

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-----------------|---------|--------------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 1 |
| ILLINOIS | | | CONTRACT NO. 78660 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 7-18

DESIGN DESIGNATION: 1066(20) OTHER PRINCIPAL ARTERIAL 1.80 (FD-20)

PROPOSED HIGHWAY PLANS

FAP ROUTE 42 (IL 13 /127)
SECTION 13N-1,(13-1)N-2
PROJECT HSIP-NHPP-5DI0(888)
INTERSECTION IMPROVEMENT AND RESURFACING
JACKSON COUNTY

C-99-088-18

TRAFFIC DATA

| | ADT | % TRUCKS |
|-------------------|--------------|----------|
| IL 13 /127 | 9,000 (2018) | 5.0 |
| AVA RD. | 4,400 (2018) | 4.4 |
| KIMMEL BRIDGE RD. | 700 (2018) | 2.9 |
| GRANGE HALL RD. | 450 (2018) | 2.2 |

TOWNSHIPS

SOMERSET

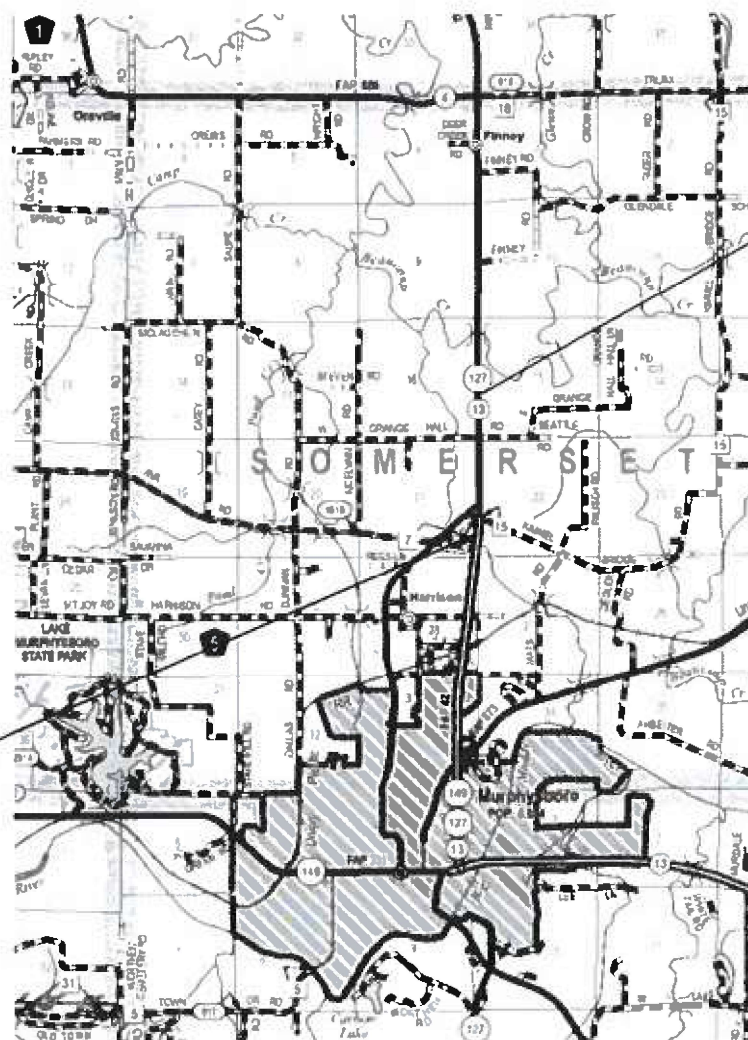
COORDINATE SYSTEM : ILLINOIS COORDINATE SYSTEM, WEST ZONE

POSTED SPEED : 55 MPH

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

PROJECT MANAGER SUSAN POE
PROJECT ENGINEER SEAN GREENLEE

CONTRACT NO. 78660



PROJECT BEGINS
STA. 1002+00.00 NB LANES
STA. 4005+29.85 SB LANES

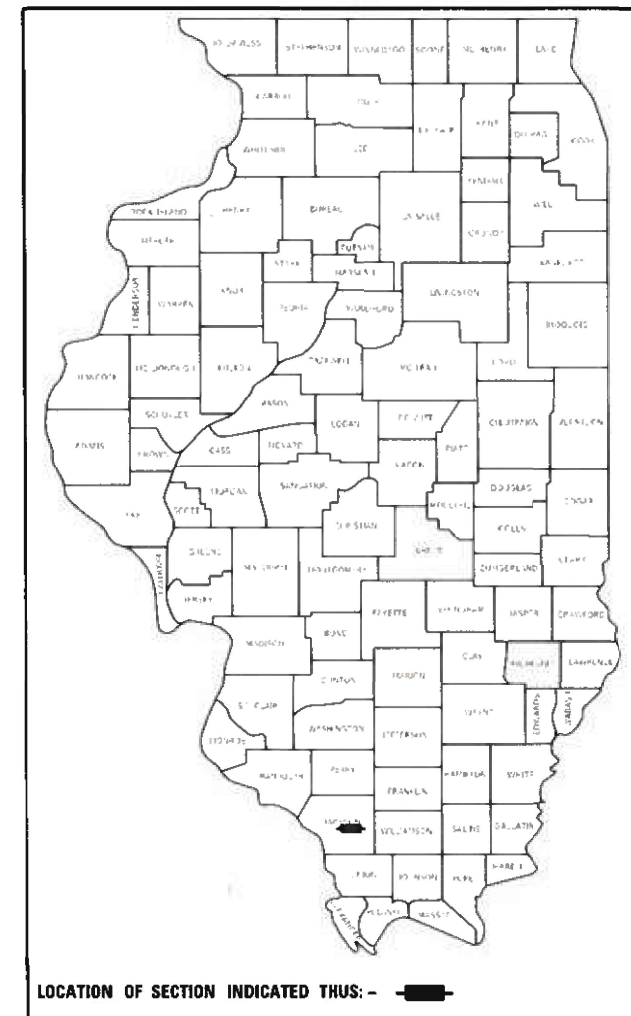
PROJECT ENDS
STA. 1074+66.71

STATION EQUATIONS

EXISTING (FAP 42) 495+30.60 BK = 159+75.70 AH
PROP SB LANES 4070+76.02 BK = 1070+79.65 AH NB LANES

GROSS LENGTH = 7,226.71 FT. = 1.37 MILES
NET LENGTH = 7,226.71 FT. = 1.37 MILES

D-99-057-18



LOCATION OF SECTION INDICATED THUS: - [thick black line] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED

08-13-2020
[Signature]

REGION FIVE ENGINEER

May 7, 2021

[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021

[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

M:\01 - Design - 2024\113-113-1IN-2\113-113-1IN-2.dwg User: jsteele Date: 7/18/2024 10:00:00 AM

Prepared By: Charles Steier
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Wilson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kelley Kelly
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas T. [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

| | | | | | | | | | | |
|---------------------------|------------|-----------|---|------------------------|----------|--|-----------------|---------|--------------|-----------|
| USER: jsteele | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SIGNATURE SHEET | | F.A.P. RATE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 1/8" = 1'-0" | DRAWN - | REVISED - | | SCALE | SHEET OF | 42 | 13N-1,113-1IN-2 | JACKSON | 347 | 2 |
| PLOT DATE = 7/18/2024 | CHECKED - | REVISED - | | STA. | TO STA. | ILLINOIS FED. AID PROJECT CONTRACT NO. 78660 | | | | |

INDEX OF SHEETS

| SHEET NO | DESCRIPTION |
|----------|--|
| 1 | COVER SHEET |
| 2 | SIGNATURE SHEET |
| 3 | INDEX OF SHEETS |
| 4 | STANDARDS |
| 5 | MIXTURES TABLES |
| 6 | GENERAL NOTES AND COMMITMENTS |
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| | | | | | | | | | |
|--|--|--|---|---|-------------------|----------------------------|-------------------|---------------------|----------------|
| USER NAME = fowler PLOT SCALE = 100,0000' / in. PLOT DATE = 10/13/2020 | DESIGNED - DRAWN - CHECKED - DATE - | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS SCALE: SHEET OF SHEETS STA. TO STA. | F.A.P. RTE. 42 | SECTION 13N-1,(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 3 |
| ILLINOIS FED. AID PROJECT | | | | | | | | CONTRACT NO. 78660 | |

MIXTURES REQUIREMENTS

| | |
|---|--|
| Locations | Hot-Mix Asphalt Surface Course |
| Mixture Use(s): | Hot-Mix Asphalt Surface Course, Mix D, N90 |
| AC/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 90 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5mm |
| Friction Aggregate: | D Surface |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality Management Program: | QCP - Full Depth QCP - Tons |
| Sublot Size: | TBD |

| | |
|---|--|
| Locations | Hot-Mix Asphalt Binder Course (Top Lift) |
| Mixture Use(s): | Hot-Mix Asphalt Binder Course, N90, IL-9.5FG |
| AC/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 90 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5FG |
| Friction Aggregate: | None |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality Management Program: | QCP - Full Depth QCP - Tons |
| Sublot Size: | TBD |

| | |
|---|--|
| Locations | Hot-Mix Asphalt Binder Course (Lower Lifts) & Temporary Pavement |
| Mixture Use(s): | Hot-Mix Asphalt Binder Course, N90, IL-19.0 |
| AC/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 90 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-19.0mm |
| Friction Aggregate: | None |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality Management Program: | QCP |
| Sublot Size: | TBD |

| | |
|---|--|
| Locations | Hot-Mix Asphalt Shoulders (Top Lift) |
| Mixture Use(s): | Hot-Mix Asphalt Surface Course, N30, IL-9.5L |
| AC/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 30 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5L |
| Friction Aggregate: | None |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality Management Program: | QCQA |
| Sublot Size: | NA |

| | |
|---|--|
| Locations | Hot-Mix Asphalt Shoulders (Lower Lifts) |
| Mixture Use(s): | Hot-Mix Asphalt Binder Course, N30, IL-19.0L |
| AC/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 30 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-19.0L |
| Friction Aggregate: | None |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality Management Program: | QCQA |
| Sublot Size: | NA |

| | |
|---|---|
| Locations | Hot-Mix Asphalt Surface Course & Binder (Sideroads) |
| Mixture Use(s): | Hot-Mix Asphalt Surface Course, IL-9.5, Mix C, N70 |
| AC/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 70 Gyration Design |
| Mixture Composition: (Gradation Mixture) | IL-9.5mm |
| Friction Aggregate: | C Surface |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality Management Program: | QCQA |
| Sublot Size: | NA |

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| | | |
|-------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/4/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|-----------------------------|------------------------------|
| MIXTURE REQUIREMENTS | |
| SCALE: | SHEET OF SHEETS STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1.(13-1)N-2 | JACKSON | 347 | 5 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

| | |
|---------------------|--------------------|
| ALL HOT MIX ASPHALT | 2.016 TONS/CU. YD. |
| ALL AGGREGATE | 2.05 TONS/CU. YD. |
| EARTH | 110 LBS/CU. FT. |
| LIME | 5% WEIGHT OF EARTH |

TRIM EDGES OF EXISTING HOT MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING HOT-MIX ASPHALT BINDER COURSE.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR THE MILLING, HMA BINDER COURSE, AND HMA SURFACE COURSE.

FORMS FOR CONCRETE CURB AND COMBINATON CONCRETE CURB AND GUTTTER, IF NOT SLIPFORMED AS PER ARTICLE 606.05, SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAG AND FACE OF CURB AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

ALL CULVERT EXTENSIONS SHALL BE CONSTRJCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 542.05 OF THE STANDARD SPECIFICATIONS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID ACCORDING TO ARTICLE 109.04.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION

ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE MEDIAN SURFACE 4"

THE DISTRICT 9 SURVEY UNIT SHALL BE NOTIFIED PRIOR TO PLACEMENT OF PERMANENT SURVEY MARKERS, TYPE II,

ALL 6" BLACKOUT TAPE FOR COVERING CONFLICTING PAVEMENT MARKINGS WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION SPECIAL

FOR AREAS OF FULL DEPTH HMA PAVEMENT WHERE THE WIDTH IS > 4' THEY CONTRACTOR MAY OPT TO CONSTRUCT FULL DEPTH PAVEMENT AND HMA SHOULDER MONONLTHICALLY, HOWEVER ALL PAVEMENT REQUIREMENTS CONTROL

QUANTITIES ARE BROKEN DOWN BY INTERSECTION. QUANTITY BREAK STATION = NB13/127 - 1040+14.95, SB IL13/127 - 4040+07.88

COMMITMENTS

NONE

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| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| GENERAL NOTES AND COMMITMENTS | | | |
|-------------------------------|-------|-----------|--------------|
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 6 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|---------------|---------------------------------------|-------|-----------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE NUMBE | ITEM DESCRIPTION | UNIT | TOTAL | SAFETY | LIGHTING | ROADWAY | LIGHTING |
| | | | QUANTITY | 0003 | 0021 | 0003 | 0021 |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 80 | 13 | | 67 | |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 524 | 126 | | 398 | |
| 20100500 | TREE REMOVAL, ACRES | ACRE | 0.2 | | | 0.2 | |
| 20200100 | EARTH EXCAVATION | CU YD | 25,175 | 18,228 | | 6,947 | |
| 20800150 | TRENCH BACKFILL | CU YD | 718 | 521 | | 197 | |
| 25000115 | SEEDING, CLASS 1B | ACRE | 15.9 | 6.8 | | 9.1 | |
| 25000350 | SEEDING, CLASS 7 | ACRE | 15.9 | 6.8 | | 9.1 | |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 2,564 | 1,095 | | 1,469 | |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 1,923 | 821 | | 1,102 | |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 1,923 | 821 | | 1,102 | |
| 25000700 | AGRICULTURAL GROUND LIMESTONE | TON | 32.1 | 13.7 | | 18.4 | |
| 25100115 | MULCH, METHOD 2 | ACRE | 32.1 | 13.7 | | 18.4 | |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | 14,162 | 6,517 | | 7,645 | |

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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| PLOT SCALE = 120,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 4/26/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 7 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|----------|--|-------|-----------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE | ITEM DESCRIPTION | UNIT | TOTAL | SAFETY | LIGHTING | ROADWAY | LIGHTING |
| NUMBE | | | QUANTITY | 0003 | 0021 | 0003 | 0021 |
| 40602975 | HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 | TON | 1,369 | 805 | | 564 | |
| 40604052 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 | TON | 1,389 | 721 | | 668 | |
| 40604064 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 | TON | 2,000 | 966 | | 1,034 | |
| 40701911 | HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2" | SQ YD | 29,350 | 15,486 | | 13,864 | |
| 42001300 | PROTECTIVE COAT | SQ YD | 1,427 | 1,162 | | 265 | |
| 42300300 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH | SQ YD | 161 | 161 | | | |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 12,298 | 7,878 | | 4,420 | |
| 44000151 | HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" | SQ YD | 1,242 | | | 1,242 | |
| 44000154 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4" | SQ YD | 7,957 | | | 7,957 | |
| 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | SQ YD | 2,266 | 2,266 | | | |
| 44000160 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" | SQ YD | 11,499 | 11,499 | | | |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 1,047 | 908 | | 139 | |
| 44001980 | CONCRETE BARRIER REMOVAL | FOOT | 423 | 423 | | | |

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| | | |
|-------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 120,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/26/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|----------|--|-------|-----------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE | ITEM DESCRIPTION | UNIT | TOTAL | SAFETY | LIGHTING | ROADWAY | LIGHTING |
| NUMBE | | | QUANTITY | 0003 | 0021 | 0003 | 0021 |
| 44003100 | MEDIAN REMOVAL | SQ FT | 1,245 | 1,245 | | | |
| 44004250 | PAVED SHOULDER REMOVAL | SQ YD | 6,403 | 3,729 | | 2,674 | |
| 44200050 | WELDED WIRE REINFORCEMENT | SQ YD | 225 | | | 225 | |
| 44201031 | CLASS B PATCHES, TYPE II, 15 INCH | SQ YD | 416 | | | 416 | |
| 44201035 | CLASS B PATCHES, TYPE III, 15 INCH | SQ YD | 105 | | | 105 | |
| 44201037 | CLASS B PATCHES, TYPE IV, 15 INCH | SQ YD | 120 | | | 120 | |
| 44201299 | DOWEL BARS 1 1/2" | EACH | 1,320 | | | 1,320 | |
| 44213200 | SAW CUTS | FOOT | 3,442 | | | 3,442 | |
| 44213204 | TIE BARS 3/4" | EACH | 80 | | | 80 | |
| 44300200 | STRIP REFLECTIVE CRACK CONTROL TREATMENT | FOOT | 5,701 | 3,133 | | 2,568 | |
| 48102100 | AGGREGATE WEDGE SHOULDER, TYPE B | TON | 11 | | | 11 | |
| 48203029 | HOT-MIX ASPHALT SHOULDERS, 8" | SQ YD | 16,510 | 8,739 | | 7,771 | |
| 48203100 | HOT-MIX ASPHALT SHOULDERS | TON | 283 | 85 | | 198 | |

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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 120,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/26/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 10 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|------------|--|------|----------------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE NUMBE | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | SAFETY 0003 | LIGHTING 0021 | ROADWAY 0003 | LIGHTING 0021 |
| 50104400 | CONCRETE HEADWALL REMOVAL | EACH | 2 | 2 | | | |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 794 | 377 | | 417 | |
| 542A0217 | PIPE CULVERTS, CLASS A, TYPE 1 12" | FOOT | 121 | | | 121 | |
| 542A0223 | PIPE CULVERTS, CLASS A, TYPE 1 18" | FOOT | 131 | 41 | | 90 | |
| 542A0229 | PIPE CULVERTS, CLASS A, TYPE 1 24" | FOOT | 134 | 134 | | | |
| 542A0247 | PIPE CULVERTS, CLASS A, TYPE 1 42" | FOOT | 112 | | | 112 | |
| 542A5503 | PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48" | FOOT | 101 | 101 | | | |
| 542D0217 | PIPE CULVERTS, CLASS D, TYPE 1 12" | FOOT | 26 | 26 | | | |
| 542D0220 | PIPE CULVERTS, CLASS D, TYPE 1 15" | FOOT | 249 | 50 | | 199 | |
| 542D0223 | PIPE CULVERTS, CLASS D, TYPE 1 18" | FOOT | 38 | 38 | | | |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | 4 | | | 4 | |
| 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 5 | 5 | | | |
| 54213663 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" | EACH | 6 | 2 | | 4 | |

MODEL: Default
 FILE NAME: \\publan00m.dct\illinois\pwr\DOT\Doc_mech\IBOT_Offices\District_9\Project\78660\CADD\Drawings\0778660-Sub-Cur_Seg_Index.dgn

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|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 120,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/26/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1.(13-1)N-2 | JACKSON | 347 | 11 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|----------|---|-------|-----------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| | | | | SAFETY | LIGHTING | ROADWAY | LIGHTING |
| CODE | ITEM DESCRIPTION | UNIT | TOTAL | 0003 | 0021 | 0003 | 0021 |
| NUMBE | | | QUANTITY | | | | |
| 54213669 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" | EACH | 6 | 6 | | | |
| 54213687 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42" | EACH | 1 | | | 1 | |
| 54215442 | CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 42" | EACH | 1 | | | 1 | |
| 54215448 | CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48" | EACH | 2 | 2 | | | |
| 54218451 | REINFORCED CONCRETE PIPE TEE, 42" PIPE WITH 36" RISER | EACH | 1 | | | 1 | |
| 54218462 | REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 36" RISER | EACH | 1 | 1 | | | |
| 54248510 | CONCRETE COLLAR | CU YD | 5.7 | 3.9 | | 1.8 | |
| 54262712 | METAL FLARED END SECTIONS 12" | EACH | 2 | 2 | | | |
| 54262715 | METAL FLARED END SECTIONS 15" | EACH | 12 | 2 | | 10 | |
| 54262718 | METAL FLARED END SECTIONS 18" | EACH | 2 | 2 | | | |
| 550A0070 | STORM SEWERS, CLASS A, TYPE 1 15" | FOOT | 654 | 654 | | | |
| 550A0120 | STORM SEWERS, CLASS A, TYPE 1 24" | FOOT | 42 | 42 | | | |
| 55100700 | STORM SEWER REMOVAL 15" | FOOT | 33 | 33 | | | |

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|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 120,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/26/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| SUMMARY OF QUANTITIES | | | |
|-----------------------|-------|----|---------|
| SCALE: | SHEET | OF | SHEETS |
| | STA. | | TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1.(13-1)N-2 | JACKSON | 347 | 12 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|----------|---|-------|-----------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE | ITEM DESCRIPTION | UNIT | TOTAL | SAFETY | LIGHTING | ROADWAY | LIGHTING |
| NUMBE | | | QUANTITY | 0003 | 0021 | 0003 | 0021 |
| 55101200 | STORM SEWER REMOVAL 24" | FOOT | 1 | 1 | | | |
| 60100060 | CONCRETE HEADWALLS FOR PIPE DRAINS | EACH | 14 | 5 | | 9 | |
| 60108100 | PIPE UNDERDRAINS 4" (SPECIAL) | FOOT | 332 | 141 | | 191 | |
| 60108204 | PIPE UNDERDRAINS, TYPE 2, 4" | FOOT | 11,232 | 5,033 | | 6,199 | |
| 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 | 1 | | | 1 | |
| 60222100 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 12 FRAME AND GRATE | EACH | 1 | 1 | | | |
| 60224446 | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 | 1 | | | |
| 60236200 | INLETS, TYPE A, TYPE 8 GRATE | EACH | 1 | 1 | | | |
| 60236900 | INLETS, TYPE A, TYPE 12 FRAME AND GRATE | EACH | 3 | 3 | | | |
| 60246805 | MEDIAN INLET (604106) | EACH | 2 | 1 | | 1 | |
| 60500060 | REMOVING INLETS | EACH | 3 | 3 | | | |
| 60600095 | CLASS SI CONCRETE (OUTLET) | CU YD | 9.0 | 6.4 | | 2.6 | |

MODEL: Default
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|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| PLOT SCALE = 120,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 4/26/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 13 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|------------|--|-------|----------------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE NUMBE | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | SAFETY 0003 | LIGHTING 0021 | ROADWAY 0003 | LIGHTING 0021 |
| 60602800 | CONCRETE GUTTER, TYPE B | FOOT | 236 | | | 236 | |
| 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | FOOT | 451 | 451 | | | |
| 60608600 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 | FOOT | 1,656 | 1,461 | | 195 | |
| 60610400 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 | FOOT | 2,656 | 2,158 | | 498 | |
| 60618300 | CONCRETE MEDIAN SURFACE, 4 INCH | SQ FT | 10,809 | 9,562 | | 1,247 | |
| * 63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 378 | 378 | | | |
| * 63100045 | TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 1 | 1 | | | |
| * 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 1 | 1 | | | |
| 64200116 | SHOULDER RUMBLE STRIPS, 16 INCH | FOOT | 9,358 | 5,378 | | 3,980 | |
| 66500105 | WOVEN WIRE FENCE, 4' | FOOT | 7,803 | 3,560 | | 4,243 | |
| 66501300 | WOVEN WIRE GATES, 4' X 10' DOUBLE | EACH | 1 | 1 | | | |
| 66501800 | WOVEN WIRE GATES, 4' X 20' DOUBLE | EACH | 1 | 1 | | | |
| 66600105 | FURNISHING AND ERECTING RIGHT OF WAY MARKERS | EACH | 62 | 33 | | 29 | |

* SPECIALTY ITEM

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|-----------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| PLOT SCALE = 1/20,000" = 1' / in. | DRAWN - | REVISED - |
| PLOT DATE = 4/26/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 14 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|------------|--|--------|----------------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE NUMBE | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | SAFETY 0003 | LIGHTING 0021 | ROADWAY 0003 | LIGHTING 0021 |
| 66700305 | PERMANENT SURVEY MARKERS, TYPE II | EACH | 4 | 2 | | 2 | |
| * 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 1,460 | 1,450 | | 10 | |
| * 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 3 | 2 | | 1 | |
| * 66901001 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN | L SUM | 1 | 0.5 | | 0.5 | |
| * 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | L SUM | 1 | 0.5 | | 0.5 | |
| * 66901006 | REGULATED SUBSTANCES MONITORING | CAL DA | 15 | 14 | | 1 | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 16 | 8 | | 8 | |
| 67100100 | MOBILIZATION | L SUM | 1 | 0.5 | | 0.5 | |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 127 | 75 | | 52 | |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 2,934 | 1,467 | | 1,467 | |
| 70200100 | NIGHTTIME WORK ZONE LIGHTING | L SUM | 1 | 0.5 | | 0.5 | |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 17,284 | 8,642 | | 8,642 | |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 5,755 | 2,878 | | 2,877 | |

* SPECIALTY ITEM

REV. - MS

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| | | | | |
|--|--|---|------------------------------|--|
| USER NAME = greenleesm DESIGNED - DRAWN - PLOT SCALE = 1/20,000' / in. CHECKED - DATE - | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | F.A.P. RTE. 42 SECTION 13N-1.(13-1)N-2 COUNTY JACKSON TOTAL SHEETS 347 SHEET NO. 15 CONTRACT NO. 78660 ILLINOIS FED. AID PROJECT |
| | | SCALE: | SHEET OF SHEETS STA. TO STA. | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|------------|--|-------|-----------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE | ITEM DESCRIPTION | UNIT | TOTAL | SAFETY | LIGHTING | ROADWAY | LIGHTING |
| NUMBE | | | QUANTITY | 0003 | 0021 | 0003 | 0021 |
| 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SQ FT | 955 | 436 | | 519 | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 47,954 | 24,856 | | 23,098 | |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 2,209 | 1,228 | | 981 | |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 79 | 43 | | 36 | |
| * 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 197 | 99 | | 98 | |
| * 72501000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 1 | 1 | | | |
| * 73000100 | WOOD SIGN SUPPORT | FOOT | 182 | 91 | | 91 | |
| * 78008200 | POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS | SQ FT | 955 | 436 | | 519 | |
| * 78008210 | POLYUREA PAVEMENT MARKING TYPE I - LINE 4" | FOOT | 47,954 | 24,856 | | 23,098 | |
| * 78008250 | POLYUREA PAVEMENT MARKING TYPE I - LINE 12" | FOOT | 2,209 | 1,228 | | 981 | |
| * 78008270 | POLYUREA PAVEMENT MARKING TYPE I - LINE 24" | FOOT | 79 | 43 | | 36 | |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 329 | 182 | | 147 | |
| * 78200005 | GUARDRAIL REFLECTORS, TYPE A | EACH | 4 | 4 | | | |

* SPECIALTY ITEM

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|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| PLOT SCALE = 1/20,000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 4/26/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 16 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|---------------|---|------|-------------------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE NUMBE | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | SAFETY 0003 | LIGHTING 0021 | ROADWAY 0003 | LIGHTING 0021 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 180 | 137 | | 43 | |
| * 80400100 | ELECTRIC SERVICE INSTALLATION | EACH | 2 | | 1 | | 1 |
| * 81028750 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA. | FOOT | 825 | | 375 | | 450 |
| * 81603010 | UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE | FOOT | 6,880 | | 3,799 | | 3,081 |
| * 82110008 | LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H | EACH | 26 | | 14 | | 12 |
| * 82500330 | LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP | EACH | 2 | | 1 | | 1 |
| * 83004600 | LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM | EACH | 24 | | 12 | | 12 |
| * 83600358 | LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 8' | EACH | 24 | | 12 | | 12 |
| * 83800650 | BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN | EACH | 96 | | 48 | | 48 |
| 84200500 | REMOVAL OF LIGHTING UNIT, SALVAGE | EACH | 6 | | 6 | | |
| 84500110 | REMOVAL OF LIGHTING CONTROLLER | EACH | 1 | | 1 | | |
| 84500120 | REMOVAL OF ELECTRIC SERVICE INSTALLATION | EACH | 1 | | 1 | | |
| 84500130 | REMOVAL OF LIGHTING CONTROLLER FOUNDATION | EACH | 1 | | 1 | | |

* SPECIALTY ITEM

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|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 1/20,000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/26/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|-----------------|--------------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 17 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES - CONT

| | | | COUNTY: | JACKSON CO | JACKSON CO | JACKSON CO | JACKSON CO |
|------------|---|-------|----------------|--------------------|--------------------|--------------------|--------------------|
| | | | ROUTE: | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) | FAP 42 (IL 13/127) |
| | | | FUNDING: | 90% FED 10% STATE | 90% FED 10% STATE | 80% FED 20% STATE | 80% FED 20% STATE |
| | | | LOCATION: | URBAN | URBAN | RURAL | RURAL |
| CODE NUMBE | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | SAFETY 0003 | LIGHTING 0021 | ROADWAY 0003 | LIGHTING 0021 |
| 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 2,145 | | 2,145 | | |
| X0322936 | REMOVE EXISTING FLARED END SECTION | EACH | 14 | 12 | | 2 | |
| X0327750 | FOUNDATION REMOVAL | CU YD | 133.5 | 13.4 | | 120.1 | |
| 78300201 | PAVEMENT MARKING REMOVAL - GRINDING | SQ FT | 737 | 737 | | | |
| X2503100 | MOWING | UNIT | 72 | 36 | | 36 | |
| X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 143 | | | 143 | |
| X6015000 | REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS | EACH | 12 | 12 | | | |
| X6024240 | INLETS, SPECIAL | EACH | 5 | 5 | | | |
| X6660410 | REMOVE RIGHT-OF-WAY MARKERS | EACH | 33 | 20 | | 13 | |
| X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 | 0.5 | | 0.5 | |
| X7240300 | SIGN REMOVAL | EACH | 1 | 1 | | | |
| Z0007601 | BUILDING REMOVAL NO. 1 | L SUM | 1 | | | 1 | |
| Z0007602 | BUILDING REMOVAL NO. 2 | L SUM | 1 | | | 1 | |

REV. - MS

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| | | | | |
|---|--|---|------------------------------|--|
| USER NAME = greenleesm DESIGNED - DRAWN - PLOT SCALE = 120,0000' / in. CHECKED - DATE - PLOT DATE = 4/26/2021 | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | F.A.P. RTE. 42 SECTION 13N-1,(13-1)N-2 COUNTY JACKSON TOTAL SHEETS 347 SHEET NO. 18 CONTRACT NO. 78660 ILLINOIS FED. AID PROJECT |
| | | SCALE: | SHEET OF SHEETS STA. TO STA. | |

TREE REMOVAL SCHEDULE

| LOCATION STATION TO STATION | TREE REMOVAL 6-15 | TREE REMOVAL OVER 15 | TREE REMOVAL ACRE | REMARKS |
|---|-------------------------|----------------------------|-------------------------|----------------|
| | UNIT | UNIT | ACRE | |
| IL 13 / 127 EXISTING | | | | |
| 488+83.43 @ 83' RT | 13 | | | |
| 492+50 @ 80' RT | | 30 | | |
| 492+45 @ 80' RT | | 30 | | |
| 493+70 @ 106' LT | | 16 | | |
| 495+30 @ 93' LT | | 50 | | |
| | | | | QUANTITY BREAK |
| 186+47 @ 75' LT | 8 | | | |
| 186+70 @ 41' LT | 8 | | | |
| 187+19 @ 43' LT | | 20 | | |
| 187+54 @ 72' LT | 10 | | | |
| 187+61 @ 44' LT | | 21 | | |
| 187+72 @ 42' LT | 7 | | | |
| 187+80 @ 83' LT | 7 | | | |
| 187+86 @ 105' LT | 9 | | | |
| 187+93 @ 41' LT | | 25 | | |
| 187+97 @ 43' LT | | 19 | | |
| 188+21 @ 96' LT | 11 | | | |
| 188+42 @ 50' LT | 7 | | | |
| 188+61 @ 52' LT | | 21 | | |
| 188+76 @ 59' LT | | 21 | | |
| 188+86 @ 66' LT | | 21 | | |
| 190+30 RT TO 195+30 RT | | | 0.12 | |
| 196+50 LT TO 196+96 LT | | | 0.04 | |
| 197+32 @ 81' LT | | 60 | | |
| 197+37 @ 93' LT | | 48 | | |
| 197+58 @ 69' LT | | 36 | | |
| 197+80 @ 67' LT | | 60 | | |
| 199+12 @ 70' LT | | 18 | | |
| 199+58 @ 69' LT | | 28 | | |
| RD. / KIMMEL BRIDGE RCUT TOTAL = | 13 | 126 | 0.00 | |
| GRANGE HALL RD. RCUT = | 67 | 398 | 0.16 | |
| TOTAL = | 80 | 524 | 0.16 | |

DRAINAGE REMOVAL SCHEDULE

| LOCATION STATION TO STATION | REMOVING INLETS | STORM SEWER REMOVAL 15" | STORM SEWER REMOVAL 24" | PIPE CULVERT REMOVAL | REMOVE EXISTING FLARED END SECTION | CONCRETE HEADWALL REMOVAL | REMARKS |
|--|--------------------|----------------------------------|----------------------------------|----------------------------|---|---------------------------------|------------------------|
| | EACH | FOOT | FOOT | FOOT | EACH | EACH | |
| IL 13 / 127 NB | | | | | | | |
| 1007+14.5 @ 27.5' LT | 1 | 6.6 | | | | | |
| 1007+15 @ 23.5' RT | | | | | 1 | | |
| 1010+13 @ 18.2' RT | | | | | 1 | | |
| 1010+14.4 @ 31.9' LT | 1 | 10.3 | | | | | |
| 1015+15.7 @ 33.3' RT | | 16.5 | | | 1 | | |
| 1015+28 @ 36.5' LT | 1 | | | | | | |
| 1036+00 @ 33.5' RT | | | | 6 | | 1 | EXISTING ARCH RCP PIPE |
| 1036+84 @ 41.2' LT | | | | 13 | | 1 | EXISTING ARCH RCP PIPE |
| 1037+85 @ 30.4' RT | | | | 29 | | | 18" CMP |
| | | | | | | | QUANTITY BREAK NB |
| 1056+37 @ 33.8' RT | | | | 34 | | | 15" CMP |
| 1056+96 @ 36.5' LT | | | | 38 | | | 15" CMP |
| 1057+28 @ 32.4' RT | | | | 34 | | | 15" CMP |
| 1063+34.4 @ 29' RT | | | | | 1 | | 42" RCCP |
| 1063+34.5 @ 32.1' LT | | | | 18 | 1 | | 42" RCCP |
| 1065+04 @ 37' LT | | | | 55 | | | 15" CMP |
| 1067+27 @ 33.7' LT | | | | 34 | | | 15" CMP |
| 1068+03 @ 32.7' LT | | | | 37 | | | 15" CMP |
| 1069+41 @ 33.8' LT | | | | 28 | | | 15" CMP |
| | | | | | | | |
| IL 13 / 127 SB | | | | | | | |
| 4015+52 @ 44.9' LT | | | 1 | | 1 | | |
| 4025+42 @ 20.8' LT | | | | 40 | 2 | | 24" RCCP |
| 4026+45 @ 13.5' LT | | | | 48 | 2 | | 24" RCCP |
| 4034+62 @ 26.2' RT | | | | 40 | 2 | | 24" RCCP |
| 4036+40 @ 26.1' RT | | | | 46 | 2 | | 24" RCCP |
| 4037+32 @ 31.4' RT | | | | 40 | | | 18" CMP |
| | | | | | | | |
| AVA FRONTAGE RD. | | | | | | | |
| 101+49 @ 34' RT | | | | 40 | | | 15" CMP |
| 104+66.2 | | | | 75 | | | 12" CMP |
| | | | | | | | |
| GRANGE HALL RD. | | | | | | | |
| 45+76 @ 29.5' LT | | | | 30 | | | 15" CMP |
| 48+51 @ 110.1' LT | | | | 32 | | | 15" CMP |
| 49+14 @ 68.1' LT | | | | 28 | | | 15" CMP |
| 53+50 @ 42.1' LT | | | | 30 | | | 15" CMP |
| 55+11.3 @ 18' LT | | | | 19 | | | 12" CMP |
| | | | | | | | |
| AVA RD / KIMMEL BRIDGE RCUT TOTAL = | 3 | 33 | 1 | 377 | 12 | 2 | |
| GRANGE HALL RD. RCUT TOTAL = | 0 | 0 | 0 | 417 | 2 | 0 | |
| TOTAL = | 3 | 33 | 1 | 794 | 14 | 2 | |

MODEL: Default
 FILE NAME: p:\pub\mroom.dwg
 PROJECT: 78660-CAD\DATA\CAD\PROJECTS\DOT_Offices\Drawings\978660-SB-TJ_Sch_Ties_CoronaElements.dwg

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/4/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES - REMOVAL

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|-----------------|---------|---------------------------|--------------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 20 |
| CONTRACT NO. 78660 | | | ILLINOIS FED. AID PROJECT | |

PAVEMENT REMOVAL SCHEDULE (1 OF 2)

| LOCATION STATION TO STATION | REMOVAL WIDTH (FOR INFORMATION ONLY) | PAVEMENT REMOVAL | MEDIAN REMOVAL | CONCRETE BARRIER REMOVAL | DRIVEWAY PAVEMENT REMOVAL | REMARKS |
|---|---|---------------------|-------------------|--------------------------------|---------------------------------|----------------------------------|
| | FOOT | SQ YD | SQ FT | FOOT | SQ YD | |
| IL13/127 SB | | | | | | |
| 4005+29.79 RT TO 4005+37.24 RT | 4.0 | | 27 | | | |
| 4005+29.79 @ 12.00 RT TO 4009+16.97 @ 12.00 RT ALL PAVEMENT IN BETWEEN | VAR. | 829 | | | | |
| 1005+29.42 @ 16.00 LT TO 1009+17.62 @ 16.00 LT | | | | | | |
| 4005+57.94 RT TO 4009+81.19 RT | 2.0 | | | 423 | | |
| 4010+01.23 RT TO 4011+95. RT | 4.0 | | 801 | | | |
| 4014+26.76 RT TO 4015+32.66 RT | 4.0 | | 417 | | | |
| 4015+20. RT TO 4015+30. RT | VAR | 7 | | | | INLET REPLACEMENT |
| IL13/127 NB | | | | | | |
| 1014+73.6 LT TO 1015+23.38 LT | 4.0 | 22 | | | | RCUT SPLITTER ISLAND |
| 1015+23.38 LT TO 1015+87.46 LT | 24.0 | 171 | | | | RCUT SPLITTER ISLAND / LEFT TURN |
| 1015+87.46 LT TO 1016+57.39 LT | VAR | 113 | | | | RCUT SPLITTER ISLAND |
| 1016+57.39 LT TO 1017+24.22 LT | 4.0 | 30 | | | | RCUT SPLITTER ISLAND |
| 1016+58.03 LT TO 1016+76.65 LT | VAR | 8 | | | | MEDIAN BETWEEN NB & SB LANES |
| 1016+76.65 LT TO 1019+63.05 LT | 4.0 | 127 | | | | MEDIAN BETWEEN NB & SB LANES |
| 1018+22.5 TO 1018+27.5 | 19.6 | 11 | | | | 15" RCCP OUTLET PIPE |
| 1019+63.05 @ 18.00 LT TO 1020+06.31 @ 18.00 LT ALL PAVEMENT IN BETWEEN | VAR | 27 | | | | |
| 4019+57.21 @ 34.00 RT TO 4020+00.26 @ 30.84 RT | | | | | | |
| 1020+06.31 @ 18.00 LT TO 1021+48.81 @ 24.00 LT ALL PAVEMENT IN BETWEEN | VAR | 148 | | | | |
| 4020+00.26 @ 30.84 RT TO 4021+42.07 @ 20.44 RT | | | | | | |
| 1021+48.81 @ 24.00 LT TO 1021+82.3 @ 24.00 LT ALL PAVEMENT IN BETWEEN | VAR | 47 | | | | |
| 4021+42.07 @ 20.44 RT TO 4021+75.39 @ 18.00 RT | | | | | | |
| 1021+82.3 @ 24.00 LT TO 1022+63.81 @ 24.00 LT ALL PAVEMENT IN BETWEEN | 14.0 | 127 | | | | |
| 4021+75.39 @ 18.00 RT TO 4022+56.51 @ 18.00 RT | | | | | | |
| 1022+63.81 @ 24.00 LT TO 1023+05.73 @ 33.08 LT ALL PAVEMENT IN BETWEEN | VAR | 50 | | | | |
| 4022+56.51 @ 18.00 RT TO 4022+98.22 @ 18.00 RT | | | | | | |
| 1022+54. TO 1022+60. | 24.0 | 16 | | | | 15" RCCP OUTLET PIPE |
| 1022+61.81 TO 1023+44.07 | VAR | 134 | | | | |
| 1023+44.07 TO 1024+35.36 | VAR | 397 | | | | |
| 1024+35.36 TO 1027+86.08 | VAR | 1392 | | | | |
| 1027+86.08 TO 1040+14.95 | 24.2 | 3304 | | | | |
| 1034+72 LT | | | | | 39 | |
| 1037+38 LT | | | | | 34 | |
| 1036+54 LT | | | | | 13 | |
| QUANTITY BREAK NB | | | | | | |
| 1051+05 LT | | | | | 14 | |
| 1053+10 LT | | | | | 20 | |
| 1056+35 RT | | | | | 9 | |
| 1056+90 LT | | | | | 12 | |
| 1057+25 RT | | | | | 9 | |
| 1059+94.96 TO 1066+50.77 | 12.2 | 889 | | | | |
| 1067+27 LT | | | | | 10 | |
| 1064+97 LT | | | | | 11 | |
| 1066+50.77 TO 1067+50.77 | 24.3 | 270 | | | | |
| 1068+01 LT | | | | | 22 | |
| 1069+42 LT | | | | | 19 | |
| 1069+97 LT | | | | | 12 | |
| AVA RD / KIMMEL BRIDGE RCUT TOTAL = | | 6960 | 1245 | 423 | 87 | |
| GRANGE HALL RD RCUT TOTAL = | | 1159 | 0 | 0 | 139 | |
| TOTAL = | | 8119 | 1245 | 423 | 225 | |

PAVEMENT REMOVAL SCHEDULE (2 OF 2)

| LOCATION STATION TO STATION | REMOVAL WIDTH (FOR INFORMATION ONLY) | PAVEMENT REMOVAL | DRIVEWAY PAVEMENT REMOVAL | REMARKS |
|--|---|---------------------|---------------------------------|---------------------------------------|
| | FOOT | SQ YD | SQ FT | |
| AVA RD. | | | | |
| 100+35.54 TO 101+37.37 | VAR | 340 | | FROM 6' RIGHT OF CL TO LT EOP |
| 100+38.74 RT TO 102+04.07 RT | VAR | 162 | | FROM 18' RT OF CL TO RT EOP |
| KIMMEL BRIDGE RD. | | | | |
| 100+38.22 LT TO 101+27.47 LT | VAR | 40 | | LT OF CL |
| 100+38.22 RT TO 101+27.47 RT | VAR | 113 | | RT OF CL |
| AVA FRONTAGE RD. | | | | |
| 101+14.03 TO 102+10.69 | VAR | 263 | | |
| 101+48 RT | | | 127 | |
| 106+97.29 (36.8 LT TO EOP OF IL 13 / 127) | 24' & VAR | | 322 | CHURCH ENTRANCE |
| 107+97.66 (-47.00' LT TO EOP OF IL 13/127) | 24' & VAR | | 372 | |
| GRANGE HALL RD. | | | | |
| 43+25. TO EOP OF IL 13 / 127 | 24' & VAR | 1537 | | |
| 49+22.58 RT TO 49+43 RT | VAR | 25 | | REMOVAL FOR ISLAND - SEE STAGING PLAN |
| 49+75 TO 50+25 | VAR | 531 | | REMOVAL FOR TEMP PAVEMENT IN MEDIAN |
| 50+57 LT TO 50+78.13 LT | VAR | 26 | | REMOVAL FOR ISLAND - SEE STAGING PLAN |
| EOP OF IL 13 / 127 TO 55+49.24 | 24' & VAR | 1142 | | |
| AVA RD / KIMMEL BRIDGE RCUT TOTAL = | | 918 | 821 | |
| GRANGE HALL RD RCUT TOTAL = | | 3261 | 0 | |
| TOTAL = | | 4179 | 821 | |

MODEL: Default
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 OFFICE: DISTRICT 9 PROJECT: 78660-CAD\DATA\CAD\PROJECTS\0778660-SB-NB-Turn_Sch_Tier_CeasakElements.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES - REMOVAL

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|-----------------|------------------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 21 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS | | FED. AID PROJECT | | |

CURB AND GUTTER SCHEDULE (2 OF 2)

| LOCATION STATION TO STATION | LENGTH | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 | CONCRETE MEDIAN SURFACE, 4 INCH | CONCRETE GUTTER, TYPE B | COMBINATION CONCRETE CURB AND GUTTER, TYPE B 5.24 | CLASS SI CONCRETE (OUTLET) | SUB-BASE GRANULAR MATERIAL, TYPE A | PROCESSING LIME STABILIZED SOIL MIXTURE 12" | LIME | PROTECTIVE COAT | REMARKS |
|--|--------|---|---|--|-------------------------------|---|----------------------------------|---|---|------|--------------------|--|
| | | FOOT | FOOT | SQ FT | FOOT | FOOT | CUYD | TON | SQ YD | TON | SQ YD | |
| AVA RD. | | | | | | | | | | | | |
| 100+38.96 @ 26.8 LT TO 101+10. @ 6.0 LT | 71.04 | 75 | | 719 | | | | | 22 | 0.5 | 13 | |
| 100+38.96 @ 26.8 LT TO 100+42.66 @ 5.7 LT | 3.70 | | 22 | | | | | | 10 | 0.2 | 8 | |
| 100+42.66 @ 5.7 LT TO 101+10. @ 6.0 RT | 67.34 | | 68 | | | | | | 31 | 0.7 | 23 | |
| 101+10. @ 6.0 RT TO 101+10. @ 6.0 LT | 0.00 | | 19 | | | | | | 9 | 0.2 | 9 | |
| KIMMEL BRIDGE RD. | | | | | | | | | | | | |
| 100+50.27 @ 17.1 LT TO 101+19.19 @ 6.0 LT | 68.92 | 70 | | 582 | | | | | 20 | 0.4 | 12 | |
| 100+50.27 @ 17.1 LT TO 100+56.29 @ 2.0 LT | 6.02 | | 16 | | | | | | 7 | 0.2 | 6 | |
| 100+56.29 @ 2.0 LT TO 101+19.19 @ 6.0 RT | 62.90 | | 64 | | | | | | 29 | 0.6 | 22 | |
| 101+19.19 @ 6.0 LT TO 101+19.19 @ 6.0 RT | 0.00 | | 19 | | | | | | 9 | 0.2 | 9 | |
| AVA FRONTAGE ROAD | | | | | | | | | | | | |
| 104+20.53 @ 20.64 LT TO 104+33.08 @ 14.84 LT | 12.55 | | | | | | 0.9 | | | | 6 | SECTION F-F ON STANDARD 606006-04 |
| 104+33.08 @ 14.84 LT TO 104+60. @ 11.00 LT | 26.92 | | | | | | 2.4 | | 18 | 0.4 | 11 | SECTION A-A THRU E-E ON STANDARD 606006-04 |
| 104+60. @ 11.00 LT TO 108+35.69 @ 11.00 LT | 375.69 | | | | | 376 | | | 170 | 3.6 | 129 | |
| 108+35.69 @ 11.00 LT TO 108+62.96 @ 14.86 LT | 27.27 | | | | | | 2.4 | | 18 | 0.4 | 11 | SECTION A-A THRU E-E ON STANDARD 606006-04 |
| 108+62.96 @ 14.86 LT TO 108+72.4 @ 18.96 LT | 9.44 | | | | | | 0.7 | | | | 6 | SECTION F-F ON STANDARD 606006-04 |
| GAR RD. | | | | | | | | | | | | |
| 0+14.08 @ 23.10 LT TO 0+38.93 @ 11.00 LT | | | | | | | | | | | | |
| 0+15.17 @ 24.17 RT TO 0+38.93 @ 11.00 RT | | | | | | | | | | | | |
| CHURCH ENTRANCE | | | | | | | | | | | | |
| 0+14.50 @ 13.40 LT TO 0+22.87 @ 12.00 LT | | | | | | | | | | | | |
| 0+14.69 @ 13.52 RT TO 0+23.18 @ 12.00 RT | | | | | | | | | | | | |
| GRANGE HALL WEST | | | | | | | | | | | | |
| 49+22.58 @ 0.00 TO 49+43. @ 0.00 | 20.42 | | 20 | 103 | | | | | 9 | 0.2 | 7 | |
| 49+43. @ 0.00 TO 49+43. @ 15.49 RT | 0.00 | | 15 | | | | | | 7 | 0.1 | 5 | |
| 49+22.58 @ 4.00 RT TO 49+43. @ 15.49 RT | 20.42 | 20 | | | | | | | 6 | 0.1 | 4 | |
| GRANGE HALL EAST | | | | | | | | | | | | |
| 50+57. @ 0.0 TO 50+78.13 @ 0.0 | 21.13 | | 21 | 112 | | | | | 10 | 0.2 | 7 | |
| 50+57. @ 0.0 TO 50+57. @ 16.0 LT | 0.00 | | 16 | | | | | | 7 | 0.2 | 5 | |
| 50+31. @ 16.0 LT TO 50+78.13 @ 4.0 LT | 47.13 | 21 | | | | | | | 6 | 0.1 | 4 | |
| AVA RD. / KIMMEL BRIDGE RCUT SHEET TOTAL = | | | | | | | | | | | | |
| | | 145 | 208 | 1301 | 0 | 451 | 6.4 | 0 | 342 | 7 | 263 | |
| GRANGE HALL RCUT SHEET TOTAL = | | | | | | | | | | | | |
| | | 41 | 73 | 215 | 0 | 0 | 0 | 0 | 45 | 1 | 32 | |
| SHEET TOTAL = | | | | | | | | | | | | |
| | | 186 | 281 | 1516 | 0 | 451 | 6 | 0 | 387 | 8 | 295 | |
| AVA RD. / KIMMEL BRIDGE RCUT COMBINED TOTAL = | | | | | | | | | | | | |
| | | 1461 | 2158 | 9562 | 0 | 451 | 6.4 | 494 | 342 | 7 | 1162 | |
| GRANGE HALL RCUT COMBINED TOTAL = | | | | | | | | | | | | |
| | | 195 | 498 | 1247 | 236 | 0 | 2.6 | 36 | 272 | 6 | 265 | |
| JOB TOTAL = | | | | | | | | | | | | |
| | | 1656 | 2656 | 10809 | 236 | 451 | 9 | 530 | 614 | 13 | 1427 | |

MODEL: Default
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 PROJECT: 78660-CAD\DATA\CAD\PROJECTS\78660-Sub-B-Typ_Sch_Ties_Curb&Gutter.dwg

| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-----------|-------|----|--------|
| SCHEDULES | | | |
| SCALE: | SHEET | OF | SHEETS |
| | STA. | TO | STA. |

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 27 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PAVEMENT SCHEDULE (GRANGE HALL RD. & AVA FRONTAGE RD.)

| LOCATION STATION TO STATION | LENGTH | PAVEMENT WIDTH @ BEG. STA. | LEFT EOP OFFSET | RIGHT EOP OFFSET | PAVEMENT WIDTH @ END STA. | PROP PAVEMENT AREA | HOT-MIX ASPHALT SURFACE COURSE, IL- 9.5, MIX "C", N70 | PROCESSIN G LIME STABILIZED SOIL MIXTURE 12" | LIME | AGGREGATE BASE COURSE, TYPE A 8" | BITUMINOUS MATERIALS (PRIME COAT) | BITUMINOUS MATERIALS (TACK COAT) | TEMPORARY RAMP | HOT-MIX ASPHALT SURFACE COURSE, IL- 9.5, MIX "D", N90 | REMARKS | |
|--------------------------------------|--------|----------------------------------|--------------------|---------------------|---------------------------------|--------------------------|--|--|------|---|--|--|-------------------|--|--|-----|
| | | | | | | | | | | | | | | | | TON |
| FOR INFORMATIONAL PURPOSE ONLY | | | | | | | TON | SQ YD | TON | SQ YD | POUND | POUND | SQ YD | TON | | |
| GRANGE HALL RD. | | | | | | | FOOT | FOOT | FOOT | FOOT | FOOT | SQ YD | | | | |
| 43+25 TO 43+75 | 50.00 | 18.0 | 9 TO 11 | 9 TO 11 | 22.0 | 111.11 | 19 | 119.4 | 3 | 119.4 | 250 | 25 | 10.0 | | | |
| 43+75 TO 47+50 | 375.00 | 22.0 | 11 | 11 | 22.0 | 916.67 | 156 | 979.2 | 21 | 979.2 | 2063 | 206 | | | | |
| 47+50 TO 48+00 | 50.00 | 22.0 | 11 TO 12 | 11 TO 12 | 24.0 | 127.78 | 22 | 136.1 | 3 | 136.1 | 288 | 29 | | | | |
| 48+00 RT TO 48+83 RT | 83.00 | 12.0 | 0 | 12 | 12.0 | 110.67 | 19 | 110.7 | 2 | 110.7 | 249 | 25 | | | | |
| 48+00 LT TO 49+51 LT | 151.00 | 12.0 | 12 | 0 | 12.0 | 201.33 | 34 | 201.3 | 4 | 201.3 | 453 | 45 | 6.7 | | | |
| 49+22.58 RT TO 49+43 RT | 20.42 | | | | | 24.66 | 4 | | | | 55 | 6 | | | PAVEMENT FOR ISLAND- TO REMAIN UNTIL STAGE 6 -SEE STAGING PLAN | |
| 49+43 RT TO 49+51 RT | 8.00 | 16.0 | 0 | 16 | 16.0 | 14.22 | 2 | 14.2 | 0.3 | 14.2 | 32 | 3 | | | | |
| 49+75 TO 50+25 | | | | | | 2124 | | | | 2134.6 | 4779 | 478 | | 357 | TEMPORARY PAVEMENT - SEE STAGING PLAN FOR LAYOUT DETAIL | |
| 50+49 LT TO 50+57 LT | 8.00 | 16.0 | 16 | 0 | 16.0 | 14.22 | 2 | 14.2 | 0.3 | 14.2 | 32 | 3 | | | | |
| 50+49 RT TO 52+04.51 RT | 155.51 | 12.0 | 0 | 12 | 12.0 | 207.35 | 35 | 207.3 | 4 | 207.3 | 467 | 47 | 6.7 | | | |
| 50+57 LT TO 50+78.13 LT | 21.13 | | | | | 26.13 | 4 | | | | | | | | PAVEMENT FOR ISLAND- TO REMAIN UNTIL STAGE 6 -SEE STAGING PLAN | |
| 51+17 LT TO 52+04.51 LT | 87.51 | 12.0 | 12 | 0 | 12.0 | 116.68 | 20 | 116.7 | 2 | 116.7 | 263 | 26 | | | | |
| 52+04.51 TO 52+54.51 | 50.00 | 24.0 | 12 TO 11 | 12 TO 11 | 22.0 | 127.78 | 22 | 136.1 | 3 | 136.1 | 288 | 29 | | | | |
| 52+54.51 TO 54+99.24 | 244.73 | 22.0 | 11 | 11 | 22.0 | 598.23 | 102 | 639.0 | 14 | 639.0 | 1346 | 135 | | | | |
| 54+99.24 TO 55+49.24 | 50.00 | 22.0 | 11 TO 9 | 11 TO 9 | 18.0 | 111.11 | 19 | 119.4 | 3 | 119.4 | 250 | 25 | 10.0 | | | |
| GH NW RADIUS | | | | | | | | | | | | | | | | |
| 0+00 TO +43.79 | 43.79 | 16.0 | 16 TO 41.98 | 0 | 42.0 | 141.18 | 23.8 | 148.4 | 3 | 148.4 | 318 | 32 | | | | |
| +43.79 TO 1+56.39 | 112.60 | 42.0 | 41.98 TO 0 | 0 | 0.0 | 132.30 | 44.4 | 281.5 | 6 | 281.5 | 298 | 30 | | | | |
| GH SW RADIUS | | | | | | | | | | | | | | | | |
| 0+00 TO +31.63 | 31.63 | 12.0 | 12 TO 22.2 | 0 | 22.2 | 60.03 | 10.2 | 65.4 | 1 | 65.4 | 135 | 14 | | | | |
| +31.63 TO +46.85 | 15.22 | 18.7 | 18.7 TO 19.6 | 0 | 19.6 | 41.30 | 5.5 | 34.9 | 1 | 34.9 | 93 | 9 | | | | |
| +46.85 TO 1+56.39 | 109.54 | 19.6 | 19.6 - 28.4 - 0 | 0 | 0.0 | 103.63 | 20.3 | 137.5 | 2.9 | 137.5 | 233 | 23 | 10.9 | | | |
| GH NE RADIUS | | | | | | | | | | | | | | | | |
| 0+00 TO +31.16 | 31.16 | 12.0 | 12 TO 21.8 | 0 | 21.8 | 58.51 | 9.9 | 63.7 | 1 | 63.7 | 132 | 13 | | | | |
| +31.16 TO +47.12 | 15.96 | 18.3 | 18.3 TO 19.2 | 0 | 19.2 | 39.97 | 5.6 | 35.9 | 1 | 35.9 | 90 | 9 | | | | |
| +47.12 TO 1+56.39 | 109.27 | 19.2 | 19.2 - 28.4 - 0 | 0 | 0.0 | 104.50 | 19.8 | 134.8 | 3 | 134.8 | 235 | 24 | 10.7 | | | |
| GH SE RADIUS | | | | | | | | | | | | | | | | |
| 0+00 TO +43.79 | 43.79 | 16.0 | 16 TO 41.98 | 0 | 42.0 | 141.18 | 23.8 | 148.4 | 3 | 148.4 | 318 | 32 | | | | |
| +43.79 TO 1+56.39 | 112.60 | 42.0 | 41.98 TO 0 | 0 | 0.0 | 132.30 | 44.4 | 281.4 | 6 | 281.4 | 298 | 30 | | | | |
| AVA FRONTAGE RD | | | | | | | | | | | | | | | | |
| 101+13.57 TO 104+36.14 | 322.57 | 22.0 | 11 | 11 | 22.0 | 788.50 | 134 | 842.3 | 18 | 842.3 | 1774 | 177 | 12.2 | | | |
| 104+36.14 TO 108+60 | 423.86 | 22.0 | 11 | 11 | 22.0 | 1036.10 | 175 | 1071.4 | 23 | 1071.4 | 2331 | 233 | | | | |
| 108+60 TO 115+72.99 | 712.99 | 22.0 | 11 | 11 | 22.0 | 1742.86 | 296 | 1861.7 | 40 | 1861.7 | 3921 | 392 | | | | |
| 115+72.99 TO 115+92.1 | 19.11 | 22.0 | 11 TO 30 | 11 | 41.0 | 66.89 | 11 | 70.1 | 1 | 70.1 | 150 | 15 | 12.2 | | | |
| AVA RD. / KIMMEL BRIDGE RCUT TOTAL = | | | | | | | 616 | 3845 | 82 | 3845 | 8177 | 818 | 25 | 0 | | |
| GRANGE HALL RCUT TOTAL = | | | | | | | 668 | 4126 | 88 | 6260 | 12962 | 1296 | 55 | 357 | | |
| TOTAL = | | | | | | | 1284 | 7971 | 170 | 10106 | 21139 | 2114 | 80 | 357 | | |

MODEL: Default
 FILE: \\MAILS01\pub\hannan\dot\illinois\gov\pww\dot\Documents\DOT_Office\Drawings\978660\CA\Drawings\978660\548\8-Tp_Sch_CoverSheet.dwg
 PROJECT: 78660

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 2/4/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|-----------|-------|----|--------|
| SCHEDULES | | | |
| SCALE: | SHEET | OF | SHEETS |
| | STA. | TO | STA. |

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1.(13-1)N-2 | JACKSON | 347 | 29 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

RESURFACING SCHEDULE

| LOCATION STATION TO STATION | LENGTH | RESURFACING WIDTH @ BEG. STA. | LEFT RESURFACING EDGE OFFSET | RIGHT RESURFACING EDGE OFFSET | RESURFACING WIDTH @ END STA. | HMA RESURFACING AREA | HMA SURFACE REMOVAL, 1 1/4" | HMA SURFACE REMOVAL, 1 1/2" | HMA SURFACE REMOVAL, 2 3/4" | HMA SURFACE REMOVAL VARIABLE DEPTH | HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N90 | HOT-MIX ASPHALT BINDER COURSE, IL 9.5FG, N90 | HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70 | LONGITUDINAL JOINT SEALER | BITUMINOUS MATERIALS (TACK COAT) | TEMP RAMP | REMARKS | |
|--------------------------------------|---------|-------------------------------------|------------------------------------|-------------------------------------|------------------------------------|----------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|---|--|---|------------------------------|--|--------------|--|--------------------------------|
| | | | | | | | | | | | | | | | | | | FOR INFORMATIONAL PURPOSE ONLY |
| | FOOT | FOOT | FOOT | FOOT | FOOT | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | TON | TON | TON | FOOT | POUND | SQ YD | | |
| IL 13/127 NB | | | | | | | | | | | | | | | | | | |
| 1002+00. TO 1008+46.83 | 646.83 | 24.0 | 12 | 12 TO 3.2 | 15.2 | 1487.7 | | | 1,488 | | 125 | 104 | | 647 | 1004 | 24.4 | TAPER IS NOT LINEAR | |
| 1008+46.83 TO 1008+96.84 | 50.01 | 21.2 | 18 | 3.2 TO 2.6 | 20.6 | 116.13 | | | 116 | | 10 | 8 | | 50 | 78 | | | |
| 1008+96.84 TO 1009+17.62 | 20.78 | 14.6 | 12 | 2.6 | 14.6 | 33.71 | | | 34 | | 3 | 2 | | 21 | 23 | | | |
| 1009+17.62 TO 1012+15.78 | 298.16 | 14.6 | 12 TO 34 | 2.6 TO 1.5 | 35.5 | 829.88 | | | 830 | | 70 | 58 | | 596 | 560 | | LEFT TURN TAPER | |
| 1012+15.78 TO 1014+73.61 | 257.83 | 35.5 | 34 | 1.5 TO 1.7 | 35.7 | 1019.86 | | | 1,020 | | 86 | 71 | | 773 | 688 | | | |
| 1014+73.61 TO 1018+23. | 349.39 | 13.5 | 12 | 1.7 TO 2.4 | 14.0 | 533.79 | | | 534 | | 45 | 37 | | 349 | 360 | | RT EXISTING EOP VAR FROM 1.5 TO 2.4' USED (2' FOR CALC.) | |
| 1014+73.61 LT TO 1015+23.44 LT | 49.83 | 12.0 | 34 | -22.0 | 12.0 | 66.44 | | | 66 | | 6 | 5 | | 45 | 45 | | NB LEFT TURN STORAGE LEFT OF SPLITTER ISLAND | |
| 1018+28. TO 1018+63.81 | 35.81 | 13.5 | 12 | 1.7 TO 2.4 | 14.0 | 142.96 | | | 143 | | 12 | 10 | | 36 | 96 | | | |
| 1018+63.81 TO 1021+48.81 | 285.00 | 13.5 | 12 TO 24 | 1.5 | 25.5 | 617.50 | | | 618 | | 52 | 43 | | 570 | 417 | | | |
| 1021+48.81 TO 1022+53.81 | 105.00 | 25.5 | 24 | 1.5 | 25.5 | 297.50 | | | 298 | | 25 | 21 | | 210 | 201 | | | |
| 1022+53.81 TO 1023+44.07 | 84.14 | 12.0 | 24 TO 44 | -12 TO -44 | 0.0 | 172.84 | | | 173 | | 15 | 12 | | | 117 | | NB U-TURN (12' RT OF SB CL) QUANTITY BREAK FOR NB | |
| 1040+14.95 TO 1059+94.92 | 1979.97 | 24.0 | 12 | 12 | 24.0 | 5279.92 | 5,280 | | | | 444 | 370 | | 1980 | 3564 | | | |
| 1059+94.92 TO 1066+50.77 | 655.85 | 12.0 | 0 | 12 | 12.0 | 874.47 | 874 | | | | 73 | 61 | | 656 | 590 | | | |
| 1067+50.77 TO 1070+79.65 | 328.88 | 24.0 | 12 | 12 | 24.0 | 877.01 | 877 | | | | 74 | 61 | | 329 | 592 | | | |
| 1070+79.65 TO 1074+26.71 | 347.06 | 24.0 | 12 | 12 | 24.0 | 925.49 | 925 | | | | 78 | 65 | | 347 | 625 | | | |
| 1074+26.71 TO 1074+66.71 | 40.00 | 24.0 | 12 | 12 | 24.0 | 106.67 | | | 106.67 | | 9 | 7 | | 40 | 72 | 24.4 | | |
| IL 13/127 SB | | | | | | | | | | | | | | | | | | |
| 4005+29.8 TO 4017+19.54 | 1189.74 | 24.0 | 12 | 12 | 24.0 | 3172.64 | | | 3,173 | | 267 | 222 | | 1190 | 2142 | 24.4 | | |
| 4015+83.46 RT TO 4016+53.67 RT | 70.21 | 6.0 | 44 TO 22 | 44 | 22.0 | 119.64 | | | 120 | | 10 | 8 | | | 81 | | | |
| 4016+53.67 RT TO 4016+72.21 RT | 18.54 | 13.2 | 22 | 35.2 TO 34 | 12.0 | 25.96 | | | 26 | | 2 | 2 | | | 18 | | | |
| 4016+72.21 RT TO 4017+19.54 RT | 47.33 | 12.0 | 22 | 34 | 12.0 | 63.11 | | | 63 | | 5 | 4 | | | 43 | | | |
| 4017+19.54 TO 4019+57.21 | 237.67 | 46.0 | 12 | 34 | 46.0 | 1214.76 | | | 1,215 | | 102 | 85 | | 951 | 820 | | | |
| 4019+57.21 TO 4021+75.39 | 218.18 | 46.0 | 12 | 34 TO 18 | 30.0 | 921.20 | | | 921 | | 77 | 64 | | 655 | 622 | | | |
| 4021+75.39 TO 4022+57.21 | 81.82 | 30.0 | 12 TO 8 | 18 TO 12 | 20.0 | 227.28 | | | 227 | | 19 | 16 | | 245 | 153 | | | |
| 4022+57.21 TO 4024+27.21 | 170.00 | 20.0 | 8 TO 0 | 12 | 12.0 | 302.22 | | | 302 | | 25 | 21 | | 510 | 204 | | | |
| AVA RD. | | | | | | | | | | | | | | | | | | |
| 100+37.22 RT TO 101+37.37 | 100.15 | 12.0 | 6 RT | 18 | 12.0 | 133.53 | | | 134 | | 11 | 9 | | | 90 | 24.4 | | |
| AVA FRONTAGE RD. | | | | | | | | | | | | | | | | | | |
| 96+63.7 TO 97+25.23 | 61.53 | 98.4 | VAR | VAR | 22.0 | 303.70 | | 303.70 | | | | | 26 | | 137 | 54.7 | | |
| 97+25.23 TO 101+13.59 | 388.36 | 22.0 | 11 | 11 | 22.0 | 949.32 | | 949.32 | | | | | 80 | | 427 | | | |
| AVA RD. / KIMMEL BRIDGE RCUT TOTAL = | | | | | | | 0 | 1253 | 11499 | 0 | 966 | 805 | 105 | 6803 | 8325 | 128 | | |
| GRANGE HALL RCUT TOTAL = | | | | | | | 7957 | 0 | 0 | 107 | 677 | 564 | 0 | 3352 | 5443 | 24 | | |
| TOTAL = | | | | | | | 7,957 | 1,253 | 11,499 | 107 | 1,643 | 1,369 | 105 | 10,155 | 13,768 | 152 | | |

QUANTITIES COMBINED ACROSS MULTIPLE SCHEDULES (FOR INFORMATION PURPOSES ONLY)

| SCHEDULE NAME | LIME | | PROCESSING LIME STABILIZED SOIL MIXTURE 12" | | SUBBASE GRANULAR MATERIAL, TYPE A | | BITUMINOUS MATERIALS (PRIME COAT) | | BITUMINOUS MATERIALS (TACK COAT) | | LONGITUDINAL JOINT SEALER | |
|---|------|----------------|---|----------------|---|----------------|---|----------------|--|----------------|------------------------------|----------------|
| | TON | | SQ YD | | TON | | POUND | | POUND | | POUND | |
| | AVA | GRANGE HALL | AVA | GRANGE HALL | AVA | GRANGE HALL | AVA | GRANGE HALL | AVA | GRANGE HALL | AVA | GRANGE HALL |
| CURB AND GUTTER (1 of 2) | 0 | 5 | 0 | 227 | 494 | 36 | | | | | | |
| CURB AND GUTTER (2 of 2) | 7 | 1 | 342 | 45 | | | | | | | | |
| PAVEMENT (13/127, AVA RD., KIMMEL BRIDGE RD.) | 317 | 293 | 14862 | 13708 | 426 | 106 | 1403 | 350 | 13937 | 12478 | 6059 | 9493 |
| PAVEMENT (GRANGE HALL RD. & AVA FRONTAGE RD.) | 82 | 88 | 3845 | 4126 | | | 8177 | 12962 | 818 | 1296 | | |
| RESURFACING | | | | | | | | | 8325 | 5443 | 6803 | 3352 |
| SHOULDER | 206 | 151 | 9626 | 7061 | 119 | 859 | 4015 | 3872 | 8198 | 7743 | | |
| SHOULDER RESURFACING | | | | | | | | | 456 | 575 | | |
| ENTRANCE | 0 | 22 | 0 | 1049 | | | | | | | | |
| SUB-TOTAL = | 612 | 560 | 28675 | 26216 | 1039 | 1001 | 13595 | 17184 | 31734 | 27535 | 12862 | 12845 |
| TOTAL = | 1172 | | 54891 | | 2040 | | 30779 | | 59269 | | 25707 | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/4/2021 | DATE - | REVISED - |

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|-----------------------------|-----------------|---------|-----------------|--------------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1.(13-1)N-2 | JACKSON | 347 | 30 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS / FED. AID PROJECT | | | | |

MODEL: Default
 FILE NAME: P:\pub\mason.dwg
 PLOT DATE: 2/4/2021
 PLOT SCALE: 100,0000' / in.
 USER NAME: greenleesm
 DESIGNED: -
 DRAWN: -
 CHECKED: -
 DATE: -
 REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -

SHOULDER SCHEDULE

| LOCATION STATION TO STATION | | | | SHOULDER WIDTH (FOR INFORMATION ONLY) | | HOT-MIX ASPHALT SHOULDERS, 8" | HOT-MIX ASPHALT SHOULDERS | SUBBASE GRANULAR MATERIAL, TYPE C | SUBBASE GRANULAR MATERIAL, TYPE A | PROCESSING LIME STABILIZED SOIL MIXTURE 12" | LIME | AGGREGATE BASE COURSE, 8" | BITUMINOUS MATERIALS (PRIME COAT) | BITUMINOUS MATERIALS (TACK COAT) | REMARKS |
|--------------------------------------|----|---------|------------|---------------------------------------|---------|-------------------------------|---------------------------|-----------------------------------|-----------------------------------|---|-------|---------------------------|-----------------------------------|----------------------------------|-------------------------------------|
| | | | | | | | | | | | | | | | |
| IL 13 / 127 NB | | | | | | | | | | | | | | | |
| 1002+00 | RT | TO | 1008+43.26 | RT | 643.26 | 10.0 | 715 | 136 | | 798 | 17 | | 343 | 686 | |
| 1008+43.26 | RT | TO | 1014+83.61 | RT | 670.88 | 4.0 | 298 | 66 | | 385 | 8 | | 157 | 313 | LOON AND RIGHT TURN (670.88') |
| 1017+26.85 | RT | TO | 1040+14.95 | RT | 2288.10 | 10.0 | 2542 | 485 | | 2839 | 61 | | 1220 | 2441 | |
| QUANTITY BREAK NB | | | | | | | | | | | | | | | |
| 1018+22.5 | LT | TO | 1018+27.5 | LT | 5.00 | 6.0 | 3 | | | | | | 2 | 3 | PROP. 15" RCCP OUTLET PIPE |
| 1023+10.21 | LT | TO | 1023+46.08 | LT | 48.60 | 4 & VAR | 22 | | | | | | 11 | 23 | U-TURN RT SHLD (48.6') |
| 1023+30.87 | LT | TO | 1040+14.95 | LT | 1684.08 | 6.0 | 1123 | | | 1341 | 29 | | 561 | 1123 | |
| QUANTITY BREAK NB | | | | | | | | | | | | | | | |
| 1040+14.95 | LT | TO | 1044+03.93 | LT | 388.98 | 6.0 | 259 | 53 | | 310 | 7 | | 130 | 259 | |
| 1040+14.95 | RT | TO | 1044+03.93 | RT | 388.98 | 6.0 | 259 | | 106 | | | | 130 | 259 | SHLD. NEXT TO 4' RESURFACED SHLD. |
| 1044+03.93 | RT | TO | 1044+12.1 | RT | 8.17 | 10.0 | 9 | 2 | | 10 | 0 | | 4 | 9 | |
| 1044+12.1 | RT | TO | 1045+04.83 | RT | 101.69 | 4.0 | 45 | 10 | | 58 | 1 | | 24 | 47 | LOON (101.69') |
| 1044+53.1 | LT | TO | 1044+67.22 | LT | 14.12 | 6.0 | 9 | 2 | | 11 | 0 | | 5 | 9 | |
| 1044+67.22 | LT | TO | 1044+94.35 | LT | 27.13 | 4' TO 6' | 15 | 3 | | 19 | 0 | | 8 | 15 | LEFT EOS @ 18' |
| 1044+94.35 | LT | TO | 1050+52.22 | LT | 557.87 | 4.0 | 248 | 55 | | 320 | 7 | | 130 | 260 | LEFT TURN LANE |
| 1045+04.83 | RT | TO | 1045+82.05 | RT | 77.22 | VAR | 51 | 11 | | 61 | 1 | | 26 | 51 | RIGHT EOS @ 22' |
| 1045+82.05 | RT | TO | 1050+54.92 | RT | 472.87 | 4.0 | 210 | 46 | | 271 | 6 | | 110 | 221 | |
| 1049+97.4 | LT | TO | 1051+15.68 | LT | 118.28 | 4.0 | 53 | 9 | | 53 | 1 | | 28 | 55 | SHLD BY MEDIAN SPLITTER ISLAND |
| 1050+52.22 | LT | TO | 1050+89.31 | LT | 69.70 | 4.0 | 31 | 7 | | 40 | 1 | | 16 | 33 | MEDIAN NOSE (69.7') |
| 1051+83.75 | LT | TO | 1053+87.15 | LT | 203.40 | 6.0 | 136 | | 55 | | | | 68 | 136 | |
| 1052+68.37 | RT | TO | 1066+50.77 | RT | 1382.40 | 6.0 | 922 | | 376 | | | | 461 | 922 | SHLD. NEXT TO 4' RESURFACED SHLD. |
| 1053+87.15 | LT | TO | 1054+34.57 | LT | 47.42 | 6' TO 4' | 26 | 6 | | 32 | 1 | | 13 | 27 | LEFT EOS @ 18' |
| 1054+34.57 | LT | TO | 1057+87.15 | LT | 352.58 | 4.0 | 157 | 35 | | 202 | 4 | | 82 | 165 | |
| 1057+87.15 | LT | TO | 1058+25.98 | LT | 80.61 | 4.0 | 36 | 8 | | 46 | 1 | | 19 | 38 | MEDIAN NOSE (80.61') |
| 1058+20.95 | LT | TO | 1058+68.95 | LT | 61.80 | 4 & VAR | 27 | 6 | | 35 | 1 | | 14 | 29 | U-TURN RT SHLD (61.8') |
| 1058+51.61 | LT | TO | 1065+50.77 | LT | 699.16 | 6.0 | 466 | | 190 | | | | 233 | 466 | |
| 1065+50.77 | LT | TO | 1066+50.77 | LT | 100.00 | 19.1' TO 8' | 151 | 26 | | 151 | 3 | | 68 | 136 | SHOULDER WITH SWALE |
| 1066+50.77 | LT | TO | 1067+50.77 | LT | 100.00 | 8' TO 5.1' | 73 | 12 | | 73 | 2 | | 33 | 66 | |
| 1066+50.77 | RT | TO | 1067+50.77 | RT | 100.00 | 10.0 | 111 | | 42 | | | | 53 | 107 | |
| 1067+50.77 | RT | TO | 1070+79.65 | RT | 328.88 | 6.0 | 239 | | 89 | | | | 108 | 215 | SHLD. NEXT TO 4' RESURFACED SHLD. |
| IL 13 / 127 SB | | | | | | | | | | | | | | | |
| 4005+29.79 | RT | TO | 4006+80.26 | RT | 150.47 | 11.8' TO 6' | 149 | | 59 | | | | 67 | 134 | |
| 4006+80.26 | RT | TO | 4008+62.29 | RT | 182.03 | 6.0 | 121 | | 48 | | | | 55 | 109 | |
| 4017+06.65 | LT | TO | 4023+40.8 | LT | 660.17 | 4.0 | 293 | 65 | | 379 | 8 | | 154 | 308 | RIGHT TURN AND LOON (660.17') |
| 4023+38.38 | RT | TO | 4040+07.88 | RT | 1669.50 | 6.0 | 1113 | 227 | | 1329 | 28 | | 557 | 1113 | |
| 4023+40.8 | LT | TO | 4040+07.88 | LT | 1667.08 | 10.0 | 1852 | 353 | | 2068 | 44 | | 889 | 1778 | |
| QUANTITY BREAK SB | | | | | | | | | | | | | | | |
| 4040+07.88 | RT | TO | 4044+16.89 | RT | 409.01 | 6.0 | 273 | 56 | | 326 | 7 | | 136 | 273 | |
| 4040+07.88 | LT | TO | 4049+94.4 | LT | 988.52 | 10.0 | 1096 | 209 | | 1224 | 26 | | 526 | 1052 | |
| 4043+92.97 | RT | TO | 4044+44.82 | RT | 77.40 | 4 & VAR | 34 | 8 | | 44 | 1 | | 18 | 36 | U-TURN RT SHLD (77.4') |
| 4044+46.03 | RT | TO | 4044+78.85 | RT | 80.66 | 4.0 | 36 | 8 | | 46 | 1 | | 19 | 38 | MEDIAN NOSE (80.66') |
| 4044+78.85 | RT | TO | 4048+31.43 | RT | 352.58 | 4.0 | 157 | 35 | | 202 | 4 | | 82 | 165 | |
| 4048+31.43 | RT | TO | 4048+78.85 | RT | 47.42 | 4' TO 6' | 26 | 6 | | 32 | 1 | | 13 | 27 | RIGHT EOS @ 18' |
| 4048+78.85 | RT | TO | 4050+82.24 | RT | 203.39 | 6.0 | 136 | 28 | | 162 | 3 | | 68 | 136 | |
| 4051+47.71 | RT | TO | 4052+69.58 | RT | 121.87 | 4.0 | 54 | 12 | | 70 | 1 | | 28 | 57 | SHLD BY MEDIAN SPLITTER ISLAND |
| 4051+76.68 | RT | TO | 4052+13.78 | RT | 69.70 | 4.0 | 31 | 7 | | 40 | 1 | | 16 | 33 | MEDIAN NOSE (69.7') |
| 4052+07.85 | LT | TO | 4056+80.45 | LT | 472.60 | 4.0 | 210 | 46 | | 271 | 6 | | 110 | 221 | |
| 4052+13.78 | RT | TO | 4057+71.65 | RT | 557.87 | 4.0 | 248 | 55 | | 320 | 7 | | 130 | 260 | |
| 4056+80.45 | LT | TO | 4057+66.81 | LT | 86.36 | VAR & 6 | 55 | 11 | | 66 | 1 | | 27 | 55 | LEFT EOS @ 22' |
| 4057+66.81 | LT | TO | 4058+54.2 | LT | 95.92 | 4.0 | 43 | 9 | | 55 | 1 | | 22 | 45 | LOON (95.92') |
| 4057+71.65 | RT | TO | 4057+98.78 | RT | 27.13 | 4' TO 6' | 15 | 3 | | 19 | 0 | | 8 | 15 | RIGHT EOS @ 18' |
| 4057+98.78 | RT | TO | 4058+12.9 | RT | 14.12 | 6.0 | 9 | 2 | | 11 | 0 | | 5 | 9 | |
| 4058+54.2 | LT | TO | 4070+76.02 | LT | 1221.82 | 10.0 | 1358 | 259 | | 1516 | 32 | | 652 | 1303 | |
| 4058+61.88 | RT | TO | 4065+47.11 | RT | 685.23 | 6.0 | 457 | 93 | | 546 | 12 | | 228 | 457 | |
| AVARD. S. RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | 1+55.51 | | | 155.51 | 4.0 | 69 | 15 | | 91 | 1.9 | | | 31 | |
| 1+55.51 | TO | 2+16.81 | | | 61.30 | 4' TO 10' | 48 | 10 | | 61 | 1.3 | | | 21 | E OS @ 22' FROM MAINLINE CENTERLINE |
| AVARD. N. RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | 1+81.54 | | | 181.54 | 4.0 | 81 | 18 | | 106 | 2.3 | | | 36 | |
| KIMMEL BRIDGE S. RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | 1+57.04 | | | 157.04 | 4.0 | 70 | 16 | | 92 | 2.0 | | | 31 | |
| KIMMEL BRIDGE N. RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | 1+30.31 | | | 130.31 | 4.0 | 58 | 13 | | 76 | 1.6 | | | 26 | |
| 1+30.31 | TO | 1+89.93 | | | 59.62 | 4' TO 10' | 46 | 10 | | 60 | 1.3 | | | 21 | E OS @ 22' FROM MAINLINE CENTERLINE |
| GRANGE HALL SW RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | +95.88 | | | 95.88 | 4.0 | | 7 | | 56 | 1.2 | 51 | 3 | 5 | |
| +95.88 | TO | 1+56.39 | | | 60.51 | 4' TO 10' | | 9 | | 61 | 1.3 | 57 | 3 | 6 | E OS @ 22' FROM MAINLINE CENTERLINE |
| GRANGE HALL NW RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | 1+56.39 | | | 156.39 | 4.0 | | 12 | | 91 | 1.9 | 83 | 4 | 8 | |
| GRANGE HALL SE RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | 1+56.39 | | | 156.39 | 4.0 | | 12 | | 91 | 1.9 | 83 | 4 | 8 | |
| GRANGE HALL NE RADIUS | | | | | | | | | | | | | | | |
| 0+00 | TO | +95.88 | | | 95.88 | 4.0 | | 7 | | 56 | 1.2 | 51 | 3 | 5 | |
| +95.88 | TO | 1+56.39 | | | 60.51 | 4' TO 10' | | 9 | | 61 | 1.3 | 58 | 3 | 6 | E OS @ 22' FROM MAINLINE CENTERLINE |
| AVA RD. / KIMMEL BRIDGE RCUT TOTAL = | | | | | | | 8603 | 0 | 1644 | 119 | 9626 | 206 | 0 | 4015 | 8198 |
| GRANGE HALL RCUT TOTAL = | | | | | | | 7771 | 55 | 1135 | 859 | 7061 | 151 | 381 | 3872 | 7743 |
| TOTAL = | | | | | | | 16374 | 55 | 2780 | 978 | 16687 | 356 | 381 | 7887 | 15941 |

MODEL: Default
 FILE NAME: p:\pub\mranon.dwg
 PROJECT: 78660-CA00DataCAD\Drawings\78660-SB-RT-Sch_Ties_CocoonElements.dwg

USER NAME = fowler
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 10/13/2020

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
 SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 31 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SHOULDER RESURFACING SCHEDULE

| LOCATION STATION TO STATION | | | | | | LENGTH | SHOULDER WIDTH (FOR INFORMATION ONLY) | HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | HOT-MIX ASPHALT SURFACE - REMOVAL VARIABLE DEPTH | HOT-MIX ASPHALT SHOULDERS | BITUMINOUS MATERIAL (TACK COAT) | AGGREGATE WEDGE SHOULDER, TYPE B | SHOULDER RUMBLE STRIPS, 16 INCH | REMARKS |
|--------------------------------------|---------|----|------------|---------|---------|----------------|--|---|---|---|---------------------------------|---------------------------------------|---|---------------------------------------|---------|
| | | | | | | | | SQ YD | SQ YD | SQ YD | TON | POUND | TON | FOOT | |
| IL13/127 NB | | | | | | | | | | | | | | | |
| 1002+00. | RT | TO | 1008+40. | RT | 640.00 | | | | | | | | | 640 | |
| 1002+00. | LT | TO | 1005+29.42 | LT | 329.42 | VAR 6' TO 8.5' | | 265 | | | 22.3 | 119.4 | | | |
| 1005+29.42 | LT | TO | 1008+46.88 | LT | 317.46 | 6.0 | | 212 | | | 17.8 | 95.2 | | | |
| 1017+20. | RT | TO | 1037+70. | RT | 2050.00 | | | | | | | | | 2050 | |
| 1019+17.62 | LT | TO | 1019+99.15 | LT | 81.53 | VAR 6' TO 0' | | 27 | | | 2.3 | 12.2 | | | |
| 1014+73.6 | LT | TO | 1015+87.46 | LT | 113.86 | 6.0 | | 76 | | | 6.4 | 34.2 | | | |
| 1016+58.03 | LT | TO | 1018+63.81 | LT | 205.78 | 6.0 | | 137 | | | 11.5 | 61.7 | | | |
| 1018+63.81 | LT | TO | 1020+06.31 | LT | 142.50 | VAR 6' TO 0' | | 48 | | | 4.0 | 21.4 | | | |
| 1038+30. | RT | TO | 1040+14.95 | RT | 184.95 | | | | | | | | | 185 | |
| | | | | | | | | | | | | | | QUANTITY BREAK NB | |
| 1040+14.95 | RT | TO | 1044+03.93 | RT | 388.98 | 4.0 | | 173 | | | 19.4 | 77.8 | | 389 | |
| 1052+68.37 | RT | TO | 1066+50.74 | RT | 1382.37 | 4.0 | | 614 | | | 68.8 | 276.5 | | | |
| 1052+70. | RT | TO | 1057+00. | RT | 430.00 | | | | | | | | | 430 | |
| 1057+40. | RT | TO | 1070+79. | RT | 1339.00 | | | | | | | | | 1339 | |
| 1067+50.74 | RT | TO | 1070+79.62 | RT | 328.88 | 4.0 | | 146 | | | 16.4 | 65.8 | | | |
| 1070+79.62 | LT & RT | TO | 1074+26.71 | LT & RT | 347.09 | 3' | | 309 | | | 34.6 | 138.8 | 9.9 | | |
| 1074+26.71 | LT & RT | TO | 1074+66.71 | LT & RT | 40.00 | 3' | | | 36 | | 4.0 | 16.0 | 1.1 | | |
| IL13/127 SB | | | | | | | | | | | | | | | |
| 4005+30. | LT | TO | 4014+20. | LT | 890.00 | | | | | | | | | 890 | |
| 4013+25.84 | RT | TO | 4015+32.71 | RT | 206.87 | 6.0 | | 138 | | | 11.6 | 62.1 | | | |
| 4016+09.16 | RT | TO | 4017+19.54 | RT | 110.38 | 4.0 | | 49 | | | 4.1 | 22.1 | | | |
| 4021+54.95 | RT | TO | 4022+57.21 | RT | 102.26 | VAR 0' TO 6' | | 34 | | | 2.9 | 15.3 | | | |
| 4022+57.21 | RT | TO | 4022+98.23 | RT | 41.02 | 6.0 | | 27 | | | 2.3 | 12.3 | | | |
| 4023+40. | LT | TO | 4037+60. | LT | 1420.00 | | | | | | | | | 1420 | |
| 4038+15. | LT | TO | 4040+07.88 | LT | 192.88 | | | | | | | | | 193 | |
| | | | | | | | | | | | | | | QUANTITY BREAK SB | |
| 4040+07.88 | LT | TO | 4049+90. | LT | 982.12 | | | | | | | | | 982 | |
| 4058+55. | LT | TO | 4066+95. | LT | 840.00 | | | | | | | | | 840 | |
| AVA RD. / KIMMEL BRIDGE RCUT TOTAL = | | | | | | | | 0 | 1013 | 0 | 85 | 456 | 0 | 5378 | |
| GRANGE HALL RCUT TOTAL = | | | | | | | | 1242 | 0 | 36 | 143 | 575 | 11 | 3980 | |
| TOTAL = | | | | | | | | 1242 | 1013 | 36 | 228 | 1031 | 11 | 9358 | |

* SHOULDER MILLING WIDTHS MAY VARY

MODEL: Default
 FILE NAME: p:\pub\harronm.dwg
 PROJECT: 78660-CAD\DATA\CAD\PROJECTS\DOT OFFICE\DOT\Documents\DOT OFFICE\DOT\78660-SB-TJ-Sch_Ties_CoronaElements.dwg

| | | | |
|------------------------------|------------|-----------|--|
| USER NAME = fowlera | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-----------|-------|-----------|--------------|
| SCHEDULES | | | |
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 32 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PIPE UNDERDRAIN SCHEDULE

| LOCATION STATION TO STATION | PIPE UNDERDRAINS, TYPE 2, 4" | PIPE UNDERDRAINS 4" (SPECIAL) | CONCRETE HEADWALLS FOR PIPE DRAINS | REMARKS |
|--------------------------------------|------------------------------------|-------------------------------------|---|---|
| | FOOT | FOOT | EACH | |
| IL 13 / 127 NB | | | | |
| 1003+00 RT | | | | |
| 1003+00. RT TO 1008+00. RT | 500 | 31 | 1 | |
| 1028+00. RT TO 1032+00. RT | | | | |
| 1028+00. RT TO 1032+00. RT | 400 | 23 | 1 | |
| 1031+50. LT TO 1036+50. LT | | | | |
| 1032+00. RT TO 1036+22. RT | 422 | | | TERMINATE IN CULVERT |
| 1036+22. RT TO 1040+14.95 RT | 393 | | | TERMINATE IN CULVERT |
| 1040+14.95 RT TO 1041+22. RT | | | | |
| 1036+50. LT TO 1041+50. LT | 500 | | | BREAK IN QUANTITY TERMINATE IN CULVERT TERMINATE IN CULVERT |
| 1044+10 RT | | | | |
| 1044+10. RT TO 1046+22. RT | 212 | 20 | 1 | |
| 1045+00 LT | | | | |
| 1045+00. LT TO 1050+00. LT | 500 | 14 | 1 | |
| 1046+22 RT | | | | |
| 1046+22. RT TO 1050+50. | 428 | 18 | 1 | |
| 1052+00. LT TO 1057+00. LT | | | | |
| 1052+00. LT TO 1057+00. LT | 500 | 13 | 1 | |
| 1058+50. LT TO 1060+30. LT | | | | |
| 1058+50. LT TO 1060+30. LT | 180 | 23 | 1 | |
| IL 13 / 127 SB | | | | |
| 4017+00. LT TO 4022+00. LT | | | | |
| 4017+00. LT TO 4022+00. LT | 500 | 30 | 1 | |
| 4022+00. LT TO 4027+00. LT | | | | |
| 4022+00. LT TO 4027+00. LT | 500 | 32 | 1 | |
| 4027+00. LT TO 4032+00. LT | | | | |
| 4027+00. LT TO 4032+00. LT | 500 | 25 | 1 | |
| 4031+80. RT TO 4036+80. RT | | | | |
| 4032+00. LT TO 4036+90. LT | 490 | | | TERMINATE IN CULVERT |
| 4036+80. RT TO 4040+07.88 RT | 328 | | | TERMINATE IN CULVERT |
| 4040+07.88 RT TO 4041+80. RT | | | | |
| 4036+90. LT TO 4041+90. LT | 500 | | | BREAK IN QUANTITY TERMINATE IN CULVERT TERMINATE IN CULVERT |
| 4041+90 LT | | | | |
| 4041+90. LT TO 4046+90. LT | 500 | 31 | 1 | |
| 4046+90 LT | | | | |
| 4046+90. LT TO 4048+50. LT | 160 | 40 | 1 | |
| 4052+00. LT TO 4057+00. LT | | | | |
| 4052+00. LT TO 4057+00. LT | 500 | 20 | 1 | |
| 4052+00. RT TO 4057+00. RT | | | | |
| 4052+00. RT TO 4057+00. RT | 500 | 12 | 1 | |
| 4058+50. LT TO 4063+50. LT | | | | |
| 4058+50. LT TO 4063+50. LT | 500 | | | TERMINATE IN CULVERT |
| 4059+00. RT TO 4063+40. RT | 440 | | | TERMINATE IN CULVERT |
| 4063+40. LT TO 4068+40. LT | 500 | | | TERMINATE IN CULVERT |
| AVA RD. / KIMMEL BRIDGE RCUT TOTAL = | | | | |
| | 5033 | 141 | 5 | |
| GRANGE HALL RCUT TOTAL = | | | | |
| | 6199 | 191 | 9 | |
| TOTAL = | | | | |
| | 11232 | 332 | 14 | |

MODEL: Default
 FILE NAME: p:\pub\harronm.dwg
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| | | |
|-------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

| | | | |
|-----------|-----------------|--------------|--|
| SCHEDULES | | | |
| SCALE: | SHEET OF SHEETS | STA. TO STA. | |

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 33 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PAVEMENT MARKING SCHEDULE (SB IL 13 / 127)

| LOCATION STATION TO STATION | LENGTH | PAVEMENT MARKING REMOVAL | POLYUREA PAVEMENT MARKING - LINE 4" | | | POLYUREA PAVEMENT MARKING - LINE 12" | | POLYUREA PAVEMENT MARKING - LINE 24" | POLYUREA PAVEMENT MARKING - LETTERS AND SYMBOLS | REMARKS |
|---|---------------------|--------------------------------|--|----------------|-----------------|--|--------|---|---|---|
| | | | WHITE SKIP | WHITE SOLID | YELLOW SOLID | WHITE | YELLOW | | | |
| | | SQ FT | FOOT | FOOT | FOOT | FOOT | FOOT | SQ FT | | |
| SB 13/127 | | | | | | | | | | |
| 4005+29.79 | TO 4008+79.04 | 349.3 | 87 | 349 | 349 | | | | | |
| 4008+46.58 | RT TO 4008+79.04 RT | | | 46 | | | | | | UTURN RIGHT EOP |
| 4008+79.04 | TO 4010+40.84 | 161.8 | 40 | 324 | | | | | | UTURN STORAGE LINE |
| 4010+40.84 | TO 4011+94.96 | 154.1 | 39 | 154 | | | | | | |
| 4011+94.96 | TO 4015+32.73 | 337.8 | 84 | 338 | 338 | | | | | |
| 4014+90 LT | | | | | | | | | | |
| 4015+32.73 | TO 4023+40.8 | 808.1 | 202 | | | | | 11.2 | | BIKE SYMBOL (RIDER AND ARROW) CENTERLINE ONLY |
| 4015+97.86 | RT TO 4017+19.54 RT | 121.7 | | 122 | | 30 | | | | |
| 4016+26.01 | LT TO 4019+91.63 LT | 365.6 | | 731 | | | | | | |
| 4017+25 RT | | | | | | | | | | |
| 4017+30 LT | | | | | | | | | | |
| 4017+30 LT | | | | | | | | | | |
| 4019+25 RT | | | | | | | | | | |
| 4019+75 LT | | | | | | | | | | |
| 4019+75 LT | | | | | | | | | | |
| 4017+19.54 | RT TO 4019+56.35 RT | 236.8 | | 474 | | 168 | | | | |
| 4019+56.35 | RT TO 4020+92.66 RT | 136.3 | | 273 | | 42 | | | | |
| 4019+91.63 | LT TO 4022+14.3 LT | 222.7 | 74 | 228 | | | | | | |
| 4021+54.95 | RT TO 4022+98.22 RT | 143.3 | | | 123 | | | | | BIKE SKIP DASH (DOUBLE), TAPER EOP STRIPE STOPS ONCE REACHES M-6.06 CURB |
| 4022+14.3 | LT TO 4023+40.8 LT | 126.5 | 84 | 153 | | | | | | BIKE SKIP DASH, LOON EOP |
| 4023+40.8 | TO 4040+07.88 | 1667.1 | 417 | 1667 | 1667 | | | | | QUANTITY BREAK |
| 4040+07.88 | | | | | | | | | | |
| 4040+07.88 | TO 4044+44.82 | 436.9 | 109 | 437 | 437 | | | | | |
| 4043+96.86 | RT TO 4044+44.82 RT | 48.0 | | 88 | | | | | | RIGHT EOP AROUND U-TURN |
| 4044+46.03 | RT TO 4044+78.85 RT | 32.8 | | | 81 | | | | | LT EOP MEDIAN NOSE |
| 4044+44.82 | TO 4045+93.85 | 149.0 | 37 | 298 | 115 | | | | | |
| 4045+93.85 | TO 4048+78.85 | 285.0 | 71 | 285 | 285 | | | | | |
| 4048+78.85 | TO 4050+82.24 | 203.4 | 51 | 194 | 204 | | | | | BIKE STRIPE ENDS 10' SHORT OF STATION |
| 4050+55 LT | | | | | | | | | | |
| 4050+82.24 | TO 4058+54.2 | 772.0 | 193 | | | | | 11.2 | | BIKE SYMBOL (RIDER AND ARROW) CENTERLINE ONLY |
| 4051+34.59 | RT TO 4052+69.58 RT | 135.0 | | 138 | | 30 | | | | |
| 4051+45.85 | LT TO 4054+92.85 LT | 347.0 | | 979 | | | | | | DOUBLE BIKE SOLID AND RT TURN EOP (285') |
| 4051+76.68 | RT TO 4052+13.78 RT | 37.1 | | | 70 | | | | | LT TURN EOP |
| 4052+13.78 | RT TO 4054+98.78 RT | 285.0 | | | 285 | | | | | |
| 4052+50 LT | | | | | | | | | | |
| 4052+55 LT | | | | | | | | | | |
| 4052+65 RT | | | | | | | | | | |
| 4052+69.58 | RT TO 4054+98.78 RT | 229 | | 458 | | 168 | | | | |
| 4054+65 LT | | | | | | | | | | |
| 4054+65 RT | | | | | | | | | | |
| 4054+75 LT | | | | | | | | | | |
| 4054+92.85 | LT TO 4057+17.55 LT | 225 | 150 | 225 | | | | | | |
| 4054+98.78 | RT TO 4056+34.7 RT | 136 | | 272 | 136 | 42 | | | | |
| 4056+34.7 | RT TO 4058+12.9 RT | 178 | | | 178 | | | | | |
| 4057+17.55 | LT TO 4058+54.2 LT | 137 | 46 | 142 | | | | | | BIKE SKIP DASH, LOON EOP |
| 4058+54.2 | TO 4066+47.71 LT | 793.5 | 198 | 794 | 786 | | | | | |
| 4066+47.71 | RT TO 4067+47.71 RT | 100.0 | | | 100 | | | | | |
| 4066+47.71 | LT TO 4070+76.02 LT | 428.3 | | 428 | | | | | | |
| SUB-TOTALS = | | | | | | | | | | |
| | | | 1883 | 9596 | 5154 | 480 | 0 | | | |
| VA RD. / KIMMEL BRIDGE RCUT SHEET TOTAL = | | | 0 | 8363 | | 240 | 0 | 179.2 | | |
| GRANGE HALL RCUT SHEET TOTAL = | | | 0 | 8270 | | 240 | 0 | 179.2 | | |
| SHEET TOTAL = | | | 0 | 16633 | | 480 | 0 | 358.4 | | |

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| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 38 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PAVEMENT MARKING SCHEDULE (SIDEROAD 2 OF 2)

| LOCATION STATION TO STATION | LENGTH | PAVEMENT MARKING REMOVAL | POLYUREA PAVEMENT MARKING - LINE 4" | | | POLYUREA PAVEMENT MARKING - LINE 12" | | POLYUREA PAVEMENT MARKING - LINE 24" | POLYUREA PAVEMENT MARKING - LETTERS AND SYMBOLS | REMARKS |
|--------------------------------------|--------|--------------------------------|--|----------------|-----------------|--|--------|---|---|---|
| | | | YELLOW SKIP | WHITE SOLID | YELLOW SOLID | WHITE | YELLOW | | | |
| | | SQ FT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | SQ FT | |
| GRANGE HALL RD. | | | | | | | | | | |
| 43+25. RT TO 43+40. RT | 15.0 | | | 15 | | | | | | |
| 43+25. LT TO 43+45. LT | 20.0 | | | 20 | | | | | | |
| 43+25. TO 44+10. | 85.0 | | 21 | | | | | | | |
| 44+08. LT TO 48+13.55 LT | 405.6 | | | 406 | | | | | | |
| 44+10. TO 49+23 | 513.0 | | | | 1026 | | | | | |
| 44+13.72 RT TO 48+83. RT | 469.3 | | | 469 | | | | | | |
| 49+39. RT TO 49+51. RT | 12.0 | | | 60 | | 10 | | | | WEST SPLITTER ISLAND NOSE AND BIKE STRIPE |
| 50+49. LT TO 50+61. LT | 12.0 | | | 60 | | 10 | | | | EAST SPLITTER ISLAND NOSE AND BIKE STRIPE |
| 50+78. TO 55+50. | 472.0 | | | | 944 | | | | | |
| 51+17. LT TO 55+50. LT | 433.0 | | | 433 | | | | | | |
| 51+86.5 RT TO 55+50. RT | 363.5 | | | 364 | | | | | | |
| GH NE RADIUS | | | | | | | | | | |
| 0+00 TO 1+07. | 107.0 | | | 107 | | | | | | EOP |
| 0+37 TO 1+07 | 70.0 | | | 73 | | 53 | | | 20.6 | ONLY AND RIGHT ARROW |
| 0+55.5 | | | | | | | | 18 | | TRUCK APRON EDGE STOP BAR |
| GH SE RADIUS | | | | | | | | | | |
| 0+00 TO 1+56.39 | 156.4 | | | 156 | | | | | | EOP |
| 0+23.6 TO 0+55.13 | 31.5 | | | 66 | | 60 | | | | PAINTED ISLAND |
| GH NW RADIUS | | | | | | | | | | |
| 0+00 TO 1+56.39 | 156.4 | | | 156 | | | | | | EOP |
| 0+23.6 TO 0+55.13 | 31.5 | | | 66 | | 60 | | | | PAINTED ISLAND |
| GH SW RADIUS | | | | | | | | | | |
| 0+00 TO 1+07. | 107.0 | | | 107 | | | | | | EOP |
| 0+37 TO 1+07 | 70.0 | | | 73 | | 53 | | | 20.6 | ONLY AND RIGHT ARROW |
| 0+55.5 | | | | | | | | 18 | | TRUCK APRON EDGE STOP BAR |
| SUB-TOTAL = | | | | 21 | 2631 | 1970 | | | | |
| GRANGE HALL RCUT SHEET TOTAL = | | | 0 | | 4622 | | 246 | 36 | 41.2 | |
| AVA RD. / KIMMEL BRIDGE RCUT TOTAL = | | | 737 | | 24856 | | 1228 | 43 | 436 | |
| GRANGE HALL RCUT TOTAL = | | | 0 | | 23098 | | 981 | 36 | 519 | |
| JOB TOTAL = | | | 737 | | 47954 | | 2209 | 79 | 955 | |

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 SHEET: 40 of 40

| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

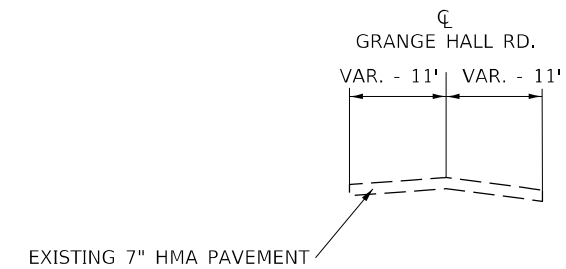
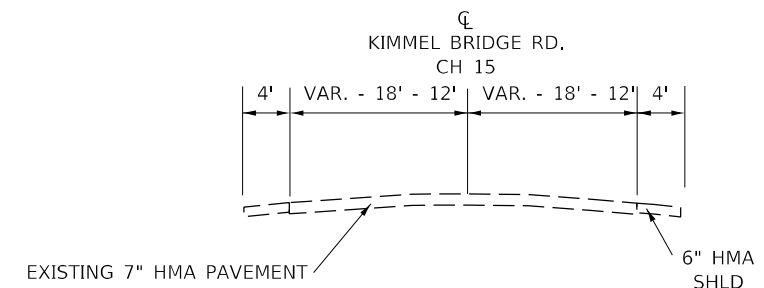
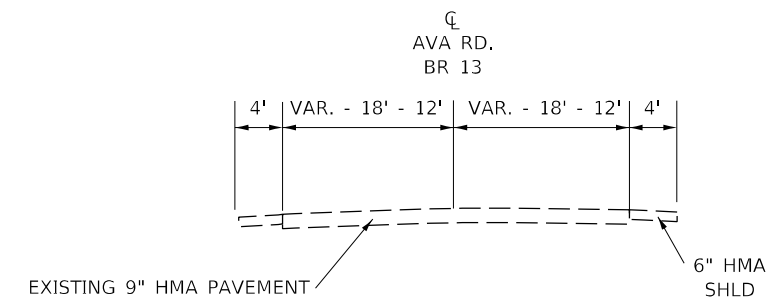
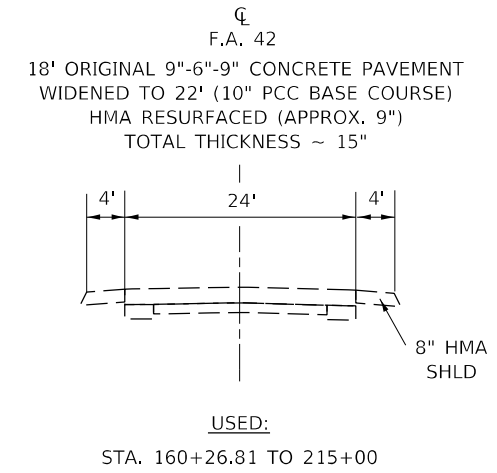
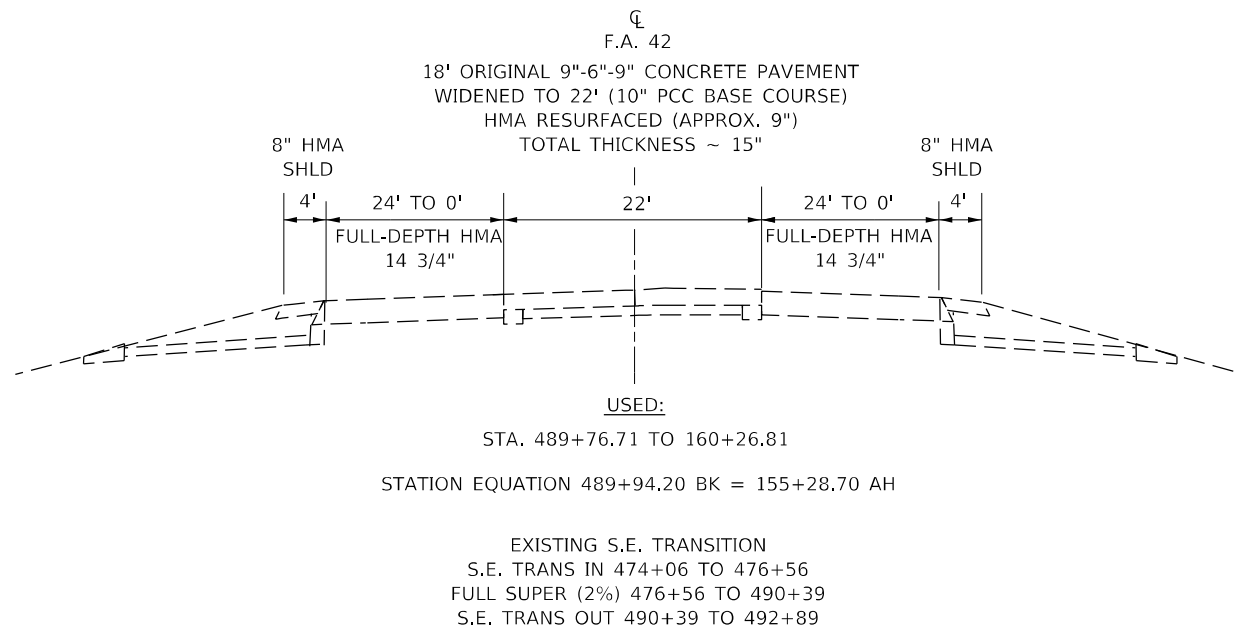
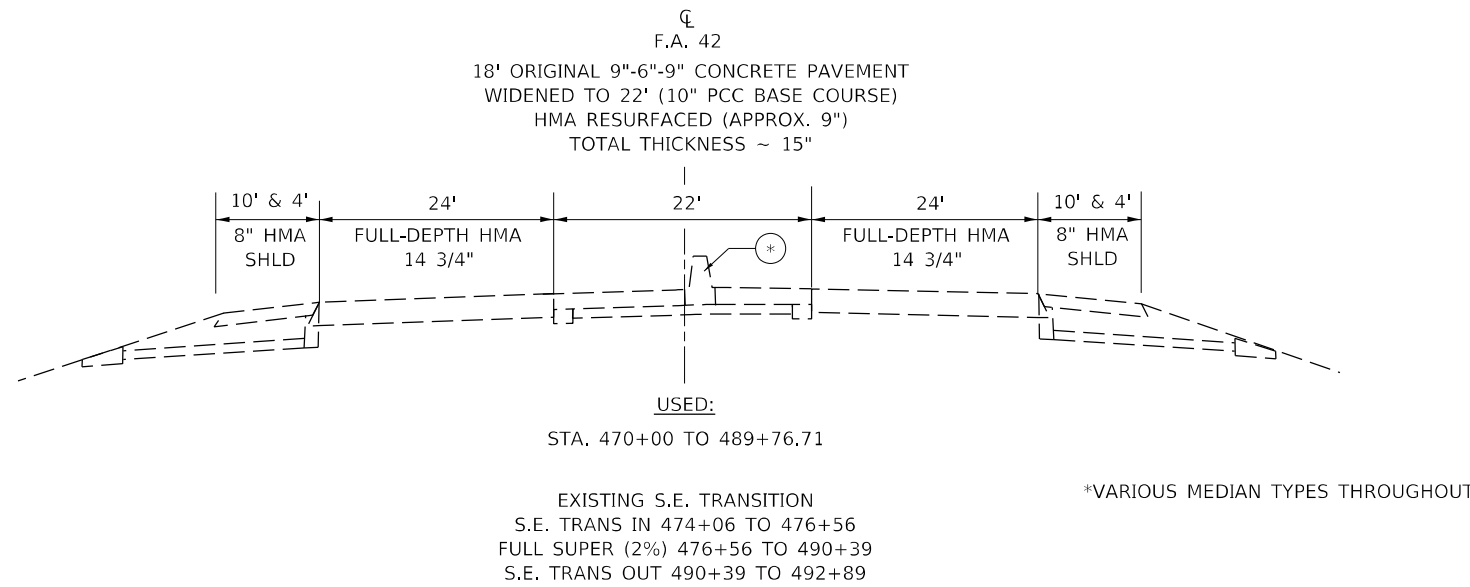
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 40 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

EXISTING TYPICAL SECTIONS



MODEL: Typical.dwg, scale
 FILE: \\mhc-pw\pub\mhc\mhc\dot\illinois\gov\pww\DOT\Documents\DOT - Offices\District 9\Projects\78660\CADD\Drawings\978660-Shld-Typ_Sch_Ties_CrossSection.dwg

| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 20,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

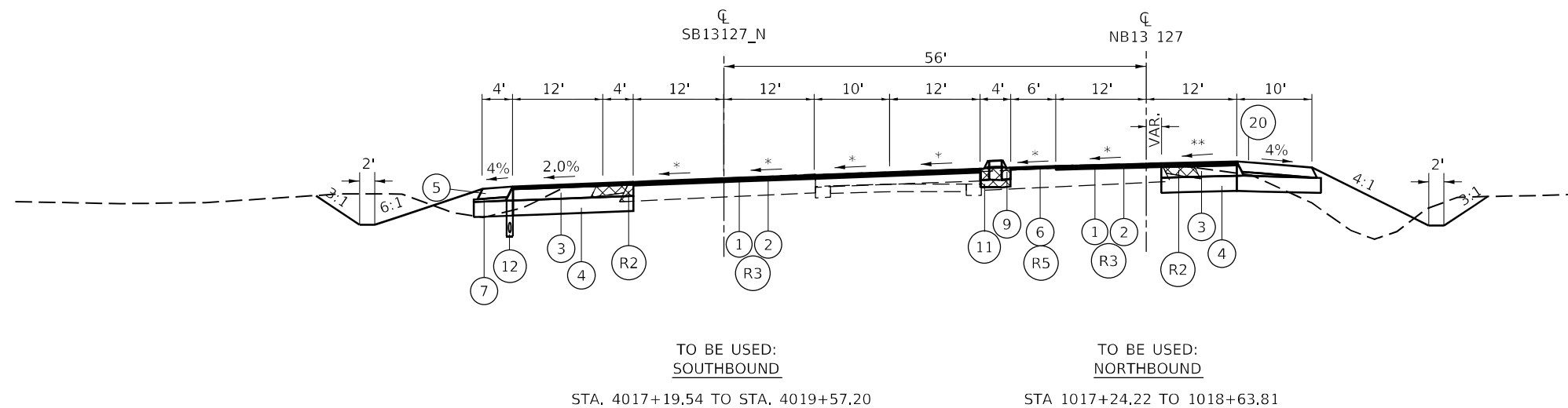
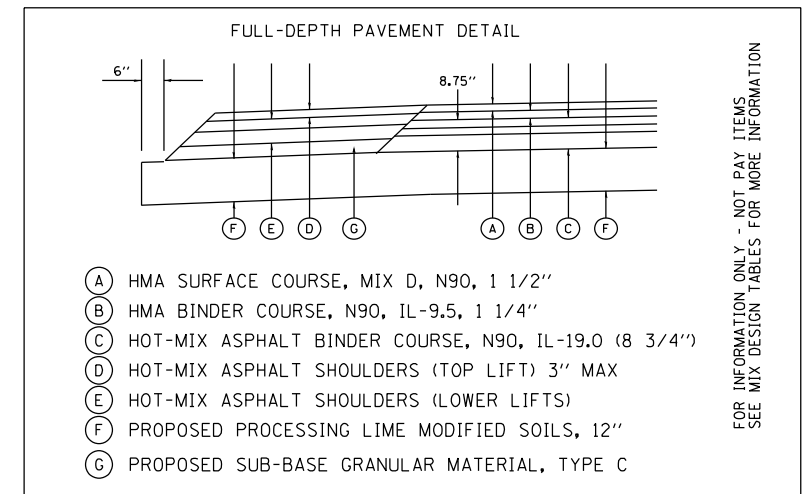
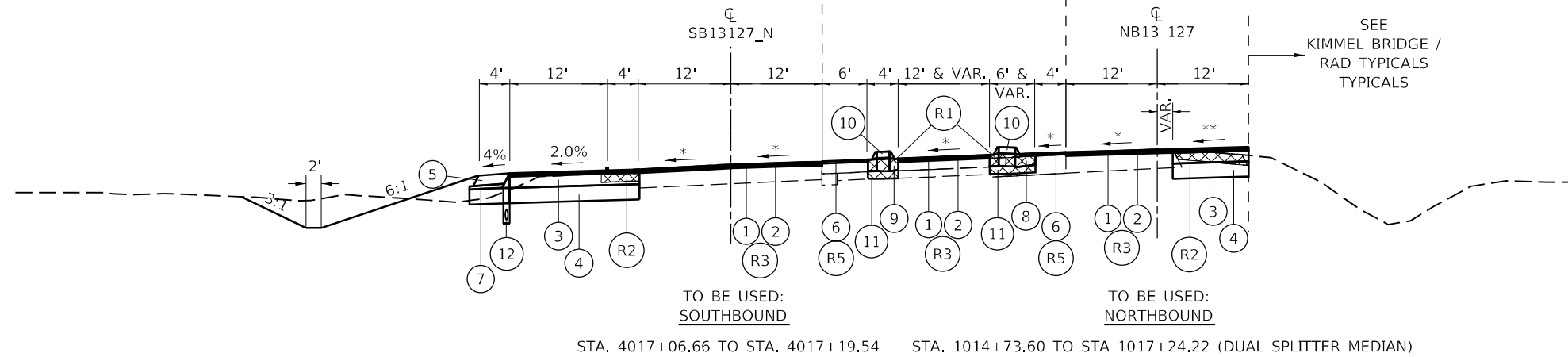
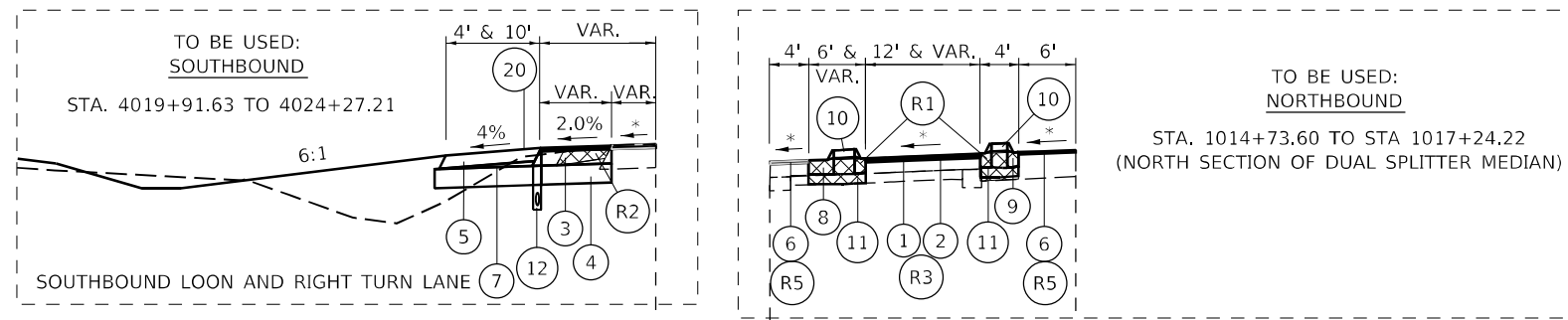
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|-------------------------|------------------------------|
| TYPICAL SECTIONS | |
| SCALE: | SHEET OF SHEETS STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 42 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

TYPICAL SECTIONS

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90
 - 2 HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90
 - 3 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
 - 4 PROCESSING LIME STABILIZED SOIL MIXTURE 12" & LIME
 - 5 HOT-MIX ASPHALT SHOULDERS, 8"
 - 6 HOT-MIX ASPHALT SHOULDERS (TONS)
 - 7 SUBBASE GRANULAR MATERIAL, TYPE C
 - 8 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
 - 9 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06
 - 10 CONCRETE MEDIAN SURFACE, 4 INCH
 - 11 SUBBASE GRANULAR MATERIAL, TYPE A (TONS)
 - 12 PIPE UNDERDRAINS, TYPE 2, 4"
 - 13 LONGITUDINAL JOINT SEALANT
 - 14 STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - 15 CONCRETE GUTTER, TYPE B
 - 16 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - 17 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90
 - 18 AGGREGATE BASE COURSE, TYPE A 8"
 - 19 AGGREGATE SURFACE COURSE, TYPE A 8"
 - 20 SHOULDER RUMBLE STRIPS, 16 INCH
-
- R1 PAVEMENT REMOVAL
 - R2 PAVED SHOULDER REMOVAL
 - R3 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - R4 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4"
 - R5 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - R6 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
 - R7 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - R8 MEDIAN REMOVAL
 - R9 CONCRETE BARRIER REMOVAL



— REMOVAL

* - MATCH EXISTING CROSS-SLOPE
** - PROJECT EXISTING GRADE TO PROP. EOP

NOTES: 1. REFER TO GEOMETRIC SHEETS FOR TURN LANE / MEDIAN STATIONING
2. CURB AND GUTTER ON HIGH SIDE OF PAVEMENT TO BE CONSTRUCTED AS SPILL CURB

| | | |
|--|-------------------|------------------------------|
| STRUCTURAL DESIGN TRAFFIC: | Year | 2029 |
| PV = | 8,914 | SU = 371 MU = 310 |
| ROAD/STREET CLASSIFICATION: | Class | 1 |
| PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: | | |
| P = | 0.32 | S = 0.45 M = 0.45 |
| TRAFFIC FACTOR: | Actual TF = 1.80 | AC Type = |
| | Minimum TF = 3.56 | |
| PG GRADE: | Binder = 64-22 | Surface = 64-22 |
| SUBGRADE SUPPORT RATING: | | |
| SSR = | POOR | (Sta. 1002+00 to 1074+66.71) |
| SSR = | POOR | (Sta. 4005+00 to 4067+00) |

MODEL: Typical 10 scale
FILE NAME: \\p11m100001.dwg
PROJECT: 78660-CADD\DATA\CADD\PROJECTS\0778660-SUB-TYP-SEC-TYP-CROSS-SECTIONS.dwg

| | | |
|------------------------------|------------|-----------|
| USER NAME = fowler | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 20,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

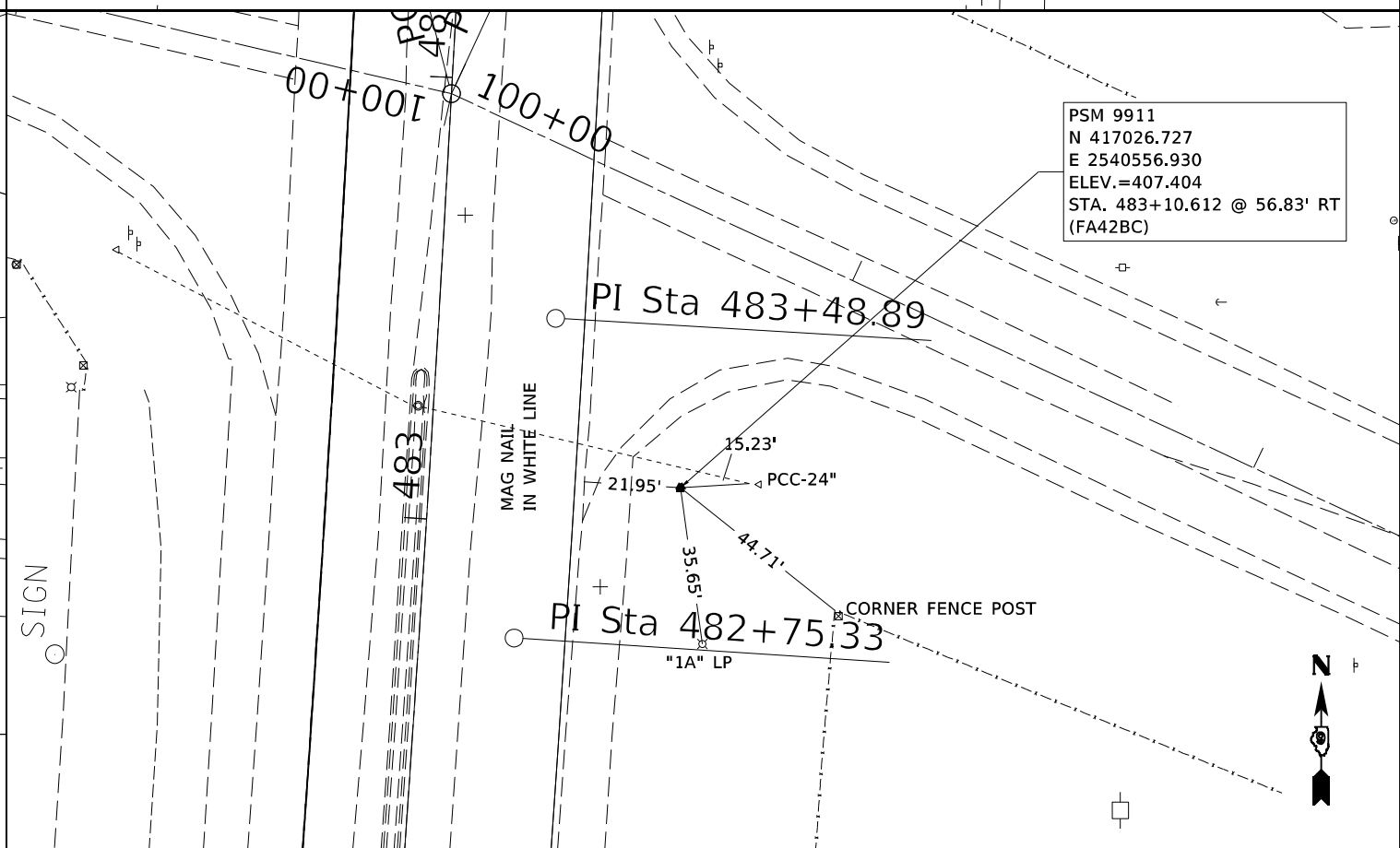
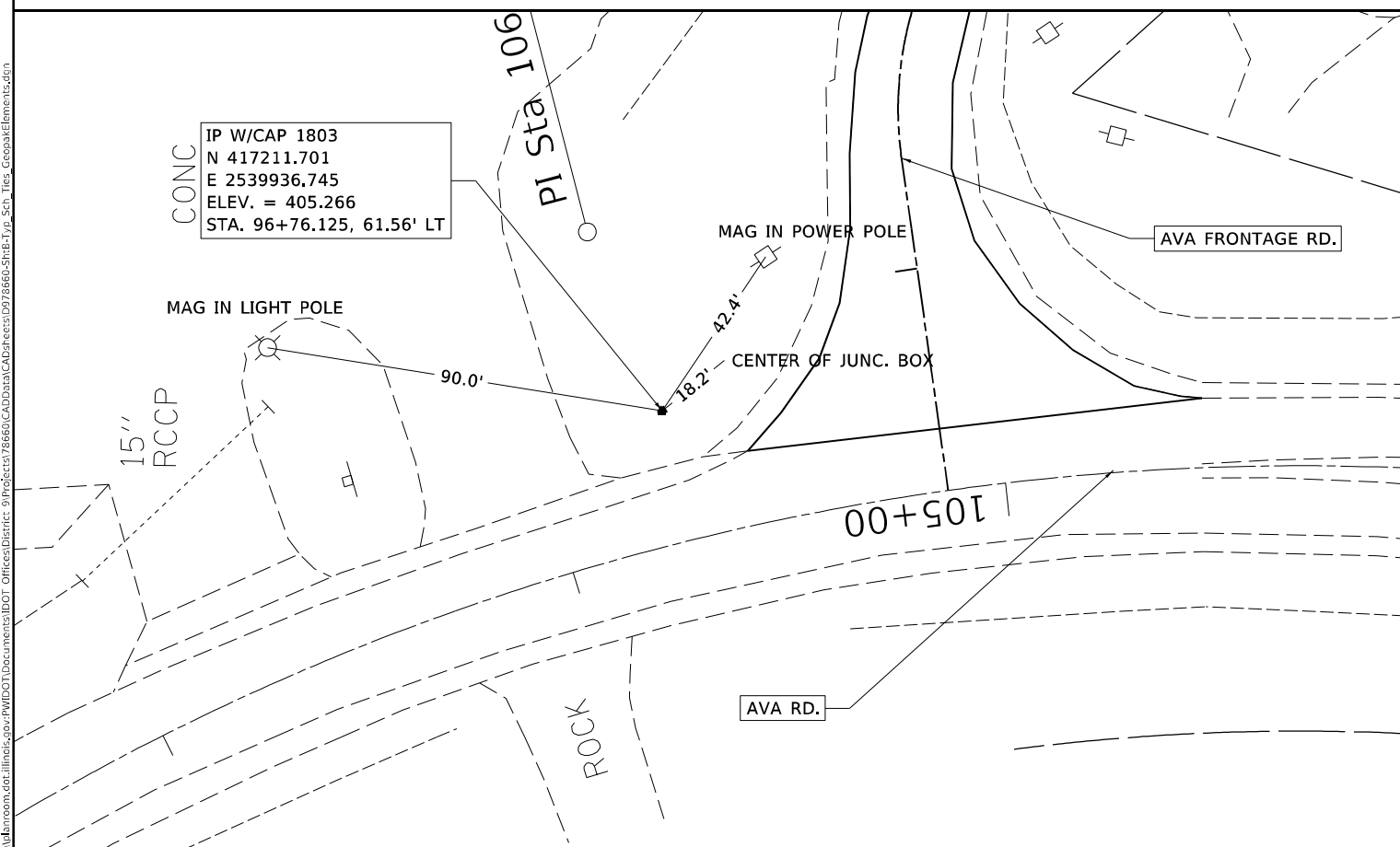
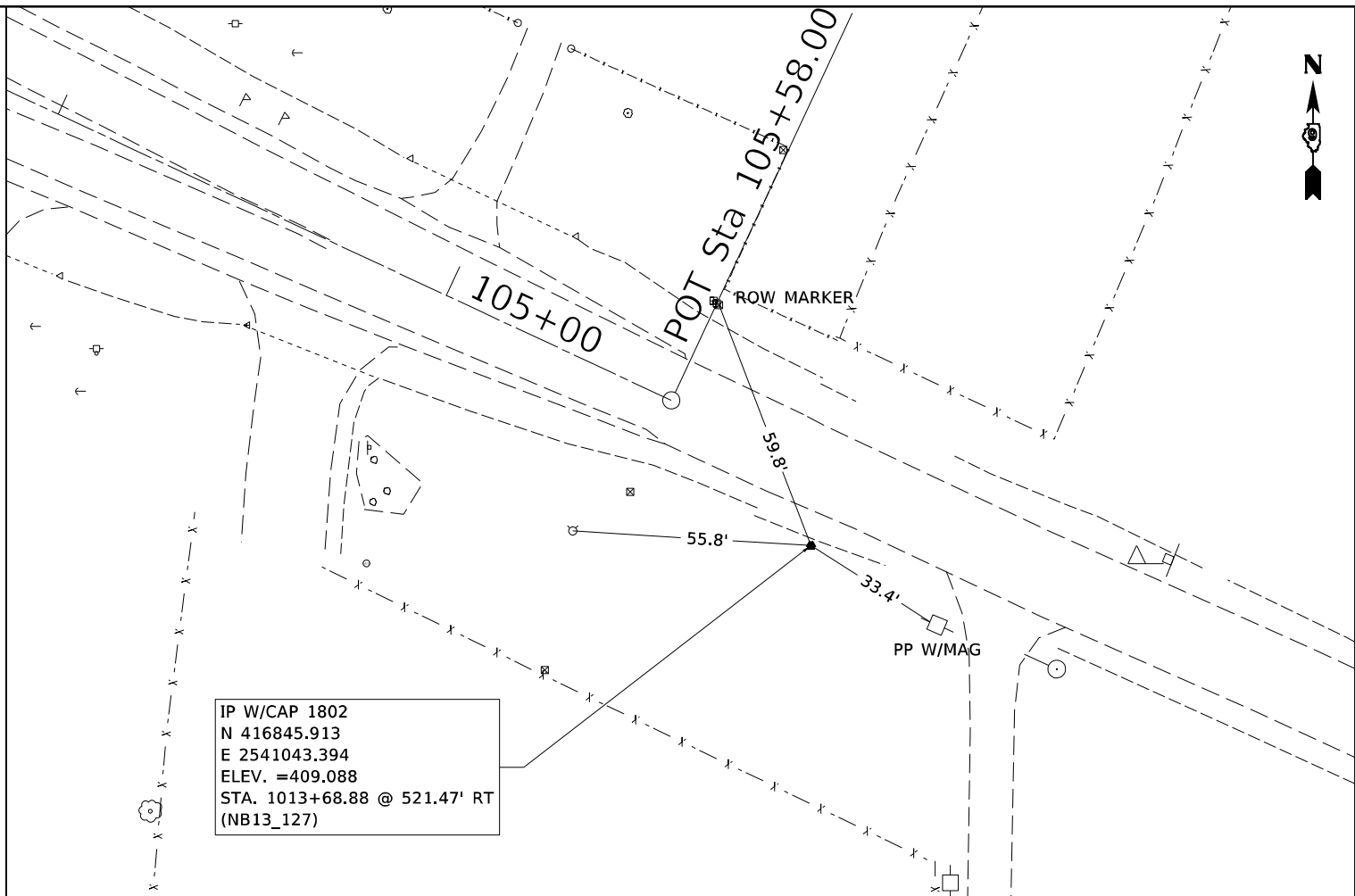
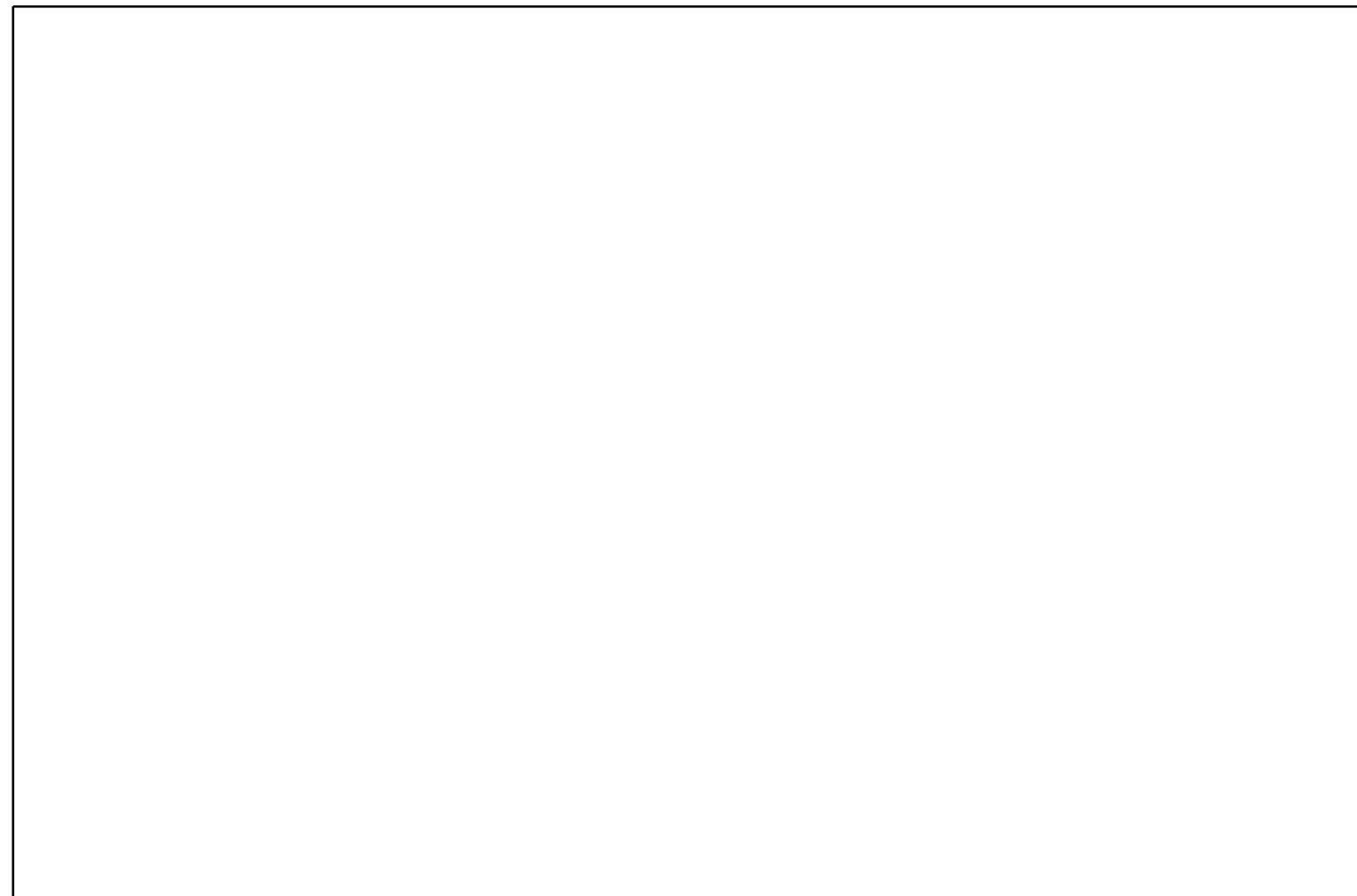
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1.(13-1)N-2 | JACKSON | 347 | 44 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

MODEL: TIE POINTS (20 scale)
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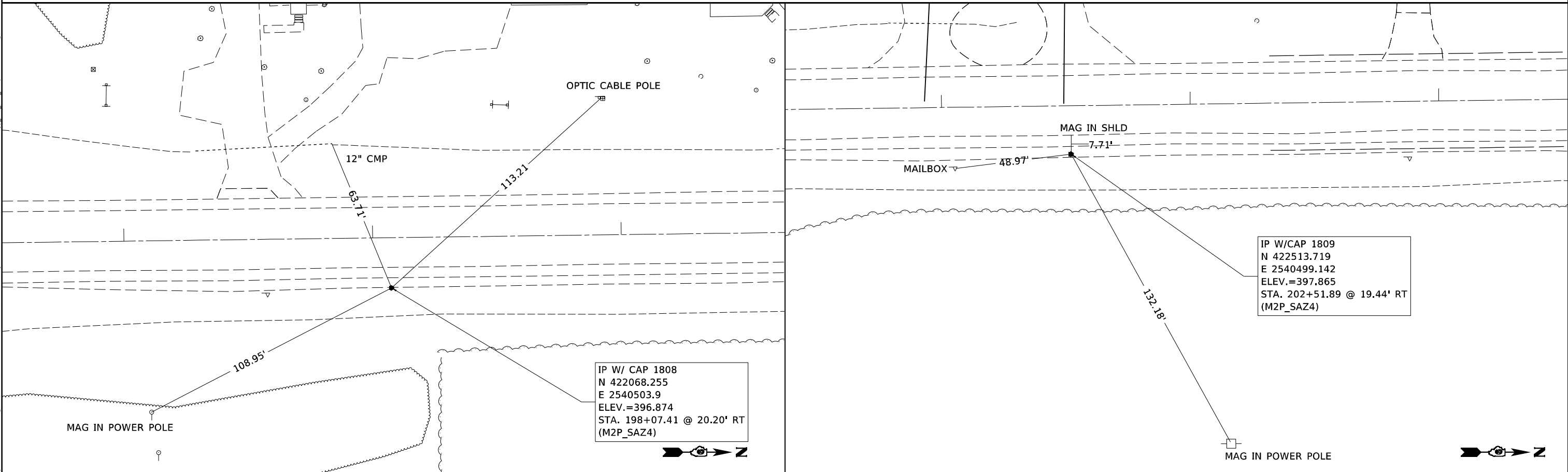
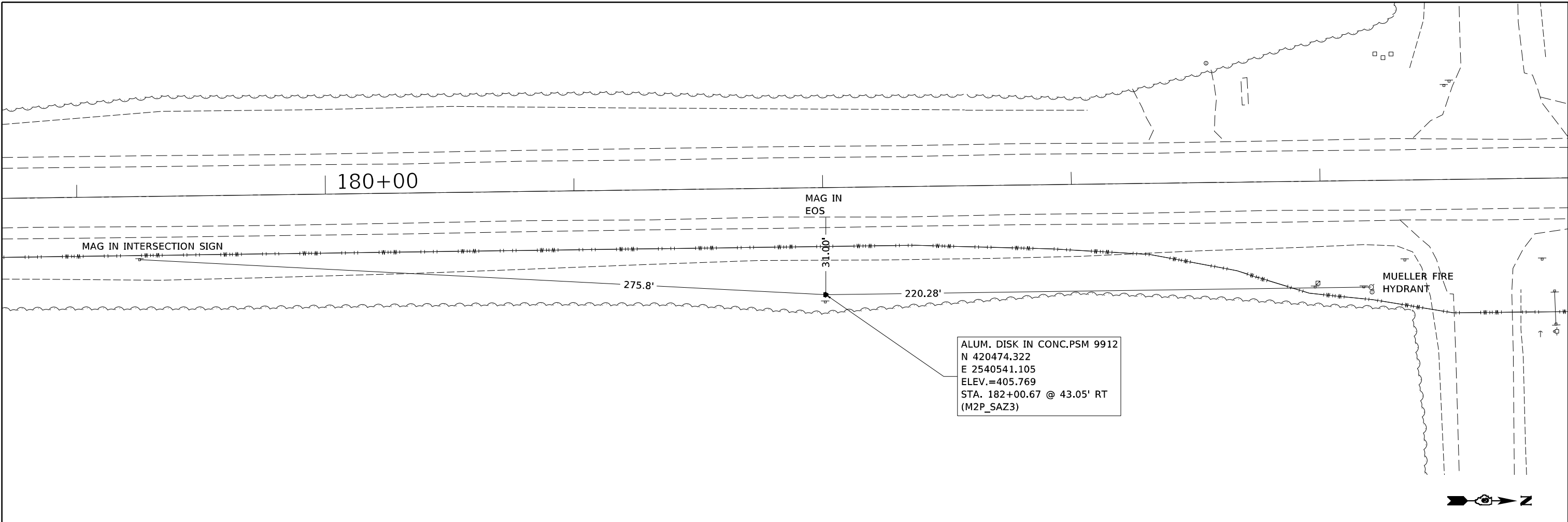
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|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| DRAWN - | REVISED - | |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|-------------------------|------------------------------|
| TIE POINTS SHEET | |
| SCALE: | SHEET OF SHEETS STA. TO STA. |

| | | | | |
|--------------------|-----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 51 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS | | FED. AID PROJECT | | |





MODEL TIE POINTS (20 scale)
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| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

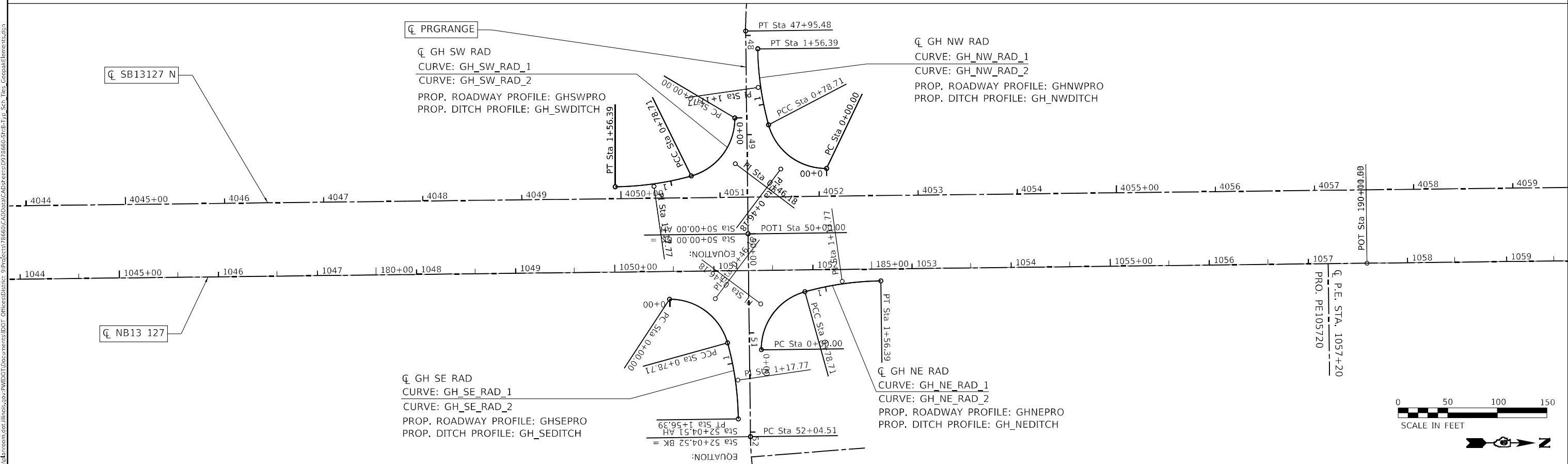
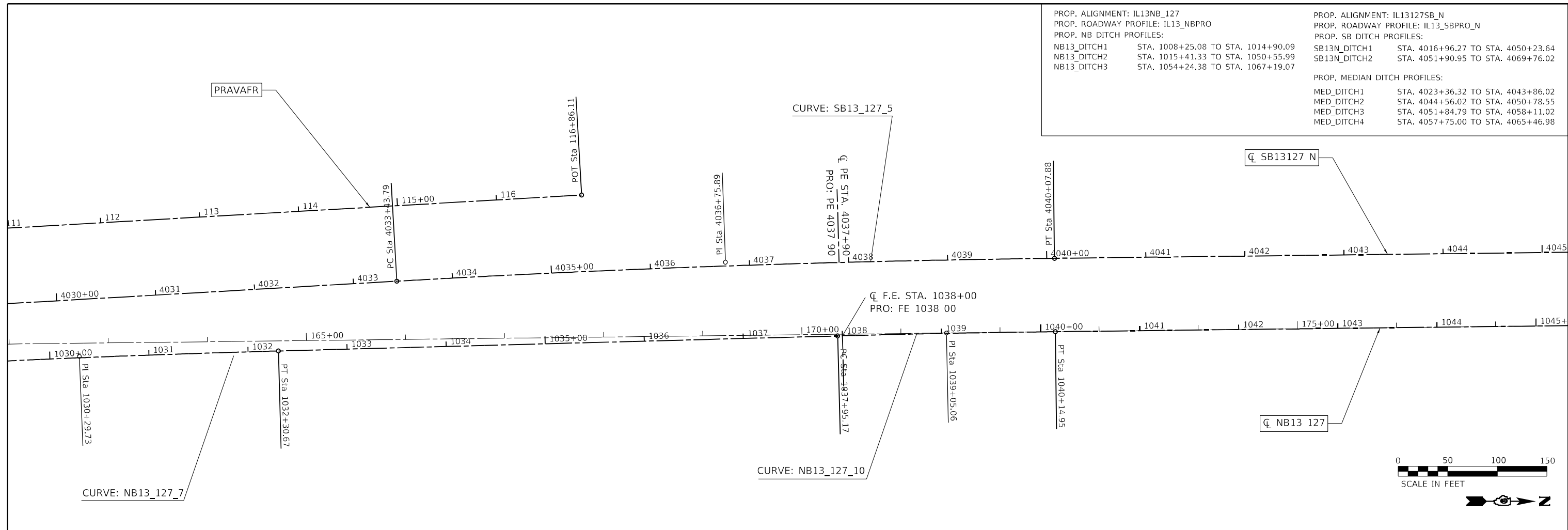
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|-------------------------|-------|----|--------|---------|
| TIE POINTS SHEET | | | | |
| SCALE: | SHEET | OF | SHEETS | STA. |
| | | | | TO STA. |

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 53 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PROP. ALIGNMENT: IL13NB_127
 PROP. ROADWAY PROFILE: IL13_NBPRO
 PROP. NB DITCH PROFILES:
 NB13_DITCH1 STA. 1008+25.08 TO STA. 1014+90.09
 NB13_DITCH2 STA. 1015+41.33 TO STA. 1050+55.99
 NB13_DITCH3 STA. 1054+24.38 TO STA. 1067+19.07

PROP. ALIGNMENT: IL13127SB_N
 PROP. ROADWAY PROFILE: IL13_SBPRO_N
 PROP. SB DITCH PROFILES:
 SB13N_DITCH1 STA. 4016+96.27 TO STA. 4050+23.64
 SB13N_DITCH2 STA. 4051+90.95 TO STA. 4069+76.02

PROP. MEDIAN DITCH PROFILES:
 MED_DITCH1 STA. 4023+36.32 TO STA. 4043+86.02
 MED_DITCH2 STA. 4044+56.02 TO STA. 4050+78.55
 MED_DITCH3 STA. 4051+84.79 TO STA. 4058+11.02
 MED_DITCH4 STA. 4057+75.00 TO STA. 4065+46.98



MODEL: Default
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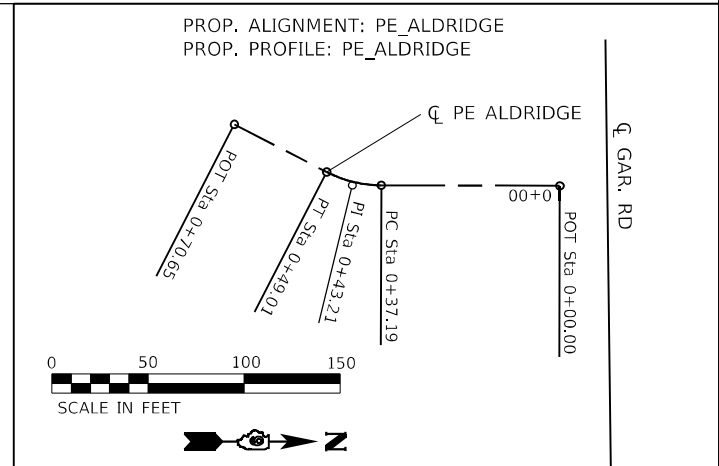
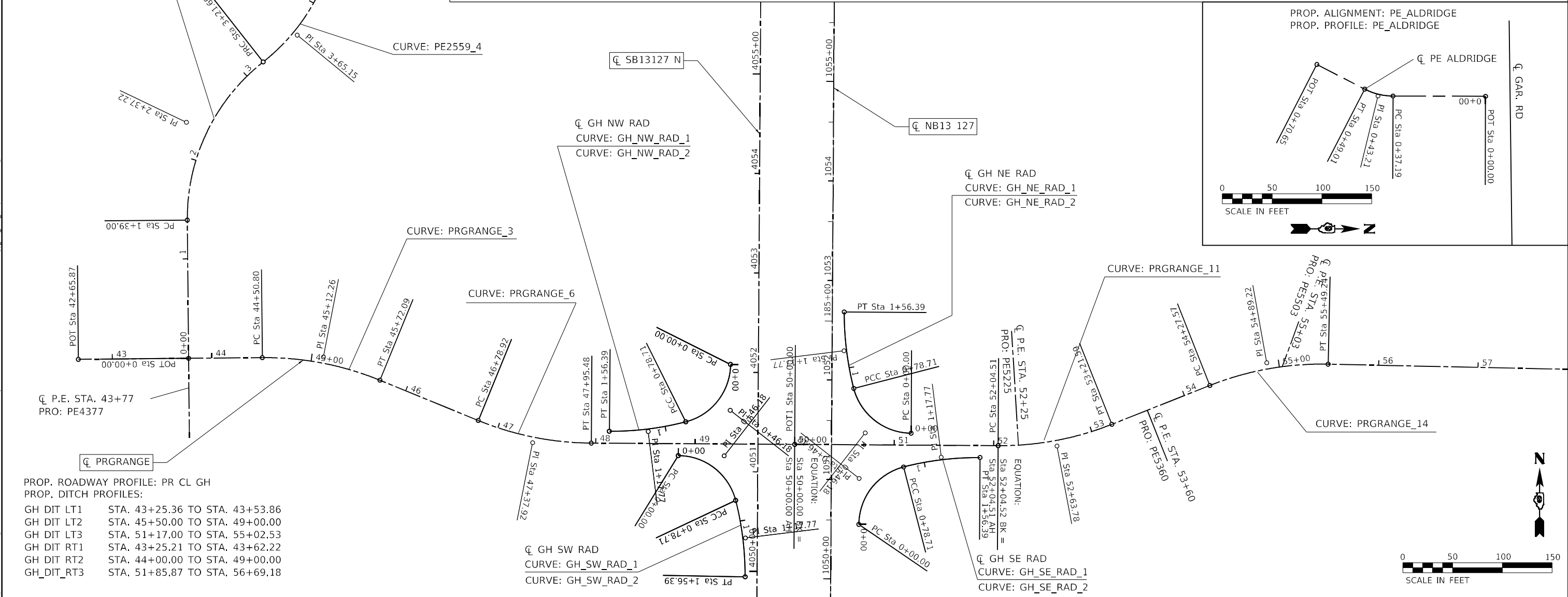
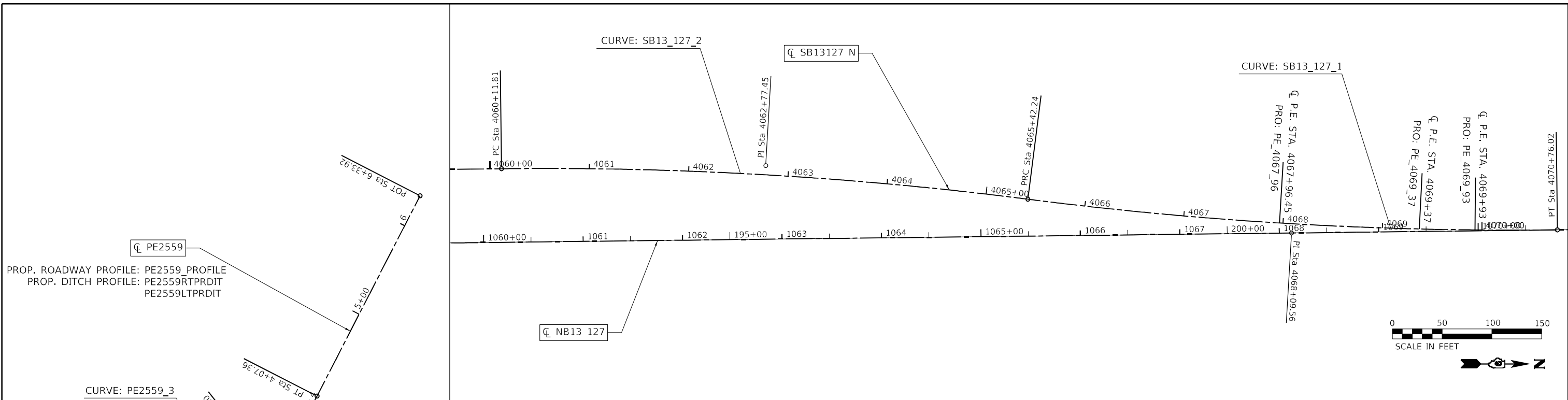
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|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| DRAWN - | REVISOR - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISOR - |
| PLOT DATE = 10/13/2020 | DATE - | REVISOR - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOPAK ELEMENT IDENTIFICATION SHEET

| | | | | |
|--------------------|-----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 56 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS | | FED. AID PROJECT | | |

SCALE: SHEET OF SHEETS STA. TO STA.



PROP. ROADWAY PROFILE: PE2559_PROFILE
 PROP. DITCH PROFILE: PE2559RTPRDIT
 PE2559LTPRDIT

PROP. ROADWAY PROFILE: PR CL GH
 PROP. DITCH PROFILES:

| | |
|------------|--------------------------------|
| GH DIT LT1 | STA. 43+25.36 TO STA. 43+53.86 |
| GH DIT LT2 | STA. 45+50.00 TO STA. 49+00.00 |
| GH DIT LT3 | STA. 51+17.00 TO STA. 55+02.53 |
| GH DIT RT1 | STA. 43+25.21 TO STA. 43+62.22 |
| GH DIT RT2 | STA. 44+00.00 TO STA. 49+00.00 |
| GH_DIT_RT3 | STA. 51+85.87 TO STA. 56+69.18 |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GEOPAK ELEMENT IDENTIFICATION SHEET

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/4/2021 | DATE - | REVISED - |

| | | | | | | |
|--------|-------|----|--------|------|----|------|
| SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. |
|--------|-------|----|--------|------|----|------|

| | | | | |
|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 57 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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 PLOT SCALE: 100,0000' / in.
 USER: greenleesm
 PROJECT: 78660-CADD\DATA\CAD\PROJECTS\0778660-SB13-127-Sch_Ties_GeopakElements.dwg

PROP. CURVE AVA_N_RAD_1
 PI STA. = 0+52.51
 $\Delta = 82^\circ 23' 12''$ (RT)
 $D = 95^\circ 29' 35''$
 $R = 60.00'$
 $T = 52.51'$
 $L = 86.28'$
 $E = 19.74'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 0+86.28

PROP. CURVE AVA_N_RAD_2
 PI STA. = 1+34.31
 $\Delta = 18^\circ 11' 42''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 48.04'$
 $L = 95.27'$
 $E = 3.82'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+86.28
 P.T. STA. = 1+81.54

PROP. CURVE AVA_S_RAD_1
 PI STA. = 0+71.72
 $\Delta = 63^\circ 54' 11''$ (RT)
 $D = 49^\circ 49' 21''$
 $R = 115.00'$
 $T = 71.72'$
 $L = 128.26'$
 $E = 20.53'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 1+28.26

PROP. CURVE AVA_S_RAD_2
 PI STA. = 1+72.86
 $\Delta = 16^\circ 54' 40''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 44.60'$
 $L = 88.55'$
 $E = 3.30'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 1+28.26
 P.T. STA. = 2+16.81

PROP. CURVE KB_S_RAD_2
 PI STA. = 0+42.80
 $\Delta = 93^\circ 51' 53''$ (RT)
 $D = 143^\circ 14' 22''$
 $R = 40.00'$
 $T = 42.79'$
 $L = 65.53'$
 $E = 18.58'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 0+65.53

PROP. CURVE KB_S_RAD_3
 PI STA. = 1+11.64
 $\Delta = 17^\circ 28' 31''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 46.11'$
 $L = 91.50'$
 $E = 3.52'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+65.53
 P.T. STA. = 1+57.04

PROP. CURVE KB_N_RAD_1
 PI STA. = 0+54.25
 $\Delta = 50^\circ 30' 47''$ (RT)
 $D = 49^\circ 49' 21''$
 $R = 115.00'$
 $T = 54.25'$
 $L = 101.39'$
 $E = 12.16'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 1+01.39

PROP. CURVE KB_N_RAD_2
 PI STA. = 1+45.98
 $\Delta = 16^\circ 54' 40''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 44.60'$
 $L = 88.55'$
 $E = 3.30'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 1+01.39
 P.T. STA. = 1+89.93

PROP. CURVE GH_SW_RAD_1
 PI STA. = 0+46.18
 $\Delta = 75^\circ 09' 54''$ (RT)
 $D = 95^\circ 29' 35''$
 $R = 60.00'$
 $T = 46.18'$
 $L = 78.71'$
 $E = 15.71'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 0+78.71

PROP. CURVE GH_SW_RAD_2
 PI STA. = 1+17.77
 $\Delta = 14^\circ 50' 06''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 39.06'$
 $L = 77.68'$
 $E = 2.53'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+78.71
 P.T. STA. = 1+56.39

PROP. CURVE GH_NW_RAD_1
 PI STA. = 0+46.18
 $\Delta = 75^\circ 09' 54''$ (RT)
 $D = 95^\circ 29' 35''$
 $R = 60.00'$
 $T = 46.18'$
 $L = 78.71'$
 $E = 15.71'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 0+78.71

PROP. CURVE GH_NW_RAD_2
 PI STA. = 1+17.77
 $\Delta = 14^\circ 50' 06''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 39.06'$
 $L = 77.68'$
 $E = 2.53'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+78.71
 P.T. STA. = 1+56.39

PROP. CURVE GH_SE_RAD_1
 PI STA. = 0+46.18
 $\Delta = 75^\circ 09' 54''$ (RT)
 $D = 95^\circ 29' 35''$
 $R = 60.00'$
 $T = 46.18'$
 $L = 78.71'$
 $E = 15.71'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 0+78.71

PROP. CURVE GH_SE_RAD_2
 PI STA. = 1+17.77
 $\Delta = 14^\circ 50' 06''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 39.06'$
 $L = 77.68'$
 $E = 2.53'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+78.71
 P.T. STA. = 1+56.39

PROP. CURVE GH_NE_RAD_1
 PI STA. = 0+46.18
 $\Delta = 75^\circ 09' 54''$ (RT)
 $D = 95^\circ 29' 35''$
 $R = 60.00'$
 $T = 46.18'$
 $L = 78.71'$
 $E = 15.71'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+00.00
 P.T. STA. = 0+78.71

PROP. CURVE GH_NE_RAD_2
 PI STA. = 1+17.77
 $\Delta = 14^\circ 50' 06''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 39.06'$
 $L = 77.68'$
 $E = 2.53'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+78.71
 P.T. STA. = 1+56.39

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| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

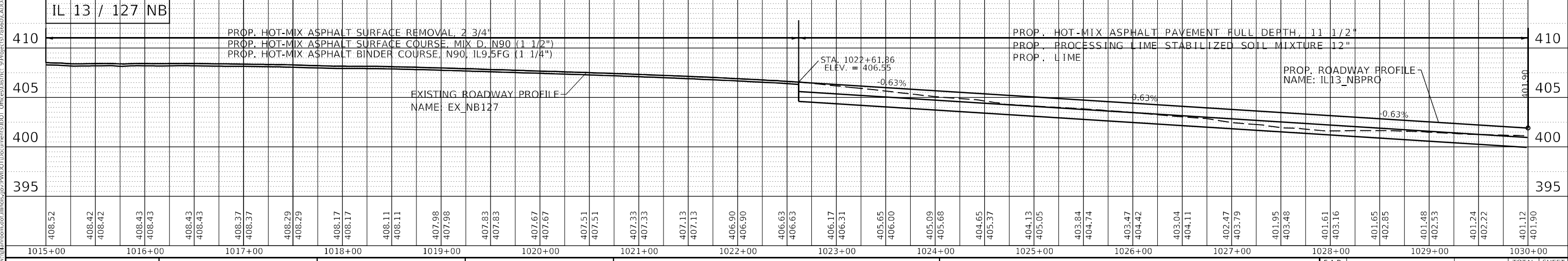
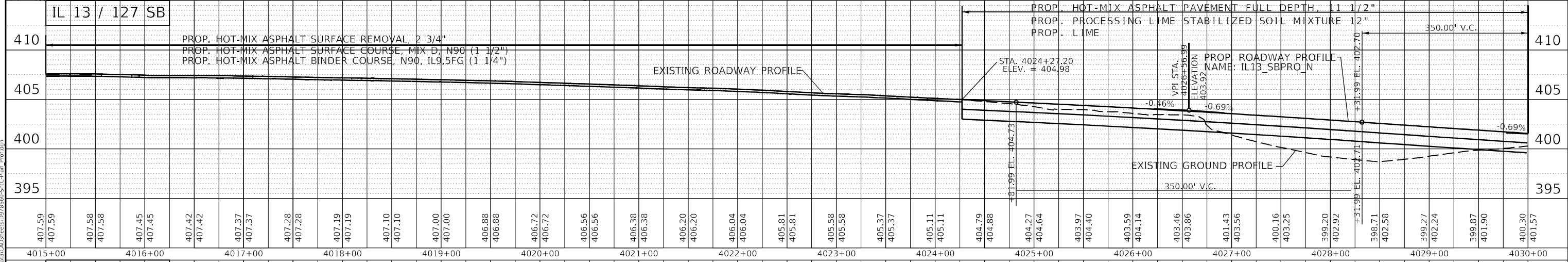
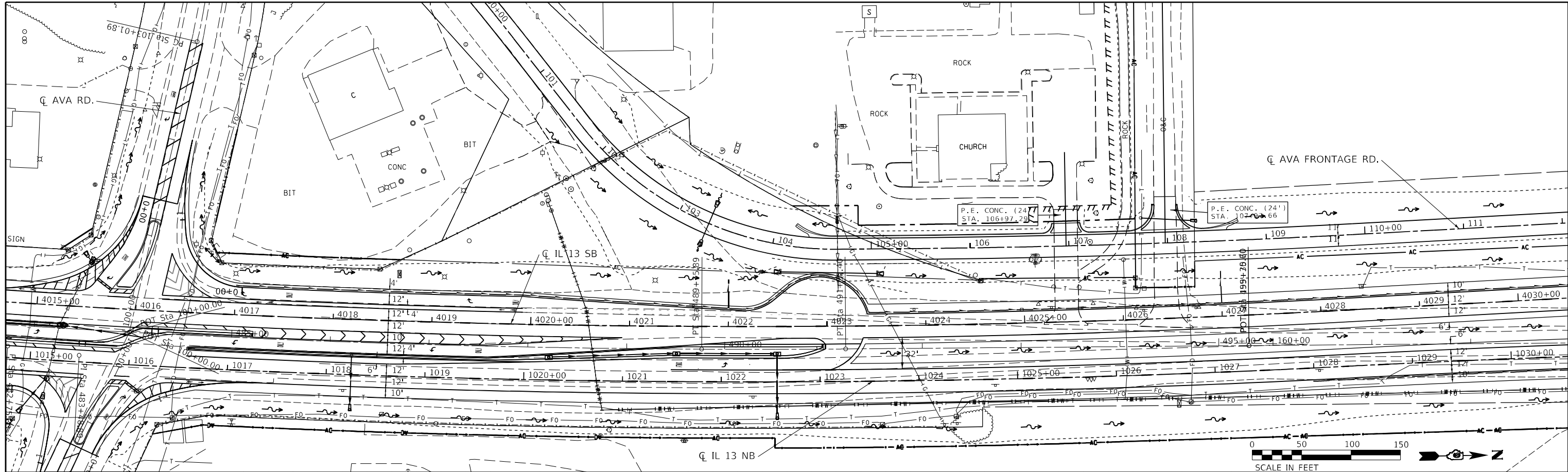
GEOPAK ELEMENT IDENTIFICATION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 59 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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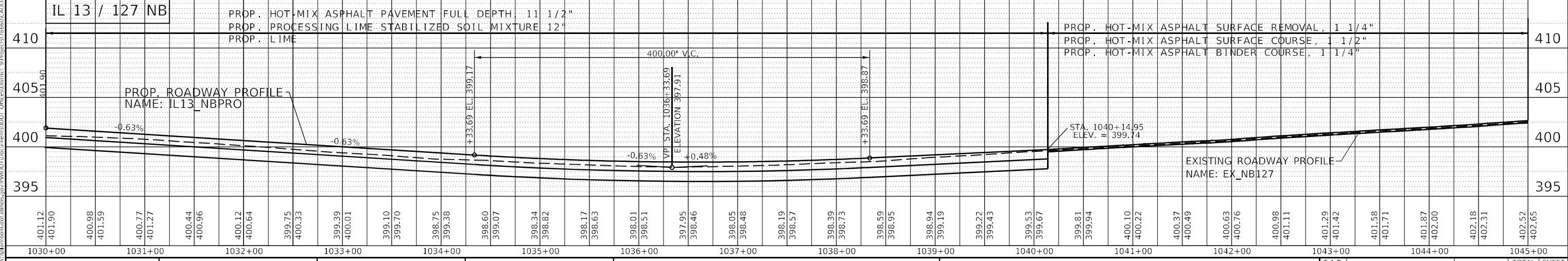
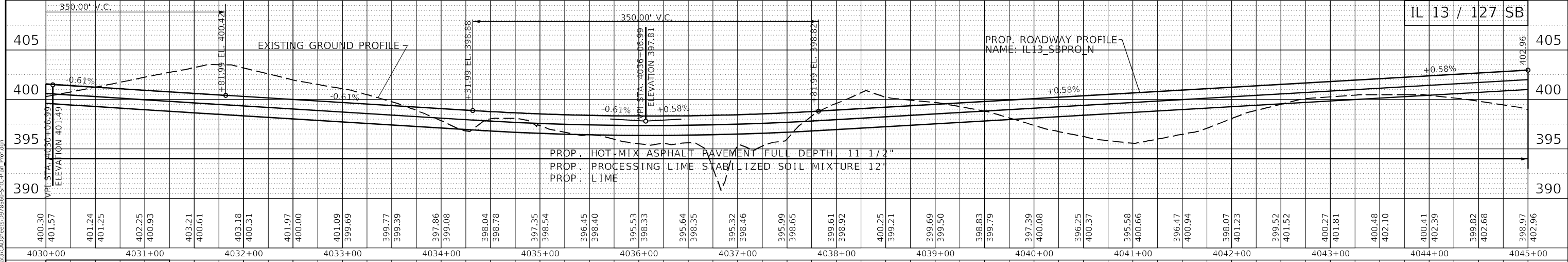
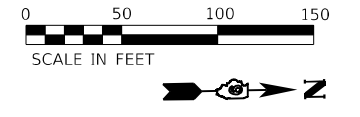
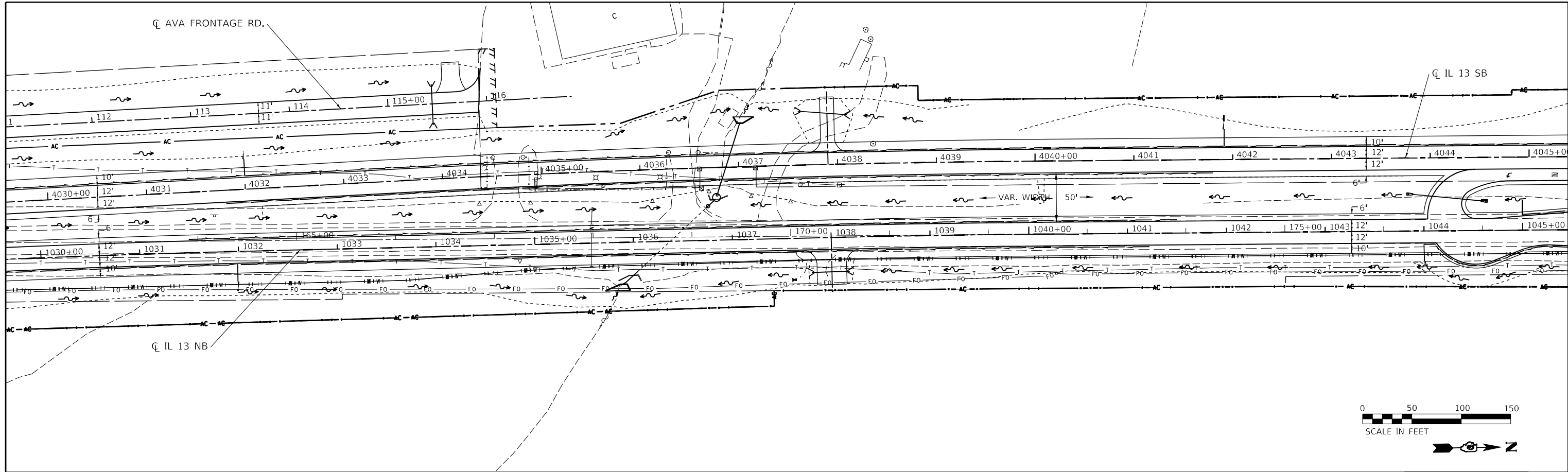
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|---------|-----------|
| DATE | |
| BY | |
| PROFILE | SURVEYED |
| | PLOTTED |
| | ALIGNED |
| | CHECKED |
| | GRADES |
| | NOTED |
| | FILE NAME |
| | NO. |



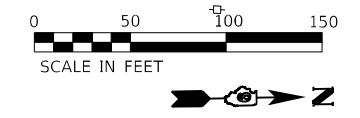
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| USER NAME = fowlera | | DESIGNED - | REVISIED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | | | PLAN PROFILE IL13NB & IL13SB_N | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 100,0000' / in. | | CHECKED - | REVISIED - | | | | | SCALE: SHEET OF SHEETS STA. TO STA. | | | | 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 61 |
| PLOT DATE = 10/13/2020 | | CHECKED - | REVISIED - | | | | | | | | | CONTRACT NO. 78660 | | | | ILLINOIS |

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

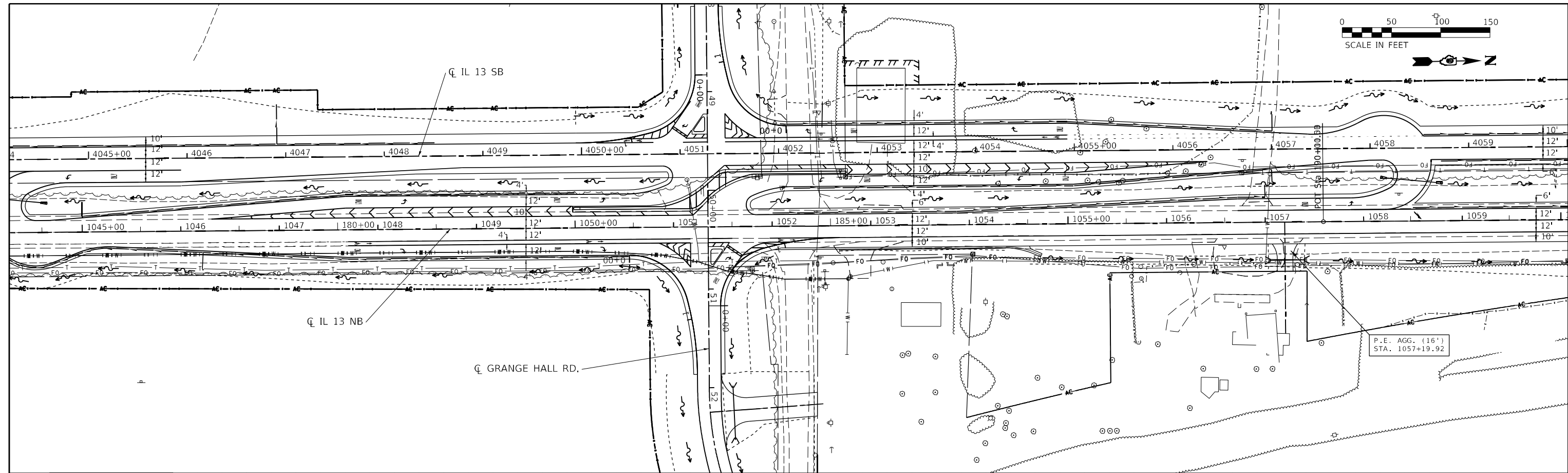
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| DATE | |
| BY | |
| PROFILE | SURVEYED |
| | PLOTTED |
| | GRADES CHECKED |
| | STRUCTURE NOTATIONS CHECKED |
| | NO. |
| | FILE NAME |
| | NO. |



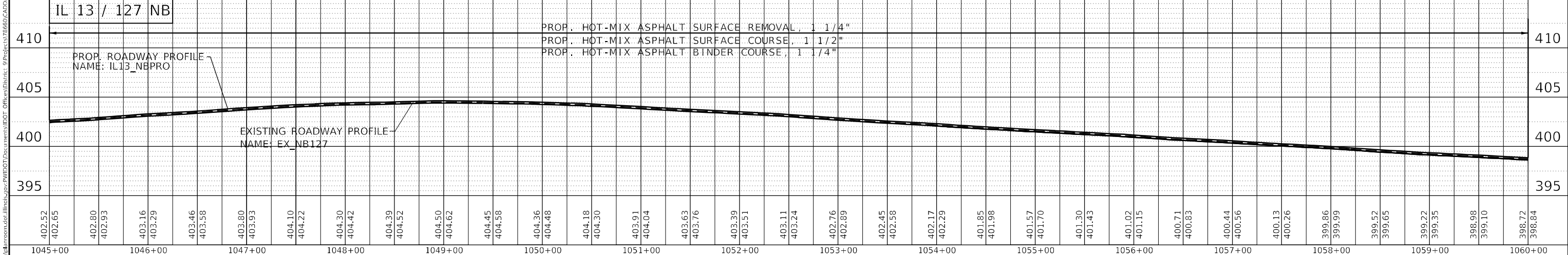
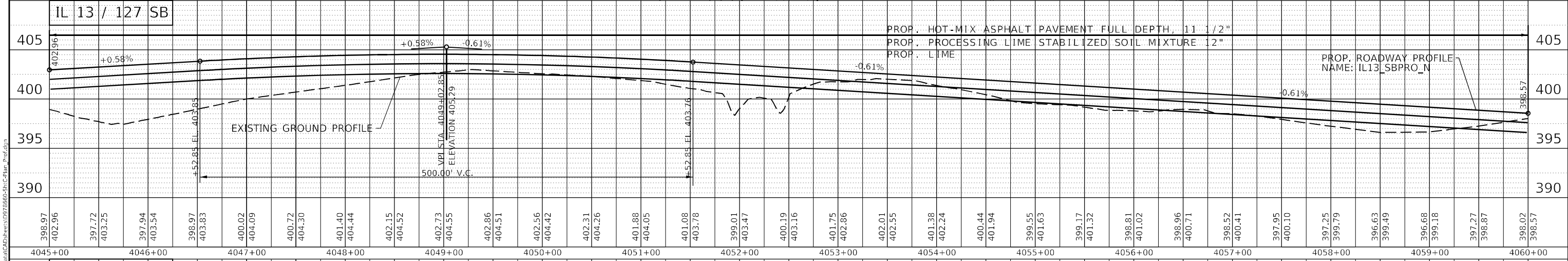
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| MODEL: Default | USER NAME = greenleesm | DESIGNED - | REVISD - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN PROFILE IL13NB & IL13SB_N | | | | F.A.P. RTE. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 62 |
| FILE NAME: p:\projects\78660\CAD\Drawings\Profile\IL13NB_Profile.dwg | PLOT SCALE = 100,0000' / in. | CHECKED - | REVISD - | | SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. | CONTRACT NO. 78660 | |
| | PLOT DATE = 2/4/2021 | DRAWN - | REVISD - | | ILLINOIS FED. AID PROJECT | | | | | | | | |
| | | CHECKED - | REVISD - | | | | | | | | | | |



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| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | ALIGNED | |
| | CHECKED | |
| | FILE NAME | |
| | NO. | |



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| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES | |
| | CHECKED | |
| | STRUCTURE | |
| | NOTATION | |
| | NO. | |



MODEL: Default
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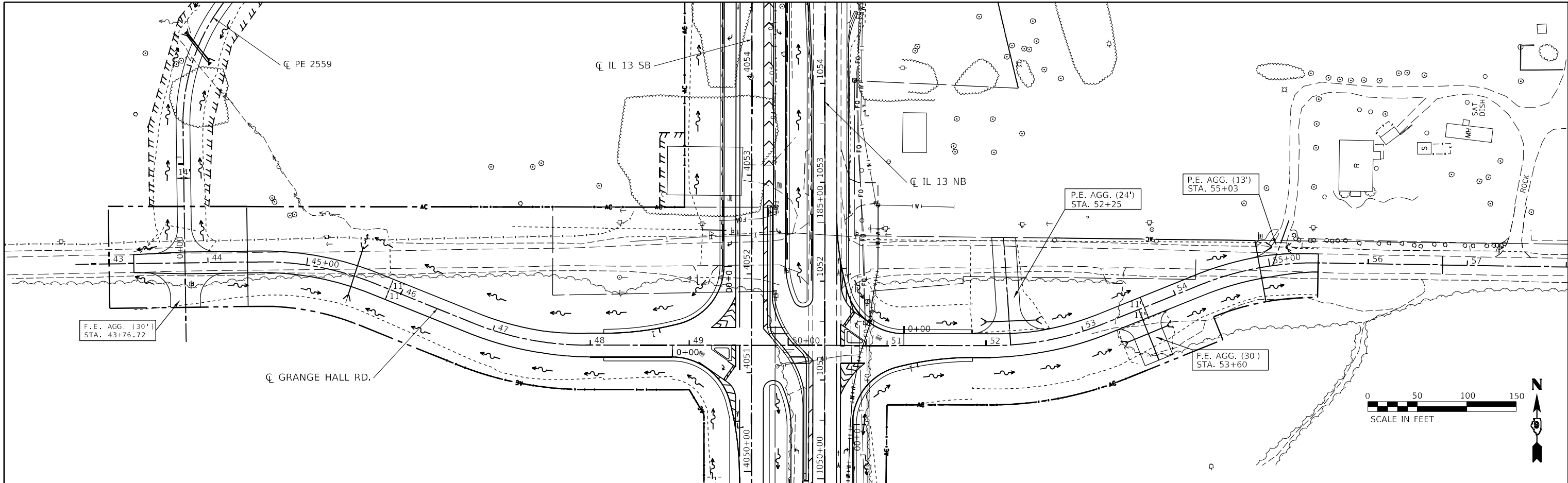
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| USER NAME = fowlera | DESIGNED - | REVISIONS |
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| | DRAWN - | REVISIONS |
| | CHECKED - | REVISIONS |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

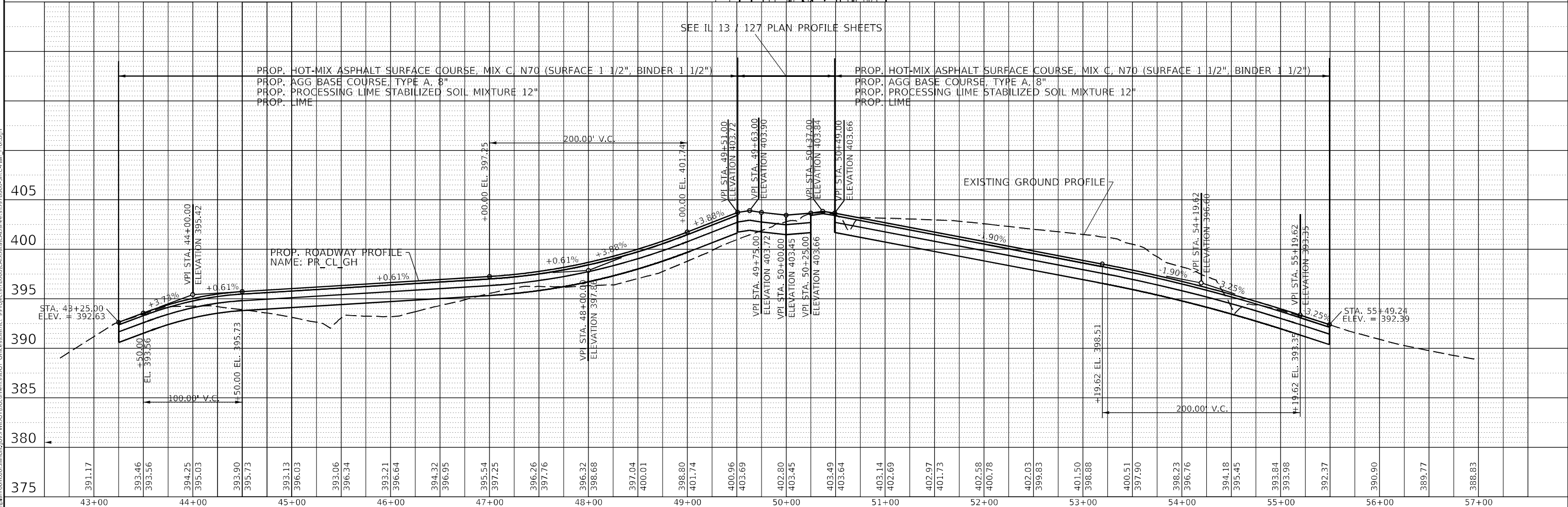
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| PLAN PROFILE | |
| IL13NB & IL13SB_N | |
| SCALE: | SHEET OF SHEETS STA. TO STA. |

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| F.A.P. R.T.E. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 63 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | ALIGNED | |
| | CHECKED | |
| | FILED | |
| | NO. | |
| | NO. | |
| | NO. | |



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| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES | |
| | CHECKED | |
| | STRUCTURE | |
| | NOTATIONS | |
| | NO. | |
| | NO. | |
| | NO. | |



MODEL: Default
 FILE NAME: p:\illinois\p\78660\Drawings\Profile\GrangeHallRd.dwg
 PROJECT: 78660\Drawings\Profile\GrangeHallRd.dwg

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|------------------------------|------------|-----------|
| USER NAME = greenleem | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/4/2021 | DATE - | REVISED - |

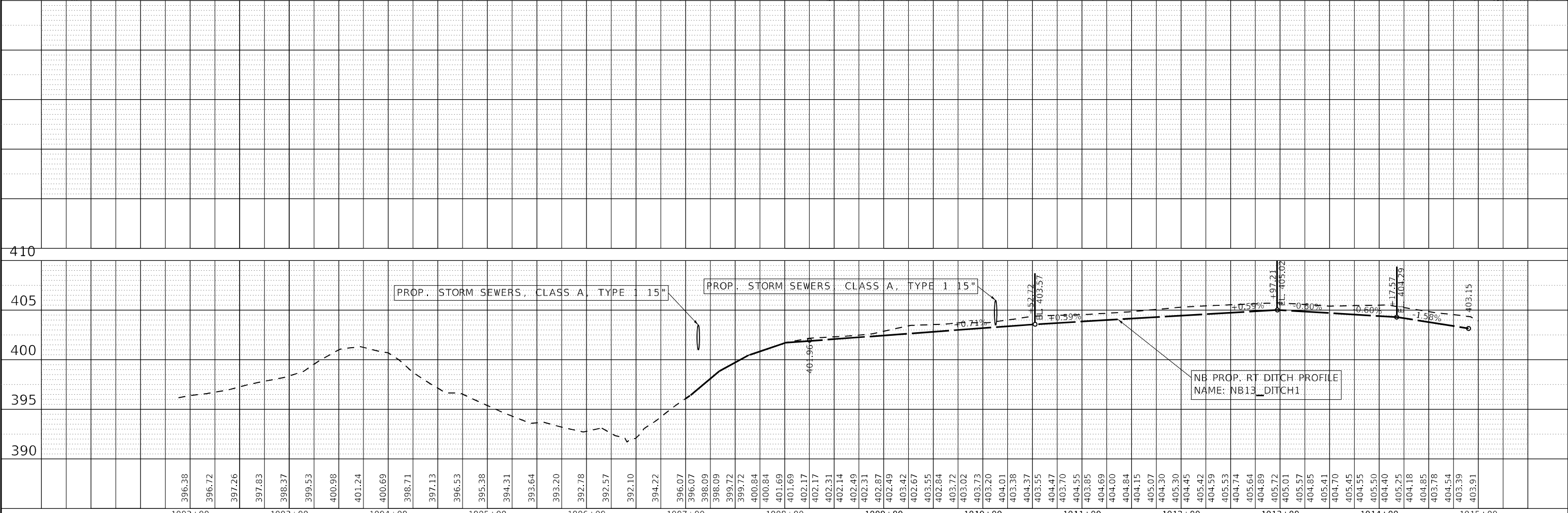
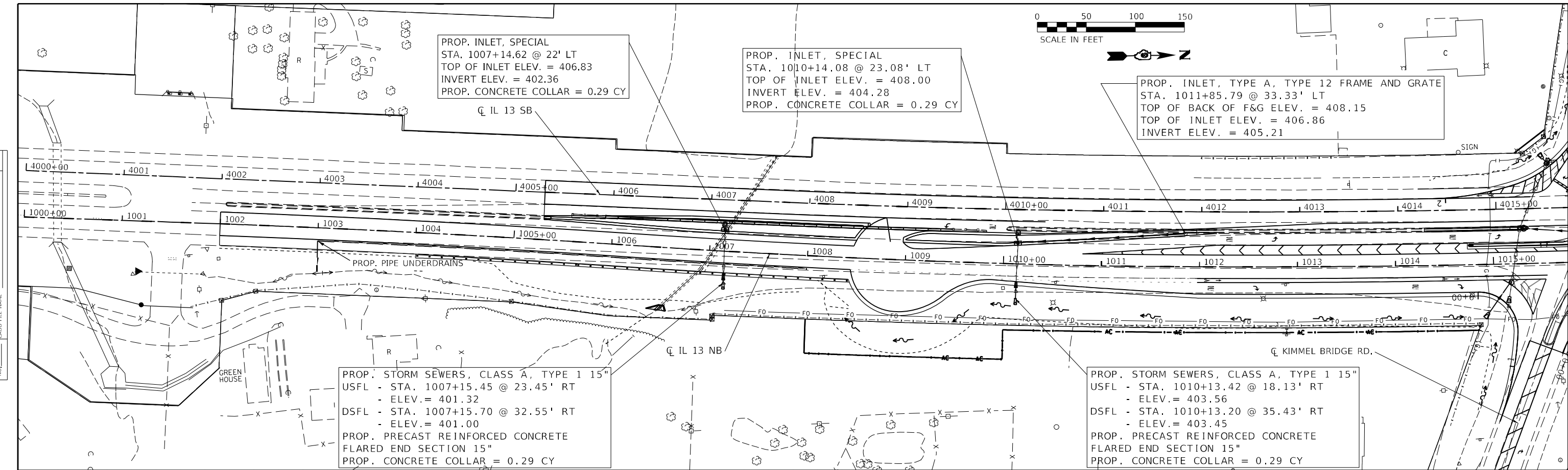
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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|------------------------|------------------------------|
| PLAN PROFILE | |
| GRANGE HALL RD. | |
| SCALE: | SHEET OF SHEETS STA. TO STA. |

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|---------------------------|-------------------------|----------------|------------------|--------------|
| F.A.P. RTE. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 66 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | ALIGNED | |
| | CHECKED | |
| | FILE NAME | |
| | NO. | |

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| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES | |
| | CHECKED | |
| | STRUCTURE | |
| | NOTATION | |
| | NO. | |

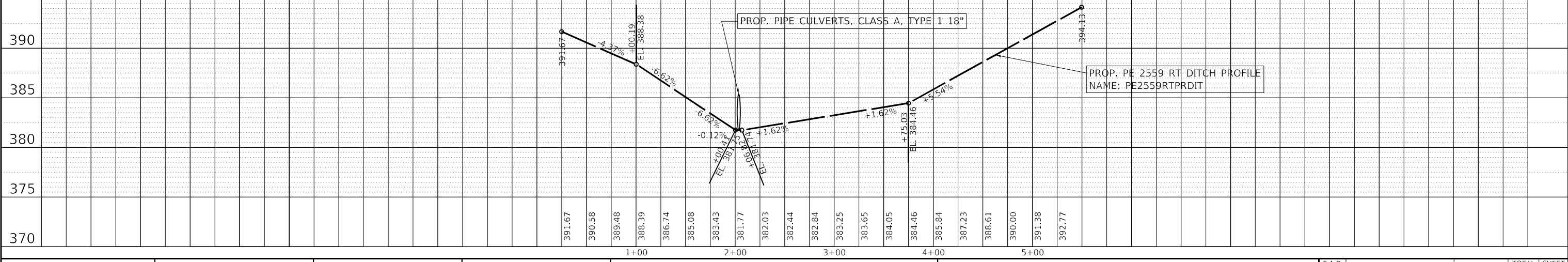
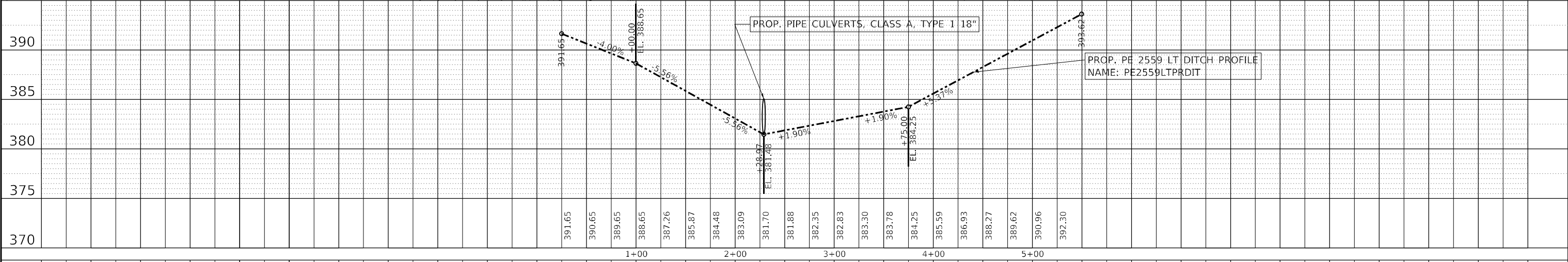
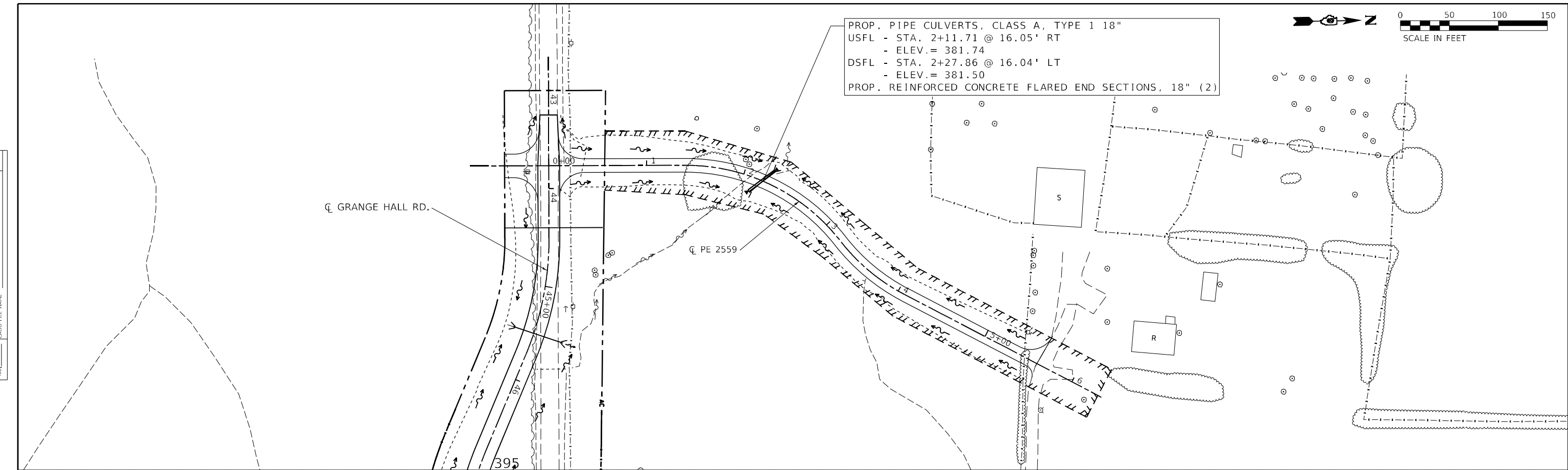


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| USER NAME = fowlera | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DITCH PROFILE IL13NB & IL13SB_N | | F.A.P. RTE. = 42 | SECTION = 13N-1,(13-1)N-2 | COUNTY = JACKSON | TOTAL SHEETS = 347 | SHEET NO. = 69 |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - | | SCALE: | SHEET OF SHEETS | STA. TO STA. | CONTRACT NO. 78660 | | | |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | |

MODEL: Default
FILE NAME: p:\projects\78660\CAD\Drawings\DWG\Drawings\1013-Ditch1.dwg

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| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | ALIGNED | |
| | CHECKED | |
| | BY | |
| | NO. | |
| | FILE NAME | |

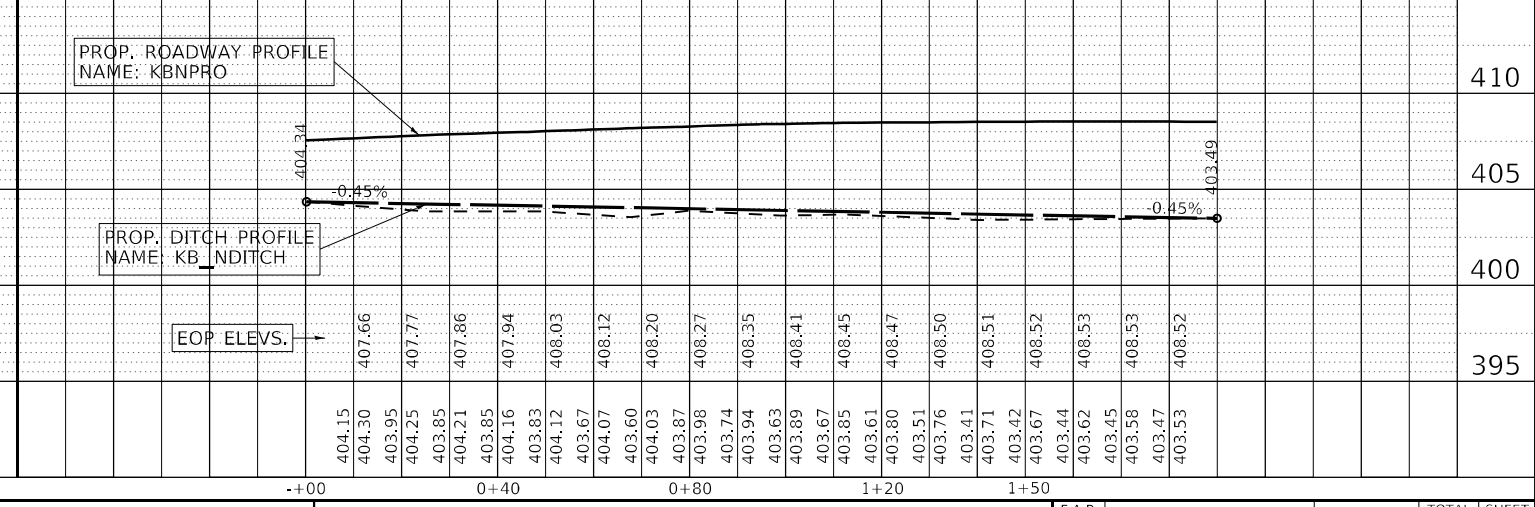
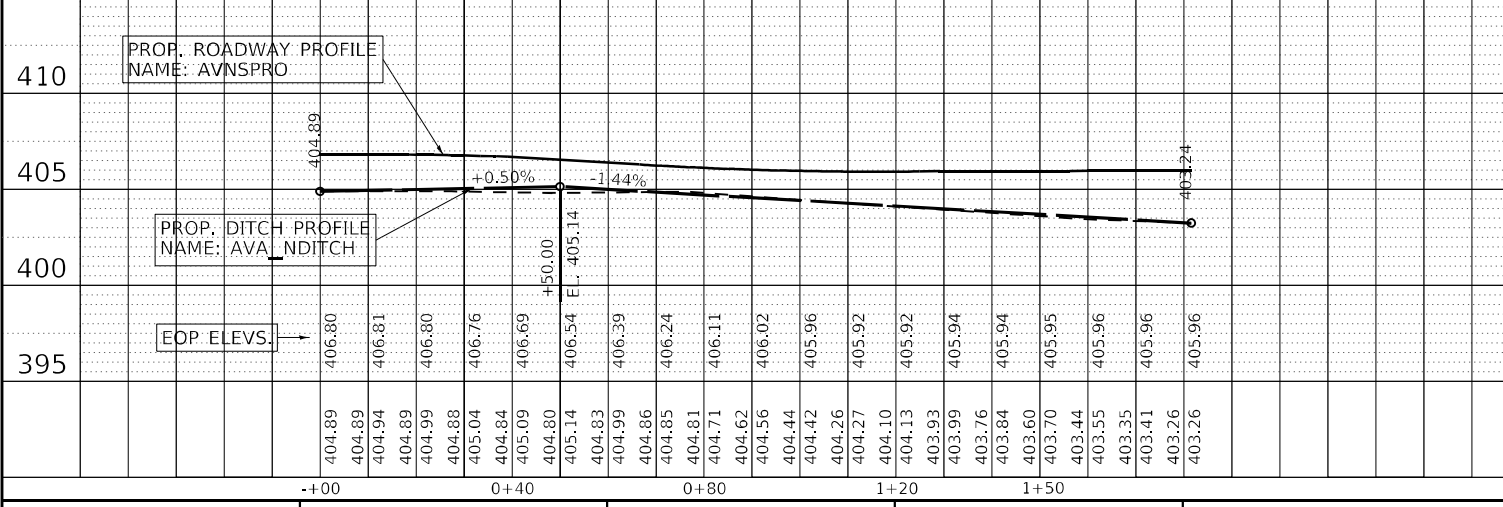
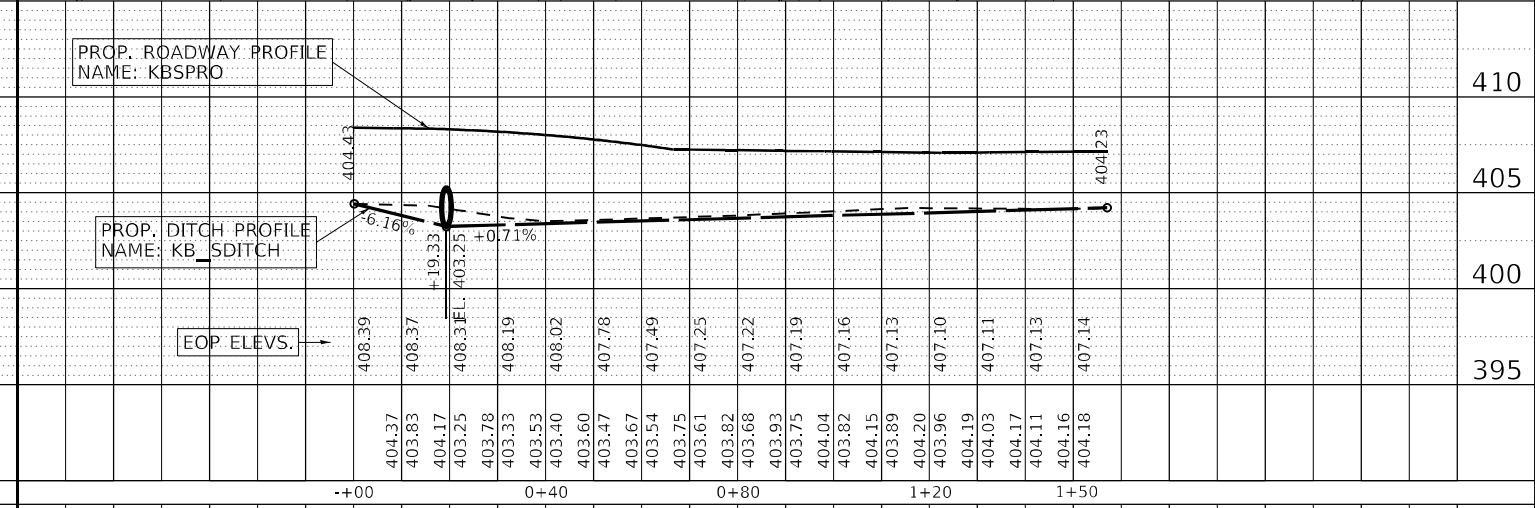
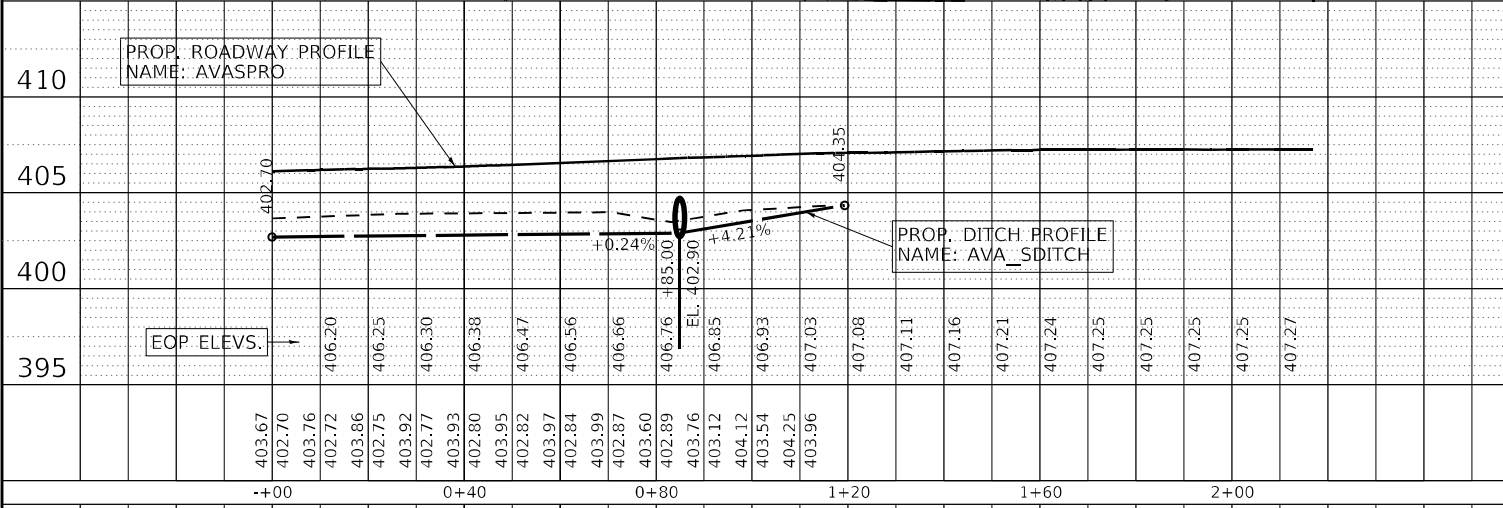
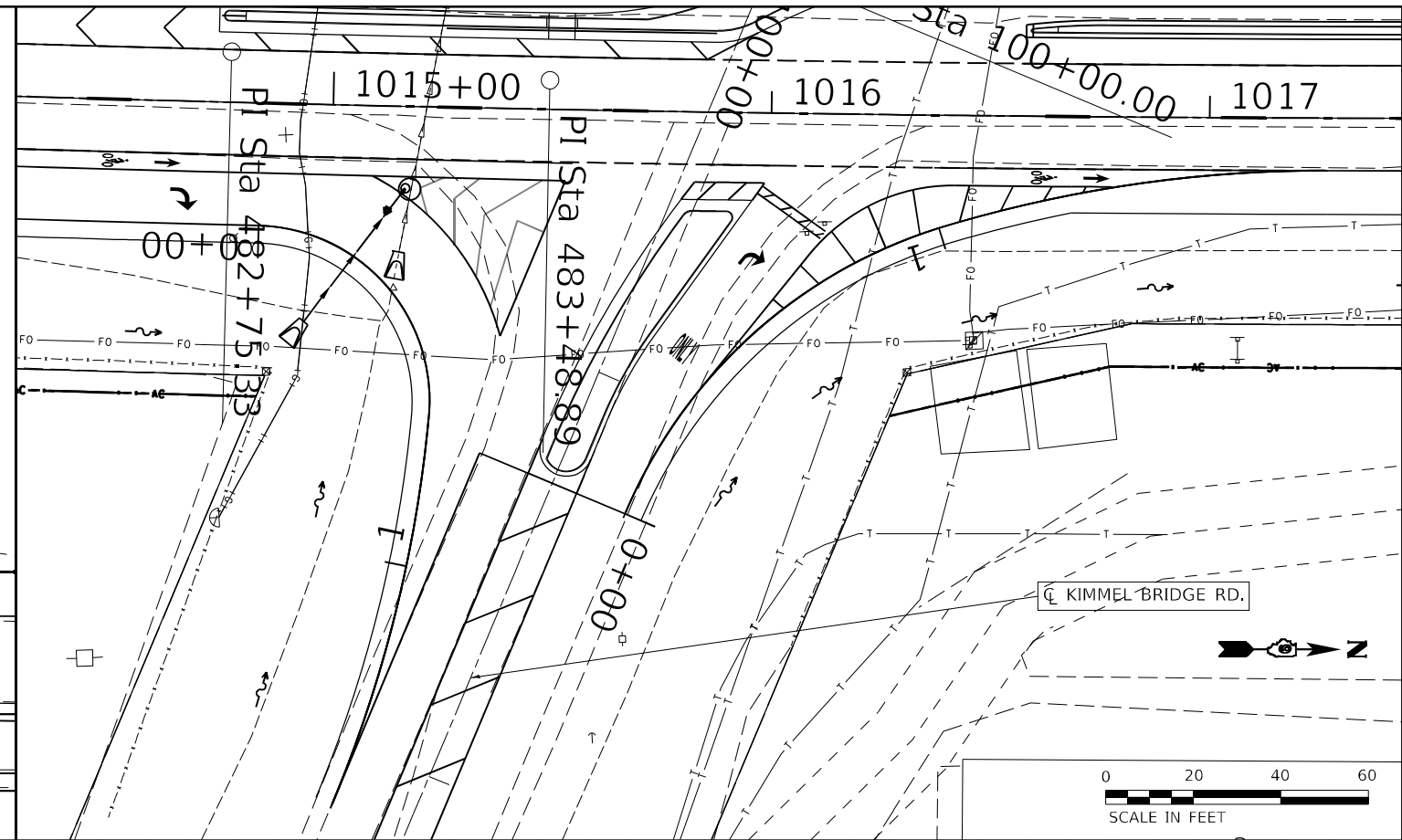
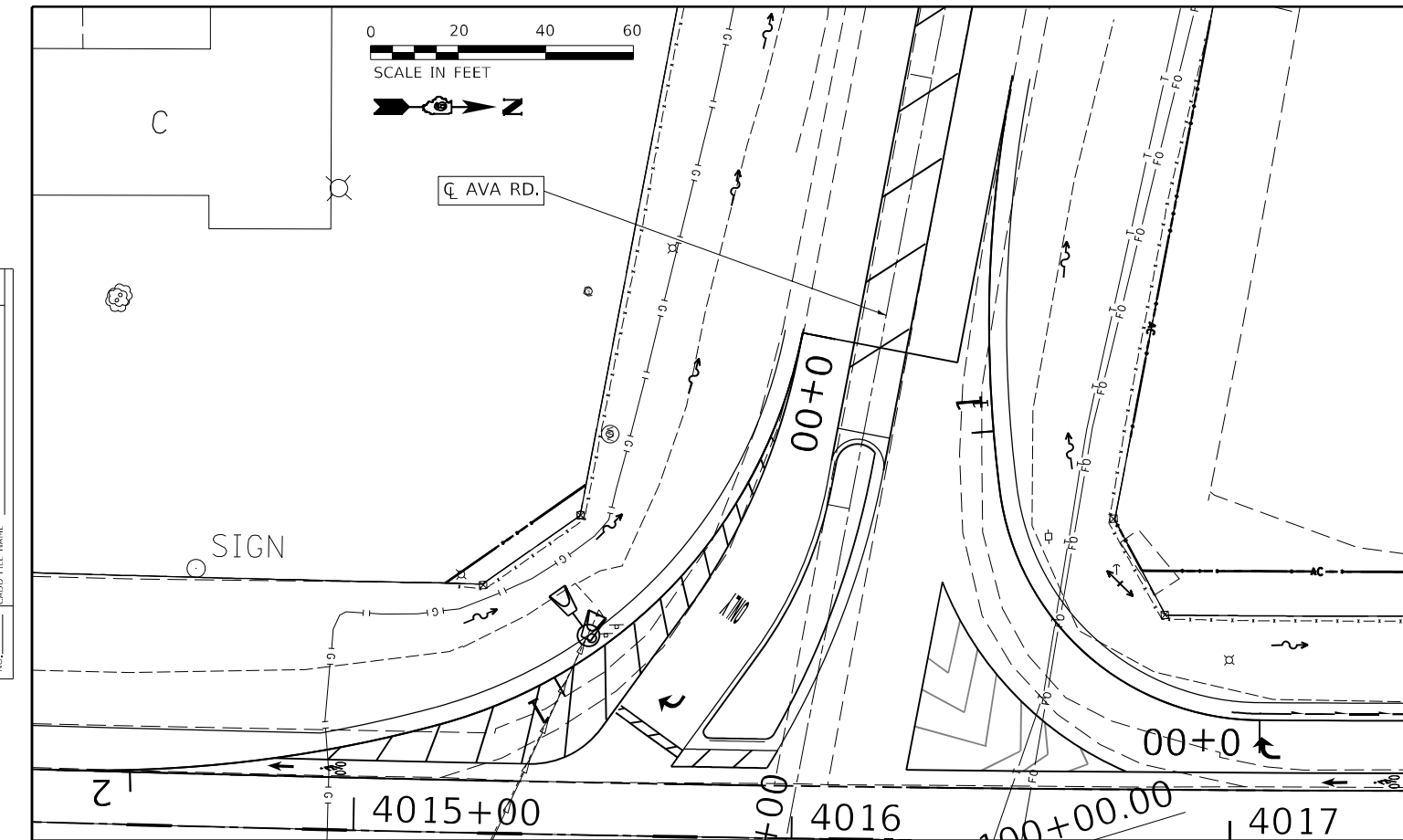
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| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES | |
| | CHECKED | |
| | BY | |
| | NO. | |
| | FILE NAME | |



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|--|------------------------------|------------|----------|---|----------------------------------|-----------------|----------------|-------------------------|----------------|---------------------------|--------------|
| MODEL: Default | USER NAME = fowlera | DESIGNED - | REVISD - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DITCH PROFILE PE 2559 | | F.A.P. RTE. 42 | SECTION 13N-1,(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 79 |
| FILE NAME: p:\projects\78660\CAD\Drawings\DWG\PE2559LT.dwg | PLOT SCALE = 100,0000' / in. | CHECKED - | REVISD - | | SCALE: | SHEET OF SHEETS | STA. TO STA. | CONTRACT NO. 78660 | | ILLINOIS FED. AID PROJECT | |
| | PLOT DATE = 10/13/2020 | DRAWN - | REVISD - | | | | | | | | |
| | | CHECKED - | REVISD - | | | | | | | | |

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

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



MODEL: 20 SCALE
FILE NAME: p:\projects\78660\CAD\Drawings\DWG\Drawings\78660-Sub-Civil-Profile.dwg

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| USER NAME = fowlera | DESIGNED - | REVISED - |
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| PLOT SCALE = 40,0000 * / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - |

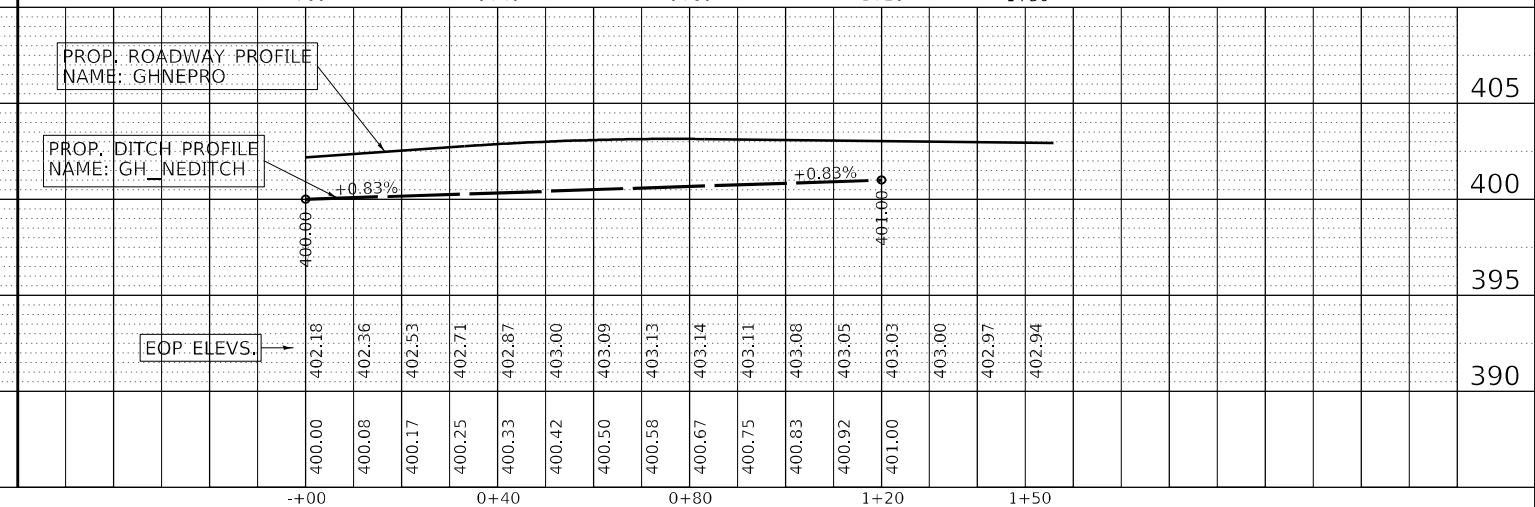
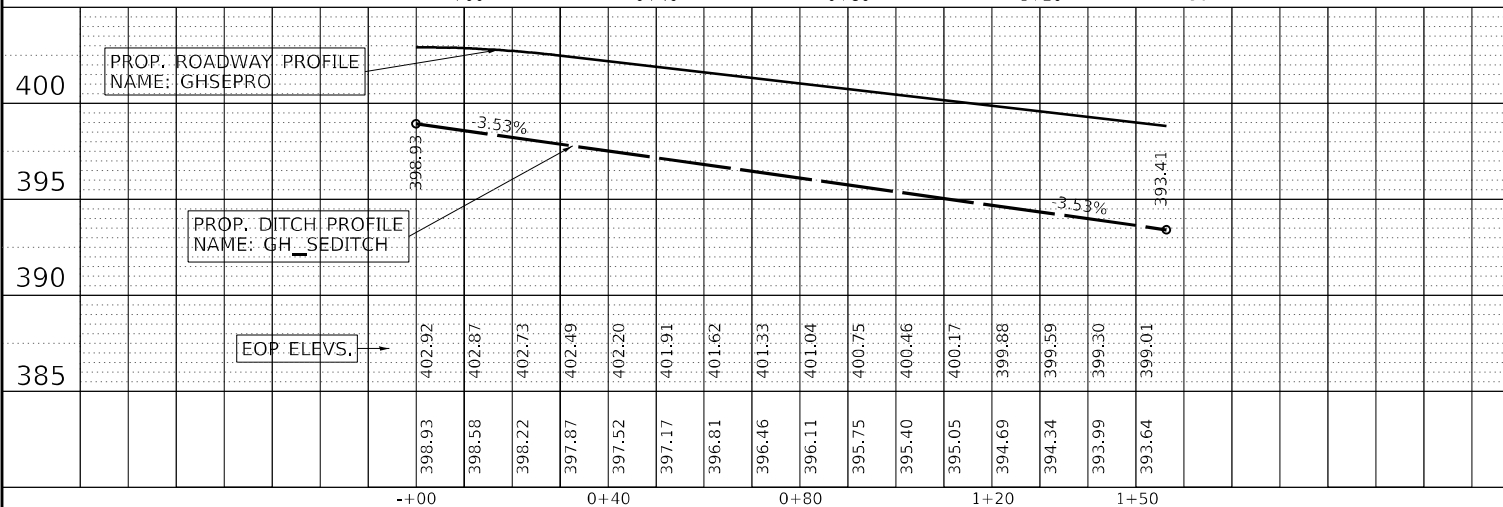
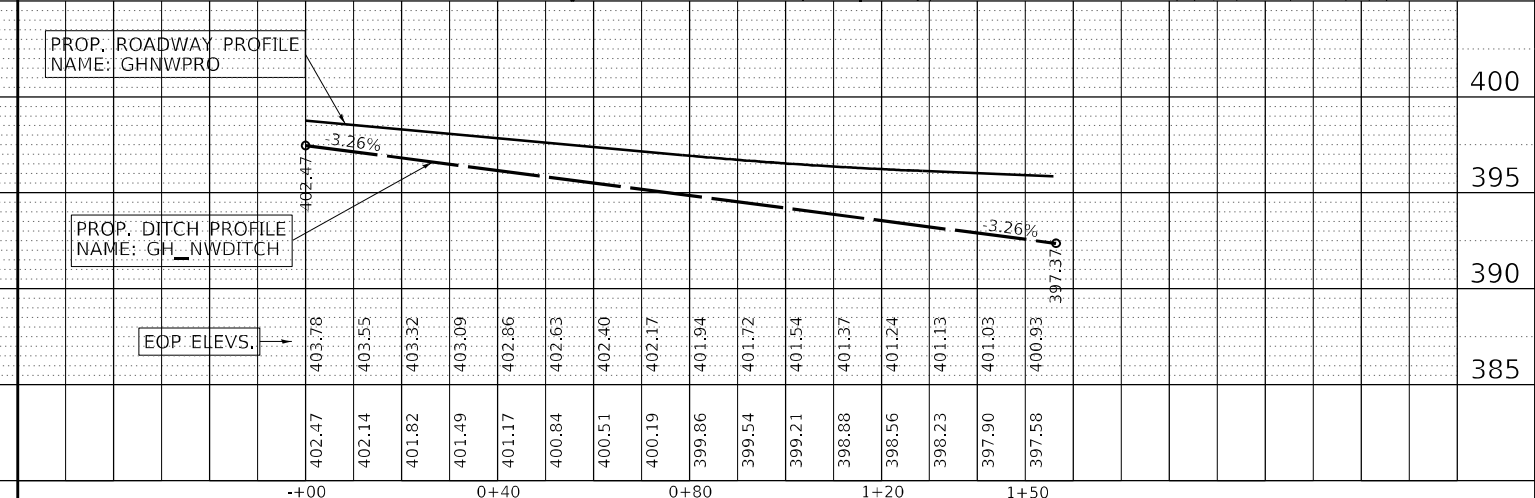
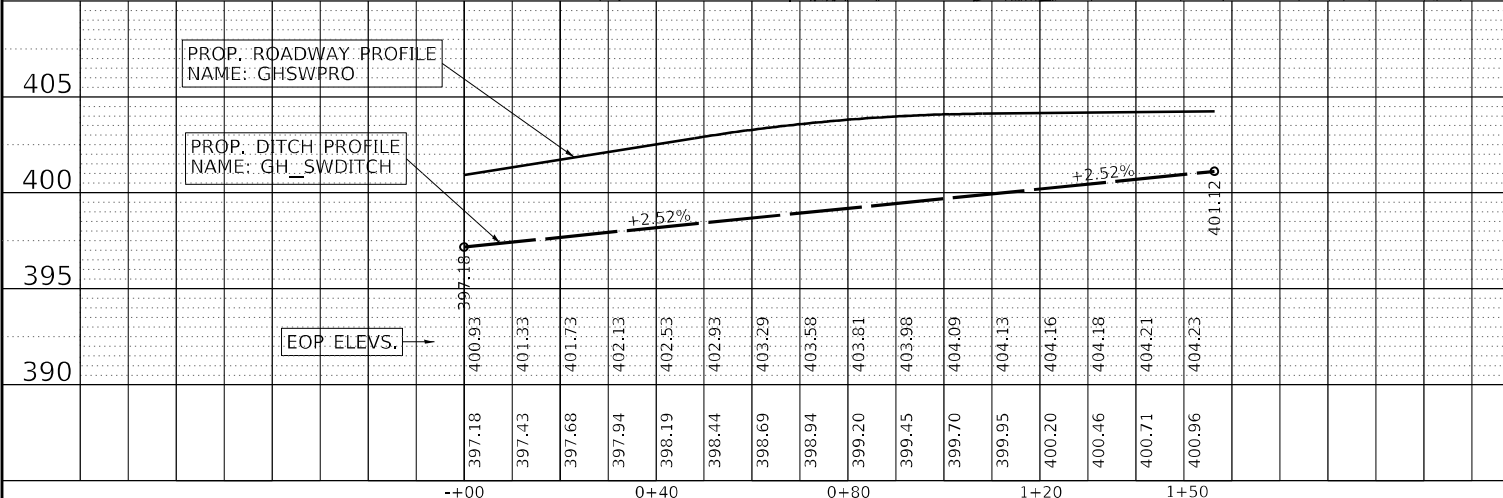
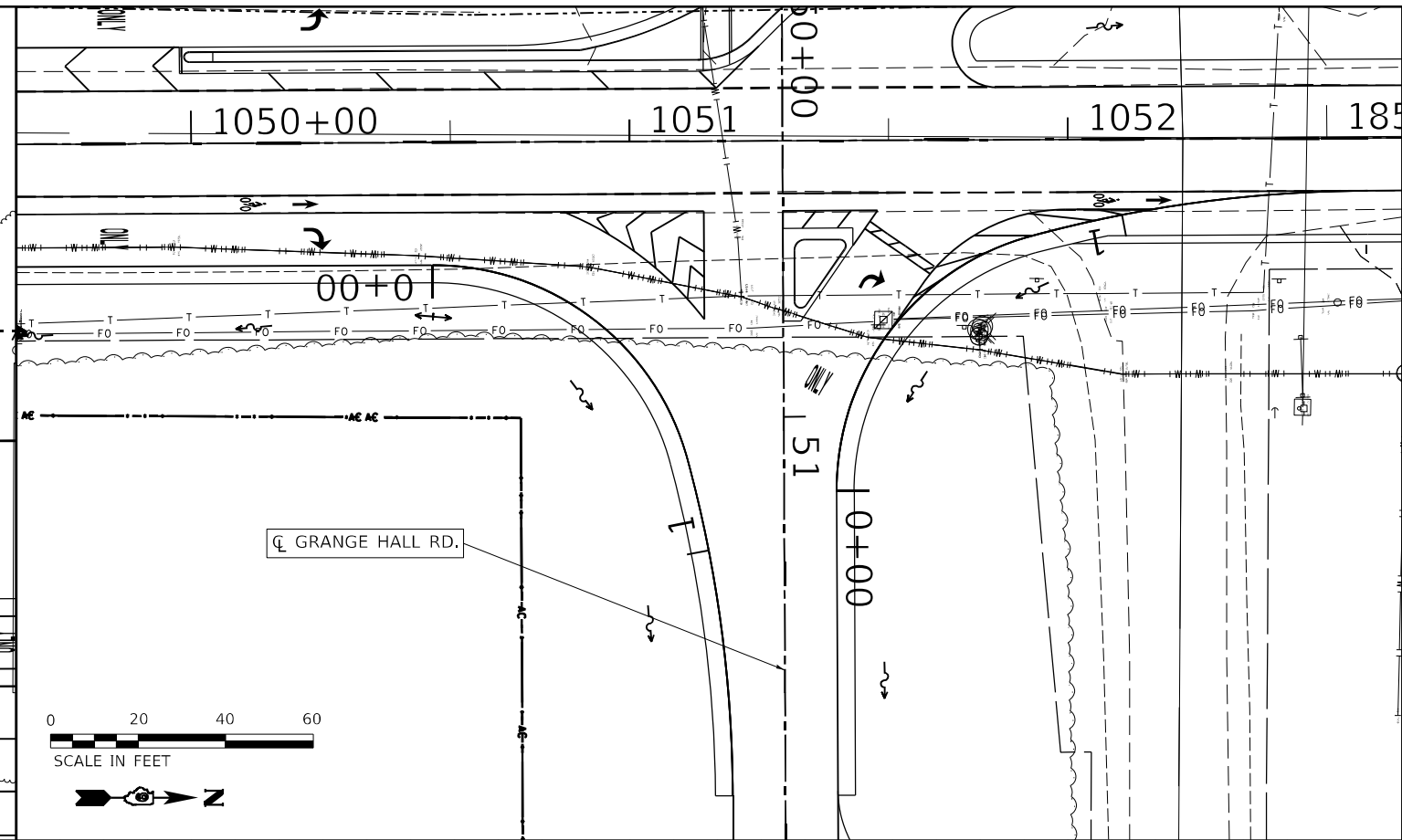
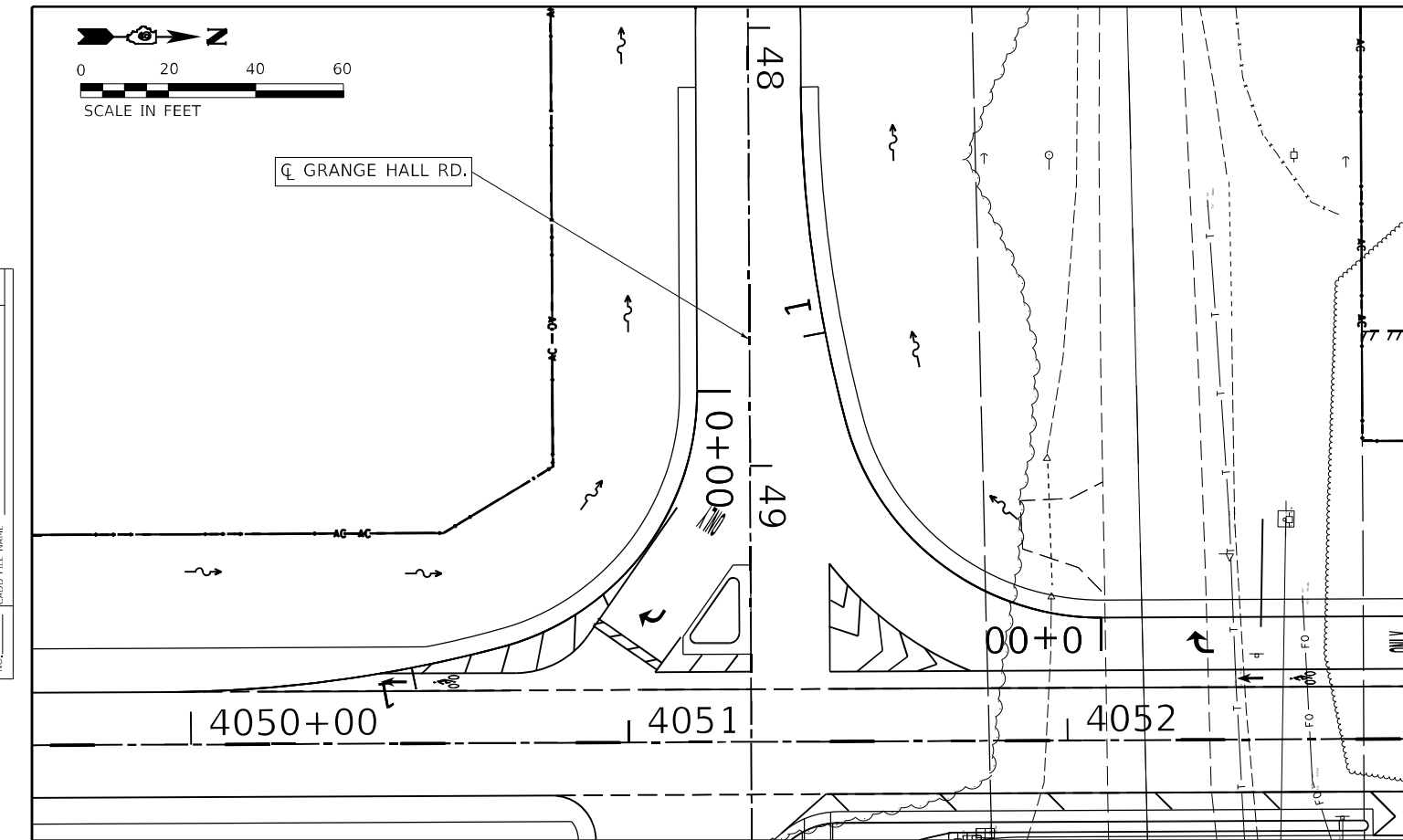
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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|---|-------|-----------|--------------|
| PLAN PROFILE | | | |
| DITCH - AVA RD. / KIMMEL BRIDGE RD. RADII | | | |
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

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| F.A.P. RTE. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 80 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | ALIGNED | CHECKED |
| | NOTE BOOK | NO. |
| | STRUCTURE | NOTATION |
| | NO. | |

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

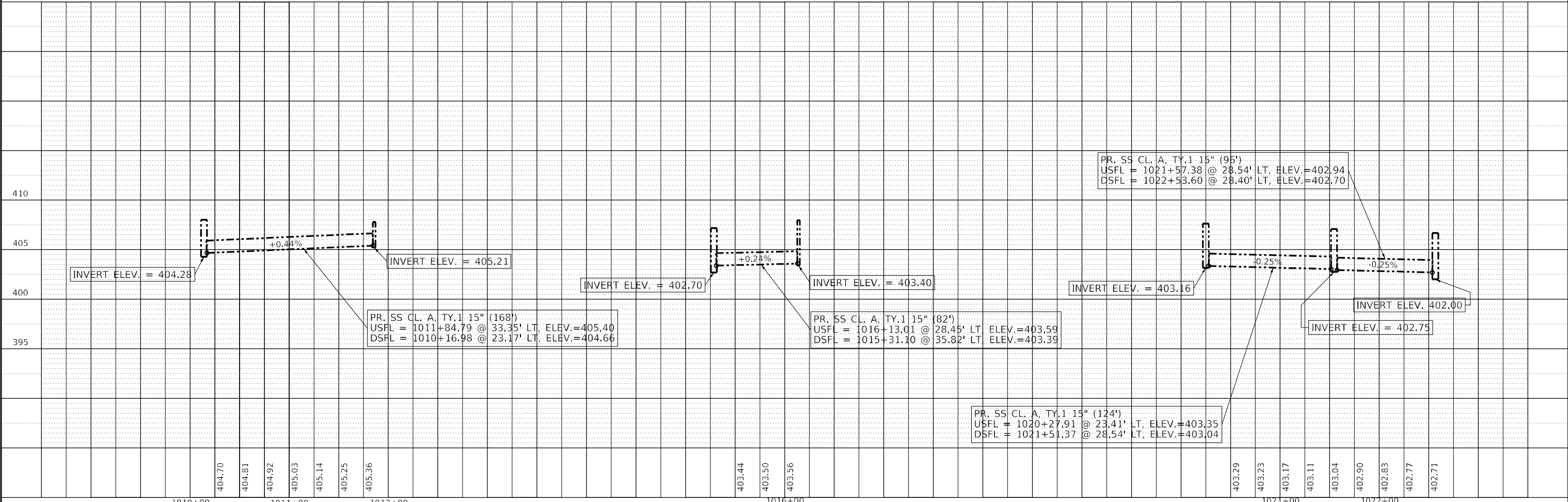
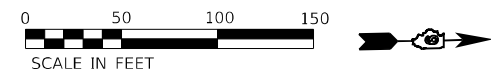
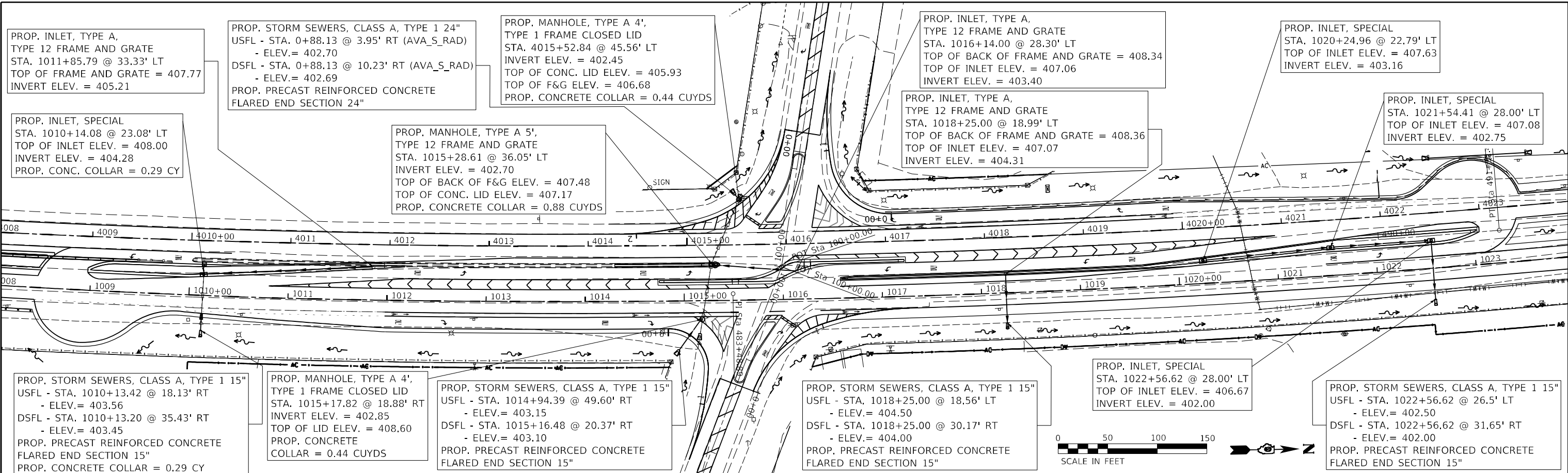


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| USER NAME = fowlera | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN PROFILE | | F.A.P. RTE. 42 SECTION 13N-1,(13-1)N-2 COUNTY JACKSON TOTAL SHEETS 347 SHEET NO. 81 CONTRACT NO. 78660 ILLINOIS FED. AID PROJECT |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - | | DITCH - GRANGE HALL RD. RADII | | |
| PLOT DATE = 10/13/2020 | DRAWN - | REVISED - | | SCALE: | SHEET OF SHEETS STA. TO STA. | |
| | CHECKED - | REVISED - | | | | |

MODEL: 20 SCALE
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| PLAN | SURVEYED | DATE |
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| | NOTATION | NO. |
| | CONSTRUCTION | NO. |






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| PROFILE | SURVEYED | DATE |
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| | CONSTRUCTION | NO. |

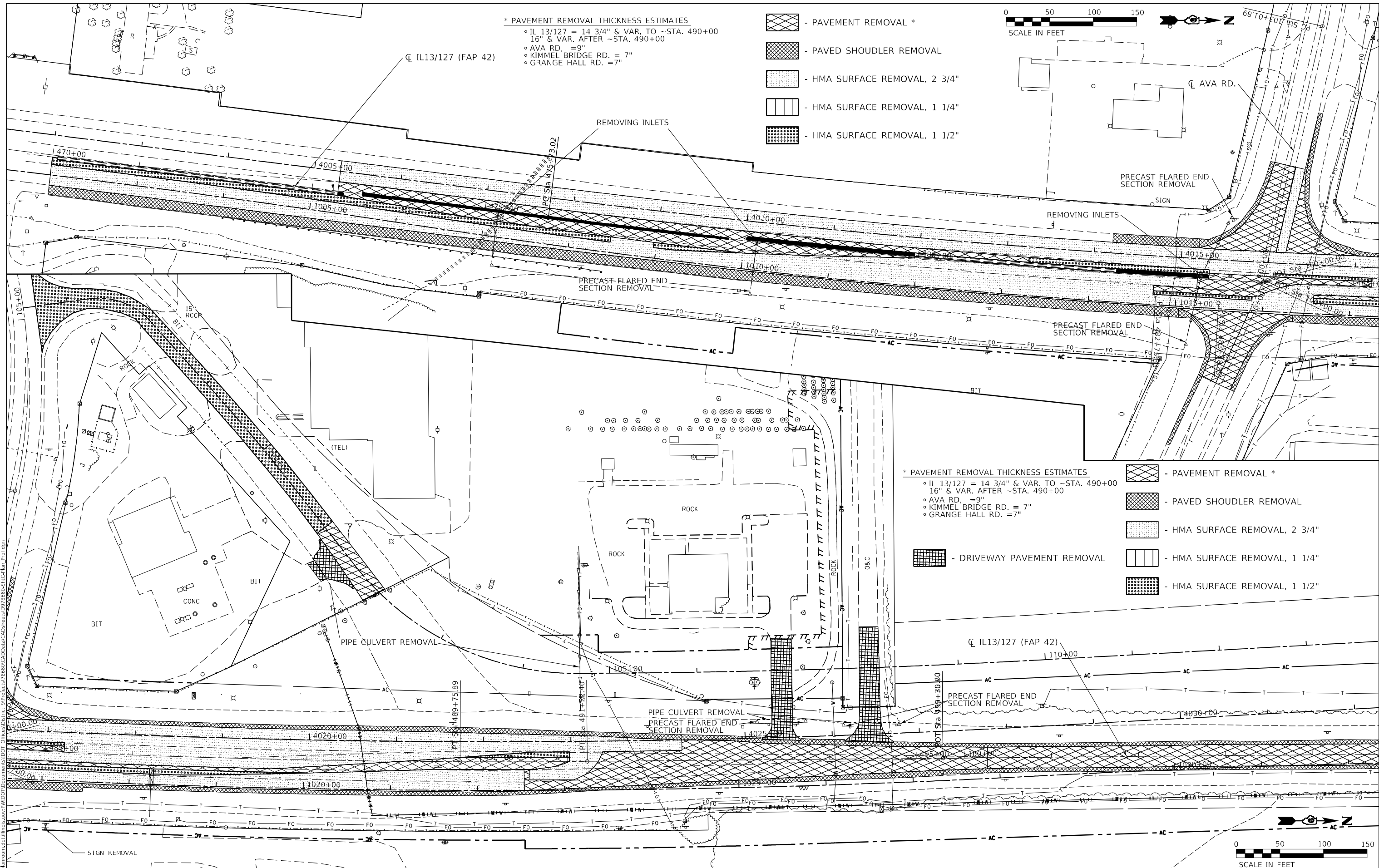


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| USER NAME = fowlera | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN PROFILE | | F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO. 42 13N-1,(13-1)N-2 JACKSON 347 82 CONTRACT NO. 78660 ILLINOIS FED. AID PROJECT |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - | | STORM SEWER | | |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - | | SCALE: | SHEET OF SHEETS STA. TO STA. | |
| | DATE - | REVISED - | | | | |

* PAVEMENT REMOVAL THICKNESS ESTIMATES







- IL 13/127 = 14 3/4" & VAR. TO ~STA. 490+00
- 16" & VAR. AFTER ~STA. 490+00
- AVA RD. = 9"
- KIMMEL BRIDGE RD. = 7"
- GRANGE HALL RD. = 7"

-  - PAVEMENT REMOVAL *
-  - PAVED SHOUDLER REMOVAL
-  - HMA SURFACE REMOVAL, 2 3/4"
-  - HMA SURFACE REMOVAL, 1 1/4"
-  - HMA SURFACE REMOVAL, 1 1/2"



* PAVEMENT REMOVAL THICKNESS ESTIMATES

- IL 13/127 = 14 3/4" & VAR. TO ~STA. 490+00
- 16" & VAR. AFTER ~STA. 490+00
- AVA RD. = 9"
- KIMMEL BRIDGE RD. = 7"
- GRANGE HALL RD. = 7"

-  - PAVEMENT REMOVAL *
-  - PAVED SHOUDLER REMOVAL
-  - HMA SURFACE REMOVAL, 2 3/4"
-  - HMA SURFACE REMOVAL, 1 1/4"
-  - HMA SURFACE REMOVAL, 1 1/2"
-  - DRIVEWAY PAVEMENT REMOVAL



MODEL: Default
 FILE NAME: p:\m\baronm.dwg
 PLOT DATE: 4/26/2021
 PLOT SCALE: = 100,0000' / in.
 USER NAME: = greenleesm
 DESIGNED: -
 DRAWN: -
 CHECKED: -
 DATE: -
 REVISED: -
 REVISED: -
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 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 REMOVAL SHEET
 SCALE: SHEET OF SHEETS STA. TO STA.
 F.A.P. RTE. 42 SECTION 13N-1.(13-1)N-2 COUNTY JACKSON TOTAL SHEETS 347 SHEET NO. 83 CONTRACT NO. 78660 ILLINOIS FED. AID PROJECT

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 4/26/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

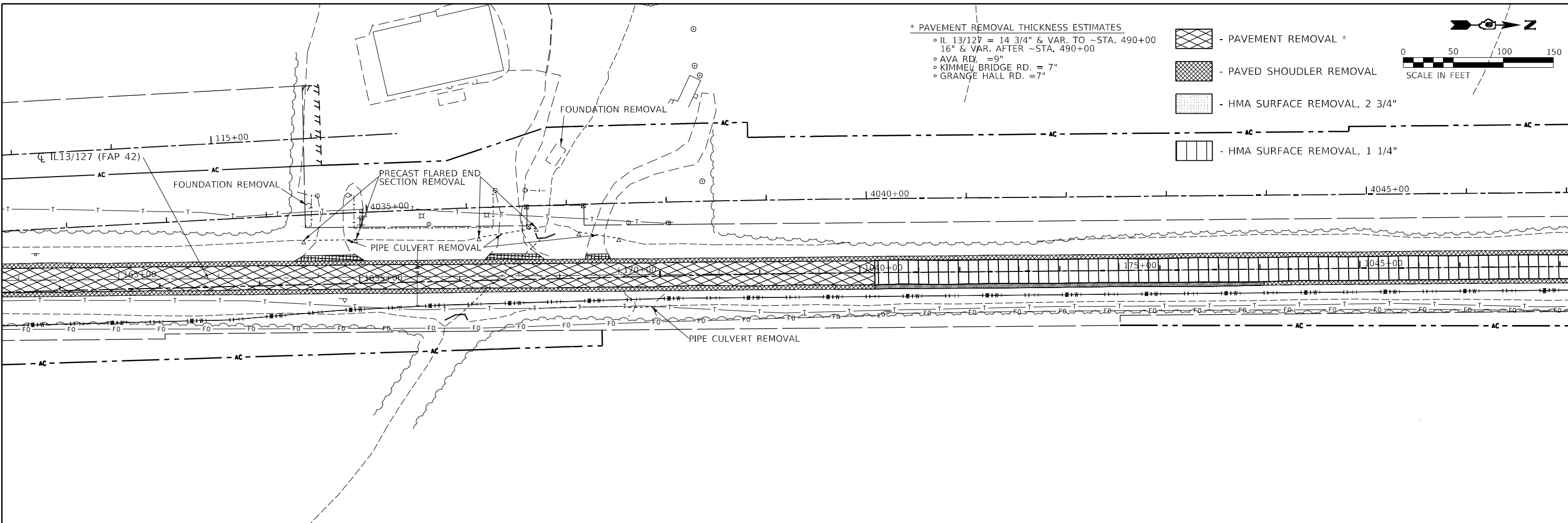
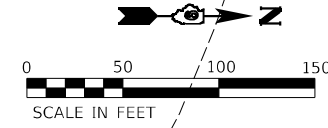
REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.





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|---------------------------|-------------------------|----------------|------------------|--------------|
| F.A.P. RTE. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 83 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

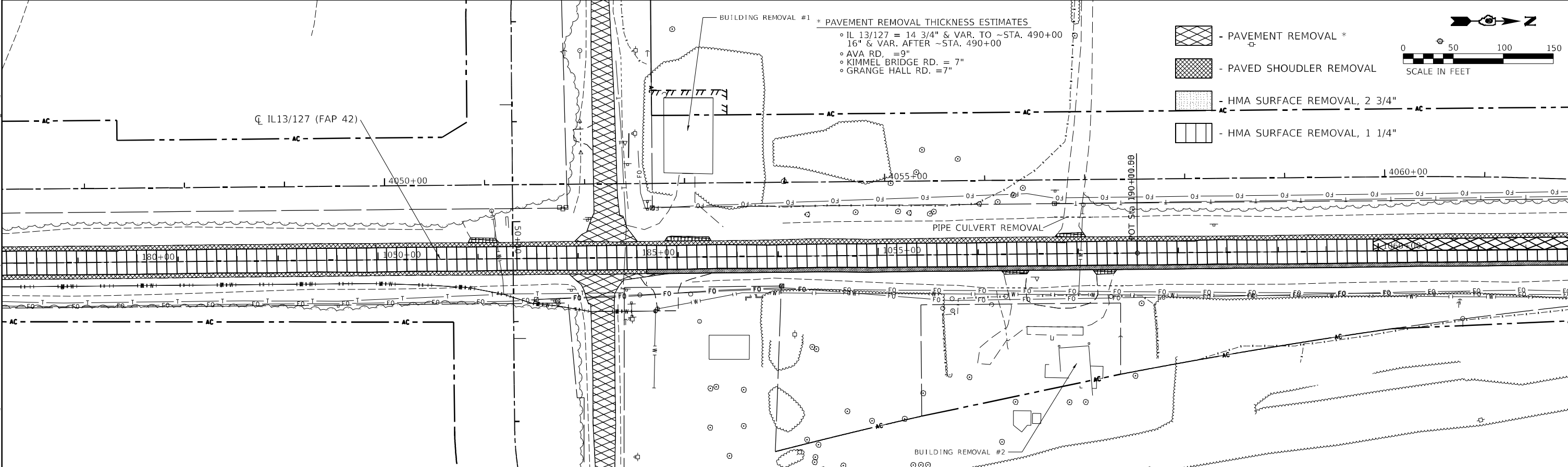
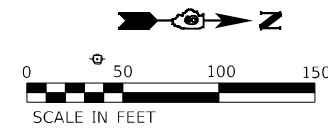
* PAVEMENT REMOVAL THICKNESS ESTIMATES
 • IL 13/127 = 14 3/4" & VAR. TO ~STA. 490+00
 16" & VAR. AFTER ~STA. 490+00
 • AVA RD. = 9"
 • KIMMEL BRIDGE RD. = 7"
 • GRANGE HALL RD. = 7"

-  - PAVEMENT REMOVAL *
-  - PAVED SHOUDLER REMOVAL
-  - HMA SURFACE REMOVAL, 2 3/4"
-  - HMA SURFACE REMOVAL, 1 1/4"



* PAVEMENT REMOVAL THICKNESS ESTIMATES
 • IL 13/127 = 14 3/4" & VAR. TO ~STA. 490+00
 16" & VAR. AFTER ~STA. 490+00
 • AVA RD. = 9"
 • KIMMEL BRIDGE RD. = 7"
 • GRANGE HALL RD. = 7"

-  - PAVEMENT REMOVAL *
-  - PAVED SHOUDLER REMOVAL
-  - HMA SURFACE REMOVAL, 2 3/4"
-  - HMA SURFACE REMOVAL, 1 1/4"



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 OFFICE: JGD
 DATE: 2/4/2021

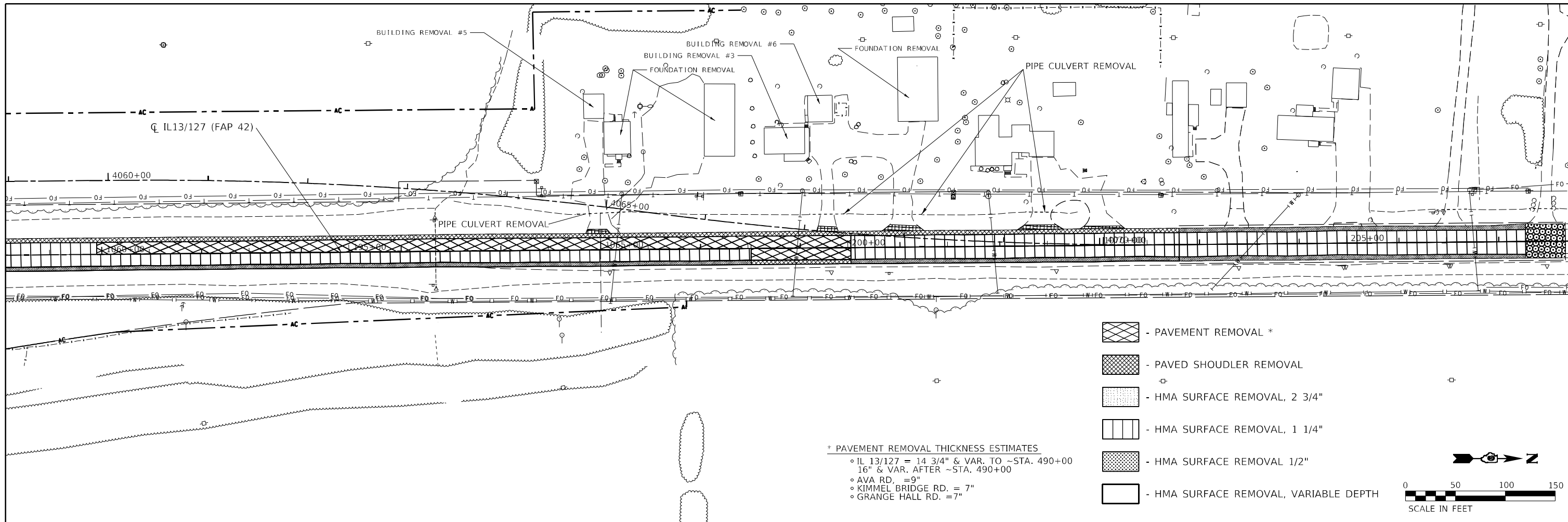
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| USER NAME = greenleesm | DESIGNED - | REVISED - |
| DRAWN - | REVISOR - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISOR - |
| PLOT DATE = 2/4/2021 | DATE - | REVISOR - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

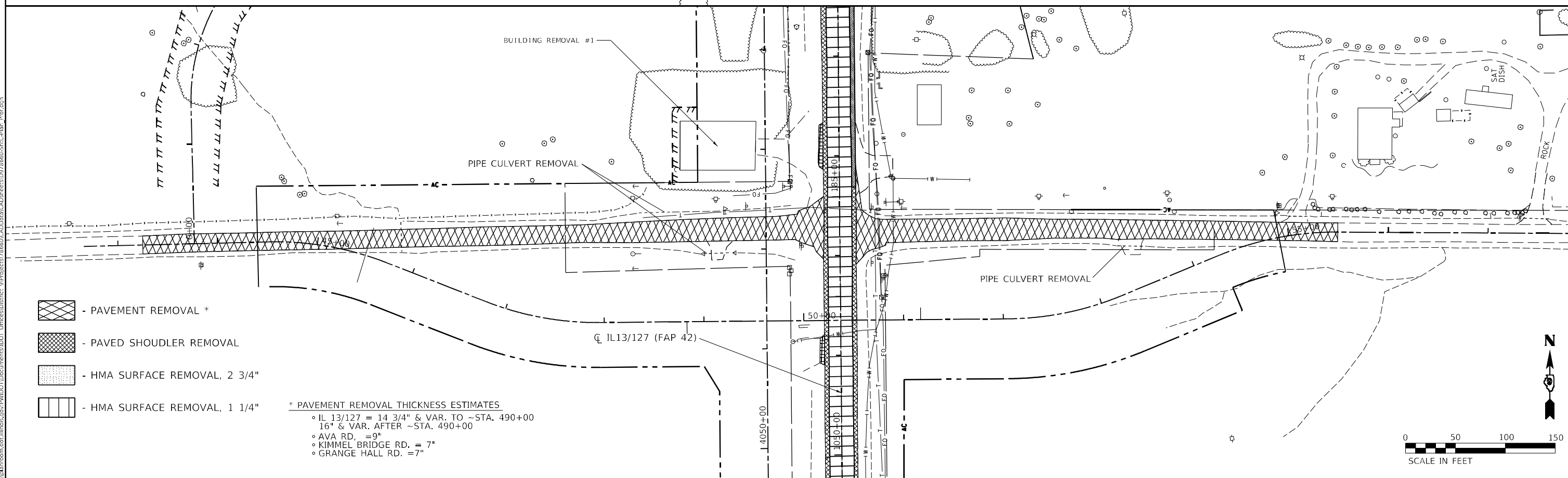
REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 84 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



* PAVEMENT REMOVAL THICKNESS ESTIMATES
 • IL 13/127 = 14 3/4" & VAR. TO ~STA. 490+00
 16" & VAR. AFTER ~STA. 490+00
 • AVA RD. = 9"
 • KIMMEL BRIDGE RD. = 7"
 • GRANGE HALL RD. = 7"



* PAVEMENT REMOVAL THICKNESS ESTIMATES
 • IL 13/127 = 14 3/4" & VAR. TO ~STA. 490+00
 16" & VAR. AFTER ~STA. 490+00
 • AVA RD. = 9"
 • KIMMEL BRIDGE RD. = 7"
 • GRANGE HALL RD. = 7"

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







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|------------------------------|------------|-----------|
| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
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| PLOT DATE = 4/26/2021 | DATE - | REVISED - |

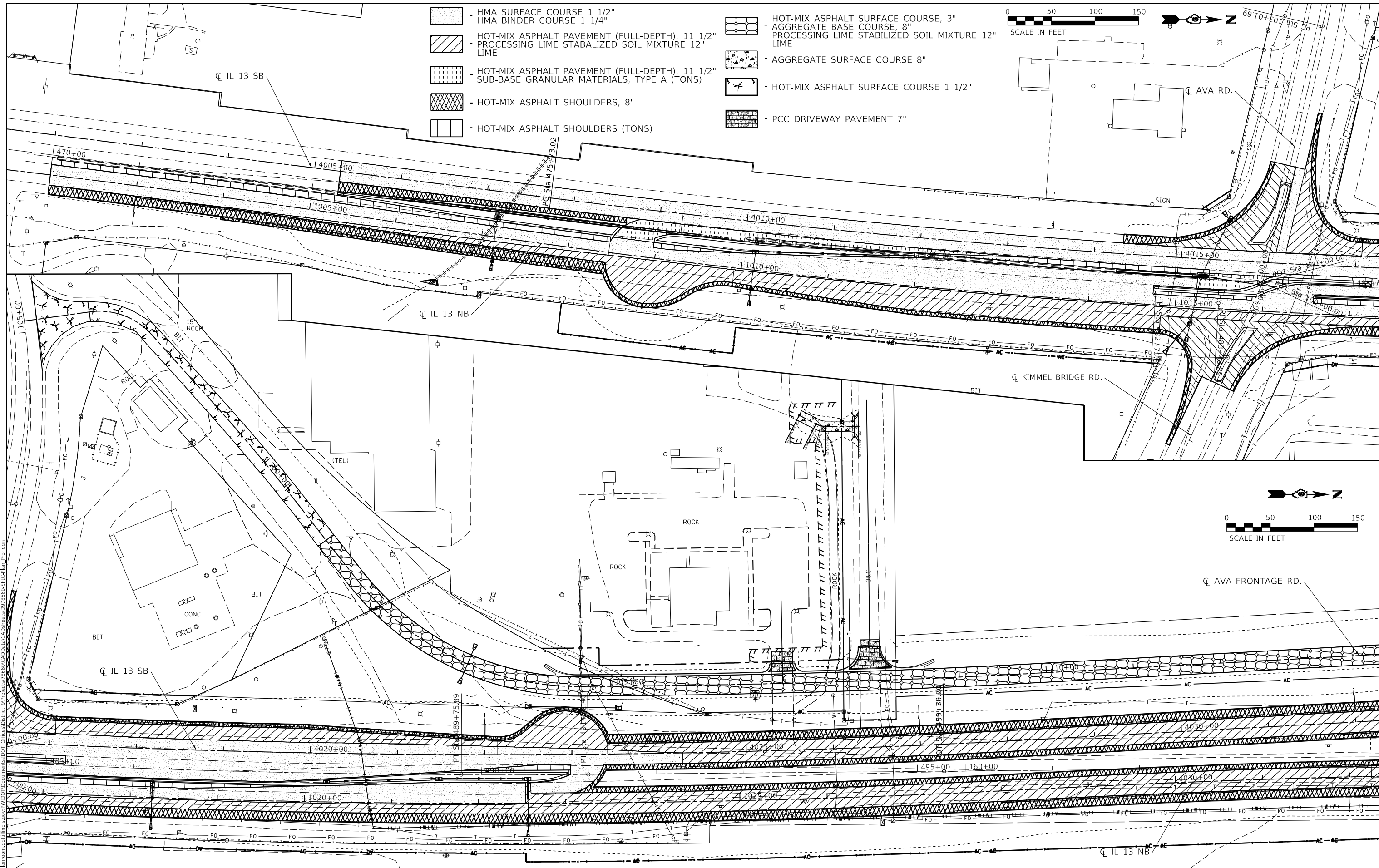
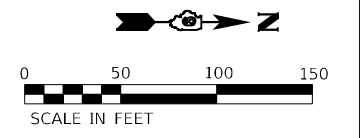
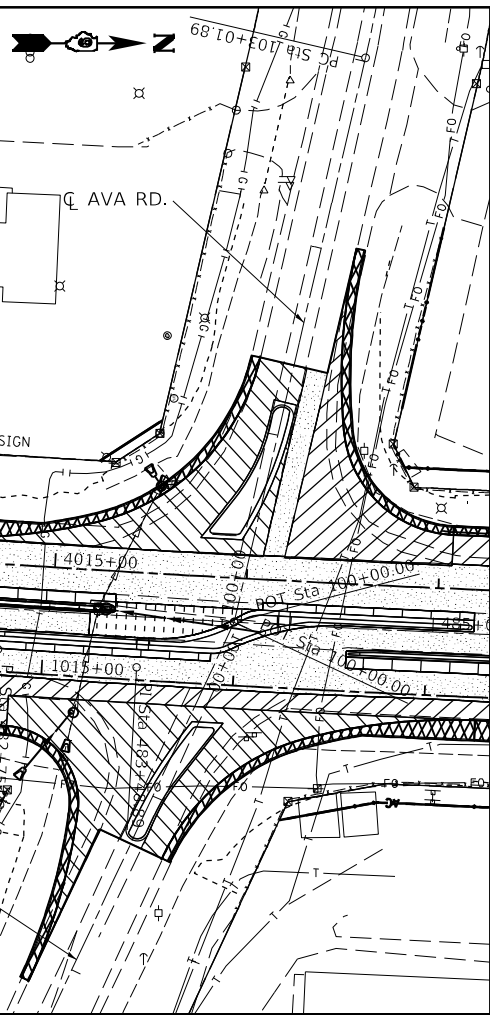
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|-------------------------|----------------|------------------|--------------|
| F.A.P. RTE. 42 | SECTION 13N-1,(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 85 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

-  - HMA SURFACE COURSE 1 1/2"
HMA BINDER COURSE 1 1/4"
-  - HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
- PROCESSING LIME STABILIZED SOIL MIXTURE 12"
LIME
-  - HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
- SUB-BASE GRANULAR MATERIALS, TYPE A (TONS)
-  - HOT-MIX ASPHALT SHOULDERS, 8"
-  - HOT-MIX ASPHALT SHOULDERS (TONS)
-  - HOT-MIX ASPHALT SURFACE COURSE, 3"
AGGREGATE BASE COURSE, 8"
PROCESSING LIME STABILIZED SOIL MIXTURE 12"
LIME
-  - AGGREGATE SURFACE COURSE 8"
-  - HOT-MIX ASPHALT SURFACE COURSE 1 1/2"
-  - PCC DRIVEWAY PAVEMENT 7"



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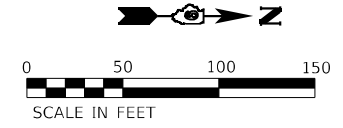
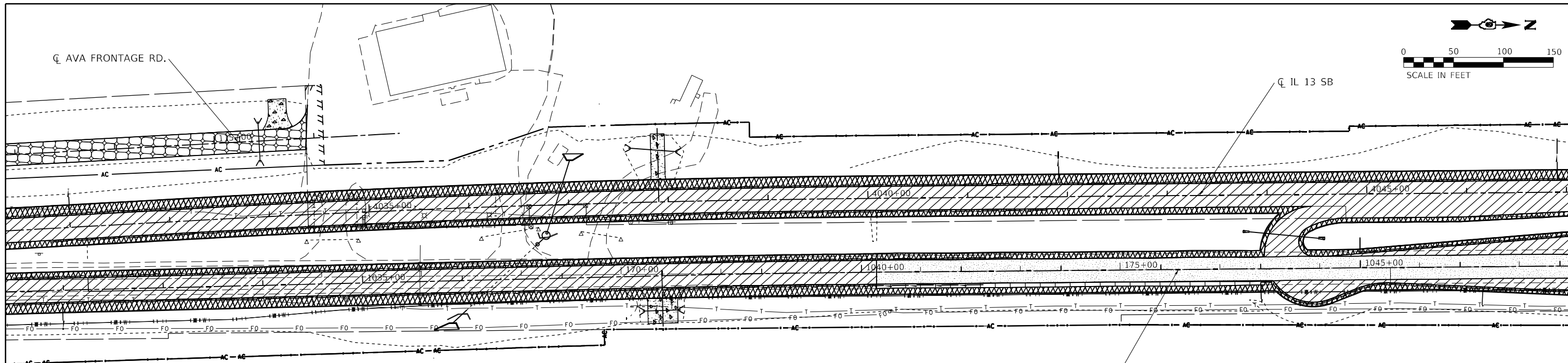
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| USER NAME = fowlera | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

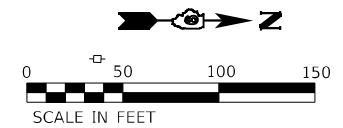
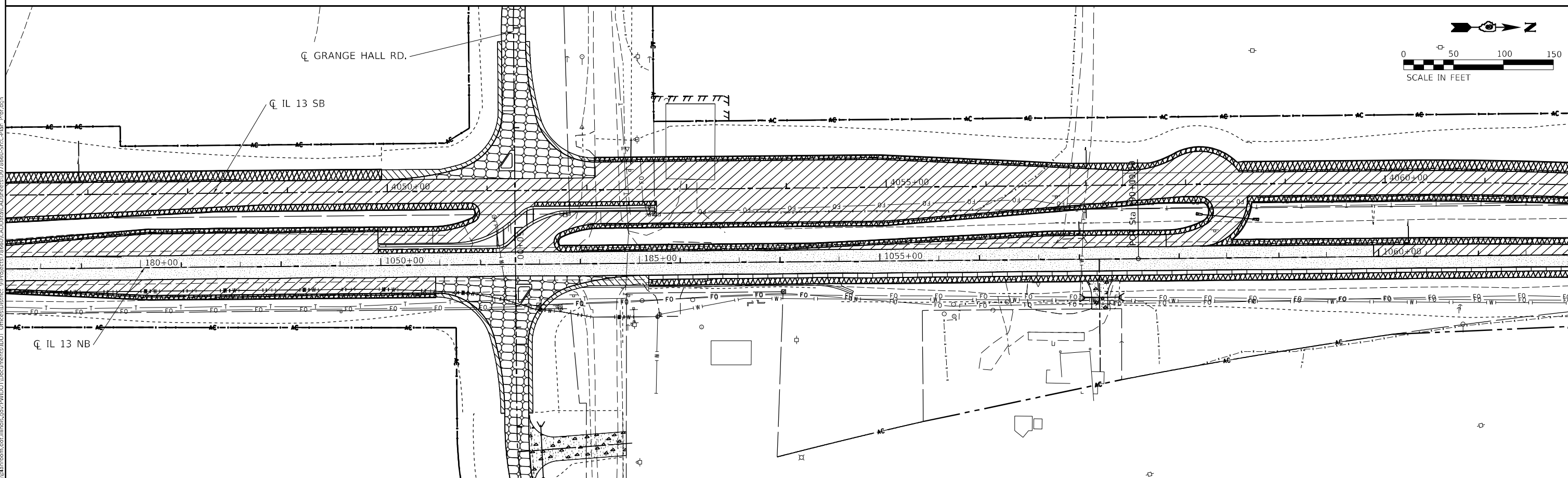
CONSTRUCTION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|-------------------------|----------------|------------------|--------------|
| F.A.P. RTE. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 86 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



- HMA SURFACE COURSE 1 1/2"
HMA BINDER COURSE 1 1/4"
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
PROCESSING LIME STABILIZED SOIL MIXTURE 12"
LIME
- HOT-MIX ASPHALT SHOULDERS, 8"
- HOT-MIX ASPHALT SHOULDERS (TONS)
- HOT-MIX ASPHALT SURFACE COURSE, 3"
- AGGREGATE BASE COURSE, 8"
PROCESSING LIME STABILIZED SOIL MIXTURE 12"
LIME
- AGGREGATE SURFACE COURSE 8"



MODEL: Default
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 DATE: 2/4/2021

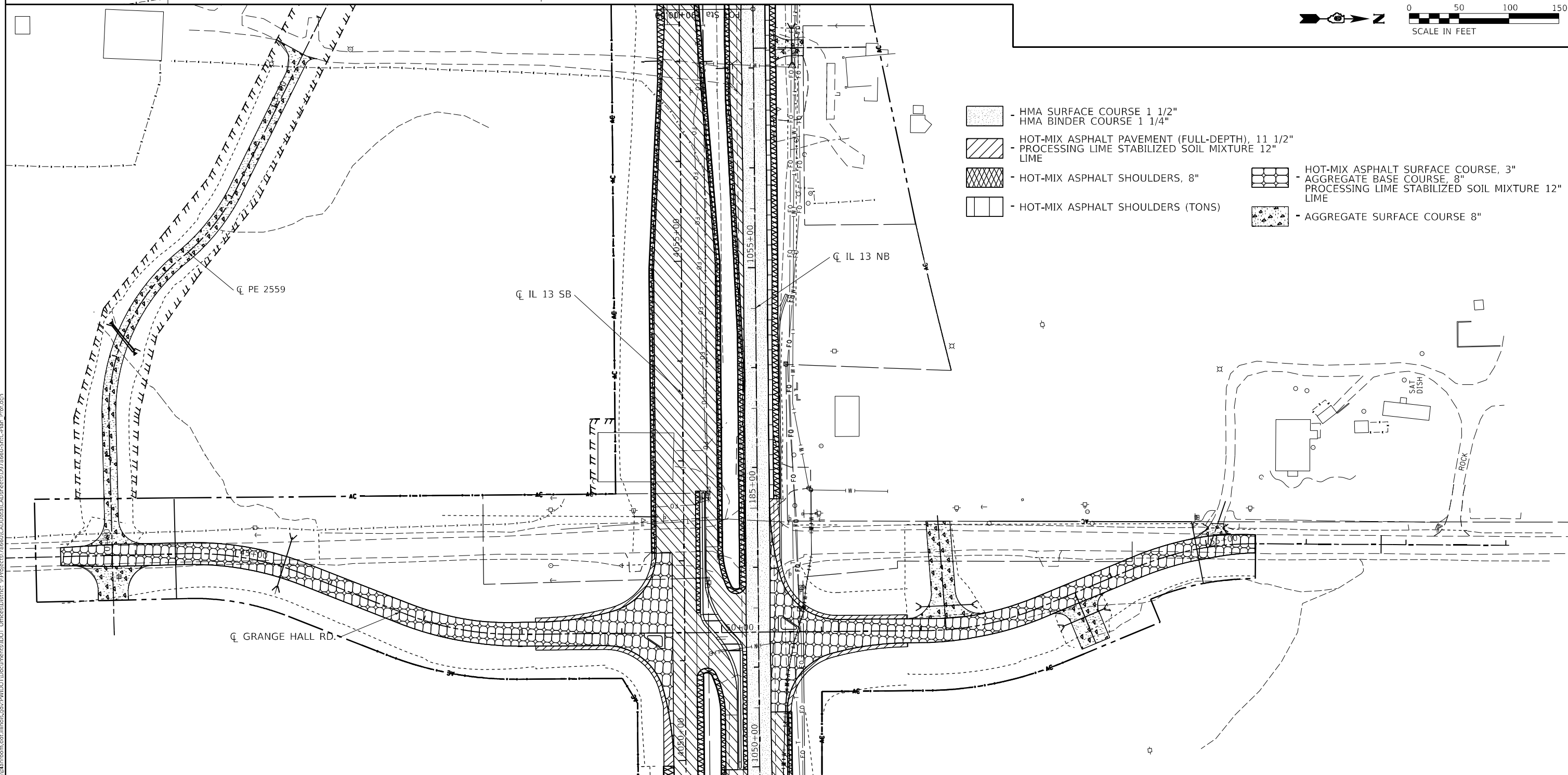
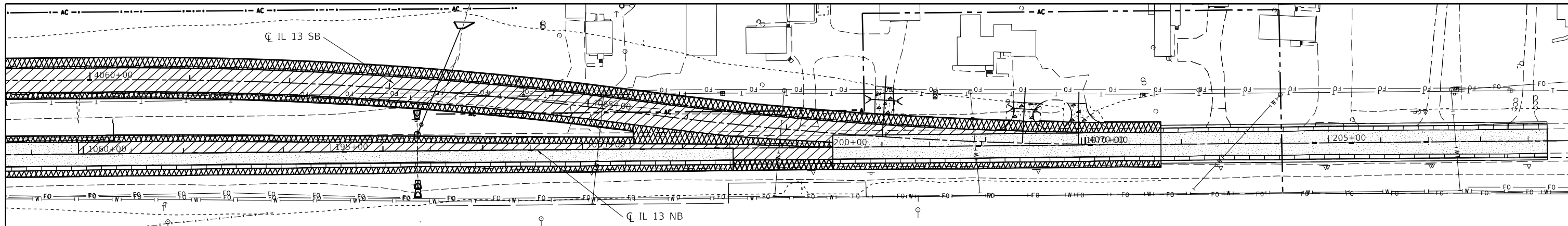
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| DRAWN - | REVISOR - | REVISION - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISOR - |
| PLOT DATE = 2/4/2021 | DATE - | REVISION - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 87 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



- HMA SURFACE COURSE 1 1/2"
HMA BINDER COURSE 1 1/4"
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
PROCESSING LIME STABILIZED SOIL MIXTURE 12"
LIME
- HOT-MIX ASPHALT SHOULDERS, 8"
- HOT-MIX ASPHALT SHOULDERS (TONS)
- HOT-MIX ASPHALT SURFACE COURSE, 3"
AGGREGATE BASE COURSE, 8"
PROCESSING LIME STABILIZED SOIL MIXTURE 12"
LIME
- AGGREGATE SURFACE COURSE 8"

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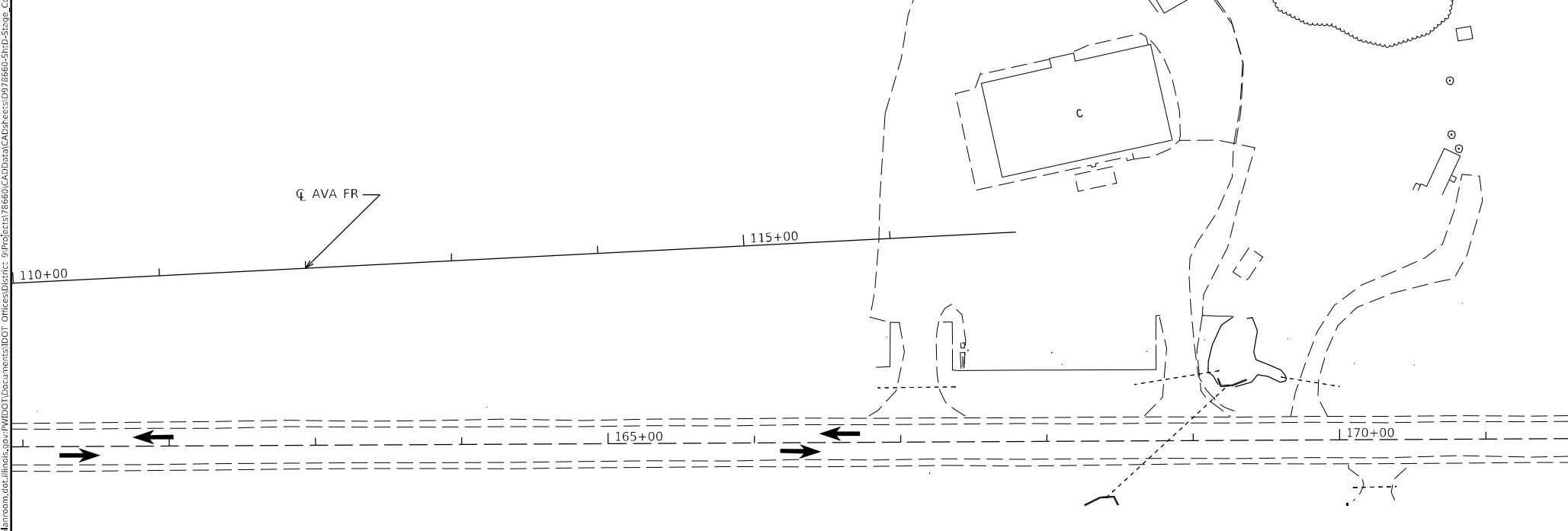
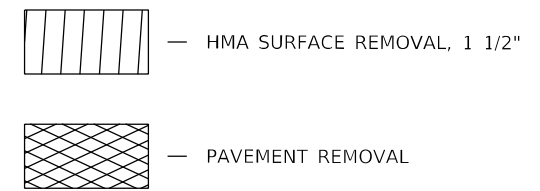
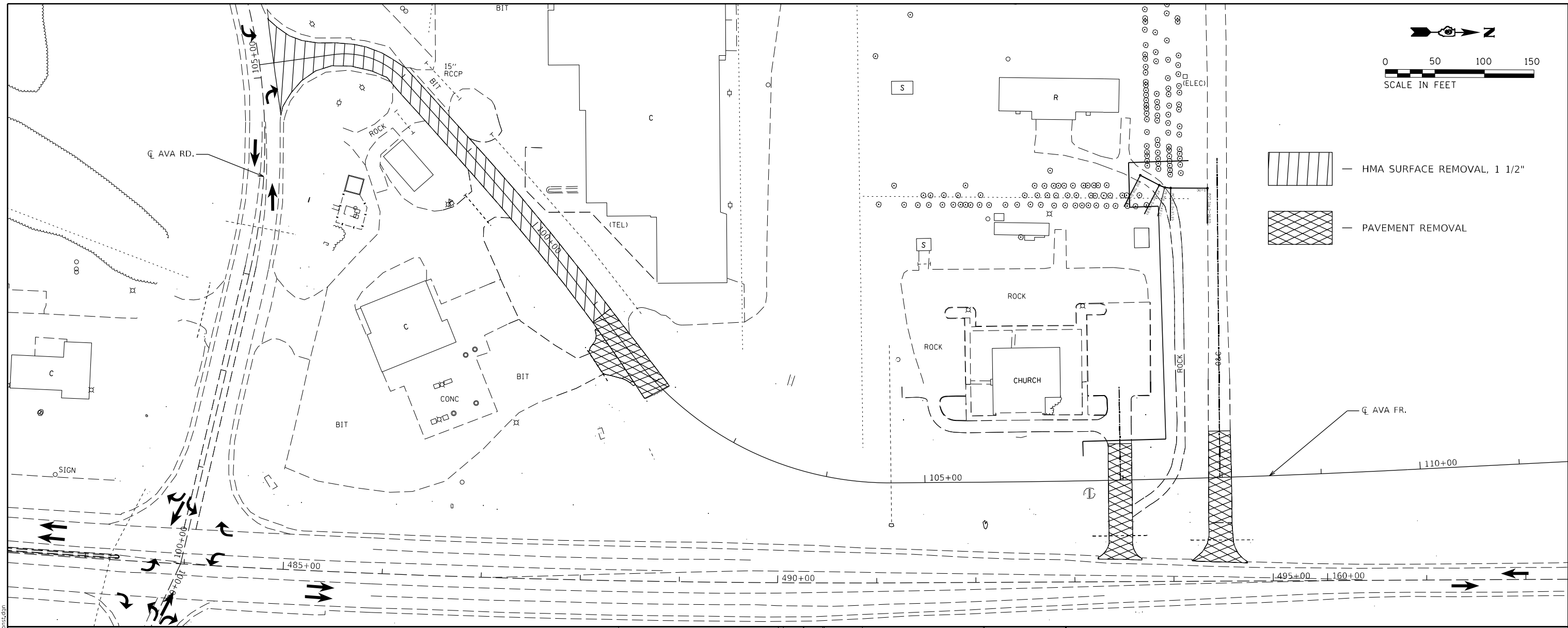
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| USER NAME = greenleesm | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 2/4/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 88 |
| CONTRACT NO. 786660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



STAGING NOTES
 REMOVE PAVEMENT AS SHOWN.
 ACCESS TO BUSINESSES & GAR RD. MUST BE MAINTAINED TO THE GREATEST EXTENT POSSIBLE.
 TEMP. AGGREGATE MAY BE USED TO ALLOW ACCESS FOR SHORT DURATIONS
 FLAGGERS WILL BE REQUIRED IF TRAFFIC IS REDUCED TO ONE-LANE ON IL 13/127, AVA FRONTAGE RD., OR GRANGE HALL RD. FOR ANY DURATION AS PER ART. 701.13(a) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 ALL LIVE TRAFFIC LANES SHOWN IN THE STAGING PLAN ARE 12' UNLESS OTHERWISE NOTED ON THE PLAN SHEETS.
 CONSTRUCT PAVEMENT, SHOULDER, CULVERTS, ENTRANCES AS SHOWN ON THE STAGING PLAN

MODEL: Default
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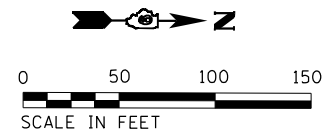
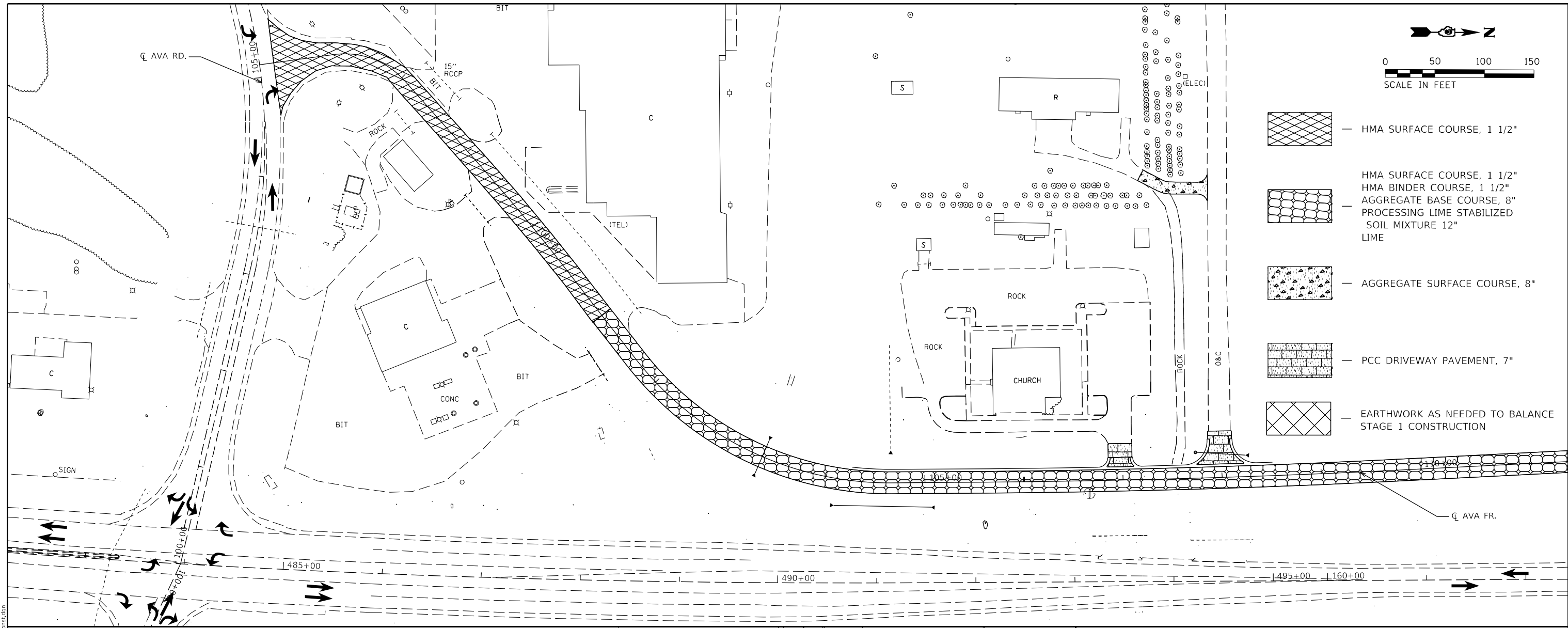
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| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
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| PLOT DATE = 10/13/2020 | DATE - | REVISED - |


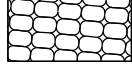
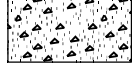


**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

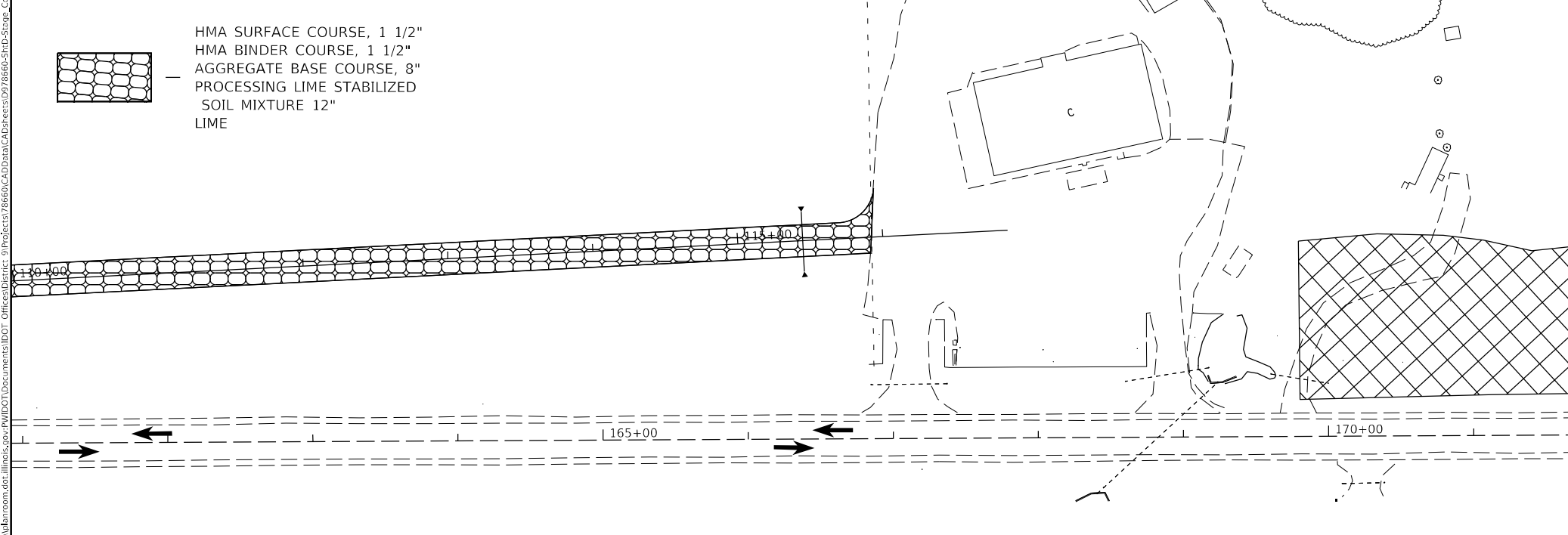
STAGE 1 REMOVAL

SCALE: SHEET OF SHEETS STA. TO STA.

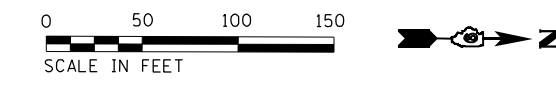
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|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 89 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



-  HMA SURFACE COURSE, 1 1/2"
-  HMA SURFACE COURSE, 1 1/2"
HMA BINDER COURSE, 1 1/2"
AGGREGATE BASE COURSE, 8"
PROCESSING LIME STABILIZED SOIL MIXTURE 12" LIME
-  AGGREGATE SURFACE COURSE, 8"
-  PCC DRIVEWAY PAVEMENT, 7"
-  EARTHWORK AS NEEDED TO BALANCE STAGE 1 CONSTRUCTION



STAGING NOTES
 REMOVE PAVEMENT AS SHOWN.
 ACCESS TO BUSINESSES & GAR RD. MUST BE MAINTAINED TO THE GREATEST EXTENT POSSIBLE.
 TEMP. AGGREGATE MAY BE USED TO ALLOW ACCESS FOR SHORT DURATIONS
 FLAGGERS WILL BE REQUIRED IF TRAFFIC IS REDUCED TO ONE-LANE ON IL 13/127, AVA FRONTAGE RD., OR GRANGE HALL RD. FOR ANY DURATION AS PER ART. 701.13(a) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 ALL LIVE TRAFFIC LANES SHOWN IN THE STAGING PLAN ARE 12' UNLESS OTHERWISE NOTED ON THE PLAN SHEETS.
 CONSTRUCT PAVEMENT, SHOULDER, CULVERTS, ENTRANCES AS SHOWN ON THE STAGING PLAN



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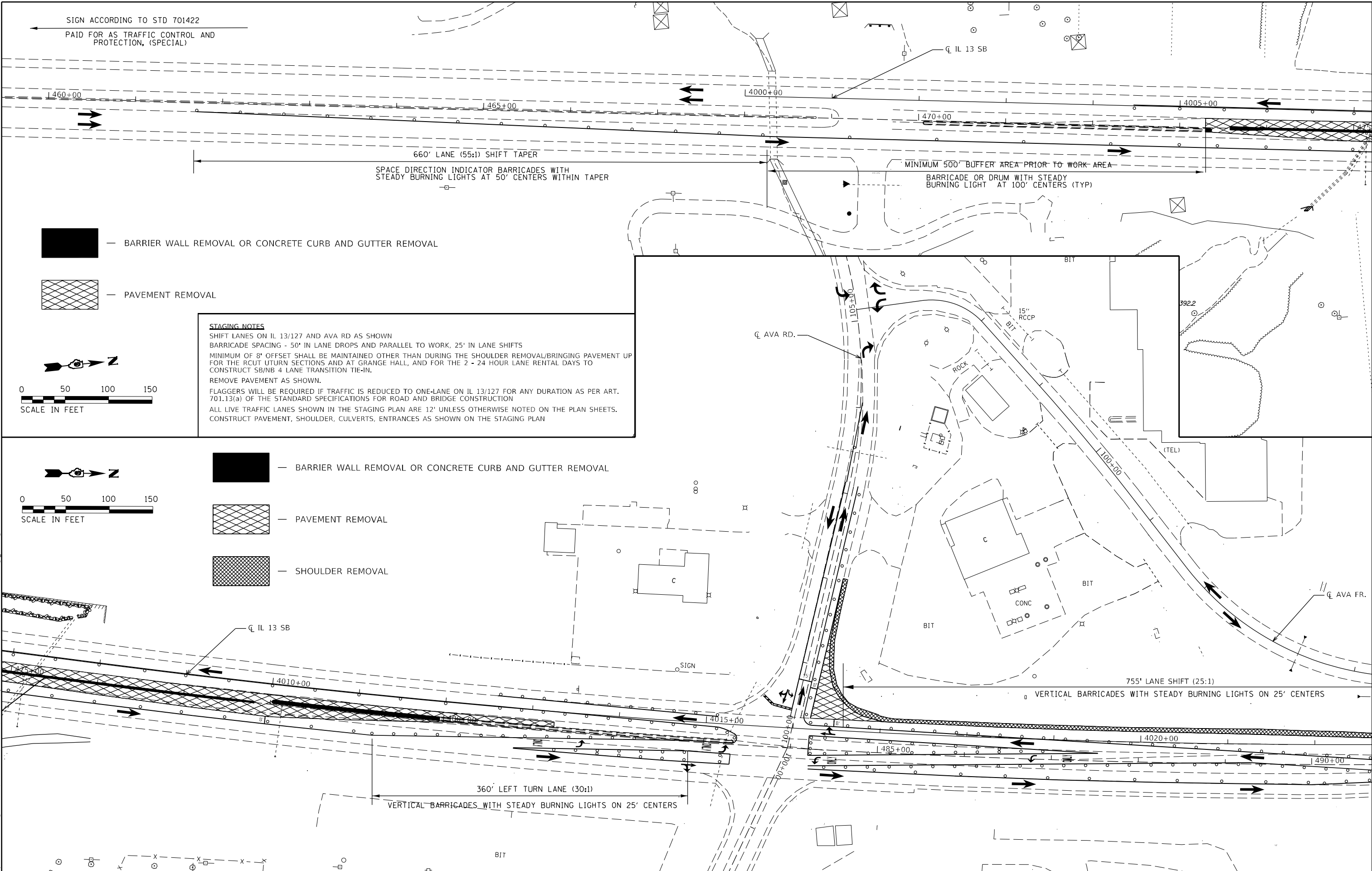
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| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 1 CONSTRUCTION

SCALE: SHEET OF SHEETS STA. TO STA.

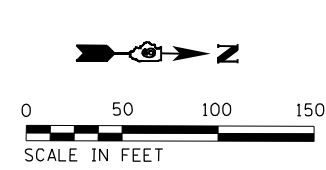
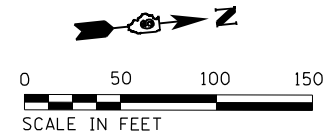
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|---------------------------|-----------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 91 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



SIGN ACCORDING TO STD 701422
PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

- BARRIER WALL REMOVAL OR CONCRETE CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL

STAGING NOTES
SHIFT LANES ON IL 13/127 AND AVA RD AS SHOWN
BARRICADE SPACING - 50' IN LANE DROPS AND PARALLEL TO WORK, 25' IN LANE SHIFTS
MINIMUM OF 8' OFFSET SHALL BE MAINTAINED OTHER THAN DURING THE SHOULDER REMOVAL/BRINGING PAVEMENT UP FOR THE RCUT UTURN SECTIONS AND AT GRANGE HALL, AND FOR THE 2 - 24 HOUR LANE RENTAL DAYS TO CONSTRUCT SB/NB 4 LANE TRANSITION TIE-IN.
REMOVE PAVEMENT AS SHOWN.
FLAGGERS WILL BE REQUIRED IF TRAFFIC IS REDUCED TO ONE-LANE ON IL 13/127 FOR ANY DURATION AS PER ART. 701.13(a) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
ALL LIVE TRAFFIC LANES SHOWN IN THE STAGING PLAN ARE 12' UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. CONSTRUCT PAVEMENT, SHOULDER, CULVERTS, ENTRANCES AS SHOWN ON THE STAGING PLAN



- BARRIER WALL REMOVAL OR CONCRETE CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL
- SHOULDER REMOVAL

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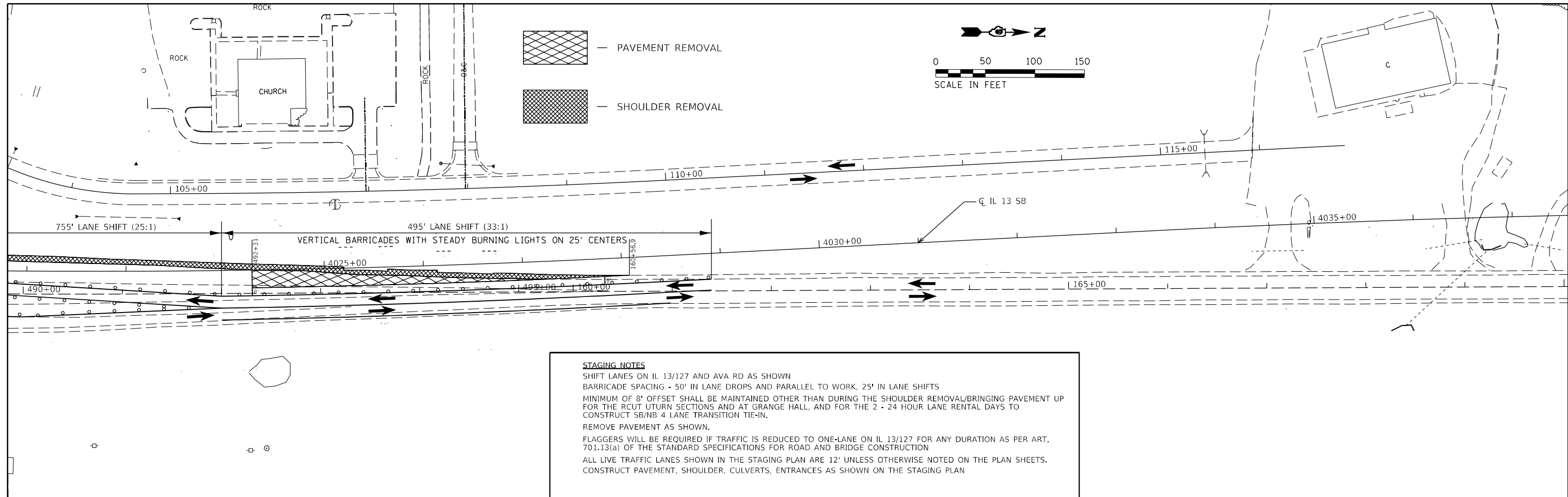
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| USER NAME = fowlera | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

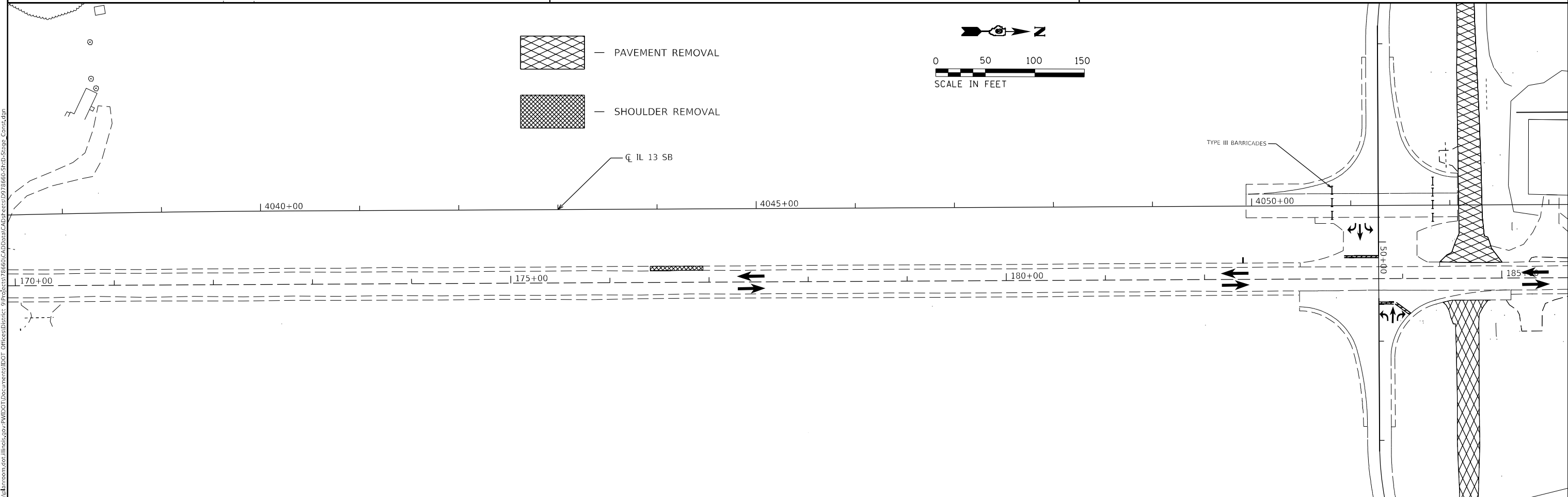
STAGE 2 REMOVAL

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|-------------------------|----------------|------------------|--------------|
| F.A.P. RTE. 42 | SECTION 13N-1,(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 93 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



STAGING NOTES
 SHIFT LANES ON IL 13/127 AND AVA RD AS SHOWN
 BARRICADE SPACING - 50' IN LANE DROPS AND PARALLEL TO WORK, 25' IN LANE SHIFTS
 MINIMUM OF 8' OFFSET SHALL BE MAINTAINED OTHER THAN DURING THE SHOULDER REMOVAL/BRINGING PAVEMENT UP FOR THE RCUT UTURN SECTIONS AND AT GRANGE HALL, AND FOR THE 2 - 24 HOUR LANE RENTAL DAYS TO CONSTRUCT SB/NB 4 LANE TRANSITION TIE-IN.
 REMOVE PAVEMENT AS SHOWN.
 FLAGGERS WILL BE REQUIRED IF TRAFFIC IS REDUCED TO ONE-LANE ON IL 13/127 FOR ANY DURATION AS PER ART. 701.13(a) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 ALL LIVE TRAFFIC LANES SHOWN IN THE STAGING PLAN ARE 12' UNLESS OTHERWISE NOTED ON THE PLAN SHEETS.
 CONSTRUCT PAVEMENT, SHOULDER, CULVERTS, ENTRANCES AS SHOWN ON THE STAGING PLAN



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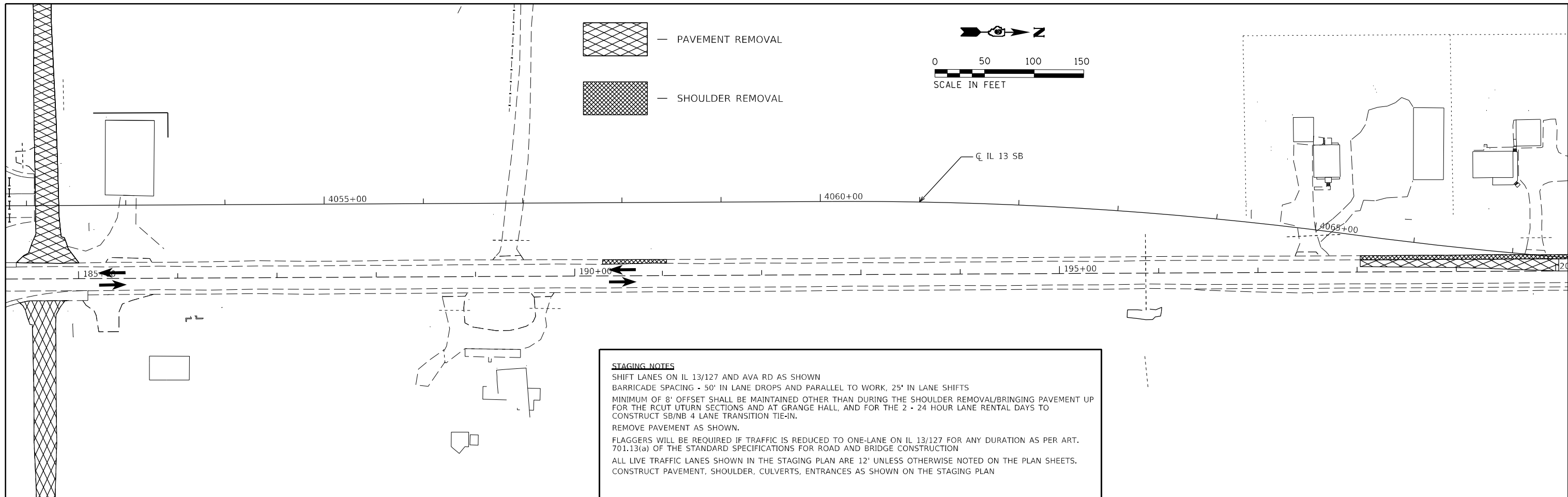
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| USER NAME = fowlera | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 2 REMOVAL

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 94 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



STAGING NOTES

SHIFT LANES ON IL 13/127 AND AVA RD AS SHOWN

BARRICADE SPACING - 50' IN LANE DROPS AND PARALLEL TO WORK, 25' IN LANE SHIFTS

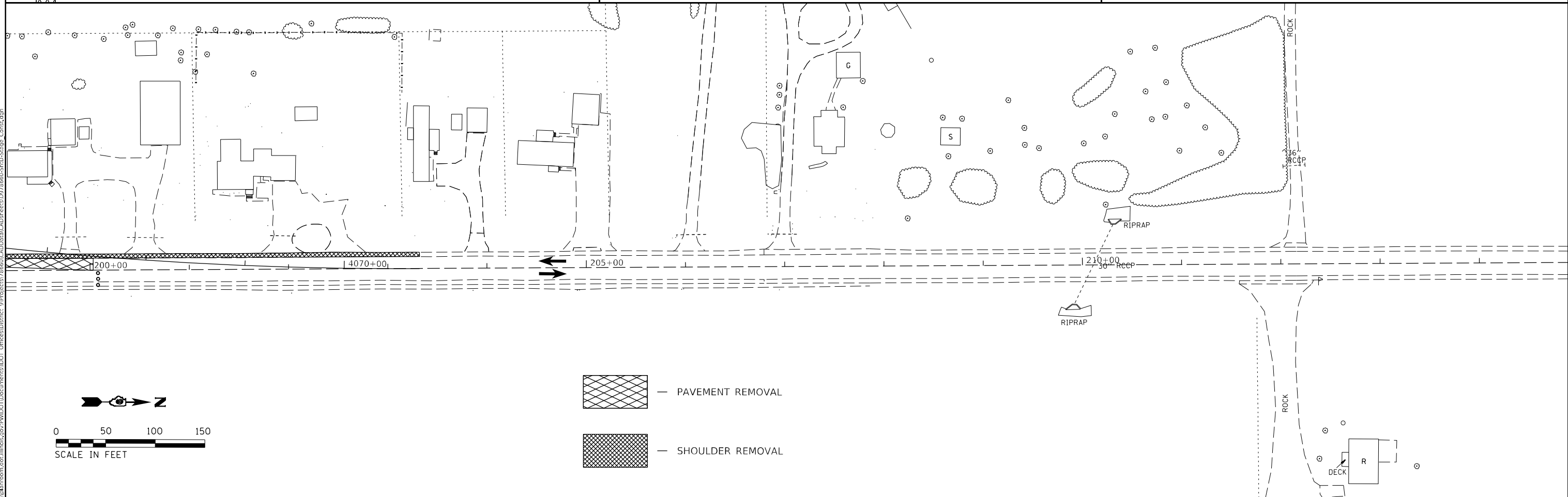
MINIMUM OF 8' OFFSET SHALL BE MAINTAINED OTHER THAN DURING THE SHOULDER REMOVAL/BRINGING PAVEMENT UP FOR THE RCUT UTURN SECTIONS AND AT GRANGE HALL, AND FOR THE 2 - 24 HOUR LANE RENTAL DAYS TO CONSTRUCT SB/NB 4 LANE TRANSITION TIE-IN.

REMOVE PAVEMENT AS SHOWN.

FLAGGERS WILL BE REQUIRED IF TRAFFIC IS REDUCED TO ONE-LANE ON IL 13/127 FOR ANY DURATION AS PER ART. 701.13(a) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

ALL LIVE TRAFFIC LANES SHOWN IN THE STAGING PLAN ARE 12' UNLESS OTHERWISE NOTED ON THE PLAN SHEETS.

CONSTRUCT PAVEMENT, SHOULDER, CULVERTS, ENTRANCES AS SHOWN ON THE STAGING PLAN



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 OFFICE: District 9
 DATE: 10/13/2020

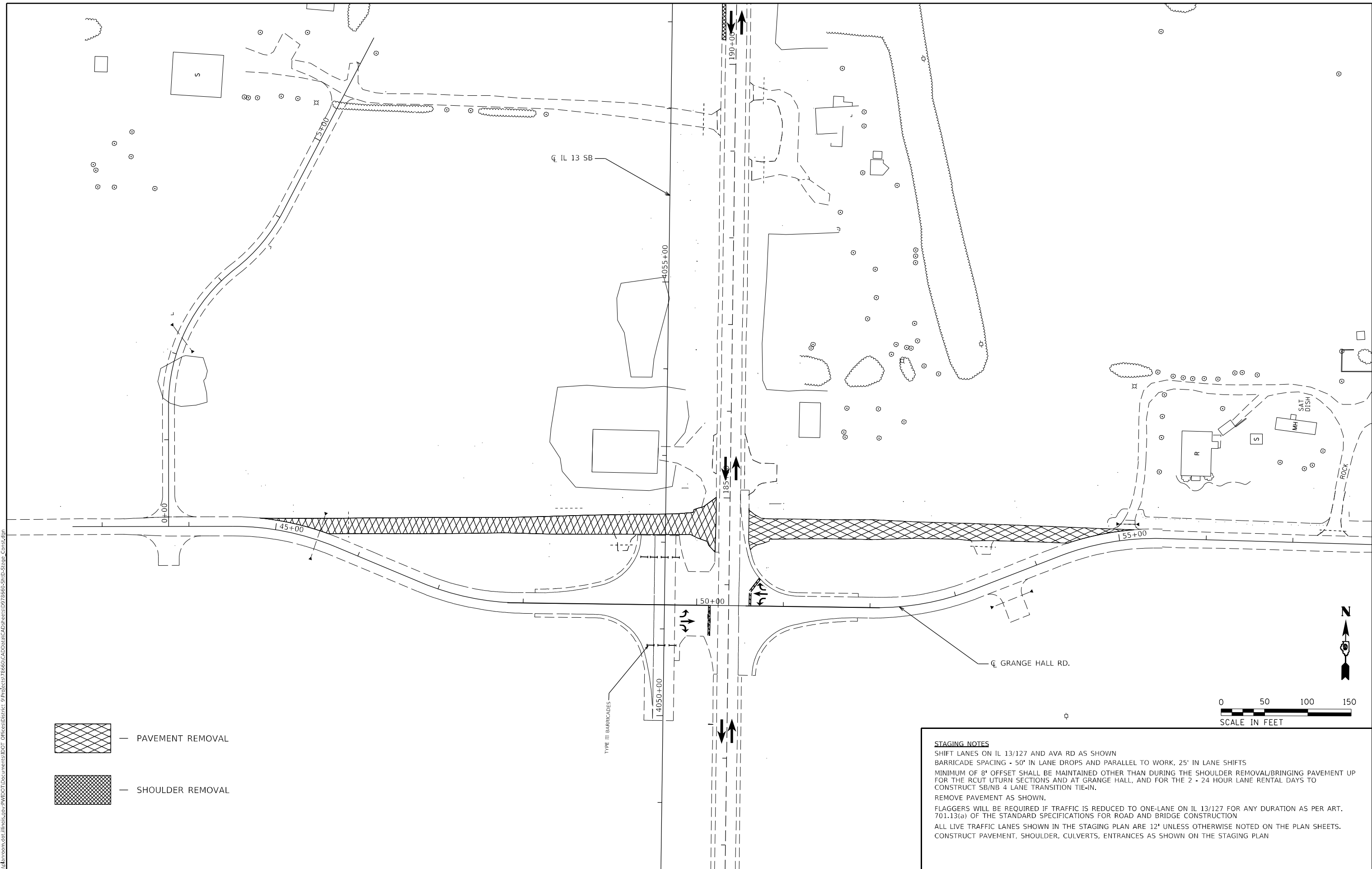
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| USER NAME = fowlera | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|------------------------|-------|----|--------|--------------|
| STAGE 2 REMOVAL | | | | |
| SCALE: | SHEET | OF | SHEETS | STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 95 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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- PAVEMENT REMOVAL
- SHOULDER REMOVAL

STAGING NOTES

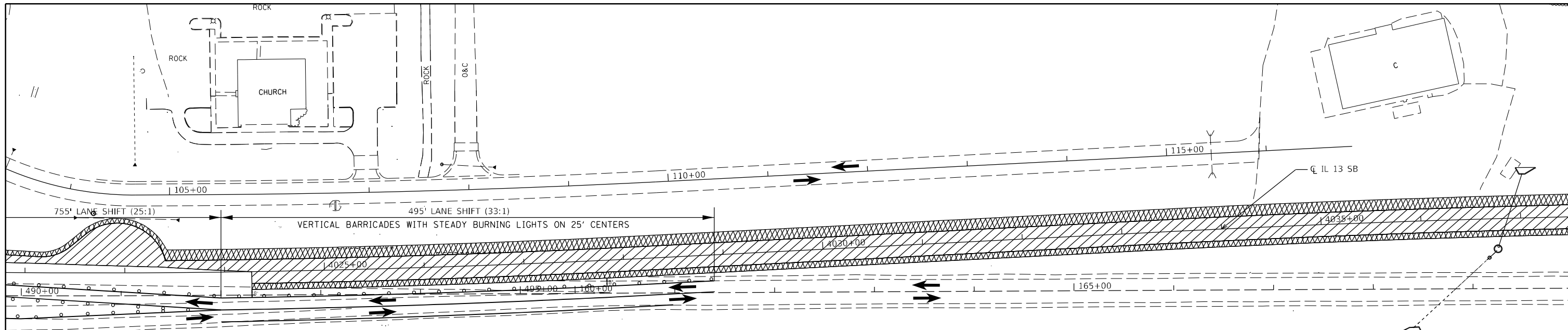
SHIFT LANES ON IL 13/127 AND AVA RD AS SHOWN
 BARRICADE SPACING - 50' IN LANE DROPS AND PARALLEL TO WORK, 25' IN LANE SHIFTS
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| | | |
|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| DRAWN - | REVISED - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/13/2020 | DATE - | REVISED - |

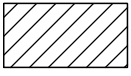
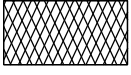
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

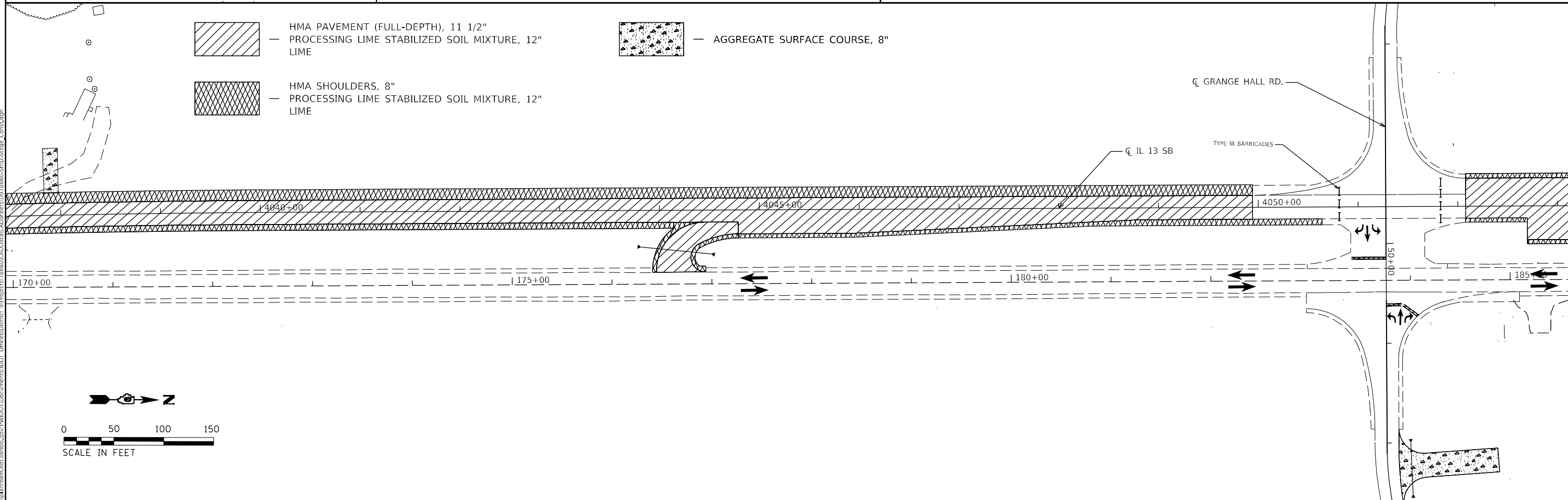
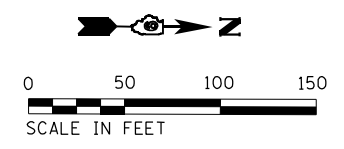
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| STAGE 2 REMOVAL | | | | |
| SCALE: | SHEET | OF | SHEETS | STA. TO STA. |

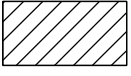


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|--------------------|-----------------|----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 96 |
| CONTRACT NO. 78660 | | | | |
| | | ILLINOIS | FED. AID PROJECT | |

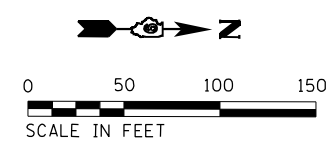


STAGING NOTES
 SHIFT LANES ON IL 13/127 AND AVA RD AS SHOWN
 BARRICADE SPACING - 50' IN LANE DROPS AND PARALLEL TO WORK, 25' IN LANE SHIFTS
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 REMOVE PAVEMENT AS SHOWN.
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-  HMA PAVEMENT (FULL-DEPTH), 11 1/2" PROCESSING LIME STABILIZED SOIL MIXTURE, 12" LIME
-  HMA SHOULDERS, 8" PROCESSING LIME STABILIZED SOIL MIXTURE, 12" LIME



-  HMA PAVEMENT (FULL-DEPTH), 11 1/2" PROCESSING LIME STABILIZED SOIL MIXTURE, 12" LIME
-  HMA SHOULDERS, 8" PROCESSING LIME STABILIZED SOIL MIXTURE, 12" LIME
-  AGGREGATE SURFACE COURSE, 8"



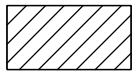
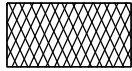
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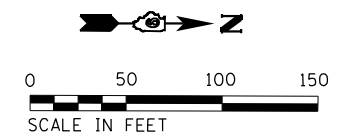
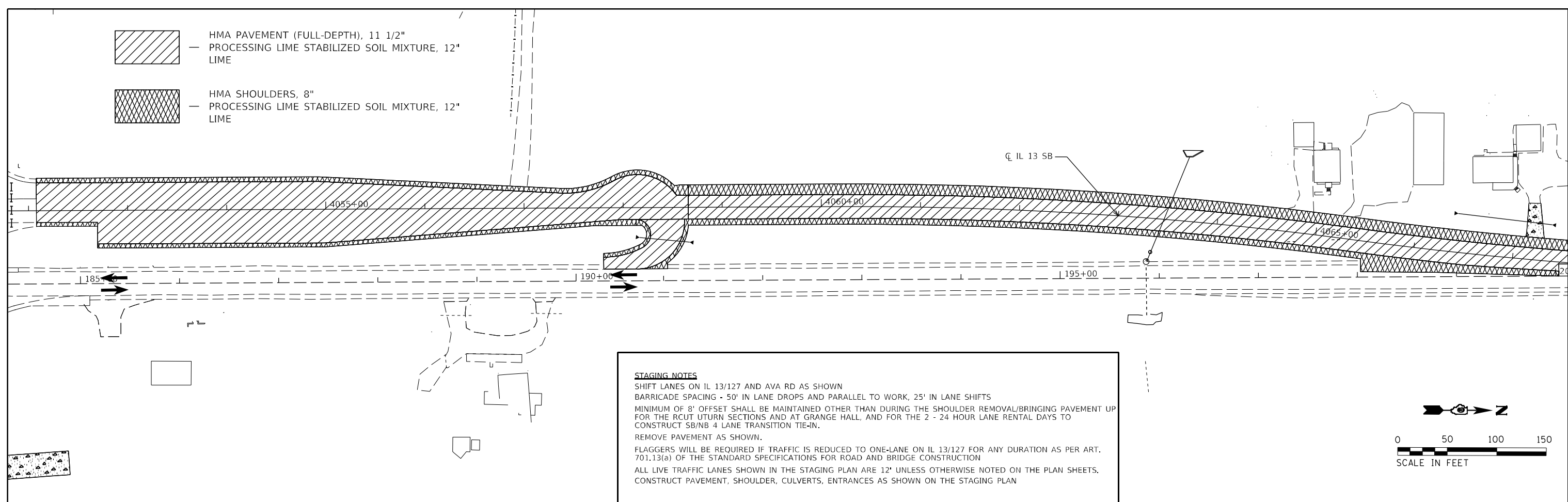
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| USER NAME = fowlera | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

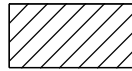
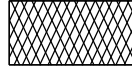
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| | | | | |
|-----------------------------|-------|----|--------|--------------|
| STAGE 2 CONSTRUCTION | | | | |
| SCALE: | SHEET | OF | SHEETS | STA. TO STA. |

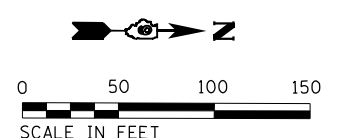
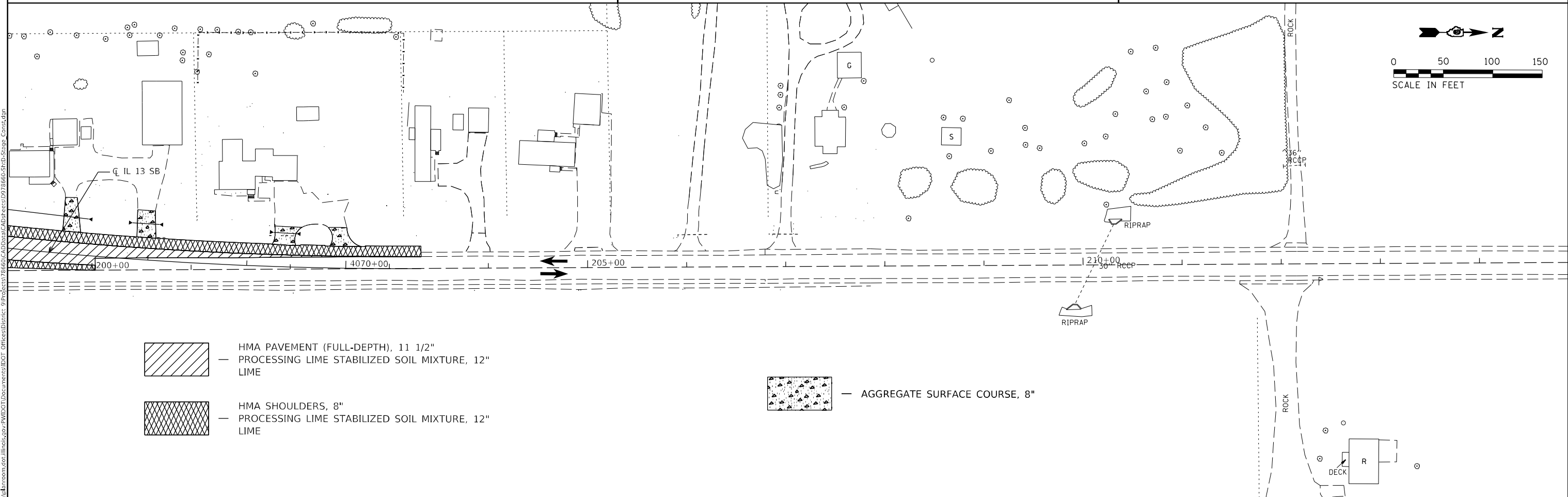
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| F.A.P. RTE. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 98 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

-  HMA PAVEMENT (FULL-DEPTH), 11 1/2"
— PROCESSING LIME STABILIZED SOIL MIXTURE, 12"
LIME
-  HMA SHOULDERS, 8"
— PROCESSING LIME STABILIZED SOIL MIXTURE, 12"
LIME



-  HMA PAVEMENT (FULL-DEPTH), 11 1/2"
— PROCESSING LIME STABILIZED SOIL MIXTURE, 12"
LIME
-  HMA SHOULDERS, 8"
— PROCESSING LIME STABILIZED SOIL MIXTURE, 12"
LIME

-  — AGGREGATE SURFACE COURSE, 8"



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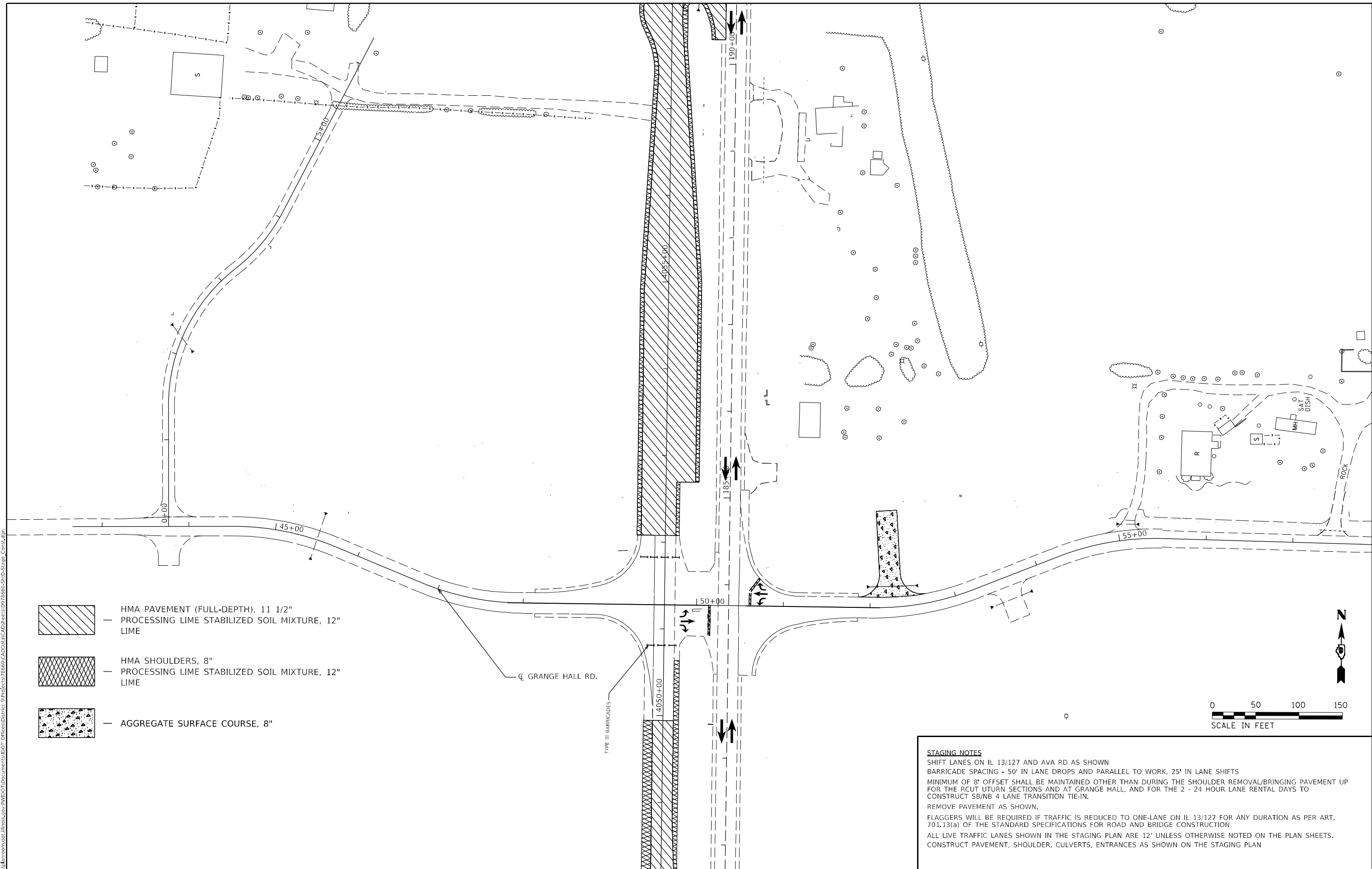
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|------------------------------|------------|-----------|
| USER NAME = fowlera | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/13/2020 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

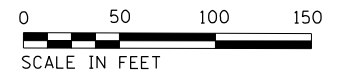
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| STAGE 2 CONSTRUCTION | | | | |
| SCALE: | SHEET | OF | SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|-------------------------|----------------|------------------|--------------|
| F.A.P. RTE. 42 | SECTION 13N-1.(13-1)N-2 | COUNTY JACKSON | TOTAL SHEETS 347 | SHEET NO. 99 |
| CONTRACT NO. 78660 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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- HMA PAVEMENT (FULL-DEPTH), 11 1/2"
 PROCESSING LIME STABILIZED SOIL MIXTURE, 12"
 LIME
- HMA SHOULDERS, 8"
 PROCESSING LIME STABILIZED SOIL MIXTURE, 12"
 LIME
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STAGING NOTES

SHIFT LANES ON IL 13/127 AND AVA RD AS SHOWN
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 CONSTRUCTION

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|---------|--------------------|-----------|
| 42 | 13N-1,(13-1)N-2 | JACKSON | 347 | 100 |
| | | | CONTRACT NO. 78660 | |
| ILLINOIS FED. AID PROJECT | | | | |