

04-26-2019 LETTING ITEM 139

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

US ROUTE 52 (FAP 0852) AT GOUGAR ROAD

INTERSECTION IMPROVEMENTS

SECTION NO.: 13-00011-00-CH

VILLAGE OF MANHATTAN

PROJECT NO. Q8QM(489)

WILL COUNTY

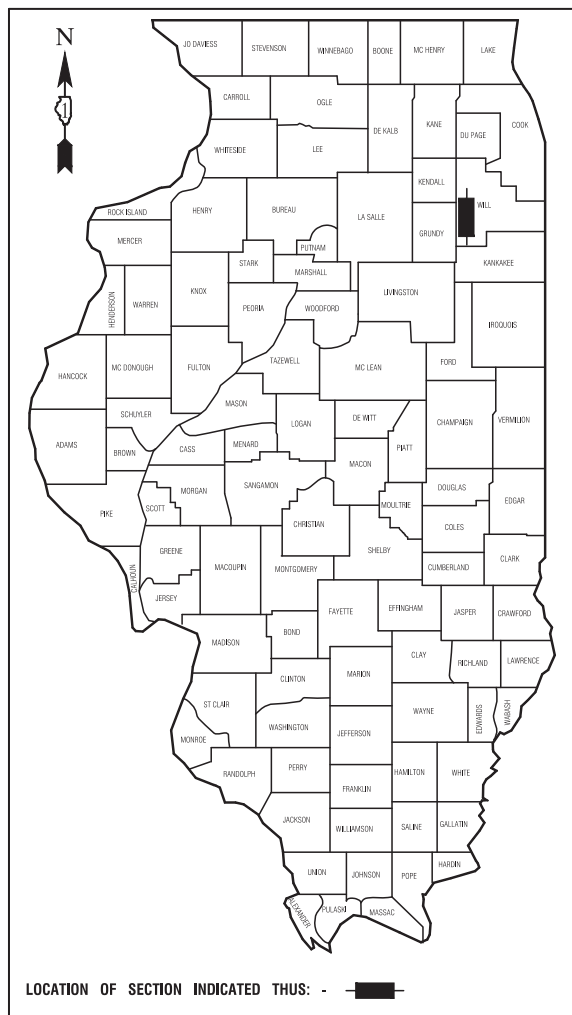
C-91-007-17

| | | | | |
|-----------------------|----------------|------------------|--------------|-----------|
| F. A. P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 1 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

CONTRACT #61F68

2013 ADT- 7,822
 POSTED SPEED LIMIT- 45 MPH
 DESIGN PERIOD- 3R GUIDELINES
 DESIGN SPEED LIMIT- 45 MPH
 DESIGN DESIGNATION- ARTERIAL

| | | |
|---------------------|-------------------|--------------------|
| | <u>SMITH ROAD</u> | <u>GOUGAR ROAD</u> |
| 2013 ADT- | 1,191 | 2,077 |
| 2040 ADT- | 8,000 | 9,000 |
| POSTED SPEED LIMIT- | 30 MPH | 30 MPH |
| DESIGN PERIOD- | 20 YEARS | 20 YEARS |
| DESIGN SPEED LIMIT- | 35 MPH | 35 MPH |
| DESIGN DESIGNATION- | LOCAL COLLECTOR | LOCAL COLLECTOR |



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved: *James M. Oph*
1-15-19
Mayor, Village of Manhattan

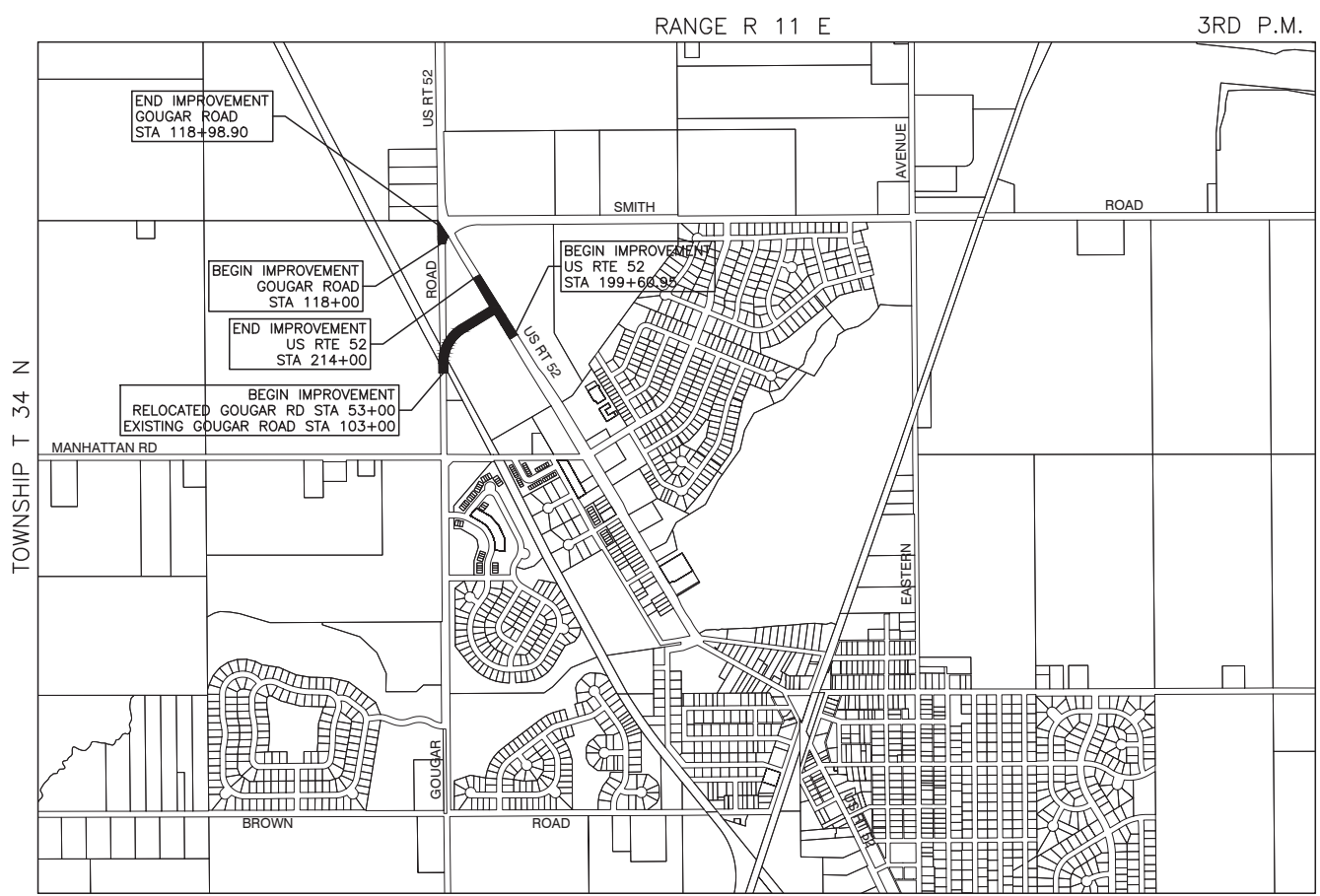
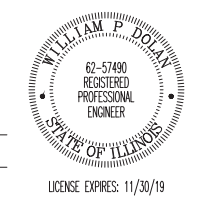
Passed: *Steph M. Faulstich*
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: *Anthony J. Doughty / CRB*
2/1/19
Deputy Director of Highways, Region 1 Engineer

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THE STATE OF ILLINOIS

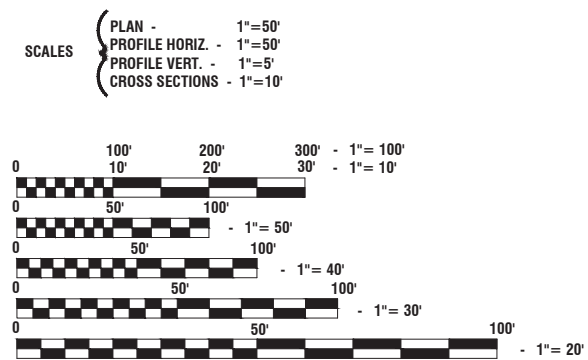
PREPARED BY OR UNDER THE
DIRECT SUPERVISION OF:

William P. Down
01-11-19



LOCATION MAP

GROSS LENGTH=2,442.10 FEET=0.463 MILES
NET LENGTH=2,442.10 FEET=0.463 MILES



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

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

CONTRACT NO. 61F68

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, PE, SCHAUMBURG, IL
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES
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- 5.-6. TYPICAL SECTIONS
- 7.-8. ALIGNMENT AND TIES
9. DETOUR PLAN
- 10.-15. PLAN & PROFILES
- 16.-17. CIVIL DETAILS
- 18.-23. DRAINAGE AND UTILITIES
- 24.-25. PAVEMENT MARKING PLAN
- 26.-27. SIGNING PLAN
- 28.-29. LANDSCAPE & EROSION CONTROL PLAN
- 30.-31. CONSTRUCTION DETAILS
- 32.-38A. DISTRICT ONE STANDARDS
- 39.-54. CROSS SECTIONS

HIGHWAY STANDARDS

| | |
|-----------|---|
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 442201-03 | CLASS C & D PATCHES |
| 482001-02 | HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT |
| 482011-03 | HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS |
| 542001-06 | CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 84"(2100mm) DIA |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 601001-05 | PIPE UNDERDRAINS |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE |
| 701011-04 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701101-05 | OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY |
| 701336-07 | LANE CLOSURE, 2L, 2W WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS & DELINEATORS |
| 729001-01 | APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-04 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |

GENERAL NOTES

1. ALL ROADWAY CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO, AND IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS FOR CONSTRUCTION AND IN CASE OF CONFLICT, THE PROJECT SPECIFICATIONS SHALL TAKE PRECEDENCE.
2. ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, AND IN ACCORDANCE WITH THE SPECIFICATIONS FOR CONSTRUCTION IN THE VILLAGE OF MANHATTAN UNLESS OTHERWISE NOTED ON THE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 AND THE VILLAGE OF MANHATTAN FOR UTILITY LOCATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION OPERATIONS DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING, WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE ORDER OF ITS WORK FROM TIME TO TIME, TO COORDINATE SAME WITH UTILITY RELOCATION WORK, AND SHALL PREPARE REVISED SCHEDULE (S) IN COMPLIANCE THEREWITH AS DIRECTED BY THE OWNER. THE OWNER AND THE ENGINEER SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY OPERATION REQUIRED COOPERATION WITH OTHERS. ALL OTHER AGENCIES, UNLESS OTHERWISE NOTED, WILL BE NOTIFIED IN WRITING BY THE CONTRACTOR TEN (10) DAYS PRIOR TO THE START OF ANY SUCH OPERATION. THE UTILITY COMPANIES HAVE BEEN CONTACTED IN REFERENCE TO UTILITIES THEY OWN AND OPERATE WITHIN THE LIMITS FOR THIS PROJECT. ALL KNOWN DATA FROM THESE AGENCIES HAS BEEN INCORPORATED INTO THE PLANS. IT IS HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL UTILITY FACILITIES AND THEIR EXACT LOCATIONS, WHETHER CONTAINED IN THE DATA SUBMITTED BY THESE AGENCIES OR NOT, AND TO SAFELY SCHEDULE ALL UTILITY RELOCATIONS.
5. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET BY THE CONTRACTOR AS APPROVED BY THE ENGINEER.
6. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS REQUIRED FOR SUCH DISPOSAL. THE REMOVAL SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS REMOVAL ITEMS.
7. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.
8. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
9. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
10. THE TRENCHES FOR PIPE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY TRENCH SHALL BE PROVIDED BY THE CONTRACTOR AND THE COST OF SUCH SHALL BE INCLUDED IN THE UNIT PRICE BID AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DEWATERING DURING CONSTRUCTION UNLESS APPROVED IN WRITING BY THE OWNER.
11. TRENCH BACKFILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE SEWERS AND WATER MAIN WITHIN TWO (2) FEET OF PROPOSED OR EXISTING PAVEMENT.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
13. THE THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS FROM THE NOMINAL THICKNESS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
14. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE OR IDOT RIGHT OF WAY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
15. THE ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR THE WILL COUNTY AREA, VIA E-MAIL AT ERIC.CAMPOS@ILLINOIS.GOV OR AT (815)485-6475 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
16. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR VIA E-MAIL AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV, ROBINSON ENGINEERING AT (708)331-6700, AND THE VILLAGE OF MANHATTAN AT (815)418-2100 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
17. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE DEPARTMENT'S INTENT TO MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES DURING THE WIDENING OF US RTE 52. ANY SHORT TERM ACTIVITY THAT REQUIRES ENCROACHMENT ON THE LANES OPEN TO TRAFFIC SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 AM TO 3:00 PM. LANE CLOSURES SHALL BE IN ACCORDANCE WITH THE APPLICABLE IDOT TRAFFIC CONTROL STANDARDS.
18. LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE HMA SURFACE LIFT AND UNDER THE TOP HMA BINDER LIFT ON GOUGAR ROAD AND US ROUTE 52.
19. ALL EXCAVATIONS FOR PAVEMENT WIDENING SHALL BE BACKFILLED TO PREVENT DROPOFFS GREATER THAN EIGHTEEN INCHES (18") OVERNIGHT PER IDOT'S SAFETY POLICY 4-15.
20. HOT-MIX ASPHALT SURFACE COURSE OVER THE HOT-MIX ASPHALT SHOULDER SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SHOULDER, 6" AND 8" PAY ITEMS MEASURED FOR PAYMENT IN SQUARE YARDS.

STORM SEWER NOTES

1. THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MANHATTAN AND BE SALVAGED. THE OWNER SHALL BE NOTIFIED AS TO AVAILABILITY FOR PICK-UP.
2. THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS.
3. FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED.

EARTHWORK NOTES

1. GENERAL
 - A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE.
 - B. ANY QUANTITIES IN THE BID PROPOSAL ARE INTENDED AS A GUIDE FOR THE CONTRACTORS USE IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE HIMSELF OF ALL SITE CONDITIONS.
 - C. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE AND SUBGRADE ELEVATIONS (AS NOTED) AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE ACCOUNTED FOR.
 - D. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION, AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. THE FAILURE TO PROVIDE PROPER DRAINAGE WILL NEGATE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.
 - E. PLANS FOR THE SITE DEWATERING, IF EMPLOYED, SHALL BE SUBMITTED AND APPROVED PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DEWATERING DURING CONSTRUCTION.
 - F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES". THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT AND FILTER FENCING, ETC. TO PROTECT ADJACENT PROPERTY, WETLANDS, ETC. SHALL OCCUR BEFORE GRADING BEGINS.
 - G. ALL STORM INLETS SHALL BE PROTECTED BY INLET FILTERS. PLACEMENTS AND MAINTENANCE OR SILT BARRIER SHALL BE AS DIRECTED BY THE ENGINEER, BASED ON ACTUAL GRADING. GRADE THE AREA WITHIN FOUR (4) FEET AROUND STRUCTURES ONE (1) FOOT BELOW RIM TO SERVE AS A SEDIMENTATION BASIN DURING CONSTRUCTION.
 - H. FINAL LOCATION OF SILT FENCE SHALL BE ADJUSTED BASED ON ACTUAL SITE GRADING CONDITIONS. ADDITIONAL MEASURES SHALL BE ADDED AS DIRECTED BY THE ENGINEER.
 - I. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESEDED AS SOON AS PRACTICAL.
 - J. TOPSOIL STRIPPING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION OR TOPSOIL EXCAVATION AND PLACEMENT AS NEEDED.
 - K. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
 - L. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
 - M. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
 - N. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
 - O. GRADING FOR SIDE PATH SHELF ALONG US ROUTE 52 SHALL BE PAID FOR AS EARTH EXCAVATION AS DETERMINED BY THE ENGINEER IN THE FIELD.

LANDSCAPING NOTES

1. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIAL ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

FILE NAME = 12620_02-INDX-01 - IDOT P01

| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- RG | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS

INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES

SCALE: NONE SHEET NO. 2 OF 54 SHEETS STA. TO STA.

| | | | | |
|--------------------------------|----------------|--------|--------------------|-----------|
| F.A.P. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-GH | WILL | 54 | 2 |
| FED. ROAD DIST. NO. 1 ILLINOIS | | | CONTRACT NO. 61F68 | |
| FED. AID PROJECT ---- | | | | |

| SUMMARY OF QUANTITIES | | | | | ROADWAY | SAFETY | TRAINEES | |
|-----------------------|------|----------|--|-------|----------------|------------------------|----------|------|
| S.P. | S.I. | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION TYPE CODE | | |
| | | | | | | 0004 | 0021 | 0042 |
| | | 20200100 | EARTH EXCAVATION | CU YD | 2930 | 2930 | | |
| | | 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 425 | 425 | | |
| | | 20800150 | TRENCH BACKFILL | CU YD | 100 | 100 | | |
| | | 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 1265 | 1265 | | |
| | | 21101505 | TOPSOIL EXCAVATION AND PLACEMENT | CU YD | 1030 | 1030 | | |
| | | 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 3815 | 3815 | | |
| | | 21400100 | GRADING AND SHAPING DITCHES | FOOT | 200 | 200 | | |
| | | 25000210 | SEEDING, CLASS 2A | ACRE | 2.50 | 2.50 | | |
| | | 25000312 | SEEDING, CLASS 4A | ACRE | 0.50 | 0.50 | | |
| | | 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 270 | 270 | | |
| | | 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 270 | 270 | | |
| | | 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 270 | 270 | | |
| | | 25100630 | EROSION CONTROL BLANKET | SQ YD | 13475 | 13475 | | |
| | | 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 300 | 300 | | |
| | | 28000305 | TEMPORARY DITCH CHECKS | FOOT | 420 | 420 | | |
| | | 28000400 | PERIMETER EROSION BARRIER | FOOT | 1775 | 1775 | | |
| | | 28100105 | STONE RIPRAP, CLASS A3 | SQ YD | 60 | 60 | | |
| | | 28200200 | FILTER FABRIC | SQ YD | 60 | 60 | | |
| △ | | 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 425 | 425 | | |
| △ | | 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12" | SQ YD | 8000 | 8000 | 8000 | |
| | | 31101200 | SUBBASE GRANULAR MATERIAL, TYPE B 4" | SQ YD | 3000 | | 3000 | |
| | | 35101600 | AGGREGATE BASE COURSE, TYPE B 4" | SQ YD | 25 | 25 | | |
| | | 35101800 | AGGREGATE BASE COURSE, TYPE B 6" | SQ YD | 165 | 165 | | |
| | | 35501324 | HOT-MIX ASPHALT BASE COURSE, 10" | SQ YD | 615 | 615 | | |
| | | 35600716 | HOT-MIX ASPHALT BASE COURSE WIDENING, 10" | SQ YD | 1050 | 1050 | | |

| SUMMARY OF QUANTITIES | | | | | ROADWAY | SAFETY | TRAINEES | |
|-----------------------|------|----------|---|-------|----------------|------------------------|----------|------|
| S.P. | S.I. | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION TYPE CODE | | |
| | | | | | | 0004 | 0021 | 0042 |
| | | 40200900 | AGGREGATE SURFACE COURSE, TYPE B | CU YD | 30 | 30 | | |
| | | 40201000 | AGGREGATE FOR TEMPORARY ACCESS | TON | 210 | 210 | | |
| | | 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 7110 | 7110 | | |
| | | 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 7315 | 7315 | | |
| | | 40603080 | HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50 | TON | 1165 | 1165 | | |
| | | 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | 425 | 425 | | |
| | | 40603340 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 | TON | 195 | 195 | | |
| | | 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 200 | | 200 | |
| | | 42400800 | DETECTABLE WARNINGS | SQ FT | 40 | | 40 | |
| | | 44000100 | PAVEMENT REMOVAL | SQ YD | 2300 | 2300 | | |
| | | 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 110 | 110 | | |
| | | 44201785 | CLASS D PATCHES, TYPE I, 12 INCH | SQ YD | 25 | 25 | | |
| | | 44201789 | CLASS D PATCHES, TYPE II, 12 INCH | SQ YD | 50 | 50 | | |
| | | 44201794 | CLASS D PATCHES, TYPE III, 12 INCH | SQ YD | 50 | 50 | | |
| | | 44201796 | CLASS D PATCHES, TYPE IV, 12 INCH | SQ YD | 100 | 100 | | |
| | | 48100500 | AGGREGATE SHOULDERS, TYPE A 6" | SQ YD | 870 | | 870 | |
| | | 48203021 | HOT-MIX ASPHALT SHOULDERS, 6" | SQ YD | 800 | | 800 | |
| | | 48203029 | HOT-MIX ASPHALT SHOULDERS, 8" | SQ YD | 2210 | | 2210 | |
| | | 50105220 | PIPE CULVERT REMOVAL | FOOT | 25 | 25 | | |
| △ | | 54001001 | BOX CULVERT END SECTIONS, CULVERT NO. 1 | EACH | 2 | 2 | | |
| △ | | 54010403 | PRECAST CONCRETE BOX CULVERTS 4' X 3' | FOOT | 60 | 60 | | |
| | | 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 6 | 6 | | |
| △ | | 542A0220 | PIPE CULVERTS, CLASS A, TYPE 1 15" | FOOT | 150 | 150 | | |
| △ | | 60108204 | PIPE UNDERDRAINS, TYPE 2, 4" | FOOT | 3920 | 3920 | | |
| △ | * | 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 750 | 750 | | |

* - INDICATES SPECIALTY ITEMS
△ - INDICATES SPECIAL PROVISIONS

| | | | |
|---|----------------------|----------------|-----------|
| FILE NAME = 12820_02-QUAN-01 - IDOT-Q01 | USER NAME = | DESIGNED - WPD | REVISED - |
| | | CHECKED - PK | REVISED - |
| | PLOT SCALE = | DRAWN - MED | REVISED - |
| | PLOT DATE = 01-11-19 | CHECKED - APG | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 3 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |

| SUMMARY OF QUANTITIES | | | | | ROADWAY | SAFETY | TRAINEES | |
|-----------------------|------|----------|--|--------|----------------|------------------------|----------|------|
| S.P. | S.I. | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION TYPE CODE | | |
| | | | | | | 0004 | 0021 | 0042 |
| △ | * | 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 4 | 4 | | |
| △ | * | 66901001 | "REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN" | LSUM | 1 | 1 | | |
| △ | * | 66901002 | "ON-SITE MONITORING OF REGULATED SUBSTANCES" | CAL DA | 10 | 10 | | |
| △ | * | 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | LSUM | 1 | 1 | | |
| | | 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 3 | 3 | | |
| | | 67100100 | MOBILIZATION | LSUM | 1 | 1 | | |
| | | 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SQ FT | 215 | 215 | | |
| | | 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 9865 | 9865 | | |
| | | 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 505 | 505 | | |
| | | 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 275 | 275 | | |
| | | 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 40 | 40 | | |
| | * | 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 160 | 160 | | |
| | * | 72400100 | REMOVE SIGN PANEL ASSEMBLY - TYPE A | EACH | 14 | 14 | | |
| | * | 72400600 | RELOCATE SIGN PANEL ASSEMBLY - TYPE B | EACH | 1 | 1 | | |
| | * | 72900100 | METAL POST - TYPE A | FOOT | 135 | 135 | | |
| | * | 72900200 | METAL POST - TYPE B | FOOT | 175 | 175 | | |
| | * | 73000100 | WOOD SIGN SUPPORT | FOOT | 20 | 20 | | |
| | * | 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 215 | 215 | | |
| | * | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 9865 | 9865 | | |
| | * | 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 505 | 505 | | |
| | * | 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 275 | 275 | | |
| | * | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 40 | 40 | | |
| | * | 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 126 | 126 | | |
| | | 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 48 | 48 | | |
| △ | | X0322936 | REMOVE EXISTING FLARED END SECTION | EACH | 2 | 2 | | |

| SUMMARY OF QUANTITIES | | | | | ROADWAY | SAFETY | TRAINEES | MANHATTAN | |
|-----------------------|------|----------|--|-------|----------------|------------------------|----------|-----------|------|
| S.P. | S.I. | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION TYPE CODE | | | |
| | | | | | | 0004 | 0021 | 0042 | 0003 |
| | | X0327980 | PAVEMENT MARKING REMOVAL - WATER BLASTING | SQ FT | 2015 | | | 2015 | |
| △ | | X0350805 | FOLD DOWN BOLLARDS | EACH | 2 | | | 2 | |
| △ | | X0350810 | BOLLARD REMOVAL | EACH | 10 | | | 10 | |
| △ | | X1200050 | BOX CULVERT REMOVAL | FOOT | 65 | 65 | | | |
| △ | | X2511630 | EROSION CONTROL BLANKET (SPECIAL) | SQ YD | 2200 | 2200 | | | |
| △ | | X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | LSUM | 1 | | | 1 | |
| △ | | X7030005 | TEMPORARY PAVEMENT MARKING REMOVAL | SQ FT | 3600 | 3600 | | | |
| △ | | XX003668 | PRECONSTRUCTION VIDEO TAPING | LSUM | 1 | | | | 1 |
| △ | | Z0004002 | BOLLARDS | EACH | 8 | 8 | | | |
| △ | | Z0017400 | DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED | EACH | 1 | 1 | | | |
| △ | | Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 105 | | | 105 | |
| | | Z0033700 | LONGITUDINAL JOINT SEALANT | FOOT | 5125 | 5125 | | | |
| | | Z0076600 | TRAINEES | HOURL | 500 | | | 500 | |
| | | Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE | HOURL | 500 | | | 500 | |

* - INDICATES SPECIALTY ITEMS
△ - INDICATES SPECIAL PROVISIONS

FILE NAME = 12620_02-QUAN-01 - IDOT-001 (2)
USER NAME =
DESIGNED -- WPD
CHECKED -- PK
REVISOR --
PLOT SCALE =
DRAWN -- MED
REVISOR --
PLOT DATE = 01-11-19
CHECKED -- APG
REVISOR --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
SUMMARY OF QUANTITIES
SCALE: NONE SHEET NO. 4 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 4 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |

LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE BASE
- (C) EXISTING AGGREGATE SHOULDER
- (D) EXISTING COMB. CURB AND GUTTER
- ▨ ITEM TO BE REMOVED
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5-3/4"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5-3/4"
- (4) HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (SEE PLAN AND PROFILE)
- (5) GRADING FOR SIDE PATH SHELVE
- (6) HOT-MIX ASPHALT SHOULDERS, 6"
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (8) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (9) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (10) HOT-MIX ASPHALT SHOULDERS, 8"
- (11) TOPSOIL, FURNISH AND PLACE, 4"
- (12) SEEDING, CLASS 2A
- (13) TYPE B-6.12 COMBINATION CURB AND GUTTER
- (14) AGGREGATE SHOULDER, TYPE A, 6"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

| MIXTURE TYPE | AIR VOIDS @ Ndes |
|---|------------------|
| HOT-MIX ASPHALT PAVEMENT RECONSTRUCTION - GOUGAR ROAD | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL-9.5mm) | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5-3/4" | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT PAVEMENT WIDENING - US ROUTE 52 | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (IL-9.5mm) | 4% @ 70 Gyr. |
| HOT-MIX ASPHALT BASE COURSE, 10" (HMA BINDER IL-19MM) | 4% @ 70 Gyr. |
| HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19MM) | 4% @ 70 Gyr. |
| HOT-MIX ASPHALT SHOULDERS, 6" - GOUGAR ROAD | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL-9.5mm) | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4" | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT SHOULDERS, 8" - US ROUTE 52 | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2" (IL-9.5mm) | 4% @ 70 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6" | 4% @ 70 Gyr. |
| HOT-MIX ASPHALT MULTI-USE PATH | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2" (IL-9.5mm) | 4% @ 50 Gyr. |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2" | 4% @ 50 Gyr. |
| CLASS D PATCHES, 12" | |
| CLASS D PATCHES (HMA BINDER IL-19mm) | 4% @ 70 Gyr. |

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
THE AC TYPE FOR NON-POLYMERIZED HMA MIXTURES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISION. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

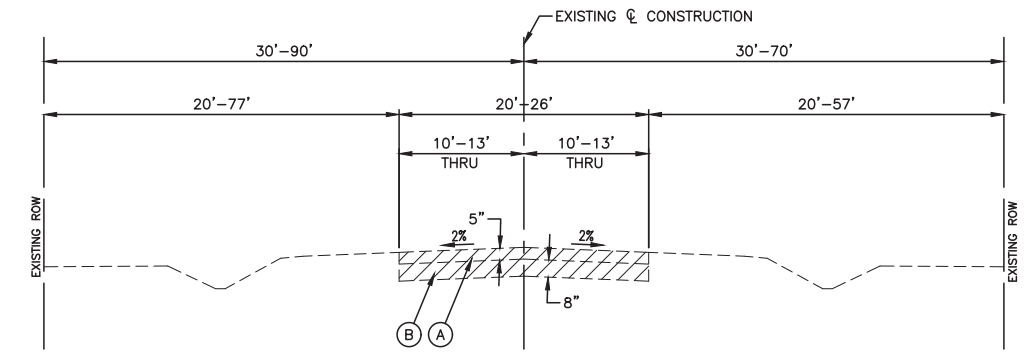
SOILS NOTE:

A QUANTITY FOR AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN INCLUDED FOR LOCATIONS OF SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE ENCOUNTERED, THE SOILS SHALL BE DISKED AND AIR DRIED ACCORDING TO ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS. IF DISKING AND DRYING FAILS, THE UNSUITABLE MATERIALS SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

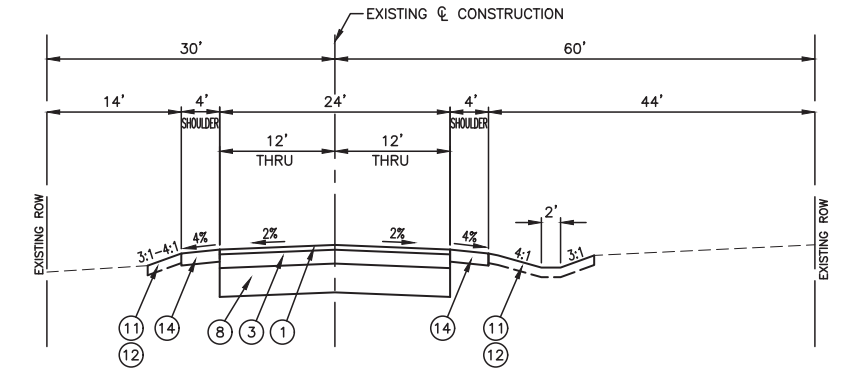
EXISTING TOPSOIL ON THE PROJECT SITE SHALL BE STRIPPED AND STOCKPILED AT A LOCATION TO BE APPROVED BY THE ENGINEER. THIS TOPSOIL SHALL BE PLACED ON EMBANKMENT AND PARKWAYS WHEN FINAL GRADING HAS BEEN COMPLETED. THIS WORK WILL BE PAID FOR AS TOPSOIL, EXCAVATION AND PLACEMENT. EXISTING TOPSOIL AMOUNTS GREATER THAN THAT NEEDED TO COMPLETE THE PLANS AS SPECIFIED SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR, WHICH SHALL BE PAID FOR AS EARTH EXCAVATION. EXISTING TOPSOIL WAS ESTIMATED AT FOUR INCHES IN DEPTH.

EARTHWORK QUANTITIES

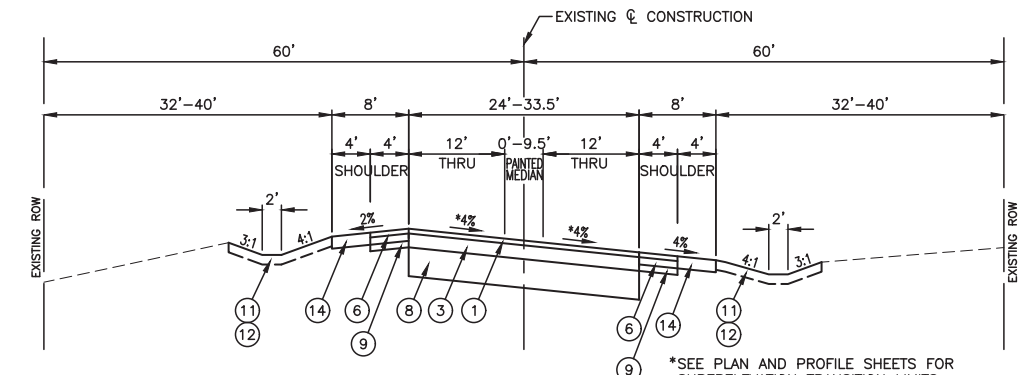
| | | |
|--|---|----------|
| TOTAL CUT (AS SHOWN ON SECTIONS) | = | 4,134 CY |
| TOTAL TOPSOIL + EXISTING HMA PAVEMENT (ESTIMATED) | = | 1,220 CY |
| EARTH EXCAVATION (TOTAL AVAILABLE CUT TO FILL) | = | 2,914 CY |
| TOTAL FILL (AS SHOWN ON SECTIONS) | = | 1,039 CY |
| CUT TO FILL (15% SHRINKAGE) | = | 1,195 CY |
| HAUL OFF (TOTAL AVAILABLE CUT TO FILL-CUT TO FILL) | = | 1,719 CY |



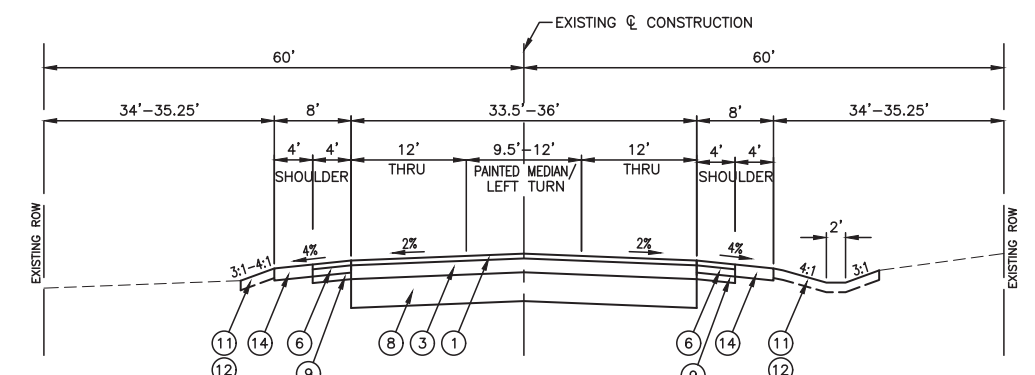
EXISTING TYPICAL SECTION
GOUGAR ROAD
STA. 103+00 TO STA 119+19.20



PROPOSED TYPICAL SECTION
GOUGAR ROAD (RELOCATED)
STA. 53+00 TO STA 53+17.07



PROPOSED TYPICAL SECTION
GOUGAR ROAD (RELOCATED)
STA 53+17.07 TO STA 59+61.89



PROPOSED TYPICAL SECTION
GOUGAR ROAD (RELOCATED)
STA 59+61.89 TO STA 62+90.23

FILE NAME = 12620_02-TYPX-01 - P01

| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

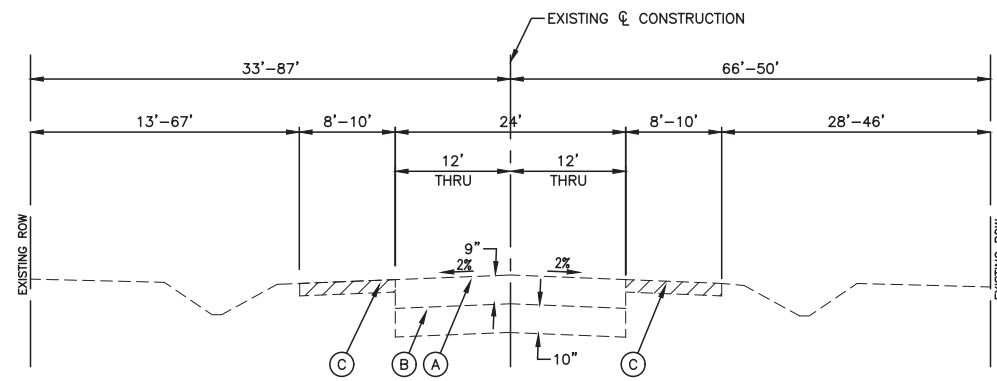
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
TYPICAL CROSS SECTIONS

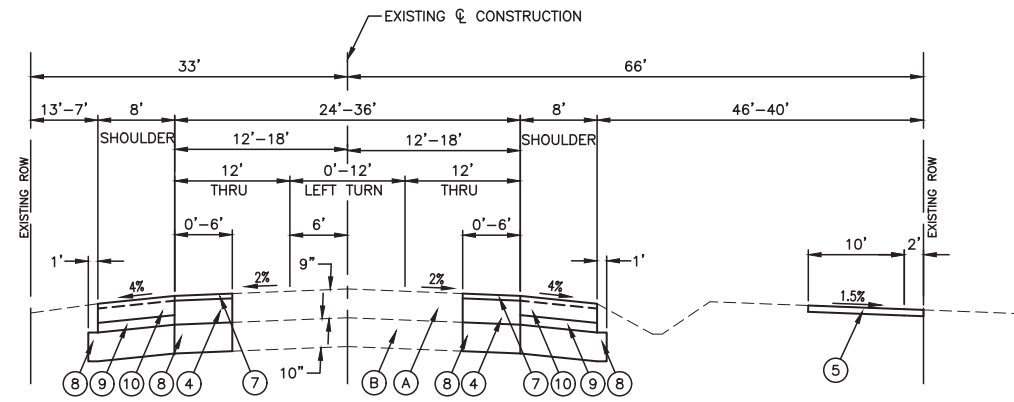
SCALE: 1"=10'

SHEET NO. 5 OF 54 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|----------------|--------|--------------|-----------|
| 0852 | 13-00011-00-CH | WILL | 54 | 5 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



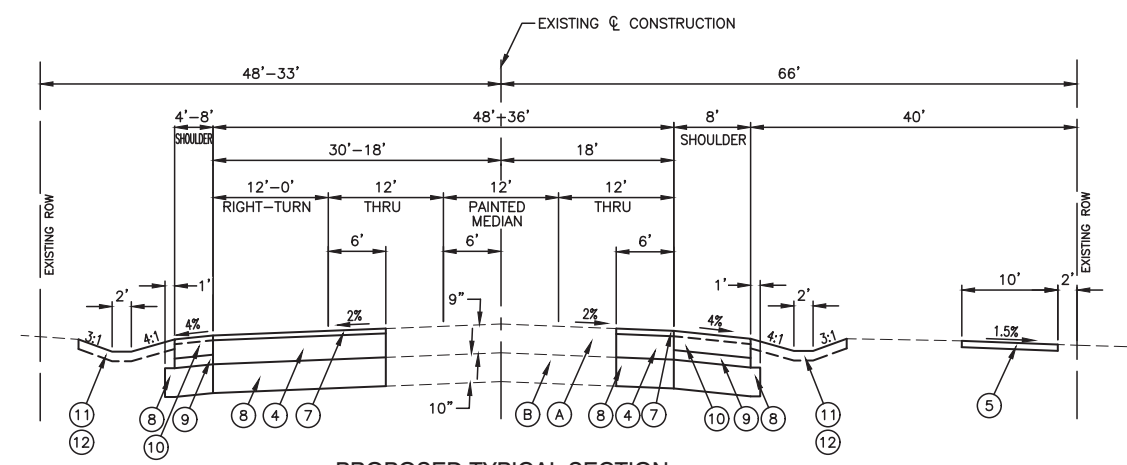
EXISTING TYPICAL SECTION
US ROUTE 52
STA. 199+60.95 TO STA. 214+00



PROPOSED TYPICAL SECTION
US ROUTE 52
STA 199+60.95 TO STA 206+13.95

LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE BASE
- (C) EXISTING AGGREGATE SHOULDER
- (D) EXISTING COMB. CURB AND GUTTER
- ▨ ITEM TO BE REMOVED
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5-3/4"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5-3/4"
- (4) HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (SEE PLAN AND PROFILE)
- (5) GRADING FOR SIDE PATH SHELF
- (6) HOT-MIX ASPHALT SHOULDERS, 6"
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (8) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (9) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (10) HOT-MIX ASPHALT SHOULDERS, 8"
- (11) TOPSOIL, FURNISH AND PLACE, 4"
- (12) SEEDING, CLASS 2A
- (13) TYPE B-6.12 COMBINATION CURB AND GUTTER
- (14) AGGREGATE SHOULDER, TYPE A, 6"



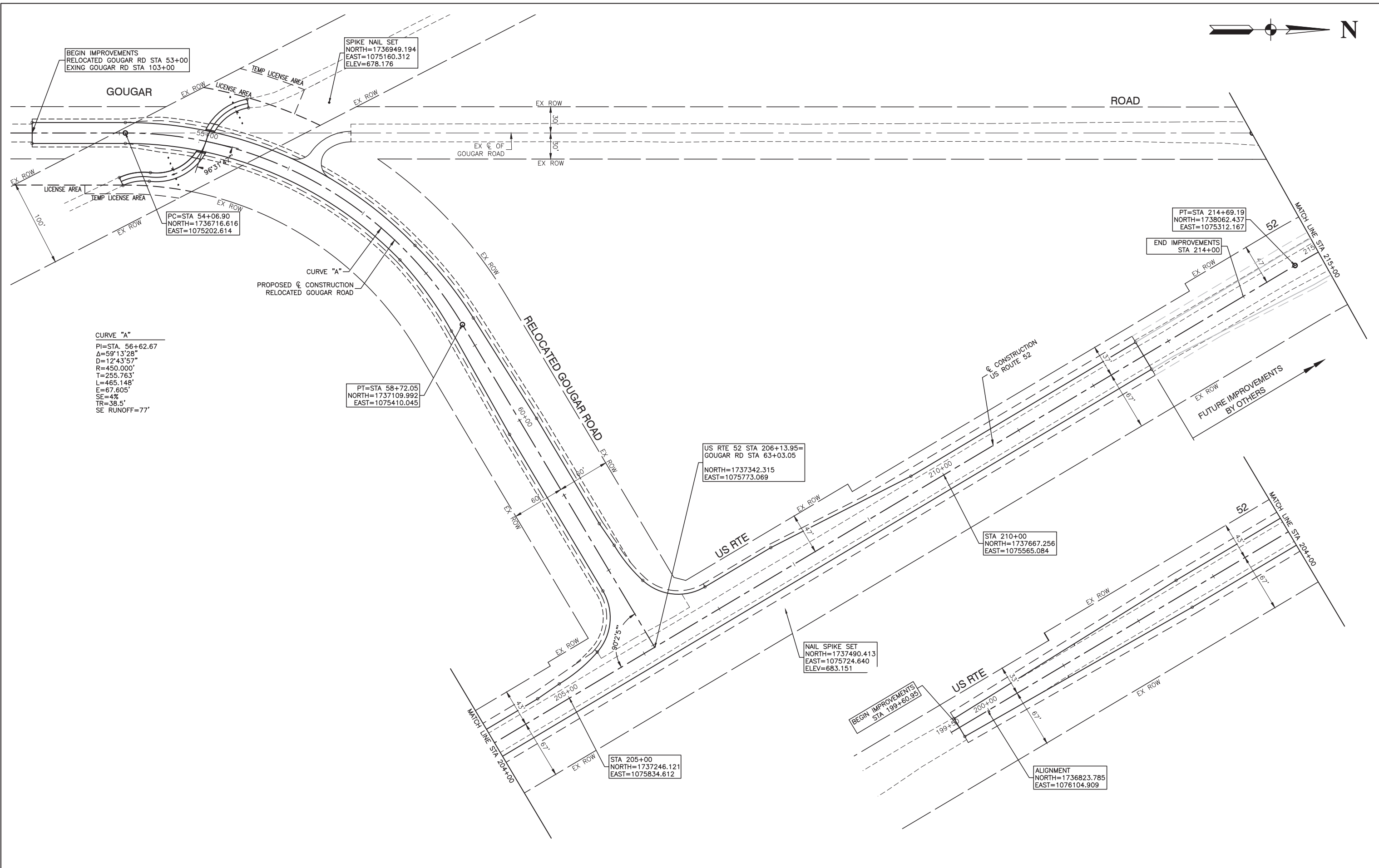
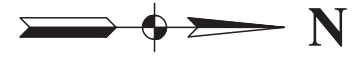
PROPOSED TYPICAL SECTION
US ROUTE 52
STA 206+13.95 TO STA 214+00

| | | | |
|------------------------------------|----------------------|-----------------|------------|
| FILE NAME = 12620_02-TYPX-01 - P02 | USER NAME = | DESIGNED -- WPD | REVISED -- |
| | | CHECKED -- PK | REVISED -- |
| | PLOT SCALE = | DRAWN -- MED | REVISED -- |
| | PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|---|--------------------------|
| US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | |
| TYPICAL CROSS SECTIONS | |
| SCALE: 1"=10' | SHEET NO. 6 OF 54 SHEETS |
| STA. | TO STA. |

| | | | | |
|-----------------------|----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 6 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | ---- | |



BEGIN IMPROVEMENTS
RELOCATED GOUGAR RD STA 53+00
EXISTING GOUGAR RD STA 103+00

SPIKE NAIL SET
NORTH=1736949.194
EAST=1075160.312
ELEV=678.176

PC=STA 54+06.90
NORTH=1736716.616
EAST=1075202.614

CURVE "A"
PI=STA. 56+62.67
Δ=59°13'28"
D=12'43'57"
R=450.000'
T=255.763'
L=465.148'
E=67.605'
SE=4%
TR=38.5'
SE RUNOFF=77'

PT=STA 58+72.05
NORTH=1737109.992
EAST=1075410.045

US RTE 52 STA 206+13.95=
GOUGAR RD STA 63+03.05
NORTH=1737342.315
EAST=1075773.069

STA 210+00
NORTH=1737667.256
EAST=1075565.084

NAIL SPIKE SET
NORTH=1737490.413
EAST=1075724.640
ELEV=683.151

STA 205+00
NORTH=1737246.121
EAST=1075834.612

PT=STA 214+69.19
NORTH=1738062.437
EAST=1075312.167

END IMPROVEMENTS
STA 214+00

ALIGNMENT
NORTH=1736823.785
EAST=1076104.909

FILE NAME = 12620_02-CTRL-01 - P01

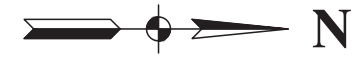
| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

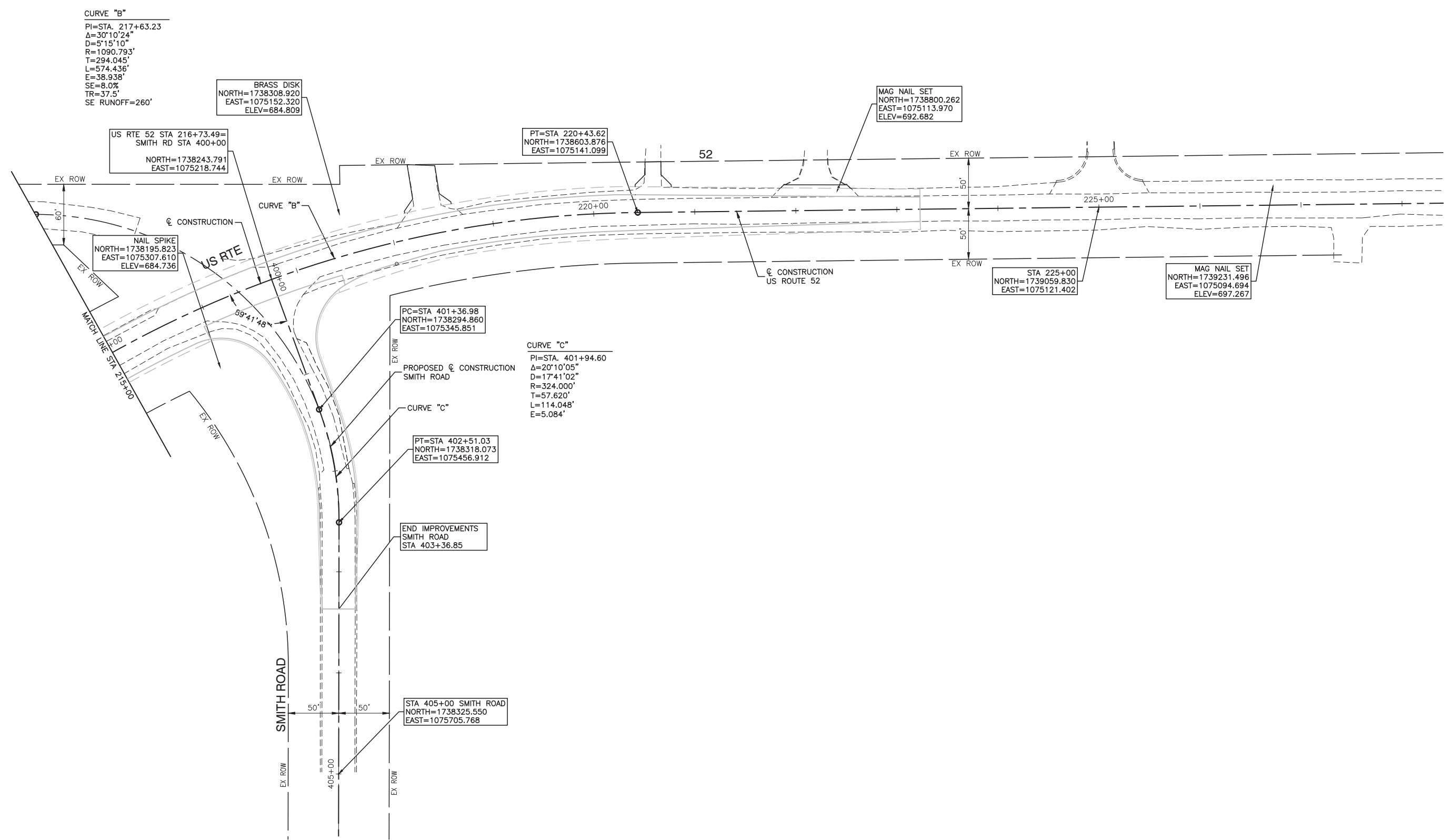
US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
PROPOSED GOUGAR ROAD AT US ROUTE
ALIGNMENT AND TIES

SCALE: 1"=50' SHEET NO. 7 OF 54 SHEETS STA. TO STA.

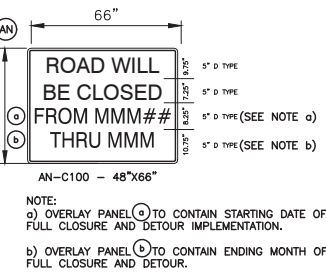
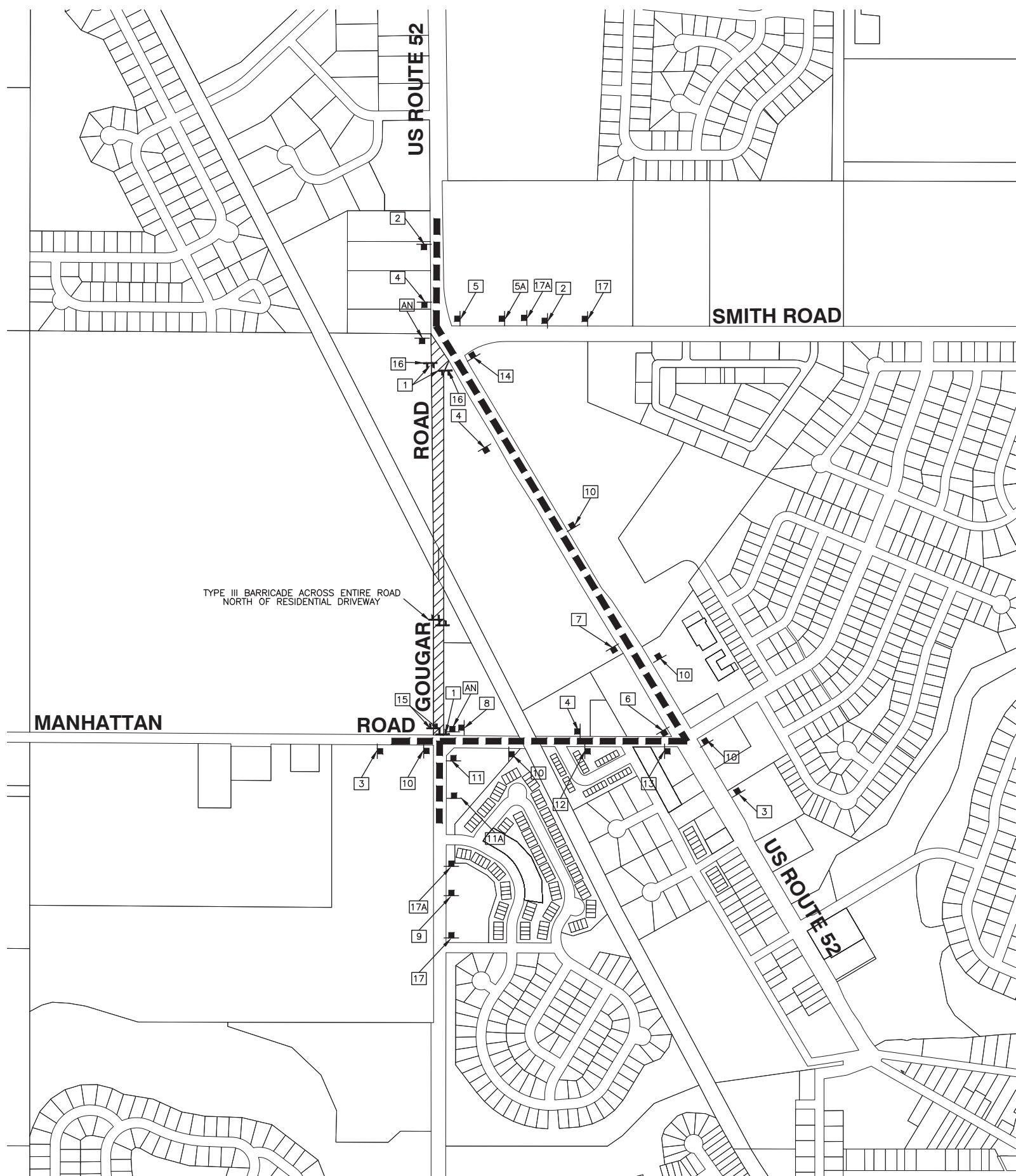
| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 7 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FUTURE IMPROVEMENT BY OTHERS



| | | | | | | | | | | | | | | |
|------------------------------------|----------------------|-----------------|------------|---|---|-------------|--------------|----------------|---------|--------|-----------------|--------------|----|---|
| FILE NAME = 12620_02-CTRL-01 - P02 | USER NAME = | DESIGNED -- WPD | REVISED -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS PROPOSED SMITH ROAD AT US ROUTE 52 ALIGNMENT AND TIES | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | |
| | | CHECKED -- PK | REVISED -- | | SCALE: 1"=50' | SHEET NO. 8 | OF 54 SHEETS | STA. | TO STA. | 0852 | 13-00011-00-CH | WILL | 54 | 8 |
| | PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- | | CONTRACT NO. 61F68 | | | | | | | | | |
| | PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | | | | | | |



- LEGEND**
- SUGGESTED DETOUR ROUTE
 - CONSTRUCTION AREA DURING DETOUR
 - TYPE III BARRICADE WITH STEADY BURNING LIGHT
 - SIGN, POST-MOUNTED, PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS
 - DIRECTION OF TRAFFIC

* D3-1 SIGNS MUST BE BLACK ON ORANGE BACKGROUND WITH 5" MINIMUM LETTER HEIGHT.

| | | | | | |
|----|---|----|---|-----|--|
| 1 | ROAD CLOSED R11-2 48"x30" ON TYPE III BARRICADE | 6 | SOUTH M3-3(O) 24"x12" | 12 | NORTH M3-1(O) 24"x12" |
| 2 | DETOUR AHEAD W20-2 48"x48" | 7 | Gougar Rd * D3-1(O) 36"x9" | 13 | Gougar Rd * D3-1(O) 36"x9" |
| 3 | DETOUR AHEAD W20-2 48"x48" | 8 | SOUTH M3-3(O) 24"x12" | 14 | NORTH M3-1(O) 24"x12" |
| 4 | SOUTH M3-3(O) 24"x12" | 9 | Gougar Rd * D3-1(O) 36"x9" | 15 | DETOUR M4-10R 48"x18" |
| 5 | SOUTH M3-3(O) 24"x12" | 10 | DETOUR M4-9 30"x24" | 16 | DETOUR M4-10L 48"x18" |
| 5A | SOUTH M3-3(O) 24"x12" | 11 | Gougar Rd * D3-1(O) 36"x9" | 17 | ROAD CLOSED AHEAD W20-3 48"x48" |
| | | 12 | DETOUR M4-9L(MOD) 30"x24" | 17A | NORTH M3-1(O) 24"x12" |
| | | 13 | Gougar Rd * D3-1(O) 36"x9" | | Gougar Rd * D3-1(O) 36"x9" |
| | | 14 | DETOUR M4-9R(MOD) 30"x24" | | DETOUR M4-9R(MOD) 30"x24" |
| | | 15 | SOUTH M3-3(O) 24"x12" | | DETOUR M4-9R(MOD) 30"x24" |
| | | 16 | Gougar Rd * D3-1(O) 36"x9" | | DETOUR M4-9R(MOD) 30"x24" |
| | | 17 | DETOUR M4-9R 30"x24" | | DETOUR M4-9R(MOD) 30"x24" |

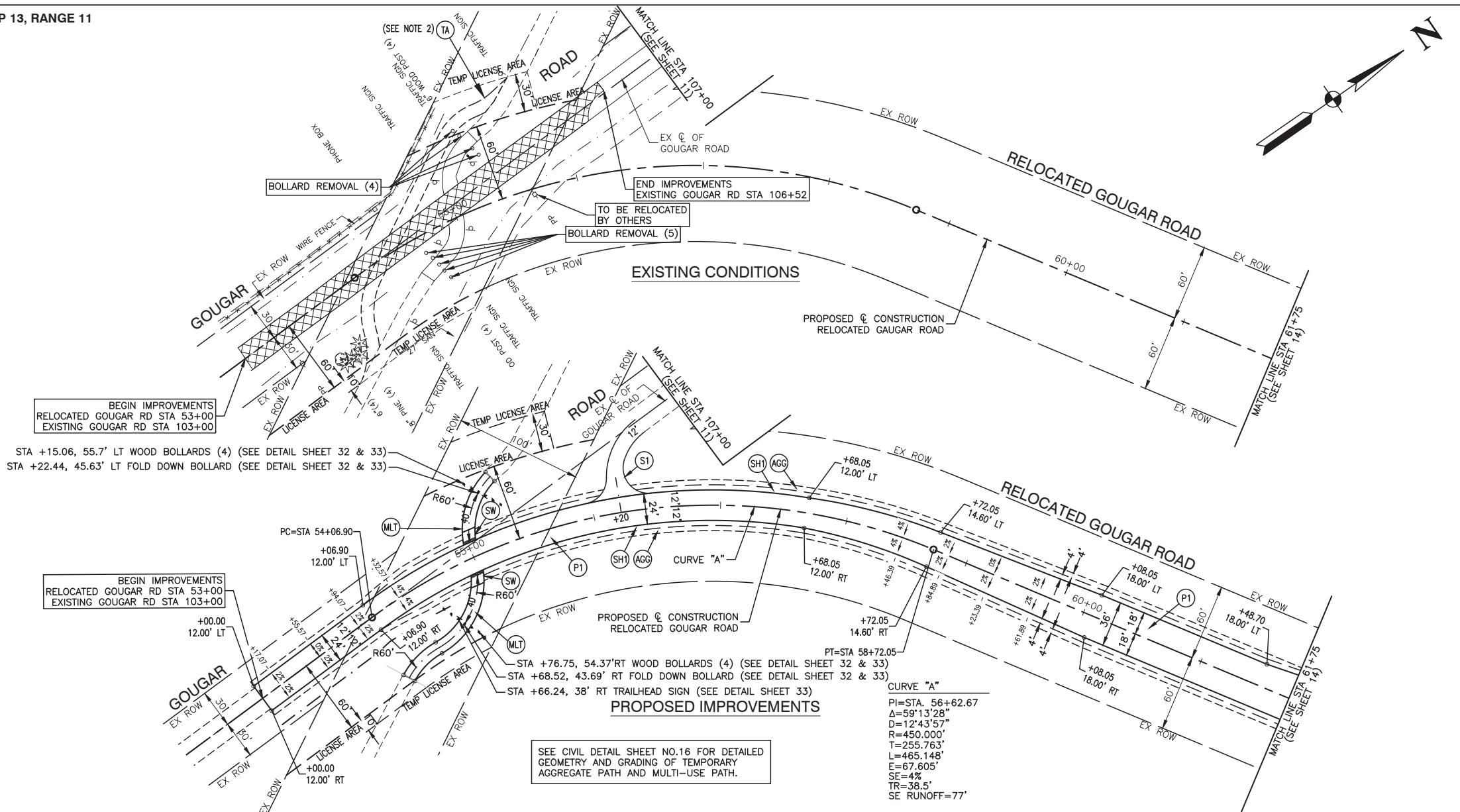
NOTE
1. ROAD CLOSURE FOR GOUGAR ROAD SHALL FOLLOW IDOT DISTRICT 1 DETAIL TC-21.

| | | | |
|------------------------------------|---------------|-----------------|------------|
| FILE NAME = 12820_02-DETR-01 - P02 | USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- | |
| PLOT SCALE = | DRAWN -- MED | REVISED -- | |
| PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|---|-------------|--------------|--------------|
| US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | | | |
| GOUGAR ROAD | | | |
| DETOUR PLAN | | | |
| SCALE: NONE | SHEET NO. 9 | OF 54 SHEETS | STA. TO STA. |

| | | | | |
|--------------------|----------------|--------|--|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 9 |
| CONTRACT NO. 61F68 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | |

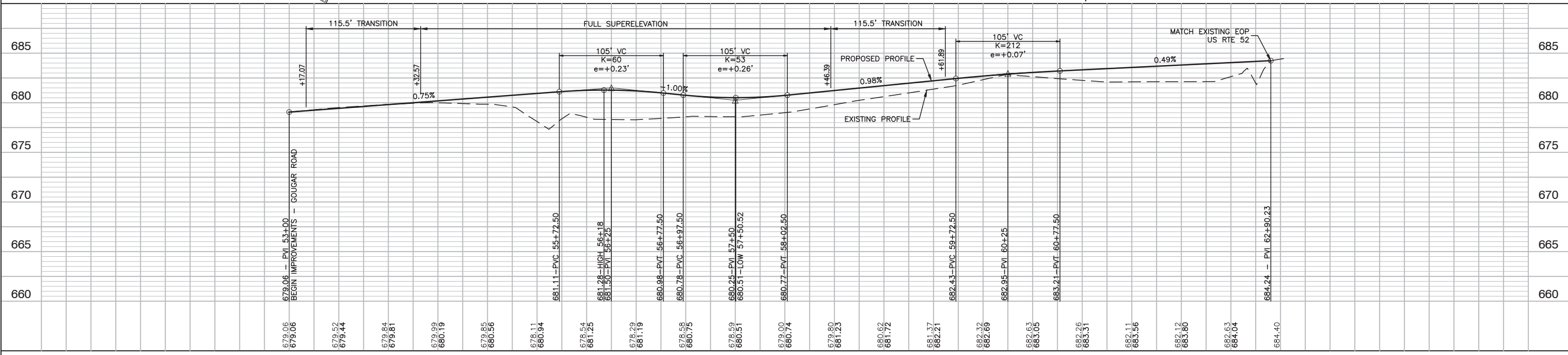


LEGEND

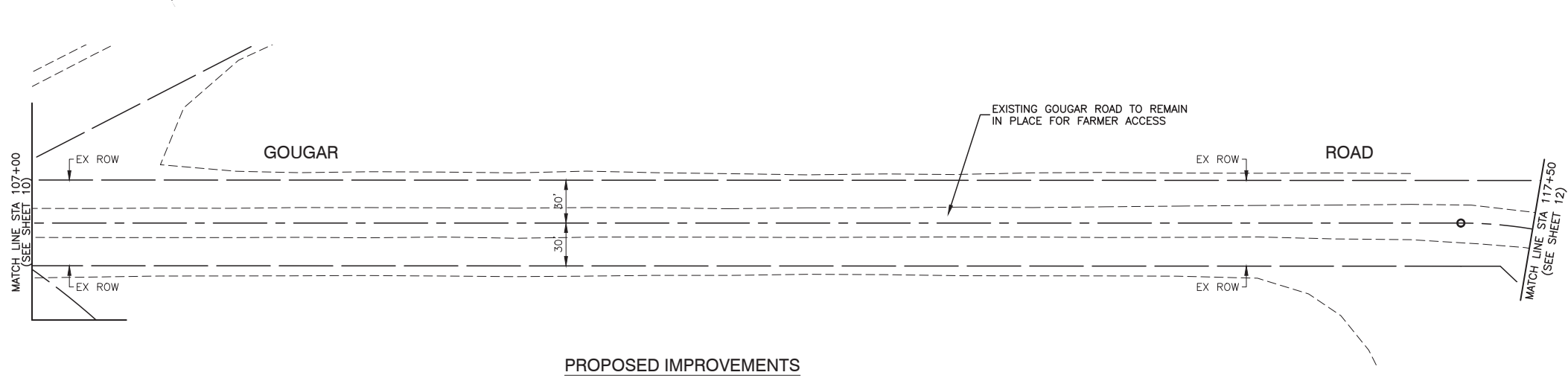
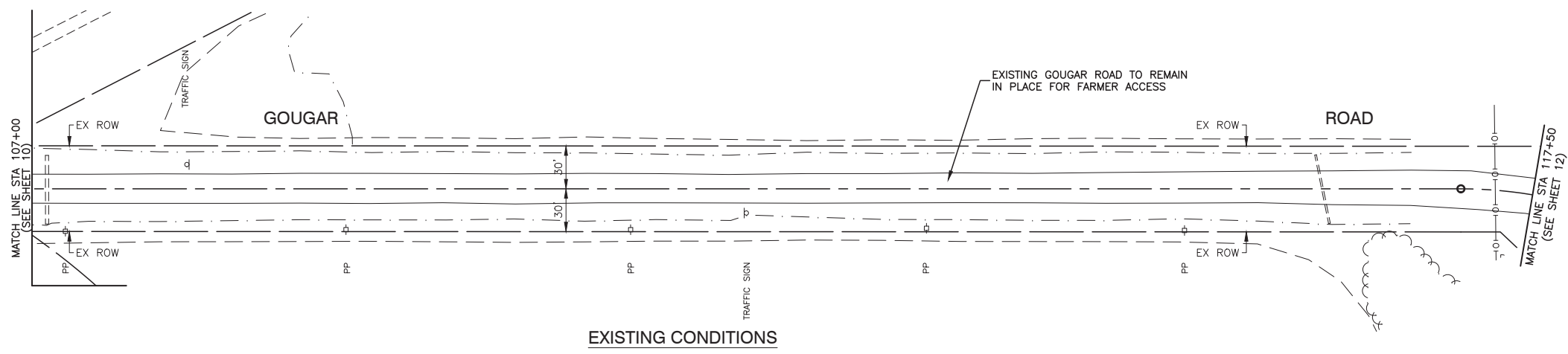
- (P1) GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P3) US ROUTE 52 HMA PAVEMENT WIDENING:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HOT-MIX ASPHALT BINDER COURSE, 10" (SEE NOTE 1)
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (SH1) HOT-MIX ASPHALT SHOULDERS, 6"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (SH2) HOT-MIX ASPHALT SHOULDERS, 8"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (TA) AGGREGATE FOR TEMPORARY ACCESS
- (S1) PRIVATE ENTRANCE
AGGREGATE SURFACE COURSE, TYPE B 10"
- (SW) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- (AGG) AGGREGATE SHOULDERS, TYPE A 6"
- (MLT) HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
AGGREGATE BASE COURSE, TYPE B 8"
- [Cross-hatched symbol] PAVEMENT REMOVAL
- [Dotted symbol] DETECTABLE WARNING

NOTES:

1. FOR WIDENING OF SIX FEET OR LESS, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE WIDENING, 10". FOR WIDENING OF GREATER THAN SIX FEET, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE, 10".
2. TEMPORARY AGGREGATE PATH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. FOR WIDENING SECTIONS INDICATED ON THE PLANS FOR TWO OR LESS, THE WIDENING SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE HOT-MIX ASPHALT SHOULDER SECTION.



| | | | | | | | | | | | | | |
|--|----------------------|-----------------|------------|---|--|----------------|--------------|------|-----------------------|----------|------------------|--------------|-----------|
| FILE NAME = 12620_02-PLPR-01 - IDOT PLPR 1 | USER NAME = | DESIGNED -- WPD | REVISED -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS PROPOSED GOUGAR ROAD PLAN & PROFILE | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1"=50' | CHECKED -- PK | REVISED -- | | 0852 | 13-00011-00-CH | WILL | 54 | 10 | | | | |
| | PLOT DATE = 01-11-19 | DRAWN -- MED | REVISED -- | | CONTRACT NO. 61F68 | | | | FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |
| | | CHECKED -- AG | REVISED -- | | SCALE: H 1"=50' V 1"=5' | SHEET NO. 10 | OF 54 SHEETS | STA. | TO STA. | | | | |

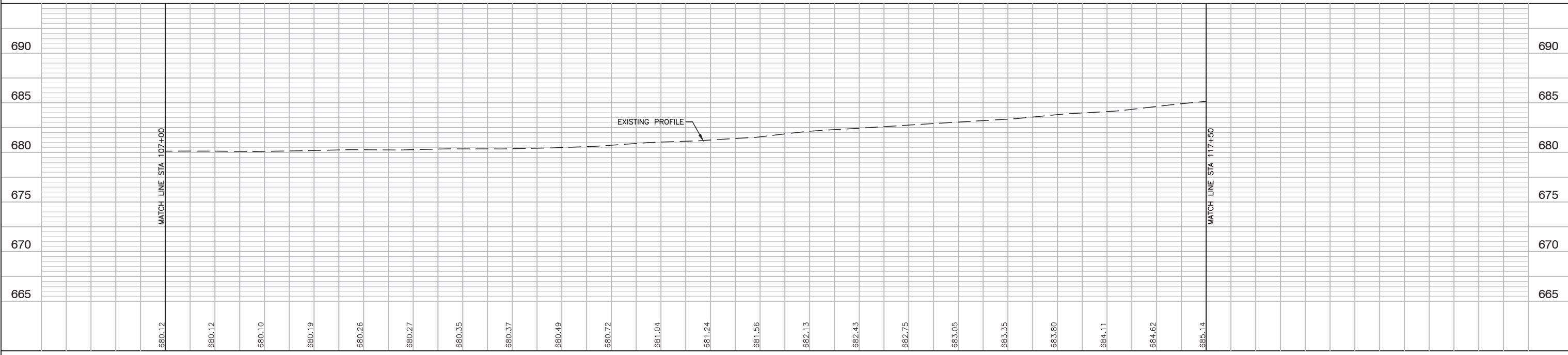


LEGEND

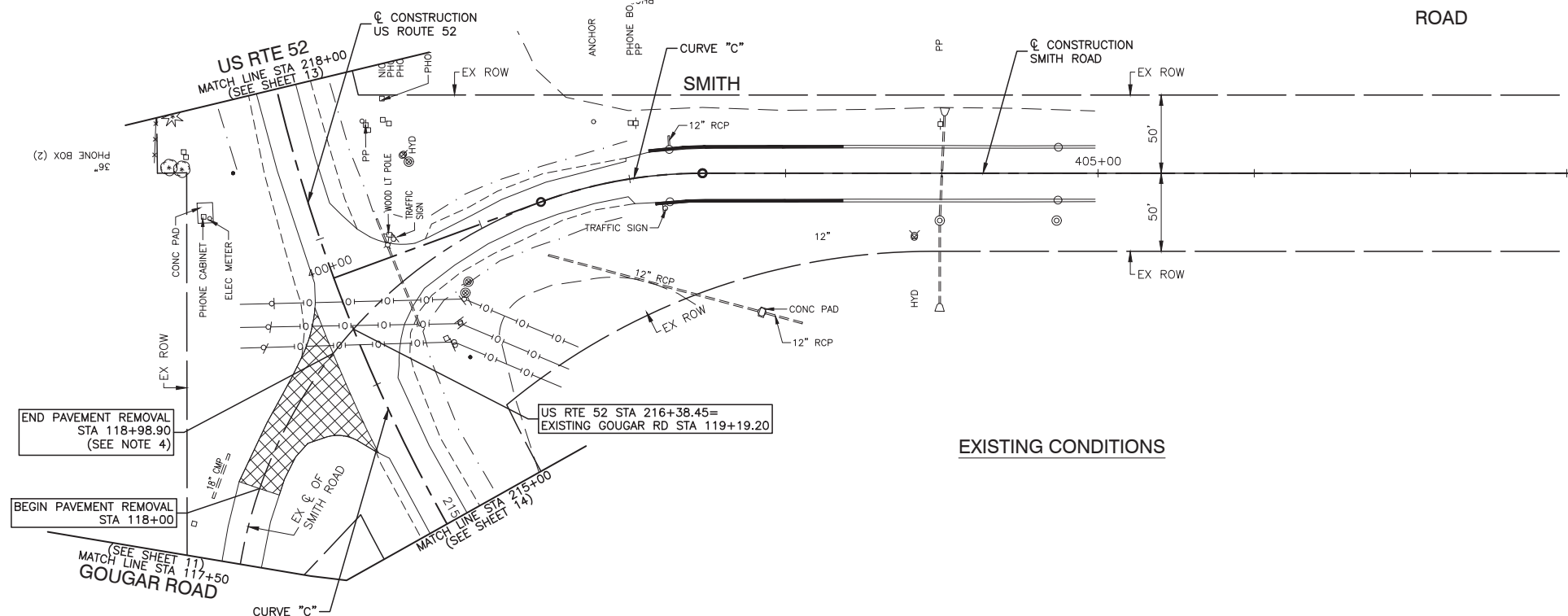
- (P1) GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P3) US ROUTE 52 HMA PAVEMENT WIDENING:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HOT-MIX ASPHALT BASE COURSE, 10" (SEE NOTE 1)
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (SH1) HOT-MIX ASPHALT SHOULDERS, 6"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (SH2) HOT-MIX ASPHALT SHOULDERS, 8"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (TA) AGGREGATE FOR TEMPORARY ACCESS
- (S1) PRIVATE ENTRANCE
AGGREGATE SURFACE COURSE, TYPE B 10"
- (SW) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- (AGG) AGGREGATE SHOULDERS, TYPE A 6"
- (MLT) HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
AGGREGATE BASE COURSE, TYPE B 8"
- (Cross-hatched symbol) PAVEMENT REMOVAL
- (Dotted symbol) DETECTABLE WARNING

NOTES:

1. FOR WIDENING OF SIX FEET OR LESS, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE WIDENING, 10". FOR WIDENING OF GREATER THAN SIX FEET, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE, 10".
2. TEMPORARY AGGREGATE PATH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. FOR WIDENING SECTIONS INDICATED ON THE PLANS FOR TWO OR LESS, THE WIDENING SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE HOT-MIX ASPHALT SHOULDER SECTION.



| | | | | | | | |
|---|--|---|--|---|---|--|--|
| FILE NAME = 12620_02-PLPR-01 - IDOT PLPR2 | USER NAME = _____ CHECKED — PK _____ PLOT SCALE = 1"=50' PLOT DATE = 01-11-19 | DESIGNED — WPD _____ CHECKED — PK _____ DRAWN — MED _____ CHECKED — AG _____ | REVISED — _____ REVISED — _____ REVISED — _____ REVISED — _____ | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS EXISTING GOUGAR ROAD PLAN & PROFILE | F.A.P. RTE. 0852 SECTION 13-00011-00-CH COUNTY WILL TOTAL SHEETS 54 SHEET NO. 11 CONTRACT NO. 61F68 | SCALE: H 1"=50' V 1"=5' SHEET NO. 11 OF 54 SHEETS STA. _____ TO STA. _____ FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- |
|---|--|---|--|---|---|--|--|



EXISTING CONDITIONS

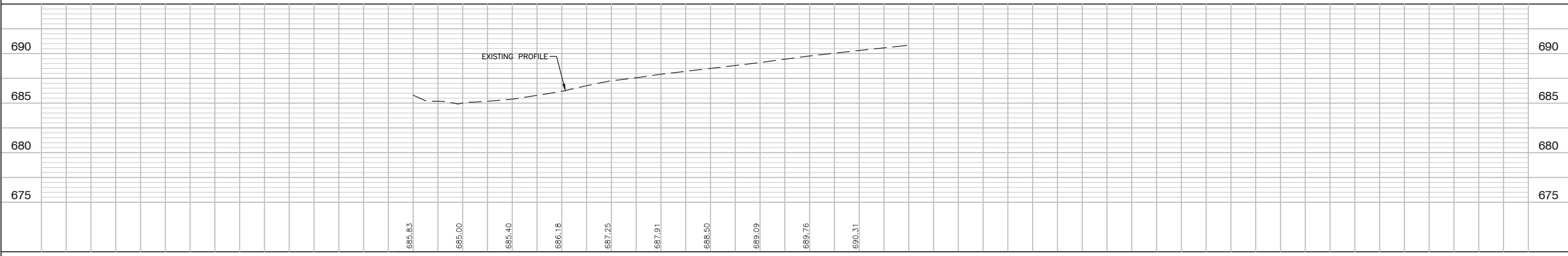
| | |
|-------------------|-------------------|
| CURVE "B" | CURVE "C" |
| PI=STA. 217+63.23 | PI=STA. 401+94.60 |
| Δ=30°10'24" | Δ=20°10'05" |
| D=5'15'10" | D=17'41'02" |
| R=1090.793' | R=324.000' |
| T=294.045' | T=57.620' |
| L=574.436' | L=114.048' |
| E=38.938' | E=5.084' |
| SE=8.0% | |
| TR=37.5' | |
| SE RUNOFF=260' | |

LEGEND

- (P1) **GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:**
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P3) **US ROUTE 52 HMA PAVEMENT WIDENING:**
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HOT-MIX ASPHALT BASE COURSE, 10" (SEE NOTE 1)
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (SH1) HOT-MIX ASPHALT SHOULDERS, 6"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (SH2) HOT-MIX ASPHALT SHOULDERS, 8"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (TA) AGGREGATE FOR TEMPORARY ACCESS
- (S1) PRIVATE ENTRANCE
AGGREGATE SURFACE COURSE, TYPE B 10"
- (SW) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- (AGG) AGGREGATE SHOULDERS, TYPE A 6"
- (MLT) **HOT-MIX ASPHALT MULTI-USE PATH:**
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
AGGREGATE BASE COURSE, TYPE B 8"
- [Cross-hatched box] PAVEMENT REMOVAL
- [Dotted box] DETECTABLE WARNING

NOTES:

1. FOR WIDENING OF SIX FEET OR LESS, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE WIDENING, 10". FOR WIDENING OF GREATER THAN SIX FEET, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE, 10".
2. TEMPORARY AGGREGATE PATH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. FOR WIDENING SECTIONS INDICATED ON THE PLANS FOR TWO OR LESS, THE WIDENING SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE HOT-MIX ASPHALT SHOULDER SECTION.
4. PAVEMENT REMOVAL AREA SHALL BE RESTORED WITH AVAILABLE FILL UP TO EXISTING GRADE.



| | | | | | | | | | | | | |
|---|-------------|----------------------|---------------|---|--|-------------------------|--|--------------------|---------------------------|--------|--------------|-----------|
| FILE NAME = 12620_02-PLPR-01 - IDOT PLPR3 | USER NAME = | DESIGNED -- WPD | REVISED -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | CHECKED -- PK | REVISED -- | | US ROUTE 52 AT SMITH ROAD | | | 0852 | 13-00011-00-CH | WILL | 54 | 12 |
| | | PLOT SCALE = 1"=50' | REVISED -- | | PLAN & PROFILE | | | CONTRACT NO. 61F68 | | | | |
| | | PLOT DATE = 01-11-19 | CHECKED -- AG | | REVISED -- | SCALE: H 1"=50' V 1"=5' | | | SHEET NO. 12 OF 54 SHEETS | | STA. TO STA. | |

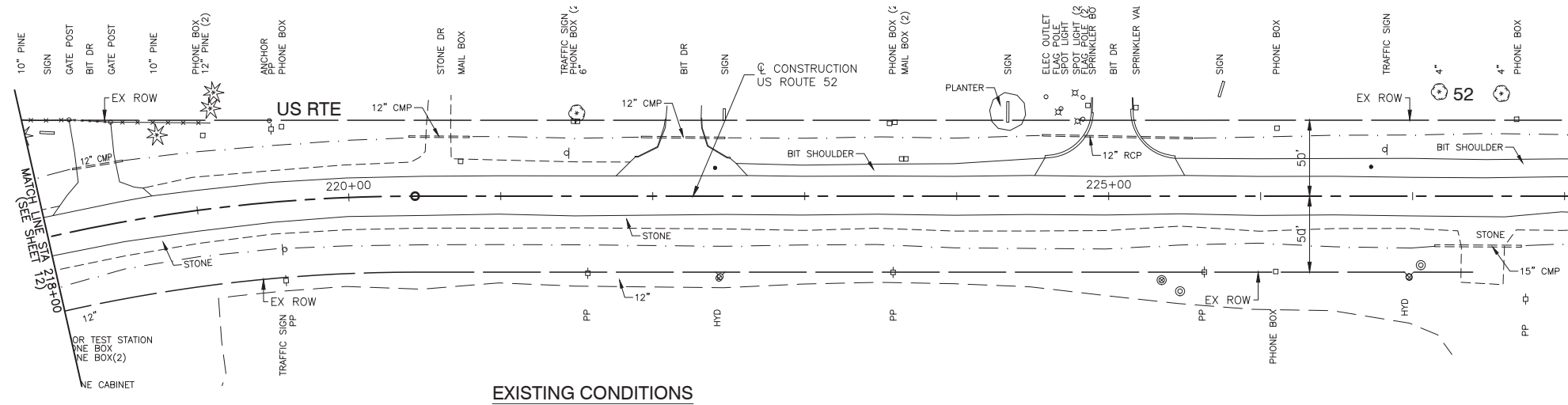


LEGEND

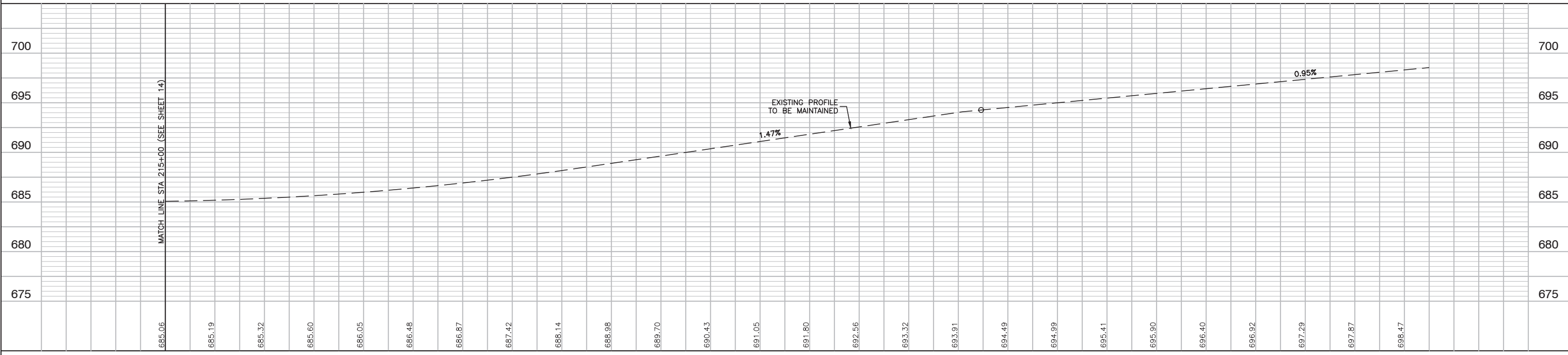
- (P1) GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P3) US ROUTE 52 HMA PAVEMENT WIDENING:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HOT-MIX ASPHALT BASE COURSE, 10" (SEE NOTE 1)
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (SH1) HOT-MIX ASPHALT SHOULDERS, 6"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (SH2) HOT-MIX ASPHALT SHOULDERS, 8"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (TA) AGGREGATE FOR TEMPORARY ACCESS
- (S1) PRIVATE ENTRANCE
AGGREGATE SURFACE COURSE, TYPE B 10"
- (SW) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- (AGG) AGGREGATE SHOULDERS, TYPE A 6"
- (MLT) HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
AGGREGATE BASE COURSE, TYPE B 8"
- [Cross-hatched box] PAVEMENT REMOVAL
- [Dotted box] DETECTABLE WARNING

NOTES:

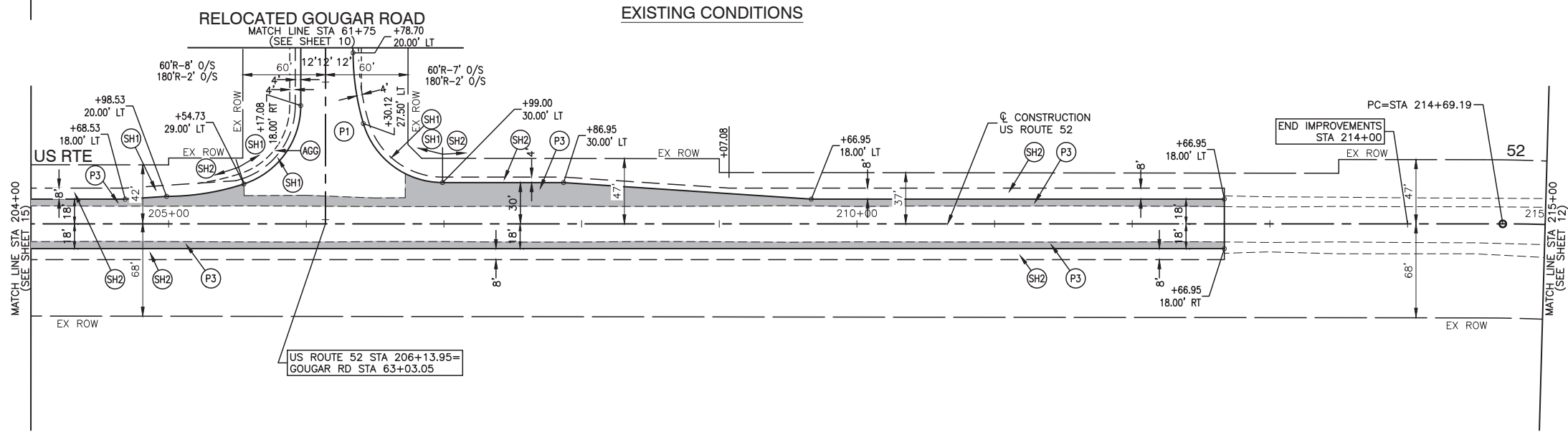
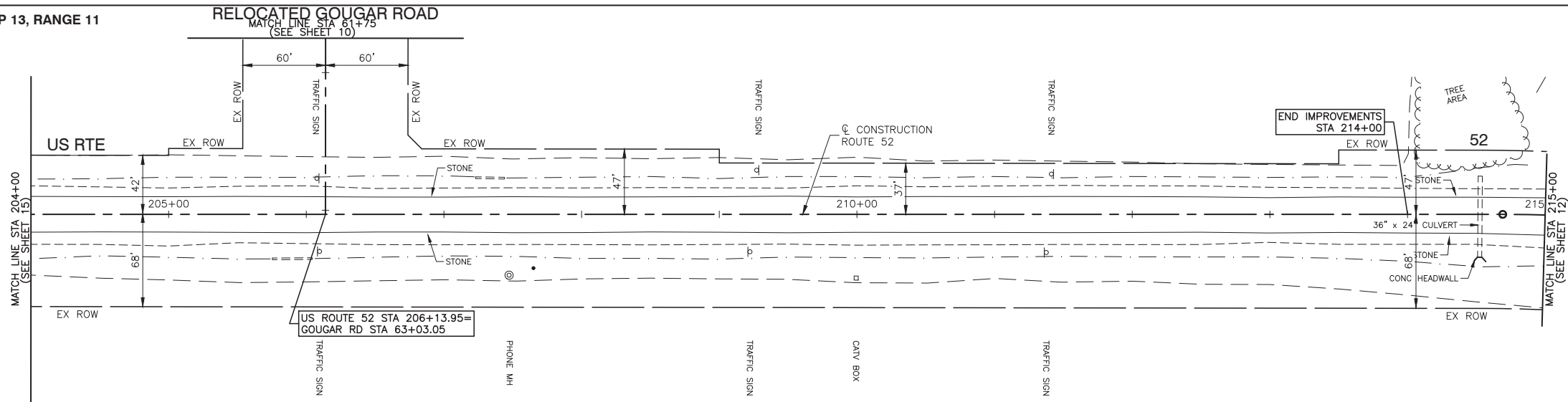
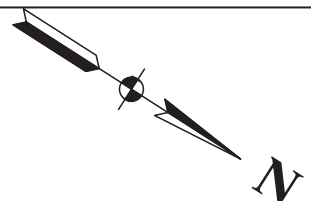
1. FOR WIDENING OF SIX FEET OR LESS, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE WIDENING, 10". FOR WIDENING OF GREATER THAN SIX FEET, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE, 10".
2. TEMPORARY AGGREGATE PATH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. FOR WIDENING SECTIONS INDICATED ON THE PLANS FOR TWO FEET OR LESS, THE WIDENING SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE HOT-MIX ASPHALT SHOULDER SECTION.



EXISTING CONDITIONS



| | | | | | | | |
|---|---|--|---|--|--|--|--|
| FILE NAME = 12620_02-PLPR-01 - IDOT PLPR4 USER NAME = PLOT SCALE = 1"=50' PLOT DATE = 01-11-19 | DESIGNED — WPD CHECKED — PK DRAWN — MED CHECKED — AG | REVISED — REVISED — REVISED — REVISED — | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS US ROUTE 52 PLAN & PROFILE | F.A.P. RTE. 0852 SECTION 13-00011-00-CH COUNTY WILL TOTAL SHEETS 54 SHEET NO. 13 CONTRACT NO. 61F68 | SCALE: H 1"=50' V 1"=5' SHEET NO. 13 OF 54 SHEETS STA. TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- |
|---|---|--|---|--|--|--|--|

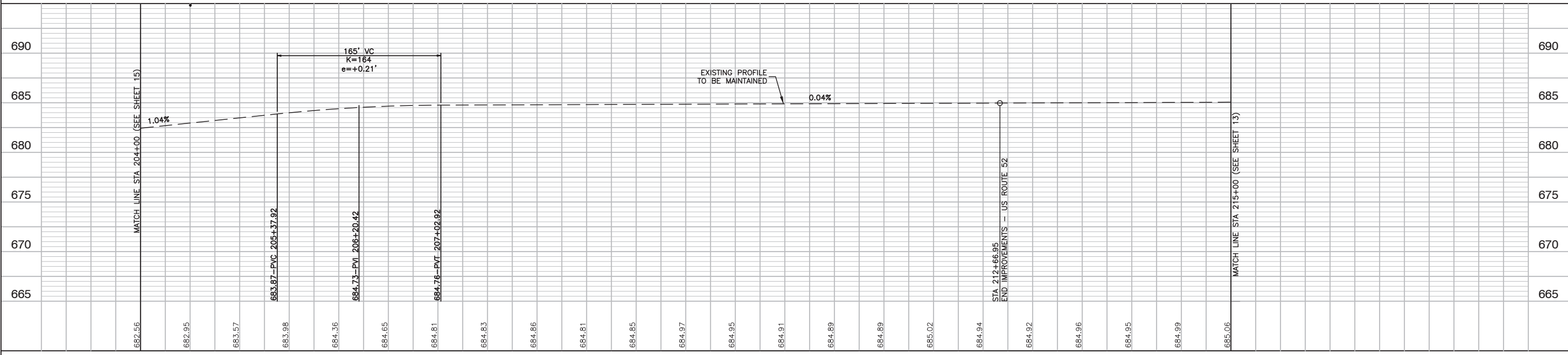


LEGEND

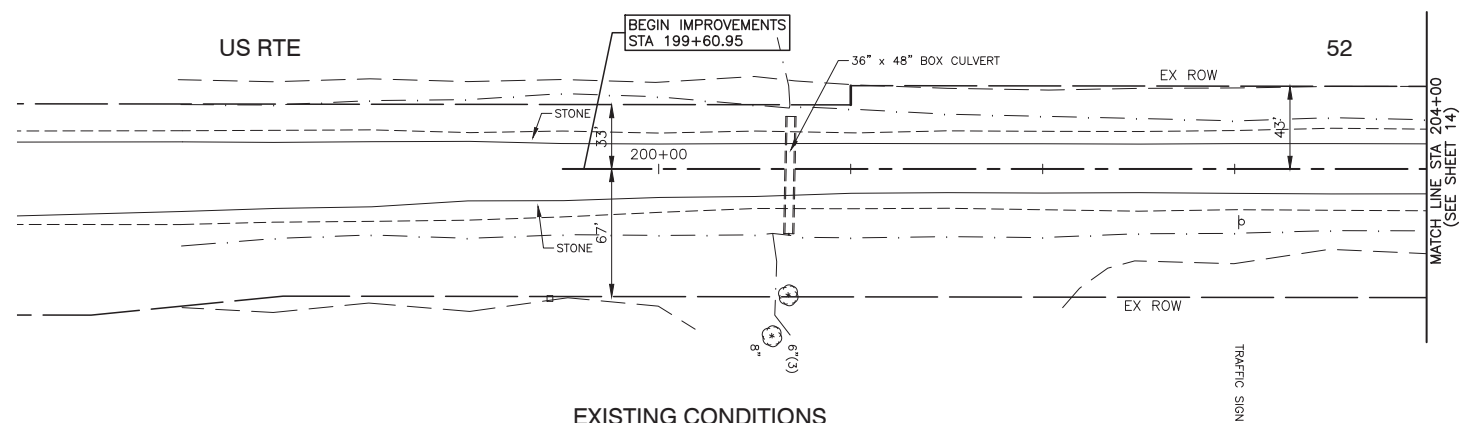
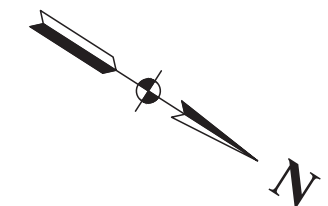
- (P1) GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P3) US ROUTE 52 HMA PAVEMENT WIDENING:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (SH1) HOT-MIX ASPHALT SHOULDERS, 6"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (SH2) HOT-MIX ASPHALT SHOULDERS, 8"
SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (TA) AGGREGATE FOR TEMPORARY ACCESS
- (S1) PRIVATE ENTRANCE
AGGREGATE SURFACE COURSE, TYPE B 10"
- (SW) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- (AGG) AGGREGATE SHOULDERS, TYPE A 6"
- (MLT) HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
AGGREGATE BASE COURSE, TYPE B 8"
- (X) PAVEMENT REMOVAL
- (D) DETECTABLE WARNING

NOTES:

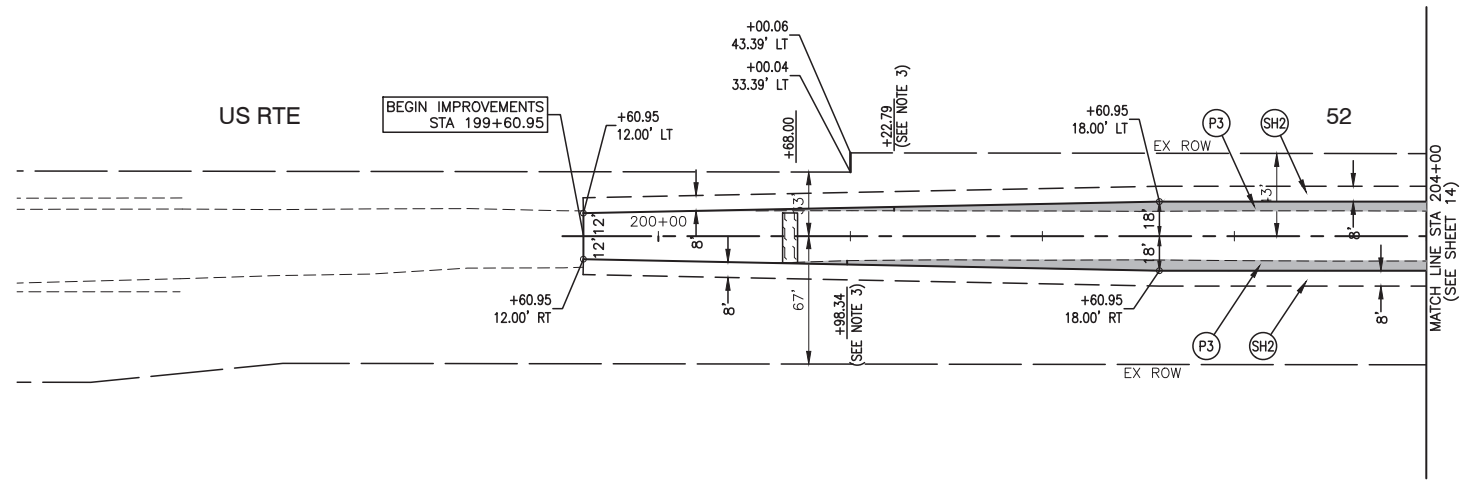
1. FOR WIDENING OF SIX FEET OR LESS, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE WIDENING, 10". FOR WIDENING OF GREATER THAN SIX FEET, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE, 10".
2. TEMPORARY AGGREGATE PATH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. FOR WIDENING SECTIONS INDICATED ON THE PLANS FOR TWO OR LESS, THE WIDENING SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE HOT-MIX ASPHALT SHOULDER SECTION.



| | | | | | |
|--|---|--|---|--|--|
| USER NAME = PLOT SCALE = 1"=50' PLOT DATE = 01-11-19 | DESIGNED -- WPD CHECKED -- PK DRAWN -- MED CHECKED -- AG | REVISED -- REVISED -- REVISED -- REVISED -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS US ROUTE 52 AT GOUGAR ROAD PLAN & PROFILE | F.A.P. RTE. 0852 SECTION 13-00011-00-CH COUNTY WILL TOTAL SHEETS 54 SHEET NO. 14 CONTRACT NO. 61F68 |
|--|---|--|---|--|--|



EXISTING CONDITIONS



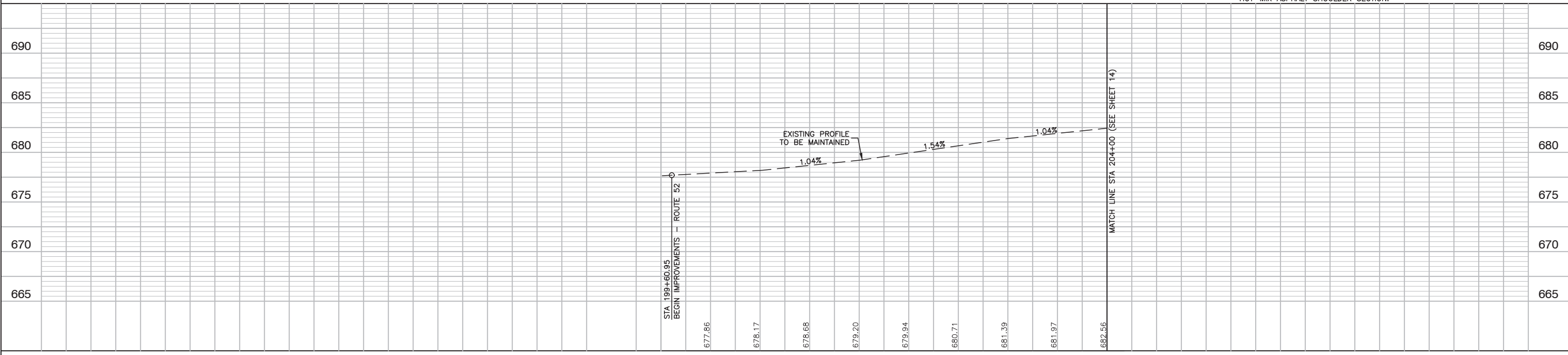
PROPOSED IMPROVEMENTS

LEGEND

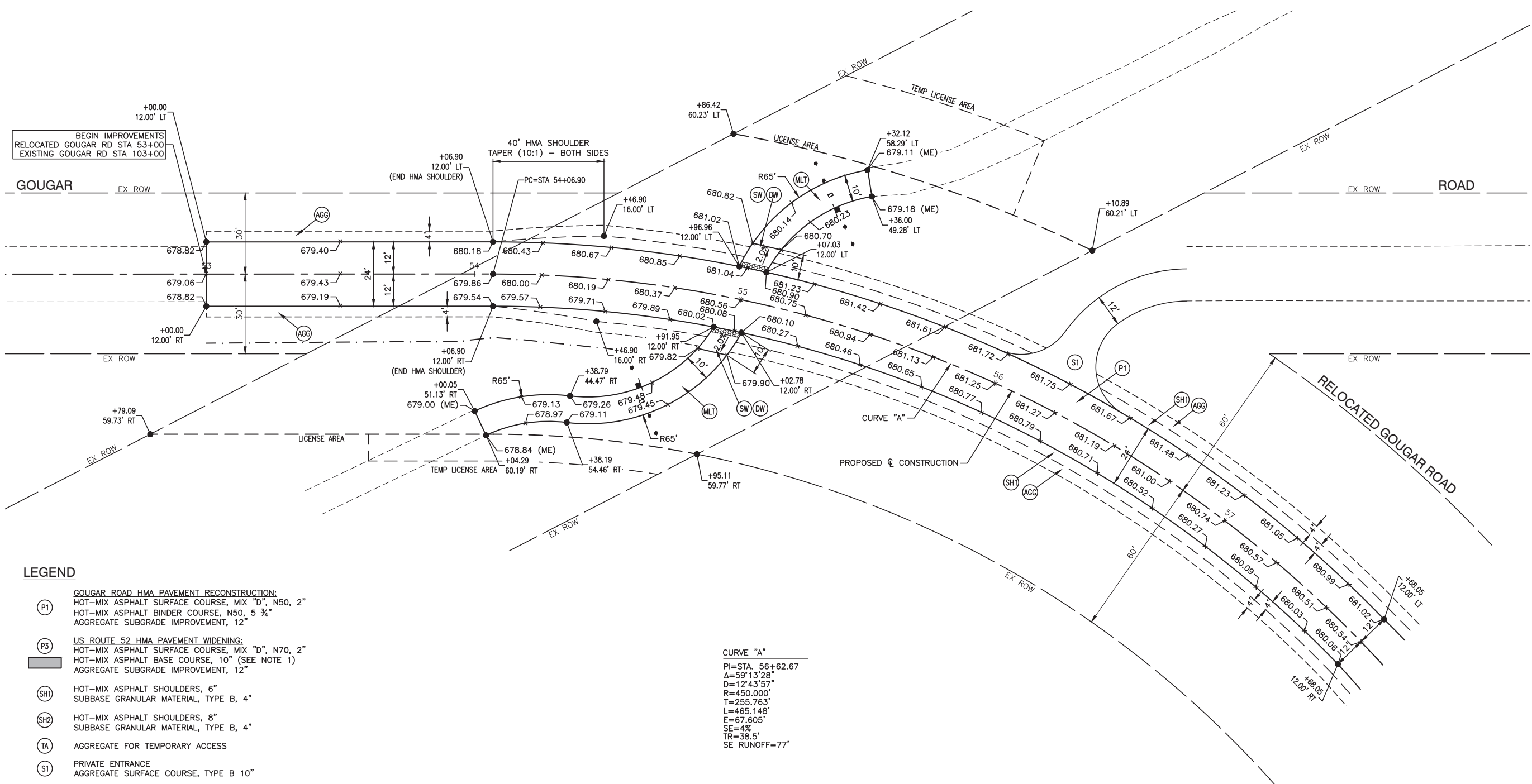
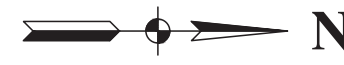
- GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:**
 - (P1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
 - HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
 - AGGREGATE SUBGRADE IMPROVEMENT, 12"
- US ROUTE 52 HMA PAVEMENT WIDENING:**
 - (P3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - HOT-MIX ASPHALT BASE COURSE, 10" (SEE NOTE 1)
 - AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (SH1) HOT-MIX ASPHALT SHOULDERS, 6"
- SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (SH2) HOT-MIX ASPHALT SHOULDERS, 8"
- SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (TA) AGGREGATE FOR TEMPORARY ACCESS
- (S1) PRIVATE ENTRANCE
- AGGREGATE SURFACE COURSE, TYPE B 10"
- (SW) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- AGGREGATE BASE COURSE, TYPE B 4"
- (AGG) AGGREGATE SHOULDERS, TYPE A 6"
- HOT-MIX ASPHALT MULTI-USE PATH:**
 - (MLT) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
 - HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
 - AGGREGATE BASE COURSE, TYPE B 8"
- (X) PAVEMENT REMOVAL
- (D) DETECTABLE WARNING

NOTES:

1. FOR WIDENING OF SIX FEET OR LESS, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE WIDENING, 10". FOR WIDENING OF GREATER THAN SIX FEET, BASE COURSE SHALL BE PAID AS HOT-MIX ASPHALT BASE COURSE, 10".
2. TEMPORARY AGGREGATE PATH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. FOR WIDENING SECTIONS INDICATED ON THE PLANS FOR TWO FEET OR LESS, THE WIDENING SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE HOT-MIX ASPHALT SHOULDER SECTION.



| | | | | | | | | | | |
|---|----------------------|-----------------|------------|-------------------------------------|--|--|----------------|--------|---------------------------|-----------|
| FILE NAME = 12620_02-PLPR-01 - IDOT PLPR6 | USER NAME = | DESIGNED -- WPD | REVISED -- | STATE OF ILLINOIS | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | CHECKED -- PK | REVISED -- | DEPARTMENT OF TRANSPORTATION | US ROUTE 52 | 0852 | 13-00011-00-CH | WILL | 54 | 15 |
| | PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- | | PLAN & PROFILE | SCALE: H 1"=50' V 1"=5' | | | SHEET NO. 15 OF 54 SHEETS | |
| | PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- | | | STA. TO STA. | | | CONTRACT NO. 61F68 | |
| | | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



LEGEND

- P1 GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- P3 US ROUTE 52 HMA PAVEMENT WIDENING:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HOT-MIX ASPHALT BASE COURSE, 10" (SEE NOTE 1)
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- SH1 HOT-MIX ASPHALT SHOULDERS, 6"
SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- SH2 HOT-MIX ASPHALT SHOULDERS, 8"
SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- TA AGGREGATE FOR TEMPORARY ACCESS
- S1 PRIVATE ENTRANCE
AGGREGATE SURFACE COURSE, TYPE B 10"
- SW PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- AGG AGGREGATE SHOULDERS, TYPE A 6"
- MLT HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
AGGREGATE BASE COURSE, TYPE B 8"
- PAVEMENT REMOVAL
- DETECTABLE WARNING
- XXX.XX — PROPOSED ELEVATION
- XXX.XX — EXISTING EDGE OF PAVEMENT ELEVATIONS

CURVE "A"
 PI=STA. 56+62.67
 Δ=59°13'28"
 D=12°43'57"
 R=450.000'
 T=255.763'
 L=465.148'
 E=67.605'
 SE=4%
 TR=38.5'
 SE RUNOFF=77'

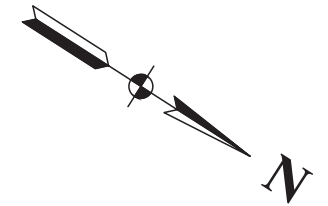
FILE NAME = 12620_02-PLAN-01 - P01

| | | |
|----------------------|----------------|-----------|
| USER NAME = | DESIGNED — WPD | REVISED — |
| | CHECKED — PK | REVISED — |
| PLOT SCALE = 1"=50' | DRAWN — MED | REVISED — |
| PLOT DATE = 01-11-19 | CHECKED — AG | REVISED — |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

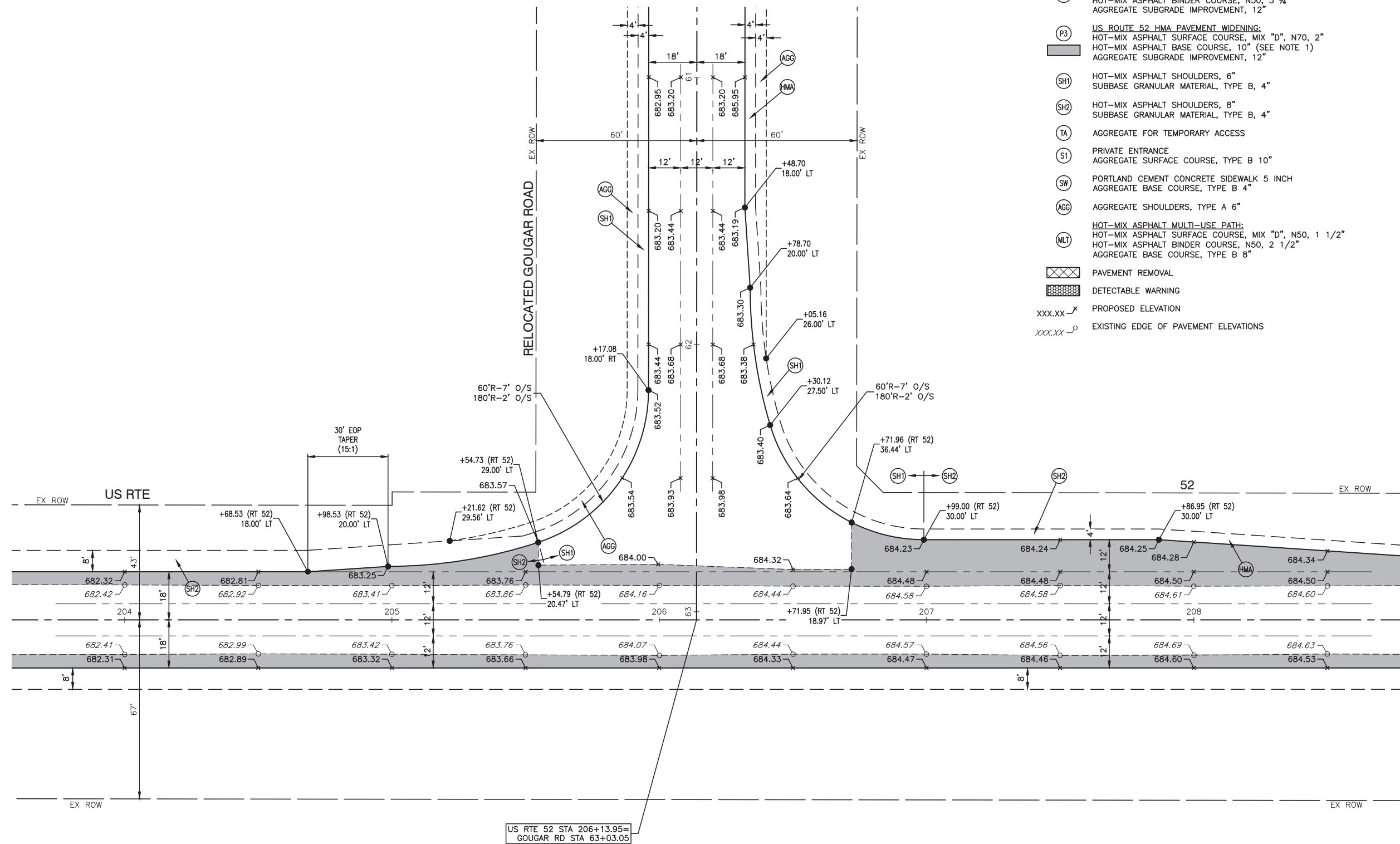
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|--|---------------------------|
| US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | |
| PROPOSED GOUGAR ROAD | |
| CIVIL DETAILS | |
| SCALE: 1"=20' | SHEET NO. 16 OF 54 SHEETS |
| STA. TO STA. | |

| | | | | |
|-----------------------|----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 16 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |



LEGEND

- (P1) GOUGAR ROAD HMA PAVEMENT RECONSTRUCTION:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
HOT-MIX ASPHALT BINDER COURSE, N50, 5 3/4"
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (P3) US ROUTE 52 HMA PAVEMENT WIDENING:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HOT-MIX ASPHALT BASE COURSE, 10" (SEE NOTE 1)
AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (SH1) HOT-MIX ASPHALT SHOULDERS, 6"
SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (SH2) HOT-MIX ASPHALT SHOULDERS, 8"
SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (TA) AGGREGATE FOR TEMPORARY ACCESS
- (S1) PRIVATE ENTRANCE
AGGREGATE SURFACE COURSE, TYPE B 10"
- (SW) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
AGGREGATE BASE COURSE, TYPE B 4"
- (AGG) AGGREGATE SHOULDERS, TYPE A 6"
- (MLT) HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, N50, 2 1/2"
AGGREGATE BASE COURSE, TYPE B 8"
- [Cross-hatched box] PAVEMENT REMOVAL
- [Dotted box] DETECTABLE WARNING
- XXX.XX-X PROPOSED ELEVATION
- XXX.XX-O EXISTING EDGE OF PAVEMENT ELEVATIONS



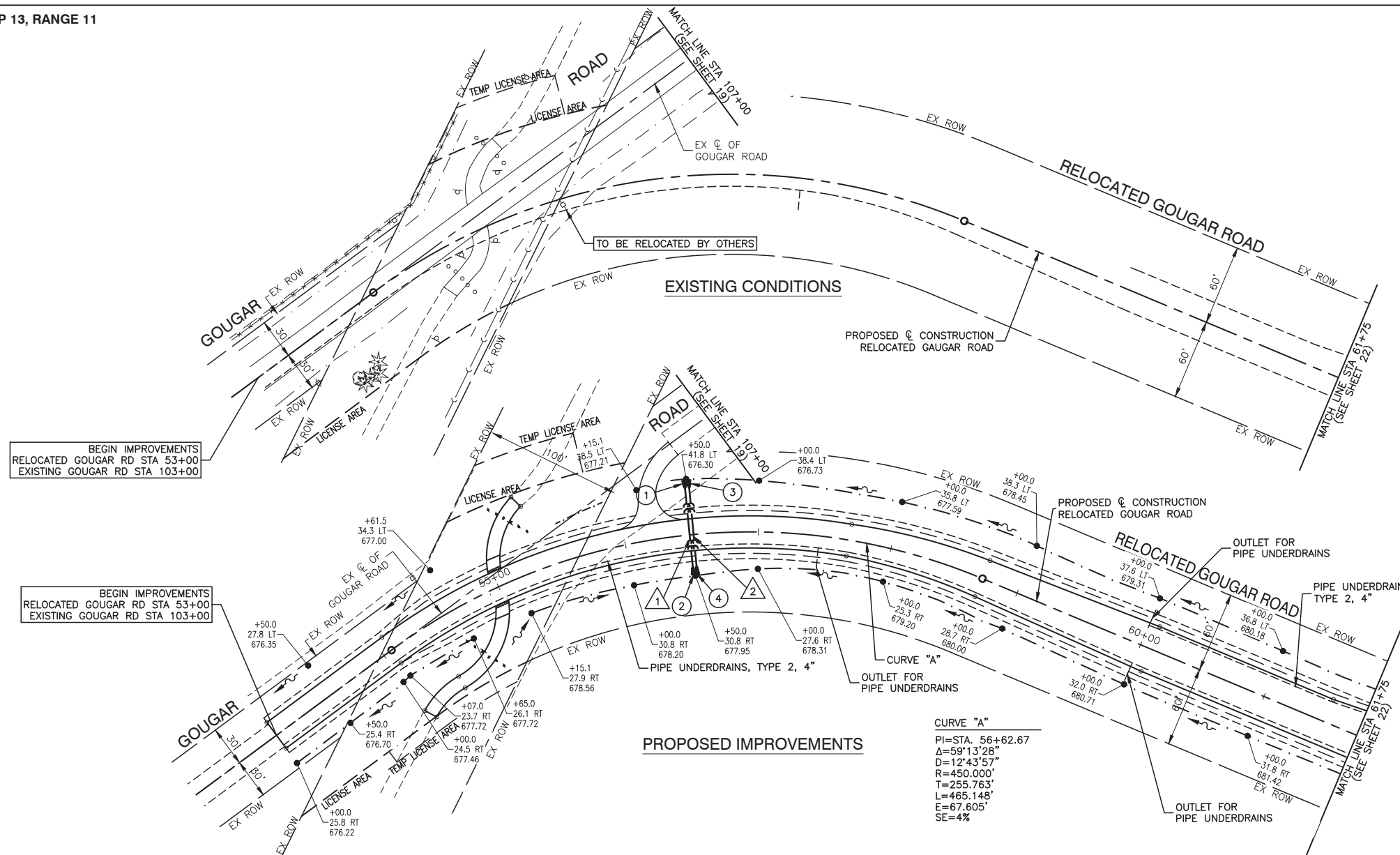
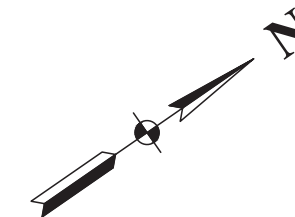
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| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
US ROUTE 52
CIVIL DETAILS

SCALE: 1"=20' SHEET NO. 17 OF 54 SHEETS STA. TO STA.

| | | | | |
|-----------------------|----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 17 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | ---- | |

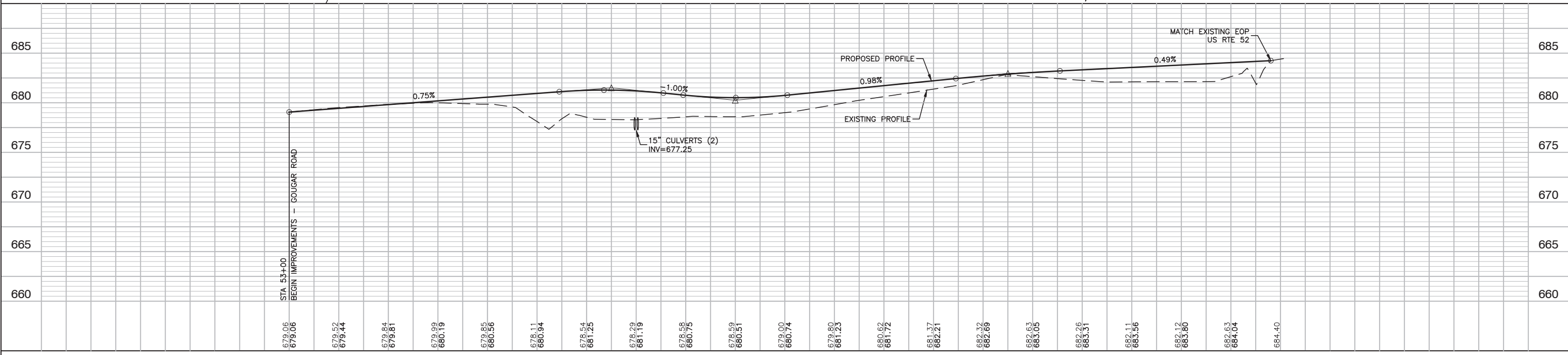


BEGIN IMPROVEMENTS
RELOCATED GOUGAR RD STA 53+00
EXISTING GOUGAR RD STA 103+00

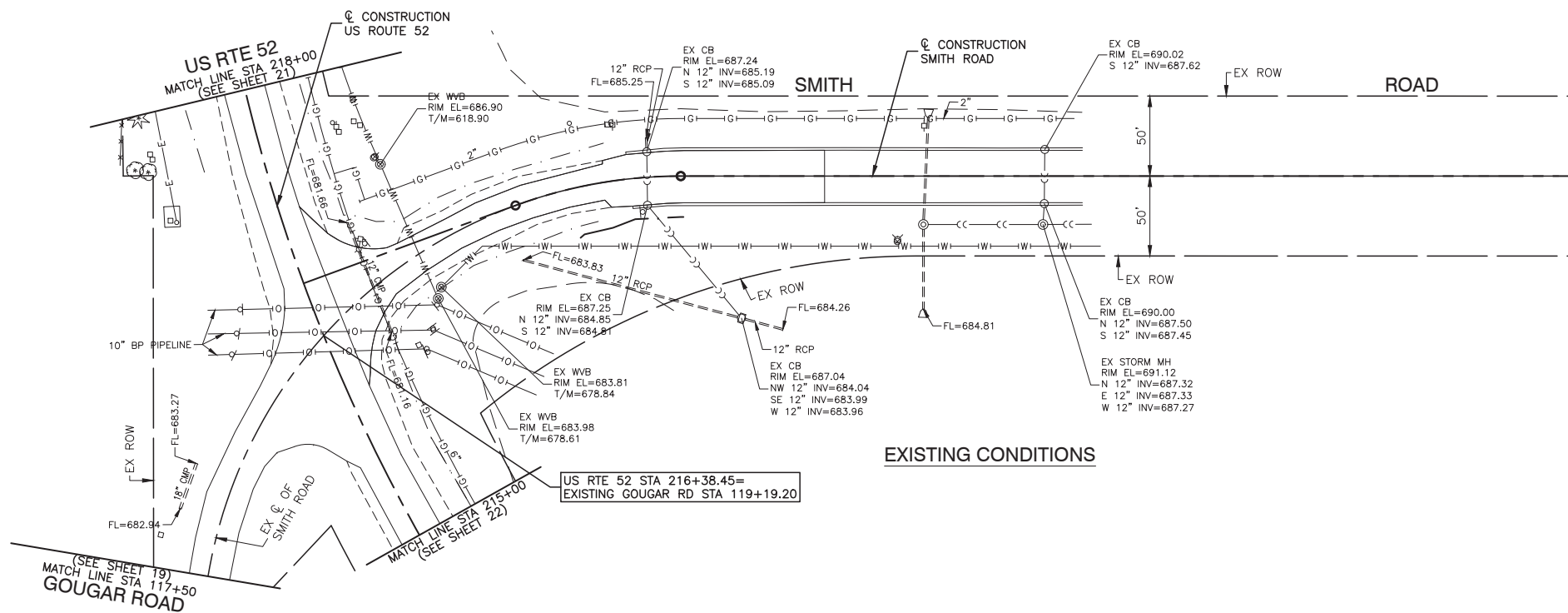
BEGIN IMPROVEMENTS
RELOCATED GOUGAR RD STA 53+00
EXISTING GOUGAR RD STA 103+00

- ① STA 56+48.50, 40.84' LT
PRECAST REINFORCED CONCRETE FLARED
END SECTIONS, 15"
FL EL=676.30
- ② STA 56+48.50, 29.76' RT
PRECAST REINFORCED CONCRETE FLARED
END SECTIONS, 15"
FL EL=677.95
- ③ STA 56+51.50, 40.84' LT
PRECAST REINFORCED CONCRETE FLARED
END SECTIONS, 15"
FL EL=676.30
- ④ STA 56+51.50, 29.76' RT
PRECAST REINFORCED CONCRETE FLARED
END SECTIONS, 15"
FL EL=677.95

CURVE "A"
 PI=STA. 56+62.67
 Δ=59°13'28"
 D=12°43'57"
 R=450.000'
 T=255.763'
 L=465.148'
 E=67.605'
 SE=4%

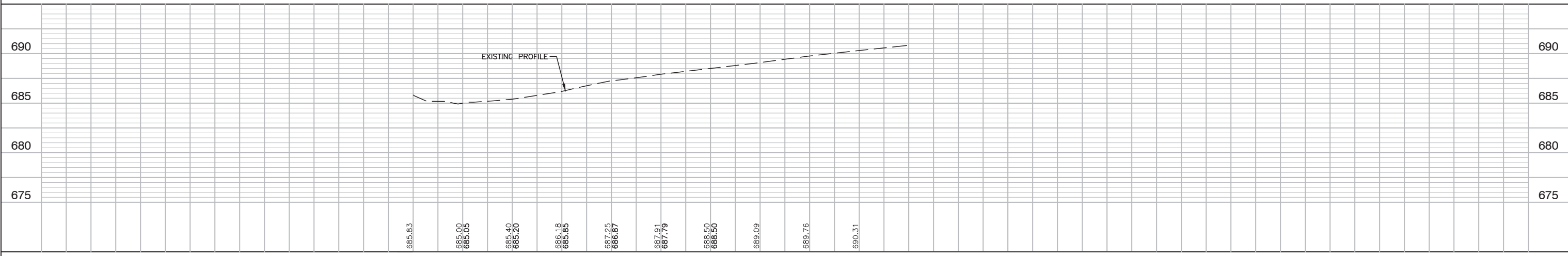


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| FILE NAME = 12620_02-STRM-01 - IDOT PLPR 1 | USER NAME = | DESIGNED -- WPD | REVISD -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS PROPOSED GOUGAR ROAD DRAINAGE & UTILITIES | | | F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 18 |
| | PLOT SCALE = | CHECKED -- PK | REVISD -- | | | | | CONTRACT NO. 61F68 | | | | |
| | PLOT DATE = 01-11-19 | DRAWN -- MED | REVISD -- | | | | | | | | | |
| | | CHECKED -- AG | REVISD -- | | | | | | | | | |

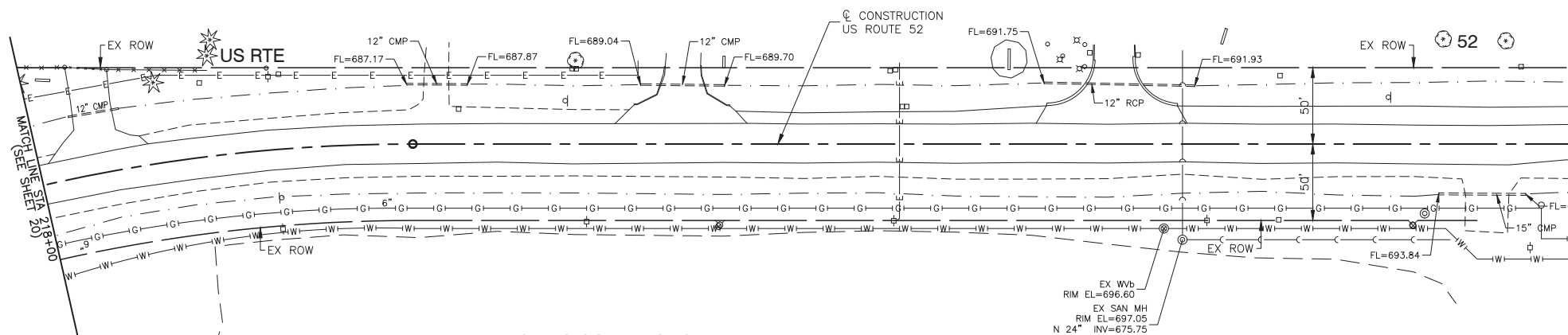


EXISTING CONDITIONS

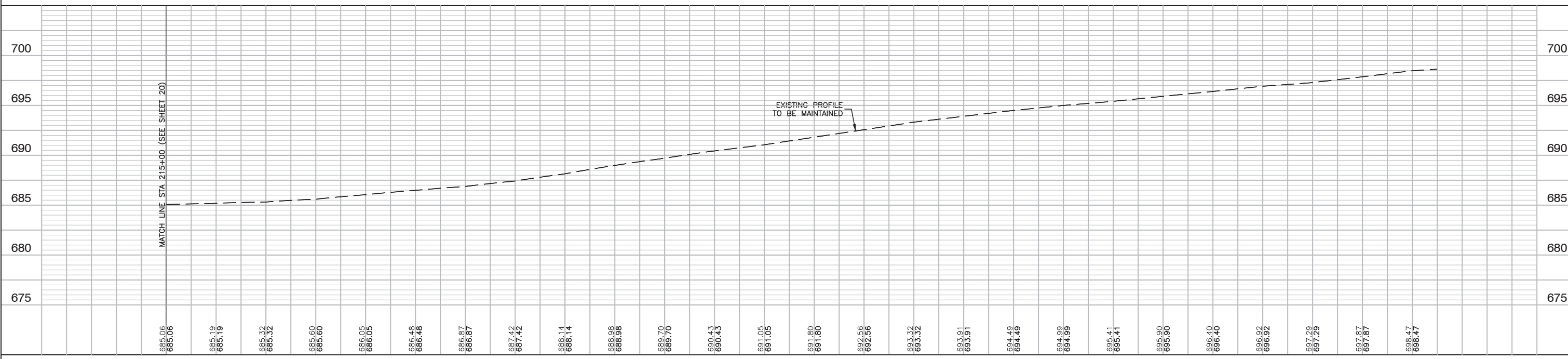
US RTE 52 STA 216+38.45=
EXISTING GOUGAR RD STA 119+19.20



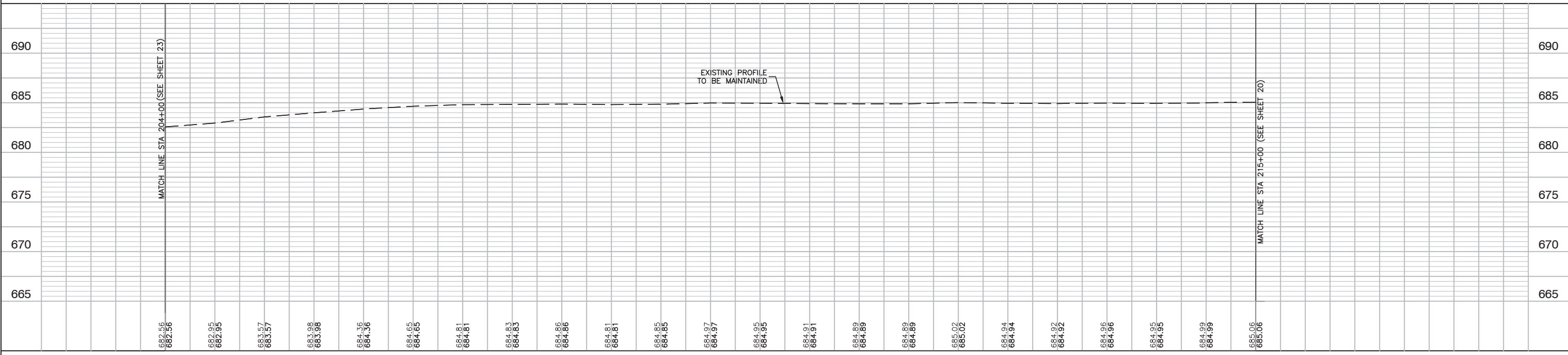
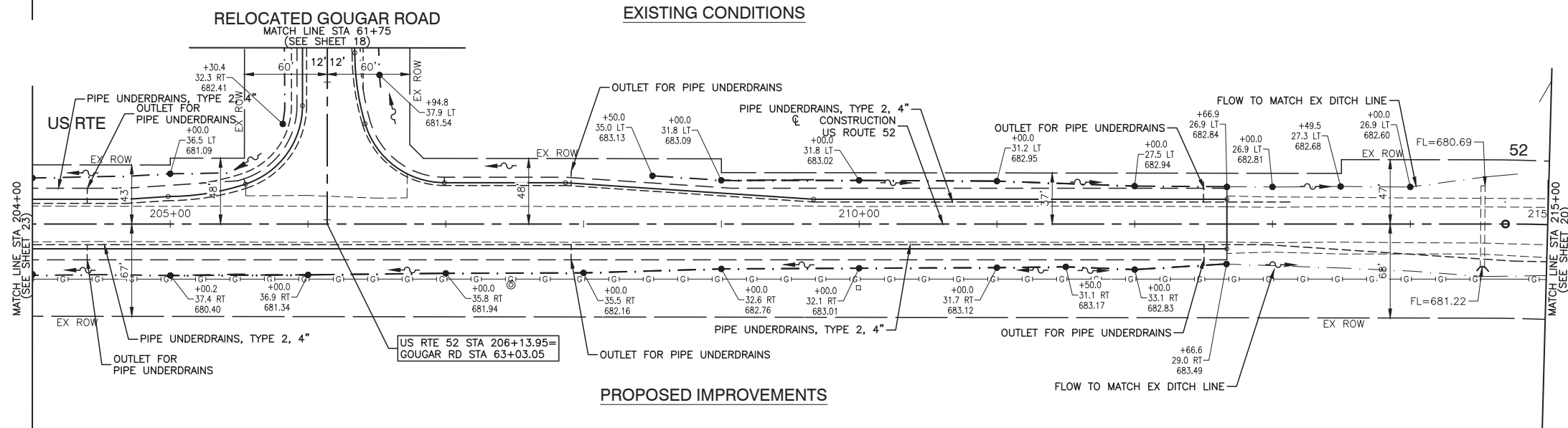
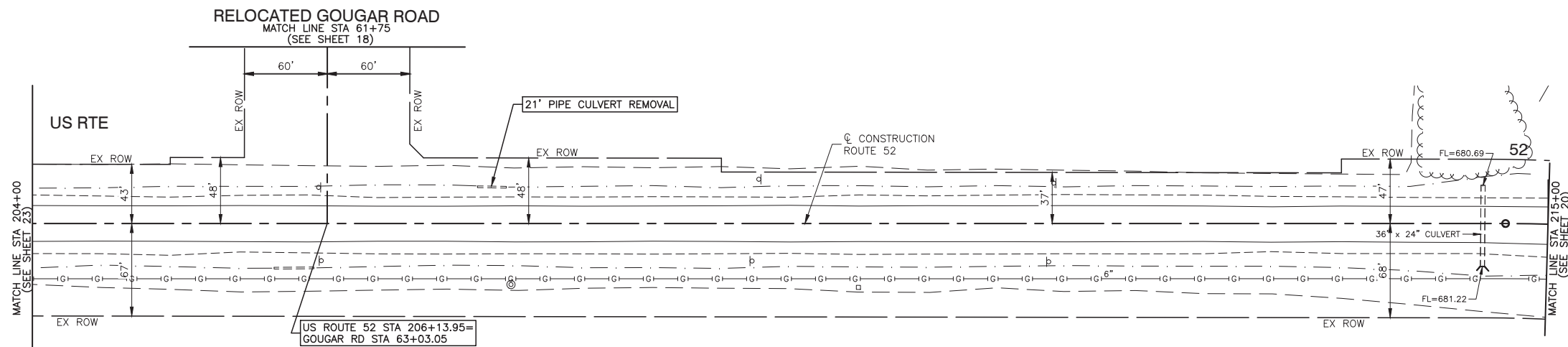
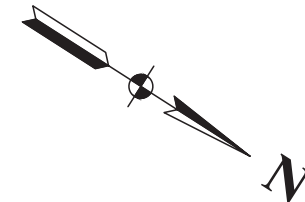
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| FILE NAME = 12620_02-STRM-01 - IDOT PLPR3 | USER NAME = | DESIGNED -- WPD | REVISED -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | CHECKED -- PK | REVISED -- | | SMITH ROAD | | | 0852 | 13-00011-00-CH | WILL | 54 | 20 | |
| | PLOT SCALE = | DRAWN -- MED | REVISED -- | | DRAINAGE & UTILITIES | | | CONTRACT NO. 61F68 | | | | | |
| | PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- | | SCALE: H 1"=50' V 1"=5' | | | SHEET NO. 20 | OF 54 SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. 1 | ILLINOIS |



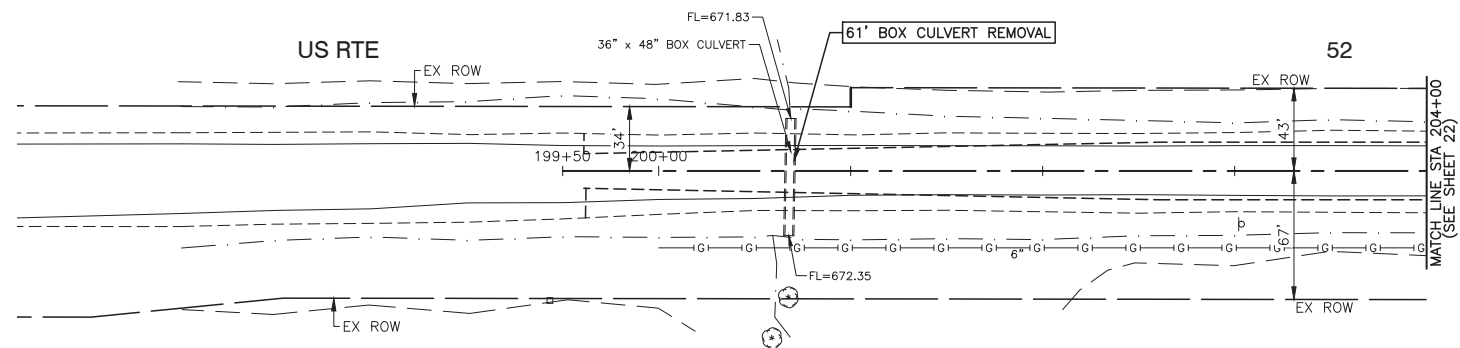
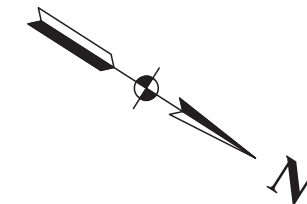
EXISTING CONDITIONS



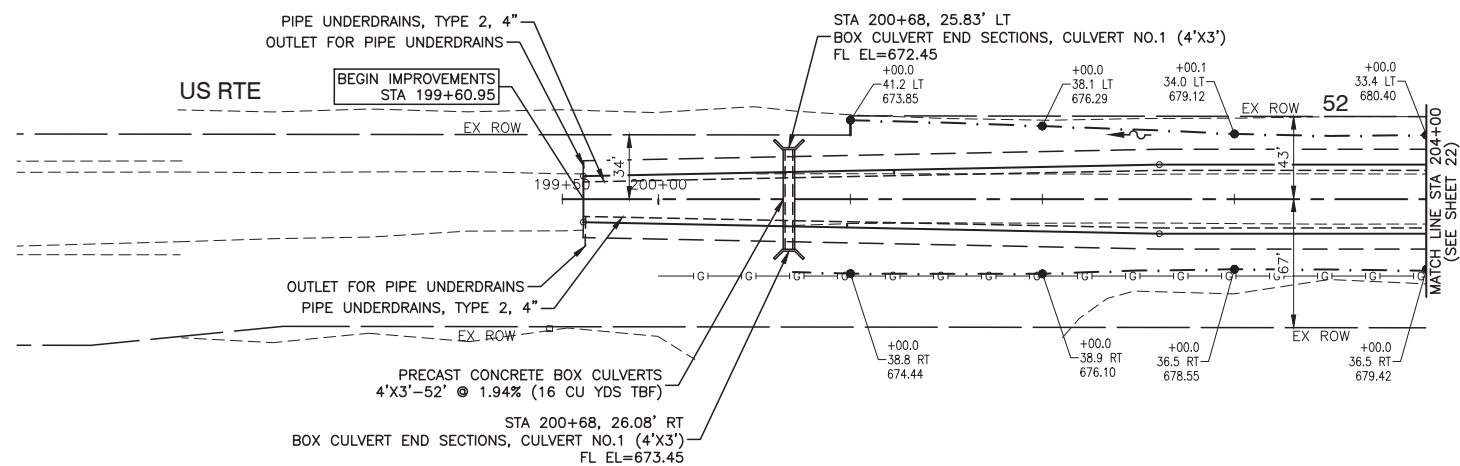
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| FILE NAME = 12620_02-STRM-01 - IDOT PLPR4 | USER NAME = | DESIGNED -- WPD | REVISED -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS US ROUTE 52 DRAINAGE & UTILITIES | | | F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 21 | |
| | PLOT SCALE = | CHECKED -- PK | REVISED -- | | SCALE: H 1"=50' V 1"=5' | | | SHEET NO. 21 | OF 54 SHEETS | STA. TO STA. | FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ---- |
| | PLOT DATE = 01-11-19 | DRAWN -- MED | REVISED -- | | | | | | | | | | |
| | | CHECKED -- AG | REVISED -- | | | | | | | | | | |



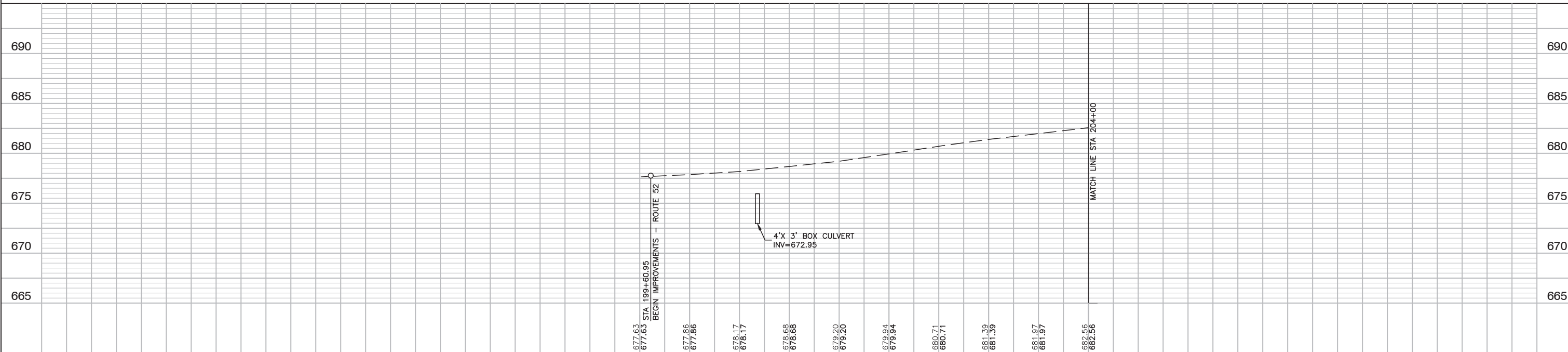
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| FILE NAME = 12620_02-STRM-01 - IDOT PLPRS | USER NAME = | DESIGNED - WPD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS US ROUTE 52 DRAINAGE & UTILITIES | | | F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 22 |
| | PLOT SCALE = | CHECKED - PK | REVISED - | | SCALE: H 1"=50' V 1"=5' | | | SHEET NO. 22 OF 54 SHEETS | | STA. TO STA. | CONTRACT NO. 61F68 | |
| | PLOT DATE = 01-11-19 | DRAWN - MED | REVISED - | | FED. ROAD DIST. NO. 1 | | | ILLINOIS | | FED. AID PROJECT ---- | | |
| | | CHECKED - AG | REVISED - | | FED. ROAD DIST. NO. 1 | | | ILLINOIS | | FED. AID PROJECT ---- | | |



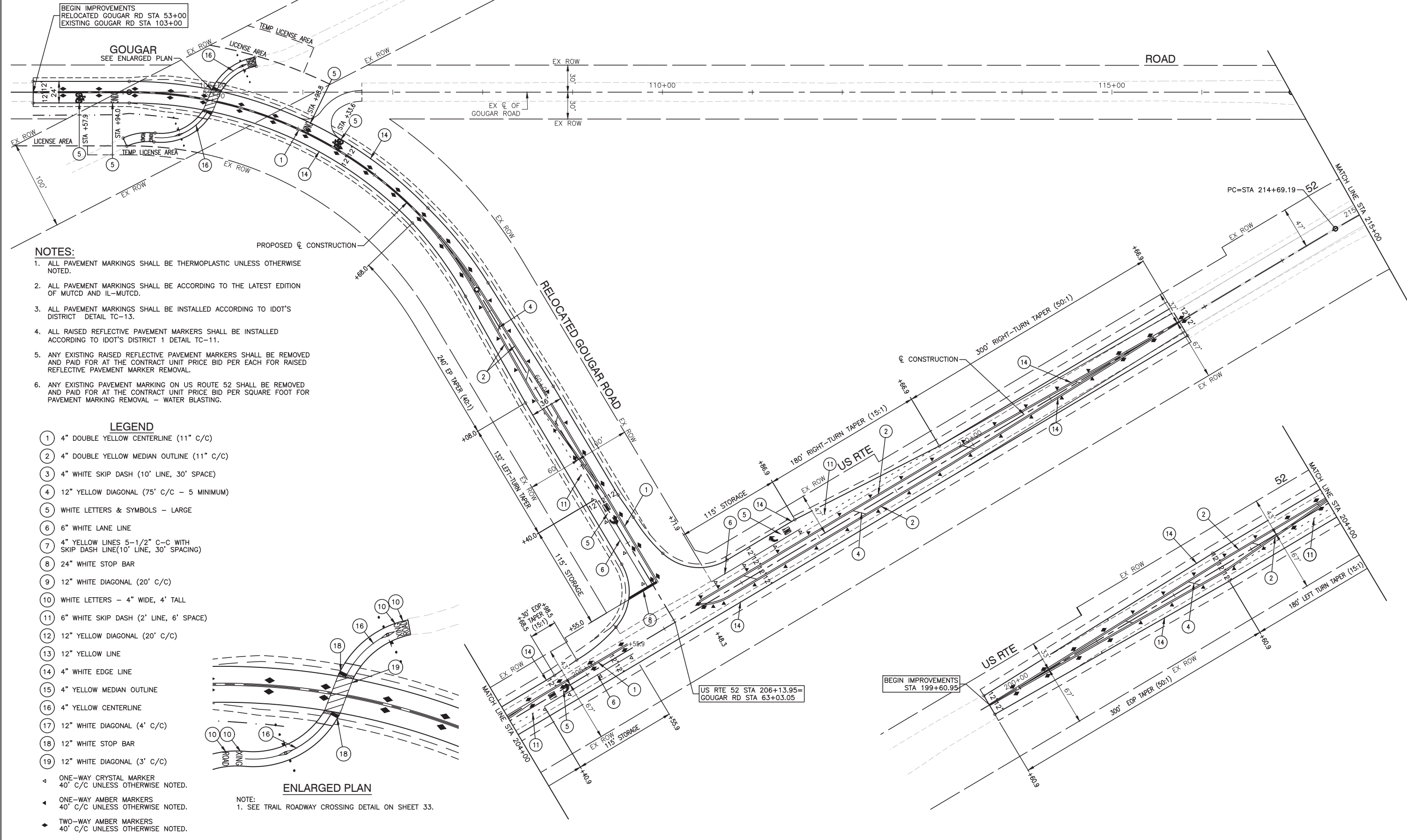
EXISTING CONDITIONS



PROPOSED IMPROVEMENTS



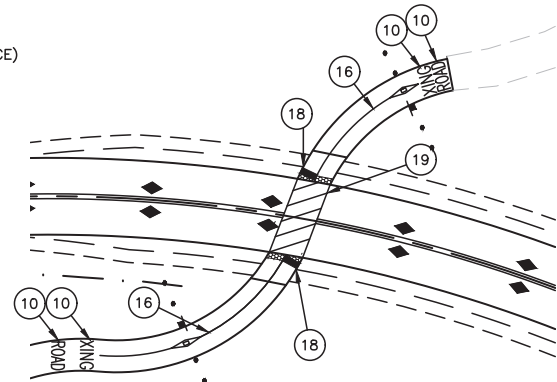
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| FILE NAME = 12620_02-STRM-01 - IDOT PLPR6 | USER NAME = | DESIGNED -- WPD | REVISED -- | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | | | F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 23 | |
| | PLOT SCALE = | DRAWN -- MED | REVISED -- | | DRAINAGE & UTILITIES | | | CONTRACT NO. 61F68 | | | | | |
| | PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- | | SCALE: H 1"=50' V 1"=5' | | | SHEET NO. 23 | OF 54 SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | |
| | | | | | | | | | | | | | |



- NOTES:**
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 2. ALL PAVEMENT MARKINGS SHALL BE ACCORDING TO THE LATEST EDITION OF MUTCD AND IL-MUTCD.
 3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DISTRICT DETAIL TC-13.
 4. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S DISTRICT 1 DETAIL TC-11.
 5. ANY EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED AND PAID FOR AT THE CONTRACT UNIT PRICE BID PER EACH FOR RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.
 6. ANY EXISTING PAVEMENT MARKING ON US ROUTE 52 SHALL BE REMOVED AND PAID FOR AT THE CONTRACT UNIT PRICE BID PER SQUARE FOOT FOR PAVEMENT MARKING REMOVAL - WATER BLASTING.

LEGEND

- 1 4" DOUBLE YELLOW CENTERLINE (11" C/C)
- 2 4" DOUBLE YELLOW MEDIAN OUTLINE (11" C/C)
- 3 4" WHITE SKIP DASH (10' LINE, 30' SPACE)
- 4 12" YELLOW DIAGONAL (75' C/C - 5 MINIMUM)
- 5 WHITE LETTERS & SYMBOLS - LARGE
- 6 6" WHITE LANE LINE
- 7 4" YELLOW LINES 5-1/2" C-C WITH SKIP DASH LINE (10' LINE, 30' SPACING)
- 8 24" WHITE STOP BAR
- 9 12" WHITE DIAGONAL (20' C/C)
- 10 WHITE LETTERS - 4" WIDE, 4' TALL
- 11 6" WHITE SKIP DASH (2' LINE, 6' SPACE)
- 12 12" YELLOW DIAGONAL (20' C/C)
- 13 12" YELLOW LINE
- 14 4" WHITE EDGE LINE
- 15 4" YELLOW MEDIAN OUTLINE
- 16 4" YELLOW CENTERLINE
- 17 12" WHITE DIAGONAL (4' C/C)
- 18 12" WHITE STOP BAR
- 19 12" WHITE DIAGONAL (3' C/C)
- ONE-WAY CRYSTAL MARKER 40' C/C UNLESS OTHERWISE NOTED.
- ONE-WAY AMBER MARKERS 40' C/C UNLESS OTHERWISE NOTED.
- TWO-WAY AMBER MARKERS 40' C/C UNLESS OTHERWISE NOTED.



ENLARGED PLAN

NOTE:
1. SEE TRAIL ROADWAY CROSSING DETAIL ON SHEET 33.

FILE NAME = 12620_02-PVMK-01 - P01

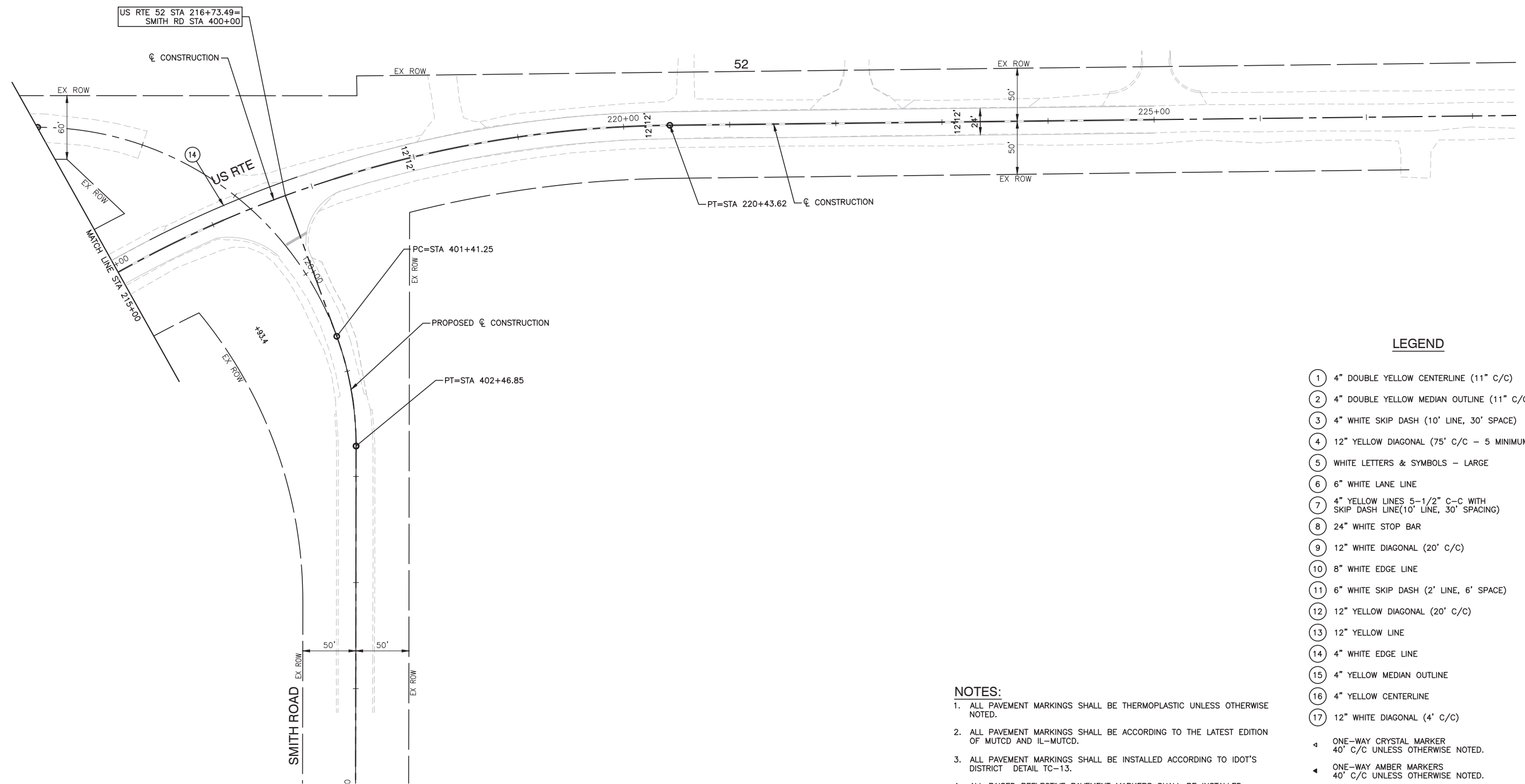
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| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
PROPOSED GOUGAR ROAD
PAVEMENT MARKING**

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 24 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |

SCALE: 1"=50' SHEET NO. 24 OF 54 SHEETS STA. TO STA.



LEGEND

- ① 4" DOUBLE YELLOW CENTERLINE (11" C/C)
 - ② 4" DOUBLE YELLOW MEDIAN OUTLINE (11" C/C)
 - ③ 4" WHITE SKIP DASH (10' LINE, 30' SPACE)
 - ④ 12" YELLOW DIAGONAL (75' C/C - 5 MINIMUM)
 - ⑤ WHITE LETTERS & SYMBOLS - LARGE
 - ⑥ 6" WHITE LANE LINE
 - ⑦ 4" YELLOW LINES 5-1/2" C-C WITH SKIP DASH LINE(10' LINE, 30' SPACING)
 - ⑧ 24" WHITE STOP BAR
 - ⑨ 12" WHITE DIAGONAL (20' C/C)
 - ⑩ 8" WHITE EDGE LINE
 - ⑪ 6" WHITE SKIP DASH (2' LINE, 6' SPACE)
 - ⑫ 12" YELLOW DIAGONAL (20' C/C)
 - ⑬ 12" YELLOW LINE
 - ⑭ 4" WHITE EDGE LINE
 - ⑮ 4" YELLOW MEDIAN OUTLINE
 - ⑯ 4" YELLOW CENTERLINE
 - ⑰ 12" WHITE DIAGONAL (4' C/C)
- ◀ ONE-WAY CRYSTAL MARKER 40' C/C UNLESS OTHERWISE NOTED.
 - ◀ ONE-WAY AMBER MARKERS 40' C/C UNLESS OTHERWISE NOTED.
 - ◆ TWO-WAY AMBER MARKERS 40' C/C UNLESS OTHERWISE NOTED.

NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. ALL PAVEMENT MARKINGS SHALL BE ACCORDING TO THE LATEST EDITION OF MUTCD AND IL-MUTCD.
3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DISTRICT DETAIL TC-13.
4. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S DISTRICT 1 DETAIL TC-11.

FILE NAME = 12620_02-PVMK-01 - P02

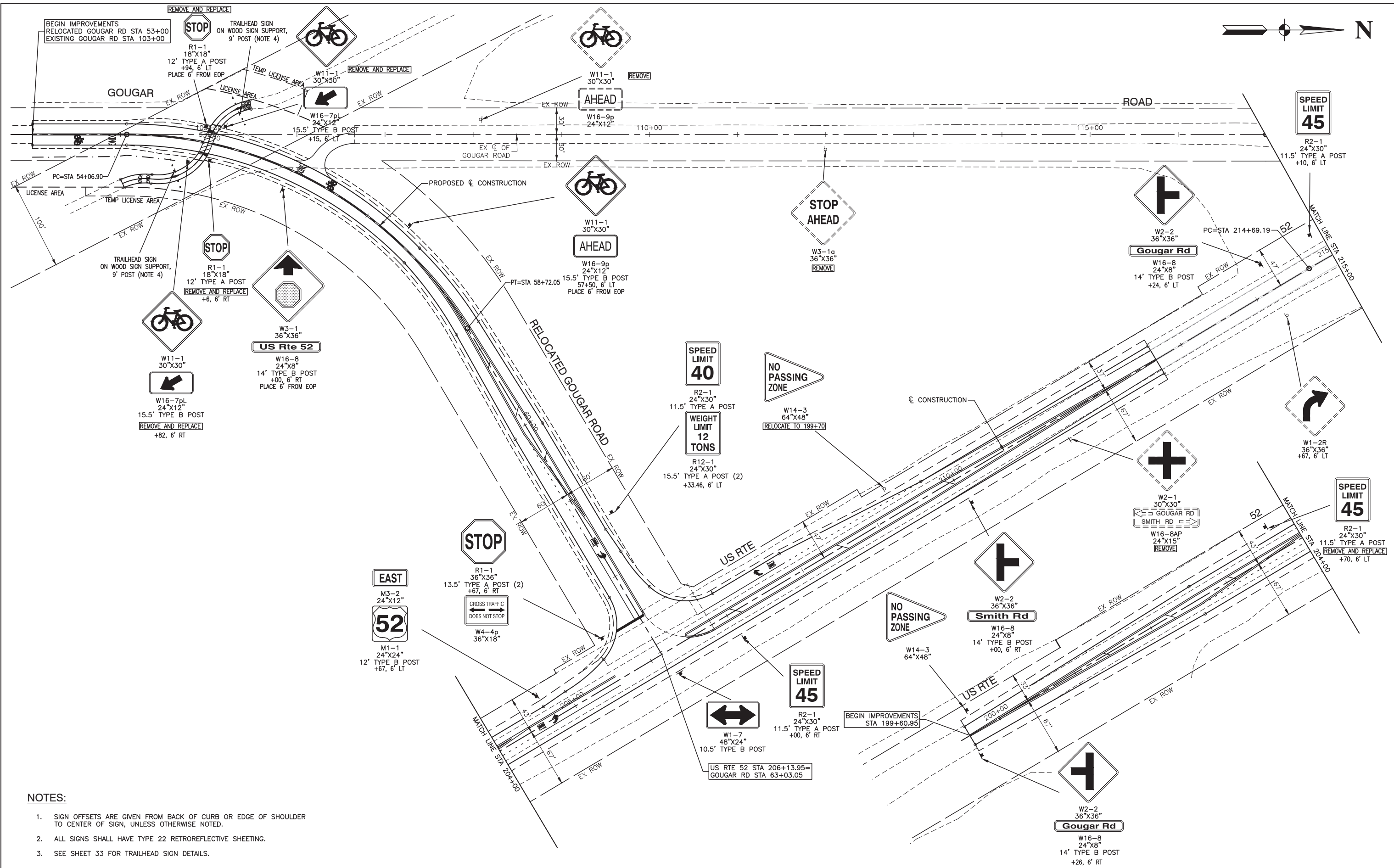
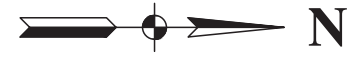
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| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- AG | REVISED -- |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
PROPOSED GOUGAR ROAD
PAVEMENT MARKING**

SCALE: 1"=50' SHEET NO. 25 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 25 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



NOTES:

1. SIGN OFFSETS ARE GIVEN FROM BACK OF CURB OR EDGE OF SHOULDER TO CENTER OF SIGN, UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL HAVE TYPE 22 RETROREFLECTIVE SHEETING.
3. SEE SHEET 33 FOR TRAILHEAD SIGN DETAILS.

FILE NAME = 12620_02-SIGN-01 - P01

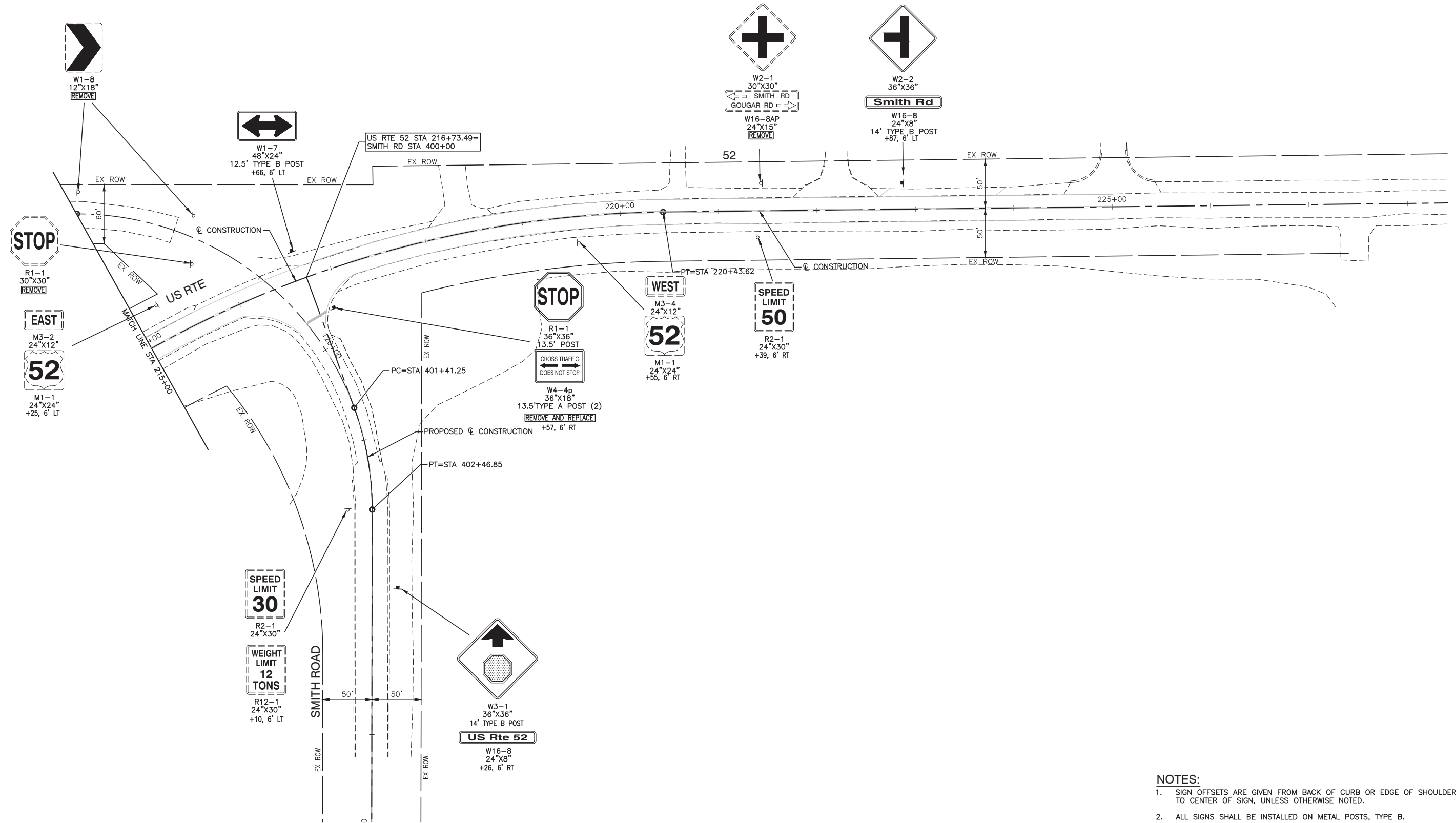
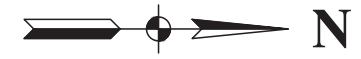
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| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
PROPOSED GOUGAR ROAD
SIGNING PLAN**

| | | | | |
|-----------------------|----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 26 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | ---- | |

SCALE: 1"=50' SHEET NO. 26 OF 54 SHEETS STA. TO STA.



- NOTES:**
- SIGN OFFSETS ARE GIVEN FROM BACK OF CURB OR EDGE OF SHOULDER TO CENTER OF SIGN, UNLESS OTHERWISE NOTED.
 - ALL SIGNS SHALL BE INSTALLED ON METAL POSTS, TYPE B.
 - ALL SIGNS SHALL HAVE TYPE 22 RETROREFLECTIVE SHEETING.

FILE NAME = 12620_02-SIGN-01 - P02

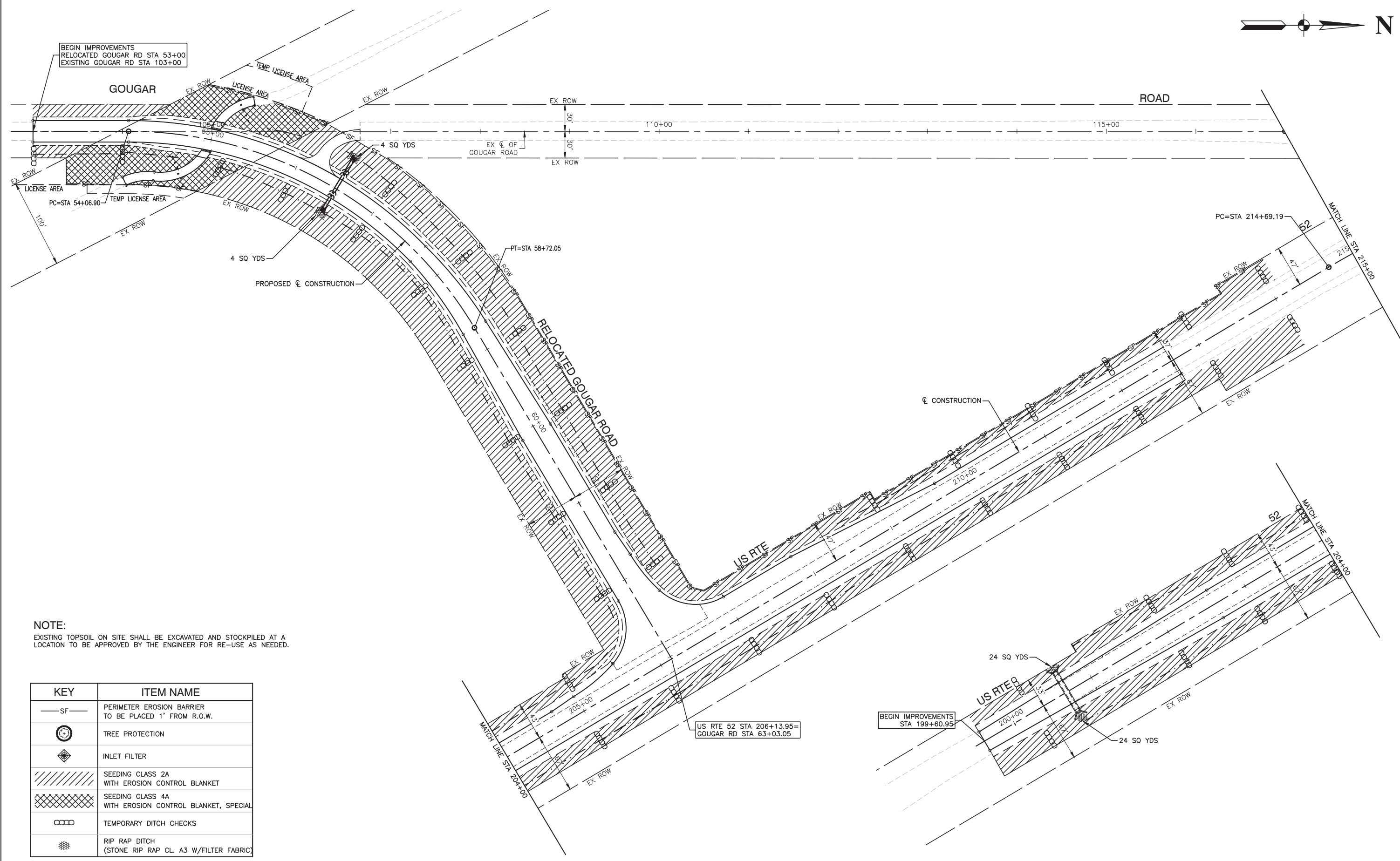
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = 1"=50' | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 52 AND GOUGAR ROAD IMPROVEMENTS
PROPOSED GOUGAR ROAD
SIGNING PLAN**

SCALE: 1"=50' SHEET NO. 27 OF 54 SHEETS STA. TO STA.

| | | | | |
|-----------------------|----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 27 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | ---- | |



NOTE:
 EXISTING TOPSOIL ON SITE SHALL BE EXCAVATED AND STOCKPILED AT A LOCATION TO BE APPROVED BY THE ENGINEER FOR RE-USE AS NEEDED.

| KEY | ITEM NAME |
|--------|--|
| — SF — | PERIMETER EROSION BARRIER TO BE PLACED 1' FROM R.O.W. |
| | TREE PROTECTION |
| | INLET FILTER |
| | SEEDING CLASS 2A WITH EROSION CONTROL BLANKET |
| | SEEDING CLASS 4A WITH EROSION CONTROL BLANKET, SPECIAL |
| | TEMPORARY DITCH CHECKS |
| | RIP RAP DITCH (STONE RIP RAP CL. A3 W/FILTER FABRIC) |

FILE NAME = 12620_02-LNCS-01 - P01

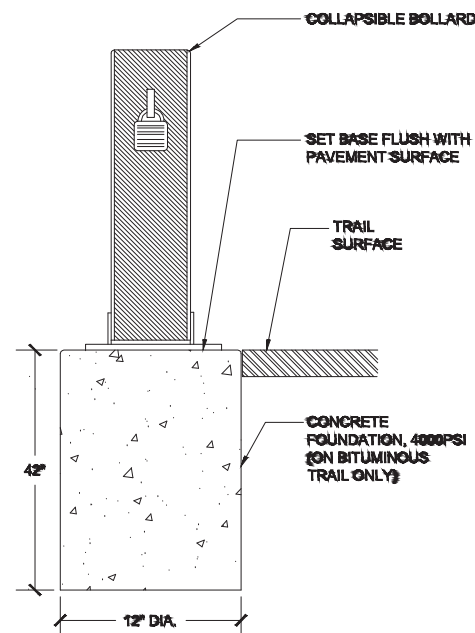
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|----------------------|----------------|-----------|
| USER NAME = | DESIGNED — WPD | REVISED — |
| | CHECKED — PK | REVISED — |
| PLOT SCALE = 1"=50' | DRAWN — MED | REVISED — |
| PLOT DATE = 01-11-19 | CHECKED — APG | REVISED — |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
 PROPOSED GOUGAR ROAD
 LANDSCAPING & EROSION CONTROL

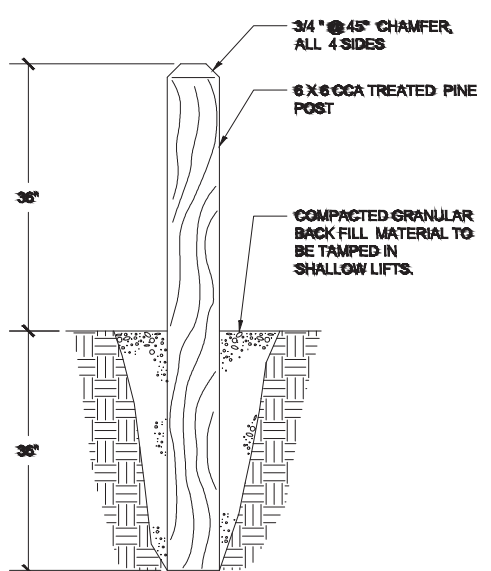
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|-----------------------|----------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 28 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | ---- | |

SCALE: 1"=50' SHEET NO. 28 OF 54 SHEETS STA. TO STA.



NOTES:
 1. COLLAPSIBLE BOLLARD SHALL BE MANUFACTURED BY TRAFFICGUARD (887-727-7347), DOUBLE POST MODEL WITH DOUBLE LOCKS AND OPTIONAL PIN.
 2. INSTALL SO THAT BOLLARD LIES FLAT ON PAVEMENT WHEN UNLOCKED. OPEN BOLLARD TO BE FLUSH WITH PAVEMENT AND PARALLEL TO EDGES OF TRAIL.

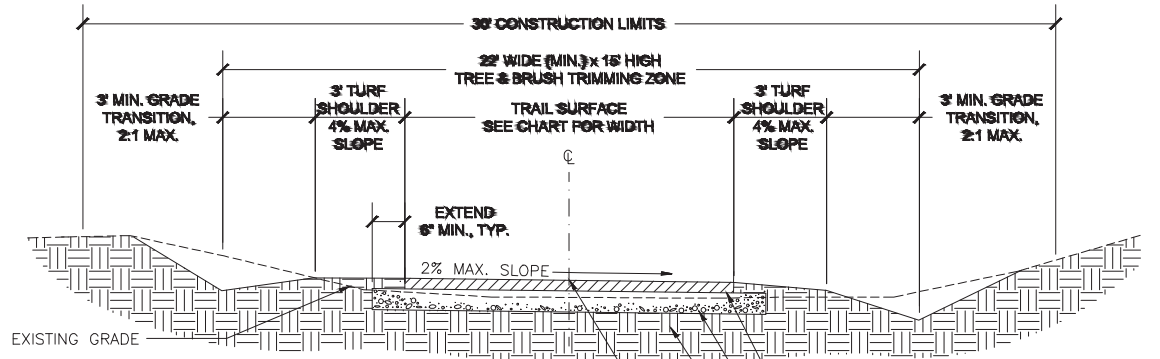
TIP-DOWN BOLLARD
 NOT TO SCALE



NOTES:
 1. QTY. AS NEEDED TO BLOCK CARS

WOOD BOLLARD
 NOT TO SCALE

| TRAIL CLASS | TRAIL SURFACE MATERIAL | WIDTH | USAGE |
|-------------|------------------------|-------|---------------------------------|
| A | BITUMINOUS | 18' | LOW TRAFFIC |
| | BITUMINOUS | 12' | HIGH TRAFFIC |
| B | LIMESTONE SCREENINGS | 18' | LOW TRAFFIC AND/OR HORSE TRAIL |
| | LIMESTONE SCREENINGS | 12' | HIGH TRAFFIC AND/OR HORSE TRAIL |



NOTES:
 1. ALL TRAILS SHALL MEET CURRENT ADA STANDARDS.
 2. 5.0% MAX. LONGITUDINAL SLOPE ON BITUMINOUS TRAIL.
 3. 3.0% MAX. LONGITUDINAL SLOPE ON LIMESTONE SCREENING TRAIL.
 4. 2.0% MAX CROSS SLOPE ON TRAIL.
 5. WATER SHALL NOT FLOW ACROSS ANY TRAIL WITHOUT OWNER'S APPROVAL.

1.5" BITUMINOUS SURFACE COURSE AND 2.5" BITUMINOUS BINDER COURSE OR 3" LIMESTONE SCREENINGS
 8" COMPACTED CA-6 AGGREGATE BASE COURSE
 COMPACTED SUBGRADE
 4" CONTINUOUS YELLOW PAINT STRIPE

TRAIL CROSS-SECTION (Class A/B)
Standard Details - Trails

17540 Laraway Road Joliet, IL 60433 815-727-8700

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C:\Landscape Architecture\Standard Details\Trail\Standard Details-Trails.dwg



TRAIL BOLLARDS
Standard Details - Trails

17540 Laraway Road Joliet, IL 60433 815-727-8700

Scale: Not to Scale
 Sheet: 3 of X
 Revision Date: 03/13/06



TRAIL CROSS-SECTION (Class A/B)
Standard Details - Trails

17540 Laraway Road Joliet, IL 60433 815-727-8700

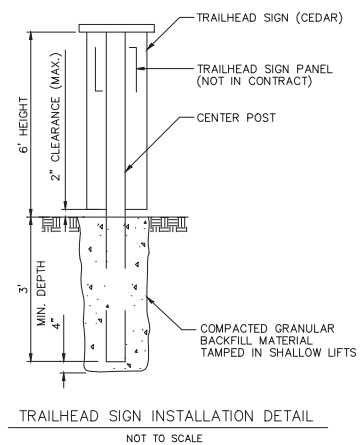
Scale: Not to Scale
 Sheet: X of Y
 Revision Date: 07/05/16

| | | | |
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| FILE NAME = 12620_02-DTLS-02 - IDOT P01 | USER NAME = | DESIGNED -- WPD | REVISED -- |
| | | CHECKED -- PK | REVISED -- |
| | PLOT SCALE = | DRAWN -- ACAD | REVISED -- |
| | PLOT DATE = 01-11-19 | CHECKED -- ACAD | REVISED -- |

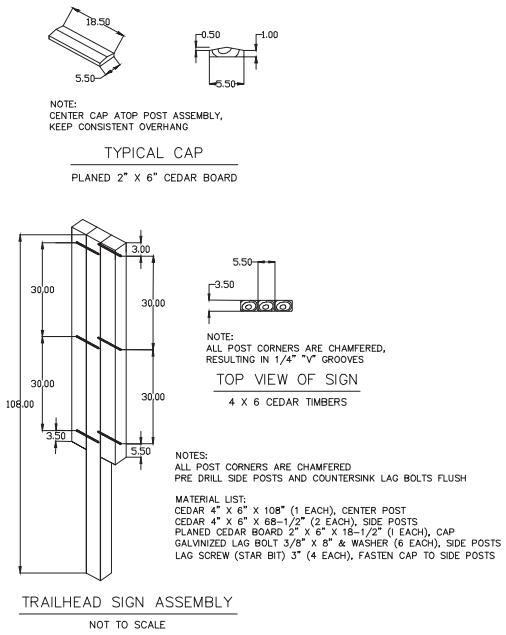
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

| | | | | | | |
|---|--|------------------|------------------------|---------------------------|-----------------|--------------|
| US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS | | F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 30 |
| CONSTRUCTION DETAILS | | SCALE: | | SHEET NO. 30 OF 54 SHEETS | | STA. TO STA. |

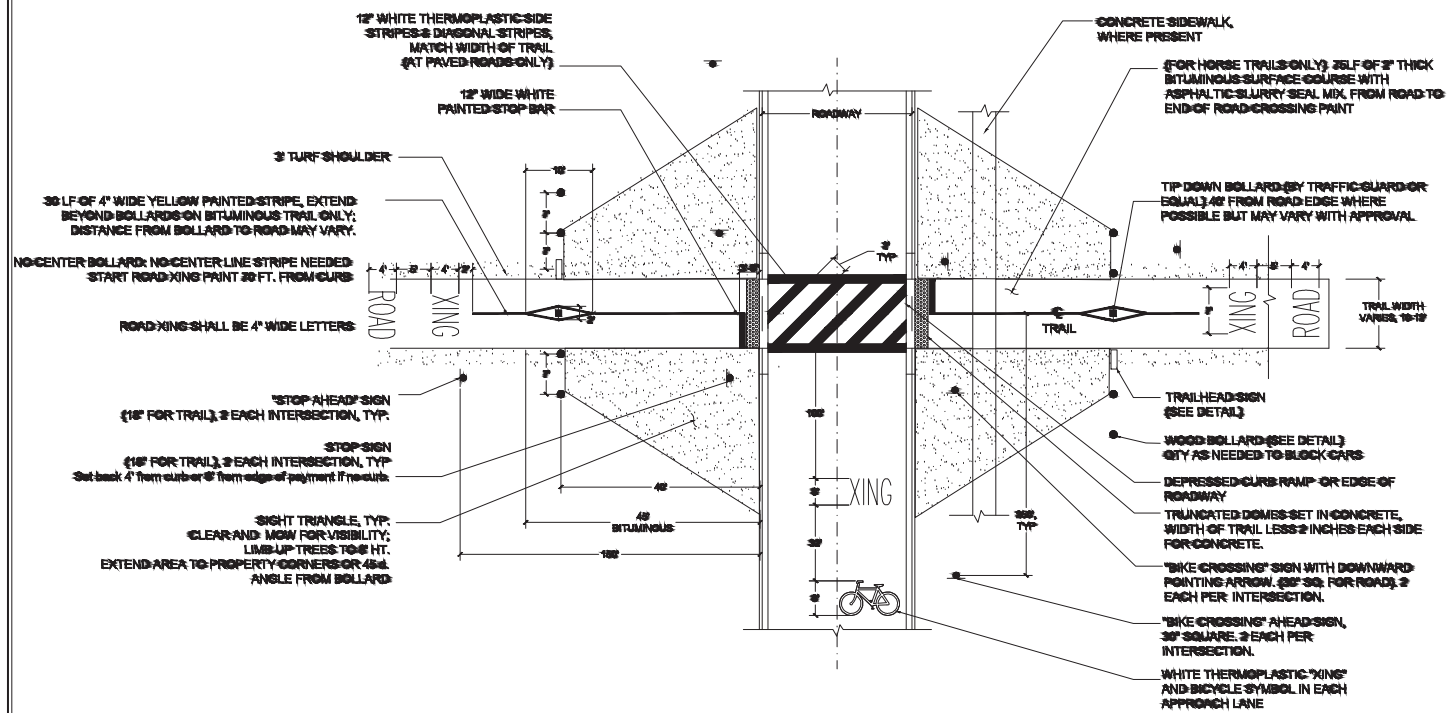
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|-----------------------|----------|------------------|--------------------|
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | CONTRACT NO. 61F68 |
|-----------------------|----------|------------------|--------------------|



Trailhead Sign Installation Detail



Trailhead Sign Fabrication Detail



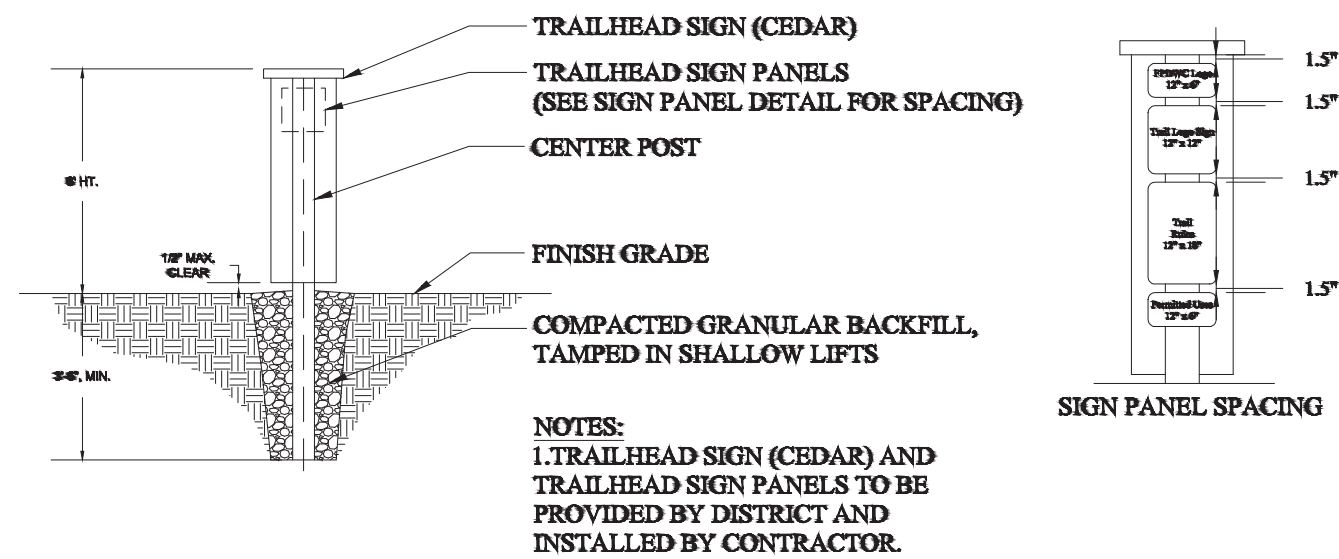
TRAIL ROADWAY CROSSING DETAIL

17540 Laraway Road Joliet, IL 60433 815-727-8700

Scale: Not to Scale

05/07/2013

© Landscaping Architecture Standard Details and Symbols Standard Details Sign Details Standard Details - all signs.dwg



TRAILHEAD SIGN DETAIL
Standard Details - Signs

17540 Laraway Road Joliet, IL 60433 815-727-8700

Scale: Not to Scale

05/27/2014

FILE NAME = 12620_02-DTLS-02 - IDOT P01 (2)

| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| PLOT SCALE = | CHECKED -- PK | REVISED -- |
| PLOT DATE = 01-11-19 | DRAWN -- ACAD | REVISED -- |
| | CHECKED -- ACAD | REVISED -- |

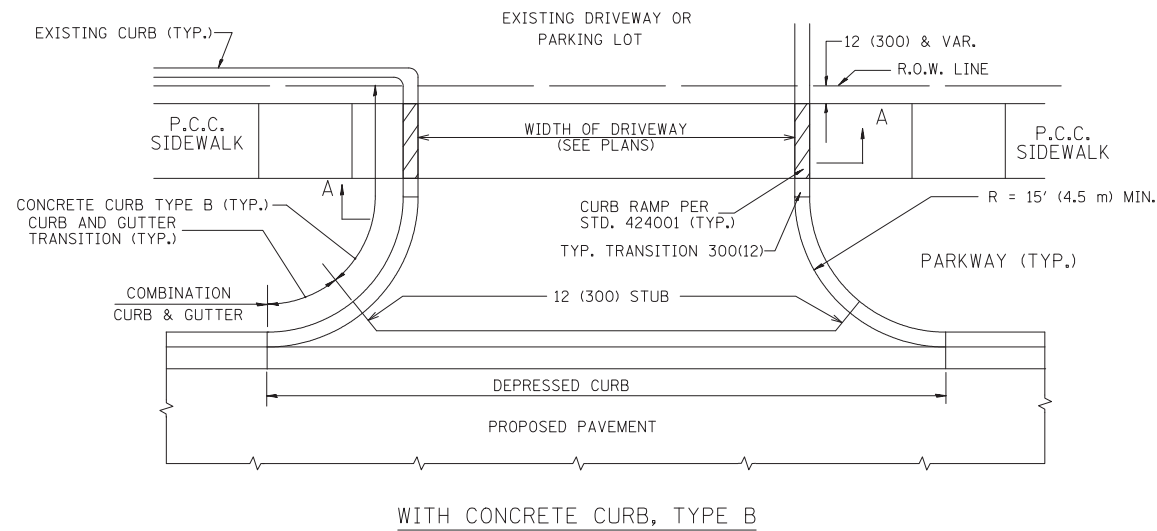
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
CONSTRUCTION DETAILS

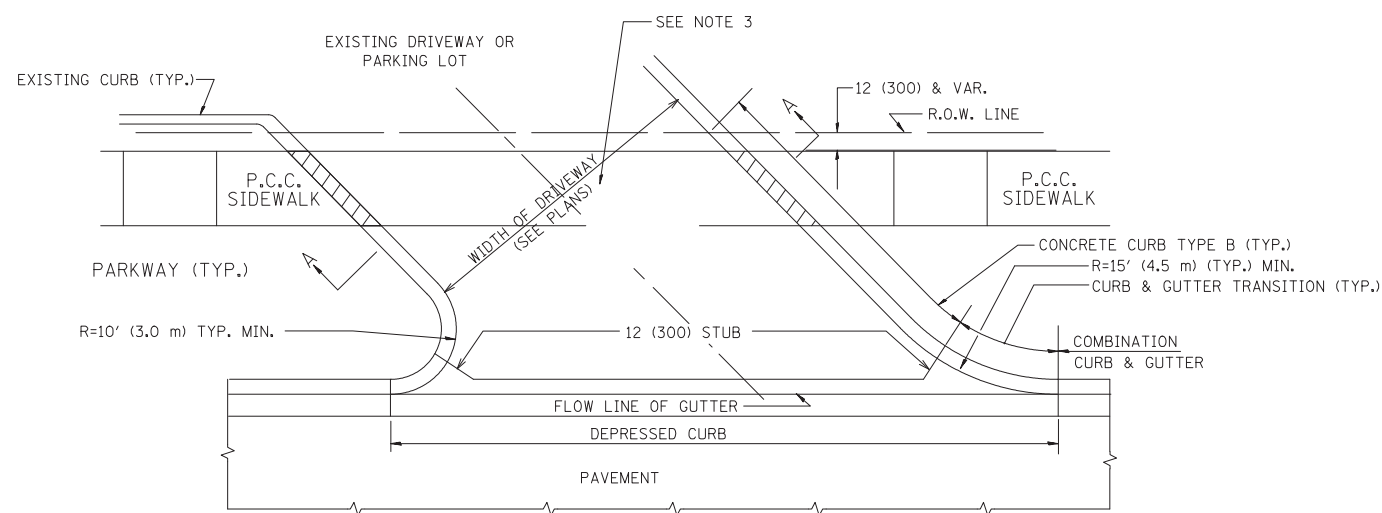
SCALE: SHEET NO. 31 OF 54 SHEETS STA. TO STA.

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|--------------------------------|------------------------|-------------|-----------------------|--------------|
| F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 31 |
| FED. ROAD DIST. NO. 1 ILLINOIS | | | FED. AID PROJECT ---- | |

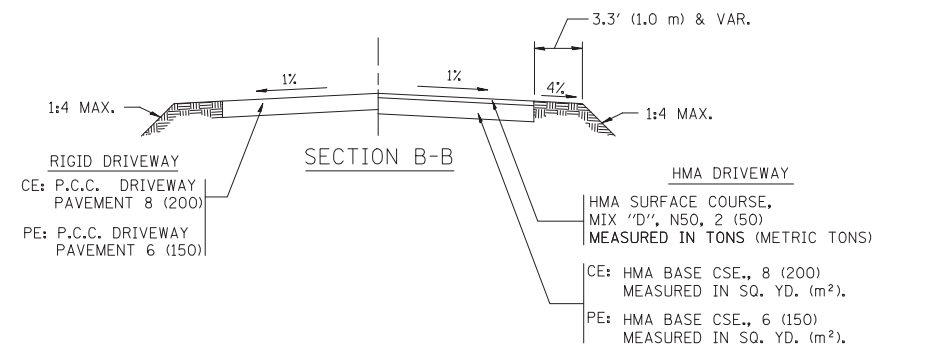
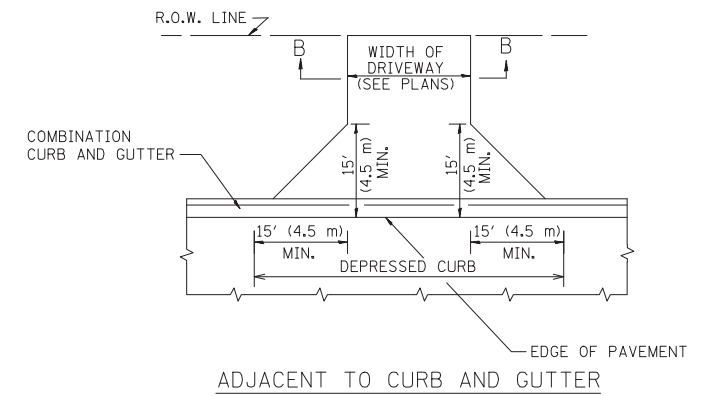
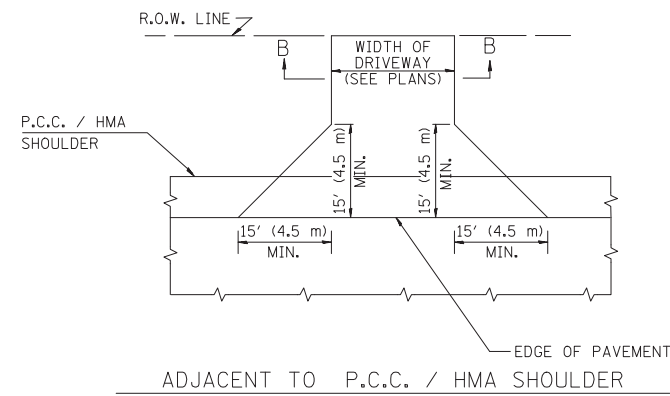
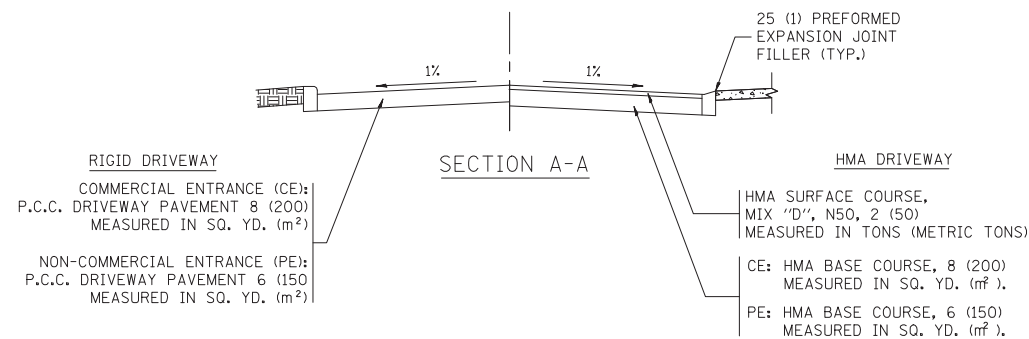
CONTRACT NO. 61F68



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)
HMA SURFACE COURSE, MIX "D", N50, 2 (50) MEASURED IN TONS (METRIC TONS)
AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

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

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

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

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

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

FILE NAME =
c:\pw_work\pwsdot\leyst\dl108315\bd01.dgn

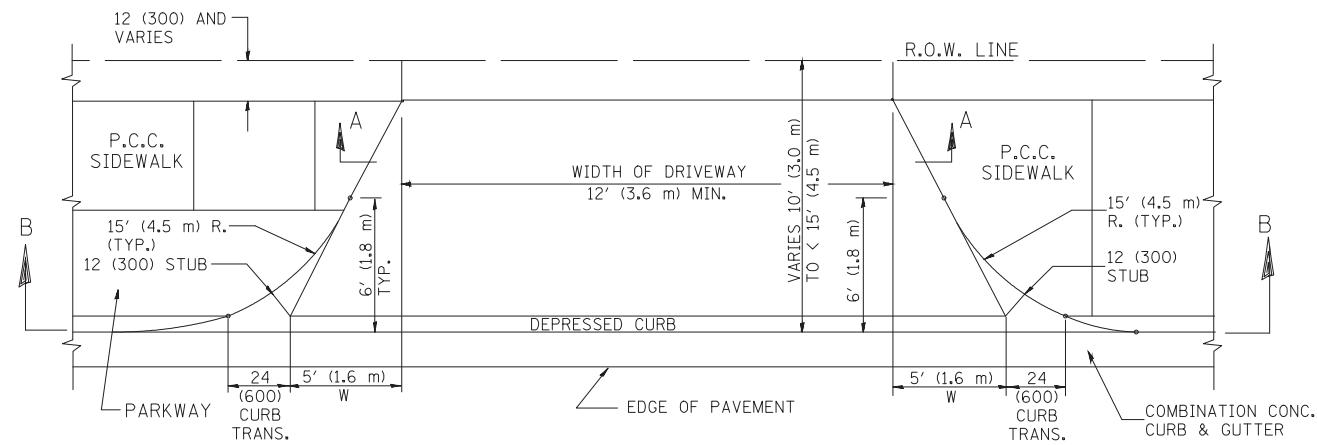
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PLOT SCALE = 50,0000' / in.
PLOT DATE = 01/15/2009

DESIGNED - R. SHAH
DRAWN -
CHECKED -
DATE - 11-04-95

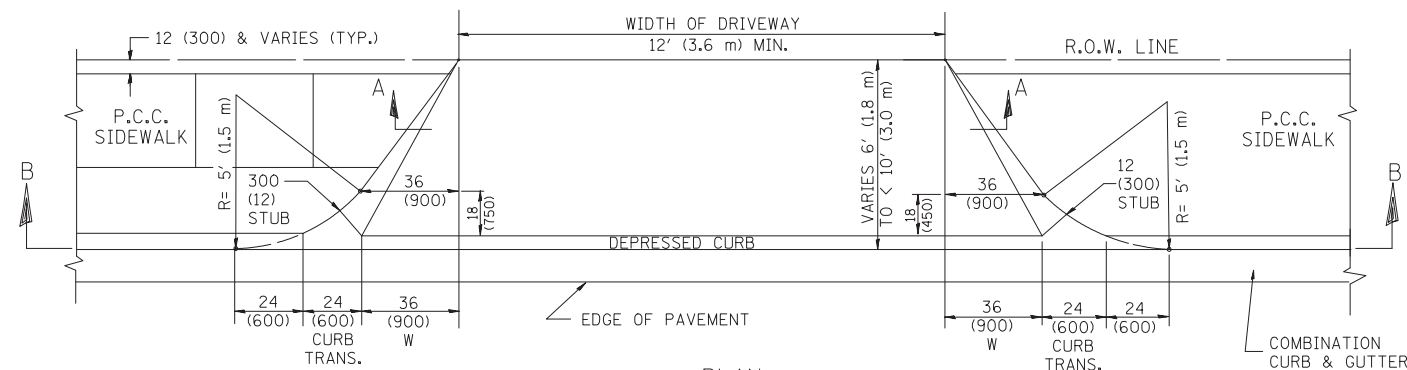
REVISED - P. LofLUER 04-15-03
REVISED - R. BORO 01-01-07
REVISED - R. BORO 06-11-08
REVISED - R. BORO 09-06-11

SCALE: NONE
SHEET NO. 32 OF 58 SHEETS
STA. TO STA.

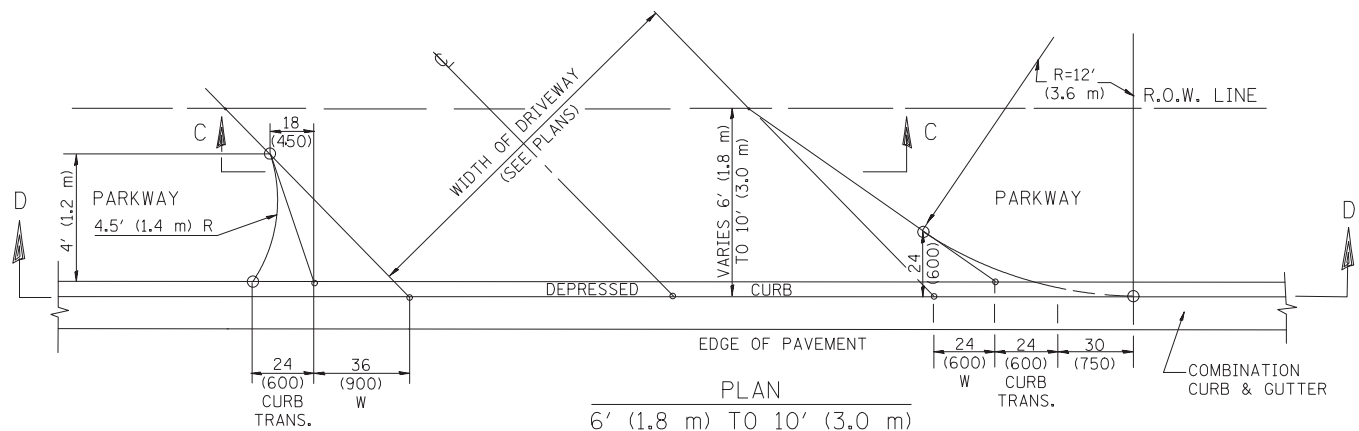
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|---|----------------|--------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 32 |
| RD0154-07 (RD-01) | | CONTRACT NO. 61F68 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



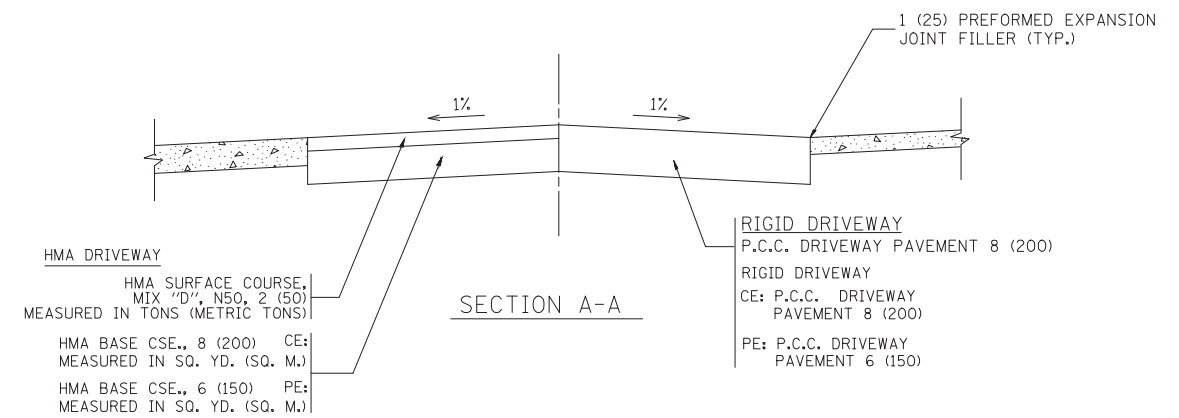
PLAN
10' (3.0 m) TO < 15' (4.5 m)



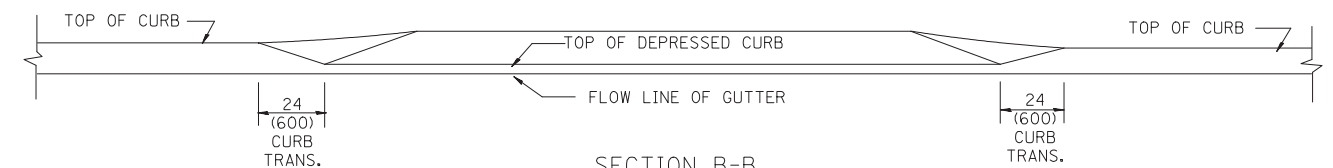
PLAN
6' (1.8 m) TO < 10' (3.0 m)



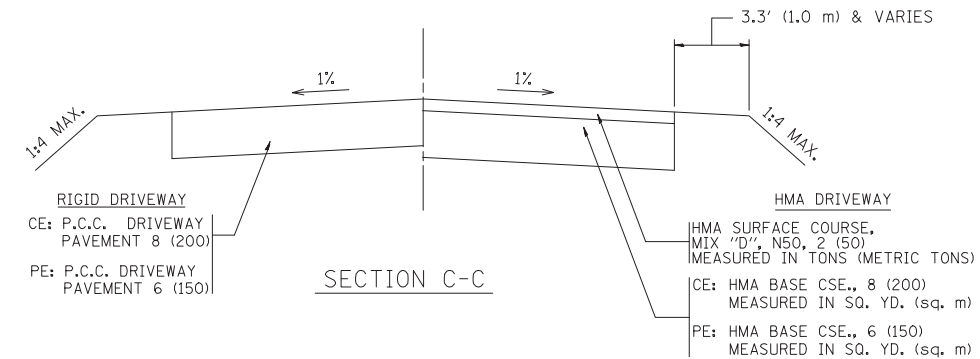
PLAN
6' (1.8 m) TO 10' (3.0 m)



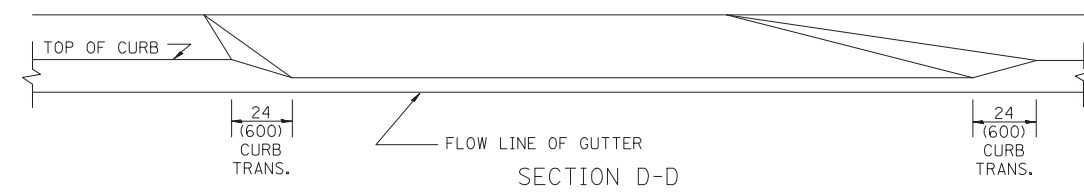
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

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

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

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

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

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

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

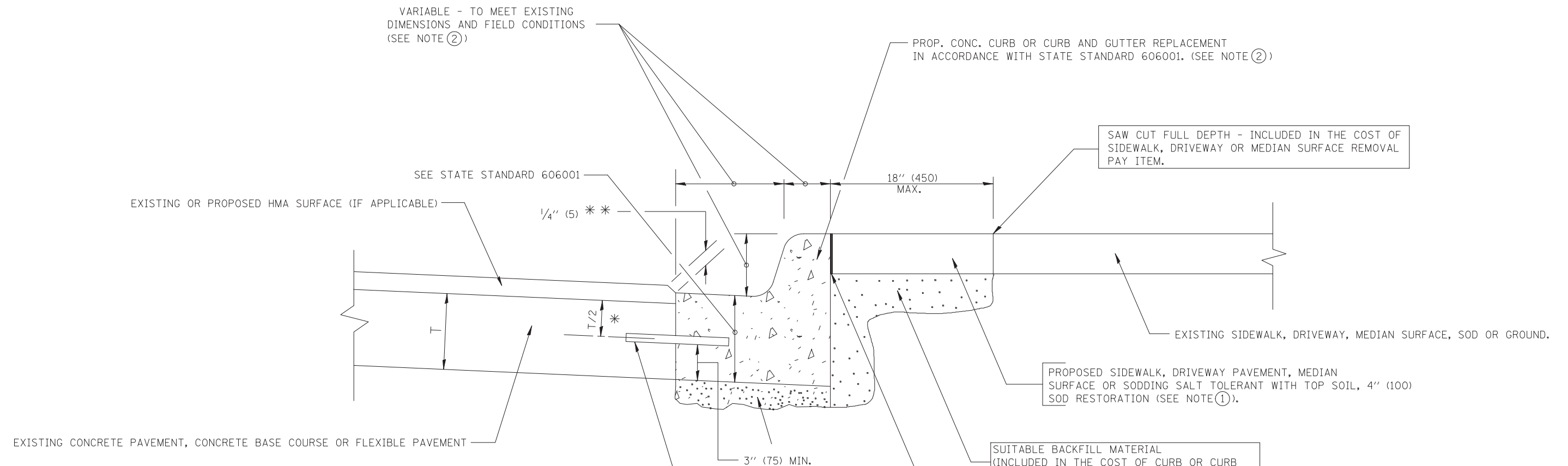
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

| | | | |
|--|-----------------------------|--------------------|-------------------------------|
| FILE NAME = | USER NAME = lseyo | DESIGNED - R. SHAH | REVISED - M. GOMEZ 04-06-01 |
| ct\pw_work\pndot\lseyo\d0108315\bd02.dgn | | DRAWN - | REVISED - P. LgFLEUR 04-15-03 |
| | PLOT SCALE = 50.0000' / in. | CHECKED - | REVISED - R. BORO 01-01-07 |
| | PLOT DATE = 10/23/11 | DATE - 11-06-95 | REVISED - R. BORO 09-06-11 |

| | | | | | | | |
|-------------|---------------------------|--------------|--|------------------------|--------------------|-----------------|--------------|
| SCALE: NONE | SHEET NO. 33 OF 54 SHEETS | STA. TO STA. | F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 33 |
| | | | 80400-02 (80-02) | | CONTRACT NO. 61F68 | | |
| | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



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

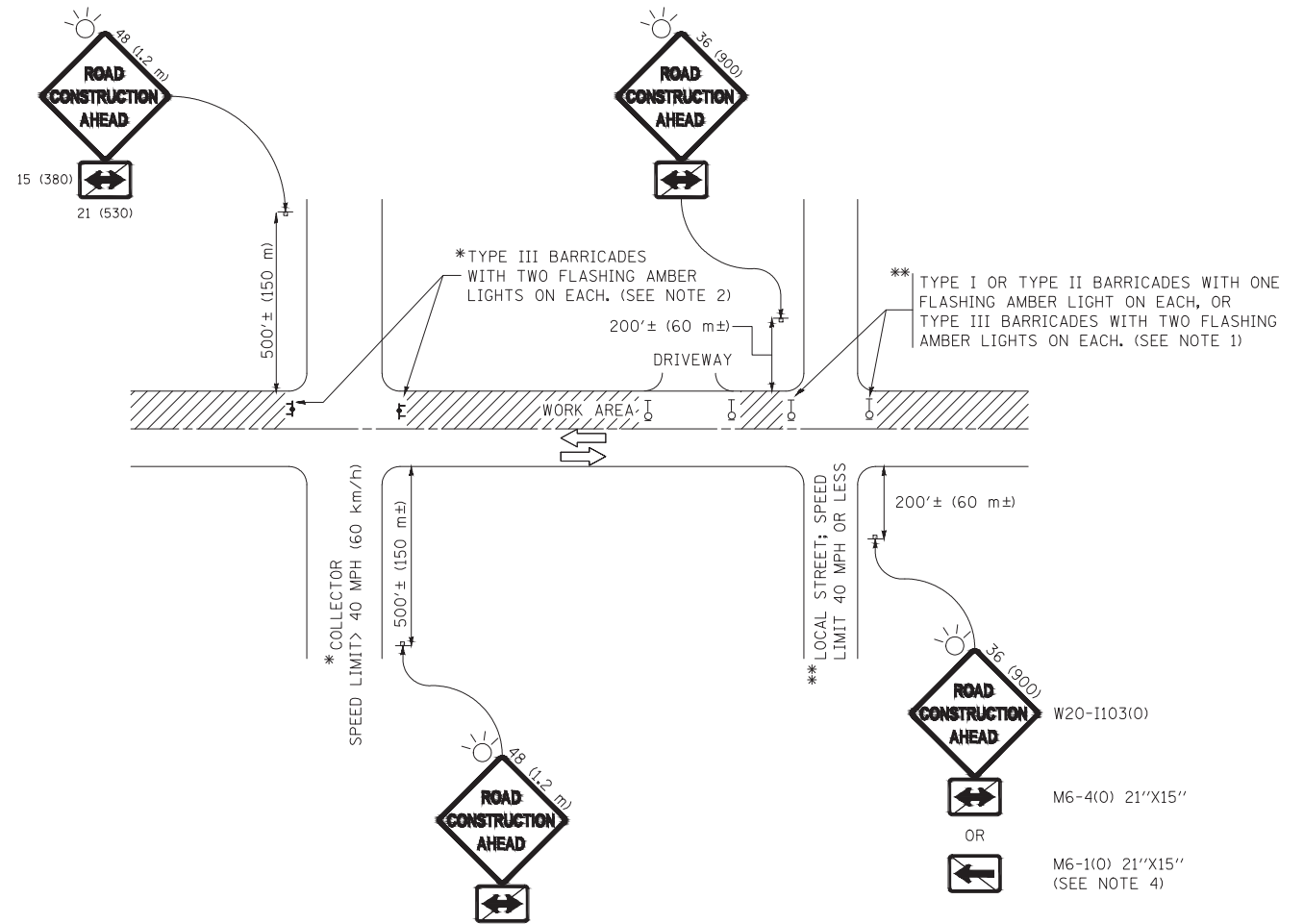
- PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)
- SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.
- EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.
- PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).
- SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

| | | | | | | | | | | |
|--|------------------------|----------------------|-----------------------------|---|--|-------------------------|----------------|--------------------|---|-----------|
| FILE NAME = | USER NAME = drivakosgn | DESIGNED - A. HOUSEH | REVISED - R. SHAH 10-03-96 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ct:\pr_work\pmdot\drivakosgn\d0108315\bd24.dgn | | DRAWN - | REVISED - A. ABBAS 03-21-97 | | | 0852 | 13-00011-00-CH | WILL | 54 | 34 |
| PLOT SCALE = 50.000' / IN. | | CHECKED - | REVISED - M. GOMEZ 01-22-01 | | | BD600-06 (BD-24) | | CONTRACT NO. 61F68 | | |
| PLOT DATE = 12/15/2009 | | DATE - 03-11-94 | REVISED - R. BORO 12-15-09 | SCALE: NONE | SHEET NO. 34 OF 58 SHEETS | STA. | TO STA. | | FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | |



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

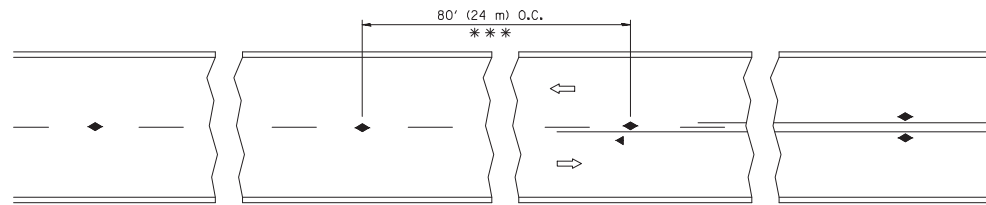
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| p:\IL084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\Dist1\022104\CADD\to\CADsheets\tc10.dgn | | CHECKED - | REVISED - T. RAMMACHER 01-06-00 |
| | PLOT SCALE = 50.000' / 1in. | | REVISED - A. SCHUETZE 07-01-13 |
| Default | PLOT DATE = 01/12/06 | DATE - 06-89 | REVISED - A. SCHUETZE 09-15-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

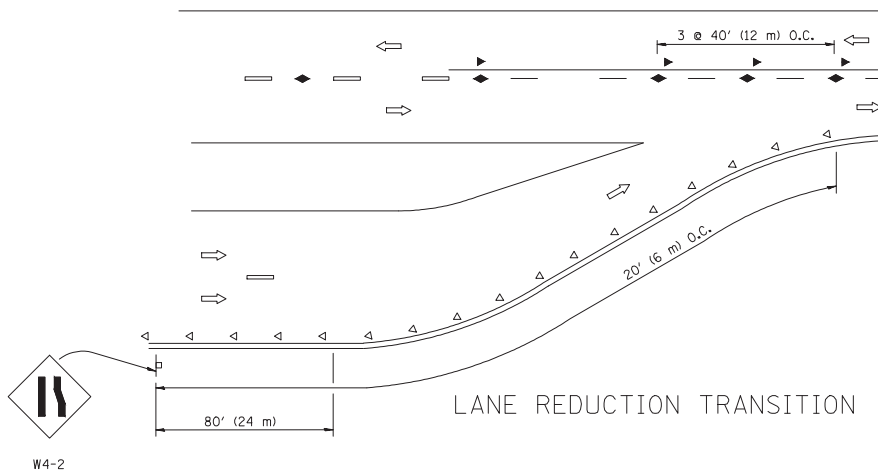
SCALE: NONE SHEET 1 35 OF 54 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------------|----------------|--------|--------------------|-----------|
| 0852 | 13-00011-00-CH | WILL | 54 | 35 |
| TC-10 | | | CONTRACT NO. 61F68 | |
| 1 ILLINOIS FED. AID PROJECT ---- | | | | |

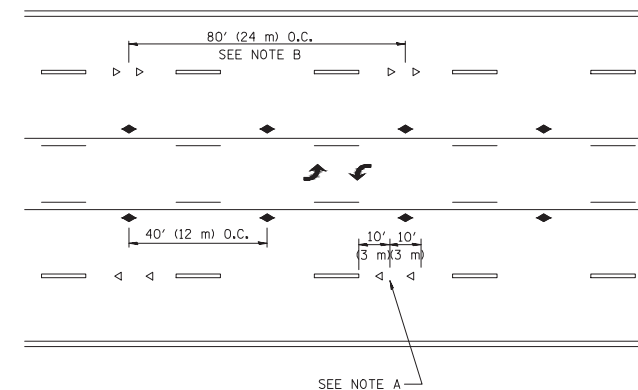


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

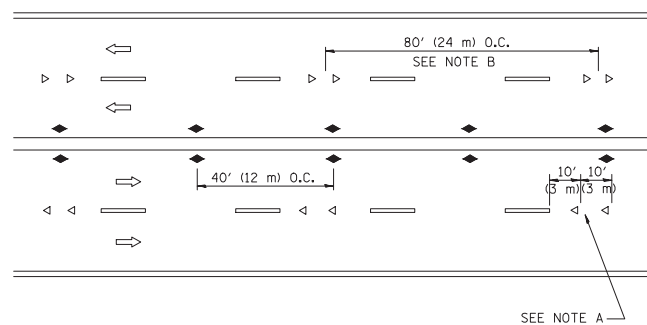
TWO-LANE/TWO-WAY



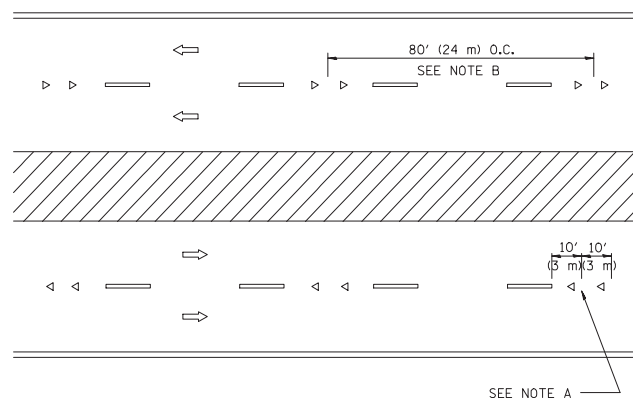
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

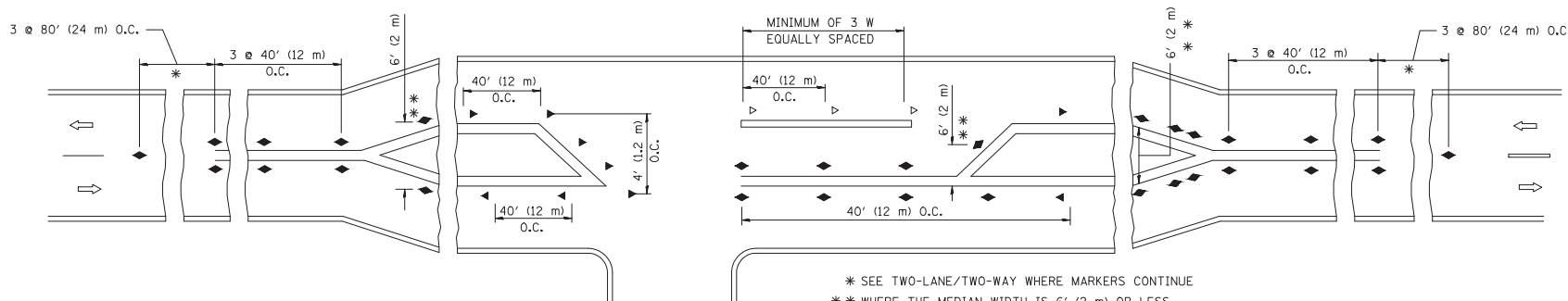
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

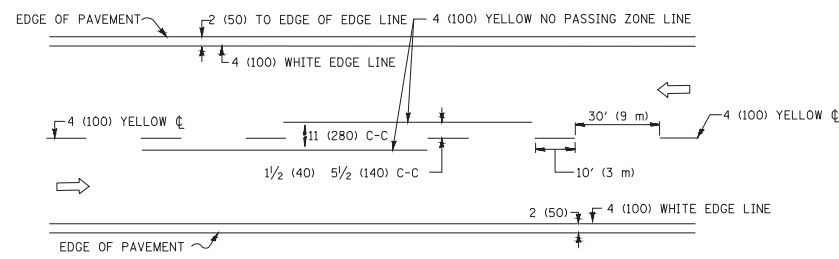


LEFT TURN

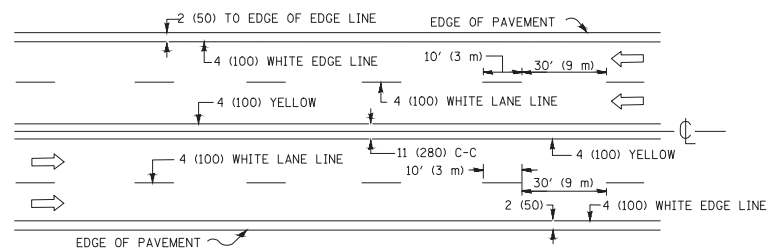
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

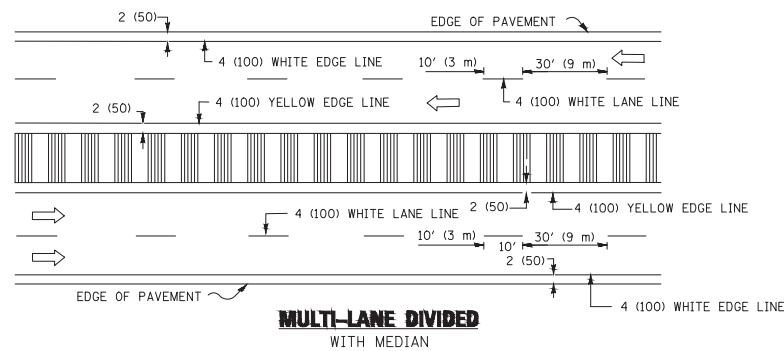
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| FILE NAME = | USER NAME = leyso | DESIGNED - | REVISED - T. RAMMACHER 09-19-94 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL APPLICATIONS | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pw_work\pwidot\leyso\d0108315\to11.dgn | | DRAWN - | REVISED - T. RAMMACHER 03-12-99 | | RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) | | 0852 | 13-00011-00-CH | WILL | 54 | 36 |
| | | CHECKED - | REVISED - T. RAMMACHER 01-06-00 | | SCALE: NONE | SHEET NO. 36 OF 54 SHEETS | STA. | TO STA. | TC-11 | | |
| | | DATE - | REVISED - C. JUICIUS 09-09-09 | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61F68 | |



2-LANE ROADWAY

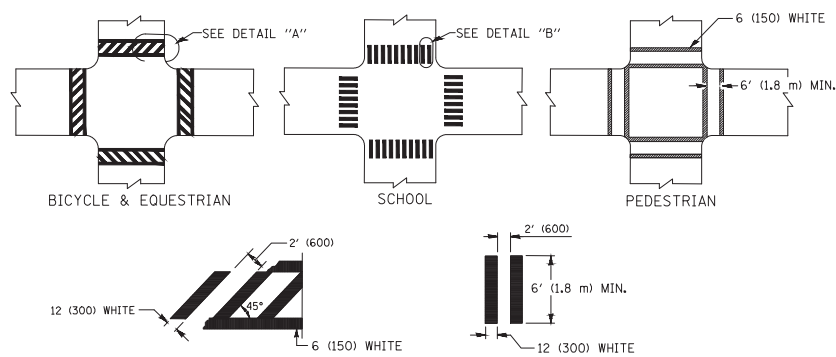


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

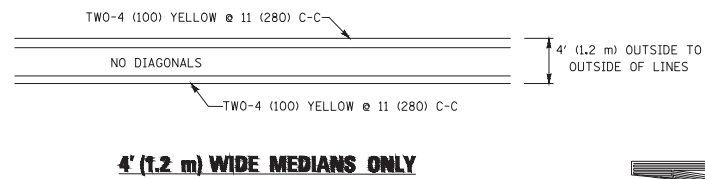


DETAIL "A"

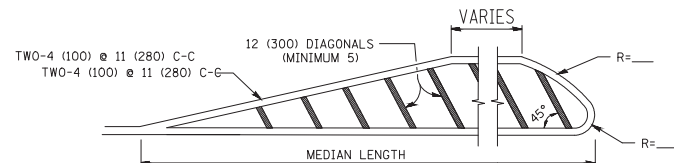
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

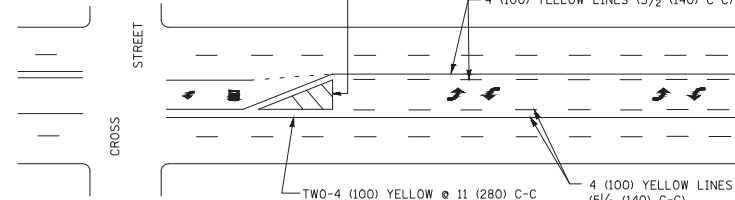


4' (1.2 m) WIDE MEDIANS ONLY



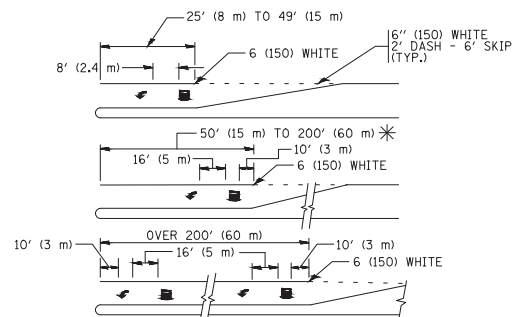
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



MEDIAN WITH TWO-WAY LEFT TURN LANE

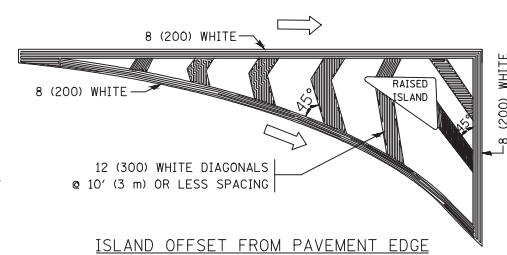
TYPICAL PAINTED MEDIAN MARKING



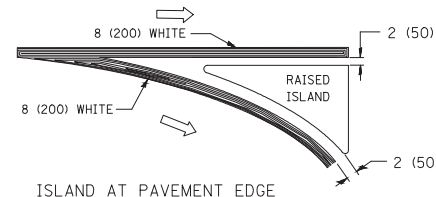
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

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

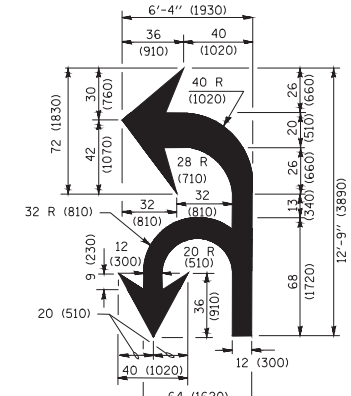


ISLAND OFFSET FROM PAVEMENT EDGE

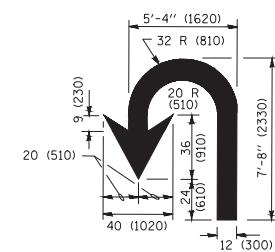


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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

| | | | |
|--------------------------------------|-----------------------------|------------------|------------------------------|
| FILE NAME = W:\dststd\22x34\td13.dgn | USER NAME = leysa | DESIGNED - EVERS | REVISED - C. JUCIUS 09-09-09 |
| | | DRAWN - | REVISED - C. JUCIUS 07-01-13 |
| | PLOT SCALE = 50,000' / 1in. | CHECKED - | REVISED - C. JUCIUS 12-21-15 |
| Default | PLOT DATE = 04/28/2017 | DATE - 03-19-90 | REVISED - C. JUCIUS 04-12-16 |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 37 OF 5# SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|--------------------|-----------------|--------------|
| F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 37 |
| TC-13 | | CONTRACT NO. 61F68 | | |
| ILLINOIS FED. AID PROJECT | | | | |

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

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

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

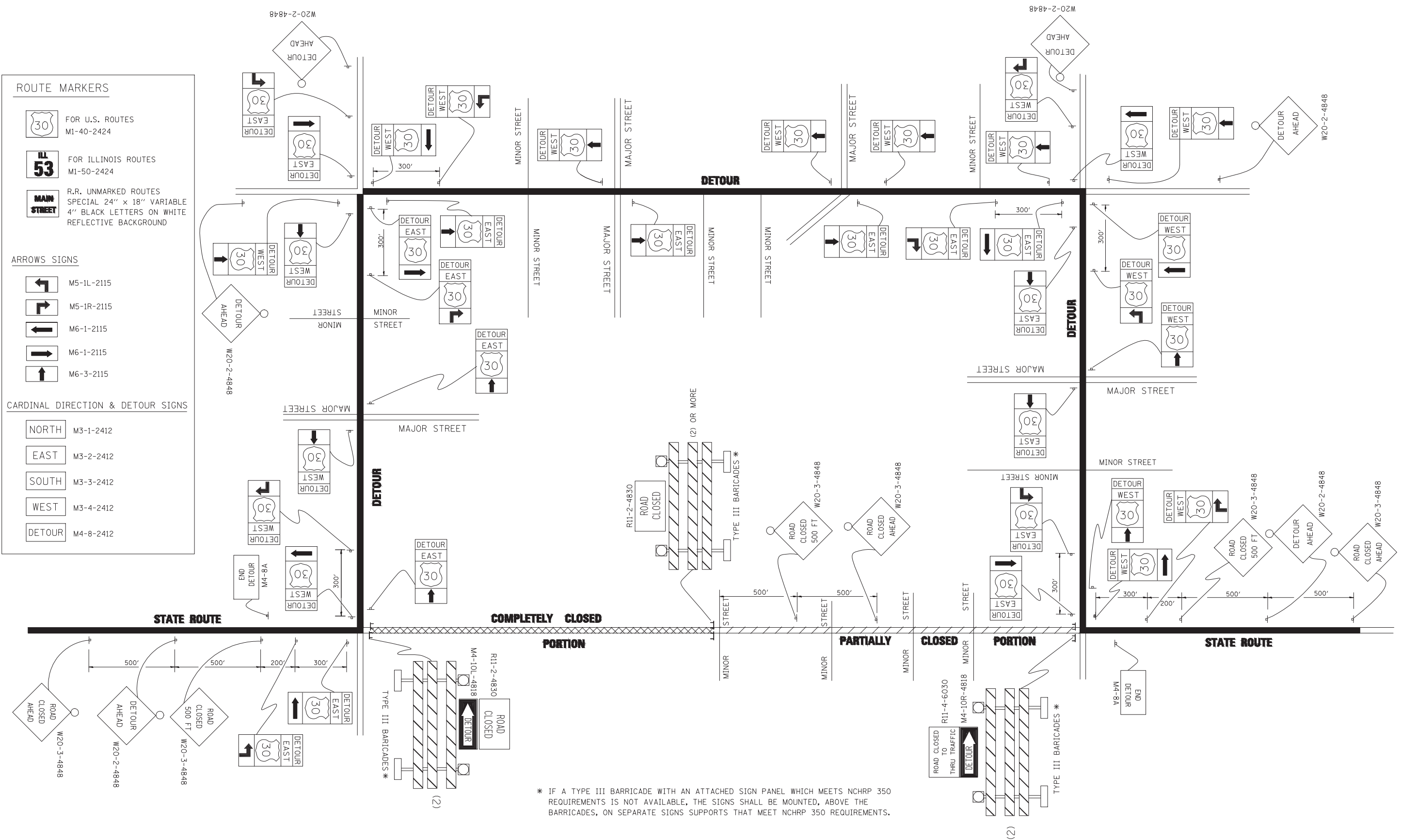
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS**

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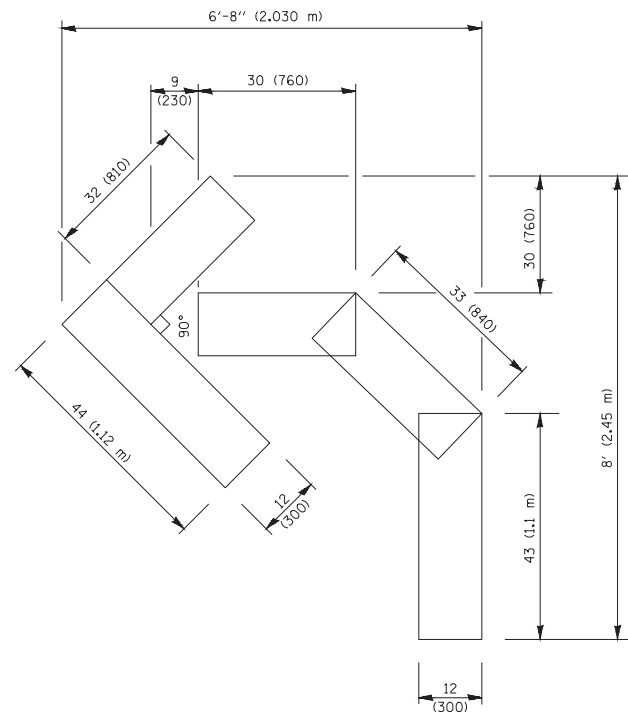
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DRAWN -
CHECKED -
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PLOT DATE = 04/12/09

DESIGNED -
DRAWN -
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DATE -

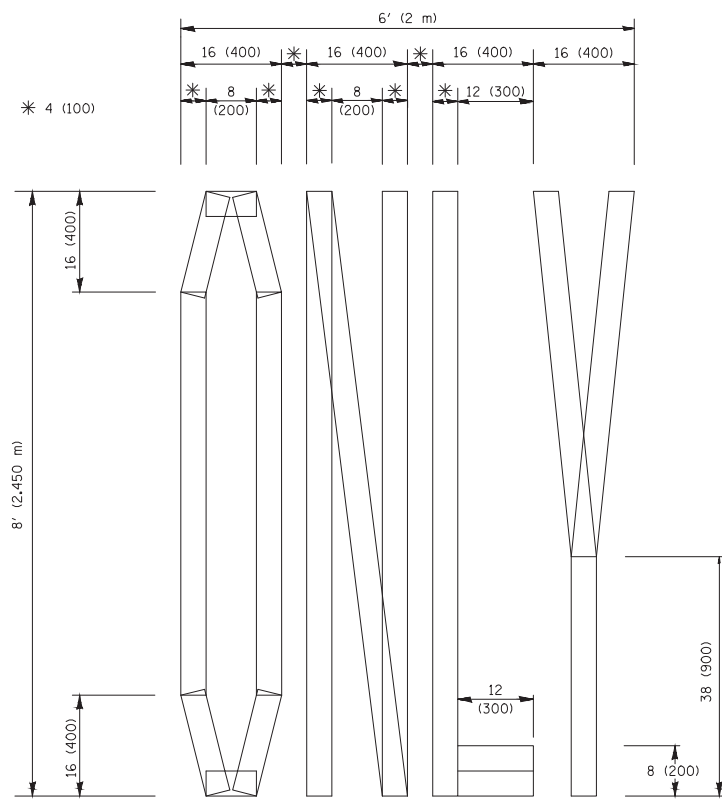
REVISED - 10-18-02
REVISED - R. BORO 09-14-09
REVISED -
REVISED -

SCALE: NONE SHEET NO. 38 OF 58 SHEETS STA. TO STA.

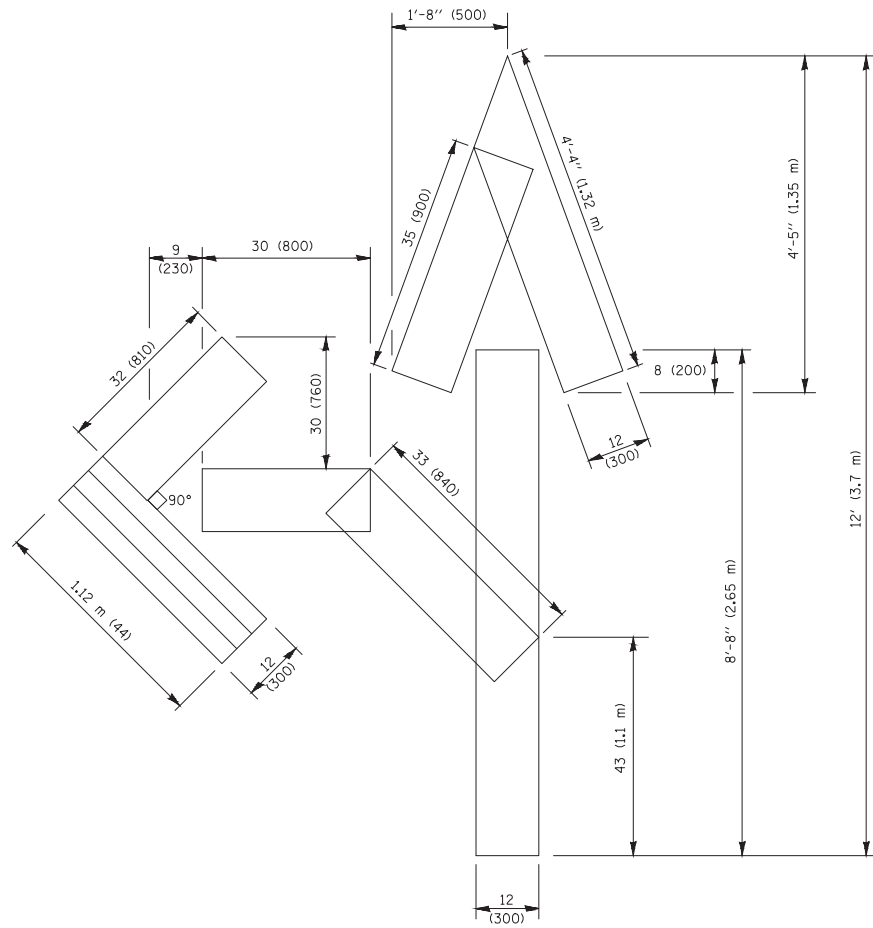
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------------|---------------------------|--------------|-----------|
| 0852 | 13-00011-00-CH | WILL | 54 | 38 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |
| TC-21 | | CONTRACT NO. 61F68 | | |



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

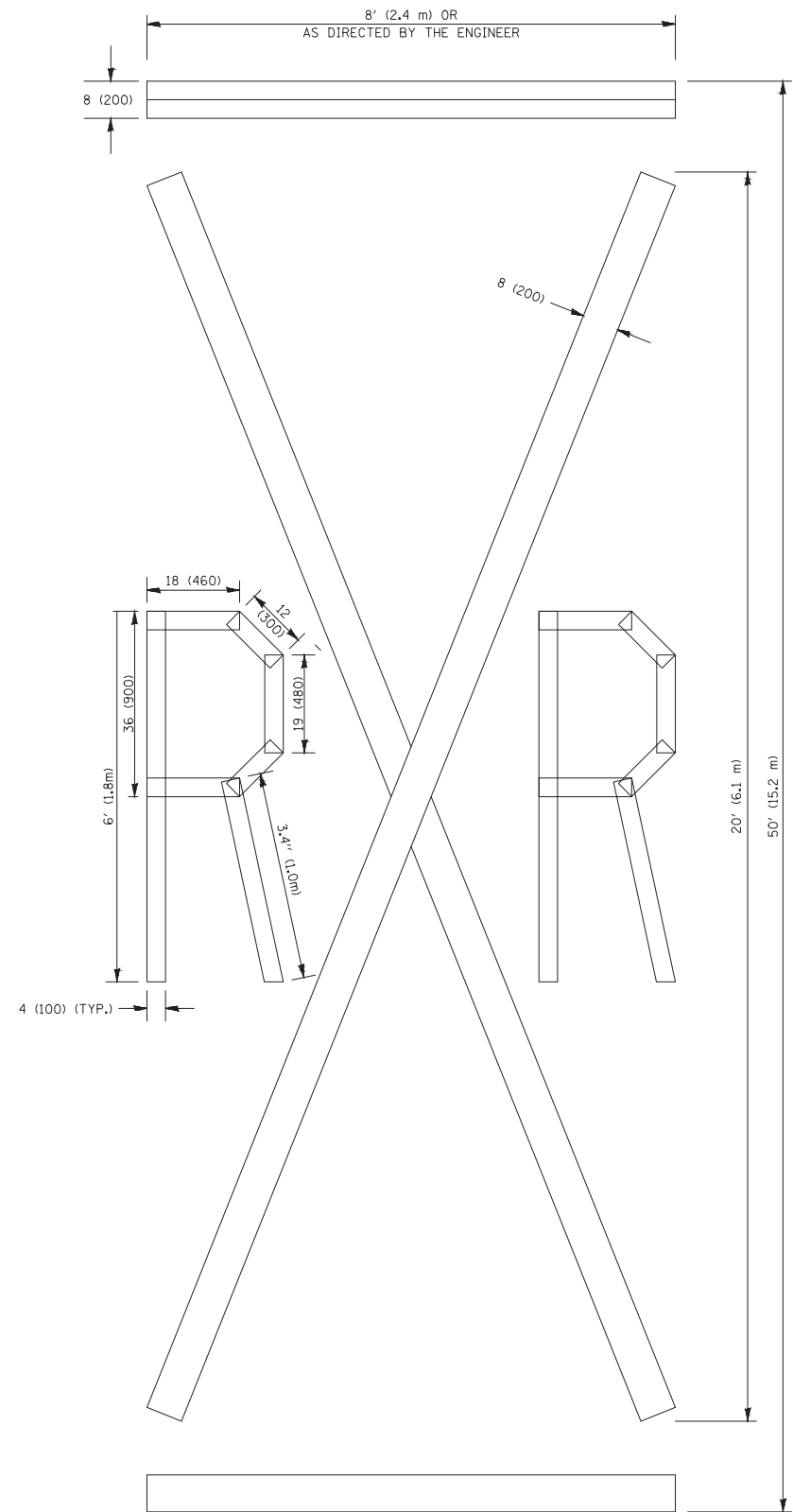


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

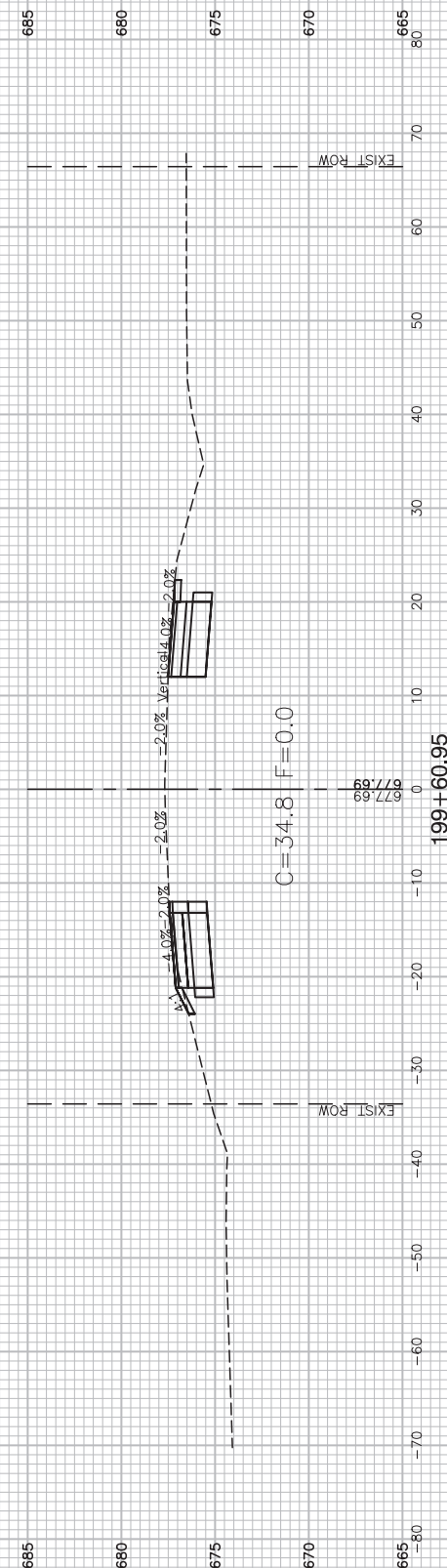
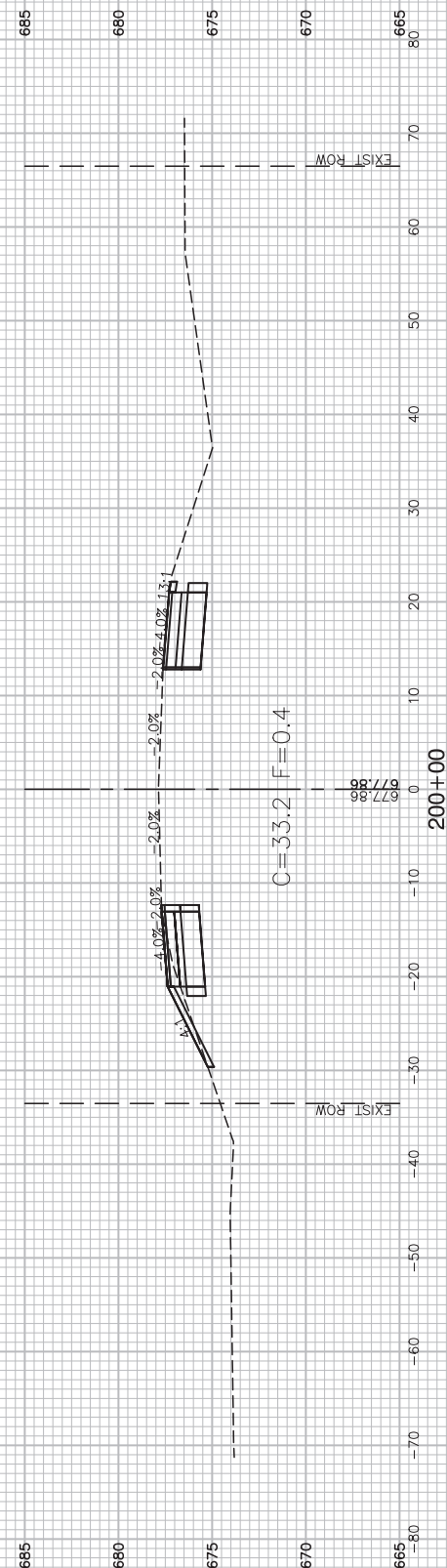
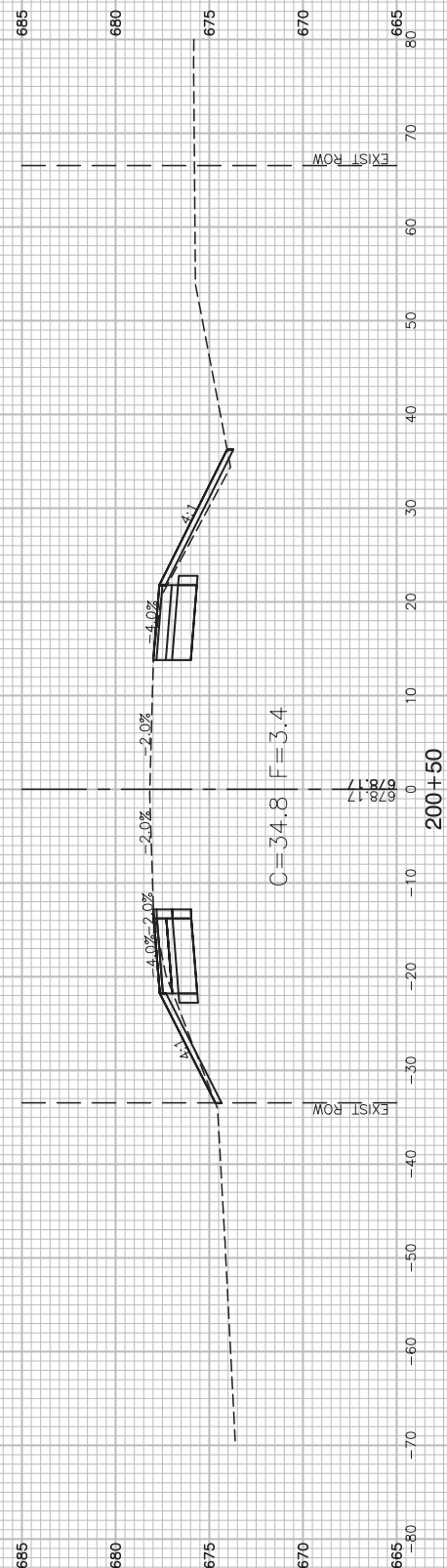
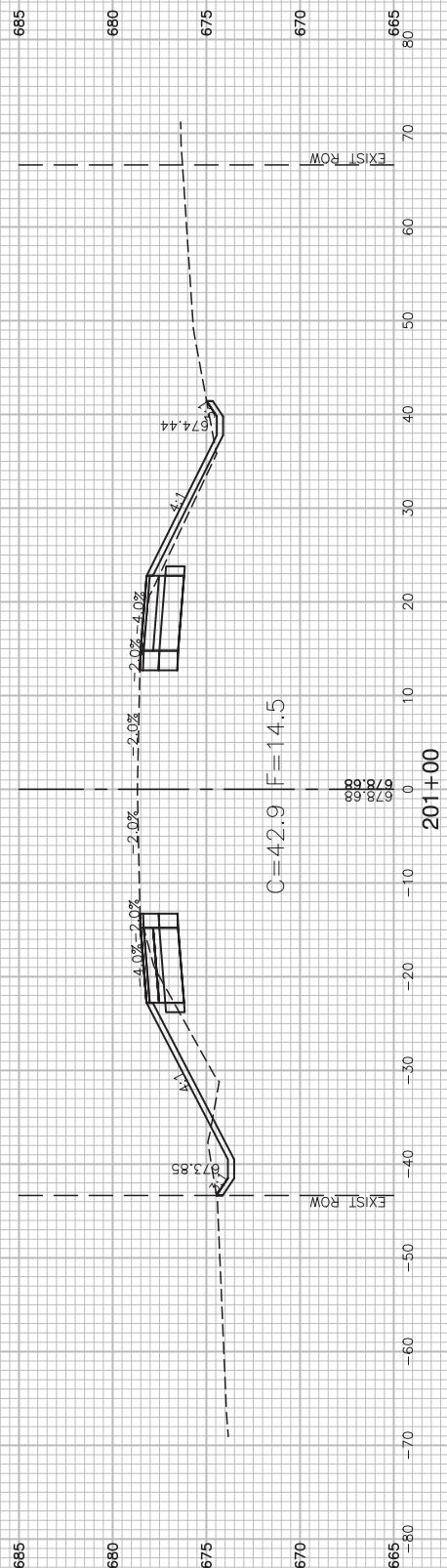
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| | | | REVISED -E. GOMEZ 08-28-00 |
| PLOT SCALE = 50,0000 ' / in. | | DATE - | REVISED -A. SCHUETZE 09-15-16 |
| PLOT DATE = 09-18-94 | | | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET NO. 38A OF 58 SHEETS STA. TO STA.

| | | | | |
|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 38A |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| TC-16 | | CONTRACT NO. 61F68 | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(4)

| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
US ROUTE 52 CROSS SECTIONS

SCALE: SHEET NO. 39 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 39 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |

FILE NAME = 12620_02-XSECT-01 - XSECT(S)

USER NAME =
 DESIGNED — WPD
 CHECKED — PK
 PLOT SCALE =
 DRAWN — MED
 PLOT DATE = 01-11-19
 CHECKED — APG

REVISED —
 REVISED —
 REVISED —
 REVISED —

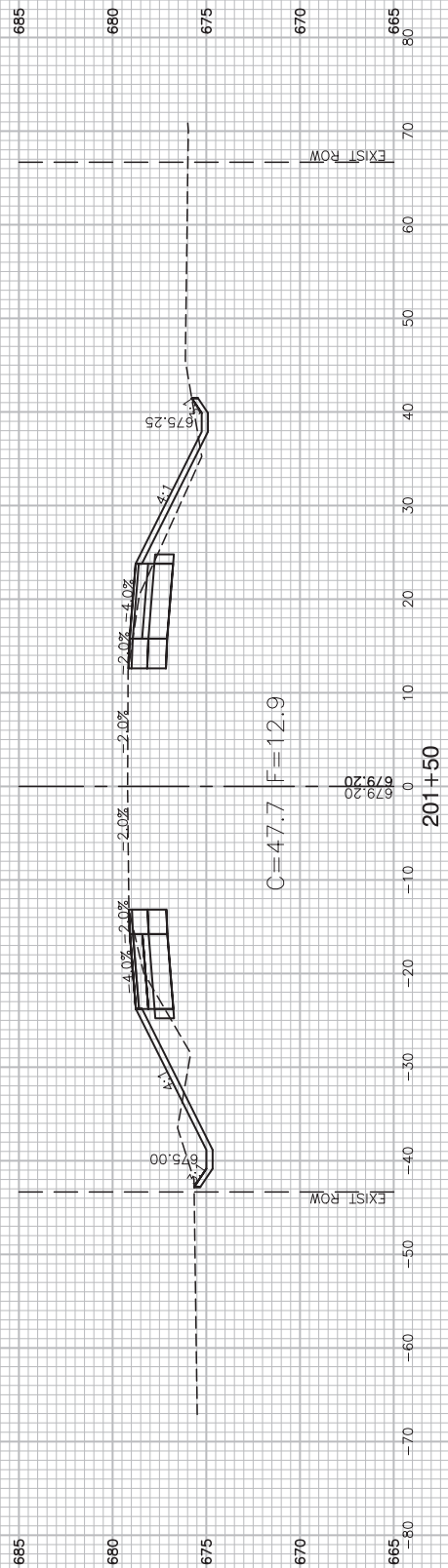
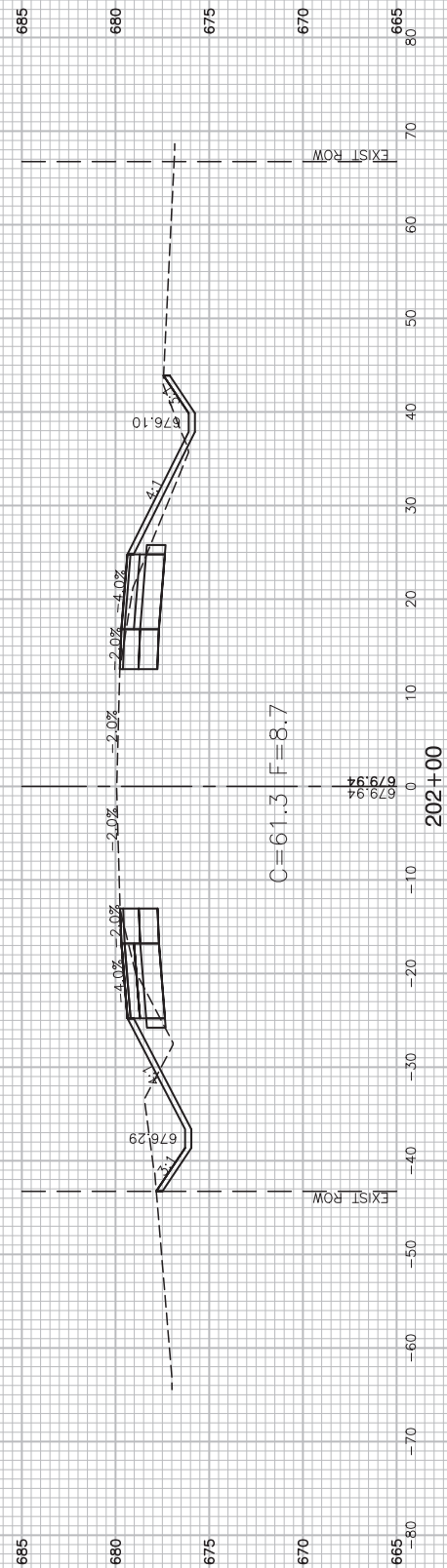
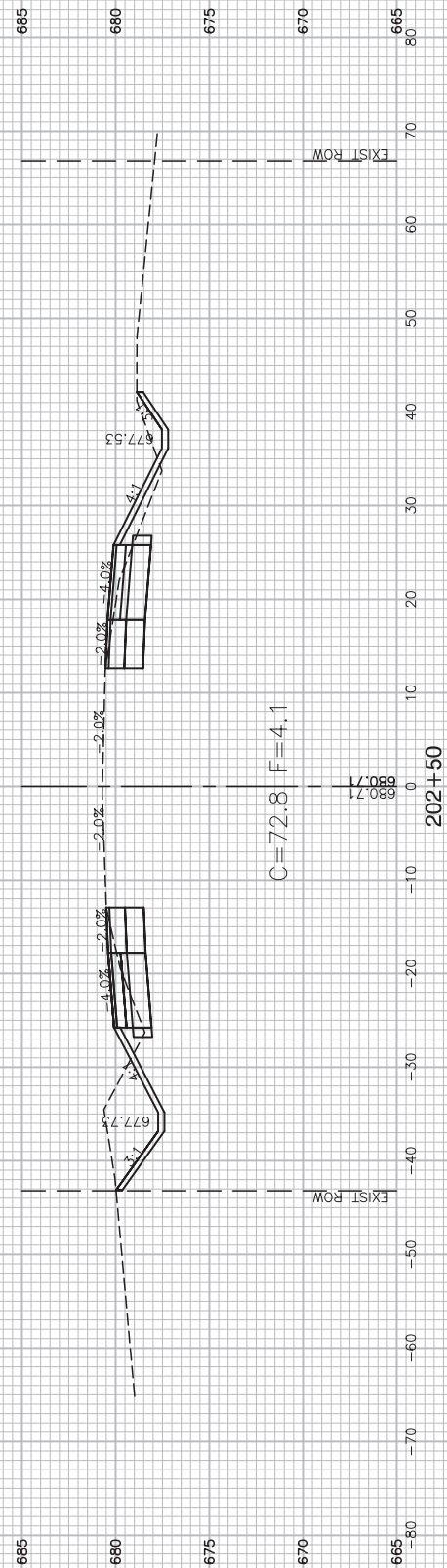
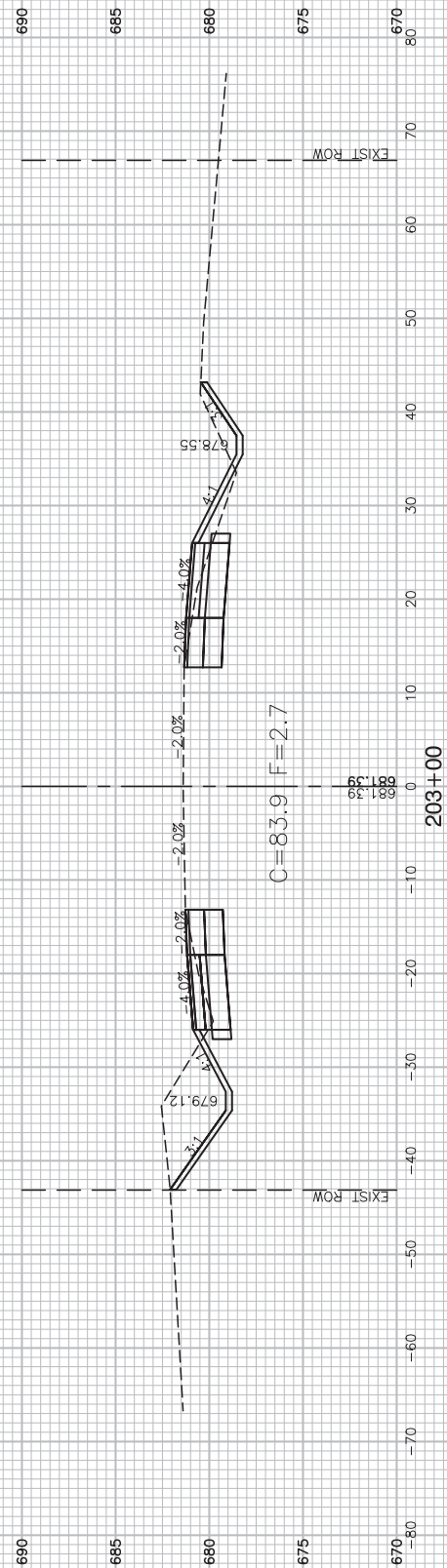
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

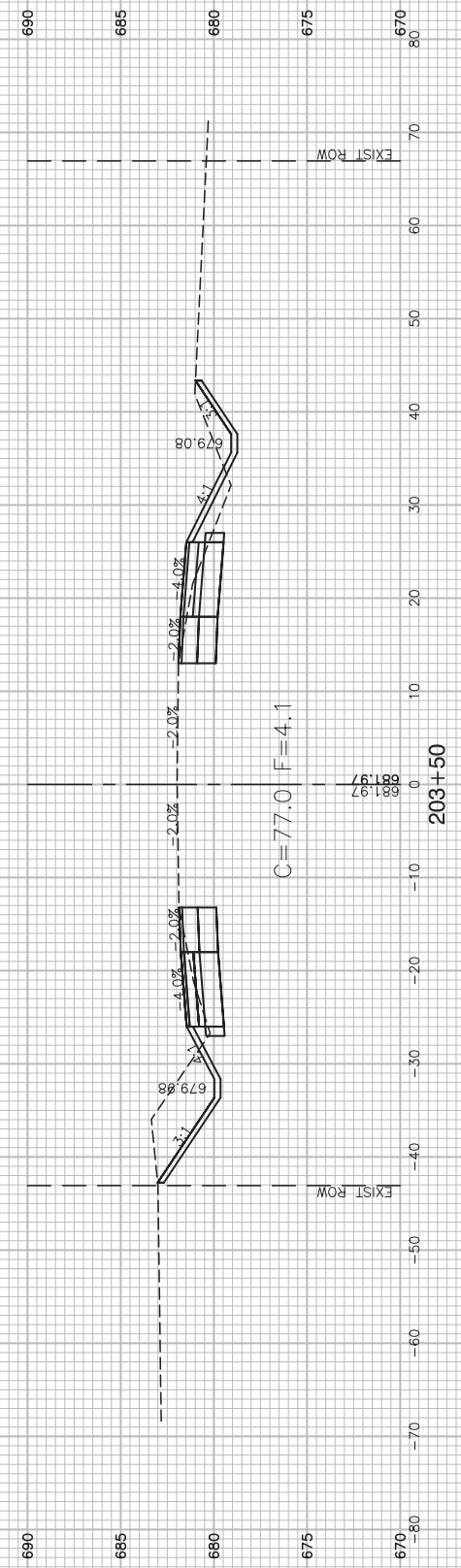
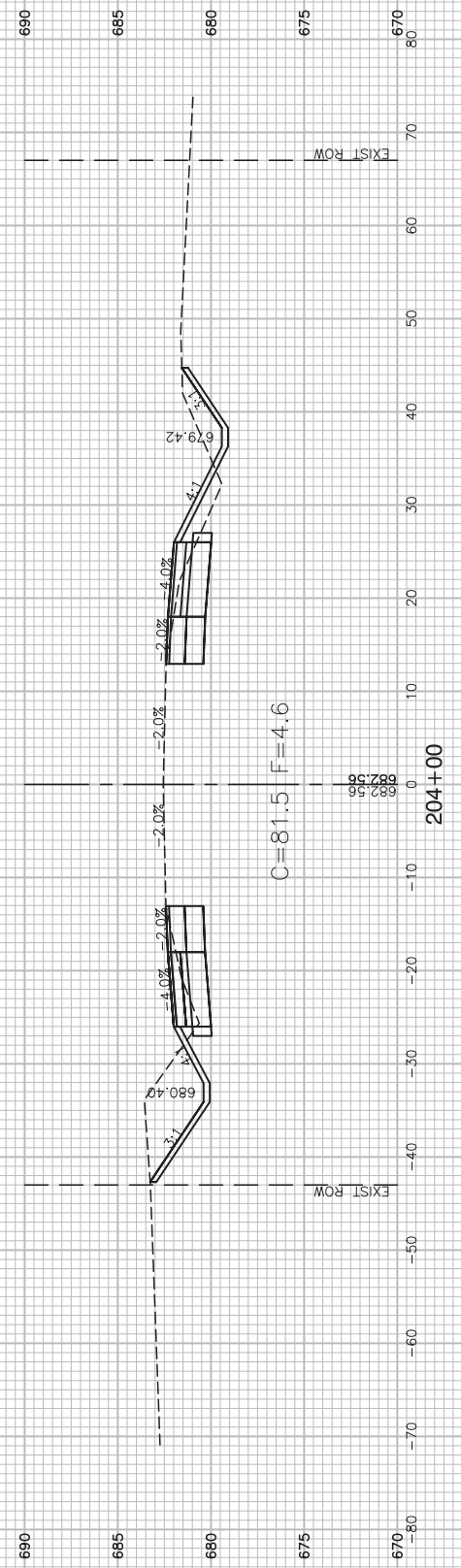
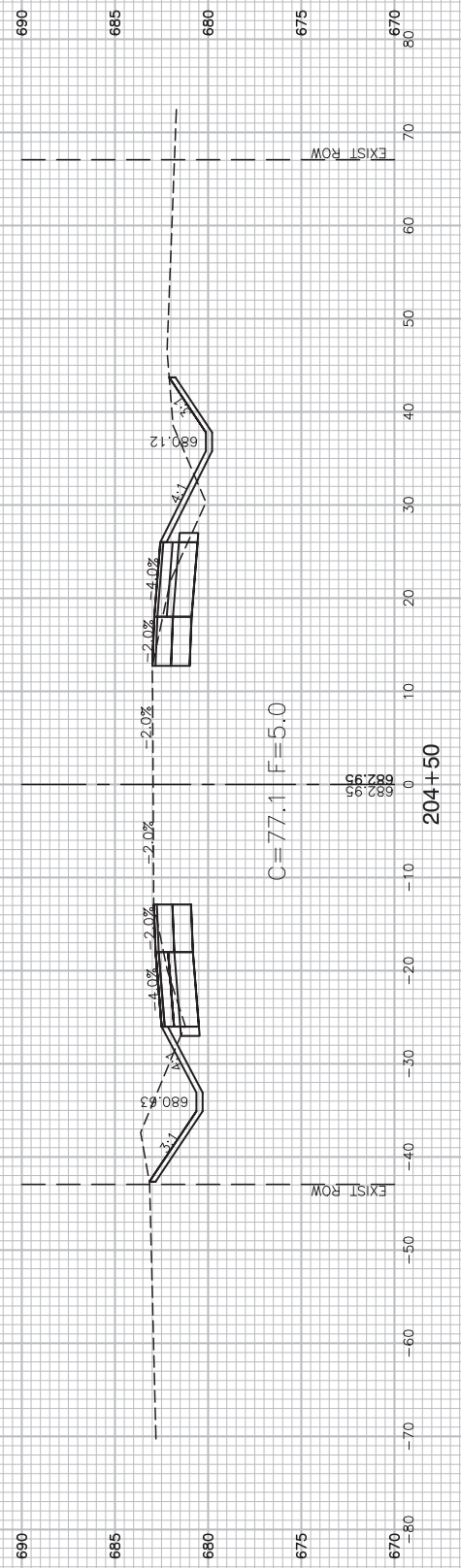
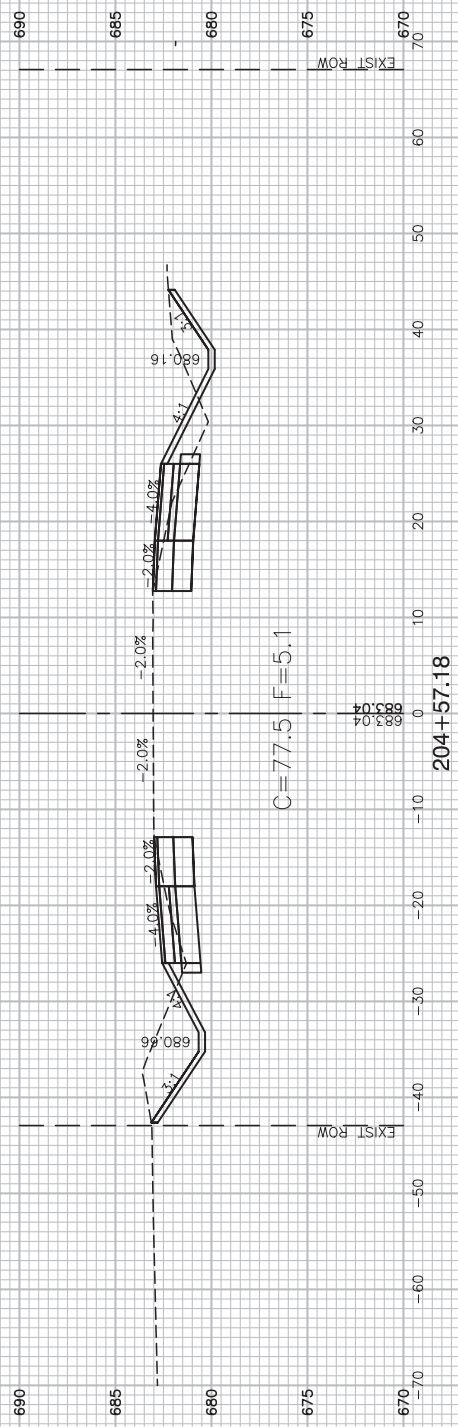
US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS

US ROUTE 52 CROSS SECTIONS

SCALE: SHEET NO. 40 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 40 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |





FILE NAME = 12620_02-XSECT-01 - XSECT(0)

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| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
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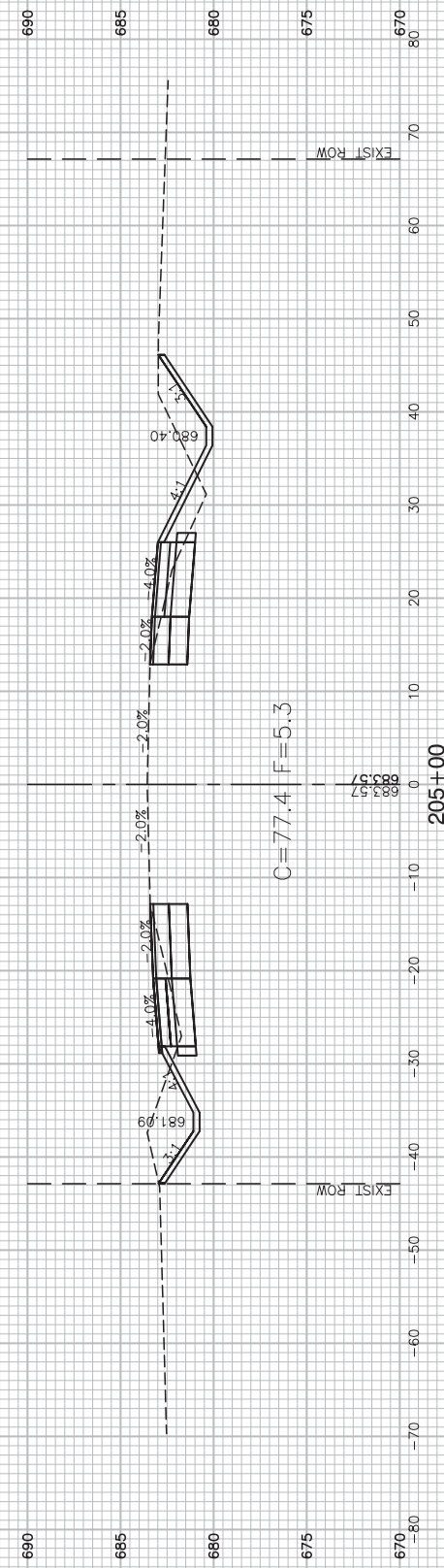
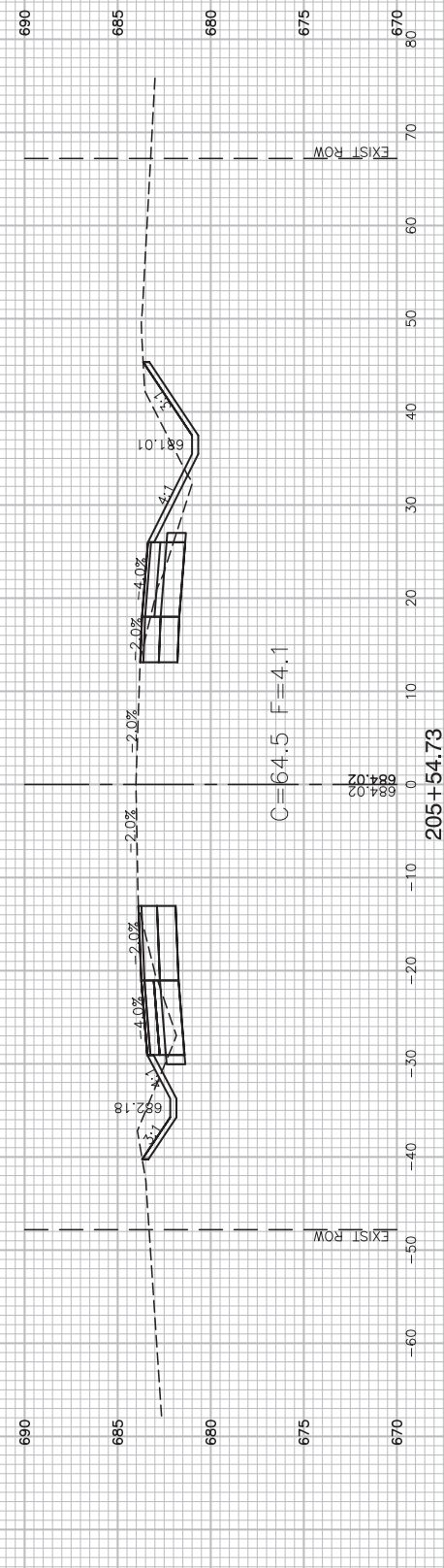
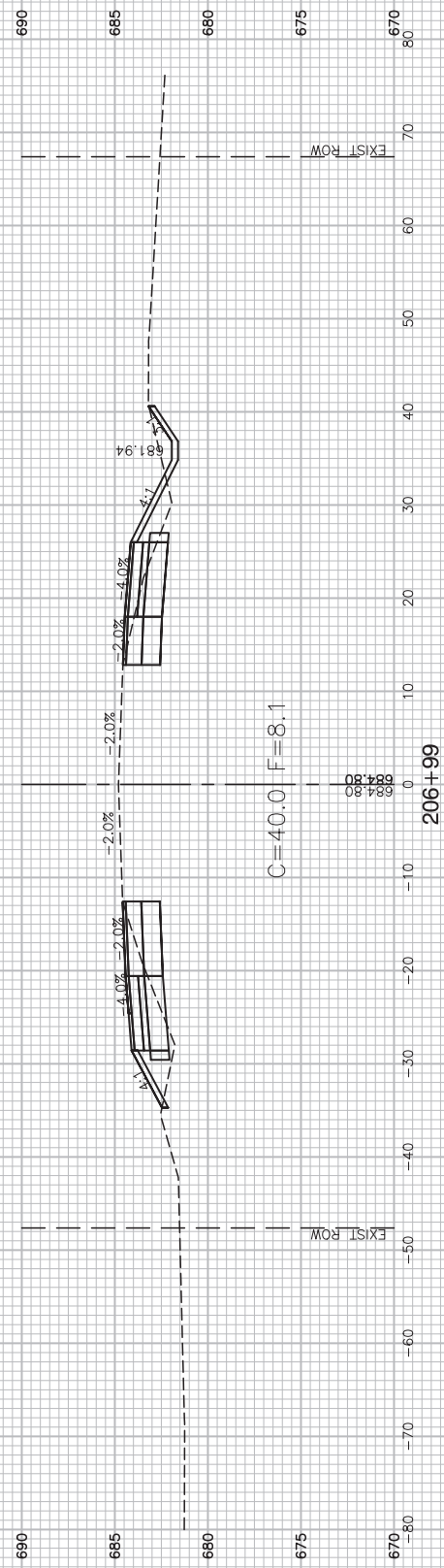
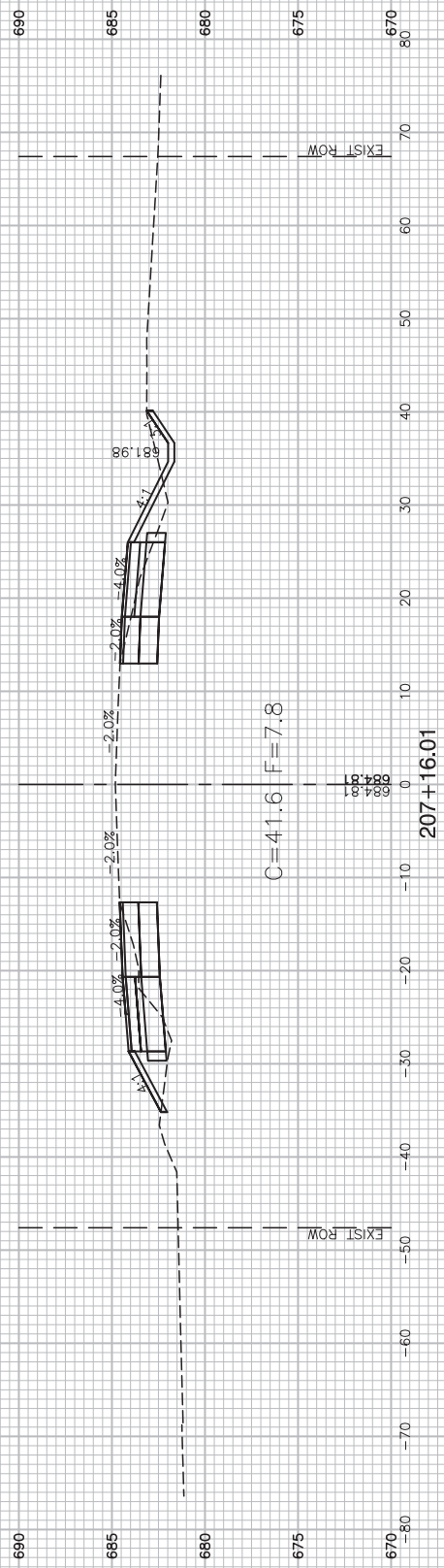
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS

US ROUTE 52 CROSS SECTIONS

SCALE: SHEET NO. 41 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 41 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(7)

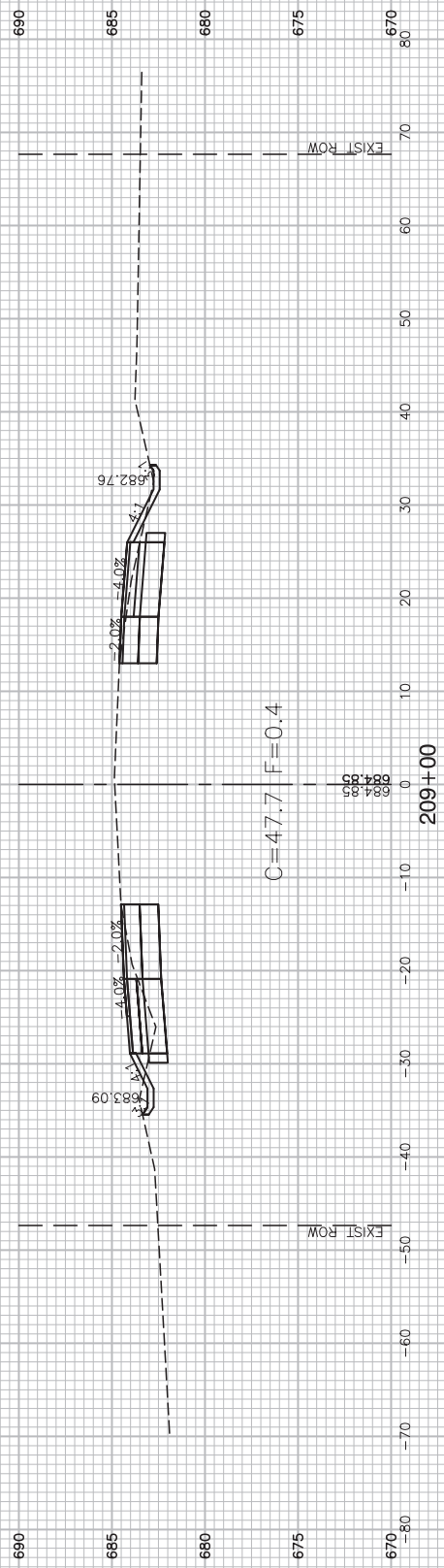
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|----------------------|----------------|-----------|
| USER NAME = | DESIGNED — WPD | REVISED — |
| | CHECKED — PK | REVISED — |
| PLOT SCALE = | DRAWN — MED | REVISED — |
| PLOT DATE = 01-11-19 | CHECKED — APG | REVISED — |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
US ROUTE 52 CROSS SECTIONS**

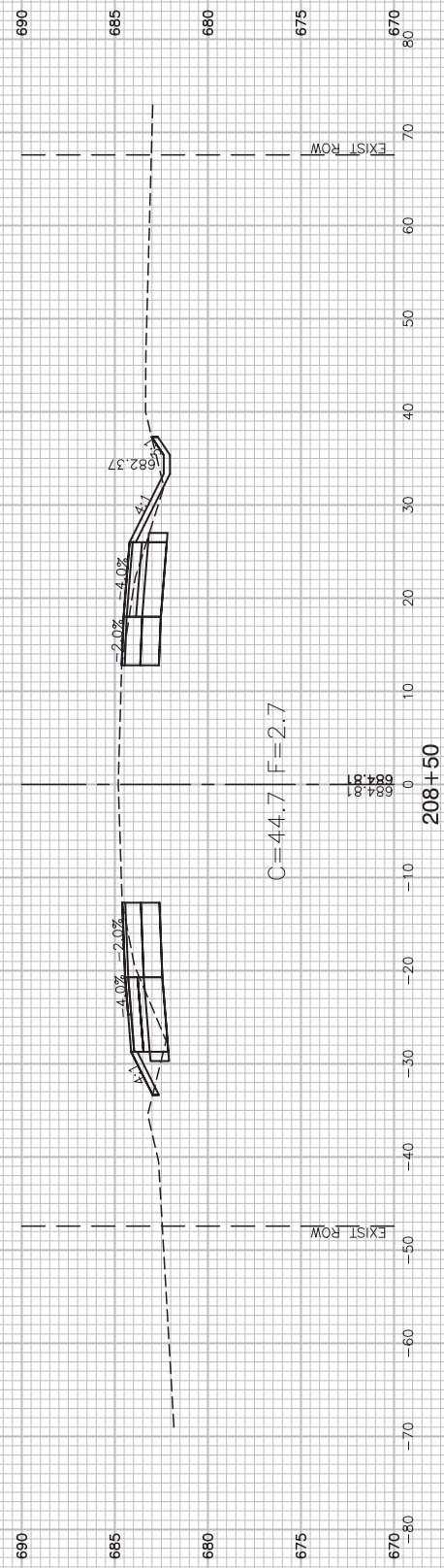
SCALE: SHEET NO. 42 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 42 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



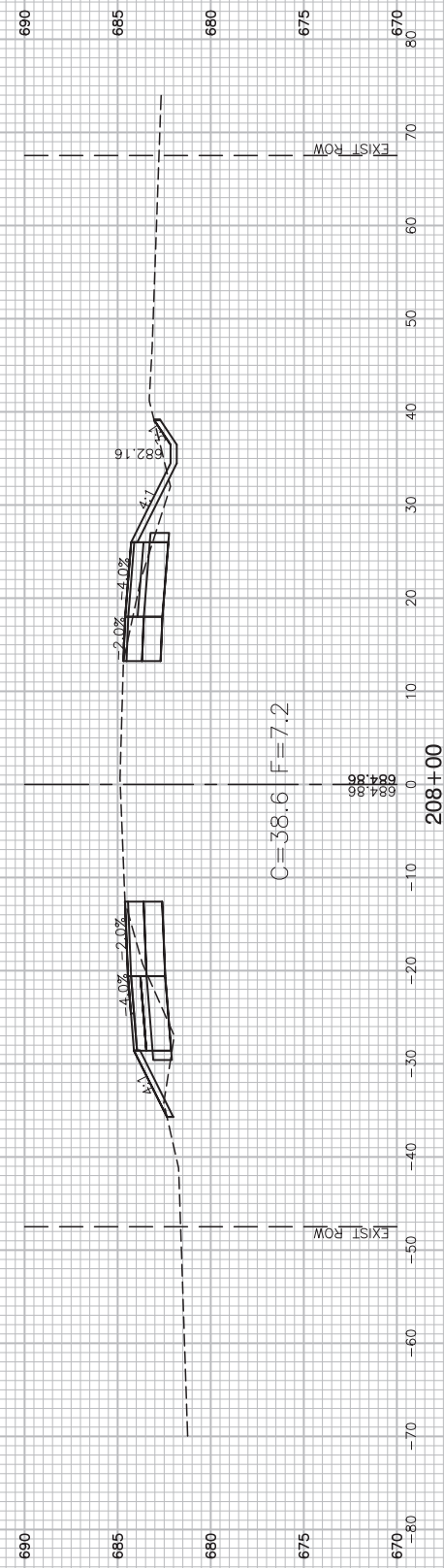
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209+00



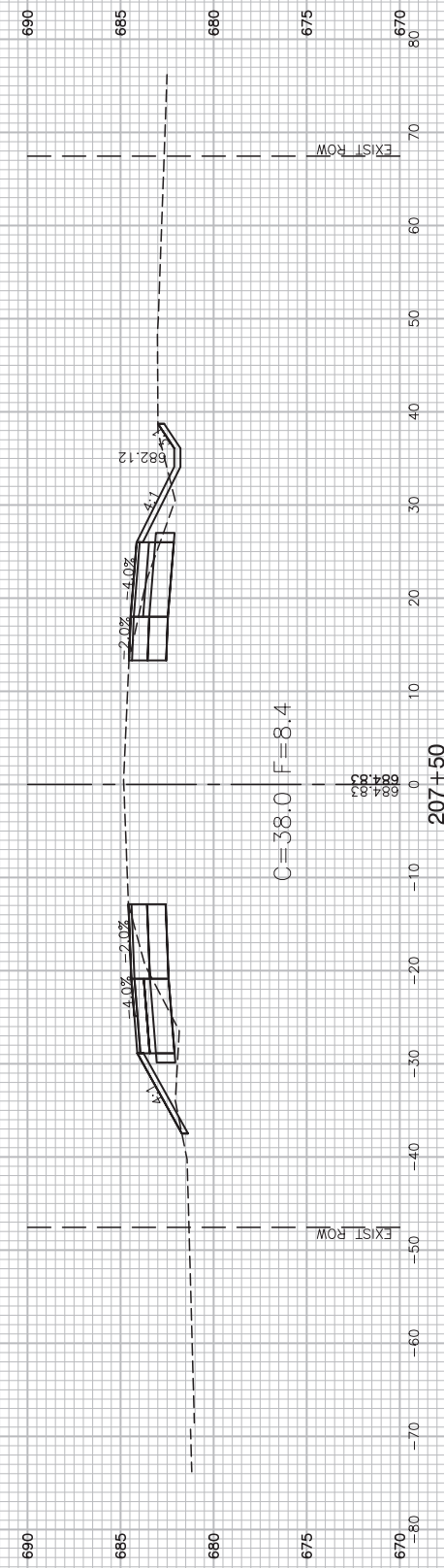
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208+50



C=38.6 F=7.2

208+00



C=38.0 F=8.4

207+50

FILE NAME = 12620_02-XSECT-01 - XSECT(0)

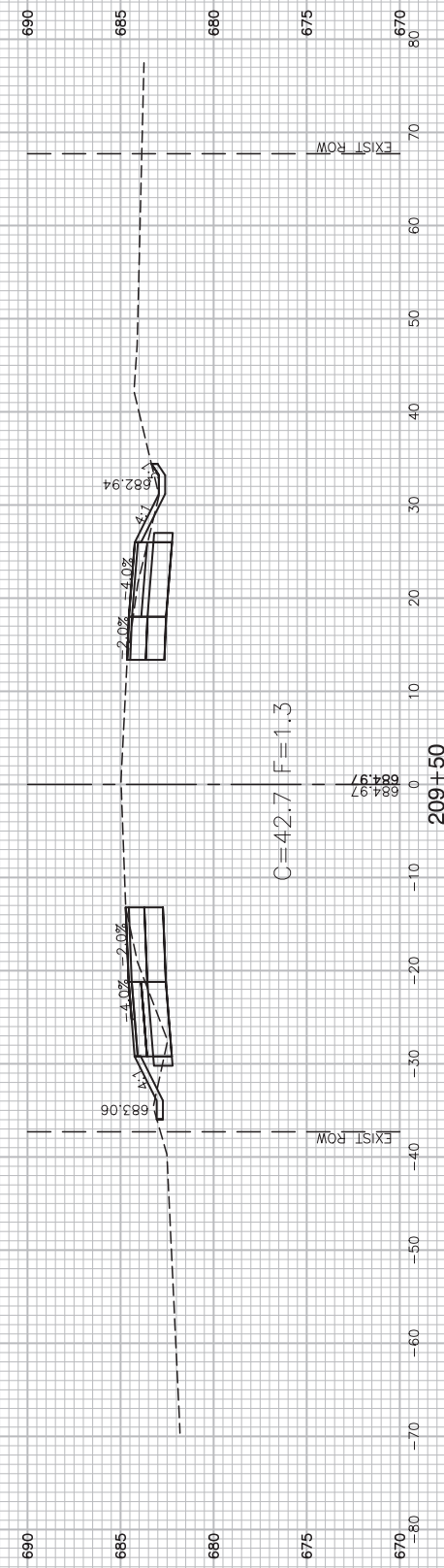
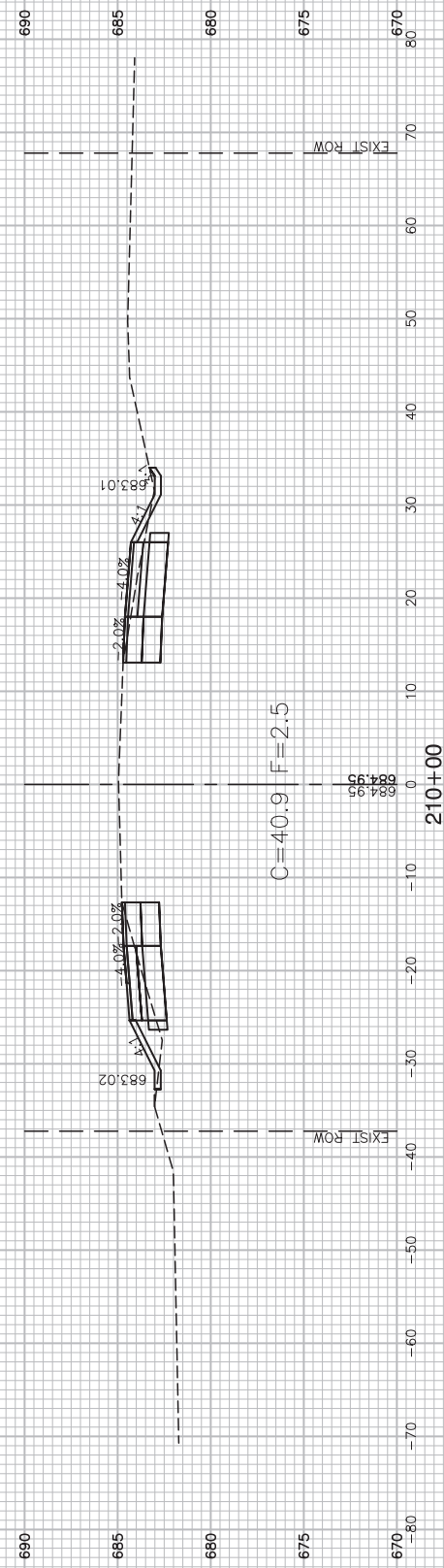
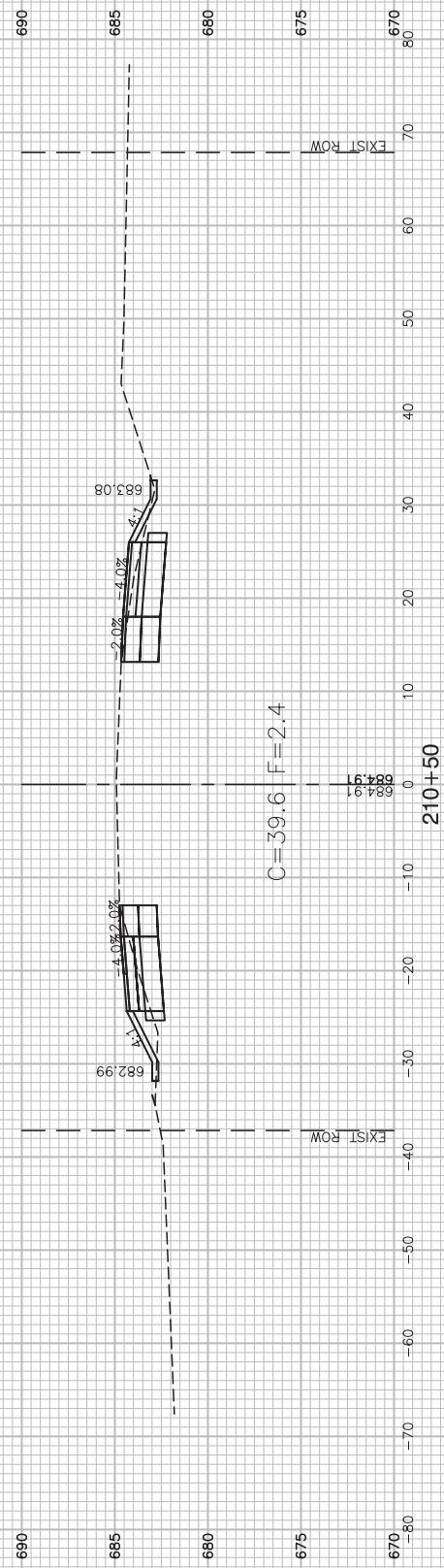
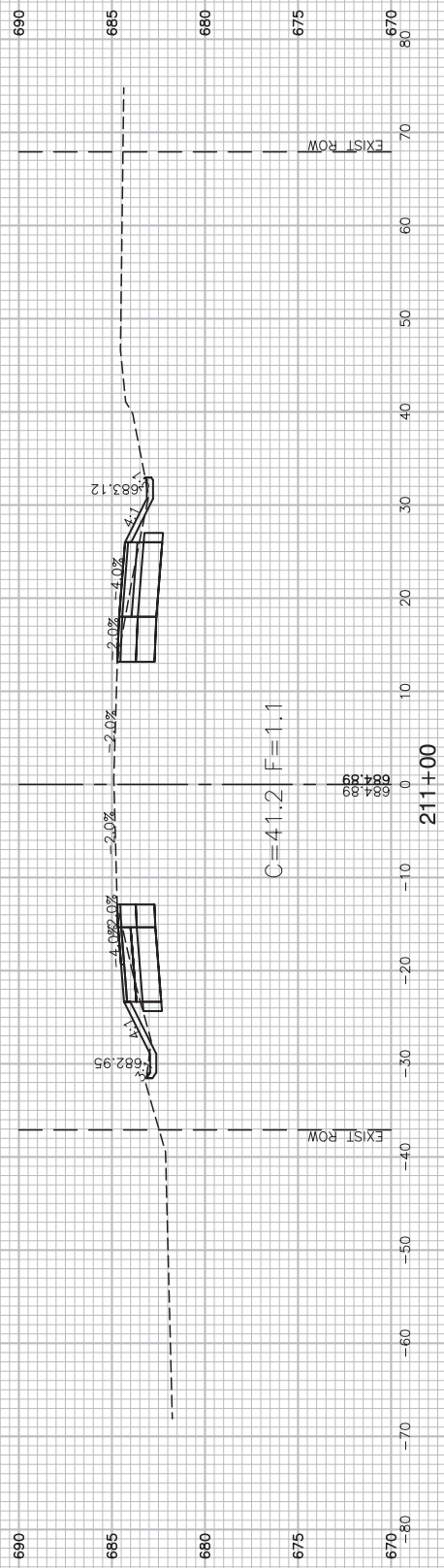
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
US ROUTE 52 CROSS SECTIONS

SCALE: SHEET NO. 43 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 43 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(9)

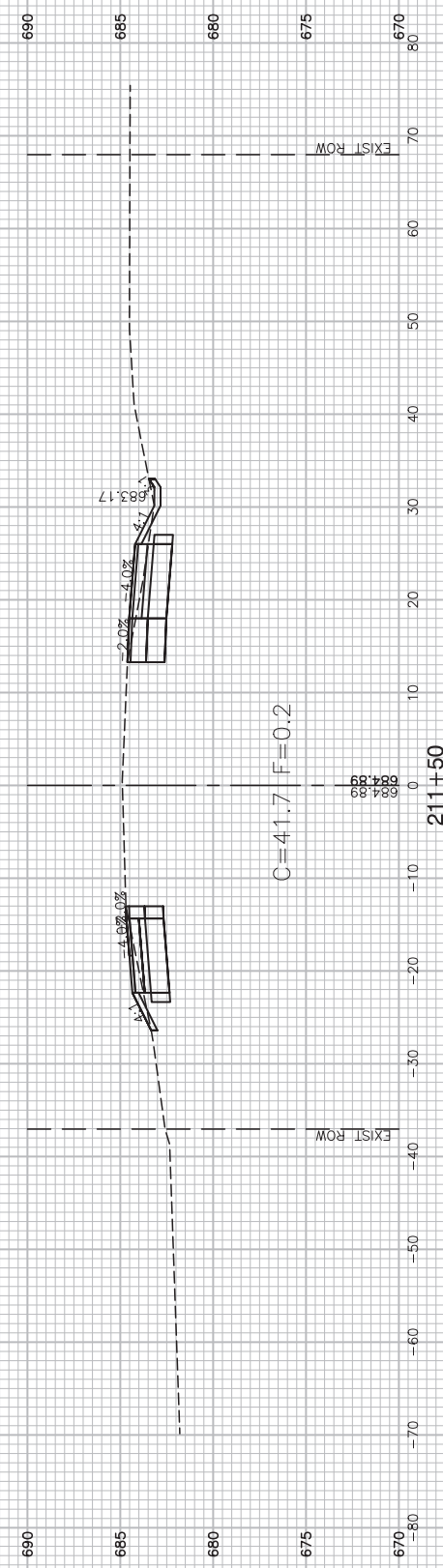
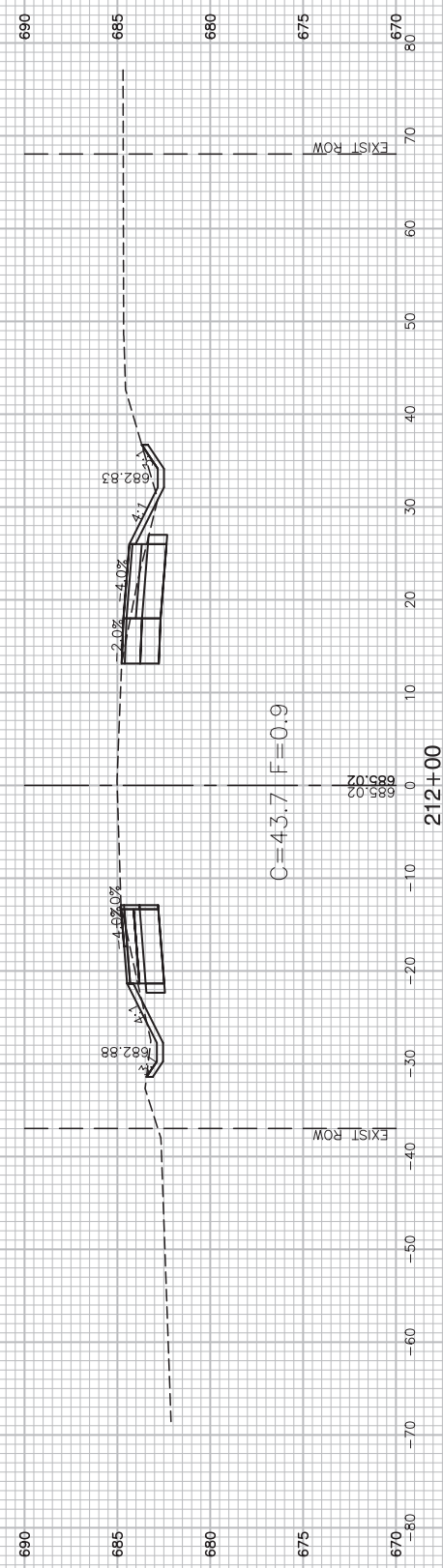
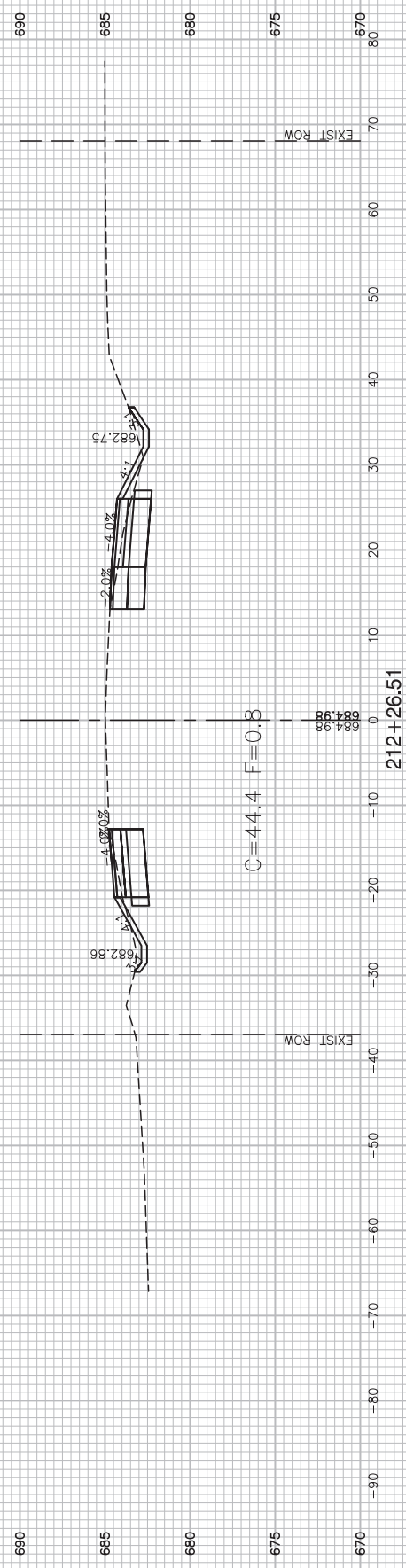
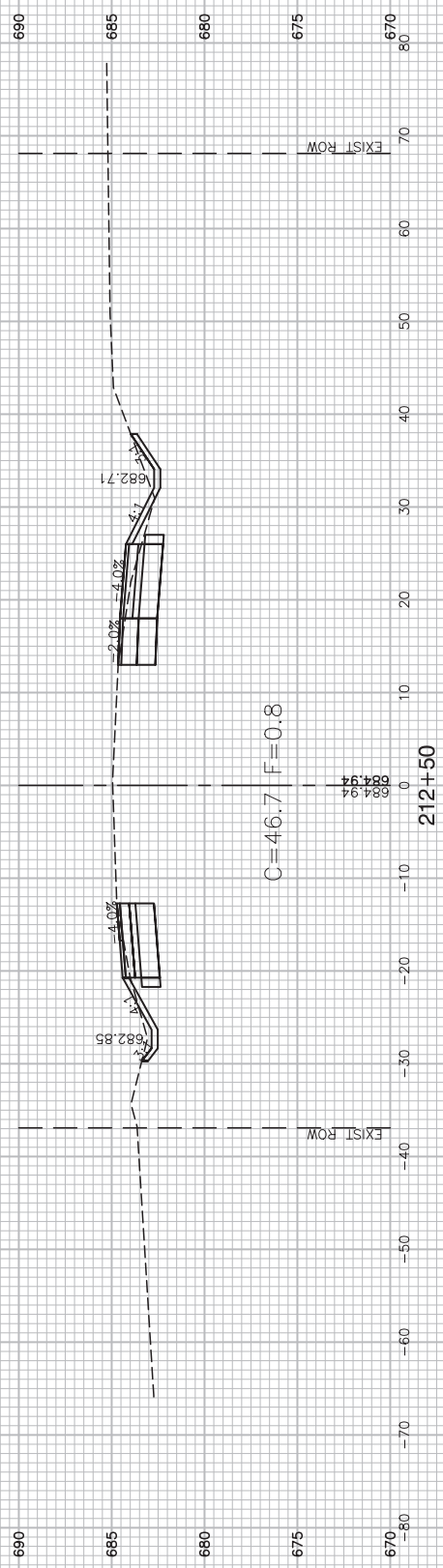
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
US ROUTE 52 CROSS SECTIONS

SCALE: SHEET NO. 44 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 44 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(10)

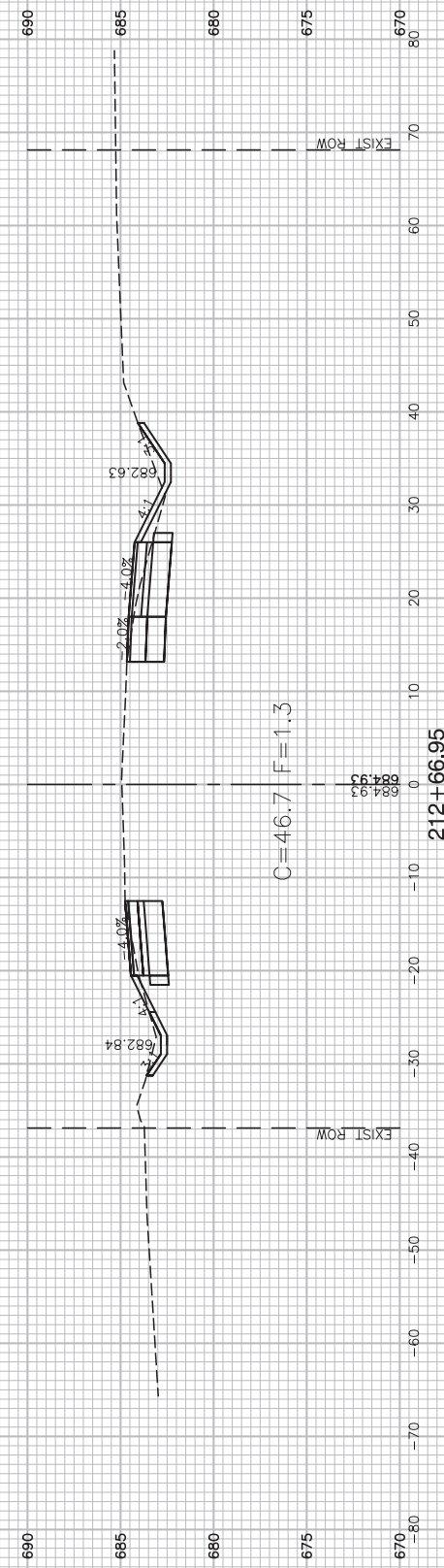
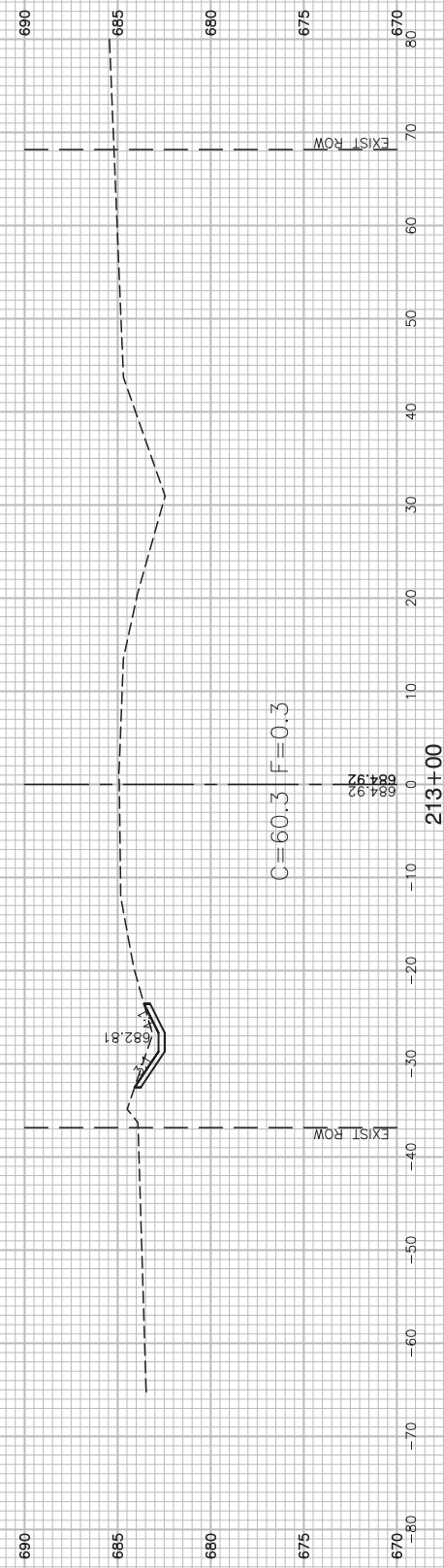
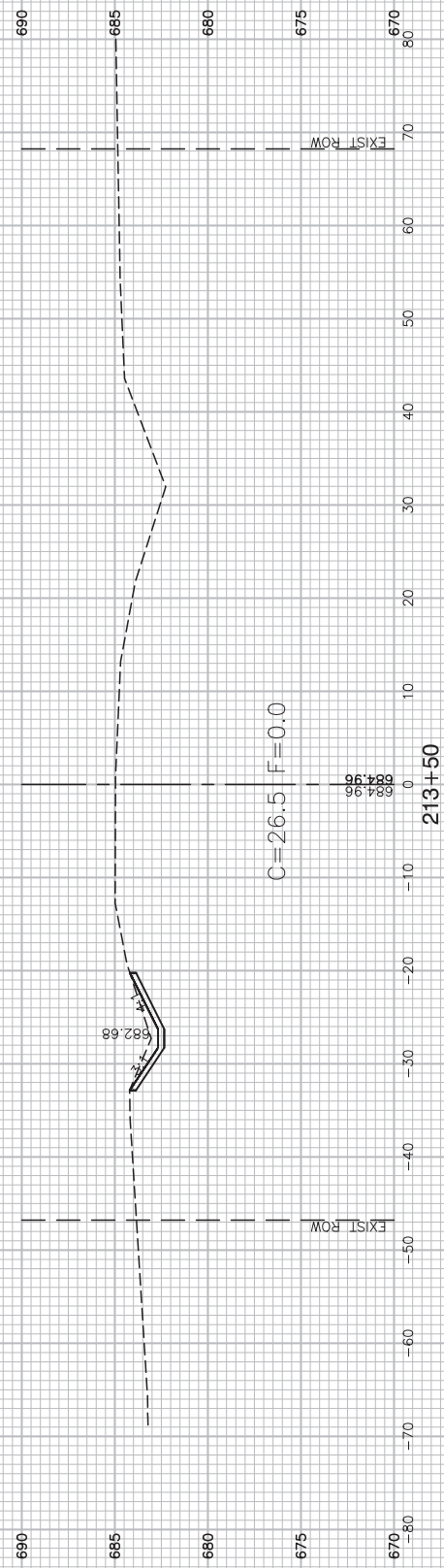
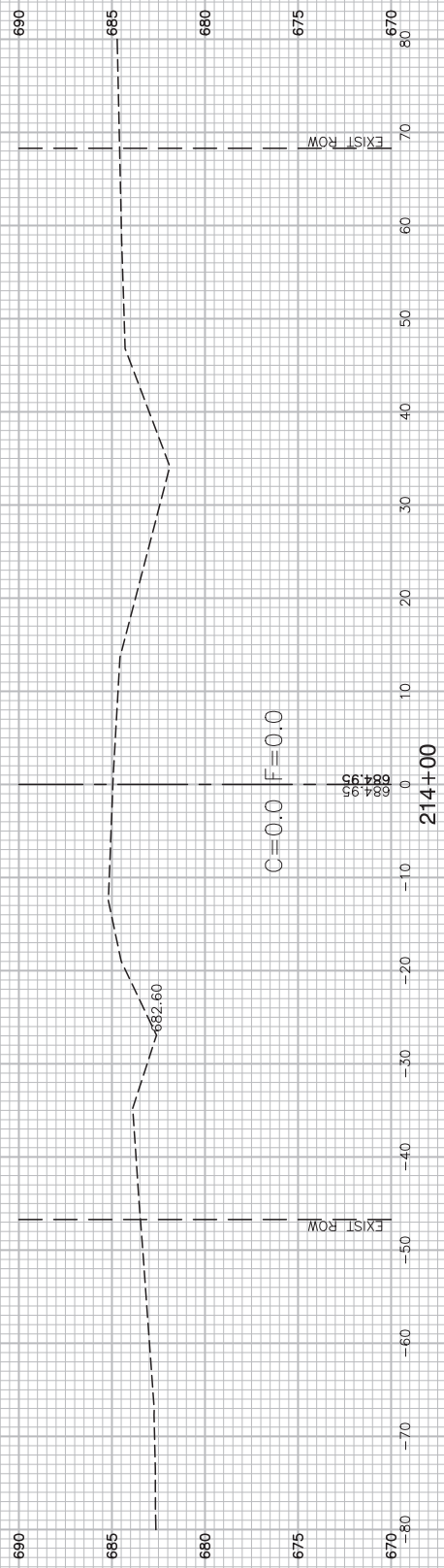
| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
US ROUTE 52 CROSS SECTIONS

SCALE: SHEET NO. 45 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 45 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02.XSECT-01 - XSECT(11)

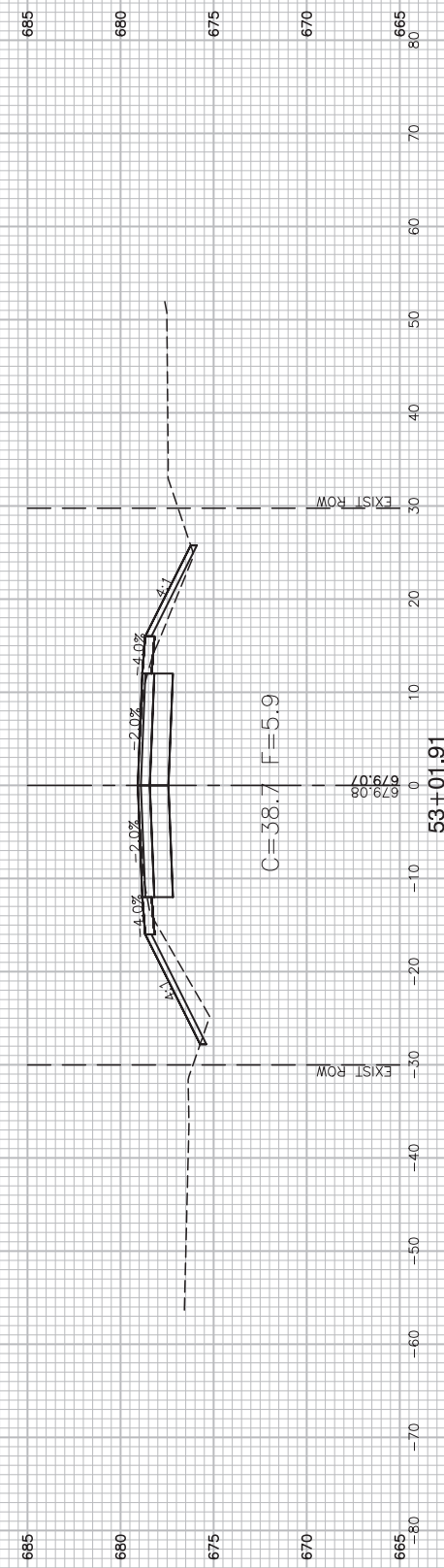
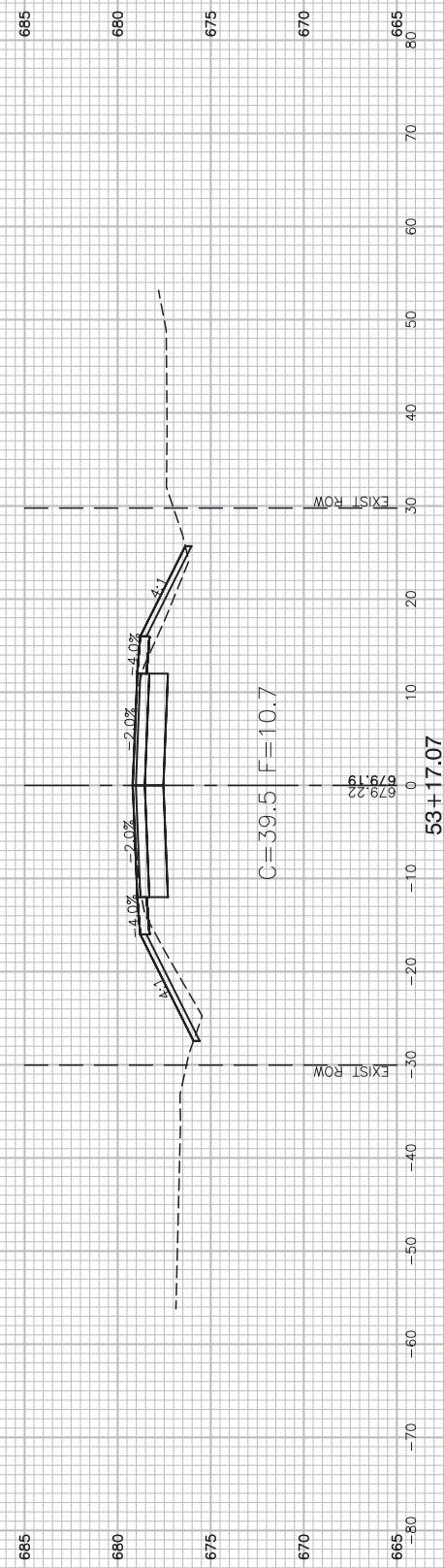
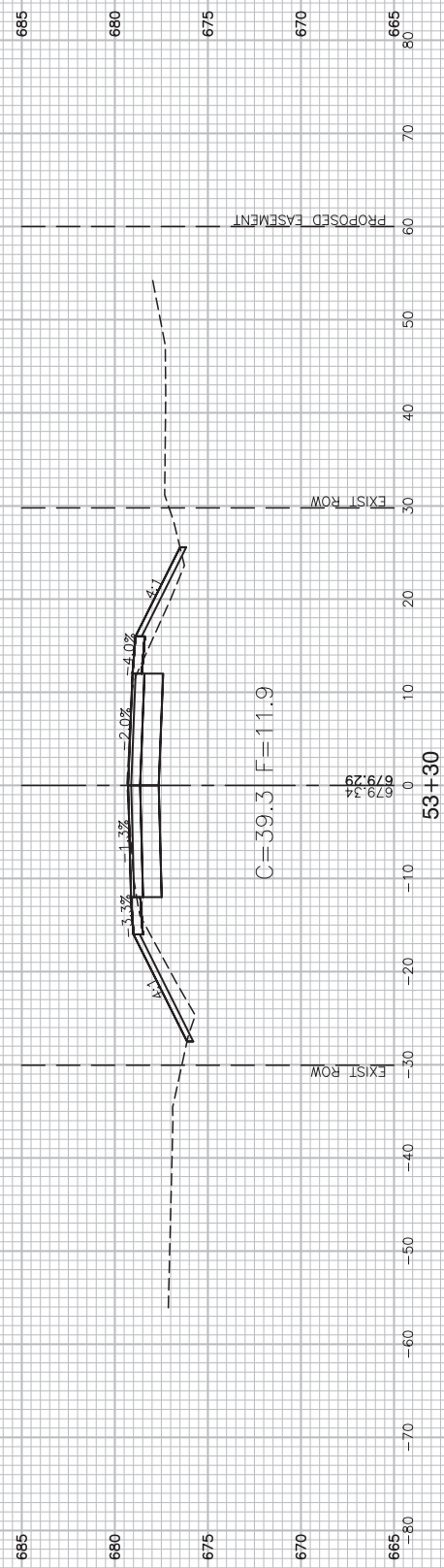
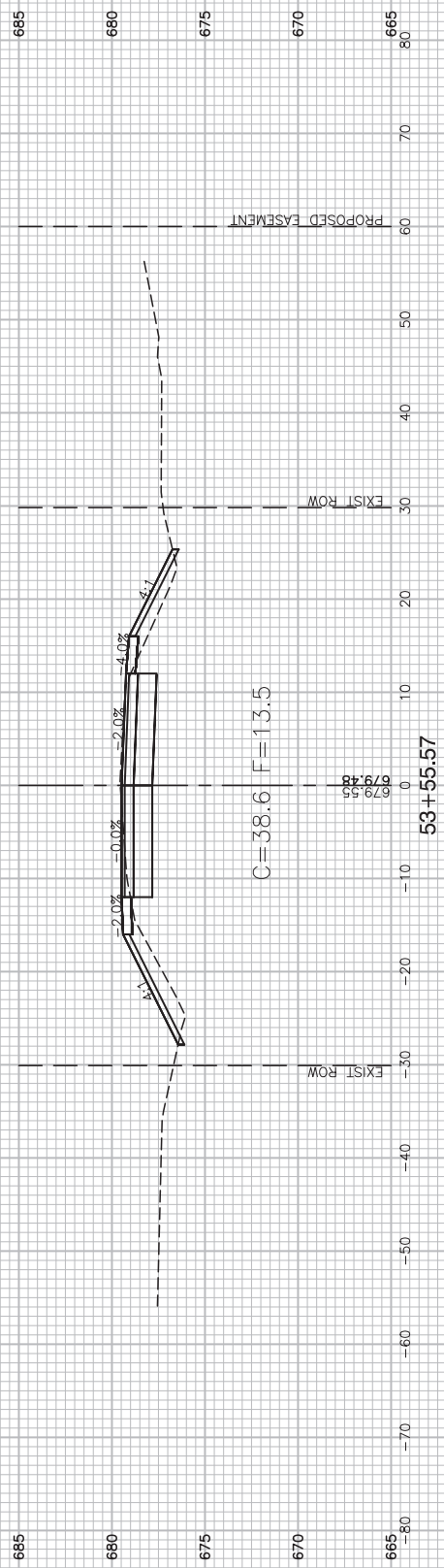
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
US ROUTE 52 CROSS SECTIONS

SCALE: SHEET NO. 46 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 46 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(23)

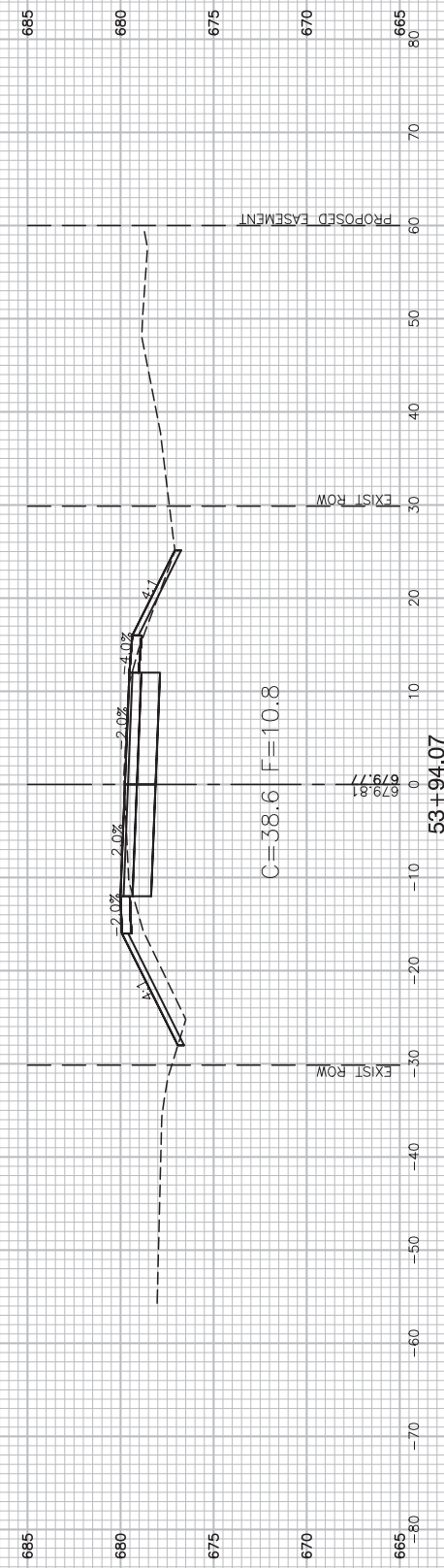
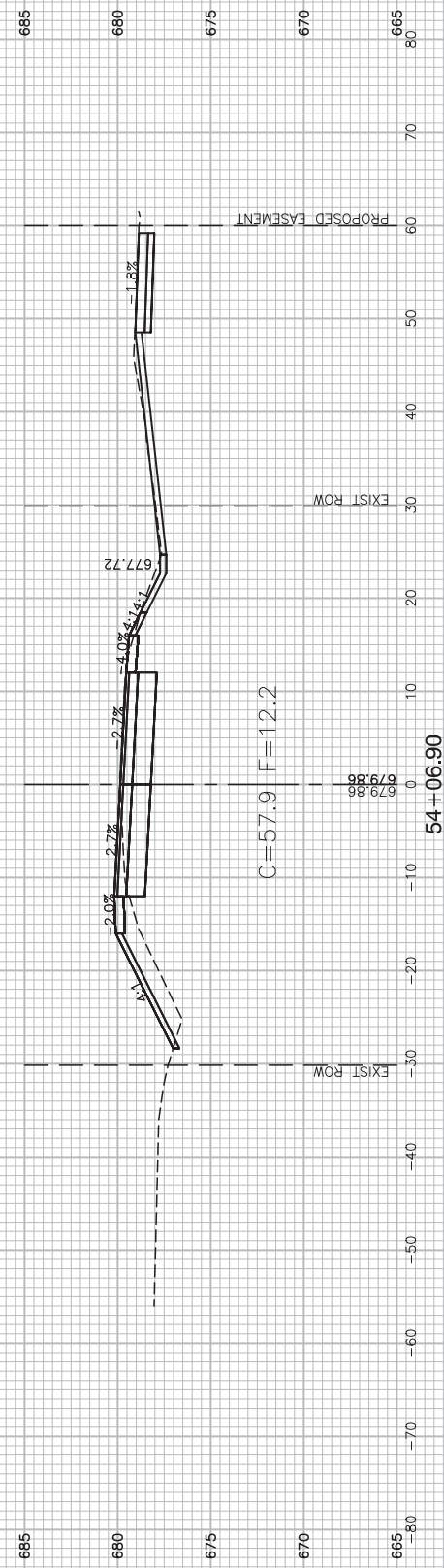
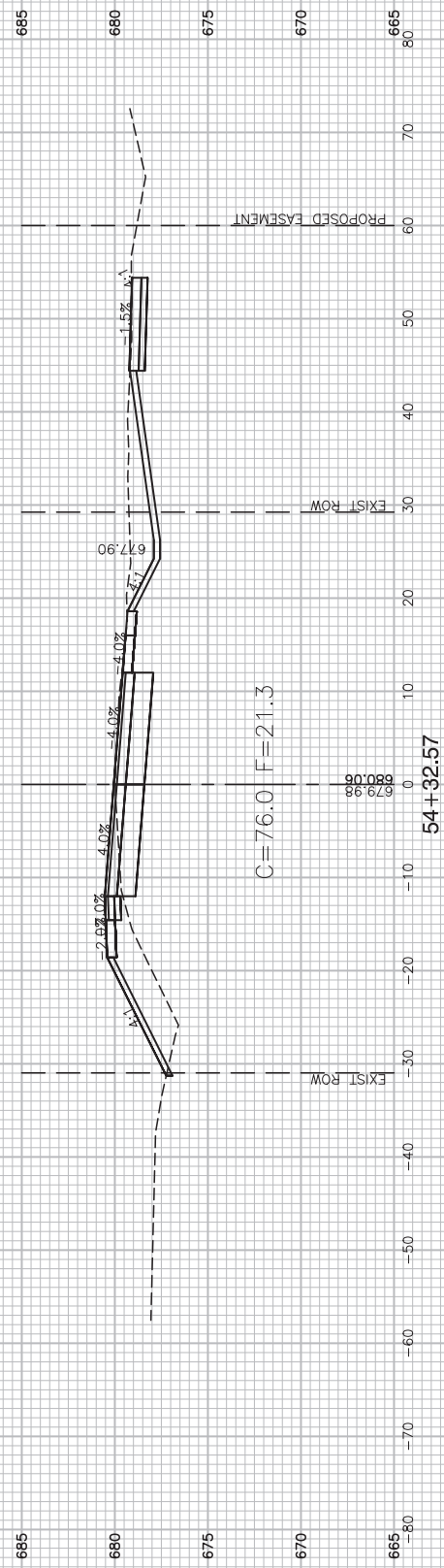
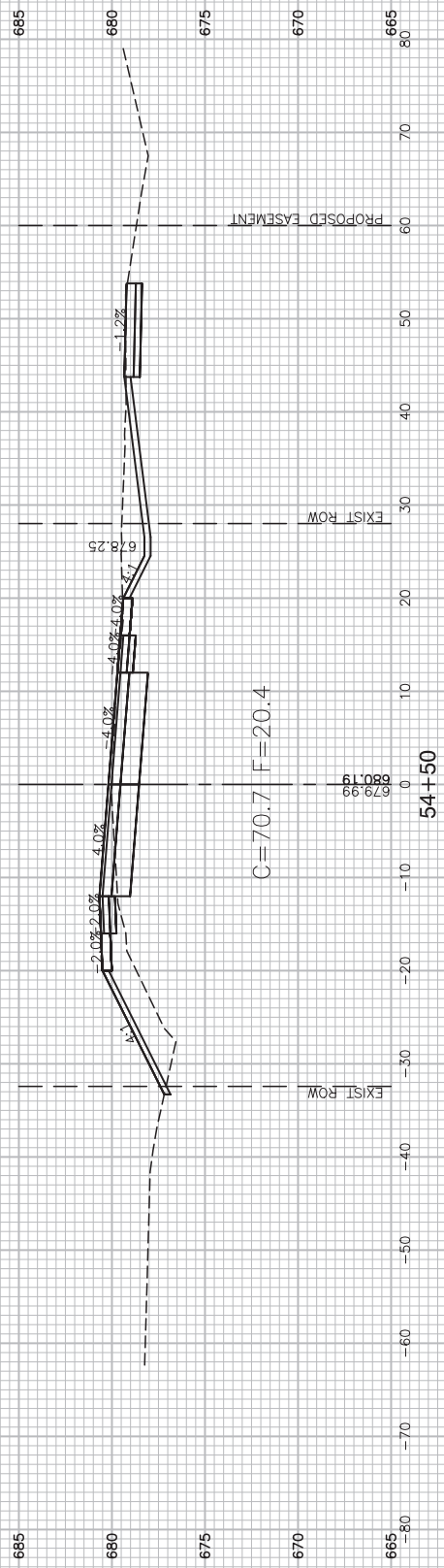
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS**

SCALE: SHEET NO. 47 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 47 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(24)

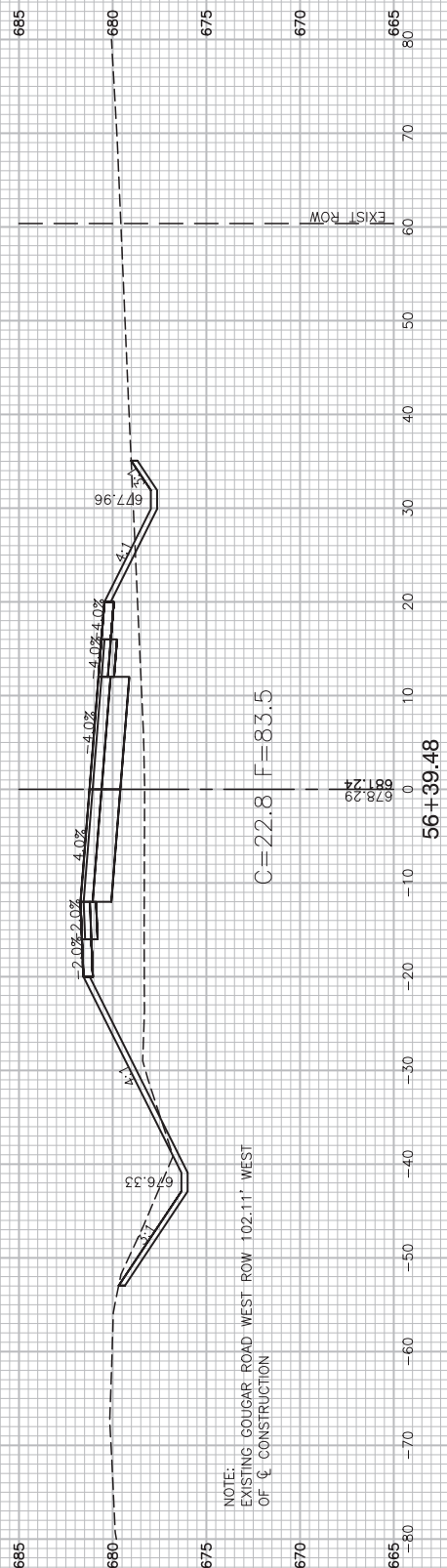
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

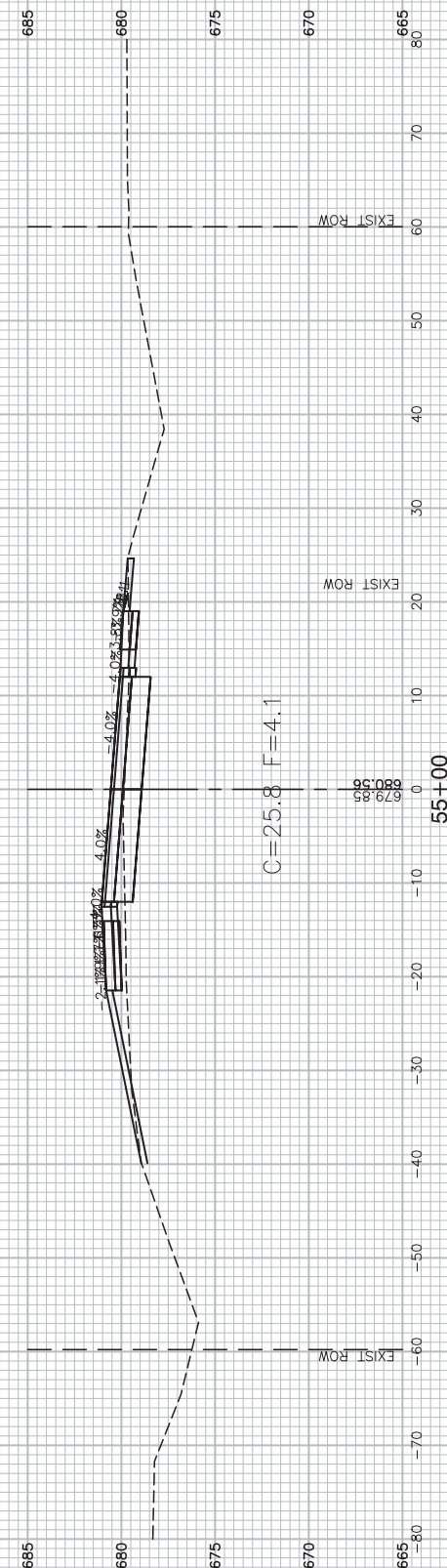
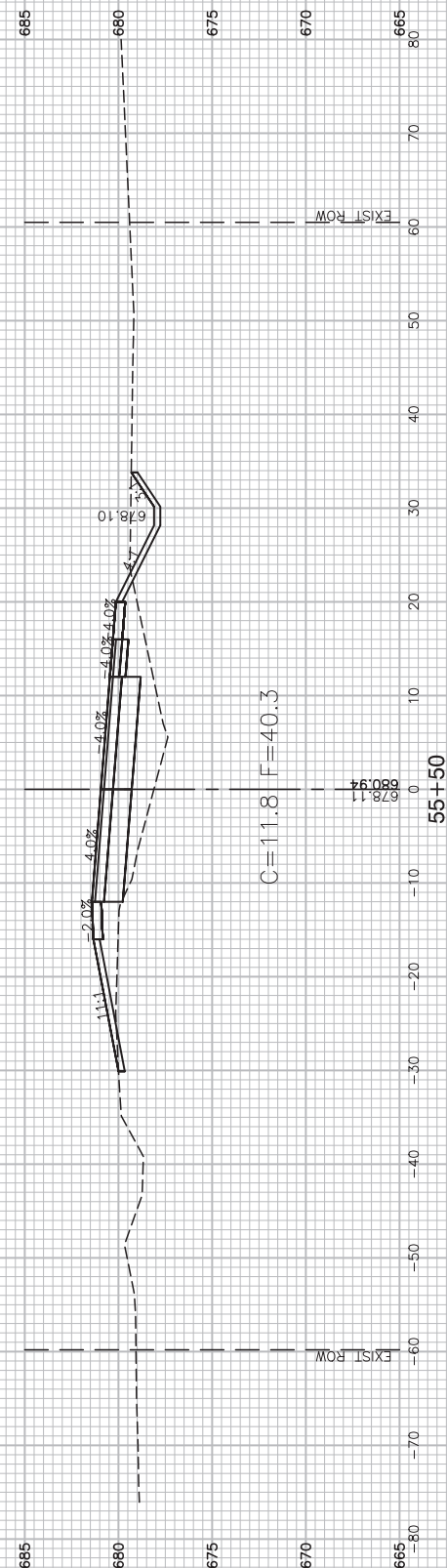
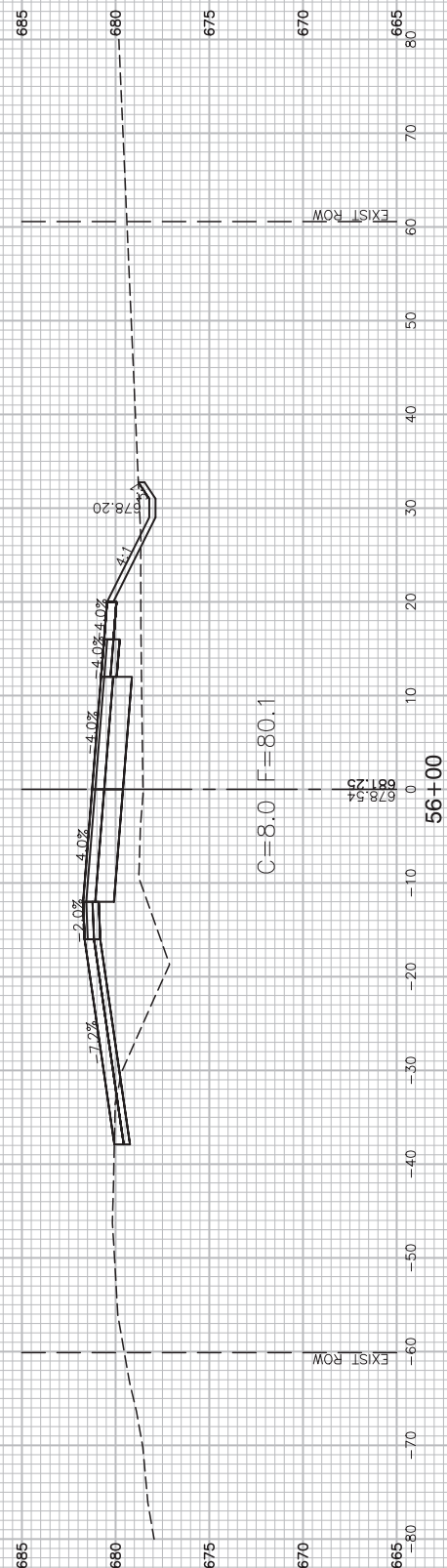
**US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS**

SCALE: SHEET NO. 48 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 48 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



NOTE:
EXISTING GOUGAR ROAD WEST ROW 102.11' WEST
OF C CONSTRUCTION



FILE NAME = 12620_02-XSECT-01 - XSECT(25)

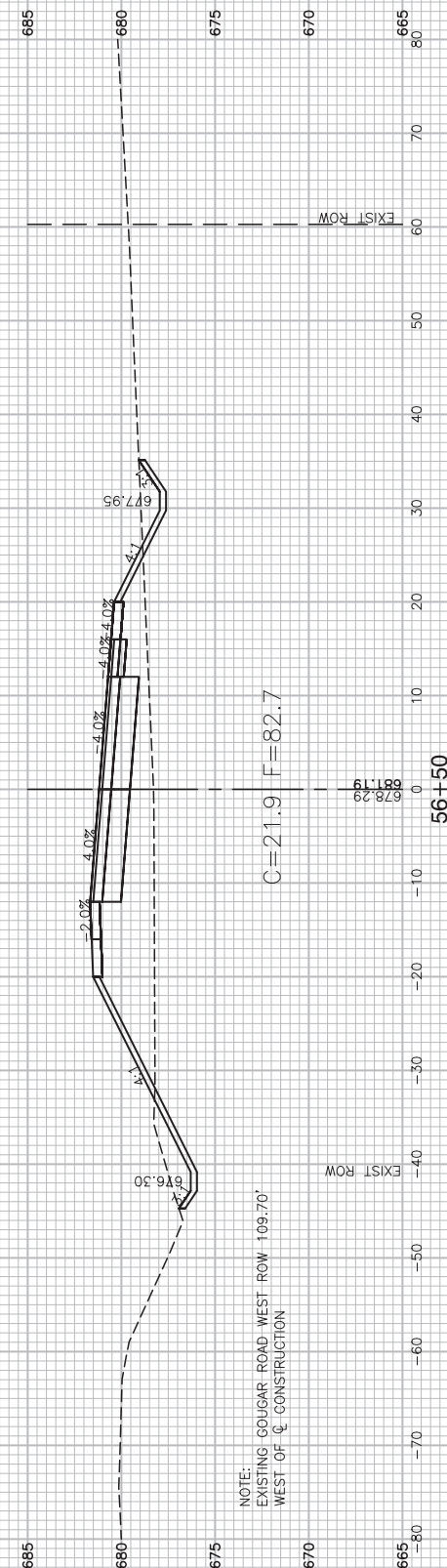
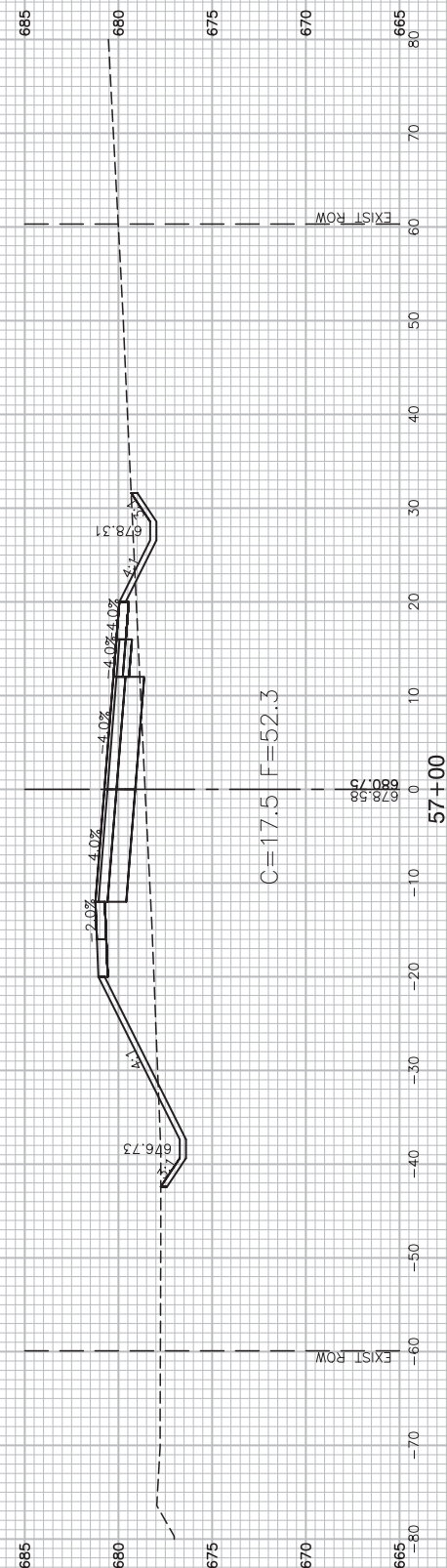
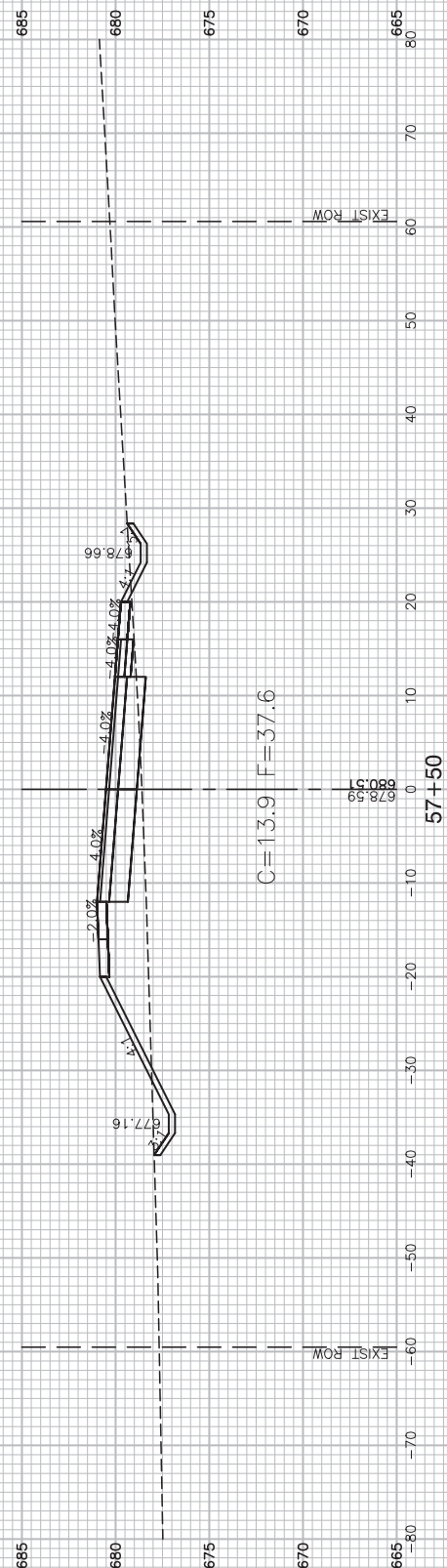
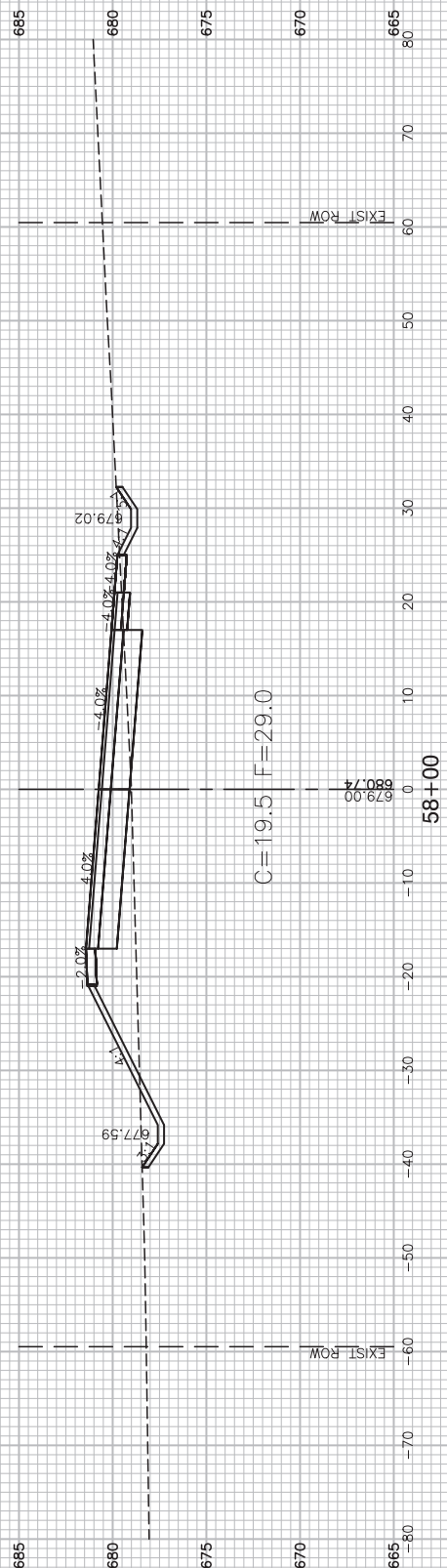
| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS

SCALE: SHEET NO. 49 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 49 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



NOTE:
EXISTING GOUGAR ROAD WEST ROW 109.70'
WEST OF Q CONSTRUCTION

FILE NAME = 12620_02-XSECT-01 - XSECT(26)

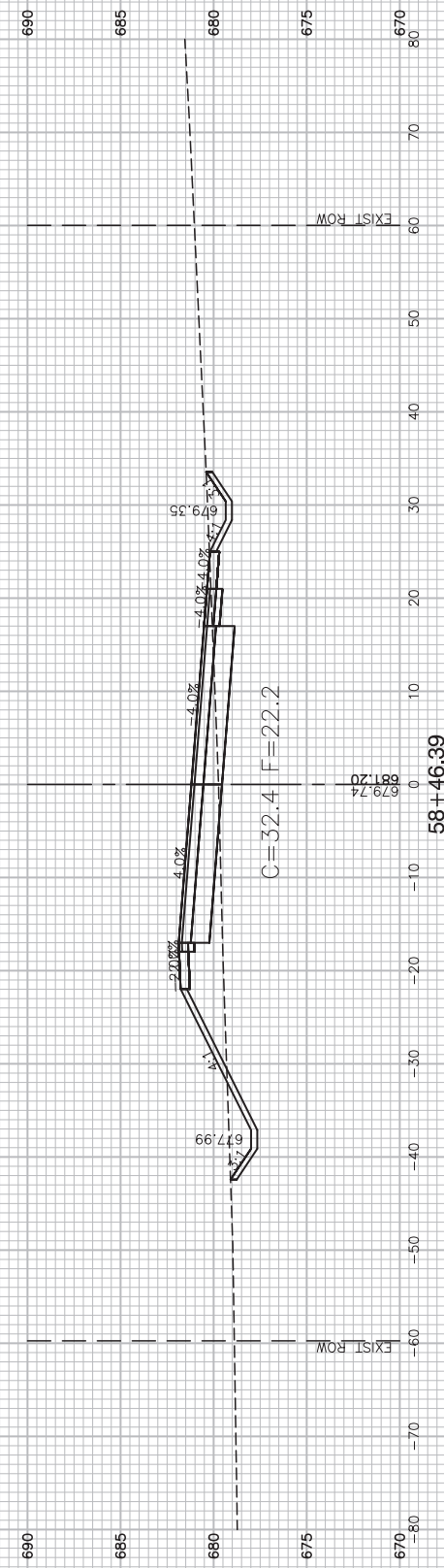
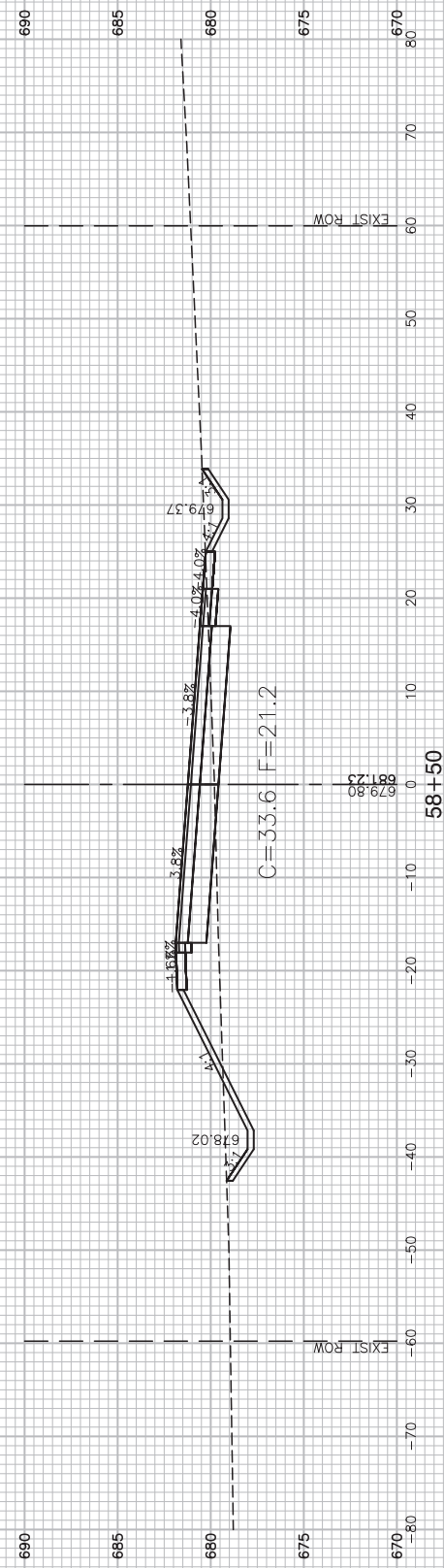
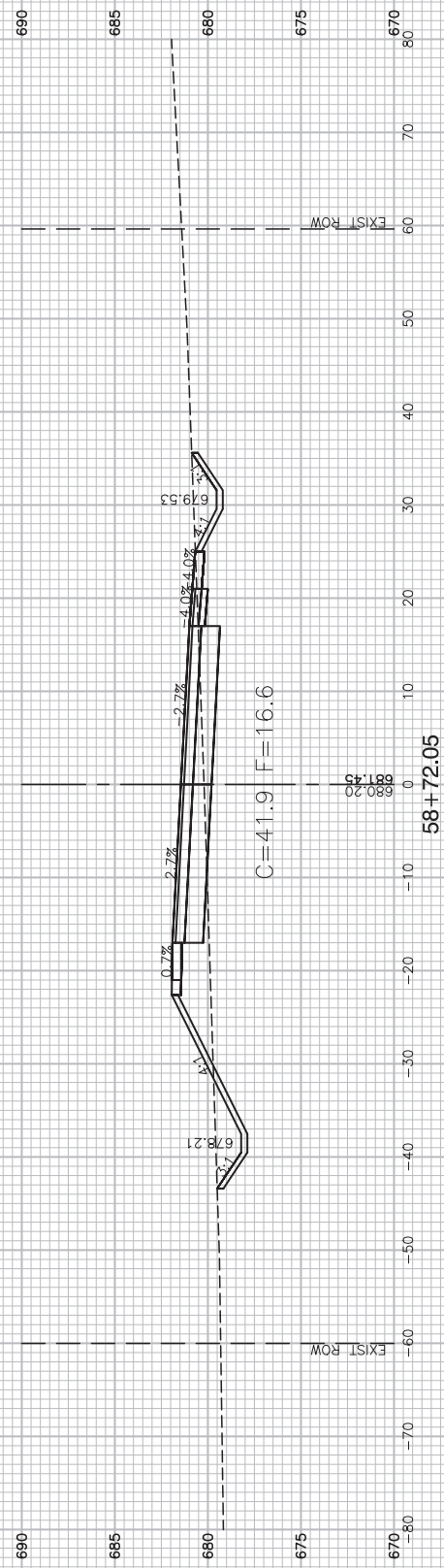
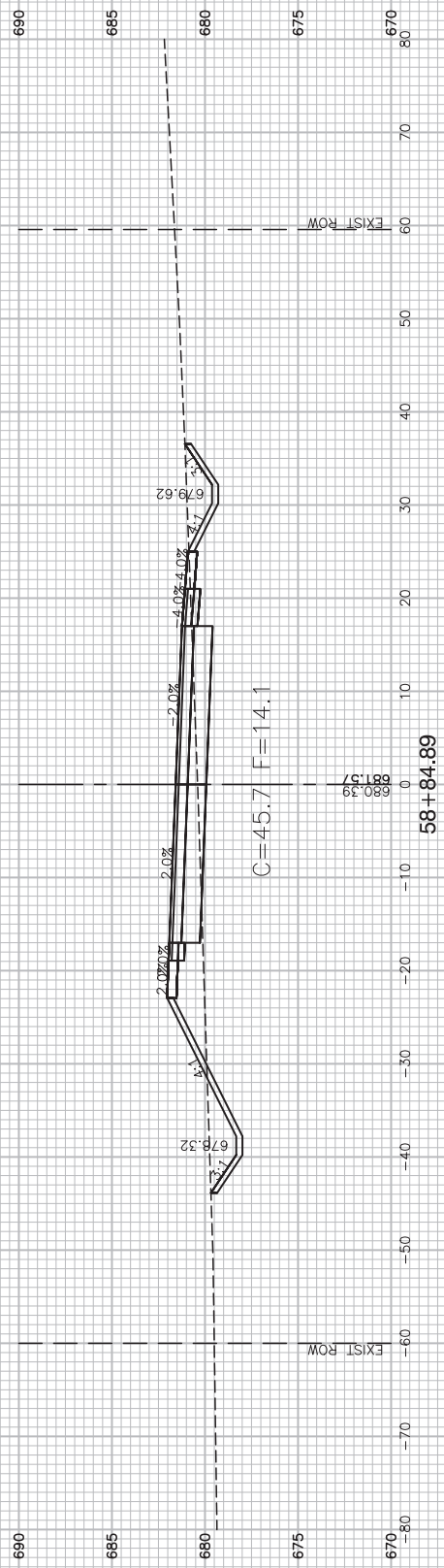
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS

SCALE: SHEET NO. 50 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|------------------------|-------------|-----------------|--------------|
| F.A.P. RTE. 0852 | SECTION 13-00011-00-CH | COUNTY WILL | TOTAL SHEETS 54 | SHEET NO. 50 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(27)

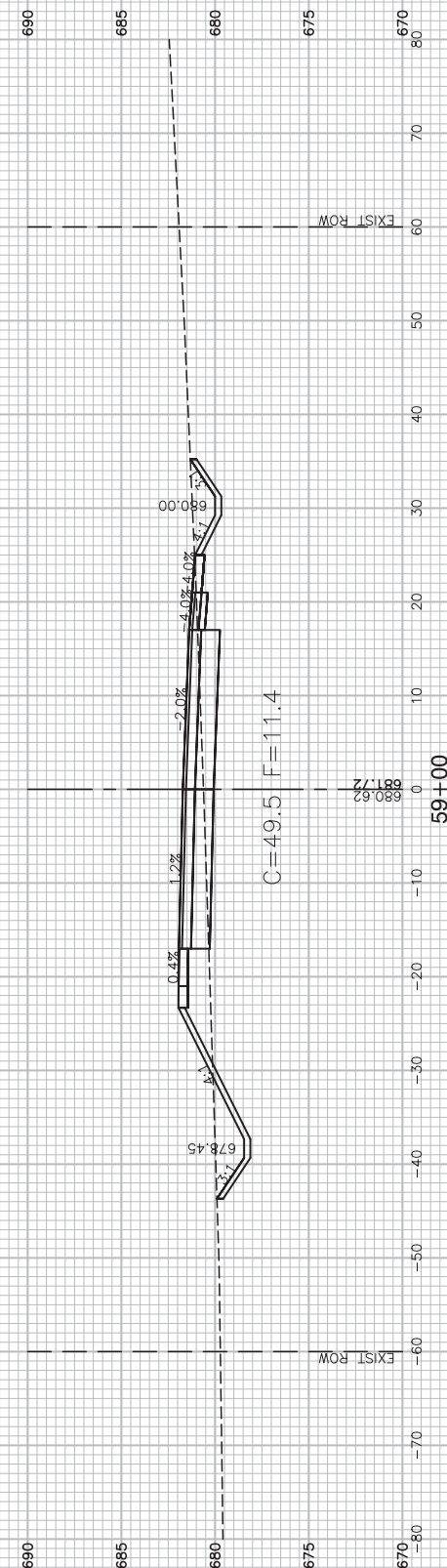
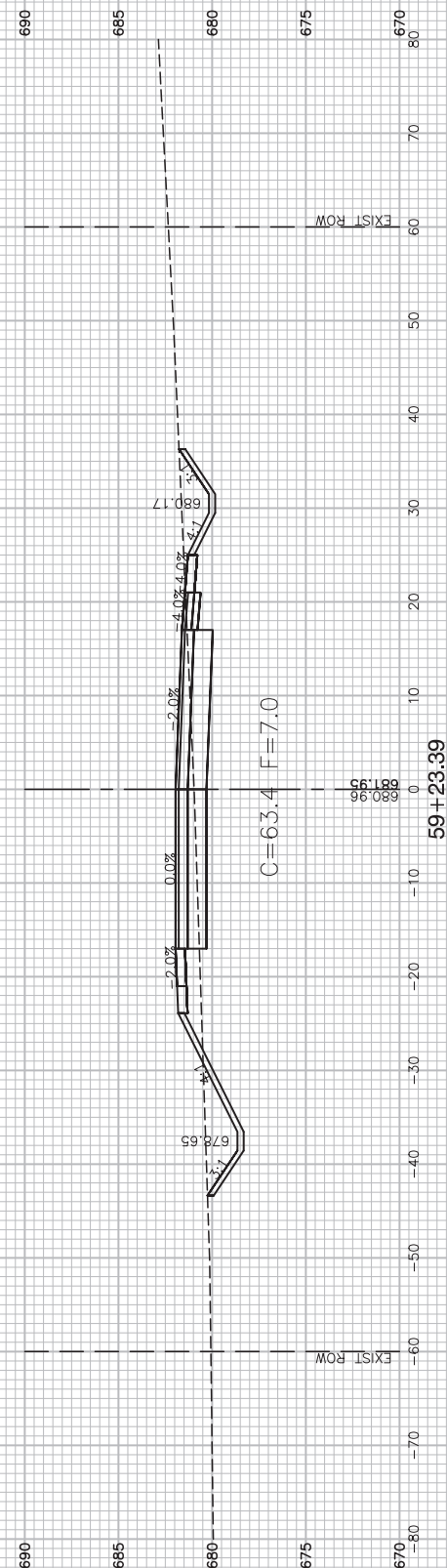
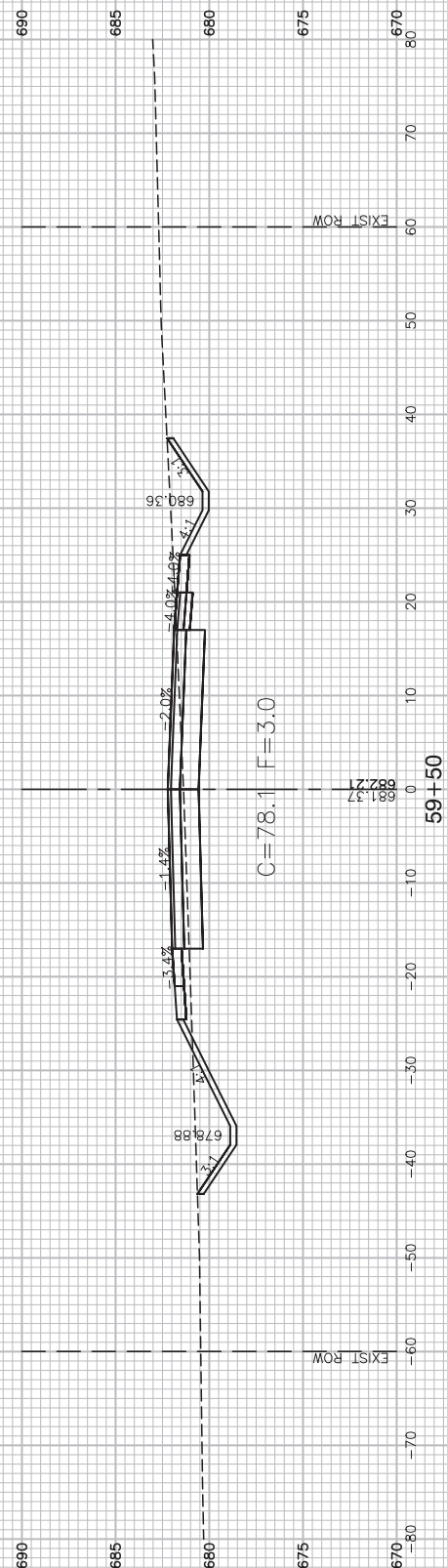
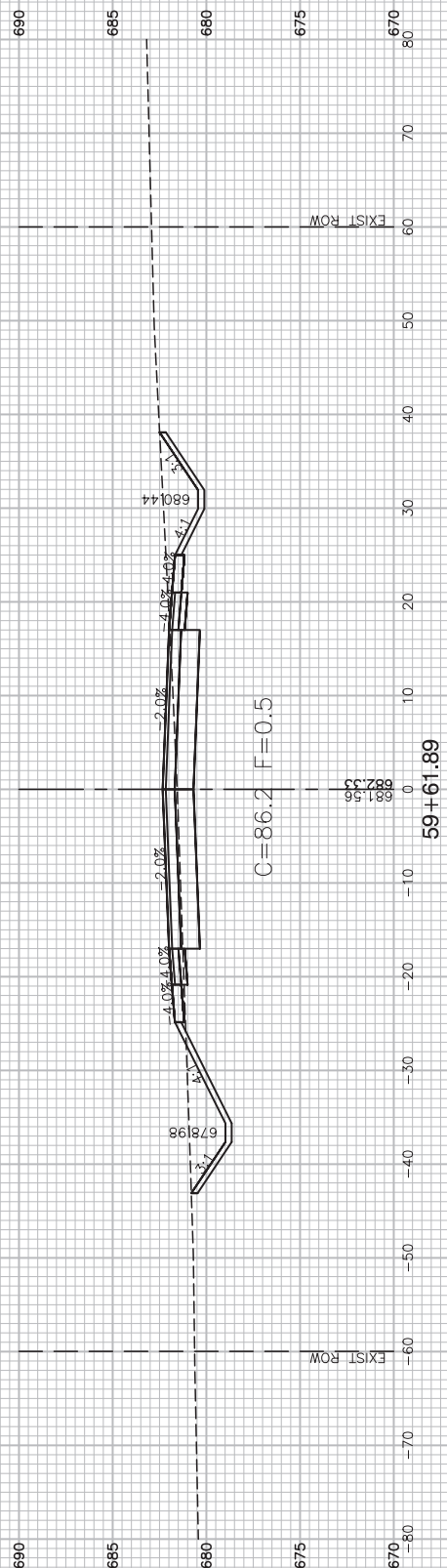
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS

SCALE: SHEET NO. 51 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 51 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(28)

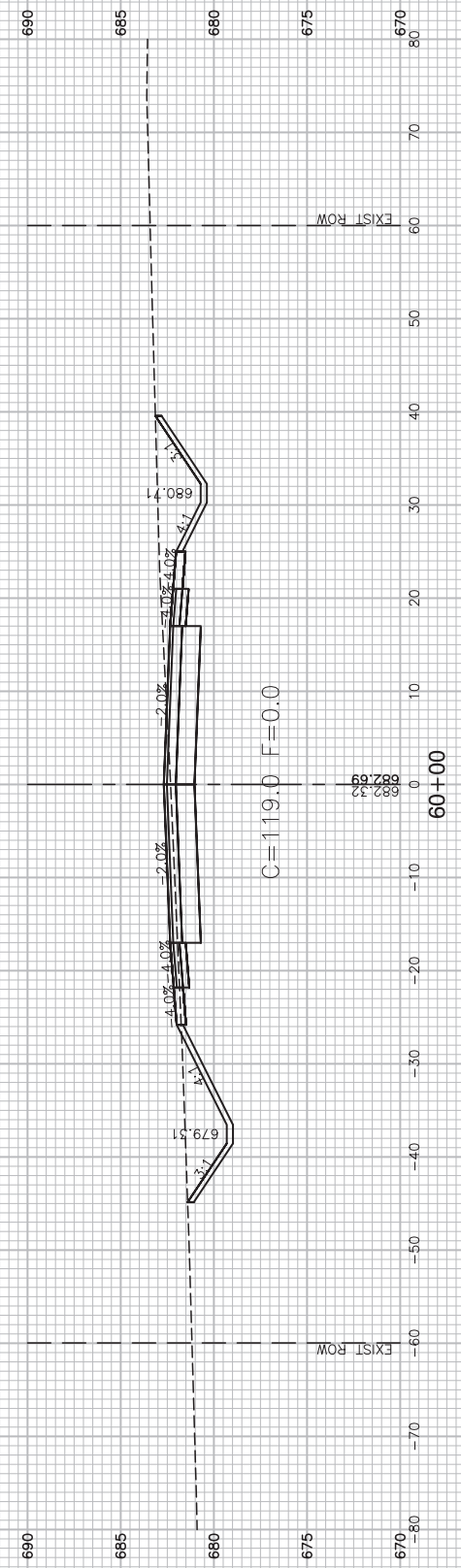
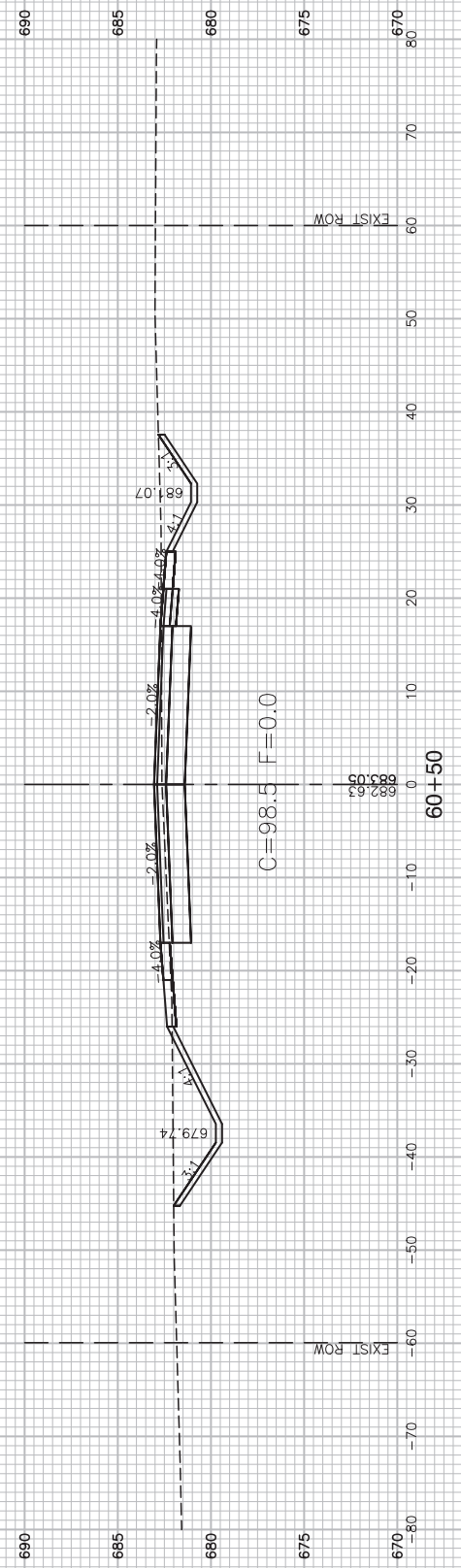
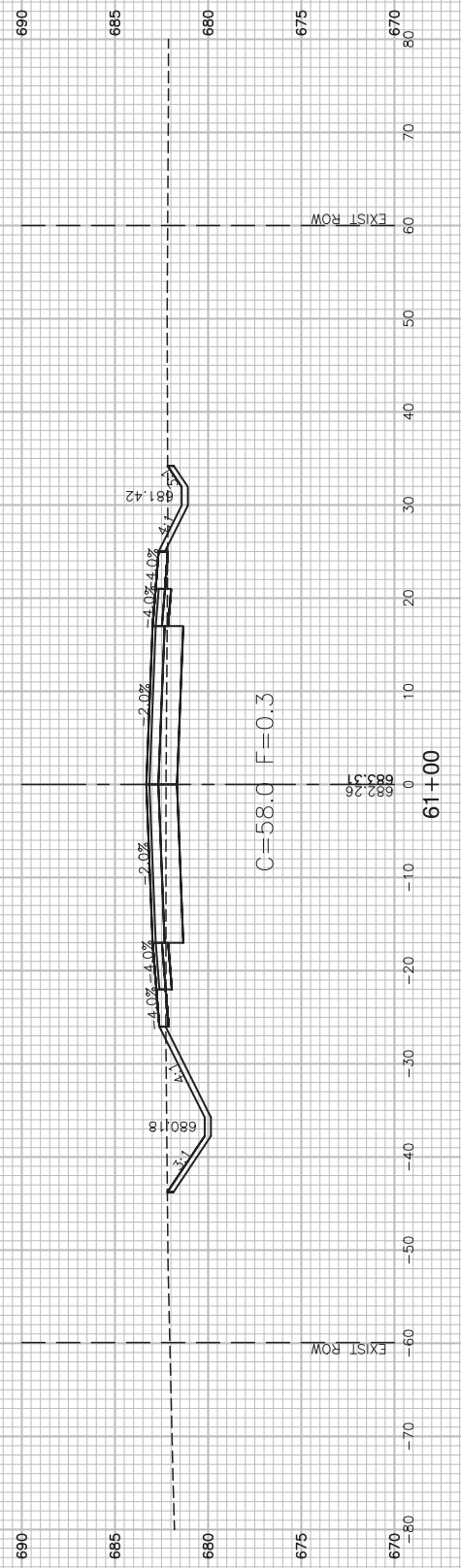
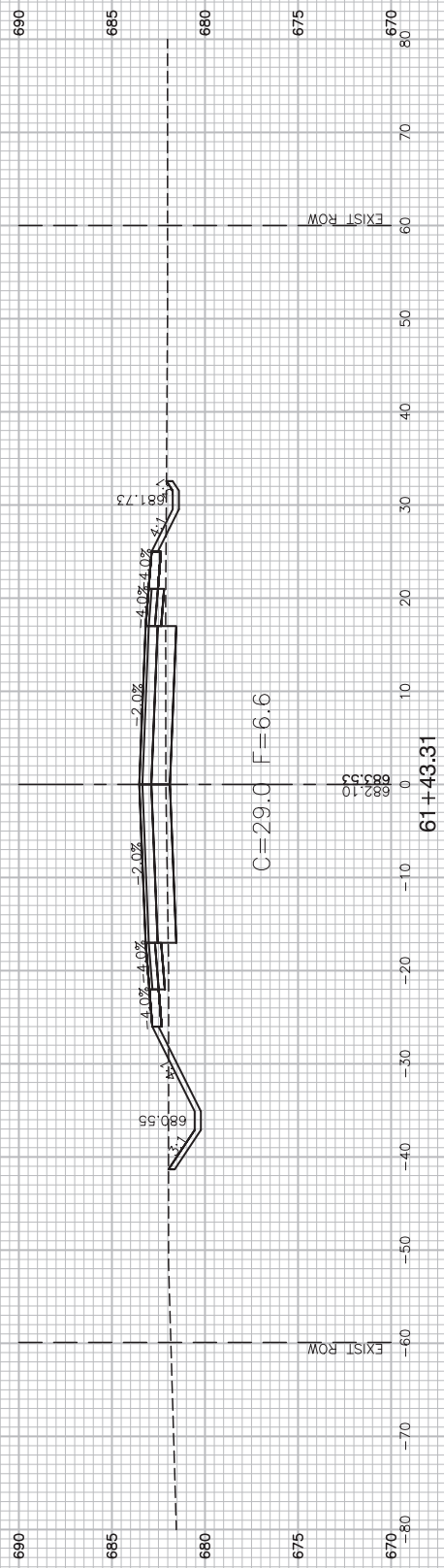
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS

SCALE: SHEET NO. 52 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 52 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02.XSECT-01 - XSECT(29)

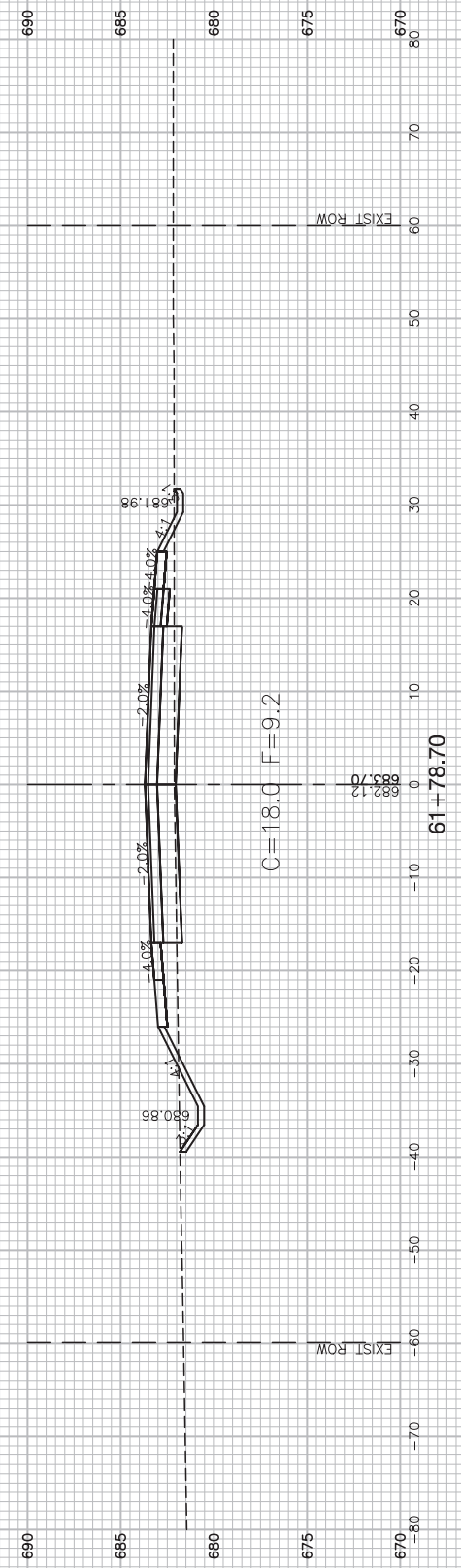
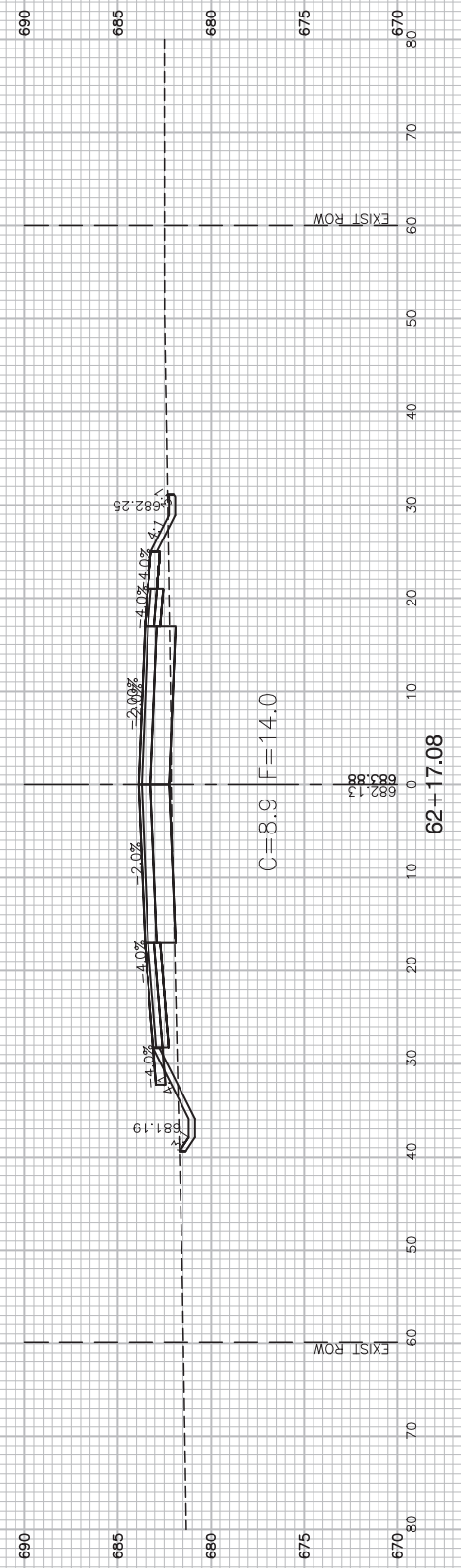
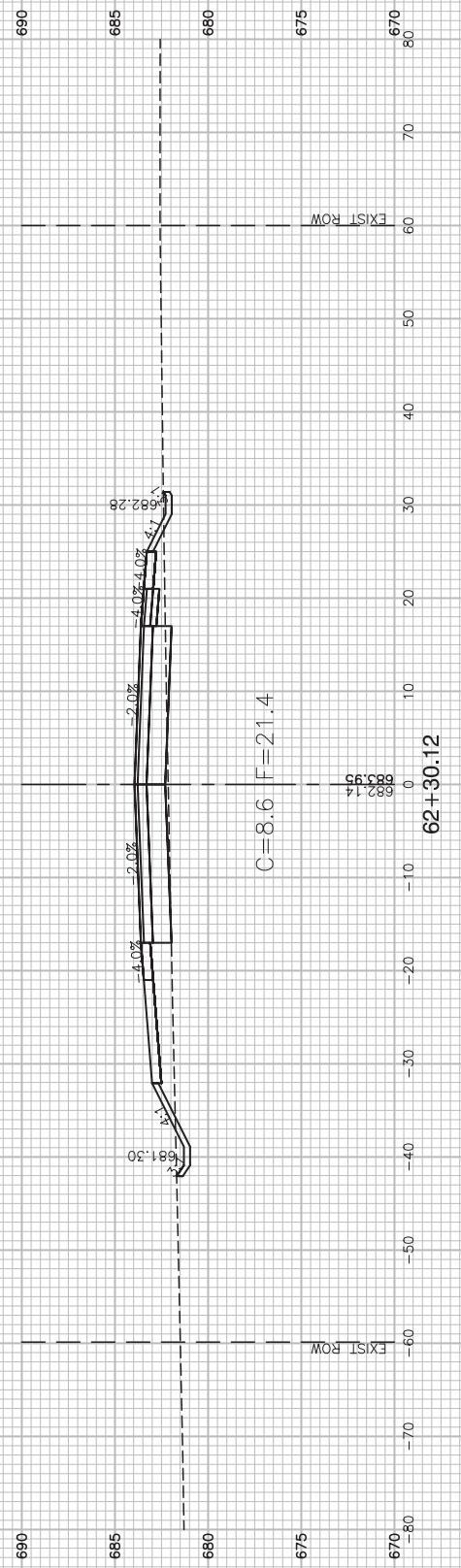
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|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS

SCALE: SHEET NO. 53 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 53 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |



FILE NAME = 12620_02-XSECT-01 - XSECT(30)

| | | |
|----------------------|-----------------|------------|
| USER NAME = | DESIGNED -- WPD | REVISED -- |
| | CHECKED -- PK | REVISED -- |
| PLOT SCALE = | DRAWN -- MED | REVISED -- |
| PLOT DATE = 01-11-19 | CHECKED -- APG | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 52 AND GOUGAR ROAD INTERSECTION IMPROVEMENTS
GOUGAR ROAD CROSS SECTIONS

SCALE: SHEET NO. 54 OF 54 SHEETS STA. TO STA.

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0852 | 13-00011-00-CH | WILL | 54 | 54 |
| CONTRACT NO. 61F68 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---- | | | | |