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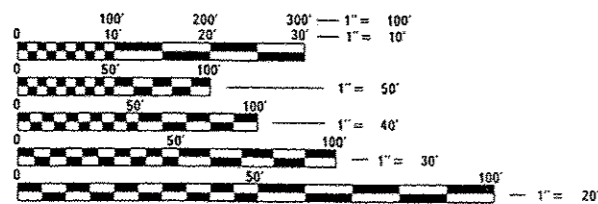
LIST OF STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420701-02 PAVEMENT FABRIC
- 442201-03 CLASS C AND D PATCHES
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 542301-03 **PRECAST REINFORCED CONCRETE FLARED END SECTION**

- 542401-01 METAL END SECTIONS FOR PIPE CULVERTS
- 602001-02 CATCH BASIN, TYPE A
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-03 MANHOLE TYPE A
- 602601-03 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LID, TYPE 1
- 604006-04 FRAME AND GRATE, TYPE 3
- 604036-02 GRATE, TYPE 8
- 606001-05 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 635006-03 REFLECTORS AND TERMINAL MARKER PLACEMENT
- 666001-01 RIGHT OF WAY MARKERS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701602-07 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-03 TRAFFIC CONTROL DEVICES
- 704001-07 TEMPORARY CONCRETE BARRIER
- 720016-03 MAST ARM MOUNTED STREET NAME SIGNS
- 780001-04 TYPICAL PAVEMENT MARKINGS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-02 HANDHOLES
- 814006-02 DOUBLE HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001-02 TRAFFIC SIGNAL GROUNDING AND BONDING
- 878001-09 CONCRETE FOUNDATION DETAILS
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

DISTRICT 5 STANDARDS

- 40800050A FIELD ENTRANCES (NONCOMMERCIAL RURAL)
- 408000AA SIDEROADS & SIDESTREETS (RURAL)
- 606AAAAA GUTTER DEPRESSION AT INLETS, CATCH BASINS AND MANHOLES
- 61101011A FIELD TILE SYSTEMS (TREATMENT OF EXISTING)
- 667000AAA PERMANENT SURVEY MARKERS (TYPE IV AND ADJUSTED)
- 7800AAAA PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)



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

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.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
 TOWANDA BARNES ROAD
 (FAU 6431) IMPROVEMENTS**

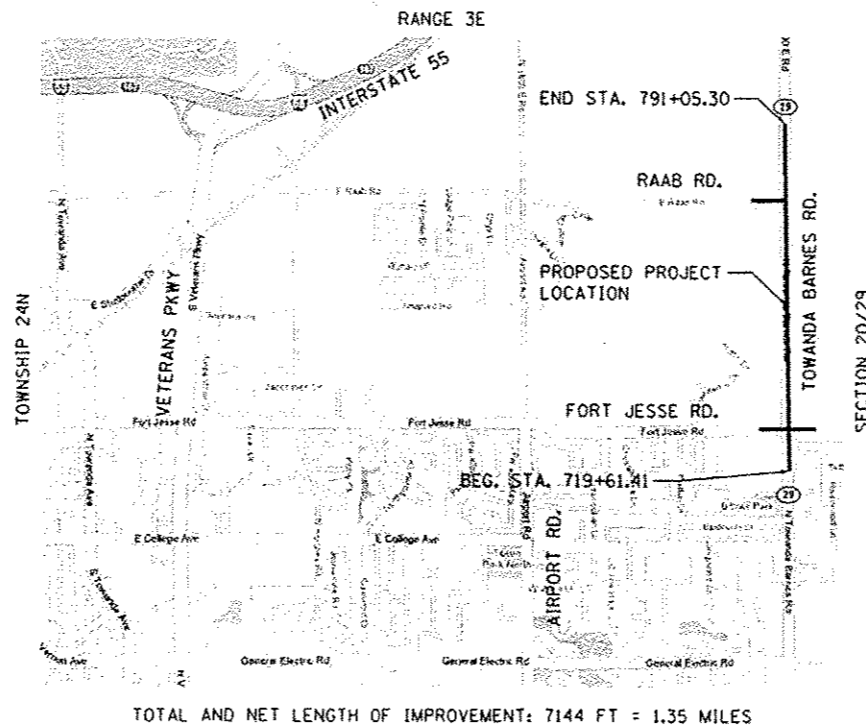
McLEAN COUNTY HIGHWAY DEPARTMENT

SECTION 07-00113-04-FP

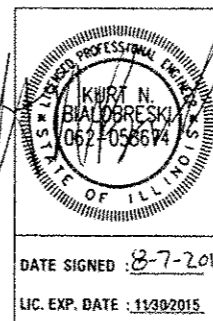
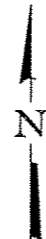
PROJECT RS-M-5227(049)

JOB NO. C-95-314-09

FUNDING: STR, STU, TARP, AND LOCAL



TOTAL AND NET LENGTH OF IMPROVEMENT: 7144 FT = 1.35 MILES



DATE: 8/7/14

HANSON
 Hanson Professional Services Inc.
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 7625 N. University Street, Ste. 200
 Peoria, Illinois 61614



LOCATION OF SECTION INDICATED THUS: - [black rectangle]

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APPROVED August 7 2014
[Signature]
 COUNTY ENGINEER

PASSED 09/08 2014
[Signature]
 DISTRICT FIVE ENGINEER OF
 LOCAL ROADS & STREETS

Releasing For
 Bid Based on
 Limited Review 0908 2014
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS,
 REGION THREE ENGINEER

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

- THE CONSTRUCTION SHALL BE GOVERNED BY THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
- ALL REFERENCES TO THE "DEPARTMENT" OR "ENGINEER" IN THE I.D.O.T. STANDARD SPECIFICATIONS SHALL BE CONSTRUED TO MEAN THE OWNER OR HIS AGENT.
- WHERE SECTION, SUB-SECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION PRIOR TO EXCAVATION.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
- ALL SECTIONS, DETAILS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS OTHERWISE SHOWN.
- ADJUSTMENT OF PROPOSED GRADES TO MATCH EXISTING ENTRANCES OR OTHER FIELD CONDITIONS MAY BE REQUIRED. THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION OF GRADE MODIFICATIONS.
- ALL THE ELEVATIONS, STATIONS, AND OFFSETS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- ALL PAVEMENT REMOVALS SHALL BE FULL DEPTH SAW CUT AT THE LIMITS TO BE REMOVED.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
- ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING ALL STAGES OF CONSTRUCTION.
- EXCESS MATERIAL, IF NOT USED FOR OTHER ON-SITE PURPOSES, SHALL BE STOCKPILED ONSITE AT A LOCATION DIRECTED BY THE OWNER.
- THE WORK AREA SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.
- THE OWNER RESERVES THE RIGHT TO REDUCE ANY QUANTITY OR DELETE PAY ITEMS FROM THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- APPLICATION RATES:
TEMPORARY EROSION CONTROL SEEDING: 100 LB/ACRE
NUTRIENTS: 90 LB/ACRE

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

| SURFACE TYPE | ESTIMATED TRUCK APPLICATION RATE | RESIDUAL RATE |
|--------------------------|----------------------------------|---------------|
| MILLED (HMA OR PCC) | 0.08 GAL/SY (0.00034 TON/SY) | 0.04 GAL/SY |
| EXISTING PAVEMENT | 0.05 GAL/SY (0.00022 TON/SY) | 0.025 GAL/SY |
| FOG COAT (BETWEEN LIFTS) | 0.05 GAL/SY (0.00022 TON/SY) | 0.025 GAL/SY |
| GRANULAR BASE | 0.5 GAL/SY | |

NOTE: ESTIMATED TRUCK APPLICATION RATE IS USED FOR ESTIMATING QUANTITIES.

- THIS JOB INCLUDES LEVELING BINDER OF 1-1/4 INCHES OR GREATER THICKNESS. LOCATIONS OF LEVELING BINDER EQUAL TO OR GREATER THAN 1-1/4 INCHES IN THICKNESS ARE AS FOLLOWS:

TOWANDA BARNES ROAD STA. 726+50.00 TO STA. 735+00.00 RIGHT
TOWANDA BARNES ROAD STA. 789+50.00 TO STA. 790+00.00 RIGHT

THE ABOVE LIST MAY NOT BE ALL INCLUSIVE DUE TO CONSTRUCTION VARIATIONS, VARIATIONS BETWEEN PLOTTED CROSS-SECTIONS, OR OTHER REASONS. ALL APPLICABLE REQUIREMENTS OF SECTION 406 OF THE STANDARD SPECIFICATIONS WILL BE ENFORCED FOR ALL LEVELING BINDER CONSTRUCTED 1-1/4 INCHES OR THICKER.

- CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.
 - THE CONTRACTOR SHALL USE ANY ON SITE MATERIAL DEEMED SUITABLE BY THE ENGINEER BEFORE ANY NEW FILL IS HAULED TO THE SITE.
 - ALL TRENCH BACKFILL SHALL BE COMPACTED TO 98% OF STANDARD PROCTOR DENSITY. NO JETTING WILL BE ALLOWED.
 - WHERE CUTTER REMOVAL IS ADJACENT TO EXISTING GUTTER AND ROADWAY TO REMAIN, THE LIMITS OF THE GUTTER REMOVAL SHALL BE FULL DEPTH SAWCUT.
 - GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.
- THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- FOR STABILIZATION, ALL TYPE II BARRICADES SHALL REQUIRE A MINIMUM OF EIGHT SANDBAGS PER BARRICADE.
 - AS NECESSARY, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER TO RELOCATE OR TO REMOVE AND REINSTALL ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION.
- ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK DEMANDS.
B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO ROADWAY TRAFFIC. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT FOR THE DURATION OF THE TEMPORARY SETTING.
- ALL AGGREGATE MATERIALS SHALL BE AN IDOT APPROVED MATERIAL AND COME FROM AN IDOT APPROVED SOURCE.

DESIGN VARIANCES

FORT JESSE ROAD INTERSECTION

- DESIGN VEHICLE USED WAS WB-55 AS PER MCLEAN COUNTY STANDARDS.
- HALF-SHELTERED TURN LANE USED ON FORT JESSE RD.
- NB TOWANDA BARNES RD, LEFT TURN LANE PROJECTED TRAFFIC COUNT EXCEEDS 300 VPD (LIMIT FOR SINGLE TURN LANE), BUT THE PROJECTED LEVEL OF SERVICE REMAINS SUFFICIENT.
- SB TOWANDA BARNES RD, STOP BAR DISTANCE FROM FORT JESSE E.O.P. EXCEEDS 30' TO ACCOMMODATE TRUCK TURN PATH.

RAAB ROAD INTERSECTION

- DESIGN VEHICLE USED WAS WB-55 AS PER TOWN OF NORMAL STANDARDS.
- HALF-SHELTERED TURN LANE USED ON RAAB RD.
- NB TOWANDA BARNES RD, LEFT TURN LANE PROJECTED TRAFFIC COUNT EXCEEDS 300 VPD (LIMIT FOR SINGLE TURN LANE), BUT THE PROJECTED LEVEL OF SERVICE REMAINS SUFFICIENT.

LEGEND

| | | | |
|--|-----------------------------|--|-----------------------|
| | EXISTING MANHOLE | | GAS |
| | PROPOSED MANHOLE | | TELEPHONE |
| | EXISTING INLET | | CABLE TELEVISION |
| | PROPOSED INLET | | FIBER OPTIC |
| | CONTROL POINT | | WATER |
| | EXISTING TELEPHONE PEDESTAL | | OVERHEAD ELECTRIC |
| | EXISTING GUY | | UNDERGROUND ELECTRIC |
| | EXISTING POWER POLE | | EXISTING PIPE CULVERT |
| | EXISTING CULVERT | | PROPOSED PIPE CULVERT |
| | PROPOSED CULVERT | | EXISTING STORM SEWER |
| | EXISTING SIGN | | PROPOSED STORM SEWER |
| | EXISTING MAILBOX | | FENCE |
| | EXISTING FIRE HYDRANT | | GUARDRAIL |
| | EXISTING TRAFFIC SIGNAL | | PROPOSED R.O.W. |
| | EXISTING TREE | | EXISTING R.O.W. |
| | PROPOSED RIP RAP | | TEMPORARY EASEMENT |

UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED AMONG THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS, ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

TOLL FREE

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) TELEPHONE NUMBER
1-800-892-0123

UTILITIES

CORN BELT ENERGY
1 ENERGY WAY
BLOOMINGTON, IL 61705
309.662.5330

NICOR
1844 FERRY ROAD
NAPERVILLE, IL 60563
CONSTANCE CANE
630.388.3830

FRONTIER
104 WEST MULBERRY
NORMAL, IL 61761
ADAM GANGLOFF
309.454.1472

LEVEL 3 COMMUNICATIONS
1025 ELDORADO BOULEVARD
BROOMFIELD, CO 80021
MARSHA KIDD
918.547.0029

CITY OF BLOOMINGTON
115 E. WASHINGTON STREET
P.O. BOX 3157
BLOOMINGTON, IL 61702
MARK HOCKING
309.434.2225

SUMMARY OF QUANTITIES

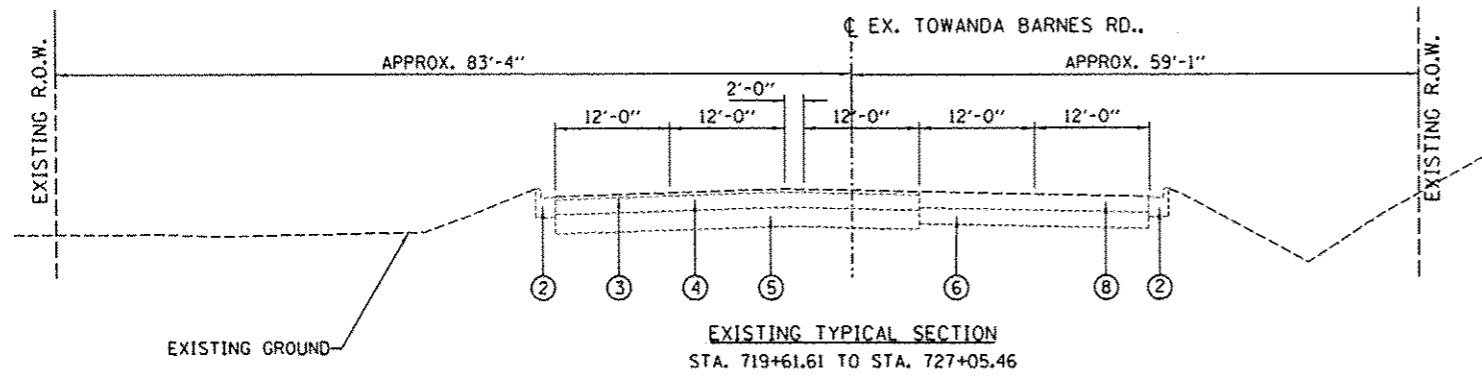
| ITEM NUMBER | ITEM | UNIT | QUANTITY |
|-------------|--|-------|----------|
| 20200100 | EARTH EXCAVATION | CU YD | 21311 |
| 20400800 | FURNISHED EXCAVATION | CU YD | 4426 |
| 20800150 | TRENCH BACKFILL | CU YD | 4232 |
| 21001000 | GEO TECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 3500 |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 53392 |
| 21301052 | EXPLORATION TRENCH 52" DEPTH | FOOT | 5700 |
| 25000210 | SEEDING, CLASS 2A | ACRE | 10 |
| 25000314 | SEEDING, CLASS 4B | ACRE | 1.25 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 888 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 888 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 888 |
| 25100115 | MULCH, METHOD 2 | ACRE | 11 |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | 113 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 1103 |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 1046 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 741 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 28 |
| 28000510 | INLET FILTERS | EACH | 138 |
| 28100105 | STONE RIPRAP, CLASS A3 | SQ YD | 80 |
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD | 58 |
| 28100111 | STONE RIPRAP, CLASS A6 | SQ YD | 199 |
| 28200200 | FILTER FABRIC | SQ YD | 337 |
| 31100100 | SUBBASE GRANULAR MATERIAL, TYPE A | TON | 26900 |
| 31101000 | SUBBASE GRANULAR MATERIAL, TYPE B | TON | 1000 |
| 35101400 | AGGREGATE BASE COURSE, TYPE B | TON | 201 |
| 40200800 | AGGREGATE SURFACE COURSE, TYPE B | TON | 285 |
| 40201000 | AGGREGATE FOR TEMPORARY ACCESS | TON | 188 |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 78474 |
| 40600285 | POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) | POUND | 33893 |
| 40600637 | LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 | TON | 678 |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 485 |
| 40603087 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N70 | TON | 18663 |
| 40603237 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N70 | TON | 4552 |
| 40603540 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 | TON | 5567 |
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING | TON | 95 |
| 42001300 | PROTECTIVE COAT | SQ YD | 3584 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 8257 |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 306 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 1214 |
| 44200089 | PAVEMENT PATCHING, TYPE I, 8 INCH | SQ YD | 60 |
| 44200094 | PAVEMENT PATCHING, TYPE II, 8 INCH | SQ YD | 70 |
| 44200116 | PAVEMENT PATCHING, TYPE I, 10 INCH | SQ YD | 24 |
| 44200120 | PAVEMENT PATCHING, TYPE II, 10 INCH | SQ YD | 9 |
| 44300100 | AREA REFLECTIVE CRACK CONTROL TREATMENT | SQ YD | 12667 |
| 48203021 | HOT-MIX ASPHALT SHOULDERS, 6" | SQ YD | 1807 |
| 50100100 | REMOVAL OF EXISTING STRUCTURES | EACH | 1 |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 755 |
| 542C0223 | PIPE CULVERTS, CLASS C, TYPE 1 18" | FOOT | 382 |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | 30 |
| 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 1 |

| ITEM NUMBER | ITEM | UNIT | QUANTITY |
|-------------|--|-------|----------|
| 54213663 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" | EACH | 8 |
| 54213669 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" | EACH | 6 |
| 54213873 | STEEL END SECTIONS 18" | EACH | 6 |
| 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 45 |
| 550A0070 | STORM SEWERS, CLASS A, TYPE 1 15" | FOOT | 1121 |
| 550A0090 | STORM SEWERS, CLASS A, TYPE 1 18" | FOOT | 102 |
| 550A0340 | STORM SEWERS, CLASS A, TYPE 2 12" | FOOT | 12 |
| 550A0360 | STORM SEWERS, CLASS A, TYPE 2 15" | FOOT | 3383.5 |
| 550A0380 | STORM SEWERS, CLASS A, TYPE 2 18" | FOOT | 873.5 |
| 550A0400 | STORM SEWERS, CLASS A, TYPE 2 21" | FOOT | 2099 |
| 550A0410 | STORM SEWERS, CLASS A, TYPE 2 24" | FOOT | 159 |
| 550A0450 | STORM SEWERS, CLASS A, TYPE 2 36" | FOOT | 265.5 |
| 550A0750 | STORM SEWERS, CLASS A, TYPE 3 36" | FOOT | 319.5 |
| 56400100 | FIRE HYDRANTS TO BE MOVED | EACH | 1121.5 |
| 60203905 | CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 |
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 3 |
| 60218500 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE | EACH | 2 |
| 60235700 | INLETS, TYPE A, TYPE 3 FRAME AND GRATE | EACH | 7 |
| 60240220 | INLETS, TYPE B, TYPE 3 FRAME AND GRATE | EACH | 51 |
| 60240301 | INLETS, TYPE B, TYPE 8 GRATE | EACH | 71 |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 3 |
| 60266600 | VALVE BOXES TO BE ADJUSTED | EACH | 2 |
| 60500060 | REMOVING INLETS | EACH | 5 |
| 60604400 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6-18 | FOOT | 11 |
| 61100605 | MISCELLANEOUS CONCRETE | CU YD | 12886 |
| 61133100 | FIELD TILE JUNCTION VAULTS, 2' DIA. | EACH | 10 |
| 61133200 | FIELD TILE JUNCTION VAULTS, 3' DIA. | EACH | 10 |
| 61140000 | STORM SEWERS (SPECIAL), 8" | FOOT | 500 |
| 61140100 | STORM SEWERS (SPECIAL), 10" | FOOT | 500 |
| 61140200 | STORM SEWERS (SPECIAL), 12" | FOOT | 500 |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 580 |
| 66600105 | FURNISHING AND ERECTING RIGHT OF WAY MARKERS | EACH | 21 |
| 66700505 | PERMANENT SURVEY MARKERS, TYPE IV | EACH | 2 |
| 67100100 | MOBILIZATION | LSUM | 1 |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 57863 |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 283 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 19853 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 180 |
| 70600275 | IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 2 | EACH | 2 |
| 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 20 |
| 72000200 | SIGN PANEL - TYPE 2 | SQ FT | 60 |
| 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 484 |
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 5040 |
| 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 2076 |
| 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 406 |
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 203 |
| 78001100 | PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 296 |
| 78001110 | PAINT PAVEMENT MARKING - LINE 4" | FOOT | 23107 |
| 78001140 | PAINT PAVEMENT MARKING - LINE 8" | FOOT | 2012 |

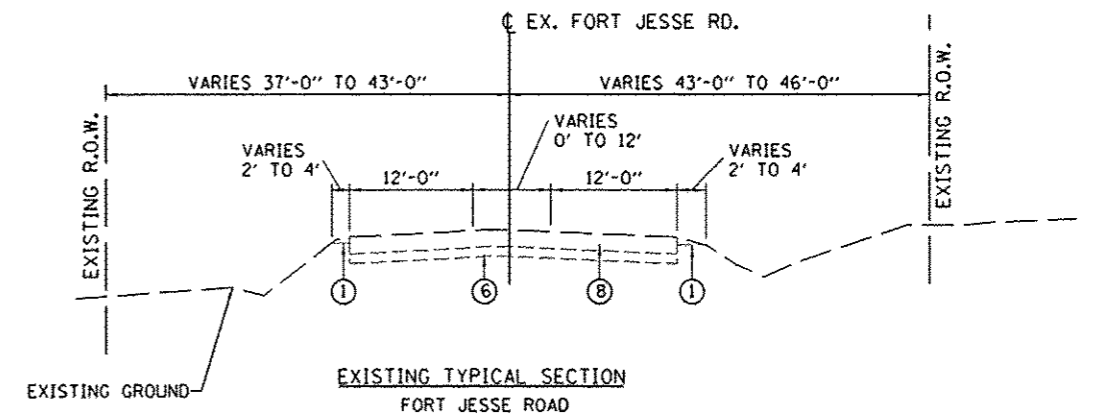
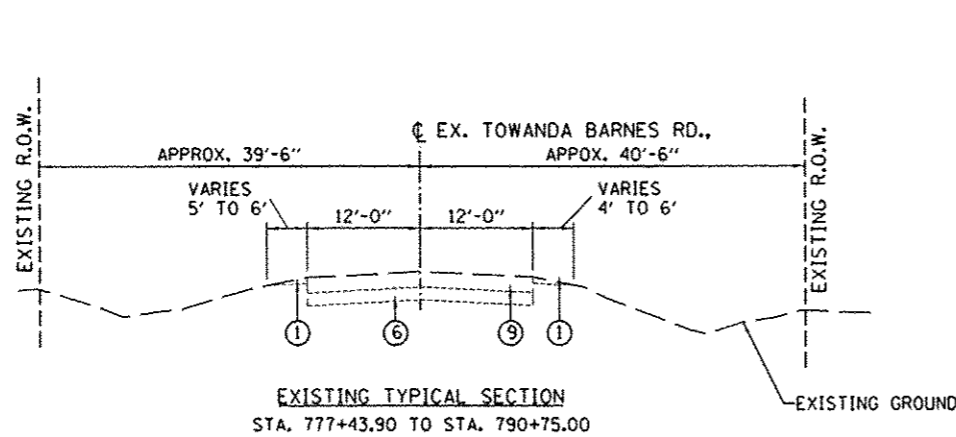
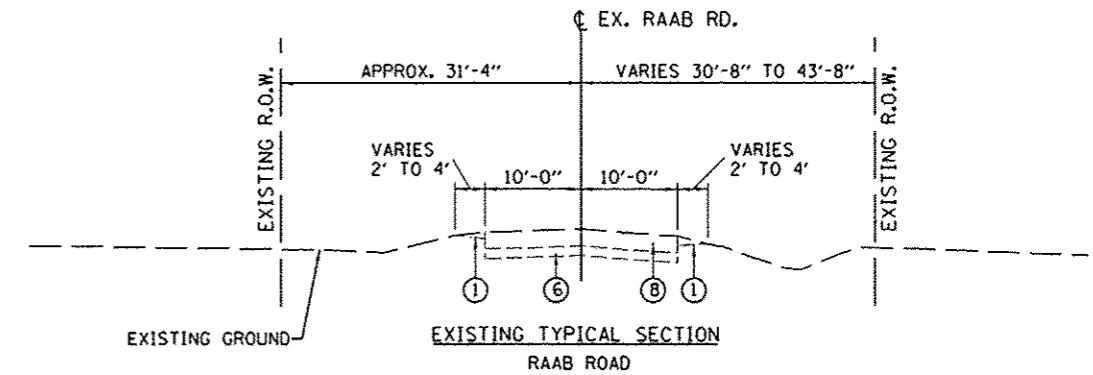
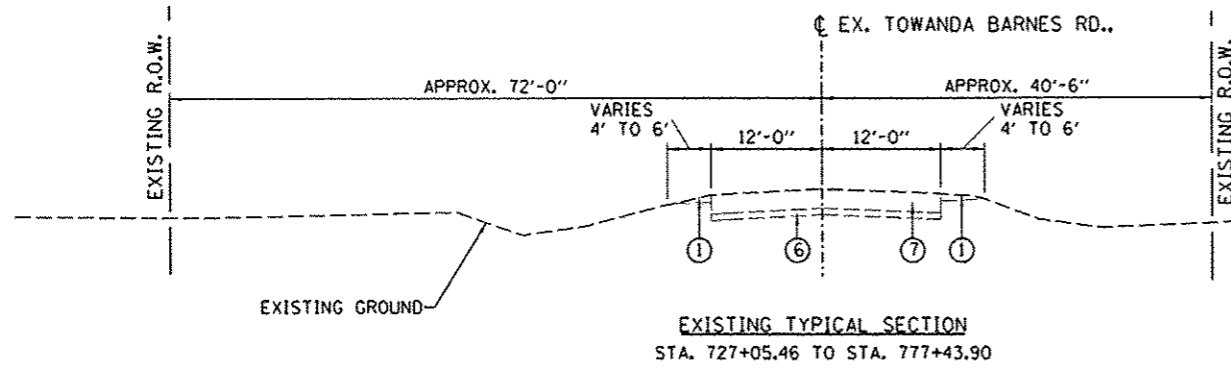
| ITEM NUMBER | ITEM | UNIT | QUANTITY |
|-------------|---|-------|----------|
| 78001150 | PAINT PAVEMENT MARKING - LINE 12" | FOOT | 460 |
| 78001180 | PAINT PAVEMENT MARKING - LINE 24" | FOOT | 114 |
| 80500100 | SERVICE INSTALLATION, TYPE A | EACH | 1 |
| 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 15 |
| 81028330 | UNDERGROUND CONDUIT, PVC, 1 1/4" DIA. | FOOT | 439 |
| 81028350 | UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 1168 |
| 81028360 | UNDERGROUND CONDUIT, PVC, 2 1/2" DIA. | FOOT | 55 |
| 81028370 | UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 232 |
| 81028390 | UNDERGROUND CONDUIT, PVC, 4" DIA. | FOOT | 310 |
| 81400700 | HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 11 |
| 81400720 | DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 1 |
| 82103250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT | EACH | 4 |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 2079 |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 2364 |
| 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 4492 |
| 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 823 |
| 87502510 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT. | EACH | 1 |
| 87702900 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. | EACH | 1 |
| 87702930 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. | EACH | 1 |
| 87702950 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. | EACH | 1 |
| 87702955 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT. | EACH | 1 |
| 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 3 |
| 87800200 | CONCRETE FOUNDATION, TYPE D | FOOT | 3.5 |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 50 |
| 87900200 | DRILL EXISTING HANDHOLE | EACH | 7 |
| 88040070 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1 |
| 88040090 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 6 |
| 88040150 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 1 |
| 88040160 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 5 |
| 88200100 | TRAFFIC SIGNAL BACKPLATE | EACH | 13 |
| 88500500 | INDUCTION LOOP DETECTOR AMPLIFIER | EACH | 12 |
| 88600100 | DETECTOR LOOP, TYPE I | FOOT | 2729 |
| 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 2 |
| 89500100 | RELOCATE EXISTING SIGNAL HEAD | EACH | 4 |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| 89502380 | REMOVE EXISTING HANDHOLE | EACH | 6 |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 1 |
| X0322719 | TEMPORARY DRAINAGE CONNECTION | EACH | 5 |
| X0323360 | WOODEN POLE REMOVAL | EACH | 1 |
| X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 790 |
| X6024502 | INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE | EACH | 9 |
| X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | LSUM | 1 |
| X8570226 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| XX006529 | CONCRETE CURB AND GUTTER END OUTLET SPECIAL | EACH | 6 |
| XX006573 | CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 8 GRATE | EACH | 2 |
| XX008057 | CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 |
| Z0013798 | CONSTRUCTION LAYOUT | LSUM | 1 |
| Z0033068 | TRAFFIC SIGNAL BATTERY BACKUP SYSTEM | EACH | 1 |
| Z0034105 | MATERIAL TRANSFER DEVICE | TON | 10119 |
| Z0062456 | TEMPORARY PAVEMENT | SQ YD | 2119 |

Δ SPECIALTY ITEMS
 Δ TRAINEES 0042

| | | | |
|------------|--|------|------|
| Δ Z0076600 | TRAINEE | Hour | 1000 |
| Δ Z0076604 | IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING (TAG) | Hour | 1000 |



- LEGEND**
- ① EXISTING AGGREGATE SHOULDERS
 - ② EXISTING COMBINATION CURB AND GUTTER
 - ③ EXISTING 2" BITUMINOUS CONCRETE SURFACE
 - ④ EXISTING 9 1/2" BITUMINOUS CONCRETE BINDER
 - ⑤ EXISTING 12" LIME MODIFIED SOIL
 - ⑥ EXISTING 6"-12" SUBBASE GRANULAR MATERIAL
 - ⑦ EXISTING 8" BITUMINOUS CONCRETE PAVEMENT
 - ⑧ EXISTING 9" BITUMINOUS CONCRETE PAVEMENT
 - ⑨ EXISTING 10 1/2" BITUMINOUS CONCRETE PAVEMENT

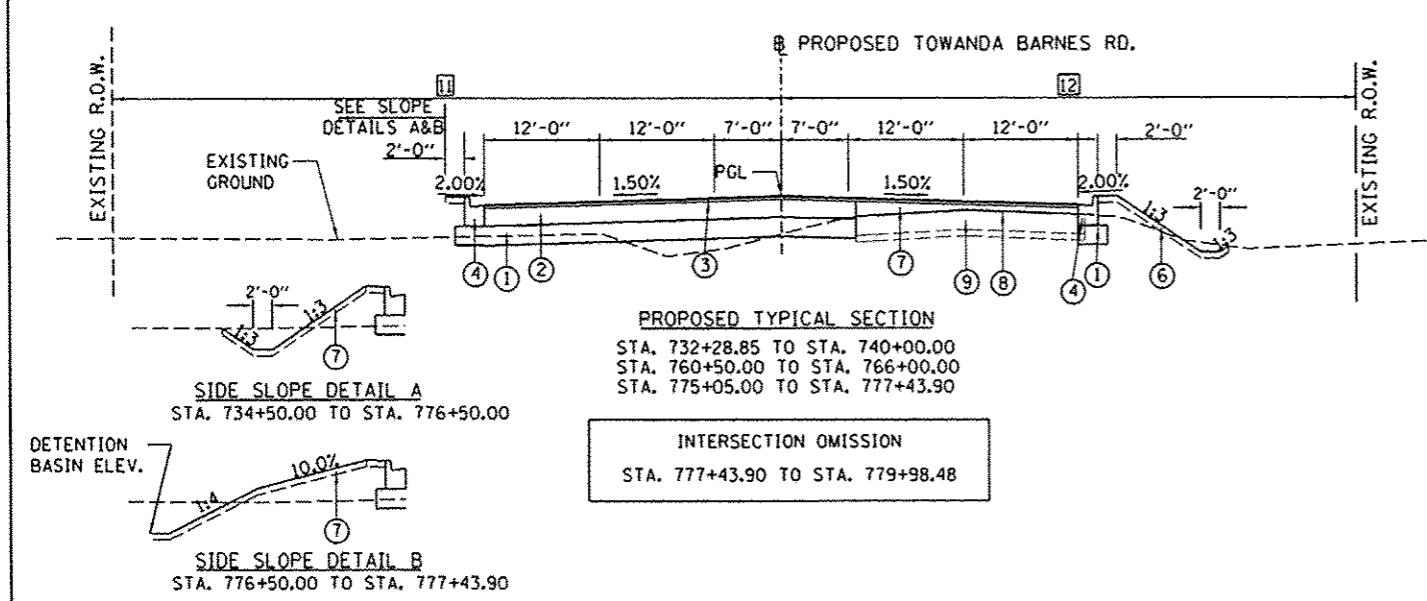
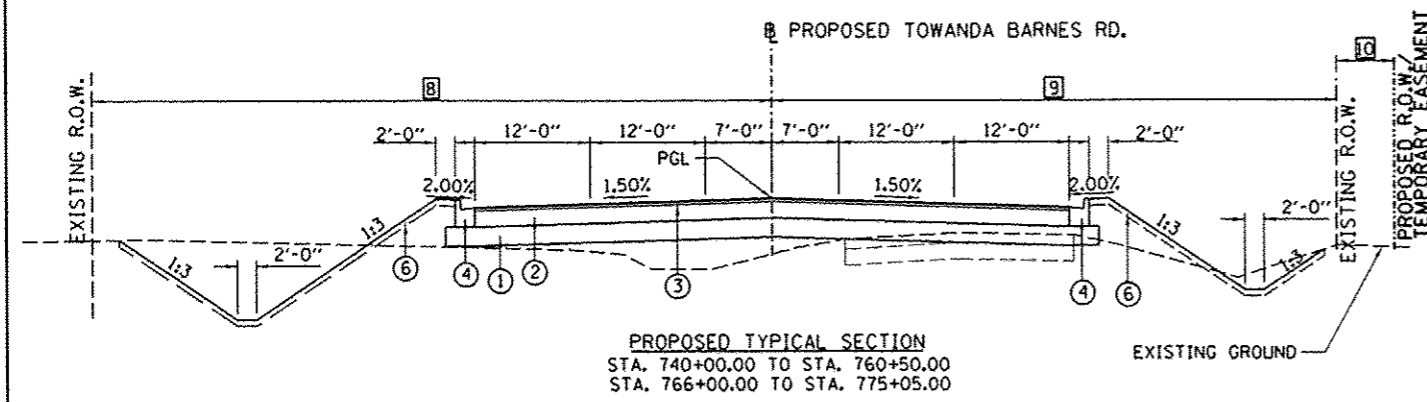
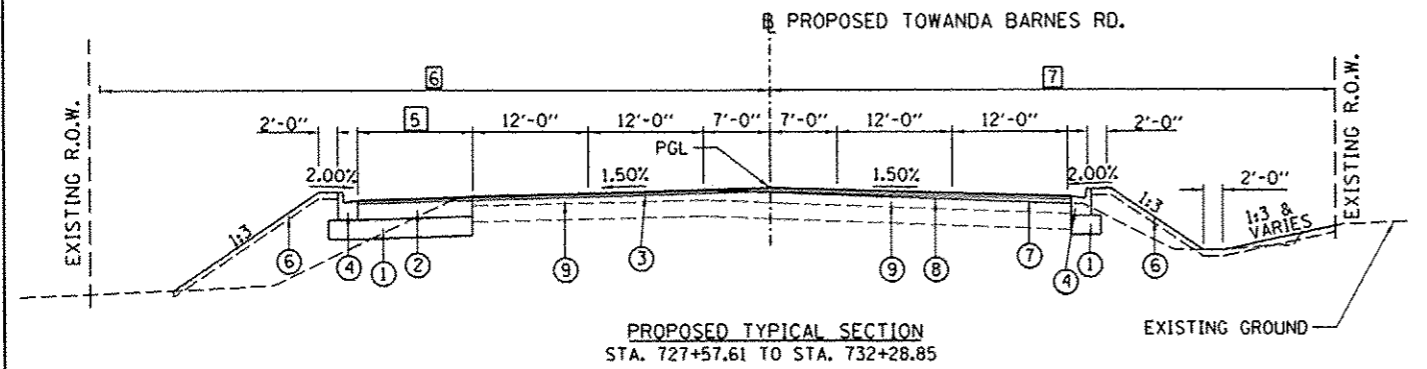
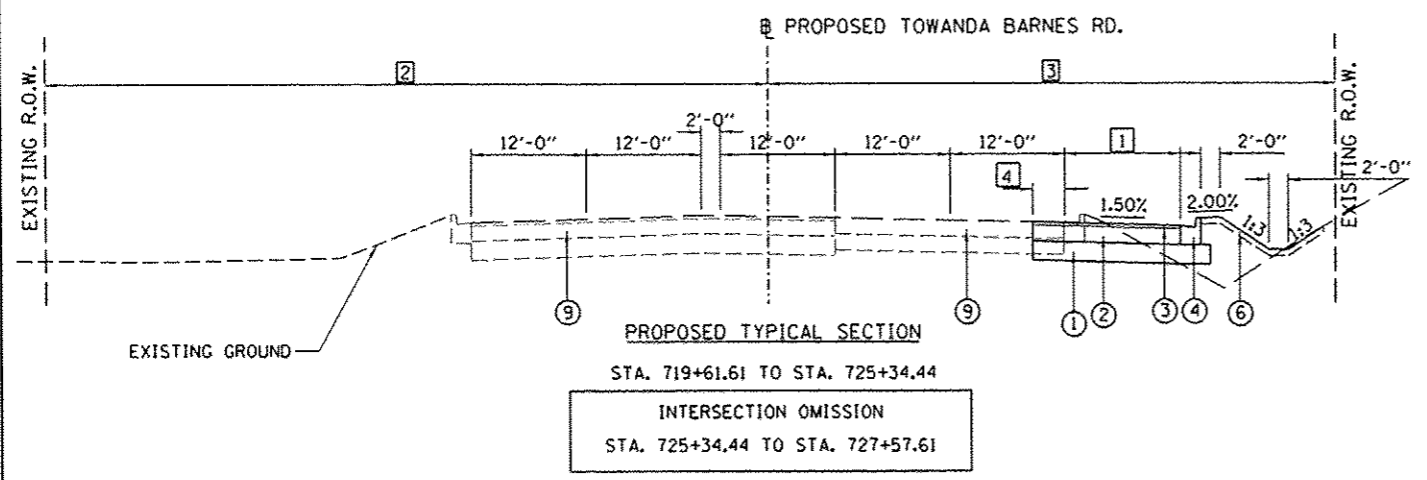


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| PLOT DATE * 8/7/2014 | | CHECKED - CAL | REVISED - |
| | | DATE - 6/27/14 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| EXISTING TYPICAL SECTIONS | | | |
|---------------------------|---------------------|--------------|--|
| SCALE: | SHEET NO. OF SHEETS | STA. TO STA. | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|----------------|--------|--------------------|-----------|
| 6431 | 07-00113-04-FP | McLEAN | 162 | 4 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | | CONTRACT NO. 91400 | |



NOTES

- 1 LANE WIDTH - RIGHT
STA. 719+61.61 TO STA. 721+81.43 = TRANSITION FROM 0'-0" TO 12'-0"
STA. 721+81.43 TO STA. 725+34.44 = 12'-0"
- 2 EXISTING R.O.W. - LEFT
STA. 719+61.61 TO STA. 724+96.90 = TRANSITION FROM 83'-8" TO 83'-1"
STA. 724+96.90 TO STA. 725+34.44 = TRANSITION FROM 83'-1" TO 90'-1"
- 3 EXISTING R.O.W. - RIGHT
STA. 719+61.61 TO STA. 724+70.03 = 59'-0"
STA. 724+70.03 TO STA. 725+34.44 = TRANSITION FROM 59'-0" TO 79'-4"
- 4 WIDENING STUB - RIGHT
STA. 719+61.61 TO STA. 720+34.90 = TRANSITION FROM 4'-0" TO 0'-0"
STA. 720+34.90 TO STA. 725+34.44 = 0'-0"
- 5 LANE WIDTH - LEFT
STA. 727+57.61 TO STA. 730+08.85 = 12'-0"
STA. 730+08.85 TO STA. 732+28.85 = TRANSITION FROM 12'-0" TO 0'-0"
- 6 EXISTING R.O.W. - LEFT
STA. 727+57.61 TO STA. = 95'-4"
STA. 728+76.75 TO STA. 731+01.50 = TRANSITION FROM 95'-4" TO 82'-8"
STA. 731+01.50 TO STA. 732+01.50 = 82'-8"
STA. 732+01.50 TO STA. 732+28.85 = TRANSITION FROM 82'-8" TO 79'-3"
- 7 EXISTING R.O.W. - RIGHT
STA. 727+57.61 TO STA. 732+28.85 = TRANSITION FROM 58'-10" TO 59'-9"
- 8 EXISTING R.O.W. - LEFT
STA. 740+00.00 TO STA. 760+50.00 = TRANSITION FROM 71'-10" TO 71'-4"
- 9 EXISTING R.O.W. - RIGHT
STA. 740+00.00 TO STA. 760+50.00 = TRANSITION FROM 60'-1" TO 60'-4"
- 10 PROPOSED R.O.W. - RIGHT
STA. 745+00.00 TO STA. 746+50.00 = 19'-10"
STA. 746+50.00 TO STA. 748+50.00 = 5'-0"
TEMPORARY EASEMENT - RIGHT
STA. 758+60.44 TO STA. 758+96.44 = 5'-0"
- 11 R.O.W. - LEFT
STA. 732+28.85 TO STA. 740+00.00 = TRANSITION FROM 79'-3" TO 71'-10"
STA. 760+50.00 TO STA. 777+43.90 = TRANSITION FROM 71'-4" TO 69'-9"
- 12 R.O.W. - RIGHT
STA. 732+28.85 TO STA. 740+00.00 = TRANSITION FROM 59'-8" TO 60'-1"
STA. 760+50.00 TO STA. 777+43.90 = TRANSITION FROM 60'-4" TO 59'-3"

LEGEND

- 1 12" PROPOSED AGGREGATE BASE COURSE, TYPE B
- 2 2 1/4" PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
7 3/4" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
- 3 2" PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- 4 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.1B
- 5 PROPOSED, HOT-MIX ASPHALT SHOULDERS, 6"
- 6 4" PROPOSED TOPSOIL, EXCAVATION AND PLACEMENT
- 7 EXISTING ROADWAY PROFILE CORRECTION BASED ON TOTAL HEIGHT OF GRADE CHANGE:
1'-3" PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5 F.G. N70
3'-14" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G. N70 (2 1/4" MIN. LIFT AND 4 1/2" MAX. LIFT)
- 8 AREA REFLECTIVE CRACK CONTROL TREATMENT
- 9 EXISTING HOT-MIX ASPHALT PAVEMENT (TO REMAIN)

TOWANDA BARNES ROAD

| | |
|---|-------------------------------|
| STRUCTURAL DESIGN TRAFFIC: | YEAR 2027 |
| PV = 92% | SU = 5% MU = 3% |
| ROAD/STREET CLASSIFICATION: | CLASS 1 |
| P = 50% | S = 50% M = 50% |
| TRAFFIC FACTOR: ACTUAL TF = 1.67 | AC TYPE = 20 |
| MINIMUM TF = 0.25 | |
| AC GRADE: Binder= SBS-PG 64-28/PG 64-22 | Surface= SBS-PG 64-28 |
| SUBGRADE SUPPORT RATING: | |
| SSR = POOR | (STA. 719+61.61 TO 790+75.00) |
| SSR = | (STA. TO) |

BITUMINOUS MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| MIXTURE USE(S): | POLYMERIZED SURFACE COURSE | POLYMERIZED TOP BINDER COURSE | PAVEMENT PATCHING BINDER COURSE (BOTTOM LIFT & THICK LEVELING) | INCIDENTAL AND 2" TOP SHOULDER LIFT | 4" BOTTOM SHOULDER LIFT | THIN LEVELING COURSE |
|--|----------------------------|-------------------------------|--|-------------------------------------|-------------------------|----------------------|
| AC/PG: | SBS-PG 64-28 | SBS-PG 64-28 | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 |
| RAP%+RAS% (MAX.): | 10% | 10% | 15% | 15% | 50% | 15% |
| DESIGN AIR VOIDS: | 4.0% @ N-70 | 4.0% @ N-70 | 4.0% @ N-70 | 4.0% @ N-50 | 2.0% @ N-30 | 4.0% @ N-70 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE) | IL 9.5 | IL 19.0 F.G. | IL 19.0 F.G. | IL 9.5 | OTHER | IL 9.5 F.G. |
| FRICITION AGGREGATE: | MIXTURE D | N.A. | N.A. | MIXTURE C | N.A. | MIXTURE C |
| MIXTURE WEIGHT: | 112 LB/SO YD/IN | 112 LB/SO YD/IN | 112 LB/SO YD/IN | 112 LB/SO YD/IN | 112 LB/SO YD/IN | 112 LB/SO YD/IN |
| THICKNESS: | 2.0 IN | 2.25 IN | 7.75 IN | 2.0 IN | 4.0 IN | VARIES |

| | | | |
|---|------------------------------|---------------|----------|
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| PLOT SCALE: 20.0000 / in. | | CHECKED: CAL | REVISED: |
| PLOT DATE: 6/7/2014 | | DATE: 6/27/14 | REVISED: |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

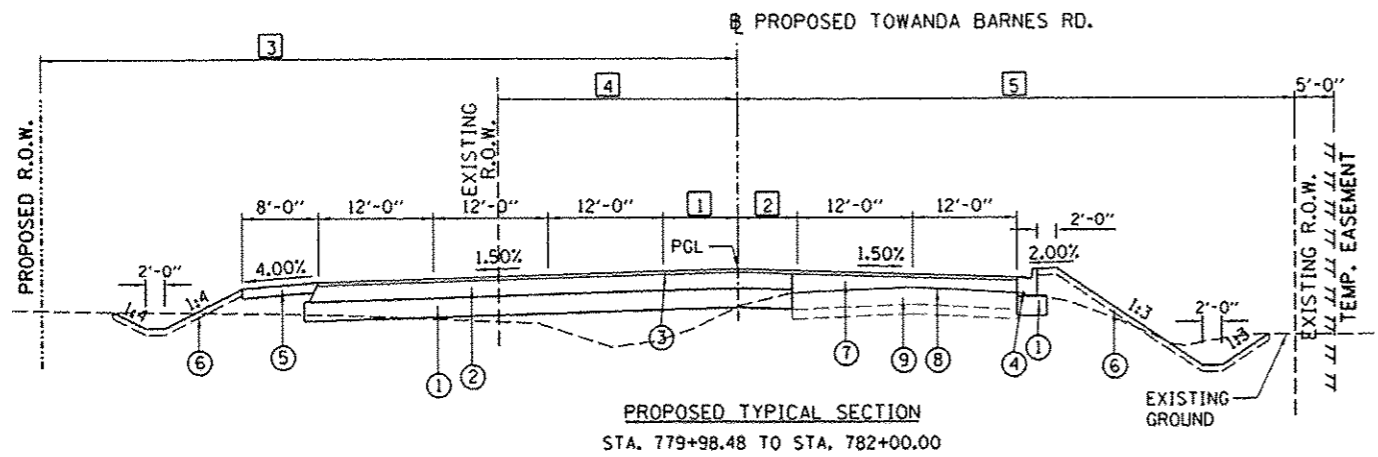
TOWANDA BARNES RD.
TYPICAL SECTIONS

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

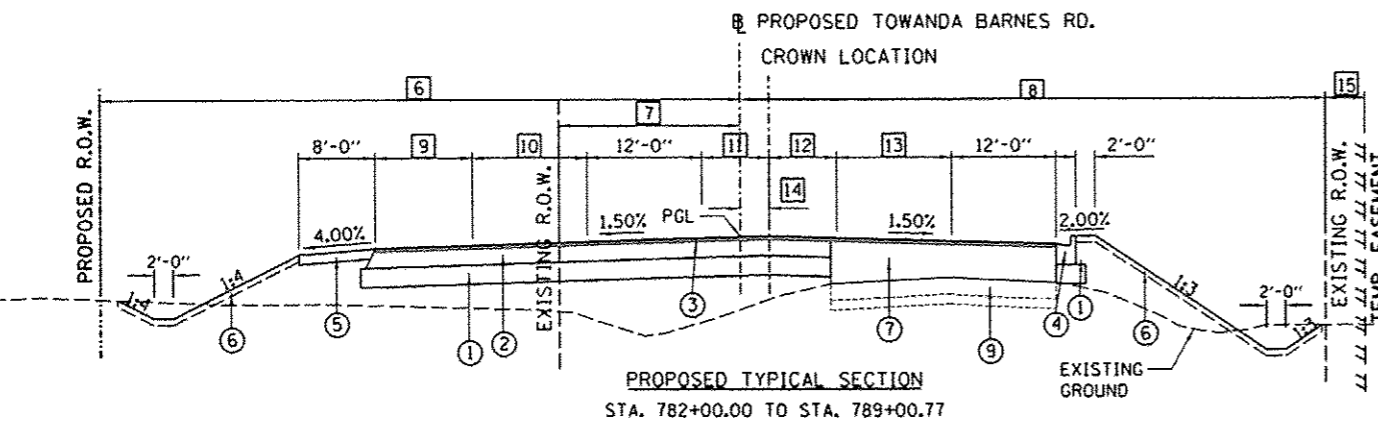
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | MCLEAN | 162 | 5 |
| FED. ROAD DIST. NO. | | ILLINOIS/FED. AID PROJECT | CONTRACT NO. 91400 | |

NOTES

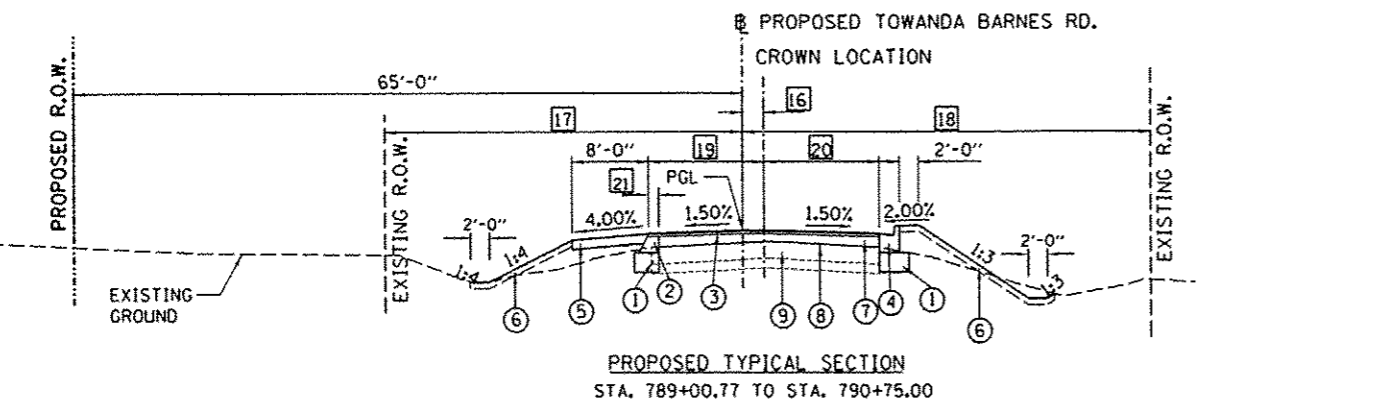
LEGEND



PROPOSED TYPICAL SECTION
STA. 779+98.48 TO STA. 782+00.00



PROPOSED TYPICAL SECTION
STA. 782+00.00 TO STA. 789+00.77



PROPOSED TYPICAL SECTION
STA. 789+00.77 TO STA. 790+75.00

- 1 MEDIAN WIDTH - LEFT
STA. 779+98.49 TO STA. 780+74.97 = TRANSITION FROM 7'-2" TO 8'-6"
STA. 780+74.97 TO STA. 782+00.00 = TRANSITION FROM 8'-6" TO 5'-0"
- 2 MEDIAN WIDTH - RIGHT
STA. 779+98.49 TO STA. 780+75.10 = TRANSITION FROM 6'-10" TO 5'-5"
STA. 780+75.10 TO STA. 782+00.00 = TRANSITION FROM 5'-5" TO 3'-3"
- 3 PROPOSED ROW - LEFT
STA. 779+98.49 TO STA. 782+00.00 = 71'-0" TO 74'-7"
- 4 EXISTING ROW - LEFT
STA. 779+98.49 TO STA. 780+17.08 = TRANSITION FROM 26'-10" TO 21'-4"
STA. 780+17.08 TO STA. 782+00.00 = TRANSITION FROM 21'-4" TO 24'-7"
- 5 EXISTING ROW - RIGHT
STA. 779+98.49 TO STA. 782+00.00 = TRANSITION FROM 59'-0" TO 55'-5"
- 6 PROPOSED ROW - LEFT
STA. 782+00.00 TO STA. 783+50.00 = TRANSITION FROM 74'-7" TO 77'-3"
STA. 783+50.00 TO STA. 784+50.00 = TRANSITION FROM 77'-3" TO 65'-0"
STA. 784+50.00 TO STA. 789+00.77 = 65'-0"
- 7 EXISTING ROW - LEFT
STA. 782+00.00 TO STA. 789+00.77 = TRANSITION FROM 24'-7" TO 36'-8"
- 8 EXISTING ROW - RIGHT
STA. 782+00.00 TO STA. 789+00.77 = TRANSITION FROM 55'-5" TO 43'-4"
- 9 TURN LANE WIDTH - LEFT
STA. 782+00.00 TO STA. 782+99.29 = 12'-0"
STA. 782+99.29 TO STA. 784+99.29 = TRANSITION FROM 12'-0" TO 0'-0"
STA. 784+99.29 TO STA. 789+00.77 = 0'-0"
- 10 LANE WIDTH - LEFT
STA. 782+00.00 TO STA. 784+38.24 = 12'-0"
STA. 784+38.24 TO STA. 789+00.77 = 12'-0"
- 11 MEDIAN WIDTH - LEFT
STA. 782+00.00 TO STA. 783+76.17 = TRANSITION FROM 5'-0" TO 0'-0"
STA. 783+76.17 TO STA. 789+00.77 = 0'-0"
- 12 MEDIAN WIDTH - RIGHT
STA. 782+00.00 TO STA. 783+76.17 = TRANSITION FROM 3'-3" TO 0'-0"
STA. 783+76.17 TO STA. 789+00.77 = 0'-0"
- 13 LANE WIDTH - RIGHT
STA. 782+00.00 TO STA. 782+92.48 = 12'-0"
STA. 782+92.48 TO STA. 788+32.27 = TRANSITION FROM 12'-0" TO 0'-0"
STA. 788+32.27 TO STA. 789+00.77 = 0'-0"
- 14 CROWN LOCATION OFFSET - RIGHT
STA. 782+00.00 TO STA. 783+00.00 = 0'-0"
STA. 783+00.00 TO STA. 788+32.27 = TRANSITION FROM 0'-0" TO 4'-3"
STA. 788+32.27 TO STA. 789+00.77 = TRANSITION FROM 4'-3" TO 3'-0"
- 15 TEMPORARY EASEMENT - RIGHT
STA. 786+68.12 TO STA. 787+04.12 = 8'-0"
- 16 CROWN LOCATION OFFSET - RIGHT
STA. 789+00.77 TO STA. 790+75.00 = TRANSITION FROM 3'-0" TO 0'-0"
- 17 EXISTING ROW - LEFT
STA. 789+00.77 TO STA. 790+75.00 = TRANSITION FROM 36'-8" TO 39'-5"
- 18 EXISTING ROW - RIGHT
STA. 789+00.77 TO STA. 790+75.00 = TRANSITION FROM 43'-4" TO 40'-7"
- 19 LANE WIDTH - LEFT
STA. 789+00.77 TO STA. 790+00.00 = 12'-0"
STA. 790+00.00 TO STA. 790+75.00 = TRANSITION FROM 12'-0" TO 11'-8"
- 20 LANE WIDTH - RIGHT
STA. 789+00.77 TO STA. 790+00.00 = 12'-0"
STA. 790+00.00 TO STA. 790+75.00 = TRANSITION FROM 12'-0" TO 12'-3"
- 21 WIDENING STUB - LEFT
STA. 789+00.77 TO STA. 790+75.00 = 4'-0"

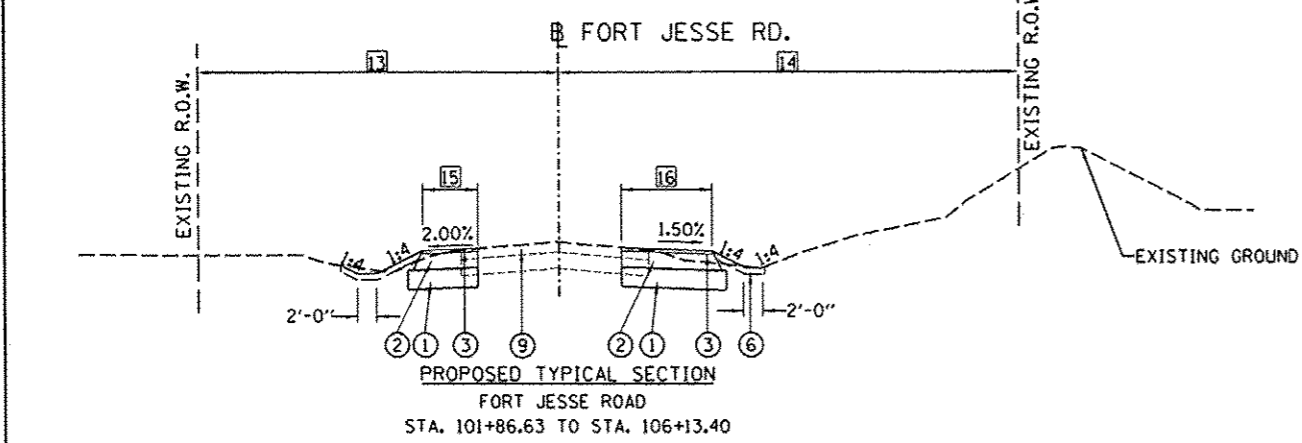
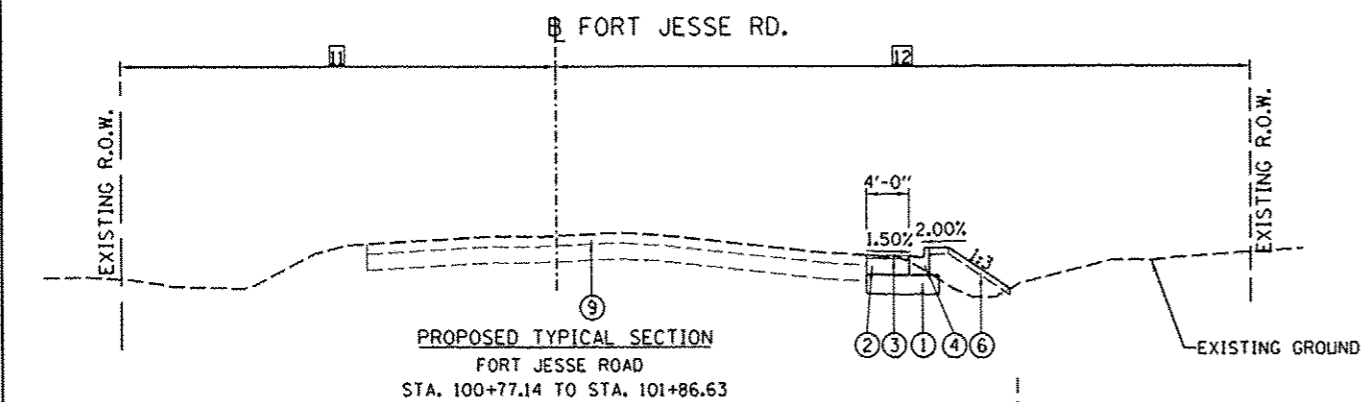
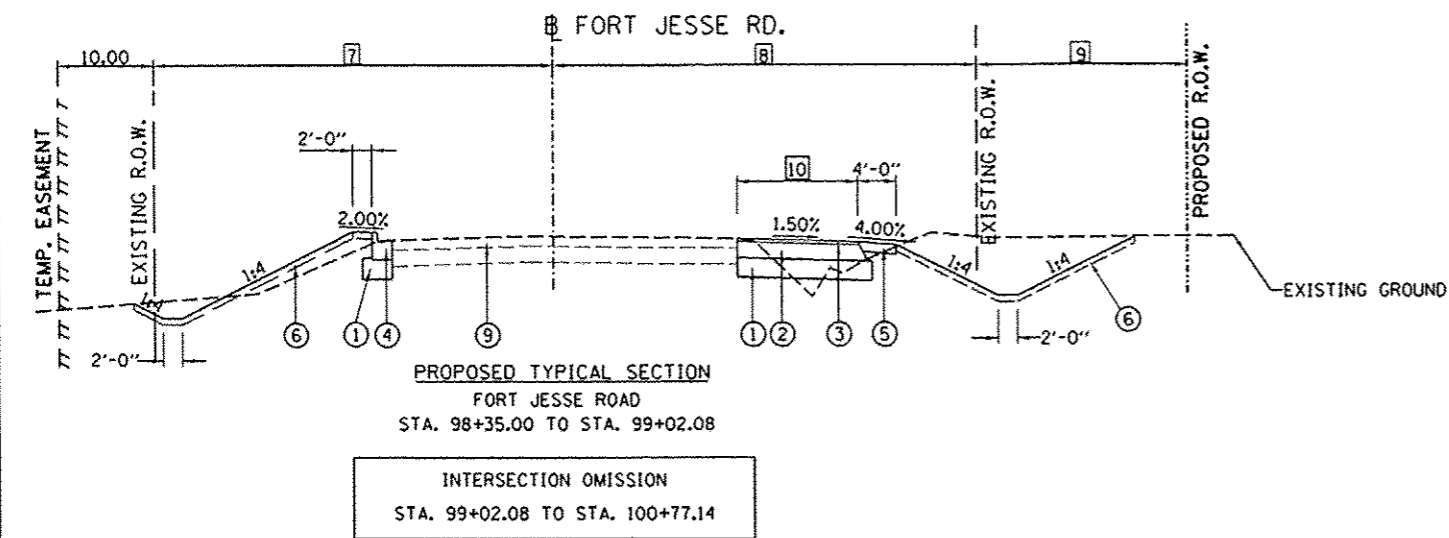
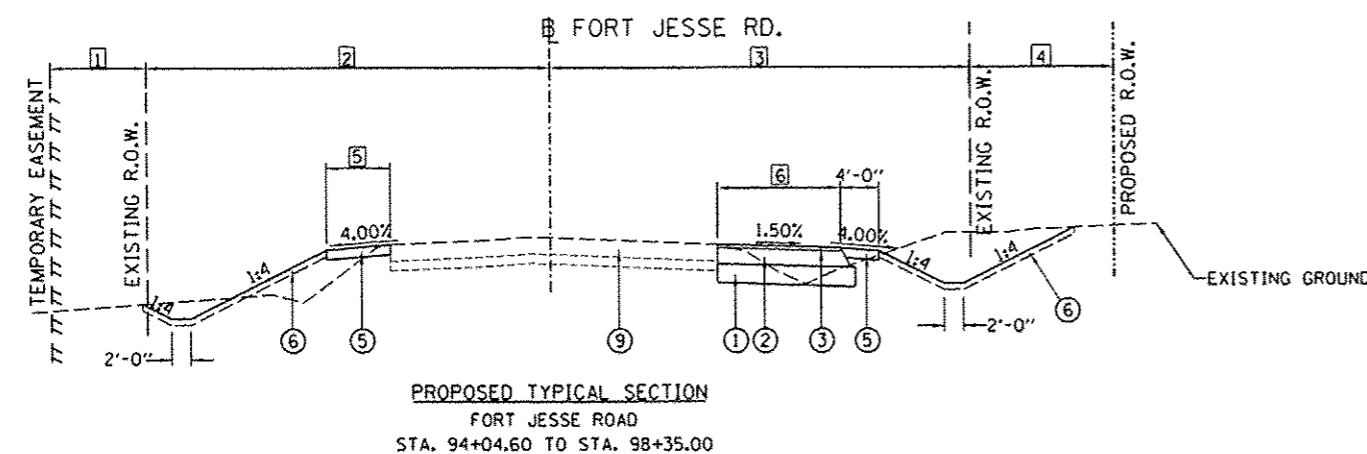
- 1 12" PROPOSED AGGREGATE BASE COURSE, TYPE B
- 2 2 1/4" PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
7 3/4" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
- 3 2" PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- 4 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- 5 PROPOSED, HOT-MIX ASPHALT SHOULDERS, 6"
- 6 4" PROPOSED TOPSOIL, EXCAVATION AND PLACEMENT
- 7 EXISTING ROADWAY PROFILE CORRECTION BASED ON TOTAL HEIGHT OF GRADE CHANGE:
1'-3" PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5 F.G. N70
3'-14" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G. N70 (2 1/4" MIN. LIFT AND 4 1/2" MAX. LIFT)
- 8 AREA REFLECTIVE CRACK CONTROL TREATMENT
- 9 EXISTING HOT-MIX ASPHALT PAVEMENT (TO REMAIN)

| | | | |
|--|-----------------------|----------------|-----------|
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| PLOT DATE = 8/7/2014 | | CHECKED - CAL | REVISED - |
| | | DATE = 6/27/14 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|---------------------|--------------|--|
| TOWANDA BARNES RD. TYPICAL SECTIONS | | | |
| SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA. | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------------|-----------|
| 6431 | 07-00113-04-FP | MCLEAN | 162 | 6 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5227049 | | | CONTRACT NO. 91400 | |



NOTES

- 1 TEMPORARY EASEMENT - LEFT
STA. 94+04.60 TO STA. 97+00.00 = 0'-0"
STA. 97+00.00 TO STA. 98+35.00 = 10'-0"
- 2 EXISTING R.O.W. - LEFT
STA. 94+04.60 TO STA. 98+35.00 = TRANSITION FROM 43'-3" TO 41'-10"
- 3 EXISTING R.O.W. - RIGHT
STA. 94+04.60 TO STA. 98+35.00 = TRANSITION FROM 42'-9" TO 44'-2"
- 4 PROPOSED R.O.W. - RIGHT
STA. 96+00.00 TO STA. 98+35.00 = TRANSITION FROM 43'-5" TO 64'-10"
- 5 SHOULDER WIDTH - LEFT
STA. 94+04.60 TO STA. 94+54.88 = TRANSITIONS FROM 3'-3" TO 8'-0"
STA. 94+54.88 TO STA. 98+35.00 = 8'-0"
- 6 WIDENING WIDTH - RIGHT
STA. 84+04.60 TO STA. 94+85.71 = 4'-0"
STA. 94+85.71 TO STA. 98+35.00 = TRANSITION FROM 4'-0" TO 12'-6"
- 7 EXISTING R.O.W. - LEFT
STA. 98+35.00 TO STA. 98+89.67 = TRANSITION FROM 41'-10" TO 41'-8"
- 8 EXISTING R.O.W. - RIGHT
STA. 98+35.00 TO STA. 99+02.06 = TRANSITION FROM 44'-2" TO 44'-4"
STA. 99+02.06 TO STA. 99+02.08 = 44'-4"
- 9 PROPOSED R.O.W. - RIGHT
STA. 98+35.00 TO STA. 99+02.08 = TRANSITION FROM 64'-10" TO 70'-9"
- 10 WIDTH - RIGHT
STA. 98+35.00 TO STA. 99+02.08 = TRANSITION FROM 12'-6" TO 13'-0"
- 11 EXISTING R.O.W. - LEFT
STA. 101+00.00 TO STA. 101+81.26 = TRANSITION FROM 43'-10" TO 43'-11"
- 12 EXISTING R.O.W. - RIGHT
STA. 101+00.00 TO STA. 101+81.26 = TRANSITION FROM 62'-7" TO 37'-5"
STA. 101+65.80 TO STA. 101+81.26 = 41'-11"
- 13 EXISTING R.O.W. - LEFT
STA. 101+81.26 TO STA. 106+60.06 = TRANSITION FROM 43'-11" TO 37'-5"
- 14 EXISTING R.O.W. - RIGHT
STA. 101+81.26 TO STA. 106+60.06 = TRANSITION FROM 41'-11" TO 48'-6"
- 15 FULL DEPTH PAVEMENT CONSTRUCTION - LEFT
STA. 101+70.08 TO STA. 101+86.63 = 0'-0"
STA. 101+86.63 TO STA. 102+75.00 = 4'-0"
STA. 102+75.00 TO STA. 106+13.40 = 5'-9"
STA. 106+13.40 TO STA. 106+30.60 = 4'-0"
STA. 106+30.60 TO STA. 106+44.69 = TRANSITIONS FROM 4'-0" TO 2'-0"
STA. 106+44.69 TO STA. 106+60.06 = 2'-0"
- 16 FULL DEPTH PAVEMENT CONSTRUCTION - RIGHT
STA. 101+70.08 TO STA. 101+86.26 = 8'-0"
STA. 101+86.26 TO STA. 102+91.78 = 4'-0"
STA. 102+91.78 TO STA. 106+13.40 = TRANSITION FROM 4'-0" TO 8'-6"
STA. 106+13.40 TO STA. 106+37.10 = TRANSITION FROM 8'-6" TO 4'-0"
STA. 106+37.10 TO STA. 106+50.06 = 4'-0"
STA. 106+50.06 TO STA. 106+60.06 = 0'-0"

LEGEND

- 1 12" PROPOSED AGGREGATE BASE COURSE, TYPE B
- 2 2 1/4" PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
7 3/4" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
- 3 2" PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- 4 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- 5 PROPOSED, HOT-MIX ASPHALT SHOULDERS, 6"
- 6 4" PROPOSED TOPSOIL, EXCAVATION AND PLACEMENT
- 7 EXISTING ROADWAY PROFILE CORRECTION BASED ON TOTAL HEIGHT OF GRADE CHANGE:
1'-3" PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5 F.G. N70
3'-14" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G. N70 (2 1/4" MIN. LIFT AND 4 1/2" MAX. LIFT)
- 8 AREA REFLECTIVE CRACK CONTROL TREATMENT
- 9 EXISTING HOT-MIX ASPHALT PAVEMENT (TO REMAIN)

| FORT JESSE ROAD | | | | |
|--|------------------------|---------|--|--|
| STRUCTURAL DESIGN TRAFFIC: | YEAR 2027 | | | |
| PV = 92% | SU = 5% | MU = 3% | | |
| ROAD/STREET CLASSIFICATION: | CLASS I | | | |
| P = 50% | S = 50% | M = 50% | | |
| TRAFFIC FACTOR: ACTUAL TF = 1.48 | AC TYPE = 20 | | | |
| MINIMUM TF = 0.25 | | | | |
| AC GRADE: Binder = SBS-PG 70-28/PG 64-22 | Surface = SBS-PG 70-28 | | | |
| SUBGRADE SUPPORT RATING: | | | | |
| SSR = POOR | (STA. _____ TO _____) | | | |
| SSR = _____ | (STA. _____ TO _____) | | | |

| | | | |
|--|---------------------|---------------|----------|
| FILE NAME: I:\07jobs\07L0842\CA000\Road\Sheet\c-50 | USER NAME: andr0846 | DESIGNED: MGD | REVISED: |
| PLOT SCALE: 20,000 / 1" = 100' | DATE: 6/27/14 | DRAWN: DLC | REVISED: |
| PLOT DATE: 8/7/2014 | | CHECKED: CAL | REVISED: |
| | | DATE: 6/27/14 | REVISED: |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | | |
|------------------------------------|-----------|-----------|------|---------|
| FORT JESSE RD. TYPICAL SECTIONS | | | | |
| SCALE: N.T.S. | SHEET NO. | OF SHEETS | STA. | TO STA. |

| | | | | |
|---------------------|----------------|--------|---------------------------|-------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | McLEAN | 162 | 7 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | M-5227(049) |
| | | | CONTRACT NO. | 91400 |

NOTES

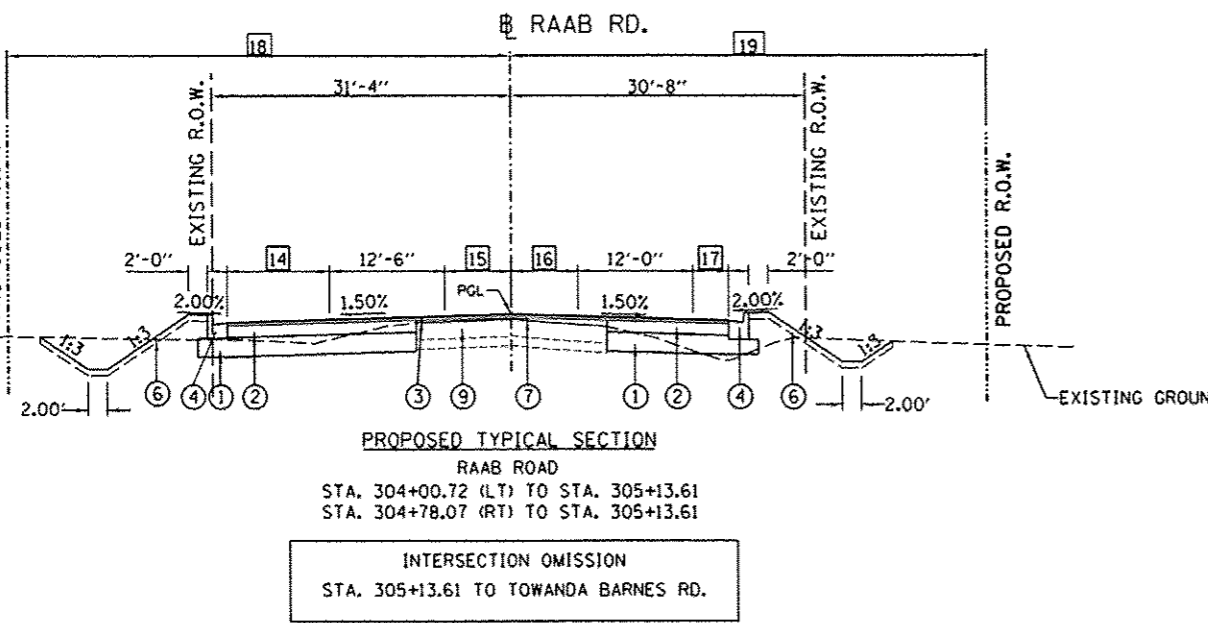
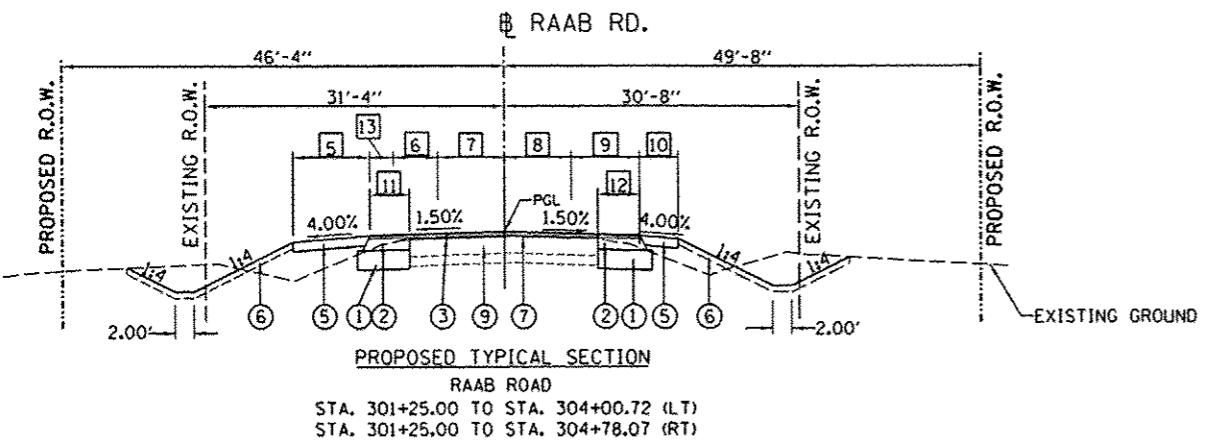
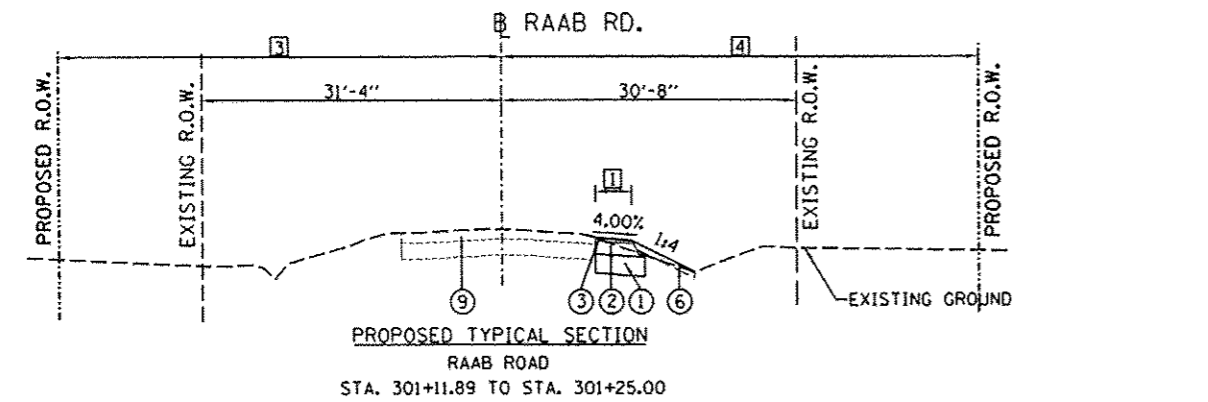
LEGEND

- 1 WIDENING WIDTH - RIGHT
STA. 301+11.88 TO STA. 301+55.00 = TRANSITION FROM 2'-0" TO 7'-0"
- 2 NO LONGER NEEDED
- 3 PROPOSED R.O.W. - LEFT
STA. 301+11.88 TO STA. 301+25.00 = 0'-0"
STA. 301+25.00 TO STA. 301+55.00 = 49'-8"
- 4 PROPOSED R.O.W. - RIGHT
STA. 301+11.88 TO STA. 301+25.00 = 0'-0"
STA. 301+25.00 TO STA. 301+55.00 = 46'-4"
- 5 SHOULDER WIDTH - LEFT
STA. 301+55.00 TO STA. 301+75.15 = TRANSITION FROM 2'-7" TO 6'-0"
STA. 301+75.15 TO STA. 303+38.51 = 6'-0"
STA. 303+38.51 TO STA. 304+00.89 = TRANSITION FROM 6'-0" TO 1'-11"
- 6 LANE WIDTH - LEFT
STA. 301+55.00 TO STA. 302+15.26 = TRANSITION FROM 10'-5" TO 12'-6"
STA. 302+15.26 TO STA. 304+00.89 = 12'-6"
- 7 MEDIAN WIDTH - LEFT
STA. 301+55.00 TO STA. 302+35.26 = 0'-0"
STA. 302+35.26 TO STA. 304+00.89 = TRANSITION FROM 0'-0" TO 4'-2"
- 8 MEDIAN WIDTH - RIGHT
STA. 301+55.00 TO STA. 302+35.26 = 0'-0"
STA. 302+35.26 TO STA. 303+40.31 = 2'-7"
STA. 303+40.31 TO STA. 304+78.25 = TRANSITION FROM 2'-7" TO 6'-7"
- 9 LANE WIDTH - RIGHT
STA. 301+55.00 TO STA. 302+35.26 = TRANSITION FROM 9'-9" TO 12'-6"
STA. 302+35.26 TO STA. 304+78.25 = 12'-6"
- 10 SHOULDER WIDTH - RIGHT
STA. 301+55.00 TO STA. 302+15.41 = TRANSITION FROM 7'-0" TO 4'-0"
STA. 302+15.41 TO STA. 304+46.22 = 4'-0"
STA. 304+46.22 TO STA. 304+78.25 = TRANSITION FROM 4'-0" TO 1'-11"
- 11 WIDENING WIDTH - LEFT
STA. 301+55.00 TO STA. 303+40.31 = 4'-0"
STA. 303+40.31 TO STA. 304+00.89 = TRANSITION FROM 4'-0" TO 10'-10"
- 12 WIDENING WIDTH - RIGHT
STA. 301+55.00 TO STA. 304+46.22 = 4'-0"
STA. 304+46.22 TO STA. 304+00.89 = TRANSITION FROM 4'-0" TO 10'-8"
- 13 STRIPED OUT WIDTH - LEFT
STA. 301+55.00 TO STA. 303+38.51 = 0'-0"
STA. 303+38.51 TO STA. 304+00.89 = TRANSITION FROM 0'-0" TO 4'-1"
- 14 STRIPED OUT WIDTH - LEFT
STA. 304+00.89 TO STA. 305+13.61 = TRANSITION FROM 4'-1" TO 12'-0"
- 15 LANE WIDTH - LEFT
STA. 304+00.89 TO STA. 304+95.26 = TRANSITION FROM 4'-2" TO 6'-6"
STA. 304+95.26 TO STA. 305+13.61 = 6'-6"
- 16 LANE WIDTH - RIGHT
STA. 303+38.51 TO STA. 304+95.26 = TRANSITION FROM 6'-7" TO 7'-0"
STA. 304+95.26 TO STA. 305+13.61 = 7'-0"
- 17 STRIPED OUT WIDTH - RIGHT
STA. 303+38.51 TO STA. 304+46.22 = 0'-0"
STA. 304+46.22 TO STA. 305+13.61 = TRANSITION FROM 0'-0" TO 4'-10"
- 18 PROPOSED R.O.W. - LEFT
STA. 303+38.51 TO STA. 304+25.00 = 46'-4"
STA. 304+25.00 TO STA. 305+13.61 = TRANSITION FROM 46'-4" TO 50'-4"
- 19 PROPOSED R.O.W. - RIGHT
STA. 304+46.22 TO STA. 304+53.31 = 49'-8"
STA. 304+53.31 TO STA. 305+13.61 = SEE PLAN & PROFILE SHEETS

- 1 12" PROPOSED AGGREGATE BASE COURSE, TYPE B
- 2 2 1/4" PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
7 3/4" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G., N70
- 3 2" PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- 4 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- 5 PROPOSED, HOT-MIX ASPHALT SHOULDERS, 6"
- 6 4" PROPOSED TOPSOIL, EXCAVATION AND PLACEMENT
- 7 EXISTING ROADWAY PROFILE CORRECTION BASED ON TOTAL HEIGHT OF GRADE CHANGE:

1'-3" PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5 F.G. N70

3'-14" PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 F.G. N70 (2 1/4" MIN. LIFT AND 4 1/2" MAX. LIFT)
- 8 AREA REFLECTIVE CRACK CONTROL TREATMENT
- 9 EXISTING HOT-MIX ASPHALT PAVEMENT (TO REMAIN)



| RAAB ROAD | |
|---|-----------------------|
| STRUCTURAL DESIGN TRAFFIC: | YEAR 2027 |
| PV = 92% | SU = 5% MU = 3% |
| ROAD/STREET CLASSIFICATION: | CLASS I |
| P = 50% | S = 50% M = 50% |
| TRAFFIC FACTOR: ACTUAL TF = 0.72 | AC TYPE = 20 |
| MINIMUM TF = 0.25 | |
| AC GRADE: Binder= SBS-PG 70-28/PG 64-22 | Surface= SBS-PG 70-28 |
| SUBGRADE SUPPORT RATING: | |
| SSR = POOR | (STA. _____ TO _____) |
| SSR = _____ | (STA. _____ TO _____) |

| PIPE CULVERT REMOVAL SCHEDULE | | | | | | PIPE CULVERT REMOVAL FOOT |
|-------------------------------|--------|-------|-------------|--------|-------|---------------------------|
| LOCATION | | | | | | |
| BEGIN STATION | OFFSET | LT/RT | END STATION | OFFSET | LT/RT | |
| 719+75.03 | 32.41 | RT | 719+74.68 | 43.66 | RT | 12 |
| 720+74.89 | 33.45 | RT | 720+74.91 | 43.61 | RT | 11 |
| 721+49.76 | 33.45 | RT | 721+49.72 | 43.78 | RT | 11 |
| 722+50.18 | 33.34 | RT | 722+50.24 | 42.96 | RT | 10 |
| 723+48.80 | 33.37 | RT | 723+48.99 | 44.35 | RT | 12 |
| 725+73.54 | 75.11 | RT | 725+82.23 | 72.09 | RT | 10 |
| 727+48.87 | 42.11 | RT | 727+51.23 | 51.82 | LT | 94 |
| 733+92.59 | 51.32 | RT | 733+93.00 | 28.91 | LT | 80 |
| 738+53.04 | 47.97 | LT | 738+80.62 | 47.69 | LT | 28 |
| 741+09.16 | 52.77 | LT | 741+51.89 | 53.62 | LT | 43 |
| 752+42.06 | 9.2 | LT | 752+62.53 | 9.9 | LT | 21 |
| 766+69.79 | 12.24 | LT | 766+91.59 | 12.59 | LT | 22 |
| 778+77.81 | 46.87 | RT | 779+37.19 | 46.72 | RT | 60 |
| 778+80.63 | 11.66 | LT | 779+32.83 | 12.22 | LT | 53 |
| 781+19.47 | 5.38 | LT | 781+19.84 | 38.92 | RT | 45 |
| 97+79.14 | 28.77 | RT | 98+19.75 | 29.32 | RT | 41 |
| 97+79.17 | 28.37 | LT | 98+17.86 | 32.21 | LT | 39 |
| 98+49.08 | 30.65 | LT | 98+49.92 | 26.94 | RT | 58 |
| 102+14.54 | 35.84 | LT | 102+92.44 | 33.47 | LT | 78 |
| 305+97.00 | 22.16 | RT | 306+23.38 | 21.84 | RT | 27 |
| TOTAL | | | | | | 755 |

| RIPRAP SCHEDULE | | | | | | |
|-----------------|-------------|-------|------------------------|------------------------|------------------------|---------------|
| LOCATION | | | STONE RIPRAP, CLASS A3 | STONE RIPRAP, CLASS A4 | STONE RIPRAP, CLASS A6 | FILTER FABRIC |
| BEGIN STATION | END STATION | LT/RT | SQ YD | SQ YD | SQ YD | SQ YD |
| 304+99.90 | 305+03.65 | RT | 18 | | | 18 |
| 744+78.87 | 744+99.61 | LT | | 58 | | 58 |
| 745+22.00 | 745+28.00 | RT | 21 | | | 21 |
| 745+43.31 | 745+67.76 | RT | | | 199 | 199 |
| 776+22.50 | 776+26.13 | LT | 25 | | | 25 |
| 777+98.13 | 778+01.87 | LT | 16 | | | 16 |
| TOTAL | | | 80 | 58 | 199 | 337 |

| PIPE CULVERT AND END SECTION SCHEDULE | | | | |
|---------------------------------------|-------------|-------|------------------------------------|------------------------|
| LOCATION | | | PIPE CULVERT, CLASS C, TYPE 1, 18" | STEEL END SECTIONS 18" |
| BEGIN STATION | END STATION | LT/RT | FOOT | EACH |
| 738+46.41 | 738+82.41 | RT | 36 | 2 |
| 740+09.23 | 741+45.31 | RT | 36 | |
| 752+12.27 | 752+39.32 | LT | 27 | |
| 766+67.61 | 766+93.61 | LT | 26 | |
| 776+25.17 | 778+75.00 | RT | 50 | |
| 786+73.56 | 788+98.30 | RT | 25 | |
| 97+79.75 | 98+17.86 | LT | 39 | |
| 97+81.10 | 98+21.66 | RT | 41 | |
| 102+17.83 | 102+92.51 | LT | 75 | 2 |
| 304+52.36 | 304+78.94 | LT | 27 | 2 |
| TOTAL | | | 382 | 6 |

| DRIVEWAY SCHEDULE | | | | | | |
|------------------------------|-------------|-------------------------------|--------------------------------------|----------------------------------|--------------------------------|-----|
| LOCATION | | AGGREGATE BASE COURSE, TYPE B | INCIDENTAL HOT-MIX ASPHALT SURFACING | AGGREGATE SURFACE COURSE, TYPE B | AGGREGATE FOR TEMPORARY ACCESS | |
| BEGIN STATION | END STATION | TON | TON | TON | TON | |
| TOWANDA BARNES ROAD | | | | | | |
| 717+00.00 | 725+00.00 | 0 | 0 | 0 | | |
| FORT JESSE ROAD INTERSECTION | | | | | | |
| 727+00.00 | 778+00.00 | 83 | 38 | 189 | | |
| RAAB ROAD INTERSECTION | | | | | | |
| 780+00.00 | 792+75.00 | 4 | 1 | 24 | | |
| FORT JESSE ROAD | | | | | | |
| 94+04.60 | 99+00.00 | 10 | 3 | 48 | | |
| 101+00.00 | 106+60.06 | 69 | 35 | 0 | | |
| RAAB ROAD | | | | | | |
| 301+11.88 | 306+00.00 | 31 | 16 | 0 | | |
| FROM STAGING PLANS | | | | | | 188 |
| TOTAL | | 201 | 95 | 285 | 188 | |

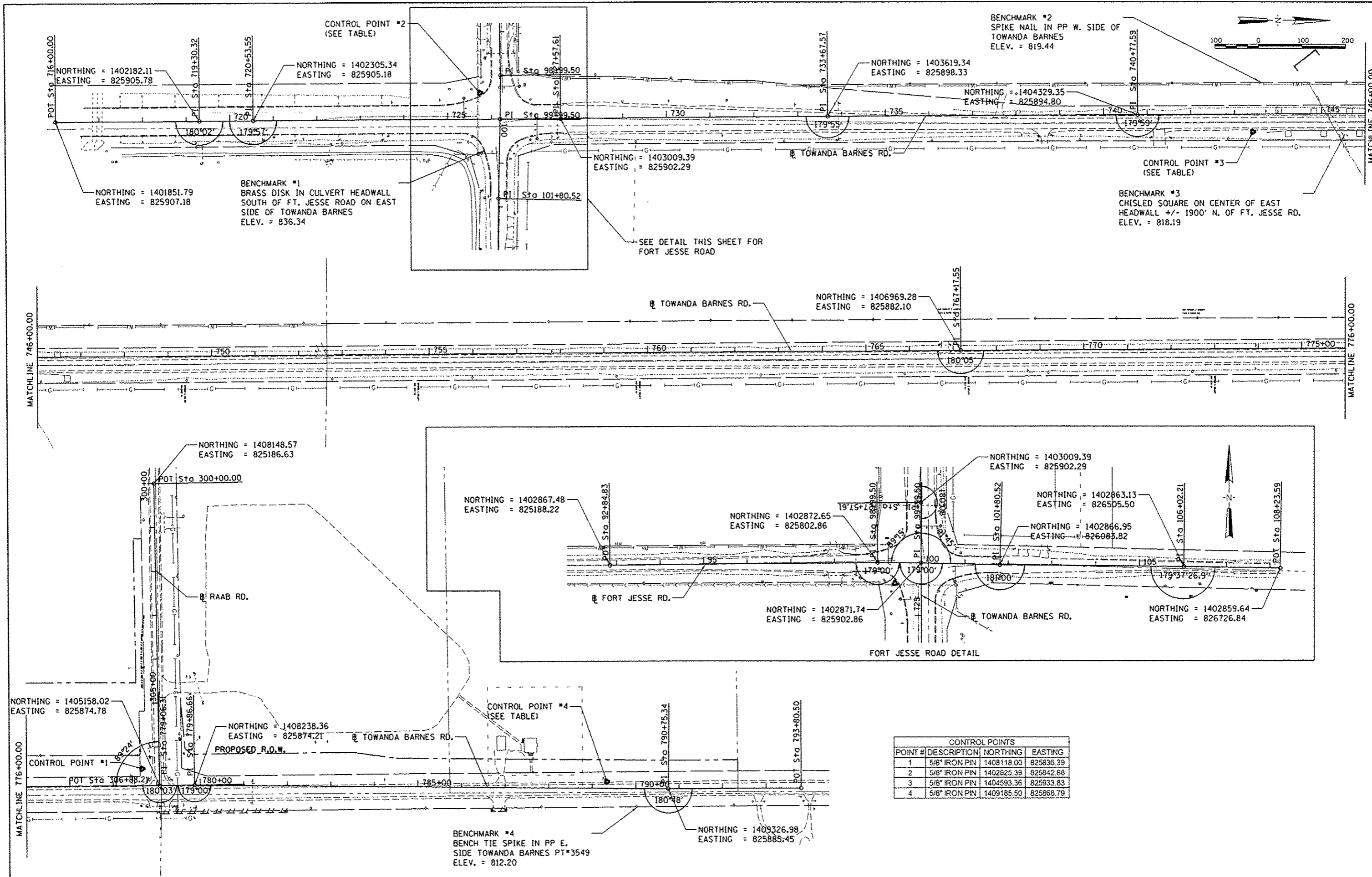
| EROSION CONTROL SCHEDULE | | | |
|------------------------------|-------------|--------------------------------|--|
| LOCATION | | PERIMETER EROSION BARRIER FOOT | TEMPORARY EROSION CONTROL SEEDING POUNDS |
| BEGIN STATION | END STATION | | |
| TOWANDA BARNES ROAD | | | |
| 717+00.00 | 725+00.00 | 0 | 28 |
| FORT JESSE ROAD INTERSECTION | | | |
| 727+00.00 | 778+00.00 | 741 | 711 |
| RAAB ROAD INTERSECTION | | | |
| 780+00.00 | 792+75.00 | 0 | 115 |
| FORT JESSE ROAD | | | |
| 94+04.60 | 99+00.00 | 0 | 34 |
| 101+00.00 | 106+60.06 | 0 | 27 |
| RAAB ROAD | | | |
| 301+11.88 | 306+00.00 | 0 | 28 |
| TOTAL | | 741 | 1103 |

| PAVEMENT AND CURB & GUTTER SCHEDULE | | | | | | | | | | | | | |
|-------------------------------------|-------------|------------------------------------|------------------------------------|--|--|--|--|-----------------------------------|---|---|-----------------|--------------------------|------|
| LOCATION | | SUB-BASE GRANULAR MATERIAL, TYPE A | SUB-BASE GRANULAR MATERIAL, TYPE B | LEVELING BINDER (MACHINE METHOD), IL 9.5 FG, N70 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N70 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N70 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 | BITUMINOUS MATERIALS (PRIME COAT) | POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 | PROTECTIVE COAT | MATERIAL TRANSFER DEVICE | |
| BEGIN STATION | END STATION | TON | TON | TON | TON | TON | TON | POUND | POUND | FOOT | SQ YD | TON | |
| TOWANDA BARNES ROAD | | | | | | | | | | | | | |
| 717+00.00 | 725+00.00 | 571 | 0 | 0 | 286 | 83 | 74 | 1434 | 430 | 573 | 159 | 157 | |
| FORT JESSE ROAD INTERSECTION | | | | | | | | | | | | | |
| 727+00.00 | 778+00.00 | 21139 | 0 | 832 | 13482 | 3583 | 4091 | 61770 | 24591 | 10077 | 2799 | 7674 | |
| RAAB ROAD INTERSECTION | | | | | | | | | | | | | |
| 780+00.00 | 792+75.00 | 2169 | 0 | 15 | 3102 | 365 | 655 | 6295 | 4350 | 1082 | 301 | 1020 | |
| FORT JESSE ROAD | | | | | | | | | | | | | |
| 94+04.60 | 99+00.00 | 510 | 0 | 0 | 233 | 68 | 60 | 1335 | 400 | 0 | 1 | 128 | |
| 101+00.00 | 106+60.06 | 399 | 0 | 0 | 254 | 88 | 62 | 1510 | 452 | 0 | 1 | 150 | |
| RAAB ROAD | | | | | | | | | | | | | |
| 301+11.88 | 306+00.00 | 1939 | 0 | 31 | 341 | 99 | 183 | 5967 | 2323 | 273 | 40 | 282 | |
| CONTINGENCY | | | | | | | | | | | | | 1000 |
| TOTAL | | 26900 | 1000 | 678 | 18663 | 4552 | 5567 | 78474 | 33893 | 12886 | 3564 | 10119 | |

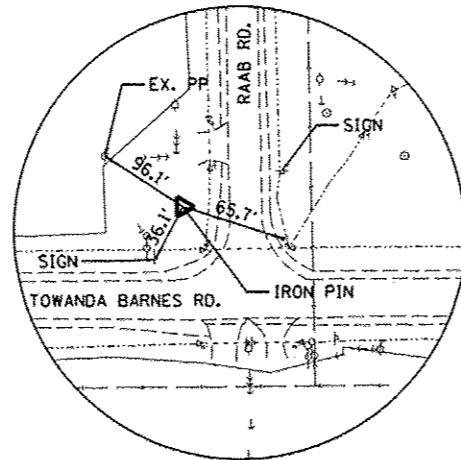
| PAVEMENT MARKING SCHEDULE | | | | | | | | | | | |
|------------------------------|-------------|---|--|--|---|---|---|--------------------------------|--------------------------------|---------------------------------|---------------------------------|
| LOCATION | | THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS | THERMOPLASTIC PAVEMENT MARKING-LINE 4" | THERMOPLASTIC PAVEMENT MARKING-LINE 8" | THERMOPLASTIC PAVEMENT MARKING-LINE 12" | THERMOPLASTIC PAVEMENT MARKING-LINE 24" | PAINT PAVEMENT MARKINGS - LETTERS AND SYMBOLS | PAINT PAVEMENT MARKING-LINE 4" | PAINT PAVEMENT MARKING-LINE 8" | PAINT PAVEMENT MARKING-LINE 12" | PAINT PAVEMENT MARKING-LINE 24" |
| BEGIN STATION | END STATION | SQ FT | FOOT | FOOT | FOOT | FOOT | SQ FT | FOOT | FOOT | FOOT | FOOT |
| TOWANDA BARNES ROAD | | | | | | | | | | | |
| 717+00.00 | 725+00.00 | 156 | 1146 | 824 | 92 | 0 | 0 | 307 | 0 | 0 | 0 |
| FORT JESSE ROAD INTERSECTION | | | | | | | | | | | |
| 727+00.00 | 778+00.00 | 62 | 569 | 128 | 0 | 117 | 47 | 148 | 77 | 0 | 82 |
| RAAB ROAD INTERSECTION | | | | | | | | | | | |
| 780+00.00 | 792+75.00 | 31 | 409 | 244 | 130 | 66 | 31 | 321 | 522 | 202 | 32 |
| FORT JESSE ROAD | | | | | | | | | | | |
| 94+04.60 | 99+00.00 | 0 | 0 | 0 | 0 | 0 | 109 | 2236 | 553 | 0 | 0 |
| 101+00.00 | 106+60.06 | 0 | 0 | 0 | 0 | 0 | 47 | 2351 | 274 | 0 | 0 |
| RAAB ROAD | | | | | | | | | | | |
| 301+11.88 | 306+00.00 | 0 | 0 | 0 | 0 | 0 | 62 | 2026 | 309 | 122 | 0 |
| TOTAL | | 484 | 5040 | 2076 | 406 | 203 | 298 | 23107 | 2012 | 460 | 114 |

Table with columns: NO, ROADWAY, STATION, OFFSET (LT, RT), STRUCTURE TYPE, RIM ELEV, INVERT NORTH, INVERT SOUTH, INVERT EAST, INVERT WEST. Rows S100 to S174.

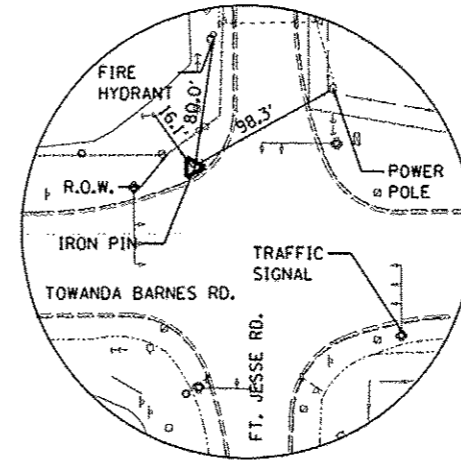
Table with columns: NO, ROADWAY, STATION, OFFSET (LT, RT), STRUCTURE TYPE, RIM ELEV, INVERT NORTH, INVERT SOUTH, INVERT EAST, INVERT WEST. Rows S175 to S251. Includes note: **S251 NOTE: FIELD LOCATE EXISTING 12 INCH FIELD TILE AND PLACE STRUCTURE OVER TILE. TIE TILES INTO STRUCTURE AND GRADE SURFACE TO DRAIN.



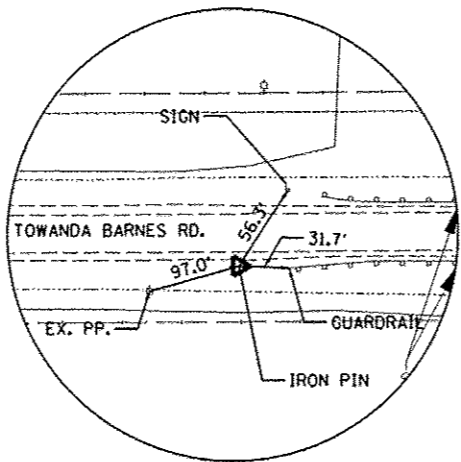
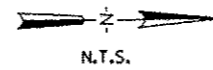
| CONTROL POINTS | | | |
|----------------|---------------|------------|-----------|
| POINT # | DESCRIPTION | NORTHING | EASTING |
| 1 | 5/8" IRON PIN | 1408118.00 | 825836.39 |
| 2 | 5/8" IRON PIN | 1402025.39 | 825842.88 |
| 3 | 5/8" IRON PIN | 1404593.35 | 825933.83 |
| 4 | 5/8" IRON PIN | 1409185.50 | 825868.79 |



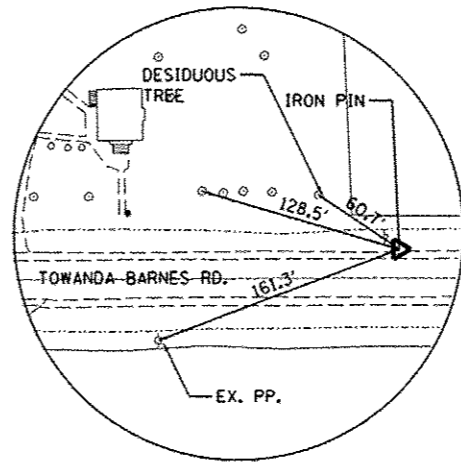
CONTROL POINT #1
5/8" IRON ROD



CONTROL POINT #2
5/8" IRON ROD





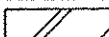
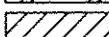
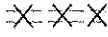

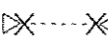


CONTROL POINT #3
5/8" IRON ROD



CONTROL POINT #4
5/8" IRON ROD

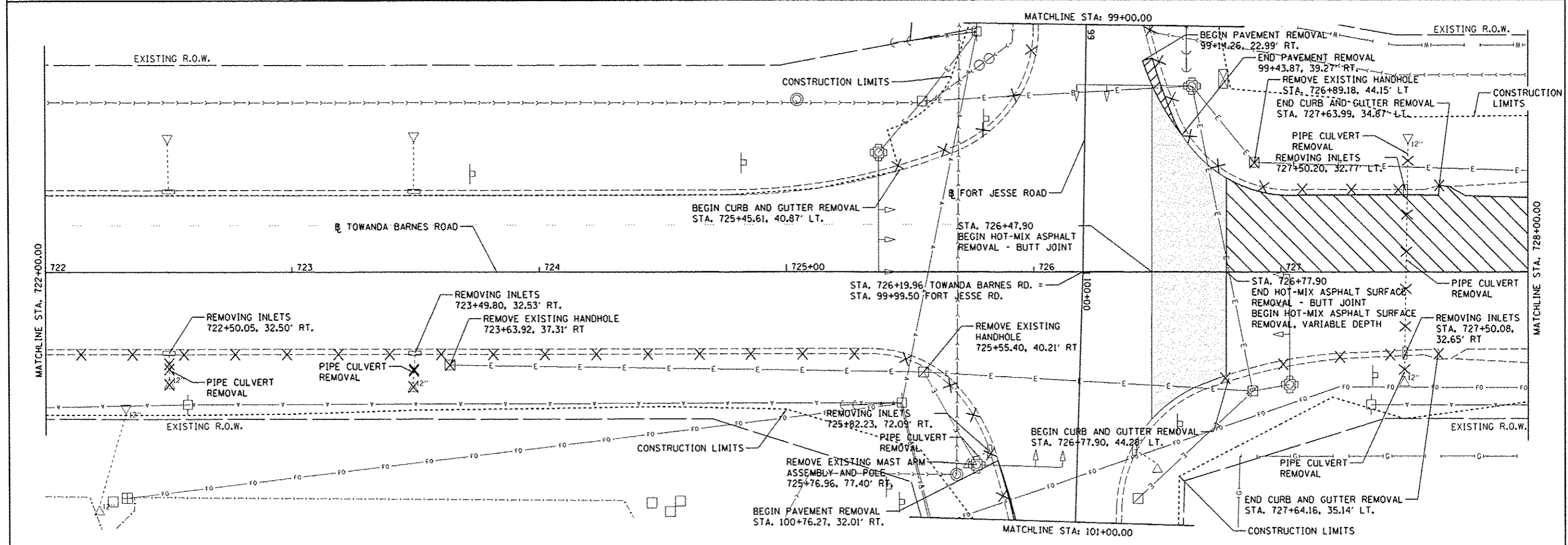
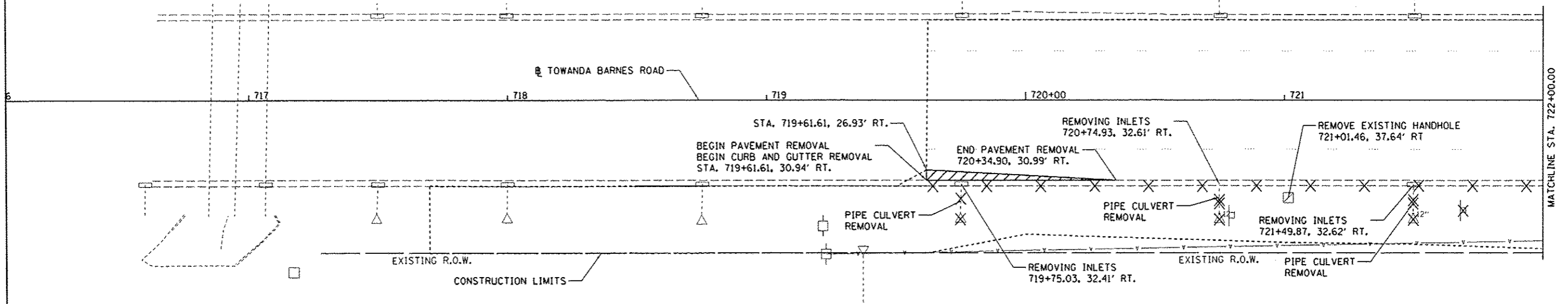
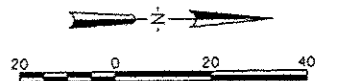
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| FILE NAME : I:\07jobs\07L0042\CADD\Road\Sheet\c-102\c-102.dgn | USER NAME : andr00846 | DESIGNED - MGD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ALIGNMENTS, BENCHMARKS AND TIES PLAN | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE : 200,000' / in. | DRAWN - DLC | REVISED - | | | 6431 | 07-00113-04-FP | McLEAN | 162 | 16 |
| | PLOT DATE : 8/7/2014 | CHECKED - CAL | REVISED - | | | CONTRACT NO. 91400 | | | | |
| | DATE - 6/27/14 | REVISED - | | SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5227(049) | | | |

LEGEND

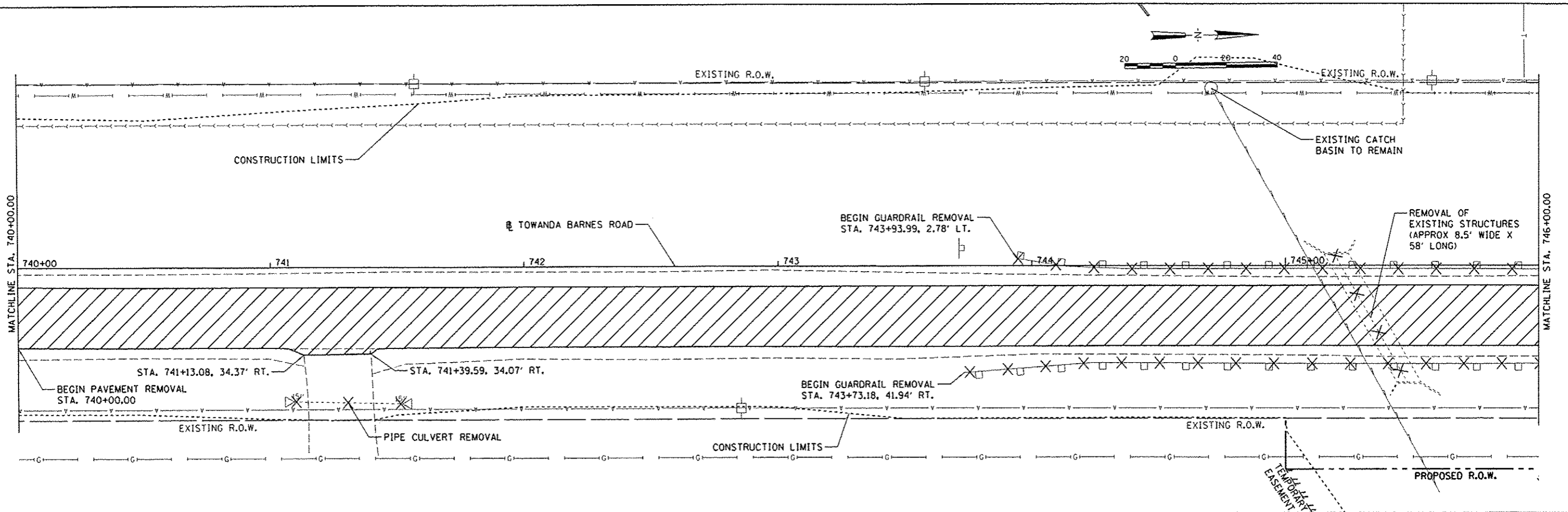
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
-  ENTRANCE REMOVAL
-  PAVEMENT REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  GUARDRAIL REMOVAL
-  CULVERT REMOVAL
-  REMOVING INLETS
-  REMOVE EXISTING HANDHOLE

EXISTING R.O.W.

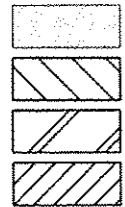
EXISTING R.O.W.



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| PLOT SCALE : 40,0000' / in. | | | | | SCALE: 1"=20' | | SHEET NO. OF SHEETS | | CONTRACT NO. 91400 | | |
| PLOT DATE : 8/7/2014 | | | | | DATE : 6/27/14 | | STA. TO STA. | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT W-52270491 | | |

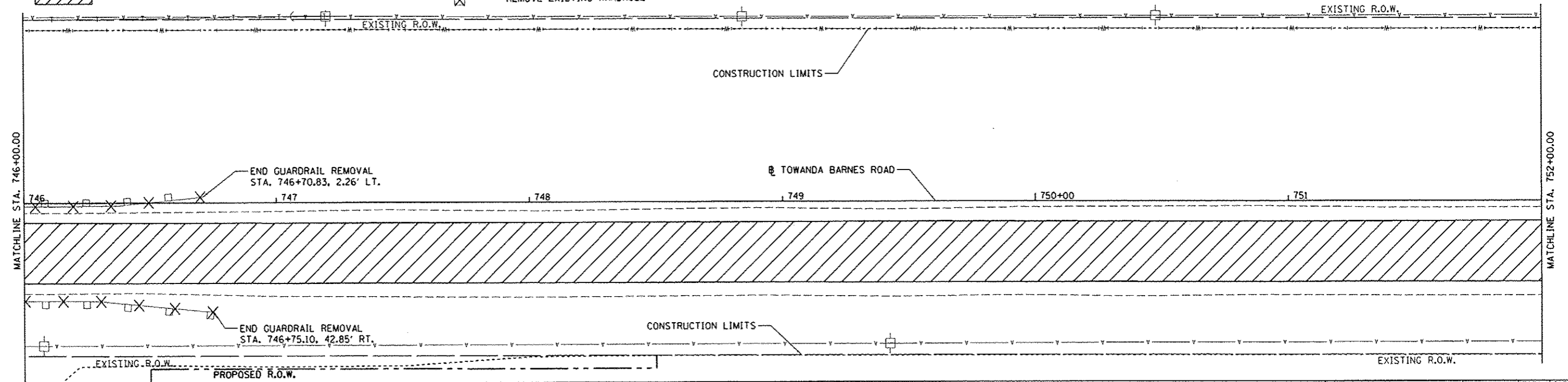


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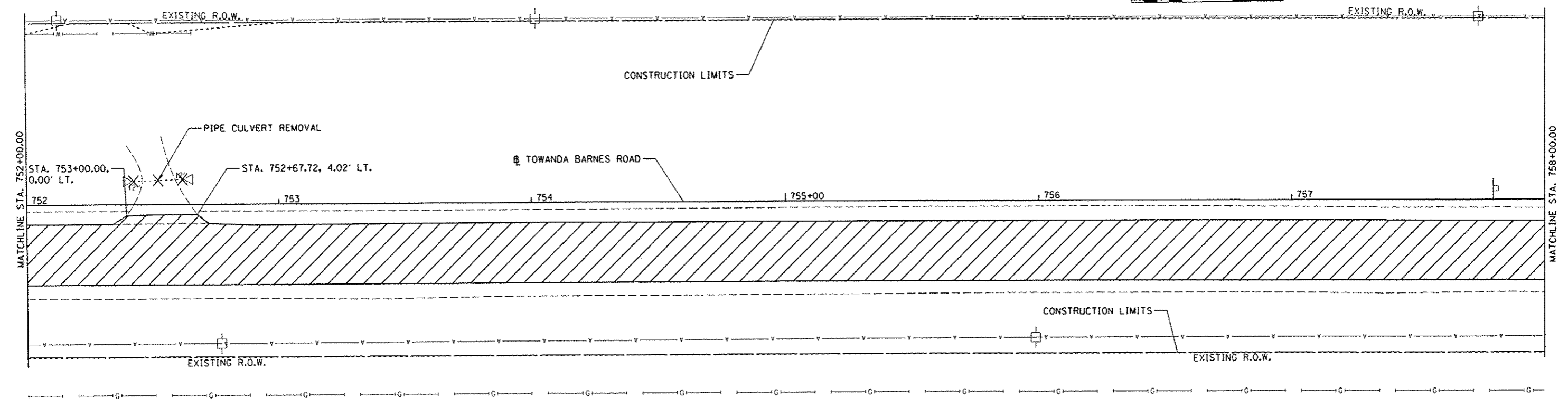
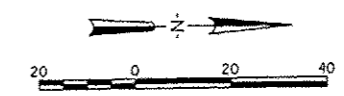


HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 ENTRANCE REMOVAL
 PAVEMENT REMOVAL

—X—X—X: COMBINATION CURB AND GUTTER REMOVAL
 □X□X: GUARDRAIL REMOVAL
 □X---X□: CULVERT REMOVAL
 ⊗: REMOVING INLETS
 ⊠: REMOVE EXISTING HANDHOLE

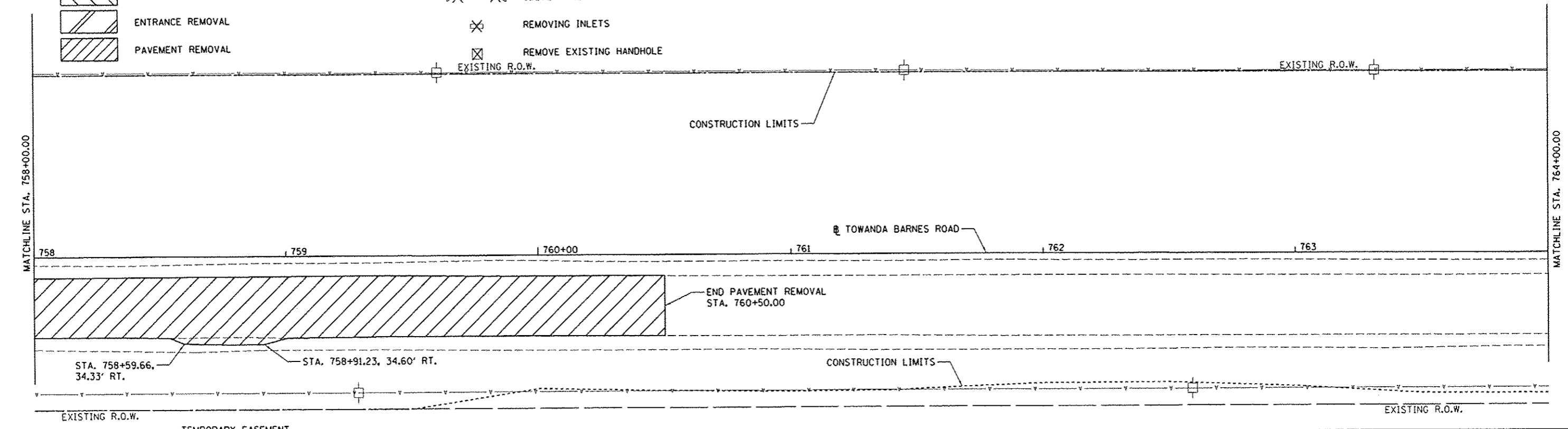


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| | PLOT SCALE = 40.0000 1/ in. | CHECKED - CAL | REVISED - | | | | | 6431 | 07-00113-04-FP | McLEAN | 162 | 19 |
| PLOT DATE = 6/7/2014 | DATE - 6/27/14 | REVISED - | REVISED - | SCALE: 1"=20' | | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | CONTRACT NO. 91400 | | |

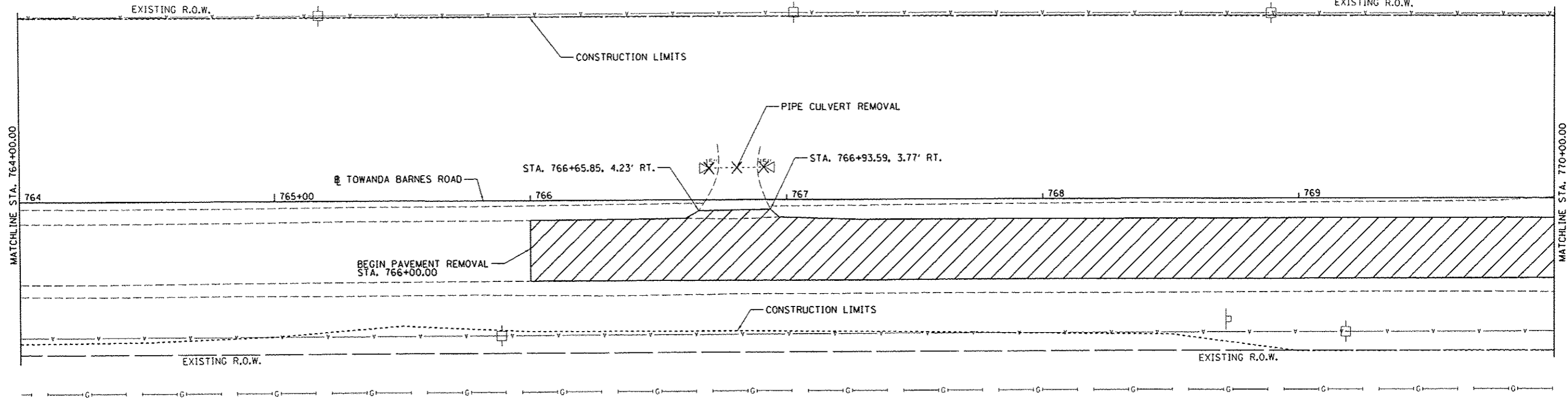
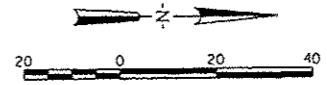


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ENTRANCE REMOVAL
- PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- REMOVING INLETS
- REMOVE EXISTING HANDHOLE



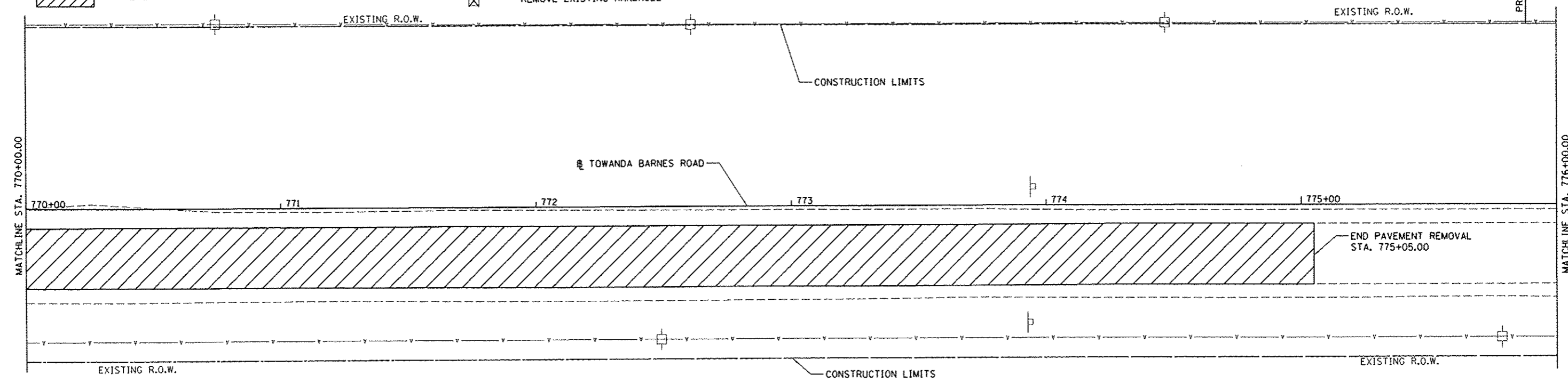
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| FILE NAME | USER NAME | DRAWN - DLC | REVISED - | | SCALE: 1"=20' | SHEET NO. | OF | SHEETS | STA. | TO STA. | 6431 | 07-00113-04-FP | McLEAN | 162 | 20 |
| 1:\07\jobs\07L0042\ROAD\Road\Sheet\c-104.dgn | ander00846 | CHECKED - CAL | REVISED - | | | | | | | | CONTRACT NO. 91400 | | | | |
| | | DATE - 6/27/14 | REVISED - | | | | | | | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-5227(04)91 | | | | |



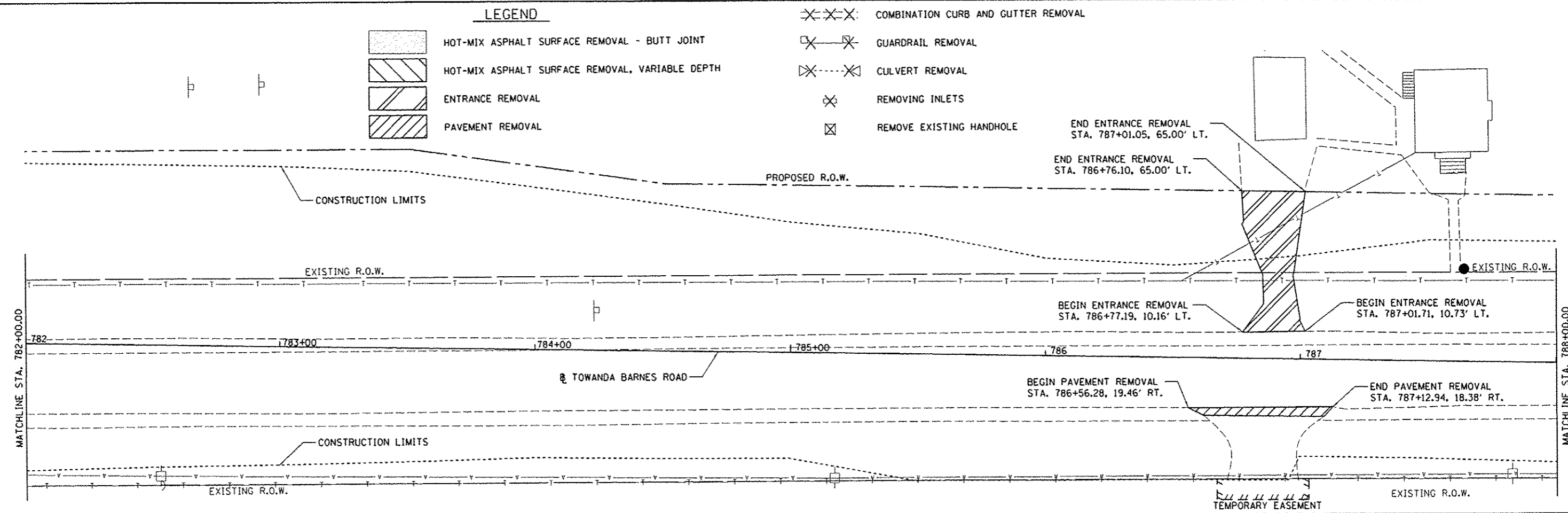
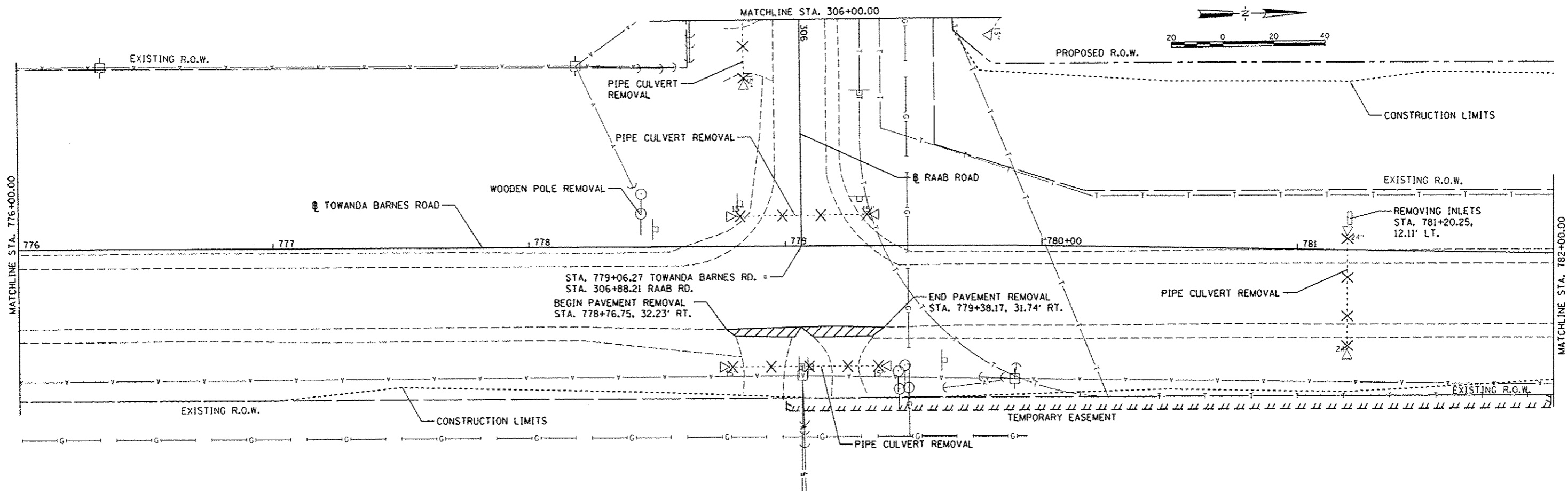
LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ENTRANCE REMOVAL
- PAVEMENT REMOVAL

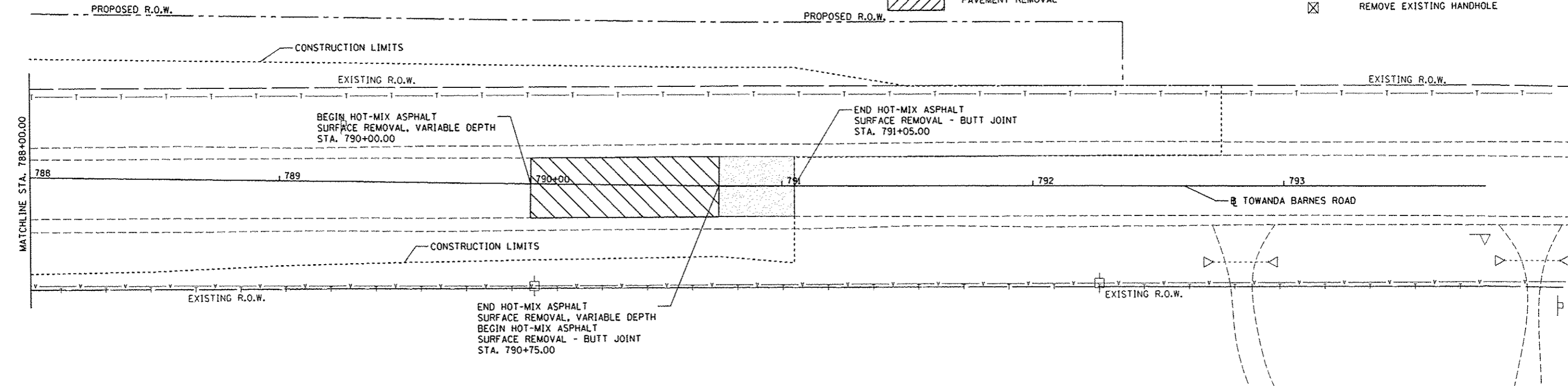
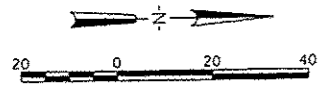
- COMBINATION CURB AND GUTTER REMOVAL
- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- REMOVING INLETS
- REMOVE EXISTING HANDHOLE



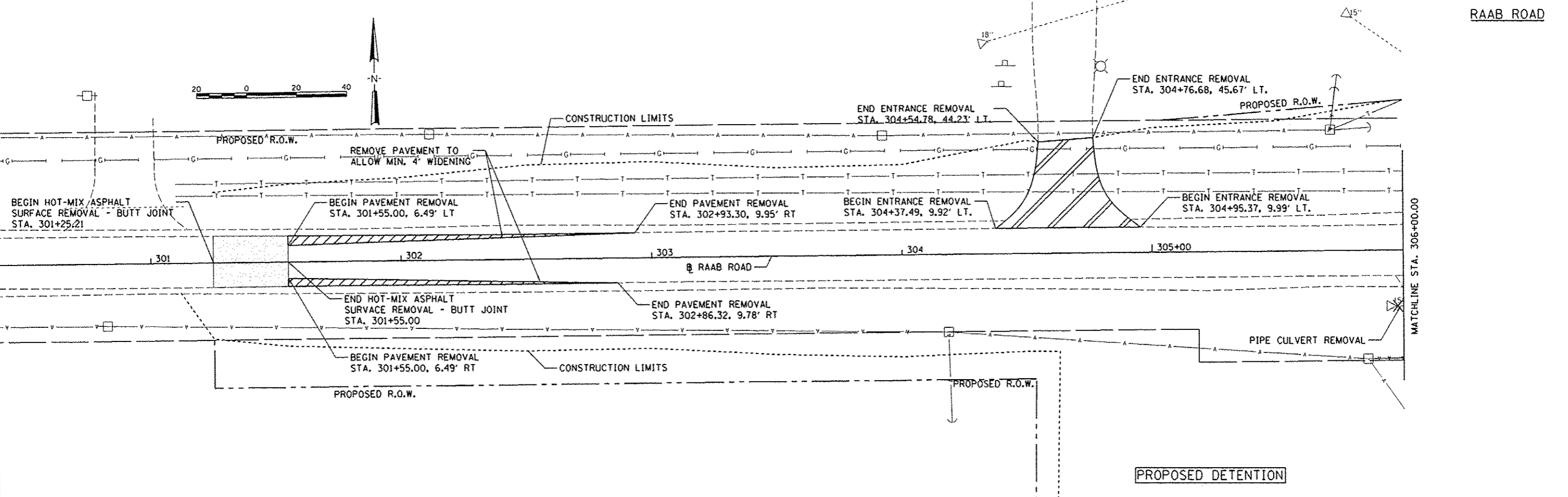
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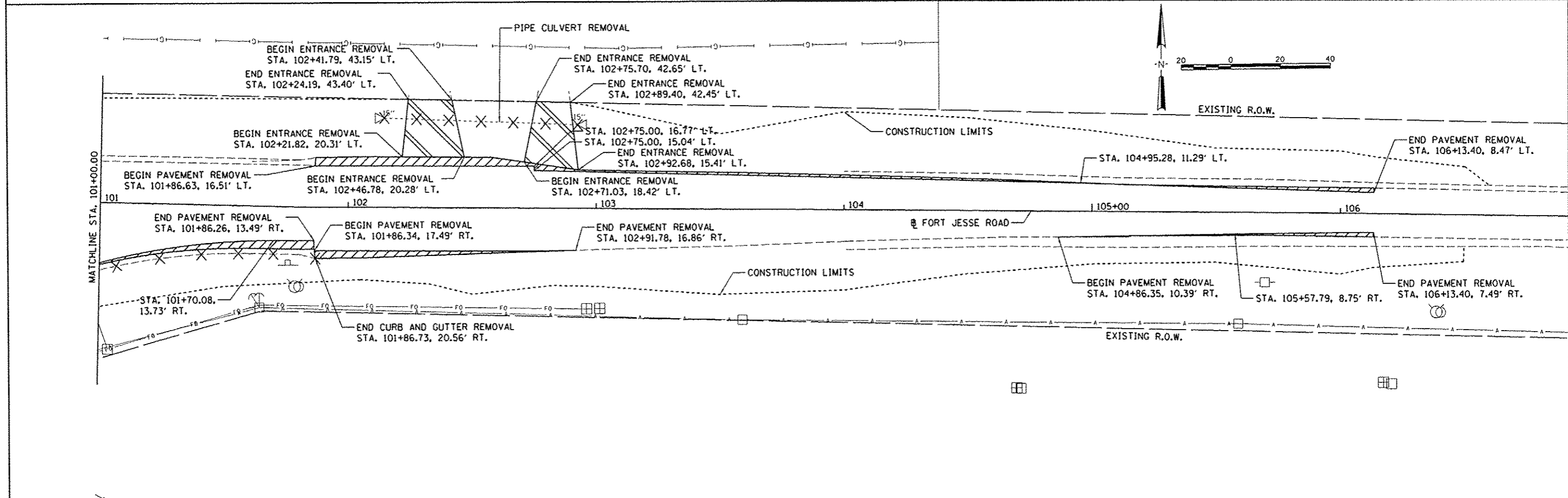
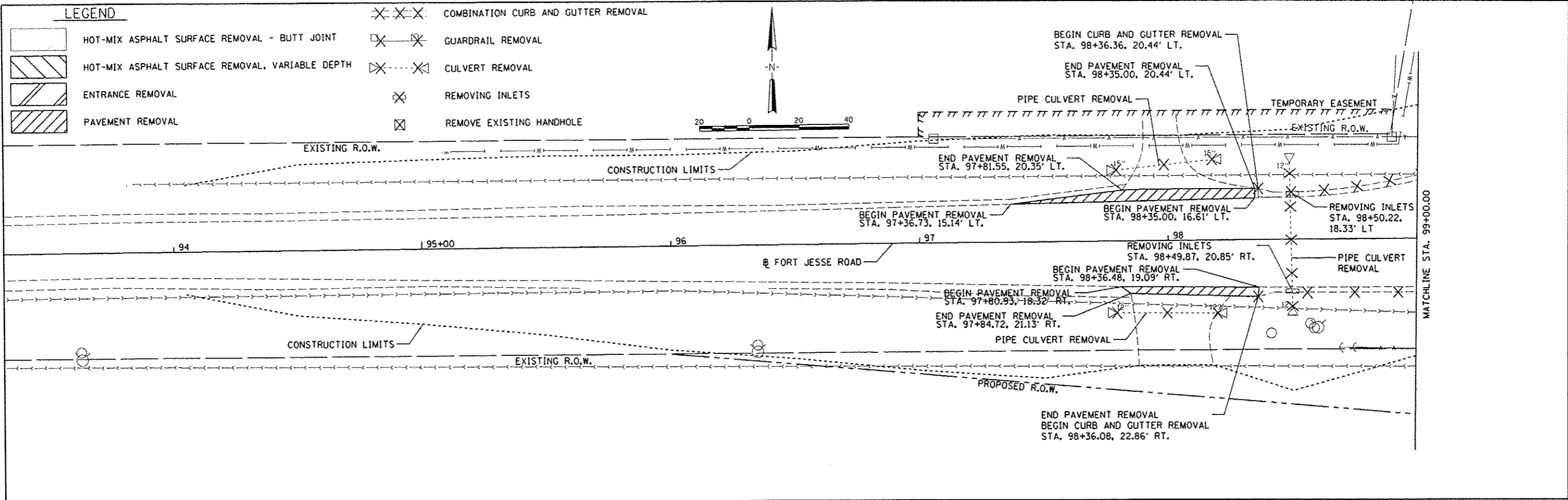
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| I:\07\jobs\07100421\CADD\Road\Sheet\c-106.dgn | DRAWN - DLC | CHECKED - CAL | REVISED - | | SCALE: 1"=20' | SHEET NO. | OF SHEETS | 6431 | 07-00113-04-FP | McLEAN | 162 | 22 |
| PLOT SCALE = 40,0000 / in. | DATE - 6/27/14 | REVISED - | REVISED - | | STA. | TO STA. | CONTRACT NO. 91400 | | ILLINOIS FED. AID PROJECT M-52270491 | | | |
| PLOT DATE = 8/7/2014 | | | | | | | | | | | | |



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - ENTRANCE REMOVAL
 - PAVEMENT REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - GUARDRAIL REMOVAL
 - CULVERT REMOVAL
 - REMOVING INLETS
 - REMOVE EXISTING HANDHOLE



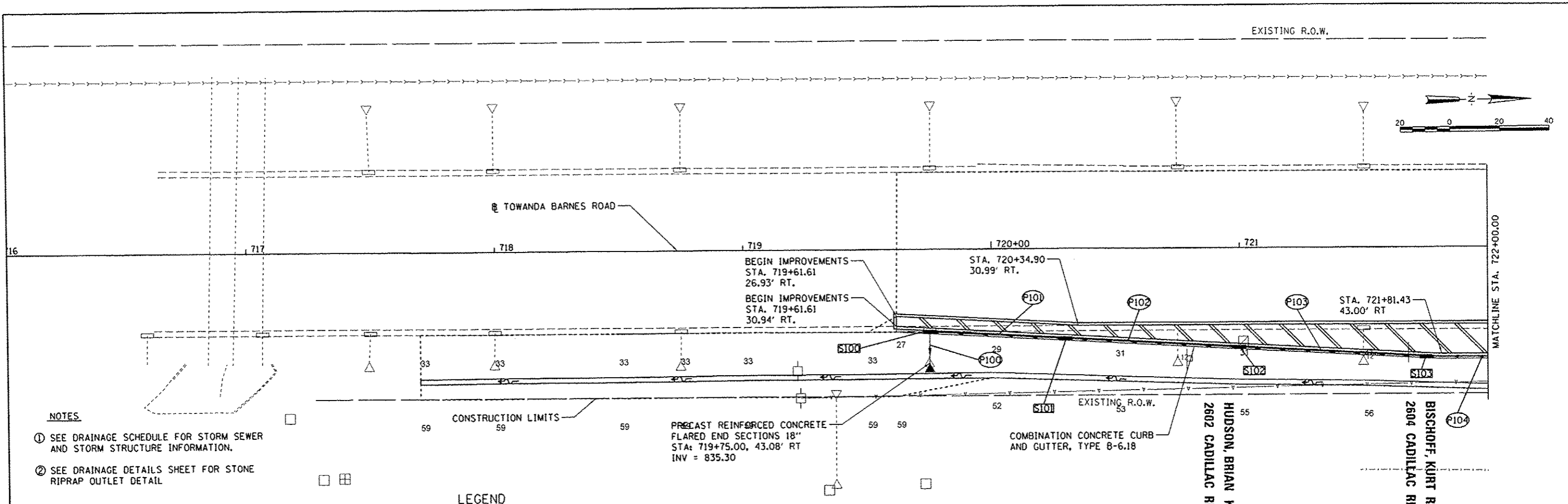
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| PLOT SCALE : 48.0000' / 1" = 48' | CHECKED - CAL | DATE - 6/27/14 | REVISED - | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5221(049) | | | | |
| PLOT DATE : 6/7/2014 | DATE - 6/27/14 | REVISED - | REVISED - | | | | | | | | | |
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| FILE NAME = | USER NAME = andr02046 | DESIGNED - MGD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | FORT JESSE RD. REMOVAL PLAN | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| PLOT DATE = 6/27/14 | | DATE - 6/27/14 | REVISED - | | | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-52210491 | | | | |
| | | | | SCALE: 1"=20' | | SHEET NO. OF SHEETS | | STA. TO STA. | | | |

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| DATE | |
| BY | |
| PROJECT NO. | |
| PLANNED | |
| ALIGNED | |
| DESIGNED | |
| CHECKED | |
| DATE | |

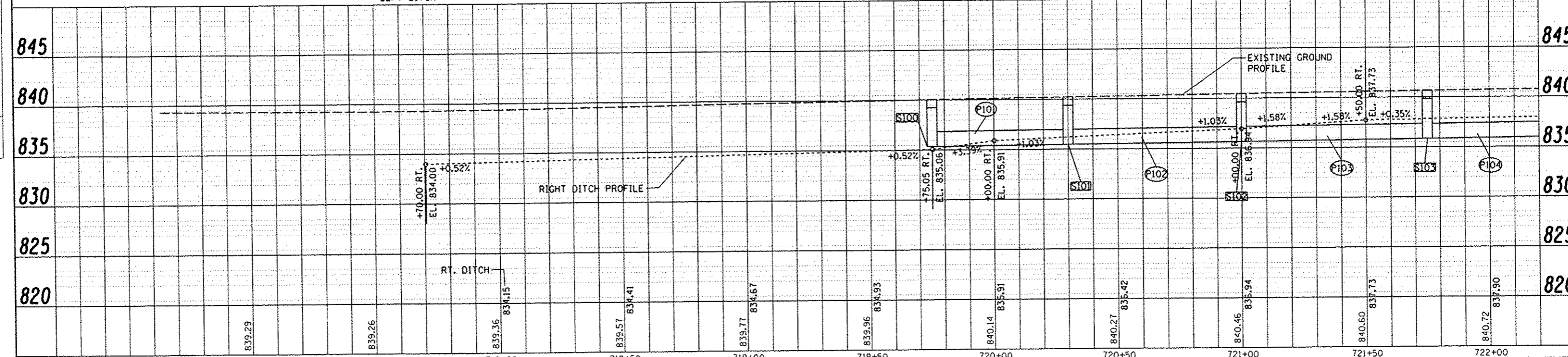
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| DATE | |
| BY | |
| PROJECT NO. | |
| PLANNED | |
| ALIGNED | |
| DESIGNED | |
| CHECKED | |
| DATE | |



- NOTES**
- SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
 - SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.

LEGEND

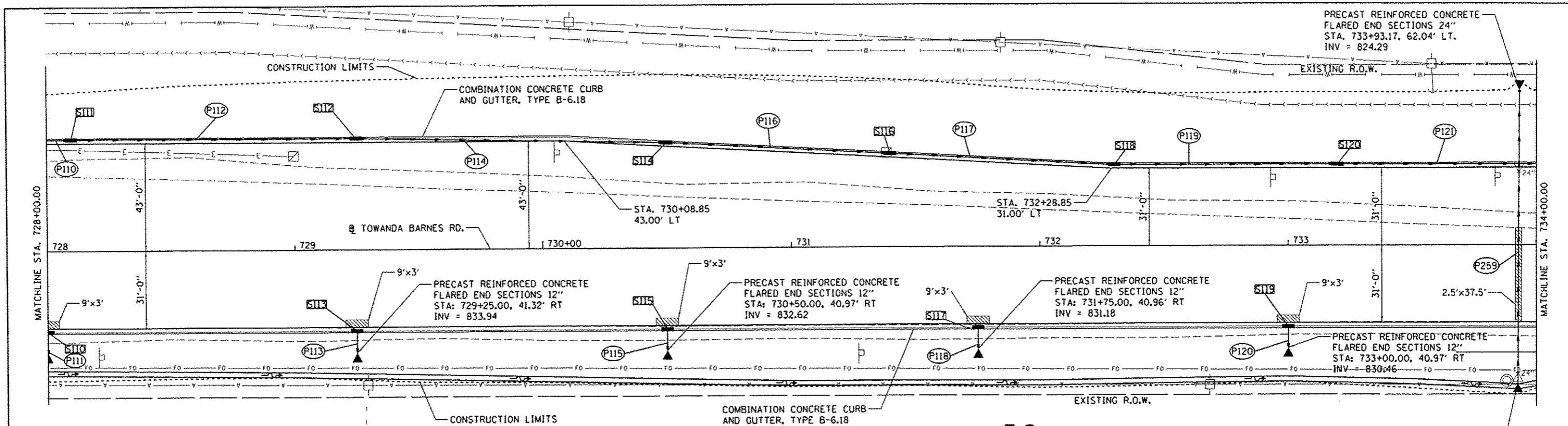
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|-----------|-----------------|------------------------|--------------------------------------|
| SXXX | STORM STRUCTURE | - - - - - | CONSTRUCTION LIMITS |
| FXXX | STORM SEWER | [Hatched Box] | PAVEMENT PATCH |
| --- | PIPE CULVERT | [Cross-hatched Box] | INCIDENTAL HOT-MIX ASPHALT SURFACING |
| ▲ | END SECTION | [Diagonal Hatched Box] | WIDENING |
| - - - - - | RIGHT DITCH | | |
| - - - - - | LEFT DITCH | | |



| | | | | | | | | | | | |
|--|----------------|-------------|-----------|--|---|---|----------------|--------|--------------|-----------|--|
| FILE NAME | USER NAME | DESIGNED | REVISED | <p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> | <p align="center">TOWANDA BARNES RD. PLAN AND PROFILE</p> | F.A.U. RTEL. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
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| PLOT SCALE = 48,0000 / in. | CHECKED - CAL | REVISED - | | | | CONTRACT NO. 91400 | | | | | |
| PLOT DATE = 8/7/2014 | DATE - 6/27/14 | REVISED - | | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT N-5227(049) | | | | | |

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|---------------|--|
| DATE | |
| BY | |
| PROJECT NO. | |
| PLANNING | |
| DESIGN | |
| CONSTRUCTION | |
| AS-BUILT | |
| NO. OF SHEETS | |
| SHEET NO. | |
| DATE | |

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| DATE | |
| BY | |
| PROJECT NO. | |
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| DESIGN | |
| CONSTRUCTION | |
| AS-BUILT | |
| NO. OF SHEETS | |
| SHEET NO. | |
| DATE | |



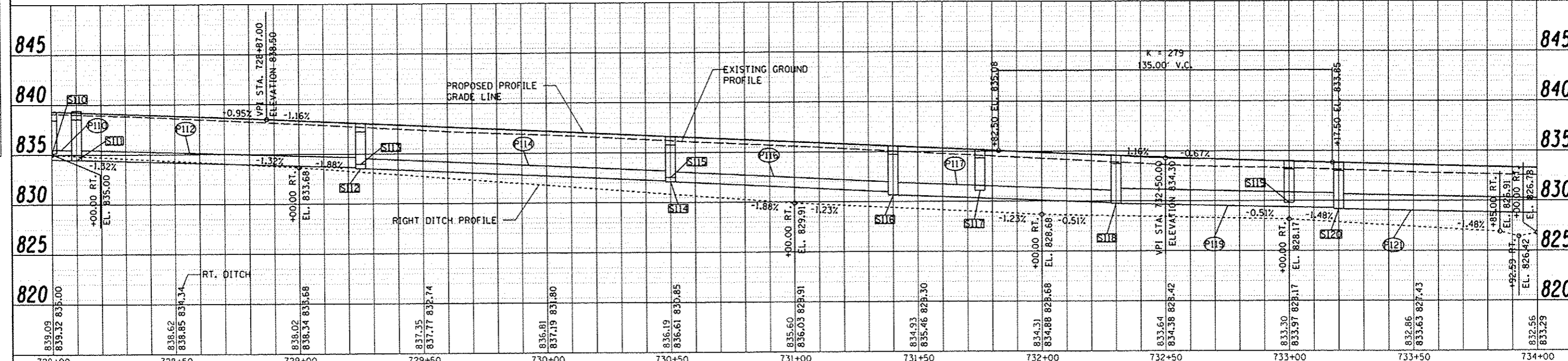
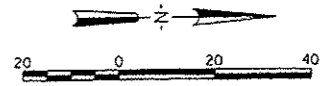
G. EDWIN & CYNTHIA KELLEY
418 TOWANDA BARNES RD.

GEORGE E. KELLEY
RR9 BOX 54

LEGEND

| | | | |
|---------|-----------------|------------------|--------------------------------------|
| SXXX | STORM STRUCTURE | --- | CONSTRUCTION LIMITS |
| PXXX | STORM SEWER | [Hatched] | PAVEMENT PATCH |
| --- | PIPE CULVERT | [Cross-hatched] | INCIDENTAL HOT-MIX ASPHALT SURFACING |
| ▲ | END SECTION | [Diagonal lines] | WIDENING |
| - - - - | RIGHT DITCH | | |
| - - - - | LEFT DITCH | | |

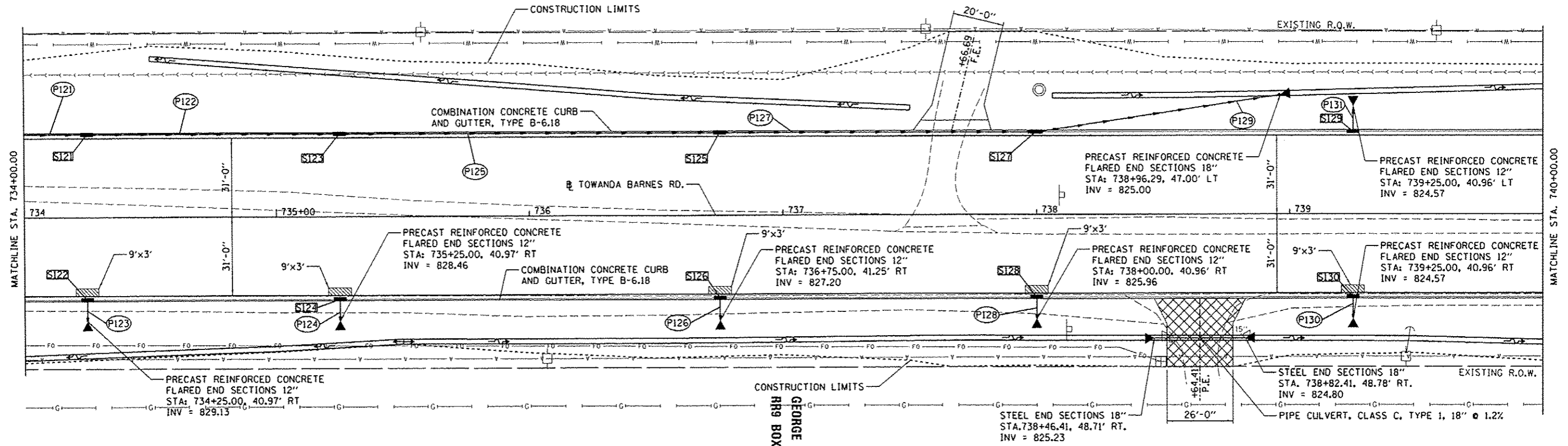
- NOTES**
- SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
 - SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.



| | | | | | |
|---|--|--|---|--|---|
| FILE NAME: J:\07\jobs\07\0842\CADD\Road\Sheet\c-703td.dgn USER NAME: andr-00846 PLOT SCALE: 40.0000 "/> | DESIGNED: MGD DRAWN: DLC CHECKED: CAL DATE: 6/27/14 | REVISED: - REVISED: - REVISED: - REVISED: - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PLAN AND PROFILE | F.A.U. RTE. 6431 SECTION 07-00113-04-FP COUNTY MCLEAN TOTAL SHEETS 162 SHEET NO. 27 CONTRACT NO. 91400 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-52270491 |
|---|--|--|---|--|---|

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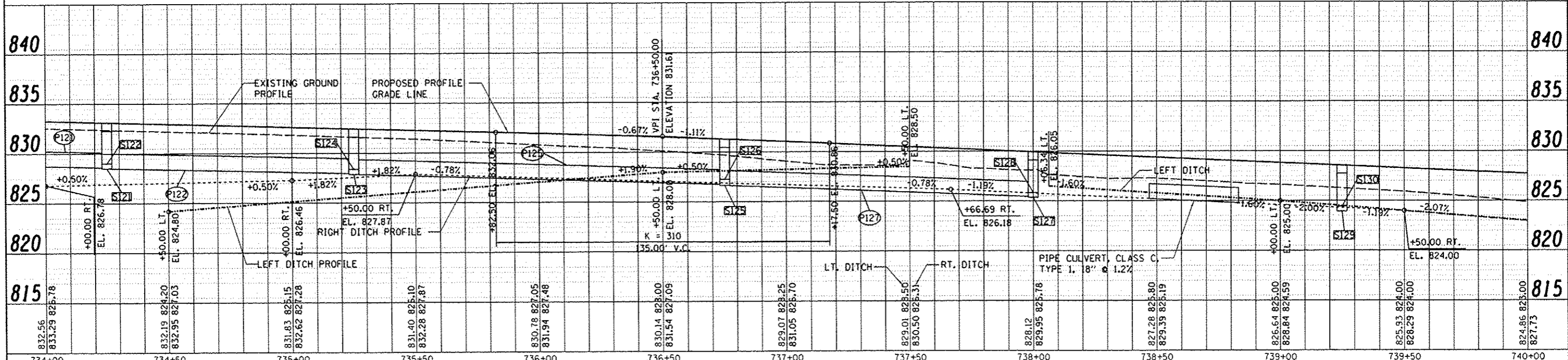
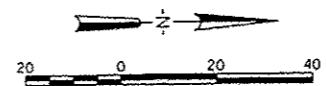
LEGEND

- SXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING

NOTES

- ① SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
- ② SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL

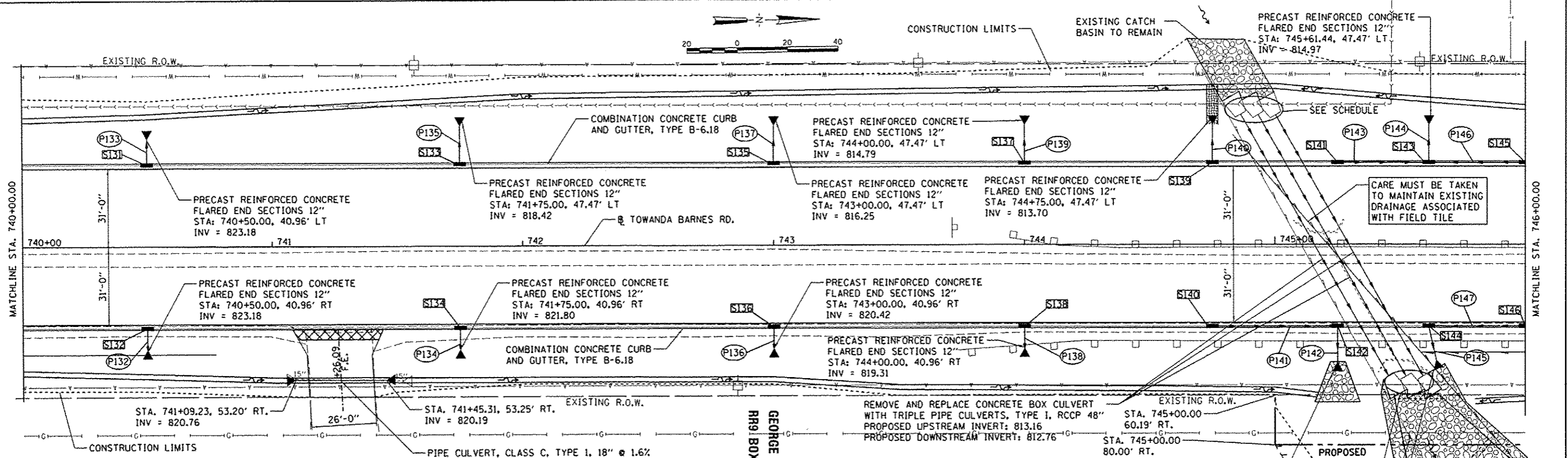
GEORGE E. KELLEY
 R9 BOX 54



| | | | | | |
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|--|--|--|---|--|---|

DATE: _____
 BY: _____
 CHECKED: _____
 DESIGNED: _____
 DRAWN: _____
 PLOTTED: _____
 FILE NAME: _____

DATE: _____
 BY: _____
 CHECKED: _____
 DESIGNED: _____
 DRAWN: _____
 PLOTTED: _____
 FILE NAME: _____



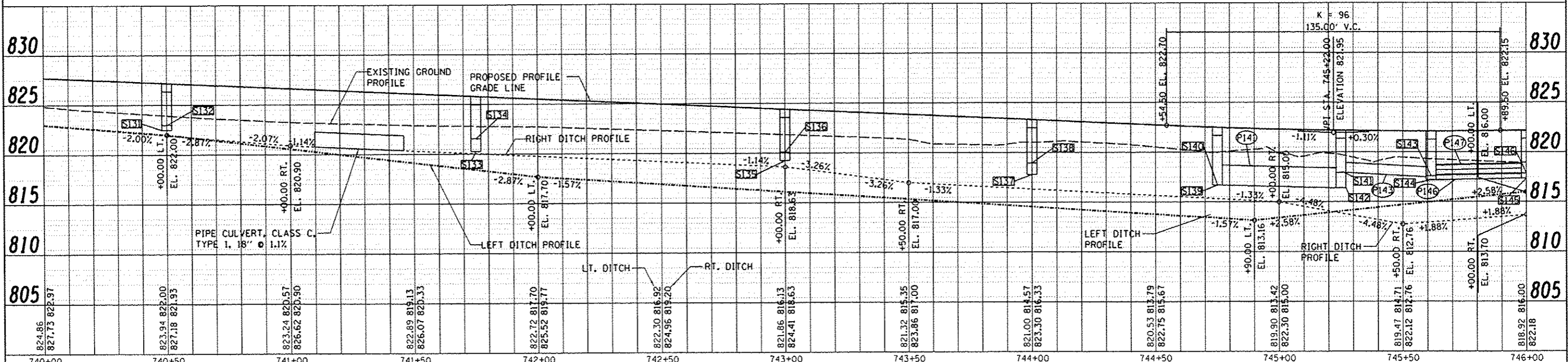
LEGEND

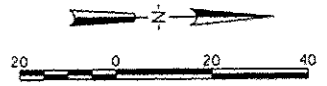
- SXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- ▨ CONSTRUCTION LIMITS
- ▨ PAVEMENT PATCH
- ▨ INCIDENTAL HOT-MIX ASPHALT SURFACING
- ▨ WIDENING

NOTES

- ① SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
- ② SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.

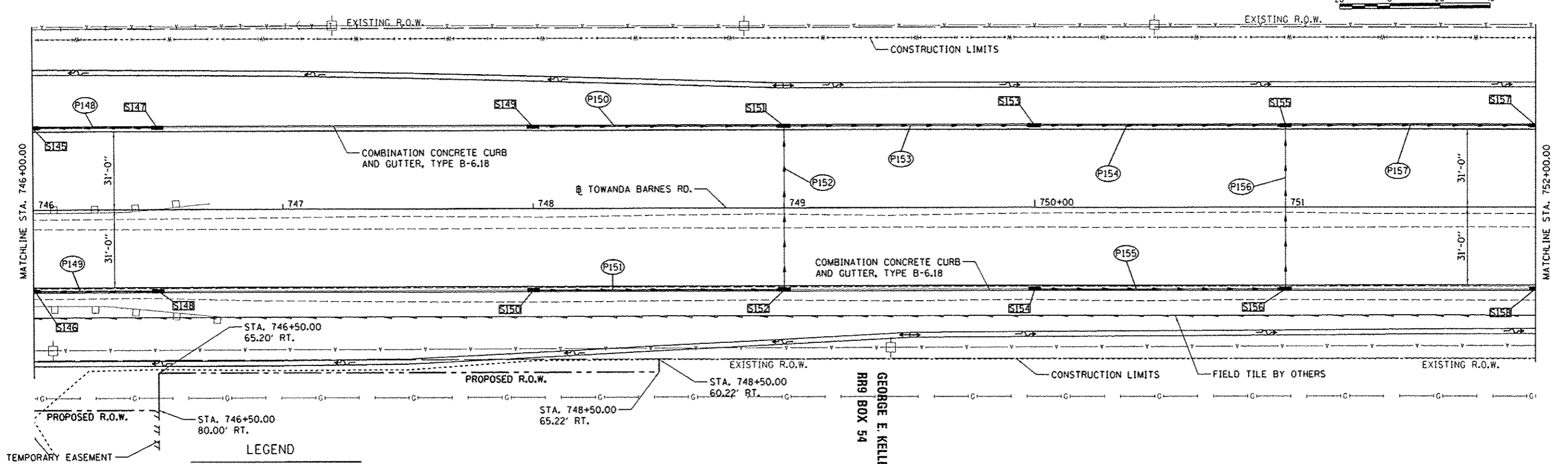
| TRIPLE PIPE CULVERT END SECTION SCHEDULE | | |
|--|------------|--|
| STA. | OFF. | TYPE |
| 744+82.28 | 58.82' LT. | PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 48" |
| 744+89.25 | 58.69' LT. | |
| 744+96.21 | 58.59' LT. | |
| 745+50.23 | 59.23' RT. | |
| 745+56.30 | 59.62' RT. | |
| 745+63.15 | 59.58' RT. | |





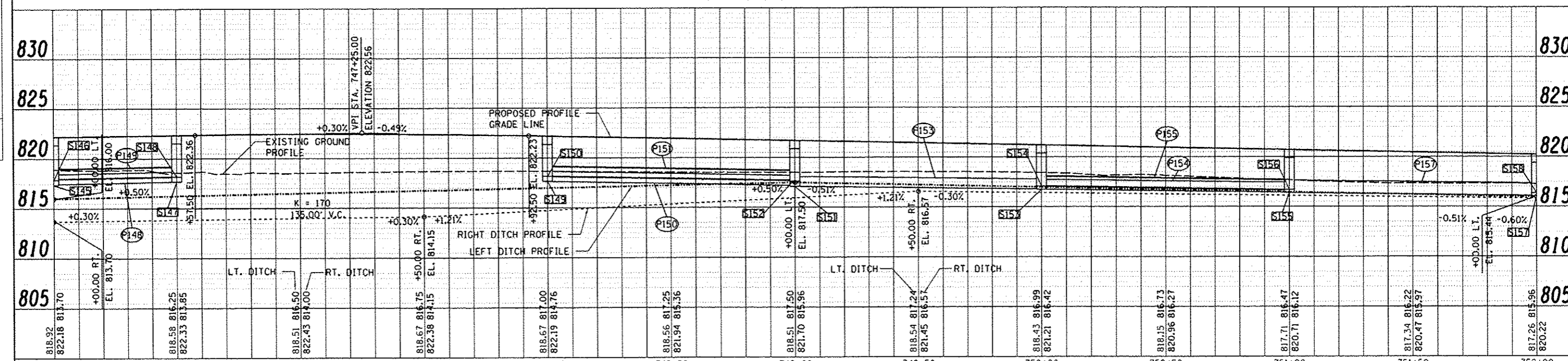
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| DATE | |
| BY | |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| DATE | |
| PROJECT NO. | |
| PROJECT NAME | |
| NOTE BOOK NO. | |
| NOTE BOOK PAGE | |
| FILE NAME | |

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| DATE | |
| PROJECT NO. | |
| PROJECT NAME | |
| NOTE BOOK NO. | |
| NOTE BOOK PAGE | |
| FILE NAME | |



- LEGEND**
- SXXX STORM STRUCTURE
 - PXXX STORM SEWER
 - PIPE CULVERT
 - ▲ END SECTION
 - RIGHT DITCH
 - LEFT DITCH
 - CONSTRUCTION LIMITS
 - PAVEMENT PATCH
 - INCIDENTAL HOT-MIX ASPHALT SURFACING
 - WIDENING

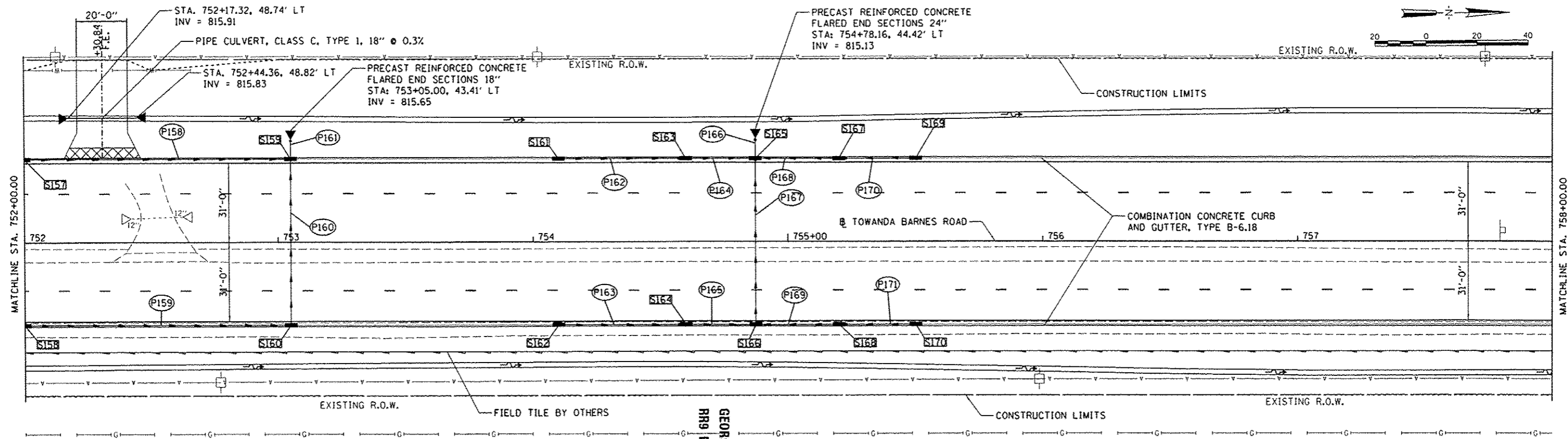
- NOTES**
- ① SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
 - ② SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.



| | | | | | | | | | | |
|---|----------------------|---------------|------------|---|--|---------------------|---------------------------|---------------|--------------------|--------------|
| FILE NAME: H:\07\jobs\07L0042\C400\load\Sheet\c-708.dgn | USER NAME: ande00846 | DESIGNED: MGD | REVISED: - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PLAN AND PROFILE | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 30 |
| PLOT SCALE: = 0.0000' / 1" = | DATE: 6/27/14 | DRAWN: DLC | REVISED: - | SCALE: 1"=20' | SHEET NO. OF SHEETS STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | M-52270491 | CONTRACT NO. 91400 | |

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|--------------|--|
| DATE | |
| BY | |
| SYSTEMS | |
| PLANNING | |
| DESIGN | |
| CONSTRUCTION | |
| OPERATION | |
| MAINTENANCE | |

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| DATE | |
| BY | |
| SYSTEMS | |
| PLANNING | |
| DESIGN | |
| CONSTRUCTION | |
| OPERATION | |
| MAINTENANCE | |

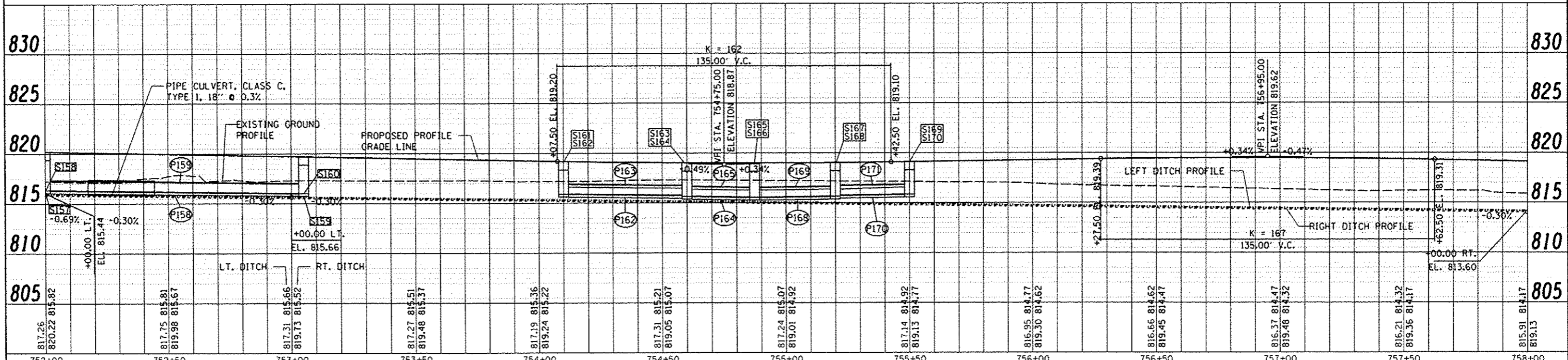


LEGEND

- SXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING

NOTES

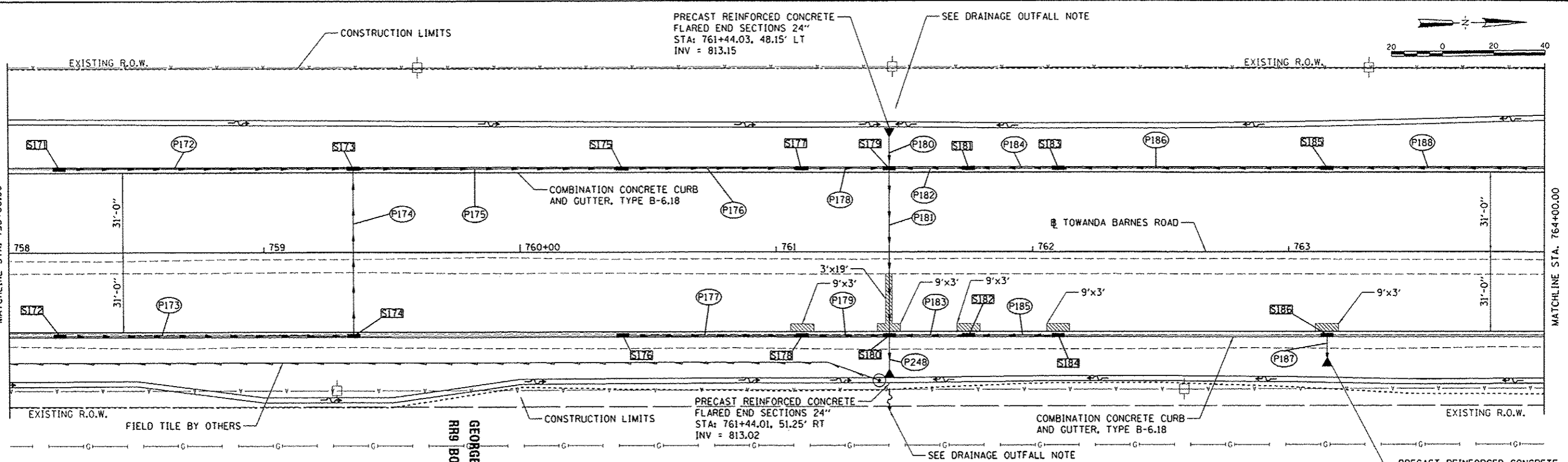
- ① SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
- ② SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.



| | | | | |
|--|--|---|--|---|
| FILE NAME: I:\07\jobs\07\0042\CADD\Road\Sheet\c-707.dgn USER NAME: andr-00846 DESIGNED: MGD DRAWN: DLC CHECKED: CAL DATE: 6/27/14 | REVISED: - REVISED: - REVISED: - REVISED: - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PLAN AND PROFILE | F.A.U. RTE. 6431 SECTION 07-00113-04-FP COUNTY McLEAN TOTAL SHEETS 162 SHEET NO. 31 CONTRACT NO. 91400 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 |
| PLOT SCALE: 40,000' / in. PLOT DATE: 6/7/2014 | | SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA. | | |

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| DATE | |
| BY | |
| PROJECT | |
| PROFILER | |
| PLotted | |
| NOTE BOOK | |
| NO. | |
| FILE NAME | |
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| DATE | |
| BY | |
| PROJECT | |
| PROFILER | |
| PLotted | |
| NOTE BOOK | |
| NO. | |
| FILE NAME | |
| NO. | |



DRAINAGE OUTFALL NOTE

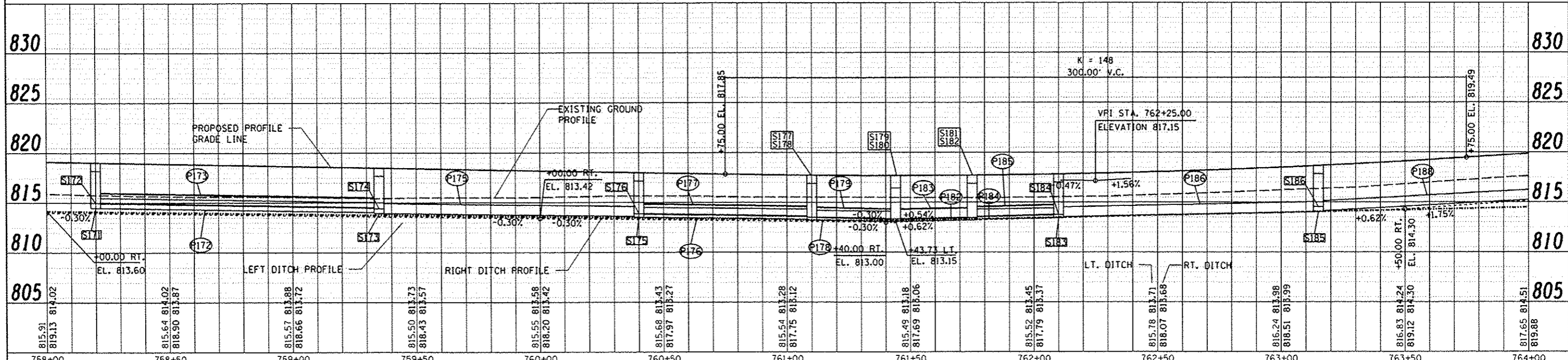
EXISTING DRAINAGE IN THIS AREA GENERALLY FLOWS FROM WEST TO EAST. THE LOW POINT IN THE PROPOSED ROADWAY APPROXIMATELY MATCHES THAT OF THE EXISTING ROADWAY AND TERRAIN. THERE IS NOT AN EXISTING CROSS ROAD CULVERT IN THE VICINITY OF THIS SAG LOCATION MEANING OVERLAND AND ROADWAY DRAINAGE FROM THE WEST IS BLOCKED BY EXISTING TOWANDA BARNES ROAD. EAST OF THE EXISTING ROADWAY DRAINAGE GENERALLY FLOWS EAST THROUGH A FARM FIELD AWAY FROM THE ROADWAY.

AS CURRENTLY PROPOSED THE OVERLAND AND ROADWAY DRAINAGE WILL STILL CONVERGE AT THE EXISTING SAG LOCATION. TO AIDE IN THE NATURAL WEST TO EAST DRAINAGE PATTERN A CROSS ROAD PIPE HAS BEEN ADDED WITH A SLOPE CLOSE TO ZERO. DRAINAGE IS EXPECTED TO COLLECT IN THE PIPE AND IN THE DITCHES AT EITHER END OF THE PIPE UNTIL IT REACHES THE TOP OF DITCH BACK SLOPE ON THE EAST SIDE. ONCE WATER IN THE EAST DITCH HAS REACHED THE TOP OF SLOPE THE DRAINAGE WILL FLOW EAST THROUGH THE FIELD AS IT APPEARS TO DO TODAY.

- NOTES**
- SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
 - SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.

LEGEND

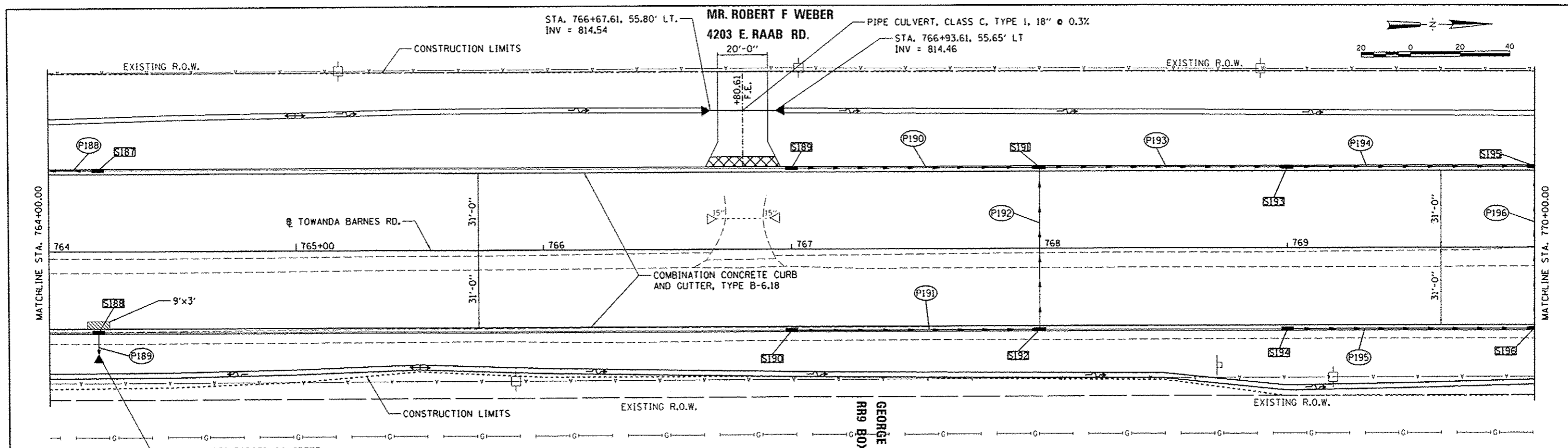
- XXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING



| | | | | | | | | | | | | |
|--|-------------|----------------------|---------|---|--|--|--|--|----------------|--------------------|--------------|-----------|
| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | TOWANDA BARNES RD. PLAN AND PROFILE | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1:\07\jobs\071002\CAD\Road\Sheet\c-708.dgn | ander-00846 | MGD | - | | | | | 6431 | 07-00113-04-FP | McLEAN | 162 | 32 |
| | | DRAWN | REVISED | | | | | | | | | |
| | | DLG | - | | | | | | | | | |
| | | CHECKED | REVISED | | | | | | | | | |
| | | CAL | - | | | | | | | | | |
| | | DATE | REVISED | | | | | | | | | |
| | | 6/27/14 | - | | | | | | | | | |
| PLOT SCALE = 48,0000' / in. | | PLOT DATE = 8/7/2014 | | SCALE: 1"=20' | | SHEET NO. OF SHEETS STA. TO STA. | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-52270491 | | CONTRACT NO. 91400 | | |

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| DATE | |
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| DATE | |
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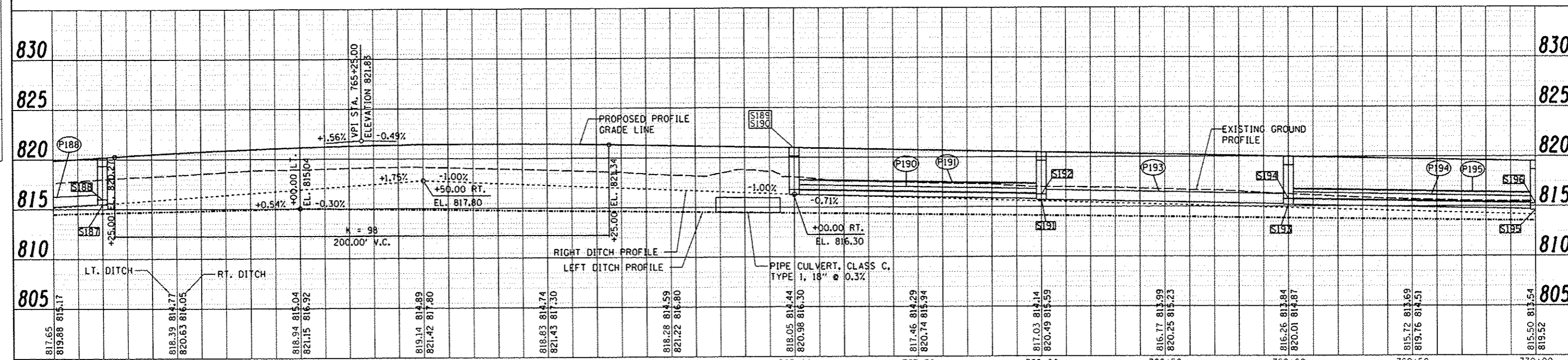
PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 12"
STA: 764+20.00, 40.96' RT
INV = 816.20

LEGEND

- SXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING

NOTES

- ① SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
- ② SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.

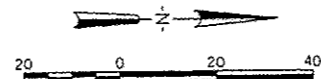


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| FILE NAME: I:\07\jobs\07L0042\ROAD\Sheet\c-709\dgn USER NAME: andr-00846 PLOT SCALE: 1"=40.0000' / in. PLOT DATE: 8/7/2014 | DESIGNED - MCD DRAWN - DLC CHECKED - CAL DATE - 6/27/14 | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PLAN AND PROFILE | F.A.U. RTE. 6431 SECTION 07-00113-04-FP COUNTY McLEAN TOTAL SHEETS 162 SHEET NO. 33 CONTRACT NO. 91400 ILLINOIS FED. AID PROJECT M-52210491 |
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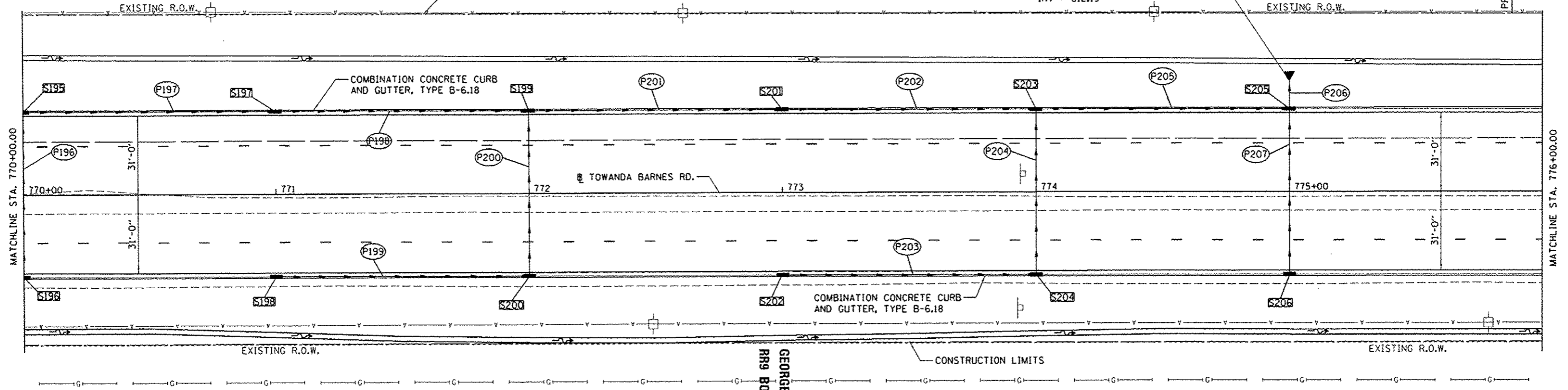
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| DESIGNED | |
| DRAWN | |
| CHECKED | |
| DATE | |
| NO. | |
| FILE NAME | |

MR. ROBERT F WEBER
4203 E. RAAB RD.



PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 18"
STA: 775+00.00, 43.43' LT
INV = 812.19

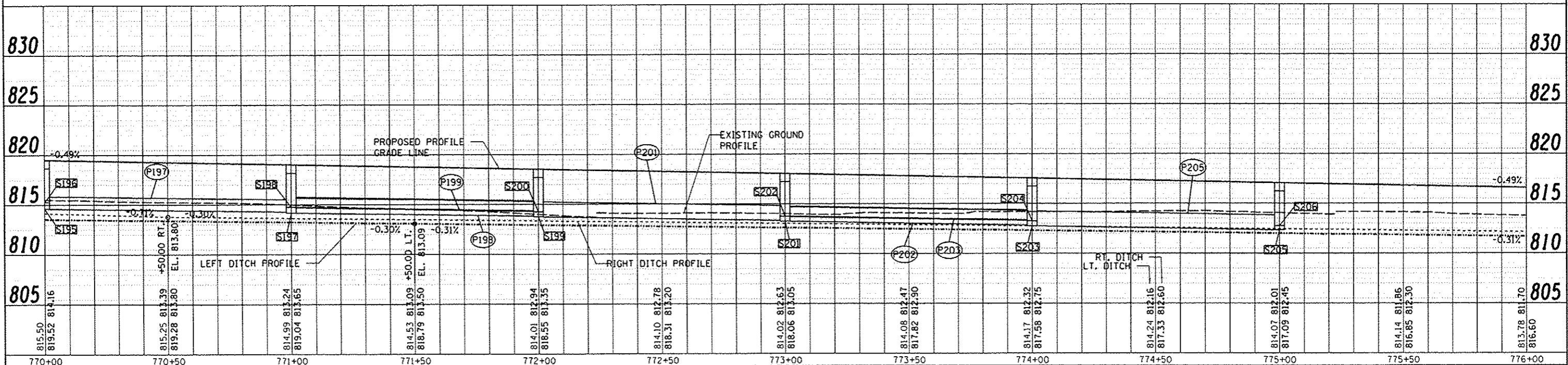


LEGEND

- SXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING

NOTES

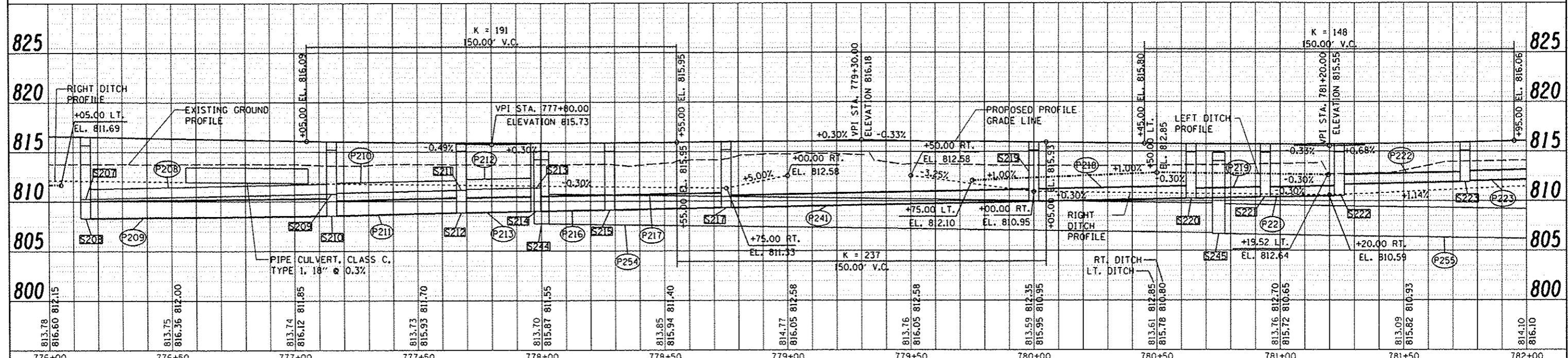
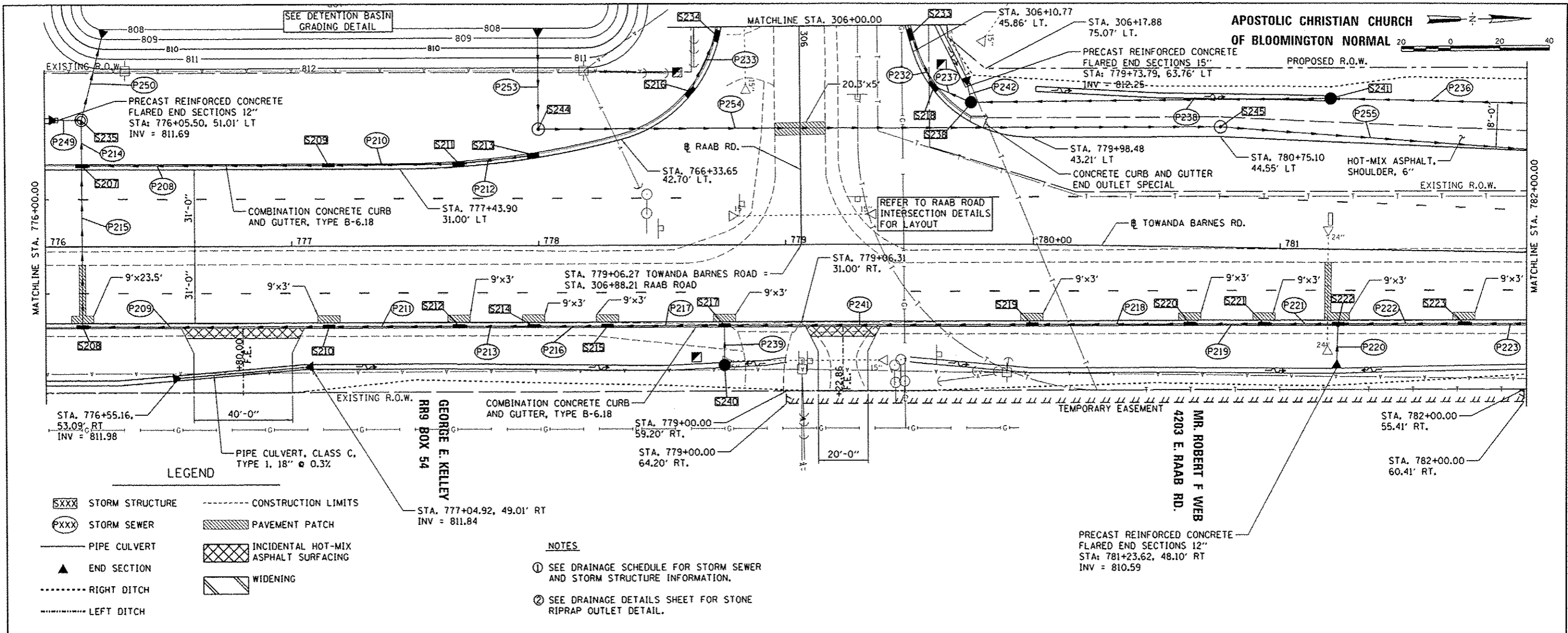
- ① SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
- ② SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.



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|---|--|--|---|--|--|
| FILE NAME: F:\07\jobs\07L0042\CA00\Road\Sheet\c-710.dwg USER NAME: andar-00846 PLOT SCALE: 1"=20' PLOT DATE: 6/27/2014 | DESIGNED - MCD DRAWN - DLC CHECKED - CAL DATE - 6/27/14 | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PLAN AND PROFILE | F.A.U. RTE. 6431 SECTION 07-00113-04-FP COUNTY MCLEAN TOTAL SHEETS 162 SHEET NO. 34 CONTRACT NO. 91400 <small>FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT #5227049</small> |
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| BY | |
| REVISION | |
| NO. | |
| DESCRIPTION | |
| DATE | |
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| REVISION | |
| NO. | |
| DESCRIPTION | |

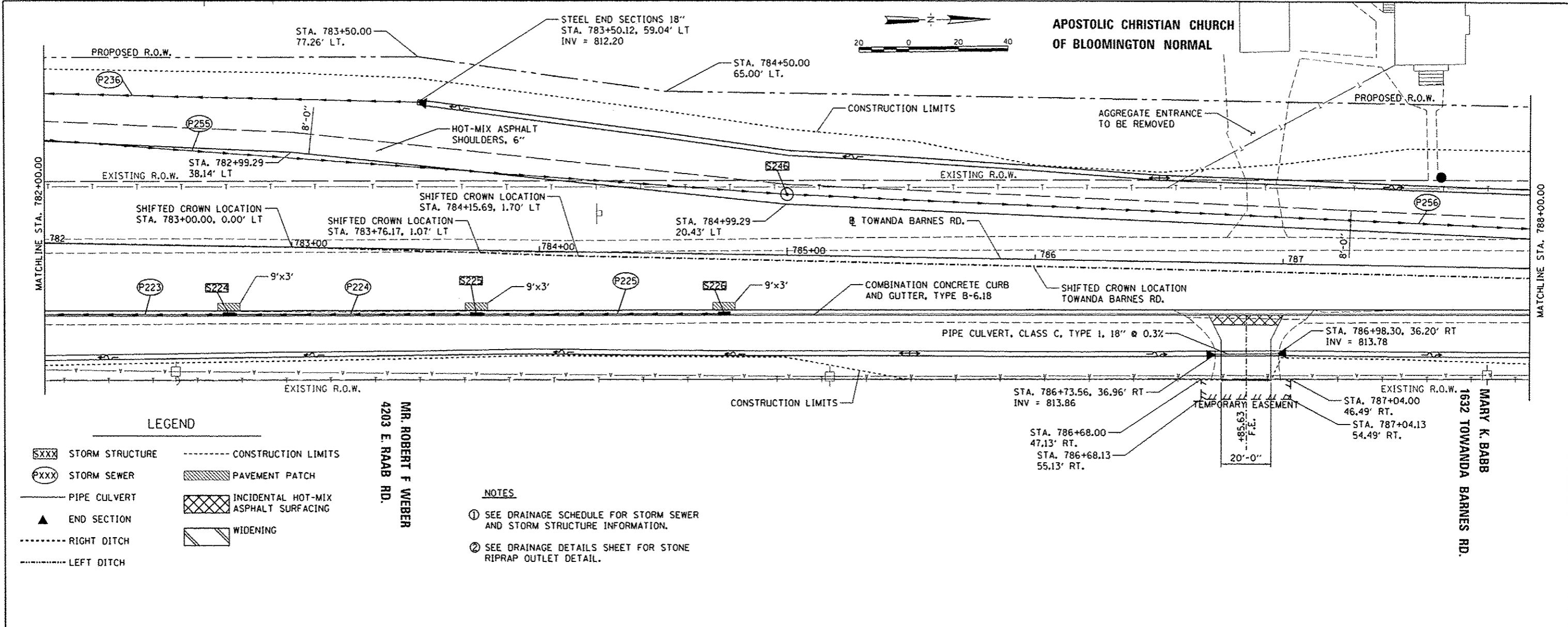
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| DATE | |
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| REVISION | |
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| DATE | |
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| REVISION | |
| NO. | |
| DESCRIPTION | |



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|---|----------------------|---------------|----------|---|--|---|----------------|--------------|---------------|------------|--|
| FILE NAME: I:\07\jobs\07L0042\CA000\Road\Sheet\0-711b.dgn | USER NAME: andr08846 | DESIGNED: MGD | REVISED: | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PLAN AND PROFILE | F.A.U. R.T.E.: | SECTION: | COUNTY: | TOTAL SHEETS: | SHEET NO.: | |
| | | DRAWN: DLC | REVISED: | | | 6431 | 07-00113-04-FP | MCLEAN | 162 | 35 | |
| | | CHECKED: CAL | REVISED: | | | CONTRACT NO. 91400 | | | | | |
| | | DATE: 6/27/14 | REVISED: | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT #-5227(049) | | | | | |
| PLOT SCALE: 40.0000' / 1" / 100' | | DATE: 6/27/14 | | SCALE: 1"=20' | | SHEET NO. OF SHEETS | | STA. TO STA. | | | |

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| DATE | |
| BY | |
| PROJECT | |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| DATE | |
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| DATE | |
| BY | |
| PROFILE | |
| DESIGNED | |
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| CHECKED | |
| DATE | |
| NO. | |



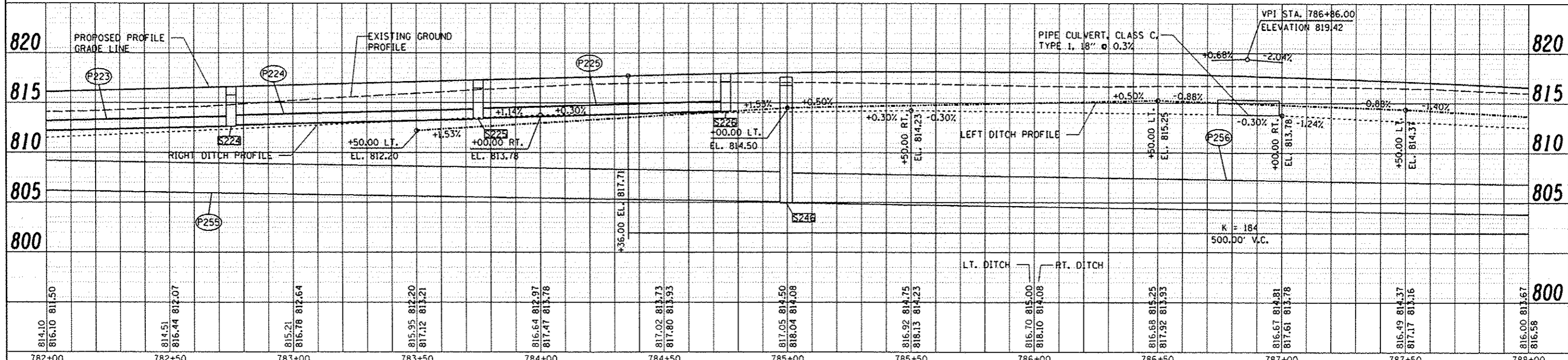
LEGEND

- SXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- - - - - RIGHT DITCH
- - - - - LEFT DITCH
- - - - - CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING

- NOTES**
- ① SEE DRAINAGE SCHEDULE FOR STORM SEWER AND STORM STRUCTURE INFORMATION.
 - ② SEE DRAINAGE DETAILS SHEET FOR STONE RIPRAP OUTLET DETAIL.

MR. ROBERT F WEBBER
4203 E RAAB RD.

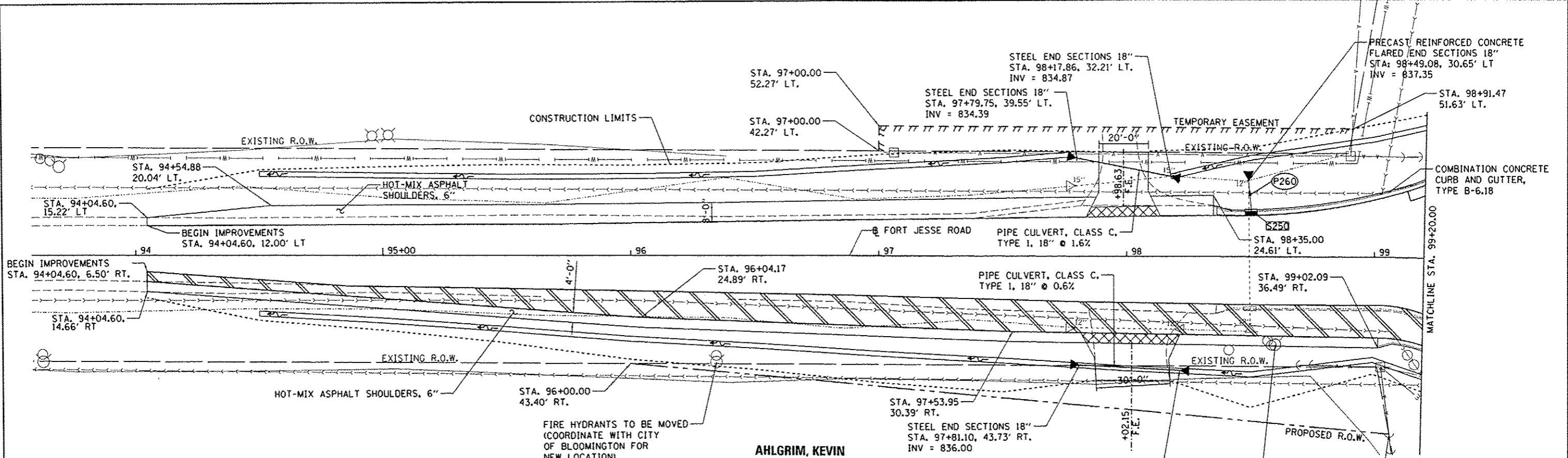
MARY K. BABB
1632 TOWANDA BARNES RD.



| | | | | | | | | | | |
|--|----------------------|----------|---------|---|--|----------------------------------|----------------|--------------------|--------------|-----------|
| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PLAN AND PROFILE | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1:\07\jobs\07L0042\CADD\Road\Sheet\c-712.dgn | ander-00846 | MGD | | | | 6431 | 07-00113-04-FP | McLEAN | 162 | 36 |
| PLOT SCALE = 48.0000' / 1" | PLOT DATE = 8/7/2014 | CHECKED | REVISIO | | SCALE: 1"=20' | SHEET NO. OF SHEETS STA. TO STA. | | CONTRACT NO. 91400 | | |
| DATE = 6/27/14 | | DATE | REVISIO | | | ILLINOIS FED. AID PROJECT | | M-522710-49 | | |

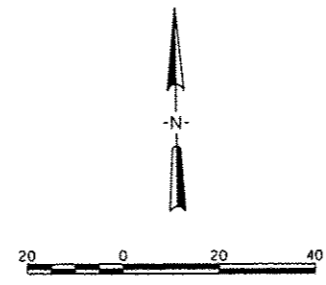
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| DATE | |
| BY | |
| PROJECT NO. | |
| PLANNING | |
| DESIGN | |
| CONSTRUCTION | |
| OPERATION | |
| MAINTENANCE | |

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| DATE | |
| BY | |
| PROJECT NO. | |
| PLANNING | |
| DESIGN | |
| CONSTRUCTION | |
| OPERATION | |
| MAINTENANCE | |

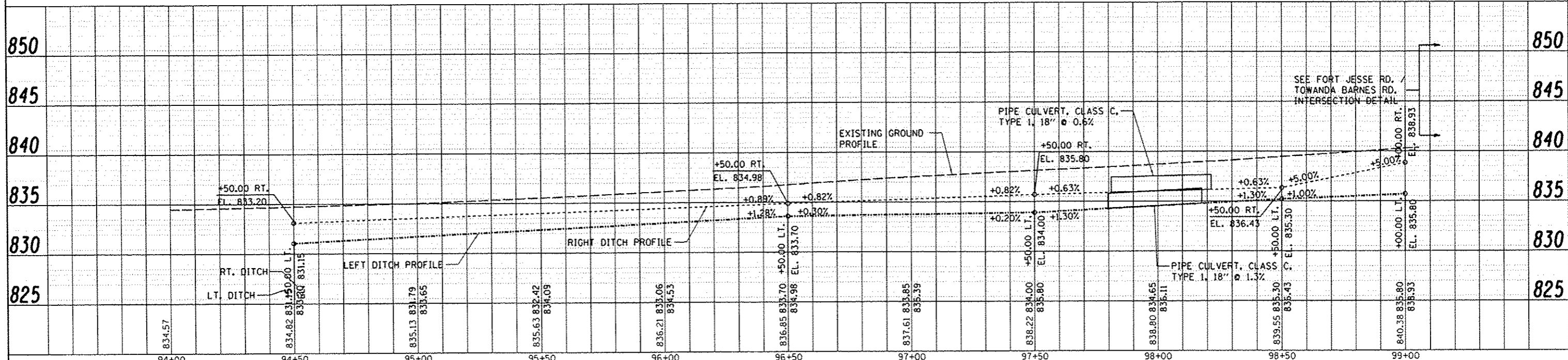


LEGEND

- XXXX STORM STRUCTURE
- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING

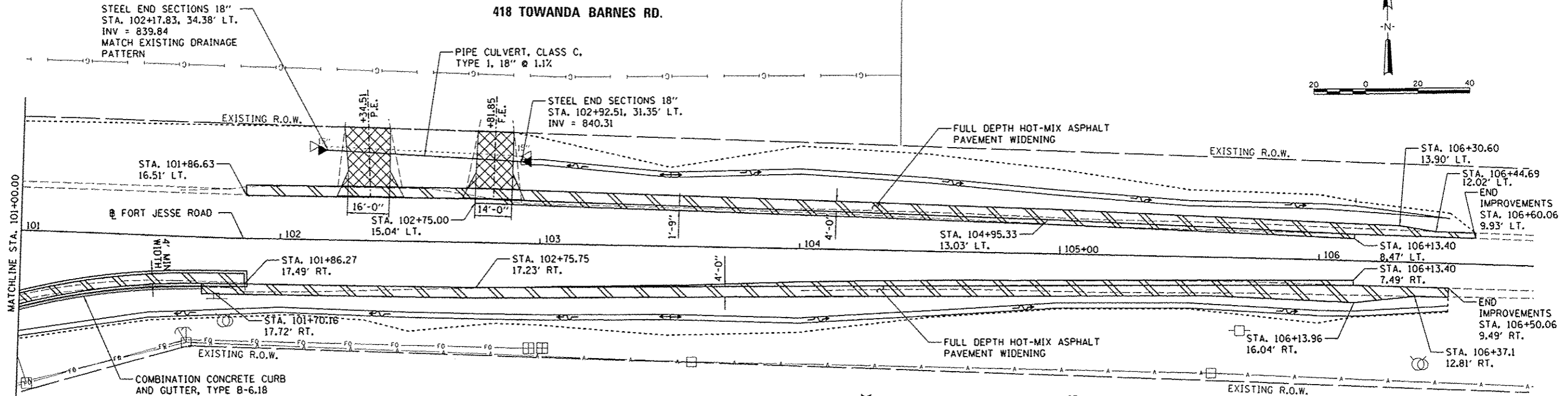
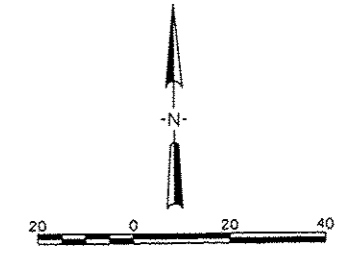


AHLGRIM, KEVIN



| | | | | | | | | | | | | |
|---|----------------------|----------------|-----------|---|--|---------------------|------------------|------------------------|---------------|------------------|--------------|--|
| FILE NAME: I:\07jobs\07L0842\CADD\Road\Sheet\c-714f.dgn | USER NAME: andr00846 | DESIGNED - MGD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | FORT JESSE RD. PLAN AND PROFILE | | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 38 | |
| PLOT SCALE: 40.0000 1" = 40' | DATE: 6/27/14 | DRAWN - DLC | REVISED - | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA. | CONTRACT NO. 91400 | | M-52271049 | | |
| CHECKED - CAL | DATE: 6/27/14 | REVISED - | REVISED - | | | | | | | | | |
| PLT DATE: 8/7/2014 | | | | | | | | | | | | |

G. EDWIN & CYNTHIS KELLEY
418 TOWANDA BARNES RD.



LEGEND

- SXXX STORM STRUCTURE
- SXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING

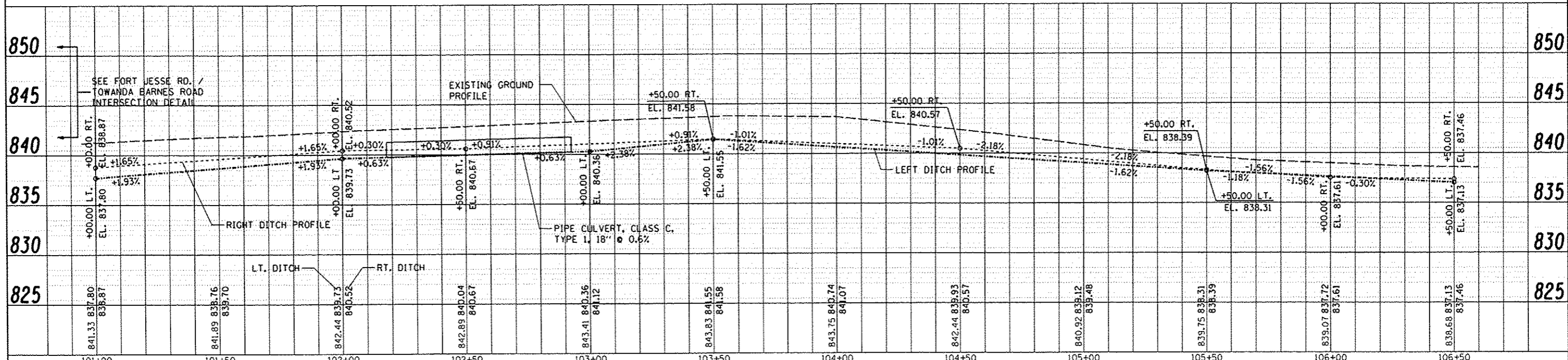
JEFF LYNN
3904 BROOKLINE LN.

DARYL AND NINA EINCK
3906 BROOKLINE LN.

VINOD AND ABHA NAMBIAR
3908 BROOKLINE LN.

GREGORY AND
MEAGAN WELCH
3910 BROOKLINE LN.

ROGERS AND
MARILYN FREEDLUND
3912 BROOKLINE LN.



| | |
|--------------|--|
| DATE | |
| BY | |
| PROJECT NO. | |
| PLANNING | |
| DESIGN | |
| CONSTRUCTION | |
| AS-BUILT | |

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|--------------|--|
| DATE | |
| BY | |
| PROJECT NO. | |
| PLANNING | |
| DESIGN | |
| CONSTRUCTION | |
| AS-BUILT | |

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|--|-----------------------|---------------|----------|---|--|--|--------------------|------------------------|--|------------------|--------------|
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| PLOT SCALE: 40.0000' / in. | CHECKED: CAL | DATE: 6/27/14 | REVISED: | | SCALE: 1"=20' | SHEET NO. OF SHEETS STA. TO STA. 106+50.00 | CONTRACT NO. 91400 | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | |

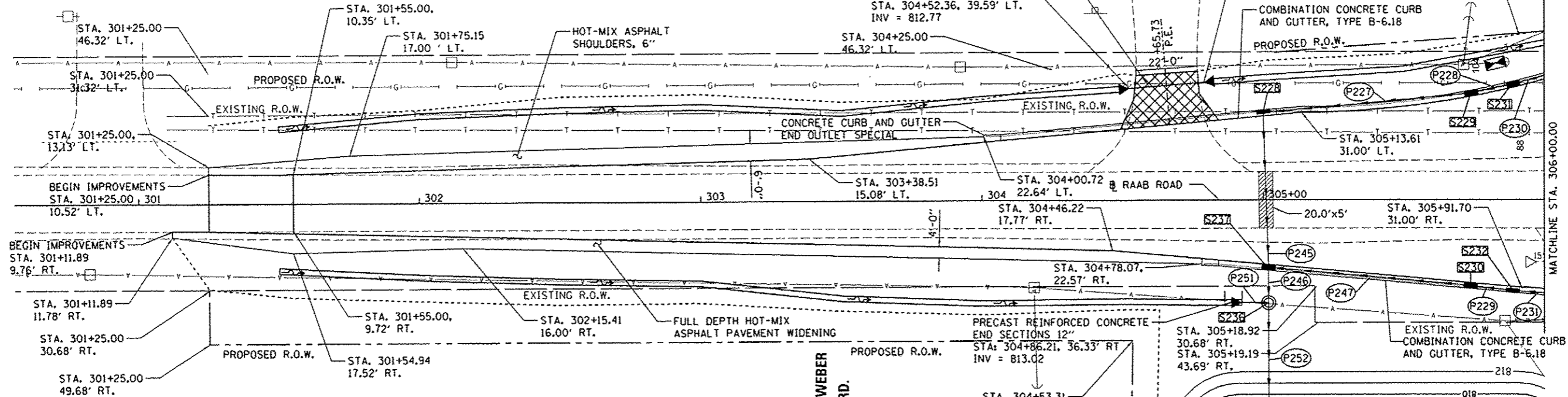
**APOSTOLIC CHRISTIAN CHURCH
OF BLOOMINGTON NORMAL**

PIPE CULVERT, CLASS C.
TYPE 1, 18" Ø 0.3%
STA. 304+52.36, 39.59' LT.
INV = 812.77

STEEL END SECTIONS 18"
STA. 304+78.94, 41.73' LT
INV = 812.69

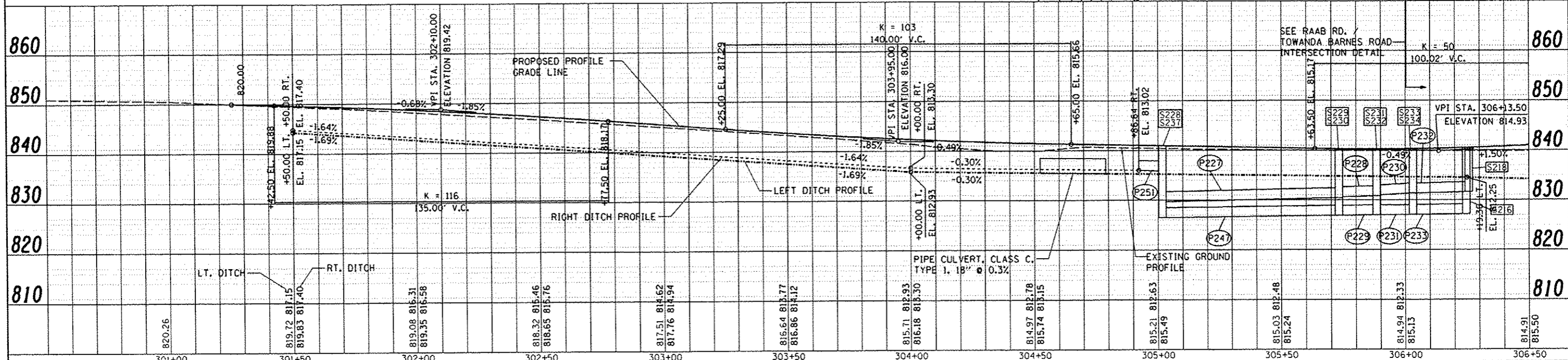
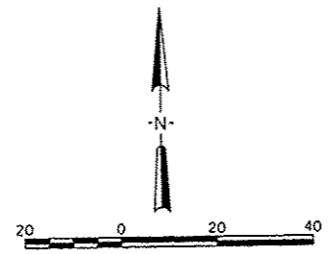
STA. 305+90.89
58.96' LT.

COMBINATION CONCRETE CURB
AND GUTTER, TYPE B-6.18
PROPOSED R.O.W.



LEGEND

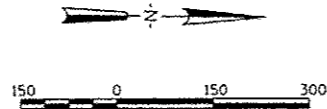
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- PXXX STORM SEWER
- PIPE CULVERT
- ▲ END SECTION
- RIGHT DITCH
- LEFT DITCH
- CONSTRUCTION LIMITS
- PAVEMENT PATCH
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- WIDENING



| | |
|-----------|--|
| DATE | |
| BY | |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| DATE | |
| BY | |
| PROJECT | |
| NOTE BOOK | |
| ALIGNMENT | |
| SECTION | |
| FILE NAME | |

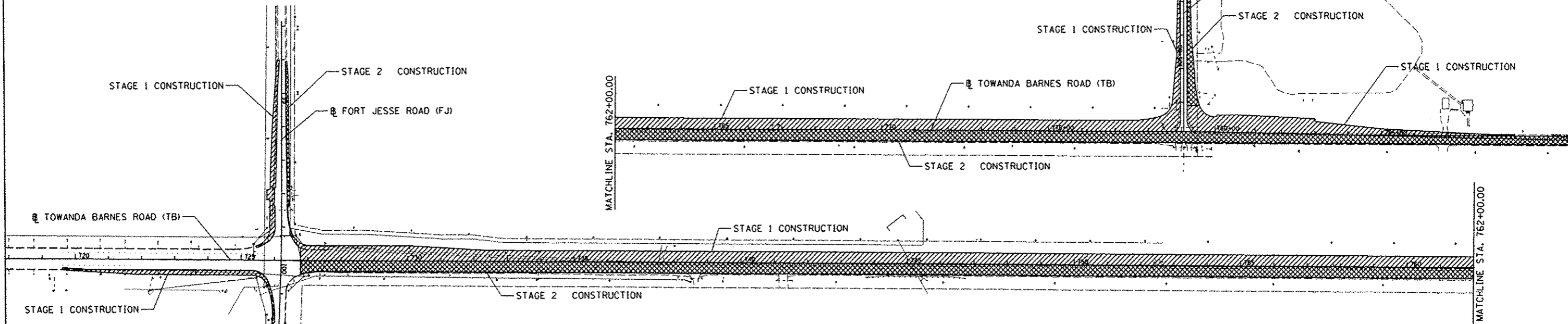
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| PROJECT | |
| NOTE BOOK | |
| ALIGNMENT | |
| SECTION | |
| FILE NAME | |

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| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | RAAB RD. PLAN AND PROFILE | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1:\07\jobs\0710042\CADD\Road\Sheet\c-716.dgn | ender-00846 | DRAWN - DLC | REVISED - | | | | | 6431 | 07-00113-04-FP | McLEAN | 162 | 40 |
| PLOT SCALE | 48.0000 / in. | CHECKED - CAL | REVISED - | SCALE: 1"=20' | | SHEET NO. OF SHEETS | | STA. TO STA. | | CONTRACT NO. 91400 | | |
| PLOT DATE | 8/7/2014 | DATE | 6/27/14 | | | | | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | M-52270491 |



LEGEND

- STAGE 1 CONSTRUCTION
- STAGE 2 CONSTRUCTION



NOTE:
TEMPORARY SIGNS SHALL BE MAINTAINED AT FORT JESSE RD. AND RAAB RD. INTERSECTIONS DURING ALL CONSTRUCTION STAGES.

STAGE 1 CONSTRUCTION (TOWANDA BARNES ROAD)

DURING STAGE 1 OF CONSTRUCTION, TOWANDA BARNES RD. WILL BE WIDENED ON THE EAST SIDE OF THE ROADWAY SOUTH OF THE FORT JESSE RD. INTERSECTION. NORTHBOUND TRAFFIC WILL BE REDUCED TO ONE LANE PRIOR TO ENTERING THE WORK ZONE. ONE 10 FOOT WIDE LANE (MINIMUM) IN EACH DIRECTION WILL BE MAINTAINED AT ALL TIMES. A REDUCED CONSTRUCTION ZONE SPEED LIMIT OF 30 MPH WILL BE IMPLEMENTED THROUGHOUT THE WORK ZONE.

BETWEEN FORT JESSE RD. AND RAAB RD., THE WESTERN HALF OF THE PROPOSED ROADWAY WILL BE CONSTRUCTED UP TO THE PROPOSED ROADWAY BASELINE. NORTH OF RAAB RD. TEMPORARY PAVEMENT WILL BE NEEDED ON THE EAST SIDE OF THE TOWANDA BARNES RD. TO MAINTAIN TWO WAY TRAFFIC.

ALL ENTRANCE CONSTRUCTION WILL BE COORDINATED WITH THE PROPERTY OWNERS. TEMPORARY DRAINAGE CONNECTIONS WILL BE PLACED AT EACH PROPOSED PIPE CROSSING LOCATION PRIOR TO CONSTRUCTING ANY IMPROVEMENT THAT MIGHT BLOCK WATER. THE AREA BETWEEN THE EXISTING ROADWAY AND THE PROPOSED TOE OF CONSTRUCTION SLOPE SHALL BE GRADED AS TO BRING THE WATER TO THESE CONNECTIONS.

STAGE 1 CONSTRUCTION (FORT JESSE ROAD)

DURING STAGE 1 OF CONSTRUCTION, FORT JESSE RD. WILL BE WIDENED TO THE SOUTH OF THE EXISTING ROAD. TEMPORARY PAVEMENT WILL BE NEEDED AT THE ENDS OF BOTH THE EAST AND WEST LEGS TO ALLOW FOR TWO 10' LANES OF TRAFFIC. THE PROPOSED SHOULDERS ON THE WEST LEG WILL BE CONSTRUCTED DURING THIS STAGE AS FULL DEPTH HMA PAVEMENT TO SUPPORT FOR STAGE 2 TRAFFIC.

STAGE 1 CONSTRUCTION (RAAB ROAD)

DURING STAGE 1 OF CONSTRUCTION, RAAB RD. WILL BE WIDENED ON THE SOUTH SIDE OF THE ROADWAY. TEMPORARY PAVEMENT WILL BE NEEDED ON THE NORTH SIDE OF THE ROADWAY TO ALLOW FOR TWO 10' LANES OF TRAFFIC. THE SHOULDERS ON THE SOUTH SIDE OF THE ROADWAY CONSTRUCTED DURING THIS STAGE WILL BE CONSTRUCTED AS FULL DEPTH HMA PAVEMENT TO SUPPORT STAGE 2 TRAFFIC.

STAGE 2 CONSTRUCTION (TOWANDA BARNES ROAD)

DURING STAGE 2 OF CONSTRUCTION, TRAFFIC WILL BE SHIFTED ONTO THE NEWLY CONSTRUCTED STAGE 1 PAVEMENT AND CONSTRUCTION WILL BE COMPLETED ON THE AREA EAST OF THE TOWANDA BARNES RD. BASELINE. ONE 10 FOOT WIDE LANE (MINIMUM) IN EACH DIRECTION WILL BE MAINTAINED AT ALL TIMES. A REDUCED CONSTRUCTION ZONE SPEED LIMIT OF 30 MPH WILL BE IMPLEMENTED THROUGHOUT THE WORK ZONE. TEMPORARY PAVEMENT AND DITCHES WILL BE CONSTRUCTED UPON COMPLETION OF THE WESTERN HALF OF THE ROADWAY NORTH OF RAAB RD. TO ALLOW FOR TWO WAY TRAFFIC TO BE MAINTAINED. THE TEMPORARY DRAINAGE CONNECTIONS WILL BE REMOVED ONCE THEY ARE NO LONGER NEEDED DURING THIS STAGE OF CONSTRUCTION. ALL ENTRANCE CONSTRUCTION WILL BE COORDINATED WITH THE PROPERTY OWNERS.

STAGE 2 CONSTRUCTION (FORT JESSE ROAD)

DURING STAGE 2 OF CONSTRUCTION, FORT JESSE RD. WILL BE WIDENED TO THE NORTH. TWO WAY TRAFFIC WILL BE MAINTAINED WITH A MINIMUM OF 10' LANE WIDTHS. TRAFFIC WILL BE SHIFTED ONTO PART OF THE FULL DEPTH SHOULDER BUILT IN STAGE 1 CONSTRUCTION WHERE APPLICABLE.

STAGE 2 CONSTRUCTION (RAAB ROAD)

DURING STAGE 2 OF CONSTRUCTION, RAAB RD. WILL BE WIDENED TO THE NORTH. TWO WAY TRAFFIC WILL BE MAINTAINED WITH A MINIMUM OF 10' LANE WIDTHS. TRAFFIC WILL BE SHIFTED ONTO PART OF THE FULL DEPTH SHOULDER BUILT IN STAGE 1 CONSTRUCTION WHERE APPLICABLE.

STAGE 3 CONSTRUCTION

DURING STAGE 3 OF CONSTRUCTION, ALL TEMPORARY PAVEMENT FROM PREVIOUS STAGES SHALL BE REMOVED. THE DISTURBED AREAS SHALL BE BROUGHT TO FINAL GRADE WITH TOPSOIL PLACED AND THEN PERMANENTLY SEEDED. THE SHOULDER ON TOWANDA BARNES RD. BETWEEN 784+50 AND THE END OF THE PROJECT SHALL BE CONSTRUCTED AND DITCHES GRADED TO THEIR FINAL LOCATION. TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED. THE SURFACE COURSE SHALL BE PAVED DURING THIS STAGE AND THE PERMANENT PAVEMENT MARKINGS SHALL BE PLACED. BIDIRECTIONAL TRAFFIC SHALL BE MAINTAINED THROUGHOUT PAVING OPERATIONS.

| STAGE | BEGIN STATION | END STATION | AREA SQ YD |
|-------|---------------|--------------|------------|
| 1 | 93+25.34 | TO 94+74.78 | 69 |
| 1 | 104+60.00 | TO 106+60.38 | 81 |
| 1 | 300+64.08 | TO 779+63.76 | 393 |
| 1 | 782+72.01 | TO 789+30.96 | 284 |
| 2 | 784+53.48 | TO 792+55.54 | 1313 |
| TOTAL | | | 2140 |

| STAGE | DRIVEWAY STATION | AREA | QUANTITY TONS |
|-------|------------------|-----------|---------------|
| 1 | 98+02.66 | 268 SQ FT | 20 |
| 1 | 737+66.09 | 397 SQ FT | 30 |
| 1 | 752+29.68 | 397 SQ FT | 30 |
| 1 | 766+80.61 | 397 SQ FT | 30 |
| 2 | 97+98.31 | 311 SQ FT | 24 |
| 2 | 102+33.07 | 320 SQ FT | 24 |
| 2 | 102+82.63 | 332 SQ FT | 26 |
| 2 | 738+64.41 | 397 SQ FT | 30 |
| 2 | 741+27.65 | 397 SQ FT | 30 |
| 2 | 758+78.81 | 397 SQ FT | 30 |
| 2 | 778+91.17 | 397 SQ FT | 30 |
| 2 | 779+22.89 | 397 SQ FT | 30 |
| 2 | 786+84.89 | 311 SQ FT | 24 |
| 2 | 304+65.78 | 223 SQ FT | 18 |
| TOTAL | | | 376 |

*QUANTITY CALCULATED ASSUMING TWO APPLICATIONS

| LOCATION | EARTH EXCAVATION | EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 25% SHRINKAGE | EMBANKMENT | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) |
|----------------|------------------|--|------------|---|
| | CUBIC YARD | CUBIC YARD | CUBIC YARD | CUBIC YARD |
| TOWANDA BARNES | 325 | 244 | 282 | -39 |
| FORT JESSE | 22 | 17 | 26 | -9 |
| RAAB | 66 | 50 | 56 | -6 |
| TOTAL | 413 | 311 | 364 | -53 |

| STAGE | STATION | OFFSET | EACH |
|-------|-----------|-----------|------|
| 1 | 745+03.78 | 9.20' RT. | 1 |
| 1 | 746+83.78 | 9.35' RT. | 1 |
| TOTAL | | | 2 |

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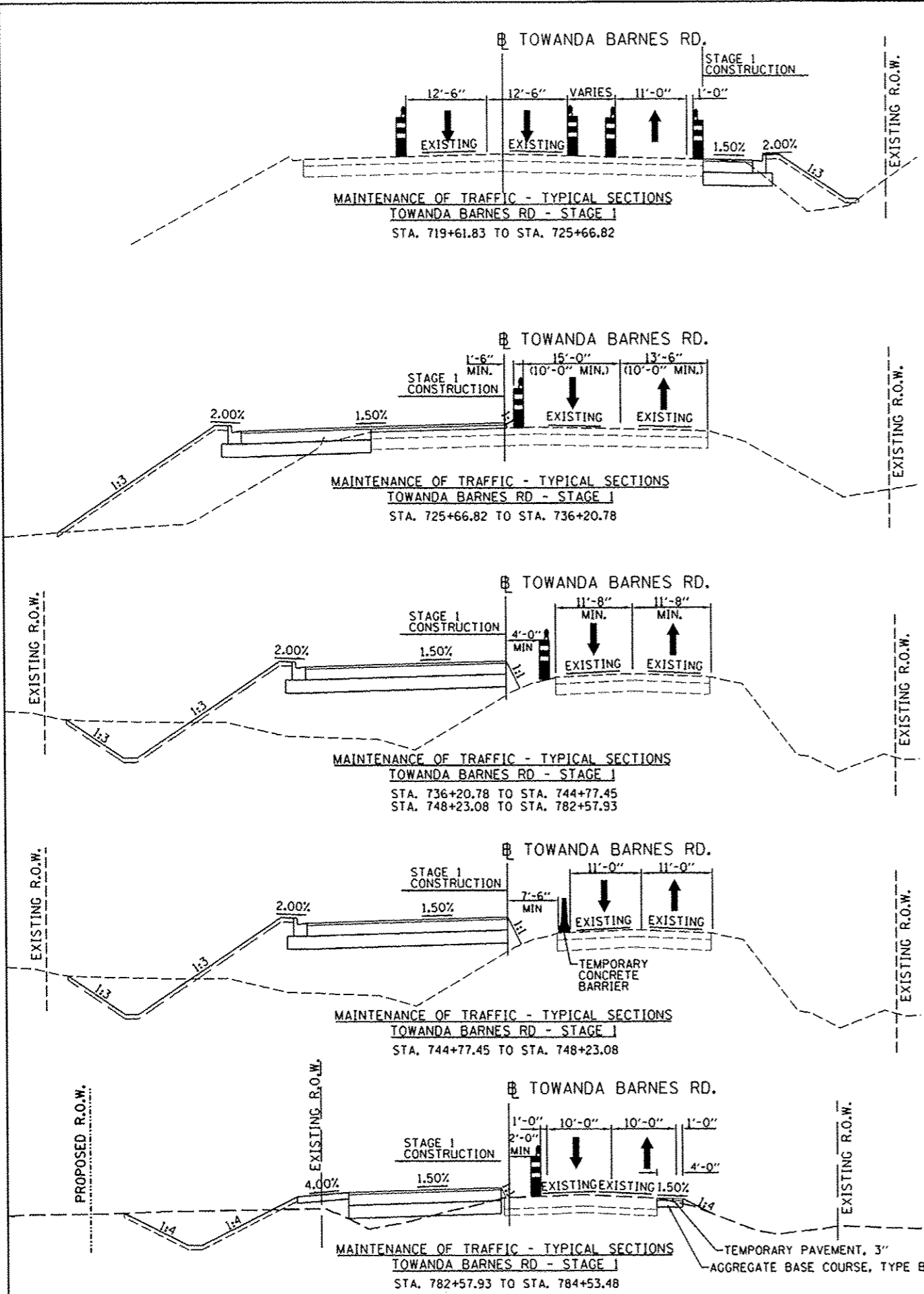
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| DRAWN - | DLC | REVISED - | |
| CHECKED - | MGD | REVISED - | |
| DATE - | 6/27/14 | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

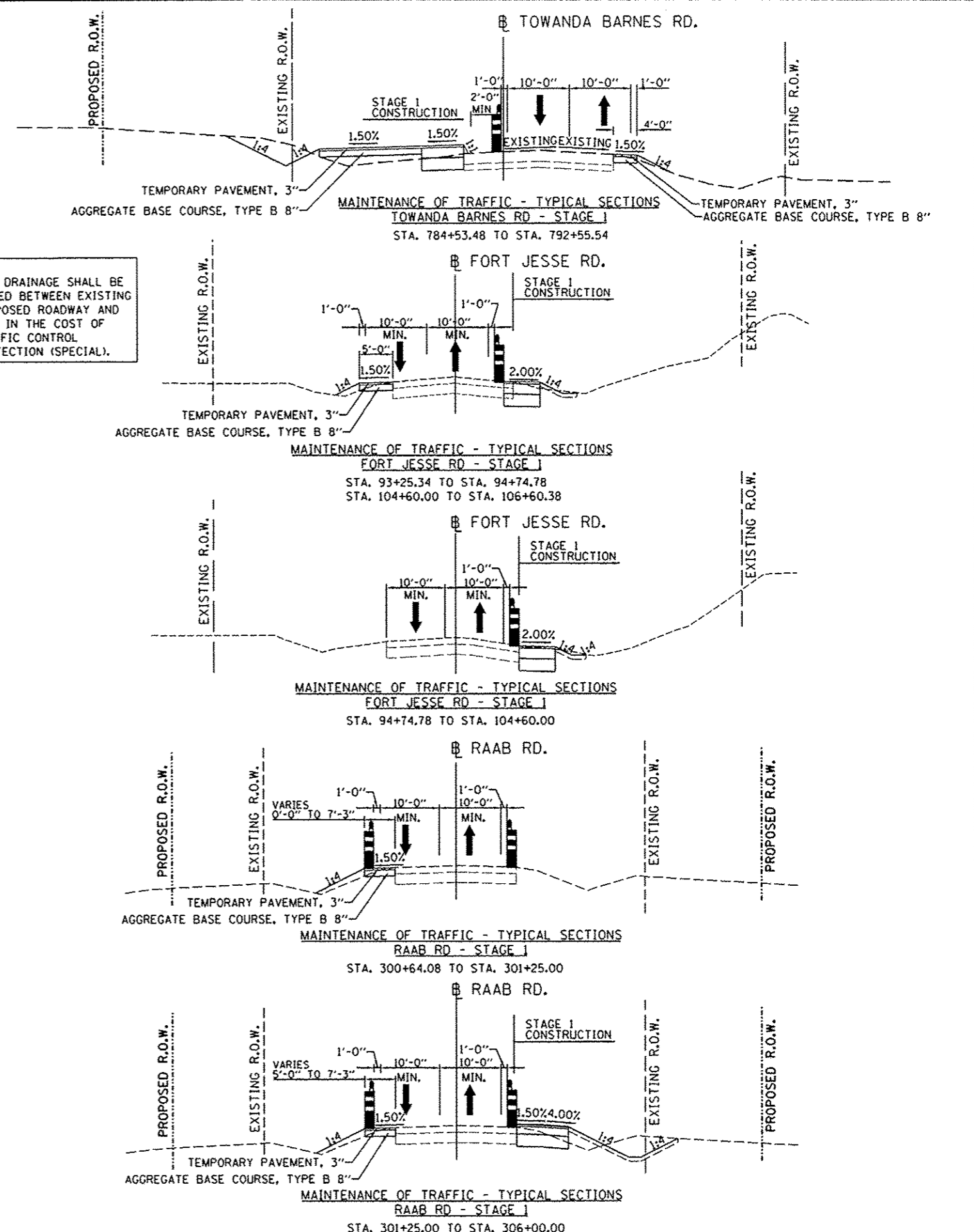
**CONSTRUCTION STAGING OVERVIEW
AND GENERAL NOTES**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|----------------|--------|--------------|-----------|
| 6431 | 07-00113-04-FP | MCLEAN | 162 | 42 |
| CONTRACT NO. | | | | 91400 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | | | |



NOTE:
POSITIVE DRAINAGE SHALL BE MAINTAINED BETWEEN EXISTING AND PROPOSED ROADWAY AND INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION (SPECIAL).

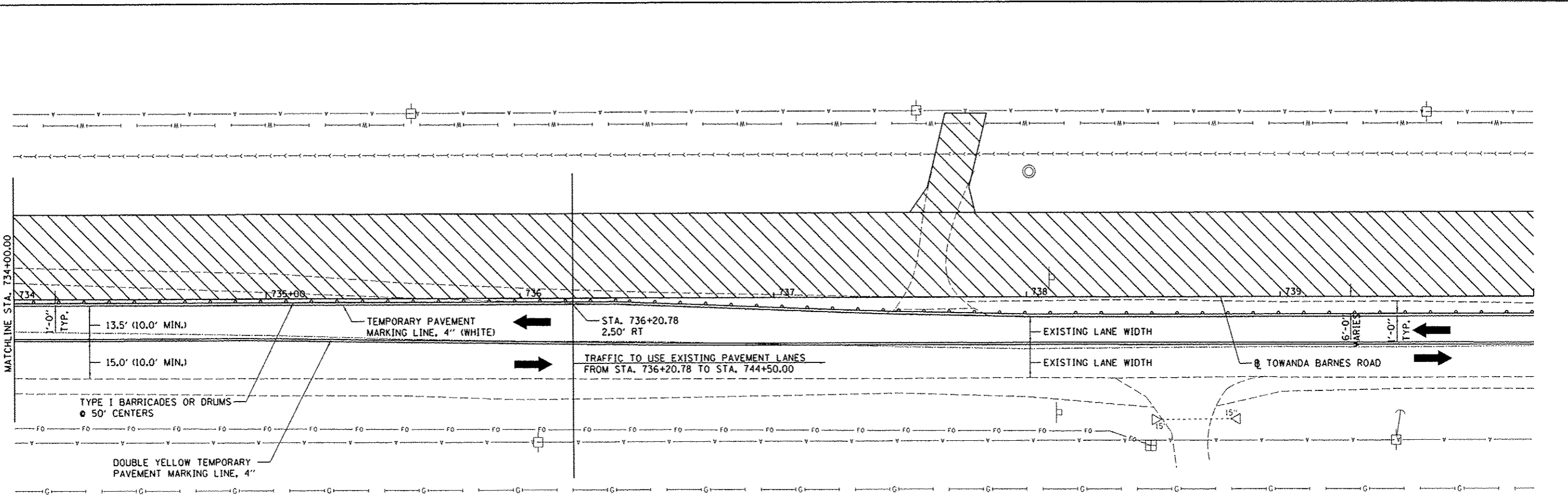
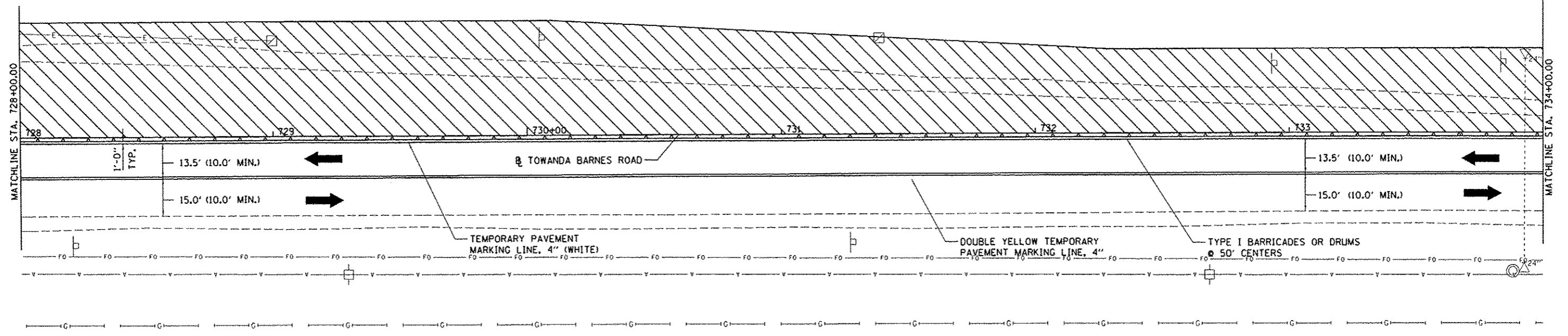
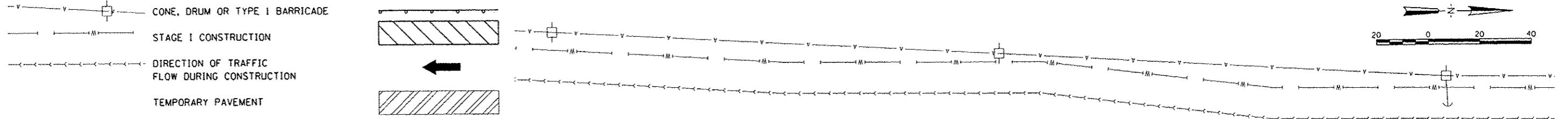


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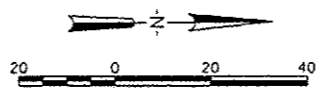
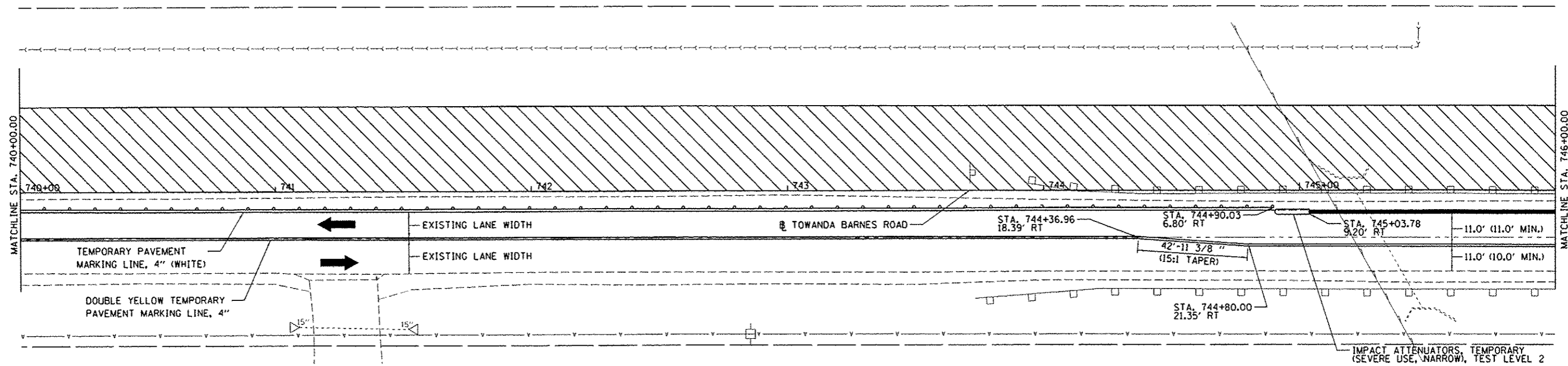
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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|--|---------------------|------------------|------------------------|---------------|------------------|--------------|
| CONSTRUCTION STAGING STAGE 1 TYPICAL SECTIONS | | F.A.U. RTE. 643) | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 43 |
| SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA. | CONTRACT NO. 91400 | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT W-52270491 | | | | | | |

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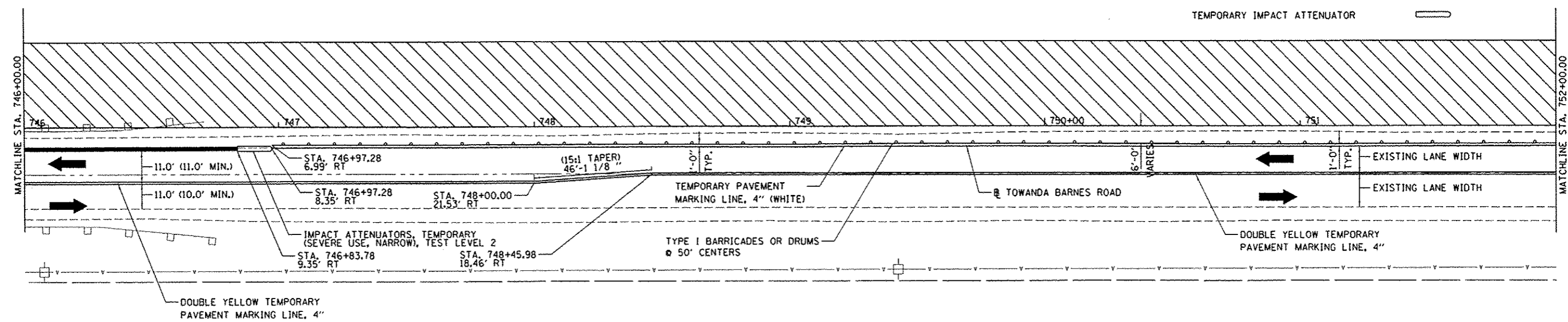


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| | PLOT SCALE : 40,0000 / in. | CHECKED - MGD | REVISED - | | | SCALE: 1"=20' | SHEET NO. OF SHEETS STA. TO STA. | CONTRACT NO. 91400 | | |
| | PLOT DATE : 8/7/2014 | DATE - 6/27/14 | REVISED - | | | FED. ROAD DIST. NO. ILLINOIS | FED. AID PROJECT M-5227G49I | | | |
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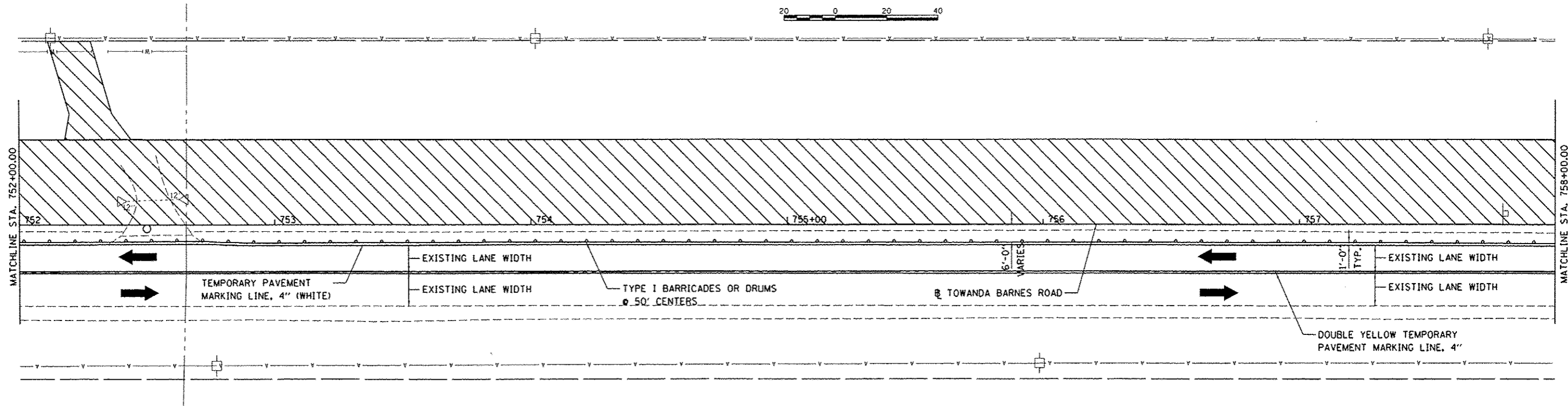
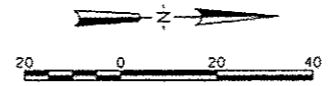


LEGEND

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| CONE, DRUM OR TYPE I BARRICADE | |
| STAGE I-A CONSTRUCTION | |
| DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION | |
| TEMPORARY PAVEMENT | |
| TEMPORARY CONCRETE BARRIER | |
| TEMPORARY IMPACT ATTENUATOR | |

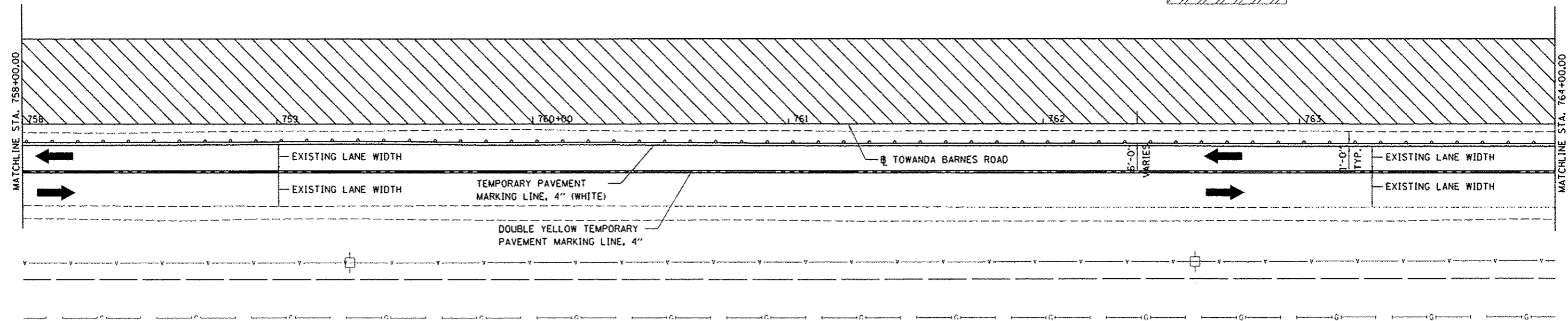


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| CHECKED - MGD | DATE - 6/27/14 | REVISED - | REVISED - | | ILLINOIS FED. AID PROJECT W-52270491 | | | | | | | |
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LEGEND

- CONE, DRUM OR TYPE I BARRICADE
- STAGE I-A CONSTRUCTION
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- TEMPORARY PAVEMENT



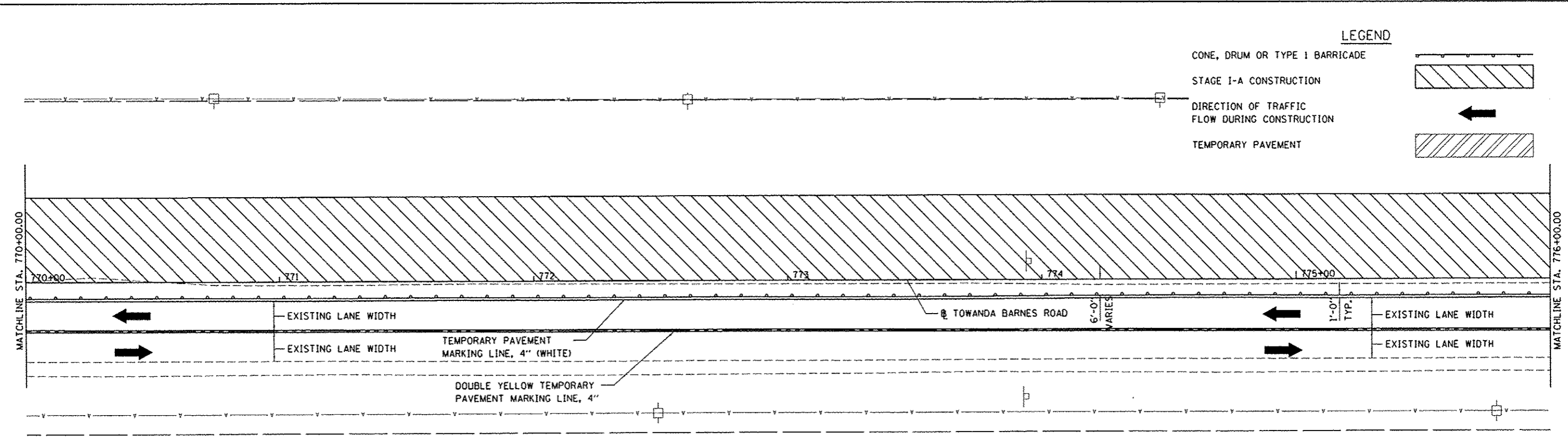
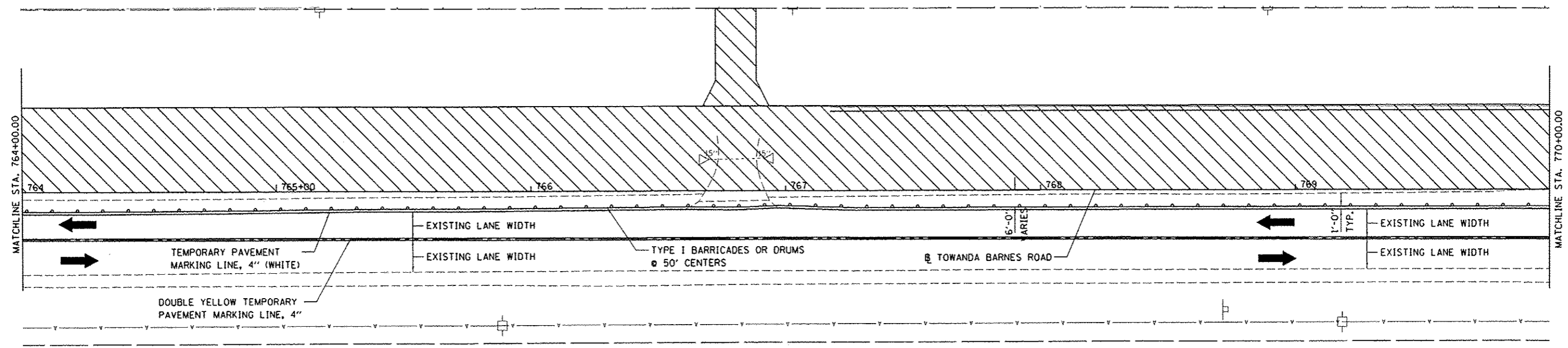
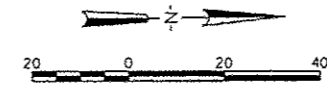
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

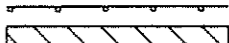
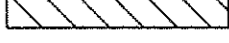

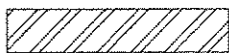
**TOWANDA BARNES RD.
STAGING PLAN, STAGE 1**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--|-----------|
| 6431 | 07-00113-04-FP | MCLEAN | 162 | 47 |
| CONTRACT NO. 91400 | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | |

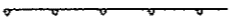





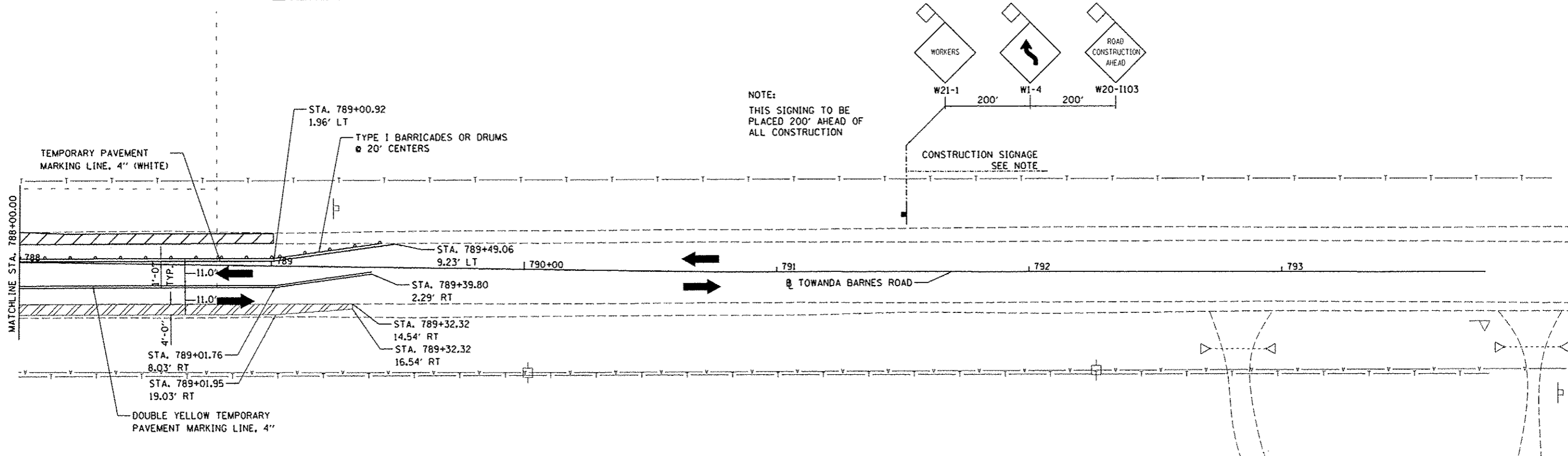
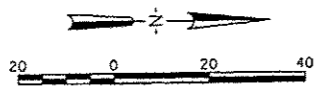
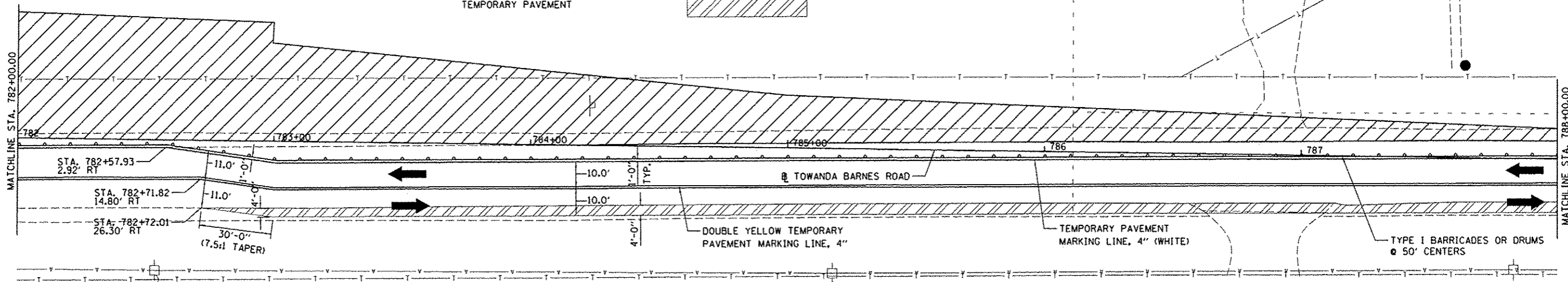
LEGEND

- CONE, DRUM OR TYPE 1 BARRICADE 
- STAGE I-A CONSTRUCTION 
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION 
- TEMPORARY PAVEMENT 

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| PLOT DATE - 07/2014 | | DATE - 6/27/14 | REVISED - | | SHEET NO. OF SHEETS STA. TO STA. | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52210491 | | | | |

LEGEND

- CONE, DRUM OR TYPE 1 BARRICADE 
- STAGE I CONSTRUCTION 
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION 
- TEMPORARY PAVEMENT 



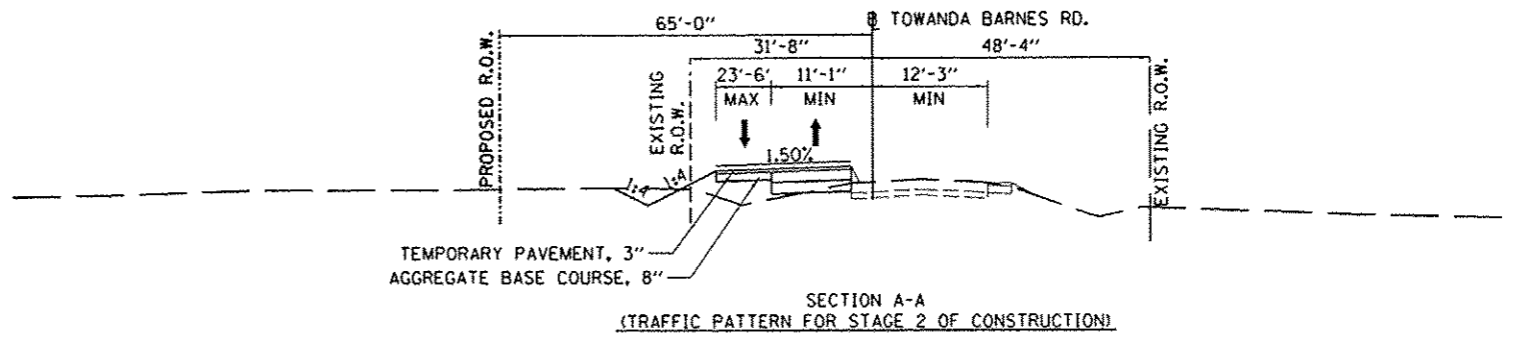
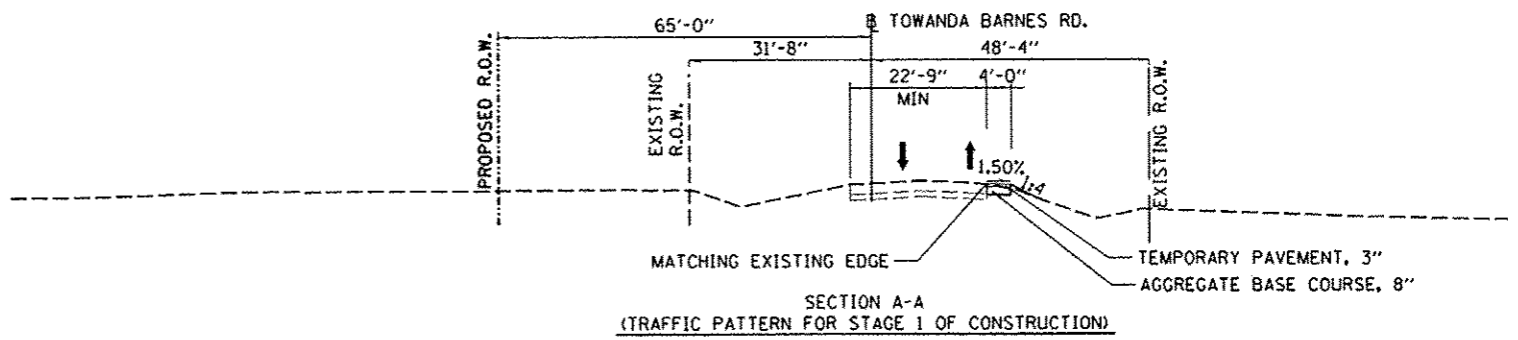
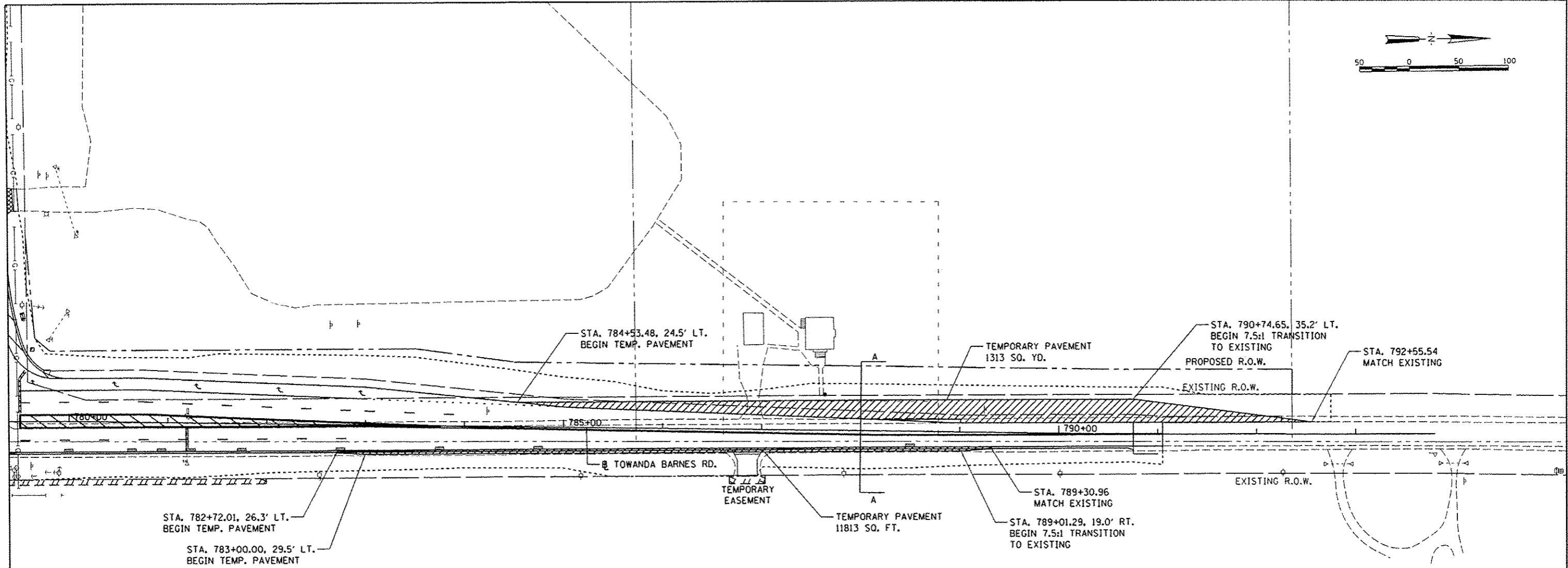
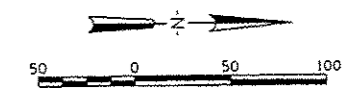
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| | | CHECKED | REVISED |
| | | MGD | - |
| | | DATE | REVISED |
| | | 6/27/14 | - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOWANDA BARNES RD.
STAGING PLAN, STAGE 1

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

| | | | | |
|---------------------|----------------|---------------------------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | MCLEAN | 162 | 50 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | CONTRACT NO. 91400 |
| | | M-5227049 | | |



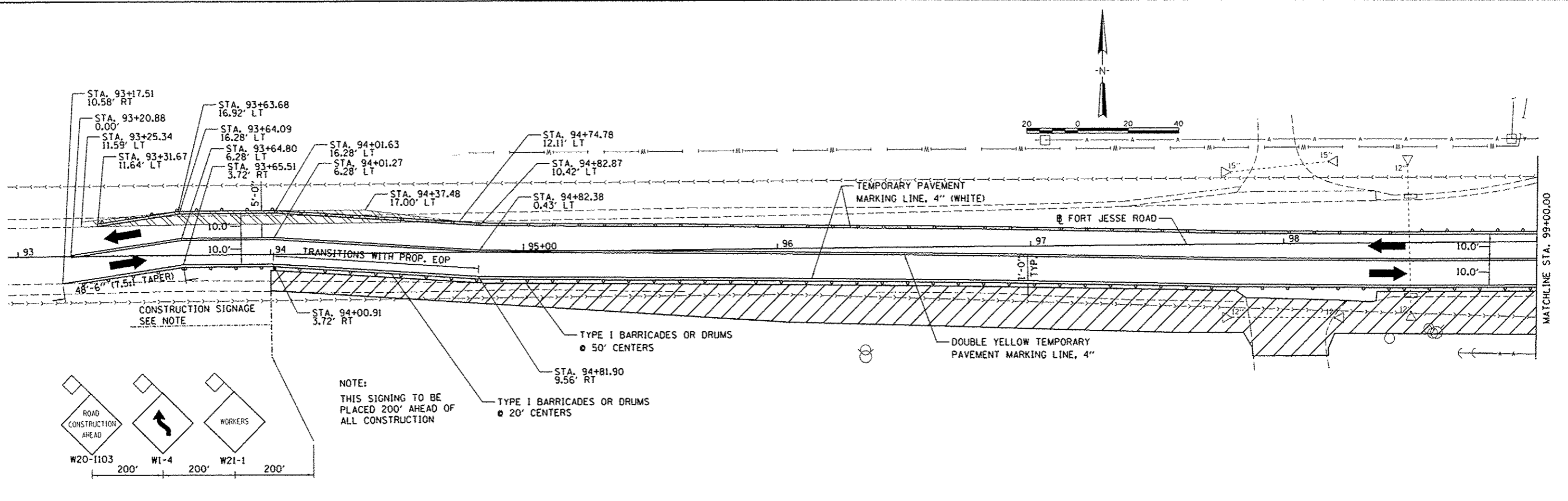
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| PLOT DATE = 6/27/14 | | DATE - 6/27/14 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

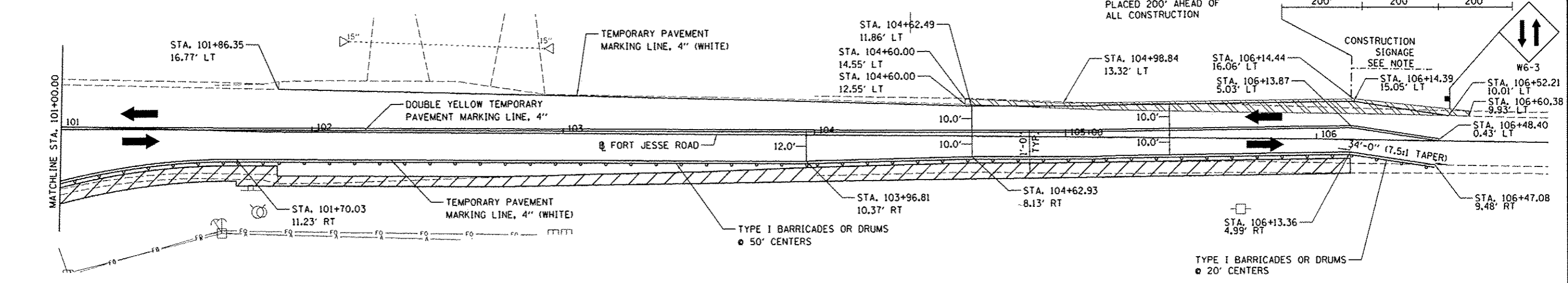
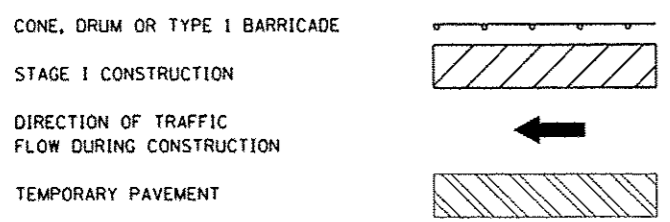
**TOWANDA BARNES RD.
TEMPORARY PAVEMENT DETAILS**

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

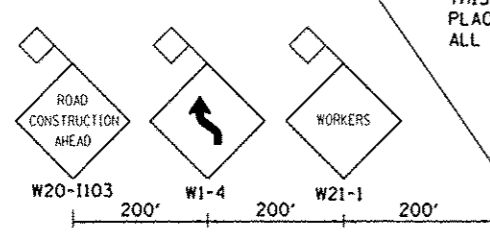
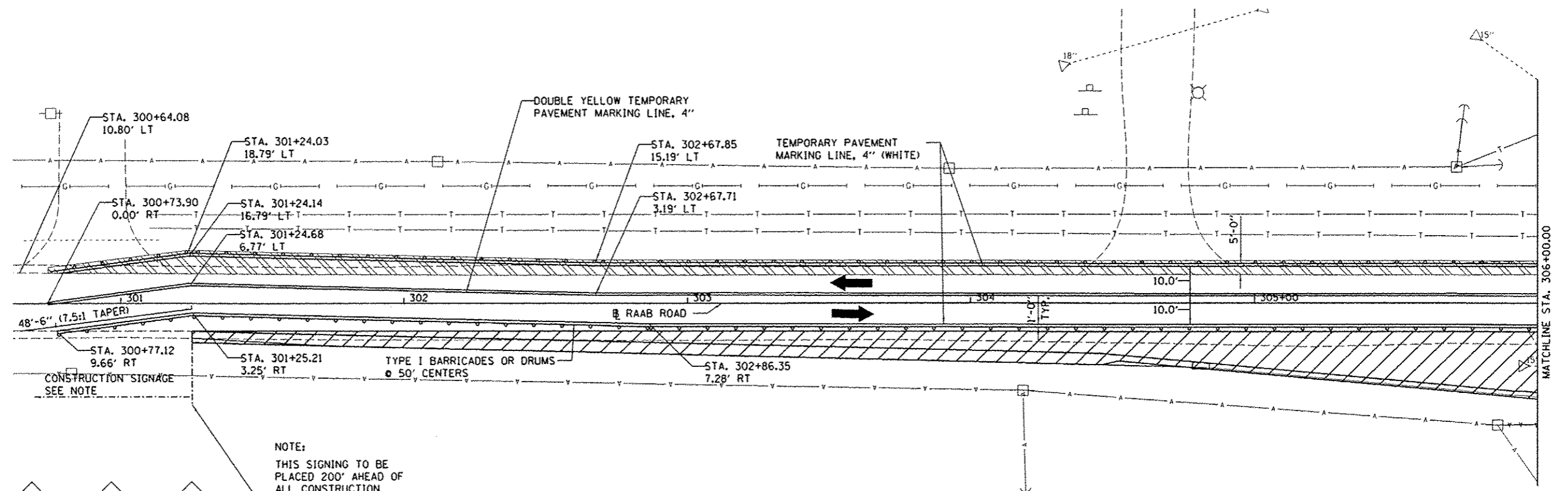
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|---------------------|----------------|---------------------------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 643I | 07-00113-04-FP | MCLEAN | 162 | 51 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | CONTRACT NO. 91400 |
| | | M-52270491 | | |



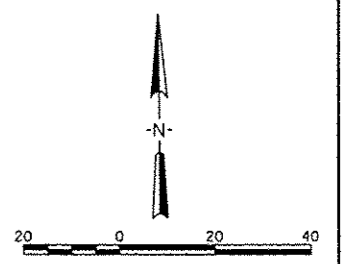
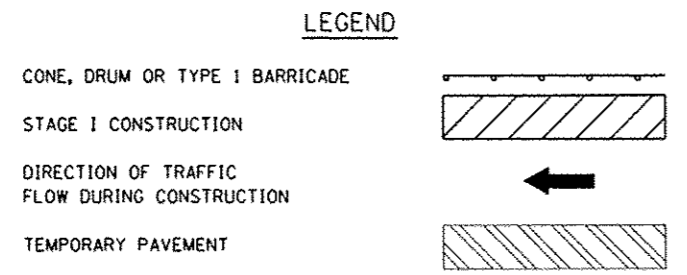
LEGEND



| | | | | | | | | | | | | |
|---|-------------------------|-----------------|-----------|---|--|-----------|-----------|---------------------|---------------------------|--------------------|---------------------|-----------------|
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| PLOT SCALE 1"=40.0000' | CHECKED MCD | DATE 6/27/14 | REVISED - | | SCALE: 1"=20' | SHEET NO. | OF SHEETS | STA. | TO STA. | CONTRACT NO. 91400 | | |
| PLOT DATE 8/7/2014 | DATE 6/27/14 | REVISED - | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT W-52270491 | | | | | | | |
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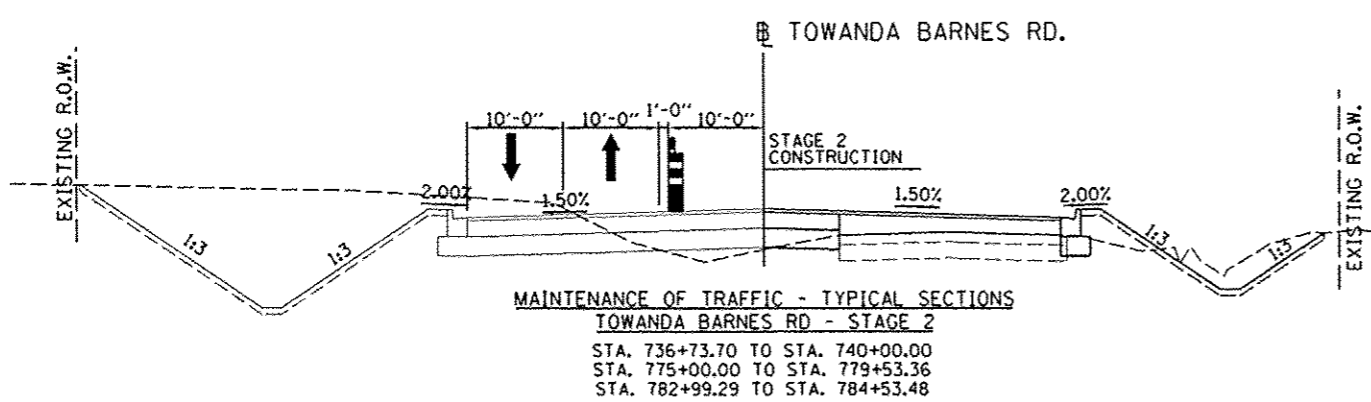
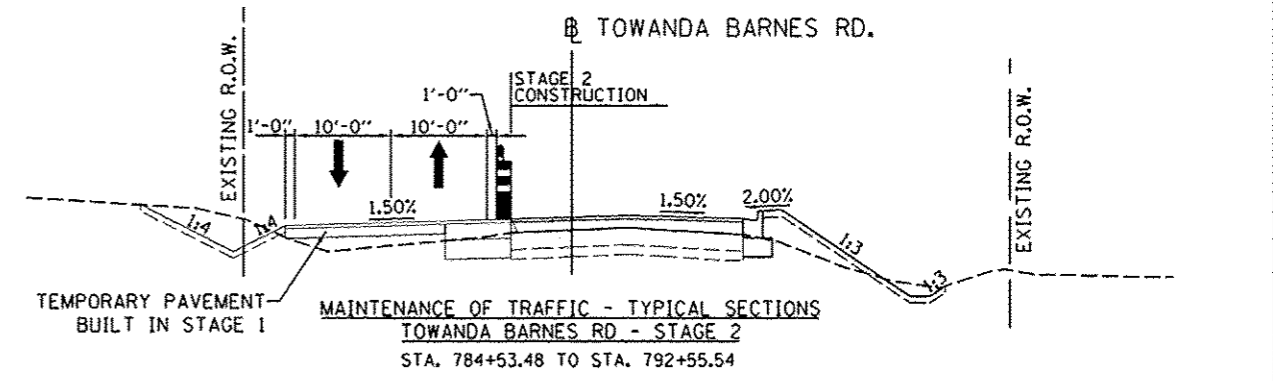
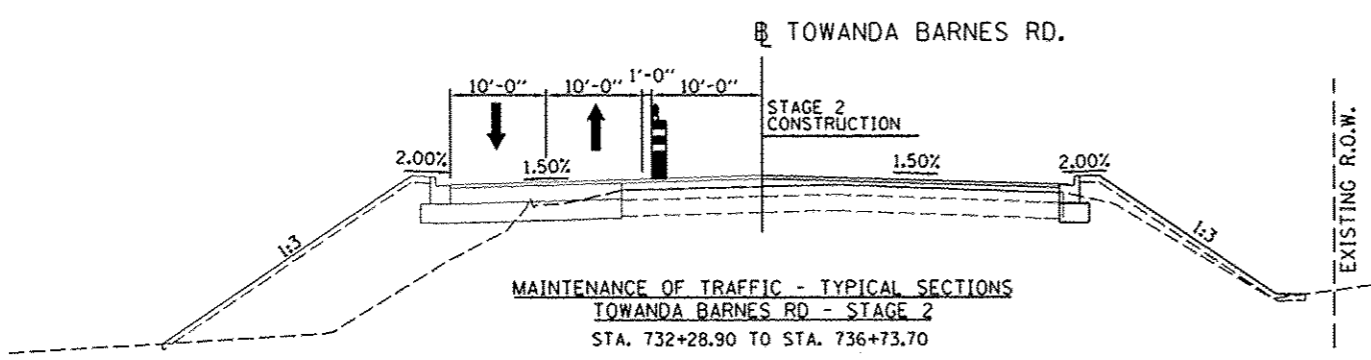
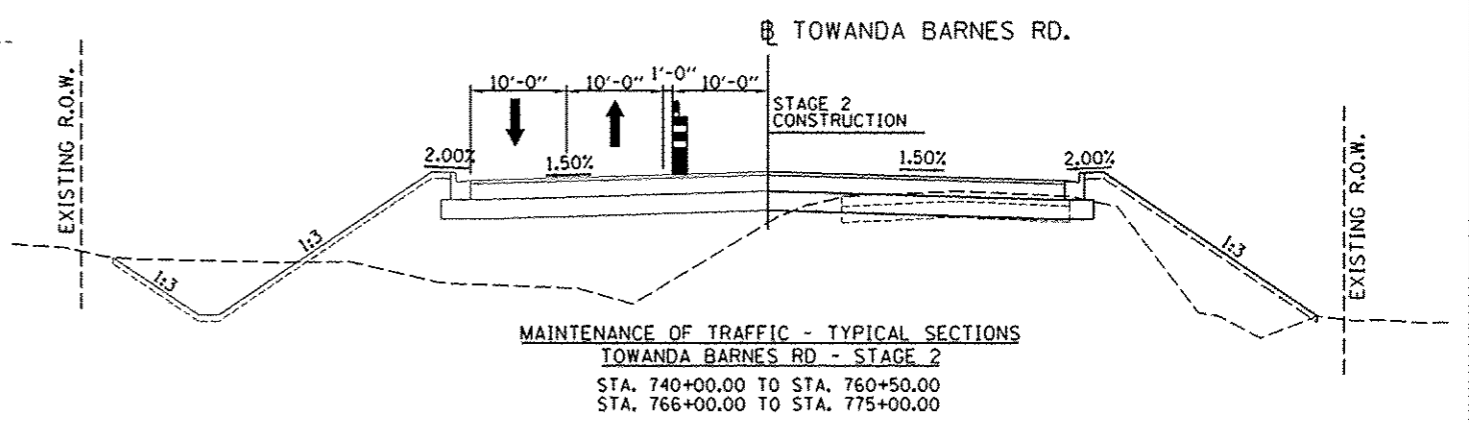
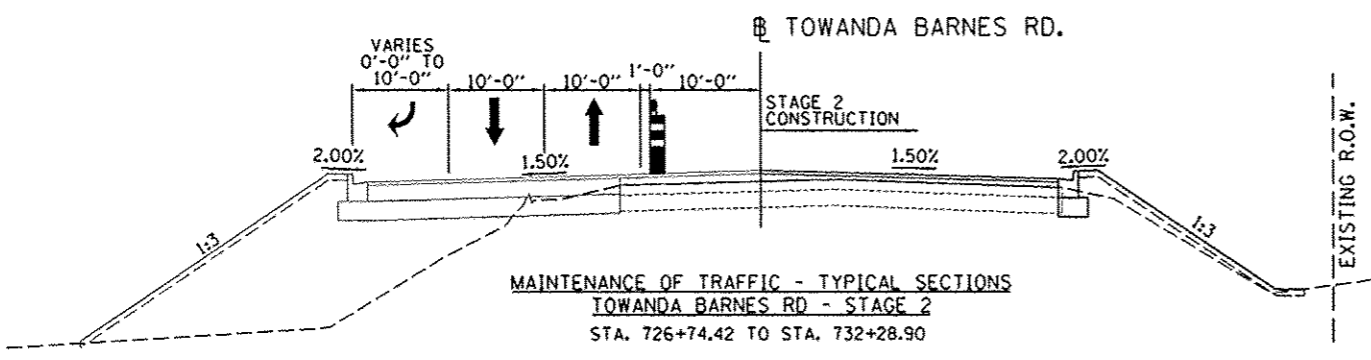
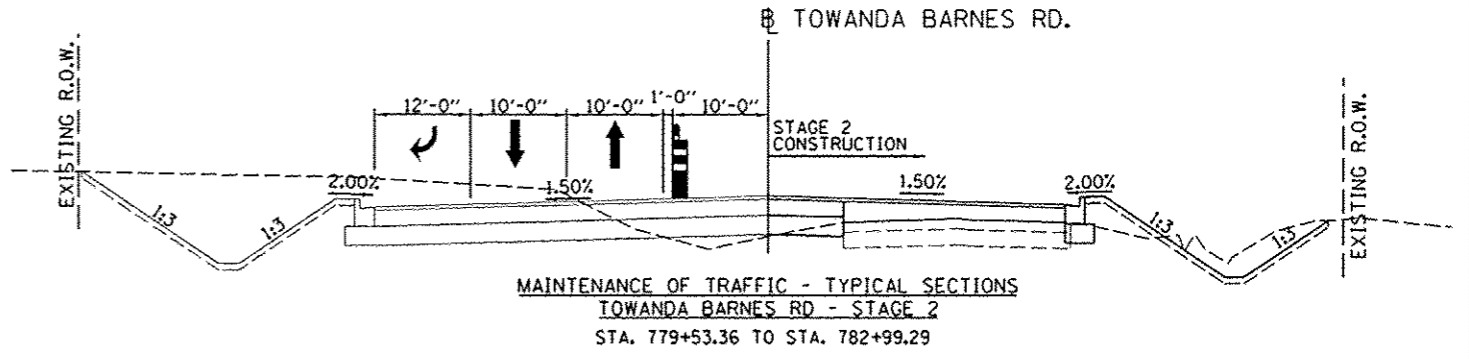
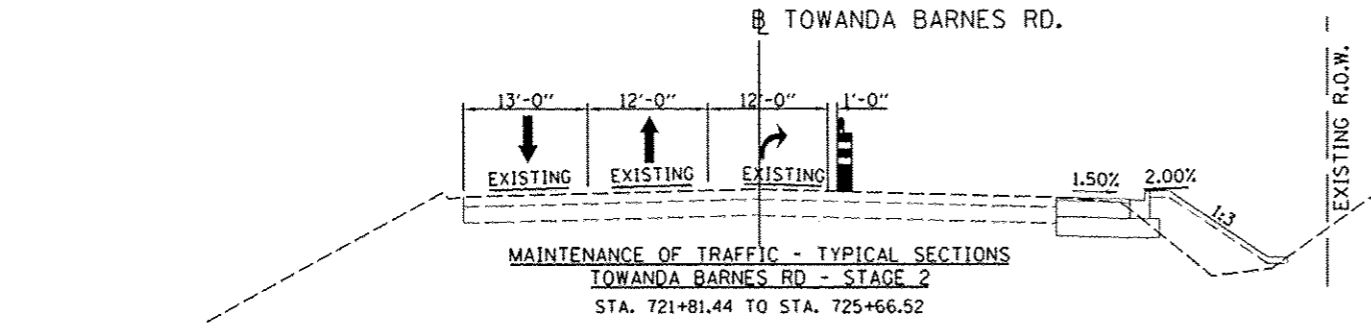


NOTE:
THIS SIGNING TO BE
PLACED 200' AHEAD OF
ALL CONSTRUCTION



| | | | | | | | | | | | |
|---|---------------------------------|----------------|-----------|---|---|---------------------|----------------|--|--------|--------------------|--------------|
| FILE NAME : I:\07\jobs\07L0042\CA00\Road\Sheet\c-10\stg1.dgn | USER NAME : andr00846 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | RAAB RD. STAGING PLAN, STAGE 1 | | F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE : 40.0000' = 1" / 2" | CHECKED - MGD | REVISED - | | | | 6431 | 07-00113-04-FP | MCLEAN | 162 | 53 |
| PLOT DATE : 8/27/2014 | DATE - 6/27/14 | REVISED - | REVISED - | SCALE: 1"=20' | | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | CONTRACT NO. 91400 | |

NOTE:
POSITIVE DRAINAGE SHALL BE MAINTAINED BETWEEN EXISTING AND PROPOSED ROADWAY AND INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION (SPECIAL).



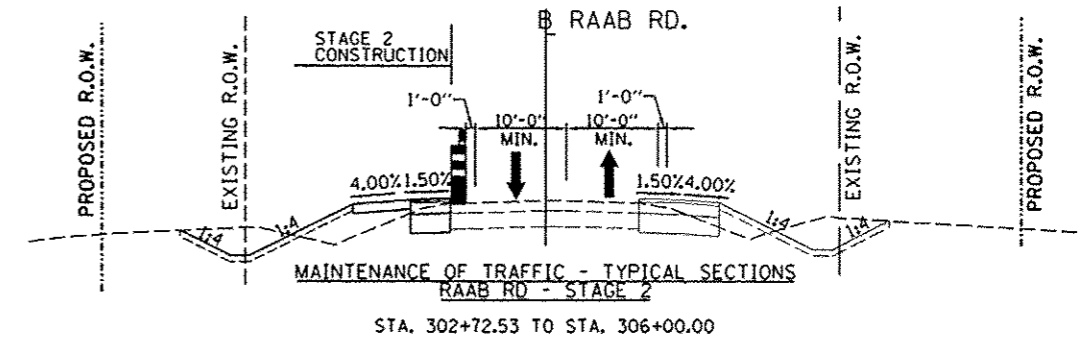
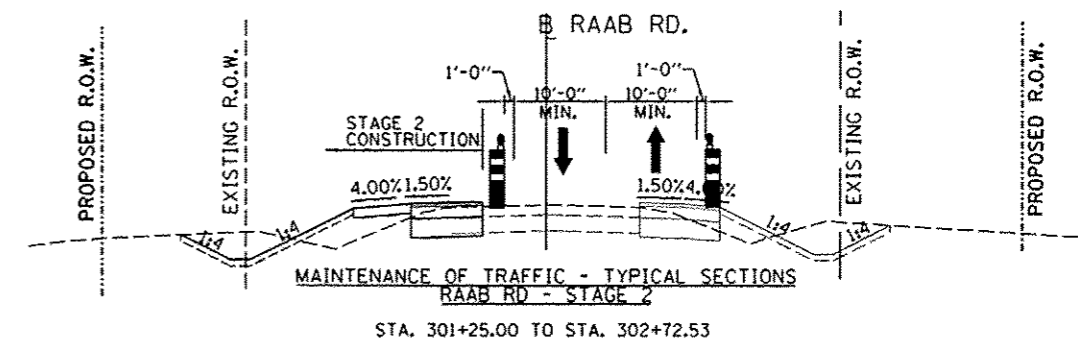
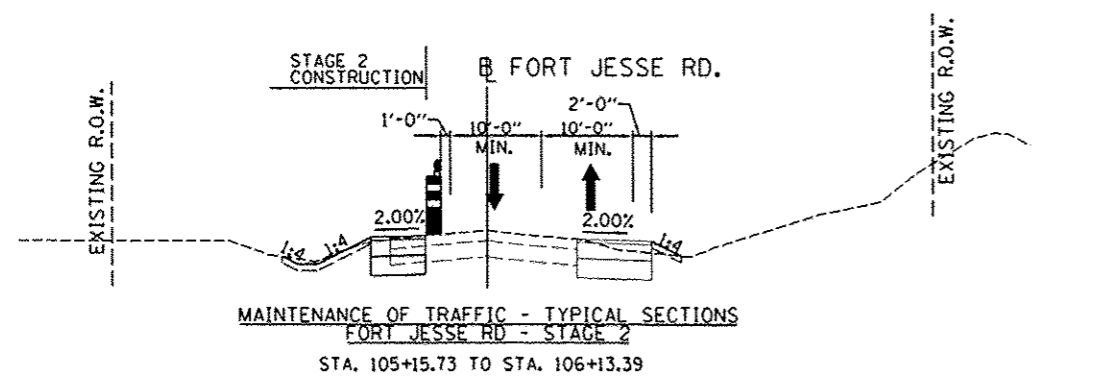
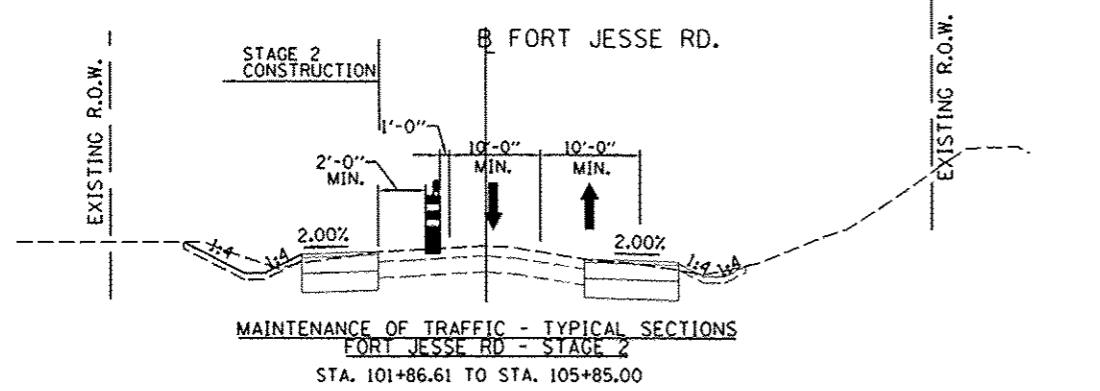
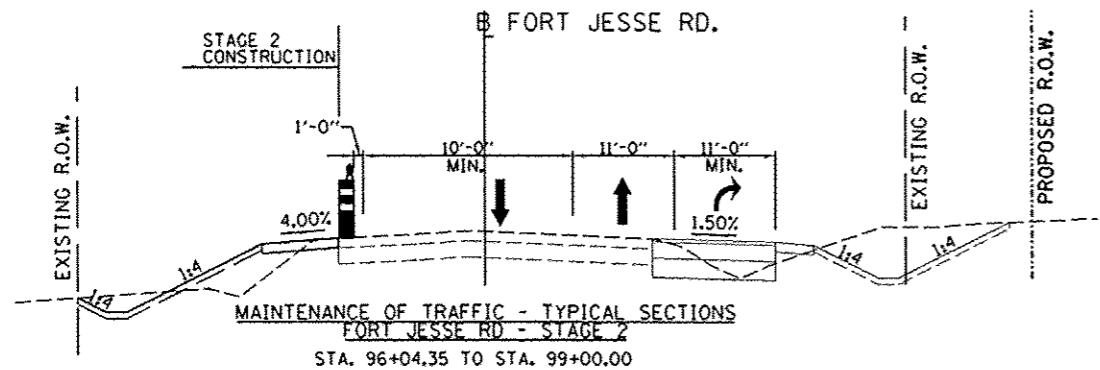
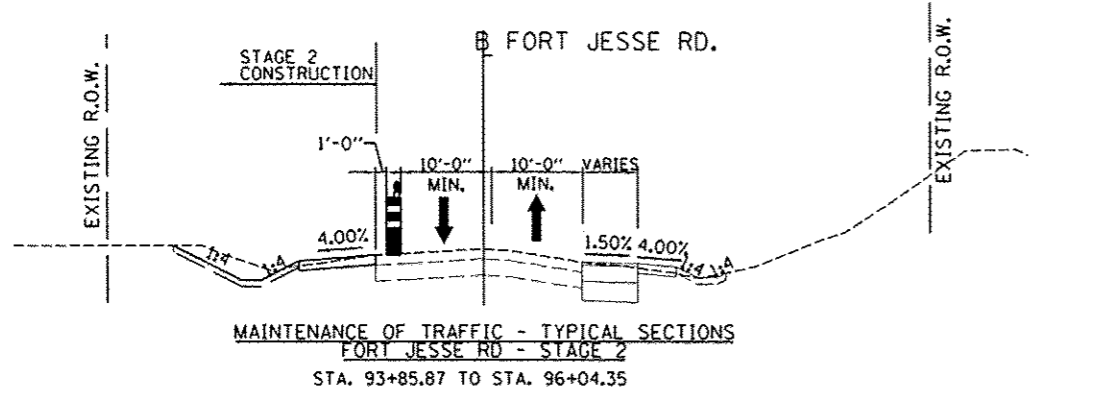
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| | | DRAWN - DLC | REVISED - |
| | | CHECKED - HGD | REVISED - |
| | | DATE - 6/27/14 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|---------------------|--------------|--|
| CONSTRUCTION STAGING STAGE 2 TYPICAL SECTIONS | | | |
| SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA. | |

| | | | | |
|---|------------------------|---------------|--------------------|--------------|
| F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY MCLEAN | TOTAL SHEETS 162 | SHEET NO. 54 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-522710491 | | | CONTRACT NO. 91400 | |

NOTE:
 POSITIVE DRAINAGE SHALL BE
 MAINTAINED BETWEEN EXISTING
 AND PROPOSED ROADWAY AND
 INCLUDED IN THE COST OF
 THE TRAFFIC CONTROL
 AND PROTECTION (SPECIAL).



| | | | |
|---|------------------------|----------------|-----------|
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| PLOT DATE = 8/7/2014 | DATE = 6/27/14 | | REVISED - |

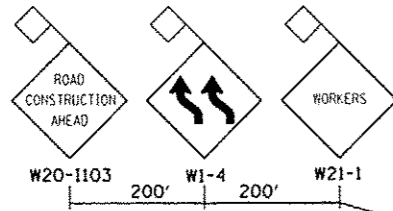
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-----------|-----------|--------------|
| CONSTRUCTION STAGING STAGE 2 TYPICAL SECTIONS | | | |
| SCALE: N.T.S. | SHEET NO. | OF SHEETS | STA. TO STA. |

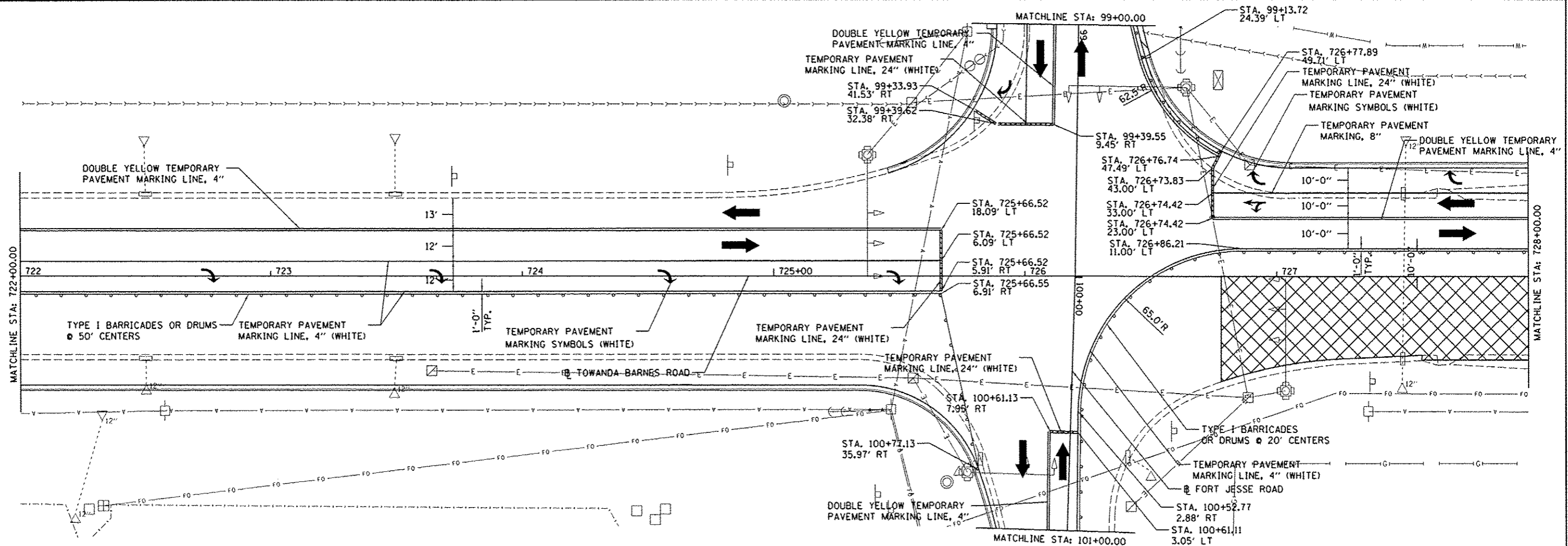
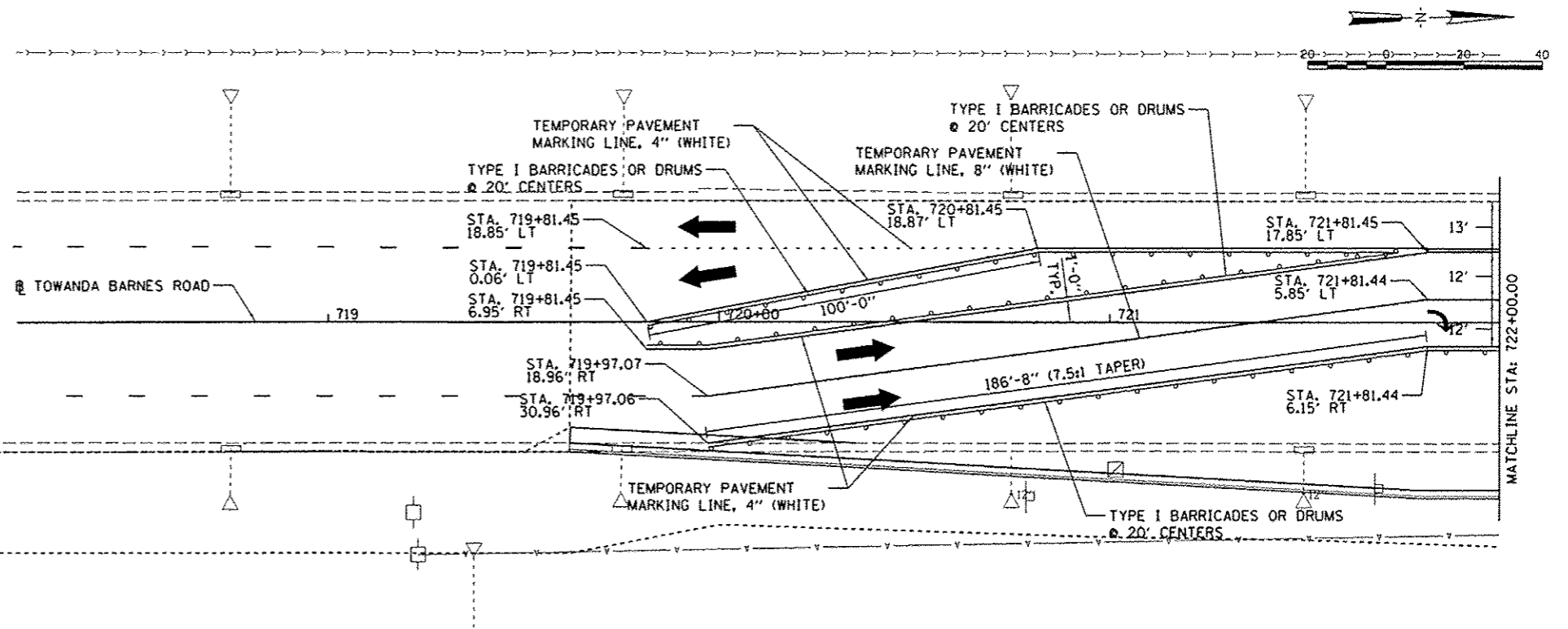
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | McLEAN | 162 | 55 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT M-5221(049) | |
| | | | CONTRACT NO. 91400 | |

LEGEND

- CONE, DRUM OR TYPE I BARRICADE
- STAGE II CONSTRUCTION
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- TEMPORARY PAVEMENT



NOTE:
THIS SIGNING TO BE
PLACED 200' AHEAD OF
ALL CONSTRUCTION



FILE NAME = I:\07jobs\07L0042\ROAD\Sheet\110
USER NAME = andr00846
DRAWN - DLC
CHECKED - MGD
DATE - 6/27/14

DESIGNED - DLC
DRAWN - DLC
CHECKED - MGD
DATE - 6/27/14

REVISED -
REVISED -
REVISED -
REVISED -

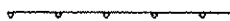


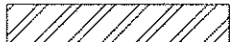
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

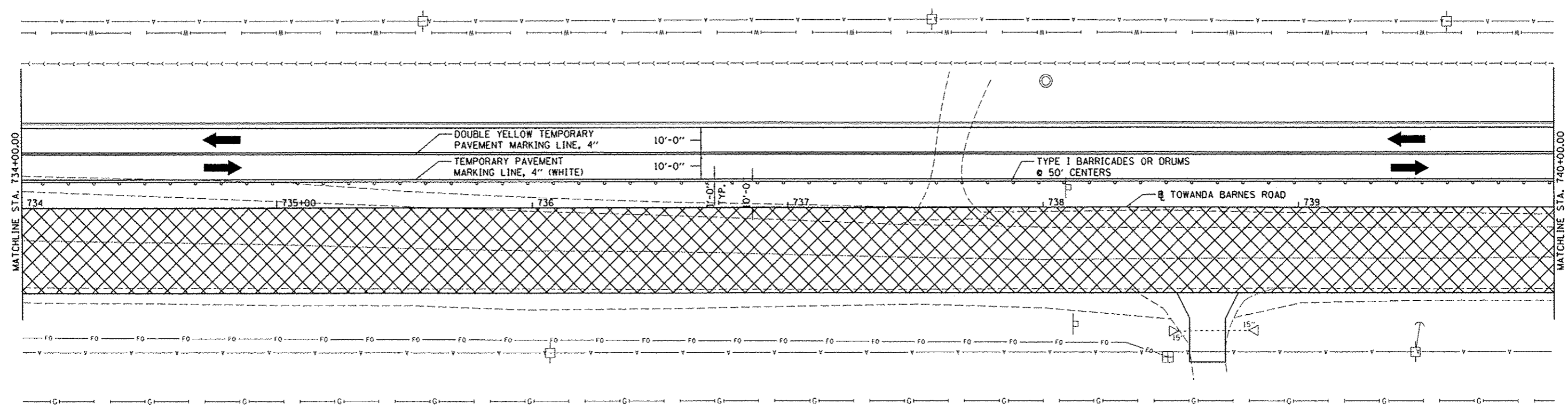
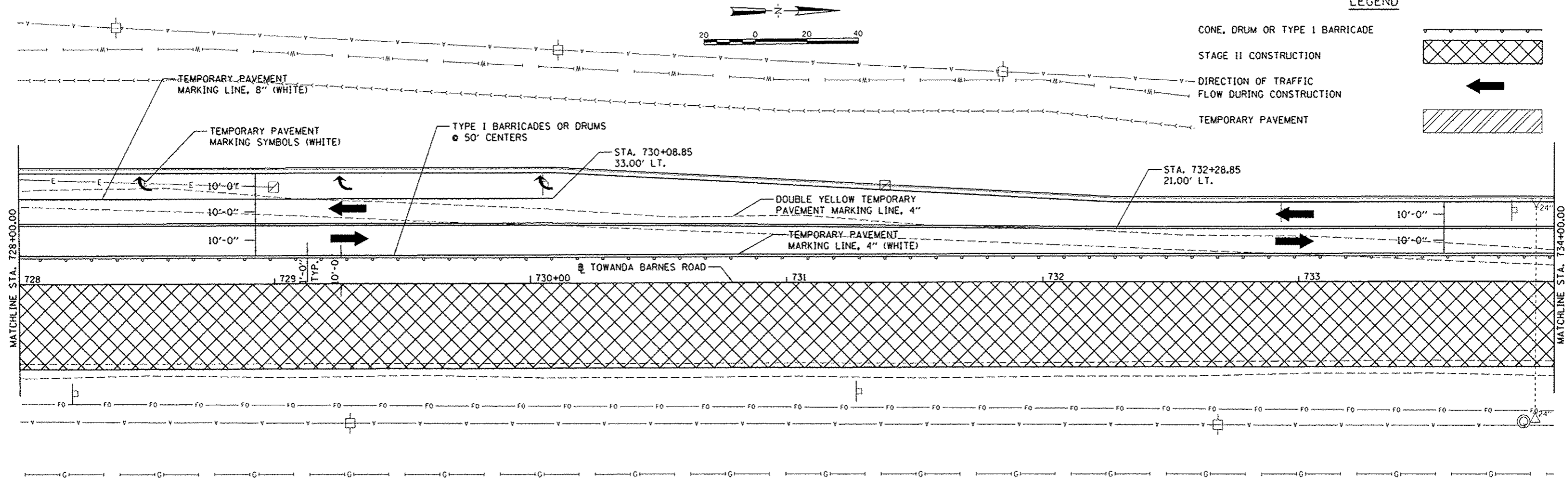
**TOWANDA BARNES RD.
STAGING PLAN, STAGE 2**

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

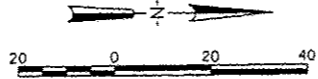
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--|-----------|
| 6431 | 07-00113-04-FP | McLEAN | 162 | 56 |
| CONTRACT NO. 91400 | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270409 | |

LEGEND




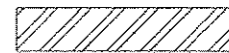
- 
 CONE, DRUM OR TYPE I BARRICADE
- 
 STAGE II CONSTRUCTION
- 
 DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- 
 TEMPORARY PAVEMENT

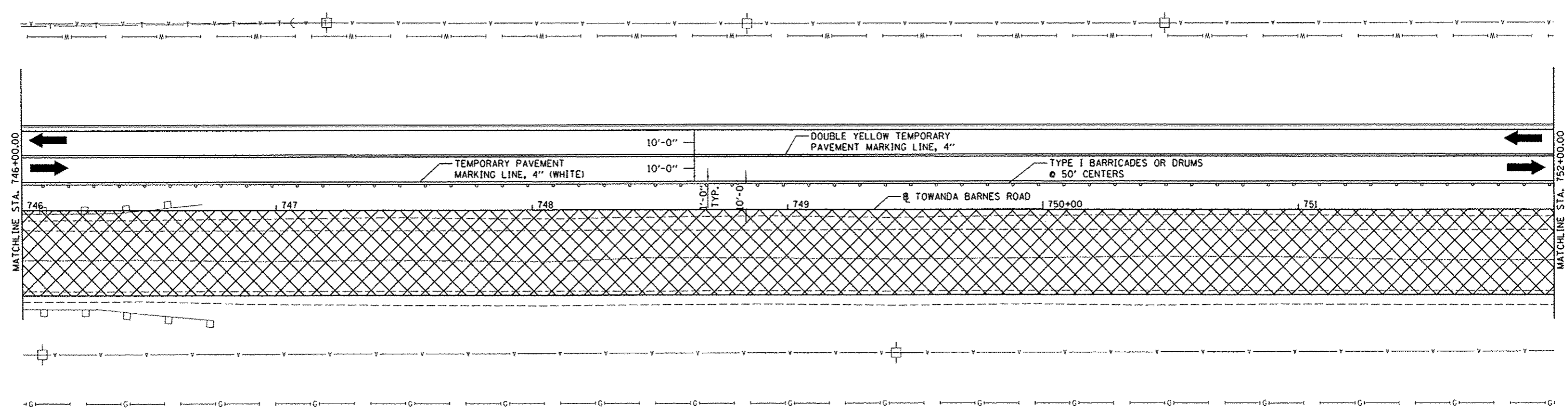
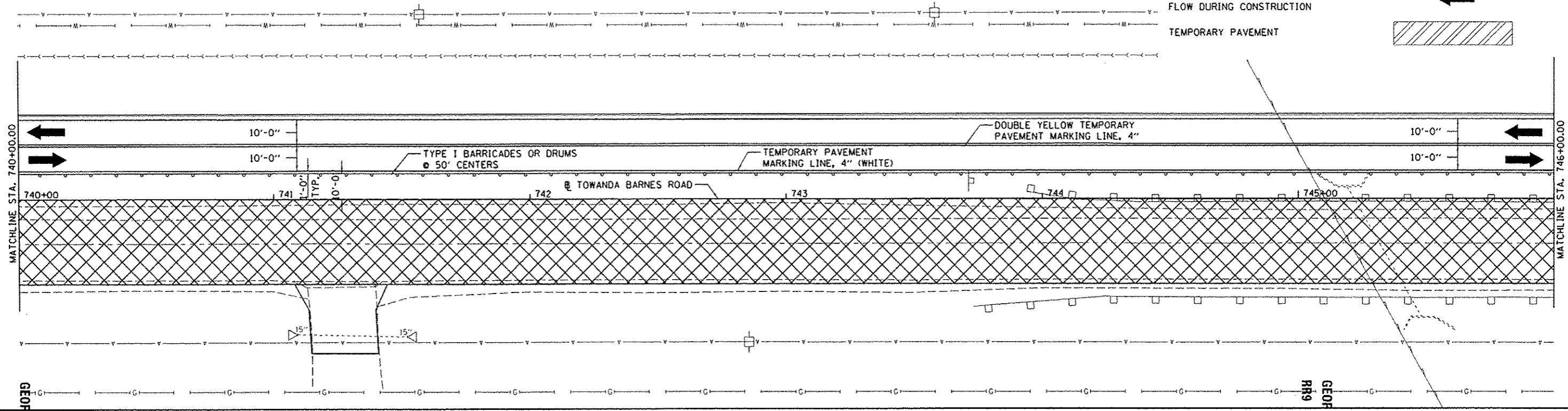


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|---|-----------------------------|----------------|-----------|---|---|---------------------|--------------|---------------------|---------------------------|---------------------------|---------------------|-----------------|-------------|
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| | PLOT SCALE = 40,0000' / in. | CHECKED - MGD | REVISED - | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. | 91400 | M-52270(49) | |
| | PLOT DATE = 6/7/2014 | DATE - 6/27/14 | REVISED - | | REVISED - | SHEET NO. | OF SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | CONTRACT NO. | 91400 | M-52270(49) |
| | PLOT DATE = 6/7/2014 | DATE - 6/27/14 | REVISED - | | REVISED - | SHEET NO. | OF SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | CONTRACT NO. | 91400 | M-52270(49) |

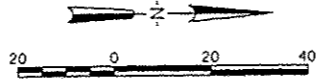


LEGEND

-  CONE, DRUM OR TYPE I BARRICADE
-  STAGE II CONSTRUCTION
-  DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
-  TEMPORARY PAVEMENT

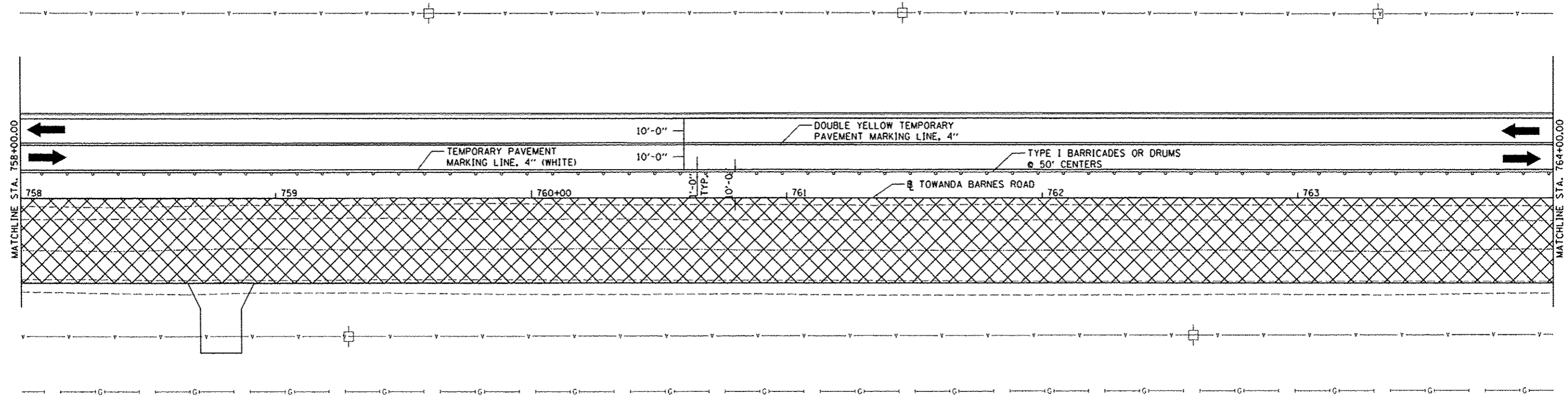
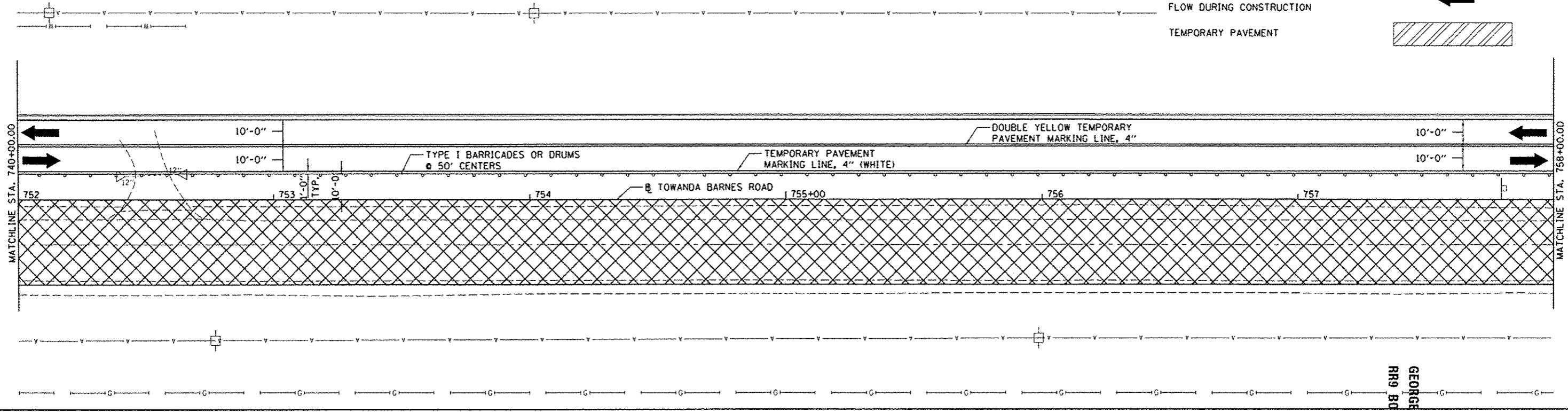


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| | PLOT SCALE * 40.0000 "/> | CHECKED - MGO | REVISED - | | 6431 | 07-00113-04-FP | McLEAN | 162 | 58 | | | |
| | PLOT DATE * 8/7/2014 | DATE - 6/27/14 | REVISED - | | SCALE: 1"=20' | SHEET NO. | OF SHEETS | STA. | TO STA. | CONTRACT NO. | 91400 | |
| | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | M-52274049 | | | | | | | | | |

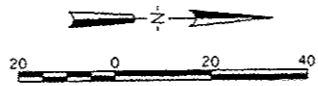


LEGEND

- CONE, DRUM OR TYPE I BARRICADE
- STAGE II CONSTRUCTION
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- TEMPORARY PAVEMENT

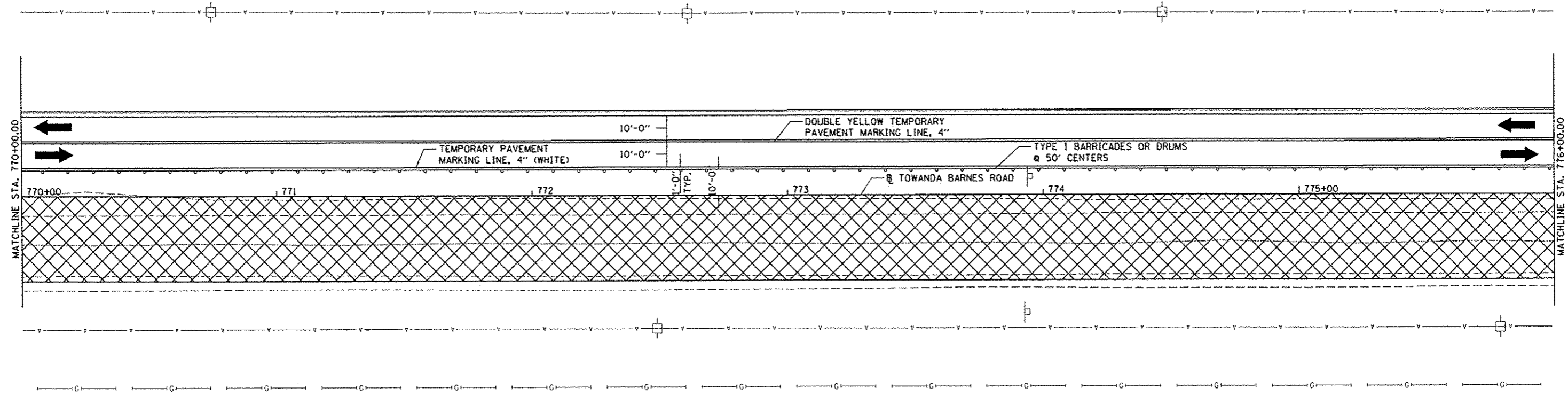
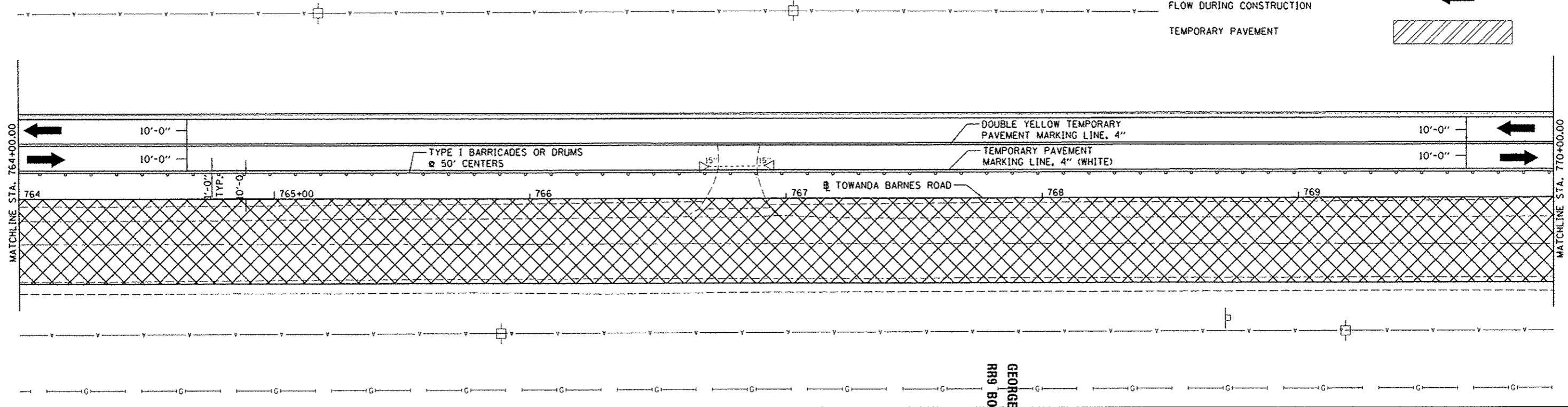


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|---|-----------------------------|-------------------|----------------------------------|---|---|---|---------------------------|------------------|---------------------|-----------------|
| FILE NAME I:\07job\07L0042\CADD\Road\Sheet\c-113.tg2.dgn | USER NAME ander00846 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. STAGING PLAN, STAGE 2 | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 59 |
| | PLOT SCALE 40.0000' / 1" | CHECKED - MGD | REVISED - | | | CONTRACT NO. 91400 | | | | |
| | PLOT DATE 8/7/2014 | DATE 6/27/14 | REVISED - | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5227(049) | | | | |
| | SCALE: 1"=20' | | SHEET NO. OF SHEETS STA. TO STA. | | | | | | | |

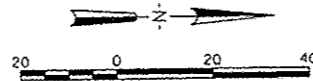


LEGEND

- CONE, DRUM OR TYPE I BARRICADE
- STAGE II CONSTRUCTION
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- TEMPORARY PAVEMENT

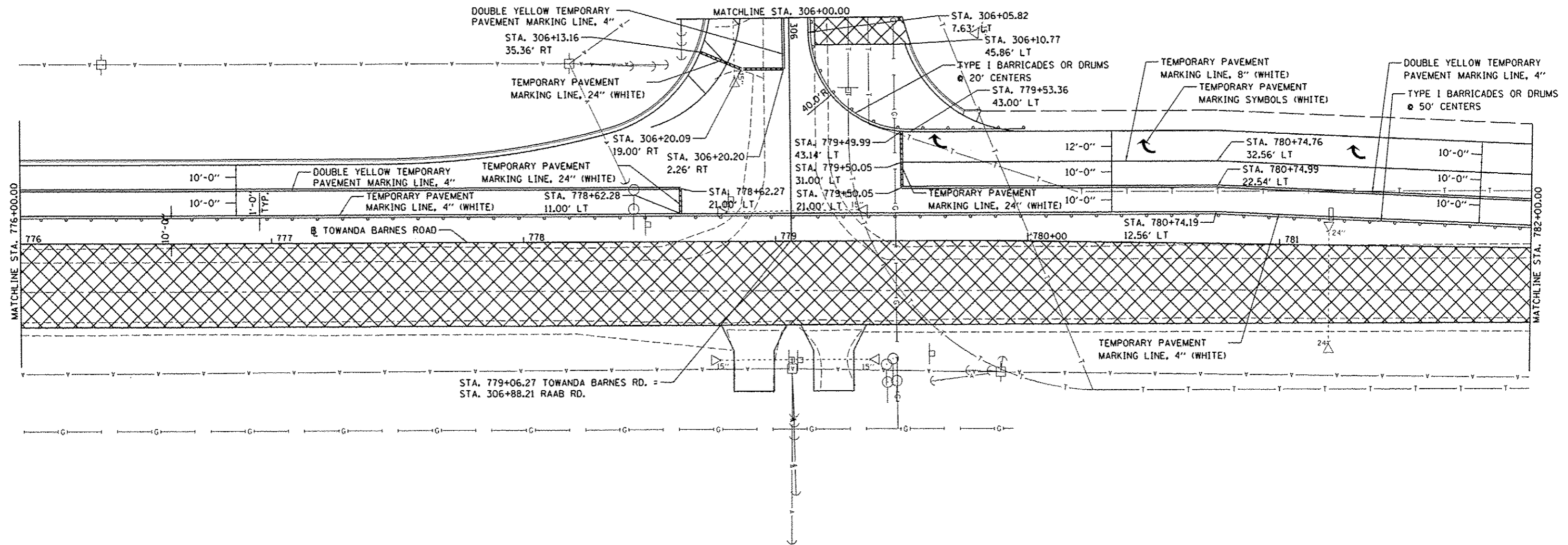


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| FILE NAME I:\07\jobs\07L0042\C400\Road\Sheet\c-114 | USER NAME ender0846 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. STAGING PLAN, STAGE 2 | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = 1/8" = 20' | CHECKED - MGD | REVISED - | | | | | 6431 | 07-00113-04-FP | MCLEAN | 162 | 60 | |
| | PLOT DATE = 6/7/2014 | DATE - 6/27/14 | REVISED - | | | | | CONTRACT NO. 91400 | | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT M-5227049 | |
| | | | | | | | | SCALE: 1"=20' | SHEET NO. | OF SHEETS | STA. | TO STA. | |



LEGEND

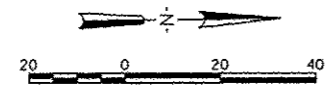
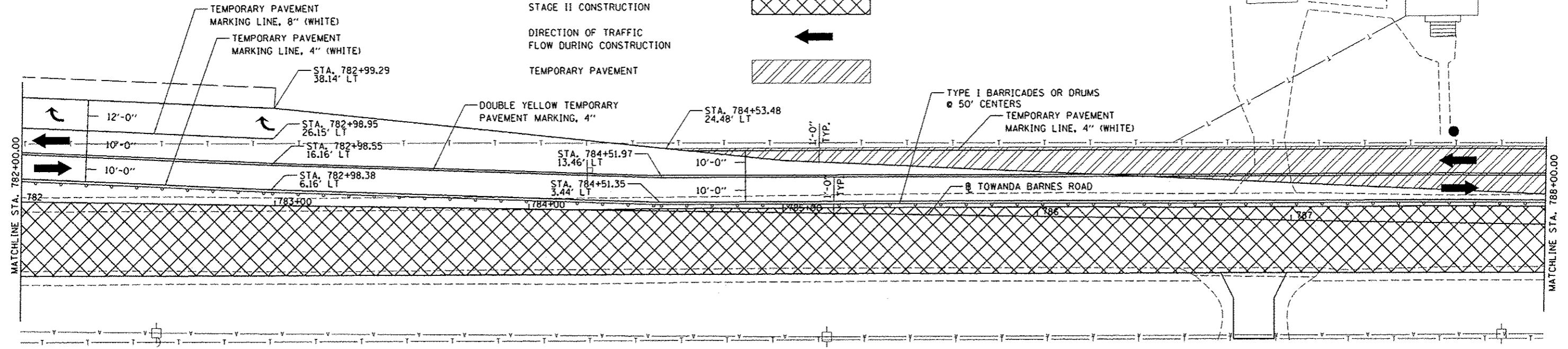
- CONE, DRUM OR TYPE I BARRICADE
- STAGE II CONSTRUCTION
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- TEMPORARY PAVEMENT



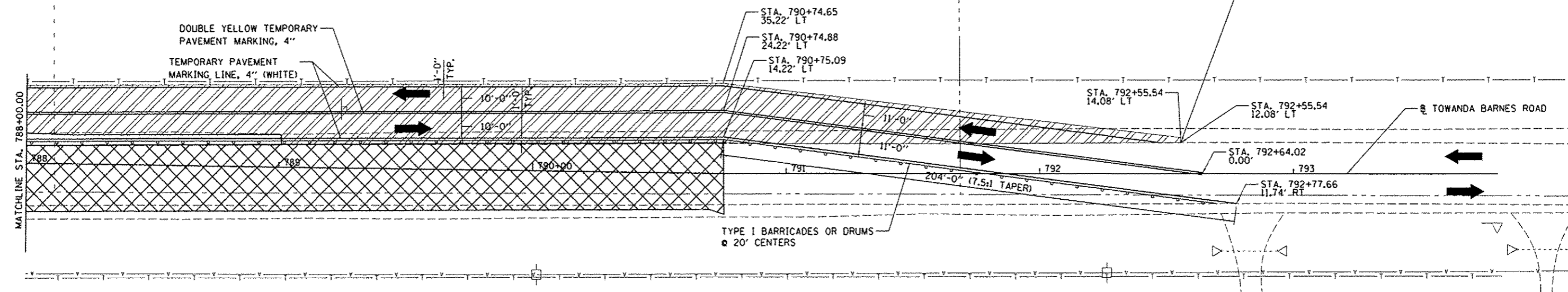
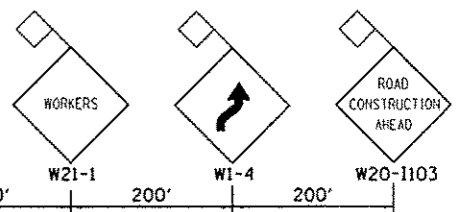
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|---|---------------------------|-------------------|-----------|---|---|--|--|--|---------------------------|------------------|---------------------|-----------------|
| FILE NAME : I:\07\jobs\07L0042\CADD\Road\Sheet\c-115 | USER NAME : ender08846 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. STAGING PLAN, STAGE 2 | | | F.A.U. RTE. 6431 | SECTION 07-00113-D4-FP | COUNTY MCLEAN | TOTAL SHEETS 162 | SHEET NO. 61 |
| PLOT SCALE = 40.0000' / 1" | | | | | SCALE: 1"=20' | | | SHEET NO. OF SHEETS STA. TO STA. | | | CONTRACT NO. 91400 | |
| PLOT DATE = 6/7/2014 | | | | | DATE - 6/27/14 | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | | | |
| | | | | | DATE - 6/27/14 | | | | | | | |

LEGEND

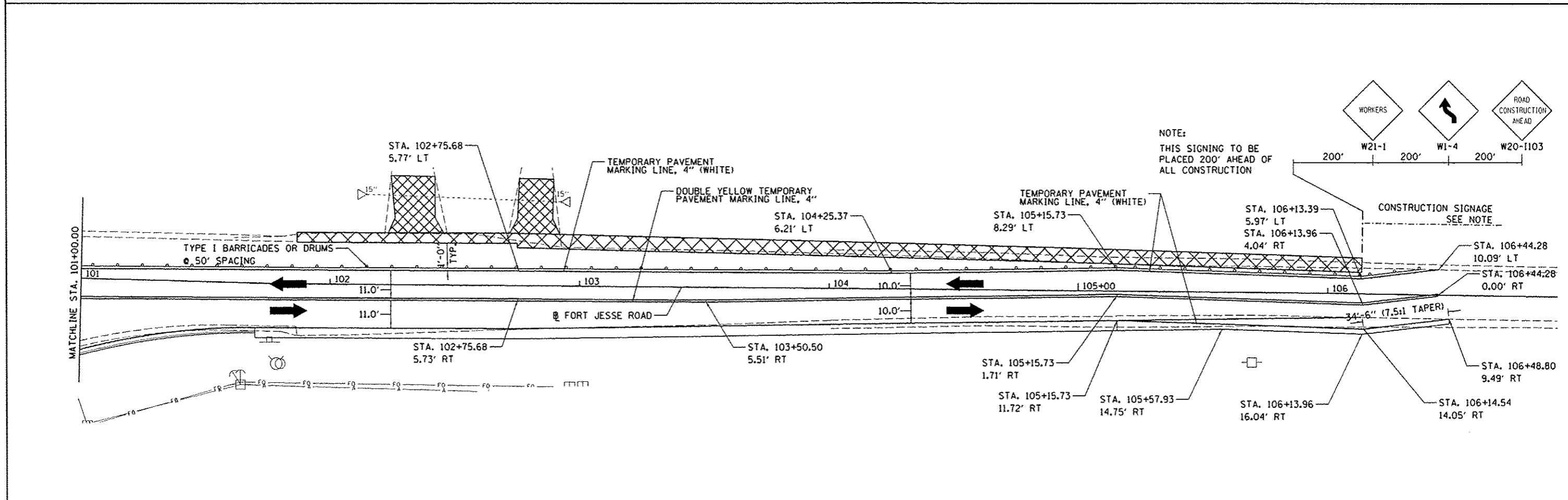
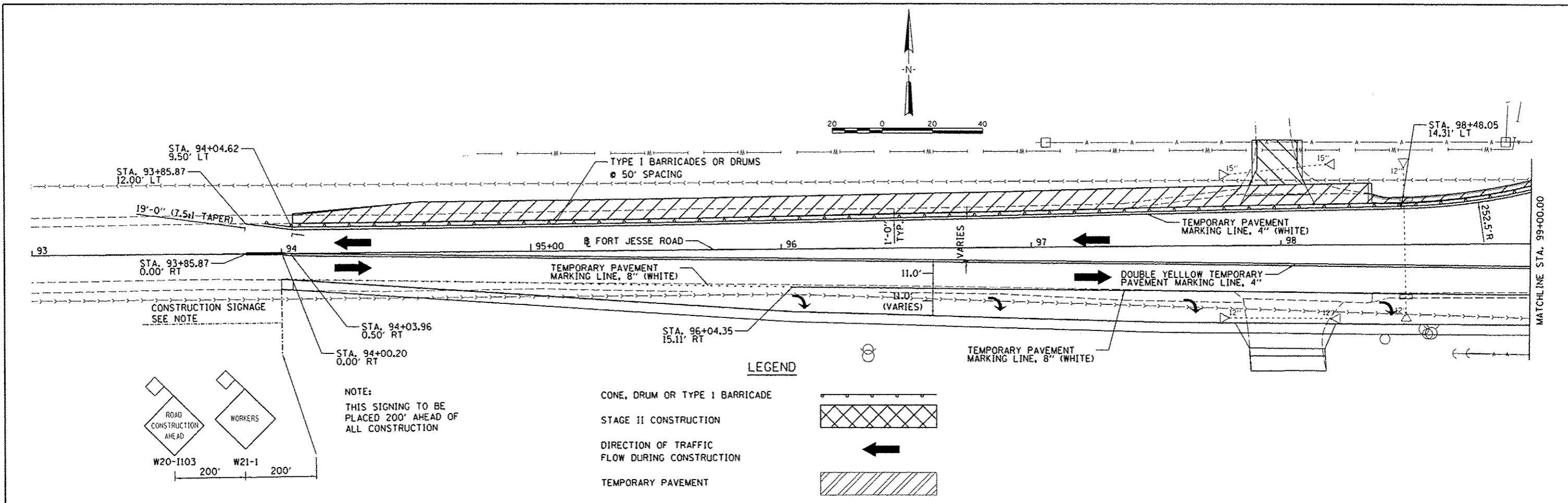
- CONE, DRUM OR TYPE I BARRICADE
- STAGE II CONSTRUCTION
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- TEMPORARY PAVEMENT



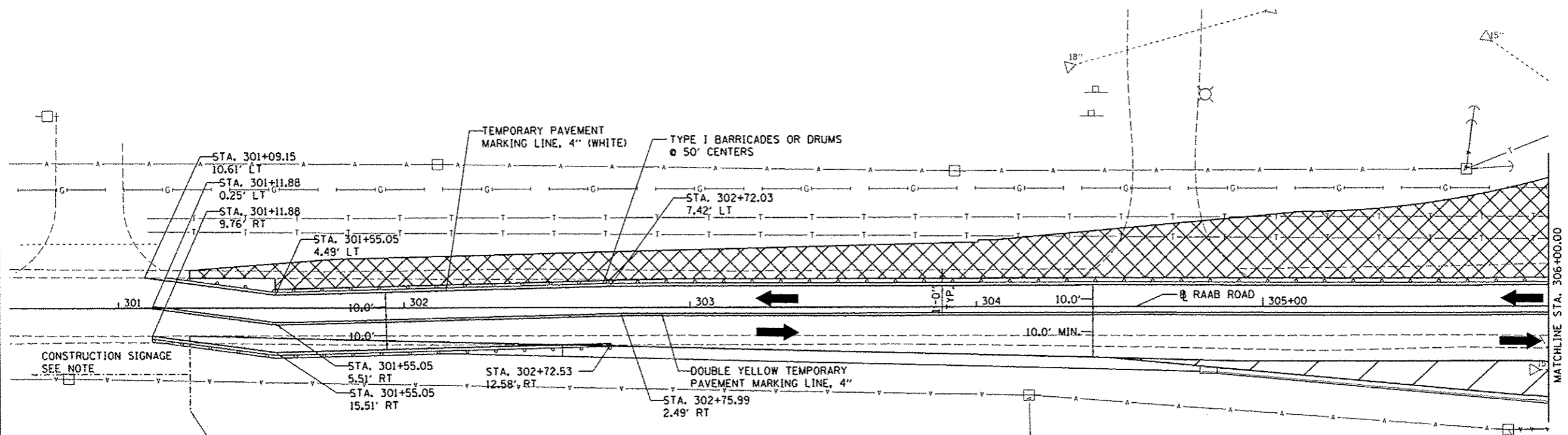
NOTE:
THIS SIGNING TO BE
PLACED 200' AHEAD OF
ALL CONSTRUCTION



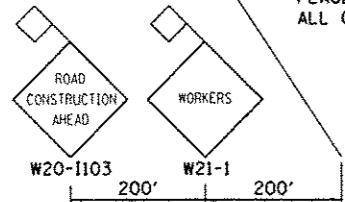
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|---|-----------------------------|----------------|-----------|---|---|-----------|------|------------------------|---------------------------|---------------------------|------------------------|--------------------|
| FILE NAME I:\07_jobs\07L0042\CADD\Road\Sheet\c-116 | USER NAME ander00846 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. STAGING PLAN, STAGE 2 | | | F.A.J. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 62 |
| | PLOT SCALE 1/4" = 10'-0" | CHECKED - MGO | REVISED - | | | | | CONTRACT NO. 91400 | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | M-522710491 | |
| PLOT DATE 6/7/2014 | DATE 6/27/14 | REVISED - | REVISED - | SCALE: 1"=20' | SHEET NO. | OF SHEETS | STA. | TO STA. | | | | |



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|---|------------------------|----------------|-----------|---|---|-------------|-------------|--------------------|--------------------------|----------------------|--------------------|----------------|
| FILE NAME : I:\07jobs\07L0042\CADD\Road\Sheet\c-117 | USER NAME : ande-r0816 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | FORT JESSE RD. STAGING PLAN, STAGE 2 | | | F.A.J. RTE. : 6431 | SECTION : 07-00113-04-FP | COUNTY : McLEAN | TOTAL SHEETS : 162 | SHEET NO. : 63 |
| PLOT SCALE : 1/4"=20' | PLOT DATE : 6/27/2014 | DRAWN - DLC | REVISED - | | SCALE: 1"=20' | SHEET NO. : | OF SHEETS : | STA. : | TO STA. : | CONTRACT NO. : 91400 | | |
| CHECKED - MGD | DATE : 6/27/14 | REVISED - | REVISED - | | FED. ROAD DIST. NO. : ILLINOIS FED. AID PROJECT : M-52270(49) | | | | | | | |
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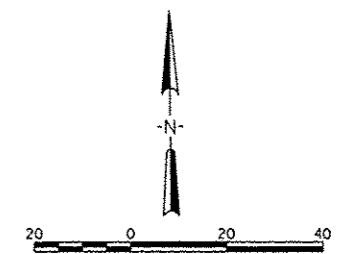


NOTE:
THIS SIGNING TO BE
PLACED 200' AHEAD OF
ALL CONSTRUCTION



LEGEND

- CONE, DRUM OR TYPE 1 BARRICADE
- STAGE II CONSTRUCTION
- DIRECTION OF TRAFFIC FLOW DURING CONSTRUCTION
- TEMPORARY PAVEMENT



| | | | |
|---|-----------------------------|----------------|-----------|
| FILE NAME : I:\07jobs\07L0042\CADD\Road\Sheet\c-118.tg2.dgn | USER NAME : ande-00846 | DESIGNED - DLC | REVISED - |
| | | DRAWN - DLC | REVISED - |
| | PLOT SCALE : 40.0000' / in. | CHECKED - MGD | REVISED - |
| | PLOT DATE : 8/7/2014 | DATE - 6/27/14 | REVISED - |







**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

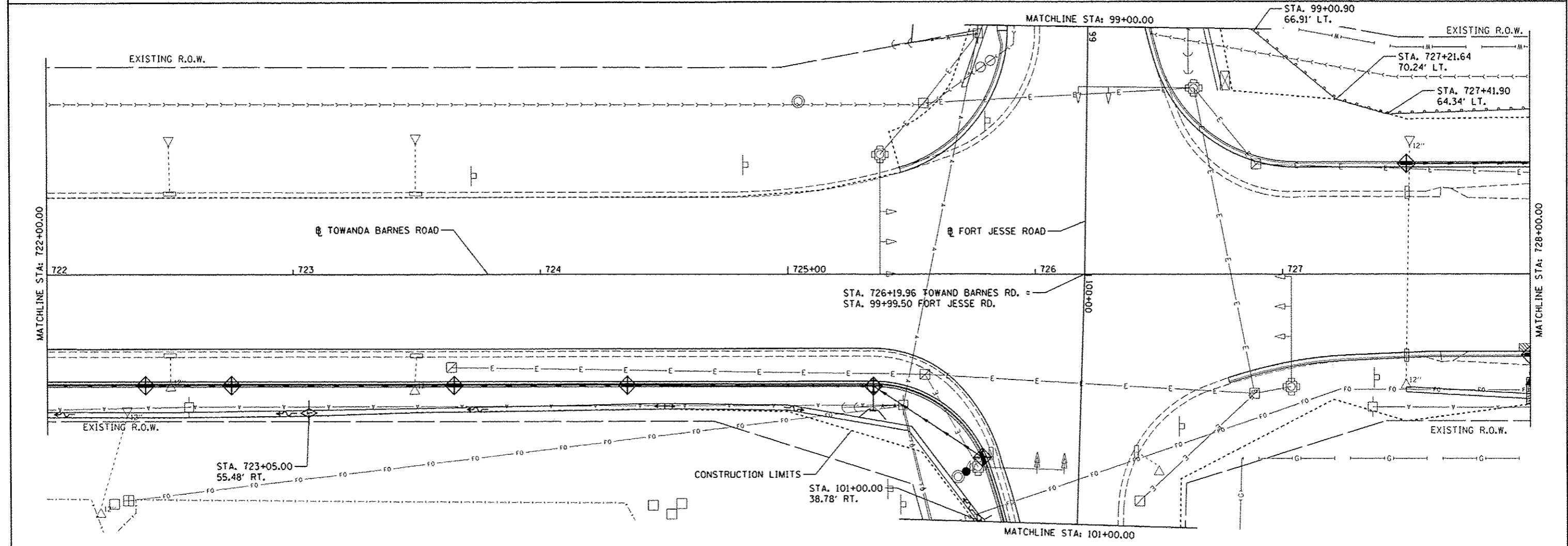
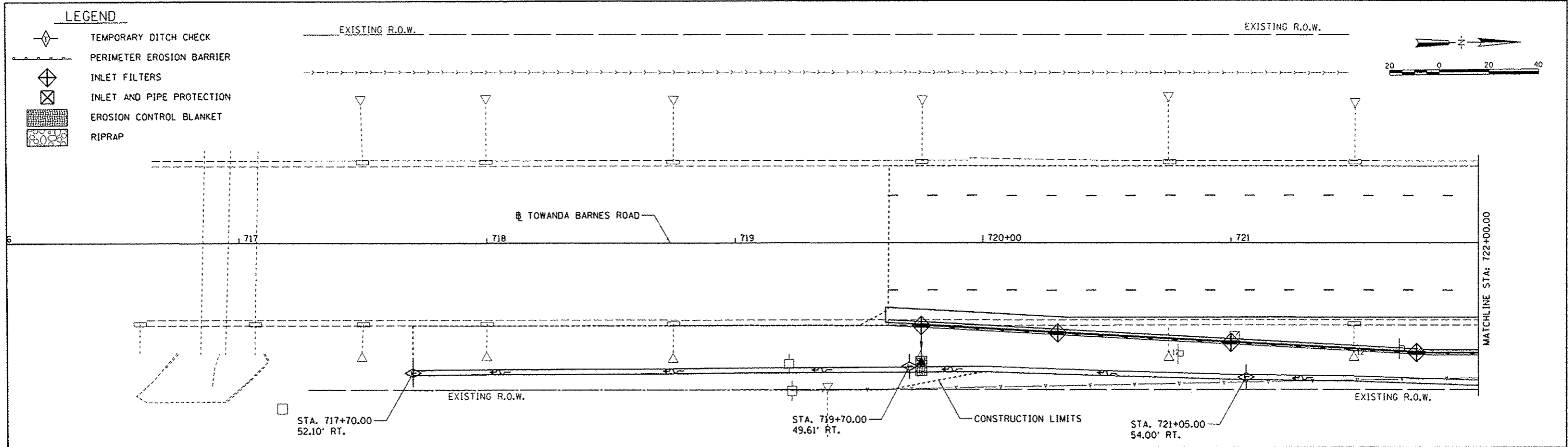
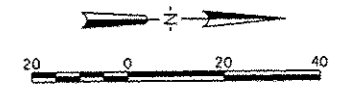
**RAAB RD.
STAGING PLAN, STAGE 2**

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

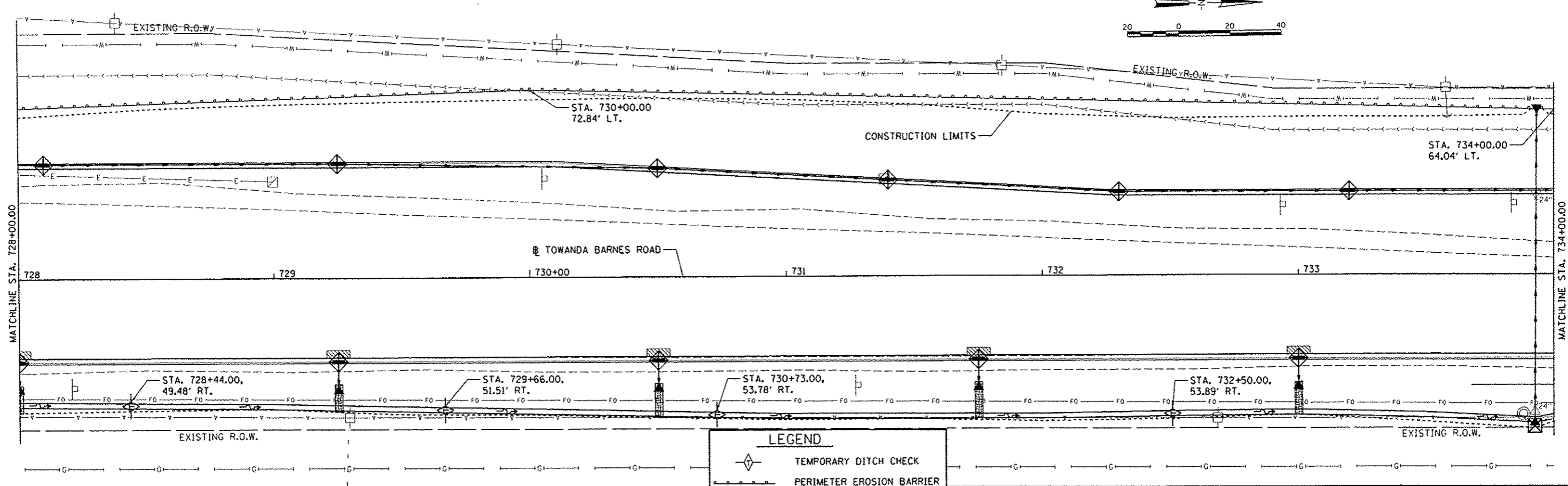
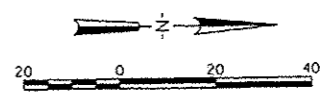
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|---------------------|----------------|--------|--------------------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | McLEAN | 162 | 64 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT M-52270491 | |
| CONTRACT NO. | | | 91400 | |

LEGEND

-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  INLET AND PIPE PROTECTION
-  EROSION CONTROL BLANKET
-  RIPRAP

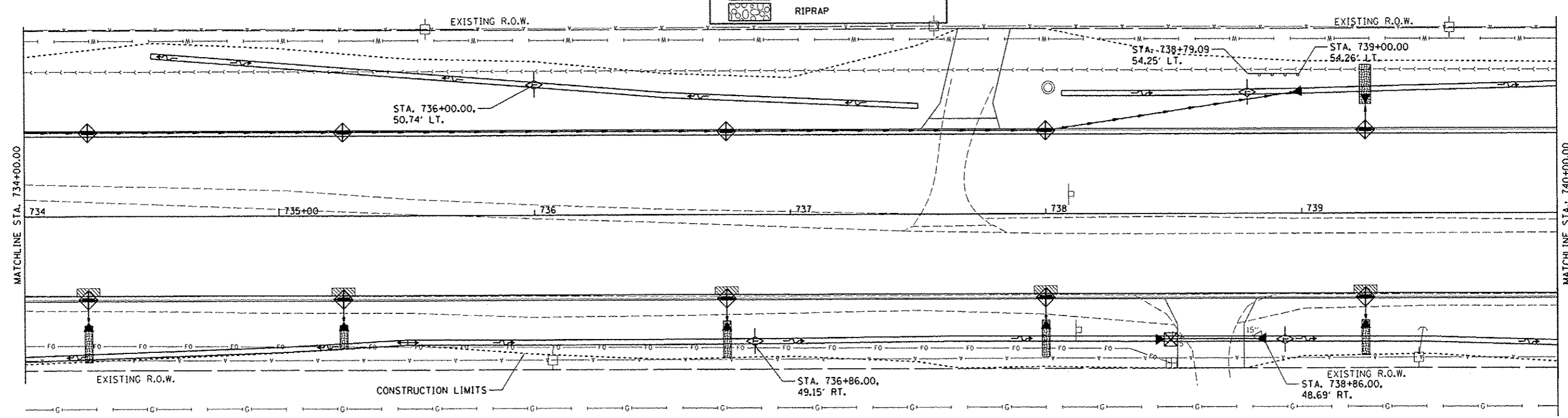


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| FILE NAME : I:\07\jobs\07L0042\CADD\Road\Sheet\c-101.dgn | USER NAME : ander00846 | DESIGNED - DLC | REVISED - - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. EROSION CONTROL PLAN | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY MCLEAN | TOTAL SHEETS 162 | SHEET NO. 65 | | | |
| PLOT SCALE = 40,0000' / 1" = 40,000' | | | | | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA. | CONTRACT NO. 91400 | | | | |
| PLOT DATE = 8/7/2014 | | | | | | | | | | ILLINOIS FED. AID PROJECT M-5227(049) | | | |
| DATE = 6/27/14 | | | | | | | | | | | | | |

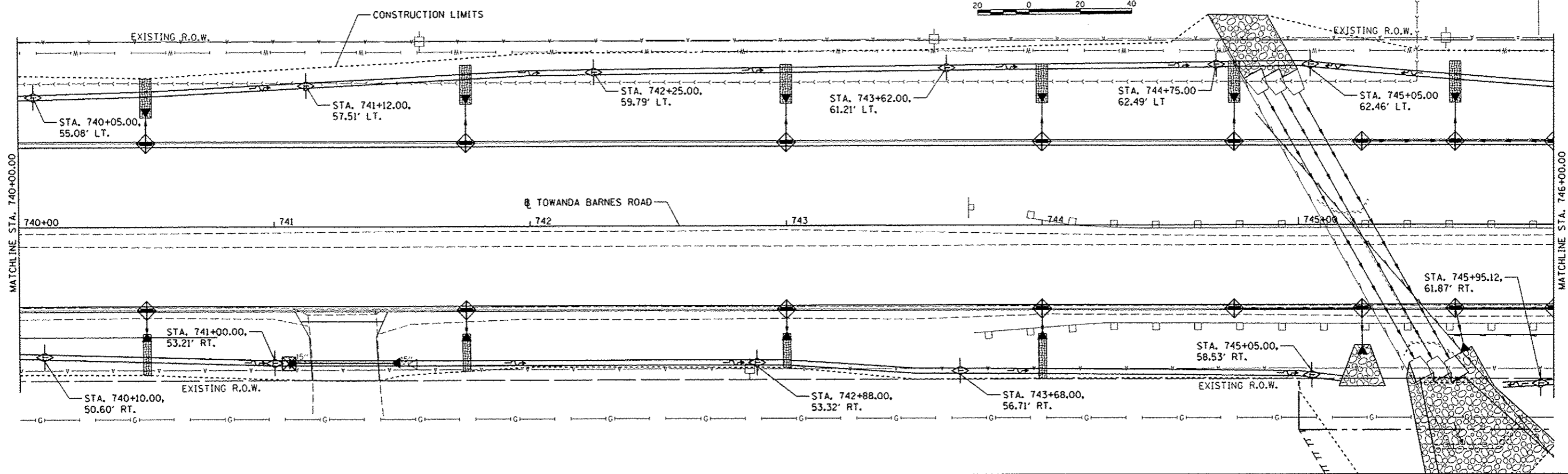
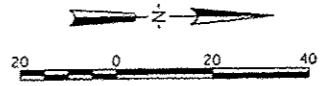


LEGEND







- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET FILTERS
- INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP

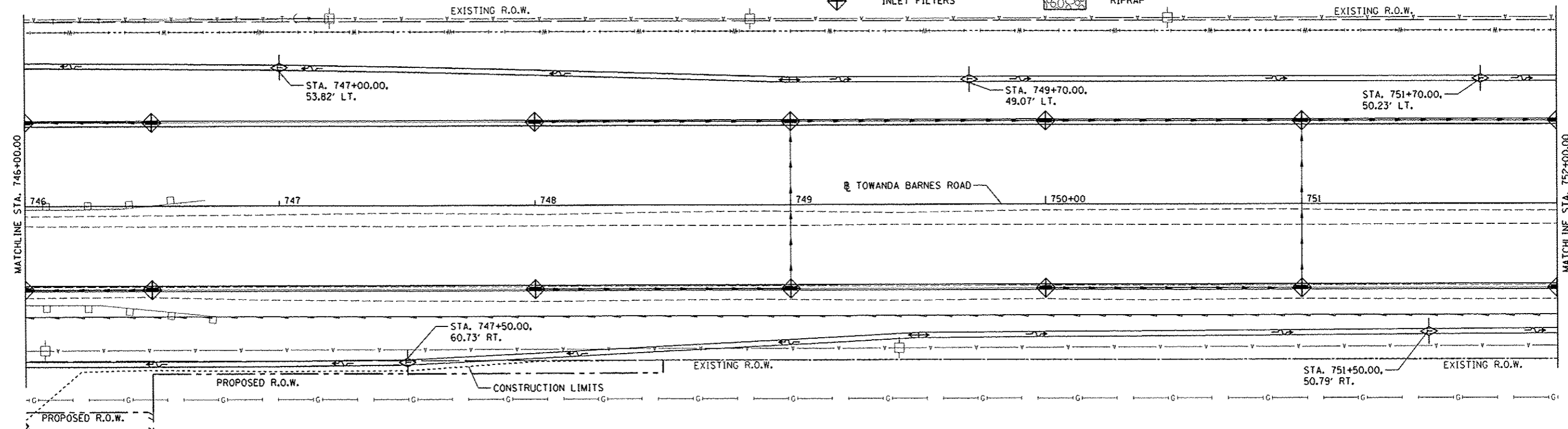


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| | PLOT SCALE = 40.0000 / in. | CHECKED - MGD | REVISED - | | | | | CONTRACT NO. 91400 | | | | |
| | PLOT DATE = 8/7/2014 | DATE = 6/27/14 | REVISED - | | | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT W-52270491 | | | | |
| | SCALE: 1"=20' | | | | | | | SHEET NO. OF SHEETS STA. TO STA. | | | | |

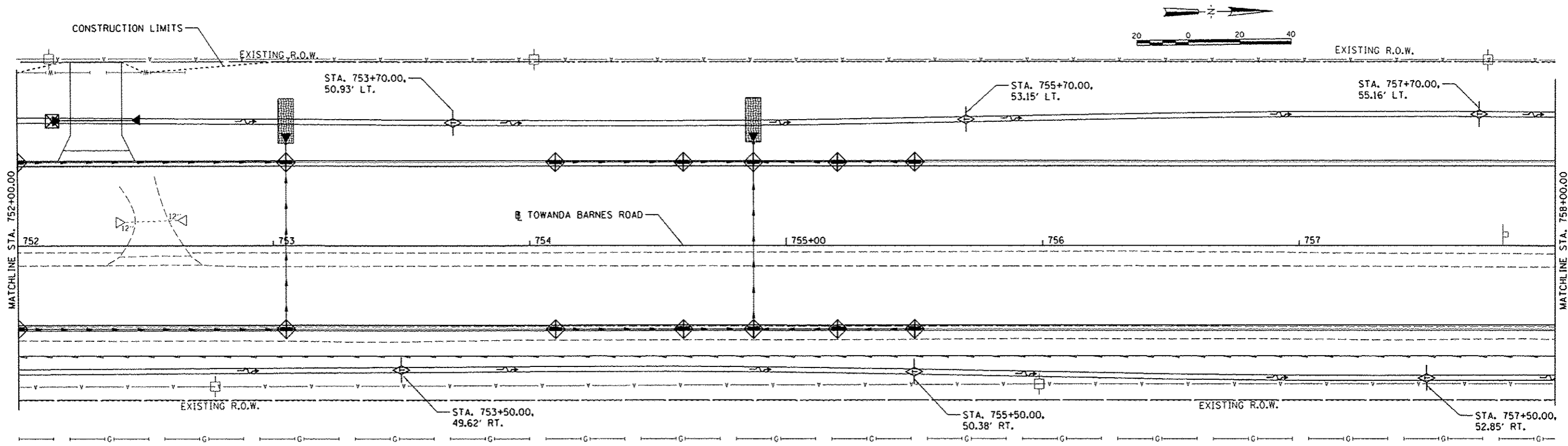


LEGEND

-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  INLET AND PIPE PROTECTION
-  EROSION CONTROL BLANKET
-  RIPRAP

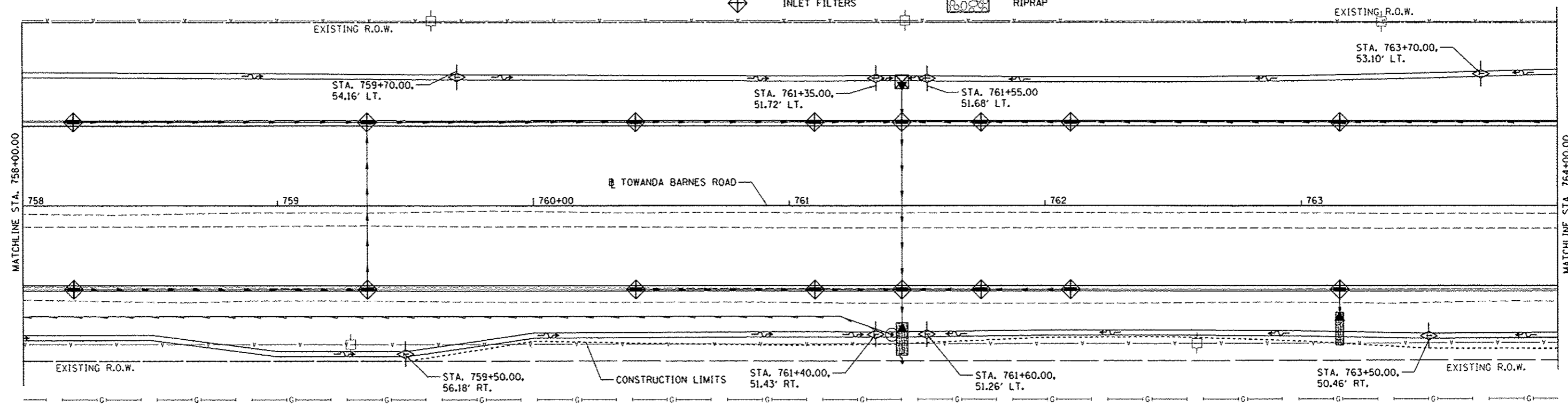


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| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. EROSION CONTROL PLAN | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | |
| I:\07\jobs\07L0042\C4001Road\Sheet\c-103.dgn | ander-00846 | DRAWN - DLC | REVISED - | | SCALE: 1"=20' | SHEET NO. | OF | SHEETS | STA. | TO STA. | 6431 | 07-00113-04-FP | McLEAN | 162 | 67 |
| | | CHECKED - MGD | REVISED - | | | | | | | | | | | | |
| | | DATE - 6/27/14 | REVISED - | | | | | | | | | | | | |
| | | | | | | | | | | | CONTRACT NO. 91400 | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | |



LEGEND

- ◇ (diamond with dot) TEMPORARY DITCH CHECK
- ◇ (diamond with cross) INLET FILTERS
- ⊠ (square with cross) INLET AND PIPE PROTECTION
- ▨ (hatched rectangle) EROSION CONTROL BLANKET
- ⊞ (rectangle with circles) RIPRAP
- (dashed line) PERIMETER EROSION BARRIER



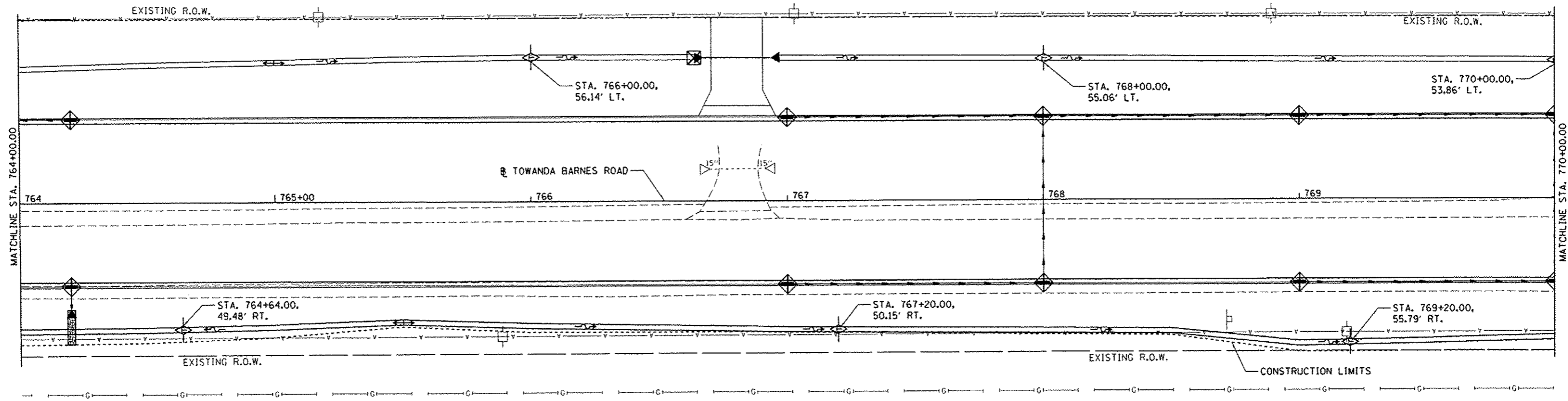
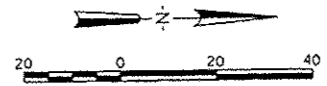
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| PLOT SCALE = 40.0000 / 1" | | CHECKED - MGO | REVISED - |
| PLOT DATE = 8/7/2014 | | DATE - 6/27/14 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOWANDA BARNES RD.
EROSION CONTROL PLAN**

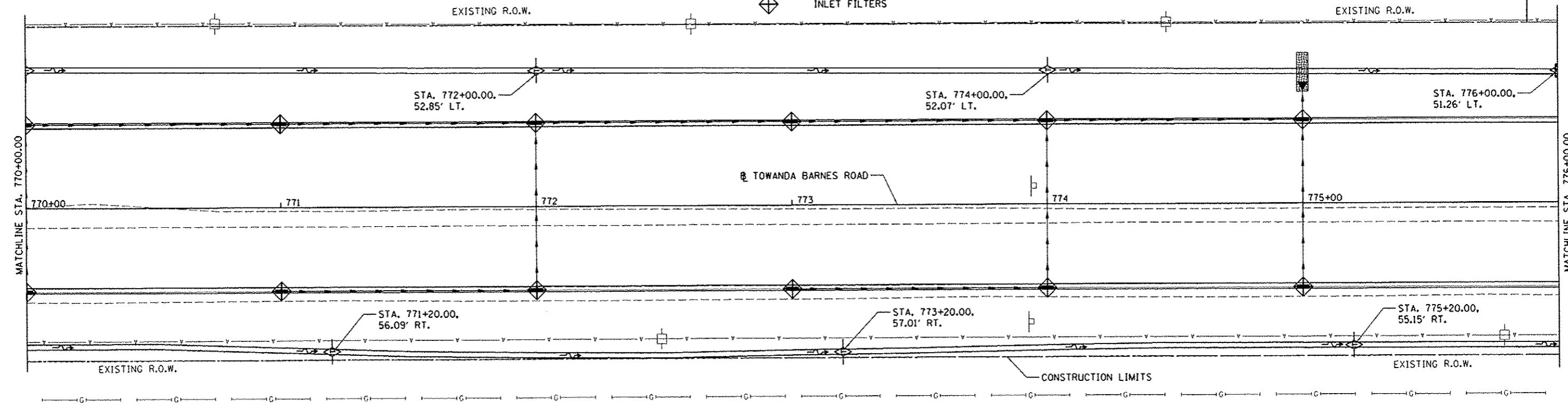
SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------------|-----------|
| 6431 | 07-00113-04-FP | McLEAN | 162 | 68 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 91400 | |
| | | | M-52270491 | |

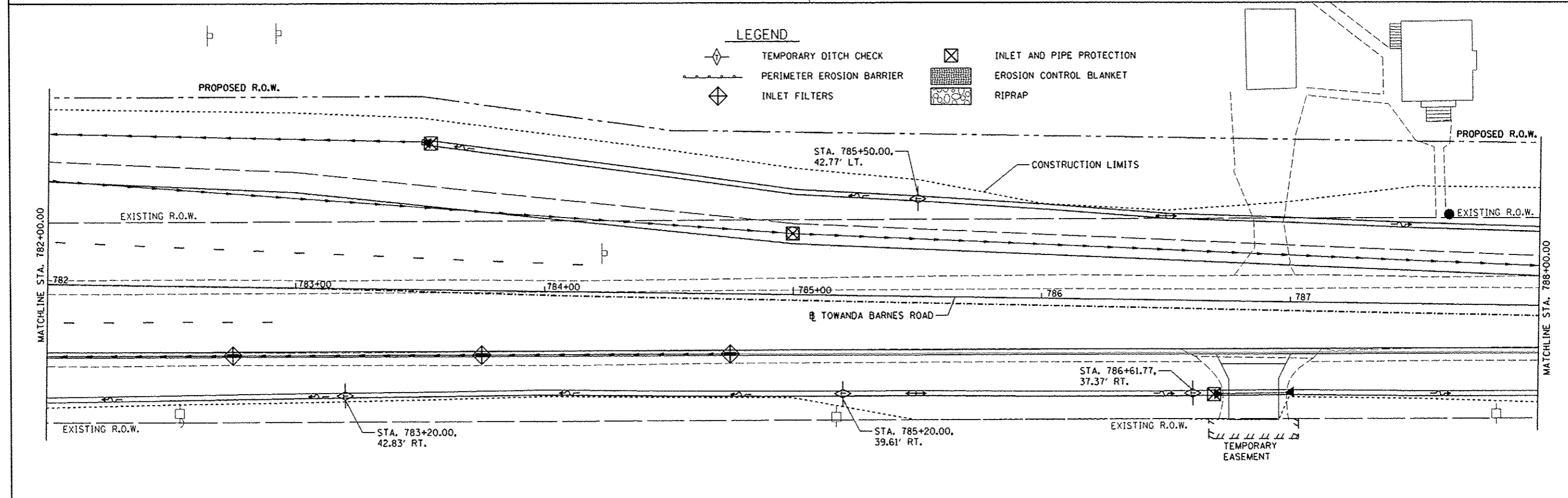
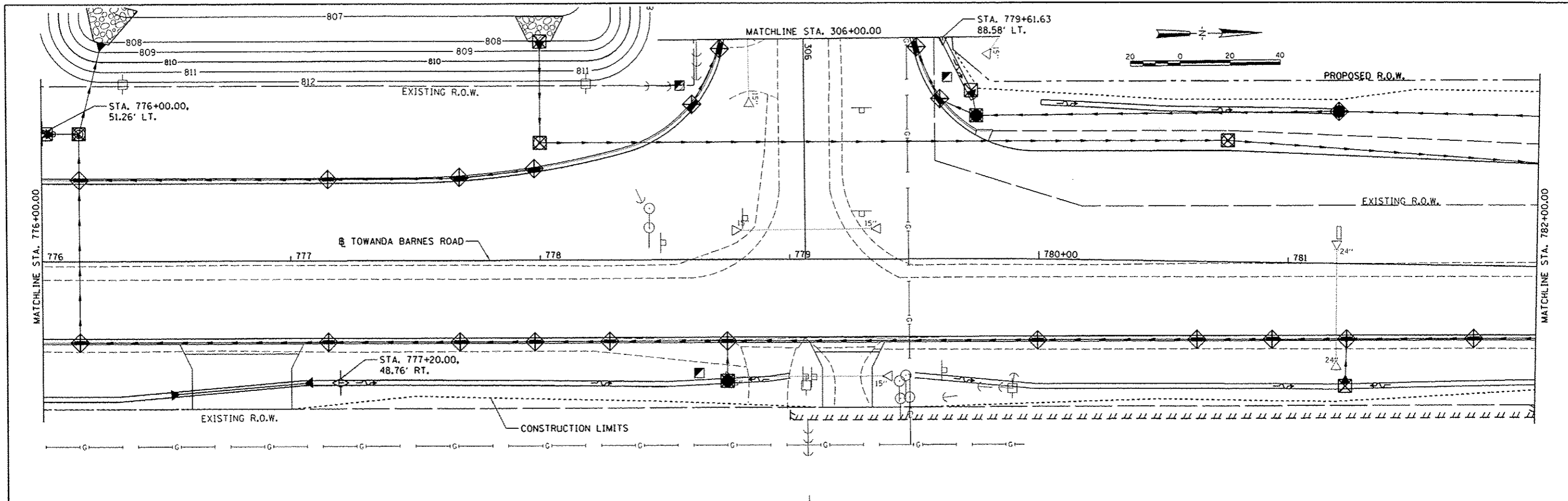


LEGEND

| | | | |
|--|---------------------------|--|---------------------------|
| | TEMPORARY DITCH CHECK | | INLET AND PIPE PROTECTION |
| | PERIMETER EROSION BARRIER | | EROSION CONTROL BLANKET |
| | INLET FILTERS | | RIPRAP |



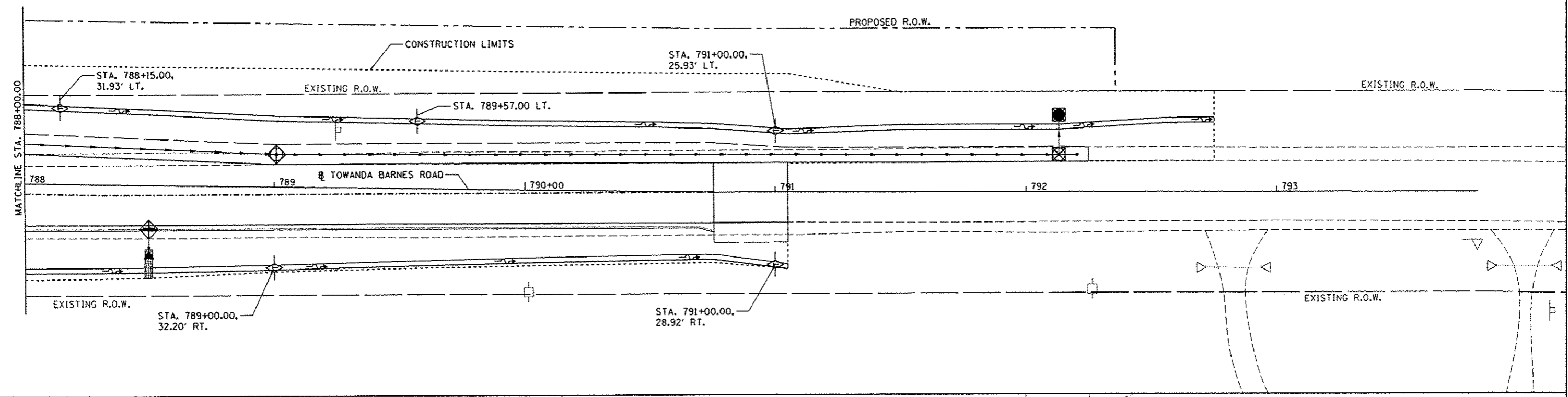
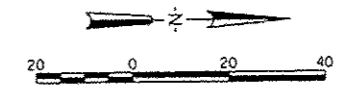
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| PLOT SCALE = 40.0000' / in. | | | | | SCALE: 1"=20' | | | SHEET NO. OF SHEETS STA. TO STA. | | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT W-52270491 | |
| PLOT DATE = 8/7/2014 | | | | | DATE = 6/27/14 | | | CONTRACT NO. 91400 | | | | |
| | | | | | | | | | | | | |



LEGEND

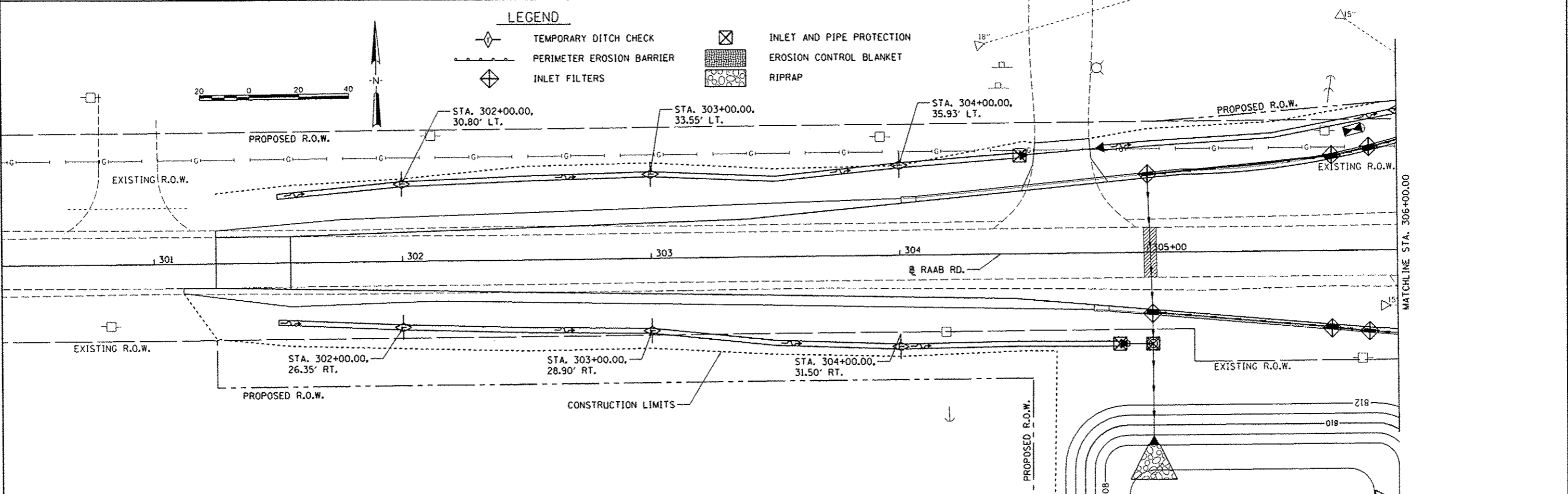
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|--|---------------------------|--|---------------------------|
| | TEMPORARY DITCH CHECK | | INLET AND PIPE PROTECTION |
| | PERIMETER EROSION BARRIER | | EROSION CONTROL BLANKET |
| | INLET FILTERS | | RIPRAP |

| | | | | | | | | | | |
|---|--------------------------|---------------------------------|---------------|---|--|-----------------------|---------------------------|------------------|--------------------------------------|-----------------|
| FILE NAME I:\07_jobs\07L0042\CADD\Road\Sheet\c-106.dgn | USER NAME fender00946 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. EROSION CONTROL PLAN | F.A.I.L. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY MCLEAN | TOTAL SHEETS 162 | SHEET NO. 70 |
| | | PLOT SCALE 40,0000 / 1"=100' | CHECKED - MGD | | | REVISED - | CONTRACT NO. 91400 | | ILLINOIS FED. AID PROJECT M-52270491 | |
| PLOT DATE 6/7/2014 | | DATE 6/27/14 | REVISED - | SCALE: 1"=20' | | SHEET NO. OF SHEETS | | STA. TO STA. | | |









LEGEND

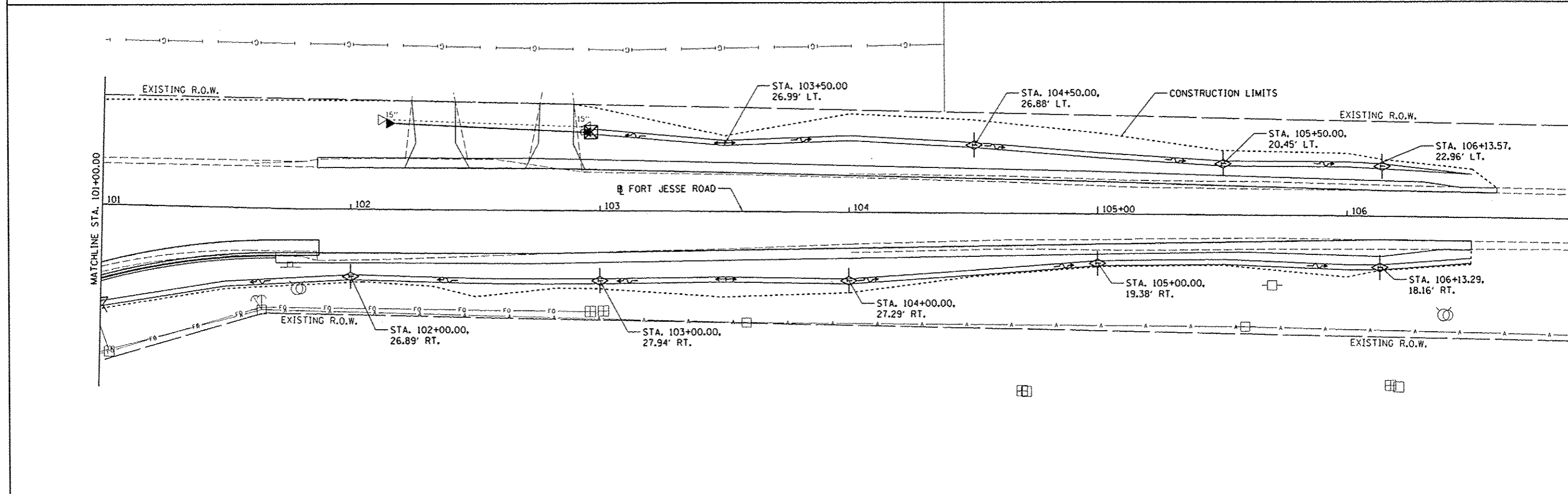
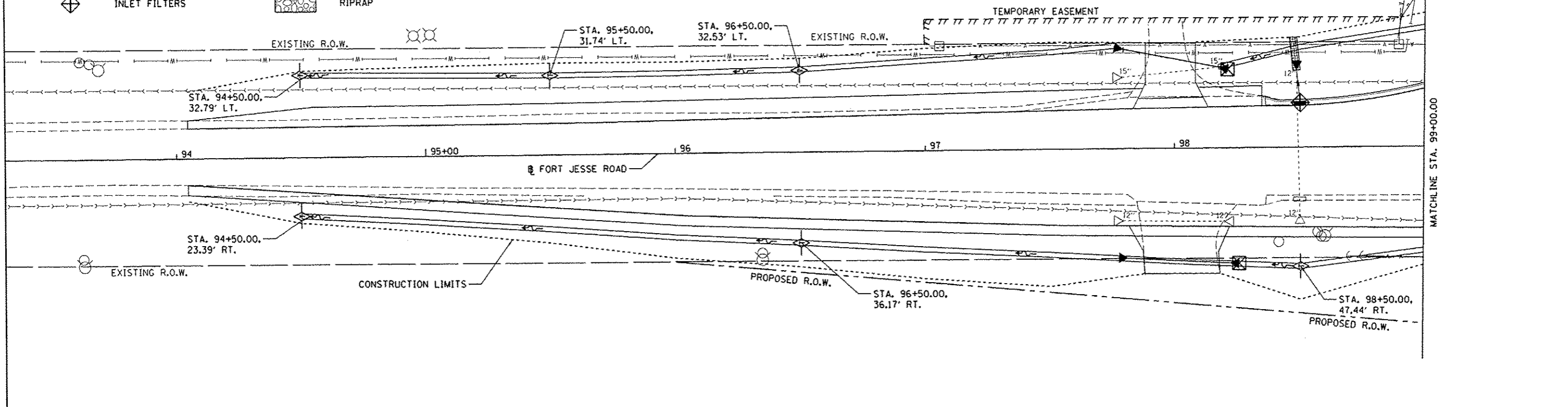
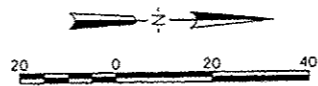
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET FILTERS
- INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP



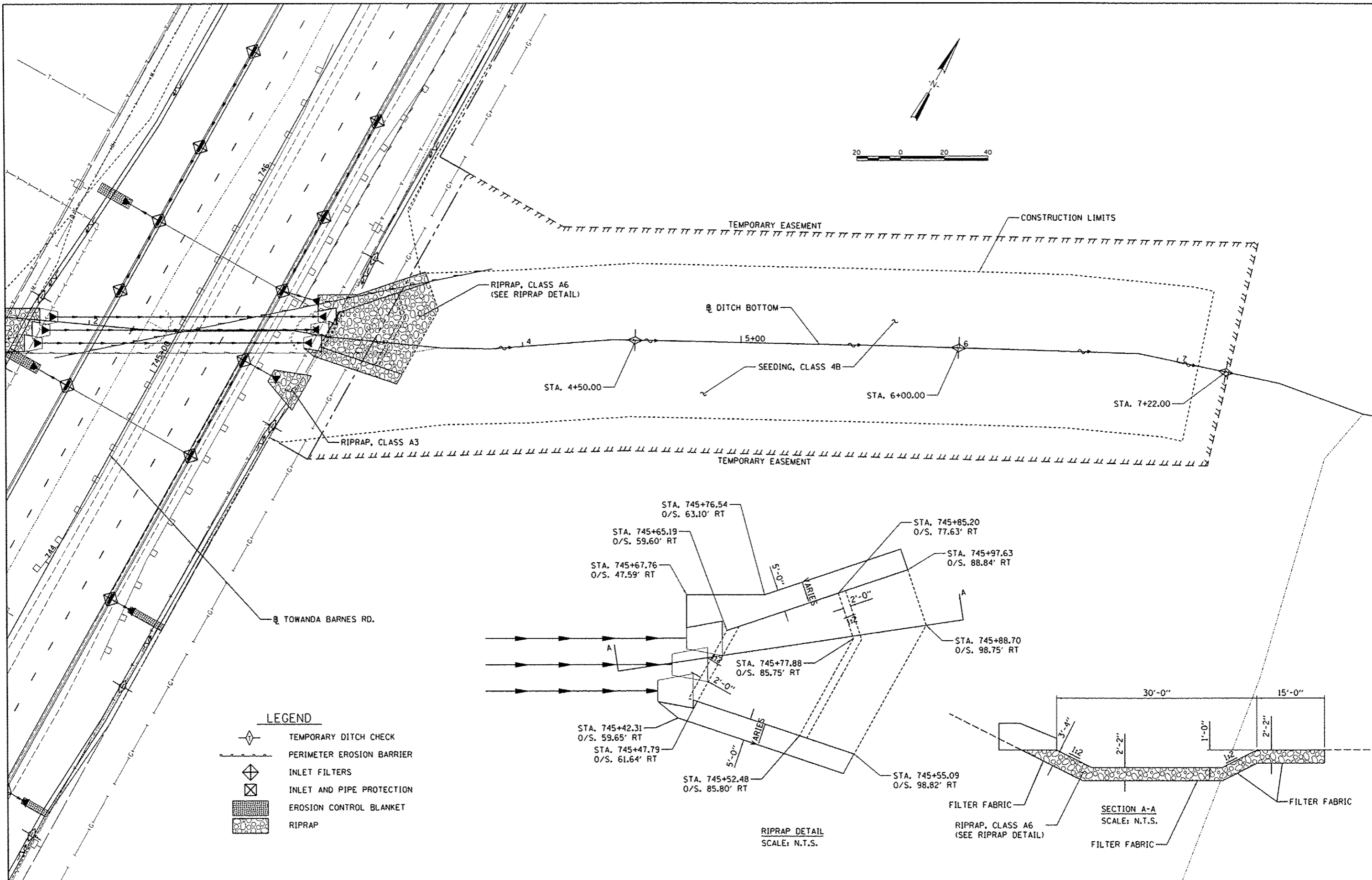
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| FILE NAME I:\07\jobs\07L0042\CADD\Road\Sheet\c-107.dgn | USER NAME ander00946 | DESIGNED - DLC | REVISED - - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES & RAAB RD. EROSION CONTROL PLAN | | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 71 | |
| PLOT SCALE = 40.0000' / 1" | CHECKED - MGD | REVISED - - | REVISED - - | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA. | CONTRACT NO. 91400 | | | | |
| PLOT DATE = 8/7/2014 | DATE = 6/27/14 | REVISED - - | REVISED - - | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-S227049 | | | | | | | |
| | | | | | | | | | | | | |

LEGEND

-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  INLET AND PIPE PROTECTION
-  EROSION CONTROL BLANKET
-  RIPRAP



| | | | | | | | | | | | | |
|---|-------------------------|----------------|-----------|---|---|-----------|----|---------------------|---------------------------|------------------|---------------------|-----------------|
| FILE NAME I:\07_jobs\07L0042\0400\Road\Sheet\c-100\ero.dgn | USER NAME ander00846 | DESIGNED - DLC | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | FORT JESSE RD. EROSION CONTROL PLAN | | | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 72 |
| PLOT SCALE = 40,0000' / in. | | CHECKED - MGD | REVISED - | | SCALE: 1"=20' | SHEET NO. | OF | SHEETS | STA. | TO STA. | CONTRACT NO. 91400 | |
| PLOT DATE = 6/7/2014 | | DATE - 6/27/14 | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT W-5227049 | | | | | | | |
| | | | | | | | | | | | | |



LEGEND

| | |
|--|---------------------------|
| | TEMPORARY DITCH CHECK |
| | PERIMETER EROSION BARRIER |
| | INLET FILTERS |
| | INLET AND PIPE PROTECTION |
| | EROSION CONTROL BLANKET |
| | RIPRAP |

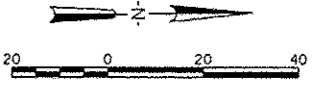
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| PLOT SCALE | CHECKED | DATE | REVISED |
| 48.0000 1/16" | MGD | 6/27/14 | - |
| PLOT DATE | DATE | REVISED | - |
| 8/7/2014 | 6/27/14 | - | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

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

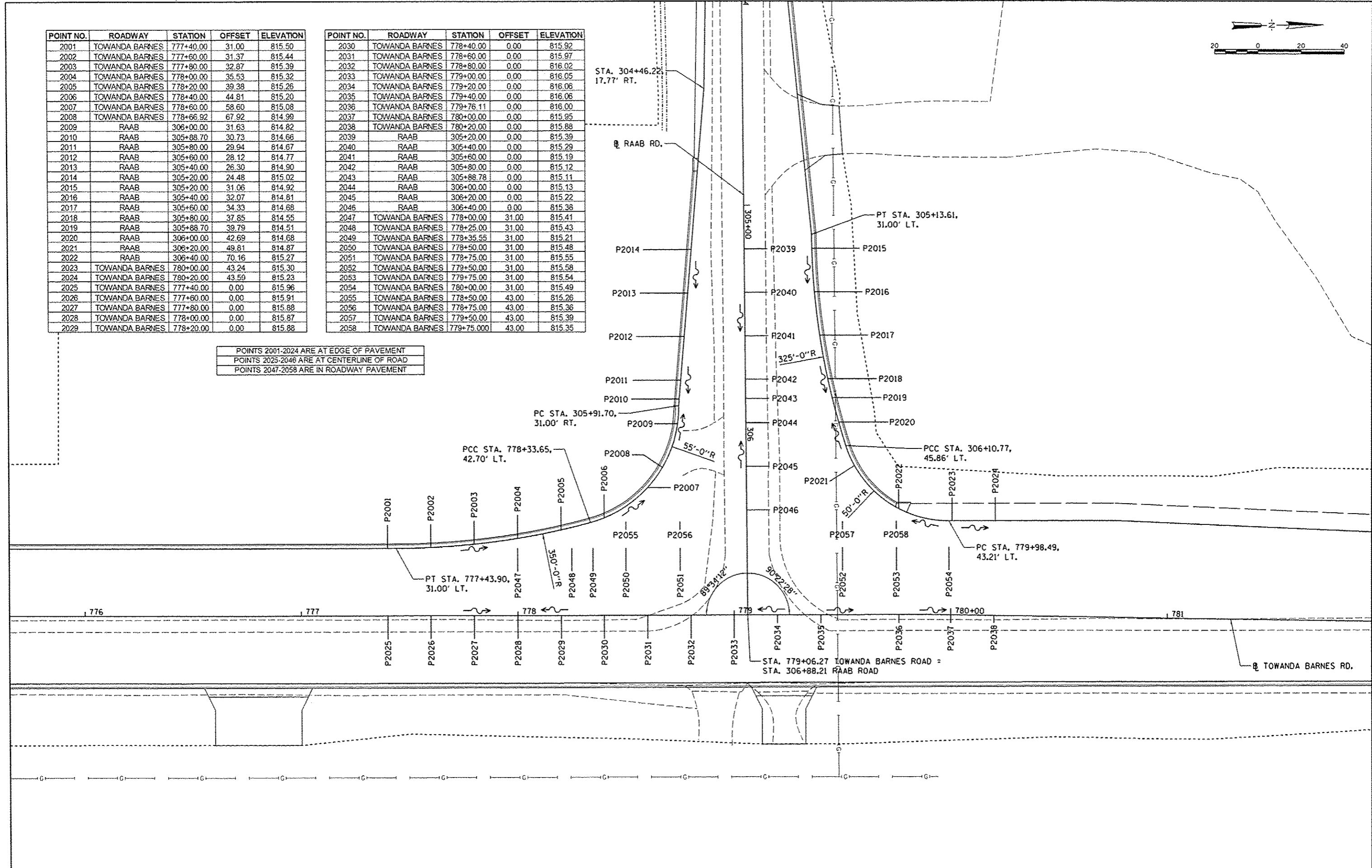
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| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | McLEAN | 162 | 73 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | CONTRACT NO. 91400 | |
| | | M-52270491 | | |



| POINT NO. | ROADWAY | STATION | OFFSET | ELEVATION |
|-----------|----------------|-----------|--------|-----------|
| 2001 | TOWANDA BARNES | 777+40.00 | 31.00 | 815.50 |
| 2002 | TOWANDA BARNES | 777+60.00 | 31.37 | 815.44 |
| 2003 | TOWANDA BARNES | 777+80.00 | 32.87 | 815.39 |
| 2004 | TOWANDA BARNES | 778+00.00 | 35.53 | 815.32 |
| 2005 | TOWANDA BARNES | 778+20.00 | 39.38 | 815.26 |
| 2006 | TOWANDA BARNES | 778+40.00 | 44.81 | 815.20 |
| 2007 | TOWANDA BARNES | 778+60.00 | 58.60 | 815.08 |
| 2008 | TOWANDA BARNES | 778+66.92 | 67.92 | 814.99 |
| 2009 | RAAB | 306+00.00 | 31.63 | 814.82 |
| 2010 | RAAB | 305+88.70 | 30.73 | 814.66 |
| 2011 | RAAB | 305+80.00 | 29.94 | 814.67 |
| 2012 | RAAB | 305+60.00 | 28.12 | 814.77 |
| 2013 | RAAB | 305+40.00 | 26.30 | 814.90 |
| 2014 | RAAB | 305+20.00 | 24.48 | 815.02 |
| 2015 | RAAB | 305+20.00 | 31.06 | 814.92 |
| 2016 | RAAB | 305+40.00 | 32.07 | 814.81 |
| 2017 | RAAB | 305+60.00 | 34.33 | 814.68 |
| 2018 | RAAB | 305+80.00 | 37.85 | 814.55 |
| 2019 | RAAB | 305+88.70 | 39.79 | 814.51 |
| 2020 | RAAB | 306+00.00 | 42.69 | 814.68 |
| 2021 | RAAB | 306+20.00 | 49.81 | 814.87 |
| 2022 | RAAB | 306+40.00 | 70.16 | 815.27 |
| 2023 | TOWANDA BARNES | 780+00.00 | 43.24 | 815.30 |
| 2024 | TOWANDA BARNES | 780+20.00 | 43.59 | 815.23 |
| 2025 | TOWANDA BARNES | 777+40.00 | 0.00 | 815.96 |
| 2026 | TOWANDA BARNES | 777+60.00 | 0.00 | 815.91 |
| 2027 | TOWANDA BARNES | 777+80.00 | 0.00 | 815.88 |
| 2028 | TOWANDA BARNES | 778+00.00 | 0.00 | 815.87 |
| 2029 | TOWANDA BARNES | 778+20.00 | 0.00 | 815.88 |

| POINT NO. | ROADWAY | STATION | OFFSET | ELEVATION |
|-----------|----------------|-----------|--------|-----------|
| 2030 | TOWANDA BARNES | 778+40.00 | 0.00 | 815.92 |
| 2031 | TOWANDA BARNES | 778+60.00 | 0.00 | 815.97 |
| 2032 | TOWANDA BARNES | 778+80.00 | 0.00 | 816.02 |
| 2033 | TOWANDA BARNES | 779+00.00 | 0.00 | 816.05 |
| 2034 | TOWANDA BARNES | 779+20.00 | 0.00 | 816.06 |
| 2035 | TOWANDA BARNES | 779+40.00 | 0.00 | 816.06 |
| 2036 | TOWANDA BARNES | 779+76.11 | 0.00 | 816.00 |
| 2037 | TOWANDA BARNES | 780+00.00 | 0.00 | 815.95 |
| 2038 | TOWANDA BARNES | 780+20.00 | 0.00 | 815.88 |
| 2039 | RAAB | 305+20.00 | 0.00 | 815.39 |
| 2040 | RAAB | 305+40.00 | 0.00 | 815.29 |
| 2041 | RAAB | 305+60.00 | 0.00 | 815.19 |
| 2042 | RAAB | 305+80.00 | 0.00 | 815.12 |
| 2043 | RAAB | 305+88.78 | 0.00 | 815.11 |
| 2044 | RAAB | 306+00.00 | 0.00 | 815.13 |
| 2045 | RAAB | 306+20.00 | 0.00 | 815.22 |
| 2046 | RAAB | 306+40.00 | 0.00 | 815.38 |
| 2047 | TOWANDA BARNES | 778+00.00 | 31.00 | 815.41 |
| 2048 | TOWANDA BARNES | 778+25.00 | 31.00 | 815.43 |
| 2049 | TOWANDA BARNES | 778+35.55 | 31.00 | 815.21 |
| 2050 | TOWANDA BARNES | 778+50.00 | 31.00 | 815.48 |
| 2051 | TOWANDA BARNES | 778+75.00 | 31.00 | 815.55 |
| 2052 | TOWANDA BARNES | 779+50.00 | 31.00 | 815.58 |
| 2053 | TOWANDA BARNES | 779+75.00 | 31.00 | 815.54 |
| 2054 | TOWANDA BARNES | 780+00.00 | 31.00 | 815.49 |
| 2055 | TOWANDA BARNES | 778+50.00 | 43.00 | 815.26 |
| 2056 | TOWANDA BARNES | 778+75.00 | 43.00 | 815.36 |
| 2057 | TOWANDA BARNES | 779+50.00 | 43.00 | 815.39 |
| 2058 | TOWANDA BARNES | 779+75.00 | 43.00 | 815.35 |

POINTS 2001-2024 ARE AT EDGE OF PAVEMENT
 POINTS 2025-2046 ARE AT CENTERLINE OF ROAD
 POINTS 2047-2058 ARE IN ROADWAY PAVEMENT



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 PLOT SCALE = 1/8"=20'
 PLOT DATE = 8/7/2014

DESIGNED - DLC
 DRAWN - RLA
 CHECKED - MGD
 DATE - 6/27/14

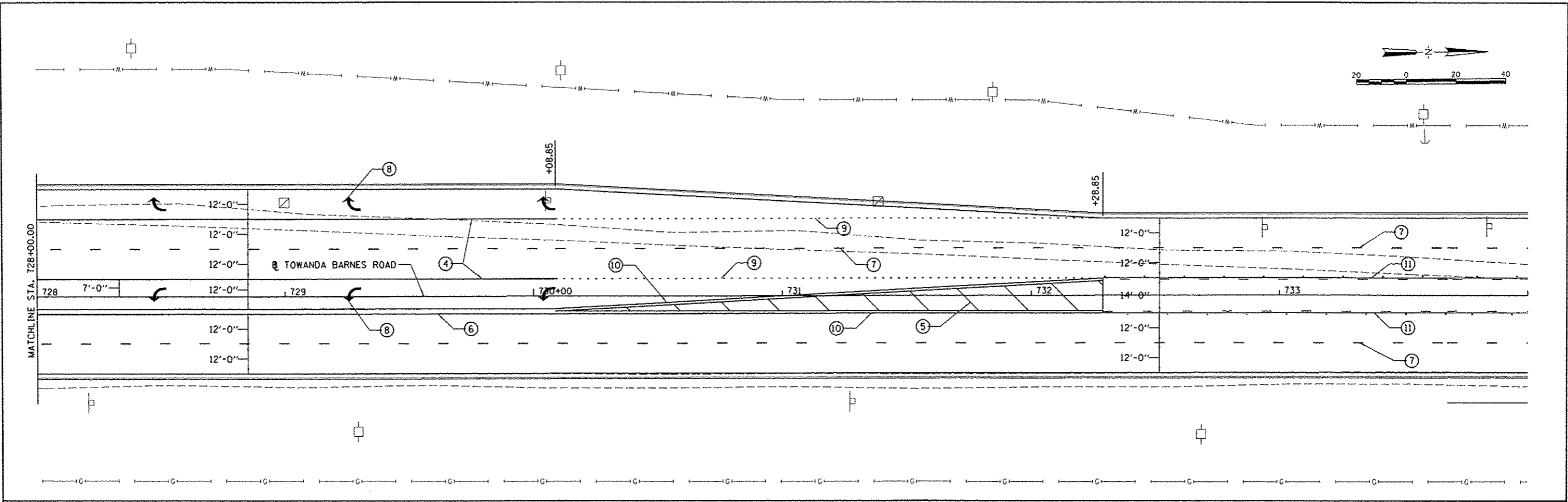
REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TOWANDA BARNES RD. & RAAB RD.
 INTERSECTION DETAIL

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

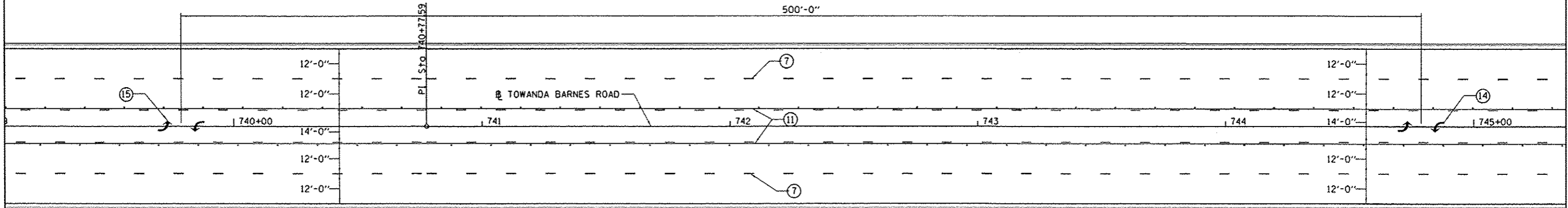
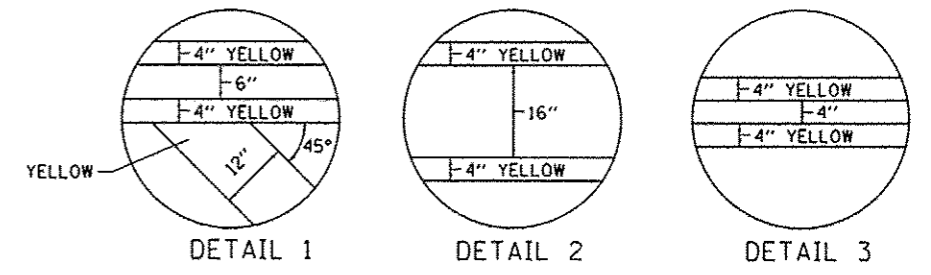
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| 6431 | 07-00113-04-FP | McLEAN | 162 | 75 |
| CONTRACT NO. 91400 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270(49) | | | | |



LEGEND

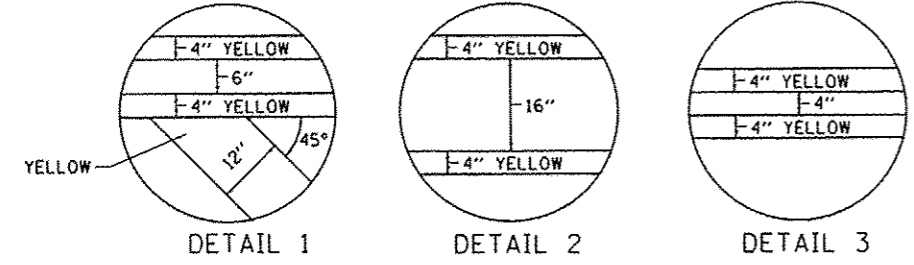
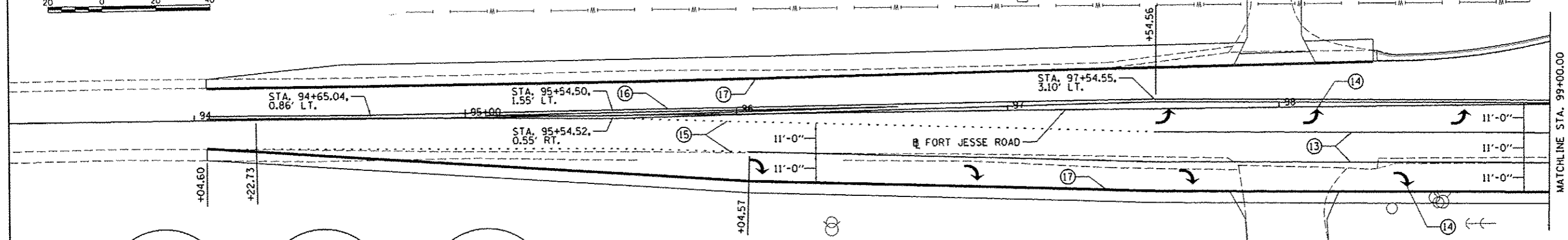
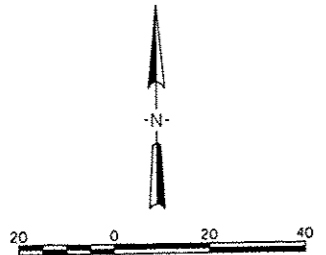
- 1. WHITE THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- 2. YELLOW PAINT PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
- 3. WHITE PAINT PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
- 4. WHITE THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
- 5. YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
- 6. DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING LINE (4" SOLID - 16" GAP) - SEE DETAIL 2
- 7. WHITE PAINT PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- 8. THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW 20' FROM BACK OF STORAGE-SPACE REMAINING ARROWS EVENLY BETWEEN)

- 9. WHITE THERMOPLASTIC PAVEMENT MARKING LINE - 8" (2' LONG, 6' GAP)
- 10. DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 4" SOLID - SEE DETAIL 1
- 11. DOUBLE YELLOW PAINT PAVEMENT MARKING LINE 4" SOLID OUTSIDE (10' LONG, 30' GAP INSIDE) - SEE DETAIL 3
- 12. WHITE PAINT STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- 13. WHITE PAINT PAVEMENT MARKING LINE - 8" SOLID
- 14. PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW 20' AT BACK OF STORAGE)
- 15. WHITE PAINT PAVEMENT MARKING LINE - 8" (2' LONG, 6' GAP)
- 16. DOUBLE YELLOW PAINT PAVEMENT MARKING LINE - 4" SOLID - SEE DETAIL 3
- 17. WHITE PAINT PAVEMENT MARKING LINE - 4" SOLID



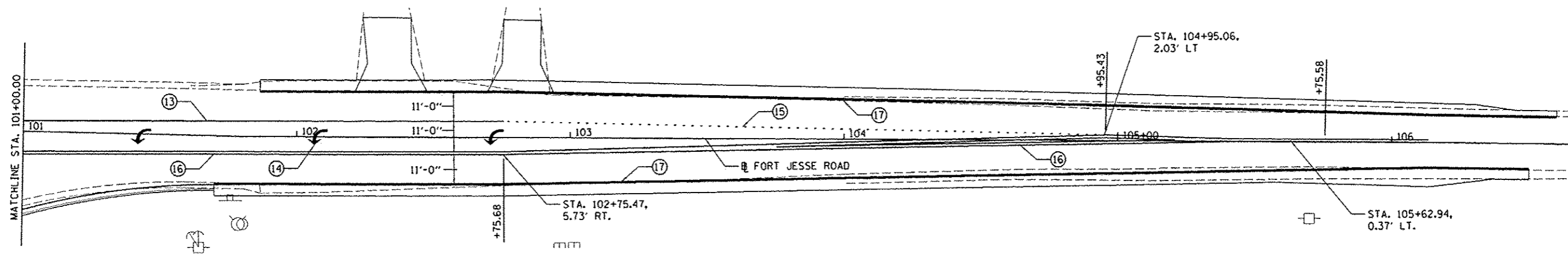
TOWANDA BARNES TYPICAL PAVEMENT MARKING SECTION
STA. 732+28.85 TO STA. 774+27.32

| | | | | | | | | | | | | |
|---|-------------------------------|-------------------|--------------|---|---|--|-----------------------|----------------|---------------------------|------------------|---------------------|-----------------|
| FILE NAME I:\07jobs\071.0042\CA000\Road\Sheet\c-102\wk.dgn | USER NAME c_andr-00046 | DESIGNED MGD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. PAVEMENT MARKING PLAN | | | F.A.U. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 77 |
| | PLOT SCALE = 40.0000' / 1" | CHECKED CAL | REVISOR - | | | | | SCALE: 1"=20' | SHEET NO. | OF SHEETS | STA. | TO STA. |
| PLOT DATE = 8/7/2014 | | DATE = 6/27/14 | REVISOR - | | | | CONTRACT NO. 91400 | | | | | |

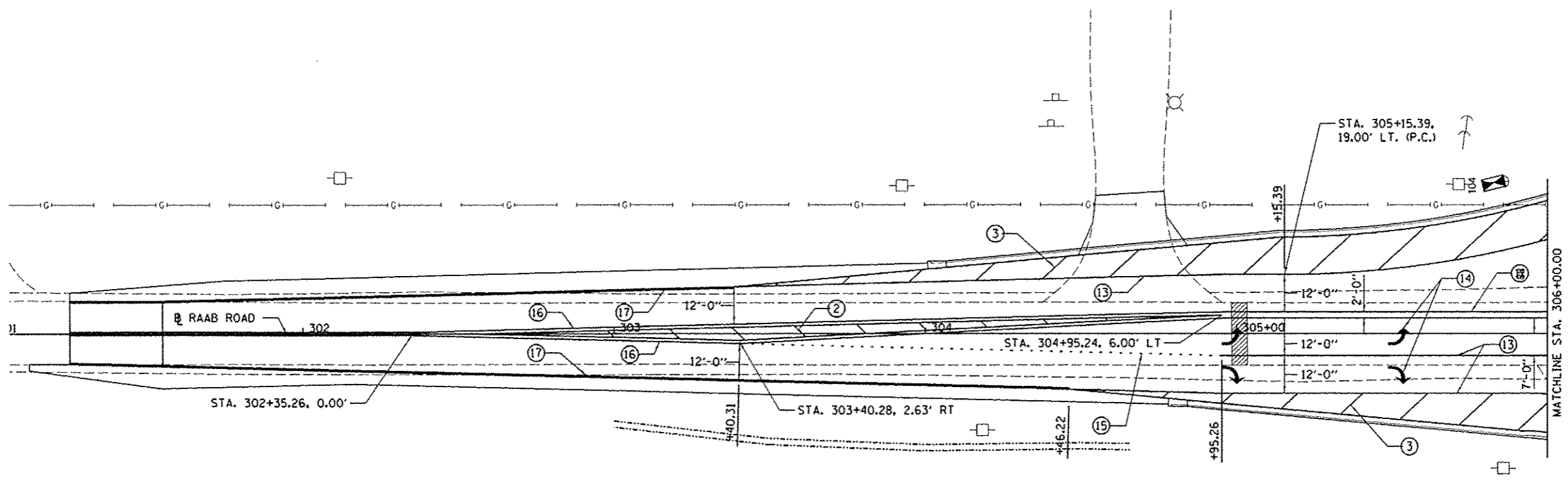


LEGEND

- 1. WHITE THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- 2. YELLOW PAINT PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
- 3. WHITE PAINT PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
- 4. WHITE THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
- 5. YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
- 6. DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING LINE (4" SOLID - 16" GAP) - SEE DETAIL 2
- 7. WHITE PAINT PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- 8. THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW 20' FROM BACK OF STORAGE-SPACE REMAINING ARROWS EVENLY BETWEEN)
- 9. WHITE THERMOPLASTIC PAVEMENT MARKING LINE - 8" (2' LONG, 6' GAP)
- 10. DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 4" SOLID - SEE DETAIL 1
- 11. DOUBLE YELLOW PAINT PAVEMENT MARKING LINE 4" SOLID OUTSIDE (10' LONG, 30' GAP INSIDE) - SEE DETAIL 3
- 12. WHITE PAINT STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- 13. WHITE PAINT PAVEMENT MARKING LINE - 8" SOLID
- 14. PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW 20' AT BACK OF STORAGE)
- 15. WHITE PAINT PAVEMENT MARKING LINE - 8" (2' LONG, 6' GAP)
- 16. DOUBLE YELLOW PAINT PAVEMENT MARKING LINE - 4" SOLID - SEE DETAIL 3
- 17. WHITE PAINT PAVEMENT MARKING LINE - 4" SOLID

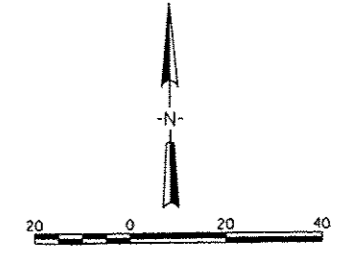
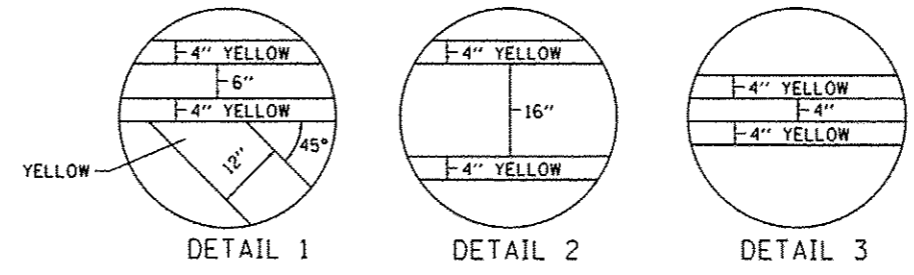


| | | | | | | | | | | | | |
|--|-----------------------|----------------|-----------|---|--|---------------------|--------------|--------------------|------------------------|---------------|------------------|--------------|
| FILE NAME : I:\07\jobs\07L0042\CA00\Road\Sheet\105.dgn | USER NAME : andr00846 | DESIGNED - MGD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | FORT JESSE RD. PAVEMENT MARKING PLAN | | | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 80 |
| PLOT SCALE : 40.0000 / in. | PLOT DATE : 6/27/2014 | DRAWN - DLC | REVISED - | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA. | CONTRACT NO. 91400 | | | | |
| CHECKED - CAL | DATE - 6/27/14 | REVISOR - | REVISOR - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52210491 | | | | | | | |
| | | | | | | | | | | | | |



LEGEND

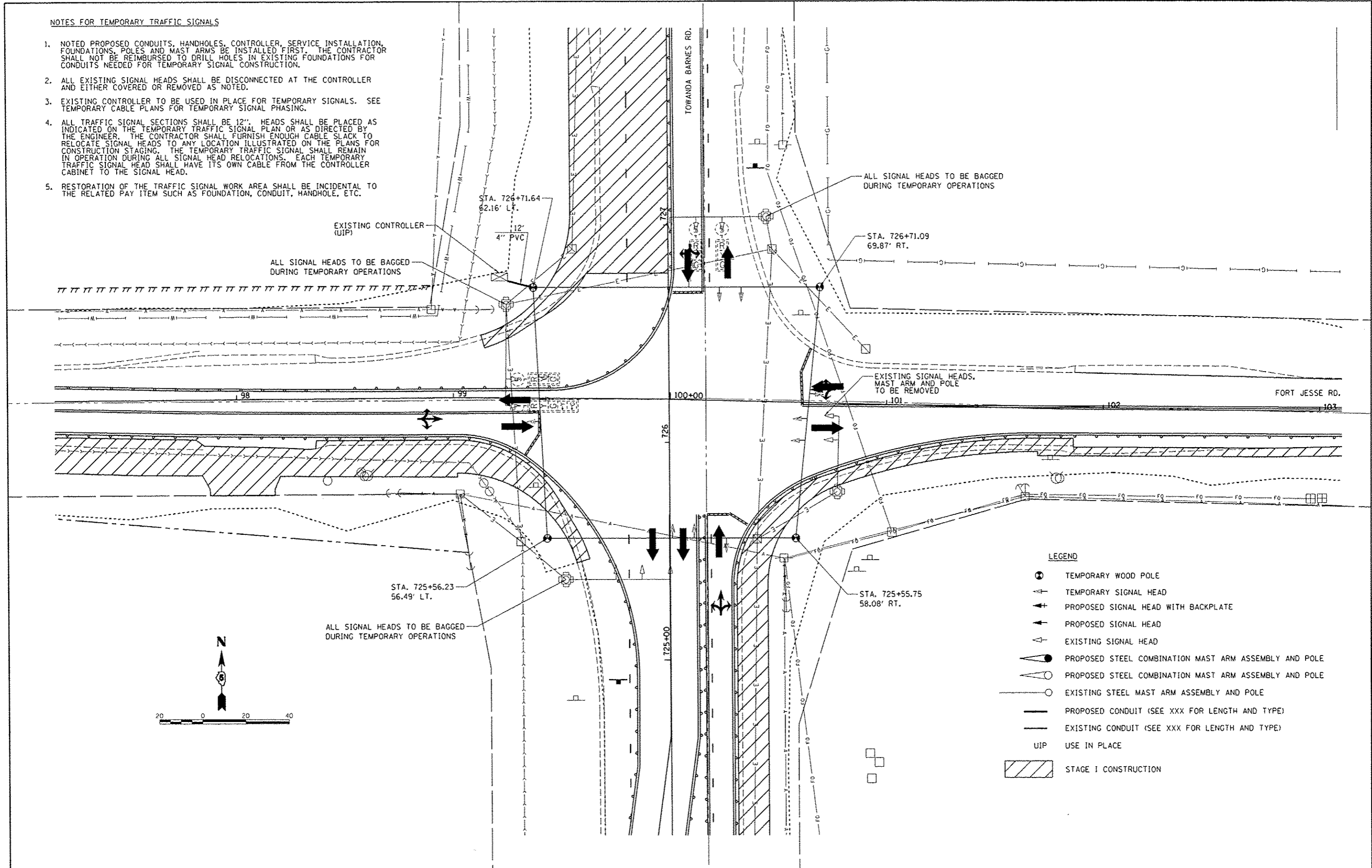
1. WHITE THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
2. YELLOW PAINT PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
3. WHITE PAINT PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
4. WHITE THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
5. YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC) - SEE DETAIL 1
6. DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING LINE (4" SOLID - 16" GAP) - SEE DETAIL 2
7. WHITE PAINT PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
8. THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW 20' FROM BACK OF STORAGE-SPACE REMAINING ARROWS EVENLY BETWEEN)
9. WHITE THERMOPLASTIC PAVEMENT MARKING LINE - 8" (2' LONG, 6' GAP)
10. DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 4" SOLID - SEE DETAIL 1
11. DOUBLE YELLOW PAINT PAVEMENT MARKING LINE 4" SOLID OUTSIDE (10' LONG, 30' GAP INSIDE) - SEE DETAIL 3
12. WHITE PAINT STOP BAR PAVEMENT MARKING LINE - 24" SOLID
13. WHITE PAINT PAVEMENT MARKING LINE - 8" SOLID
14. PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW 20' AT BACK OF STORAGE)
15. WHITE PAINT PAVEMENT MARKING LINE - 8" (2' LONG, 6' GAP)
16. DOUBLE YELLOW PAINT PAVEMENT MARKING LINE - 4" SOLID - SEE DETAIL 3
17. WHITE PAINT PAVEMENT MARKING LINE - 4" SOLID



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|--|-------------------------|-------------------|--------------|---|---|-----------|-----------|---------------------|---------------------------|--------------------|---------------------|-----------------|
| FILE NAME I:\07jobs\07L0842\CAD\Road\Sheet\c-106-rk.dgn | USER NAME ander00846 | DESIGNED - MGD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | RAAB RD. PAVEMENT MARKING PLAN | | | F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 81 |
| PLOT SCALE = 40,0000 / 1 in. | CHECKED - CAL | DATE - 6/27/14 | REVISED - | | SCALE: 1"=20' | SHEET NO. | OF SHEETS | STA. | TO STA. | CONTRACT NO. 91400 | | |
| PLOT DATE = 8/7/2014 | DATE | REVISED | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5227(049) | | | | | | | |
| | | | | | | | | | | | | |

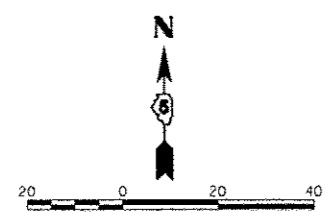
NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. NOTED PROPOSED CONDUITS, HANDHOLES, CONTROLLER, SERVICE INSTALLATION, FOUNDATIONS, POLES AND MAST ARMS BE INSTALLED FIRST. THE CONTRACTOR SHALL NOT BE REIMBURSED TO DRILL HOLES IN EXISTING FOUNDATIONS FOR CONDUITS NEEDED FOR TEMPORARY SIGNAL CONSTRUCTION.
2. ALL EXISTING SIGNAL HEADS SHALL BE DISCONNECTED AT THE CONTROLLER AND EITHER COVERED OR REMOVED AS NOTED.
3. EXISTING CONTROLLER TO BE USED IN PLACE FOR TEMPORARY SIGNALS. SEE TEMPORARY CABLE PLANS FOR TEMPORARY SIGNAL PHASING.
4. ALL TRAFFIC SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE SIGNAL HEADS TO ANY LOCATION ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
5. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC.

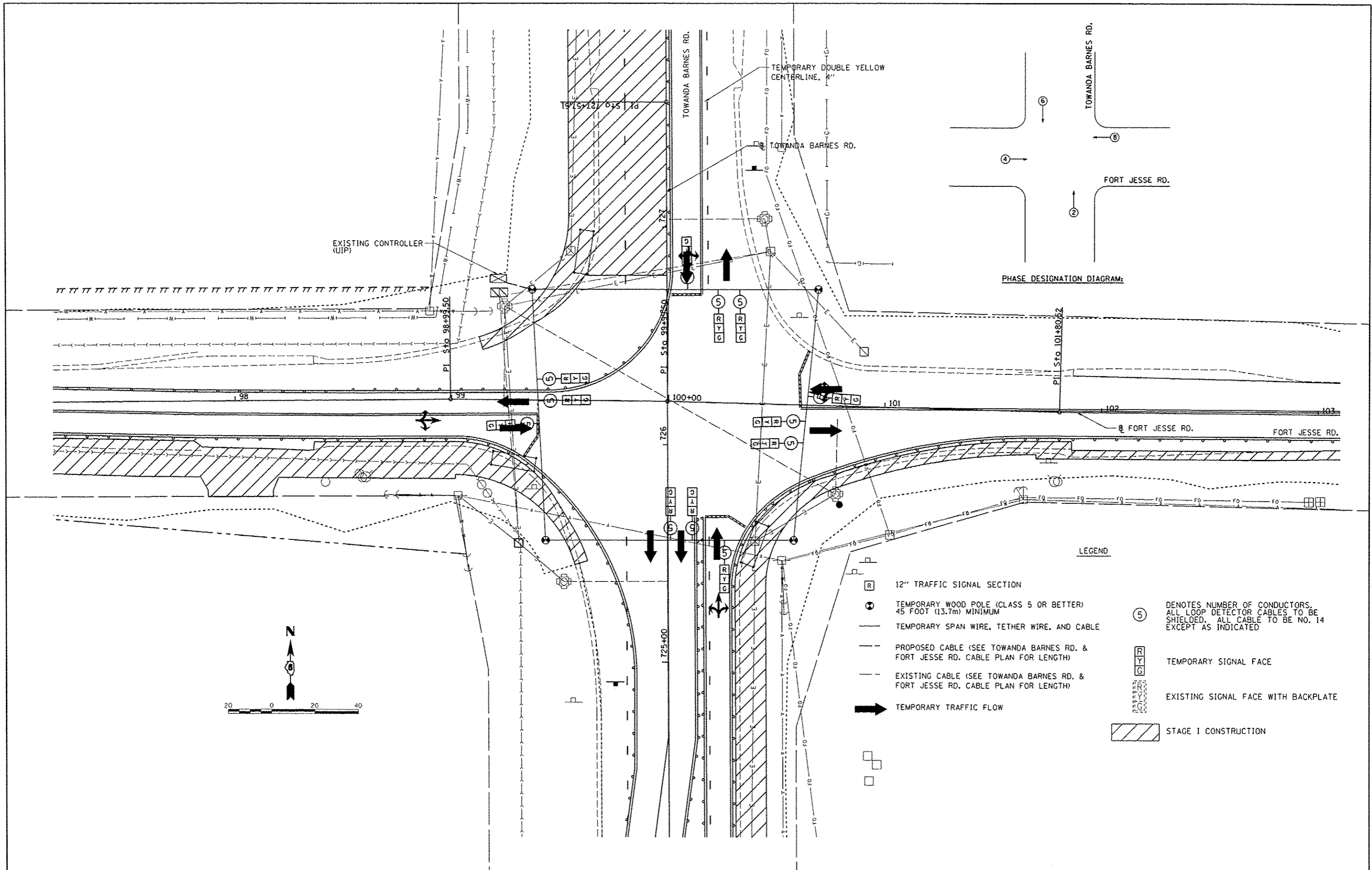


LEGEND

- ⊙ TEMPORARY WOOD POLE
- ⊙ TEMPORARY SIGNAL HEAD
- ⊕ PROPOSED SIGNAL HEAD WITH BACKPLATE
- ⊕ PROPOSED SIGNAL HEAD
- ⊙ EXISTING SIGNAL HEAD
- ⊕ PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- ⊕ PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- ⊙ EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- PROPOSED CONDUIT (SEE XXX FOR LENGTH AND TYPE)
- EXISTING CONDUIT (SEE XXX FOR LENGTH AND TYPE)
- UIP USE IN PLACE
- ▨ STAGE I CONSTRUCTION



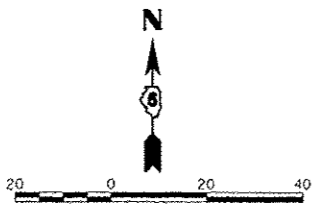
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| | PLOT SCALE : 40.0000' / 1" = | CHECKED - KNB | REVISED - | | | | | SCALE : 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA. | CONTRACT NO. 91400 | |
| PLOT DATE : 8/7/2014 | DATE : | REVISED - | REVISED - | | | | | | | | | |



PHASE DESIGNATION DIAGRAM:

LEGEND

- 12" TRAFFIC SIGNAL SECTION
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- PROPOSED CABLE (SEE TOWANDA BARNES RD. & FORT JESSE RD. CABLE PLAN FOR LENGTH)
- EXISTING CABLE (SEE TOWANDA BARNES RD. & FORT JESSE RD. CABLE PLAN FOR LENGTH)
- TEMPORARY TRAFFIC FLOW
- TEMPORARY SIGNAL FACE
- EXISTING SIGNAL FACE WITH BACKPLATE
- STAGE I CONSTRUCTION
- DENOTES NUMBER OF CONDUCTORS. ALL LOOP DETECTOR CABLES TO BE SHIELDED. ALL CABLE TO BE NO. 14 EXCEPT AS INDICATED



| | | | |
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| FILE NAME : | USER NAME : eonder-00846 | DESIGNED - EMS | REVISED - |
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| | | CHECKED - KNB | REVISED - |
| | | DATE - | REVISED - |
| | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

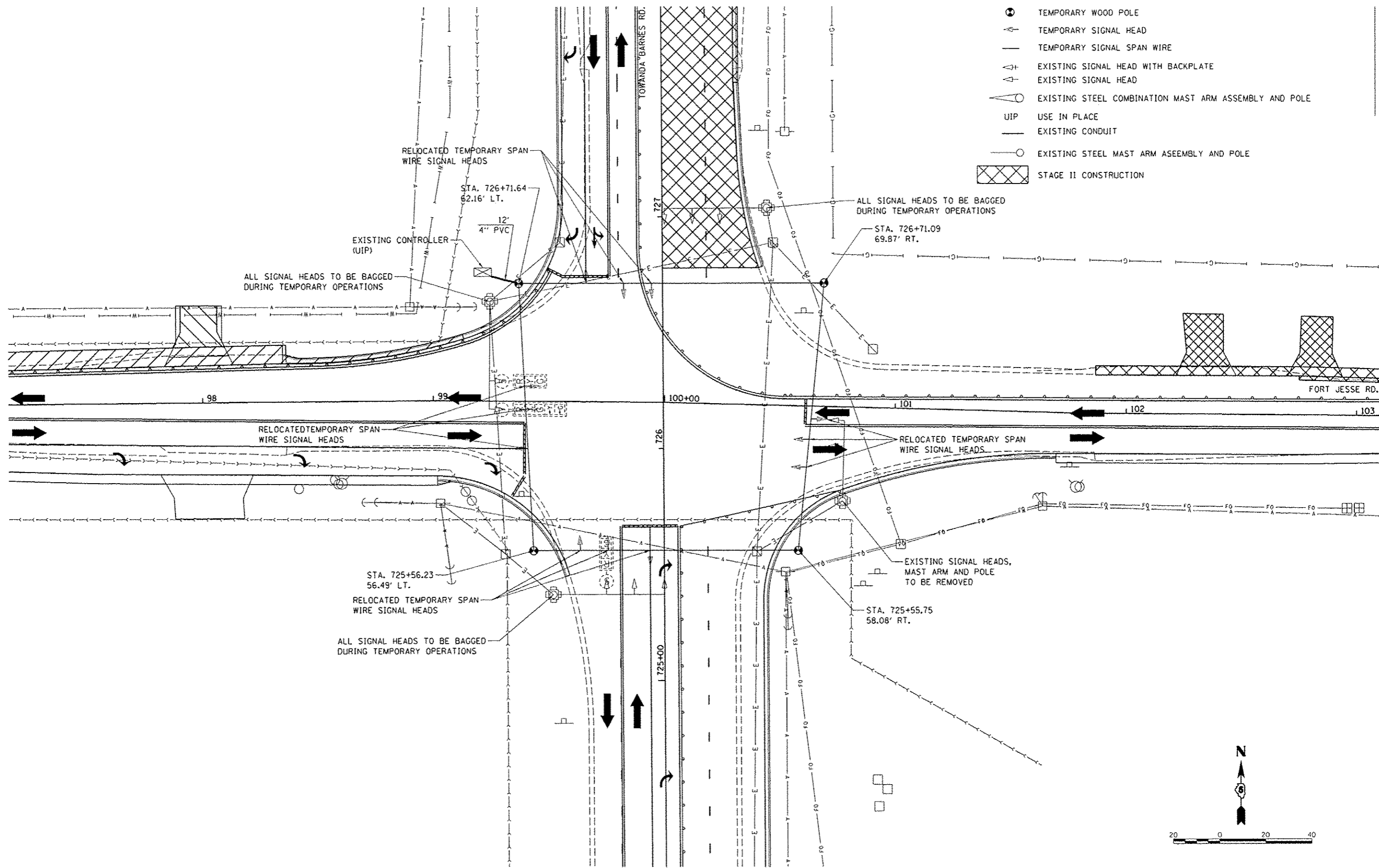
**TOWANDA BARNES RD. & FORT JESSE RD.
TEMPORARY CABLE PLAN, STAGE 1**

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

| | | | | |
|--|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | McLEAN | 162 | 83 |
| CONTRACT NO. | | | 91400 | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | | | |

LEGEND

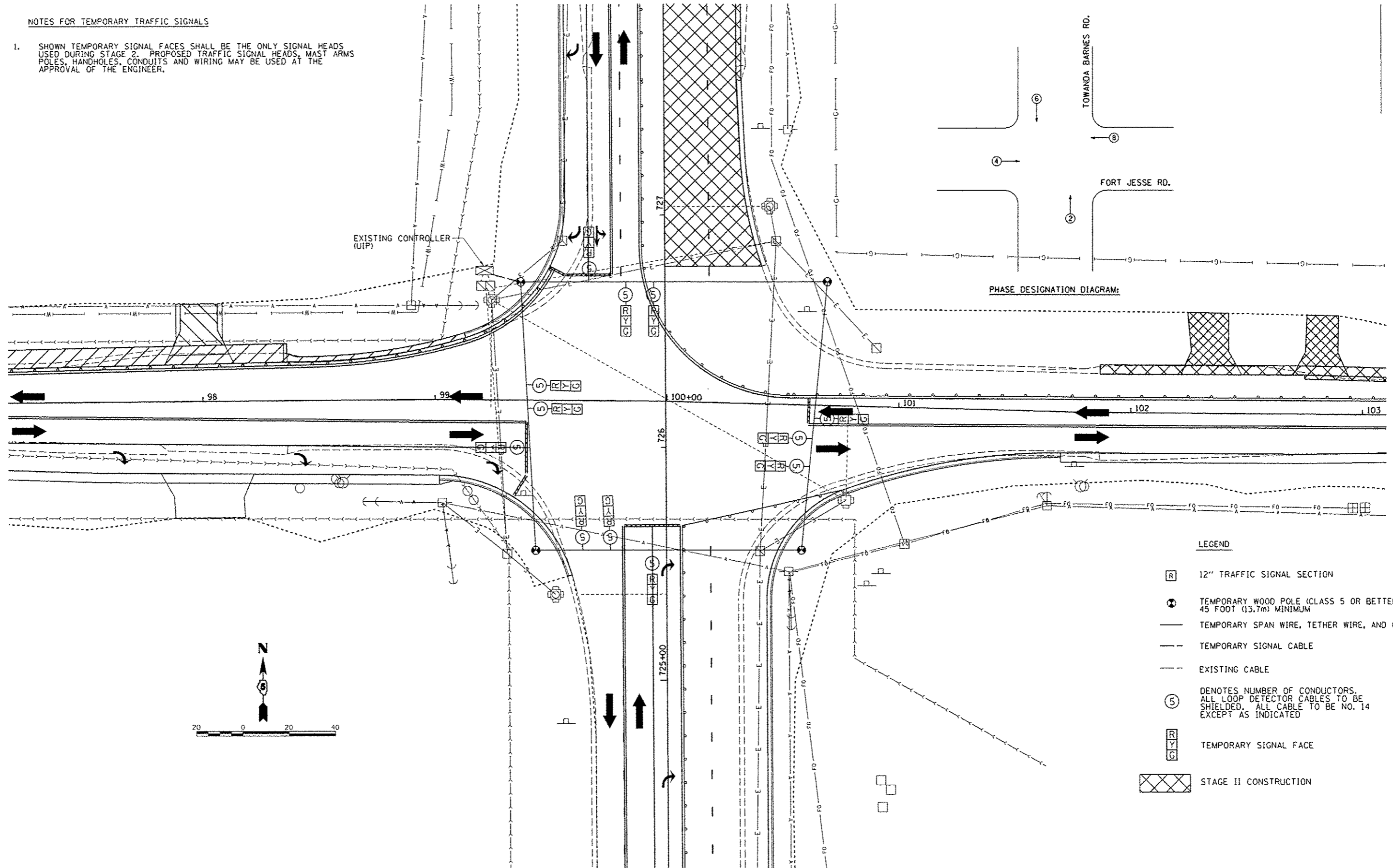
- ⊙ TEMPORARY WOOD POLE
- ⤴ TEMPORARY SIGNAL HEAD
- TEMPORARY SIGNAL SPAN WIRE
- ⤴+ EXISTING SIGNAL HEAD WITH BACKPLATE
- ⤴ EXISTING SIGNAL HEAD
- ⊙ EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- UIP USE IN PLACE
- EXISTING CONDUIT
- ⊙ EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- ▨ STAGE II CONSTRUCTION



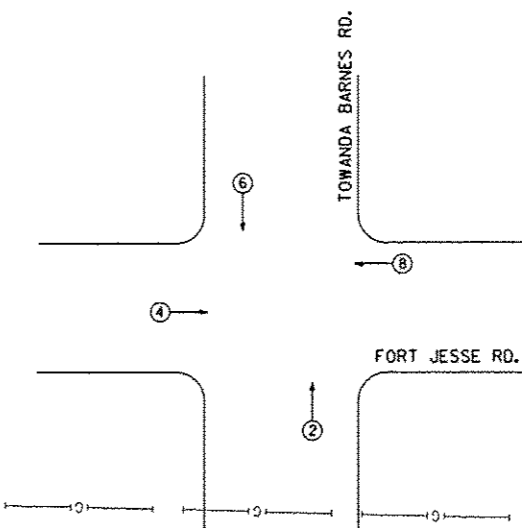
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| | PLOT SCALE = 48,0000 1" = 100' | DRAWN - EMS | REVISED - | | | 6431 | 07-00113-04-FP | MCLEAN | 162 | 84 |
| | PLOT DATE = 8/7/2014 | CHECKED - KNB | REVISED - | | | CONTRACT NO. 91400 | | | | |
| | DATE - | REVISED - | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5227(049) | | | | | | | |

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. SHOWN TEMPORARY SIGNAL FACES SHALL BE THE ONLY SIGNAL HEADS USED DURING STAGE 2. PROPOSED TRAFFIC SIGNAL HEADS, MAST ARMS, POLES, HANDHOLES, CONDUITS AND WIRING MAY BE USED AT THE APPROVAL OF THE ENGINEER.

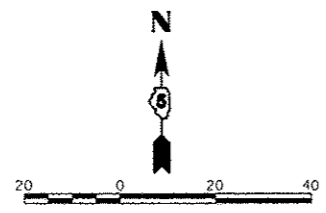


PHASE DESIGNATION DIAGRAM:



LEGEND

- [R] 12" TRAFFIC SIGNAL SECTION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- - - TEMPORARY SIGNAL CABLE
- - - EXISTING CABLE
- (5) DENOTES NUMBER OF CONDUCTORS. ALL LOOP DETECTOR CABLES TO BE SHIELDED. ALL CABLE TO BE NO. 14 EXCEPT AS INDICATED
- [R] [Y] [G] TEMPORARY SIGNAL FACE
- [X] [X] [X] [X] STAGE II CONSTRUCTION



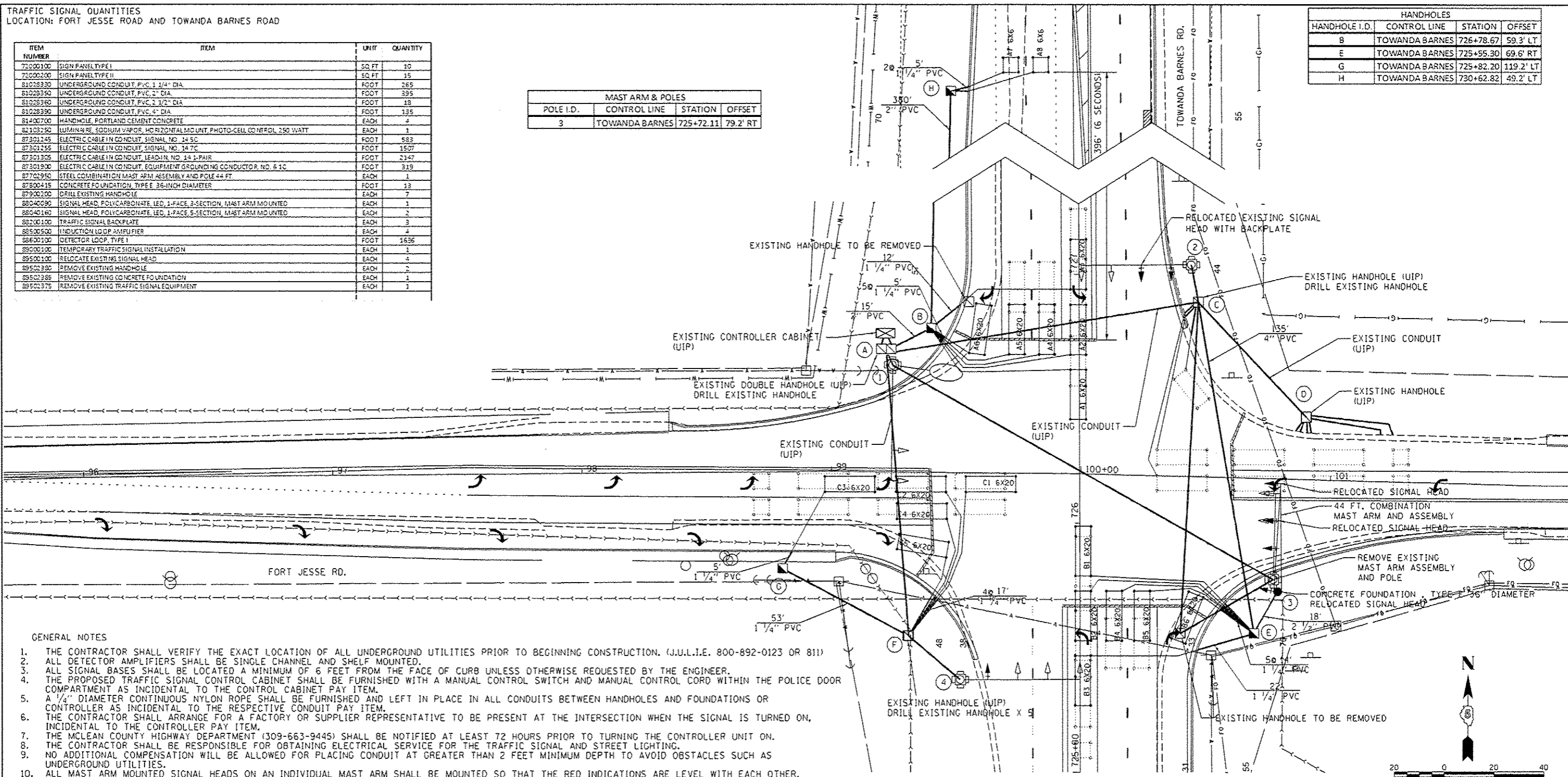
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| | PLOT SCALE = 40,0000 / in. | CHECKED - KNB | REVISED - | | | | | CONTRACT NO. 91400 | | | | |
| PLOT DATE = 8/7/2014 | DATE - | REVISED - | REVISED - | SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-52270491 | | | | | |

TRAFFIC SIGNAL QUANTITIES
LOCATION: FORT JESSE ROAD AND TOWANDA BARNES ROAD

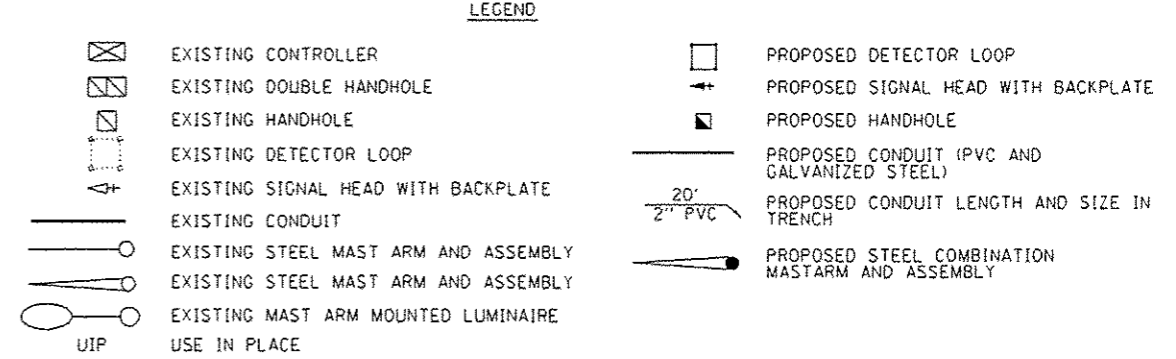
| ITEM NUMBER | ITEM | UNIT | QUANTITY |
|-------------|---|---------|----------|
| 7200100 | SIGN PANEL TYPE I | SQ. FT. | 10 |
| 7200200 | SIGN PANEL TYPE II | SQ. FT. | 15 |
| 8102830 | UNDERGROUND CONDUIT, PVC, 1 1/4" DIA. | FOOT | 265 |
| 8102832 | UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 395 |
| 8102836 | UNDERGROUND CONDUIT, PVC, 2 1/2" DIA. | FOOT | 18 |
| 8102839 | UNDERGROUND CONDUIT, PVC, 4" DIA. | FOOT | 135 |
| 8140070 | HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 4 |
| 8210250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT | EACH | 1 |
| 8730124 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C | FOOT | 583 |
| 8730125 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C | FOOT | 1507 |
| 8730126 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1-PAIR | FOOT | 2147 |
| 8730190 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 319 |
| 8770290 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. | EACH | 1 |
| 8780041 | CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER | FOOT | 13 |
| 8790020 | DRILL EXISTING HANDHOLE | EACH | 7 |
| 8824009 | SIGNAL HEAD, POLYCARBONATE, LEG, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 1 |
| 8824010 | SIGNAL HEAD, POLYCARBONATE, LEG, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 2 |
| 8820010 | TRAFFIC SIGNAL BACKPLATE | EACH | 3 |
| 8850050 | INDUCTION LOOP AMPLIFIER | EACH | 4 |
| 8860010 | DETECTOR LOOP, TYPE I | FOOT | 1636 |
| 8900010 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| 8950010 | RELOCATE EXISTING SIGNAL HEAD | EACH | 4 |
| 8950030 | REMOVE EXISTING HANDHOLE | EACH | 2 |
| 8950035 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 1 |
| 8950037 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |

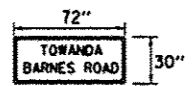
| MAST ARM & POLES | | | |
|------------------|----------------|-----------|----------|
| POLE I.D. | CONTROL LINE | STATION | OFFSET |
| 3 | TOWANDA BARNES | 725+72.11 | 79.2' RT |

| HANDHOLES | | | |
|---------------|----------------|-----------|-----------|
| HANDHOLE I.D. | CONTROL LINE | STATION | OFFSET |
| B | TOWANDA BARNES | 726+78.67 | 59.3' LT |
| E | TOWANDA BARNES | 725+55.30 | 69.6' RT |
| G | TOWANDA BARNES | 725+82.20 | 119.2' LT |
| H | TOWANDA BARNES | 730+62.82 | 49.2' LT |

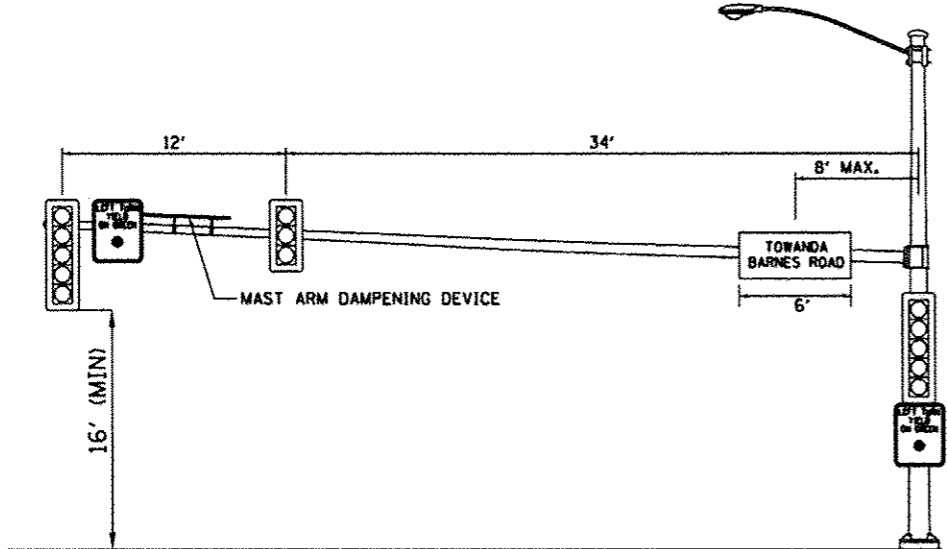


- GENERAL NOTES**
1. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. (J.U.L.I.E. 800-892-0123 OR 811)
 2. ALL DETECTOR AMPLIFIERS SHALL BE SINGLE CHANNEL AND SHELF MOUNTED.
 3. ALL SIGNAL BASES SHALL BE LOCATED A MINIMUM OF 6 FEET FROM THE FACE OF CURB UNLESS OTHERWISE REQUESTED BY THE ENGINEER.
 4. THE PROPOSED TRAFFIC SIGNAL CONTROL CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT AS INCIDENTAL TO THE CONTROL CABINET PAY ITEM.
 5. A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM.
 6. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM.
 7. THE MCLEAN COUNTY HIGHWAY DEPARTMENT (309-663-9445) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO TURNING THE CONTROLLER UNIT ON.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL AND STREET LIGHTING.
 9. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
 10. ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.
 11. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
 12. AT ALL LOCATIONS WHERE DETECTOR LOOPS ARE TO BE INSTALLED OVER EXISTING DETECTOR LOOPS, THE CONTRACTOR SHALL BE REQUIRED TO MAKE 2 SEPARATE SAW CUTS THROUGH EACH EXISTING DETECTOR LOOP TO PREVENT THE POSSIBILITY OF THE EXISTING LOOP SHORTING TO CREATE A CLOSED CIRCUIT. THIS WORK SHALL BE INCIDENTAL TO THE DETECTOR LOOP PAY ITEM.
 13. ALL DETECTOR LOOP HARNESSSES SHALL BE FURNISHED WITH PLASTIC TAGS LABELED WITH RESPECTIVE PHASES AND DIRECTION AS LISTED IN THE DETECTOR LOOP CHART. MINIMUM TAG SIZE OF 1 CM BY 2 CM. ALL DETECTOR AMPLIFIERS SHALL BE LABELED THE SAME AS THE HARNESS WITH A REMOVABLE TAG. TAGS SHALL BE MADE OF A MATERIAL THAT DOES NOT ALLOW WRITING TO FADE OVER TIME.
 14. THE DOUBLE HANDHOLES SHALL BE FURNISHED WITH RECESSED, INTEGRAL, HINGED LIDS.
 15. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.
 16. ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
 17. GROUND RODS SHALL BE SOLID COPPER ALLOY OR COPPER CLAD STEEL. GROUNDING RODS FOR CONTROLLER CABINET SHALL BE PLACED IN DOUBLE HANDHOLE.
 18. DRILLING HOLES THROUGH EXISTING CURB AND GUTTER, INSERTING CONDUIT AND FILLING WITH APPROVED SEALER FOR DETECTOR LOOPS IS INCIDENTAL TO THE CONTRACT.
 19. THE LENGTH OF DETECTOR LOOP CABLE FROM THE CURB TO THE JUNCTION BOX OR HANDHOLE IS INCIDENTAL TO THE DETECTOR LOOP PAY ITEM.
 20. DOUBLE FUSED FUSE HOLDERS AND SURGE ARRESTORS ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR IN THE BASE OF THE COMBINATION MAST ARM AS INCIDENTAL TO THE LIGHT FIXTURE PAY ITEM. THE LIGHT FIXTURE ON THE COMBINATION MAST ARM SHALL BE ATTACHED TO AN 8 FOOT ARM AS SHOWN IN THE STANDARD DRAWINGS, UNLESS SPECIFICALLY STATED OTHERWISE ELSEWHERE IN THE PLANS.
 21. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
 22. BACKPLATES MUST BE POLYCARBONATE WITH A DEEP BLACK FLANGE.
 23. LOOPS IN THE SAME LANE SHALL BE WOUND ALTERNATELY CLOCKWISE AND COUNTER-CLOCKWISE. LOOPS IN ADJACENT LANES SHALL BE WOUND IN THE SAME DIRECTION.
 24. THE CONDUITS SHOWN CONNECTING THE BACK OF CURB TO THE ROADSIDE CONCRETE HANDHOLE SHALL BE 1/4" TRENCHED PVC AND SHALL CONTAIN ONLY DETECTOR LOOP CABLE.





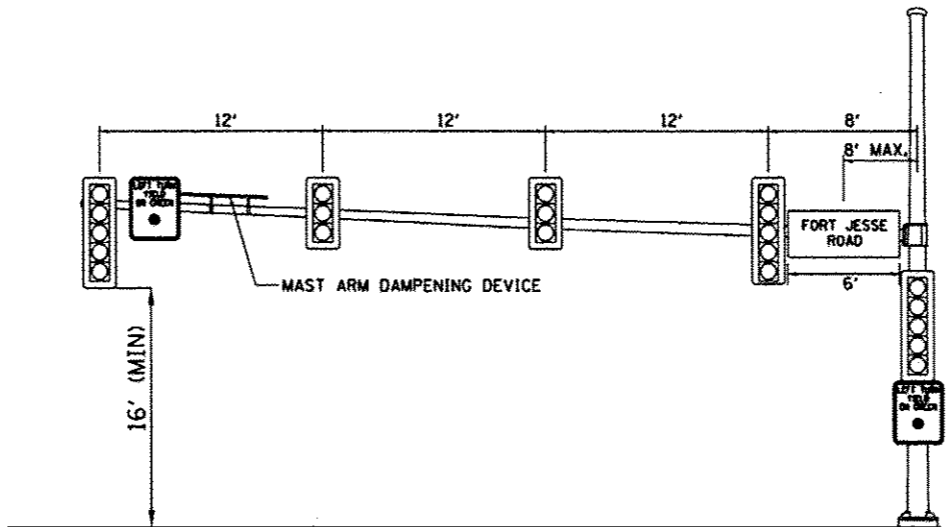
SIGN PANEL TYPE II
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 1 REQUIRED OF TOWANDA BARNES ROAD = 15.0 SQ FT
 8" SERIES D LETTERS
 MAST ARM MOUNTED
 ONLY HIGH INTENSITY SHEETING SHALL BE USED



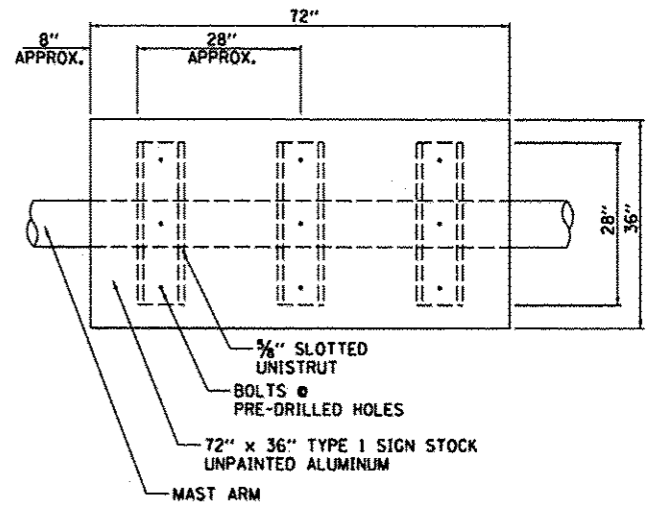
**FORT JESSE RD. AND TOWANDA BARNES RD. EXISTING
 NORTHWEST QUADRANT (WESTBOUND)**
 *EXISTING MAST ARM TO REMAIN



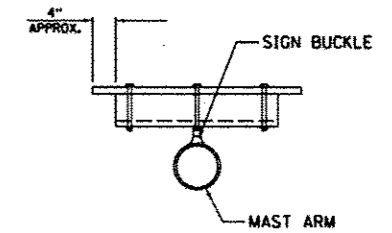
SIGN PANEL TYPE I
 0.8" BORDER
 2 REQUIRED OF R10-12 = 10.0 SQ FT
 ONLY HIGH INTENSITY SHEETING SHALL BE USED



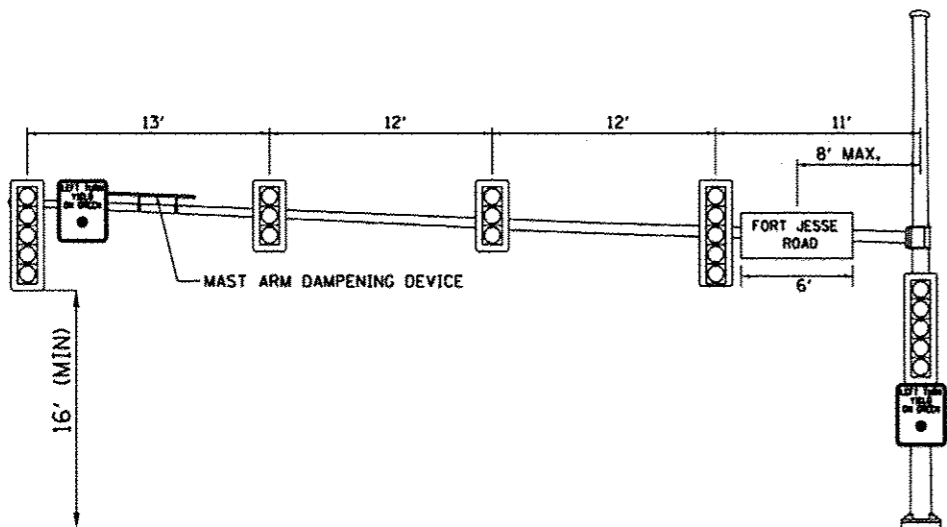
**FORT JESSE RD. AND TOWANDA BARNES RD. EXISTING
 NORTHEAST QUADRANT (NORTHTBOUND)**
 *EXISTING MAST ARM TO REMAIN



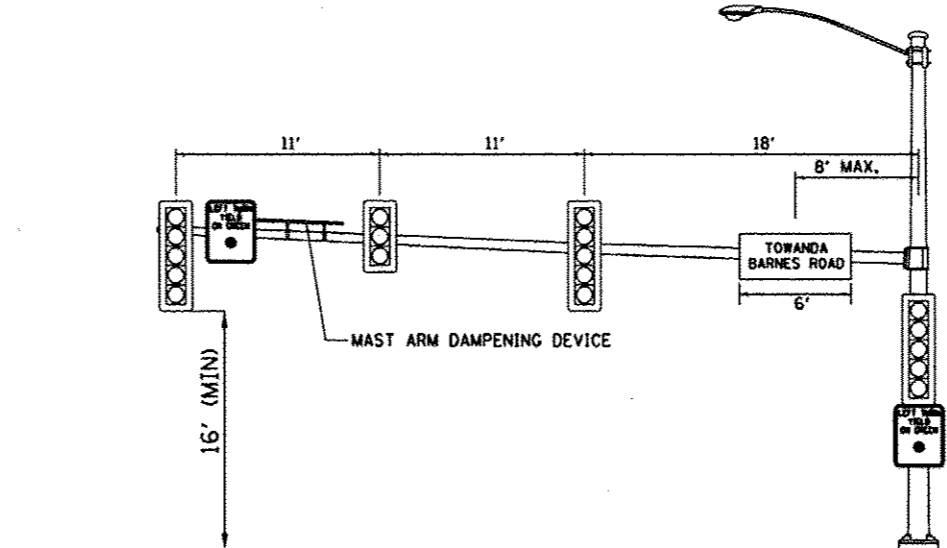
PLAN VIEW



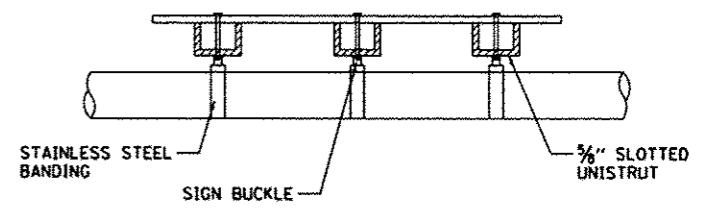
CROSS SECTION



**FORT JESSE RD. AND TOWANDA BARNES RD. EXISTING
 SOUTHWEST QUADRANT (SOUTHBOUND)**
 *EXISTING MAST ARM TO REMAIN



**FORT JESSE RD. AND TOWANDA BARNES RD. PROPOSED
 SOUTHEAST QUADRANT (EASTBOUND)**



ELEVATION

NOTE: PAINT ENDS OF UNISTRUT WITH SPRAY ON GALVANIZED PAINT

MAST ARM DAMPENING DEVICE MOUNTING DETAIL

| | | | |
|--|-----------------------|----------------|-----------|
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| 1:\07_jobs\071_0842\CA001\Road\Sheet\c-101.dgn | | DRAWN - KNB | REVISED - |
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| PLOT DATE * 8/11/2014 | | DATE - 6/27/14 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**








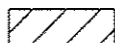
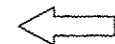
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| SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA. |
|---------------|---------------------|--------------|

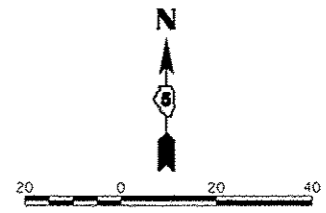
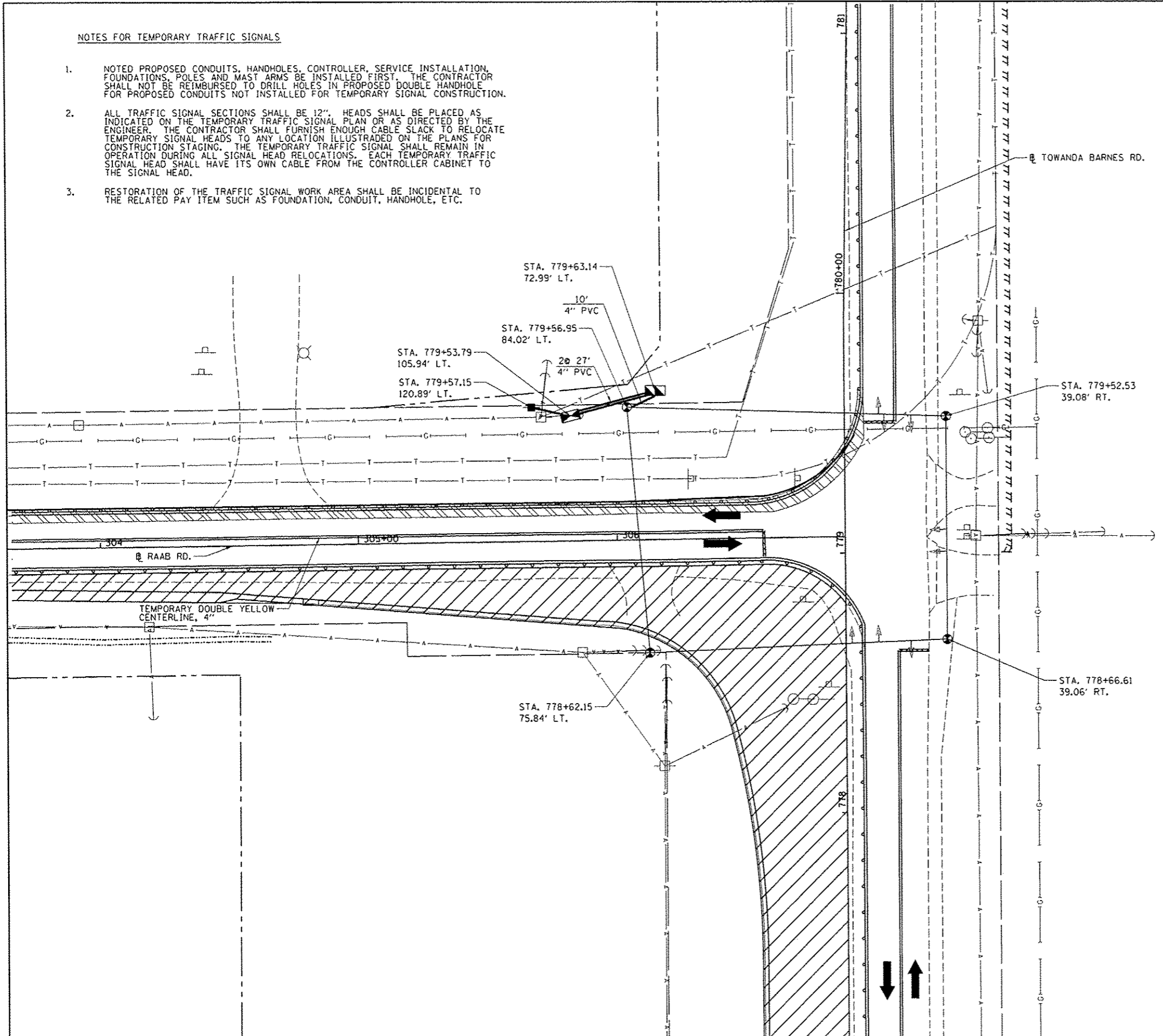
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-PP | MCLEAN | 162 | 88 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. NOTED PROPOSED CONDUITS, HANDHOLES, CONTROLLER, SERVICE INSTALLATION, FOUNDATIONS, POLES AND MAST ARMS BE INSTALLED FIRST. THE CONTRACTOR SHALL NOT BE REIMBURSED TO DRILL HOLES IN PROPOSED DOUBLE HANDHOLE FOR PROPOSED CONDUITS NOT INSTALLED FOR TEMPORARY SIGNAL CONSTRUCTION.
2. ALL TRAFFIC SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE TEMPORARY SIGNAL HEADS TO ANY LOCATION ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
3. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC.

LEGEND

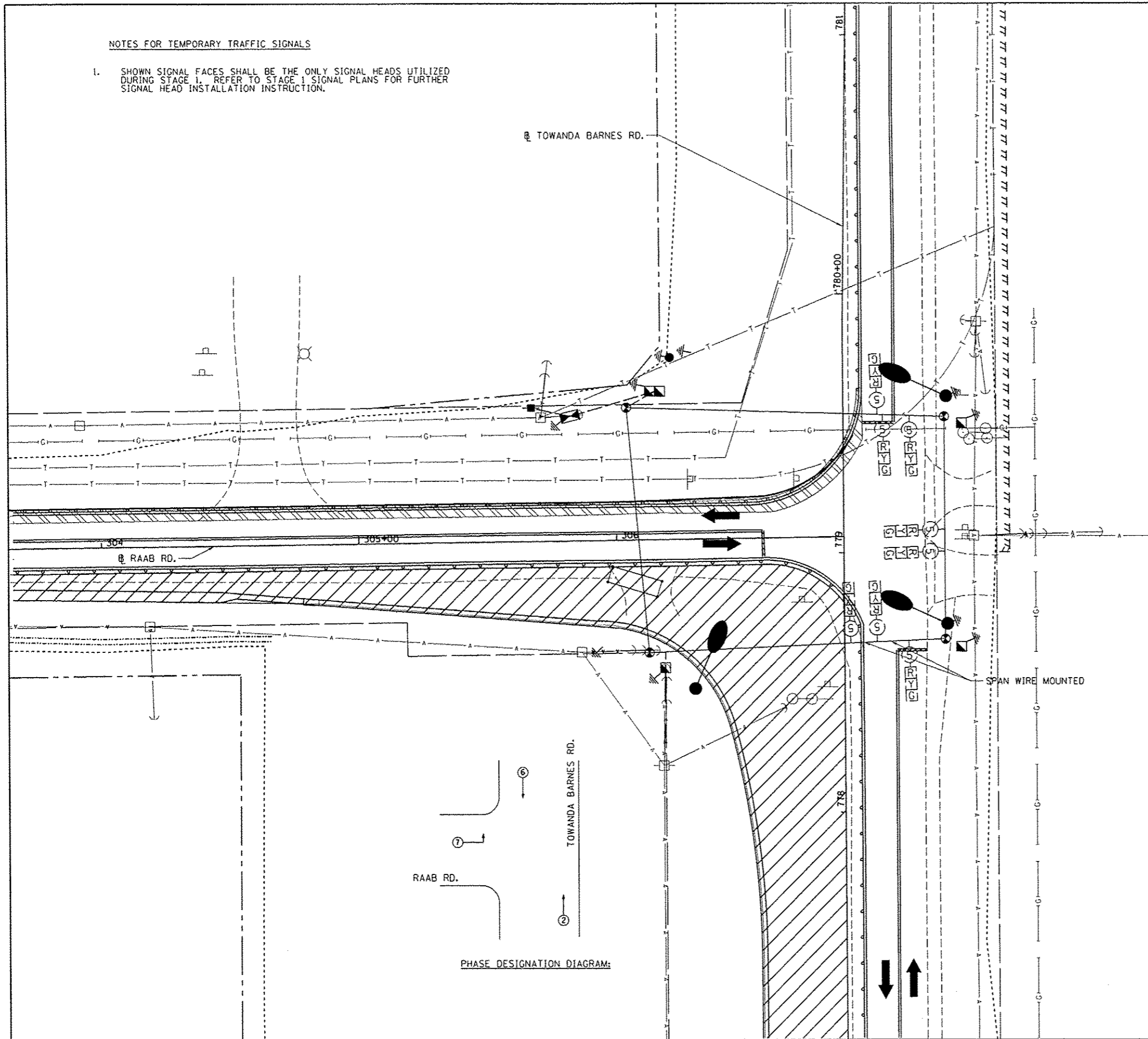
-  TEMPORARY SIGNAL HEAD SPAN WIRE MOUNTED
-  PROPOSED SERVICE INSTALLATION
-  PROPOSED CONTROLLER CABINET
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
-  PROPOSED CONDUIT (SEE XXX FOR LENGTH AND TYPE)
-  TEMPORARY PAVEMENT MARKING
-  STAGE I CONSTRUCTION
-  EXISTING TRAFFIC FLOW



| | | | | | | | | | | | |
|---|----------------------------|----------------|-----------|---|---|---|----------------|----------------------------------|-----------------|--------------|--|
| FILE NAME = | USER NAME = andr00846 | DESIGNED - EMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TOWANDA BARNES RD. & RAAB RD. TEMPORARY SIGNAL PLAN, STAGE 1 | F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| I:\07jobs\07L0042\CADD\Road\Sheet\c-101 | andrig.dgn | DRAWN - EMS | REVISED - | | | 6431 | 07-00113-04-FP | MCLEAN | 162 | 89 | |
| | PLOT SCALE = 40,0000' / 1" | CHECKED - KNB | REVISED - | | | CONTRACT NO. 91400 | | | | | |
| | PLOT DATE = 8/7/2014 | DATE | REVISED - | | | SCALE: 1" = 20' | | SHEET NO. OF SHEETS STA. TO STA. | | | |
| | | | | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5227(049) | | | | | |

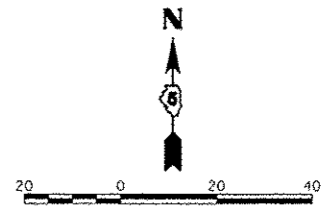
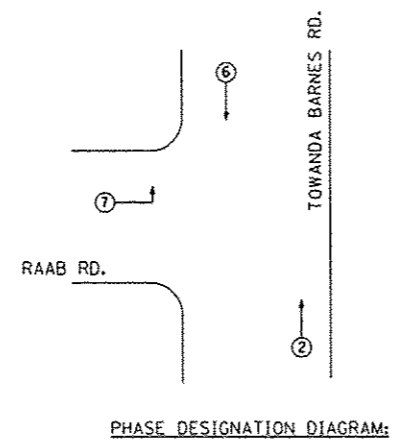
NOTES FOR TEMPORARY TRAFFIC SIGNALS

- SHOWN SIGNAL FACES SHALL BE THE ONLY SIGNAL HEADS UTILIZED DURING STAGE 1. REFER TO STAGE 1 SIGNAL PLANS FOR FURTHER SIGNAL HEAD INSTALLATION INSTRUCTION.



LEGEND

- 12" TRAFFIC SIGNAL SECTION
- PROPOSED SERVICE INSTALLATION
- PROPOSED CONTROLLER CABINET
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- PROPOSED CABLE (SEE TOWANDA BARNES RD. AND RAAB RD. CABLE PLAN FOR LENGTH)
- TEMPORARY PAVEMENT MARKING
- PROPOSED FOUNDATION
- DENOTES NUMBER OF CONDUCTORS. ALL LOOP DETECTOR CABLES TO BE SHIELDED. ALL CABLE TO BE NO. 14 EXCEPT AS INDICATED
- PROPOSED SIGNAL FACE WITH BACKPLATE
- PROPOSED SIGNAL FACE
- TEMPORARY SIGNAL FACE
- STAGE I CONSTRUCTION
- EXISTING TRAFFIC FLOW



| | | | |
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| | | CHECKED - KNB | REVISED - |
| | | DATE - | REVISED - |
| PLOT SCALE = 40,0000 / in. | | | |
| PLOT DATE = 8/7/2014 | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

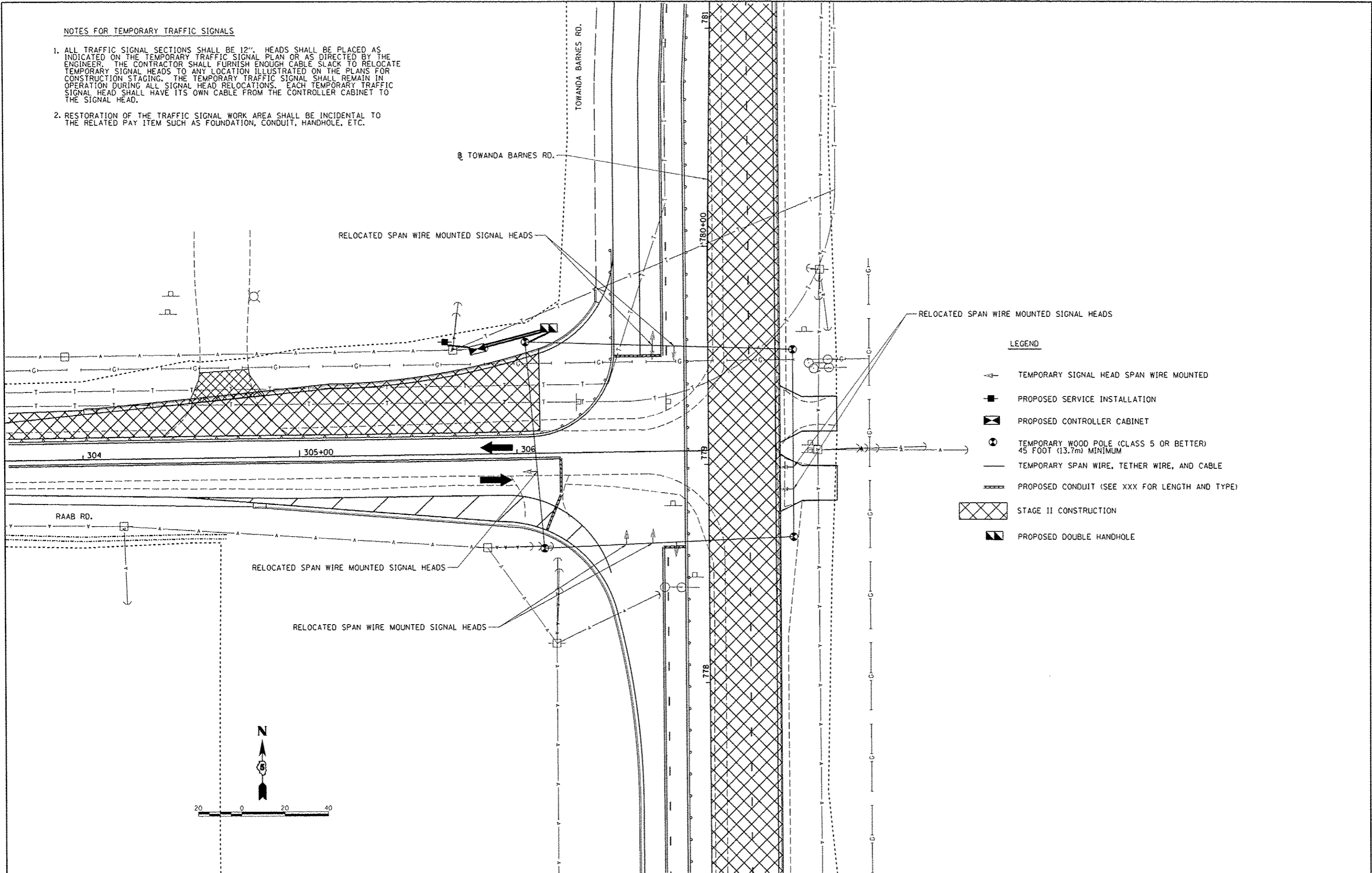
**TOWANDA BARNES RD. & RAAB RD.
TEMPORARY CABLE PLAN, STAGE 1**

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

| | | | | |
|---------------------|---------------------------|---------------------------|---------------------|-----------------|
| F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY MCLEAN | TOTAL SHEETS 162 | SHEET NO. 90 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | CONTRACT NO. 91400 | |
| | | M-5227(049) | | |

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL TRAFFIC SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE TEMPORARY SIGNAL HEADS TO ANY LOCATION ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
2. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC.



LEGEND

- TEMPORARY SIGNAL HEAD SPAN WIRE MOUNTED
- PROPOSED SERVICE INSTALLATION
- PROPOSED CONTROLLER CABINET
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- PROPOSED CONDUIT (SEE XXX FOR LENGTH AND TYPE)
- STAGE II CONSTRUCTION
- PROPOSED DOUBLE HANDHOLE

| | | | |
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| <i>I:\07_jobs\07L0042\CADD\Road\Sheet\c-102.mpsig.dgn</i> | | DRAWN - EMS | REVISED - |
| | PLOT SCALE * 40.0000' / 1" = | CHECKED - KNB | REVISED - |
| | PLOT DATE * 8/7/2014 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

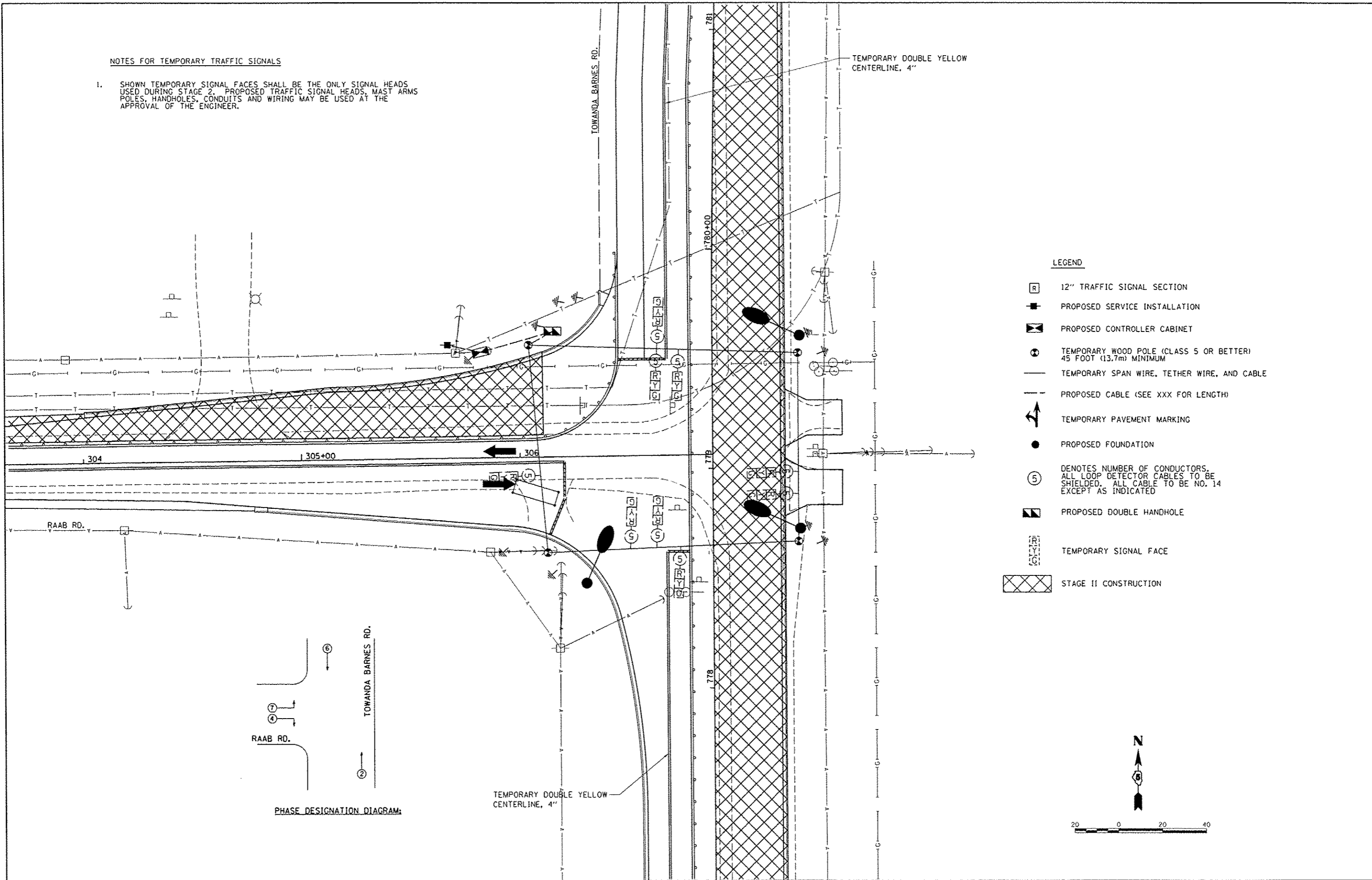
TOWANDA BARNES RD. & RAAB RD.
TEMPORARY SIGNAL PLAN, STAGE 2

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

| | | | | |
|---------------------|----------------|--------|---------------------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | McLEAN | 162 | 91 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT M-5227(049) | |
| | | | CONTRACT NO. 91400 | |

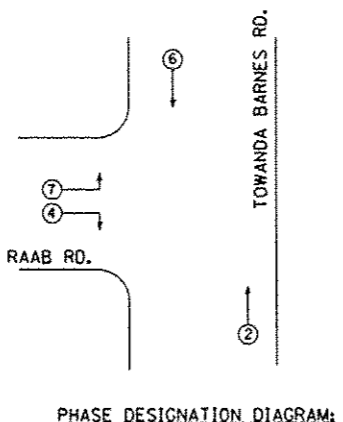
NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. SHOWN TEMPORARY SIGNAL FACES SHALL BE THE ONLY SIGNAL HEADS USED DURING STAGE 2. PROPOSED TRAFFIC SIGNAL HEADS, MAST ARMS, POLES, HANDHOLES, CONDUITS AND WIRING MAY BE USED AT THE APPROVAL OF THE ENGINEER.



LEGEND

- 12" TRAFFIC SIGNAL SECTION
- PROPOSED SERVICE INSTALLATION
- PROPOSED CONTROLLER CABINET
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- PROPOSED CABLE (SEE XXX FOR LENGTH)
- TEMPORARY PAVEMENT MARKING
- PROPOSED FOUNDATION
- DENOTES NUMBER OF CONDUCTORS. ALL LOOP DETECTOR CABLES TO BE SHIELDED. ALL CABLE TO BE NO. 14 EXCEPT AS INDICATED
- PROPOSED DOUBLE HANDHOLE
- TEMPORARY SIGNAL FACE
- STAGE II CONSTRUCTION



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| | | CHECKED - KNB | REVISED - |
| | | DATE - | REVISED - |
| | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOWANDA BARNES RD. & RAAB RD.
TEMPORARY CABLE PLAN, STAGE 2**

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

| | | | | |
|---------------------|----------------|--------|---------------------------------------|-----------|
| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | MCLEAN | 162 | 92 |
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| CONTRACT NO. | | | 91400 | |

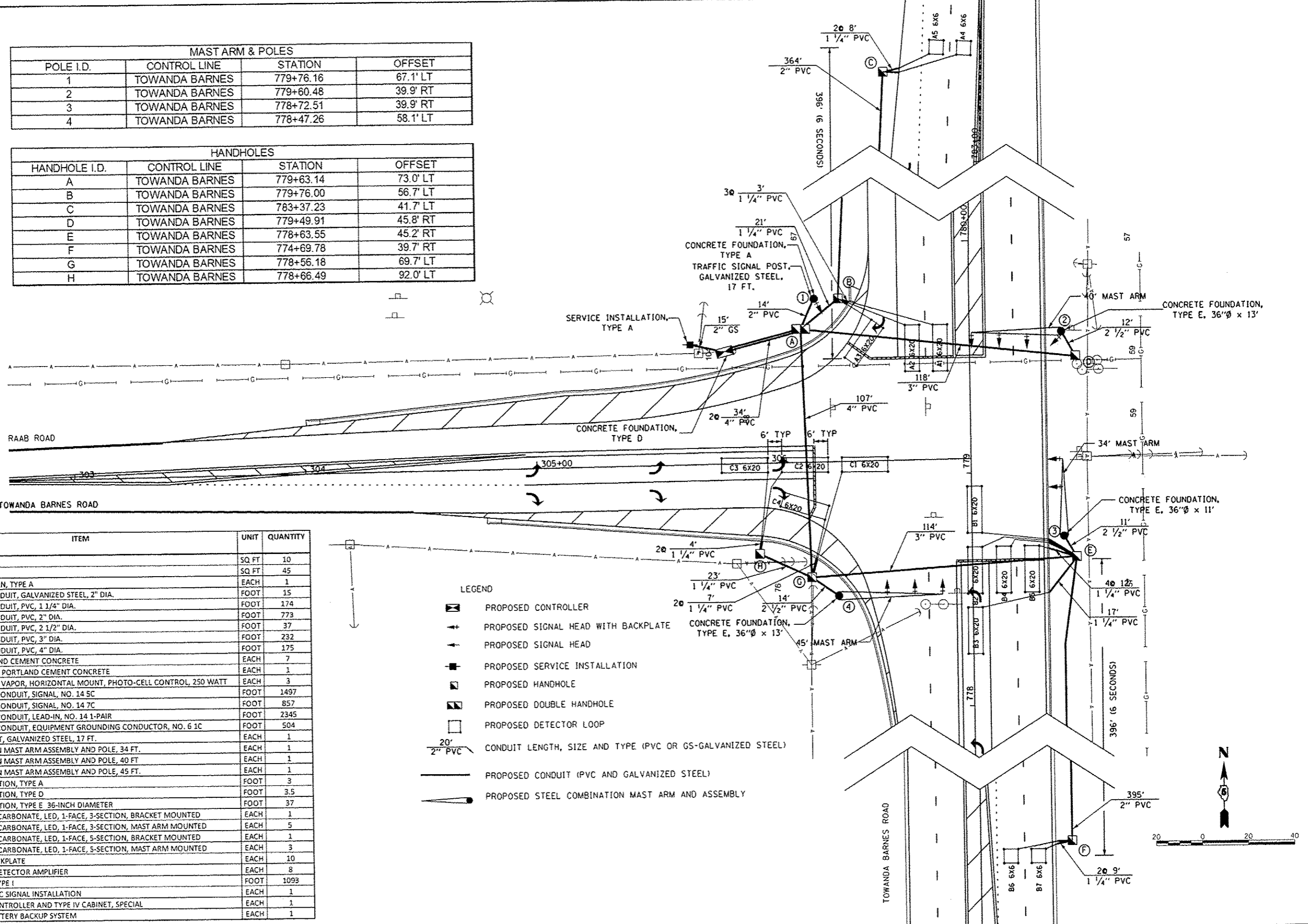
| MAST ARM & POLES | | | |
|------------------|----------------|-----------|----------|
| POLE I.D. | CONTROL LINE | STATION | OFFSET |
| 1 | TOWANDA BARNES | 779+76.16 | 67.1' LT |
| 2 | TOWANDA BARNES | 779+60.48 | 39.9' RT |
| 3 | TOWANDA BARNES | 778+72.51 | 39.9' RT |
| 4 | TOWANDA BARNES | 778+47.26 | 58.1' LT |

| HANDHOLES | | | |
|---------------|----------------|-----------|----------|
| HANDHOLE I.D. | CONTROL LINE | STATION | OFFSET |
| A | TOWANDA BARNES | 779+63.14 | 73.0' LT |
| B | TOWANDA BARNES | 779+76.00 | 56.7' LT |
| C | TOWANDA BARNES | 783+37.23 | 41.7' LT |
| D | TOWANDA BARNES | 779+49.91 | 45.8' RT |
| E | TOWANDA BARNES | 778+63.55 | 45.2' RT |
| F | TOWANDA BARNES | 774+69.78 | 39.7' RT |
| G | TOWANDA BARNES | 778+56.18 | 69.7' LT |
| H | TOWANDA BARNES | 778+66.49 | 92.0' LT |

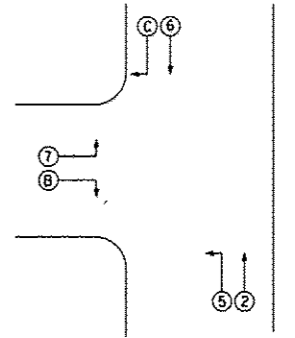
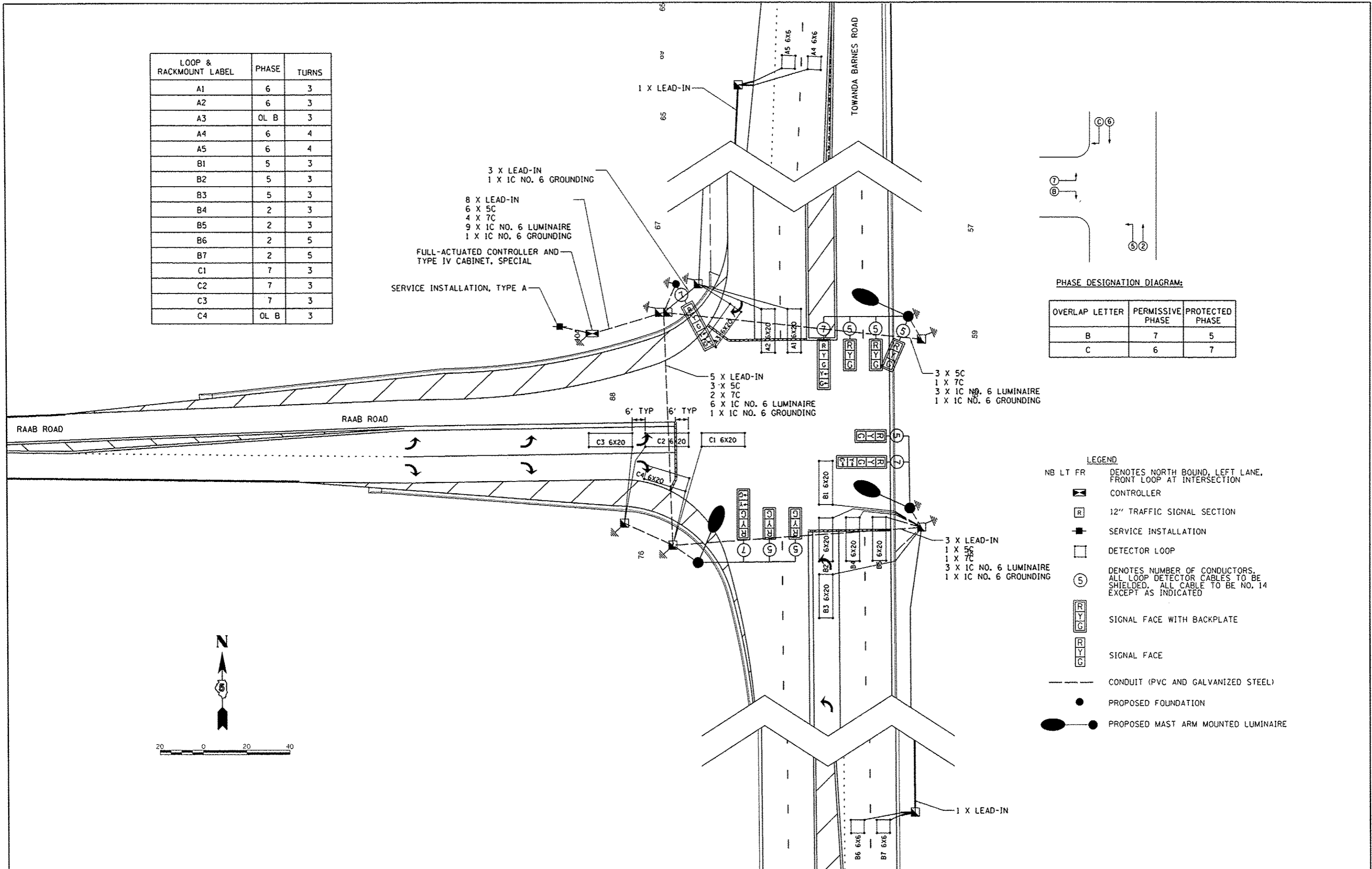
TRAFFIC SIGNAL QUANTITIES
LOCATION: RAAB ROAD AND TOWANDA BARNES ROAD

| ITEM NUMBER | ITEM | UNIT | QUANTITY |
|-------------|---|-------|----------|
| 72000100 | SIGN PANEL TYPE I | SQ FT | 10 |
| 72000200 | SIGN PANEL TYPE II | SQ FT | 45 |
| 80500100 | SERVICE INSTALLATION, TYPE A | EACH | 1 |
| 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 15 |
| 81028330 | UNDERGROUND CONDUIT, PVC, 1 1/4" DIA. | FOOT | 174 |
| 81028350 | UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 773 |
| 81028360 | UNDERGROUND CONDUIT, PVC, 2 1/2" DIA. | FOOT | 37 |
| 81028370 | UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 232 |
| 81028390 | UNDERGROUND CONDUIT, PVC, 4" DIA. | FOOT | 175 |
| 81400700 | HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 7 |
| 81400720 | DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 1 |
| 82103250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT | EACH | 3 |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C | FOOT | 1497 |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C | FOOT | 857 |
| 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1-PAIR | FOOT | 2345 |
| 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 504 |
| 87502510 | TRAFFIC SIGNAL POST, GALVANIZED STEEL, 17 FT. | EACH | 1 |
| 87702900 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 34 FT. | EACH | 1 |
| 87702930 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT. | EACH | 1 |
| 87702955 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 45 FT. | EACH | 1 |
| 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 3 |
| 87800200 | CONCRETE FOUNDATION, TYPE D | FOOT | 3.5 |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 37 |
| 88040070 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1 |
| 88040090 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 5 |
| 88040150 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 1 |
| 88040160 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 3 |
| 88200100 | TRAFFIC SIGNAL BACKPLATE | EACH | 10 |
| 88500500 | INDUCTION LOOP DETECTOR AMPLIFIER | EACH | 8 |
| 88600100 | DETECTOR LOOP, TYPE I | FOOT | 1093 |
| 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| X8570226 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| Z0033068 | TRAFFIC SIGNAL BATTERY BACKUP SYSTEM | EACH | 1 |

- LEGEND
- PROPOSED CONTROLLER
 - PROPOSED SIGNAL HEAD WITH BACKPLATE
 - PROPOSED SIGNAL HEAD
 - PROPOSED SERVICE INSTALLATION
 - PROPOSED HANDHOLE
 - PROPOSED DOUBLE HANDHOLE
 - PROPOSED DETECTOR LOOP
 - CONDUIT LENGTH, SIZE AND TYPE (PVC OR GS-GALVANIZED STEEL)
 - PROPOSED CONDUIT (PVC AND GALVANIZED STEEL)
 - PROPOSED STEEL COMBINATION MAST ARM AND ASSEMBLY



| LOOP & RACKMOUNT LABEL | PHASE | TURNS |
|------------------------|-------|-------|
| A1 | 6 | 3 |
| A2 | 6 | 3 |
| A3 | OL B | 3 |
| A4 | 6 | 4 |
| A5 | 6 | 4 |
| B1 | 5 | 3 |
| B2 | 5 | 3 |
| B3 | 5 | 3 |
| B4 | 2 | 3 |
| B5 | 2 | 3 |
| B6 | 2 | 5 |
| B7 | 2 | 5 |
| C1 | 7 | 3 |
| C2 | 7 | 3 |
| C3 | 7 | 3 |
| C4 | OL B | 3 |



PHASE DESIGNATION DIAGRAM:

| OVERLAP LETTER | PERMISSIVE PHASE | PROTECTED PHASE |
|----------------|------------------|-----------------|
| B | 7 | 5 |
| C | 6 | 7 |

- LEGEND**
- NB LT FR DENOTES NORTH BOUND, LEFT LANE, FRONT LOOP AT INTERSECTION
 - [CONTROLLER SYMBOL] CONTROLLER
 - [TRAFFIC SIGNAL SECTION SYMBOL] 12" TRAFFIC SIGNAL SECTION
 - [SERVICE INSTALLATION SYMBOL] SERVICE INSTALLATION
 - [DETECTOR LOOP SYMBOL] DETECTOR LOOP
 - (5) DENOTES NUMBER OF CONDUCTORS. ALL LOOP DETECTOR CABLES TO BE SHIELDED. ALL CABLE TO BE NO. 14 EXCEPT AS INDICATED
 - [RYG SYMBOL] SIGNAL FACE WITH BACKPLATE
 - [RYG SYMBOL] SIGNAL FACE
 - CONDUIT (PVC AND GALVANIZED STEEL)
 - PROPOSED FOUNDATION
 - PROPOSED MAST ARM MOUNTED LUMINAIRE

| | | | |
|---|-----------------------|----------------|-----------|
| FILE NAME = I:\07jobs\07L0042\CADD\Road\Sheet\c-101.cable.dgn | USER NAME = andr00846 | DESIGNED - EMS | REVISED - |
| | | DRAWN - EMS | REVISED - |
| | | CHECKED - KNB | REVISED - |
| | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOWANDA BARNES RD. & RAAB RD.
CABLE PLAN**

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

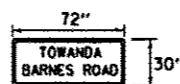
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|---------------------|------------------------|---------------------------------------|------------------|--------------------|
| F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 94 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT M-5227(049) | | CONTRACT NO. 91400 |



R 10-12
24"X30"

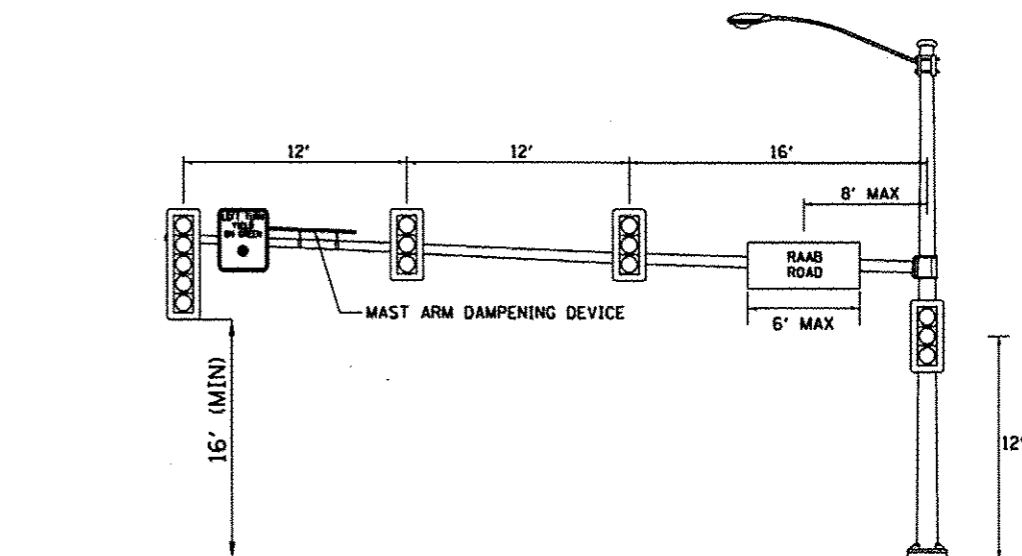
SIGN PANEL TYPE I

0.8" BORDER
2 REQUIRED OF R10-12 = 10.0 SQ FT
ONLY HIGH INTENSITY SHEETING
SHALL BE USED

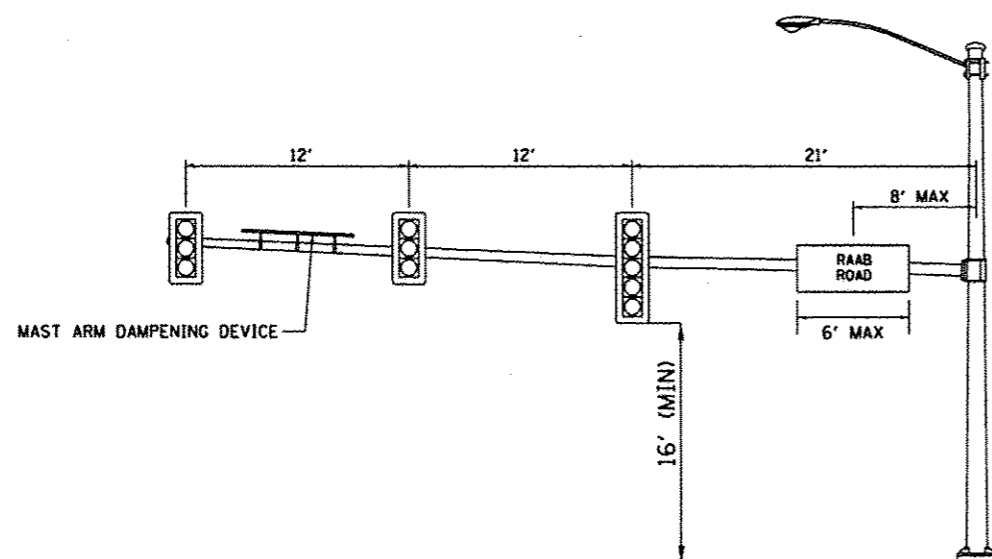


SIGN PANEL TYPE II

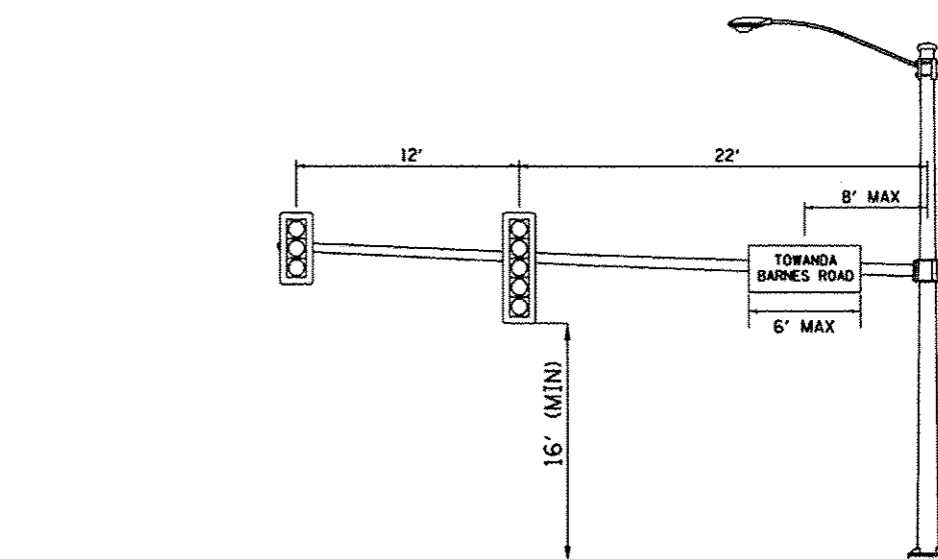
0.8" BORDER
1 REQUIRED OF TOWANDA BARNES ROAD = 15.0 SQ FT
2 REQUIRED OF RAAB ROAD = 30.0 SQ FT
TOTAL REQUIRED = 45.0 SQ FT
8" SERIES D LETTERS
MAST ARM MOUNTED
ONLY HIGH INTENSITY SHEETING SHALL BE USED



**RAAB RD. AND TOWANDA BARNES RD.
NORTHEAST QUADRANT (NORTHBOUND)**



**RAAB RD. AND TOWANDA BARNES RD.
SOUTHWEST QUADRANT (SOUTHBOUND)**



**RAAB RD. AND TOWANDA BARNES RD.
SOUTHEAST QUADRANT (EASTBOUND)**

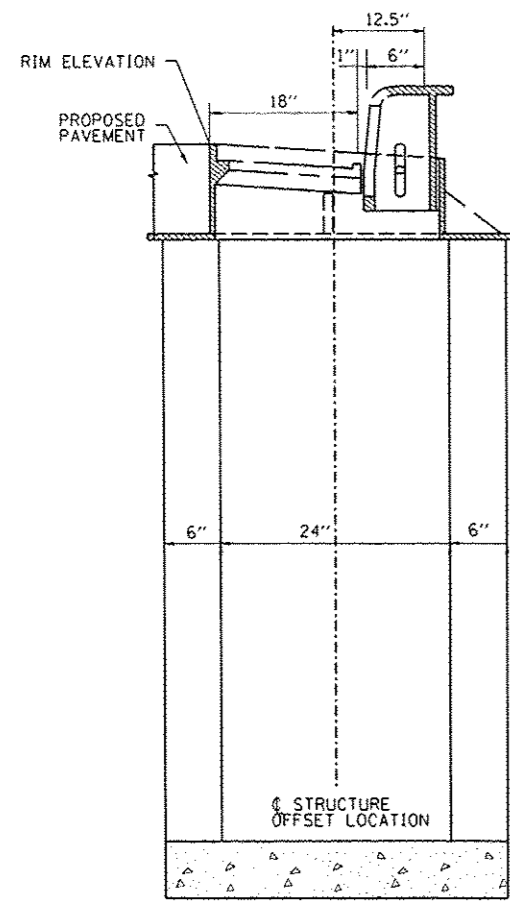
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| | PLDT DATE + 8/11/2014 | DATE - 6/27/14 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

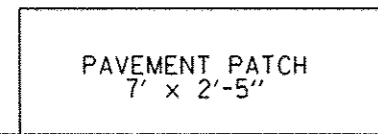
**TOWANDA BARNES RD. & RAAB RD.
MAST ARM ASSEMBLY DETAIL**

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------------|-----------|
| 6431 | 07-00113-04-PP | McLEAN | 162 | 95 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 91400 | |
| | | | M-5227(049) | |



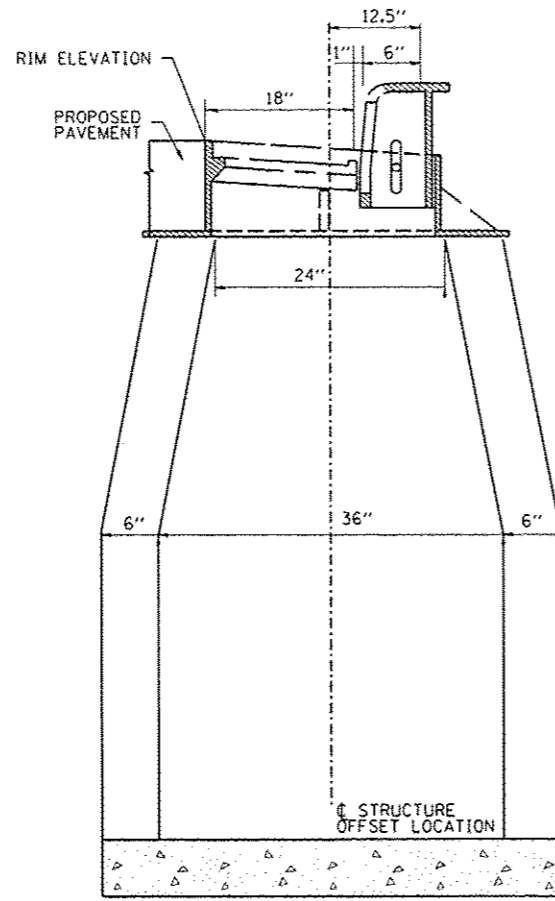
INLET, TYPE A
RIM ELEVATION LOCATION
STRUCTURE OFFSET LOCATION



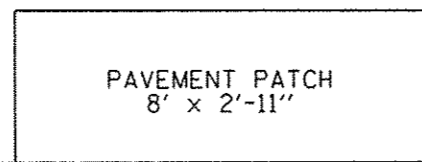
PAVEMENT PATCH
7' x 2'-5"

PROPOSED B6.18 CC&G

INLET, TYPE A
PATCH OVER PROPOSED PAVEMENT
PATCH ASSUMED TO EXTEND 2' PAST GEOMETRICS
OF INLET STRUCTURE IN ALL DIRECTIONS



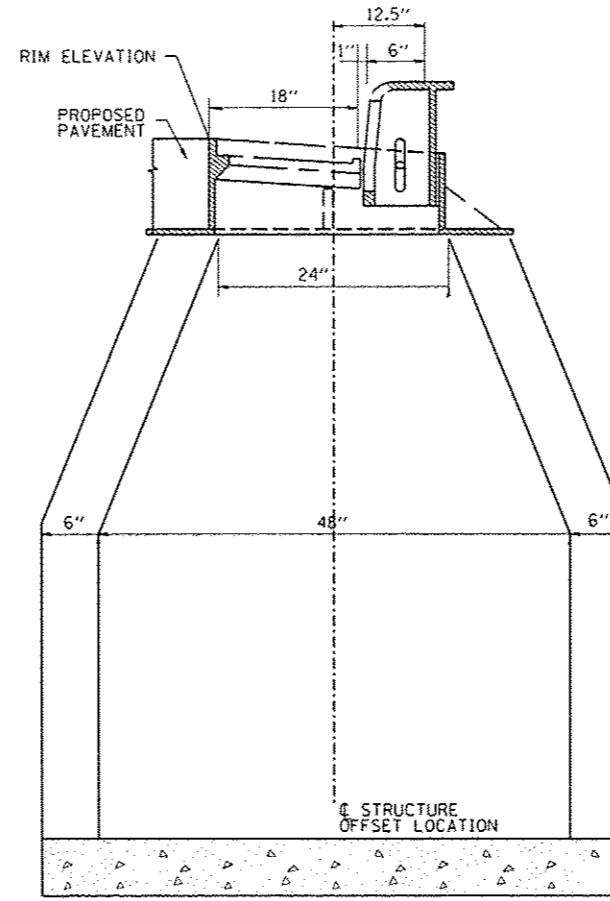
INLET, TYPE B
RIM ELEVATION LOCATION
STRUCTURE OFFSET LOCATION



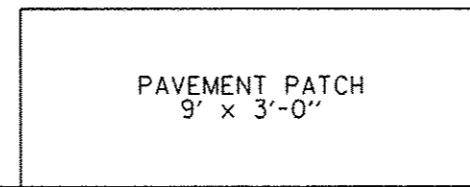
PAVEMENT PATCH
8' x 2'-11"

PROPOSED B6.18 CC&G

INLET, TYPE B
PATCH OVER PROPOSED PAVEMENT
PATCH ASSUMED TO EXTEND 2' PAST GEOMETRICS
OF INLET STRUCTURE IN ALL DIRECTIONS



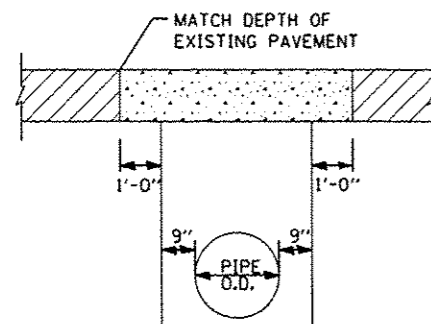
MANHOLE, TYPE A
RIM ELEVATION LOCATION
STRUCTURE OFFSET LOCATION



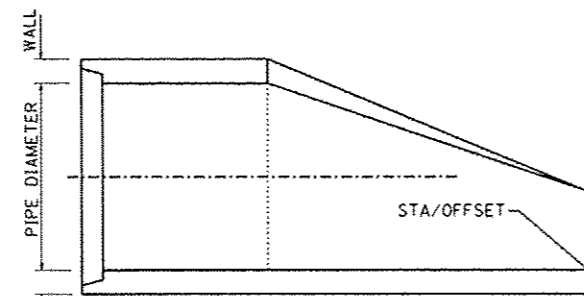
PAVEMENT PATCH
9' x 3'-0"

PROPOSED B6.18 CC&G

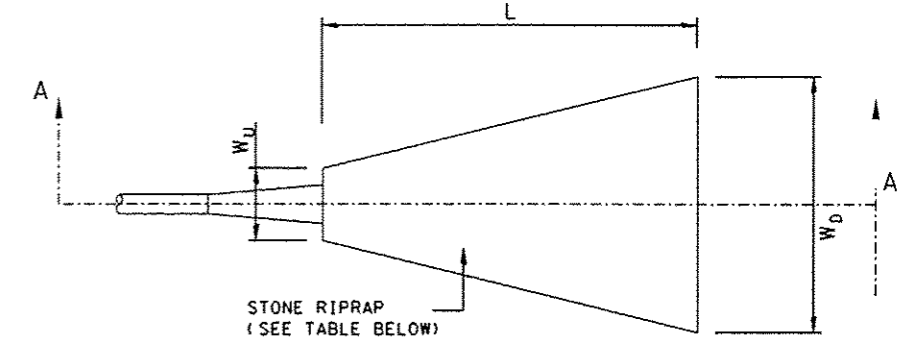
MANHOLE, TYPE A
PATCH OVER PROPOSED PAVEMENT
PATCH ASSUMED TO EXTEND 2' PAST GEOMETRICS
OF INLET STRUCTURE IN ALL DIRECTIONS



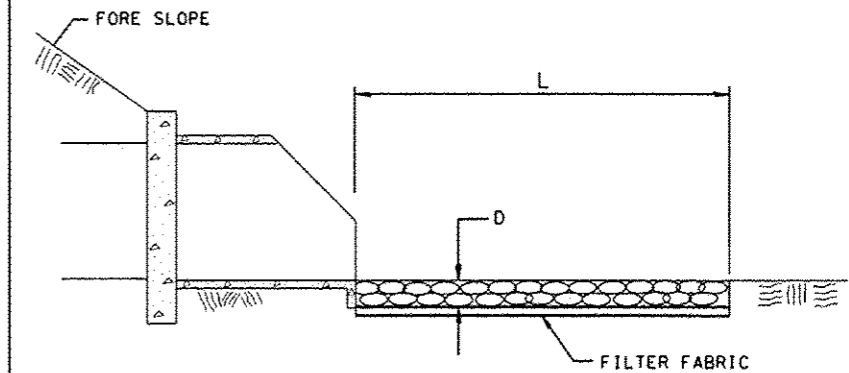
PAVEMENT PATCH FOR STORM SEWERS



PRECAST REINFORCED END SECTION DETAIL
RIM ELEVATION/STRUCTURE OFFSET LOCATION



PLAN VIEW



SECTION A-A

| LOCATION STA LT/RT | WIDTH (US) W _u (FEET) | WIDTH (DS) W _d (FEET) | LENGTH L (FEET) | DEPTH D (INCHES) | STONE RIPRAP | | FILTER FABRIC (SQ YD) |
|-----------------------|--|--|-----------------------|------------------------|---------------------|---------------------|-----------------------------|
| | | | | | CLASS A3 (SQ YD) | CLASS A4 (SQ YD) | |
| 745+25.00 RT | 6' | 18' | 16' | 15" | 21 | | 21 |
| 744+80.00 LT | 20' | 20' | 24' | 20" | | 58 | 58 |
| 776+25.00 LT | 6' | 22' | 16' | 15" | 25 | | 25 |
| 778+00.00 LT | 9' | 19' | 10' | 15" | 16 | | 16 |
| 305+00.00 RT | 4.5' | 18.5' | 14' | 15" | 18 | | 18 |
| TOTAL | | | | | 80 | 58 | 138 |

RIP RAP OUTLET DETAIL

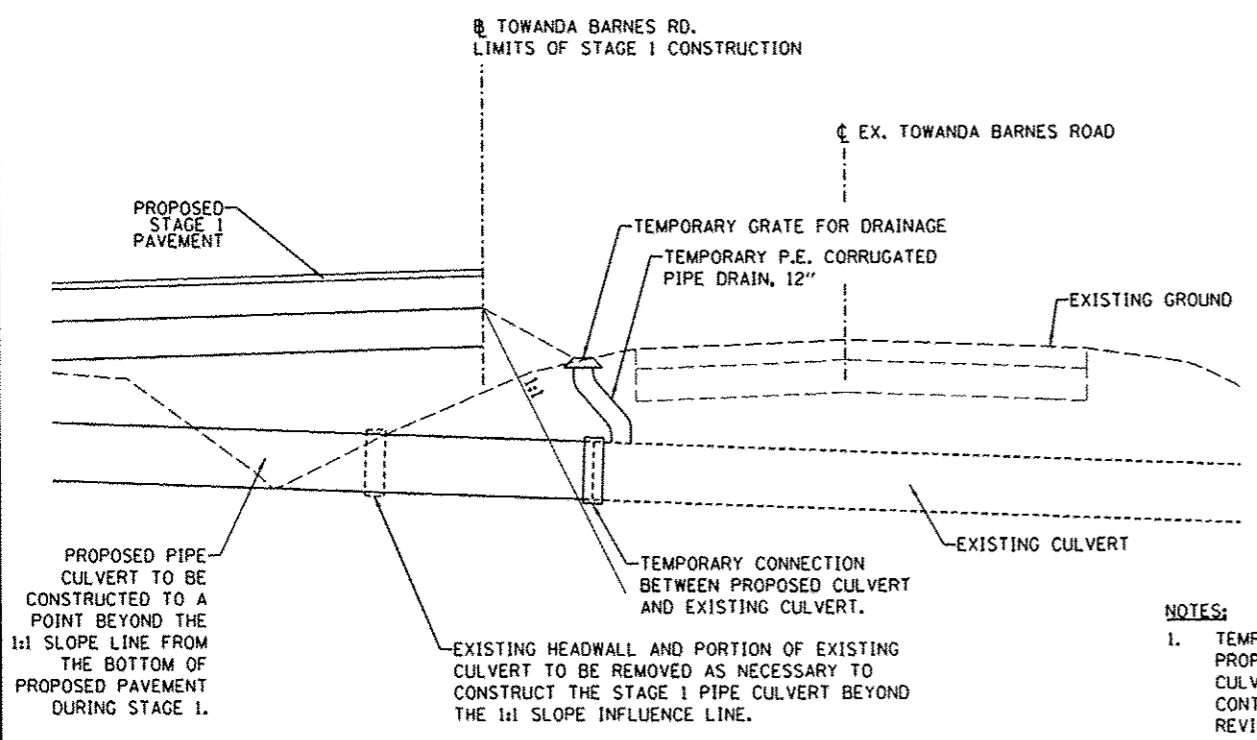
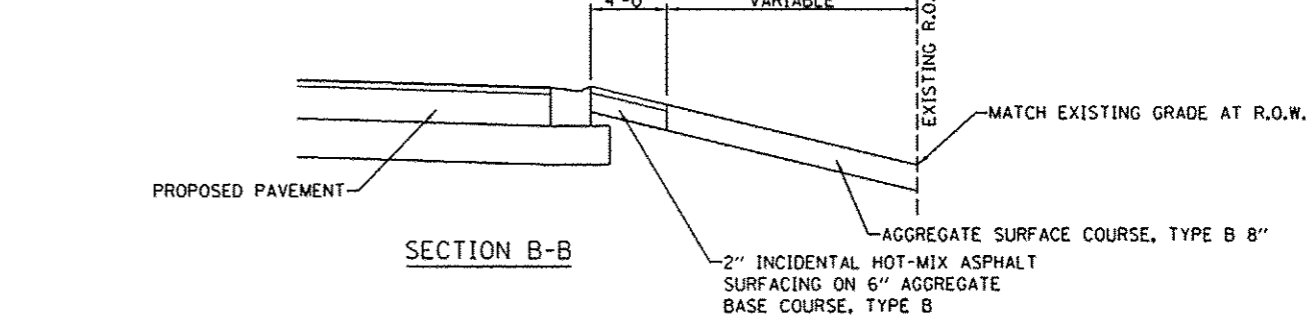
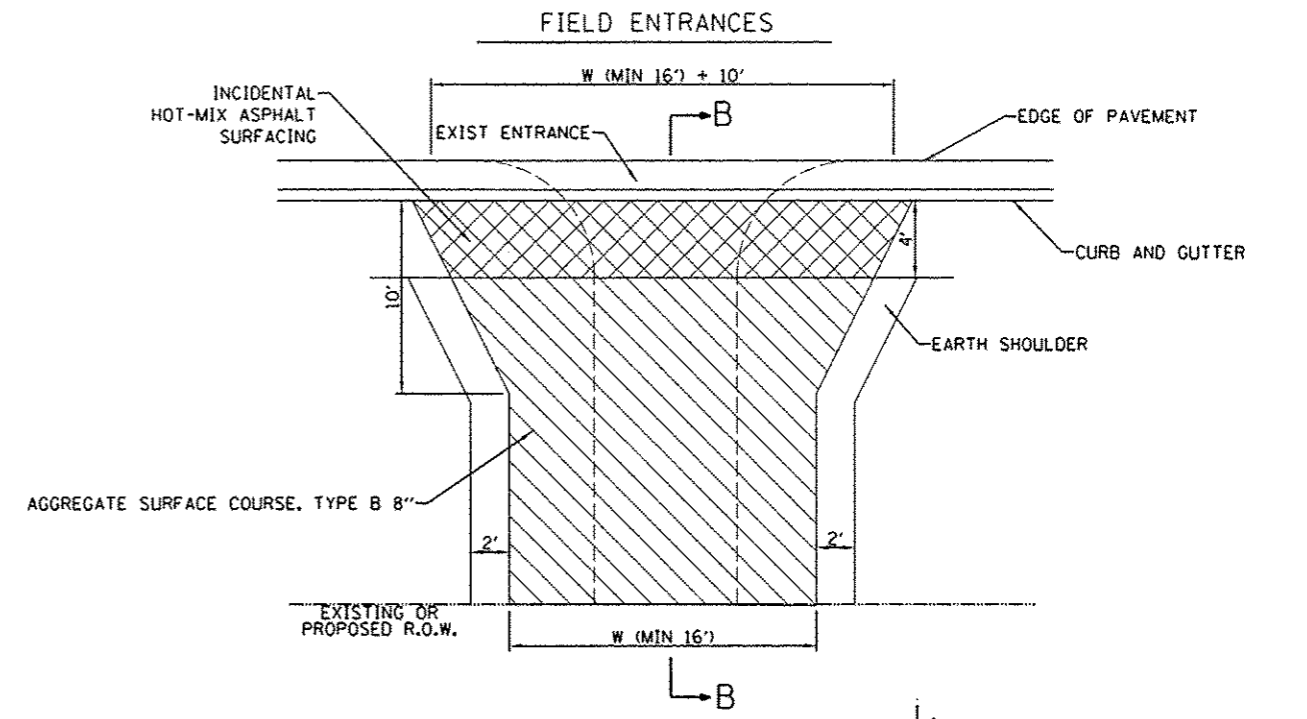
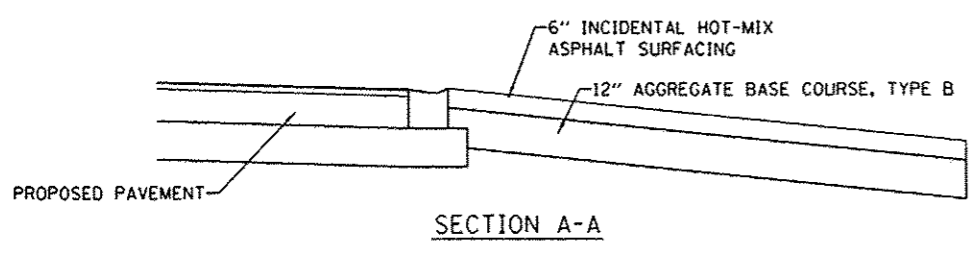
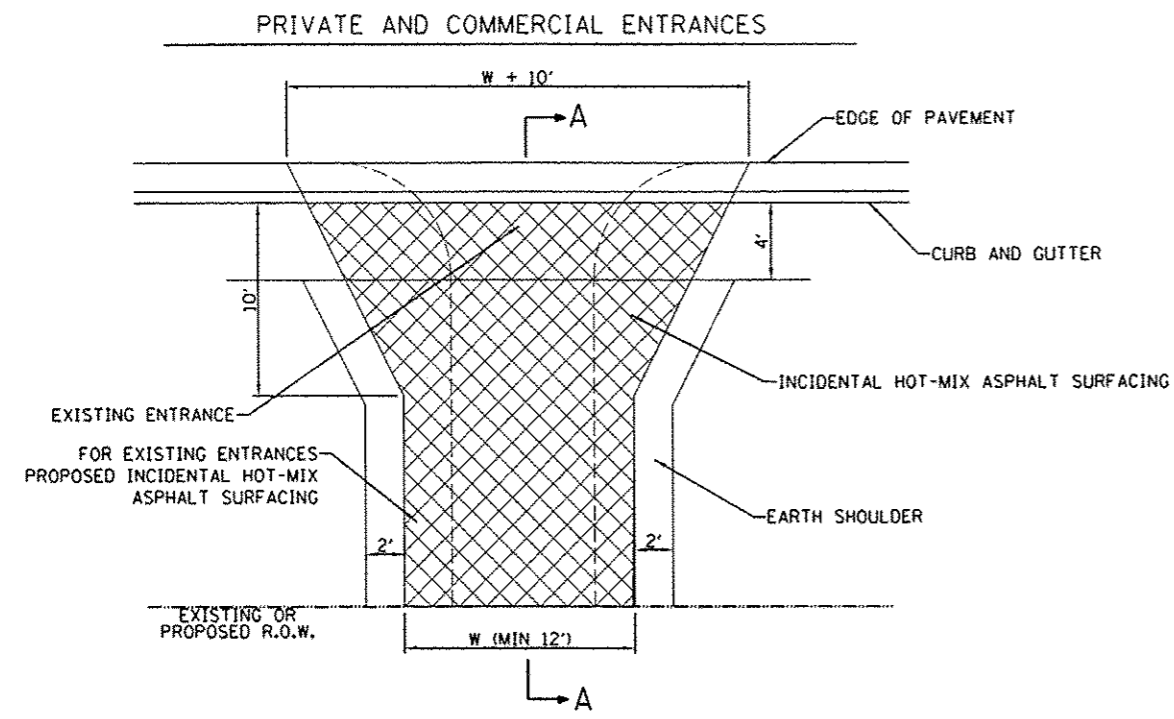
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| PLOT SCALE * 10.0000 / 1 in. | CHECKED * CAL | DATE * 6/27/14 | REVISED * - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND RIP RAP DETAILS

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

| | | | | |
|---|---------------------------|------------------|---------------------|-----------------|
| F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 96 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5227(049) | | | CONTRACT NO. 91400 | |



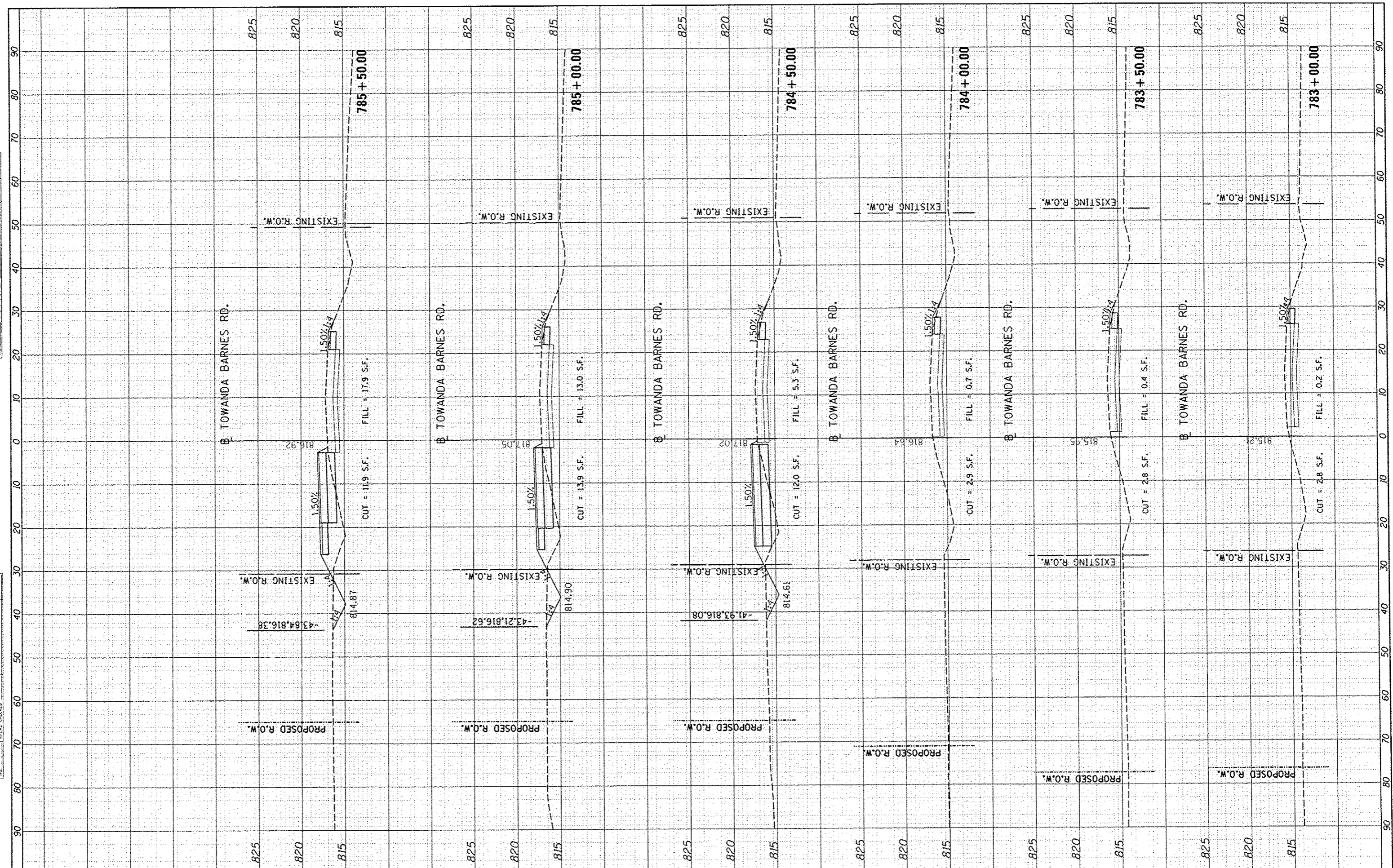
- NOTES:**
1. TEMPORARY CONNECTION BETWEEN PROPOSED CULVERT AND EXISTING CULVERT TO BE DESIGNED BY THE CONTRACTOR AND SUBMITTED FOR REVIEW AND APPROVAL BY THE ENGINEER.
 2. TEMPORARY DRAINAGE CONNECTION FOR 12" P.E. PIPING AND TEMPORARY GRATING TO BE DESIGNED BY THE CONTRACTOR AND SUBMITTED FOR REVIEW AND APPROVAL BY THE ENGINEER.

TEMPORARY DRAINAGE CONNECTION DETAIL

| | | | | | | | | | | | |
|---|----------------|-------------|-----------|---|--|--|----------------|--------|--------------|-----------|--|
| FILE NAME * | USER NAME * | DESIGNED * | REVISED * | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TEMPORARY DRAINAGE AND ENTRANCE DETAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| I:\07jobs\07L0042\CADD\Road\Sheet\c-501.dwg | ander00046 | DRAWN - RLA | REVISED - | | | 6431 | 07-00113-04-FP | McLEAN | 162 | 97 | |
| PLOT SCALE * 10.0000 / in. | CHECKED - CAL | REVISED - | REVISED - | | | CONTRACT NO. 91400 | | | | | |
| PLOT DATE * 6/7/2014 | DATE - 6/27/14 | REVISED - | REVISED - | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT #-52270491 | | | | | |
| SCALE: N.T.S. | | | | | SHEET NO. OF SHEETS | | STA. TO STA. | | | | |

| | |
|---------------|------|
| FINA | DATE |
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |

| | |
|---------------|------|
| ORIGINA | DATE |
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |



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 PLOT SCALE = 20.0000 / in.
 PLOT DATE : 07/7/2014

DESIGNED -
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 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

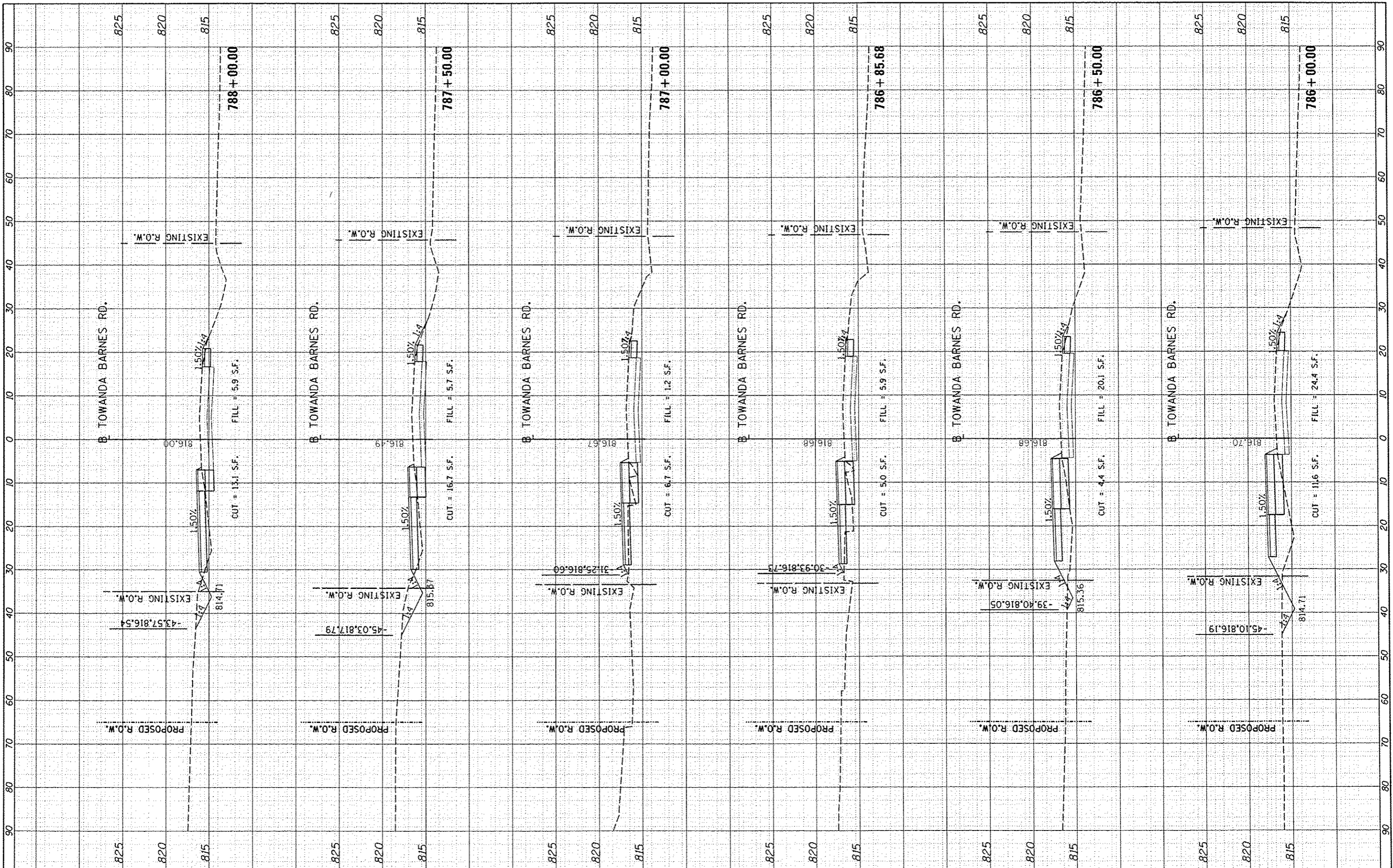
**CROSS SECTIONS - TEMPORARY PAVEMENT
 TOWANDA BARNES RD.**

SCALE: SHEET NO. OF SHEETS STA. 783+00.00 TO STA. 785+50.00

| | | | | |
|--------------------|------------------------|---------------|---------------------------|--------------|
| F.A.U. RTE. 6431 | SECTION 07-00113-04-FP | COUNTY McLEAN | TOTAL SHEETS 162 | SHEET NO. 99 |
| CONTRACT NO. 91400 | | | ILLINOIS FED. AID PROJECT | |

| | | | |
|-----------|----------|----|------|
| FINI | SURVEYED | BY | DATE |
| SURVEY | PLOTTED | | |
| NOTE BOOK | AREA | | |
| | CHECKED | | |
| | | | |

| | | | |
|-----------|----------|----|------|
| DESIGN | SURVEYED | BY | DATE |
| SURVEY | PLOTTED | | |
| NOTE BOOK | AREA | | |
| | CHECKED | | |
| | | | |



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USER NAME = andr00946
 PLOT SCALE = 20,0000' / in.
 PLOT DATE = 8/7/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - TEMPORARY PAVEMENT
 TOWANDA BARNES RD.

SCALE: SHEET NO. OF SHEETS STA. 786+00.00 TO STA. 788+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6431 | 07-00113-04-FP | McLEAN | 162 | 100 |
| CONTRACT NO. | | | 91400 | |
| ILLINOIS FED. AID PROJECT | | | | |