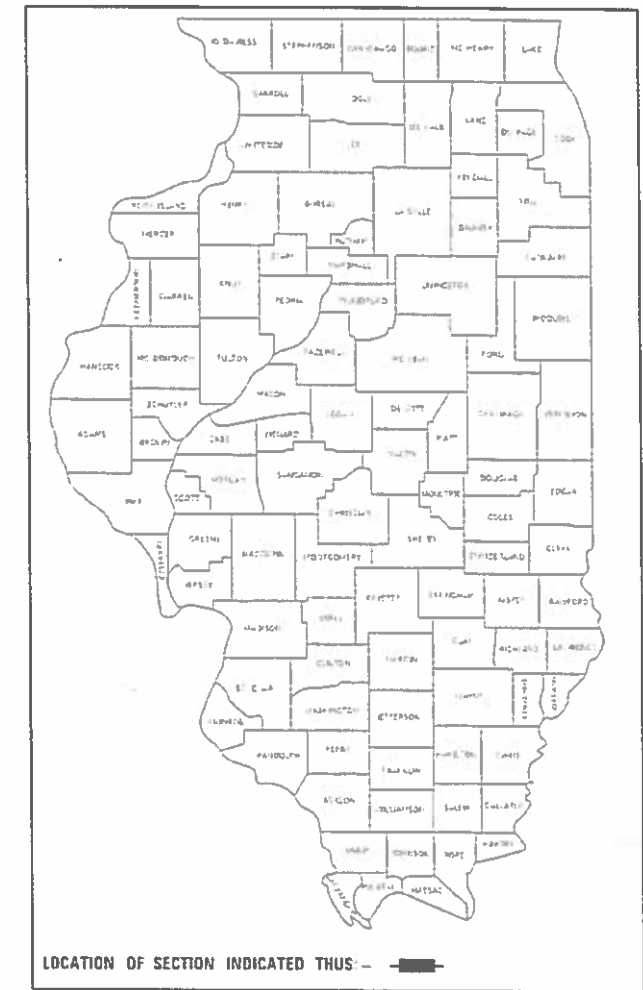


200

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A. NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------|---------------------|---------|--------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 1 |
| ILLINOIS CONTRACT NO. 74958 | | | | |

D-97-034-20



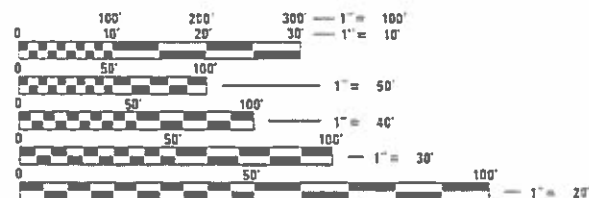
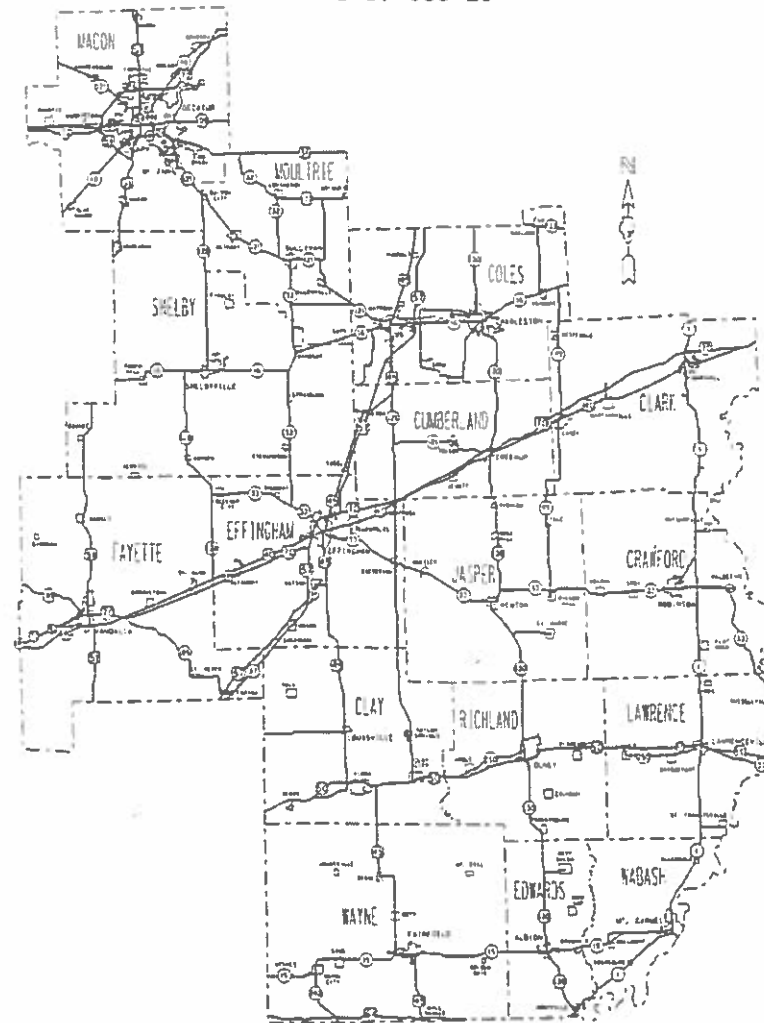
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D7 GUARDRAIL 2020-1

GUARDRAIL MAINTENANCE
VARIOUS COUNTIES

C-97-035-20



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 EXCAVATORS
1-800-892-0123
DR 811

PROJECT ENGINEER BRIAN LEWIS
PROJECT MANAGER BRIAN LEWIS

CONTRACT NO. 74958

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 27 2020
Jeffrey P. Myners REGIONAL ENGINEER
March 20, 2020
ENGINEER OF DESIGN AND ENVIRONMENT
James J. [Signature] 13
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THIS PROJECT IS LOCATED ON VARIOUS ROUTES IN TEN COUNTIES ALL LOCATED WITHIN DISTRICT 7. THE WORK INCLUDED IN THIS SECTION CONSISTS OF VARIOUS TYPES OF GUARDRAIL REPAIR AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

A VIRTUAL FIELD CHECK IS POSSIBLE BY SEARCHING THE COORDINATES OF ANY LOCATION IN GOOGLE MAPS AND GOING TO STREET VIEW. IMAGES THERE MAY NOT BE UP TO DATE.

REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY SHALL BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS SHALL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.

THE LIMITS OF THE DAMAGED GUARDRAIL WILL BE MARKED WITH PAINT. THE REPLACEMENT PARTS AND THE QUANTITIES INDICATED ARE WITHIN THESE LIMITS AS MARKED.

THE CONTRACTOR IS ADVISED THAT THE GUARDRAIL PAY ITEMS INCLUDED IN THE PLANS MAY BE USED TO REPLACE/REPAIR SPBGR AND TRAFFIC BARRIER TERMINALS FOR THE MIDWEST GUARDRAIL SYSTEM AS SHOWN IN THE HIGHWAY STANDARDS AS WELL AS SPBGR AND TRAFFIC BARRIER TERMINALS INSTALLED PRIOR TO JAN. 1, 2007. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR UTILIZING THE CURRENT MIDWEST GUARDRAIL SYSTEM STANDARD.

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, GENERAL NOTES & LIST OF STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4-5 SCHEDULES OF QUANTITIES
- 6-15 LOCATION MAPS BY COUNTY
- 16 SAND BARREL DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631031-16 TRAFFIC BARRIER TERMINAL, TYPE 6
- 631033-08 TRAFFIC BARRIER TERMINAL, TYPE 6B
- 643001-02 SAND MODULE IMPACT ATTENUATORS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701426-09 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W, WITH NONTRAVERSABLE MEDIAN
- 701901-08 TRAFFIC CONTROL DEVICES
- 725001-01 OBJECT AND TERMINAL MARKERS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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| | | | | | | | |
|--|---|--|--|---|---|---|--|
| | USER NAME = steffenmk DRAWN - CHECKED - DATE - | DESIGNED - DRAWN - CHECKED - DATE - | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES, INDEX OF SHEETS LIST OF STANDARDS | F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. | D7 GUARDRAIL 2020-1 VARIOUS CONTRACT NO. 74958 |
| | | | | SCALE: | SHEET OF SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | |
|-----------------------|--|-------|------------------|------------------------|-------------------|
| CODE NO | ITEM | UNIT | | 0021 MCHD | 0021 Cont. Maint. |
| 63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 100 | | 100 |
| 63100085 | TRAFFIC BARRIER TERMINAL, TYPE 6 | EACH | 1 | 1 | |
| 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 10 | 9 | 1 |
| 63100169 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED | EACH | 3 | 2 | 1 |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | |
| 72501000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 19 | 19 | |
| 78200005 | GUARDRAIL REFLECTORS, TYPE A | EACH | 34 | 27 | 7 |
| X6300210 | GUARDRAIL BLOCKS | EACH | 96 | 90 | 6 |
| X6300215 | RAIL ELEMENT PLATES | EACH | 166 | 116 | 50 |
| X6300220 | EXTRUDER HEAD | EACH | 3 | 3 | |
| X6300236 | STEEL POSTS 6' | EACH | 83 | 72 | 11 |
| X6300239 | STEEL POSTS 9' | EACH | 27 | 12 | 15 |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | |
|-----------------------|---|------|------------------|------------------------|-------------------|
| CODE NO | ITEM | UNIT | | 0021 MCHD | 0021 Cont. Maint. |
| X6431220 | REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE | EACH | 4 | 4 | |
| Z0029658 | REPAIR TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL - POST | EACH | 2 | | 2 |
| Z0052410 | REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT) | EACH | 15 | 14 | 1 |
| Z0052415 | REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED) | EACH | 2 | 1 | 1 |
| Z0052600 | REPAIR TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 1 | 1 | |
| Z0053220 | REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6B | EACH | 1 | 1 | |

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| USER NAME = steffenmk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 3/25/2020 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 3 |
| | | | CONTRACT NO. 74958 | |
| | | ILLINOIS | FED. AID PROJECT | |

MODEL: Default
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 PROJECT: 74958-CAADDataCAD\Drawings\DOT - Offices\Drawings\74958-Postuplanroom.dwg

| Map Location | Route | County | Nearest Municipality | Location | Latitude | Longitude | MCHD or Contract Maintenance | Claim Number | Rail Element Plates (Each) | Guardrail Blocks (Each) | Steel Post 6' (Each) | Steel Post 9' (Each) | Repair Traffic Barrier Terminal Type 1 (Special) Tangent (Each) | Repair Traffic Barrier Terminal Type 1 (Special) Flared (Each) | Repair Traffic Barrier Terminal Type 2 (Each) | Repair Traffic Barrier Terminal Type 6B (Each) | Repair Traffic Barrier Terminal Type 1 Special - Post (Each) | Extruder Head (Each) | Traffic Barrier Terminal Type 1 (Special) Tangent (Each) | Traffic Barrier Terminal Type 1 (Special) Flared (Each) | Steel Plate Beam Guardrail, Type A 6 Foot Posts (Foot) | Traffic Barrier Terminal Type 6 (Each) | Remove and Replace Impact Attenuator Sand Module (Each) | Terminal Marker - Direct Applied (Each) | Guardrail Reflectors, Type A (Each) |
|--------------|----------------|------------|----------------------|--|----------|-----------|------------------------------|--------------|----------------------------|-------------------------|----------------------|----------------------|---|--|---|--|--|----------------------|--|---|--|--|---|---|-------------------------------------|
| 1 | I-70 EB | CLARK | MARTINSVILLE | MP 139.75 (RT & LT) | 39.38722 | -87.81541 | MCHD | 817506 | 20 | | | 5 | | | | | | | | | | | | | 4 |
| 2 | I-70 WB | CLARK | MARSHALL | MP 154.78(RT) | 39.35319 | -87.90129 | MCHD | 817507 | 3 | 4 | 4 | | | | | | | | | | | | | | |
| 3 | I-70 WB | CLARK | CASEY | NE CORNER OF OVERPASS FOR ILL-49 | 39.32134 | -87.98397 | MCHD | 817598 | | | | | 1 | | | | 1 | | | | | | | | 1 |
| 4 | US-50 | CLAY | CLAY CITY | SE QUAD LITTLE MUDDY CREEK BRIDGE E OF CLAY CITY | 38.68741 | -88.29408 | MCHD | 817593 | 1 | | | | | | | | | | 1 | | | | | 1 | 1 |
| 5 | I-57 NB | COLES | MATTOON | MP 191.2 (RT) | 39.50748 | -88.31978 | MCHD | 817508 | 6 | 10 | 10 | | | | | | | | | | 1 | | | 1 | |
| 6 | I-57 NB | COLES | MATTOON | MP 190.05 (LT) | 39.49067 | -88.32198 | MCHD | 817522 | | 1 | 1 | | | | | | | | | | 1 | | | 1 | 1 |
| 7 | I-57 SB | COLES | HUMBOLT | MP 196.77 (MEDIAN SAND BARRELS) | 39.58670 | -88.31110 | MCHD | 817523 | | | | | | | | | | | | | | | 4 | | |
| 8 | I-57 NB | COLES | MATTOON | MP 190.5 (LT) | 39.49114 | -88.32198 | MCHD | 817600 | 2 | 3 | 3 | | | | | | | | | | | | | | 1 |
| 9 | I-57 NB | COLES | MATTOON | MP 192.9 | 39.53075 | -88.31310 | MCHD | 817605 | 2 | 2 | 2 | | | | | | | | | | | | | | |
| 10 | I-57 SB | COLES | HUMBOLDT | SB DRIVING LANE 0.8 MILE SOUTH OF 1700OVERHEAD | 39.61090 | -88.29510 | CM | N/A | 2 | | | | | | | | | | | | | | | | |
| 11 | I-57 NB | COLES | MATTOON | 0.6 MILE NORTH OF EXIT 192 | 39.53016 | -88.31313 | CM | N/A | | | | | | | | | | | | | 1 | | | | |
| 12 | I-57 SB | COLES | MATTOON | 0.1 MILE SOUTH OF IL 316 | 39.49115 | -88.32227 | CM | N/A | 4 | | | 4 | | | | | | | | | | | | | |
| 13 | I-57 NB | COLES | MATTOON | 180' NORTH OF ABANDONED RAILROAD TRAIL | 39.49030 | -88.32184 | CM | N/A | 9 | | | 11 | | | | | | | | | | | | | 3 |
| 14 | I-57 SB | COLES | MATTOON | 200' SOUTH OF ABANDONED RAILROAD TRAIL | 39.48921 | -88.32224 | CM | N/A | 1 | | | | | | | | | | | | | | | | |
| 15 | I-57 SB | COLES | MATTOON | APPROACHING RR OVERPASS SOUTHEAST OF TOWN | 39.45508 | -88.33530 | CM | N/A | 2 | | | | | | | | | | | | | | | | |
| 16 | I-57 SB | COLES | MATTOON | 100' BEYOND RR TRACKS SOUTHEAST OF TOWN | 39.45337 | -88.33795 | CM | N/A | 1 | | | | | | | | | | | | | | | | |
| 17 | I-57 SB | COLES | MATTOON | DEPARTURE SIDE OF US-45 OVERPASS | 39.42638 | -88.37858 | CM | N/A | 13 | | 5 | | | | | | | | | | | | | | 3 |
| 18 | I-57 NB | COLES | MATTOON | ON LEFT JUST BEFORE CROSSING US-45 | 39.42572 | -88.37914 | CM | N/A | | | | | | | | | | | | | | | | | |
| 19 | N TRIMBLE ROAD | CRAWFORD | ROBINSON | 0.33 MI S OF CR 1150N | 39.01874 | -87.72451 | MCHD | 817521 | | | | | 1 | | | | | | | | | | | 1 | |
| 20 | I-57 SB | CUMBERLAND | NEOGA | MP 175.75 | 39.31488 | -88.43887 | MCHD | 817510 | 2 | | | | | | | | | | | | | | | | 1 |
| 21 | I-70 WB | CUMBERLAND | GREENUP | MP 114.96 | 39.22932 | -88.21919 | MCHD | 817528 | 2 | 3 | 3 | | | | | | | | | 1 | | | | 1 | |
| 22 | I-57 SB | CUMBERLAND | NEOGA | MP 178.83 | 39.35716 | -88.42119 | MCHD | 817590 | 17 | 3 | 3 | | | | 1 | | | | | 1 | | | | 1 | 4 |
| 23 | I-57 SB | CUMBERLAND | NEOGA | APPROACHING OVERHEAD STRUCTURE FOR 1200N | 39.34558 | -88.42669 | CM | N/A | 1 | | | | | | | | | | | | | | | | |
| 24 | I-57 SB | CUMBERLAND | NEOGA | JUST SOUTH OF US-45 OVERPASS STRUCTURE | 39.32996 | -88.43405 | CM | N/A | 2 | | | | | | | | | | | | | | | | |
| 25 | I-57 SB | CUMBERLAND | NEOGA | APPROACHING OVERHEAD STRUCTURE FOR 1000N | 39.31686 | -88.43847 | CM | N/A | 2 | | | | | | | | | | | | | | | | |
| 26 | I-70 WB | CUMBERLAND | GREENUP | APPROACHING OVERHEAD STRUCTURE FOR 1350E | 39.22932 | -88.21920 | CM | N/A | | | | | | | | | | | | | 1 | | | | |
| 27 | I-70 WB | CUMBERLAND | JEWETT | APPROACHING OVERHEAD STRUCTURE FOR 1125E | 39.21292 | -88.26001 | CM | N/A | | | | | 1 | | | | | | | | | | | | |
| 28 | I-70 EB | CUMBERLAND | JEWETT | APPROACHING BRIDGE OVER 950E | 39.20177 | -88.29447 | CM | N/A | 4 | 6 | 6 | | | | | | | | | | | | | | 1 |

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| USER NAME = steffenmk | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 4 |
| | | | CONTRACT NO. 74958 | |
| | | ILLINOIS | FED. AID PROJECT | |

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| Map Location | Route | County | Nearest Municipality | Location | Latitude | Longitude | MCHD or Contract Maintenance | Claim Number | Rail Element Plates (Each) | Guardrail Blocks (Each) | Steel Post 6' (Each) | Steel Post 9' (Each) | Repair Traffic Barrier Terminal Type 1 (Special) Tangent (Each) | Repair Traffic Barrier Terminal Type 1 (Special) Flared (Each) | Repair Traffic Barrier Terminal Type 2 (Each) | Repair Traffic Barrier Terminal Type 6B (Each) | Repair Traffic Barrier Terminal Type 1 Special - Post (Each) | Extruder Head (Each) | Traffic Barrier Terminal Type 1 (Special) Tangent (Each) | Traffic Barrier Terminal Type 1 (Special) Flared (Each) | Steel Plate Beam Guardrail, Type A 6 Foot Posts (Foot) | Traffic Barrier Terminal Type 6 (Each) | Remove and Replace Impact Attenuator Sand Module (Each) | Terminal Marker - Direct Applied (Each) | Guardrail Reflectors, Type A (Each) |
|----------------|--|-----------|----------------------|---|----------|-----------|------------------------------|--------------|----------------------------|-------------------------|----------------------|----------------------|---|--|---|--|--|----------------------|--|---|--|--|---|---|-------------------------------------|
| 29 | I-57 SB RAMP 163 | EFFINGHAM | EFFINGHAM | SB RAMP TO EB I-70 | 39.15126 | -88.50886 | MCHD | 817511 | 2 | 2 | 2 | | | | | | | | | | | | | | |
| 30 | US-45 | EFFINGHAM | MASON | 394' N OF E 375TH AVE. | 38.97055 | -88.53920 | MCHD | 817512 | | | | | | | | | | | 1 | | | | | 1 | |
| 31 | I-57 NB | EFFINGHAM | EDGEWOOD | MP 146.95 (RT) | 38.95826 | -88.63545 | MCHD | 817513 | 4 | 8 | 8 | | | | | | | | 1 | | | | 1 | 1 | |
| 32 | I-57 NB | EFFINGHAM | EDGEWOOD | MP 147 (RT) | 38.95873 | -88.63505 | CM | N/A | 9 | | | | | | | | | | | | | | | | |
| 33 | I-70 WB | EFFINGHAM | EFFINGHAM | MP 99.18 (LT & RT) | 39.15169 | -88.49219 | MCHD | 817529 | 2 | | | | | | | | | | 1 | | | | | 1 | |
| 34 | I-70 WB | EFFINGHAM | EFFINGHAM | MP 99.18 | 39.15168 | -88.49227 | MCHD | 817599 | 2 | | | | | | | | | | | | | | | | 1 |
| 35 | I-57/70 SB/WB | EFFINGHAM | EFFINGHAM | MP 158.6 (JUST S OF BRIDGE OVER US-40) | 39.10966 | -88.57223 | MCHD | 817601 | 4 | 4 | | 2 | | | | | | | | | | | | | 1 |
| 36 | I-57 SB | EFFINGHAM | EFFINGHAM | MP 156.9 (LT) | 39.08723 | -88.58148 | MCHD | 817607 | | | | | 1 | | | | | | | | | | | | |
| 37 | I-70 WB | EFFINGHAM | MONTROSE | MP 103.4 (RT) | 39.16385 | -88.41507 | MCHD | 817608 | | | | | 1 | | | | | | | | | | | 1 | |
| 38 | I-70 EB | EFFINGHAM | MONTROSE | MP 101.98 | 39.15950 | -88.44082 | MCHD | 817609 | | | | | | 1 | | | | | | | | | | | |
| 39 | I-70 WB | EFFINGHAM | EFFINGHAM | MP 92 AT SPLIT OF SB I-57 & WB I-70 | 39.09635 | -88.58024 | MCHD | 817610 | | | | | 1 | | | | | | | | | | | | |
| 40 | I-57 SB | EFFINGHAM | EDGEWOOD | MP 143.87 | 38.92562 | -88.67327 | MCHD | 817611 | 4 | 7 | 4 | | | | | | | | | | | | | | 1 |
| 41 | I-70 WB | FAYETTE | BLUFF CITY | MP 66.23 | 38.97534 | -89.03402 | MCHD | 817516 | 6 | 5 | 4 | | | | | | | | | | | | | | 1 |
| 42 | I-70 EB RAMP (FROM US-51 TO EB I-70) | FAYETTE | VANDALIA | EXIT 63 ON RAMP TO EB I-70 | 38.97725 | -89.09355 | MCHD | 817594 | 3 | 3 | 3 | | | | | | | | | | | | | | |
| 43 | I-70 EB | FAYETTE | VANDALIA | MP 64.57 (LT) | 38.97617 | -89.06402 | MCHD | 817618 | 7 | 5 | 5 | | | | | | | | | | | | | | 2 |
| 44 | I-70 EB | FAYETTE | MULBERRY GROVE | MP 53.54 | 38.92189 | -89.24650 | MCHD | 817619 | 3 | 5 | | 5 | | | | | | | | | | | | | 1 |
| 45 | I-70 WB | FAYETTE | BLUFF CITY | MP 66.43 (LT) | 38.97521 | -89.02960 | MCHD | 817650 | 6 | 3 | 1 | | | | | | | | | | | | | | 1 |
| 46 | I-70 WB | FAYETTE | VANDALIA | MP 63.12 JUST EAST OF US-51 OFF RAMP | 38.97749 | -89.09126 | MCHD | 817659 | 2 | | | | | | | | | | | | | | | | |
| 47 | ILL-1 NB | LAWRENCE | LAWRENCEVILLE | SE QUAD FOR US-50 OVERHEAD N OF LAWRENCEVILLE | 38.73876 | -87.68416 | MCHD | 817591 | | | | | 1 | | | | | | | | | | | | |
| 48 | OLD US-50 | LAWRENCE | LAWRENCEVILLE | SW QUAD SN 051-0055 | 38.71051 | -87.60992 | MCHD | 817604 | | | | | | | | | | | 1 | | | | | 1 | |
| 49 | BUS-51/105 SB/WB (NW QUAD SN 058-0007) | MACON | DECATUR | 800' S OF CLEVELAND AVE | 39.82817 | -88.95358 | MCHD | 817515 | | | | | 1 | | | | | | | | | | | 1 | |
| 50 | I-72 EB | MACON | DECATUR | MP 134.72 (LT) | 39.85766 | -89.04554 | MCHD | 817518 | 2 | 4 | 1 | | | | | | | | 1 | | | | | 1 | |
| 51 | BUS 51 RAMP (FROM NB 51 TO BUS 51) | MACON | ELWIN | 0.5 MI N OF ELWIN/MT ZION EXIT | 39.76400 | -88.98098 | MCHD | 817519 | | | | | 1 | | | | | | | | | | | | |
| 52 | BUS-51/105 SB/WB | MACON | DECATUR | NE QUAD OF LAKE DECATUR BRIDGE (LT) | 39.82643 | -88.95461 | MCHD | 817527 | | | | | | | | | | | 1 | | 100 | | | 1 | 2 |
| 53 | I-72 EB | MACON | DECATUR | MP 134.73 (LT) | 39.85766 | -89.04554 | MCHD | 817596 | 4 | 6 | 6 | | | | | | | | | | | | | | 1 |
| 54 | I-72 EB | MACON | FORSYTH | 1000' W OF EXIT 141B | 39.90792 | -88.96477 | MCHD | 817602 | | | | | 1 | | | | | 1 | | | | | | 1 | |
| 55 | I-72 EB | MACON | FORSYTH | MP 142.61 | 39.90913 | -88.92726 | MCHD | 817615 | | | | | 1 | | | | | 1 | | | | | | 1 | |
| 56 | I-72 WB | MACON | FORSYTH | MP 140.74 1/4 MI W OF US-51N | 39.90826 | -88.96246 | MCHD | 817616 | | | | | 1 | | | | | | | | | | | 1 | |
| 57 | I-72 EB | MACON | DECATUR | MP 134.4 | 39.85287 | -89.04551 | MCHD | 817617 | 8 | 10 | 10 | | | | | | | | | | | 1 | | | 2 |
| 58 | US-51 | SHELBY | RAMSEY | 935' N OF OON (RT & LT) | 39.21796 | -89.10074 | MCHD | 817517 | | | | | 2 | | | | | 1 | | | | | | 2 | |
| 59 | ILL-128 | SHELBY | COWDEN | NW QUAD KASKASKIA RIVER BRIDGE | 39.23148 | -88.84388 | MCHD | 817651 | 2 | 2 | 2 | | 1 | | | | | | | | | | | | |
| TOTALS: | | | | | | | | | 166 | 96 | 83 | 27 | 15 | 2 | 1 | 1 | 2 | 3 | 10 | 3 | 100 | 1 | 4 | 19 | 34 |

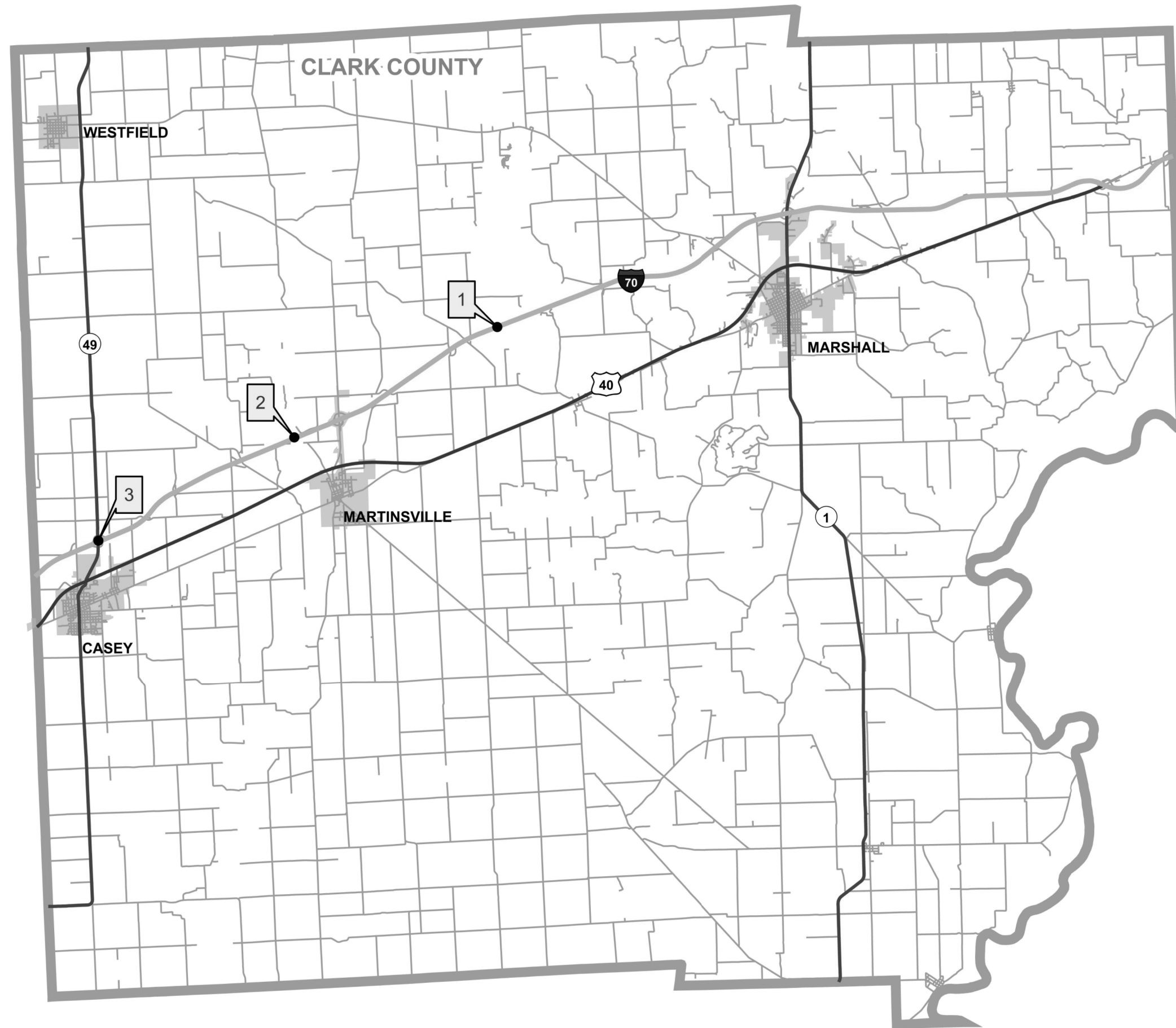
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|------------------------------|------------|-----------|
| USER NAME = steffenmk | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
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| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 74958 | |



MODEL: Default
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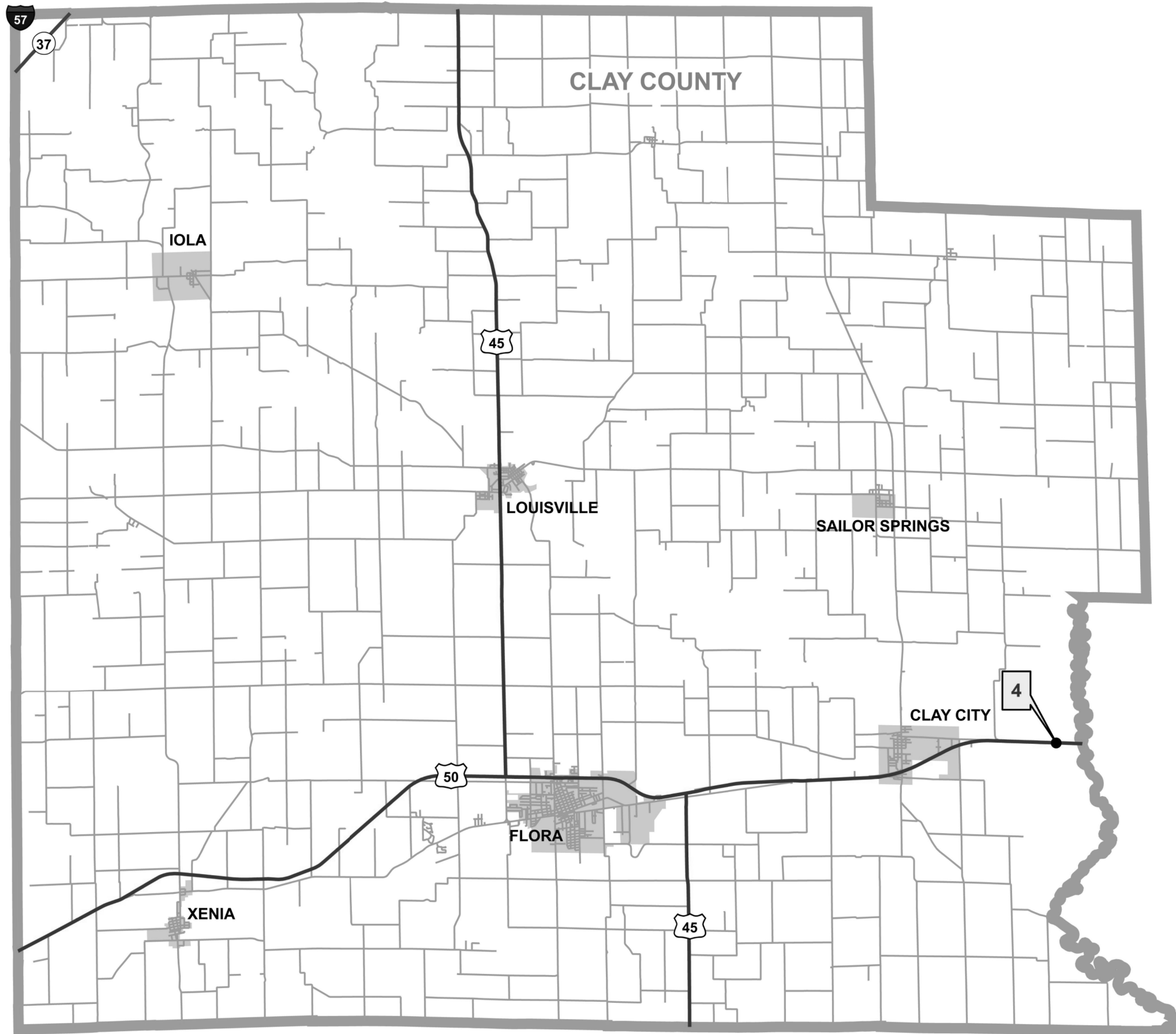
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLARK COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 6 |
| CONTRACT NO. 74958 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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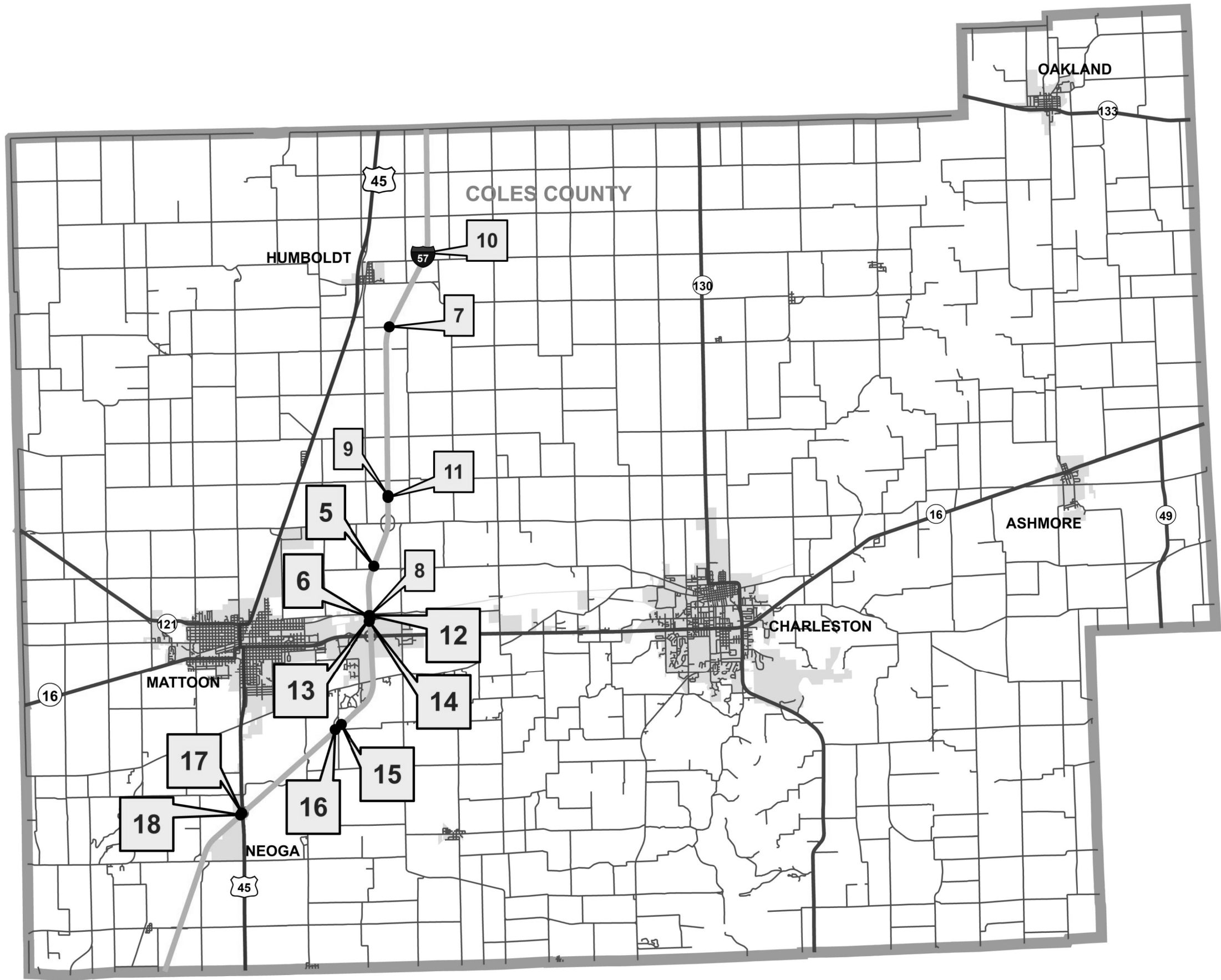
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLAY COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 7 |
| | | | CONTRACT NO. 74958 | |
| ILLINOIS FED. AID PROJECT | | | | |



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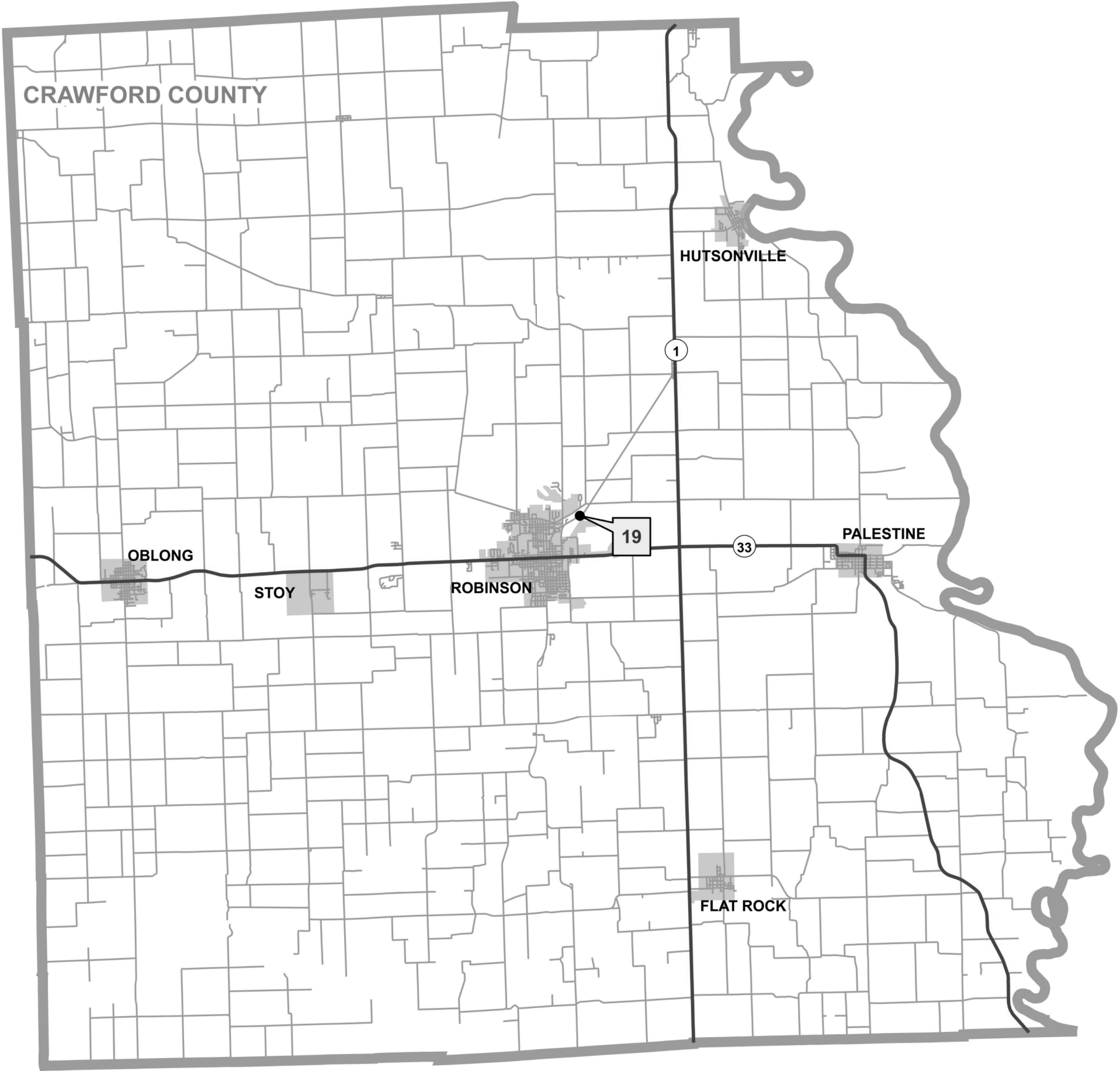
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| PLOT DATE = 3/25/2020 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COLES COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 8 |
| | | | CONTRACT NO. 74958 | |
| ILLINOIS FED. AID PROJECT | | | | |



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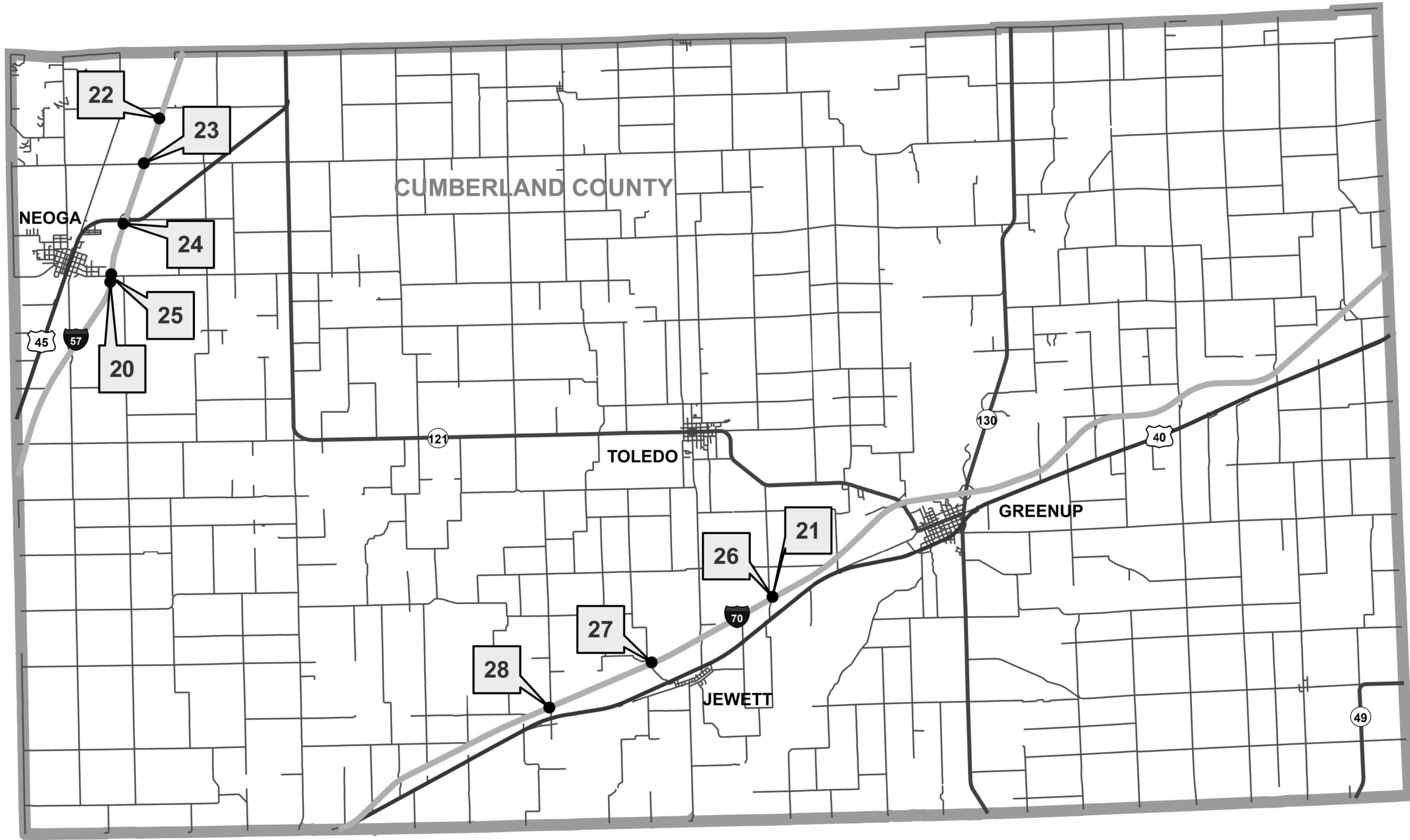
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRAWFORD COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 9 |
| | | | CONTRACT NO. 74958 | |
| ILLINOIS FED. AID PROJECT | | | | |



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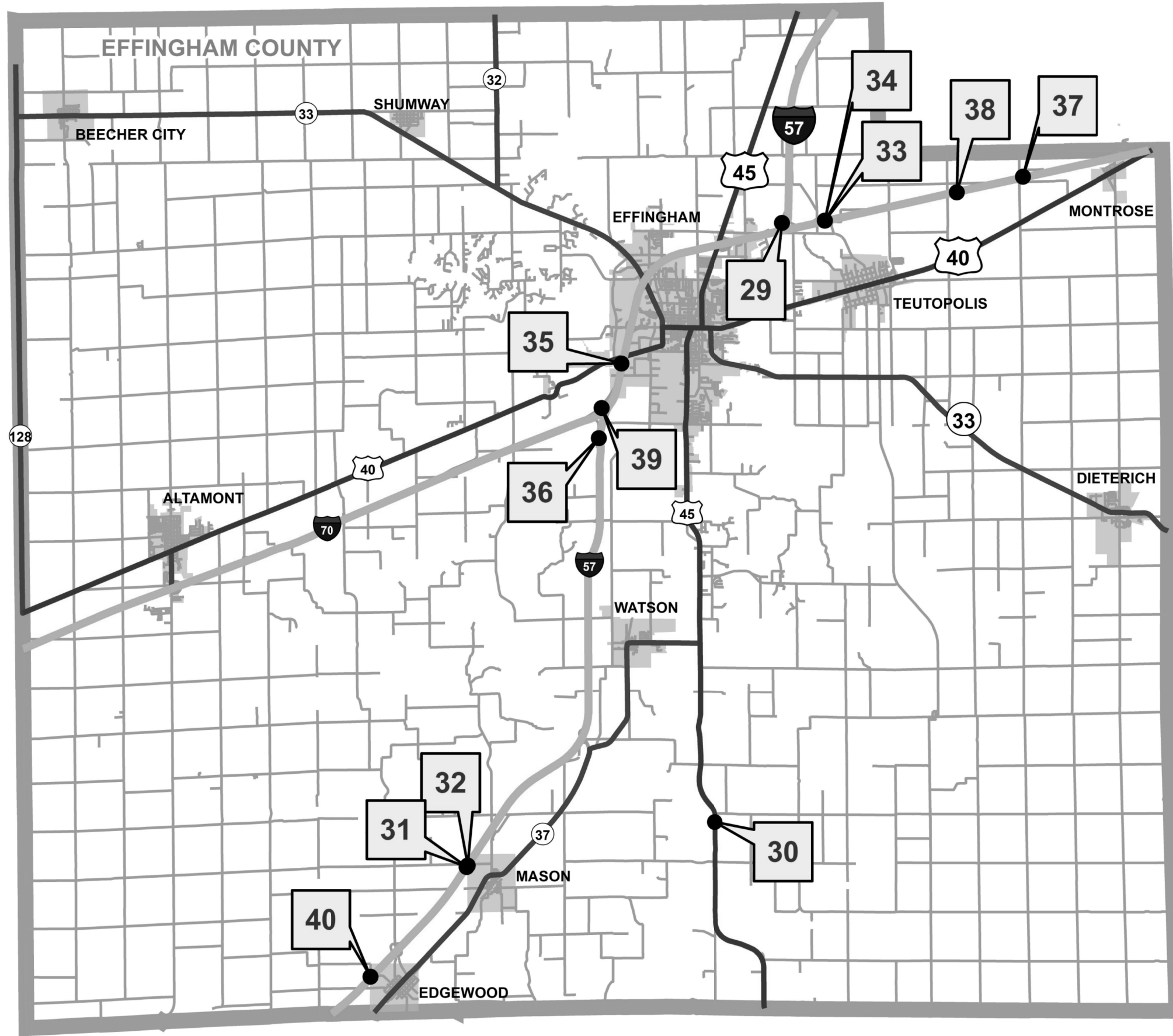
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CUMBERLAND COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 10 |
| CONTRACT NO. 74958 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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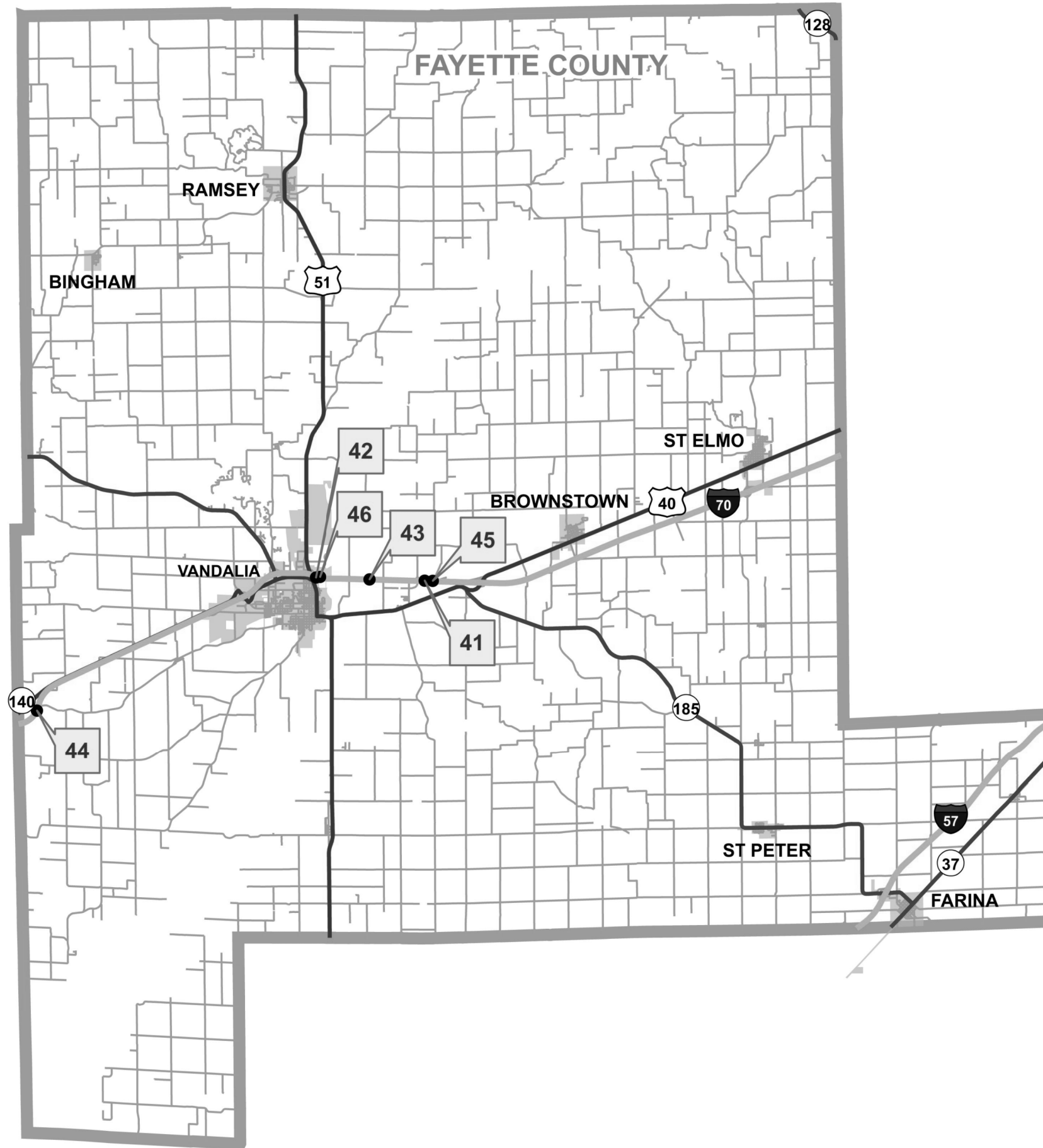
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EFFINGHAM COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|---------------------|----------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 11 |
| | | | CONTRACT NO. 74958 | |
| | | ILLINOIS | FED. AID PROJECT | |



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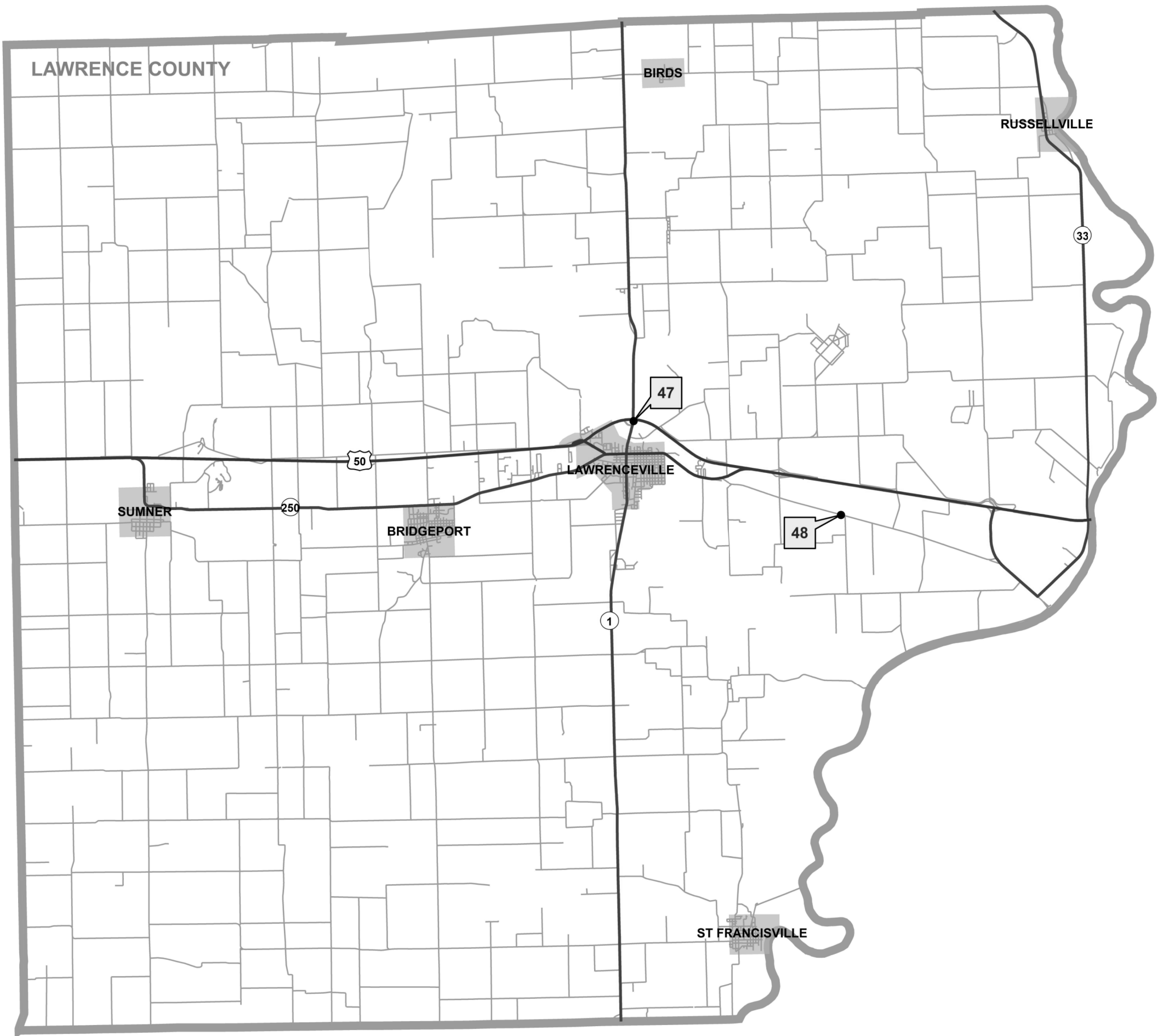
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAYETTE COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|---------------------|----------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 12 |
| | | | CONTRACT NO. 74958 | |
| | | ILLINOIS | FED. AID PROJECT | |



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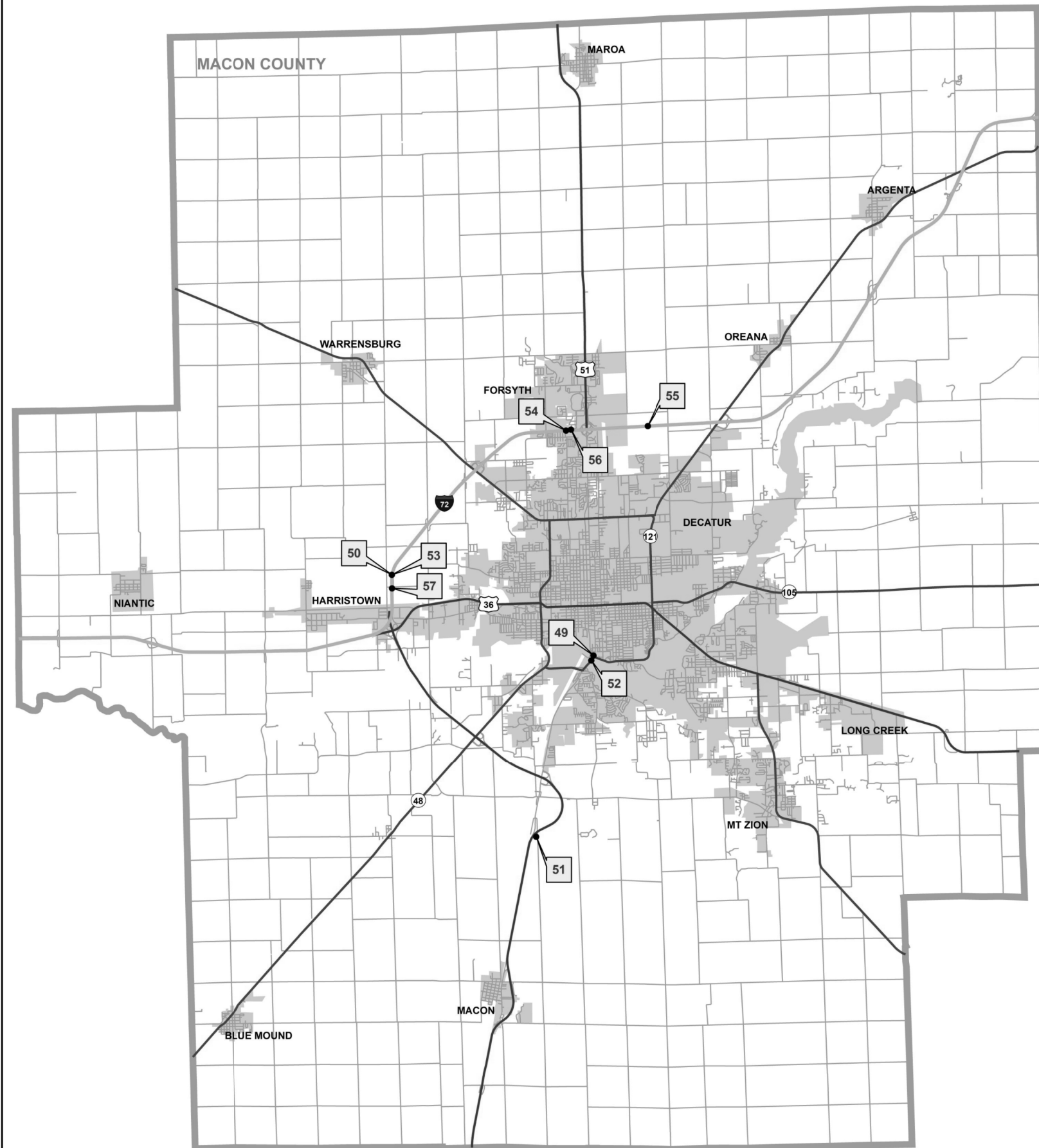
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LAWRENCE COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 13 |
| | | | CONTRACT NO. 74958 | |
| ILLINOIS FED. AID PROJECT | | | | |

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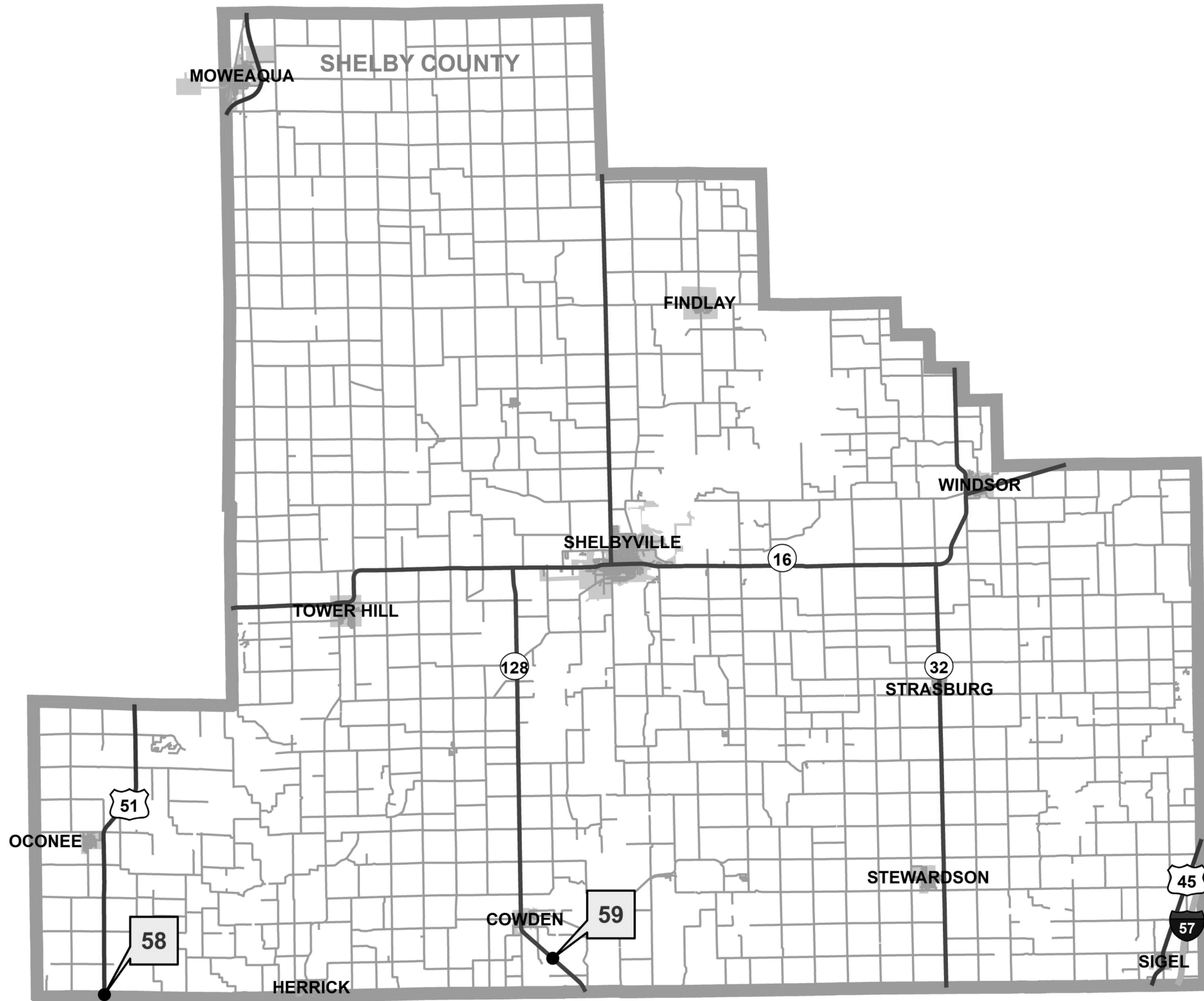
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MACON COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 14 |
| CONTRACT NO. 74958 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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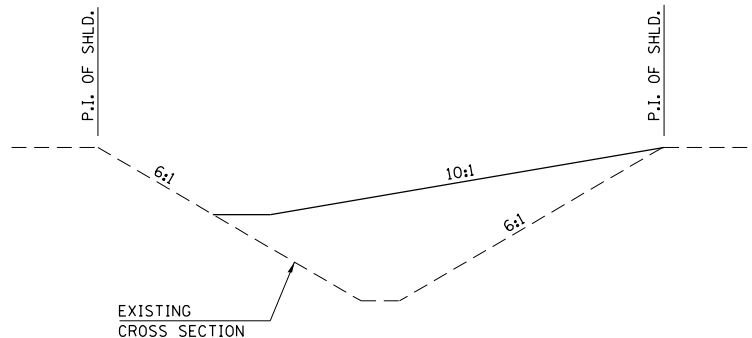
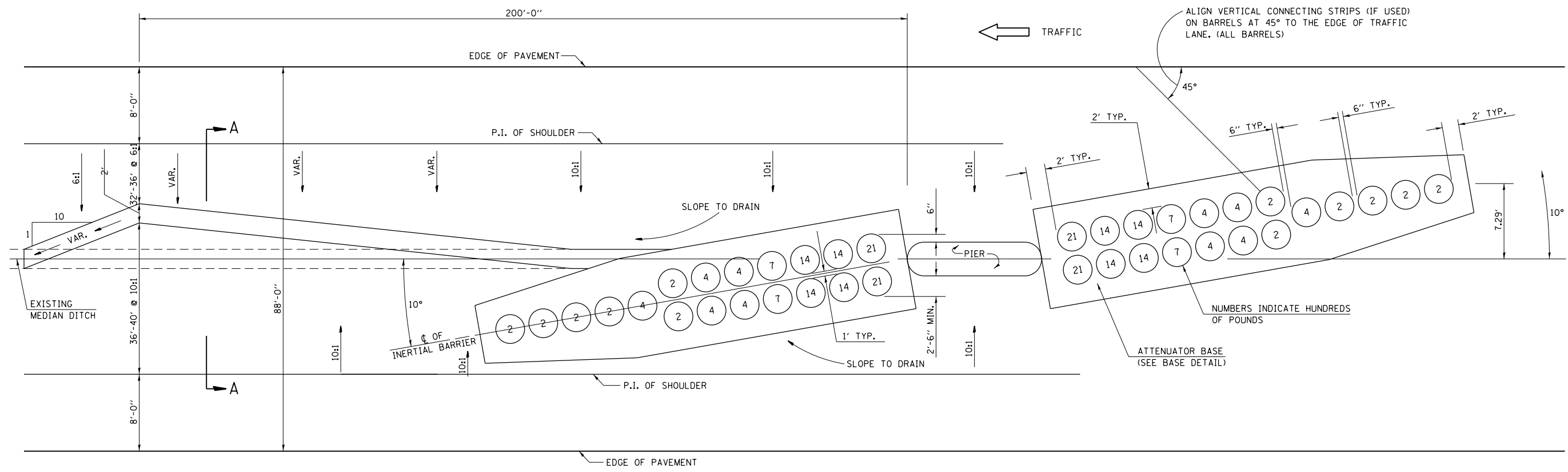
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| PLOT DATE = 3/25/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

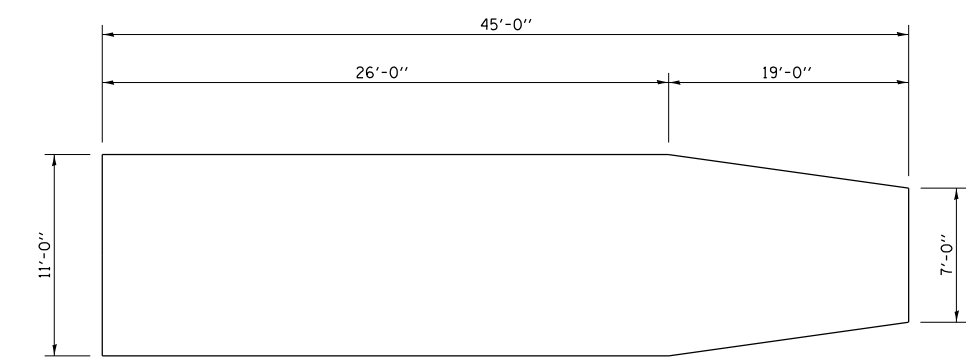
SHELBY COUNTY MAP

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 15 |
| | | | CONTRACT NO. 74958 | |
| ILLINOIS FED. AID PROJECT | | | | |



SECTION A-A
GRADING AND SHAPING DETAIL



BASE DETAIL

GENERAL NOTES

1. ALL 10:1 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. THE LENGTH X WIDTH OF MODULE LAYOUT IS 41.0' x 7.0' : 19 MODULES - 14,400 LBS.
4. IN AREAS OF 10:1 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' INTERVALS IN THE MEDIAN ϕ . SEE SPECIAL PROVISIONS AND SCHEDULES.

NOTE:
This sheet applies ONLY when making partial repair of an existing sand barrel array that was installed according to this drawing. Use Standard 643001 for a complete replacement.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. Z0030150

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| PLOT DATE = 3/25/2020 | DATE = | REVISED = | REVISED = |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF IMPACT ATTENUATOR (PERFORMANCE TEST LEVEL 3)
88' MEDIAN**

SCALE: SHEET NO. OF SHEETS STA. TOTAL

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------------|-----------|
| | D7 GUARDRAIL 2020-1 | VARIOUS | 16 | 16 |
| | | | CONTRACT NO. 74958 | |
| ILLINOIS FED. AID PROJECT | | | | |