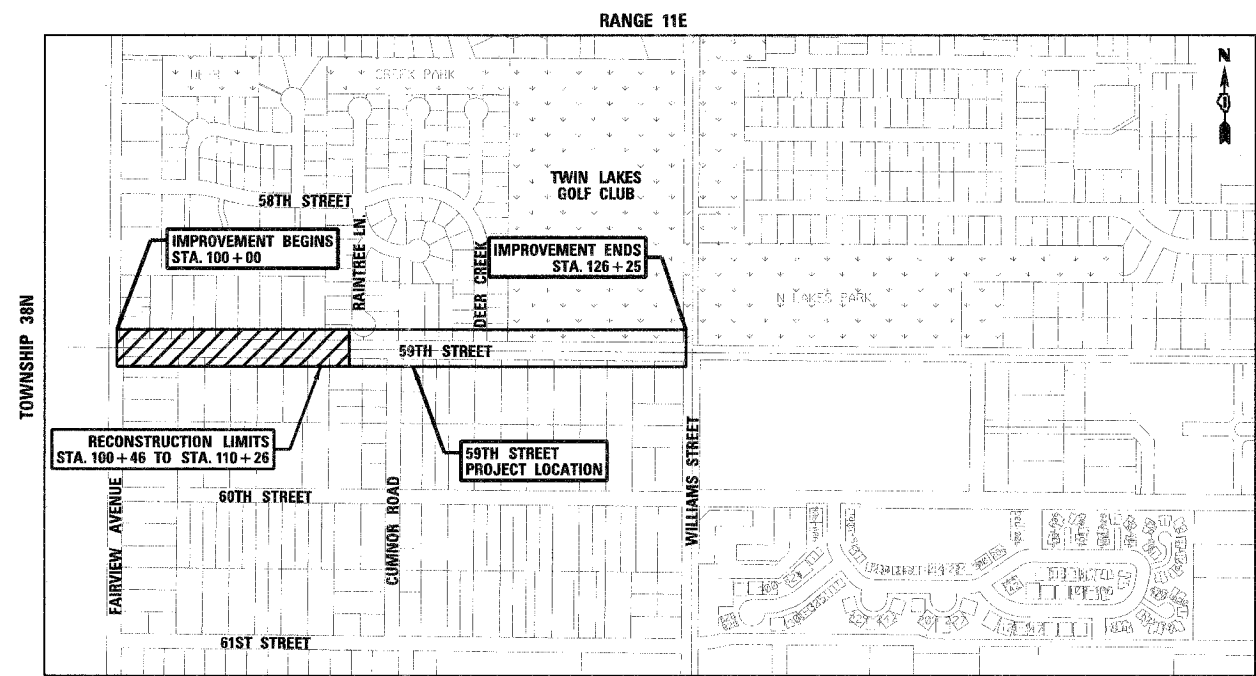
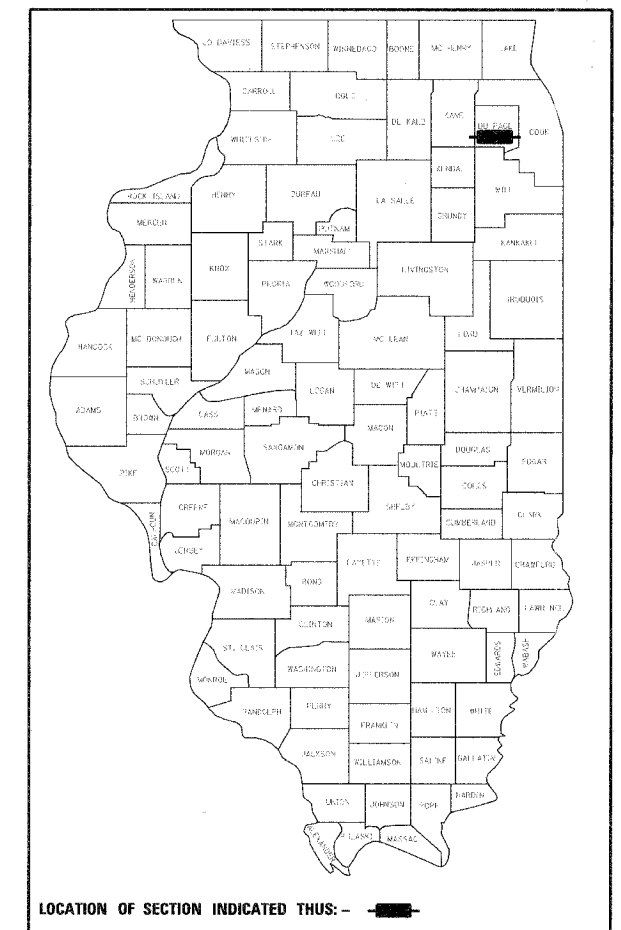
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
 FEDERAL AID PROJECT**

FAU 1512 (59TH STREET)
 Section No.: 05-00093-00-WR

FAIRVIEW AVENUE TO WILLIAMS STREET
 ROADWAY RECONSTRUCTION AND WIDENING

Project No.: M-8003 (699)
 DUPAGE COUNTY
 C-91-038-07



LOCATION MAP

SCALE: 1" = 0.08 MILES

TOWNSHIP: 38N
RANGE: 11E

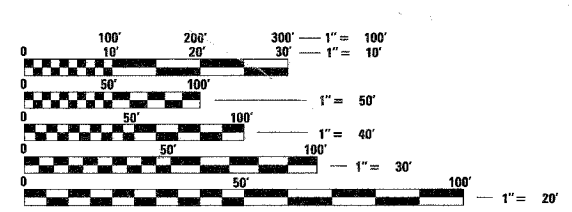
GROSS LENGTH OF PROJECT = 2,700 LINEAL FEET (0.51 MILES)
 NET LENGTH OF PROJECT = 2,700 LINEAL FEET (0.51 MILES)

IL DESIGN FIRM
 NO. 184-001310



EXP. 04/30/09

ASSOCIATE FIELD ENGINEER: JESSICA FELICIANO (847) 705-4487



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

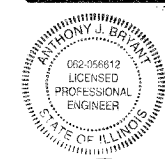
CONTRACT NO. 83985

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

Approved: *[Signature]* 09/20 2007
 Village of Westmont, Village Engineer

Passed: November 6, 2007
[Signature] District 1 Engineer of Local Roads and Streets

Releasing for Bid Based on Limited Review: Nov. 7 2007
[Signature] Deputy Director of Highways, Region 1 Engineer



[Signature] 26 September 2007
ANTHONY J. BRYANT, P.E.
 ILLINOIS REGISTRATION No. 062-056612
 EXPIRATION DATE: 11/30/2007
 APPLIES TO SHEETS 1-41 AND 54-72



[Signature] 26 September 2007
DAVID E. MERTZ, P.E.
 ILLINOIS REGISTRATION No. 062-052068
 EXPIRATION DATE: 11/30/2007
 APPLIES TO SHEETS 42-53

| | | | |
|---------------------------|--------|---|-----------|
| F.A.U. SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 05-00093-00-WR | DUPAGE | 72 | 4 |
| STA. TO STA. | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |
| PROJECT NO.: M-8003 (699) | | | |

SUMMARY OF QUANTITIES

| SP | CODED PAY ITEM NUMBER | DESCRIPTION | UNIT OF MEASURE | TOTAL QUANTITY | ROADWAY 1000-2A | | HIGHWAY LIGHTING Y030-1E | |
|----|-----------------------|---|-----------------|----------------|-----------------|-------------------|--------------------------|-------------------|
| | | | | | PARTICIPATING | NON-PARTICIPATING | PARTICIPATING | NON-PARTICIPATING |
| | 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 198 | 198 | - | - | - |
| | 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 118 | 118 | - | - | - |
| | 20101000 | TEMPORARY FENCE | FOOT | 1,000 | 1,000 | - | - | - |
| * | 20101100 | TREE TRUNK PROTECTION | EACH | 59 | 59 | - | - | - |
| * | 20101300 | TREE PRUNING (1 TO 10 INCH DIAMETER) | EACH | 15 | 15 | - | - | - |
| | 20200100 | EARTH EXCAVATION | CU YD | 545 | 545 | - | - | - |
| | 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 1,876 | 1,876 | - | - | - |
| | 20400800 | FURNISHED EXCAVATION | CU YD | 437 | 437 | - | - | - |
| △ | 20700420 | POROUS GRANULAR EMBANKMENT, SUBGRADE | CU YD | 252 | 252 | - | - | - |
| | 20800150 | TRENCH BACKFILL | CU YD | 1,060 | 1,060 | - | - | - |
| | 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 4,583 | 4,583 | - | - | - |
| * | 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 4,013 | 4,013 | - | - | - |
| * | 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 50 | 50 | - | - | - |
| * | 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 50 | 50 | - | - | - |
| * | 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 50 | 50 | - | - | - |
| * | 25100630 | EROSION CONTROL BLANKET | SQ YD | 4,013 | 4,013 | - | - | - |
| * | 25200110 | SODDING, SALT TOLERANT | SQ YD | 4,013 | 4,013 | - | - | - |
| * | 25200200 | SUPPLEMENTAL WATERING | UNIT | 37 | 37 | - | - | - |
| * | 28000400 | PERIMETER EROSION BARRIER | FOOT | 3,107 | 3,107 | - | - | - |
| | 28000510 | INLET FILTERS | EACH | 15 | 15 | - | - | - |
| | 40201000 | AGGREGATE FOR TEMPORARY ACCESS | TON | 115 | 115 | - | - | - |
| | 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 854 | 854 | - | - | - |
| | 40600300 | AGGREGATE (PRIME COAT) | TON | 10 | 10 | - | - | - |
| | 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 131 | 131 | - | - | - |
| | 40701801 | HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6" | SQ YD | 3,856 | 3,856 | - | - | - |
| | 42001300 | PROTECTIVE COAT | SQ YD | 2,444 | 2,444 | - | - | - |
| | 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH | SQ FT | 17,807 | 17,807 | - | - | - |
| | 42400800 | DETECTABLE WARNINGS | SQ FT | 56 | 56 | - | - | - |
| | 44000100 | PAVEMENT REMOVAL | SQ YD | 2,304 | 2,304 | - | - | - |
| | 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 1,246 | 1,246 | - | - | - |
| | 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 426 | 426 | - | - | - |
| | 44000600 | SIDEWALK REMOVAL | SQ FT | 523 | 523 | - | - | - |
| △ | 50105210 | REMOVE EXISTING CULVERTS | FOOT | 266 | 266 | - | - | - |
| | 55019500 | STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12" | FOOT | 383 | 383 | - | - | - |
| | 55019700 | STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18" | FOOT | 299 | 299 | - | - | - |
| | 55019900 | STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24" | FOOT | 140 | 140 | - | - | - |
| | 55022100 | STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 27" | FOOT | 229 | 229 | - | - | - |
| | 56300300 | ADJUSTING WATER SERVICE LINES | FOOT | 210 | 210 | - | - | - |
| △ | 56500600 | DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED | EACH | 9 | 9 | - | - | - |
| | 60200305 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE | EACH | 9 | 9 | - | - | - |
| | 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 | 2 | - | - | - |
| | 60221100 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 3 | 3 | - | - | - |
| | 60223800 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 | 1 | - | - | - |
| △ | 60224090 | MANHOLES, TYPE A, 6'-DIAMETER, WITH SPECIAL FRAME AND GRATE | EACH | 1 | 1 | - | - | - |
| | 60255500 | MANHOLES TO BE ADJUSTED | EACH | 1 | 1 | - | - | - |
| | 60260100 | INLETS TO BE ADJUSTED | EACH | 2 | 2 | - | - | - |
| | 60500040 | REMOVING MANHOLES | EACH | 1 | 1 | - | - | - |

* INDICATES SPECIALTY ITEM
 △ INDICATES SPECIAL PROVISION

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

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

DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|----------------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION SUMMARY OF QUANTITIES SHEET 1 OF 2 SCALE: N.T.S. DATE: 09/21/07 |
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| | | |
| DRAWN BY: JMT | | CHECKED BY: AJB |
| DATE: 09/21/07 | | |

| | | | | |
|---|----------------|---------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 6 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

EARTHWORK SCHEDULE

| LOCATION | | | UNSUITABLE EXCAVATION (UNDERCUT) (CU YD) | | | UNSUITABLE EXCAVATION* (TOPSOIL) (CU YD) | | | POROUS GRANULAR ENMBANKMENT (PGE) REPLACEMENT (CU YD) | | | EARTH EXCAVATION*** (CU YD) | | | STRUCTURE EXCAVATION (CU YD) | | | TOTAL SUITABLE EXCAVATION (CU YD) | | | EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR SHRINKAGE - 15%) (CU YD) | | | EMBANKMENT (CU YD) | | | EARTHWORK BALANCE** WASTE (+) OR SHORTAGE (-) (CU YD) | | |
|-------------|--------|-----|--|---------|---------|--|---------|---------|---|---------|---------|-----------------------------|---------|---------|------------------------------|---------|---------|-----------------------------------|---------|---------|---|---------|---------|--------------------|---------|---------|---|---------|---------|
| STA | TO | STA | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 | TOTAL | STAGE 1 | STAGE 2 |
| 59TH STREET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100+46 | 100+50 | | -- | 0 | 0 | 2.2 | 1.1 | 1.1 | -- | 0 | 0 | 2.0 | 0.5 | 1.4 | -- | 0 | 0 | 2.0 | 0.5 | 1.4 | 1.7 | 0.5 | 1.2 | 3.3 | 1.9 | 1.4 | -1.6 | -1.4 | -0.2 |
| 100+50 | 101+00 | | -- | 0 | 0 | 42.6 | 29.8 | 12.8 | -- | 0 | 0 | 32.8 | 6.2 | 26.6 | -- | 0 | 0 | 32.8 | 6.2 | 26.6 | 27.9 | 5.3 | 22.6 | 38.5 | 26.3 | 12.2 | -10.7 | -21.0 | 10.4 |
| 101+00 | 101+50 | | -- | 0 | 0 | 71.1 | 57.2 | 13.9 | -- | 0 | 0 | 39.4 | 2.6 | 36.9 | -- | 0 | 0 | 39.4 | 2.6 | 36.9 | 33.5 | 2.2 | 31.3 | 31.5 | 23.7 | 7.8 | 2.0 | -21.5 | 23.5 |
| 101+50 | 102+50 | | -- | 0 | 0 | 173.7 | 129.6 | 44.1 | -- | 0 | 0 | 69.6 | 0.7 | 68.9 | -- | 0 | 0 | 69.6 | 0.7 | 68.9 | 59.2 | 0.6 | 58.6 | 67.4 | 50.2 | 17.2 | -8.2 | -49.6 | 41.3 |
| 102+50 | 103+50 | | -- | 0 | 0 | 165.4 | 114.3 | 51.1 | -- | 0 | 0 | 49.3 | 0.7 | 48.5 | -- | 0 | 0 | 49.3 | 0.7 | 48.5 | 41.9 | 0.6 | 41.2 | 92.4 | 54.8 | 37.6 | -50.5 | -54.2 | 3.6 |
| 103+50 | 104+50 | | -- | 0 | 0 | 174.6 | 126.5 | 48.1 | -- | 0 | 0 | 47.6 | 0.2 | 47.4 | -- | 0 | 0 | 47.6 | 0.2 | 47.4 | 40.5 | 0.2 | 40.3 | 91.1 | 41.5 | 49.6 | -50.7 | -41.3 | -9.3 |
| 104+50 | 105+00 | | -- | 0 | 0 | 106.7 | 80.2 | 26.5 | -- | 0 | 0 | 25.2 | 0.3 | 24.9 | -- | 0 | 0 | 25.2 | 0.3 | 24.9 | 21.4 | 0.2 | 21.2 | 36.5 | 11.2 | 25.3 | -15.1 | -11.0 | -4.1 |
| 105+00 | 106+00 | | -- | 0 | 0 | 218.3 | 163.1 | 55.2 | -- | 0 | 0 | 35.6 | 3.3 | 32.2 | -- | 0 | 0 | 35.6 | 3.3 | 32.2 | 30.2 | 2.8 | 27.4 | 74.3 | 11.9 | 62.4 | -44.0 | -9.0 | -35.0 |
| 106+00 | 106+50 | | -- | 0 | 0 | 117.9 | 90.3 | 27.6 | -- | 0 | 0 | 23.6 | 11.6 | 12.0 | -- | 0 | 0 | 23.6 | 11.6 | 12.0 | 20.1 | 9.8 | 10.2 | 34.4 | 4.0 | 30.5 | -14.4 | 5.9 | -20.2 |
| 106+50 | 107+00 | | -- | 0 | 0 | 110.8 | 86.1 | 24.7 | -- | 0 | 0 | 19.2 | 10.2 | 9.0 | -- | 0 | 0 | 19.2 | 10.2 | 9.0 | 16.3 | 8.7 | 7.6 | 41.3 | 7.6 | 33.7 | -25.0 | 1.1 | -26.1 |
| 107+00 | 107+50 | | -- | 0 | 0 | 83.1 | 62.6 | 20.5 | -- | 0 | 0 | 3.1 | 0.0 | 3.1 | -- | 0 | 0 | 3.1 | 0.0 | 3.1 | 2.6 | 0.0 | 2.6 | 57.6 | 17.3 | 40.3 | -55.0 | -17.3 | -37.7 |
| 107+50 | 108+00 | | -- | 0 | 0 | 72.2 | 53.1 | 19.1 | -- | 0 | 0 | 5.9 | 0.0 | 5.9 | -- | 0 | 0 | 5.9 | 0.0 | 5.9 | 5.0 | 0.0 | 5.0 | 62.4 | 25.9 | 36.5 | -57.4 | -25.9 | -31.4 |
| 108+00 | 108+50 | | -- | 0 | 0 | 79.2 | 59.9 | 19.3 | -- | 0 | 0 | 15.7 | 0.0 | 15.7 | -- | 0 | 0 | 15.7 | 0.0 | 15.7 | 13.4 | 0.0 | 13.4 | 49.8 | 21.4 | 28.4 | -36.4 | -21.4 | -15.0 |
| 108+50 | 109+00 | | -- | 0 | 0 | 95.9 | 76.1 | 19.8 | -- | 0 | 0 | 23.3 | 0.0 | 23.3 | -- | 0 | 0 | 23.3 | 0.0 | 23.3 | 19.8 | 0.0 | 19.8 | 33.3 | 10.5 | 22.9 | -13.5 | -10.5 | -3.0 |
| 109+00 | 109+50 | | -- | 0 | 0 | 79.3 | 61.6 | 17.7 | -- | 0 | 0 | 23.8 | 0.0 | 23.8 | -- | 0 | 0 | 23.8 | 0.0 | 23.8 | 20.2 | 0.0 | 20.2 | 42.9 | 21.0 | 21.9 | -22.6 | -21.0 | -1.6 |
| 109+50 | 110+00 | | -- | 0 | 0 | 42.2 | 28.8 | 13.4 | -- | 0 | 0 | 31.6 | 10.3 | 21.3 | -- | 0 | 0 | 31.6 | 10.3 | 21.3 | 26.8 | 8.7 | 18.1 | 45.6 | 21.9 | 23.8 | -18.8 | -13.1 | -5.7 |
| 110+00 | 110+25 | | -- | 0 | 0 | 13.9 | 7.5 | 6.3 | -- | 0 | 0 | 18.2 | 8.5 | 9.8 | -- | 0 | 0 | 18.2 | 8.5 | 9.8 | 15.5 | 7.2 | 8.3 | 21.5 | 10.9 | 10.6 | -6.0 | -3.7 | -2.3 |
| TOTALS | | | 0 | 0 | 0 | 1649 | 1228 | 421 | 0 | 0 | 0 | 466 | 55 | 411 | 0 | 0 | 0 | 466 | 55 | 411 | 396 | 47 | 349 | 824 | 362 | 462 | -428 | -315 | -113 |

EARTHWORK SUMMARY WITHIN FULL-DEPTH PAVEMENT RECONSTRUCTION LIMITS

| | STG 1 | STG 2 | TOTAL |
|--|-------|-------|-------|
| EARTH EXCAVATION | 55 | 411 | 466 |
| REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL* | 1228 | 421 | 1649 |
| FURNISHED EXCAVATION** | -315 | -113 | 428 |

*SEE NOTE BELOW

EARTHWORK SUMMARY DUE TO SIDEWALK CONSTRUCTION OUTSIDE OF FULL-DEPTH PAVEMENT RECONSTRUCTION LIMITS

| | STG 1 | STG 2 | TOTAL |
|--|-------|-------|-------|
| EARTH EXCAVATION | 13 | 55 | 68 |
| REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL* | 36 | 154 | 190 |

*SEE NOTE BELOW

NOTE: A 2% CONTINGENCY HAS BEEN ADDED TO EARTHWORK ITEMS AND IS REFLECTED IN THE SUMMARY OF QUANTITIES.

* UNSUITABLE EXCAVATION (TOPSOIL) IS PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. THE TOTAL QUANTITY INCLUDED IN THE EARTHWORK SCHEDULE DOES NOT ACCOUNT FOR TOPSOIL REMOVAL NECESSARY DUE TO PLACEMENT OF PROPOSED SIDEWALK OUTSIDE OF THE FULL-DEPTH PAVEMENT RECONSTRUCTION LIMITS. THE QUANTITY DUE TO SIDEWALK PLACEMENT IS CALCULATED SEPARATELY AND INCLUDED IN THE SUMMARY OF QUANTITIES AND SEPARATE SUMMARY ON THIS PAGE.

** EXCAVATION AND EMBANKMENT QUANTITIES ARE BALANCED IN THE ABOVE EARTHWORK SCHEDULE. A POSITIVE VALUE INDICATES EXCESS EMBANKMENT WHEREAS A NEGATIVE VALUE INDICATES A SHORTAGE OF EMBANKMENT FOR A PARTICULAR STAGE.

*** EARTH EXCAVATION QUANTITIES SHOWN ON SCHEDULE ABOVE DO NOT REFLECT EARTH EXCAVATION DUE TO PLACEMENT OF PROPOSED SIDEWALK OUTSIDE OF THE FULL-DEPTH PAVEMENT RECONSTRUCTION LIMITS. THE QUANTITY DUE TO SIDEWALK PLACEMENT IS CALCULATED SEPARATELY AND INCLUDED IN THE SUMMARY OF QUANTITIES AND SEPARATE SUMMARY ON THIS PAGE.

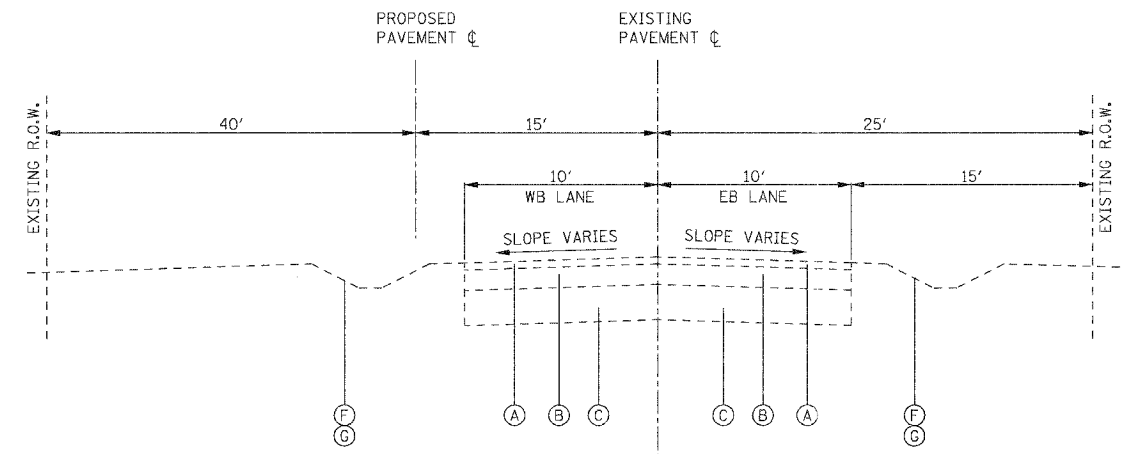
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|--|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION EARTHWORK SCHEDULE SHEET 1 OF 1 SCALE: N.T.S. DRAWN BY: JMT DATE: 09/21/07 CHECKED BY: AJB |
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| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTED | | |
| | STRUCTURE | | |
| | NOTATIONS | | |
| | CHORD | | |
| | NO. | | |

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| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTED | | |
| | STRUCTURE | | |
| | NOTATIONS | | |
| | CHORD | | |
| | NO. | | |

PLOT DATE * DATE * FILE NAME * FILE NO. * PLOT SCALE * SCALE * USER NAME * USER

| | | | | |
|---------------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 8 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |



59TH STREET
EXISTING TYPICAL SECTION
STA. 100+45 TO STA. 109+90

EXISTING LEGEND

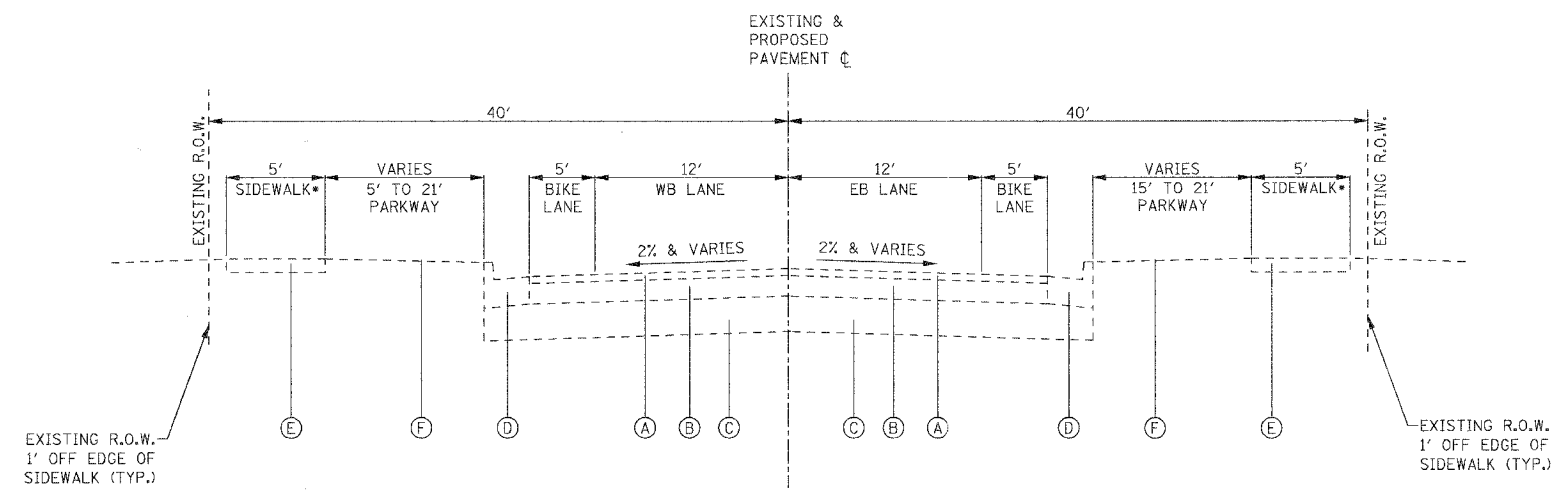
- (A) EXISTING HOT-MIX ASPHALT OVERLAY
- (B) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES
- (C) EXISTING AGGREGATE BASE COURSE, THICKNESS VARIES
- (D) EXISTING CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING PCC SIDEWALK
- (F) EXISTING LANDSCAPED PARKWAY
- (G) EXISTING STORMWATER DRAINAGE DITCH

PROPOSED LEGEND:

- (1) HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 6" (REFER TO HMA MIXTURE REQUIREMENTS CHART)
- (2) AGGREGATE SUBGRADE, 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (4) PORTLAND CEMENT SIDEWALK, 5 INCH
- (5) TOPSOIL FURNISH AND PLACE, 4 INCH
- (6) SODDING, SALT TOLERANT
- (7) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (8) AGGREGATE BASE COURSE, TYPE B, 2" (INCIDENTAL TO PCC SIDEWALK, 5 INCH)

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

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



*EXISTING SIDEWALK LOCATIONS
STA 113+18 TO STA 126+18 LT

59TH STREET
EXISTING TYPICAL SECTION
STA. 109+90 TO STA. 127+12

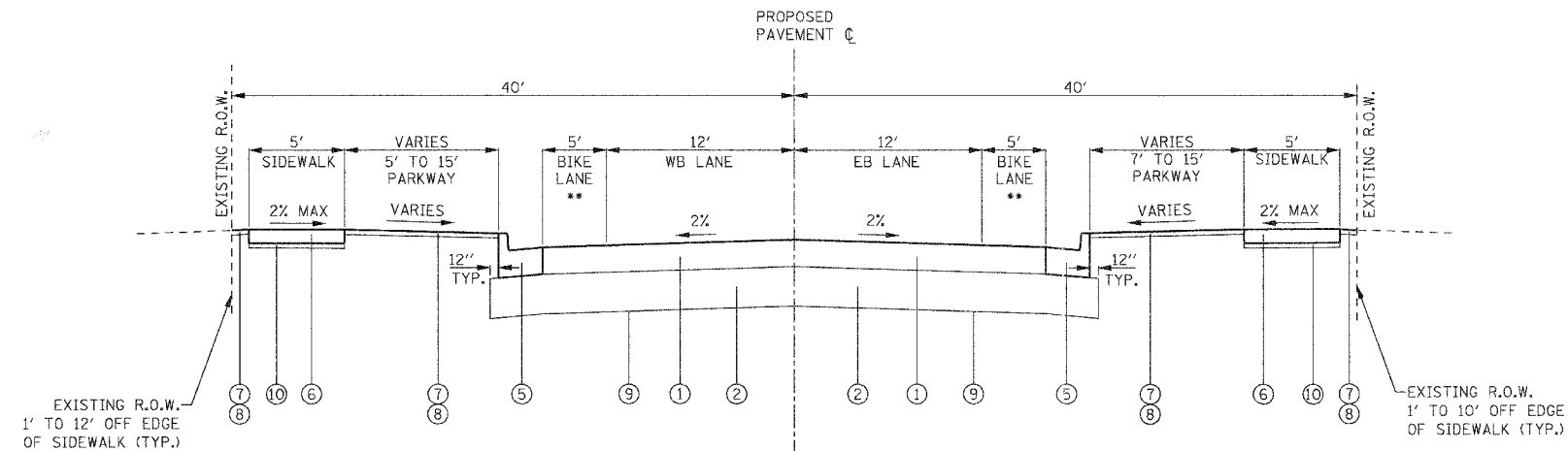
*EXISTING SIDEWALK LOCATIONS
STA 112+52 TO STA 116+55 RT

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | <p>VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION</p> <p>EXISTING TYPICAL SECTIONS</p> <p>SCALE: N.T.S. DRAWN BY: JMT</p> <p>DATE: 09/21/07 CHECKED BY: AJB</p> |
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PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

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| F.A.U. SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 05-00093-00-WR | DUPAGE | 72 | 9 |
| STA. TO STA. | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |
| | | PROJECT NO.: M-8003 (699) | |

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| PLAN | SURVEYED | BY | DATE |
| | NOTE BOOK | | |
| | ALIGNED | | |
| | CHECKED | | |
| | BY | | |
| | NO. OF W.V. CHECKED | | |
| | DATE | | |



** UNMARKED ON-STREET BIKE LANE

**59TH STREET
PROPOSED TYPICAL SECTION**
STA. 100+30 TO STA. 110+26

** UNMARKED ON-STREET BIKE LANE

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT OVERLAY
- (B) EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES
- (C) EXISTING AGGREGATE BASE COURSE, THICKNESS VARIES
- (D) EXISTING CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING PCC SIDEWALK
- (F) EXISTING LANDSCAPED PARKWAY
- (G) EXISTING STORMWATER DRAINAGE DITCH

PROPOSED LEGEND:

- ① HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 6" (REFER TO HMA MIXTURE REQUIREMENTS CHART)
- ② AGGREGATE SUBGRADE, 12"
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑥ PORTLAND CEMENT SIDEWALK, 5 INCH
- ⑦ TOPSOIL FURNISH AND PLACE, 4 INCH
- ⑧ SODDING, SALT TOLERANT
- ⑨ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑩ AGGREGATE BASE COURSE, TYPE B, 2" (INCIDENTAL TO PCC SIDEWALK, 5 INCH)

UNDERCUT AND PGE, SUBGRADE LOCATION

NOTE: POSSIBLE LOCATIONS OF UNDERCUT AND POROUS GRANULAR EMBANKMENT, SUBGRADE SHALL BE IDENTIFIED BY THE ENGINEER DURING CONSTRUCTION. CONTRACTOR SHALL BE PAID FOR THE ACTUAL QUANTITY OF WORK PERFORMED.

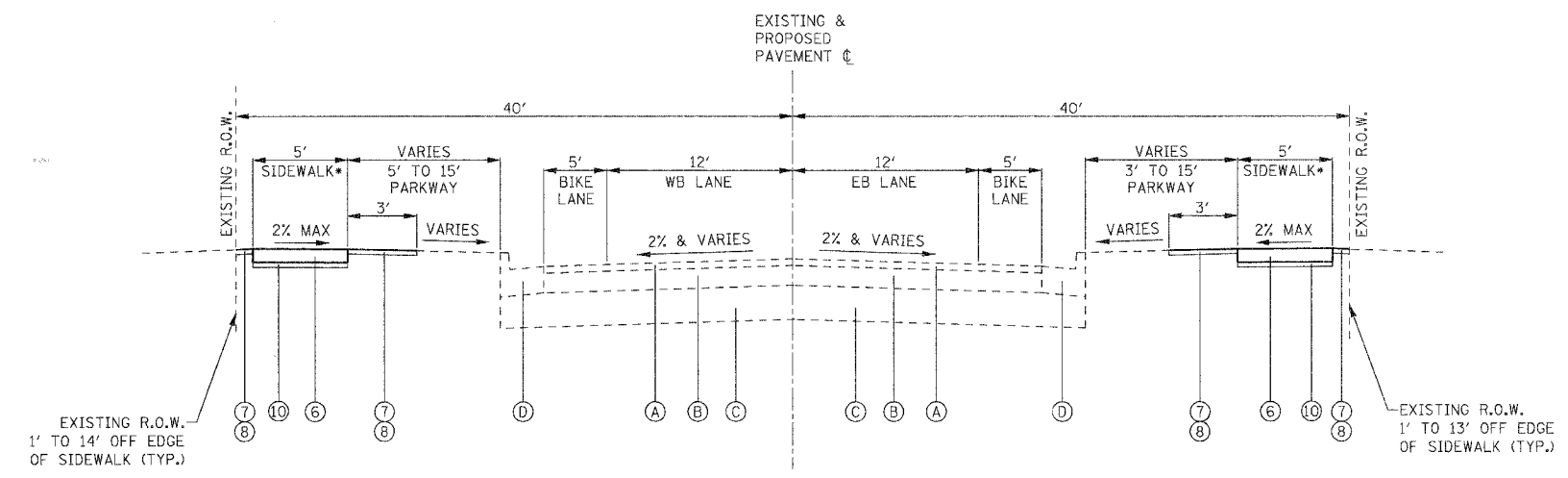
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

| ITEM | AC TYPE | VOIDS |
|--|----------------------|--------------|
| HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6" | | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" | PG 64-22 | 4% @ 50 GYR. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4" | PG 64-22/ 58-22 * | 4% @ 50 GYR. |
| BITUMINOUS DRIVEWAY PAVEMENT, 10" | | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" | PG 64-22 | 4% @ 50 GYR. |

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY-IN.

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

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| PROFILE | SURVEYED | BY | DATE |
| | NOTE BOOK | | |
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| | NO. OF W.V. CHECKED | | |
| | DATE | | |



* EXISTING SIDEWALK LOCATIONS
STA 113+18 TO STA 126+18 LT

**59TH STREET
PROPOSED TYPICAL SECTION**
STA. 110+26 TO STA. 126+09

* EXISTING SIDEWALK LOCATIONS
STA 112+52 TO STA 116+55 RT

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | <p>VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION</p> <p>PROPOSED TYPICAL SECTIONS</p> <p>SCALE: N.T.S. DRAWN BY: JMT</p> <p>DATE: 09/21/07 CHECKED BY: AJB</p> |
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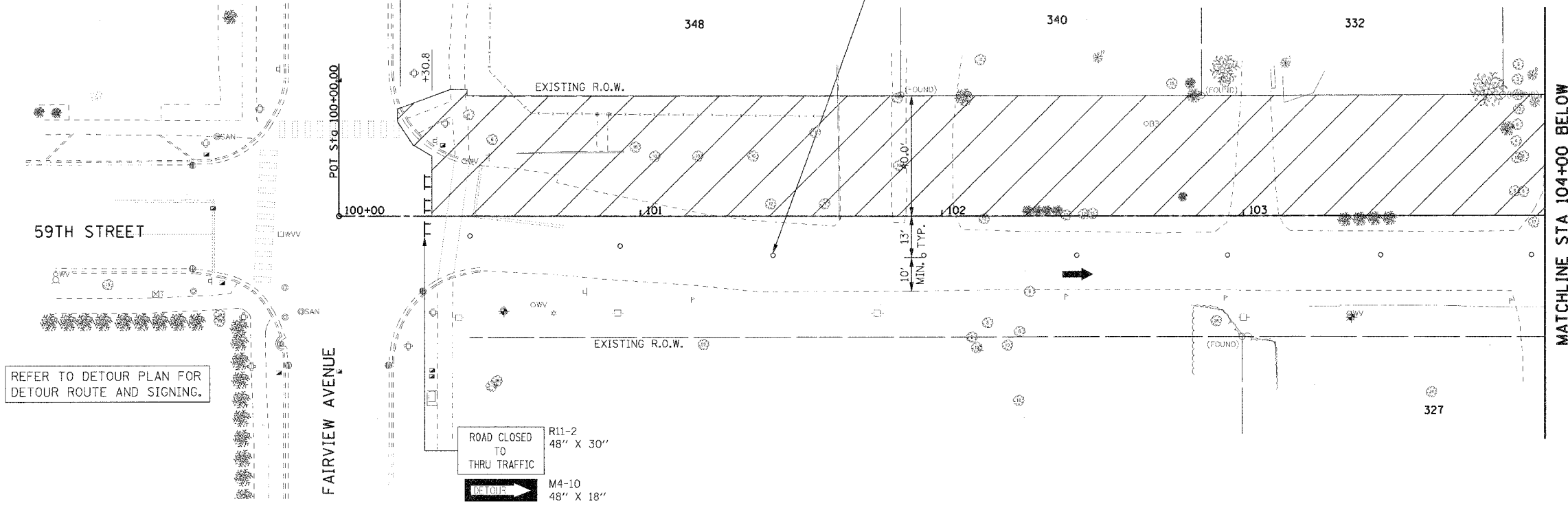
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USER NAME = #USER#

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|---|----------------|----------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 12 |
| STA. 100+00 | | TO STA. 109+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| PLAN | SURVEYED | BY | DATE |
| NOTE BOOK NO. | ALIGNED | | |
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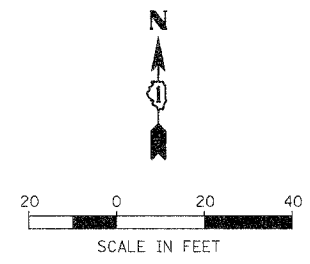
ADVANCE SIGNING FOR ROAD CLOSURE AND DETOUR ROUTE PER IDOT DISTRICT 1 STD TC21

TYPE II BARRICADE (50' C-C) WITH STEADY BURN BIDIRECTIONAL LIGHT (TYP)



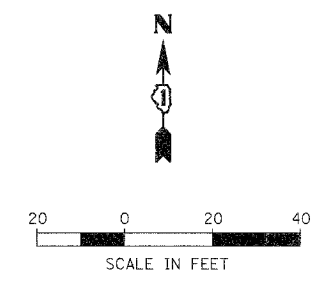
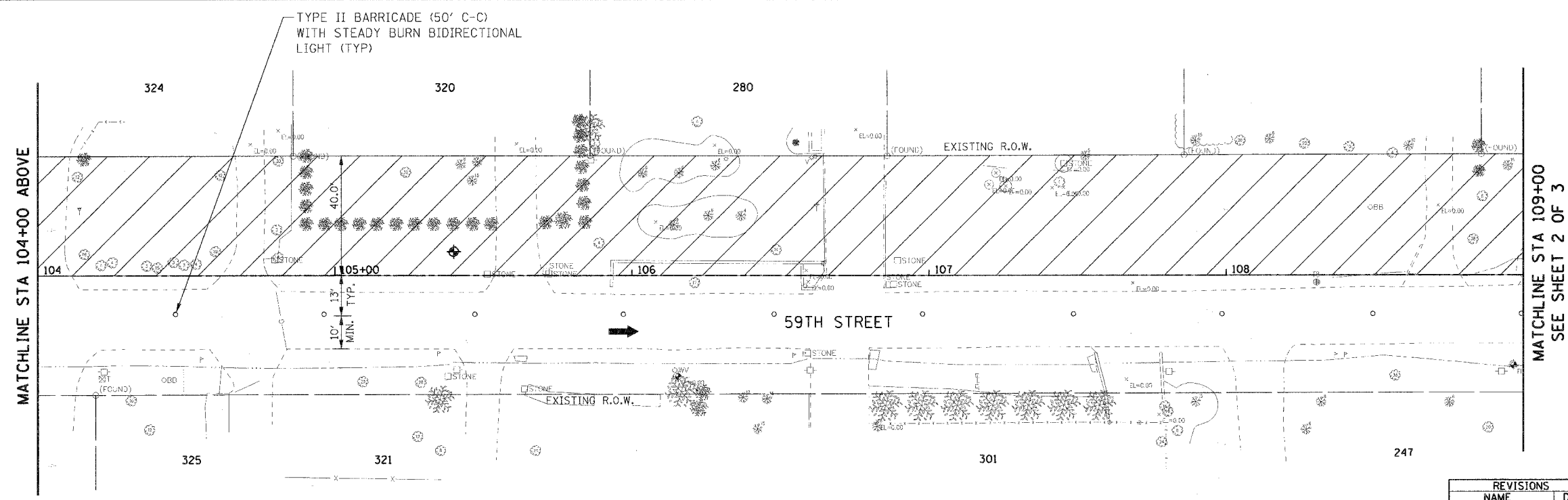
REFER TO DETOUR PLAN FOR DETOUR ROUTE AND SIGNING.

ROAD CLOSED TO THRU TRAFFIC
 R11-2 48" X 30"
 M4-10 48" X 18"



- LEGEND:
- CONSTRUCTION ZONE
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADE
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGNS

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| PROFILE | SURVEYED | BY | DATE |
| NOTE BOOK NO. | LOCATED | | |
| | CHECKED | | |
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| | DATE | | |

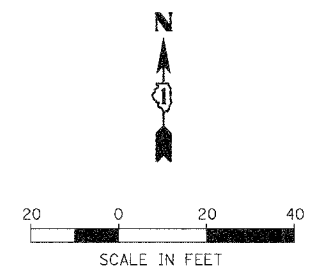
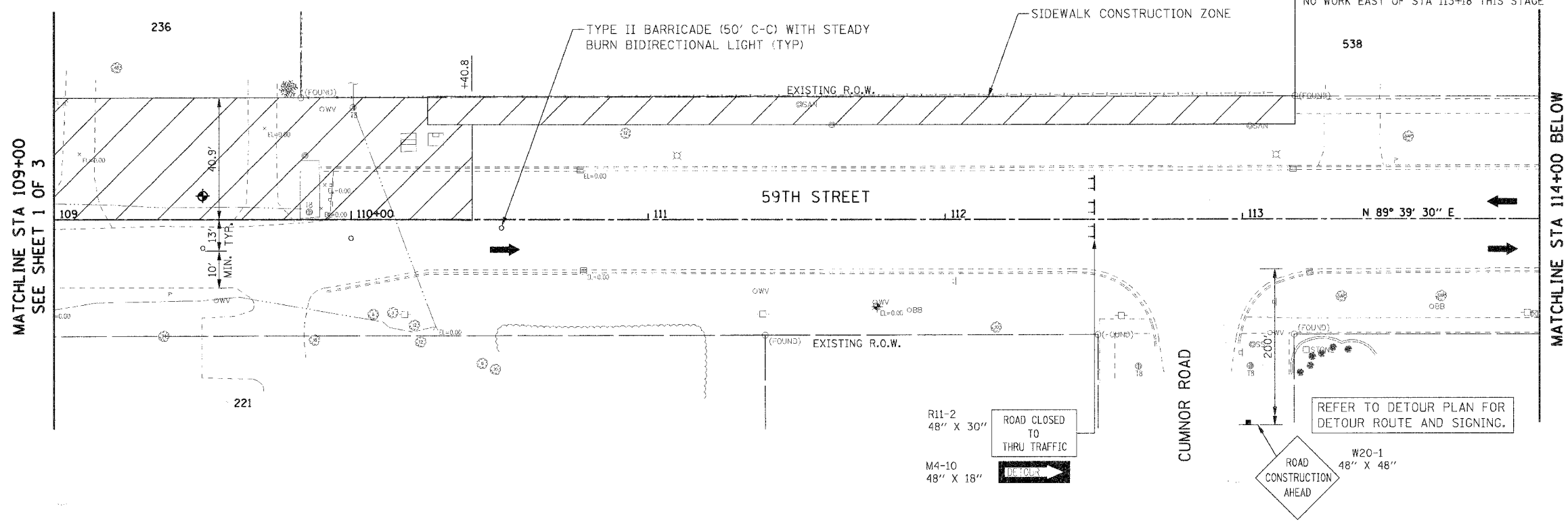


| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION MAINTENANCE OF TRAFFIC, STAGE 1 SHEET 1 OF 2 SCALE: 1"=20' DATE: 09/21/07 DRAWN BY: JMT CHECKED BY: MAP |
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 USER NAME: # USER#

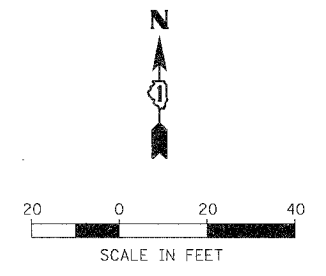
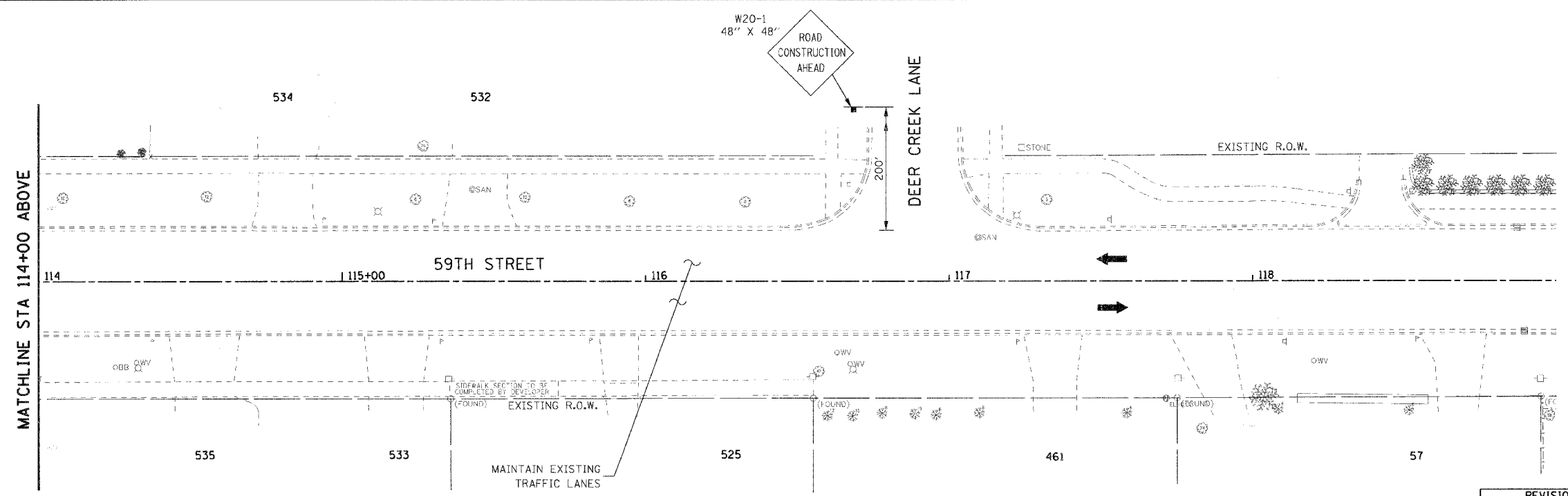
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|---------------------------|----------------|---------------------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 13 |
| STA. 109+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |

| PLAN | SUBMITTED | DATE |
|---------------------|-----------|------------|
| NO. _____ | BY _____ | DATE _____ |
| NOTE BOOK NO. _____ | BY _____ | DATE _____ |
| FILE NAME _____ | BY _____ | DATE _____ |
| USER NAME _____ | BY _____ | DATE _____ |



- LEGEND:**
- CONSTRUCTION ZONE
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADE
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGNS

| PROFILE | SUBMITTED | DATE |
|---------------------|-----------|------------|
| NO. _____ | BY _____ | DATE _____ |
| NOTE BOOK NO. _____ | BY _____ | DATE _____ |
| FILE NAME _____ | BY _____ | DATE _____ |
| USER NAME _____ | BY _____ | DATE _____ |



| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION MAINTENANCE OF TRAFFIC, STAGE 1 SHEET 2 OF 2 SCALE: 1"=20' DATE: 09/21/07 DRAWN BY: JMT CHECKED BY: MAP |
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 PLOT SCALE = #SCALE#
 USER NAME = #USER#

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------|---------------------------|--------------|-----------|
| 1512 | 05-0093-00-WR | DUPAGE | 72 | 14 |
| STA. 100+00 | | TO STA. 109+00 | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| PLAN | SURVEYED | BY | DATE |
| NOTE BOOK | ALIGNED | | |
| NO. | RT. OF WAY CHECKED | | |
| | NO. OF WAYS CHECKED | | |
| | ADD FILE NAME | | |

ADVANCE SIGNING FOR ROAD CLOSURE AND DETOUR ROUTE PER IDOT DISTRICT 1 STD TC21

REFER TO SIGNING PLAN FOR PERMANENT SIGNING

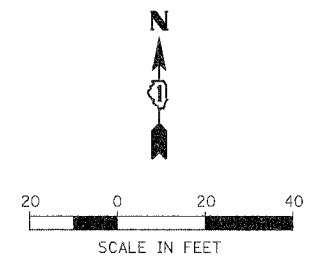
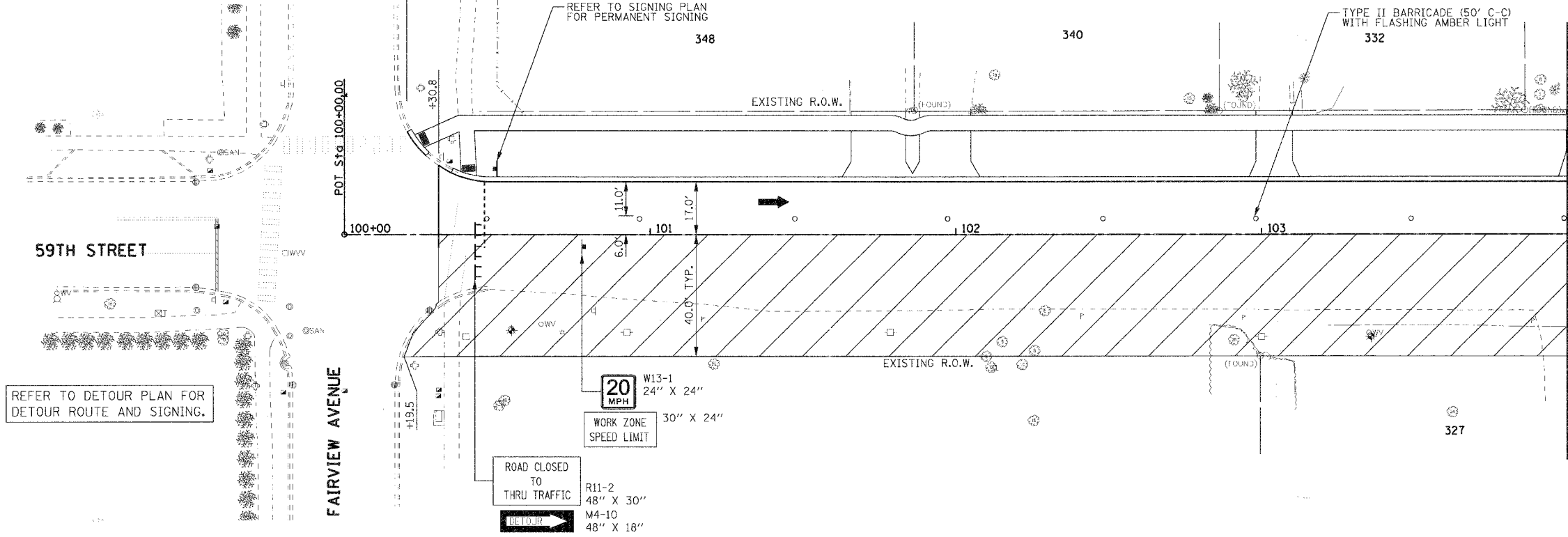
TYPE II BARRICADE (50' C-C) WITH FLASHING AMBER LIGHT

59TH STREET

REFER TO DETOUR PLAN FOR DETOUR ROUTE AND SIGNING.

FAIRVIEW AVENUE

MATCHLINE STA 104+00 BELOW



- LEGEND:
- CONSTRUCTION ZONE
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADE
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGNS

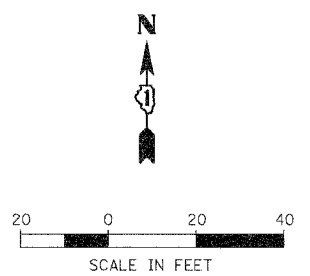
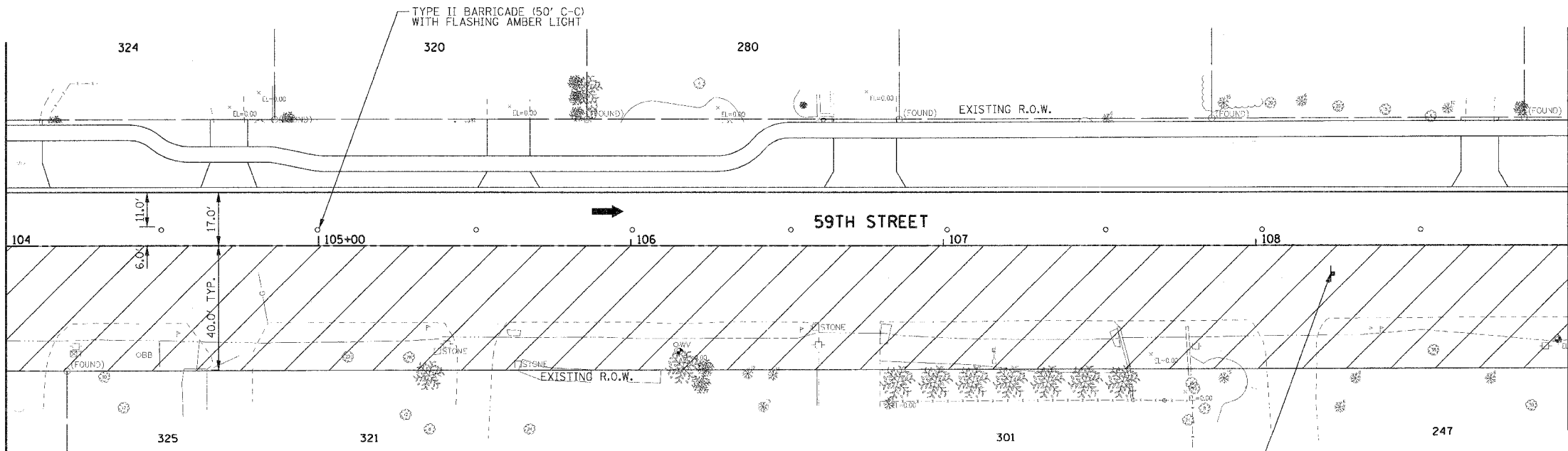
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| PROFILE | SURVEYED | BY | DATE |
| NOTE BOOK | ALIGNED | | |
| NO. | RT. OF WAY CHECKED | | |
| | NO. OF WAYS CHECKED | | |
| | ADD FILE NAME | | |

MATCHLINE STA 104+00 ABOVE

TYPE II BARRICADE (50' C-C) WITH FLASHING AMBER LIGHT

59TH STREET

MATCHLINE STA 109+00
SEE SHEET 2 OF 3



| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION MAINTENANCE OF TRAFFIC, STAGE 2 SHEET 1 OF 3 |
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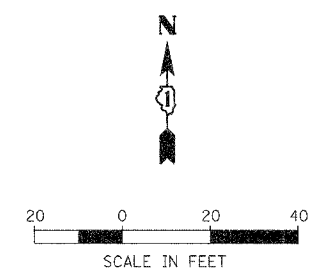
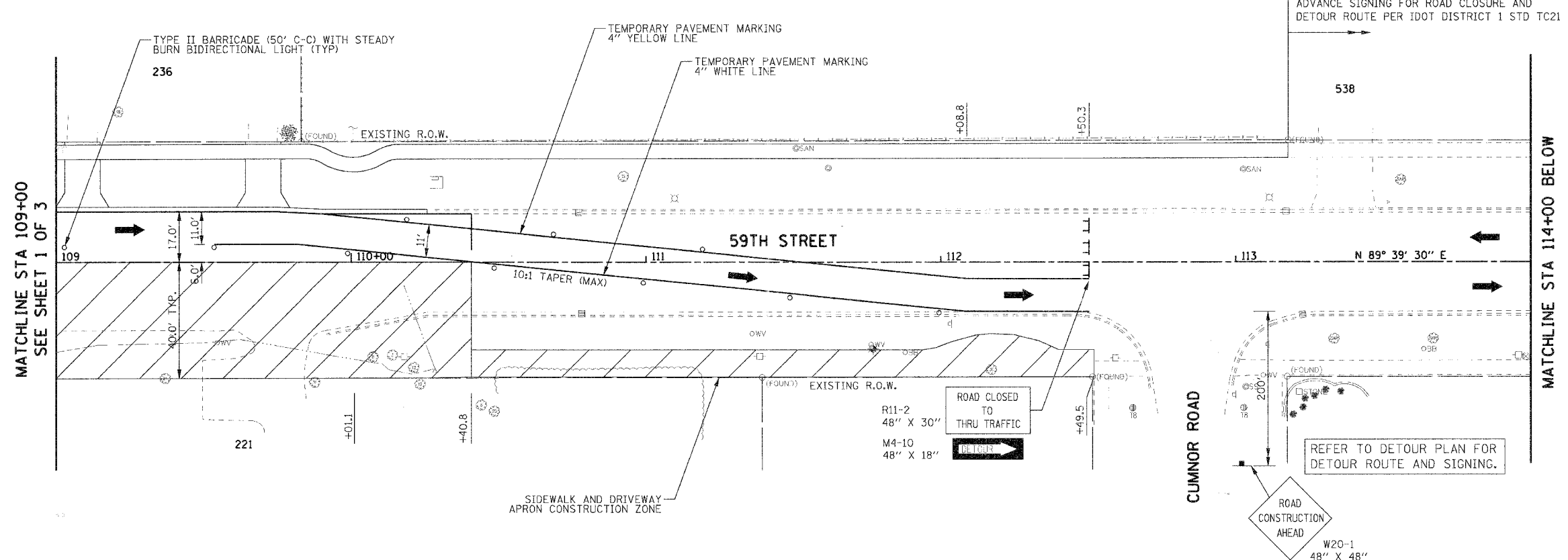
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DATE: 09/21/07

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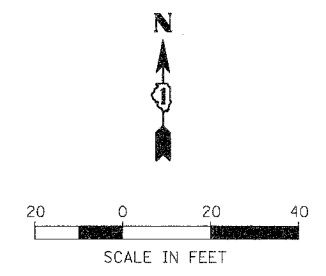
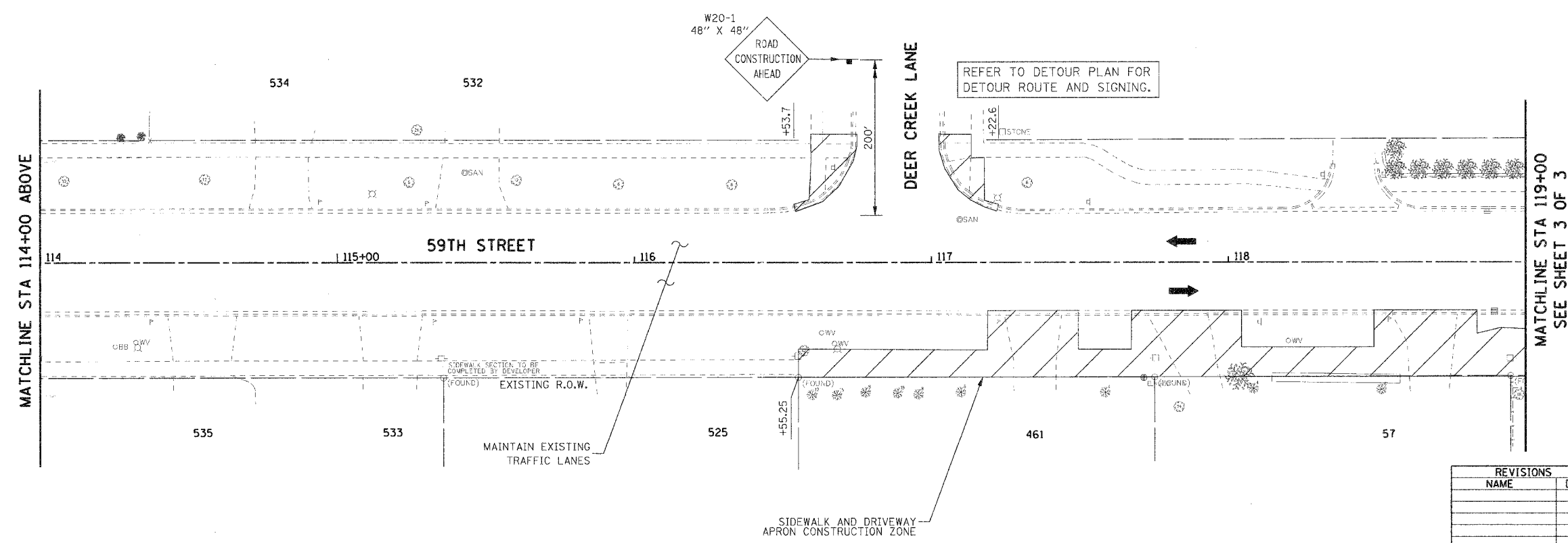
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 15 |
| STA. 109+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | NO. OF WAYS CHECKED | |
| | ADD. FILE NAME | |
| | NO. | |



- LEGEND:
- CONSTRUCTION ZONE
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADE
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGNS

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| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | NO. OF WAYS CHECKED | |
| | STRUCTURE NOTATIONS CHVD | |
| | NO. | |



| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION MAINTENANCE OF TRAFFIC, STAGE 2 SHEET 2 OF 3 |
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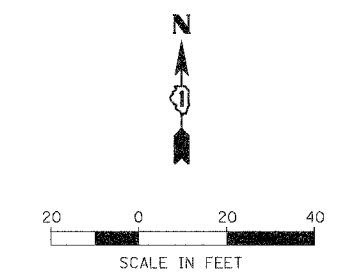
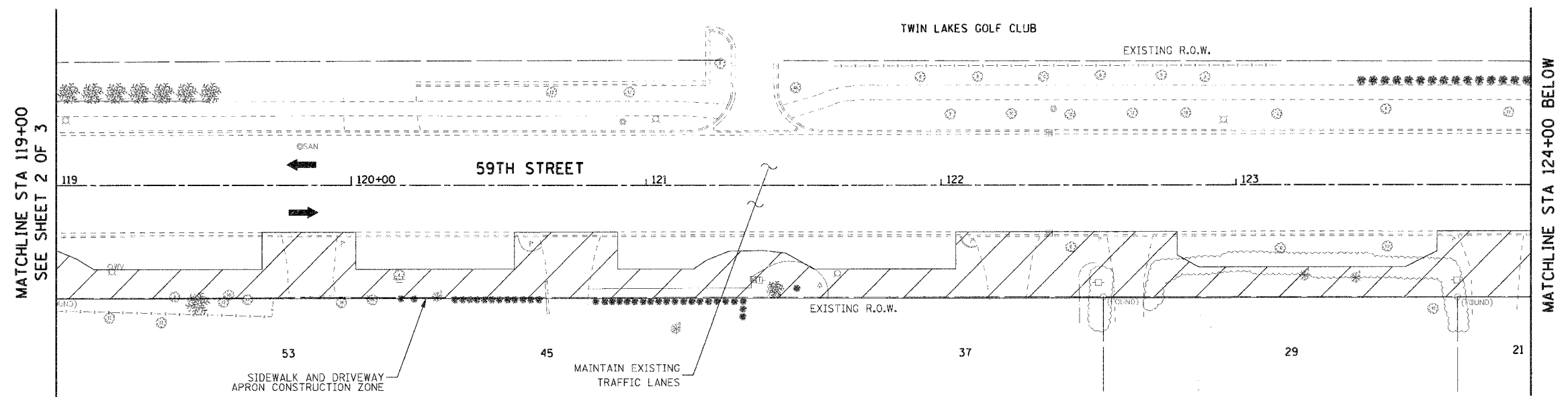
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DATE: 09/21/07

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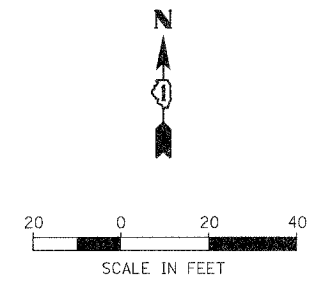
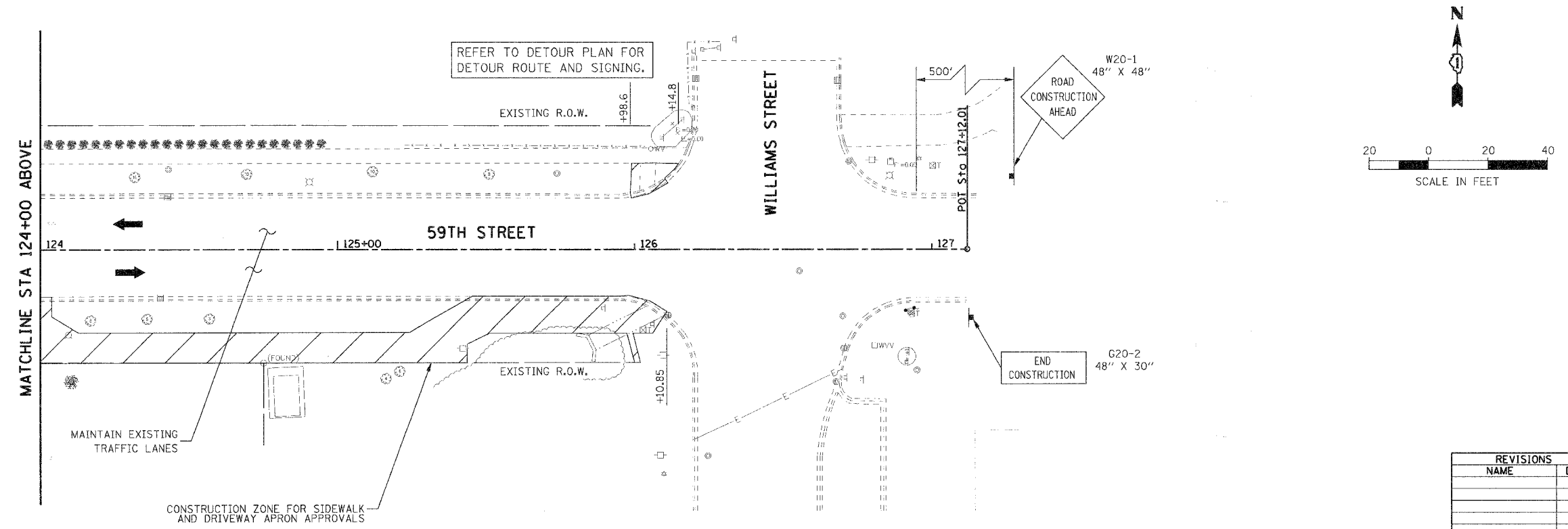
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 16 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| PLAN | SURVEYED | DATE |
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- LEGEND:
- CONSTRUCTION ZONE
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADE
 - TYPE III BARRICADE
 - MAINTENANCE OF TRAFFIC SIGNS

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| | STRUCTURE NOTATIONS OK'D | |
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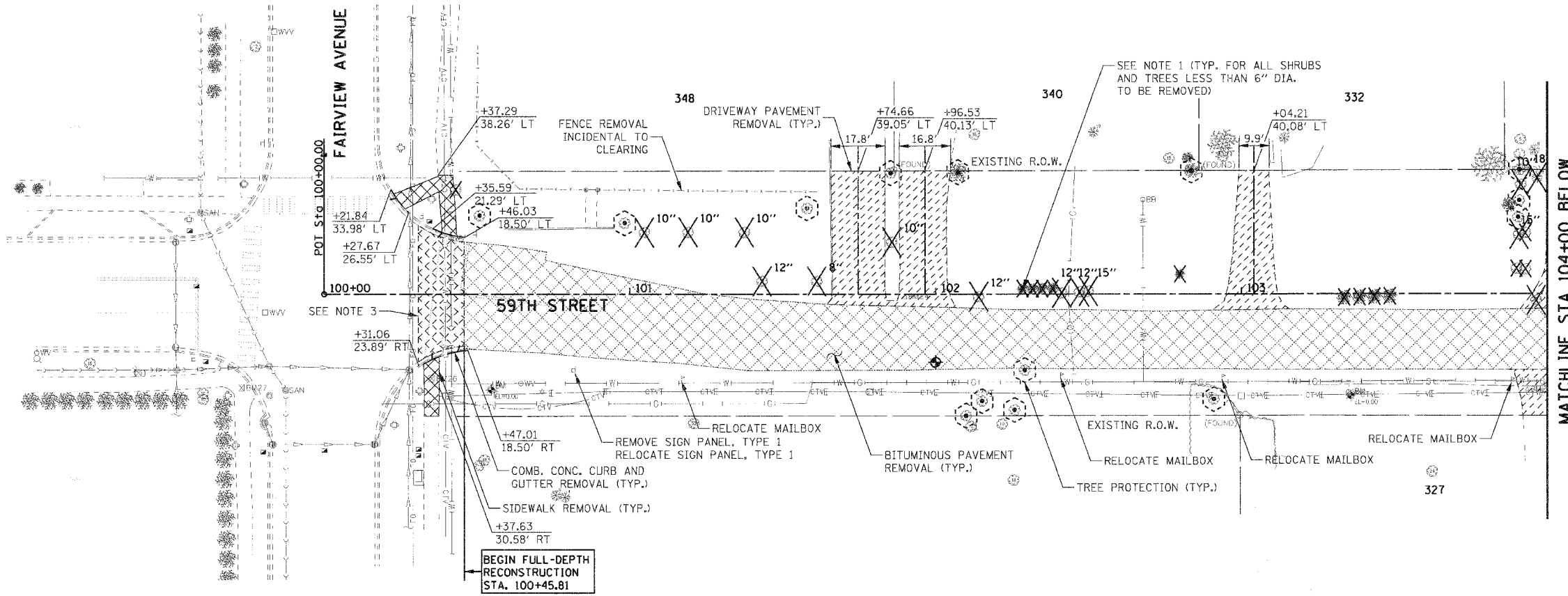
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION MAINTENANCE OF TRAFFIC, STAGE 2 SHEET 3 OF 3 SCALE: 1"=20' DATE: 09/21/07 |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 17 |
| STA. 100+00 | | TO STA. 109+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

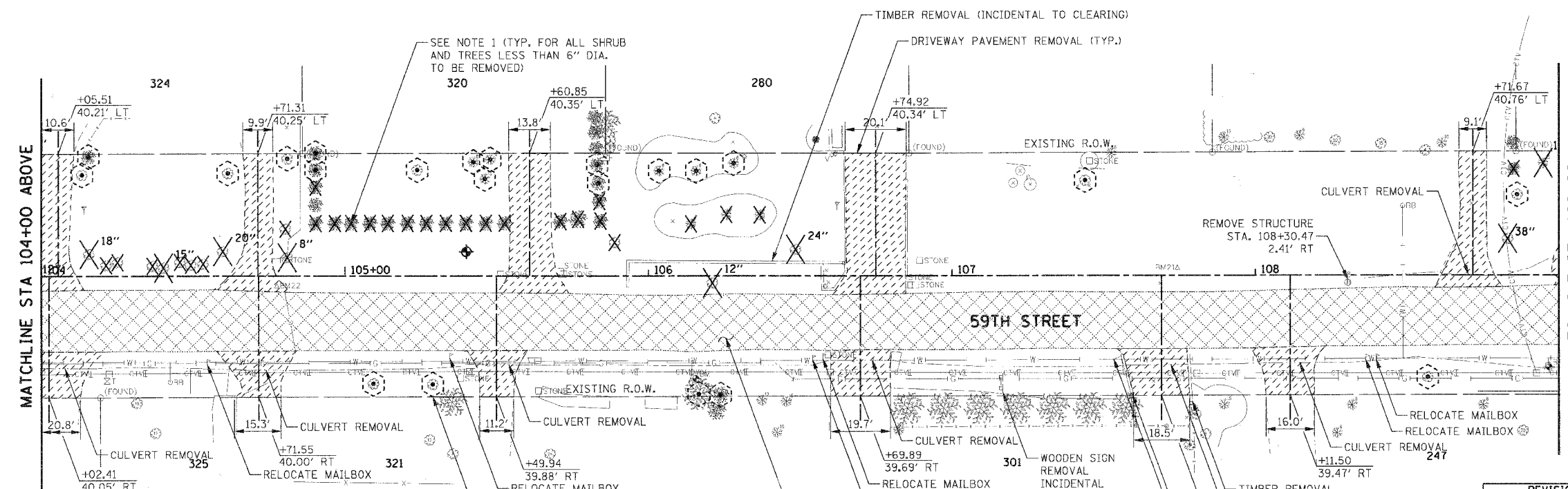
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| PLAN | DATE |
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| RT. OF WAY CHECKED | BY |
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REMOVAL LEGEND:

| | |
|--|---|
| | BITUMINOUS PAVEMENT REMOVAL |
| | SIDEWALK REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL |
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | COMBINATION CURB AND GUTTER REMOVAL |
| | TREE REMOVAL |
| | TREE PROTECTION |
| | SAPLING (LESS THAN 6" DIA.), SHRUB, AND BUSH REMOVAL; CONSIDERED INCIDENTAL TO CLEARING |

| | |
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| PROFILE | DATE |
| SURVEYED | BY |
| PLOTTED | BY |
| CHECKED | BY |
| RT. OF WAY CHECKED | BY |
| STRUCTURE NOTATION CHWD | NO. |



| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION REMOVAL PLAN SHEET 1 OF 3 |
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SCALE: 1"=20'
DATE: 09/21/07

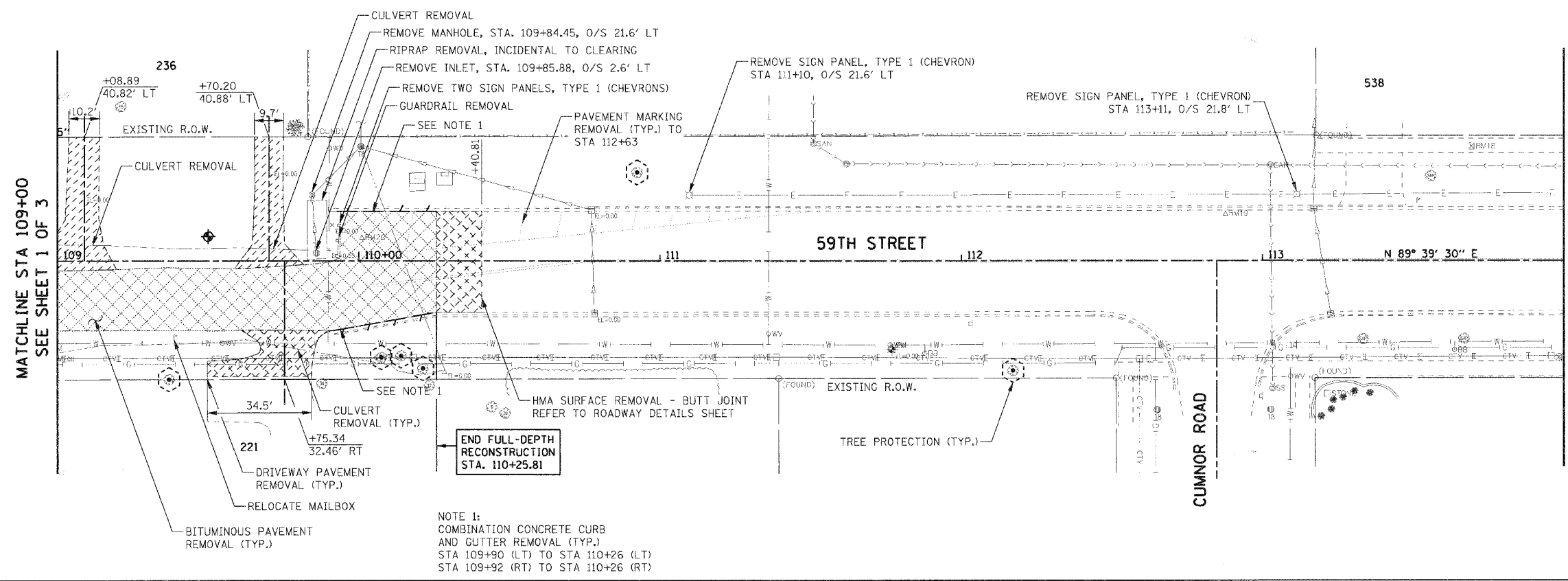
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- NOTE:
- SHRUB REMOVAL AND TREE REMOVAL (LESS THAN 6" DIAMETER) SHALL BE CLEARED AS PART OF SECTION 201 IN THE IDOT STANDARD SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO BUSHES AND TREES THAT SHOULD REMAIN.
 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL WITHIN THE RECONSTRUCTION LIMITS SHALL OCCUR BETWEEN THE EXISTING EDGE OF PAVEMENT TO THE RIGHT-OF-WAY LINE ON THE NORTH AND SOUTH SIDES OF THE ROADWAY.
 - REFER TO ROADWAY DETAILS FOR HMA SURFACE REMOVAL - BUTT JOINT.

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PLOT SCALE = 1"=20'
USER NAME = JAL

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 18 |
| STA. 109+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

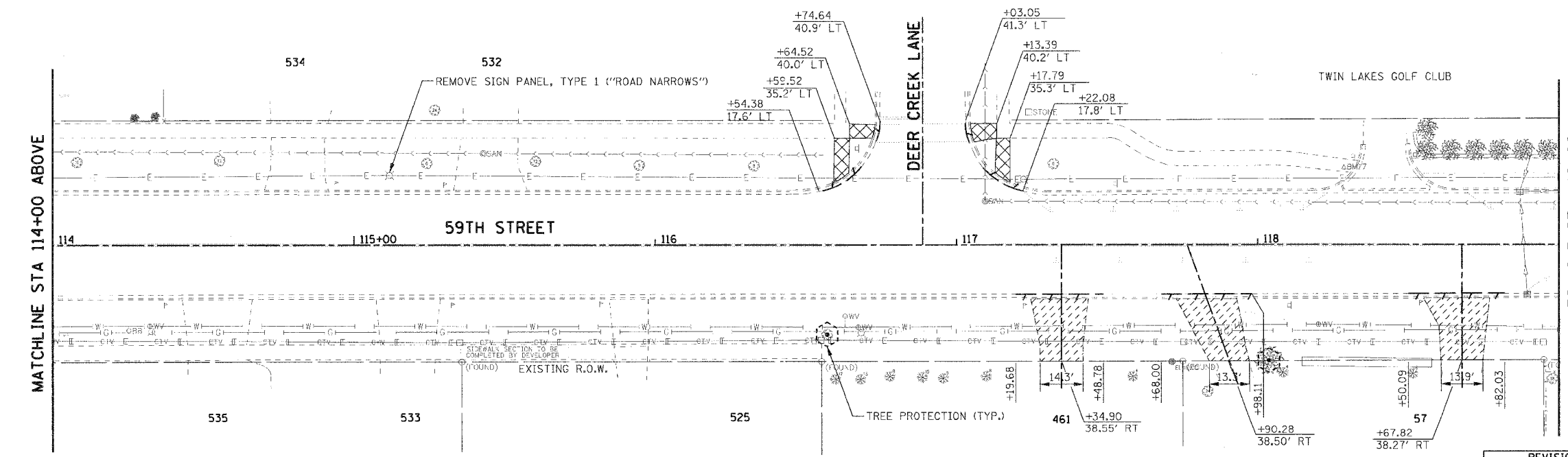
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| | DATE | |



REMOVAL LEGEND:

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|--|---|
| | BITUMINOUS PAVEMENT REMOVAL |
| | SIDEWALK REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL |
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | COMBINATION CURB AND GUTTER REMOVAL |
| | TREE REMOVAL |
| | TREE PROTECTION |
| | SAPLING (LESS THAN 6" DIA.), SHRUB, AND BUSH REMOVAL; CONSIDERED INCIDENTAL TO CLEARING |

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| PROFILE | SURVEYED | DATE |
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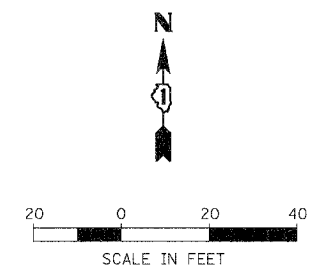
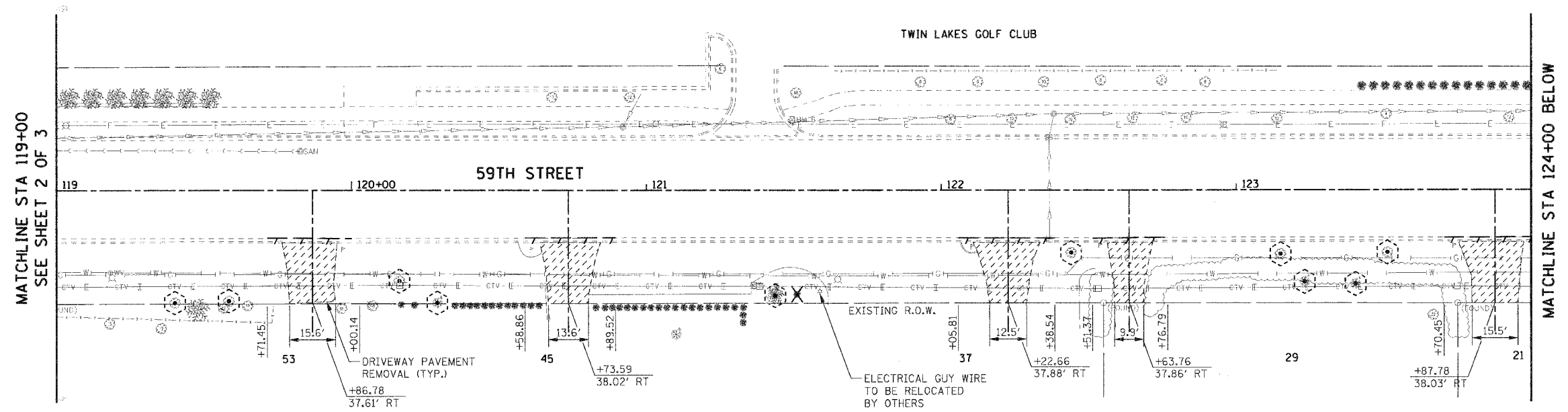
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION REMOVAL PLAN SHEET 2 OF 3 SCALE: 1"=20' DATE: 09/21/07 |
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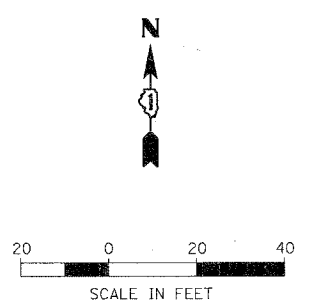
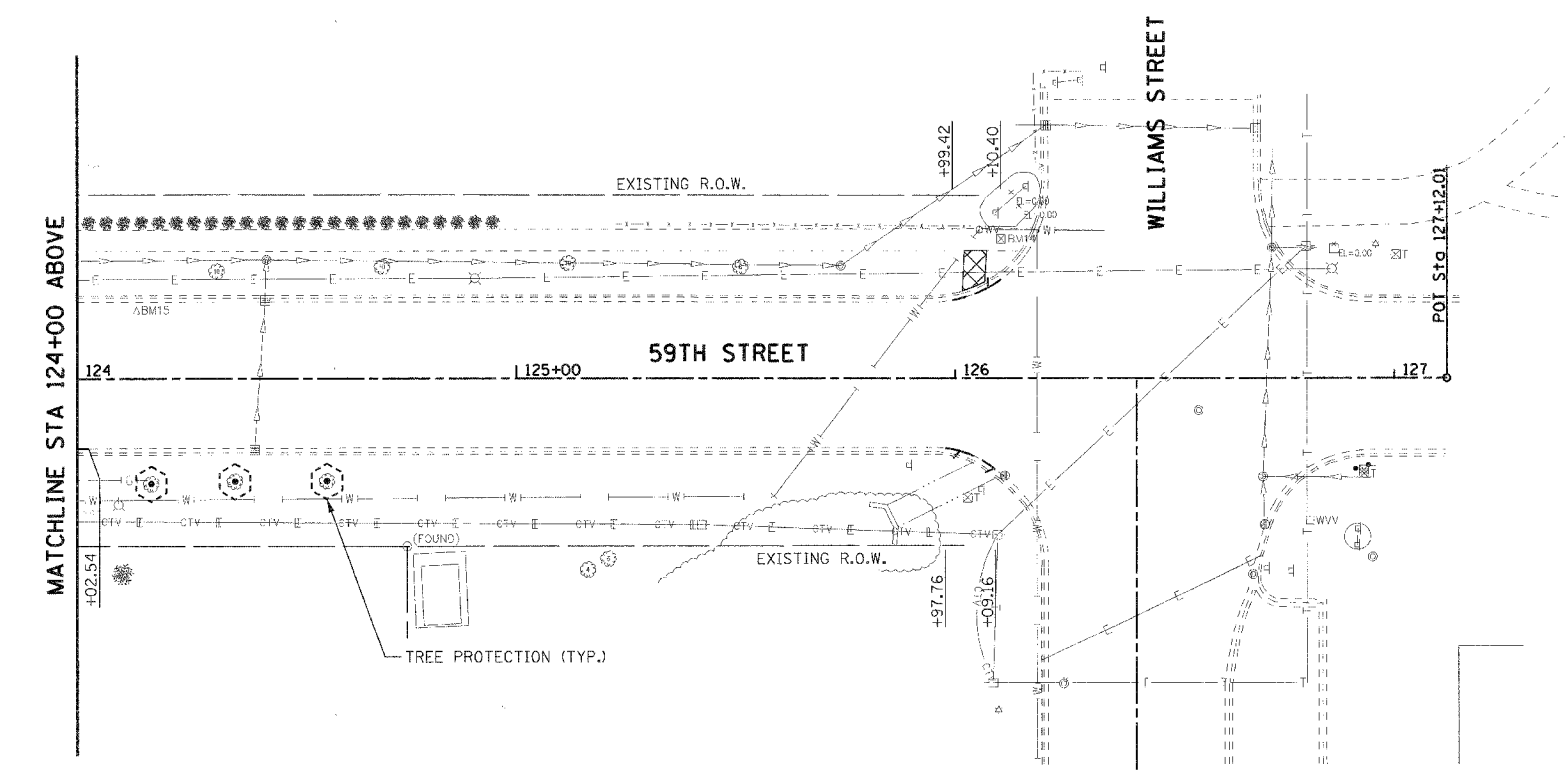
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 CHECKED BY: JMT

| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 19 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

| | | |
|------|--------------------|------|
| PLAN | SURVEYED | DATE |
| | BY | |
| | PLOTTED | |
| | REVISION | |
| | NO. OF WAY CHECKED | |
| | CADD FILE NAME | |
| | NO. | |



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| PROFILE | SURVEYED | DATE |
| | BY | |
| | PLOTTED | |
| | REVISION | |
| | NO. OF WAY CHECKED | |
| | STRUCTURE NOTATIONS CPWD | |
| | NO. | |



- REMOVAL LEGEND:**
- BITUMINOUS PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL - BUTT JOINT
 - COMBINATION CURB AND GUTTER REMOVAL
 - TREE REMOVAL
 - TREE PROTECTION
 - SAPLING (LESS THAN 6" DIA.), SHRUB, AND BUSH REMOVAL; CONSIDERED INCIDENTAL TO CLEARING

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|--|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION REMOVAL PLAN SHEET 3 OF 3 SCALE: 1"=20' DATE: 09/21/07 |
| | | |
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| | | |
| | | |
| | | DRAWN BY: JAL CHECKED BY: JMT |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 20 |
| STA. 100+00 | | TO STA. 104+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

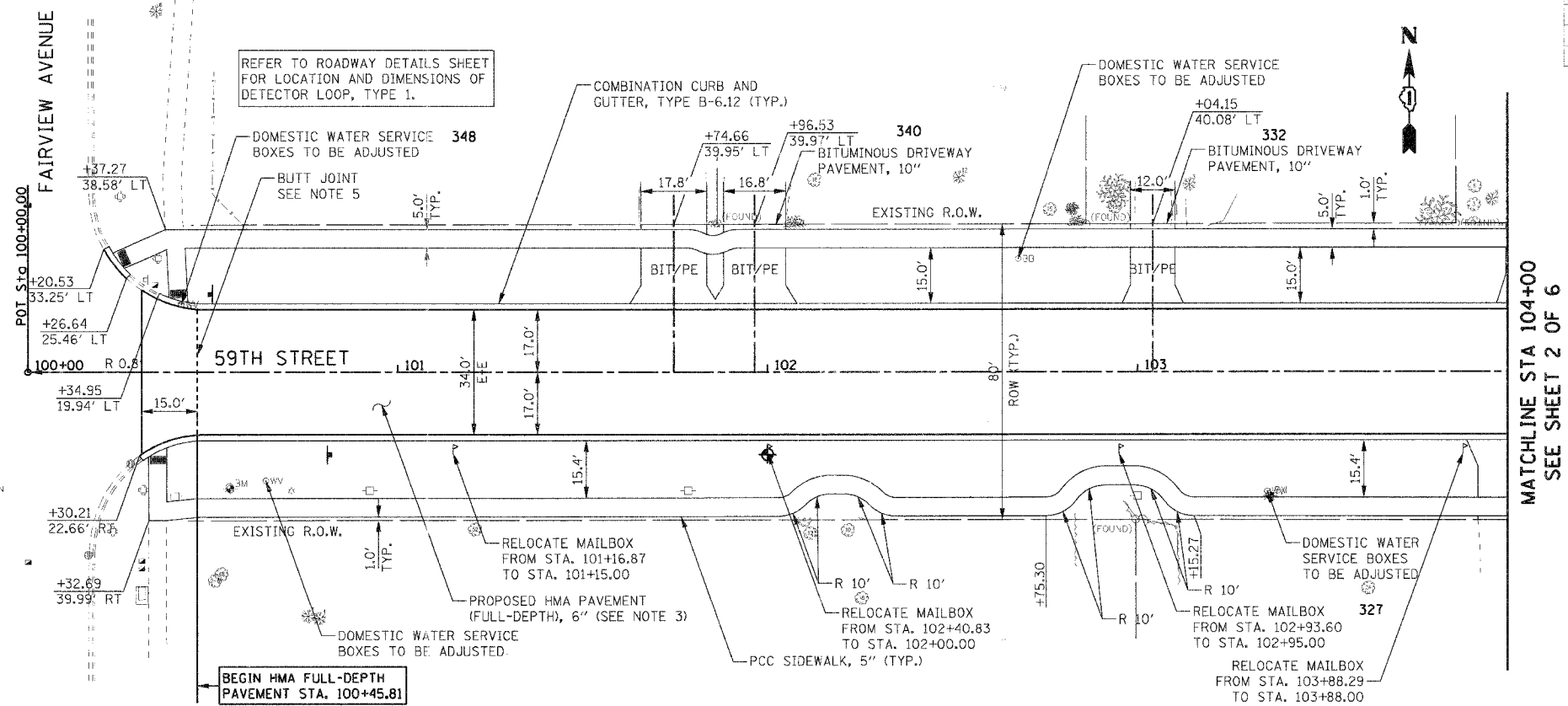
PROPOSED LEGEND:

- DETECTABLE WARNING (FOR ADA RAMPS)
- ▨ BIT/PE EXISTING DRIVEWAY PAVEMENT / DRIVEWAY TYPE

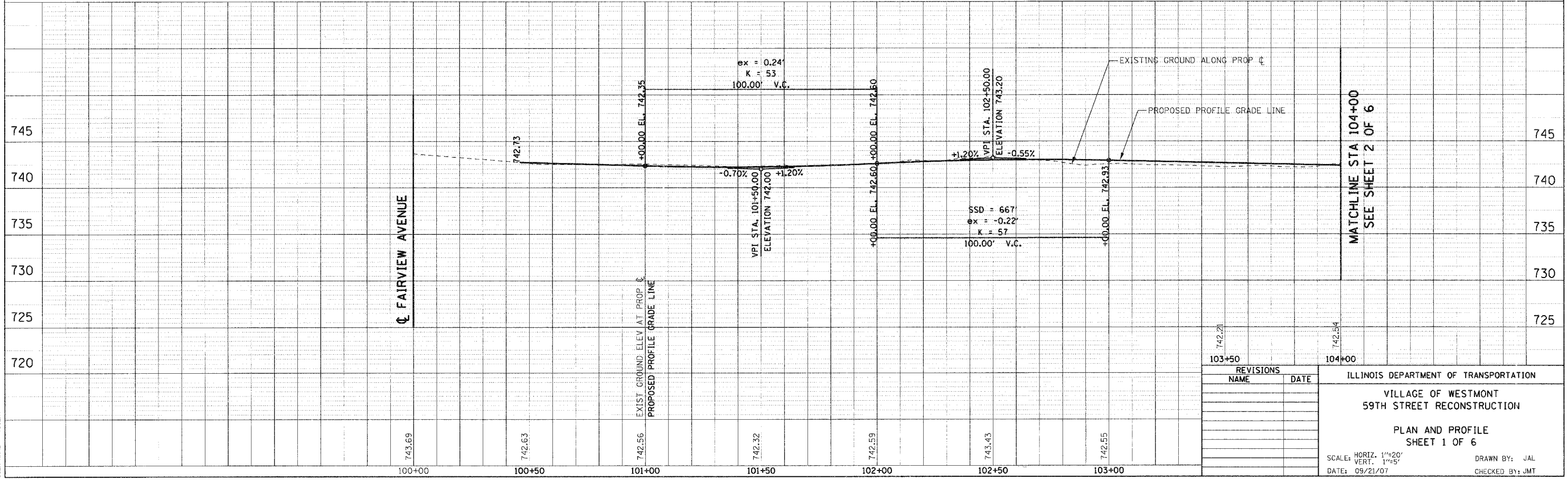
| PLAN | DATE | BY |
|---------------|------|----|
| SURVEYED | | |
| PLOTTED | | |
| REVISIONS | | |
| NOTE BOOK NO. | | |
| FILE NAME | | |
| SCALE | | |
| USER NAME | | |

NOTES:

- CONTRACTOR SHALL REFER TO VILLAGE OF WESTMONT DETAIL DRAWING R-16-1 FOR PROPER PLACEMENT OF RELOCATED MAILBOXES AND DETAIL DRAWING R-7-2 FOR DRIVEWAY DESIGN STANDARDS.
- REFER TO PAVEMENT MARKING AND SIGNING PLAN SHEETS FOR RELOCATED SIGN PANELS AND POSTS.
- REFER TO TYPICAL SECTIONS FOR FULL-DEPTH HMA PAVEMENT COMPOSITION.
- THE PROPOSED SIDEWALK MUST EXTEND THROUGH ALL RESIDENTIAL DRIVEWAYS.
- REFER TO ROADWAY DETAILS FOR PROPOSED BUTT JOINT PAVEMENT.



| PROFILE | DATE | BY |
|---------------|------|----|
| SURVEYED | | |
| PLOTTED | | |
| REVISIONS | | |
| NOTE BOOK NO. | | |
| FILE NAME | | |
| SCALE | | |
| USER NAME | | |



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

VILLAGE OF WESTMONT
59TH STREET RECONSTRUCTION

PLAN AND PROFILE
SHEET 1 OF 6

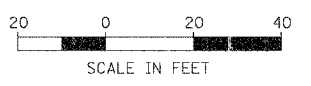
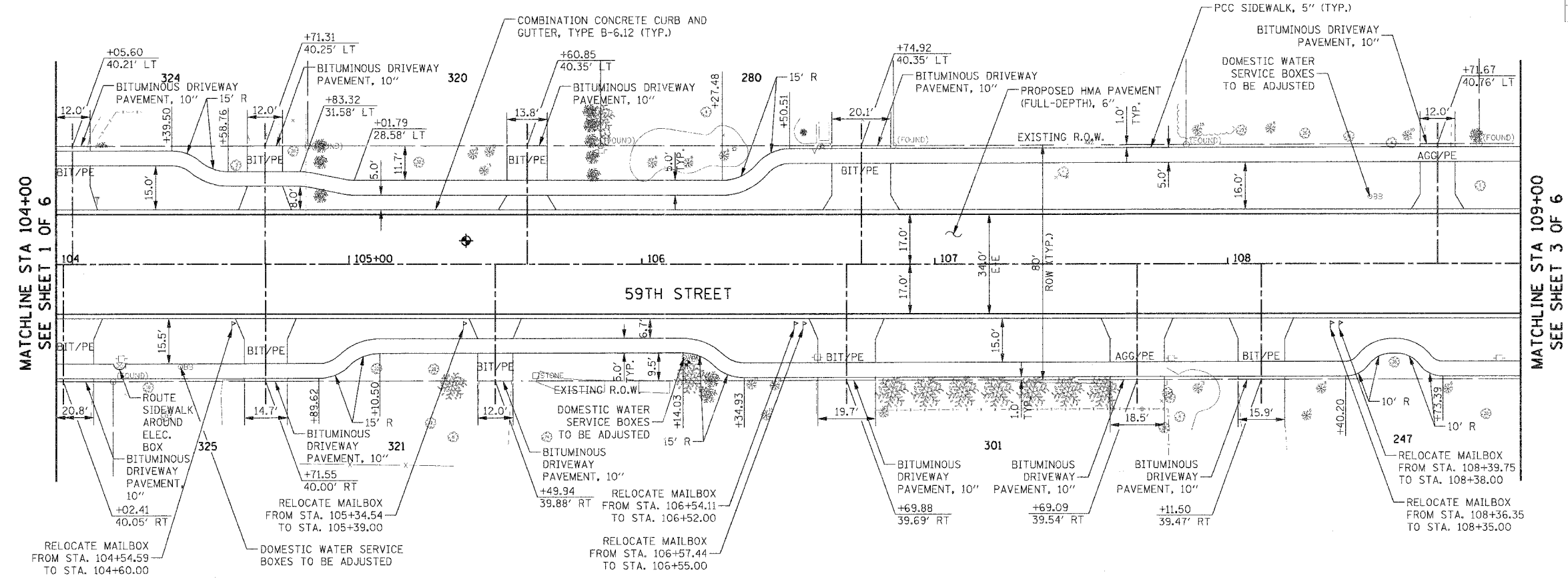
SCALE: HORIZ. 1"=20'
VERT. 1"=5'

DATE: 09/21/07

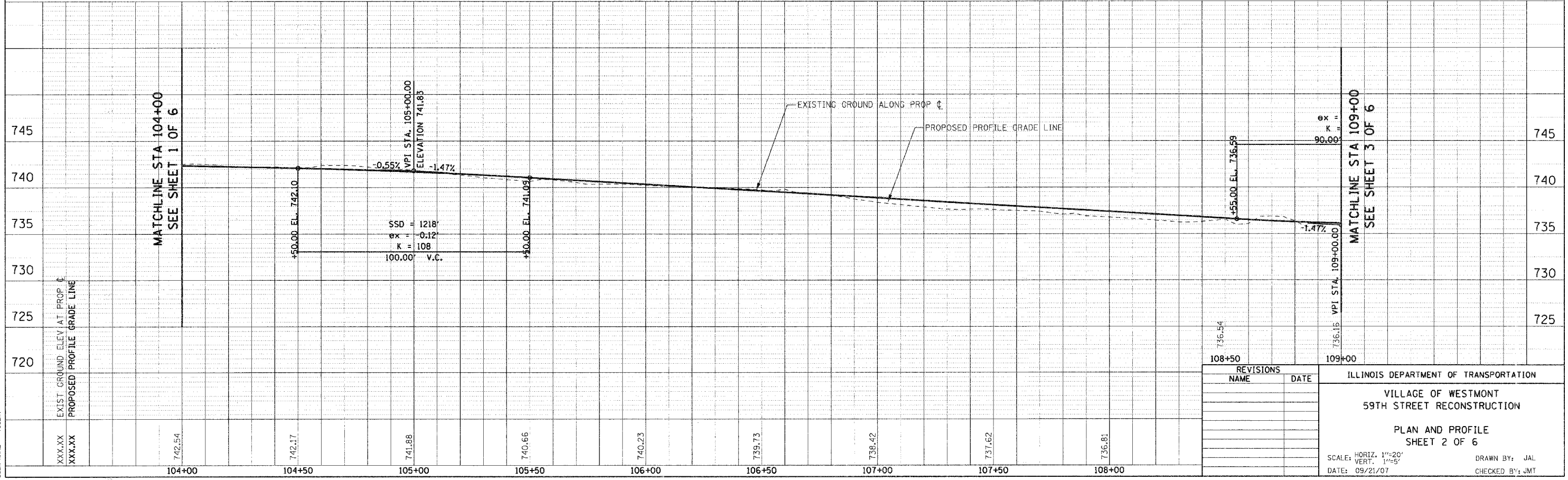
DRAWN BY: JAL
CHECKED BY: JMT

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 21 |
| STA. 104+00 | | TO STA. 109+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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|------|-----------------------|------|
| PLAN | SURVEYED | DATE |
| | BY | |
| | NO. OF SHEETS | |
| | NO. OF SHEETS CHECKED | |
| | DATE CHECKED | |
| | CADD FILE NAME | |



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| PROFILE | SURVEYED | DATE |
| | BY | |
| | NO. OF SHEETS | |
| | NO. OF SHEETS CHECKED | |
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| | CADD FILE NAME | |



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

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF WESTMONT

59TH STREET RECONSTRUCTION

PLAN AND PROFILE

SHEET 2 OF 6

SCALE: HORIZ. 1"=20'
VERT. 1"=5'

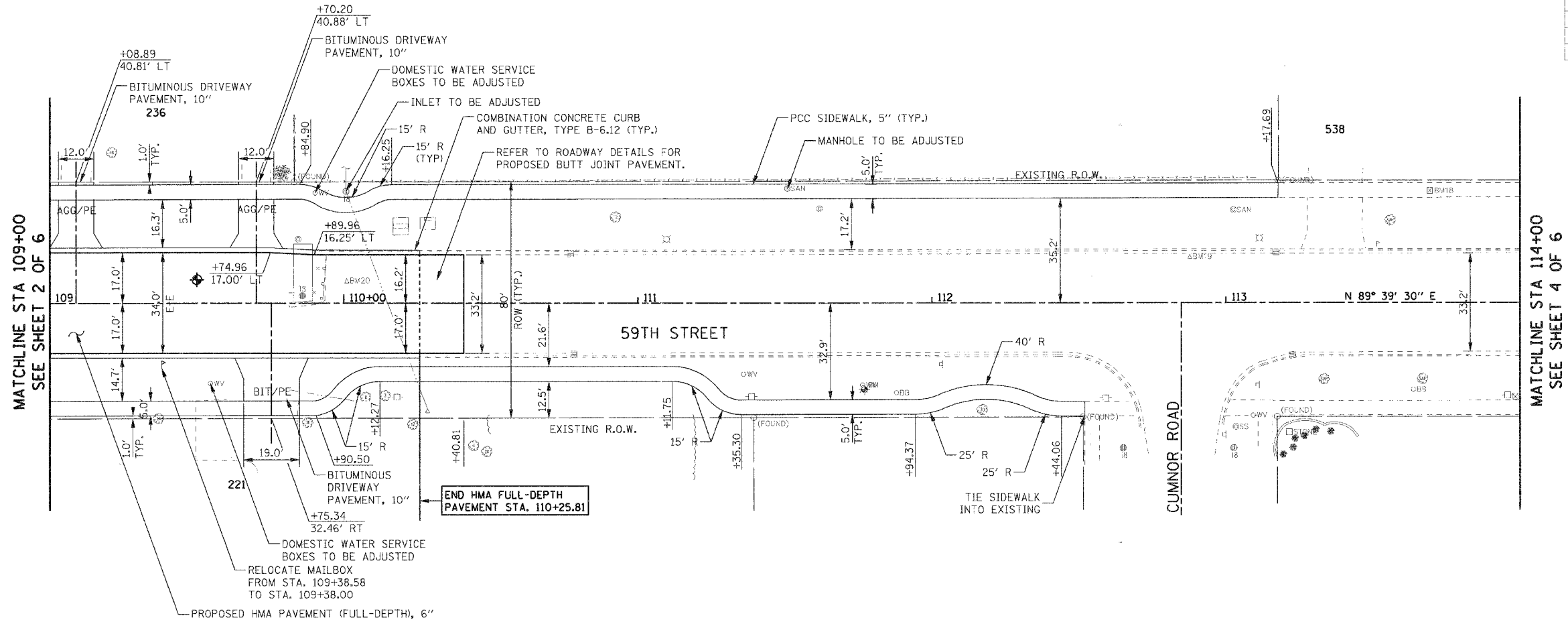
DATE: 09/21/07

DRAWN BY: JAL
CHECKED BY: JMT

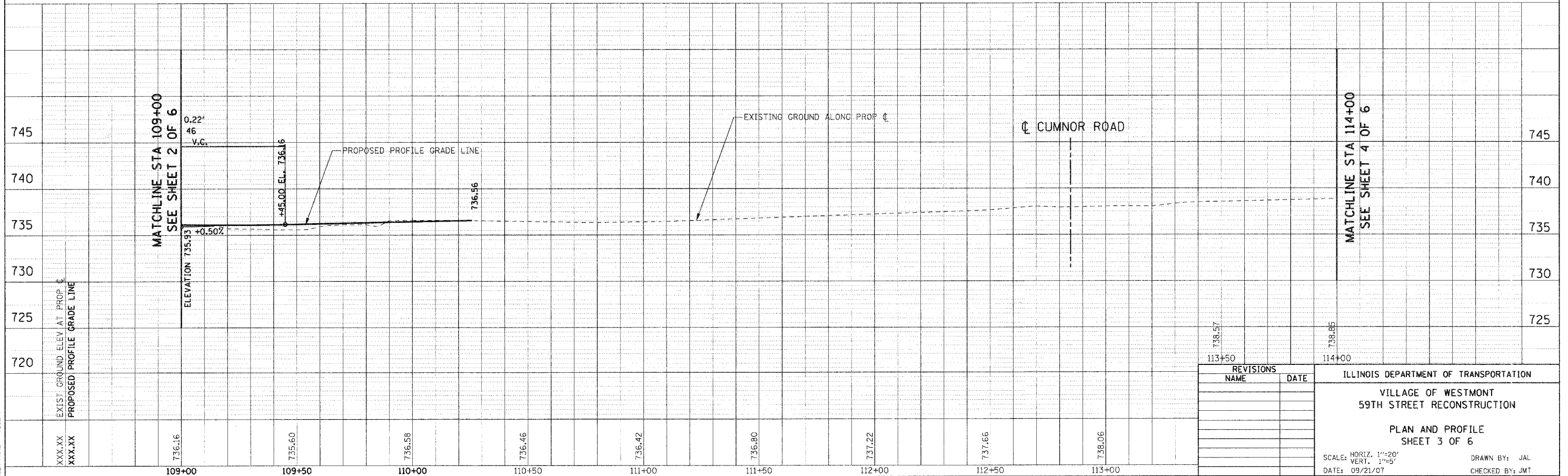
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FILE NAME = 051512.DWG
PLOT SCALE = 1"=20'
USER NAME = JAL

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 22 |
| STA. 109+00 | | TO STA. 114+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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|------|----------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | REV. OF | |
| | BY | |
| | DATE | |
| | NO. | |



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| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | REV. OF | |
| | BY | |
| | DATE | |
| | NO. | |



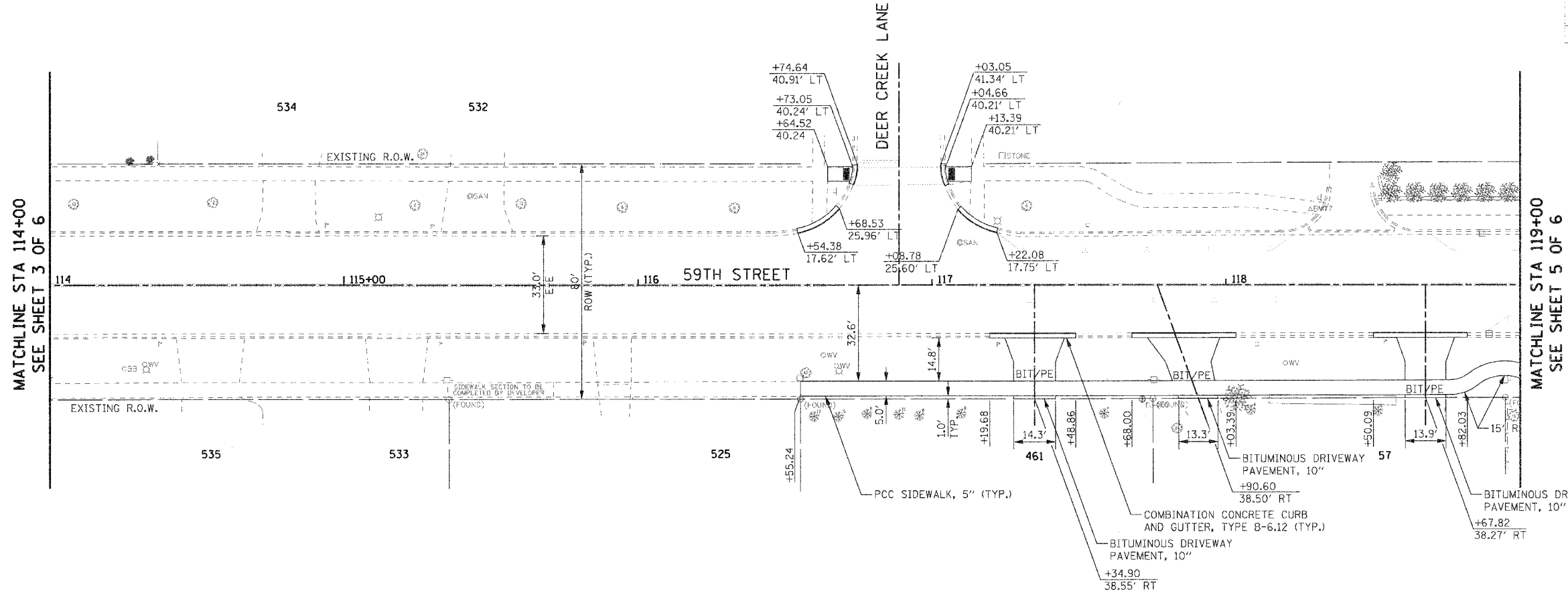
| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WESTMONT
 59TH STREET RECONSTRUCTION
 PLAN AND PROFILE
 SHEET 3 OF 6
 SCALE: HORIZ. 1"=20'
 VERT. 1"=5'
 DATE: 09/21/07
 DRAWN BY: JAL
 CHECKED BY: JMT

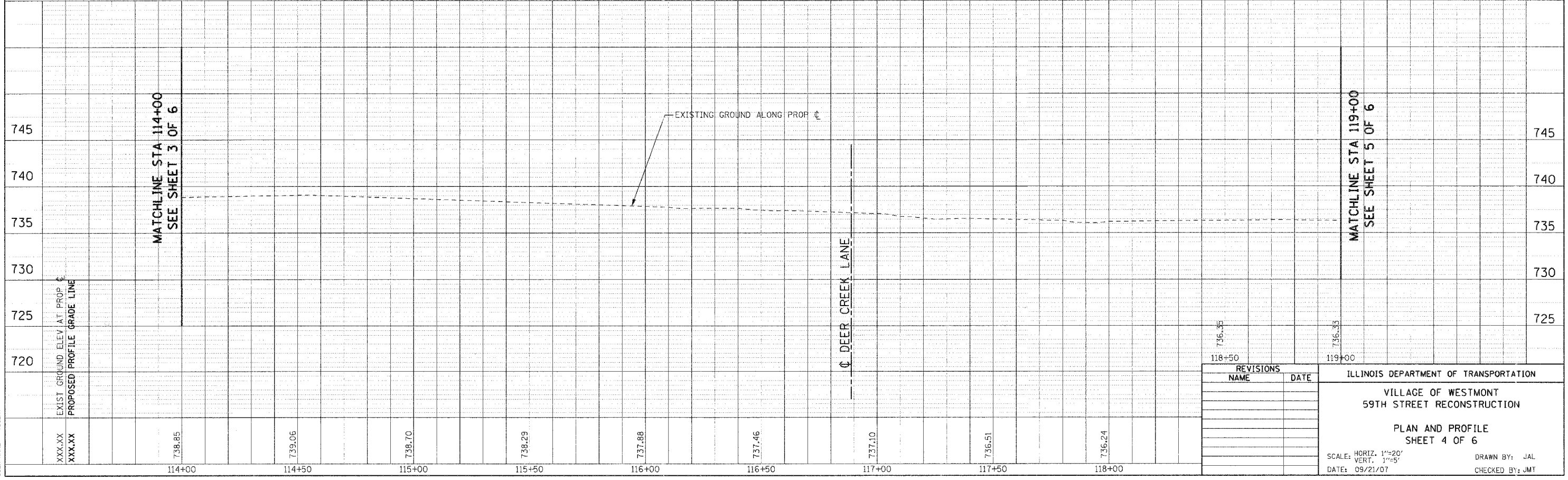
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 PLOT SCALE = #SCALE#
 USER NAME = #USER#

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 23 |
| STA. 114+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| PLAN | SURVEYED | DATE |
| | BY | |
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| | BY | |
| | NOTE BOOK | |
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| PROFILE | SURVEYED | DATE |
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| | DATE | |
| | BY | |



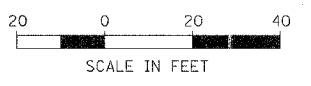
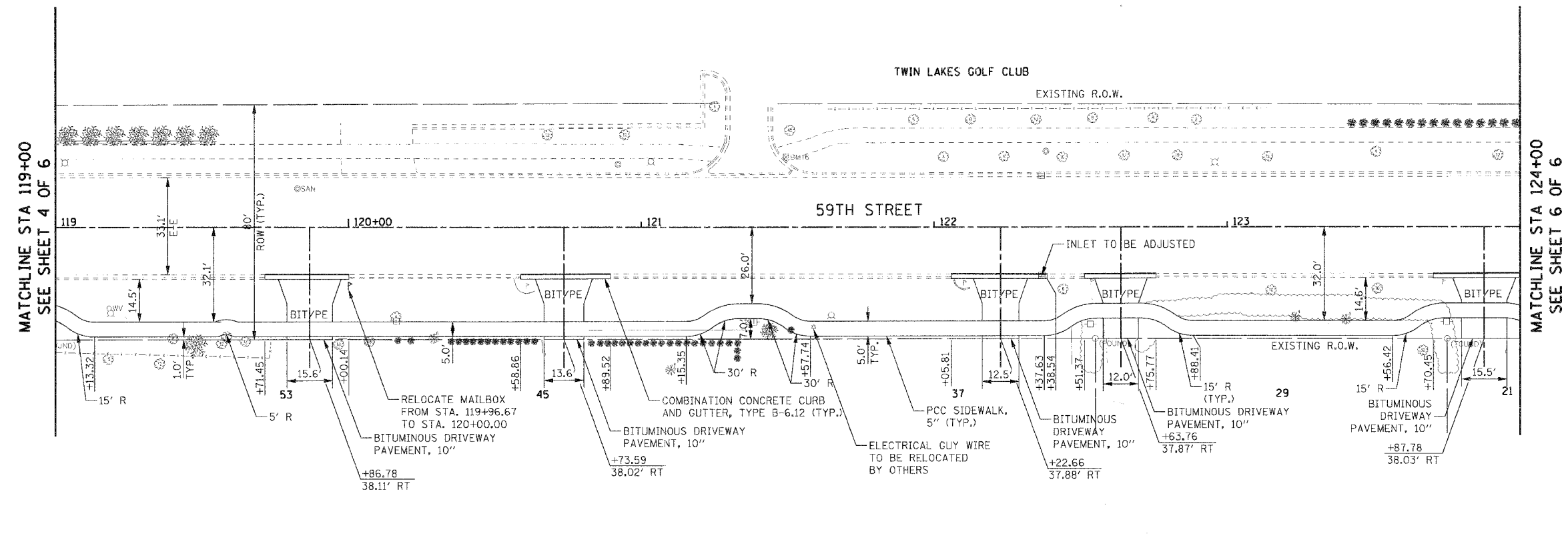
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 FILE NAME: #FILE#
 PLOT SCALE: #SCALE#
 USER NAME: #USER#

| REVISIONS | |
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| NAME | DATE |
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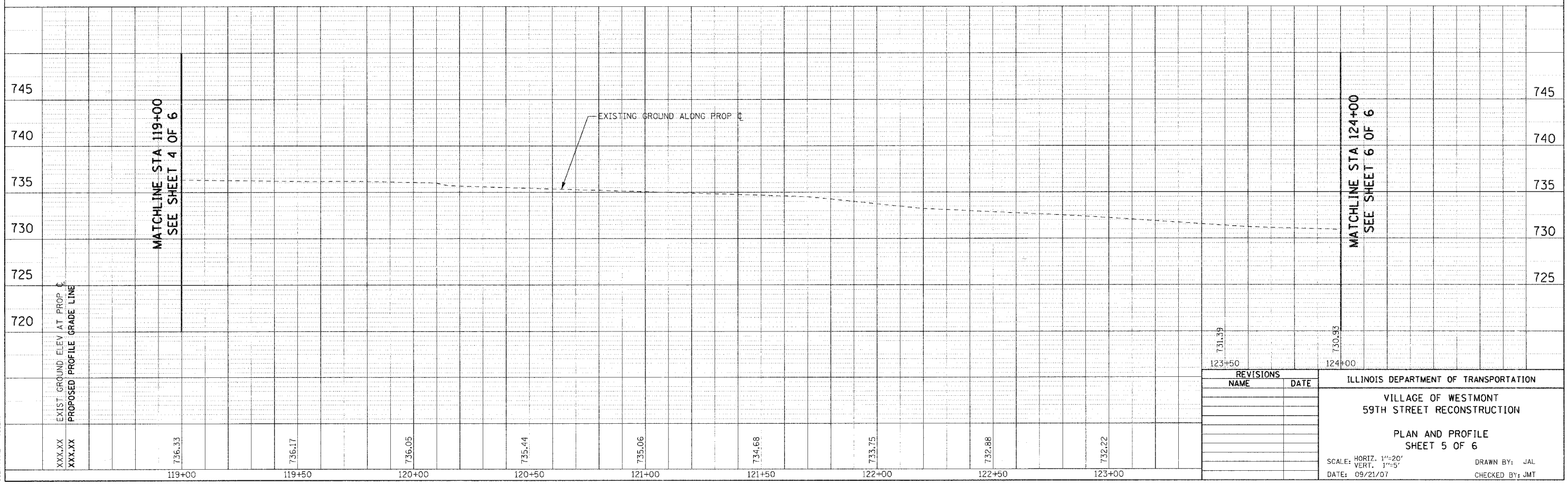
ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WESTMONT
 59TH STREET RECONSTRUCTION
 PLAN AND PROFILE
 SHEET 4 OF 6
 SCALE: HORIZ. 1"=20'
 VERT. 1"=5'
 DATE: 09/21/07
 DRAWN BY: JAL
 CHECKED BY: JMT

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00083-00-WR | DUPAGE | 72 | 24 |
| STA. 119+00 | | TO STA. 124+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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|------|--------------------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | CHECKED | | |
| | NO. OF WAY CHECKED | | |
| | ADD FILE NAME | | |



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

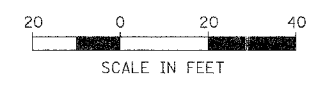


| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WESTMONT
 59TH STREET RECONSTRUCTION
 PLAN AND PROFILE
 SHEET 5 OF 6
 SCALE: HORIZ. 1"=20'
 VERT. 1"=5'
 DATE: 09/21/07
 DRAWN BY: JAL
 CHECKED BY: JMT

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 25 |
| STA. 124+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |



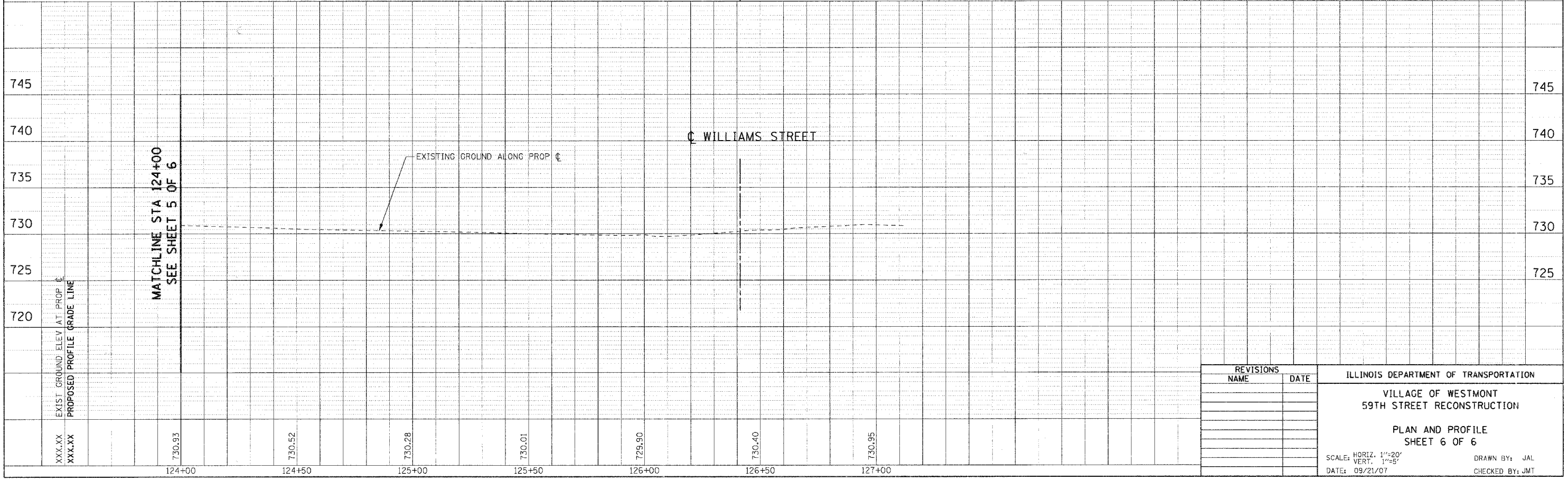
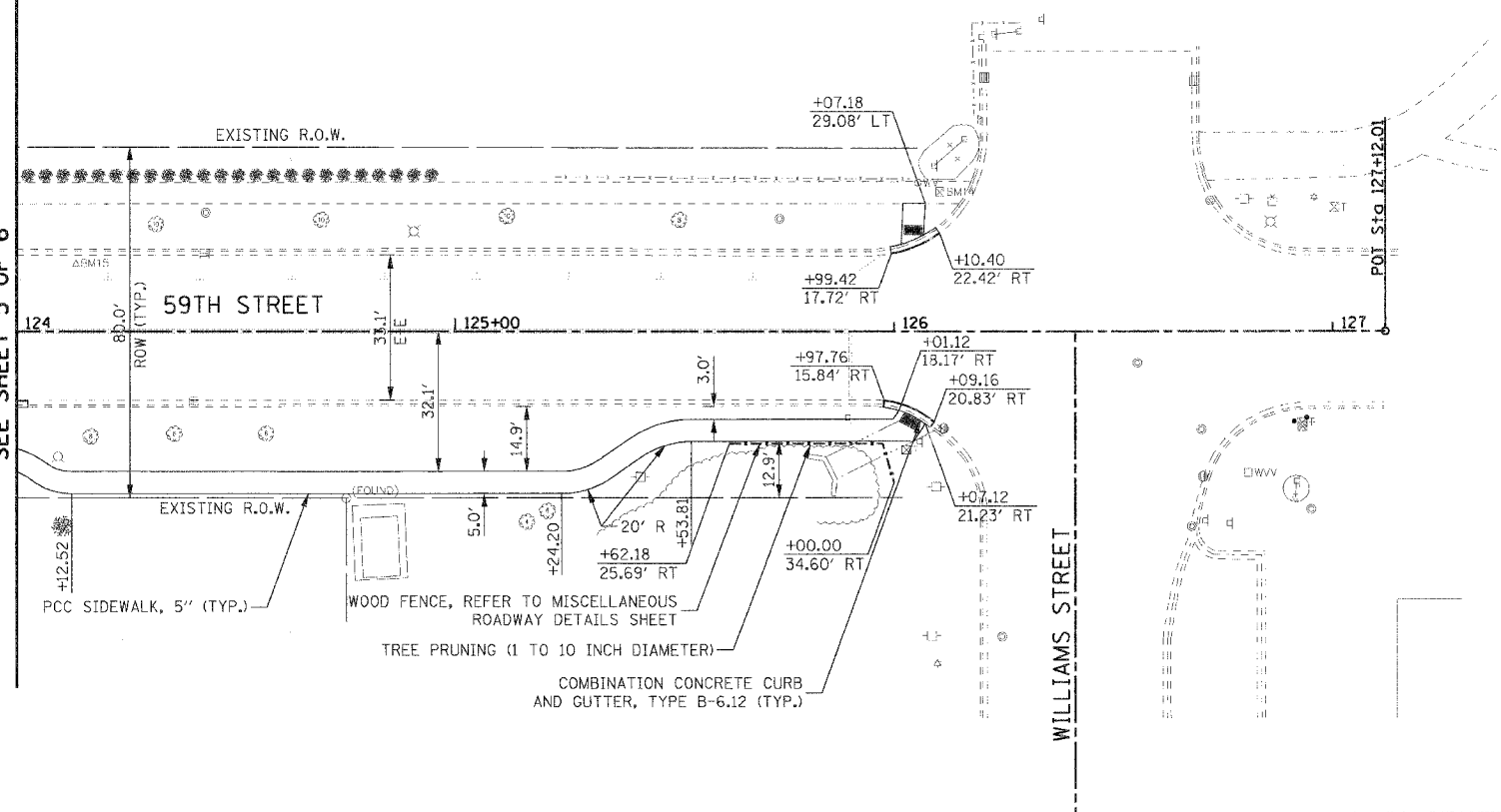
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| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | CHECKED | | |
| | NOTE BOOK | | |
| | NO. OF MAY CHECKED | | |
| | CADD FILE NAME | | |

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| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | CHECKED | | |
| | NOTE BOOK | | |
| | NO. OF MAY CHECKED | | |
| | STRUCTURE NOTATION | | |

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

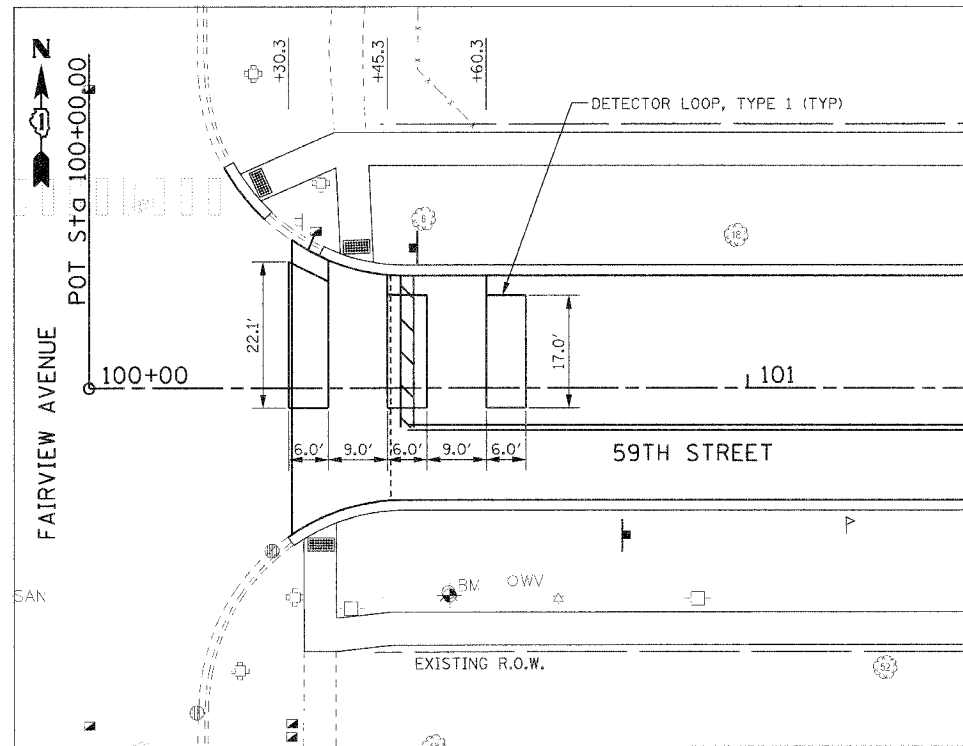
MATCHLINE STA 124+00
SEE SHEET 5 OF 6

MATCHLINE STA 124+00
SEE SHEET 5 OF 6



| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|--|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION PLAN AND PROFILE SHEET 6 OF 6 SCALE: HORIZ. 1"=20' VERT. 1"=5' DATE: 09/21/07 DRAWN BY: JAL CHECKED BY: JMT |
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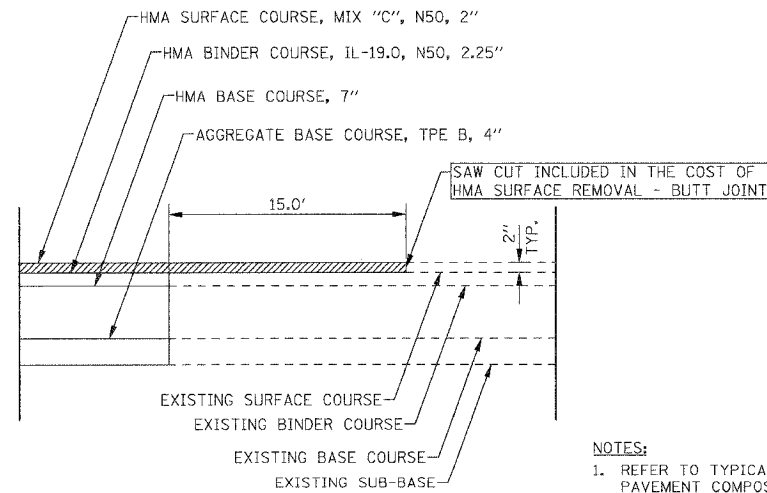
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|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 26 |
| STA. TO STA. | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |



LAYOUT FOR DETECTOR LOOP, TYPE 1

NOT TO SCALE

REFER TO PROPOSED PAVEMENT MARKING PLANS FOR STRIPING DETAILS.

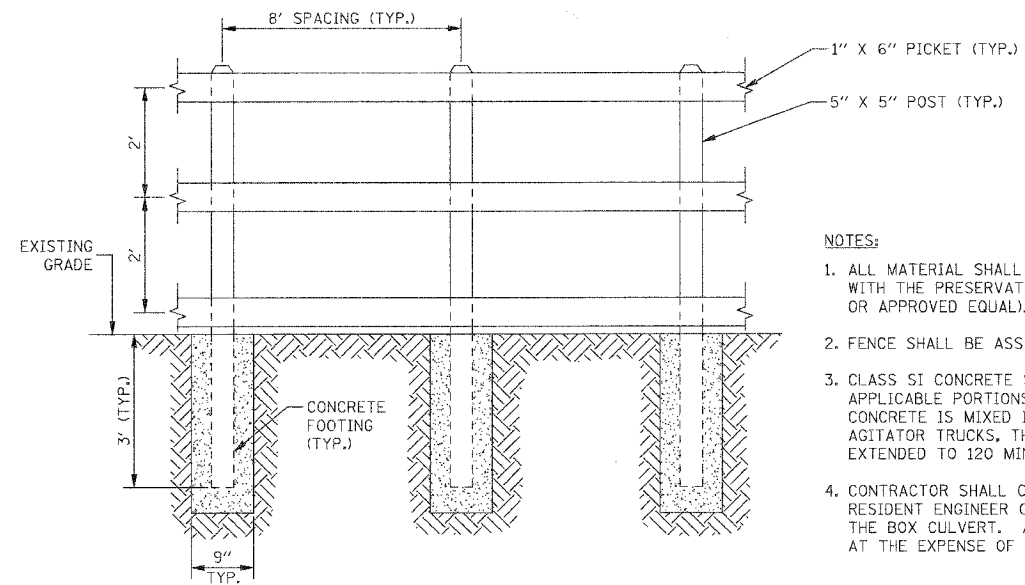


PAVEMENT BUTT JOINT

NOT TO SCALE

NOTES:

- REFER TO TYPICAL SECTIONS FOR ADDITIONAL PAVEMENT COMPOSITION INFORMATION.
- REFER TO REMOVAL AND PROPOSED PLANS FOR LOCATIONS OF BUTT JOINTS.
- SAW CUTS AND MILLING FOR BUTT JOINT IS CONSIDERED INCLUDED IN THE COST FOR HMA SURFACE REMOVAL - BUTT JOINT.

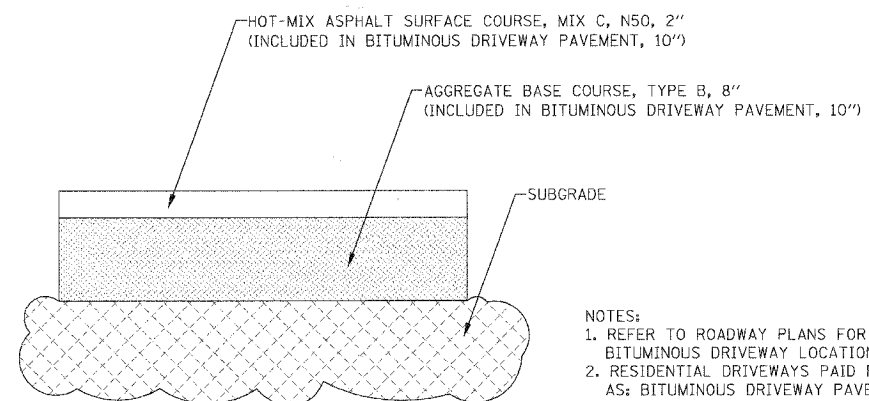


WOOD FENCE

OR AS SPECIFIED BY THE VILLAGE OF WESTMONT
NOT TO SCALE

NOTES:

- ALL MATERIAL SHALL BE SOUTHERN YELLOW PINE IMPREGNATED WITH THE PRESERVATIVE, COPPER NAPHTHENATE (COPPERWOOD OR APPROVED EQUAL).
- FENCE SHALL BE ASSEMBLED BY FACE NAILING.
- CLASS SI CONCRETE SHALL BE USED CONFORMING TO THE APPLICABLE PORTIONS OF SECTION 1020, EXCEPT THAT IF THE CONCRETE IS MIXED IN TRANSIT MIXERS OR TRANSPORTED IN AGITATOR TRUCKS, THE TIME LIMIT FOR UNLOADING IT MAY BE EXTENDED TO 120 MINUTES BY THE ENGINEER.
- CONTRACTOR SHALL COORDINATE WITH THE VILLAGE AND THE RESIDENT ENGINEER ON THE NON-STANDARD POST SPACING OVER THE BOX CULVERT. ANY DAMAGE TO THE BOX CULVERT SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



BITUMINOUS DRIVEWAY
PAVEMENT SECTION

NOT TO SCALE

NOTES:

- REFER TO ROADWAY PLANS FOR BITUMINOUS DRIVEWAY LOCATIONS.
- RESIDENTIAL DRIVEWAYS PAID FOR AS: BITUMINOUS DRIVEWAY PAVEMENT, 10"

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| PLAN | SURVEYED | DATE |
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| | FILE | |
| | NO. | |

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| PROFILE | SURVEYED | DATE |
| | BY | |
| | NOTED | |
| | CHECKED | |
| | NO. OF | |
| | FILE | |
| | NO. | |
| | FILE | |
| | NO. | |

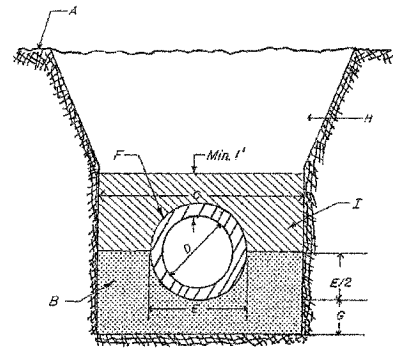
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FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|--|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION MISCELLANEOUS ROADWAY DETAILS |
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SCALE: N.T.S. DRAWN BY: JMT
DATE: 09/21/07 CHECKED BY: AJB

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------|---------------------------|--------------|-----------|
| 1512 | 05-0093-00-WR | DUPAGE | 72 | 27 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |

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|---------------------|------|----|
| PLAN | DATE | BY |
| SURVEYED | | |
| PLOTTED | | |
| NOTED | | |
| FILED | | |
| NO. OF MAN CHECKED | | |
| NO. OF FILE CHECKED | | |
| NO. | | |



| INSIDE PIPE DIAMETER | MINIMUM TRENCH WIDTH (C) | MAXIMUM TRENCH WIDTH (C) |
|----------------------|--------------------------|--------------------------|
| 6" | 18 | 24 |
| 8 | 20 | 24 |
| 10 | 22 | 24 |
| 12 | 26 | 30 |
| 14 | 28 | 36 |
| 15 | 30 | 36 |
| 16 | 33 | 36 |
| 18 | 35 | 40 |
| 21 | 39 | 44 |
| 24 | 44 | 48 |
| 27 | 49 | 54 |
| 30 | 54 | 60 |
| 33 | 59 | 66 |
| 36 | 64 | 72 |

(All Dimensions Are in Inches)

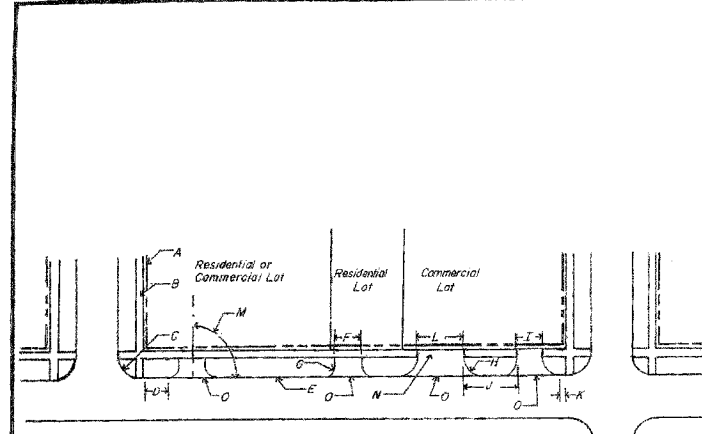
- CONSTRUCTION NOTES**
- Existing Ground or Pavement Subgrade
 - Crushed Stone or Gravel Bedding (C.A.-6 thru C.A.-13)
 - Trench Width at Top of Pipe
 - Inside Diameter of Pipe
 - Outside Diameter of Pipe
 - Pipe, See Notes 1 and 2
 - 4" Min
 - Backfill, See Note 3
 - When PVC Pipe Used, Bedding Material; Otherwise, Same As "H"
- GENERAL NOTES**
- For Storm Sewers, Reinforced Concrete Pipe or Ductile Iron Pipe Shall Normally be Used. Polyvinyl Chloride Pipe May be Used When Installed Under Landscaped Areas, Or Under Pavements When Depth of Cover is a Minimum of 3 Feet, Except That Bedding Material Shall be Placed a Min. of 1 Foot Over the Pipe. Corrugated Metal Pipe May be Used For Driveway Culverts.
 - For Waterlines, Polyvinyl Chloride Pressure Pipe (Johns-Manville "Blue Brute" or Approved Equal) Shall be Used.
 - In Landscaped Areas, Normal Backfill May be Used, if Indicated On The Plans or Instructed by The Village Engineer, Normal Backfill Shall be Jetted in Place.

VILLAGE OF WESTMONT

TRENCH DETAIL

ISSUED: March 1988
REVISED:

DWG. D-1-0



- CONSTRUCTION NOTES**
- Right-of-Way Line
 - Sidewalk
 - 25' Radius Typical
 - 30' Min. From Property Line (near side)
 - Curb Line
 - 20' Max., 9' Min.
 - 5' Radius or 3' Flare
 - 15' Min., 30' Max. Radius
 - One-Way Driveway, See Note 2
 - 30' Min.
 - 20' Min. From Property Line (far side)
 - Two-Way Driveway, See Notes 3 and 4
 - Min. 75'
 - If Driveway has Curbing, Sidewalk Shall be Eliminated Across Driveway. Curb Depresses on Each Side of Sidewalk, and Handicapped Ramps Installed at These Points.
- GENERAL NOTES**
- Driveway Apron Must be Paved With Asphalt or Concrete.
 - One Lane Driveways For Commercial Property Shall be a Max. of 18' Wide, Edge-to-Edge or CurbFace-to-CurbFace.
 - Two Lane Driveways For Commercial Property Shall be a Max. of 30' Wide, Edge-to-Edge or CurbFace-to-CurbFace.
 - Three Lane Driveways For Commercial Property Shall be a Max. of 40' Wide, Edge-to-Edge or CurbFace-to-CurbFace.

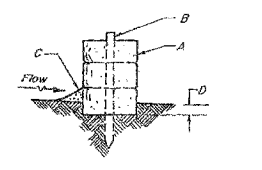
VILLAGE OF WESTMONT

CURB CUTS

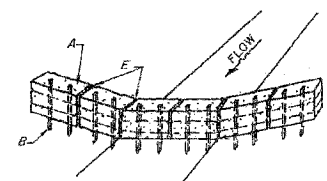
ISSUED: March 1988
REVISED: April 1988
August 2003

DWG. R-5-2

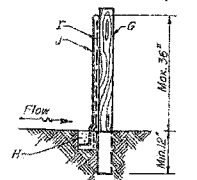
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| PROFILE | DATE | BY |
| SURVEYED | | |
| PLOTTED | | |
| NOTED | | |
| FILED | | |
| NO. OF MAN CHECKED | | |
| NO. OF FILE CHECKED | | |
| NO. | | |



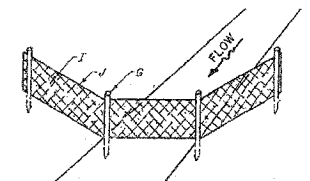
CROSS-SECTION



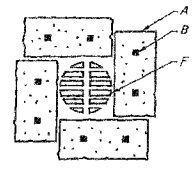
STRAW BALE BARRIER



CROSS-SECTION



SYNTHETIC FILTER BARRIER



STRAW BALE BARRIER AT STORM DRAIN

- If after repeated failures on the part of the Contractor to properly control erosion, pollution, and/or siltation, the Village reserves the right to effect necessary corrective measures and charge any costs to the Contractor.

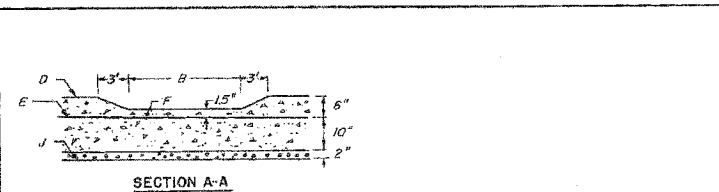
- CONSTRUCTION NOTES**
- Straw Bales, See Note 2
 - 2" x 2" Hardwood Slakes or Rebars, 3' Long
 - Compacted Backfill
 - 4" Min. Depth Trench
 - Packed Straw
 - Storm Gate w/ Filter Fabric between Frame and Lid
 - 4" Dia. Wood or L33 lb/ft Steel Post, Min. 5' Long, Max. 10' Spacing
 - 4" x 4" Trench, Backfilled with Compacted Soil
 - Wire Mesh Fencing, See Note 3
 - Synthetic Filter Fabric
- GENERAL NOTES**
- For Filter Barrier Considerations, the Drainage Area shall be Limited to 1/2 Acre, Except for Individual Lots where 1 Acre is Acceptable.
 - Straw Bales shall be Placed in a Single Row and Staked with Min. 2 Stakes per Bale. Gaps Between Bales shall be Chinked with Straw. Bales shall be Embedded 4" into the Surface of the Soil.
 - When Using Standard Strength Filter Cloth as the Filter Barrier, Wire Fencing Reinforcement is Required of a Min. 42" in Height, Min. 14 Gauge, Having a Max. Mesh Spacing of 6" and Extending into the Trench a Min. of 2'. When Extra Strength Cloth or Closer Post Spacing (6' or Less) are Used, the Wire Support Fence may be Eliminated, and the Fabric Attached Directly to the Posts.
 - Other Acceptable Erosion Control Measures are the Use of Berms, Sediment Basins, Fiber Mats, Netting, etc., as Approved by the Village Engineer. Erosion Control Measures shall be Continuously Maintained until Permanent Erosion Control Features are Completed.

VILLAGE OF WESTMONT

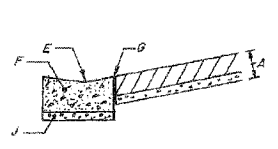
SOIL EROSION CONTROL DETAILS

ISSUED: March 1988
REVISED: April 1999

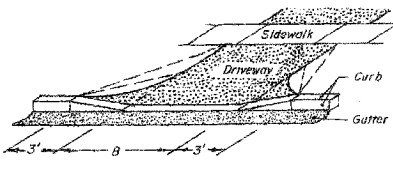
DWG. D-12-1



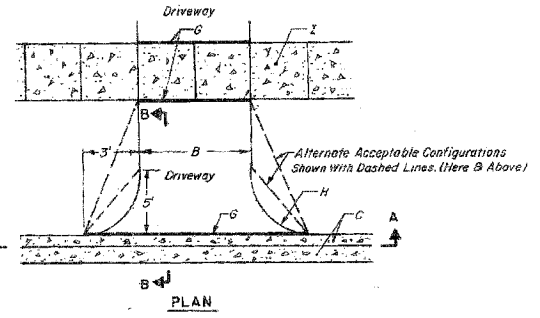
SECTION A-A



SECTION B-B



ISOMETRIC DRAWING



PLAN

- CONSTRUCTION NOTES**
- For Concrete Driveways, Min. 5" P.C.C. Over a Min. 2" Compacted Aggregate Base. For Asphalt Driveways, Min. 2" Bituminous Concrete Over a Min. 8" Compacted Aggregate Base.
 - Min. Width 9' Max. 20'
 - Curb & Gutter
 - Top of Curb
 - Flow Line of Gutter
 - Depressed Type Curb & Gutter
 - 3/4" Expansion Joint Required For Concrete Driveways Only.
 - 5' Radius
 - P.C.C. Sidewalk, See Notes 2 & 3
 - Min. 2" Aggregate Base

GENERAL NOTES

- For Concrete Driveways Wider Than 14', a Contraction Joint Shall be Located Along The Centerline of The Driveway.
- Sidewalk Shall be a Minimum of 5" Thick.
- A Minimum 6-Bag Mix Concrete Shall be Used For Concrete Driveways, Sidewalks, and Curb and Gutter.

VILLAGE OF WESTMONT

RESIDENTIAL DRIVEWAY DETAIL

ISSUED: March 1988
REVISED: August 2002
August 2003

DWG. R-7-2

NOTE:
THE VILLAGE STANDARD DETAILS SHALL BE USED IN CONJUNCTION WITH IDOT STANDARD DETAILS. THE CONTRACTOR AND ENGINEER ARE RESPONSIBLE FOR COORDINATION BETWEEN THE VILLAGE AND THE STATE STANDARDS.

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ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF WESTMONT

59TH STREET RECONSTRUCTION

CONSTRUCTION DETAILS

SHEET 1 OF 2

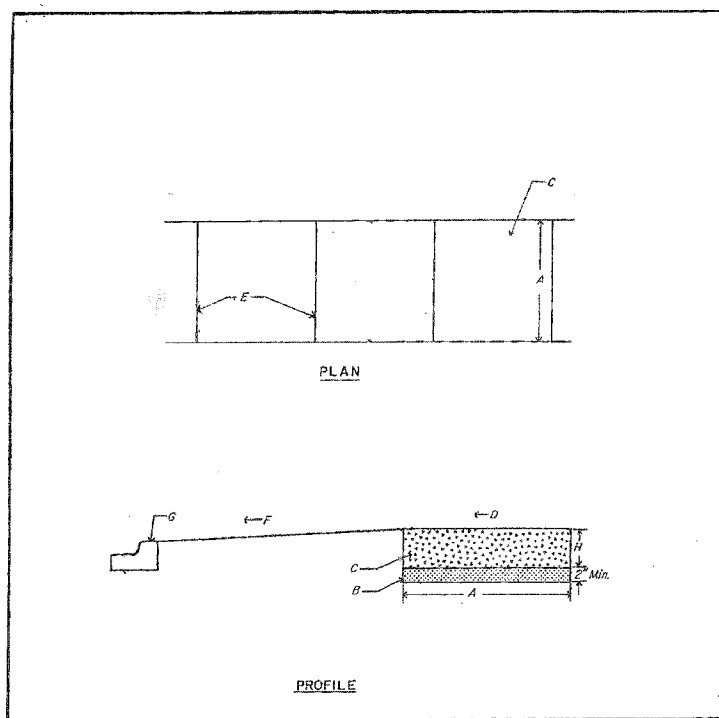
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DATE: 09/21/07 CHECKED BY: AJB

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USER NAME = \$USER\$

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| PROJECT NO.: M-8003 (699) | | | | |

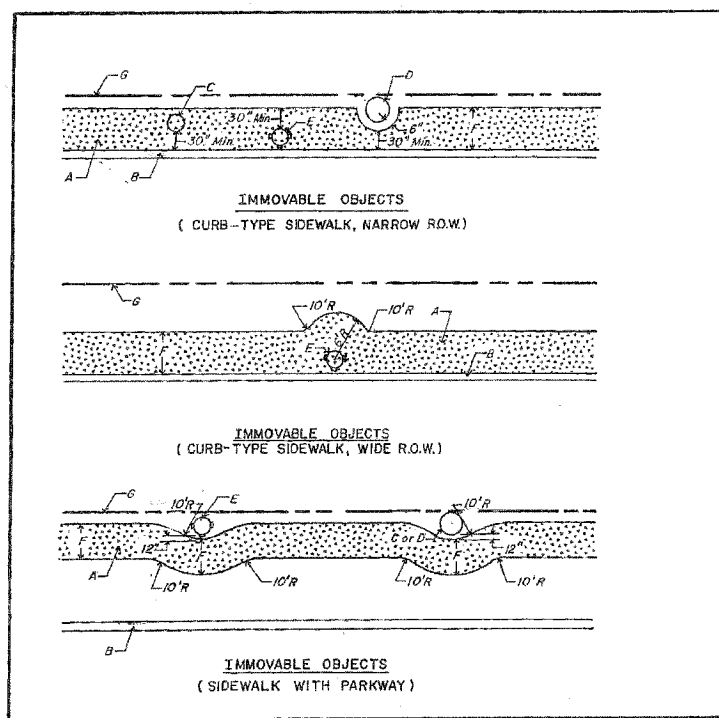
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- CONSTRUCTION NOTES**
- 5' Normal Width.
 - Crushed Stone or Gravel Base.
 - P.C.C. Sidewalk.
 - Slope 1/4" Per Foot to Street Side.
 - Joints, See Notes 3 And 4.
 - Slope 2% to 8% Towards Street.
 - Curb And Gutter.
 - Concrete Thickness, See Note f.
- GENERAL NOTES**
- Standard Thickness of Concrete Shall Be a Minimum of 5".
 - Where Wooden Forms Are Used, 2x4's Are Not Allowed, Only 2x6's Shall be Used.
 - Preformed 3/4" Expansion Joints Shall be Constructed at a Max. Spacing of 40'.
 - Formed or Saw-Cut Contraction Joints Shall be Spaced Generally 5' Apart, But No Less Than 4' And No More Than 6'.
 - 1/2" Expansion Joints Shall be Installed Where Sidewalk Abuts Buildings, Traffic Signal Foundations, Service Poles, And Other Immovable Structures.
 - Concrete To be 6-Bag Mix.

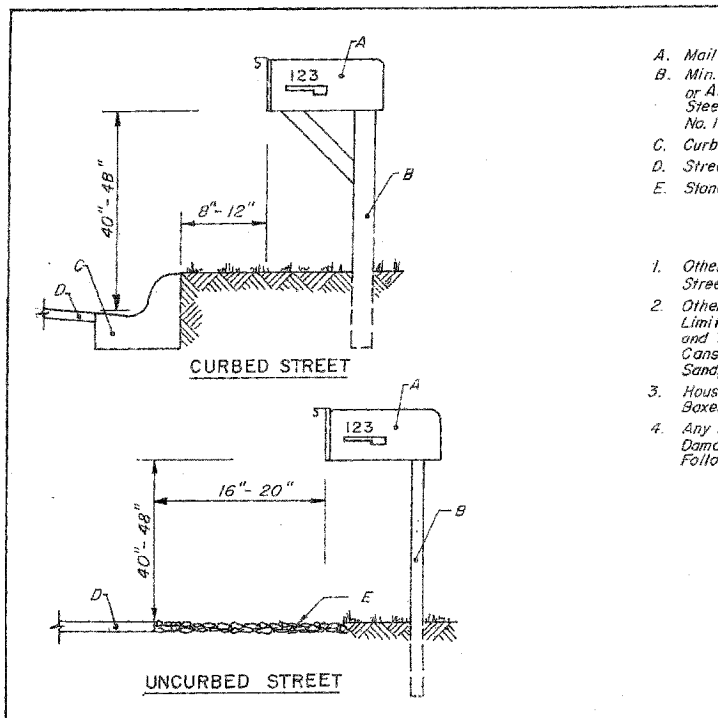
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| VILLAGE OF WESTMONT |
| SIDEWALK DETAIL |
| ISSUED: March 1988 |
| REVISED: |
| DWG. R-10-Q |

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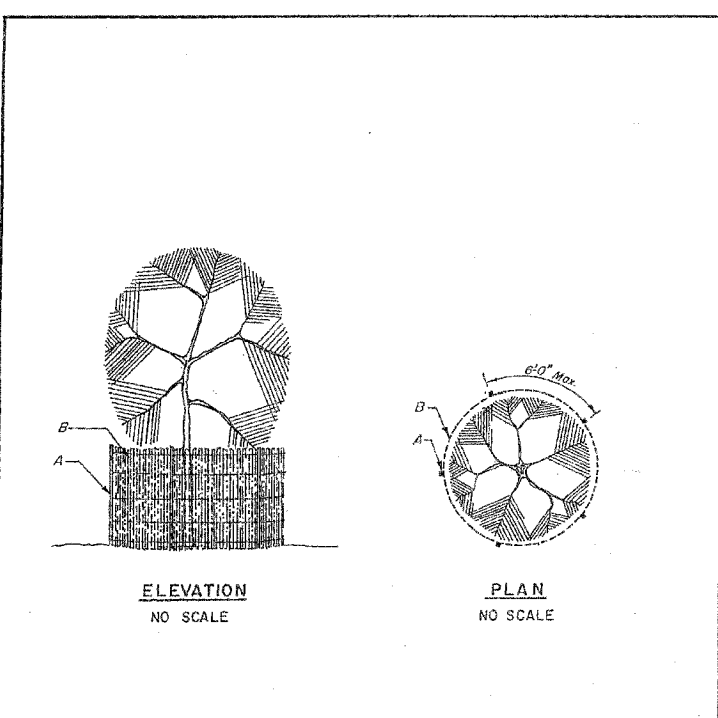
- CONSTRUCTION NOTES**
- Sidewalk.
 - Curb.
 - Service Pole, See Notes 1 and 3.
 - Tree Trunk, See Note 1.
 - Fire Hydrant, See Notes 1, 2, and 3.
 - Sidewalk Width.
 - Right-of-Way (R.O.W.)
- GENERAL NOTES**
- A Fire Hydrant, Serv. Pole or Tree Trunk Shall be Considered Immovable Only When Directed By The Village Engineer.
 - The Village of Westmont Water Dept Shall be Contacted as Soon as Possible Whenever A Fire Hydrant is Found to be in The Path of A New Sidewalk, So That The Fire Hydrant Can be Relocated, if Possible.
 - When A Service Pole or Fire Hydrant is Located Within The Sidewalk Area, and is Considered Immovable, A 1/2" Expansion Joint Shall be Installed Encircling The Object.

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| VILLAGE OF WESTMONT |
| SIDEWALK OBSTRUCTIONS |
| ISSUED: March 1988 |
| REVISED: |
| DWG. R-12-C |



- CONSTRUCTION NOTES**
- Mail Box.
 - Min. 4x4" to Max. 6x6" Treated Wood Post or Alternate Min. 1/2" to Max. 3" Light Gauge Steel Hollow Pipe. Also See General Notes No. 1 and No. 2.
 - Curb and Gutter.
 - Street Pavement.
 - Stone Shoulder.
- GENERAL NOTES**
- Other Structures must be Approved by the Street Superintendent.
 - Other Support Structures, Including but Not Limited to, Masonry Columns, Railroad Rails and Ties, Tractor Wheels, Plow Blades, Milk Cans, and Barrels Filled with Concrete or Sand, are Expressly Forbidden.
 - House Numbers are Required on All Mail Boxes. Names are Optional.
 - Any Non-Conforming Mailboxes and Posts Damaged and Requiring Replacement Must Follow These Standards.

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| VILLAGE OF WESTMONT |
| MAIL BOX SETTINGS |
| ISSUED: July 1992 |
| REVISED: October 2000 |
| DWG. R-16-I |



- CONSTRUCTION NOTES**
- Standard Steel or Wooden Fence Post.
 - Standard 48" High Snow Fence.
- GENERAL NOTES**
- Prior to Clearing a Site, the Village Landscape Architect shall Inspect the Site Along with the Developer and Tag Those Trees to be Protected in Accordance with this Plan.
 - Tree Protection shall be Maintained until Final Grading and Restoration of Adjacent Areas.
 - The Village Landscape Architect shall Inspect and Approve the Location of All Fencing Prior to Construction.
 - All Trees to be Relocated and Transplanted shall be Removed Prior to Grading of the Site. The Contractor shall Protect All Transplanted Trees in Accordance with this Detail, in a Similar Manner to those Trees Tagged to be Saved.

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| VILLAGE OF WESTMONT |
| TREE PROTECTION DETAIL |
| ISSUED: December 1998 |
| REVISED: |
| DWG. R-17-C |

NOTE:
THE VILLAGE STANDARD DETAILS SHALL BE USED IN CONJUNCTION WITH IDOT STANDARD DETAILS. THE CONTRACTOR AND ENGINEER ARE RESPONSIBLE FOR COORDINATION BETWEEN THE VILLAGE AND THE STATE STANDARDS.

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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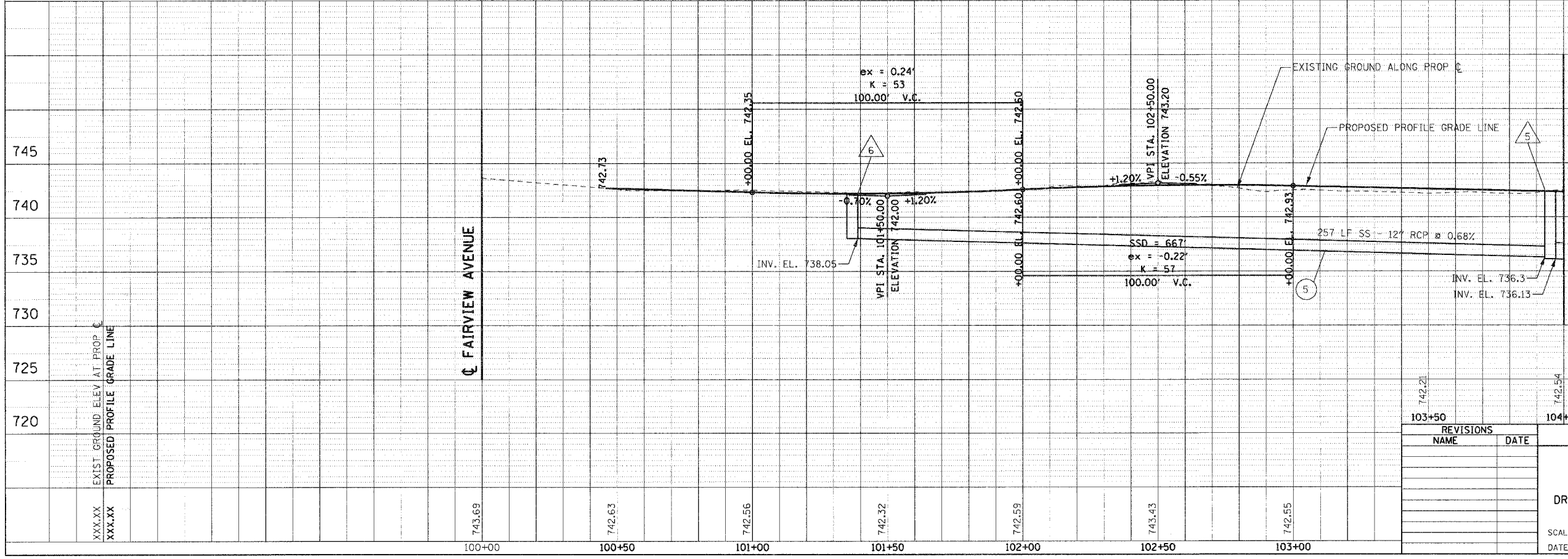
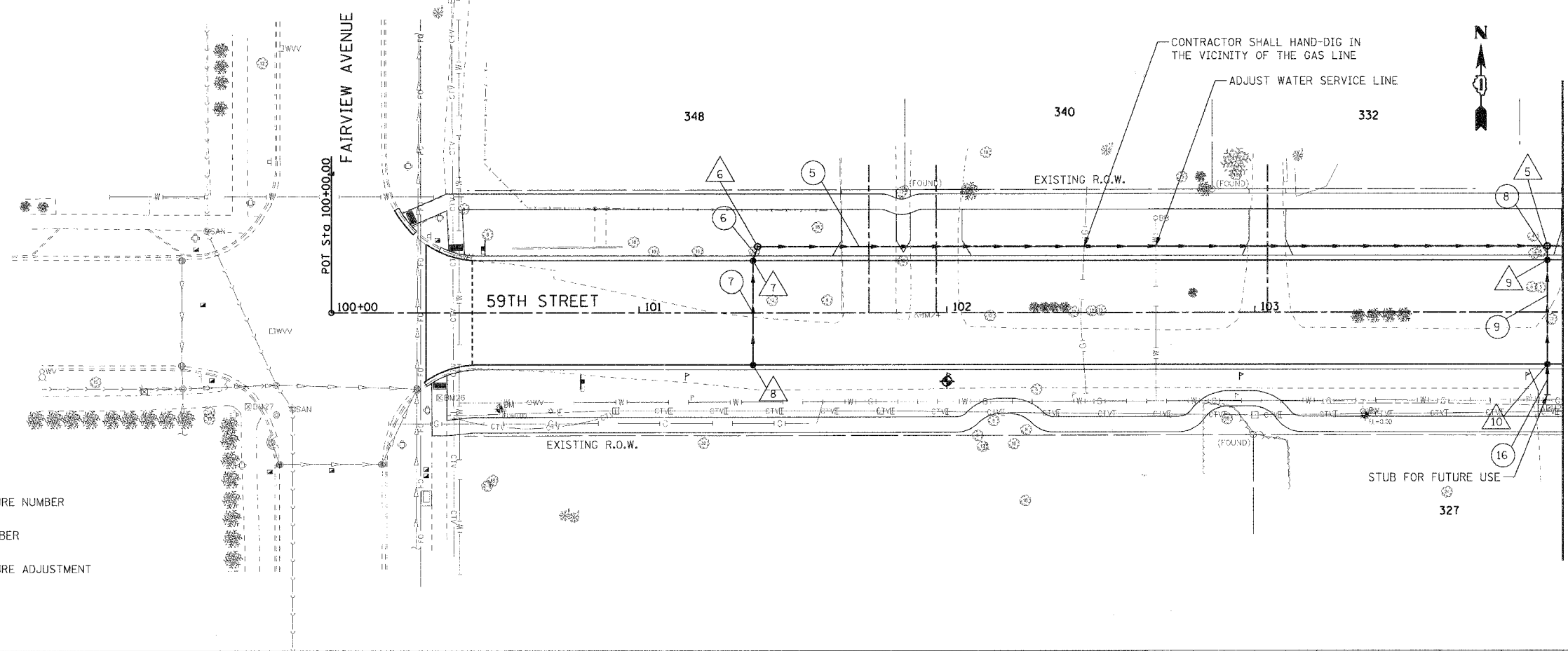
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| PROJECT NO.: M-8003 (699) | | | | |

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 - XX STORM SEWER NUMBER
 - A DRAINAGE STRUCTURE ADJUSTMENT



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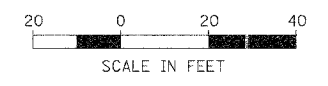
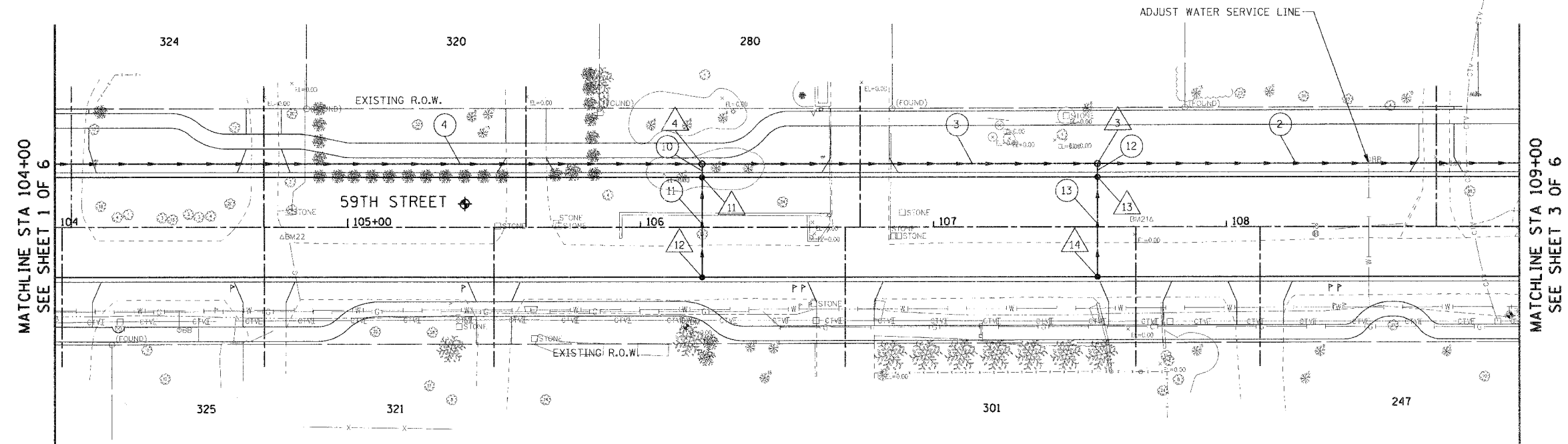
ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WESTMONT
 59TH STREET RECONSTRUCTION
 DRAINAGE AND UTILITY PLAN AND PROFILE
 SHEET 1 OF 6
 SCALE: HORIZ. 1"=20'
 VERT. 1"=5'
 DATE: 09/21/07
 DRAWN BY: DEB
 CHECKED BY: AJB

MATCHLINE STA 104+00
 SEE SHEET 2 OF 6

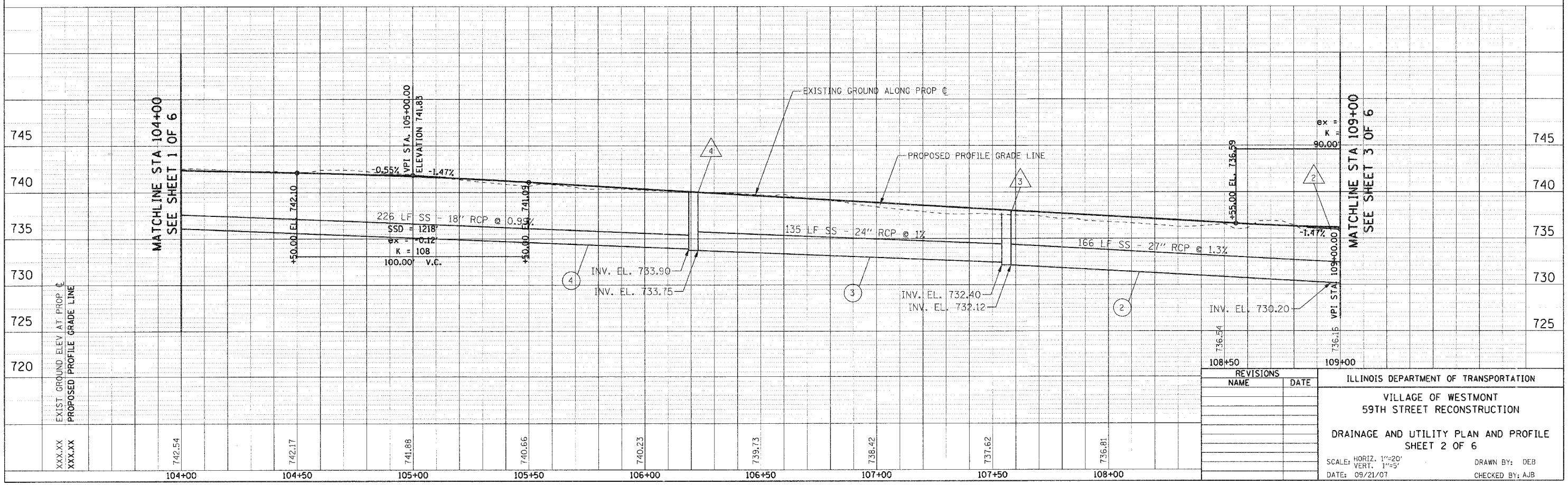
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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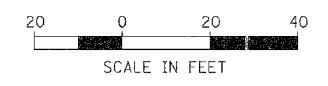
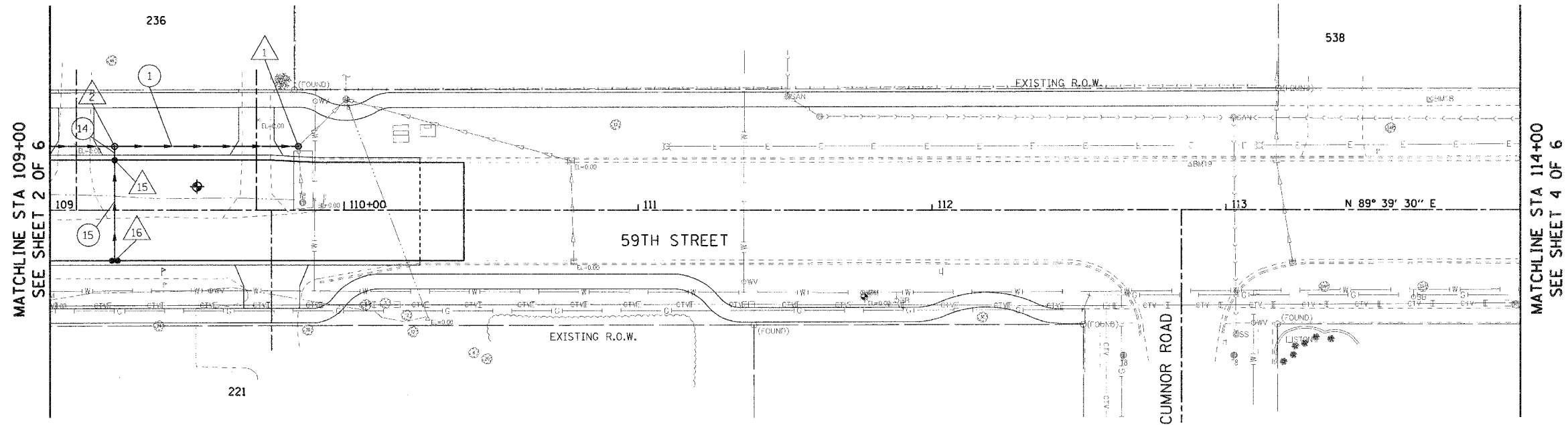
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WESTMONT
 59TH STREET RECONSTRUCTION
 DRAINAGE AND UTILITY PLAN AND PROFILE
 SHEET 2 OF 6
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 VERT. 1"=5'
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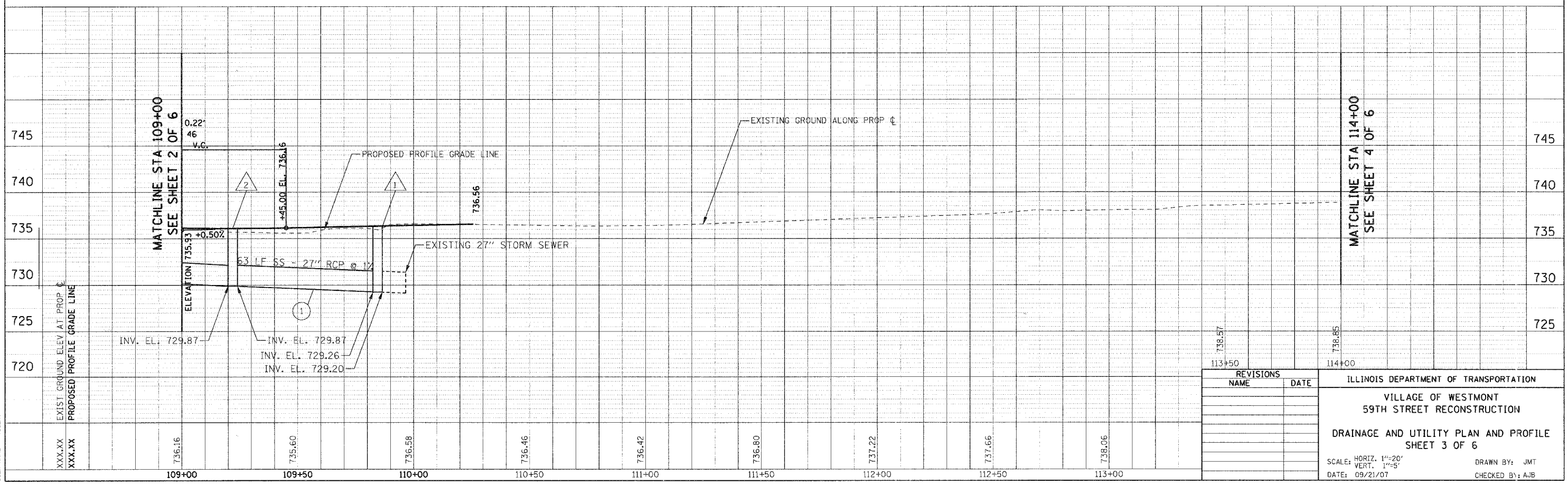
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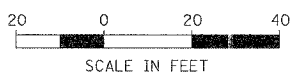
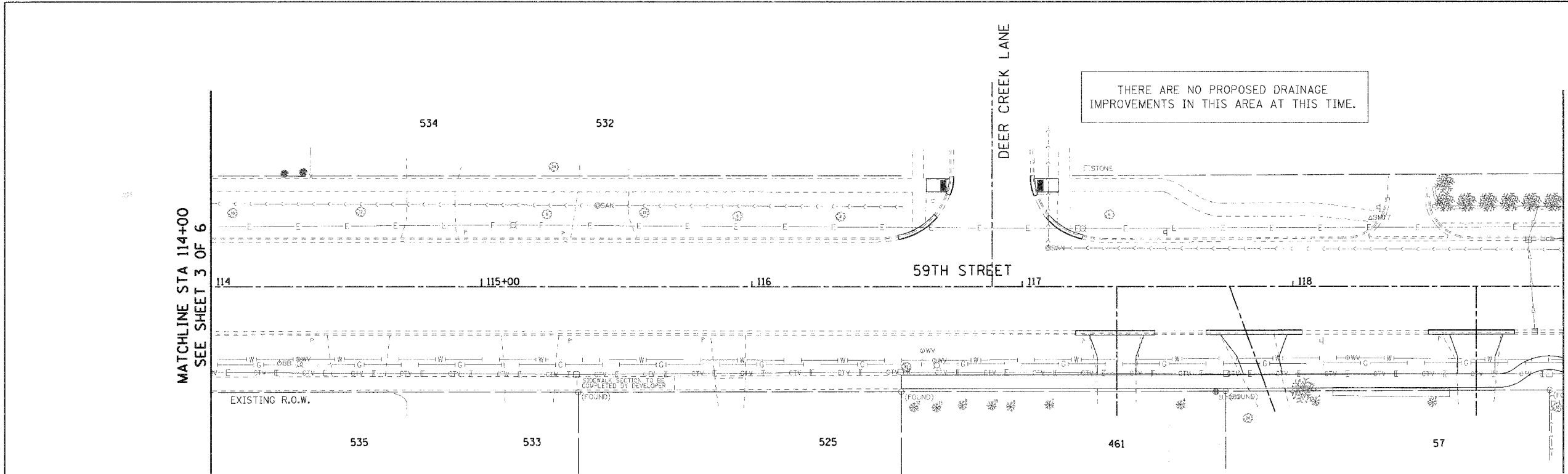
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 59TH STREET RECONSTRUCTION
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 SHEET 3 OF 6
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 DATE: 09/21/07
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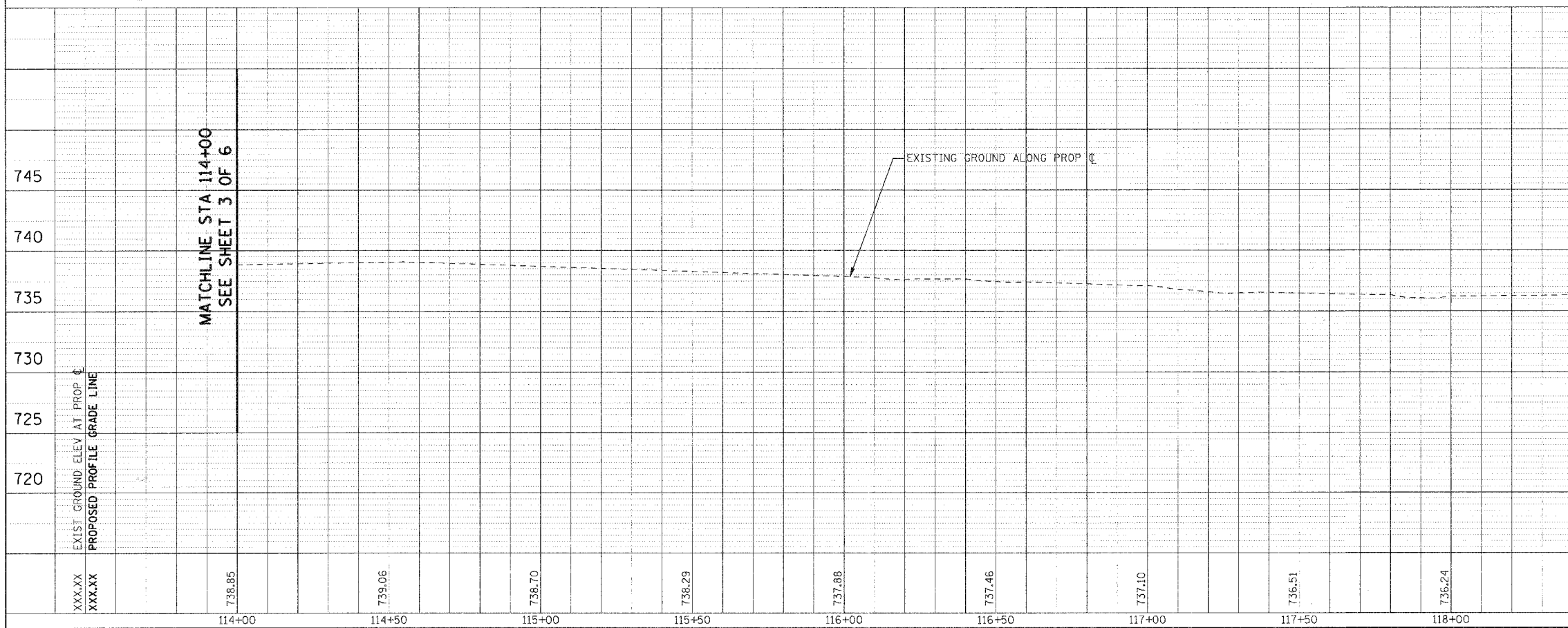
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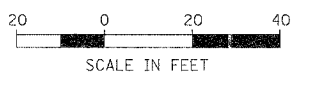
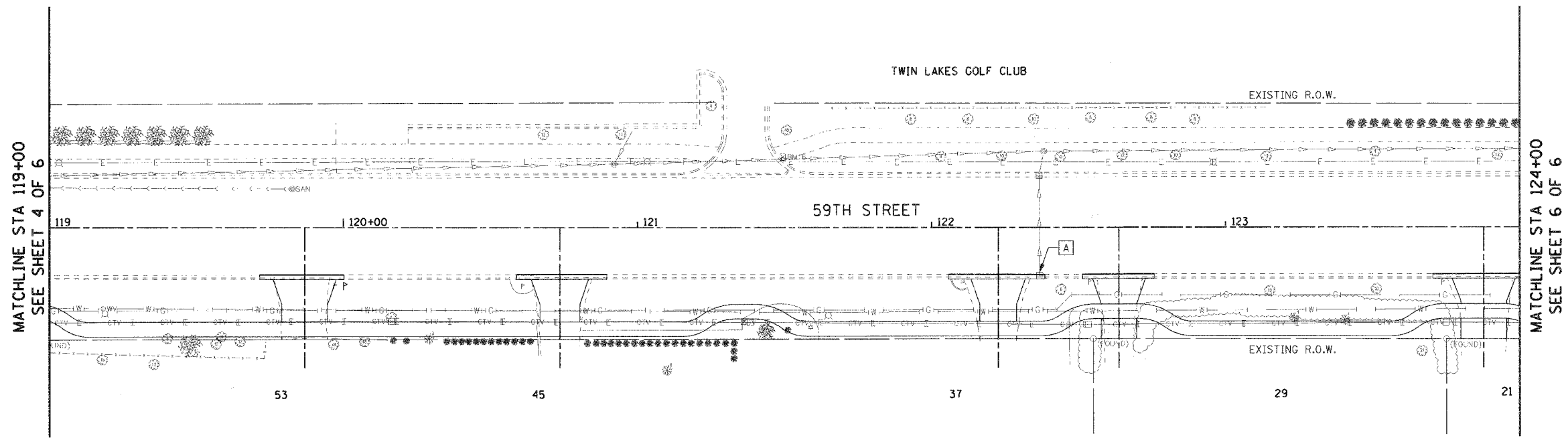


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| ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION DRAINAGE AND UTILITY PLAN AND PROFILE SHEET 4 OF 6 SCALE: HORIZ. 1"=20' VERT. 1"=5' DATE: 09/21/07 DRAWN BY: JMT CHECKED BY: AJB | | | | | | | | | | | | | | |

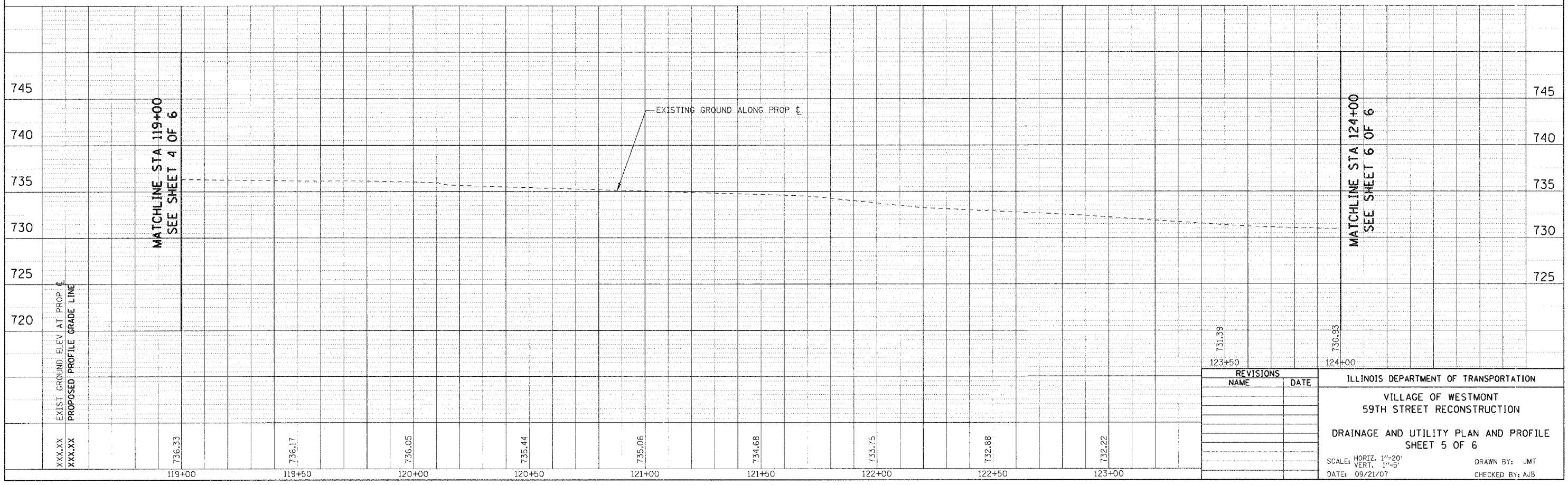
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| PROJECT NO.: M-8003 (699) | | | | |

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WESTMONT
 59TH STREET RECONSTRUCTION
 DRAINAGE AND UTILITY PLAN AND PROFILE
 SHEET 5 OF 6

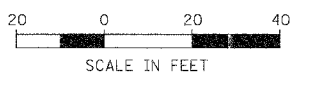
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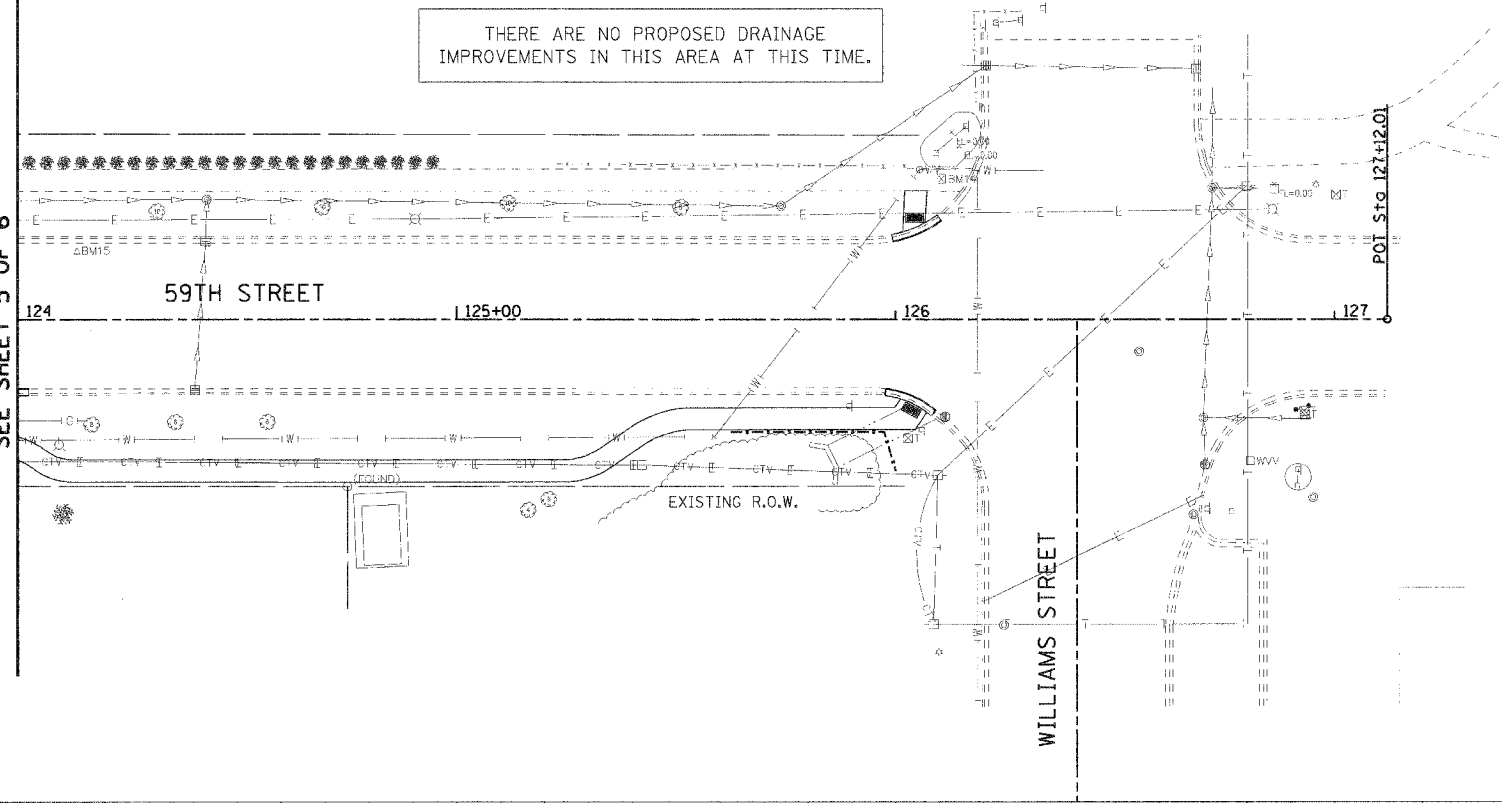
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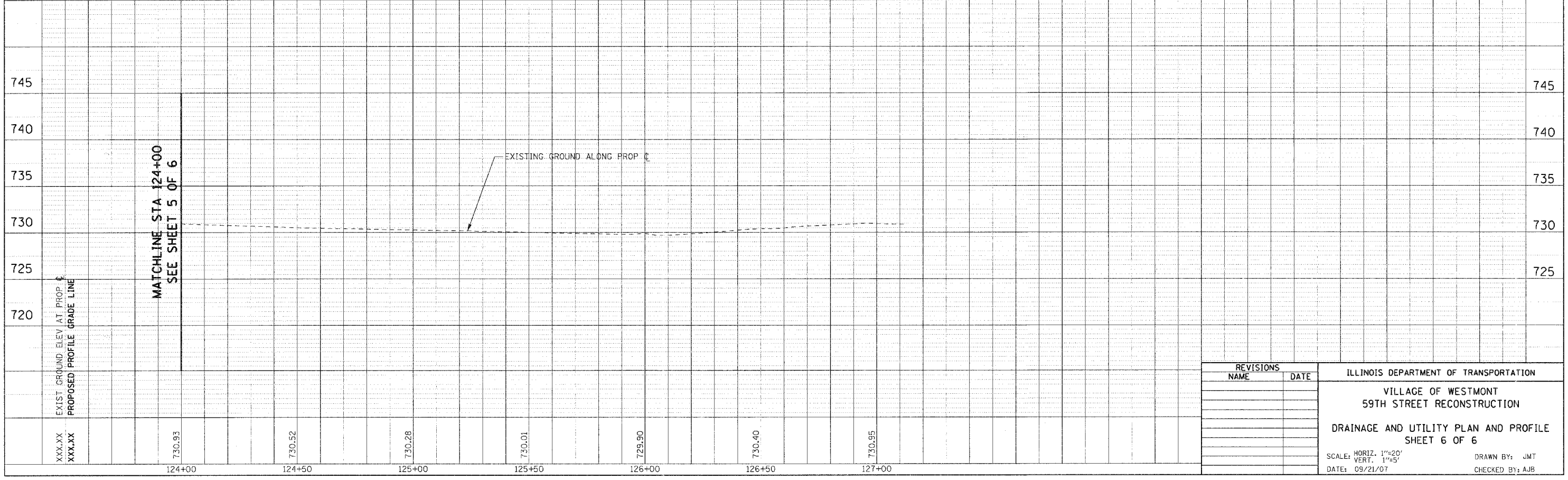


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MATCHLINE STA 124+00
SEE SHEET 5 OF 6



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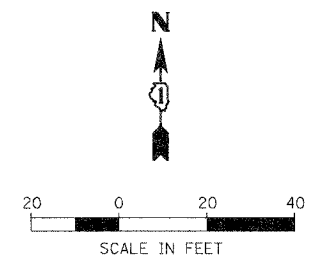
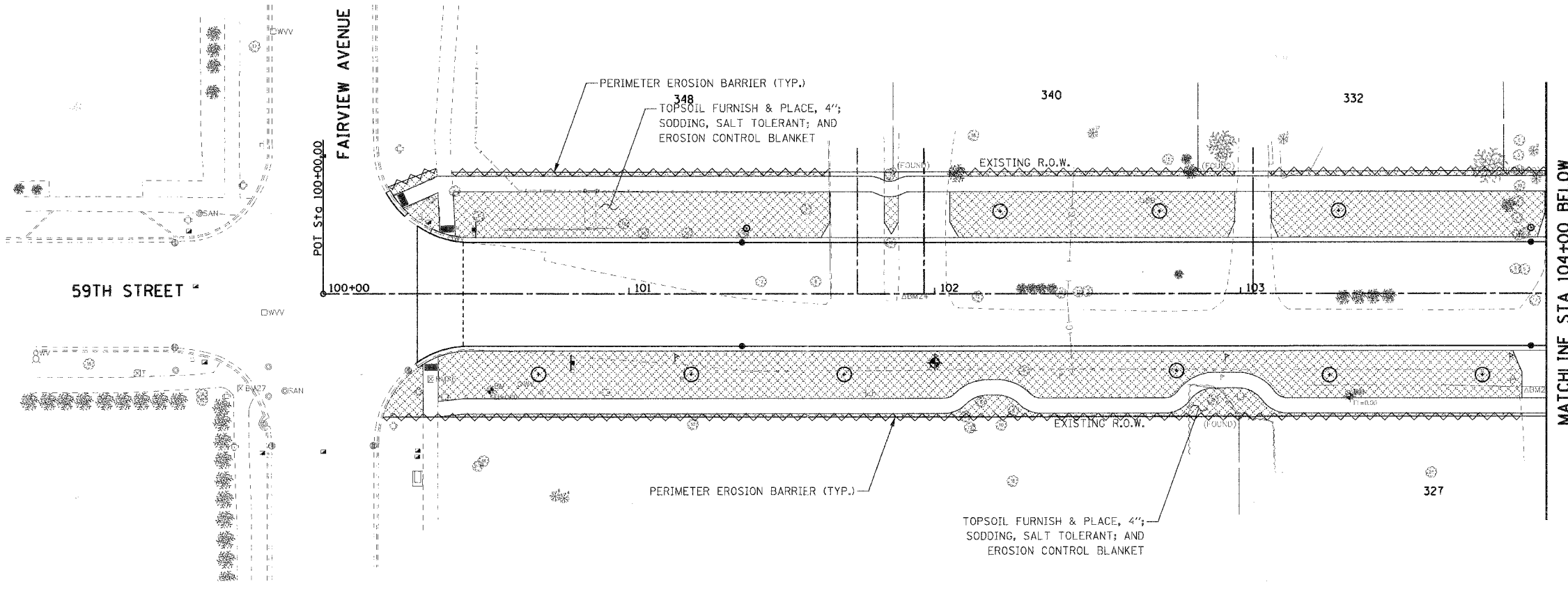
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| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION DRAINAGE AND UTILITY PLAN AND PROFILE SHEET 6 OF 6 SCALE: HORIZ. 1"=20' VERT. 1"=5' DATE: 09/21/07 |
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CHECKED BY: AJB

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 36 |
| STA. 100+00 | | TO STA. 109+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-6003 (699) | | | | |

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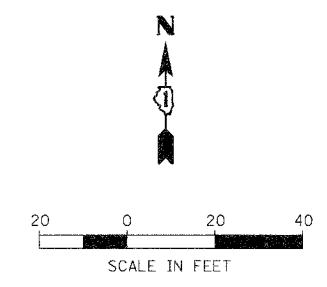
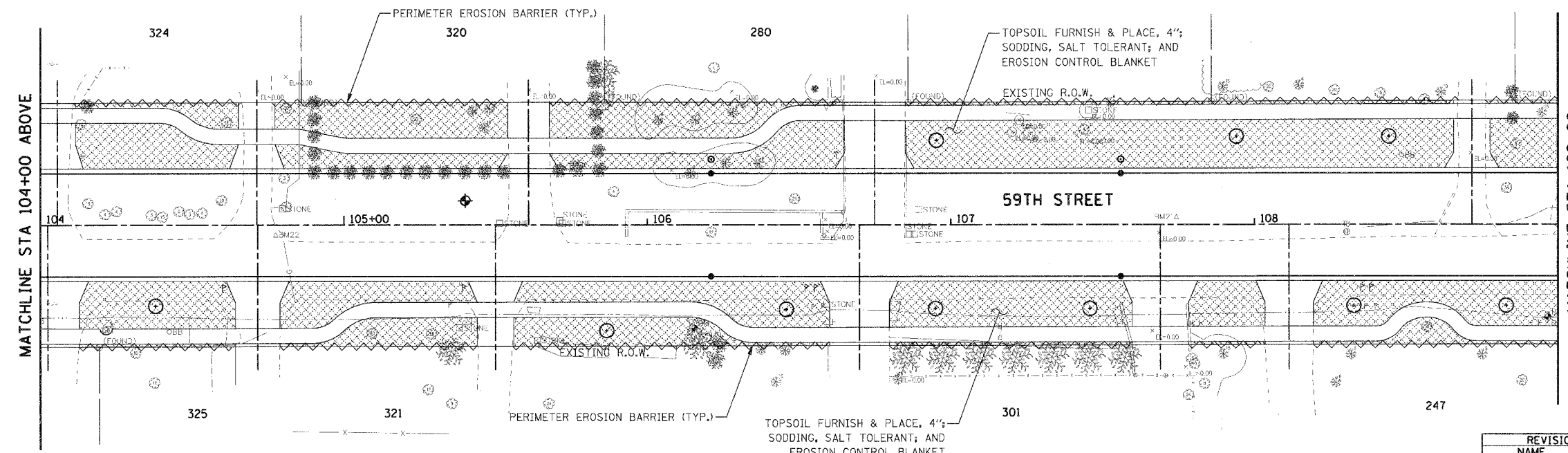


EROSION CONTROL AND LANDSCAPING LEGEND:

- TOPSOIL FURNISH & PLACE, 4"; SODDING, SALT TOLERANT; AND EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DECIDUOUS HARDWOOD TREE (SEE NOTE 1)

NOTE:
1. REFER TO THE TREE SCHEDULE SHEET FOR TREE SPECIES AND OTHER TREE REQUIREMENTS.

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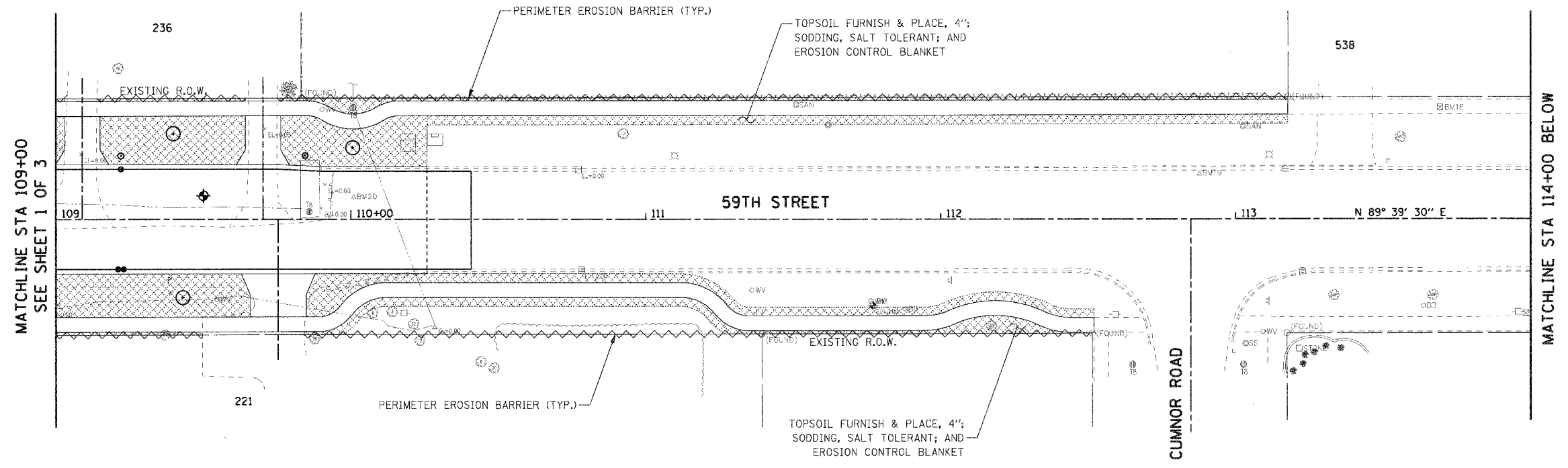
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION EROSION CONTROL AND LANDSCAPING PLAN SHEET 1 OF 3 SCALE: 1"=20' DATE: 09/21/07 |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 37 |
| STA. 109+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

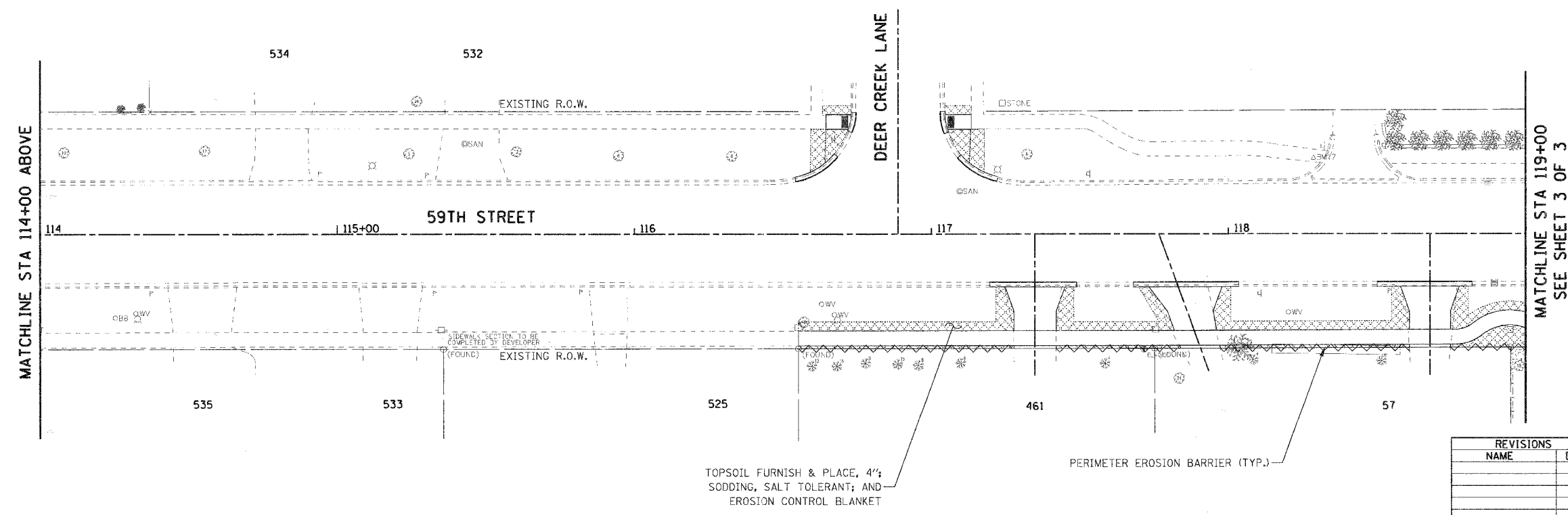
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| | NOTE BOOK NO. | |
| | FILE NAME | |



EROSION CONTROL AND LANDSCAPING LEGEND:

- TOPSOIL FURNISH & PLACE, 4"; SODDING, SALT TOLERANT; AND EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DECIDUOUS HARDWOOD TREE (SEE NOTE 1)

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



EROSION CONTROL AND LANDSCAPING LEGEND:

- TOPSOIL FURNISH & PLACE, 4"; SODDING, SALT TOLERANT; AND EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- DECIDUOUS HARDWOOD TREE (SEE NOTE 1)

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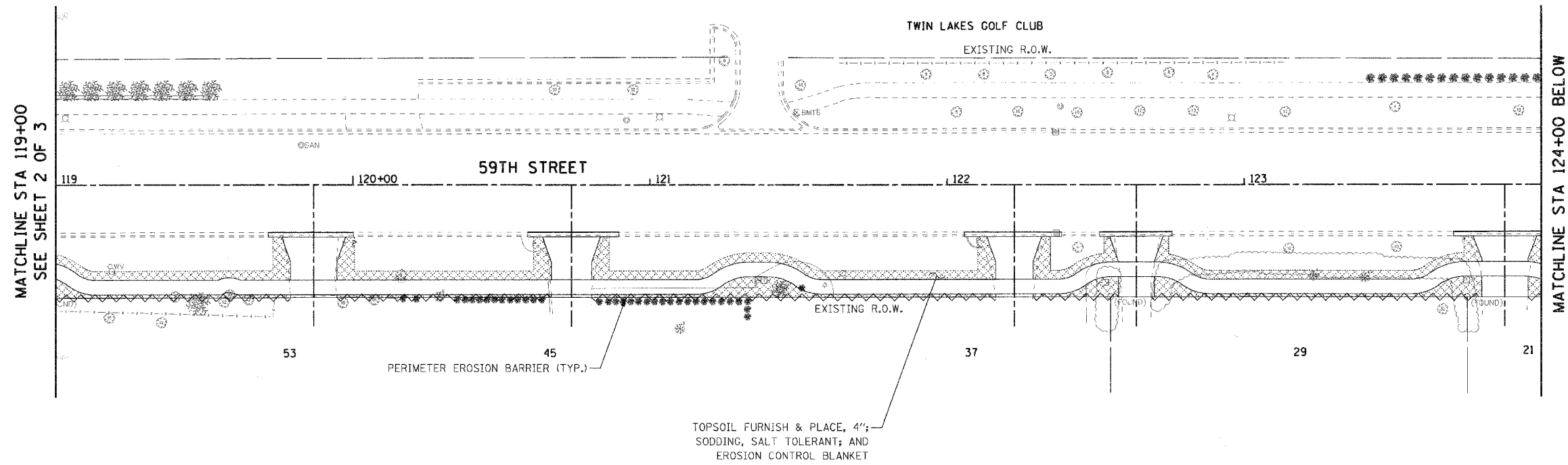
ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WESTMONT
 59TH STREET RECONSTRUCTION
 EROSION CONTROL AND LANDSCAPING PLAN
 SHEET 2 OF 3

SCALE: 1"=20'
 DATE: 09/21/07

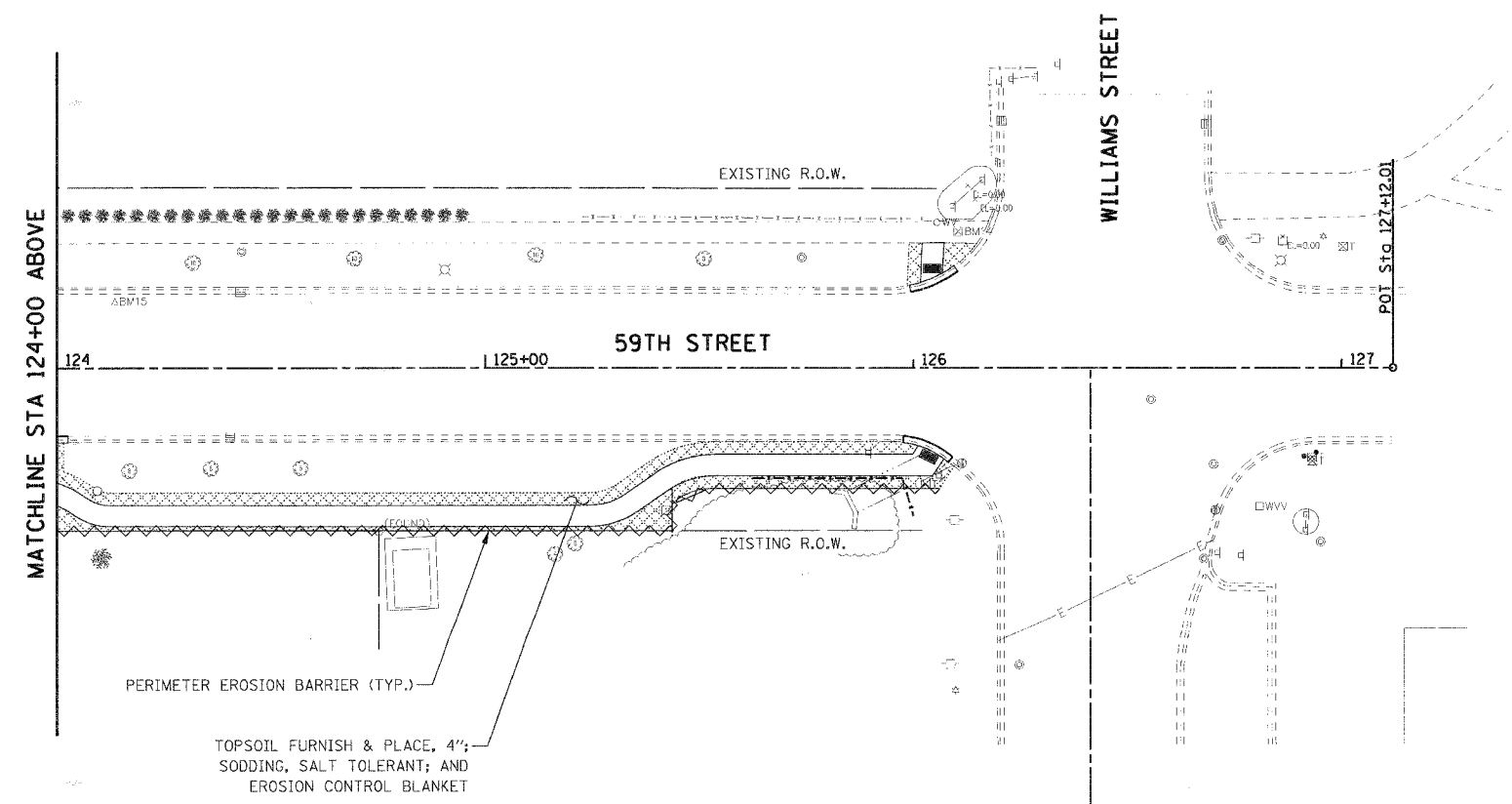
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 38 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |




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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
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| | NO. OF WAYS CHECKED | |
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| | STRUCTURE NOTATIONS CHD | |
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EROSION CONTROL AND LANDSCAPING LEGEND:

-  TOPSOIL FURNISH & PLACE, 4"; SODDING, SALT TOLERANT; AND EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  DECIDUOUS HARDWOOD TREE (SEE NOTE 1)

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|----------------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION EROSION CONTROL AND LANDSCAPING PLAN SHEET 3 OF 3 |
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| SCALE: 1"=20' | | DRAWN BY: JMT |
| DATE: 09/21/07 | | CHECKED BY: AJB |

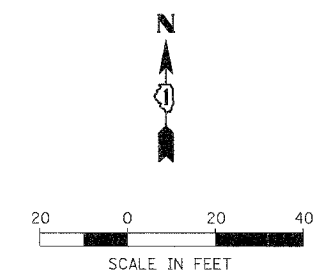
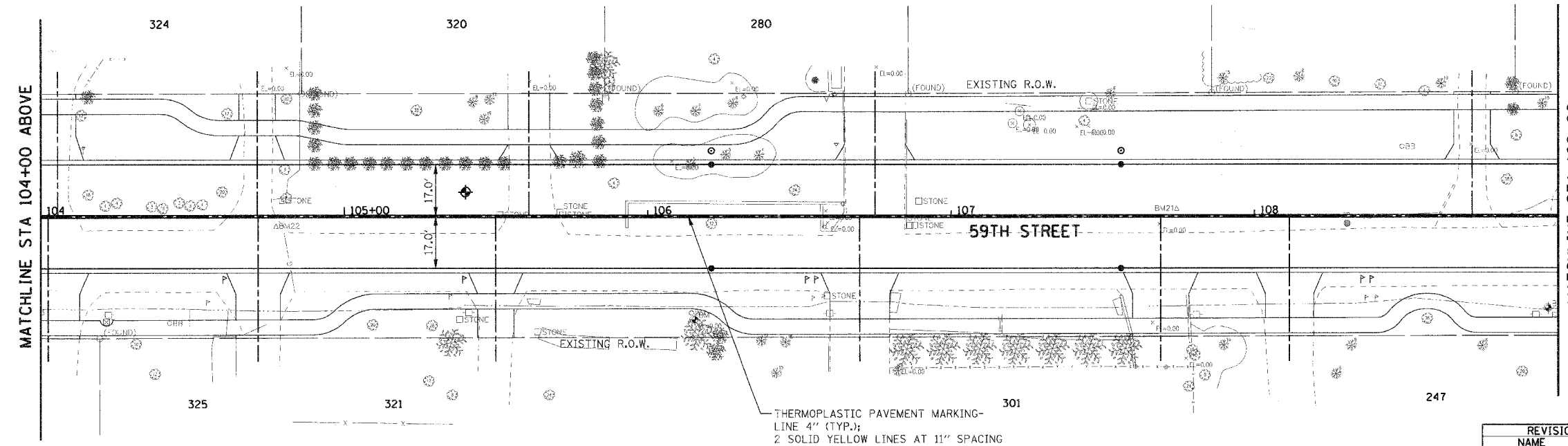
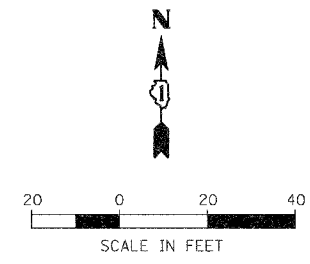
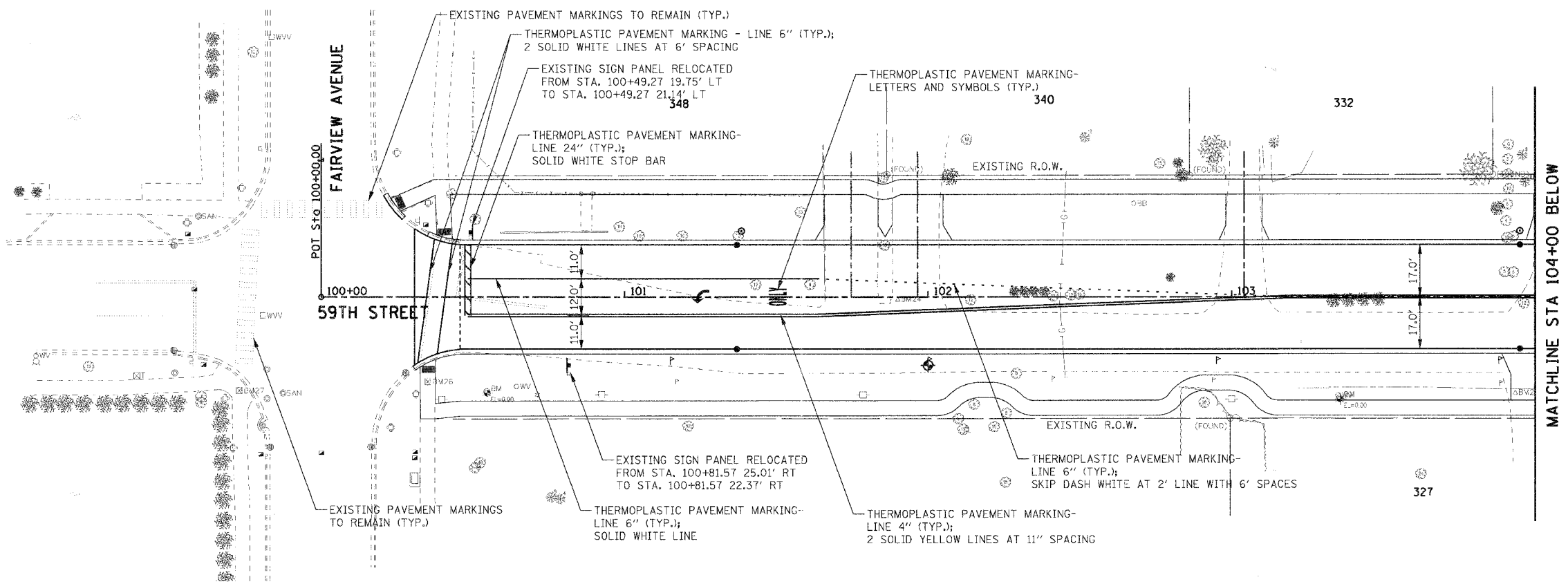
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 39 |
| STA. 100+00 | | TO STA. 109+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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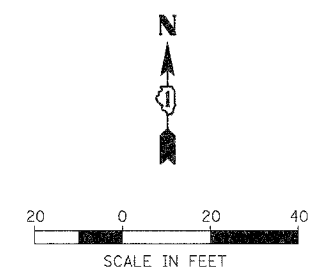
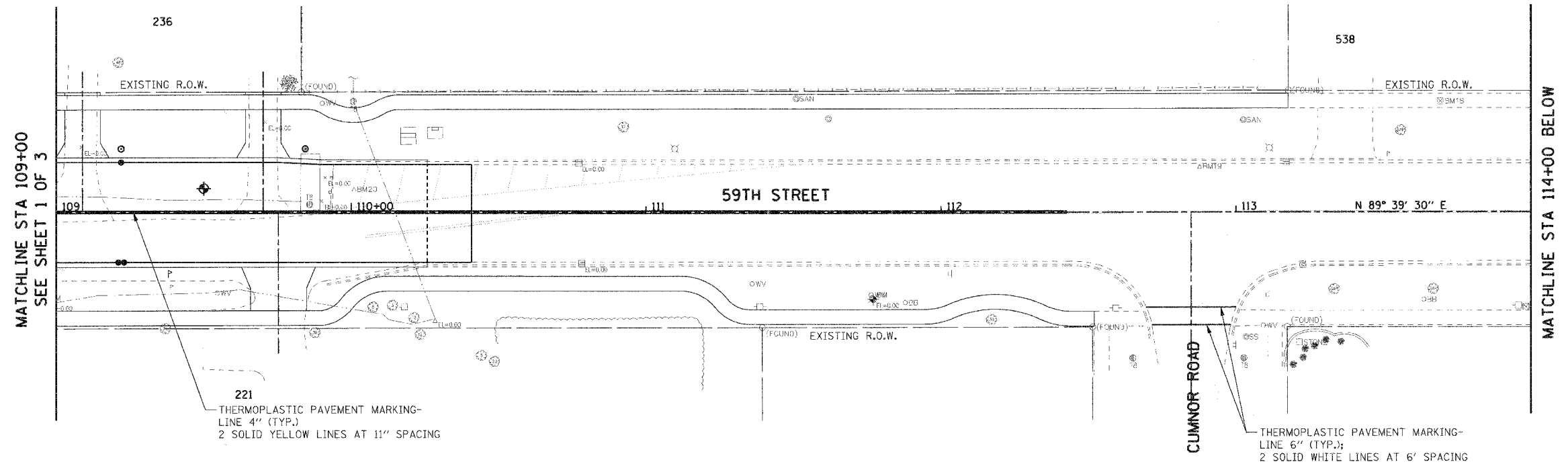
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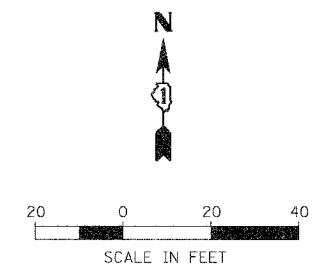
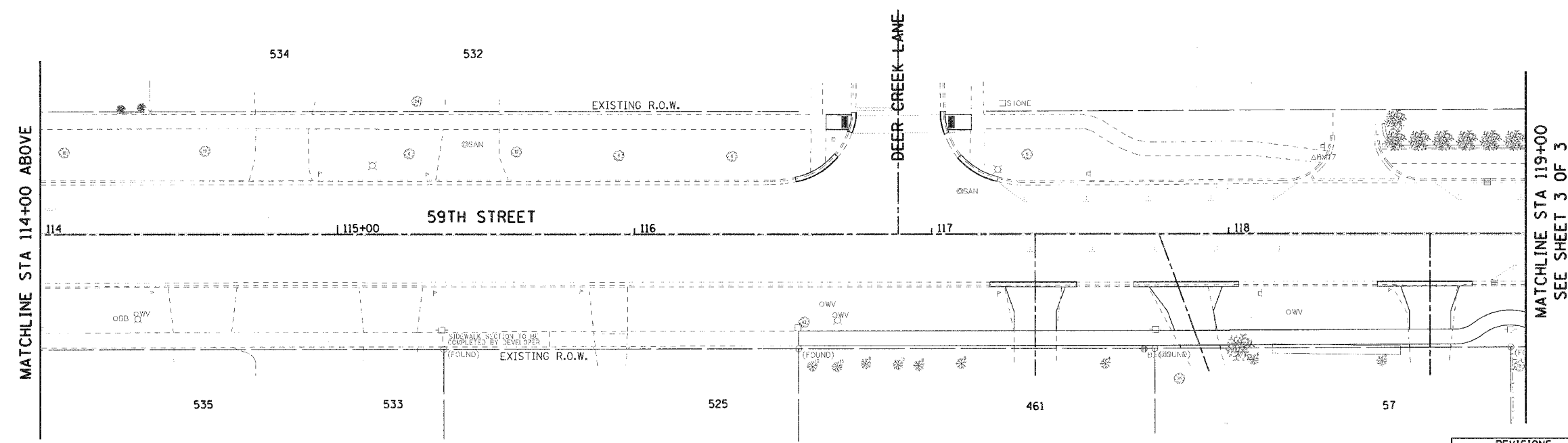
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION PAVEMENT MARKING AND SIGNING PLAN SHEET 1 OF 3 SCALE: 1"=20' DATE: 09/21/07 |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00033-00-WR | DUPAGE | 72 | 40 |
| STA. 109+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| PROFILE | SURVEYED | DATE |
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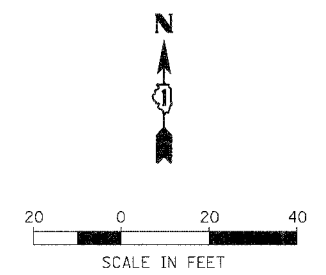
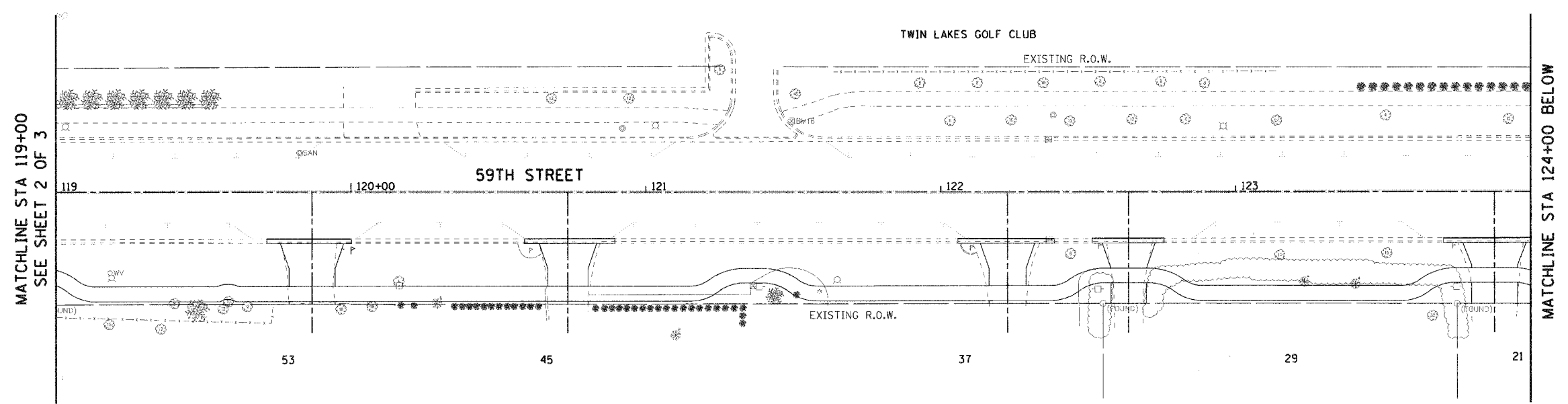
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| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION PAVEMENT MARKING AND SIGNING PLAN SHEET 2 OF 3 SCALE: 1"=20' DATE: 09/21/07 |
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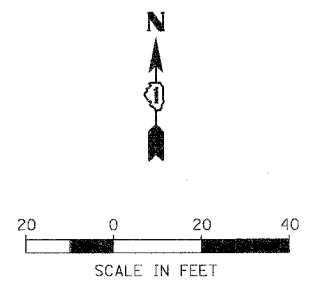
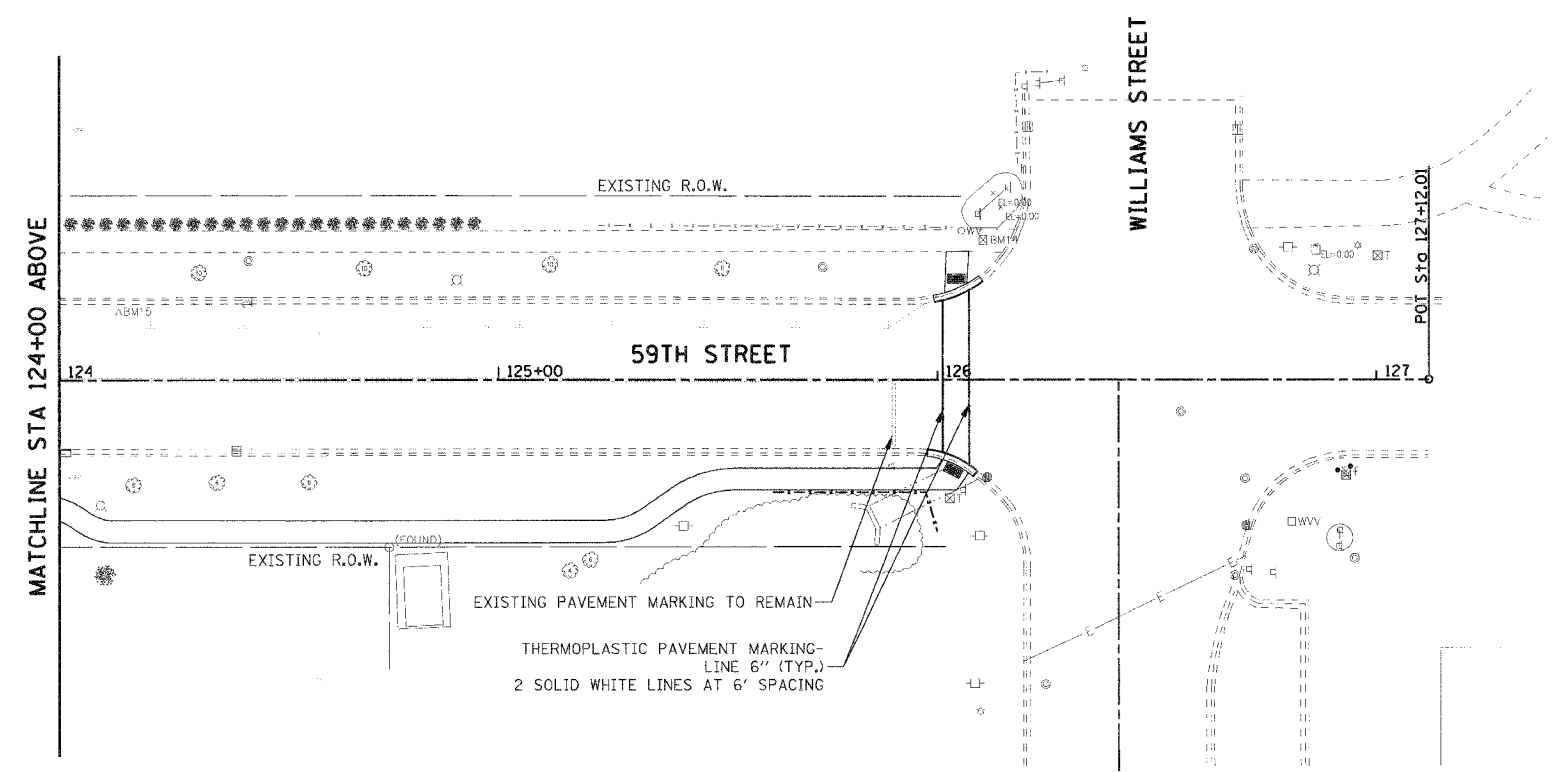
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 1512 | 05-00093-00-WR | DUPAGE | 72 | 41 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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EXISTING PAVEMENT MARKING TO REMAIN
 THERMOPLASTIC PAVEMENT MARKING-
 LINE 6" (TYP.)
 2 SOLID WHITE LINES AT 6' SPACING

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION PAVEMENT MARKING AND SIGNING PLAN SHEET 3 OF 3 SCALE: 1"=20' DATE: 09/21/07 |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|---------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 42 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

GENERAL LIGHTING NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLE FOUNDATIONS, CENTER LINE OF TRENCH AND CONDUIT PUSHES FOR EXAMINATION AND CONFIRMATION WITH THE VILLAGE AND ENGINEER. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ROADWAY LIGHTING". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIKE SHALL REMAIN WITH THE CONTRACTOR.
- NO LIGHT POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, A MINIMUM OF SEVEN DAYS OR AS APPROVED BY THE ENGINEER.
- TO MAINTAIN STRUCTURAL INTEGRITY OF THE LIGHT POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT POLES SHALL NOT BE PAID UNTIL THE LUMINAIRES ARE INSTALLED.
- NO EQUIPMENT OR MATERIAL SHALL BE DELIVERED TO THE JOB SITE PRIOR TO THE APPROVAL AND INSPECTION BY THE ENGINEER. ANY EQUIPMENT OR MATERIAL DELIVERED TO THE JOB SITE PRIOR TO APPROVAL AND INSPECTION SHALL BE REMOVED FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE.
- CONDUIT PUSHED AND IN TRENCH SHALL EXTEND FIVE (5) FEET BEYOND THE SHOULDER, CURB OR DRIVEWAY, AS APPLICABLE.
- THE CONTRACTOR SHALL PROVIDE A 3/4" X 10' COPPER CLAD GROUND ROD AT EACH LIGHT POLE (REFER TO THE FOUNDATION DETAIL). THE GROUND ROD SHALL NOT BE EMBEDDED IN THE FOUNDATION.
- ALL CONDUIT SHALL BE INSTALLED MIN. 30 INCHES BELOW FINISHED GRADE (UNLESS DIRECTED OTHERWISE) COMPLETE WITH WARNING TAPE. CONTRACTOR SHALL HAND DIG TEST HOLES FOR EVERY 1000 FT. OF TRENCHING FOR ENGINEER'S APPROVAL OF THE INSTALLATION.
- MATERIALS AND INSTALLATION METHODS SHALL COMPLY WITH CODES AND ORDINANCES OF FEDERAL, STATE AND LOCAL GOVERNING BODIES HAVING JURISDICTION. NATIONAL ELECTRICAL CODE (LATEST REVISION) SHALL BE CONSIDERED AS A MINIMUM REQUIREMENT.
- IT IS CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CONTACT J.U.L.I.E. PRIOR TO THE START OF ANY EXCAVATION WORK.
- BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL COMED FOR APPROVAL OF LOCATION.
- FOR LOCATION OF EXISTING UNDERGROUND MUNICIPAL UTILITIES CALL THE VILLAGE OF WESTMONT.
- MATERIAL QUANTITIES ARE APPROXIMATIONS ONLY. IT IS CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL QUANTITIES PRIOR TO ORDERING MATERIAL.
- THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION AND STAGING WITH OTHER WORK BEING DONE IN THE SAME GENERAL AREA BY COMED. CONTRACTOR SHALL SET UP COORDINATION MEETINGS IF REQUIRED.
- A STAGING SCHEDULE FOR MATERIAL INSTALLATION, REMOVAL AND APPROXIMATE DATE OF PROPOSED ENERGIZING OF PERMANENT LIGHTING SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK TO ASSURE COORDINATION WITH CONTRACT WORK SCHEDULE.
- COMMONWEALTH-EDISON COMPANY SHALL BE CONTACTED WITHIN ONE WEEK OF AWARD OF CONTRACT AND NOTIFIED OF PENDING SERVICE CONNECTIONS AND INSTALLATIONS TO ENSURE CONTINUITY OF NIGHT TIME HOURS OF LIGHTING OPERATION.
- A NEW LIGHTING CONTROL CABINET AND FOUNDATION SHALL BE PROVIDED FOR NEW WORK AS DETAILED IN THESE PLANS.
- PROPOSED NEW CONDUITS SHALL BE PVC SCHEDULE 80, UNLESS NOTED OTHERWISE.
- EACH WIRE SHALL BE IDENTIFIED AT EACH POLE BY APPROPRIATE CONTROLLER AND CIRCUIT NUMBER.
- CONTRACTOR SHALL SUBMIT "RECORD DRAWINGS" A MINIMUM OF 7 DAYS PRIOR TO THE FINAL INSPECTION. "RECORD DRAWINGS" SHALL BE UPDATED REGULARLY DURING CONSTRUCTION AND INDICATE ALL LIGHTING MATERIAL INSTALLATION WITH ANY CHANGES IN RED.
- ALL AREAS DISTURBED UNDER THIS CONTRACT SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE VILLAGE AND ENGINEER.

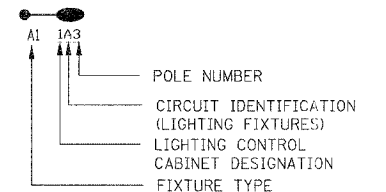
- CONTRACTOR SHALL NOT PROCEED WITH CUTTING OF TREES OR CLEARING OF RIGHT-OF-WAY WITHOUT WRITTEN NOTIFICATION AND APPROVED BY ENGINEER.
- CONTRACTOR SHALL VERIFY FOUNDATION BOLT PATTERN PRIOR TO CONSTRUCTING FOUNDATIONS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY LIGHT POLES AND ASSOCIATED TEMPORARY CIRCUIT PER IDOT REQUIREMENTS. COORDINATE EXACT LOCATION WITH VILLAGE OF WESTMONT. DO NOT REMOVE EXISTING LIGHT POLE PRIOR TO TEMPORARY LIGHT POLES INSTALLED, ENERGIZED, AND ACCEPTED BY ENGINEER.
- QUANTITY OF PUSHED CONDUIT AND CONDUIT IN TRENCH ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY THE QUANTITIES PRIOR TO ORDERING THE MATERIAL AND INSTALL CONDUITS IN FULL COMPLIANCE WITH THE DETAILS AND SPECIFICATIONS SET REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE NEW LIGHT FIXTURES PER SCHEDULE. NEW FIXTURES SHALL BE FURNISHED WITH PHOTOCELL AND ASSOCIATED WIRING. PHOTOCELL SHALL BE INSTALLED AND WIRED BY FIXTURE MANUFACTURER.
- THE CONTROLLER AND CIRCUIT DESIGNATIONS AS SHOWN ON THE DRAWINGS ARE FOR REFERENCE ONLY. EXACT DESIGNATIONS FOR DECALS SHALL BE AS DIRECTED BY THE OWNER.
- THE POLE DESIGNATION AS SHOWN ON THE DRAWINGS ARE FOR REFERENCE ONLY. EXACT DESIGNATION OF ALL POLES SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE INSTALLATION OF IDENTIFICATION LABELS.
- NEW POLES AND RELOCATED POLES SHALL BE AS DIRECTED BY THE OWNER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, FLAG AND PROTECT ALL EXISTING UNDERGROUND UTILITIES PRIOR TO AND DURING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO EXTRA COST TO THE VILLAGE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE INSTALLATION OF THE PROPOSED CONDUIT.
- CIRCUIT NUMBERING AND DESIGNATIONS SHOWN ON THE PLANS ARE FROM EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY CIRCUIT NUMBERING, CABLE ROUTING AND POWER SOURCES DURING CONSTRUCTION.
- ANY REMOVED LIGHT POLES/FIXTURES/PHOTOCELLS SHALL BE TURNED OVER TO THE VILLAGE. COORDINATE LOCATION AND DELIVERY TIMES WITH OWNER/ENGINEER. CONTRACTOR SHALL MAINTAIN THE EXISTING LIGHTING SYSTEM IN OPERATION DURING INSTALLATION OF PROPOSED LIGHTING SYSTEM.
- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN ON THESE PLANS ARE PROPOSED NEW ITEMS OF WORK.
- CONTRACTOR'S STAGING AREA SHALL BE AS DIRECTED BY THE OWNER IN THE PRE-CONSTRUCTION MEETING.
- EXISTING POLES AND FIXTURES TO REMAIN, UNLESS NOTED OTHERWISE. REROUTE AND EXTEND CONDUIT AND WIRING AS REQUIRED FOR EXISTING REMAINING LIGHT POLES.
- CONTRACTOR SHALL OBTAIN EXISTING LIGHTING PLANS FROM THE VILLAGE OF WESTMONT PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE NEW COMPLETE FIXTURES IN PROJECT LIMITS. PROPOSED FIXTURES SHALL BE MANUFACTURED BY COOPER UTILITY LIGHTING, TYPE OVH1552204H-RA1014, 150W HPS, 16,000 LUMENS.
- CONTRACTOR SHALL PROVIDE NEW LIGHT POLES IN PROJECT LIMITS. PROPOSED POLES SHALL BE MANUFACTURED BY HAPCO, 35 FEET MOUNTING HEIGHT, ALUMINUM, CATALOG NUMBER RTA35D8B4M18-**-** TYPE 21-867, AND WITH 8 FOOT MAST ARM.
- EXISTING POLES TO BE REPLACED MAY BE TAKEN OUT OF SERVICE ONLY IF THE FOUR ADJACENT LIGHT POLES, TWO TO EITHER SIDE OF THE POLE, REMAIN IN SERVICE AND OPERATIONAL UNTIL THE POLE IS REPLACED, ENERGIZED, AND APPROVED BY THE ENGINEER

ABBREVIATIONS

| | |
|-----|---|
| AWG | AMERICAN WIRE GAUGE |
| C | CONDUIT |
| CCT | CIRCUIT |
| DIA | DIAMETER |
| E | ELECTRICAL |
| EX | EXISTING |
| GND | GROUND |
| KW | KILOWATT |
| REL | RELOCATED |
| REM | REMOVED |
| RGS | RIGID GALVANIZED STEEL |
| P | PROPOSED |
| PVC | POLY VINYL CHLORIDE (SCHEDULE 80 CONDUIT) |
| STA | STATION |

LEGEND

- EXISTING LIGHTING CONTROLLER TO REMAIN.
- NEW PAD MOUNTED LIGHTING CONTROLLER
- EXISTING COMBINATION LIGHT POLE AND FIXTURE TO REMAIN.
- EXISTING UTILITY POLE AND ATTACHED LIGHT FIXTURE.
- EXISTING VILLAGE OF WESTMONT CONCRETE LIGHT POLE AND FIXTURE.
- EXISTING VILLAGE OF WESTMONT ALUMINUM LIGHT POLE AND FIXTURE.
- PROPOSED VILLAGE OF WESTMONT 35 FT. HIGH ALUMINUM LIGHT POLE WITH 8 FT. MAST ARM AND 150W HPS LIGHT FIXTURE PER VILLAGE OF WESTMONT STANDARDS.
- GROUNDING
- EXISTING LIGHTING CABLE
- PROPOSED LIGHTING CABLE IN 2" SCHEDULE 80 PVC CONDUIT (CABLE SIZE AS NOTED)
- PROPOSED PUSHED THRU GALVANIZED STEEL CONDUIT



| IDOT CODED PAY ITEM NUMBER | DESCRIPTION | UNIT OF MEASURE | TOTAL QUANTITY |
|----------------------------|--|-----------------|----------------|
| 80400100 | ELECTRIC SERVICE INSTALLATION | EACH | 1 |
| 80400200 | ELECTRIC UTILITY SERVICE CONNECTION | L SUM | 1 |
| 81012600 | CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 904 |
| 81018500 | CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL | FOOT | 60 |
| 81018900 | CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL | FOOT | 210 |
| 81702120 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8 | FOOT | 1204 |
| 81702400 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2 | FOOT | 60 |
| 81702410 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 4 | FOOT | 1204 |
| 81900200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 874 |
| 82102150 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 150 WATT | EACH | 14 |
| 83007300 | LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MAST ARM | EACH | 11 |
| 83600200 | LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 149 |
| 84200500 | REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE | EACH | 6 |
| 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 195 |
| X0321478 | MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE | L SUM | 1 |
| X0323682 | BARE COPPER WIRE, NO. 2/0 | FOOT | 45 |
| X0324637 | BASE COVER, LIGHT POLE | EACH | 11 |
| X8250400 | LIGHTING CONTROLLER PEDESTAL MOUNT | EACH | 1 |
| X8380090 | BREAKAWAY DEVICE, COUPLING | EACH | 44 |
| X8730027 | ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 60 |
| | INTERCEPT EXISTING CONDUIT FOR LIGHT POLE | EACH | 6 |
| | INTERCEPT EXISTING CONDUIT FOR LIGHTING CONTROLLER | EACH | 1 |
| | REMOVAL OF EXISTING LUMINAIRE, SALVAGE | EACH | 3 |

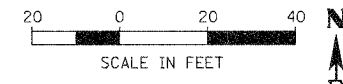
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION | |
|----------------|------|---|--|
| NAME | DATE | | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION ELECTRICAL GENERAL NOTES | |
| SCALE: N.T.S. | | DRAWN BY: FO | |
| DATE: 09/21/07 | | CHECKED BY: DEM | |

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| PLAN | DATE |
| BY | |
| DATE | |
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| PROFILE | DATE |
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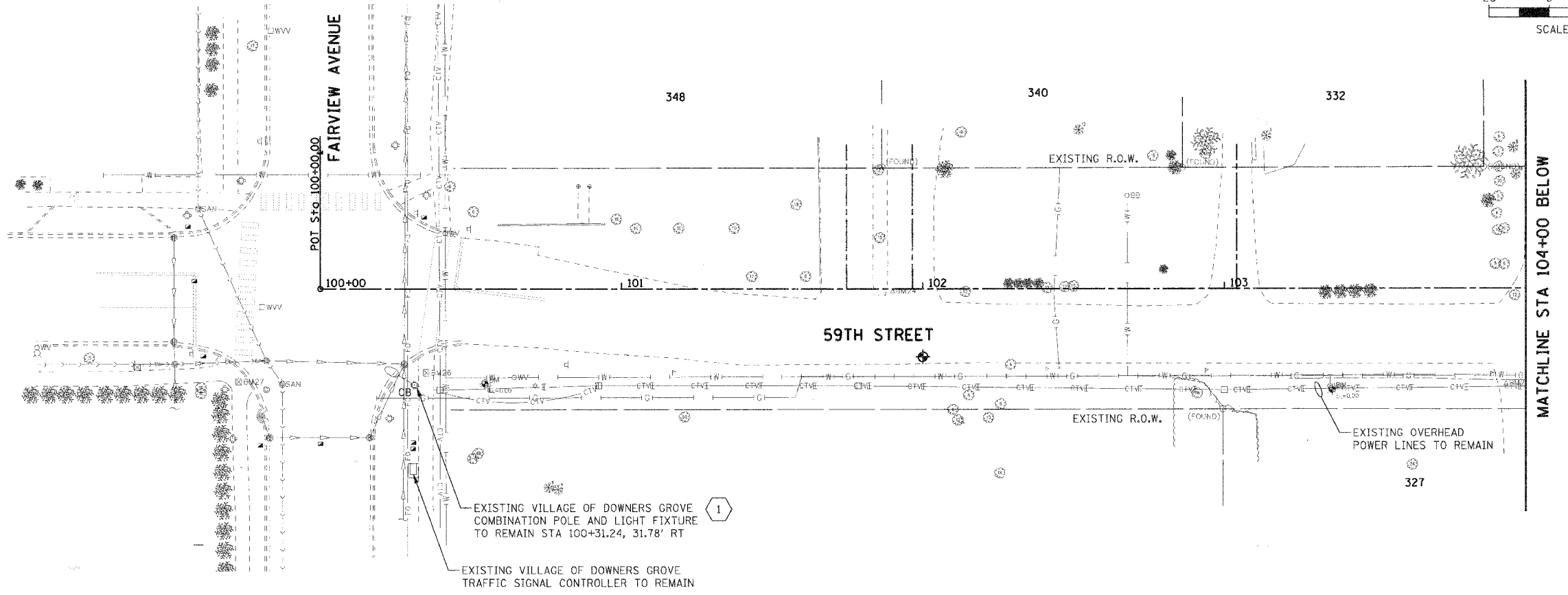
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PLOT SCALE = AS SHOWN
USER NAME = 010528

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 43 |
| STA. 100+00 | | TO STA. 109+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |



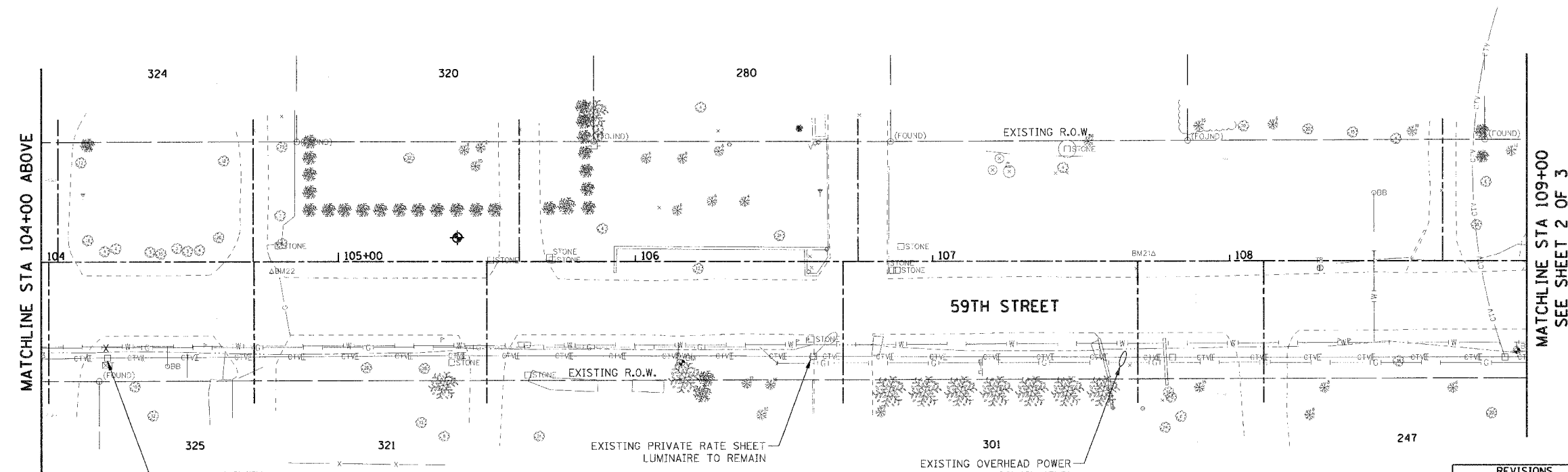
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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | REVISIONS | |
| | NO. OF REVISIONS | |
| | NO. OF REVISIONS CHECKED | |
| | DATE | |
| | BY | |
| | FILE NAME | |
| | USER NAME | |

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|---------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | REVISIONS | |
| | NO. OF REVISIONS | |
| | NO. OF REVISIONS CHECKED | |
| | DATE | |
| | BY | |
| | FILE NAME | |
| | USER NAME | |



- GENERAL NOTES**
- REFER TO DRAWING E-01 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
 - EXISTING LIGHT POLE AND ASSOCIATED CIRCUIT, CABLE, FOUNDATION, FIXTURE, ETC. TO REMAIN.
 - LOCATION OF EXISTING LIGHT POLES ARE APPROXIMATE. FIELD VERIFY EXACT LOCATION.

- KEY NOTES**
- 1 EXISTING COMBINATION POLE AND LIGHT FIXTURE TO REMAIN.



E-02 2 OF 12

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

VILLAGE OF WESTMONT
59TH STREET RECONSTRUCTION

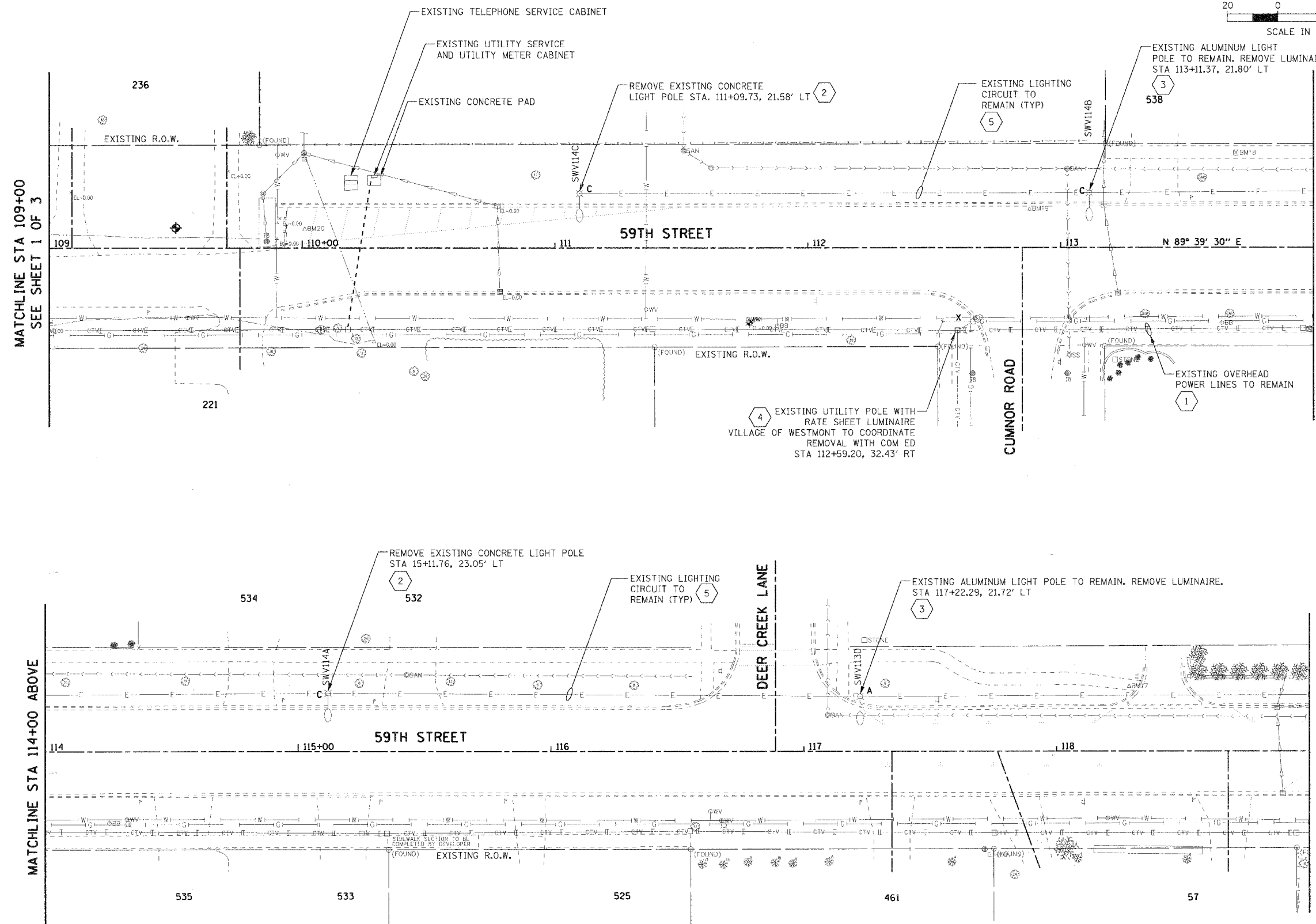
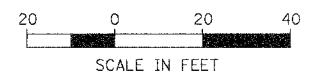
LIGHTING DEMOLITION PLAN
SHEET 1 OF 3

SCALE: 1"=20'
DATE: 09/21/07

DRAWN BY: FO
CHECKED BY: DEM

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FILE NAME = \$FILEL\$
PLOT SCALE = \$SCALE\$
USER NAME = \$USER\$

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 44 |
| STA. 109+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |



- GENERAL NOTES**
- REFER TO DRAWING E-01 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
 - EXISTING LIGHT POLE AND ASSOCIATED CIRCUIT, CABLE, FOUNDATION, FIXTURE, ETC. TO REMAIN.
 - LOCATION OF EXISTING LIGHT POLES ARE APPROXIMATE. FIELD VERIFY EXACT LOCATION.

- KEY NOTES**
- EXISTING OVERHEAD POWER LINES TO REMAIN.
 - EXISTING 35 FOOT HIGH CONCRETE LIGHT POLE WITH 8 FOOT MAST ARM AND 150W HPS LIGHT FIXTURE TO BE REMOVED.
 - EXISTING 35 FOOT HIGH ALUMINUM LIGHT POLE WITH 8 FOOT MAST ARM. REMOVE AND SALVAGE EXISTING HPS LIGHT FIXTURE.
 - EXISTING POWER POLE AND RATE SHEET LIGHT FIXTURE.
 - EXISTING LIGHTING CIRCUIT TO REMAIN. FIELD VERIFY EXISTING WIRE SIZE FOR AS-BUILT DRAWINGS.

PLAN

| NO. | DATE | BY |
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REVISIONS
 SUBMITTED
 PLOTTED
 CHECKED
 REVISIONS
 NO. DATE BY

PROFILE

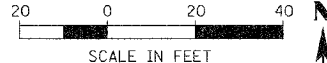
| NO. | DATE | BY |
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 NO. DATE BY

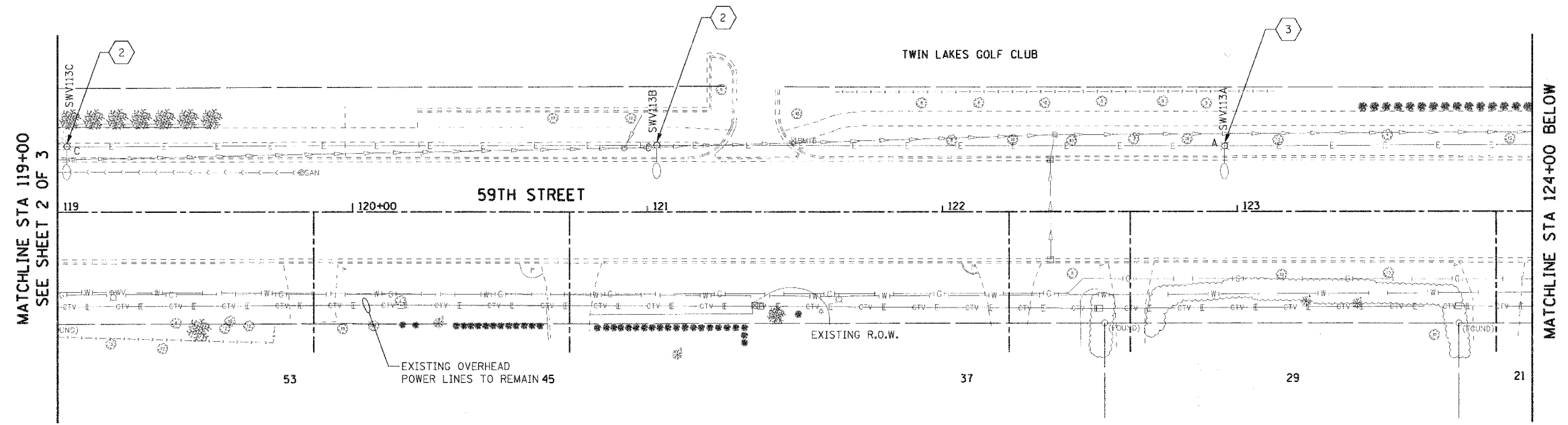
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| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION LIGHTING DEMOLITION PLAN SHEET 2 OF 3 SCALE: 1"=20' DATE: 09/21/07 DRAWN BY: FO CHECKED BY: DEM |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 45 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |



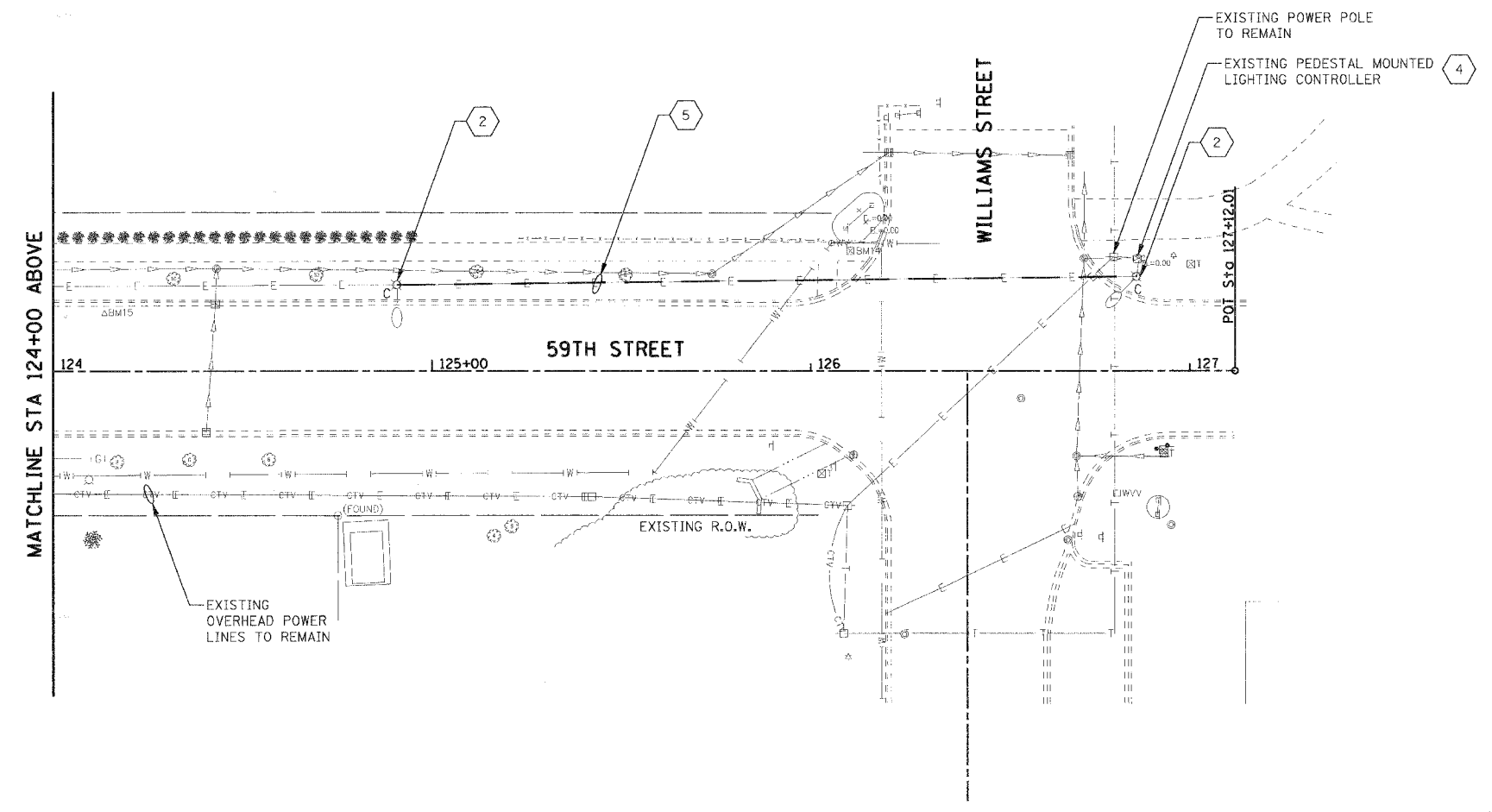
| | | | |
|-----------|-----------|----|------|
| PLAN | SUBMITTED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| | CHECKED | | |
| | DATE | | |



GENERAL NOTES

1. REFER TO DRAWING E-01 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. EXISTING LIGHT POLE AND ASSOCIATED CIRCUIT, CABLE, FOUNDATION, FIXTURE, ETC. TO REMAIN.
3. LOCATION OF EXISTING LIGHT POLES ARE APPROXIMATE. FIELD VERIFY EXACT LOCATION.

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| PROFILE | SUBMITTED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| | CHECKED | | |
| | DATE | | |



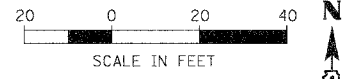
KEY NOTES:

1. EXISTING OVERHEAD POWER LINES TO REMAIN.
2. EXISTING 35 FOOT HIGH CONCRETE LIGHT POLE WITH ASSOCIATED 8 FOOT MAST ARM AND 150W HPS LIGHT FIXTURE TO BE REMOVED.
3. EXISTING 35 FOOT HIGH ALUMINUM LIGHT POLE WITH 8 FOOT MAST ARM. REMOVE AND SALVAGE EXISTING HPS LIGHT FIXTURE.
4. EXISTING PEDESTAL MOUNTED LIGHTING CONTROLLER TO REMAIN.
5. DISCONNECT EXISTING CIRCUIT AS INDICATED IN THE DRAWING. DO NOT DISCONNECT EXISTING CIRCUIT PRIOR TO ACCEPTANCE OF NEW CONSTRUCTION BY THE VILLAGE OF WESTMONT. REMOVE EXISTING CONDUCTORS AND INSTALL PULL ROPE. CLOSE CONDUIT ENDS WITH DUCT SEAL COMPOUND.

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 PLOT SCALE = *SCALE*
 USER NAME = *USER*

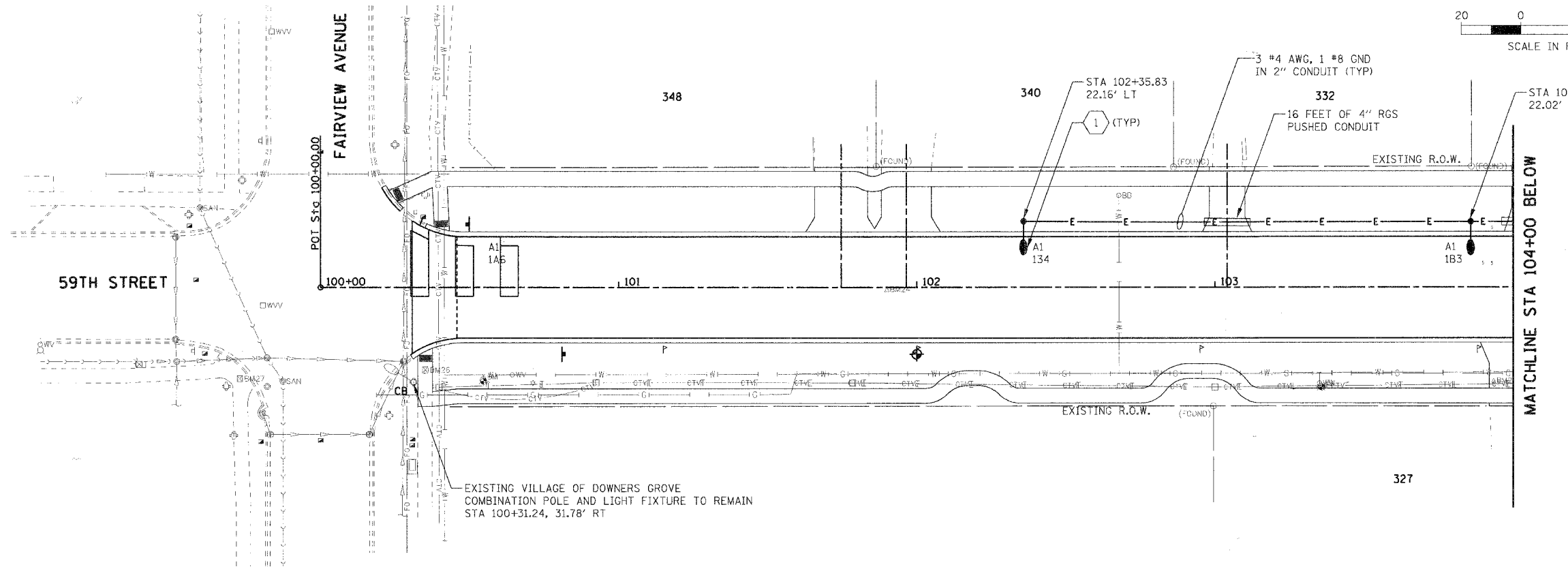
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION LIGHTING DEMOLITION PLAN SHEET 3 OF 3 SCALE: 1"=20' DATE: 09/21/07 DRAWN BY: FO CHECKED BY: DEM |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEET SHEETS NO. |
|---|----------------|----------------|------------------------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 46 |
| STA. 100+00 | | TO STA. 109+00 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | |
| PROJECT NO.: M-8003 (699) | | | |



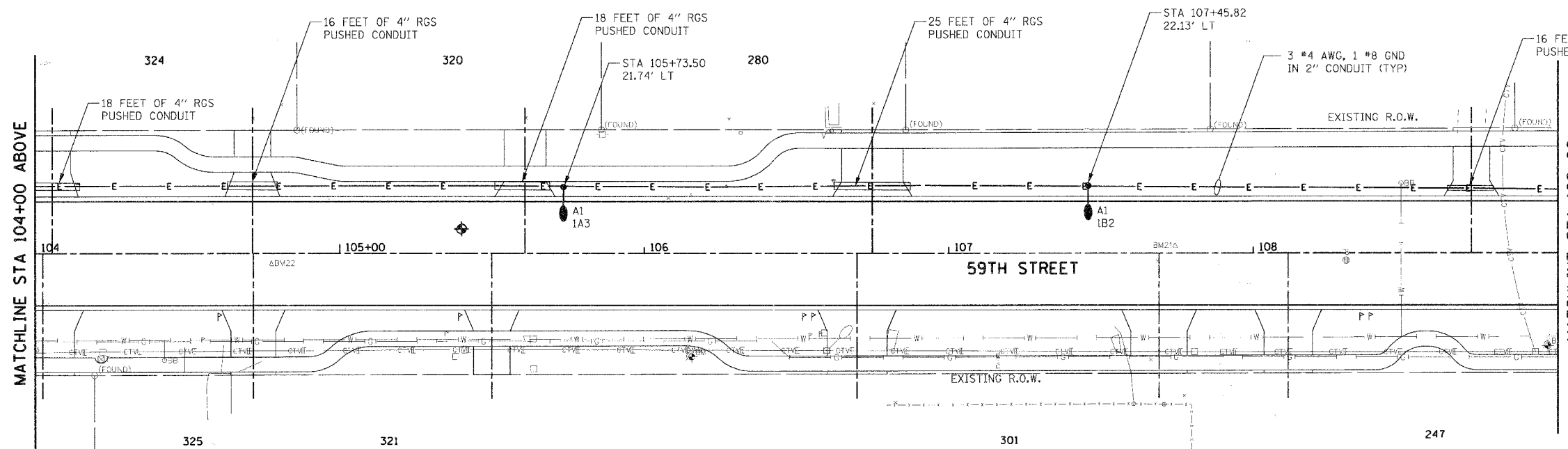
| | | |
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| PLAN | DESIGNED | DATE |
| | BY | |
| | NOTED | |
| | ALIGNED | |
| | CHECKED | |
| | DATE | |
| | BY | |
| | NOTED | |
| | ALIGNED | |
| | CHECKED | |
| | DATE | |
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| PROFILE | DESIGNED | DATE |
| | BY | |
| | NOTED | |
| | ALIGNED | |
| | CHECKED | |
| | DATE | |
| | BY | |
| | NOTED | |
| | ALIGNED | |
| | CHECKED | |
| | DATE | |
| | BY | |



- GENERAL NOTES**
- REFER TO DRAWING E-01 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
 - LOCATION OF EXISTING LIGHT POLES ARE APPROXIMATE. FIELD VERIFY EXACT LOCATION.
 - COORDINATE EXACT LOCATION OF NEW LIGHT POLES WITH CIVIL WORK AND VILLAGE OF WESTMONT.

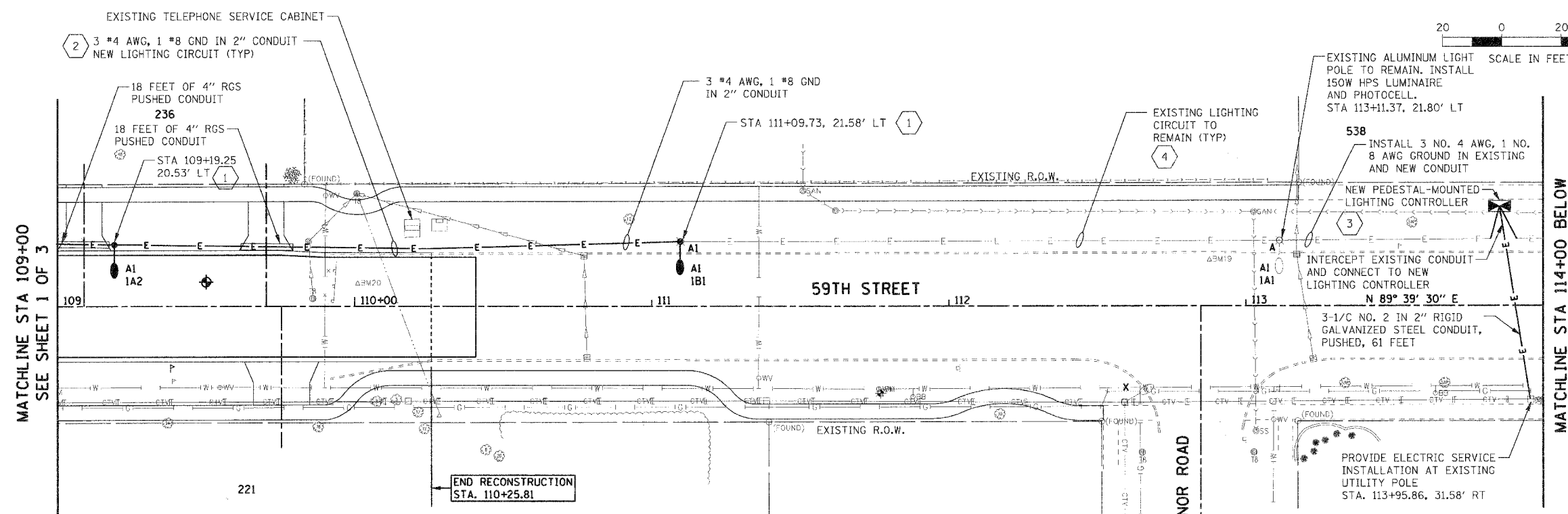
- KEY NOTES**
- PROVIDE NEW LIGHT POLE AND LIGHT FIXTURE IN ACCORDANCE WITH DETAILS ON SHEET E-08.
 - PROVIDE NEW LIGHT CIRCUIT AND ASSOCIATED CONDUIT AND WIRES PER VILLAGE OF WESTMONT STANDARDS.



PLT DATE # DATES
 FILE NAME # REVISIONS
 USER NAME # NUMBER

| | | |
|----------------|------|--|
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION PROPOSED LIGHTING PLAN SHEET 1 OF 3 |
| NAME | DATE | |
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| SCALE: 1"=20' | | DRAWN BY: FO |
| DATE: 09/21/07 | | CHECKED BY: DEM |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 47 |
| STA. 109+00 | | TO STA. 119+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

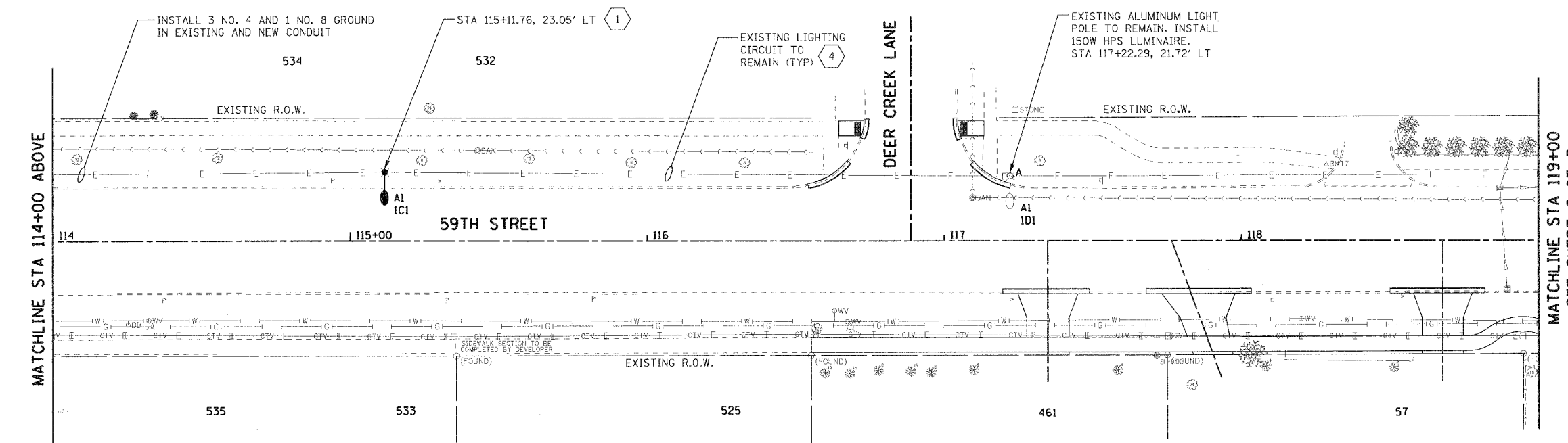


MATCHLINE STA 109+00
SEE SHEET 1 OF 3

MATCHLINE STA 114+00 BELOW
SEE SHEET 3 OF 3

- GENERAL NOTES:
- REFER TO DRAWING E-01 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
 - LOCATION OF EXISTING LIGHT POLES ARE APPROXIMATE. FIELD VERIFY EXACT LOCATION.
 - COORDINATE EXACT LOCATION OF NEW LIGHT POLES WITH CIVIL WORK AND VILLAGE OF WESTMONT.

- KEY NOTES:
- PROVIDE NEW LIGHT POLE AND LIGHT FIXTURE IN ACCORDANCE WITH DETAILS ON SHEET E-08.
 - PROVIDE NEW LIGHT CIRCUIT AND ASSOCIATED CONDUIT AND WIRES PER VILLAGE OF WESTMONT STANDARDS.
 - PROVIDE NEW LIGHTING CONTROLLER AND INSTALL ON TYPE A CONCRETE FOUNDATION. COORDINATE EXACT REQUIREMENTS WITH THE VILLAGE.
 - EXISTING LIGHTING CIRCUIT TO REMAIN.



MATCHLINE STA 114+00 ABOVE
SEE SHEET 1 OF 3

MATCHLINE STA 119+00
SEE SHEET 3 OF 3

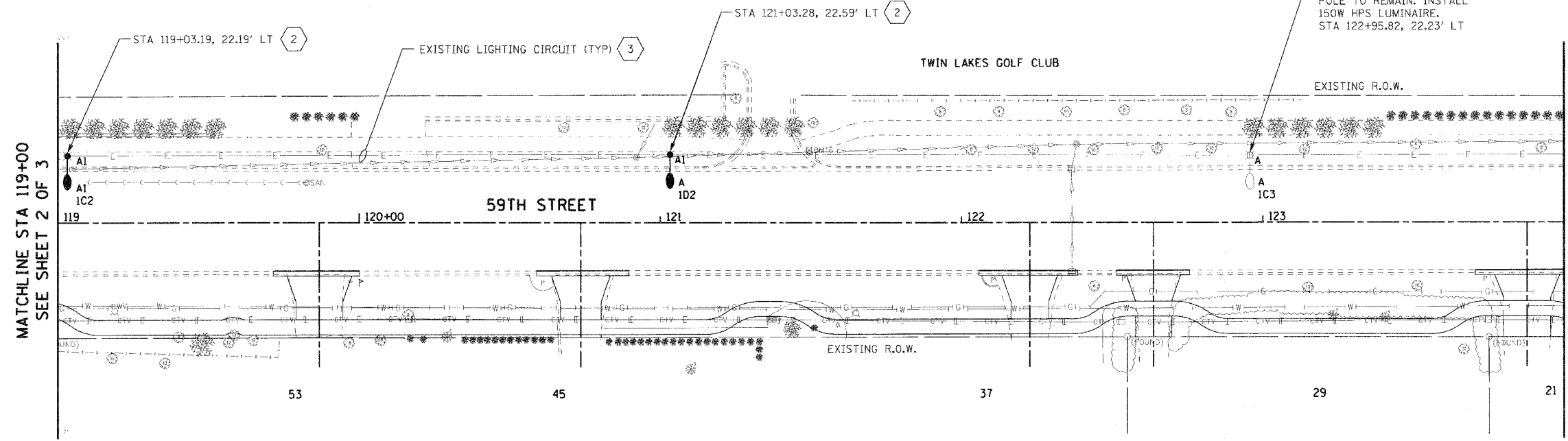
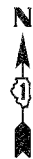
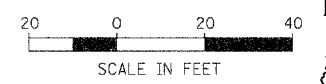
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|----------------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION PROPOSED LIGHTING PLAN SHEET 2 OF 3 |
| | | |
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| SCALE: 1"=20' | | DRAWN BY: FO |
| DATE: 09/21/07 | | CHECKED BY: DEM |

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| PLAN | DATE |
| NO. _____ | BY _____ |
| NO. _____ | DATE _____ |
| NO. _____ | DATE _____ |
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| NO. _____ | DATE _____ |
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| PROFILE | DATE |
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PLOT DATE = *DATE*
FILE NAME = *SCALE*
PLOT SCALE = *SCALE*
USER NAME = *USER*

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 48 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

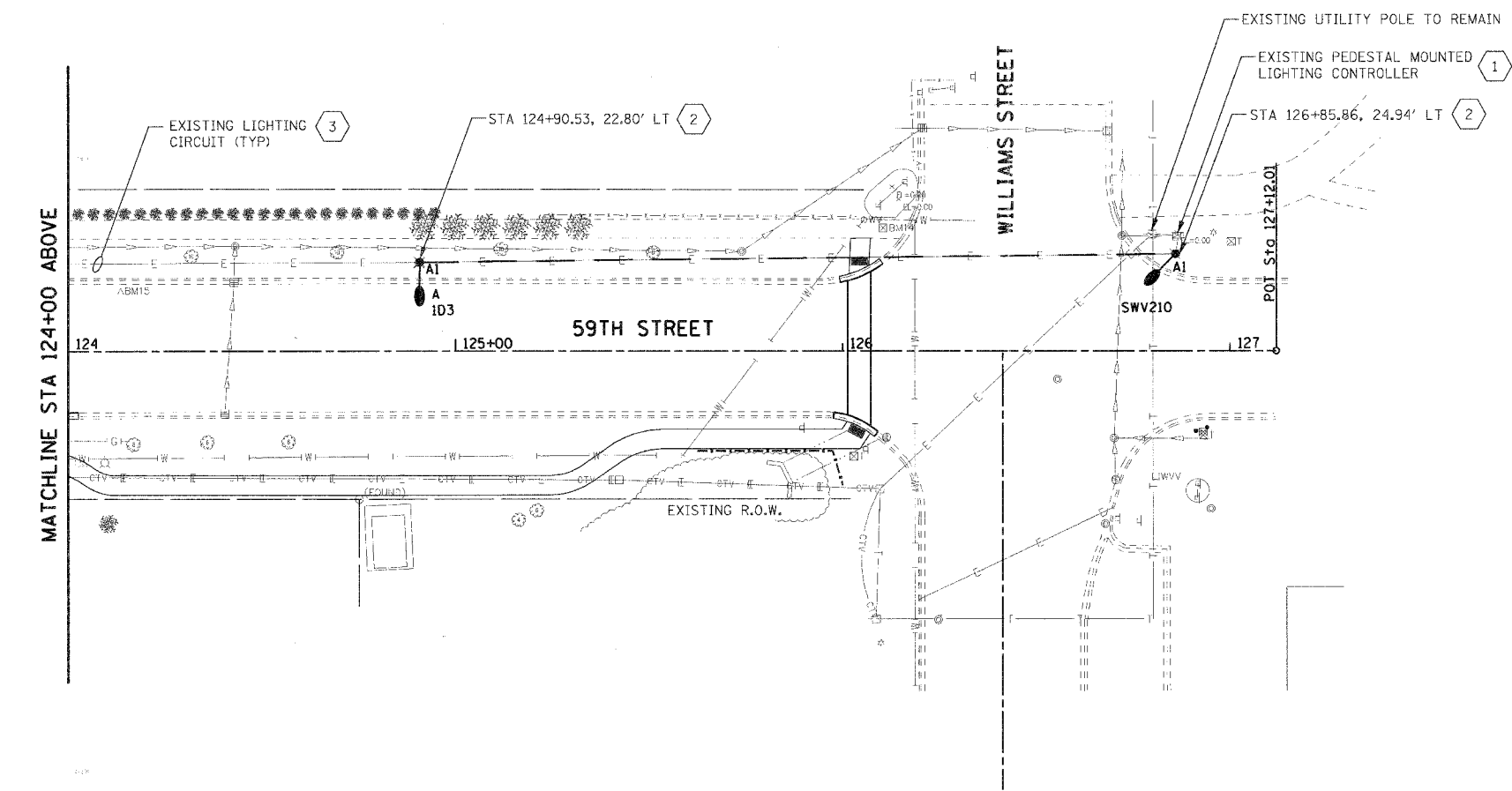


GENERAL NOTES:

1. REFER TO DRAWING E-01 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. EXISTING LIGHT POLE AND ASSOCIATED CIRCUIT, CABLE, FOUNDATION, FIXTURE, ETC. TO REMAIN.
3. LOCATION OF EXISTING LIGHT POLES ARE APPROXIMATE. FIELD VERIFY EXACT LOCATION.

KEY NOTES:

- 1 EXISTING PEDESTAL MOUNTED LIGHTING CONTROLLER TO REMAIN.
- 2 PROVIDE NEW LIGHT POLE AND LIGHT FIXTURE IN ACCORDANCE WITH DETAILS ON SHEET E-08
- 3 EXISTING LIGHTING CIRCUIT TO REMAIN.



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| PLAN | SUBMITTED | DATE |
| | BY | |
| | CHECKED | |
| | DATE | |
| | FILE NAME | |
| | USER NAME | |

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| PROFILE | SUBMITTED | DATE |
| | BY | |
| | CHECKED | |
| | DATE | |
| | FILE NAME | |
| | USER NAME | |

PLOT DATE: *DATE*
 FILE NAME: *FILE*
 PLOT SCALE: *SCALE*
 USER NAME: *USER*

E-07 7 OF 12

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|----------------|------|---|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION PROPOSED LIGHTING PLAN SHEET 3 OF 3 |
| | | |
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| SCALE: 1"=20' | | DRAWN BY: FO |
| DATE: 09/21/07 | | CHECKED BY: DEM |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|---------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 49 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

CONSTRUCTION NOTES

- A. Mounted Luminaire (See Note 1)
- B. Photocontrol
- C. Alum. Tapered Elliptical Arm
- D. Cast Top
- E. Stainless Steel Mounting
- F. Spun Alum. Tapered Tube (See Note 2)
- G. Handhole
- H. Cast Alum. Bolt Cover
- I. Dependent on Soil Conditions, 6' Min.
- J. Conduit (See Note 5)
- K. 4" Min. Topsoil & Sod
- L. 5/8" Dia. x 10'-0" Copperweld Ground Rod. Attach to Ground Wire.
- M. Clean Sand or Gravel
- N. Normal Backfill
- O. For Re-Bar Placement and Bolt Circle, See Manufac. Spec's.
- P. Anchor Bolts, See Manufac. Spec's.
- Q. 2" Min. Dia. Conduit
- R. Bushing
- S. Gravel
- T. Undisturbed Earth
- U. 6-Bag Mix Concrete Foundation

GENERAL NOTES

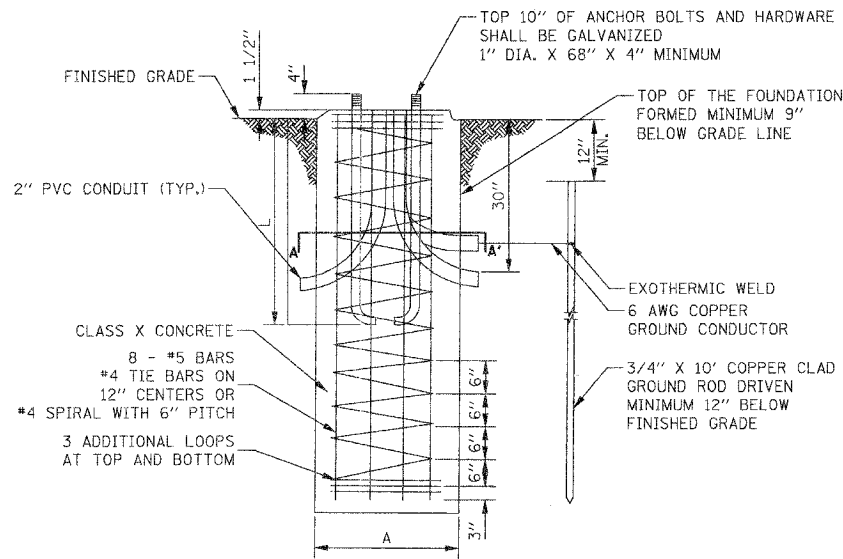
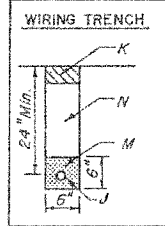
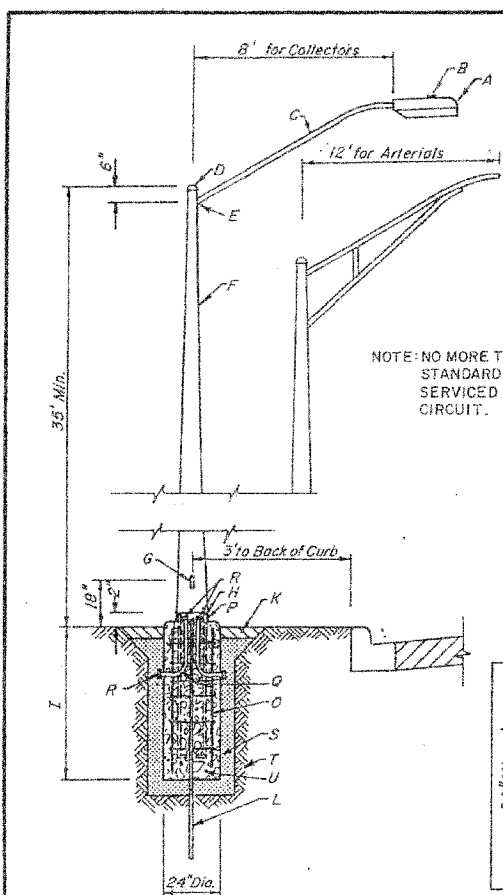
1. Luminaire shall be High Pressure Sodium Vapor, Cooper Utility Lighting, 250 Watt Arterials (Cat. No. OVH25 SC 22 D 4H - RA1014), 150W on Collector or Industrial Streets (Cat. No. OVH 15 SR 22 D 4H - RA1014), or Approved Equal.
2. Pole shall be Hapco Cat. No. 21-8571 (8' arm) and 31-871 (12' arm), or Approved Equal.
3. For Arterials, Every Other Pole shall be Opposite Side of Street.
4. Spacing shall be a Max. of 200'.
5. Circuiting shall be 120/240 Volt, Single Phase, 60 Cycle. Cable shall be 3 Wire, #6, Type UF Copper in 1/4" Polyethylene Unit Duct or Galvanized Conduit.
6. Service Connection shall be Requested and Paid For by Installer.
7. Case Grounding shall be Provided for Each Pole.
8. Heavy Wall, Rigid Conduit or Intermediate Metallic Conduit shall be Provided for All Street, Driveway, and Parking Lot Crossings.
9. Separate Permits and Inspection Requests Required from Both the Engineering Dept. and Electrical Inspector.

NOTE: NO MORE THAN TWO (2) STANDARDS SHALL BE SERVICED ON THE SAME CIRCUIT.

VILLAGE OF WESTMONT
STREET LIGHT - TYPE 2
ARTERIAL, COLLECTOR, OR INDUSTRIAL

ISSUED: March 1988
REVISED: July 1997

DWG. R-14-1

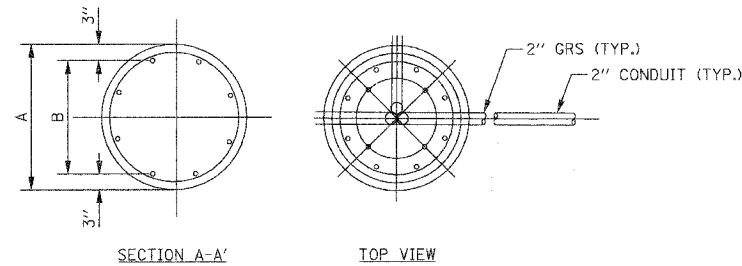


LIGHTING FOUNDATION DIMENSIONS

| MOUNTING HEIGHT | A | B | L | ANCHOR BOLT DIAMETER |
|-----------------|-----|-----|-----|----------------------|
| 35'-0" | 24" | 18" | 56" | 1" |

NOTES:

1. THE ENGINEER SHALL DETERMINE IF THE CLASS OF SOIL DURING THE EXCAVATION AND SELECT THE DEPTH OF THE FOUNDATION FROM THE DESIGN TABLES.
2. EXCAVATION OF THE FOUNDATION SHALL BE MADE WITH A 30" DIAMETER AUGER UNLESS A LARGER DIAMETER IS REQUIRED FOR THE ANCHOR BOLT PATTERN. THE MINIMUM DIAMETER OF THE SHAFT SHALL BE THE ANCHOR BOLT CIRCLE DIAMETER PLUS 12".
3. THE CONTRACTOR SHALL USE A NO. 3 SPIRAL CAGE WITH A 6" PITCH, OR AT HIS OPTION, MAY SUBSTITUTE WITH NO. 3 HOOPS AT 12" ON-CENTER.
4. EACH ANCHOR BOLT SHALL BE FURNISHED WITH TWO (2) FLAT WASHERS AND TWO (2) HEX NUTS. THEY SHALL BE EITHER GALVANIZED OR STAINLESS STEEL TO MATCH THE ANCHOR BOLTS.
5. RACEWAYS SHALL BE INSTALLED PARALLEL TO THE EDGE OF PAVEMENT.
6. ANCHOR BOLTS, RACEWAYS, AND REINFORCING STEEL SHALL BE SECURED IN-PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
7. CONCRETE SHALL BE AN IDOT CLASS SI MIX, WITH A MINIMUM STRENGTH OF 3500 PSI.
8. THE CONCRETE SHALL CURE FOR A MINIMUM OF SEVEN (7) DAYS BEFORE ERECTING THE LIGHT POLE.
9. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ERECTING THE LIGHT POLE.
10. ANCHOR BOLTS SHALL PROJECT A MINIMUM OF TWO (2) INCHES AND A MAXIMUM OF FOUR (4) INCHES ABOVE THE TOP OF THE FOUNDATION.
11. RACEWAYS SHALL PROJECT ONE (1) INCH ABOVE THE TOP OF THE FOUNDATION.
12. ALL GROUND ROD CONNECTIONS SHALL BE MADE BELOW GRADE, TWELVE (12) INCHES MINIMUM BURY, WITH EXOTHERMIC INERT GAS WELDS.



NOTE: BOLT CIRCLE AS A MANUFACTURER'S TEMPLATE

LIGHT POLE FOUNDATION DETAIL
NOT TO SCALE

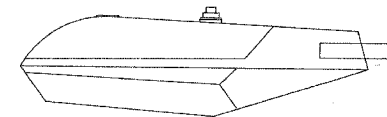
| TYPE OF SOIL | DESIGN DEPTH | | REINFORCEMENT IN FOUNDATION | | | |
|--------------|--------------|------------|-----------------------------|---------|---------------------|---------|
| | SINGLE ARM D | TWIN ARM D | SINGLE ARM VERT. BARS | SPIRAL | TWIN ARM VERT. BARS | SPIRAL |
| SOFT CLAY | 13'-0" | 15'-0" | 4-#6X12'-6" | #3X122' | 4-#6X14'-6" | #3X141' |
| MEDIUM CLAY | 9'-6" | 10'-9" | 4-#6X9'-0" | #3X90' | 4-#6X10'-3" | #3X100' |
| STIFF CLAY | 8'-0" | 8'-0" | 4-#6X7'-6" | #3X76' | 4-#6X7'-6" | #3X76' |
| LOOSE SAND | 9'-0" | 10'-0" | 4-#6X8'-6" | #3X85' | 4-#6X8'-6" | #3X85' |
| MEDIUM SAND | 8'-3" | 9'-0" | 4-#6X7'-9" | #3X78' | 4-#6X8'-6" | #3X85' |
| DENSE SAND | 8'-0" | 9'-0" | 4-#6X7'-6" | #3X76' | 4-#6X8'-6" | #3X85' |

NOTES:

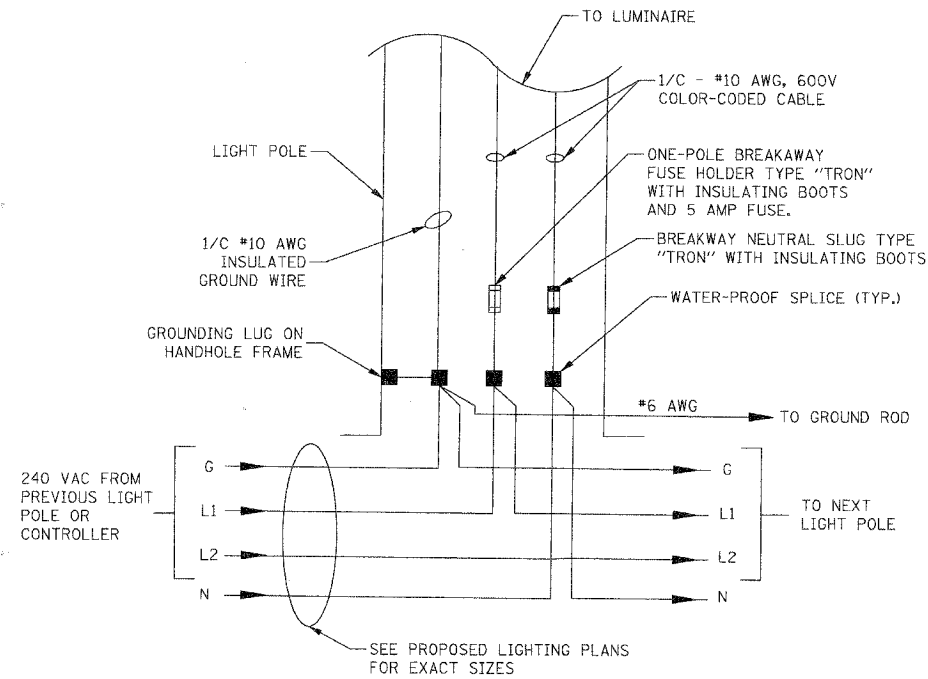
1. THE CONTRACTOR, AT HIS OPTION, MAY SUBSTITUTE #3 HOOPS AT 12" ON-CENTER FOR SPIRAL CAGE.
2. THE CONTRACTOR SHALL USE THE VALUES FOR TWIN ARM INSTALLATION FOR THIS PROJECT.

LIGHT FIXTURE SCHEDULE

| LABEL | ARRANGEMENT | LUMENS | LLF | DESCRIPTION |
|-------|-------------|--------|-------|--------------------|
| A1 | SINGLE | 16,000 | 0.700 | OVH15S22D4H-RA1014 |



150 WATT HPS LUMINAIRE



LIGHT POLE HANDHOLE WIRING DETAIL
NOT TO SCALE

| DATE | BY | REVISION |
|------|----|----------|
| | | |
| | | |
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| DATE | BY | REVISION |
|------|----|----------|
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FILE NAME: * FILENAME *
PLOT SCALE: * SCALE *
USER NAME: * USERNAME *

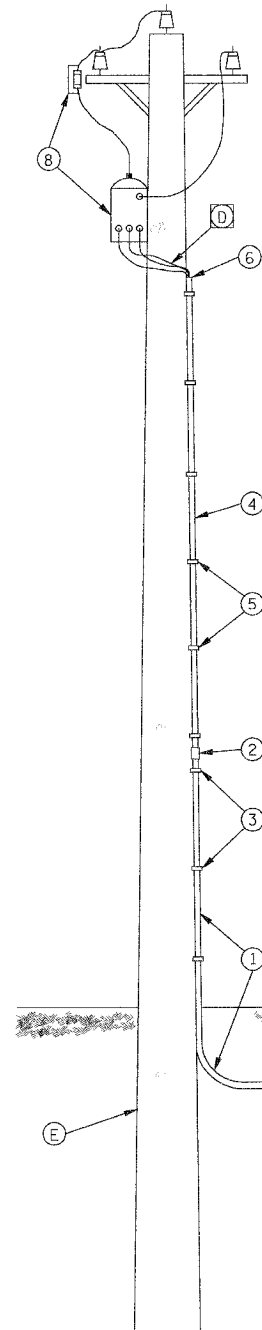
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|-----------|------|---|-----------------|
| NAME | DATE | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION | |
| | | ELECTRICAL DETAILS SHEET 1 OF 5 | |
| | | SCALE: N.T.S. | DRAWN BY: FO |
| | | DATE: 09/21/07 | CHECKED BY: DEM |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|---|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 50 |
| STA. TO STA. | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| PLAN | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | |
| NO. | CHECKED | |
| | BY | |
| | DATE | |

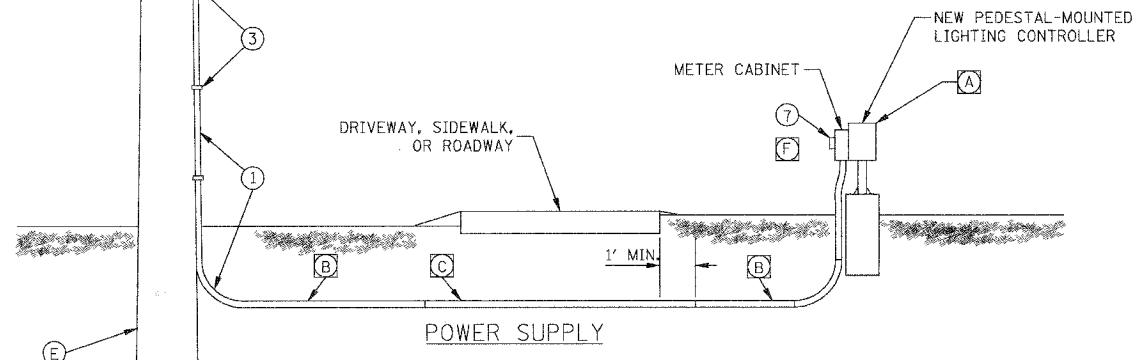
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| PROFILE | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | |
| NO. | CHECKED | |
| | BY | |
| | DATE | |

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 PLOT SCALE = #SCALE#
 USER NAME = #USER#



CONTRACTOR SHALL FURNISH AND INSTALL

- A CONTROL CABINET - INCLUDING FOUNDATION AND METER CABINET WITH CONNECTION DEVICES, WIRES, AND FITTINGS
 - B CONDUIT IN TRENCH- 2" DIA.
 - C CONDUIT PUSHED- 2" DIA.
 - D ELECTRIC CABLE- CABLES FROM INSIDE THE METER BOX TO TOP OF CONDUIT AND ENOUGH CABLE FOR THE CONNECTION TO THE TRANSFORMER
 - E SERVICE POLE (EXISTING)
 - F ELECTRIC SERVICE CONNECTION: "ELECTRIC UTILITY SERVICE CONNECTION" APPLIES TO THOSE FACILITIES REQUIRED IN ADDITION TO WHAT IS DETERMINED BY AGREEMENT WITH COMED TO BE A NORMAL INSTALLATION. SUCH FACILITIES WILL BE PAID FOR AS "ELECTRICAL UTILITY SERVICE CONNECTION" AS SPECIFIED IN THE SPECIAL PROVISIONS.
- 1 CONDUIT- 2" DIA., ONE 10' SECTION AND ONE 90 DEGREE ELBOW
 - 2 OUTDOOR ADAPTER COUPLING FOR METALLIC TO NON-METALLIC CONDUIT
 - 3 GALVANIZED CONDUIT STRAPS AND LAG SCREWS
 - 4 2" DIA. NON-METALLIC, RIGID CONDUIT, APPROXIMATELY 17' LONG
 - 5 GALVANIZED CONDUIT STRAPS AND LAG SCREWS
 - 6 WEATHERPROOF SERVICE HEAD



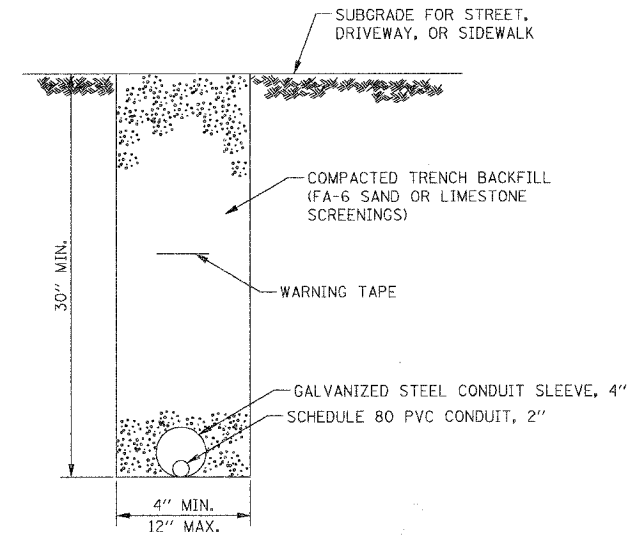
COMED SHALL FURNISH AND INSTALL FREE OF CHARGE

- 7 METER ON CONTROL CABINET AS PART OF SERVICE POLE INSTALLATION (EXISTING)
- 8 SERVICE POLE INSTALLATION: TRANSFORMER, CUT-OUT SWITCH, LIGHTING ARRESTER, GROUNDING EQUIPMENT, INSULATORS, WIRES, POLE, MAST ARM, HARDWARE, AND ANY OTHER EQUIPMENT AND LABOR DEEMED NECESSARY.

- ◻ INDICATES PAY ITEM
- INDICATES WORK INCLUDED IN ELECTRIC SERVICE INSTALLATION PAY ITEM

NOTE:
 SERVICE INSTALLATION SHALL BE COORDINATED WITH COMED PRIOR TO THE START OF CONSTRUCTION. ANY AND ALL COMED REQUIREMENTS SHALL BE INCLUDED.

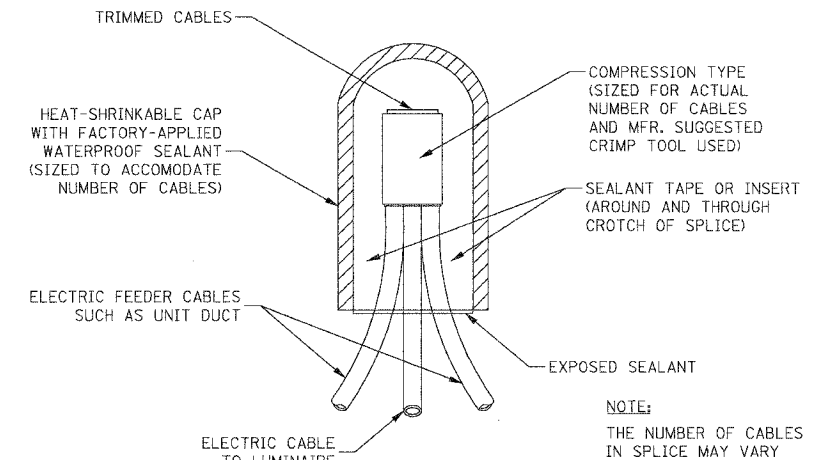
SERVICE POLE INSTALLATION
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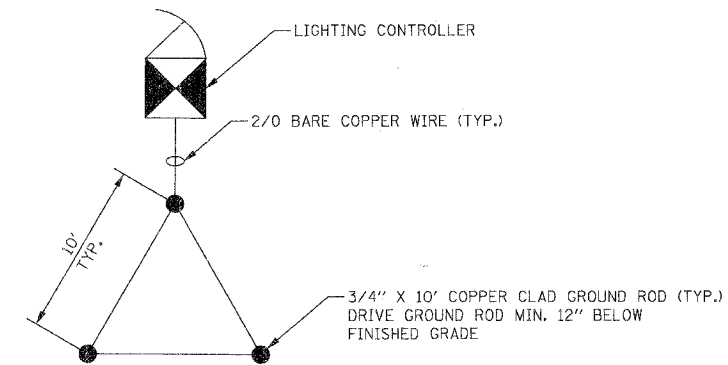
TYPICAL CONDUIT TRENCH DETAIL
 UNDER PAVEMENT
 NOT TO SCALE

NOTES:

1. CONDUIT SHALL BE SCHEDULE 80 PVC, A MINIMUM OF 2" IN DIAMETER.
2. CONDUIT SLEEVES SHALL BE HOT DIPPED GALVANIZED STEEL, 4" DIA., AND EXTEND A MINIMUM OF 5' BEYOND THE STREET, DRIVEWAY, OR SIDEWALK.
3. CONDUIT SHALL HAVE BOTH ENDS CAPPED UNTIL USED.
4. WHEN PLACED INTO SERVICE, CONDUIT SHALL BE SEALED WITH A WORKABLE SOFT PLASTIC SEALING COMPOUND AT EACH END.
- 6" WIDE REINFORCED METALLIC WARNING TAPE WITH 5. RED AND BLACK LETTERING TO READ "CAUTION- ELECTRICAL LINE BURIED BELOW." WARNING TAPE TO BE PLACED 1' MINIMUM TO 2' MAXIMUM BELOW FINISHED GRADE.
6. ALL GRASSY AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH 4" OF TOPSOIL AND SOD.



SPLICING ELECTRIC CABLES
BASIC MATERIALS & METHODS
 NOT TO SCALE



NOTE:
 USE EXOTHERMIC WELD FOR ALL GROUND CONNECTIONS

GROUND FIELD DETAIL
 NOT TO SCALE

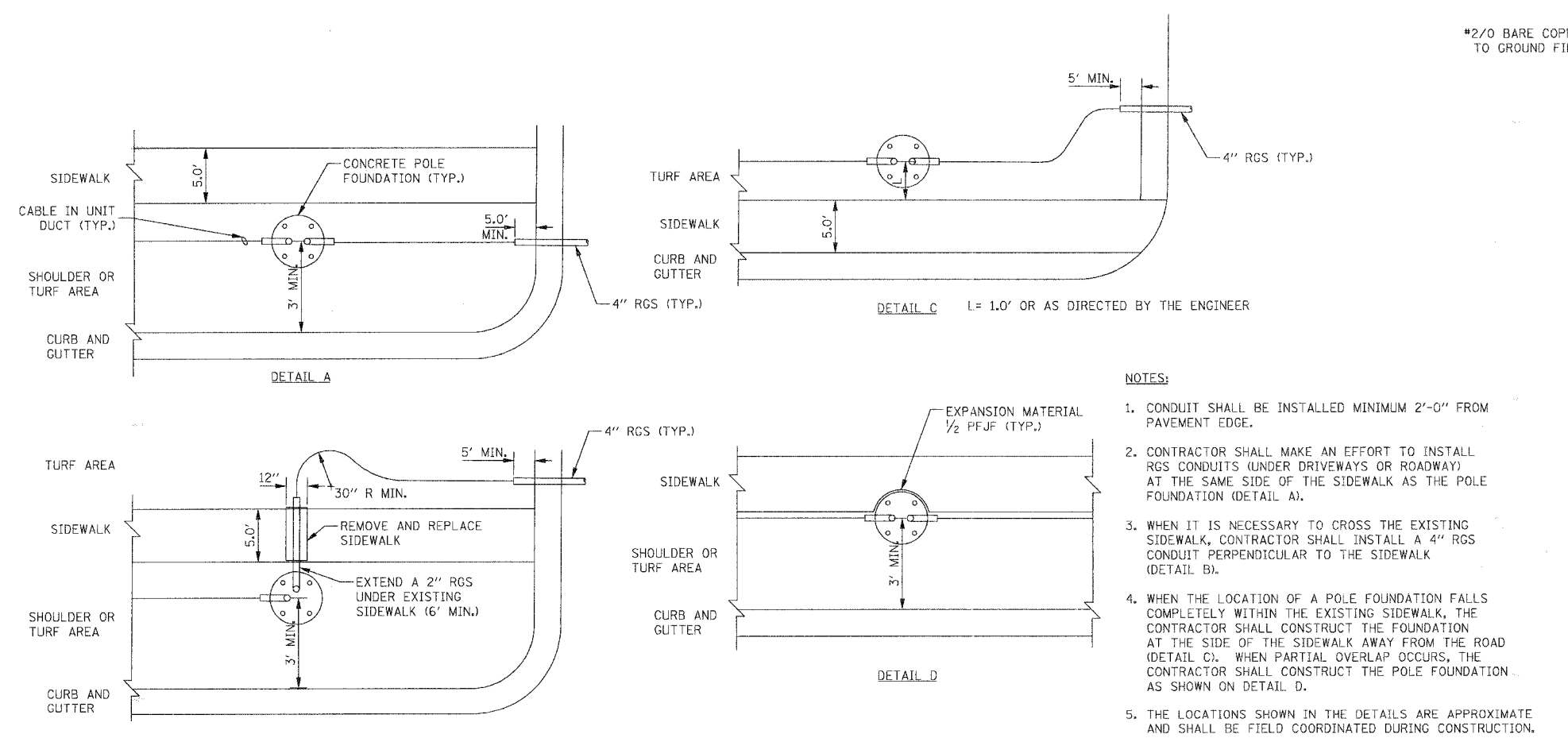
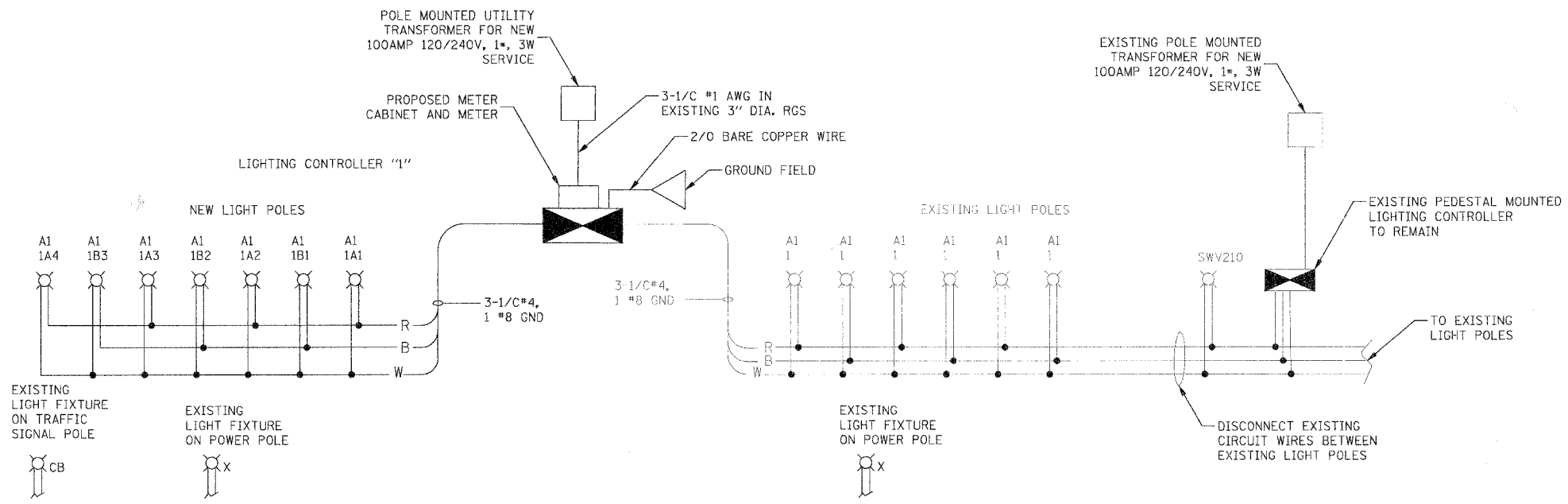
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|-----------|------|---------------------------------------|-----------------|
| NAME | DATE | | |
| | | VILLAGE OF WESTMONT | |
| | | 59TH STREET RECONSTRUCTION | |
| | | ELECTRICAL DETAILS | |
| | | SHEET 2 OF 5 | |
| | | SCALE: N.T.S. | DRAWN BY: FO |
| | | DATE: 09/21/07 | CHECKED BY: DEM |

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|---|----------------|--------|--------------|-----------|
| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 51 |
| STA. 119+00 | TO STA. 127+00 | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

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| DATE | |
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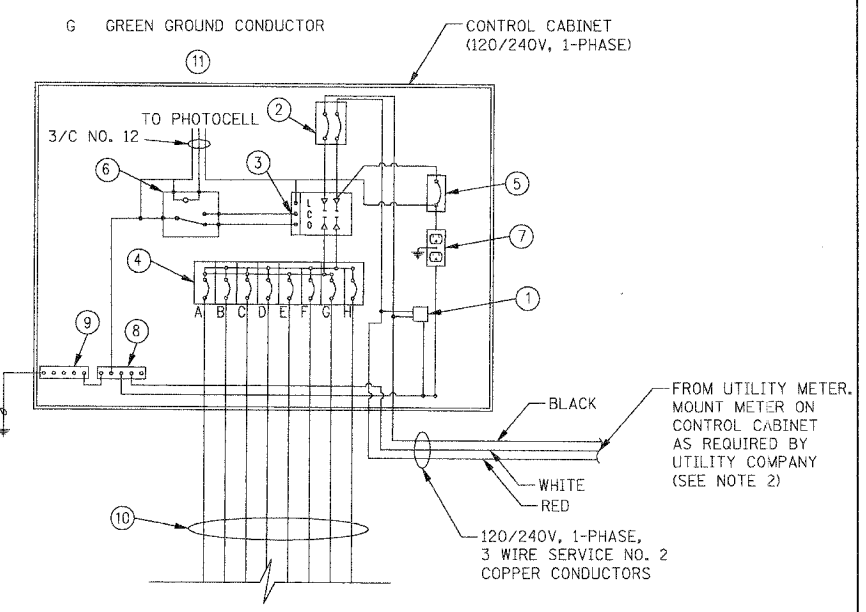
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 USER NAME = #USER#



TYPICAL CONDUIT INSTALLATION DETAILS NEAR INTERSECTIONS

LEGEND

- ☒ SINGLE 150W HPS LUMINAIRE - 120V, DESIGNATION AS INDICATED
- ⬮ LIGHTING CONTROLLER
- ◻ UTILITY TRANSFORMER
- B BLACK PHASE CONDUCTOR
- W WHITE NEUTRAL CONDUCTOR
- R RED PHASE CONDUCTOR
- G GREEN GROUND CONDUCTOR



PROPOSED CONTROL CABINET TYPICAL SCHEMATIC DIAGRAM

NOTES:

1. THIS DIAGRAM IS GENERAL IN NATURE. THE CONTRACTOR SHALL SUPPLY SHOP DRAWINGS AND CATALOGUE CUTS FOR THE SPECIFIC EQUIPMENT TO BE USED TO THE VILLAGE FOR THEIR APPROVAL PRIOR TO THE START OF CONSTRUCTION.
2. AVAILABLE SHORT CIRCUIT CURRENT FROM UTILITY, APPROXIMATELY 15,000 KAIC

CONTROL CABINET LEGEND

- | | |
|---|---|
| ① 10,000 AMP SURGE ARRESTOR (ELECTRONIC GUARD, EG 240 RC BY INTERMATIC) | ⑥ CONTROL RELAY, 120 V COIL, CONTACTS RATED 10A AT 120 VAC, HERMETICALLY SEALED |
| ② 100 AMP, 2 POLE MAIN CIRCUIT BREAKER, 240V, 22KAIC (TYPE "TEB" BY GENERAL ELECTRIC OR TYPE "FAL" BY SQUARE D) | ⑦ 15AMP, 120V, DUPLEX GFCI OUTLET |
| ③ 100 AMP, 2 POLE SINGLE THROW, ELECTRICALLY OPERATED, MECHANICALLY HELD CONTACTOR (GENERAL ELECTRIC OR SQUARE D) | ⑧ 1" X 12" NEUTRAL STRIP LABELED "NEUTRAL" AND JOINED TO THE GROUND STRIP WITH A BONDING JUMPER |
| ④ EIGHT 40AMP, 1 POLE CIRCUIT BREAKERS, 240V, 22KAIC (TYPE "TEB" BY GENERAL ELECTRIC OR TYPE "FAL" BY SQUARE D) | ⑨ 1" X 12" GROUND STRIP LABELED "GROUND" AND PAINTED GREEN |
| ⑤ 15AMP, 1 POLE CIRCUIT BREAKER, 240V, 22KAIC (TYPE "TEB" BY GENERAL ELECTRIC OR APPROVED EQUAL) | ⑩ 1 #8 GROUND WIRE REQUIRED FOR EACH CIRCUIT. GROUND WIRE NOT SHOWN FOR SAKE OF CLARITY |
| | ⑪ PHOTOCELL MOUNTED ON POLE TOP OF NEAREST LIGHT POLE. PHOTOCELL AND 3/C NO. 12 TO CONTROLLER INCLUDED IN LIGHTING CONTROLLER PAY ITEM. |

NOTES:

1. CONDUIT SHALL BE INSTALLED MINIMUM 2'-0" FROM PAVEMENT EDGE.
2. CONTRACTOR SHALL MAKE AN EFFORT TO INSTALL RGS CONDUITS (UNDER DRIVEWAYS OR ROADWAY) AT THE SAME SIDE OF THE SIDEWALK AS THE POLE FOUNDATION (DETAIL A).
3. WHEN IT IS NECESSARY TO CROSS THE EXISTING SIDEWALK, CONTRACTOR SHALL INSTALL A 4" RGS CONDUIT PERPENDICULAR TO THE SIDEWALK (DETAIL B).
4. WHEN THE LOCATION OF A POLE FOUNDATION FALLS COMPLETELY WITHIN THE EXISTING SIDEWALK, THE CONTRACTOR SHALL CONSTRUCT THE FOUNDATION AT THE SIDE OF THE SIDEWALK AWAY FROM THE ROAD (DETAIL C). WHEN PARTIAL OVERLAP OCCURS, THE CONTRACTOR SHALL CONSTRUCT THE POLE FOUNDATION AS SHOWN ON DETAIL D.
5. THE LOCATIONS SHOWN IN THE DETAILS ARE APPROXIMATE AND SHALL BE FIELD COORDINATED DURING CONSTRUCTION.

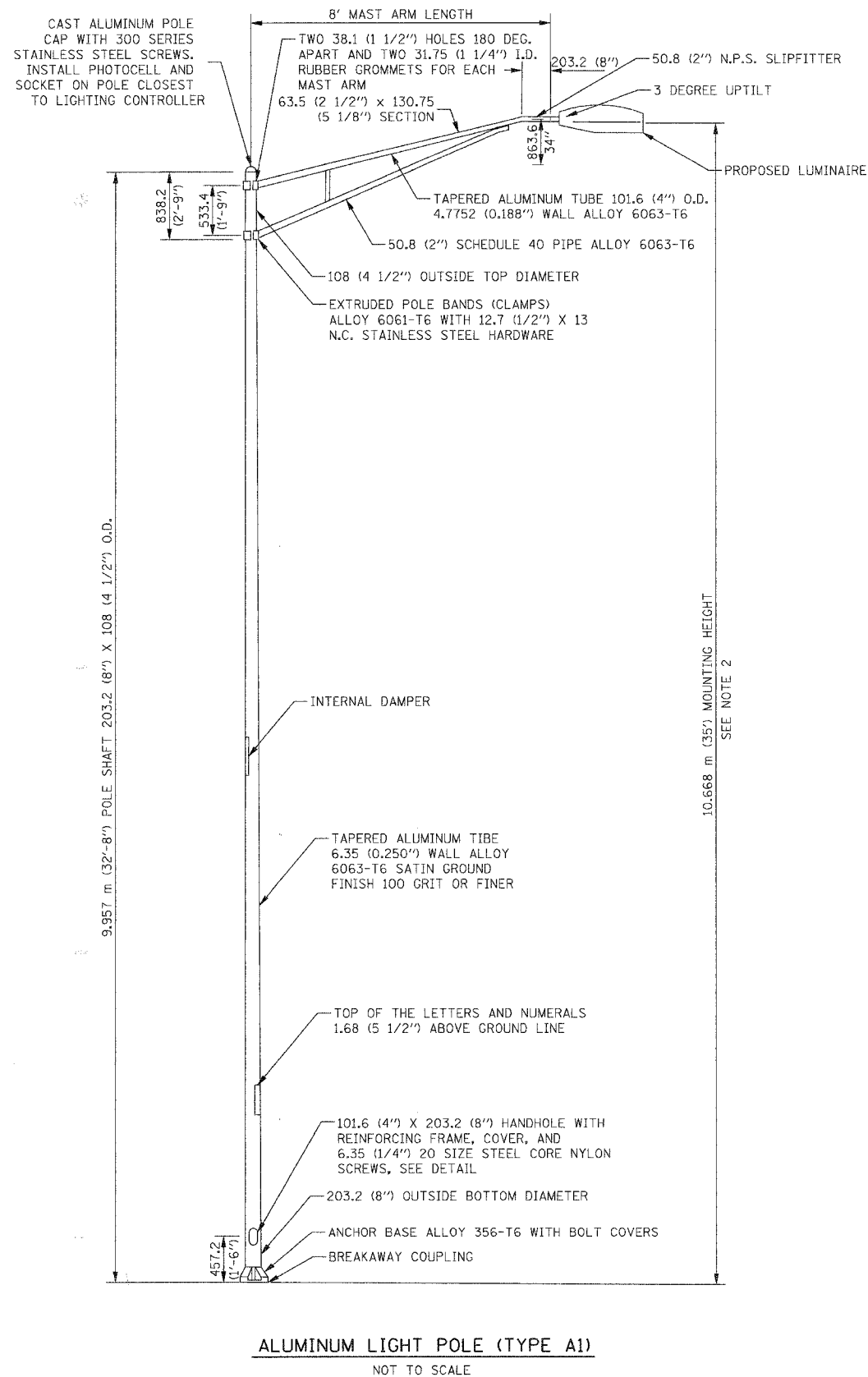
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|---------------|------|--|
| NAME | DATE | |
| | | ELECTRICAL DETAILS SHEET 3 OF 5 |
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| SCALE: N.T.S. | | DATE: 09/21/07 |
| DRAWN BY: FO | | CHECKED BY: DEM |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 52 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

| PLAN | SURVEYED | DATE |
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| NO. | | |
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| DATE | | |

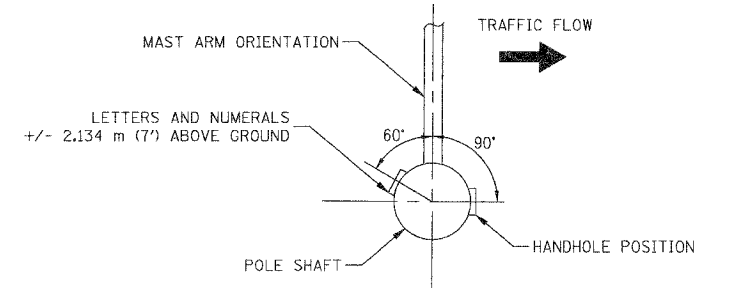
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|---------|----------|------|
| NO. | | |
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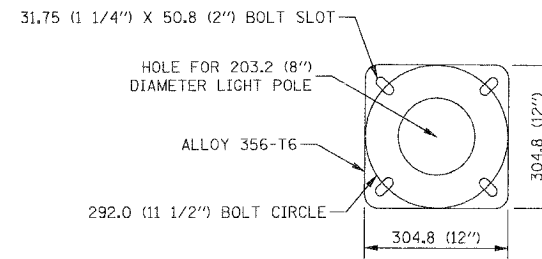


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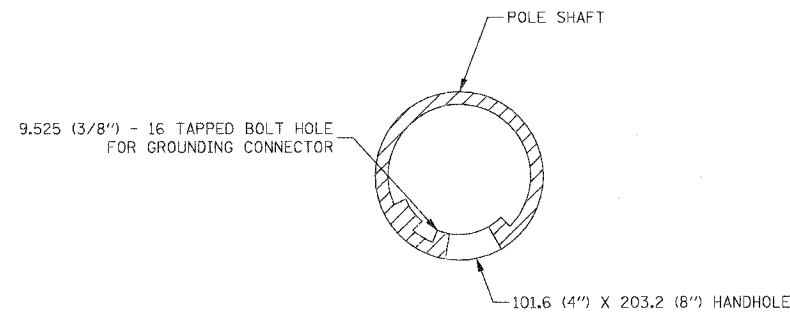
1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
3. THE LIGHT POLE SHALL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
4. THE INSTALLING CONTRACTOR SHALL PROVIDE A UL LISTED GROUNDING CONNECTOR. BURNDY K2C323, T&B SP4DL, OR APPROVED EQUAL.
5. LIGHT POLES SHALL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
6. LIGHT POLES SHALL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS, OR SHIMS.
7. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENGERGIZED.



POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



LIGHT POLE BASE PLATE DETAIL - 292.0 (11 1/2") BOLT CIRCLE
NOT TO SCALE



HANDHOLE DETAIL
NOT TO SCALE

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|--|
| NAME | DATE | |
| | | VILLAGE OF WESTMONT 59TH STREET RECONSTRUCTION ELECTRICAL DETAILS SHEET 4 OF 5 SCALE: N.T.S. DATE: 09/21/07 |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 53 |
| STA. 119+00 | | TO STA. 127+00 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-8003 (699) | | | | |

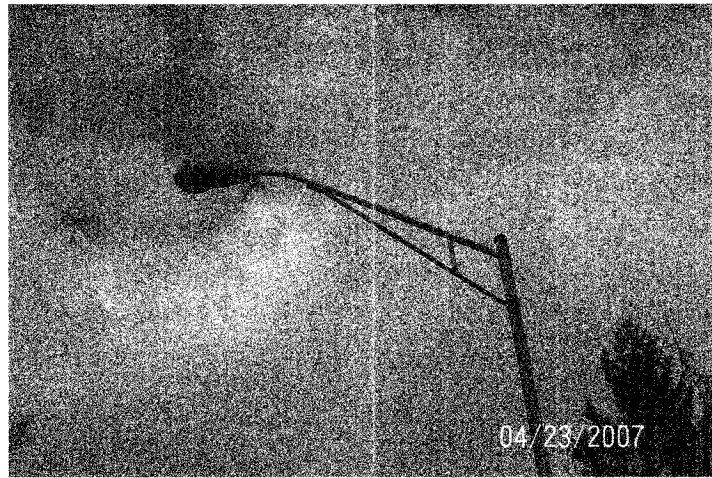
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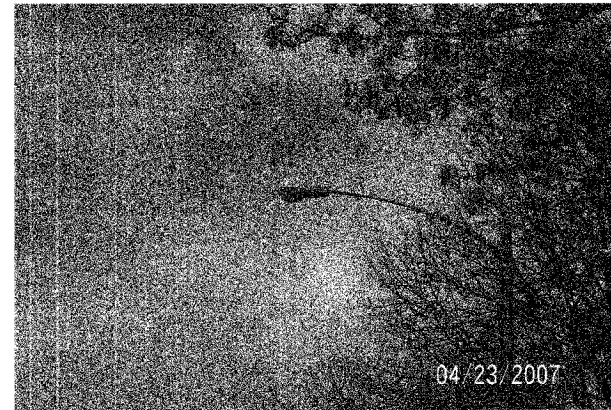
1 EXISTING PEDESTAL MOUNTED CONTROLLER
NOT TO SCALE



2 EXISTING LIGHT POLE INSTALLATION
NOT TO SCALE



3 EXISTING ALUMINUM LIGHT POLE AND FIXTURE
NOT TO SCALE

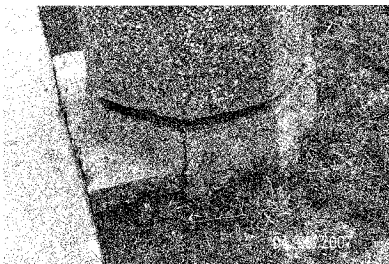


4 EXISTING CONCRETE LIGHT POLE AND FIXTURE
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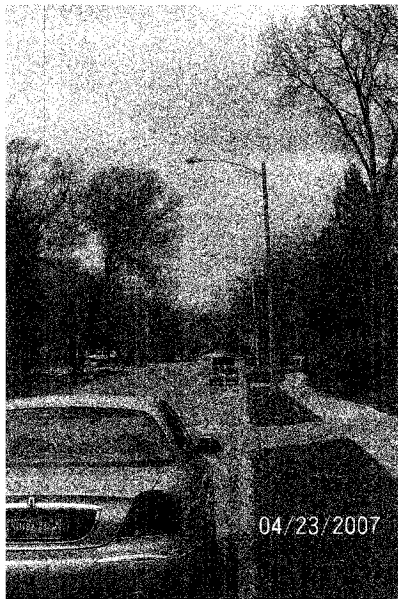


5 EXISTING LIGHT POLE BASE
NOT TO SCALE

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| PROFILE | SURVEYED | DATE |
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6 EXISTING LIGHT POLE BASE
NOT TO SCALE



7 EXISTING CONCRETE POLE AND FIXTURE
NOT TO SCALE



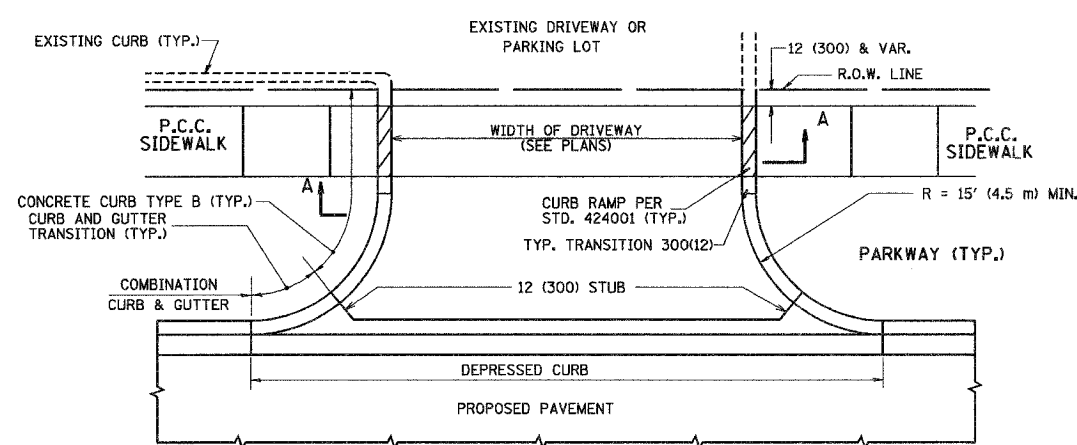
8 EXISTING CONCRETE POLE AND FIXTURE
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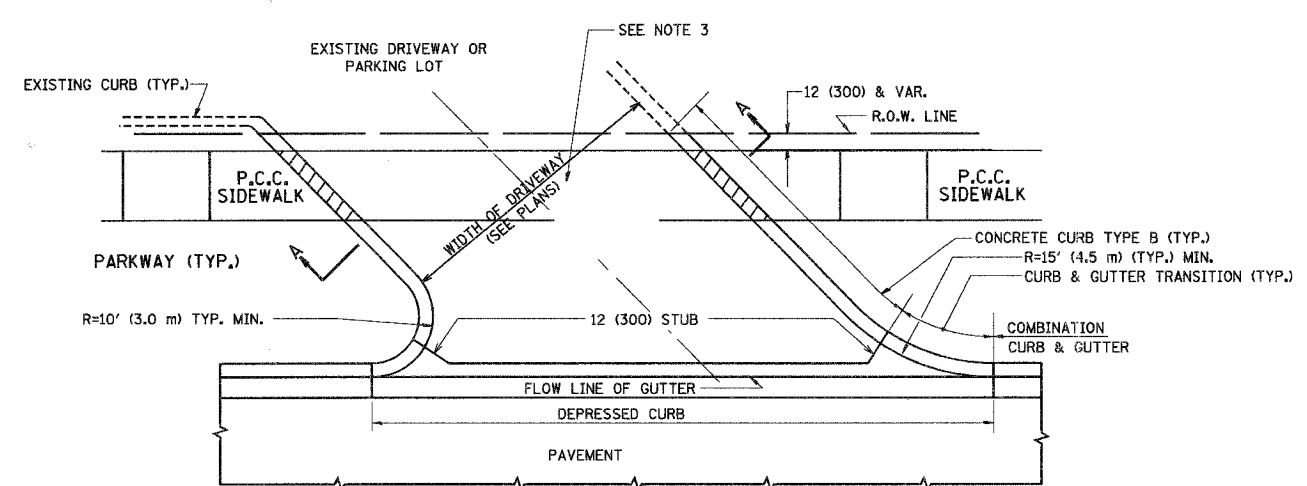
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|-----------|------|--|
| NAME | DATE | |
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SCALE: N.T.S. DRAWN BY: FO
DATE: 09/21/07 CHECKED BY: DEM

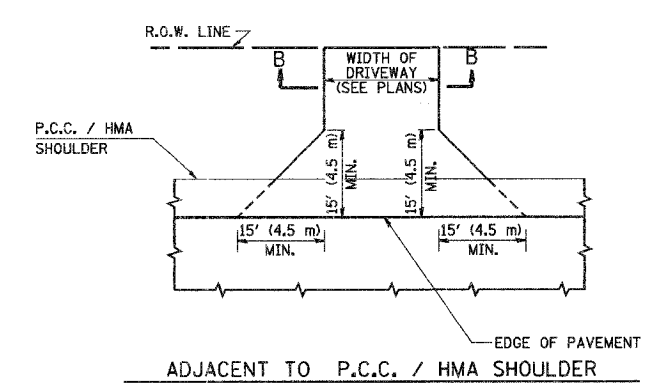
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| CONTRACT NO. B3985 | | | | |
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 54 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |



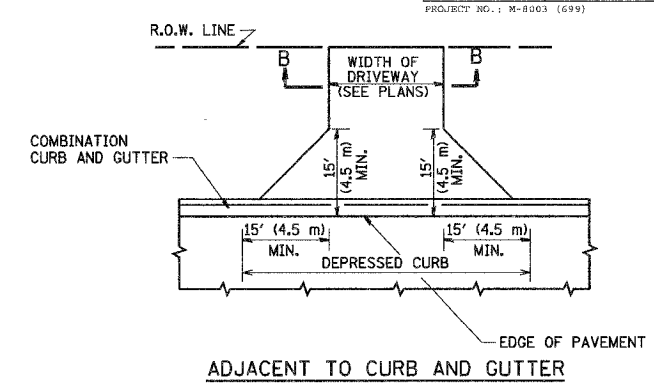
WITH CONCRETE CURB, TYPE B



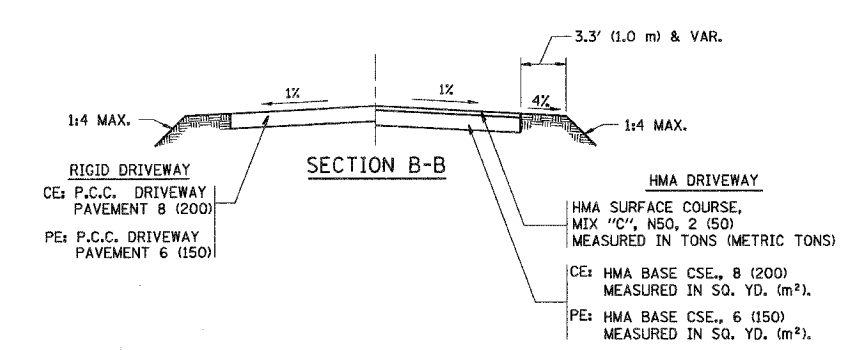
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



SECTION B-B

RURAL FIELD ENTRANCE (FE)
 HMA SURFACE COURSE, MIX "C", N50, 2 (50) MEASURED IN TONS (METRIC TONS)
 CE: HMA BASE COURSE, 8 (200) MEASURED IN SQ. YD. (m²)
 PE: HMA BASE COURSE, 6 (150) MEASURED IN SQ. YD. (m²)

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

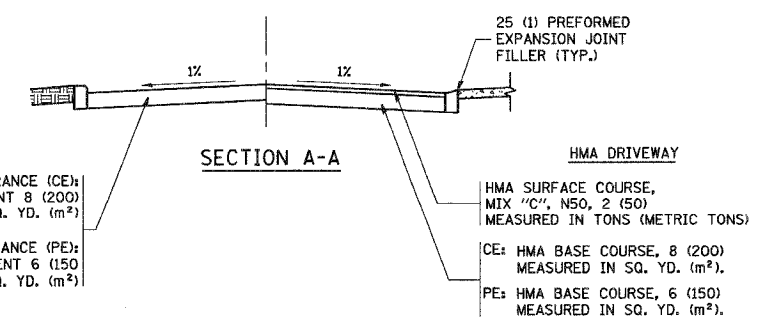
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



SECTION A-A

RIGID DRIVEWAY
 COMMERCIAL ENTRANCE (CE): P.C.C. DRIVEWAY PAVEMENT 8 (200) MEASURED IN SQ. YD. (m²)
 NON-COMMERCIAL ENTRANCE (PE): P.C.C. DRIVEWAY PAVEMENT 6 (150) MEASURED IN SQ. YD. (m²)

HMA DRIVEWAY
 HMA SURFACE COURSE, MIX "C", N50, 2 (50) MEASURED IN TONS (METRIC TONS)
 CE: HMA BASE COURSE, 8 (200) MEASURED IN SQ. YD. (m²)
 PE: HMA BASE COURSE, 6 (150) MEASURED IN SQ. YD. (m²)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

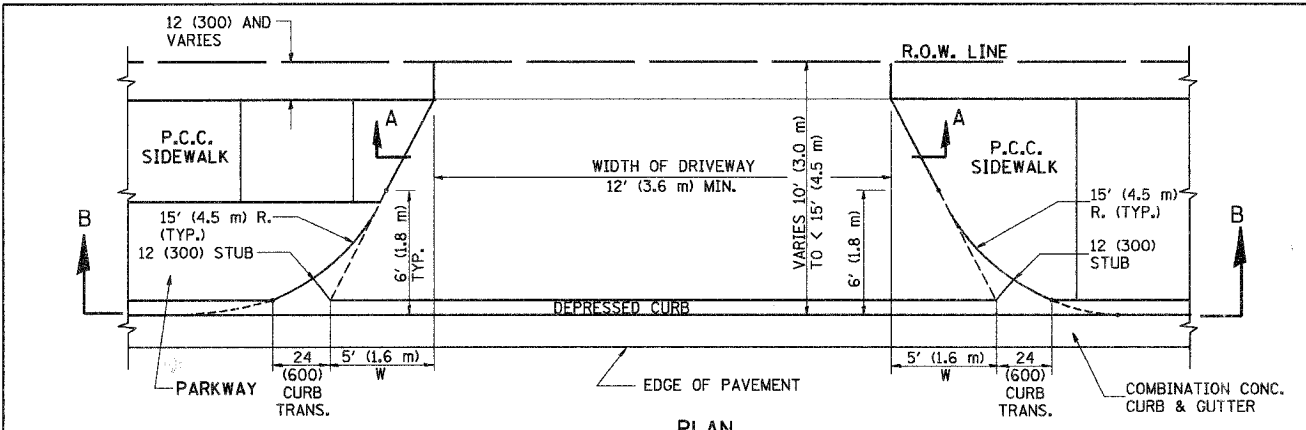
| REVISIONS | |
|----------------|----------|
| NAME | DATE |
| R. SHAH | 11-04-95 |
| J. POLLASTRINI | 09-12-96 |
| J. POLLASTRINI | 12-14-96 |
| A. ABBAS | 03-21-97 |
| T. HOLTZ | 04-08-97 |
| M. GOMEZ | 04-06-01 |
| P. LOFLEUR | 04-15-03 |
| R. BORO | 01-01-07 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRIVEWAY DETAILS
 DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

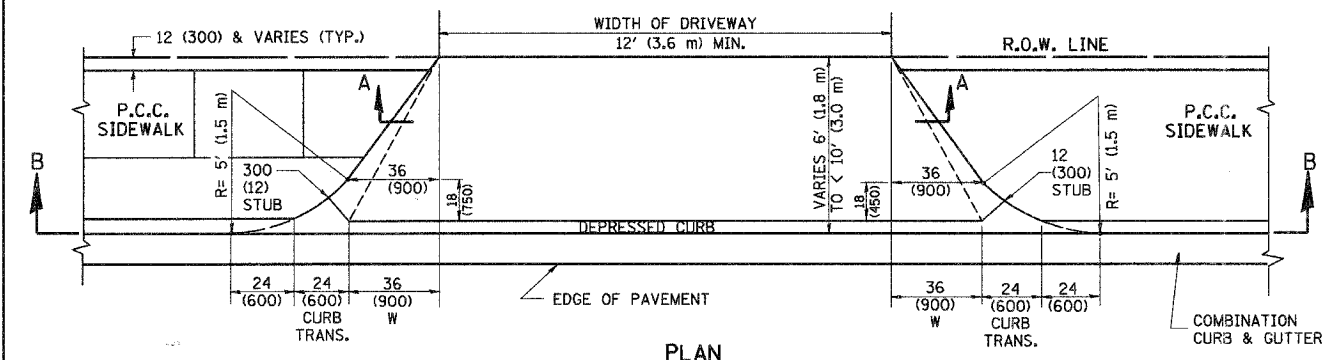
SCALE: VERT. NONE
 HORIZ. NONE
 DRAWN BY
 CHECKED BY

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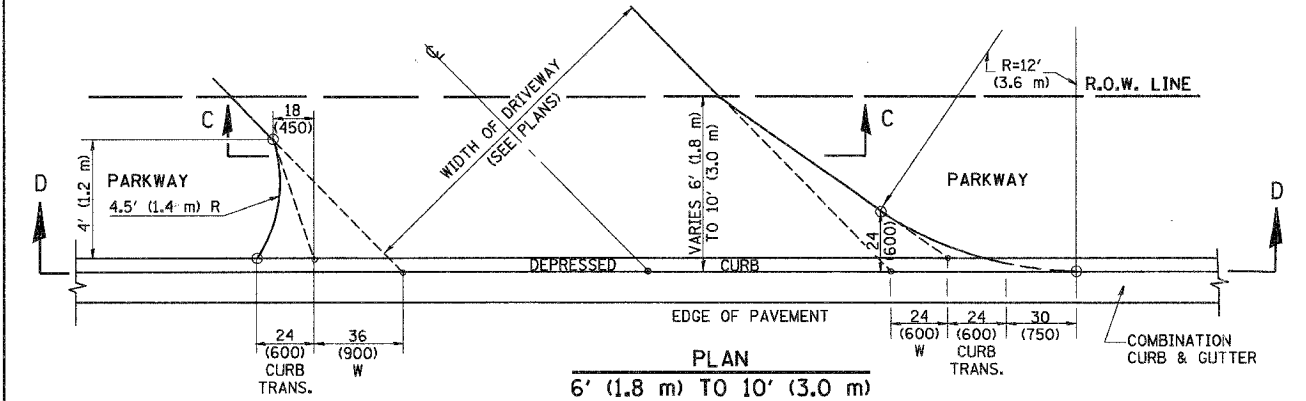
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|---|--------------|-----------|
| 1512 | 05-00093-00-WR | DISPAGE | 72 | 55 |
| STA. TO STA. | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: N-8003 (699) | | | | |



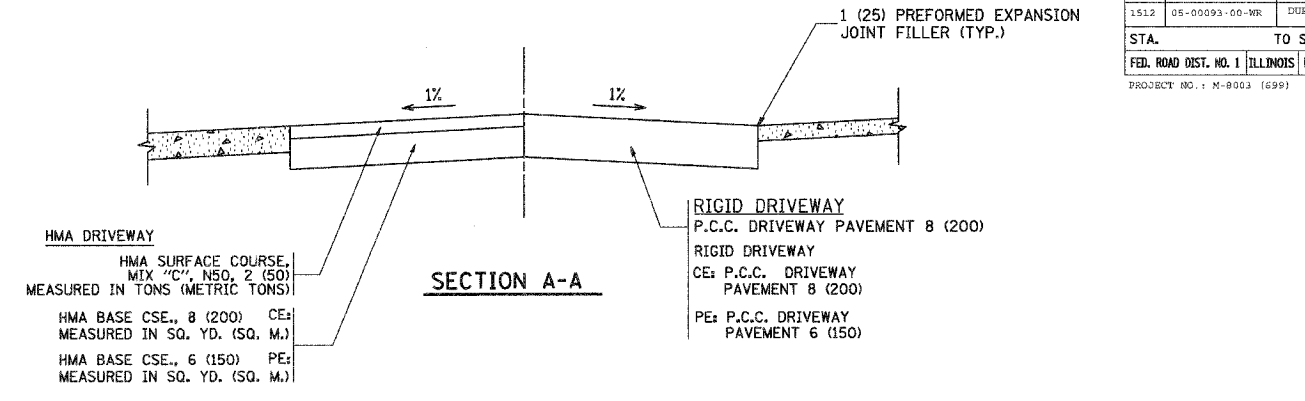
PLAN
10' (3.0 m) TO < 15' (4.5 m)



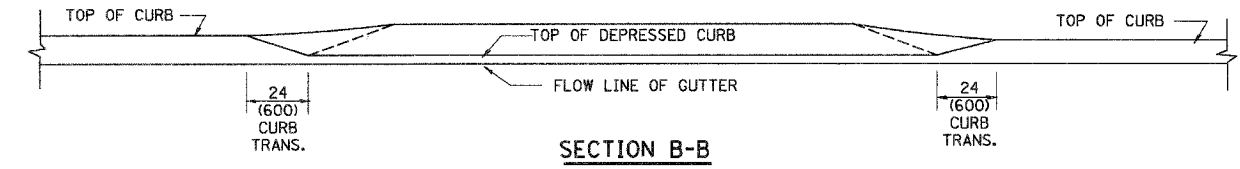
PLAN
6' (1.8 m) TO < 10' (3.0 m)



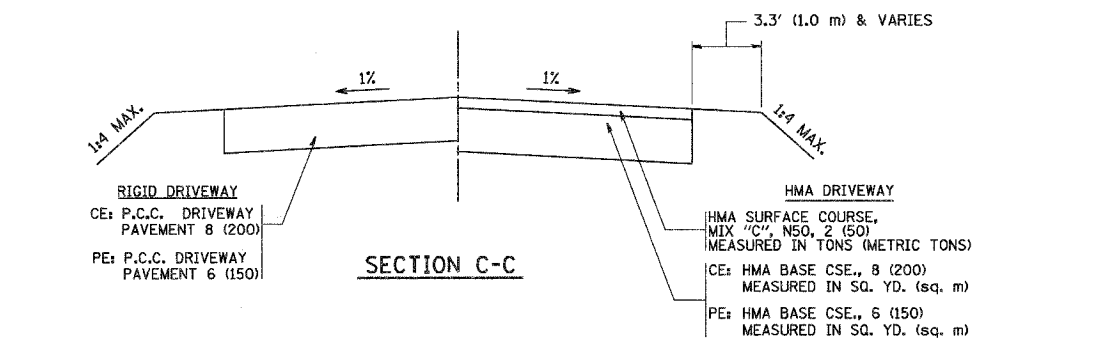
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6' (1.8 m) TO 10' (3.0 m)



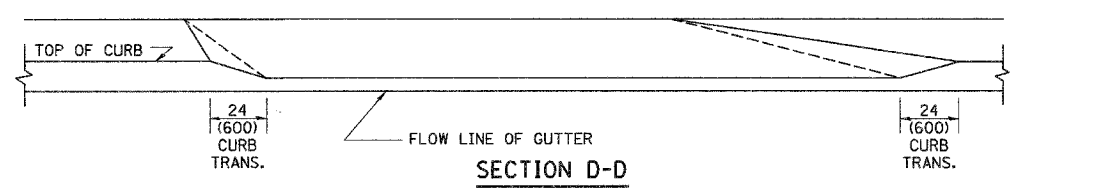
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS, SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

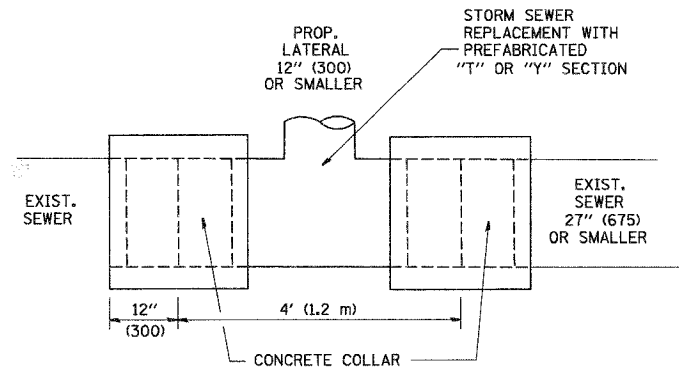
DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

| REVISIONS | |
|----------------|----------|
| NAME | DATE |
| R. SHAH | 11/06/95 |
| J. POLLASTRINI | 08/12/96 |
| J. POLLASTRINI | 12/14/96 |
| A. ABBAS | 03/21/97 |
| T. HOLTZ | 04/08/97 |
| M. GOMEZ | 04/06/01 |
| P. LAFLEUR | 04/15/03 |
| R. BORO | 01/01/07 |

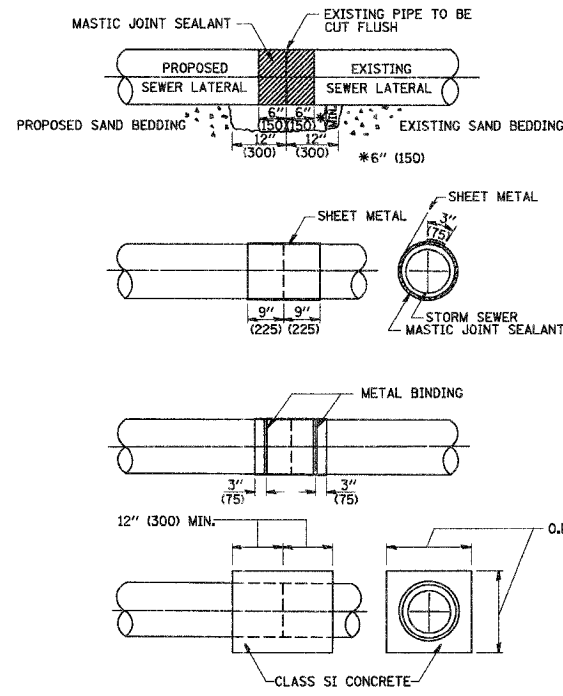
SCALE: VERT. NONE
HORIZ.

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CHECKED BY

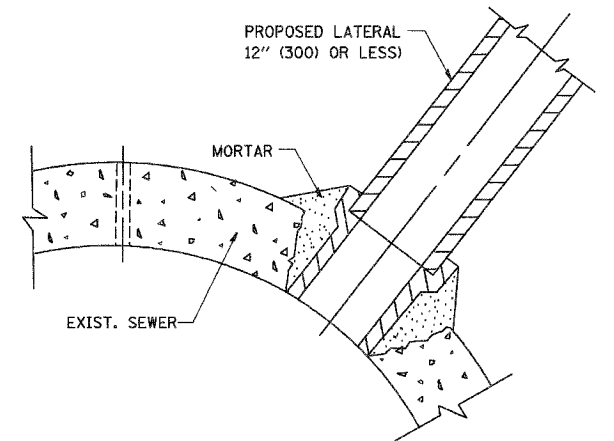
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------|---------------------------|--------------|-----------|
| 1512 | 05-0093-00-WR | DODDGE | 72 | 56 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |



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



DETAIL "B"
CLASS SI CONCRETE COLLAR



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

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 L1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES

MATERIAL

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

CONSTRUCTION METHODS

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

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

GENERAL

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

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

BASIS OF PAYMENT

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

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

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

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

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

| REVISIONS | |
|------------|----------|
| NAME | DATE |
| M. DE YONG | 07/25/90 |
| M. DE YONG | 02/05/92 |
| M. DE YONG | 05/08/93 |
| R. SHAH | 09/09/94 |
| R. SHAH | 10/25/94 |
| R. SHAH | 06/12/98 |

ILLINOIS DEPARTMENT OF TRANSPORTATION

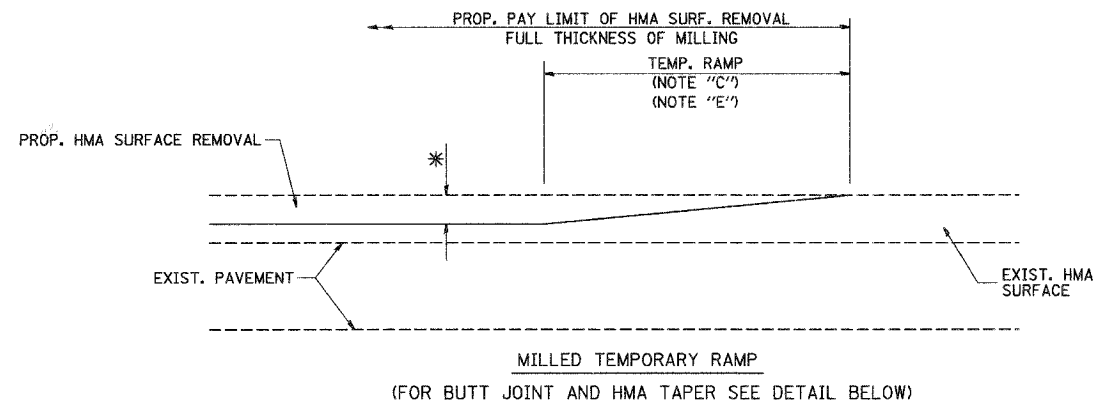
DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

SCALE: VERT. NONE
HORIZ.

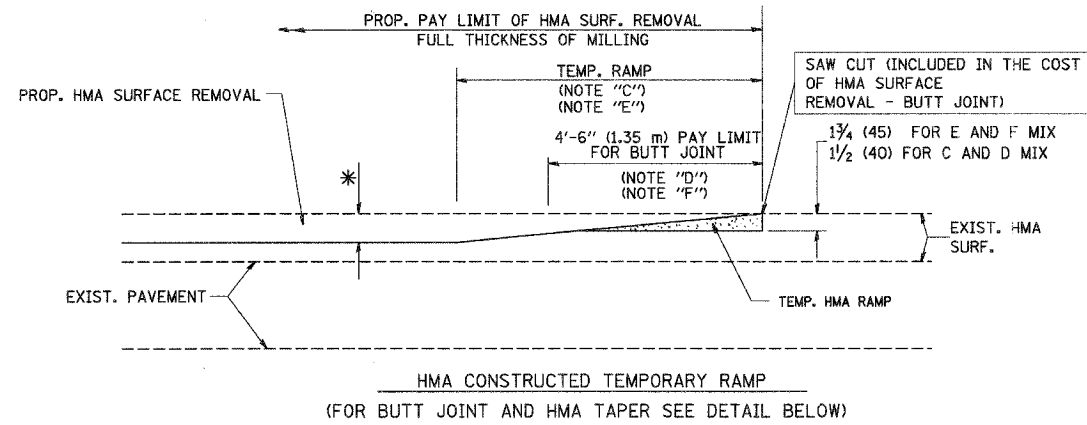
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CHECKED BY

BD500-01 (8D-7)

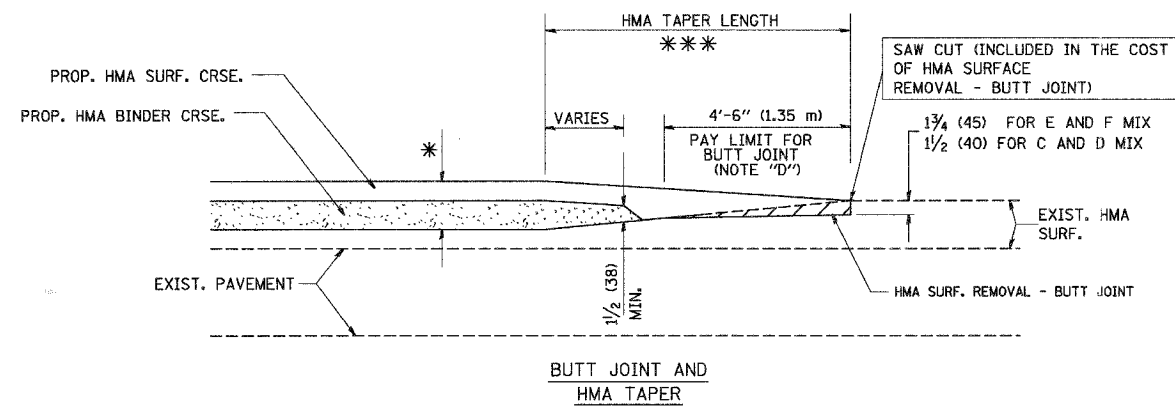
| F.A. DIST. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 1512 | 05-00093-00-WR | DUPAGE | 72 | 57 |
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| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| PROJECT NO.: M-6003 (699) | | | | |



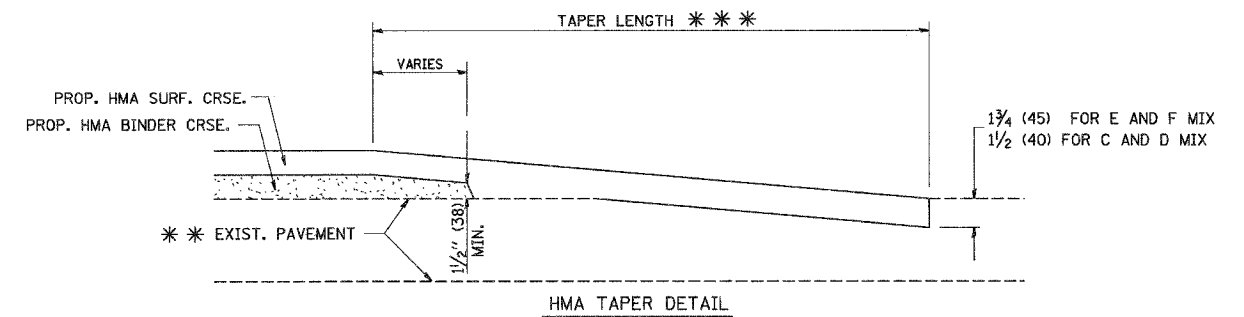
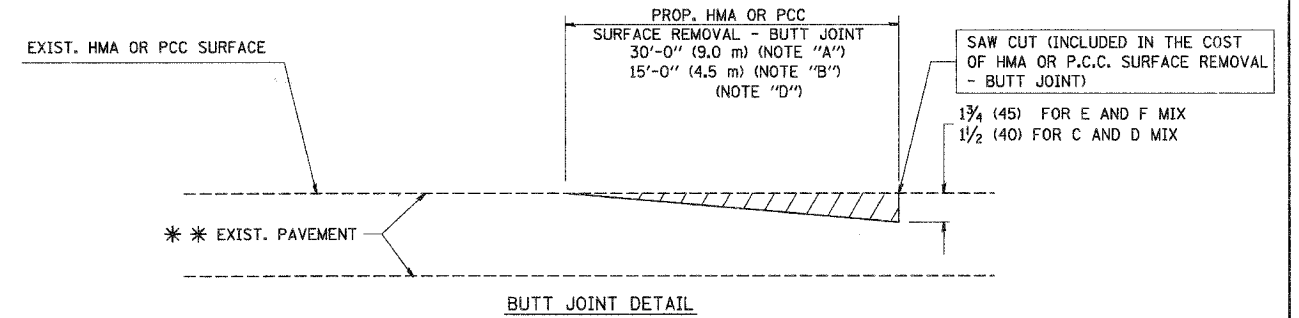
OPTION 1



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")

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

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".

| REVISIONS | |
|------------|----------|
| NAME | DATE |
| M. DE YONG | 6-13-90 |
| M. DE YONG | 7-3-90 |
| M. DE YONG | 3-27-92 |
| R. SHAH | 09/09/94 |
| R. SHAH | 10/25/94 |
| A. ABBAS | 03/21/97 |
| M. GOMEZ | 04/06/01 |
| R. BORO | 01/01/07 |

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

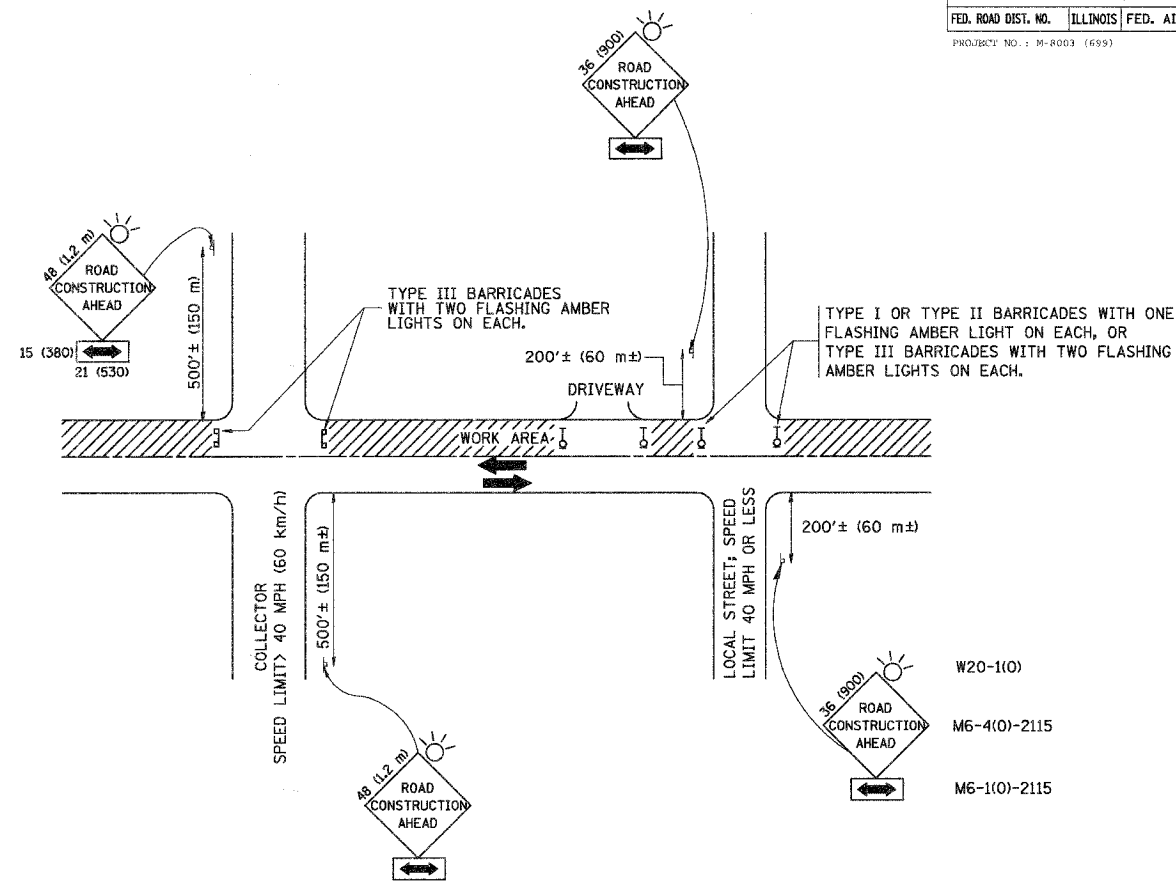
SCALE: VERT. NONE
HORIZ.

DRAWN BY

CHECKED BY

BD400-05 (VI-BD32)

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|----------|------------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 58 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| PROJECT NO. : M-803 (699) | | | | |



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. 70150), 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.

| REVISIONS | |
|--------------|----------|
| NAME | DATE |
| LHA | 6/89 |
| T. RAMMACHER | 09/08/94 |
| J. OBERLE | 10/18/95 |
| A. HOUSEH | 03/06/96 |
| A. HOUSEH | 10/15/96 |
| T. RAMMACHER | 01/06/00 |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

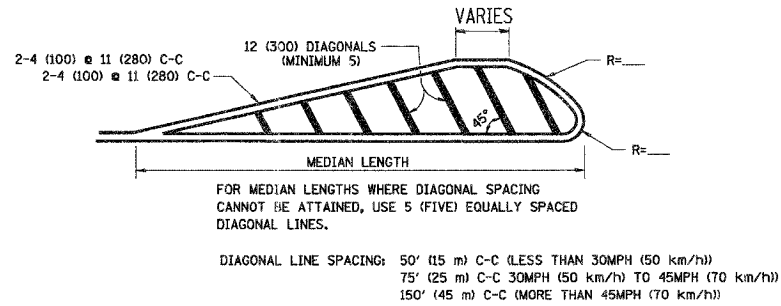
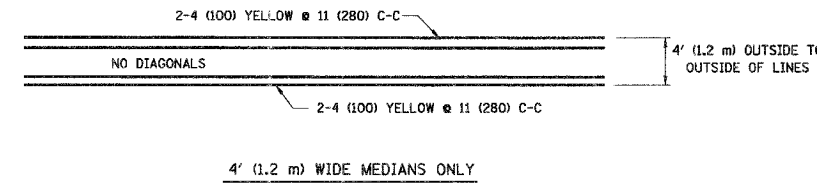
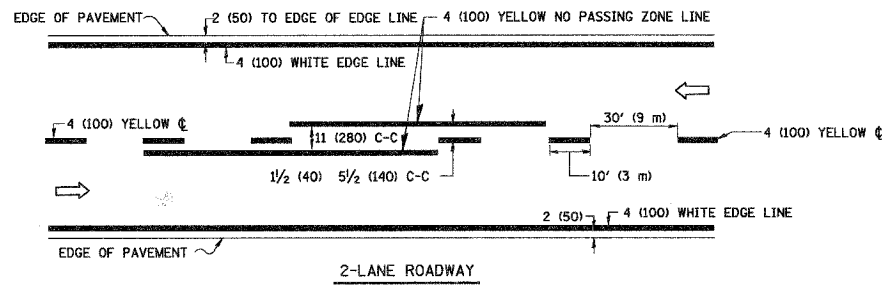
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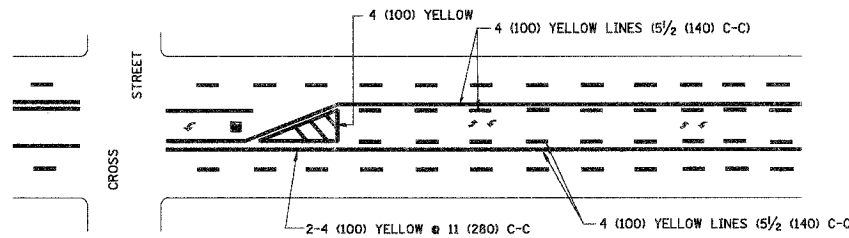
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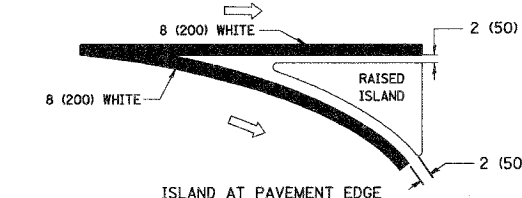
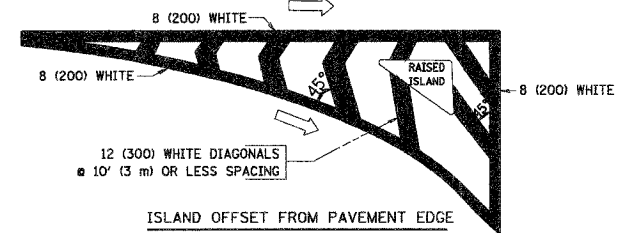
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |



MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING



TYPICAL ISLAND MARKING

| 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) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE 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 WHITE-RIGHT | OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB |
| 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 8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW 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 SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90° | SOLID SOLID SOLID | WHITE WHITE WHITE | NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART 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° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 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 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²) |
| SHOULDER DIAGONALS | 12 (300) @ 45° | SOLID | WHITE - RIGHT YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h)) |

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.

| REVISIONS | |
|--------------|----------|
| NAME | DATE |
| EVERS | 03-19-90 |
| T. RAMMACHER | 10-27-94 |
| ALEX HOUSEH | 10-09-96 |
| ALEX HOUSEH | 10-17-96 |
| T. RAMMACHER | 01-06-00 |

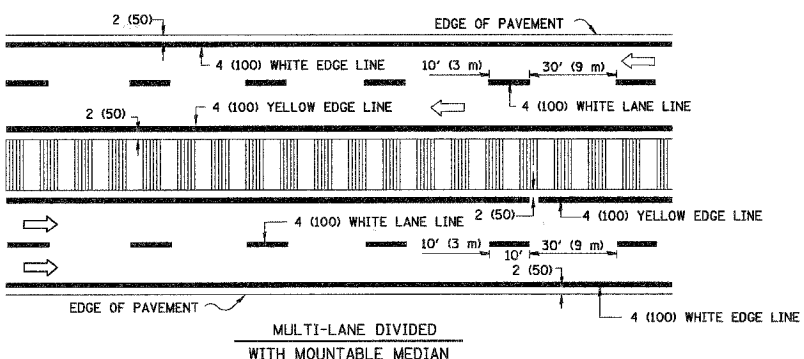
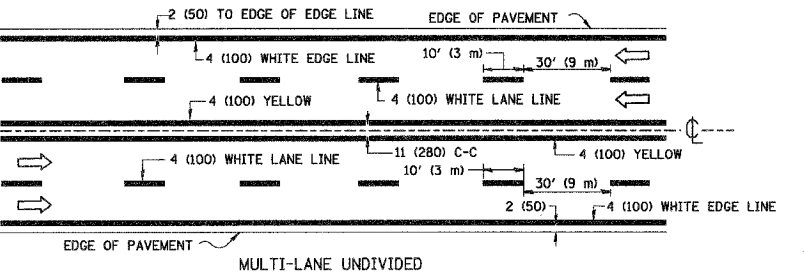
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CAJD

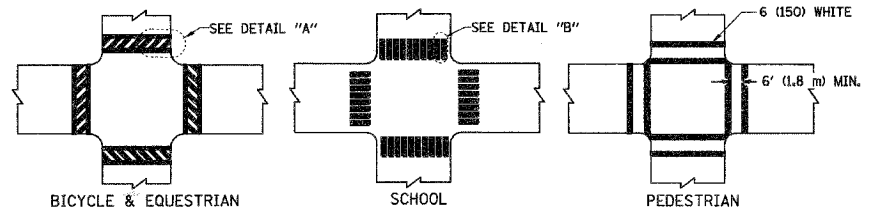
CHECKED BY

TC-13

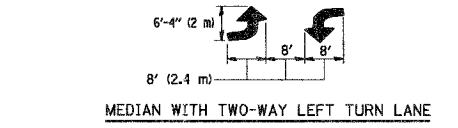


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

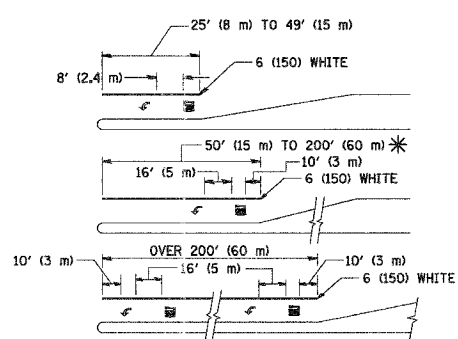
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE

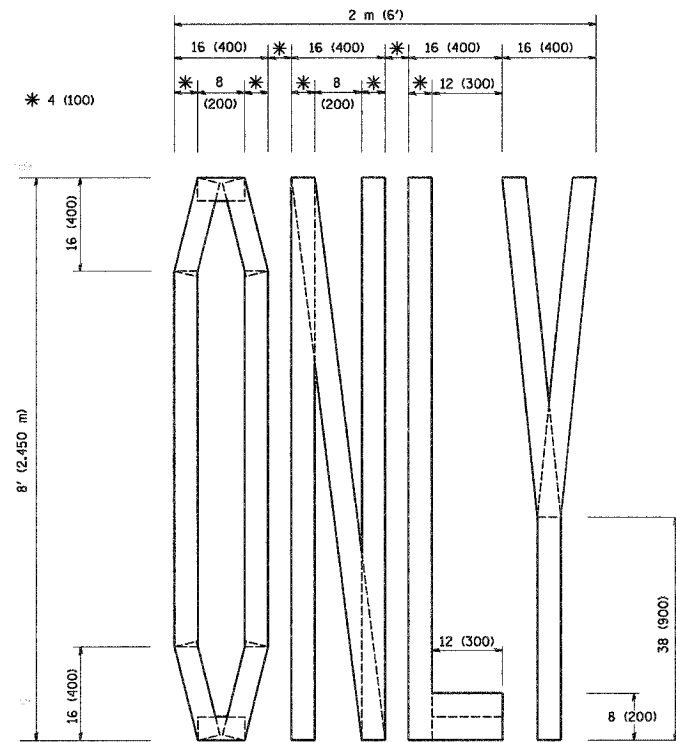


TYPICAL TURN LANE MARKING

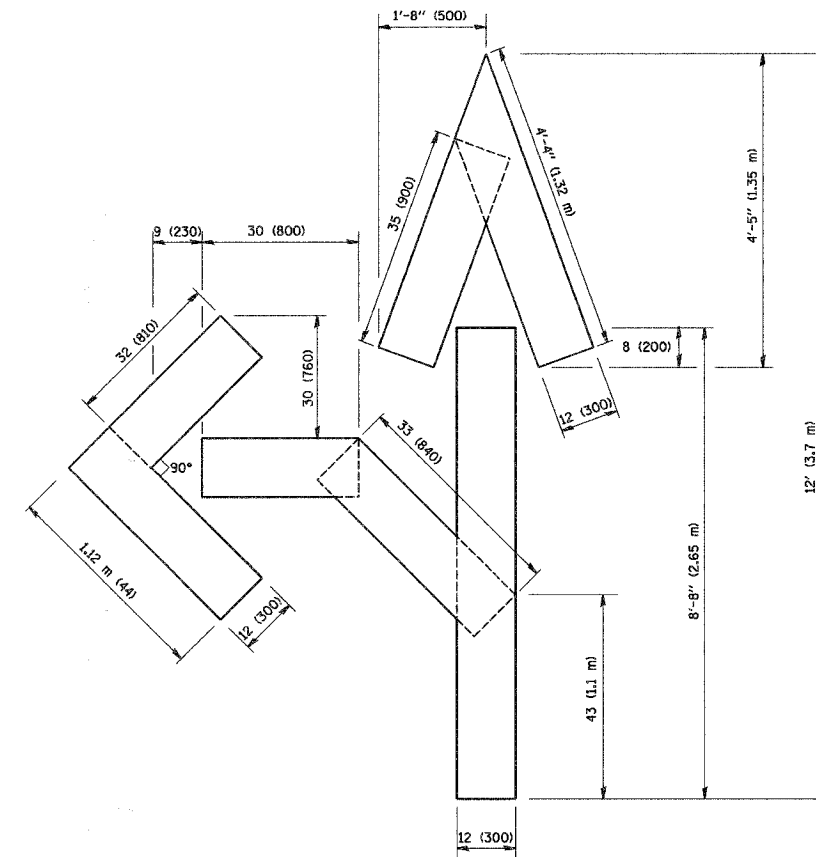
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

PLOT DATE = 2/6/2007
FILE NAME = K:\asstest\1013.dgn
PLOT SCALE = 0.8000 / 1"
USER NAME = bauerd

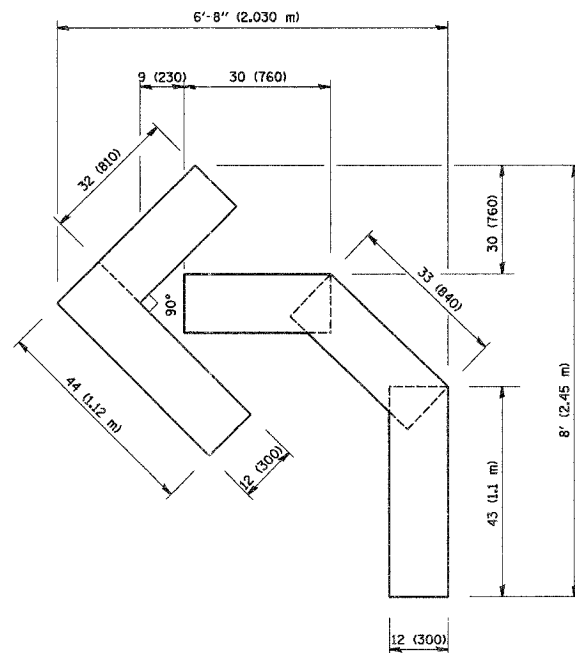
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|---------------------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 60 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-6003 (599) | | | | |



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



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



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

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

SCALE: NONE

DRAWN BY CADD

CHECKED BY

TC-16

PLOT DATE = 3/7/2007
FILE NAME = K:\data\td\1016.dgn
PLOT SCALE = 50.0000 / 1
USER NAME = basard

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|---|--------------|-----------|
| 1512 | 05-00093-00-WR | DEPAQUE | 72 | 61 |
| STA. TO STA. | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |
| PROJECT NO.: M-8003 (699) | | | | |

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1L-2115

M6-1R-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

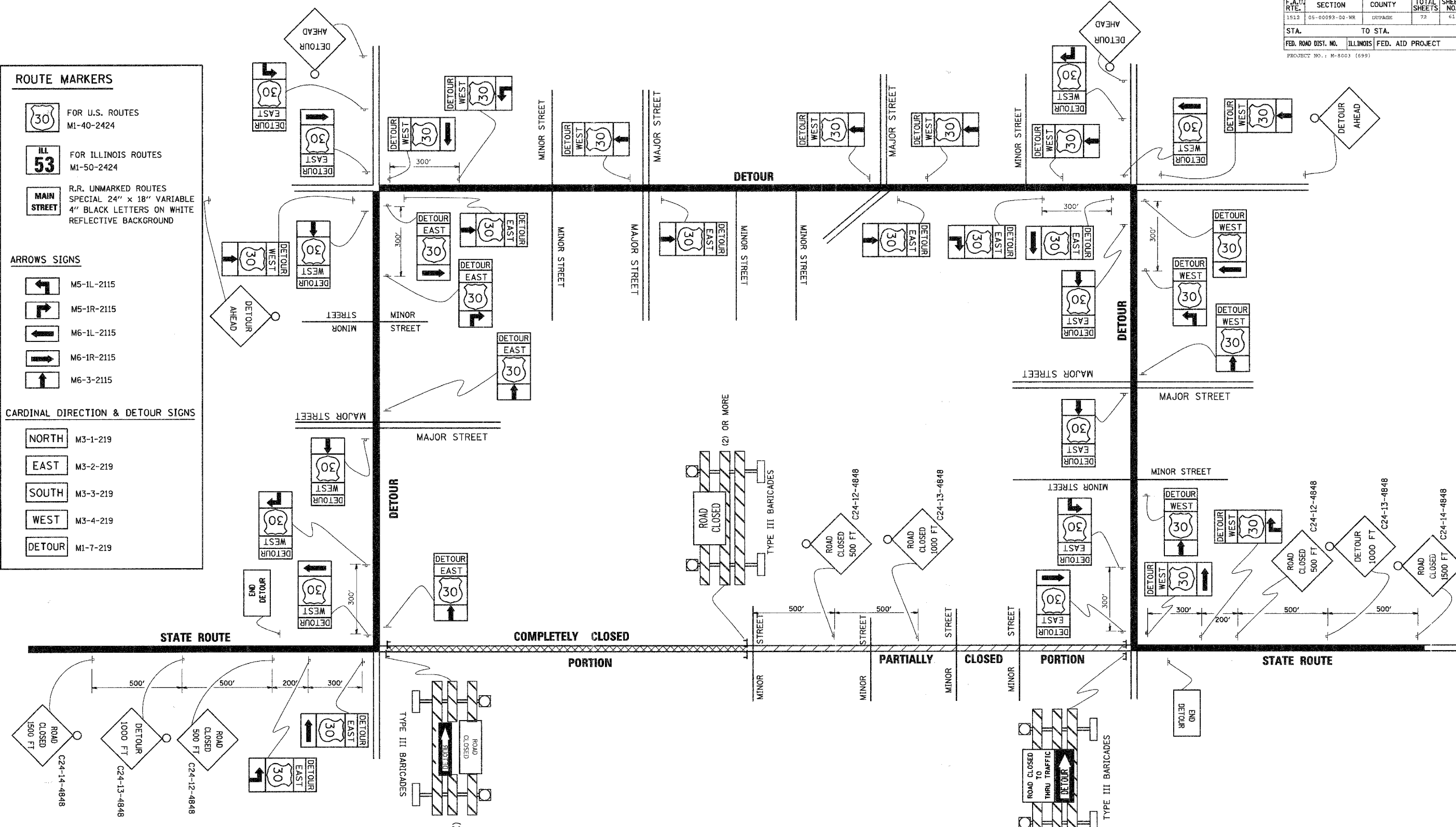
NORTH M3-1-219

EAST M3-2-219

SOUTH M3-3-219

WEST M3-4-219

DETOUR M1-7-219



PLUT DATE = 3/7/2007
 FILE NAME = K:\Users\jv21\dgn
 PLOT SCALE = 80.0000 / IN.
 USER NAME = Bruce-St

| REVISIONS | |
|-----------|----------|
| NAME | DATE |
| | 10/18/02 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL MARKING FOR CLOSING STATE HIGHWAYS

SCALE: NONE

DRAWN BY

CHECKED BY

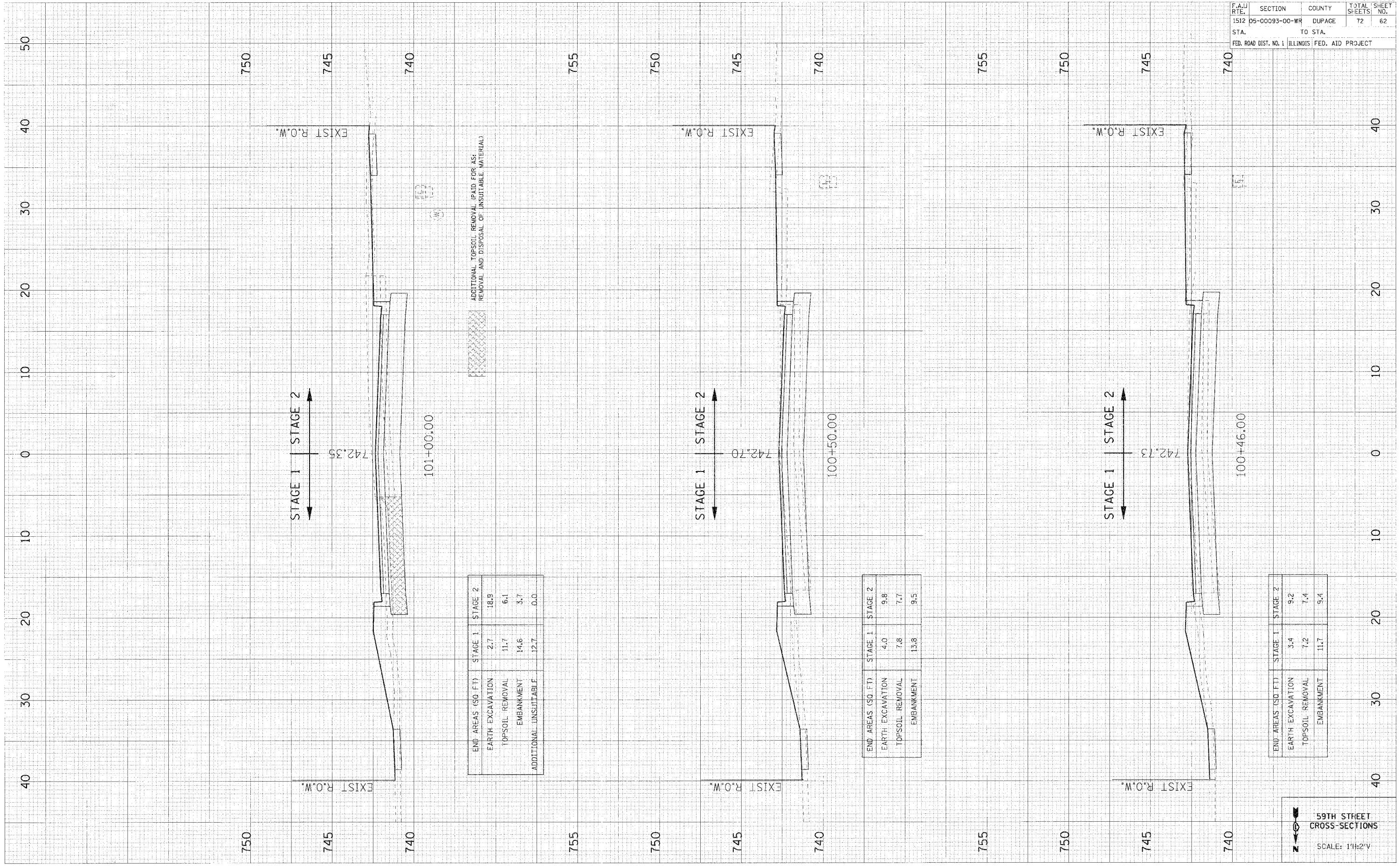
TC-21

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------------|---------------------------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 62 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |

| | | |
|-----------|---------------|------|
| FINAL | SURVEYED | DATE |
| SHEET | PLotted | |
| NOTE BOOK | TEMPLATE | |
| NO. | AREAS CHECKED | |

| | | |
|-----------|---------------|------|
| ORIGINAL | SURVEYED | DATE |
| SHEET | PLotted | |
| NOTE BOOK | TEMPLATE | |
| NO. | AREAS CHECKED | |

PLOT DATE = 04/25/05
 FILE NAME = 051113
 USER NAME = 415888



| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 2.7 | 18.9 |
| TOPSOIL REMOVAL | 11.7 | 6.1 |
| EMBANKMENT | 14.6 | 3.7 |
| ADDITIONAL UNSUITABLE | 12.7 | 0.0 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 4.0 | 9.8 |
| TOPSOIL REMOVAL | 7.8 | 7.7 |
| EMBANKMENT | 13.8 | 9.5 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 3.4 | 9.2 |
| TOPSOIL REMOVAL | 7.2 | 7.4 |
| EMBANKMENT | 11.7 | 9.4 |

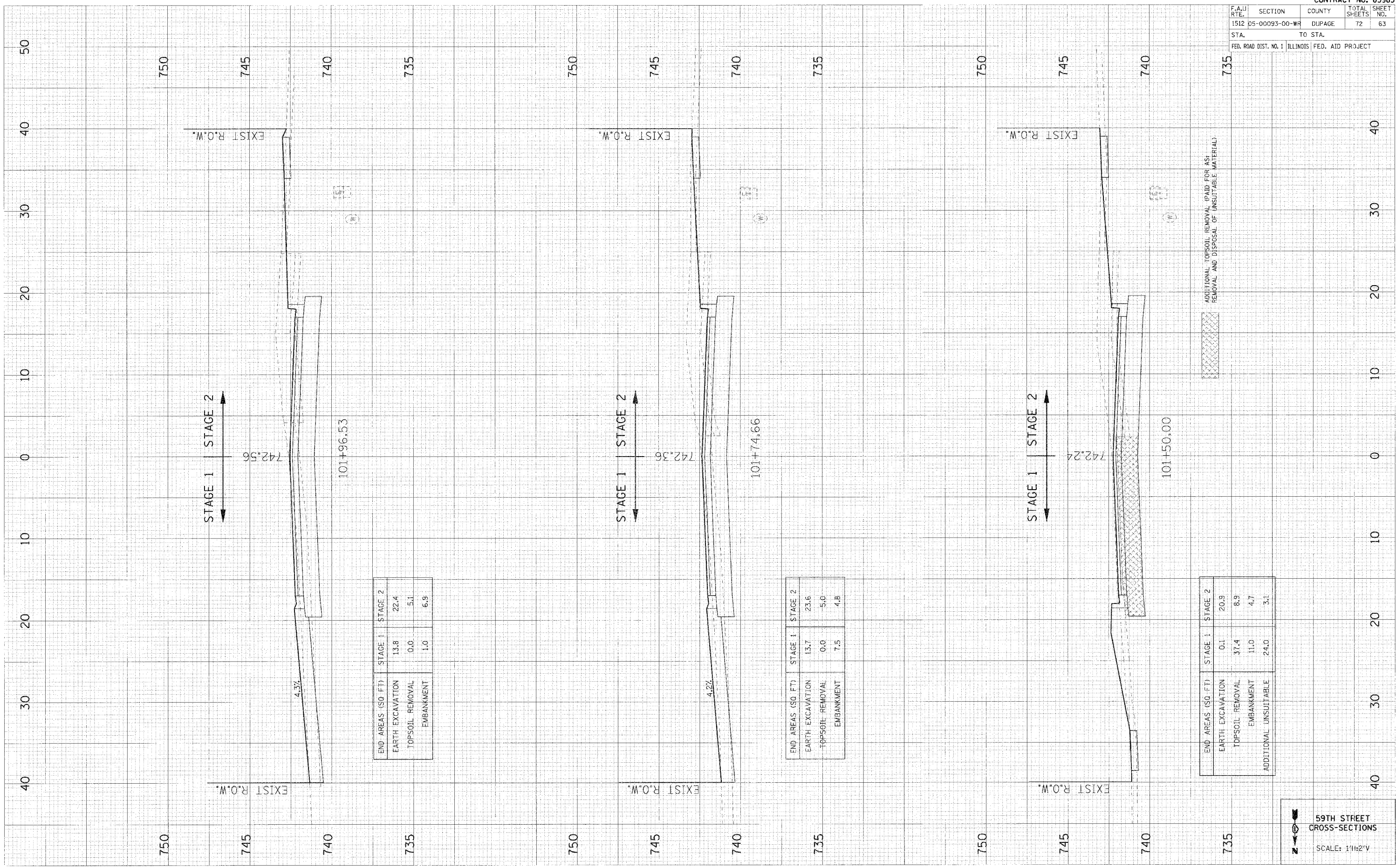
59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=2'V

| | | | | |
|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | D5-00093-00-WR | DUPAGE | 72 | 63 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |

| | | |
|--------------|---------------|------|
| FIELD SURVEY | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | |
| NO. | TEMPLE | |
| | AREAS CHECKED | |

| | | |
|-----------------|---------------|------|
| ORIGINAL SURVEY | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | |
| NO. | TEMPLE | |
| | AREAS CHECKED | |

PLOT DATE = DATE
 FILE NAME = FILE
 USER NAME = USER



| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 13.8 | 22.4 |
| TOPSOIL REMOVAL | 0.0 | 5.1 |
| EMBANKMENT | 1.0 | 6.9 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 13.7 | 23.6 |
| TOPSOIL REMOVAL | 0.0 | 5.0 |
| EMBANKMENT | 7.5 | 4.8 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.1 | 20.9 |
| TOPSOIL REMOVAL | 37.4 | 8.9 |
| EMBANKMENT | 11.0 | 4.7 |
| ADDITIONAL UNSUITABLE | 24.0 | 3.1 |

ADDITIONAL TOPSOIL REMOVAL (PAID FOR AS: REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

59TH STREET
 CROSS-SECTIONS

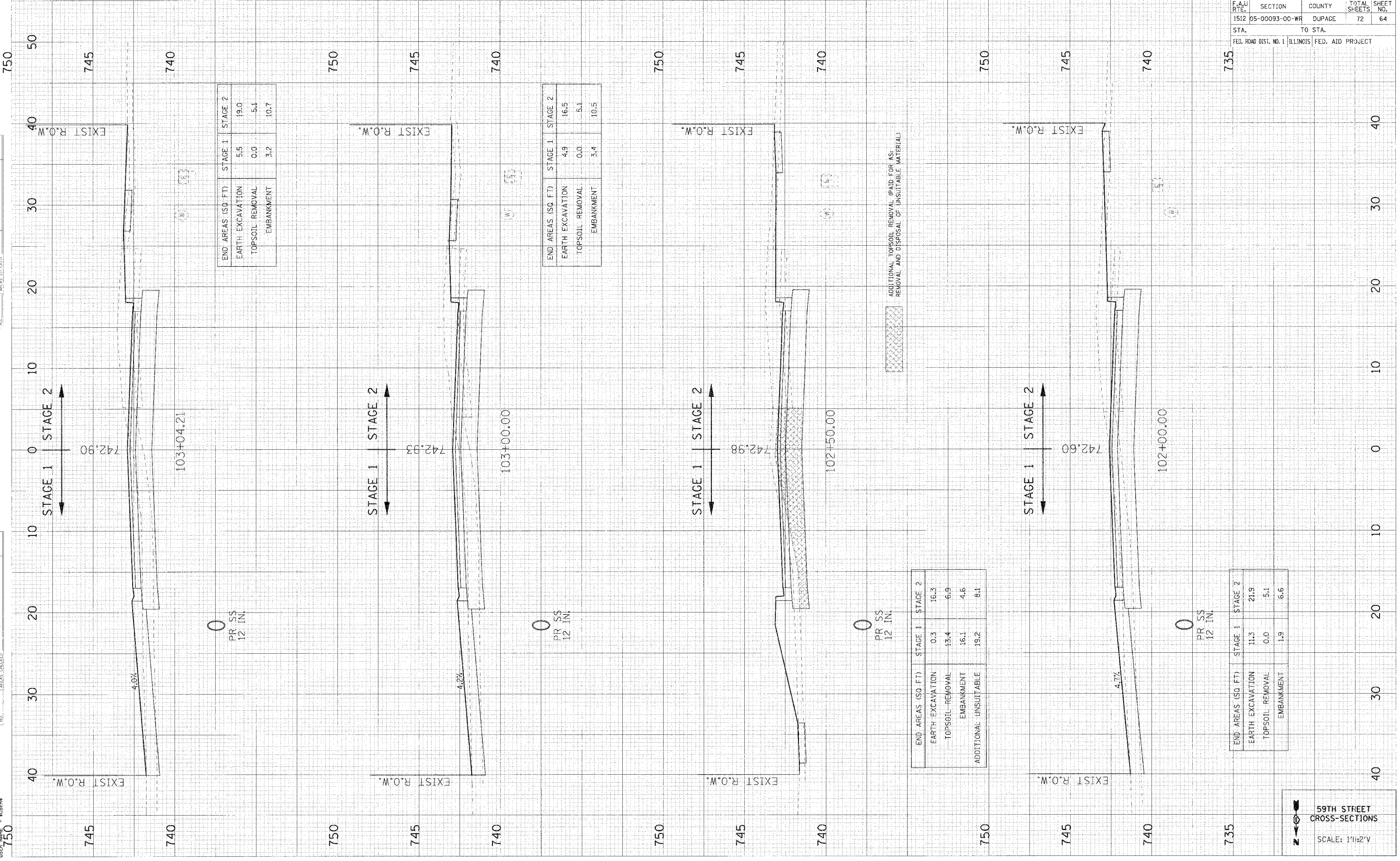
SCALE: 1"=2'V

| | | | | |
|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 64 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |

| | |
|--------------|------|
| FINAL SURVEY | DATE |
| BY | |
| NO. | |

| | |
|-----------------|------|
| ORIGINAL SURVEY | DATE |
| BY | |
| NO. | |

PLOT DATE * DATE *
 PLOT NAME * SCALE *
 USER NAME * USER *



| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 5.5 | 19.0 |
| TOPSOIL REMOVAL | 0.0 | 5.1 |
| EMBANKMENT | 3.2 | 10.7 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 4.9 | 16.5 |
| TOPSOIL REMOVAL | 0.0 | 5.1 |
| EMBANKMENT | 3.4 | 10.5 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.3 | 16.3 |
| TOPSOIL REMOVAL | 13.4 | 6.9 |
| EMBANKMENT | 16.1 | 4.6 |
| ADDITIONAL UNSUITABLE | 19.2 | 8.1 |

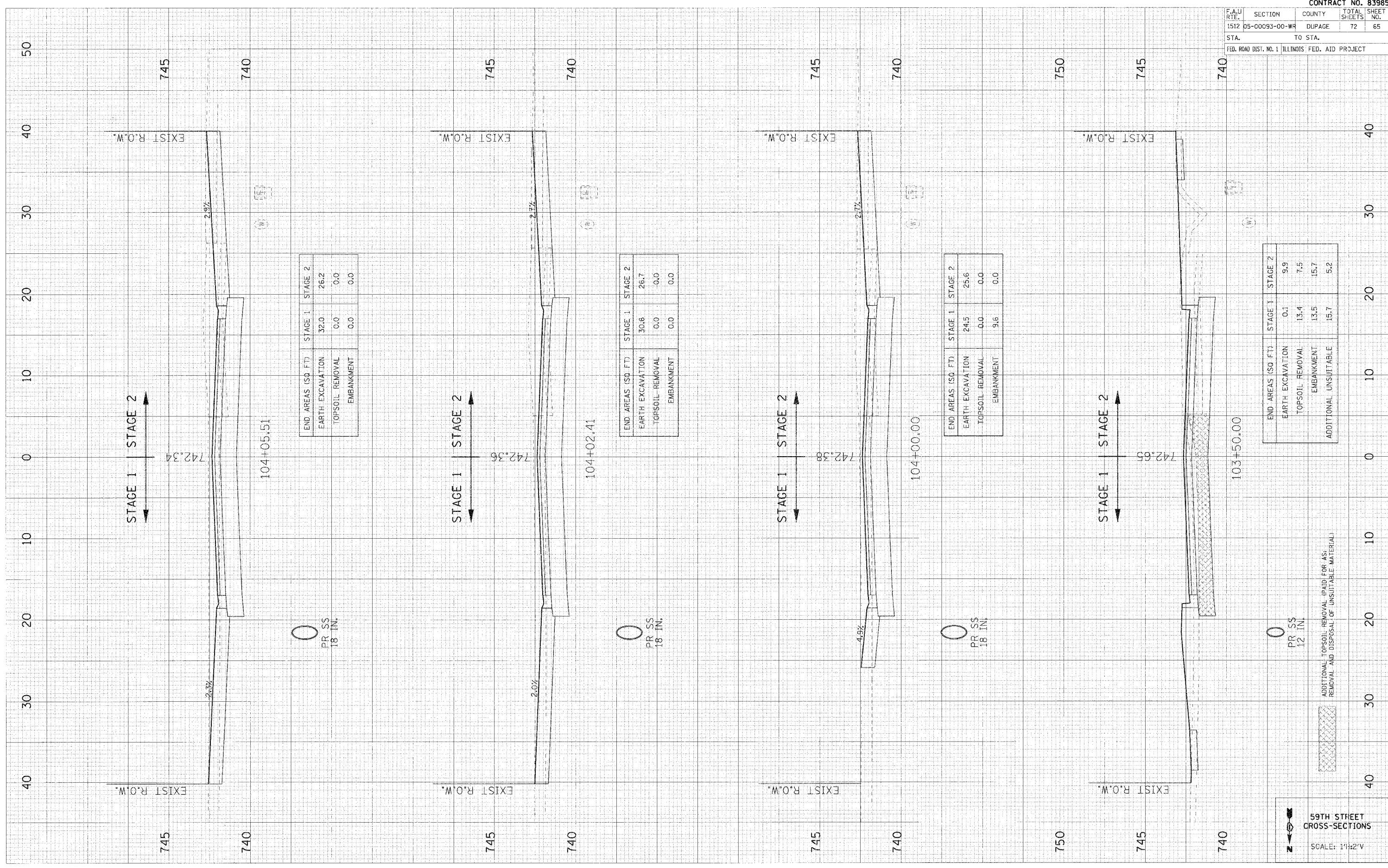
| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 11.3 | 21.9 |
| TOPSOIL REMOVAL | 0.0 | 5.1 |
| EMBANKMENT | 1.9 | 6.6 |

ADDITIONAL TOPSOIL REMOVAL (PAID FOR AS:
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

PLOT DATE = DATE
 FILE NAME = FILE#
 USER NAME = USER#

ORIGINAL SURVEYED BY DATE
 SURVEYED BY DATE
 NOTE BOOK NO.
 TEMPLATE NO.
 AREAS UNLINED

DATE BY
 SURVEYED BY DATE
 NOTE BOOK NO.
 TEMPLATE NO.
 AREAS UNLINED



| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 32.0 | 26.2 |
| TOPSOIL REMOVAL | 0.0 | 0.0 |
| EMBANKMENT | 0.0 | 0.0 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 30.6 | 26.7 |
| TOPSOIL REMOVAL | 0.0 | 0.0 |
| EMBANKMENT | 0.0 | 0.0 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 24.5 | 25.6 |
| TOPSOIL REMOVAL | 0.0 | 0.0 |
| EMBANKMENT | 9.6 | 0.0 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.1 | 9.9 |
| TOPSOIL REMOVAL | 13.4 | 7.5 |
| EMBANKMENT | 13.5 | 15.7 |
| ADDITIONAL UNSUITABLE | 15.7 | 5.2 |

ADDITIONAL TOPSOIL REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

59TH STREET CROSS-SECTIONS

SCALE: 1"=24'

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 65 |
| STA. TO STA. | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

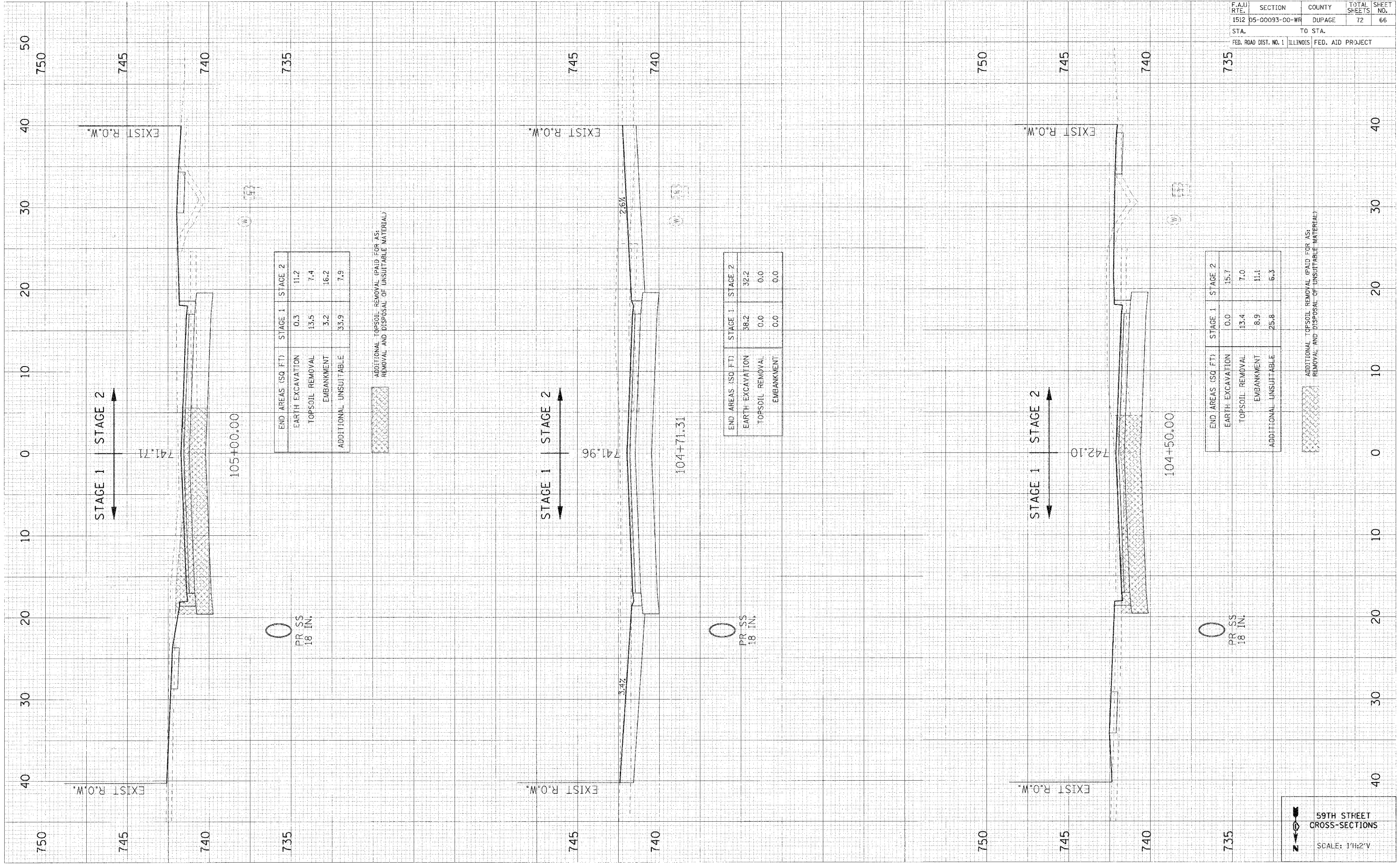
CONTRACT NO. 83985

| | | | | |
|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | D5-00093-00-WR | DUPAGE | 72 | 66 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |

| | | |
|--------------|---------------|------|
| FINAL SURVEY | SURVEY | DATE |
| NOTED BOOK | PLOTTED | |
| NO. | TEMPLE | |
| | AREAS CHECKED | |

| | | |
|-----------------|---------------|------|
| ORIGINAL SURVEY | SURVEY | DATE |
| NOTED BOOK | PLOTTED | |
| NO. | TEMPLE | |
| | AREAS CHECKED | |

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 PLOT NAME = #NAME#
 USER NAME = #USER#

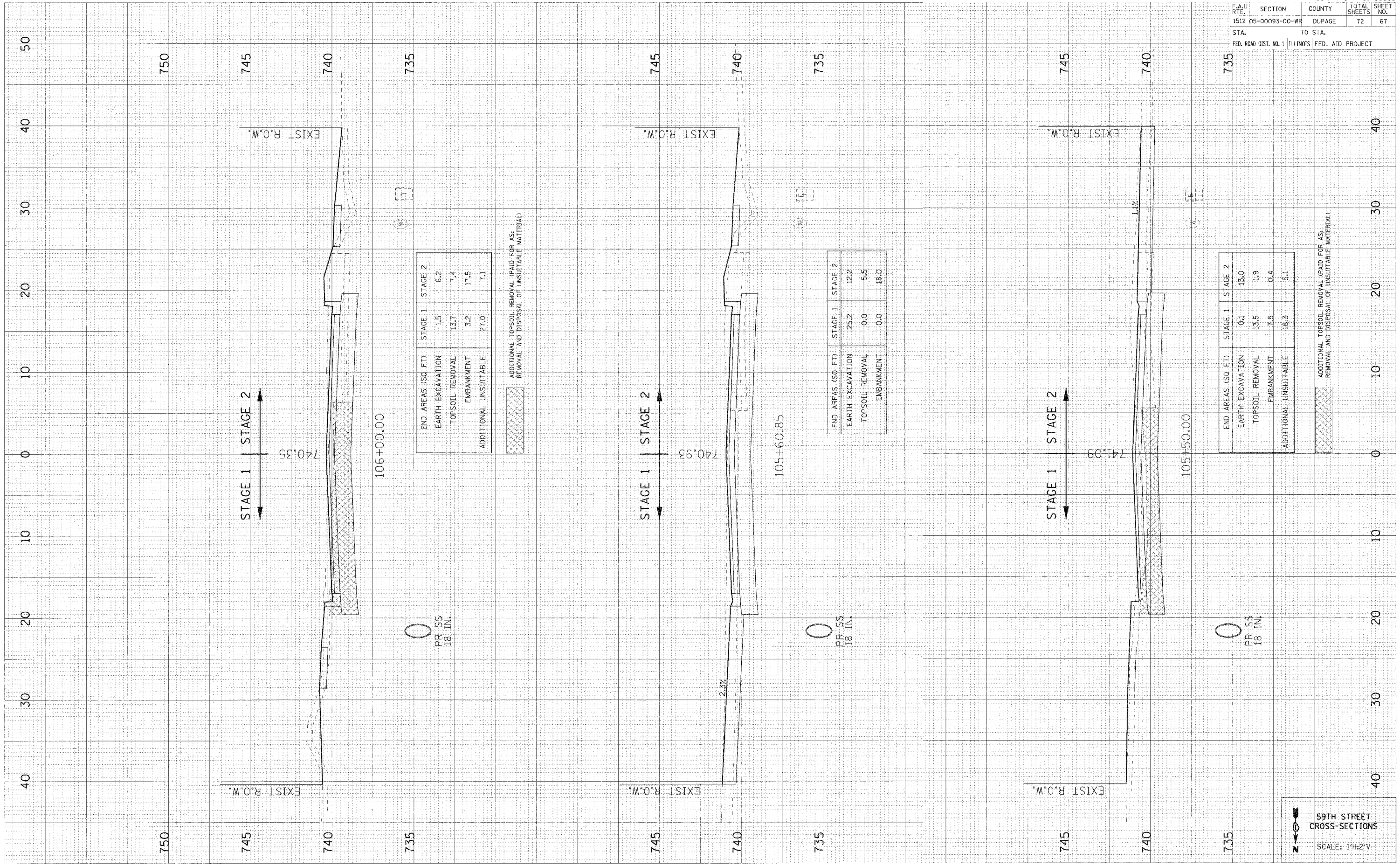


59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=2'V

PLOT DATE = 08/15/11
 FILE NAME = 83985-00-00-00-00-00
 USER NAME = 08/15/11

ORIGINAL
 SUPPLY
 NO. _____
 DATE _____

FINAL
 SUPPLY
 NO. _____
 DATE _____



| END AREAS (SQ FT) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 1.5 | 6.2 |
| TOPSOIL REMOVAL | 13.7 | 7.4 |
| EMBANKMENT | 3.2 | 17.5 |
| ADDITIONAL UNSUITABLE | 27.0 | 7.1 |

ADDITIONAL TOPSOIL REMOVAL (PAID FOR AS:
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

| END AREAS (SQ FT) | STAGE 1 | STAGE 2 |
|-------------------|---------|---------|
| EARTH EXCAVATION | 25.2 | 12.2 |
| TOPSOIL REMOVAL | 0.0 | 5.5 |
| EMBANKMENT | 0.0 | 18.0 |

| END AREAS (SQ FT) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.1 | 13.0 |
| TOPSOIL REMOVAL | 13.5 | 1.9 |
| EMBANKMENT | 7.5 | 0.4 |
| ADDITIONAL UNSUITABLE | 18.3 | 5.1 |

ADDITIONAL TOPSOIL REMOVAL (PAID FOR AS:
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)

PR SS
 18 IN.

PR SS
 18 IN.

PR SS
 18 IN.

59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=2' V

| | | | | |
|-----------------------|----------------|------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 67 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

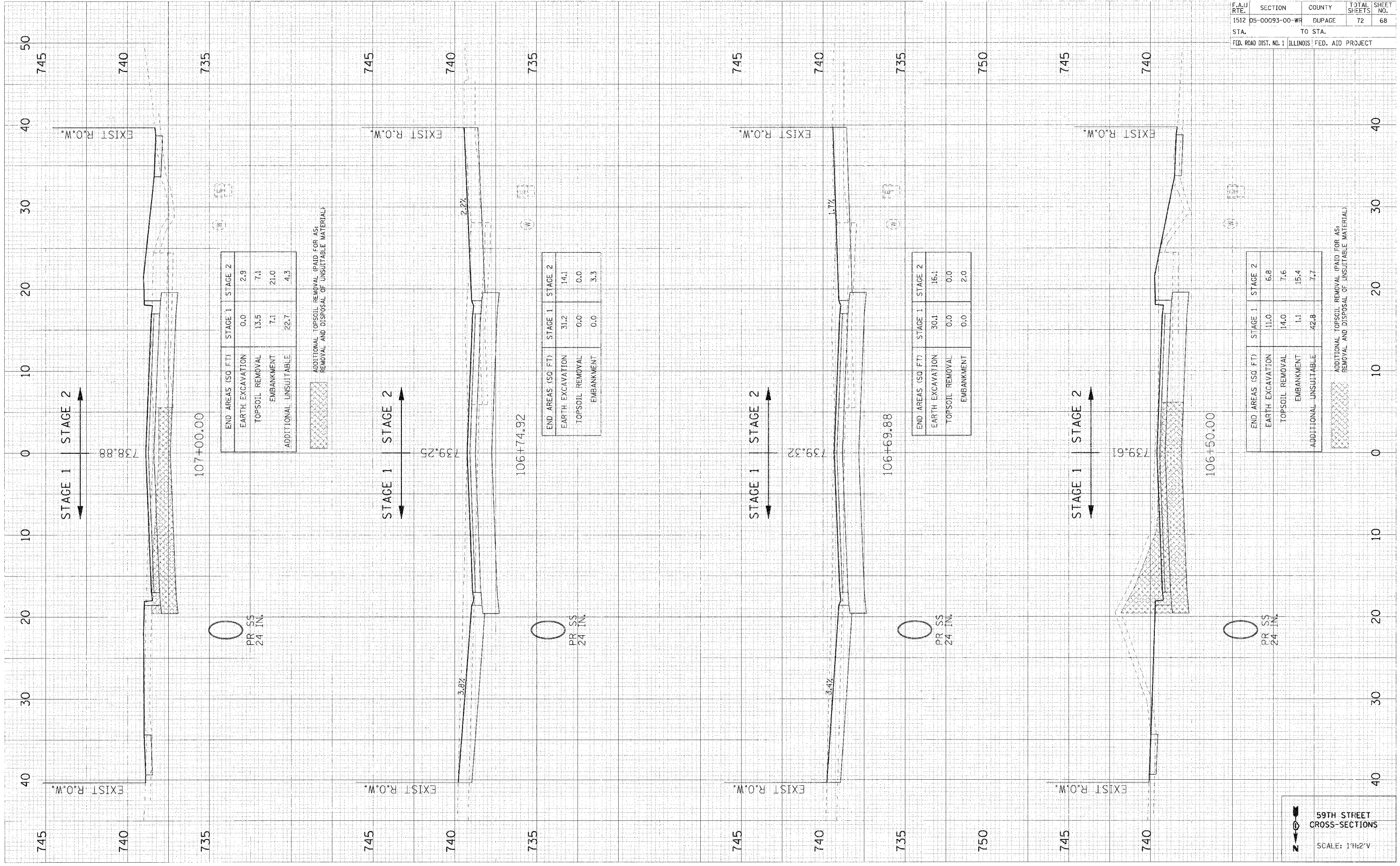
CONTRACT NO. 83985

| | | | | |
|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | D5-00093-00-WR | DUPAGE | 72 | 68 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |

| | |
|--------------|------|
| FINAL SURVEY | DATE |
| NO. 3 BOOK | |
| NO. 3 BOOK | |
| NO. 3 BOOK | |
| NO. 3 BOOK | |

| | |
|-----------------|------|
| ORIGINAL SURVEY | DATE |
| NO. 3 BOOK | |
| NO. 3 BOOK | |
| NO. 3 BOOK | |
| NO. 3 BOOK | |

PLOT DATE # 8/20/05
 FILE NAME # 83985
 USER NAME # KUSBR



| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.0 | 2.9 |
| TOPSOIL REMOVAL | 13.5 | 7.1 |
| EMBANKMENT | 7.1 | 21.0 |
| ADDITIONAL UNSUITABLE | 22.7 | 4.3 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 31.2 | 14.1 |
| TOPSOIL REMOVAL | 0.0 | 0.0 |
| EMBANKMENT | 0.0 | 3.3 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 30.4 | 16.4 |
| TOPSOIL REMOVAL | 0.0 | 0.0 |
| EMBANKMENT | 0.0 | 2.0 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 11.0 | 6.8 |
| TOPSOIL REMOVAL | 14.0 | 7.6 |
| EMBANKMENT | 1.1 | 15.4 |
| ADDITIONAL UNSUITABLE | 42.8 | 7.7 |

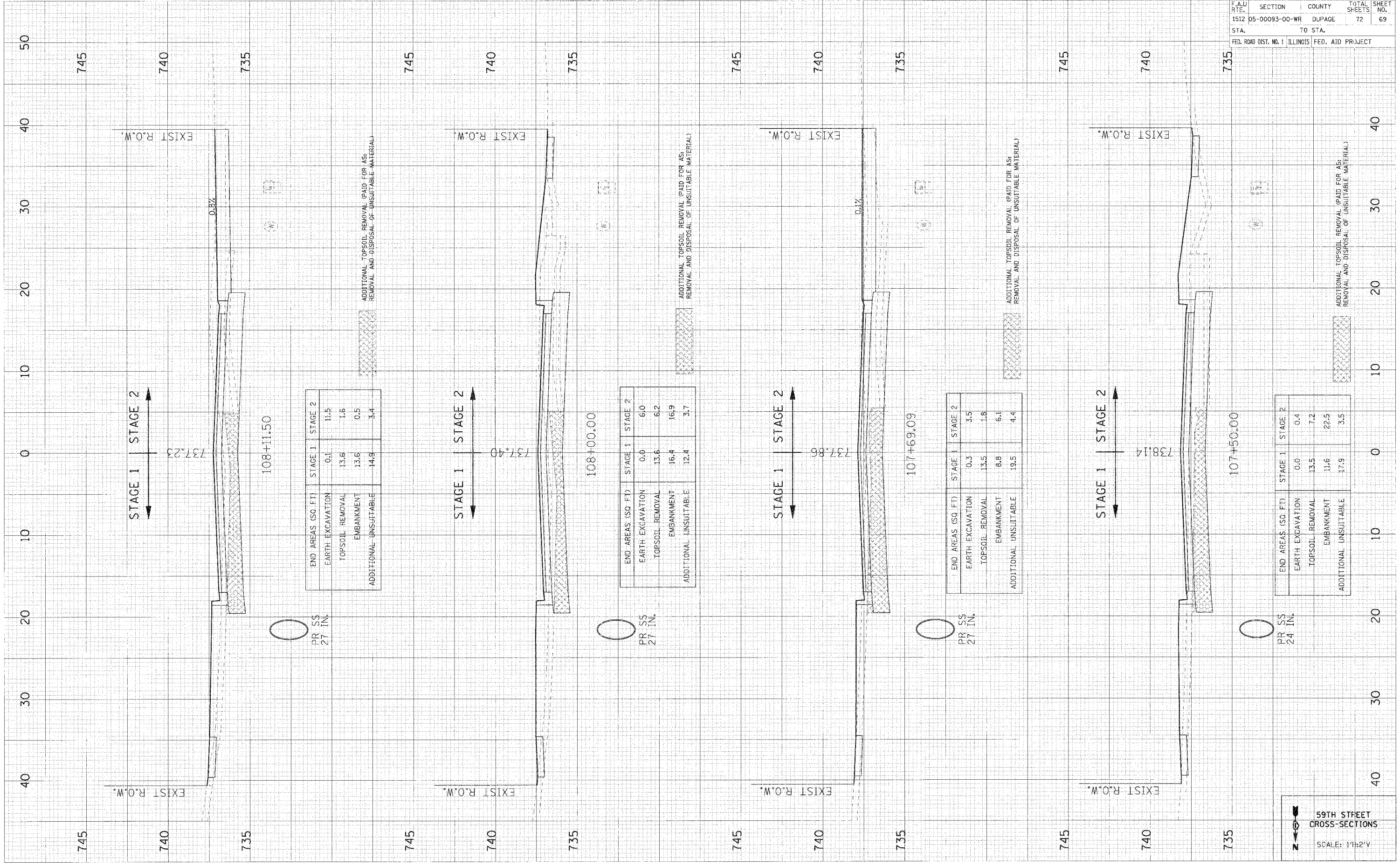
59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=2'

| | | | | |
|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1512 | 05-00093-00-WR | DUPAGE | 72 | 69 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |

| | |
|------|----|
| DATE | BY |
| DATE | BY |
| DATE | BY |
| DATE | BY |

| | |
|------|----|
| DATE | BY |
| DATE | BY |
| DATE | BY |
| DATE | BY |

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 USER NAME = #USER#



| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.1 | 11.5 |
| TOPSOIL REMOVAL | 13.6 | 1.6 |
| EMBANKMENT | 13.6 | 0.5 |
| ADDITIONAL UNSUITABLE | 14.9 | 3.4 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.0 | 6.0 |
| TOPSOIL REMOVAL | 13.6 | 6.2 |
| EMBANKMENT | 16.4 | 16.9 |
| ADDITIONAL UNSUITABLE | 12.4 | 3.7 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.3 | 3.5 |
| TOPSOIL REMOVAL | 13.5 | 1.8 |
| EMBANKMENT | 8.8 | 6.1 |
| ADDITIONAL UNSUITABLE | 19.5 | 4.4 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.0 | 0.4 |
| TOPSOIL REMOVAL | 13.5 | 7.2 |
| EMBANKMENT | 11.6 | 22.5 |
| ADDITIONAL UNSUITABLE | 17.9 | 3.5 |

59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=20'

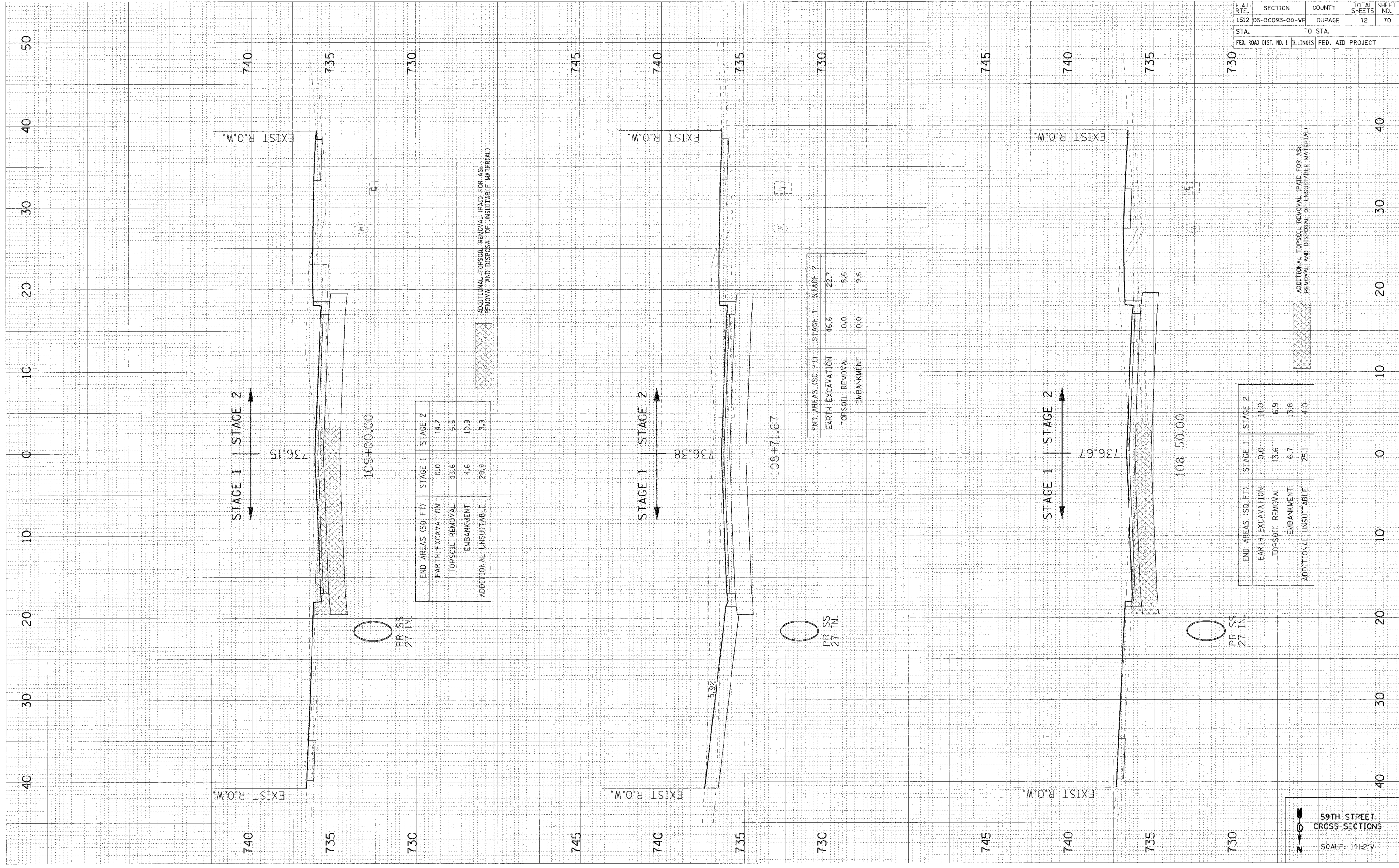
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ORIGINAL SURVEYOR
 SUPPLY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

FINAL SURVEYOR
 SUPPLY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY DATE

BY DATE



| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.0 | 14.2 |
| TOPSOIL REMOVAL | 13.6 | 6.6 |
| EMBANKMENT | 4.6 | 10.9 |
| ADDITIONAL UNSUITABLE | 29.9 | 3.9 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|---------------------|---------|---------|
| EARTH EXCAVATION | 46.6 | 22.7 |
| TOPSOIL REMOVAL | 0.0 | 5.6 |
| EMBANKMENT | 0.0 | 9.6 |

| END AREAS (SQ. FT.) | STAGE 1 | STAGE 2 |
|-----------------------|---------|---------|
| EARTH EXCAVATION | 0.0 | 11.0 |
| TOPSOIL REMOVAL | 13.6 | 6.9 |
| EMBANKMENT | 6.7 | 13.8 |
| ADDITIONAL UNSUITABLE | 25.1 | 4.0 |

59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=2'V

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 1512 | 05-00093-00-WF | DUPAGE | 72 | 70 |

CONTRACT NO. 83985

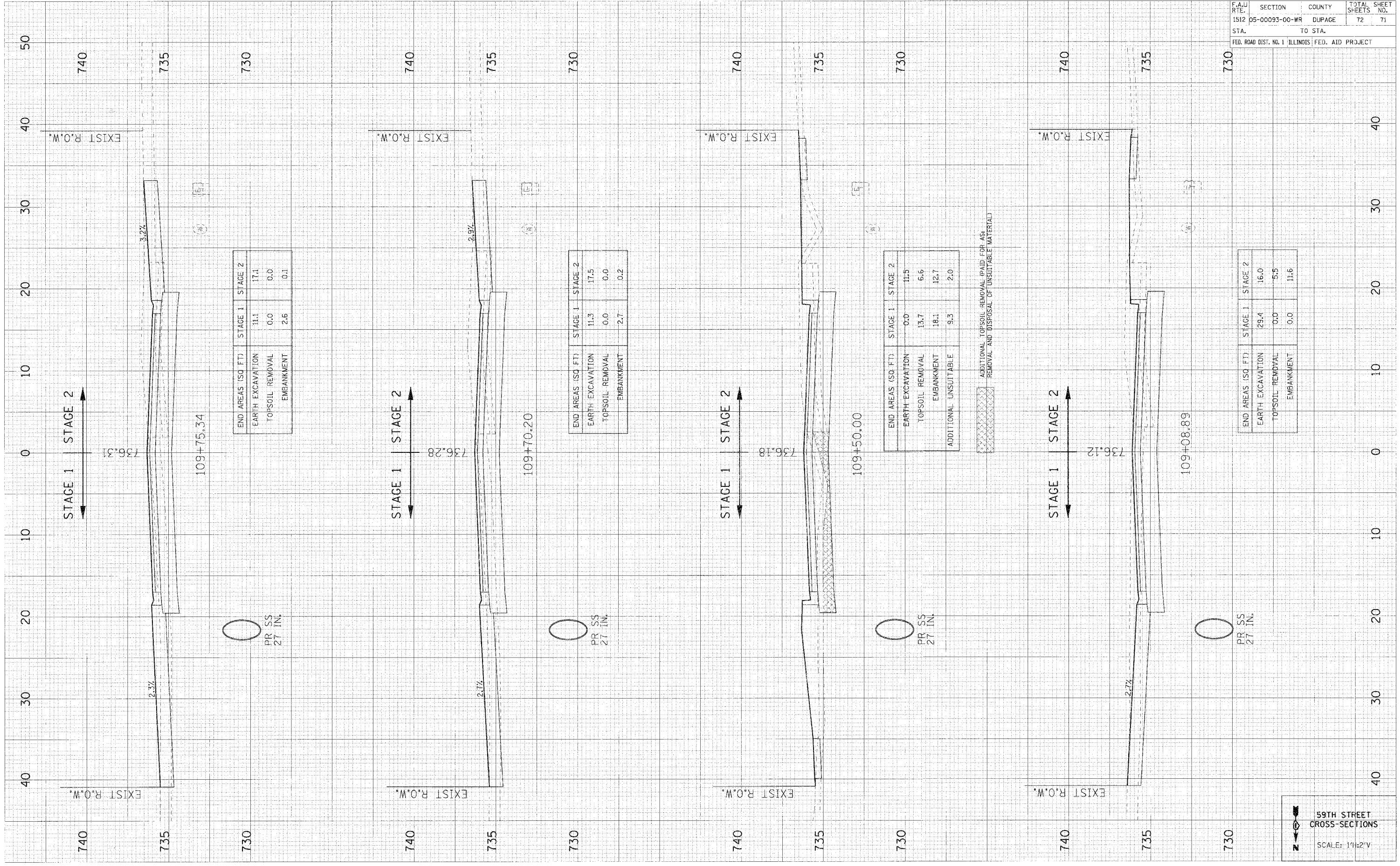
| STA. | TO STA. |
|-----------------------|---------------------------|
| FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT |

| | | | |
|---|----------------|--------|--------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS |
| 1512 | 05-00093-00-WR | DUPAGE | 72 |
| STA. | TO STA. | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | |

| | |
|--------------|------|
| FINAL SURVEY | DATE |
| NOTED BOOK | BY |
| NO. | NO. |

| | |
|-----------------|------|
| ORIGINAL SURVEY | DATE |
| NOTED BOOK | BY |
| NO. | NO. |

PLOT DATE = *DATES*
 FILE NAME = *SHELLS*
 USER NAME = *RUSBR*



| END AREAS (SQ FT) | STAGE 1 | STAGE 2 |
|-------------------|---------|---------|
| EARTH EXCAVATION | 29.4 | 16.0 |
| TOPSOIL REMOVAL | 0.0 | 5.5 |
| EMBANKMENT | 0.0 | 11.6 |

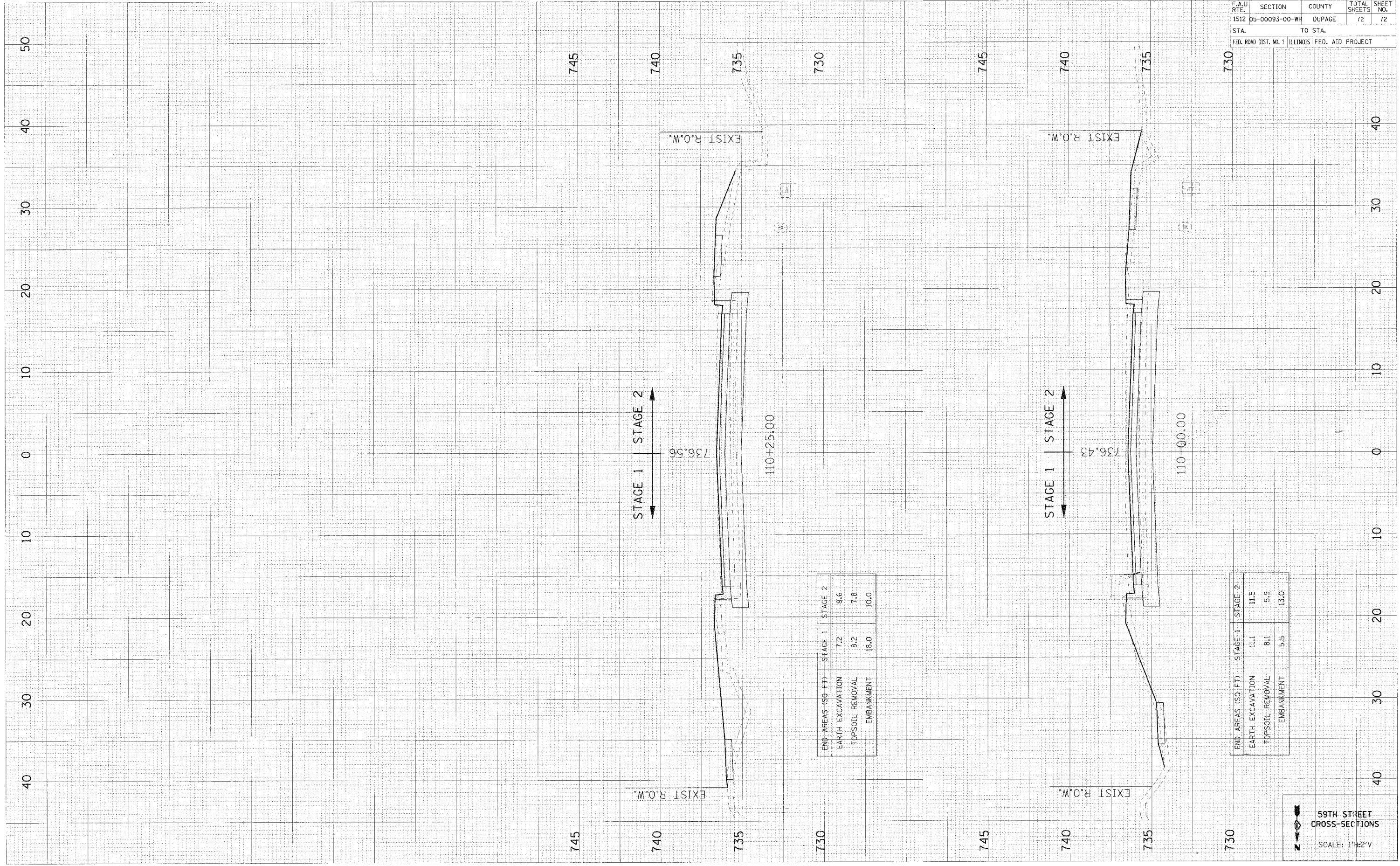
59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=2'V

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------------|---------------------------|--------------|-----------|
| 1512 | D5-00093-00-WR | DUPAGE | 72 | 72 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |

| | | |
|--------------|-----------|------|
| FINAL SURVEY | REVISIONS | DATE |
| NO. 1 | NO. 1 | |
| NO. 2 | NO. 2 | |
| NO. 3 | NO. 3 | |
| NO. 4 | NO. 4 | |

| | | |
|-----------------|-----------|------|
| ORIGINAL SURVEY | REVISIONS | DATE |
| NO. 1 | NO. 1 | |
| NO. 2 | NO. 2 | |
| NO. 3 | NO. 3 | |
| NO. 4 | NO. 4 | |

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



| END AREAS (SQ FT) | STAGE 1 | STAGE 2 |
|-------------------|---------|---------|
| EARTH EXCAVATION | 7.2 | 9.6 |
| TOPSOIL REMOVAL | 8.2 | 7.8 |
| EMBANKMENT | 18.0 | 10.0 |

| END AREAS (SQ FT) | STAGE 1 | STAGE 2 |
|-------------------|---------|---------|
| EARTH EXCAVATION | 11.1 | 11.5 |
| TOPSOIL REMOVAL | 8.1 | 5.9 |
| EMBANKMENT | 5.5 | 13.0 |

59TH STREET
 CROSS-SECTIONS
 SCALE: 1"=2'V