

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|-----------------------|------------|----------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 1 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | CONTRACT NO. 62A80 | |

* 223 + 5 = 228 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

1,770(40) OTHER PRINCIPLE ARTERIAL 11.21 (PCC-20)

TRAFFIC DATA

| IL ROUTE 47 | ADT | SPEED |
|-------------|---------------|---------------|
| | 2011/2040 | DESIGN/POSTED |
| | 15,200/21,000 | 60/55 |

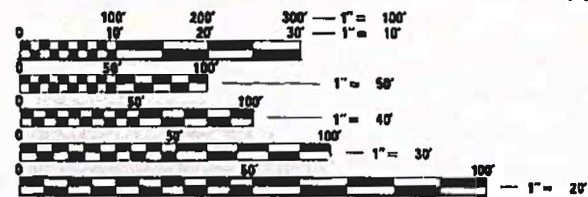
PROPOSED HIGHWAY PLANS

FAP ROUTE 326 (ILLINOIS ROUTE 47)
SECTION: (105XB)B-R
FEDERAL PROJECT NO: NHPP-4WP9(637)
AT KISHWAUKEE RIVER
BRIDGE REPLACEMENT
MCHENRY COUNTY

C-91-321-15



PROJECT LOCATED IN THE
VILLAGE OF LAKEWOOD, GRAFTON
TOWNSHIP AND UNINCORPORATED
MCHENRY COUNTY

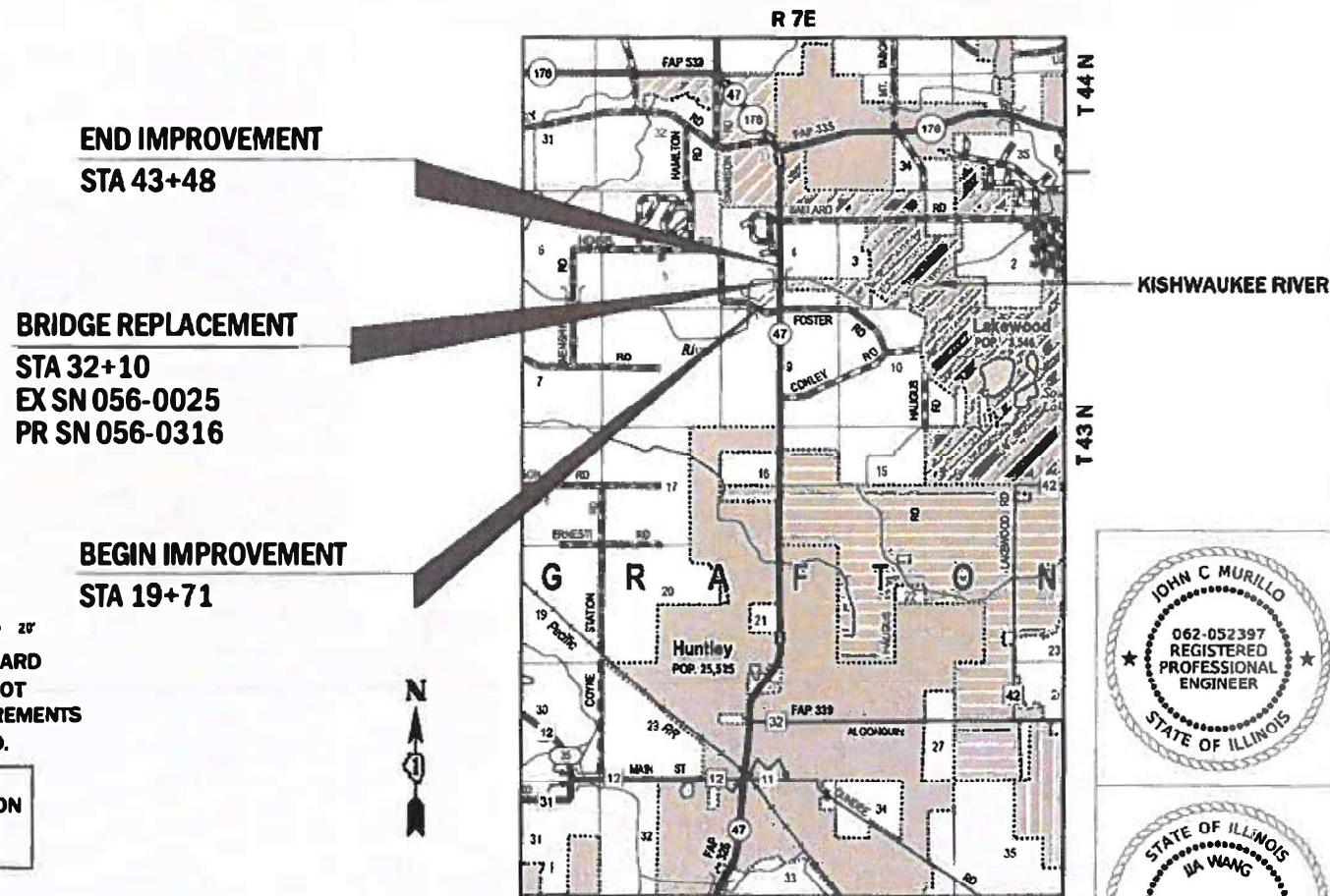


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT 1 - DESIGN
PROJECT ENGINEER: FIRAS UDDIN (847)-705-4552
PROJECT MANAGER: MATTHEW ROTHENBERG (847)-705-4230

CONTRACT NO.: 62A80



GRAFTON TOWNSHIP
GROSS LENGTH = 2377 FEET = 0.45 MILES
NET LENGTH = 2377 FEET = 0.45 MILES
NOT TO SCALE

Plans Prepared By:

KNIGHT
Engineers & Architects

221 North LaSalle Street
Suite 300
Chicago, IL 60601-1211
Phone: (312) 577-3300

KNIGHT E/A, INC
DATE: 7/31/2020
JOHN C MURILLO
EXPIRES: 11-30-21
SHEET NO: 1-106, 131-223

KNIGHT E/A, INC
DATE: 7/31/2020
JIA WAN
EXPIRES: 11-30-20
SHEET NO: 107-130

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 7, 2020
Cristy J. Dwyer, Regional Engineer
October 2, 2020
Joaquin Gutierrez, Director of Highways Project Implementation
October 2, 2020

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS


INDEX OF SHEETS

| | |
|-----------|---|
| 1 | TITLE SHEET |
| 2 | INDEX OF SHEETS AND HIGHWAY STANDARDS |
| 3 | GENERAL NOTES AND COMMITMENTS |
| 4 - 15 | SUMMARY OF QUANTITIES |
| 16 - 20 | TYPICAL SECTIONS |
| 21 - 27 | SCHEDULE OF QUANTITIES |
| 28 - 30 | ALIGNMENT, TIES AND BENCHMARKS |
| 31 - 32 | EXISTING CONDITIONS AND UTILITIES |
| 33 - 34 | ROADWAY REMOVAL PLANS |
| 35 - 36 | ROADWAY PLAN AND PROFILE SHEETS |
| 37 | STA 43+18 FIELD ENTRANCE PLAN AND PROFILE SHEET |
| 38 - 39 | CONTRACTOR DESIGNED WICK DRAIN PLAN |
| 40 | DETOUR PLAN FOR HAWTHORNE WAY & IL 47 NB |
| 41 | WIDTH RESTRICTION SIGNING |
| 42 - 47 | SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL TYPICAL SECTIONS |
| 48 - 67 | MAINTENANCE OF TRAFFIC |
| 68 - 90 | EROSION CONTROL PLANS |
| 91 - 93 | PROPOSED DRAINAGE SHEETS |
| 94 - 97 | DRAINAGE DETAILS |
| 98 - 101 | PAVEMENT MARKING AND SIGNING PLANS |
| 102 - 106 | LANDSCAPE PLANS |
| 107 - 130 | STRUCTURAL PLANS |
| 130A-130E | EXISTING BRIDGE PLANS - IL 47 OVER KISHWAUKEE RIVER SN 056-025 |
| 131 | EXISTING FIELD TILE SYSTEM |
| 132 - 142 | MIDWEST FIBER NETWORKS AS BUILT PLANS |
| 143 - 147 | SUBSURFACE UTILITY ENGINEERING |
| 148 - 152 | PLAT OF HIGHWAYS |
| 153 | DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER \geq 15' (4.5 m) (BD-01) |
| 154 | DETAIL FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL (BD 34) |
| 155 | BENCHING DETAIL FOR EMBANKMENT WIDENING (BD-51) |
| 156 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10) |
| 157 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11) |
| 158 | DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13) |
| 159 | ARTERIAL ROAD INFORMATION SIGN (TC-22) |
| 160 | DRIVEWAY ENTRANCE SIGNING (TC-26) |
| 161 - 189 | CROSS SECTIONS - PRESTAGE & STAGE 1 |
| 190 - 222 | CROSS SECTIONS - STAGES 2 - 5 |
| 223 | CROSS SECTIONS STA. 42+97 FIELD ENTRANCE |

HIGHWAY STANDARDS

| STANDARD NO. | DESCRIPTION |
|--------------|--|
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 420406 | PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB |
| 482001-02 | HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT |
| 515001-04 | NAME PLATE FOR BRIDGES |
| 542001-06 | CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 84" (2100 mm) DIAMETER |
| 601001-05 | PIPE UNDERDRAINS |
| 601101-02 | CONCRETE HEADWALL FOR PIPE UNDERDRAINS |
| 602001-02 | CATCH BASIN, TYPE A |
| 602301-04 | INLET, TYPE A |
| 602601-06 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 604001-05 | FRAME AND LIDS, TYPE 1 |
| 604091-03 | FRAME AND GRATE, TYPE 24 |
| 606001-07 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 630001-12 | STEEL PLATE BEAM GUARDRAIL |
| 631031-16 | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| 635001-02 | DELINEATORS |
| 642001-02 | SHOULDER RUMBLE STRIPS, 16 INCH |
| 668001-01 | U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS, RESETTING METHOD |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701011-04 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701306-04 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY |
| 701326-04 | LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS \geq 45 MPH |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 704001-08 | TEMPORARY CONCRETE BARRIER |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS |
| 725001-01 | OBJECT AND TERMINAL MARKERS |
| 782006-01 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |

FILE NAME : D:\22A80-shr-gemnote-01.dgn

| | | | |
|---|-----------------------|------------------------|-----------|
|  | USER NAME = CDgreen | DESIGNED - CEO | REVISED - |
| | | DRAWN - CEO | REVISED - |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - |
| | PLOT DATE = 8/25/2020 | DATE - AUGUST 25, 2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|--|---------|-------------|--------------|
| INDEX OF SHEETS AND HIGHWAY STANDARDS ILLINOIS ROUTE 47 | | | |
| SCALE: NONE | SHEET 1 | OF 1 SHEETS | STA. TO STA. |

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 2 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS, BURIED ELECTRIC LINES, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO EXCAVATION.
3. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY OR WITHIN MCHENRY COUNTY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE COUNTY.
5. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
6. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
7. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
8. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
9. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
10. AT LEAST TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, ARTERIAL AREA FIELD ENGINEER AT WALTER.CZARNY@ILLINOIS.GOV.
11. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING:
 SIGNS SHALL NOT BE REMOVED UNTIL NECESSITATED BY THE PROGRESS OF THE WORK.
 EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
 ALL SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 ALL UNUSED SIGNS SHALL BE RETURNED TO APPROPRIATE GOVERNING BODY AS DIRECTED BY THE ENGINEER.
12. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM /WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH .
13. WHEN ARTIFICIAL LIGHTS ARE USED THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
14. THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
15. ANY AGGREGATE SUBGRADE DAMAGED BY THE CONTRACTOR VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
16. SAW CUTS (FULL DEPTH) SHALL BE REQUIRED BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN DRIVEWAYS PAVEMENT, BITUMINOUS SURFACE TO BE REMOVED AND THAT TO BE LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THE WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS.
17. 10' TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN IN THE FIELD. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM.
18. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. EXISTING DRAINAGE STRUCTURE LOCATION AND INVERTS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF THE PROPOSED DRAINAGE ITEMS.
19. INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
20. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON INLETS, MANHOLES, AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
21. THE ADJUSTMENT OF FRAMES ON ALL NEW STRUCTURES TO THE FINAL ELEVATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.
22. THE STATION, OFFSET, AND ELEVATION NOTED FOR DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. ALL OTHER DRAINAGE STRUCTURES STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE.
23. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR STRUCTURE BEING CONSTRUCTED.
24. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
25. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR
26. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
27. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
28. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
29. EXISTING SECTION CORNER MARKINGS ARE LOCATED WITHIN THE PROJECT LIMITS AND HAVE BEEN SHOWN ON THE EXISTING CONDITIONS AND REMOVAL PLANS. ANY MARKER DISTURBED BY THE CONSTRUCTION SHALL BE REESTABLISHED BY THE CONTRACTOR. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "SECTION CORNER MARKERS".

GENERAL NOTES (CON'T)

30. AN EXISTING NATIONAL GEODETIC SURVEY BENCHMARK MONUMENT IS LOCATED ON THE EXISTING BRIDGE WHICH WILL BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING THE BENCHMARK MONUMENT ON THE PROPOSED BRIDGE. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "RESETTING BENCH MONUMENT".
31. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) and USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
32. THE UTILITY LOCATIONS AND INFORMATION SHOWN ON THE EXISTING CONDITIONS AND UTILITY PLANS SUPERSEDES THE INFORMATION ON THE SUBSURFACE UTILITY ENGINEERING PLANS.
33. MIDWEST FIBER NETWORKS' AS BUILT PLANS FOR THEIR RELOCATED UNDERGROUND FIBER OPTIC LINE HAVE BEEN INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE UNDERGROUND FIBER OPTIC LINE.

COMMITMENTS

NONE

FILE NAME : D:\22A80-shr-gemnote-02.dgn

| | | | | | | | | | | | | | |
|---|-----------------------|----------------------|-----------|---|--|--|--|--|---|------------|---------|--------------|-----------|
|  | USER NAME = c11ss | DESIGNED - CEO | REVISED - | <p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> | <p align="center">GENERAL NOTES AND COMMITMENTS ILLINOIS ROUTE 47</p> | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | | | | | 326 | (105XB)B-R | MCHENRY | 223 | 3 |
| | PLOT DATE = 7/28/2020 | DATE - JULY 27, 2020 | REVISED - | | SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| | | | | | CONTRACT NO. 62A80 | | | | | | | | |

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|---|-------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 600 | 600 | | |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 136 | 136 | | |
| 20100500 | TREE REMOVAL, ACRES | ACRE | 1.25 | 1.25 | | |
| 20101000 | TEMPORARY FENCE | FOOT | 6023 | 6023 | | |
| 20101100 | TREE TRUNK PROTECTION | EACH | 62 | 62 | | |
| 20101200 | TREE ROOT PRUNING | EACH | 62 | 62 | | |
| 20101300 | TREE PRUNING (1 TO 10 INCH DIAMETER) | EACH | 54 | 54 | | |
| 20101350 | TREE PRUNING (OVER 10 INCH DIAMETER) | EACH | 8 | 8 | | |
| 20101400 | NITROGEN FERTILIZER NUTRIENT | POUND | 13 | 13 | | |
| 20101500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 13 | 13 | | |
| 20101600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 13 | 13 | | |
| 20101700 | SUPPLEMENTAL WATERING | UNIT | 14.1 | 14.1 | | |
| 20200100 | EARTH EXCAVATION | CU YD | 36980 | 36980 | | |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 2350 | 2350 | | |

FILE NAME = D:\62267-ah-500-01.dgn



| | | |
|-----------------------|----------------------|-----------|
| USER NAME = CDgren | DESIGNED - CEO | REVISED - |
| PLOT SCALE = 1:2 | DRAWN - CEO | REVISED - |
| PLOT DATE = 7/28/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 10 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------------|--------------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 4 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|--|-------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 20300100 | CHANNEL EXCAVATION | CU YD | 1040 | 1040 | | |
| 20400800 | FURNISHED EXCAVATION | CU YD | 35920 | 35920 | | |
| 20800150 | TRENCH BACKFILL | CU YD | 461 | 461 | | |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 3463 | 3463 | | |
| 21101505 | TOPSOIL EXCAVATION AND PLACEMENT | CU YD | 21390 | 21390 | | |
| * 25000210 | SEEDING, CLASS 2A | ACRE | 7.75 | 7.75 | | |
| * 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 700 | 700 | | |
| * 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 700 | 700 | | |
| * 25100115 | MULCH, METHOD 2 | ACRE | 12.75 | 12.75 | | |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | 77145 | 77145 | | |
| 25100900 | TURF REINFORCEMENT MAT | SQ YD | 568 | 568 | | |
| 28000200 | EARTH EXCAVATION FOR EROSION CONTROL | CU YD | 146 | 146 | | |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 2950 | 2950 | | |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 425 | 425 | | |

* SPECIALTY ITEM

FILE NAME = D:\62267-sh-t-500-02.dgn



| | | |
|-----------------------|----------------------|-----------|
| USER NAME = CDgren | DESIGNED - CEO | REVISED - |
| | DRAWN - CEO | REVISED - |
| PLOT SCALE = 1:2 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/28/2020 | DATE - JULY 27, 2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 10 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|-----------------|--------------|
| 326 | (105XB)B-R | MCHENRY | 223 | 5 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|--------------------------------------|-------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 28000315 | AGGREGATE DITCH CHECKS | TON | 13 | 13 | | |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 11399 | 11399 | | |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 1 | 1 | | |
| 28000510 | INLET FILTERS | EACH | 4 | 4 | | |
| 28001000 | AGGREGATE (EROSION CONTROL) | TON | 75 | 75 | | |
| 28100105 | STONE RIPRAP, CLASS A3 | SQ YD | 145 | 145 | | |
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD | 1748 | | 1748 | |
| 28100207 | STONE RIPRAP, CLASS A4 | TON | 243 | 243 | | |
| 28200200 | FILTER FABRIC | SQ YD | 1909 | 161 | 1748 | |
| 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 2030 | 2030 | | |
| 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12" | SQ YD | 12435 | 12435 | | |
| 31101200 | SUBBASE GRANULAR MATERIAL, TYPE B 4" | SQ YD | 9372 | 9372 | | |
| 35102200 | AGGREGATE BASE COURSE, TYPE B 10" | SQ YD | 957 | 957 | | |
| 40700100 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 12268 | 12268 | | |

FILE NAME = D:\2267-ht-500-03.dgn



| | | |
|-----------------------|------------------------|-----------|
| USER NAME = CDgreen | DESIGNED - CEO | REVISED - |
| | DRAWN - CEO | REVISED - |
| PLOT SCALE = 1:2 | CHECKED - JCM | REVISED - |
| PLOT DATE = 8/11/2020 | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 10 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|-----------------|--------------|
| 326 | (105XB)B-R | MCHENRY | 223 | 6 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|--|-------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 40701886 | HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4" | SQ YD | 6849 | 6849 | | |
| 42000070 | PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB | SQ YD | 172 | 172 | | |
| 42001300 | PROTECTIVE COAT | SQ YD | 94 | 94 | | |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 15960 | 15960 | | |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 169 | 169 | | |
| 44000300 | CURB REMOVAL | FOOT | 57 | 57 | | |
| 44201796 | CLASS D PATCHES, TYPE IV, 12 INCH | SQ YD | 46 | 46 | | |
| 48101620 | AGGREGATE SHOULDERS, TYPE B 10" | SQ YD | 2871 | 2871 | | |
| 48203038 | HOT-MIX ASPHALT SHOULDERS, 10 1/4" | SQ YD | 4850 | 4850 | | |
| 50100100 | REMOVAL OF EXISTING STRUCTURES | EACH | 1 | | 1 | |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 135 | 135 | | |
| 50200100 | STRUCTURE EXCAVATION | CU YD | 243 | | 243 | |
| 50200450 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES | CU YD | 594 | | 594 | |
| 50300225 | CONCRETE STRUCTURES | CU YD | 112.8 | | 112.8 | |

FILE NAME = D:\62267\shl-500-04.dgn



USER NAME = COHEN
 PLOT SCALE = 1:2
 PLOT DATE = 8/11/2020

| | | | |
|------------|-----------------|-----------|--|
| DESIGNED - | CEO | REVISED - | |
| DRAWN - | CEO | REVISED - | |
| CHECKED - | JCM | REVISED - | |
| DATE - | AUGUST 12, 2020 | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 10 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------------|--------------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 7 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|--|-------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 50300255 | CONCRETE SUPERSTRUCTURE | CU YD | 226.2 | | 226.2 | |
| 50300260 | BRIDGE DECK GROOVING | SQ YD | 715 | | 715 | |
| 50300300 | PROTECTIVE COAT | SQ YD | 1128 | | 1128 | |
| 50301350 | CONCRETE SUPERSTRUCTURE (APPROACH SLAB) | CU YD | 166.4 | | 166.4 | |
| 50401310 | FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BEAMS, IL36 | FOOT | 597 | | 597 | |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 137100 | | 137100 | |
| 50901720 | BICYCLE RAILING | FOOT | 139 | | 139 | |
| 50901750 | PARAPET RAILING | FOOT | 139 | | 139 | |
| * 51200958 | FURNISHING METAL SHELL PILES 14" X 0.250" | FOOT | 1274 | | 1274 | |
| * 51202305 | DRIVING PILES | FOOT | 1274 | | 1274 | |
| * 51203200 | TEST PILE METAL SHELLS | EACH | 2 | | 2 | |
| 51500100 | NAME PLATES | EACH | 2 | 1 | 1 | |
| 52200020 | TEMPORARY SOIL RETENTION SYSTEM | SQ FT | 8453 | 8453 | | |
| 54001001 | BOX CULVERT END SECTIONS, CULVERT NO. 1 | EACH | 1 | 1 | | |

* SPECIALTY ITEM

FILE NAME = D:\2267\sh-t-500-005.dgn



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| USER NAME = CD |
| PLOT SCALE = 1:2 |
| DATE = 8/11/2020 |

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|------------------------|-----------|
| DESIGNED - CEO | REVISED - |
| DRAWN - CEO | REVISED - |
| CHECKED - JCM | REVISED - |
| DATE - AUGUST 12, 2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 5 OF 10 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------------|--------------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 8 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|---|------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 54001002 | BOX CULVERT END SECTIONS, CULVERT NO. 2 | EACH | 1 | 1 | | |
| 54010707 | PRECAST CONCRETE BOX CULVERTS 7' X 7' | FOOT | 100 | 100 | | |
| 5421C012 | PIPE CULVERTS, CLASS C, TYPE 1 12" (TEMPORARY) | FOOT | 437 | 437 | | |
| 54261315 | CONCRETE END SECTION, STANDARD 542001, 15", 1:3 | EACH | 3 | 3 | | |
| 54261318 | CONCRETE END SECTION, STANDARD 542001, 18", 1:3 | EACH | 2 | 2 | | |
| 54261424 | CONCRETE END SECTION, STANDARD 542001, 24", 1:4 | EACH | 1 | 1 | | |
| 54261624 | CONCRETE END SECTION, STANDARD 542001, 24", 1:6 | EACH | 3 | 3 | | |
| 542A0215 | PIPE CULVERTS, CLASS A, TYPE 1 10" | FOOT | 8 | 8 | | |
| 542A0220 | PIPE CULVERTS, CLASS A, TYPE 1 15" | FOOT | 30 | 30 | | |
| 542A0229 | PIPE CULVERTS, CLASS A, TYPE 1 24" | FOOT | 443 | 443 | | |
| 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 48 | 48 | | |
| 550A0070 | STORM SEWERS, CLASS A, TYPE 1 15" | FOOT | 245 | 245 | | |
| 550A0090 | STORM SEWERS, CLASS A, TYPE 1 18" | FOOT | 23 | 23 | | |
| 550A0120 | STORM SEWERS, CLASS A, TYPE 1 24" | FOOT | 7 | 7 | | |

FILE NAME : D:\2267-sh-t-500-06.dgn



| | | |
|-----------------------|------------------------|-----------|
| USER NAME = CDgren | DESIGNED - CEO | REVISED - |
| | DRAWN - CEO | REVISED - |
| PLOT SCALE = 1:2 | CHECKED - JCM | REVISED - |
| PLOT DATE = 8/11/2020 | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 6 OF 10 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------------|--------------|
| 326 | (105XB)B-R | MCHENRY | 223 | 9 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|---|-------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 58600101 | GRANULAR BACKFILL FOR STRUCTURES | CU YD | 379 | 147 | 232 | |
| 59100100 | GEOCOMPOSITE WALL DRAIN | SQ YD | 129 | | 129 | |
| 60100060 | CONCRETE HEADWALLS FOR PIPE DRAINS | EACH | 7 | 7 | | |
| 60108100 | PIPE UNDERDRAINS 4" (SPECIAL) | FOOT | 310 | 310 | | |
| 60108204 | PIPE UNDERDRAINS, TYPE 2, 4" | FOOT | 4622 | 4622 | | |
| 60200105 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 3 | 3 | | |
| 60207605 | CATCH BASINS, TYPE C, TYPE 8 GRATE | EACH | 1 | 1 | | |
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 2 | 2 | | |
| 60237470 | INLETS, TYPE A, TYPE 24 FRAME AND GRATE | EACH | 1 | 1 | | |
| 60500205 | FILLING CATCH BASINS | EACH | 1 | 1 | | |
| 60608582 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 | FOOT | 338.0 | 338.0 | | |
| * 63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 566 | | | 566 |
| * 63100085 | TRAFFIC BARRIER TERMINAL, TYPE 6 | EACH | 4 | | | 4 |
| * 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 4 | | | 4 |

* SPECIALTY ITEM

REV-SEP

FILE NAME = D:\2267\shh-500-07.dgn

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|---|-----------------------|------------------------|-----------|---|------------------------------|--|--|---|------------|---------|-----------------|--------------|
|  | USER NAME = CD | DESIGNED - CEO | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1/2 | CHECKED - JCM | REVISED - | | | | | 326 | (105XB)B-R | MCHENRY | 223 | 10 |
| | PLOT DATE = 8/11/2020 | DATE - AUGUST 12, 2020 | REVISED - | | | | | SCALE: NONE SHEET 7 OF 10 SHEETS STA. TO STA. | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | | | | | |

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|--|--------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 600 | 600 | | |
| 63500105 | DELINEATORS | EACH | 21 | 21 | | |
| 64200116 | SHOULDER RUMBLE STRIPS, 16 INCH | FOOT | 4496 | | | 4496 |
| * 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 25530 | 25530 | | |
| * 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 6 | 6 | | |
| * 66901001 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN | LSUM | 1 | 1 | | |
| * 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT | LSUM | 1 | 1 | | |
| * 66901006 | REGULATED SUBSTANCES MONITORING | CAL DA | 116 | 116 | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 960 | 960 | | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 15488 | 15488 | | |
| 70300904 | PAVEMENT MARKING TAPE, TYPE IV 4" | FOOT | 24578 | 24578 | | |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 2775 | 2775 | | |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 4337.5 | 4337.5 | | |

*** SPECIALTY ITEM**

FILE NAME : D:\2267-ht-500-08.dgn



USER NAME = CDgreen
 PLOT SCALE = 1:2
 PLOT DATE = 8/11/2020

| | | | |
|------------|-----------------|-----------|--|
| DESIGNED - | CEO | REVISED - | |
| DRAWN - | CEO | REVISED - | |
| CHECKED - | JCM | REVISED - | |
| DATE - | AUGUST 12, 2020 | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 8 OF 10 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------------|--------------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 11 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|---|-------|-------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| 70600260 | IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | EACH | 6 | | | 6 |
| 70600330 | IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3 | EACH | 6 | | | 6 |
| * 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 86 | 86 | | |
| 72400200 | REMOVE SIGN PANEL ASSEMBLY - TYPE B | EACH | 1 | 1 | | |
| * 72501000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 4 | | | 4 |
| * 73000100 | WOOD SIGN SUPPORT | FOOT | 157 | 157 | | |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 15386 | 15386 | | |
| * 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | FOOT | 944 | 944 | | |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 50 | 50 | | |
| 78100200 | TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER | EACH | 250 | 250 | | |
| * 78200005 | GUARDRAIL REFLECTORS, TYPE A | EACH | 10 | | | 10 |
| * 78200010 | BARRIER WALL REFLECTORS, TYPE B | EACH | 8 | | | 8 |
| * 78200011 | BARRIER WALL REFLECTORS, TYPE C | EACH | 192 | 192 | | |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 30 | 30 | | |

* SPECIALTY ITEM

FILE NAME : D:\2267-sh-500-09.dgn



USER NAME = CDgreen
 PLOT SCALE = 1:2
 PLOT DATE = 8/11/2020

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| DESIGNED - | CEO | REVISED - | |
| DRAWN - | CEO | REVISED - | |
| CHECKED - | JCM | REVISED - | |
| DATE - | AUGUST 12, 2020 | REVISED - | |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES


SCALE: NONE SHEET 9 OF 10 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------------|--------------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 12 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|--|-------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| Z0004538 | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" | SQ YD | 77 | 77 | | |
| Z0004552 | APPROACH SLAB REMOVAL | SQ YD | 235 | 235 | | |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | 1 | | |
| Z0018700 | DRAINAGE STRUCTURE TO BE REMOVED | EACH | 1 | | | 1 |
| Z0019600 | DUST CONTROL WATERING | UNIT | 722 | 722 | | |
| Z0026400 | FURNISHING AND PLACING SAND FILL | CU YD | 298 | 298 | | |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 64 | 64 | | |
| Z0046304 | PIPE UNDERDRAINS FOR STRUCTURES 4" | FOOT | 176 | | 176 | |
| Z0053600 | RESET BENCH MONUMENT | EACH | 1 | 1 | | |
| Z0056100 | SAND DRAINAGE BLANKET | CU YD | 6837 | 6837 | | |
| Z0062456 | TEMPORARY PAVEMENT | SQ YD | 9295 | 9295 | | |
| Z0064505 | SECTION CORNER MARKERS | EACH | 2 | 2 | | |
| Z0065100 | SETTLEMENT PLATFORMS | EACH | 4 | 4 | | |
| * Z0076600 | TRAINEES | HOUR | | | | |

FILE NAME = D:\62267-ah-500-10.dgn

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|---|-----------------------|------------------------|-----------|
|  | USER NAME = CDgren | DESIGNED - CEO | REVISED - |
| | | DRAWN - CEO | REVISED - |
| | PLOT SCALE = 1:2 | CHECKED - JCM | REVISED - |
| | PLOT DATE = 8/11/2020 | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| SUMMARY OF QUANTITIES | | | |
|-----------------------|-----------------------|------|---------|
| SCALE: NONE | SHEET 10 OF 10 SHEETS | STA. | TO STA. |

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 13 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

| X - SPECIALTY ITEM * - 0042 | | | | ROADWAY | BRIDGE SN 056-0316 | SAFETY |
|-----------------------------|---|--------|----------------------------|----------------------|--------------------------|----------------------|
| CODE NO | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY URBAN | 0004 | 0010 | 0021 |
| | | | | 20% STATE 80% FED | 20% STATE 80% FED | 20% STATE 80% FED |
| * Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE | HOUR | | | | |
| * A2006516 | TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED | EACH | 9 | 9 | | |
| * A2006716 | TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED | EACH | 10 | 10 | | |
| * K0013030 | PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG | UNIT | 41.00 | 41.00 | | |
| K0029614 | WEED CONTROL, AQUATIC | GALLON | 1 | 1 | | |
| X0324752 | STORM SEWER TO BE FILLED | CU YD | 8 | 8 | | |
| X0325833 | WICK DRAINS | FOOT | 32603 | 32603 | | |
| X0327979 | PAVEMENT MARKING REMOVAL - GRINDING | SQ FT | 147 | 147 | | |
| X0327980 | PAVEMENT MARKING REMOVAL - WATER BLASTING | SQ FT | 82 | 82 | | |
| X0900075 | COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) | EACH | 1 | | 1 | |
| X2130010 | EXPLORATION TRENCH, SPECIAL | FOOT | 200 | 200 | | |
| * X2501800 | SEEDING, CLASS 4 (MODIFIED) | ACRE | 3.75 | 3.75 | | |
| * X2502024 | SEEDING, CLASS 4B (MODIFIED) | ACRE | 3.00 | 3.00 | | |
| X2800315 | REMOVE INLET FILTERS | EACH | 4 | 4 | | |

* SPECIALTY ITEM

FILE NAME : D:\2267-ht-500-11.dgn



USER NAME = CDgren
 PLOT SCALE = 1:2
 PLOT DATE = 8/11/2020

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| DESIGNED - CEO | REVISED - |
| DRAWN - CEO | REVISED - |
| CHECKED - JCM | REVISED - |
| DATE - AUGUST 12, 2020 | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

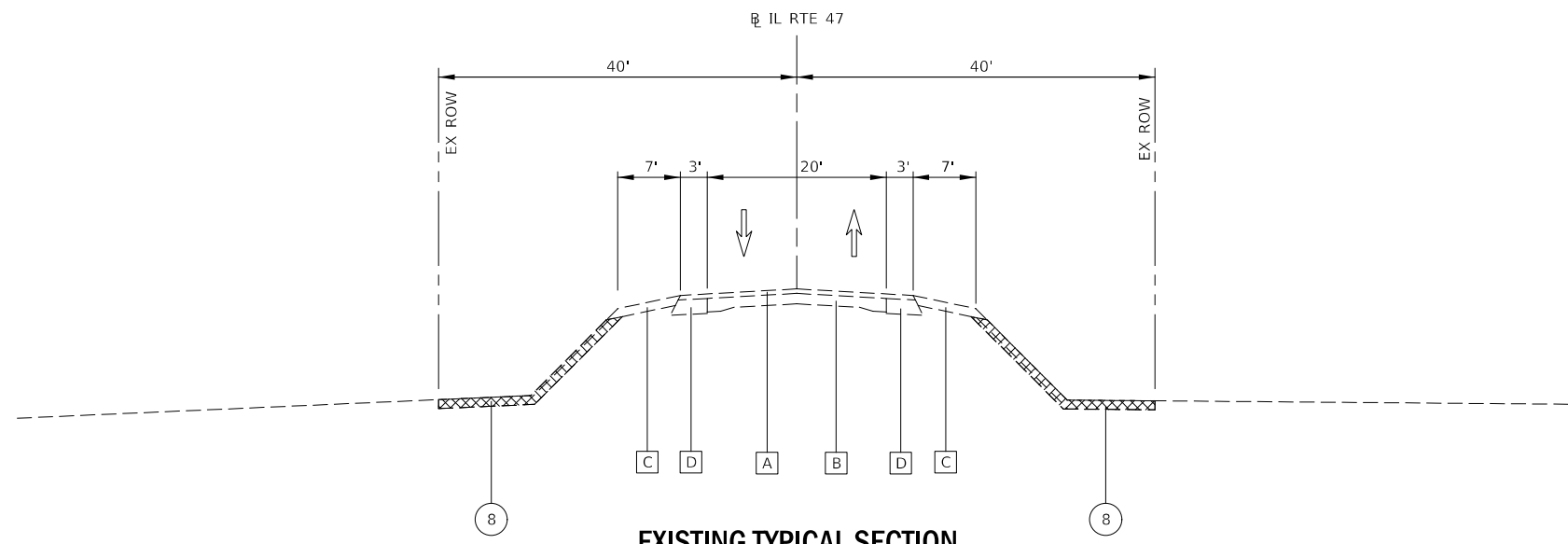
SCALE: NONE SHEET 10 OF 10 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------------|--------------|
| 326 | (105XB)B-R | MCHENRY | 223 | 14 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

REV-SEP

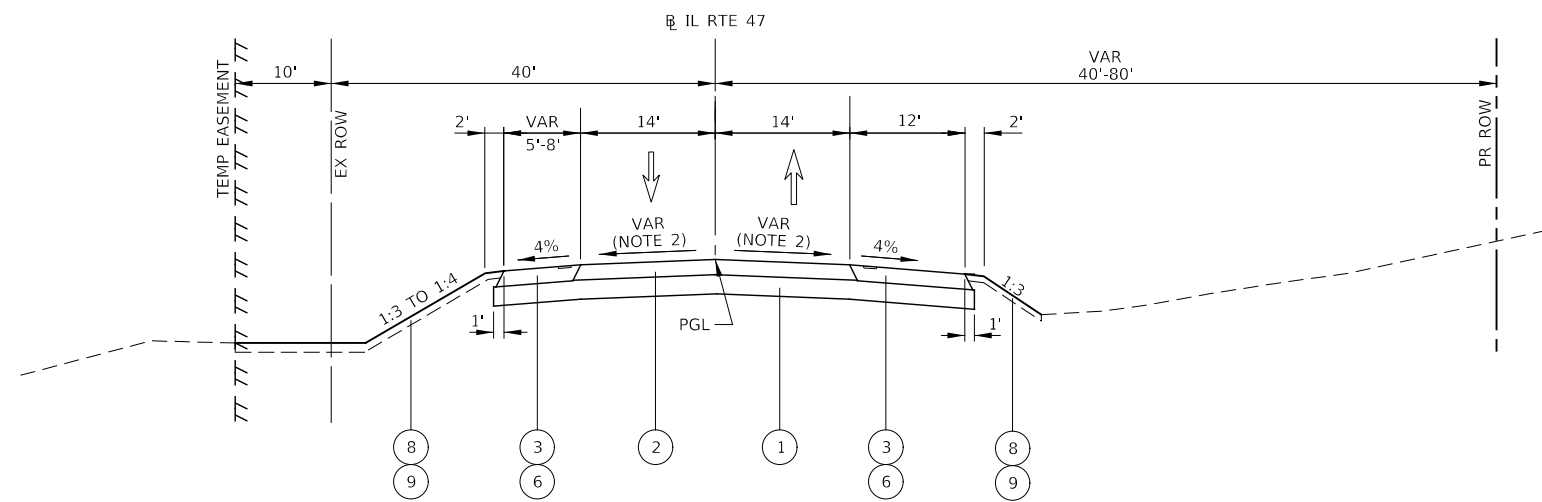
LEGEND

- [A] EXISTING HMA OVERLAY 3" (SEE NOTE 1)
- [B] EXISTING CONCRETE PAVEMENT VARIES 7"-9" (SEE NOTE 1)
- [C] EXISTING AGGREGATE SHOULDER 6" (SEE NOTE 1)
- [D] EXISTING HMA WIDENING 10" (SEE NOTE 1)
- (1) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"
- (3) HOT-MIX ASPHALT SHOULDERS, 10 1/4"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (5) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (6) SHOULDER RUMBLE STRIPS, 16 INCH (SEE NOTE 3)
- (7) AGGREGATE SHOULDERS, TYPE B 10"
- (8) TOPSOIL EXCAVATION AND PLACEMENT (SEE NOTE 5)
- (9) SEEDING (SEE NOTE 4)



EXISTING TYPICAL SECTION

ILLINOIS ROUTE 47
STA 19+71 TO STA 43+48



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 47
STA 19+71 TO STA 22+50

NOTES

1. EXISTING PAVEMENT THICKNESSES ARE FROM RECORD DRAWINGS.
2. SEE SUPERELEVATION TRANSITION DIAGRAMS FOR PAVEMENT CROSS SLOPES.
3. RUMBLE STRIPS SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 642001-02
4. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.
5. TOPSOIL EXCAVATION OF 18 INCHES AND TOPSOIL PLACEMENT OF 6 INCHES SHALL BE USED FOR ESTIMATING PURPOSES. SEE SCHEDULE OF QUANTITIES-EARTHWORK PAY ITEMS FOR MORE INFORMATION.

FILE NAME = D:\22A80-shr-typical-01.dgn



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| USER NAME = cliss | DESIGNED - WEV | REVISED - |
| | DRAWN - WEV | REVISED - |
| PLOT SCALE = 1:20 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

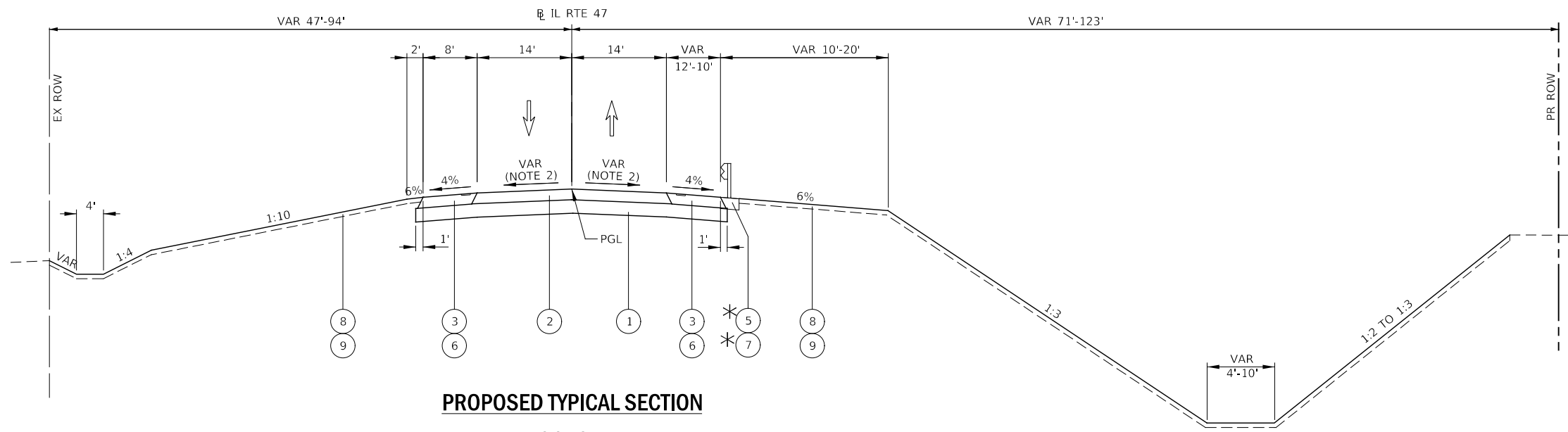
**TYPICAL SECTIONS
ILLINOIS ROUTE 47**

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 16 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

LEGEND

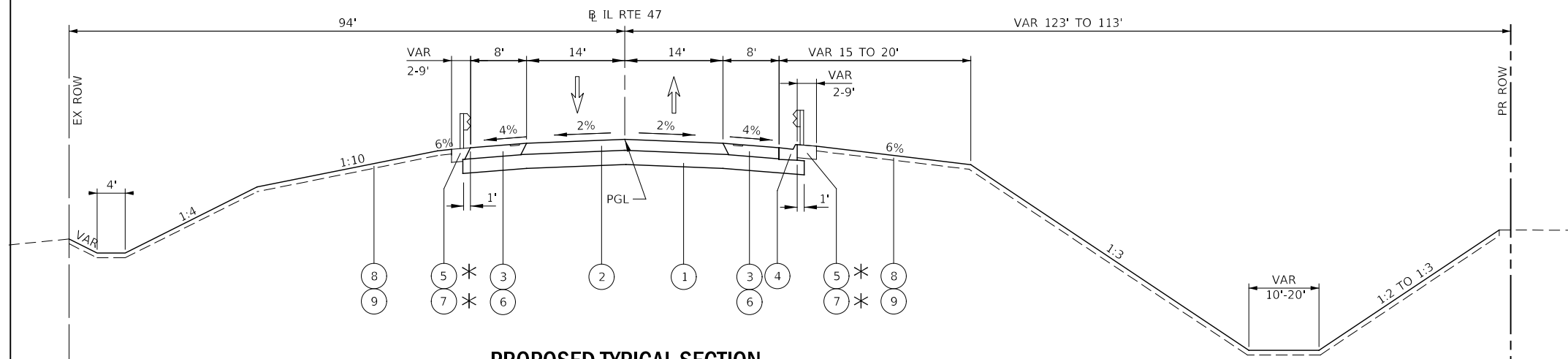
- [A] EXISTING HMA OVERLAY 3" (SEE NOTE 1)
- [B] EXISTING CONCRETE PAVEMENT VARIES 7"-9" (SEE NOTE 1)
- [C] EXISTING AGGREGATE SHOULDER 6" (SEE NOTE 1)
- [D] EXISTING HMA WIDENING 10" (SEE NOTE 1)
- (1) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"
- (3) HOT-MIX ASPHALT SHOULDERS, 10 1/4"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (5) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (6) SHOULDER RUMBLE STRIPS, 16 INCH (SEE NOTE 3)
- (7) AGGREGATE SHOULDERS, TYPE B 10"
- (8) TOPSOIL EXCAVATION AND PLACEMENT (SEE NOTE 5)
- (9) SEEDING (SEE NOTE 4)



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 47
STA 22+50 TO STA 29+66

* TRAFFIC BARRIER TERMINAL & GUARDRAIL LOCATIONS
STA 28+00 TO STA 29+66 RT



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 47
STA 29+66 TO STA 31+22
STA 32+98 TO STA 34+50

* TRAFFIC BARRIER TERMINAL & GUARDRAIL LOCATIONS
STA 30+87 TO STA 31+37 LT
STA 29+66 TO STA 31+37 RT
STA 32+83 TO STA 34+83 LT
STA 32+83 TO STA 34+50 RT

NOTES

1. EXISTING PAVEMENT THICKNESSES ARE FROM RECORD DRAWINGS.
2. SEE SUPERELEVATION TRANSITION DIAGRAMS FOR PAVEMENT CROSS SLOPES.
3. RUMBLE STRIPS SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 642001-02
4. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.
5. TOPSOIL EXCAVATION OF 18 INCHES AND TOPSOIL PLACEMENT OF 6 INCHES SHALL BE USED FOR ESTIMATING PURPOSES. SEE SCHEDULE OF QUANTITIES-EARTHWORK PAY ITEMS FOR MORE INFORMATION.

FILE NAME = D:\22A80-shr-typical-02.dgn



| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - WEV | REVISED - |
| PLOT SCALE = 1:20 | DRAWN - WEV | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

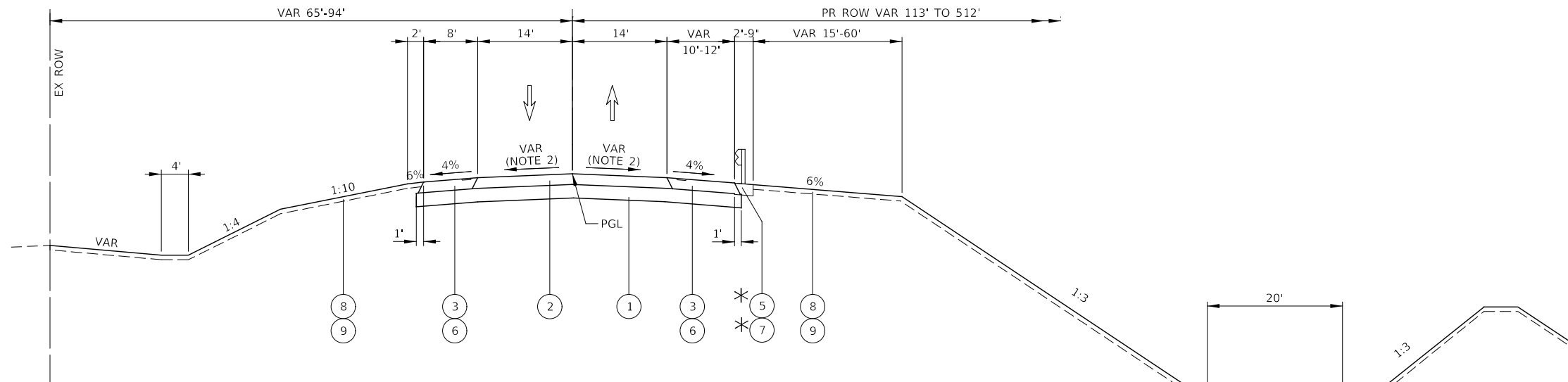
**TYPICAL SECTIONS
ILLINOIS ROUTE 47**

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 17 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

LEGEND

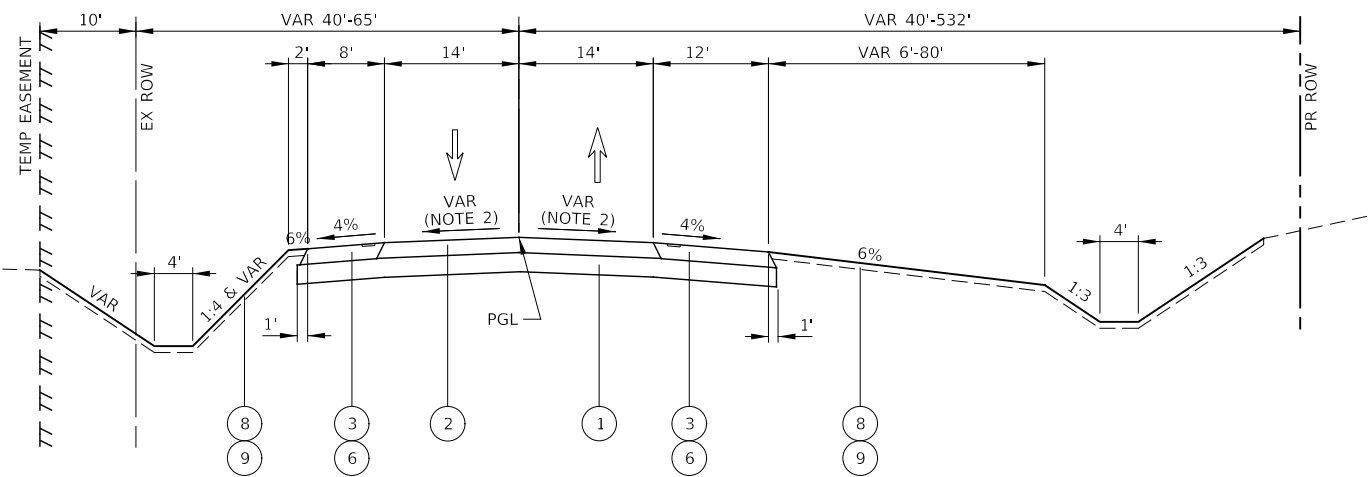
- [A] EXISTING HMA OVERLAY 3" (SEE NOTE 1)
- [B] EXISTING CONCRETE PAVEMENT VARIES 7"-9" (SEE NOTE 1)
- [C] EXISTING AGGREGATE SHOULDER 6" (SEE NOTE 1)
- [D] EXISTING HMA WIDENING 10" (SEE NOTE 1)
- (1) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"
- (3) HOT-MIX ASPHALT SHOULDERS, 10 1/4"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (5) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (6) SHOULDER RUMBLE STRIPS, 16 INCH (SEE NOTE 3)
- (7) AGGREGATE SHOULDERS, TYPE B 10"
- (8) TOPSOIL EXCAVATION AND PLACEMENT (SEE NOTE 5)
- (9) SEEDING (SEE NOTE 4)



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 47
STA 34+50 TO STA 38+50

* TRAFFIC BARRIER TERMINAL & GUARDRAIL LOCATIONS
STA 34+50 TO STA 35+60 RT



PROPOSED TYPICAL SECTION

ILLINOIS ROUTE 47
STA 38+50 TO STA 43+48

NOTES

1. EXISTING PAVEMENT THICKNESSES ARE FROM RECORD DRAWINGS.
2. SEE SUPERELEVATION TRANSITION DIAGRAMS FOR PAVEMENT CROSS SLOPES.
3. RUMBLE STRIPS SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 642001-02
4. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.
5. TOPSOIL EXCAVATION OF 18 INCHES AND TOPSOIL PLACEMENT OF 6 INCHES SHALL BE USED FOR ESTIMATING PURPOSES. SEE SCHEDULE OF QUANTITIES-EARTHWORK PAY ITEMS FOR MORE INFORMATION.

FILE NAME = D:\22A80-shr-typical-03.dgn

KNIGHT
Engineers & Architects

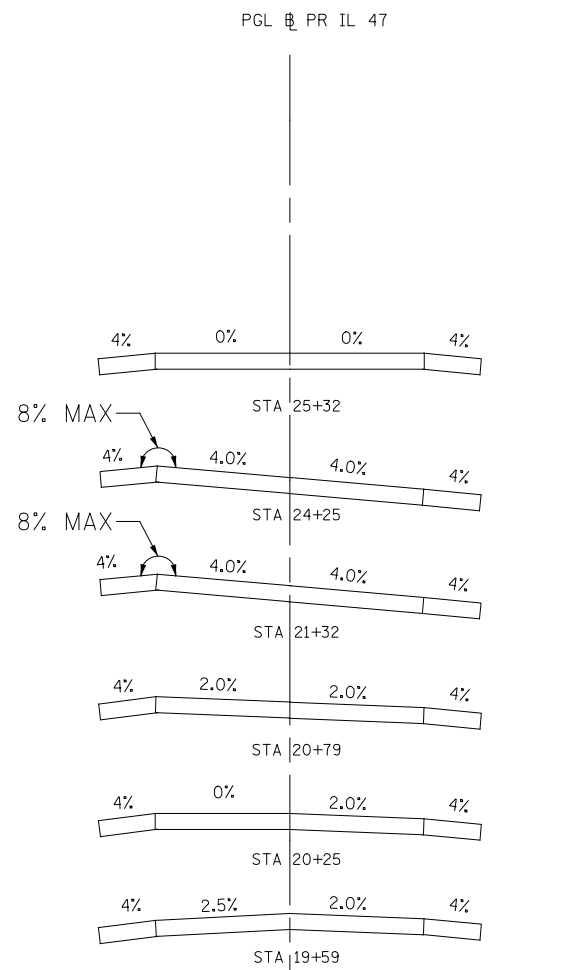
| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - WEV | REVISED - |
| PLOT SCALE = 1:20 | DRAWN - WEV | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

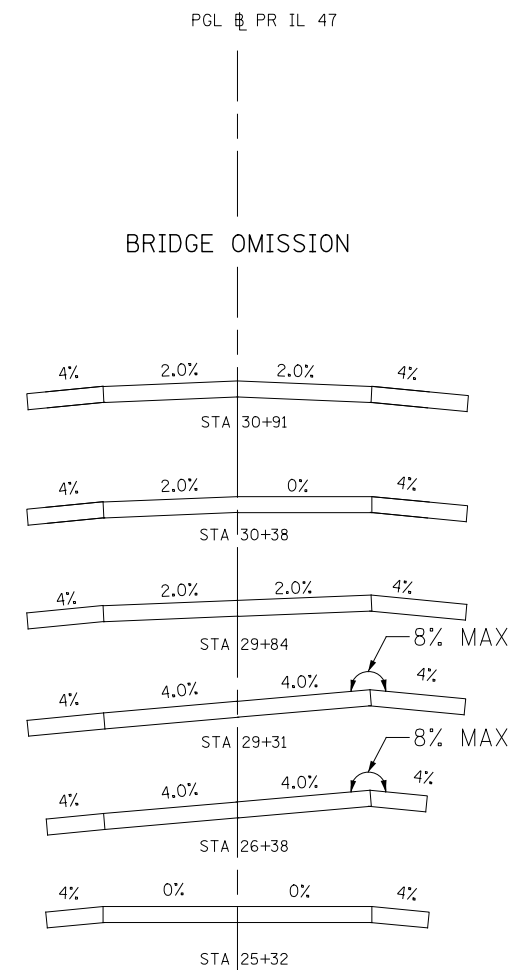
**TYPICAL SECTIONS
ILLINOIS ROUTE 47**

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

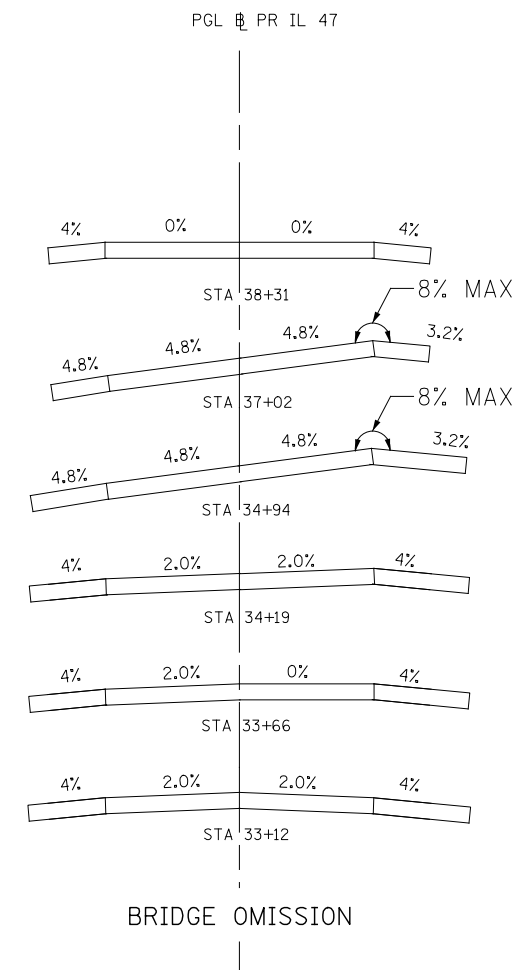
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 18 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



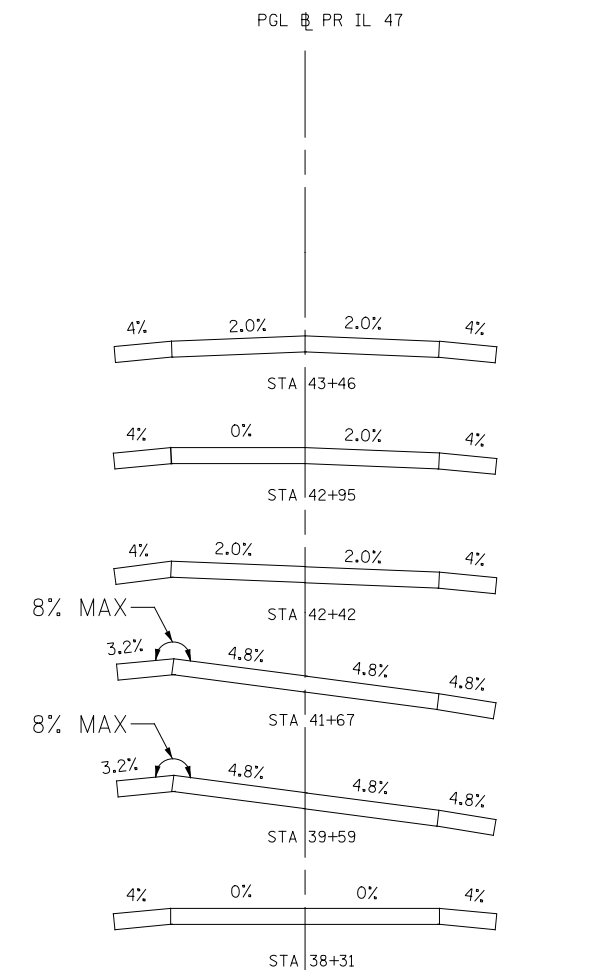
SUPERELEVATION TRANSITION DIAGRAM
19+59 TO 25+32



SUPERELEVATION TRANSITION DIAGRAM
25+32 TO BRIDGE



SUPERELEVATION TRANSITION DIAGRAM
BRIDGE TO 38+31



SUPERELEVATION TRANSITION DIAGRAM
38+31 TO 43+46

FILE NAME = D:\22A80-shr-typical-1-94.dgn

KNIGHT
Engineers & Architects

| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - DGB | REVISED - |
| | DRAWN - DGB | REVISED - |
| PLOT SCALE = 1:20 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
SUPERELEVATION TRANSITION DIAGRAMS
ILLINOIS ROUTE 47

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 19 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

MIXTURE TABLE

| USE | MIXTURE TYPE | AIR VOIDS @ N des | QMP |
|--|---|-------------------|-------|
| HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 3/4" | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "E", N70 2" | 4% @ 70 GYR | QC/QA |
| | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90 2 1/4" | 4% @ 90 GYR | QC/QA |
| | HOT-MIX ASPHALT BASE COURSE 6" | 4% @ 90 GYR | QC/QA |
| HOT-MIX ASPHALT SHOULDERS, 10 3/4" | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1L-9.5, N70 2" | 4% @ 70 GYR | QC/QA |
| | HOT-MIX ASPHALT BINDER COURSE 1L-19.0, N70 8 3/4" | 4% @ 70 GYR | QC/QA |
| HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" (COMMERCIAL ENTRANCE) (FIELD ENTRANCE) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (1L 9.5 mm) 2" | 4% @ 50 GYR | QC/QA |
| | HOT-MIX ASPHALT BINDER COURSE 1L-19.0, N50 8" | 4% @ 50 GYR | QC/QA |
| TEMPORARY PAVEMENT | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1L 9.5 mm) 2" | 4% @ 70 GYR | QC/QA |
| | HOT-MIX ASPHALT BINDER COURSE 1L-19.0, N70 8" | 4% @ 70 GYR | QC/QA |
| PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "E", N70 2" | 4% @ 70 GYR | QC/QA |
| | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90 2 1/4" | 4% @ 90 GYR | QC/QA |
| | HOT-MIX ASPHALT BASE COURSE 10 3/4" | 4% @ 90 GYR | QC/QA |
| CLASS D PATCHES, TYPE IV, 12 INCH | CLASS D PATCHES (HMA BINDER 1L-19 mm) | 4% @ 70 GYR | QC/QA |
| QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSUARCE (QC/QA); QUALITY CONTROL PERFORMANCE (QCP) | | | |

NOTES

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.
2. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. ALTERNATE TEMPORARY PAVEMENT: PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK OVER 4" SUBBASE GRANULAR MATERIAL, TYPE B. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
4. THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
5. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

FILE NAME = D:\62A80-ht-typical-95.dgn



| | | |
|-----------------------|------------------------|-----------|
| USER NAME = CDgreen | DESIGNED - CEO | REVISED - |
| | DRAWN - CEO | REVISED - |
| PLOT SCALE = 1:20 | CHECKED - JCM | REVISED - |
| PLOT DATE = 8/11/2020 | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|---------|-------------|--------------|
| TYPICAL SECTIONS HOT MIX ASPHALT MIXTURE REQUIREMENTS ILLINOIS ROUTE 47 | | | |
| SCALE: NONE | SHEET 5 | OF 5 SHEETS | STA. TO STA. |


| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 20 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

| Station To Station | Length | Earth Excavation (Cubic Yards) | | | | | Earth Excavation Adjusted for Shrinkage (15%) (Cubic Yards) | | | | | Embankment (Cubic Yards) | | | | | Earthwork Balance (+) - Wastage / (-) - Shortage (Cubic Yards) | | | | | Unsuitable Earth Excavation (Cubic Yards) | | | | | Topsoil Excavation (18' Estimated Thickness) (Cubic yards) | | | | | Topsoil Placement (6' Thickness) (Cubic yards) | | | | | | | | | | | | |
|--|--------|--------------------------------|---------|---------|---------|---------|---|-----------|---------|---------|---------|--------------------------|---------|-----------|---------|---------|--|---------|---------|-----------|---------|---|---------|---------|---------|-----------|--|---------|---------|---------|---------|--|---------|---------|---------|---------|---------|---|----|----|----|----|----|---|
| | | Pre stage | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage 5 | Pre stage | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage 5 | Pre stage | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage 5 | Pre stage | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage 5 | Pre stage | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage 5 | Pre stage | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage 5 | | | | | | | |
| MISSION AT BRIDGE OVER KISHWAUKEE RIVER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IL ROUTE 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32+30 | 32+55 | 25.0 | 4 | 0 | 10 | 0 | 26 | 0 | 4 | 0 | 8 | 0 | 22 | 0 | 0 | 0 | 787 | 0 | 152 | 0 | 3 | 0 | -779 | 0 | -129 | 0 | 0 | 0 | 131 | 0 | 25 | 0 | 0 | 0 | 80 | 0 | 13 | 0 | 0 | 0 | 14 | 0 | 16 | 0 |
| 32+55 | 33+00 | 45.0 | 15 | 0 | 17 | 0 | 81 | 0 | 13 | 0 | 14 | 0 | 68 | 0 | 0 | 0 | 1588 | 0 | 263 | 0 | 13 | 0 | -1574 | 0 | -195 | 0 | 0 | 0 | 384 | 0 | 109 | 0 | 0 | 0 | 301 | 0 | 47 | 0 | 0 | 0 | 52 | 0 | 58 | 0 |
| 33+00 | 33+50 | 50.0 | 18 | 0 | 0 | 0 | 62 | 0 | 15 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 1768 | 0 | 330 | 0 | 15 | 0 | -1768 | 0 | -277 | 0 | 0 | 0 | 184 | 0 | 128 | 0 | 0 | 0 | 359 | 0 | 52 | 0 | 0 | 0 | 64 | 0 | 64 | 0 |
| 33+50 | 34+00 | 50.0 | 19 | 0 | 0 | 0 | 46 | 0 | 16 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 1907 | 0 | 361 | 0 | 16 | 0 | -1907 | 0 | -322 | 0 | 0 | 0 | 43 | 0 | 115 | 0 | 0 | 0 | 368 | 0 | 52 | 0 | 0 | 0 | 67 | 0 | 64 | 0 |
| 34+00 | 34+50 | 50.0 | 19 | 0 | 0 | 0 | 34 | 0 | 16 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 1920 | 0 | 381 | 0 | 16 | 0 | -1920 | 0 | -352 | 0 | 0 | 0 | 24 | 0 | 59 | 0 | 0 | 0 | 366 | 0 | 52 | 0 | 0 | 0 | 67 | 0 | 64 | 0 |
| 34+50 | 35+00 | 50.0 | 18 | 0 | 12 | 0 | 25 | 0 | 15 | 0 | 10 | 0 | 21 | 0 | 0 | 0 | 1578 | 0 | 187 | 0 | 15 | 0 | -1577 | 0 | -166 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 363 | 0 | 52 | 0 | 0 | 0 | 66 | 0 | 63 | 0 | |
| 35+00 | 35+50 | 50.0 | 17 | 3 | 70 | 0 | 23 | 0 | 15 | 3 | 59 | 0 | 19 | 0 | 0 | 0 | 1373 | 0 | 141 | 0 | 15 | 3 | -1314 | 0 | -122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 359 | 0 | 52 | 0 | 0 | 0 | 70 | 0 | 64 | 0 | |
| 35+50 | 36+00 | 50.0 | 17 | 7 | 153 | 0 | 20 | 0 | 15 | 6 | 130 | 0 | 17 | 0 | 0 | 0 | 1130 | 0 | 116 | 0 | 15 | 6 | -1000 | 0 | -99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 354 | 0 | 52 | 0 | 0 | 0 | 77 | 0 | 64 | 0 | |
| 36+00 | 36+50 | 50.0 | 18 | 9 | 238 | 0 | 17 | 0 | 16 | 7 | 198 | 0 | 15 | 0 | 0 | 0 | 799 | 108 | 140 | 0 | 16 | 7 | -601 | -108 | -126 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332 | 16 | 52 | 0 | 0 | 0 | 80 | 0 | 61 | 0 | |
| 36+50 | 37+00 | 50.0 | 18 | 12 | 304 | 0 | 18 | 0 | 16 | 11 | 258 | 0 | 15 | 0 | 0 | 0 | 708 | 84 | 102 | 0 | 16 | 10 | -450 | -84 | -86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 314 | 31 | 53 | 0 | 0 | 0 | 83 | 0 | 58 | 0 | |
| 37+00 | 37+50 | 50.0 | 18 | 16 | 379 | 0 | 16 | 0 | 15 | 13 | 322 | 0 | 13 | 0 | 0 | 5 | 575 | 65 | 91 | 0 | 15 | 8 | -253 | -65 | -78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 321 | 28 | 52 | 0 | 0 | 0 | 87 | 0 | 53 | 0 | |
| 37+50 | 38+00 | 50.0 | 18 | 17 | 474 | 0 | 31 | 0 | 15 | 15 | 402 | 0 | 27 | 0 | 0 | 12 | 474 | 42 | 71 | 0 | 15 | 3 | -71 | -42 | -44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 331 | 17 | 39 | 0 | 0 | 0 | 92 | 0 | 50 | 0 | |
| 38+00 | 38+50 | 50.0 | 18 | 17 | 537 | 0 | 50 | 0 | 16 | 15 | 456 | 0 | 42 | 0 | 0 | 59 | 372 | 33 | 65 | 0 | 16 | -45 | 84 | -33 | -22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 343 | 5 | 19 | 0 | 0 | 0 | 98 | 0 | 47 | 0 | |
| 38+50 | 39+00 | 50.0 | 18 | 17 | 420 | 0 | 52 | 0 | 15 | 14 | 357 | 0 | 44 | 0 | 0 | 71 | 277 | 29 | 40 | 0 | 15 | -57 | 81 | -29 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 348 | 0 | 6 | 0 | 0 | 0 | 96 | 0 | 42 | 0 | |
| 39+00 | 39+50 | 50.0 | 18 | 16 | 234 | 0 | 62 | 0 | 15 | 14 | 199 | 0 | 53 | 0 | 0 | 81 | 187 | 21 | 36 | 0 | 15 | -67 | 12 | -21 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 333 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 37 | 0 | | |
| 39+50 | 40+00 | 50.0 | 18 | 17 | 137 | 0 | 71 | 0 | 15 | 14 | 117 | 0 | 61 | 0 | 0 | 92 | 172 | 13 | 30 | 0 | 15 | -78 | -55 | -13 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 305 | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 32 | 0 | | |
| 40+00 | 40+50 | 50.0 | 18 | 18 | 79 | 0 | 66 | 0 | 16 | 15 | 67 | 0 | 56 | 0 | 0 | 85 | 177 | 6 | 30 | 0 | 16 | -70 | -109 | -6 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 277 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 28 | 0 | | |
| 40+50 | 41+00 | 50.0 | 18 | 29 | 51 | 1 | 49 | 0 | 15 | 25 | 43 | 1 | 41 | 0 | 0 | 12 | 197 | 5 | 48 | 0 | 15 | 13 | -154 | -5 | -7 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 249 | 0 | 0 | 0 | 0 | 0 | 73 | 0 | 25 | 0 | | |
| 41+00 | 41+50 | 50.0 | 18 | 36 | 37 | 2 | 31 | 0 | 15 | 31 | 31 | 1 | 26 | 0 | 0 | 53 | 223 | 7 | 46 | 0 | 15 | -22 | -191 | -5 | -20 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 216 | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 23 | 0 | | |
| 41+50 | 42+00 | 50.0 | 18 | 26 | 32 | 3 | 20 | 0 | 15 | 22 | 28 | 2 | 17 | 0 | 0 | 75 | 250 | 6 | 19 | 0 | 15 | -53 | -222 | -4 | -2 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 182 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 22 | 0 | | |
| 42+00 | 42+50 | 50.0 | 17 | 18 | 29 | 6 | 14 | 0 | 15 | 15 | 24 | 5 | 12 | 0 | 8 | 3 | 215 | 0 | 14 | 0 | 7 | 13 | -191 | 5 | -3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 47 | 145 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 21 | 0 | |
| 42+50 | 43+00 | 50.0 | 16 | 21 | 26 | 11 | 9 | 0 | 14 | 18 | 22 | 10 | 7 | 0 | 0 | 30 | 128 | 0 | 37 | 0 | 14 | -12 | -106 | 10 | -29 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 47 | 112 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 21 | 0 | |
| 43+00 | 43+50 | 50.0 | 19 | 13 | 11 | 7 | 3 | 3 | 16 | 11 | 10 | 6 | 3 | 2 | 43 | 0 | 0 | 0 | 0 | 11 | 11 | 10 | 10 | 6 | 3 | -9 | 0 | 0 | 0 | 0 | 0 | 14 | 31 | 49 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 11 | 8 | |
| 43+50 | 44+00 | 50.0 | 23 | 11 | 0 | 0 | 0 | 5 | 19 | 10 | 0 | 0 | 0 | 4 | 8 | 0 | 0 | 0 | 12 | 21 | 11 | 10 | 0 | 0 | -12 | -18 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 10 | | |
| 44+00 | 44+50 | 50.0 | 22 | 21 | 0 | 0 | 3 | 4 | 19 | 18 | 0 | 0 | 3 | 3 | 0 | 19 | 0 | 0 | 41 | 20 | 19 | -1 | 0 | 0 | -38 | -16 | 0 | 0 | 0 | 0 | 0 | 3 | 17 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 12 | 5 | | |
| 44+50 | 45+00 | 50.0 | 18 | 21 | 0 | 0 | 9 | 2 | 15 | 18 | 0 | 0 | 7 | 2 | 0 | 22 | 0 | 0 | 43 | 16 | 15 | -4 | 0 | 0 | -35 | -14 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 18 | 3 | | |
| 45+00 | 45+50 | 50.0 | 16 | 22 | 0 | 0 | 12 | 1 | 14 | 19 | 0 | 0 | 10 | 1 | 0 | 16 | 0 | 0 | 37 | 4 | 14 | 3 | 0 | 0 | -27 | -3 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | | |
| 45+50 | 46+00 | 50.0 | 16 | 23 | 0 | 0 | 12 | 1 | 13 | 20 | 0 | 0 | 10 | 1 | 0 | 18 | 0 | 0 | 33 | 16 | 13 | 2 | 0 | 0 | -23 | -16 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | | |
| 46+00 | 46+50 | 50.0 | 15 | 22 | 0 | 0 | 12 | 0 | 13 | 19 | 0 | 0 | 10 | 0 | 0 | 18 | 0 | 0 | 36 | 16 | 13 | 1 | 0 | 0 | -26 | -16 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | | |
| 46+50 | 47+00 | 50.0 | 16 | 20 | 0 | 0 | 10 | 0 | 14 | 17 | 0 | 0 | 9 | 0 | 0 | 16 | 0 | 0 | 37 | 17 | 14 | 1 | 0 | 0 | -28 | -17 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | | |
| 47+00 | 47+50 | 50.0 | 16 | 20 | 0 | 0 | 5 | 0 | 13 | 17 | 0 | 0 | 4 | 0 | 0 | 10 | 0 | 0 | 8 | 16 | 13 | 8 | 0 | 0 | -4 | -16 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | | |
| 47+50 | 48+00 | 50.0 | 15 | 19 | 0 | 0 | 1 | 0 | 13 | 16 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 5 | 17 | 13 | 15 | 0 | 0 | -4 | -17 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 48+00 | 48+50 | 50.0 | 15 | 17 | 0 | 0 | 1 | 0 | 13 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 13 | 14 | 0 | 0 | -3 | -16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 48+50 | 49+00 | 50.0 | 16 | 14 | 0 | 0 | 1 | 0 | 13 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 16 | 13 | 11 | 0 | 0 | -12 | -16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 49+00 | 49+50 | 50.0 | 16 | 11 | 0 | 0 | 3 | 0 | 14 | 10 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| ITEM | TREE NO | STATION | OFFSET | DIAMETER (2018) [IN] | CLEARING | TREE REMOV 6-15 [UNIT] | TREE REMOV OVER 15 [UNIT]" | TO BE REMOVED UNDER ACREAGE [DIA] |
|------|---------|---------|----------|----------------------|----------|------------------------|----------------------------|-----------------------------------|
| 1 | 7 | 23+79.9 | 44.5 RT | 8 | | 8 | | |
| 2 | 22 | 23+91.5 | 19.2 RT | 8 | | 8 | | |
| 3 | 8 | 24+34.7 | 34.6 RT | 7 | | 7 | | |
| 4 | 9 | 24+47.5 | 34.1 RT | 10 | | 10 | | |
| 5 | 10 | 24+74.6 | 45.7 RT | 6 | | 6 | | |
| 6 | 24 | 25+81.1 | 0.4 LT | 9 | | 9 | | |
| 7 | 25 | 26+13.6 | 3.6 LT | 8 | | 8 | | |
| 8 | 26 | 26+44.7 | 8.2 LT | 6 | | 6 | | |
| 9 | 12 | 26+62.0 | 20.0 RT | 4 | 4 | | | |
| 10 | 27 | 26+65.7 | 6.6 LT | 11 | | 11 | | |
| 11 | 13 | 26+69.7 | 28.3 RT | 5 | 5 | | | |
| 12 | 14 | 26+72.4 | 22.0 RT | 5 | 5 | | | |
| 13 | 28 | 27+04.7 | 11.1 LT | 8 | | 8 | | |
| 14 | 15 | 27+05.1 | 17.1 RT | 6 | | 6 | | |
| 15 | 17 | 27+12.5 | 54.7 RT | 4 | 4 | | | |
| 16 | 18 | 27+14.4 | 55.7 RT | 4 | 4 | | | |
| 17 | 21 | 27+17.0 | 82.4 RT | 4 | 4 | | | |
| 18 | 19 | 27+19.1 | 62.9 RT | 6 | | 6 | | |
| 19 | 323 | 27+44.5 | 61.2 RT | 4 | 4 | | | |
| 20 | 322 | 27+45.9 | 58.4 RT | 18 | | | 18 | |
| 21 | 321 | 27+47.9 | 90.3 RT | 14 | | 14 | | |
| 22 | 320 | 27+49.2 | 94.5 RT | 14 | | 14 | | |
| 23 | 309 | 27+49.3 | 124.4 RT | 7 | | | | |
| 24 | 311 | 27+50.6 | 113.2 RT | 5 | | | | |
| 25 | 308 | 27+50.9 | 128.9 RT | 13 | | | | |
| 26 | 324 | 27+53.5 | 49.8 RT | 12 | | | | 12 |
| 27 | 310 | 27+53.8 | 115.5 RT | 10 | | | | |
| 28 | 328 | 27+55.8 | 29.8 RT | 14 | | | | 14 |
| 29 | 319 | 27+56.2 | 94.0 RT | 13 | | 13 | | |
| 30 | 313 | 27+57.5 | 110.4 RT | 12 | | | | |
| 31 | 29 | 27+60.0 | 14.9 LT | 10 | | 10 | | |
| 32 | 327 | 27+60.3 | 39.2 RT | 7 | | | | 7 |
| 33 | 325 | 27+61.7 | 56.0 RT | 7 | | | | 7 |
| 34 | 326 | 27+65.1 | 46.6 RT | 10 | | | | 10 |
| 35 | 329 | 27+71.8 | 25.3 RT | 6 | | 6 | | |
| 36 | 330 | 27+71.9 | 7.6 RT | 8 | | | | 8 |
| 37 | 318 | 27+72.6 | 94.3 RT | 6 | | 6 | | |
| 38 | 331 | 27+77.3 | 9.4 RT | 8 | | | | 8 |
| 39 | 347 | 27+80.3 | 61.9 RT | 4 | | | | 4 |
| 40 | 332 | 27+82.4 | 2.3 RT | 4 | | | | 4 |
| 41 | 343 | 27+83.1 | 49.9 RT | 6 | | | | 6 |
| 42 | 342 | 27+83.4 | 52.6 RT | 5 | | | | 5 |
| 43 | 344 | 27+83.6 | 46.4 RT | 4 | | | | 4 |
| 44 | 315 | 27+85.6 | 114.0 RT | 4 | | | | 4 |
| 45 | 334 | 27+85.9 | 6.5 RT | 7 | | | | 7 |
| 46 | 333 | 27+86.0 | 5.2 RT | 7 | | | | 7 |
| 47 | 345 | 27+87.1 | 48.8 RT | 5 | | | | 5 |
| 48 | 335 | 27+87.3 | 9.6 RT | 5 | | | | 5 |
| 49 | 340 | 27+89.0 | 72.8 RT | 4 | | | | 4 |
| 50 | 316 | 27+89.5 | 124.4 RT | 4 | | | | 4 |
| 51 | 346 | 27+90.2 | 42.9 RT | 4 | | | | 4 |
| 52 | 341 | 27+90.6 | 68.8 RT | 4 | | | | 4 |
| 53 | 336 | 27+91.2 | 85.5 RT | 4 | | | | 4 |
| 54 | 337 | 27+91.5 | 79.2 RT | 5 | | | | 5 |
| 55 | 317 | 27+92.7 | 111.3 RT | 6 | | 6 | | |
| 56 | 338 | 27+95.7 | 74.9 RT | 8 | | | | 8 |
| 57 | 339 | 27+98.6 | 75.1 RT | 4 | | | | 4 |
| 58 | 348 | 28+02.4 | 70.4 RT | 6 | | | | 6 |
| 59 | 30 | 28+07.9 | 16.4 LT | 4 | 4 | | | |
| 60 | 349 | 28+08.4 | 73.1 RT | 6 | | | | 6 |
| 61 | 350 | 28+09.9 | 71.8 RT | 6 | | | | 6 |
| 62 | 351 | 28+15.1 | 68.4 RT | 6 | | | | 6 |
| 63 | 352 | 28+19.7 | 70.4 RT | 5 | | | | 5 |
| 64 | 359 | 28+21.4 | 55.1 RT | 4 | | | | 4 |
| 65 | 451 | 28+25.4 | 0.7 RT | 27 | | | 27 | |
| 66 | 357 | 28+25.5 | 68.5 RT | 6 | | | | 6 |
| 67 | 358 | 28+25.6 | 63.6 RT | 4 | | | | 4 |
| 68 | 356 | 28+27.1 | 70.6 RT | 4 | | | | 4 |
| 69 | 360 | 28+27.8 | 45.2 RT | 4 | | | | 4 |
| 70 | 355 | 28+28.1 | 80.7 RT | 5 | | | | 5 |
| 71 | 353 | 28+28.3 | 94.9 RT | 6 | | | | 6 |
| 72 | 354 | 28+34.7 | 87.2 RT | 4 | | | | 4 |
| 73 | 450 | 28+37.2 | 26.6 RT | 7 | | 7 | | |
| 74 | 363 | 28+37.6 | 64.4 RT | 5 | | | | 5 |
| 75 | 361 | 28+39.1 | 43.7 RT | 5 | | | | 5 |
| 76 | 364 | 28+40.0 | 66.1 RT | 5 | | | | 5 |
| 77 | 365 | 28+40.4 | 64.1 RT | 4 | | | | 4 |

| ITEM | TREE NO | STATION | OFFSET | DIAMETER (2018) [IN] | CLEARING | TREE REMOV 6-15 [UNIT] | TREE REMOV OVER 15 [UNIT]" | TO BE REMOVED UNDER ACREAGE [DIA] |
|------|---------|---------|----------|----------------------|----------|------------------------|----------------------------|-----------------------------------|
| 78 | 31 | 28+45.7 | 19.8 LT | 14 | | 14 | | |
| 79 | 366 | 28+46.3 | 73.6 RT | 8 | | | | 8 |
| 80 | 368 | 28+50.4 | 59.4 RT | 8 | | | | 8 |
| 81 | 367 | 28+51.0 | 71.6 RT | 6 | | | | 6 |
| 82 | 369 | 28+57.3 | 60.2 RT | 6 | | | | 6 |
| 83 | 449 | 28+57.5 | 13.3 RT | 12 | | | | 12 |
| 84 | 362 | 28+58.1 | 43.9 RT | 5 | | | | 5 |
| 85 | 448 | 28+64.0 | 3.2 LT | 10 | | | | 10 |
| 86 | 371 | 28+67.1 | 56.6 RT | 4 | | | | 4 |
| 87 | 372 | 28+68.5 | 44.8 RT | 4 | | | | 4 |
| 88 | 447 | 28+69.7 | 2.6 RT | 16 | | | | 16 |
| 89 | 370 | 28+70.3 | 75.3 RT | 7 | | | | 7 |
| 90 | 375 | 28+77.6 | 45.3 RT | 4 | | | | 4 |
| 91 | 383 | 28+80.6 | 55.7 RT | 11 | | | | 11 |
| 92 | 373 | 28+81.0 | 55.6 RT | 5 | | | | 5 |
| 93 | 374 | 28+81.4 | 47.3 RT | 4 | | | | 4 |
| 94 | 446 | 28+86.2 | 3.8 LT | 4 | | | | 4 |
| 95 | 5 | 28+95.0 | 27.5 RT | 10 | | | | 10 |
| 96 | 32 | 29+00.3 | 21.3 LT | 11 | | 11 | | |
| 97 | 306 | 29+01.0 | 94.5 RT | 4 | 4 | | | |
| 98 | 443 | 29+09.3 | 3.0 RT | 13 | | | | 13 |
| 99 | 305 | 29+16.0 | 103.1 RT | 5 | 5 | | | |
| 100 | 304 | 29+27.0 | 81.8 RT | 5 | 5 | | | |
| 101 | 438 | 29+27.1 | 15.3 RT | 4 | | | | 4 |
| 102 | 441 | 29+27.5 | 2.9 RT | 14 | | | | 14 |
| 103 | 303 | 29+29.0 | 101.0 RT | 4 | 4 | | | |
| 104 | 444 | 29+29.3 | 26.5 RT | 4 | | | | 4 |
| 105 | 440 | 29+33.7 | 4.2 RT | 16 | | | | 16 |
| 106 | 302 | 29+39.0 | 94.0 RT | 4 | 4 | | | |
| 107 | 76 | 29+48.9 | 21.8 LT | 12 | | 12 | | |
| 108 | 376 | 29+52.4 | 62.8 RT | 5 | 5 | | | |
| 109 | 398 | 29+61.1 | 16.6 RT | 10 | | 10 | | |
| 110 | 33 | 29+69.0 | 20.5 LT | 12 | | 12 | | |
| 111 | 399 | 29+75.0 | 0.2 RT | 4 | | | | 4 |
| 112 | 400 | 29+78.2 | 10.4 RT | 12 | | | | 12 |
| 113 | 439 | 29+80.3 | 2.4 RT | 12 | | | | 12 |
| 114 | 397 | 29+80.3 | 2.4 RT | 4 | | | | 4 |
| 115 | 377 | 29+82.7 | 42.5 RT | 5 | | | | 5 |
| 116 | 396 | 29+83.1 | 1.6 LT | 11 | | | | 11 |
| 117 | 436 | 29+84.1 | 21.9 RT | 6 | | | | 6 |
| 118 | 378 | 29+90.8 | 42.8 RT | 4 | | | | 4 |
| 119 | 379 | 29+96.5 | 38.5 RT | 4 | | | | 4 |
| 120 | 380 | 29+96.7 | 34.1 RT | 4 | | | | 4 |
| 121 | 395 | 30+01.2 | 1.2 LT | 4 | | | | 4 |
| 122 | 394 | 30+04.4 | 2.2 LT | 12 | | | | 12 |
| 123 | 392 | 30+05.7 | 12.6 RT | 8 | | | | 8 |
| 124 | 393 | 30+06.2 | 8.9 RT | 10 | | | | 10 |
| 125 | 301 | 30+07.1 | 76.7 RT | 4 | | | | 4 |
| 126 | 381 | 30+07.4 | 51.6 RT | 5 | | | | 5 |
| 127 | 288 | 30+08.0 | 19.0 RT | 4 | | | | 4 |
| 128 | 300 | 30+08.9 | 67.9 RT | 7 | | | | 7 |
| 129 | 382 | 30+10.0 | 55.7 RT | 4 | | | | 4 |
| 130 | 391 | 30+11.6 | 10.7 RT | 10 | | | | 10 |
| 131 | 390 | 30+13.6 | 12.4 RT | 9 | | | | 9 |
| 132 | 299 | 30+14.7 | 60.2 RT | 4 | | | | 4 |
| 133 | 287 | 30+15.2 | 35.2 RT | 4 | | | | 4 |
| 134 | 389 | 30+19.0 | 8.8 RT | 17 | | | | 17 |
| 135 | 298 | 30+19.9 | 54.4 RT | 5 | | | | 5 |
| 136 | 388 | 30+21.3 | 11.5 RT | 4 | | | | 4 |
| 137 | 387 | 30+22.1 | 15.9 RT | 4 | | | | 4 |
| 138 | 386 | 30+24.9 | 17.2 RT | 8 | | | | 8 |
| 139 | 385 | 30+25.4 | 13.3 RT | 10 | | | | 10 |
| 140 | 296 | 30+27.5 | 55.6 RT | 5 | | | | 5 |
| 141 | 276 | 30+31.8 | 21.7 RT | 6 | | | | 6 |
| 142 | 297 | 30+32.4 | 55.2 RT | 5 | | | | 5 |
| 143 | 295 | 30+33.2 | 64.9 RT | 8 | | | | 8 |
| 144 | 280 | 30+33.6 | 39.0 RT | 4 | | | | 4 |
| 145 | 294 | 30+35.7 | 51.7 RT | 4 | | | | 4 |
| 146 | 286 | 30+42.8 | 1.6 RT | 6 | | | | 6 |
| 147 | 285 | 30+42.8 | 15.1 RT | 10 | | | | 10 |
| 148 | 293 | 30+44.1 | 53.7 RT | 5 | | | | 5 |
| 149 | 292 | 30+45.6 | 57.2 RT | 4 | | | | 4 |
| 150 | 284 | 30+46.8 | 15.7 RT | 6 | | | | 6 |
| 151 | 283 | 30+47.1 | 14.1 RT | 10 | | | | 10 |
| 152 | 34 | 30+48.4 | 18.9 LT | 15 | | 15 | | |
| 153 | 248 | 30+48.4 | 88.0 RT | 4 | 4 | | | |
| 154 | 281 | 30+51.2 | 13.8 RT | 11 | | | | 11 |
| 155 | 267 | 30+51.7 | 39.4 RT | 6 | | | | 6 |

FILE NAME = D:\22880-sh-04-schedule-trees-01.dgn

| | | | |
|--|-----------------------|----------------------|-----------|
|  Engineers & Architects | USER NAME = c11ss | DESIGNED - CEO | REVISED - |
| | PLOT SCALE = 1:2 | CHECKED - JCM | REVISED - |
| | PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|---|----------------------------------|
| SCHEDULE OF QUANTITIES TREE REMOVALS | |
| SCALE: NONE | SHEET 1 OF 3 SHEETS STA. TO STA. |

| | | | | |
|---|--------------------|----------------|------------------|--------------|
| F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 23 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

| ITEM | TREE NO | STATION | OFFSET | DIAMETER (2018) [IN] | CLEARING | TREE REMOV 6-15 [UNIT] | TREE REMOV OVER 15 [UNIT]" | TO BE REMOVED UNDER ACREAGE [DIA] |
|------|---------|---------|----------|----------------------|----------|------------------------|----------------------------|-----------------------------------|
| 156 | 291 | 30+52.2 | 57.6 RT | 5 | | | | 5 |
| 157 | 265 | 30+53.7 | 22.9 RT | 6 | | | | 6 |
| 158 | 282 | 30+54.4 | 15.9 RT | 9 | | | | 9 |
| 159 | 279 | 30+55.4 | 1.7 RT | 10 | | | | 10 |
| 160 | 290 | 30+55.5 | 58.2 RT | 5 | | | | 5 |
| 161 | 289 | 30+56.9 | 56.2 RT | 5 | | | | 5 |
| 162 | 275 | 30+57.8 | 15.3 RT | 10 | | | | 10 |
| 163 | 250 | 30+58.9 | 68.7 RT | 6 | | | | 6 |
| 164 | 277 | 30+59.0 | 8.4 RT | 4 | | | | 4 |
| 165 | 278 | 30+59.2 | 2.9 RT | 5 | | | | 5 |
| 166 | 249 | 30+60.7 | 69.0 RT | 5 | | | | 5 |
| 167 | 273 | 30+61.7 | 15.0 RT | 9 | | | | 9 |
| 168 | 262 | 30+62.4 | 37.3 RT | 6 | | | | 6 |
| 169 | 35 | 30+62.5 | 21.3 LT | 19 | | | 19 | |
| 170 | 272 | 30+63.6 | 11.3 RT | 4 | | | | 4 |
| 171 | 260 | 30+63.8 | 27.0 RT | 8 | | | | 8 |
| 172 | 312 | 30+63.8 | 62.0 RT | 10 | | | | 10 |
| 173 | 271 | 30+66.7 | 1.5 RT | 10 | | | | 10 |
| 174 | 314 | 30+67.7 | 57.3 RT | 5 | | | | 5 |
| 175 | 274 | 30+70.9 | 17.8 RT | 4 | | | | 4 |
| 176 | 384 | 30+73.0 | 54.4 RT | 5 | | | | 5 |
| 177 | 437 | 30+75.9 | 48.0 RT | 10 | | | | 10 |
| 178 | 259 | 30+86.0 | 35.9 RT | 6 | | | | 6 |
| 179 | 270 | 30+87.8 | 3.9 RT | 5 | | | | 5 |
| 180 | 269 | 30+90.5 | 1.5 RT | 8 | | | | 8 |
| 181 | 268 | 30+92.9 | 13.5 RT | 12 | | | | 12 |
| 182 | 36 | 30+98.9 | 21.7 LT | 18 | | | 18 | |
| 183 | 264 | 30+99.9 | 14.0 RT | 6 | | | | 6 |
| 184 | 442 | 31+00.5 | 52.5 RT | 8 | | | | 8 |
| 185 | 258 | 31+00.6 | 31.2 RT | 8 | | | | 8 |
| 186 | 263 | 31+01.3 | 12.7 RT | 8 | | | | 8 |
| 187 | 266 | 31+01.5 | 58.9 RT | 4 | | | | 4 |
| 188 | 257 | 31+04.8 | 13.7 RT | 17 | | | | 17 |
| 189 | 241 | 31+05.6 | 36.8 RT | 8 | | | | 8 |
| 190 | 252 | 31+12.8 | 58.8 RT | 5 | | | | 5 |
| 191 | 251 | 31+15.1 | 55.8 RT | 4 | | | | 4 |
| 192 | 255 | 31+26.0 | 4.2 RT | 6 | | | | 6 |
| 193 | 256 | 31+30.6 | 19.4 RT | 8 | | | | 8 |
| 194 | 254 | 31+35.7 | 17.5 RT | 4 | | | | 4 |
| 195 | 253 | 31+35.7 | 19.9 RT | 8 | | | | 8 |
| 196 | 247 | 31+41.3 | 7.7 RT | 15 | | | | 15 |
| 197 | 238 | 31+41.3 | 40.1 RT | 4 | | | | 4 |
| 198 | 246 | 31+45.0 | 1.1 RT | 13 | | | | 13 |
| 199 | 242 | 31+47.9 | 4.4 RT | 7 | | | | 7 |
| 200 | 243 | 31+52.6 | 0.3 RT | 16 | | | | 16 |
| 201 | 240 | 31+56.1 | 16.4 RT | 9 | | | | 9 |
| 202 | 244 | 31+57.9 | 5.0 RT | 11 | | | | 11 |
| 203 | 60 | 31+59.8 | 18.8 LT | 16 | | | 16 | |
| 204 | 239 | 31+60.9 | 36.3 RT | 12 | | | | 12 |
| 205 | 63 | 31+63.3 | 101.9 RT | 6 | | | | 6 |
| 206 | 245 | 31+65.7 | 4.7 RT | 6 | | | | 6 |
| 207 | 236 | 31+65.7 | 39.8 RT | 4 | | | | 4 |
| 208 | 220 | 31+68.8 | 44.7 RT | 10 | | | | 10 |
| 209 | 219 | 31+71.2 | 44.7 RT | 4 | | | | 4 |
| 210 | 237 | 31+71.2 | 38.7 RT | 4 | | | | 4 |
| 211 | 233 | 31+73.2 | 49.7 RT | 6 | | | | 6 |
| 212 | 235 | 31+74.0 | 29.3 RT | 10 | | | | 10 |
| 213 | 230 | 31+74.6 | 3.0 RT | 6 | | | | 6 |
| 214 | 212 | 31+75.2 | 64.3 RT | 4 | | | | 4 |
| 215 | 221 | 31+76.1 | 38.3 RT | 8 | | | | 8 |
| 216 | 211 | 31+76.8 | 65.9 RT | 8 | | | | 8 |
| 217 | 229 | 31+77.1 | 0.5 LT | 9 | | | | 9 |
| 218 | 234 | 31+78.7 | 22.7 RT | 9 | | | | 9 |
| 219 | 445 | 31+78.7 | 11.5 RT | 4 | | | | 4 |
| 220 | 217 | 31+78.8 | 59.9 RT | 11 | | | | 11 |
| 221 | 218 | 31+78.9 | 44.7 RT | 11 | | | | 11 |
| 222 | 228 | 31+79.6 | 1.4 LT | 9 | | | | 9 |
| 223 | 231 | 31+80.3 | 31.9 RT | 5 | | | | 5 |
| 224 | 452 | 31+82.7 | 15.7 RT | 4 | | | | 4 |
| 225 | 232 | 31+83.1 | 29.5 RT | 7 | | | | 7 |
| 226 | 225 | 31+83.1 | 32.6 RT | 4 | | | | 4 |
| 227 | 226 | 31+83.4 | 26.2 RT | 4 | | | | 4 |
| 228 | 216 | 31+84.5 | 60.9 RT | 8 | | | | 8 |
| 229 | 215 | 31+84.8 | 40.8 RT | 5 | | | | 5 |
| 230 | 210 | 31+85.8 | 67.6 RT | 4 | | | | 4 |
| 231 | 222 | 31+87.2 | 35.9 RT | 6 | | | | 6 |
| 232 | 224 | 31+87.3 | 48.6 RT | 5 | | | | 5 |
| 233 | 16 | 31+89.3 | 118.8 RT | 4 | | | | 4 |

| ITEM | TREE NO | STATION | OFFSET | DIAMETER (2018) [IN] | CLEARING | TREE REMOV 6-15 [UNIT] | TREE REMOV OVER 15 [UNIT]" | TO BE REMOVED UNDER ACREAGE [DIA] |
|------|---------|---------|----------|----------------------|----------|------------------------|----------------------------|-----------------------------------|
| 234 | 64 | 31+89.8 | 78.1 RT | 6 | | | | 6 |
| 235 | 214 | 31+90.8 | 61.8 RT | 7 | | | | 7 |
| 236 | 20 | 31+92.0 | 110.8 RT | 11 | | | | 11 |
| 237 | 67 | 31+92.4 | 86.8 RT | 11 | | | | 11 |
| 238 | 213 | 31+92.7 | 66.2 RT | 4 | | | | 4 |
| 239 | 223 | 31+93.0 | 44.4 RT | 7 | | | | 7 |
| 240 | 49 | 31+93.8 | 97.9 RT | 4 | | | | 4 |
| 241 | 227 | 31+94.2 | 21.4 RT | 7 | | | | 7 |
| 242 | 40 | 31+94.4 | 100.5 RT | 10 | | | | 10 |
| 243 | 23 | 31+96.2 | 106.2 RT | 10 | | | | 10 |
| 244 | 37 | 32+20.2 | 2.9 LT | 12 | | | | 12 |
| 245 | 39 | 32+24.2 | 18.5 RT | 8 | | | | 8 |
| 246 | 43 | 32+26.3 | 30.8 RT | 4 | | | | 4 |
| 247 | 38 | 32+27.1 | 3.6 RT | 9 | | | | 9 |
| 248 | 41 | 32+28.0 | 14.8 RT | 4 | | | | 4 |
| 249 | 51 | 32+28.2 | 85.3 RT | 9 | | | | 9 |
| 250 | 44 | 32+29.4 | 37.1 RT | 4 | | | | 4 |
| 251 | 42 | 32+31.9 | 23.6 RT | 17 | | | | 17 |
| 252 | 46 | 32+34.7 | 54.4 RT | 18 | | | | 18 |
| 253 | 50 | 32+34.8 | 82.4 RT | 8 | | | | 8 |
| 254 | 65 | 32+35.7 | 0.8 RT | 11 | | | | 11 |
| 255 | 69 | 32+36.7 | 7.7 LT | 14 | | | | 14 |
| 256 | 66 | 32+40.1 | 1.9 RT | 4 | | | | 4 |
| 257 | 53 | 32+40.6 | 103.9 RT | 5 | | | | 5 |
| 258 | 48 | 32+41.5 | 80.3 RT | 12 | | | | 12 |
| 259 | 45 | 32+41.5 | 51.9 RT | 4 | | | | 4 |
| 260 | 47 | 32+42.1 | 72.7 RT | 4 | | | | 4 |
| 261 | 71 | 32+43.1 | 2.5 LT | 4 | | | | 4 |
| 262 | 52 | 32+44.2 | 94.9 RT | 4 | | | | 4 |
| 263 | 59 | 32+45.8 | 46.6 RT | 22 | | | | 22 |
| 264 | 6 | 32+45.9 | 86.0 LT | 8 | | 8 | | |
| 265 | 54 | 32+47.4 | 88.8 RT | 22 | | | | 22 |
| 266 | 61 | 32+48.5 | 24.4 RT | 4 | | | | 4 |
| 267 | 56 | 32+48.7 | 68.6 RT | 5 | | | | 5 |
| 268 | 11 | 32+49.2 | 8.0 RT | 4 | | | | 4 |
| 269 | 55 | 32+54.5 | 93.0 RT | 5 | | | | 5 |
| 270 | 62 | 32+57.7 | 23.0 RT | 21 | | | | 21 |
| 271 | 58 | 32+58.5 | 46.1 RT | 4 | | | | 4 |
| 272 | 57 | 32+60.5 | 60.1 RT | 4 | | | | 4 |
| 273 | 72 | 32+60.7 | 5.4 LT | 20 | | | 20 | |
| 274 | 74 | 32+68.2 | 14.8 RT | 5 | | | | 5 |
| 275 | 70 | 32+71.2 | 22.0 RT | 4 | | | | 4 |
| 276 | 73 | 32+76.4 | 6.6 RT | 7 | | 7 | | |
| 277 | 75 | 32+81.2 | 23.3 RT | 9 | | | | 9 |
| 278 | 68 | 32+82.4 | 8.5 LT | 4 | 4 | | | |
| 279 | 81 | 32+85.3 | 31.7 RT | 24 | | | | 24 |
| 280 | 77 | 32+90.1 | 9.7 LT | 14 | | 14 | | |
| 281 | 80 | 32+92.4 | 26.8 RT | 24 | | | | 24 |
| 282 | 79 | 32+95.5 | 33.5 RT | 15 | | | | 15 |
| 283 | 86 | 32+95.8 | 17.8 RT | 4 | | | | 4 |
| 284 | 78 | 32+96.9 | 40.0 RT | 8 | | | | 8 |
| 285 | 201 | 33+05.6 | 27.7 RT | 7 | | | | 7 |
| 286 | 197 | 33+05.8 | 28.2 RT | 15 | | | | 15 |
| 287 | 202 | 33+12.6 | 6.6 LT | 8 | | 8 | | |
| 288 | 154 | 33+18.8 | 19.6 RT | 6 | | | | 6 |
| 289 | 152 | 33+19.6 | 38.5 RT | 6 | | | | 6 |
| 290 | 136 | 33+26.0 | 31.9 RT | 5 | | | | 5 |
| 291 | 134 | 33+44.9 | 48.3 RT | 6 | | | | 6 |
| 292 | 82 | 33+45.7 | 4.1 LT | 9 | | 9 | | |
| 293 | 83 | 33+48.4 | 22.0 RT | 24 | | | | 24 |
| 294 | 137 | 33+51.6 | 8.4 LT | 11 | | 11 | | |
| 295 | 84 | 33+58.4 | 27.7 RT | 10 | | | | 10 |
| 296 | 87 | 33+61.9 | 38.3 RT | 5 | | | | 5 |
| 297 | 85 | 33+65.0 | 20.8 RT | 9 | | | | 9 |
| 298 | 88 | 33+65.2 | 44.7 RT | 4 | | | | 4 |
| 299 | 99 | 33+69.3 | 21.6 RT | 5 | | | | 5 |
| 300 | 89 | 33+72.5 | 53.3 RT | 7 | | | | 7 |
| 301 | 149 | 33+76.8 | 25.2 RT | 8 | | | | 8 |
| 302 | 95 | 33+77.6 | 3.7 LT | 8 | | 8 | | |
| 303 | 90 | 33+79.8 | 71.5 RT | 8 | | | | 8 |
| 304 | 148 | 33+79.9 | 8.5 LT | 9 | | 9 | | |
| 305 | 91 | 33+84.8 | 77.9 RT | 5 | | | | 5 |
| 306 | 150 | 33+85.5 | 17.9 RT | 7 | | | | 7 |
| 307 | 147 | 33+86.4 | 26.8 RT | 5 | | | | 5 |
| 308 | 145 | 33+95.7 | 26.9 RT | 5 | | | | 5 |
| 309 | 143 | 33+97.1 | 41.9 RT | 5 | | | | 5 |
| 310 | 142 | 33+98.3 | 46.6 RT | 5 | | | | 5 |
| 311 | 144 | 33+99.8 | 38.4 RT | 5 | | | | 5 |

FILE NAME = D:\22480-sh-t-05-schedule-trees-02.dgn



| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEO | REVISED - |
| PLOT SCALE = 1:2 | DRAWN - CEO | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
TREE REMOVALS**

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

| | | | | |
|--------------------|------------|---------|---|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 24 |
| CONTRACT NO. 62A80 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |

| ITEM | TREE NO | STATION | OFFSET | DIAMETER (2018) [IN] | CLEARING | TREE REMOV 6-15 [UNIT] | TREE REMOV OVER 15 [UNIT]" | TO BE REMOVED UNDER ACREAGE [DIA] |
|------|---------|---------|----------|----------------------|----------|------------------------|----------------------------|-----------------------------------|
| 312 | 146 | 34+00.0 | 25.2 RT | 6 | | | | 6 |
| 313 | 140 | 34+06.4 | 55.7 RT | 5 | | | | 5 |
| 314 | 151 | 34+06.6 | 10.7 RT | 6 | | 6 | | |
| 315 | 141 | 34+08.1 | 52.7 RT | 5 | | | | 5 |
| 316 | 138 | 34+08.5 | 66.3 RT | 7 | | | | 7 |
| 317 | 139 | 34+10.3 | 64.6 RT | 6 | | | | 6 |
| 318 | 133 | 34+12.6 | 76.5 RT | 4 | | | | 4 |
| 319 | 135 | 34+13.0 | 69.6 RT | 7 | | | | 7 |
| 320 | 153 | 34+13.1 | 9.2 RT | 5 | 5 | | | |
| 321 | 131 | 34+13.8 | 74.6 RT | 7 | | | | 7 |
| 322 | 132 | 34+13.9 | 72.6 RT | 7 | | | | 7 |
| 323 | 128 | 34+16.1 | 82.9 RT | 6 | | | | 6 |
| 324 | 155 | 34+16.7 | 8.3 RT | 4 | 4 | | | |
| 325 | 156 | 34+18.0 | 10.0 LT | 11 | | 11 | | |
| 326 | 129 | 34+19.4 | 80.7 RT | 7 | | | | 7 |
| 327 | 130 | 34+22.6 | 76.5 RT | 5 | | | | 5 |
| 328 | 157 | 34+31.9 | 0.6 LT | 7 | | 7 | | |
| 329 | 127 | 34+46.0 | 106.3 RT | 7 | | | | |
| 330 | 126 | 34+47.7 | 109.2 RT | 5 | | | | |
| 331 | 125 | 34+50.2 | 110.2 RT | 8 | | | | |
| 332 | 123 | 34+55.1 | 116.1 RT | 8 | | | | |
| 333 | 158 | 34+57.1 | 8.5 LT | 14 | | 14 | | |
| 334 | 124 | 34+58.7 | 110.7 RT | 8 | | | | |
| 335 | 122 | 34+59.4 | 120.9 RT | 4 | | | | |
| 336 | 121 | 34+62.6 | 121.9 RT | 6 | | | | |
| 337 | 159 | 34+64.3 | 9.9 LT | 12 | | 12 | | |
| 338 | 120 | 34+65.1 | 125.4 RT | 5 | | | | |
| 339 | 118 | 34+68.2 | 127.9 RT | 9 | | | | |
| 340 | 117 | 34+69.1 | 130.8 RT | 5 | | | | |
| 341 | 160 | 34+69.2 | 7.0 LT | 11 | | 11 | | |
| 342 | 116 | 34+70.1 | 133.5 RT | 5 | | | | |
| 343 | 119 | 34+70.3 | 127.0 RT | 5 | | | | |
| 344 | 115 | 34+74.3 | 133.5 RT | 5 | | | | |
| 345 | 114 | 34+76.8 | 133.3 RT | 5 | | | | |
| 346 | 113 | 34+78.4 | 134.3 RT | 8 | | | | |
| 347 | 111 | 34+82.1 | 141.2 RT | 6 | | | | |
| 348 | 110 | 34+82.4 | 143.3 RT | 5 | | | | |
| 349 | 161 | 34+82.8 | 10.2 LT | 5 | 5 | | | |
| 350 | 112 | 34+83.6 | 140.1 RT | 8 | | | | |
| 351 | 109 | 34+86.0 | 144.3 RT | 6 | | | | |
| 352 | 108 | 34+87.7 | 152.6 RT | 6 | | | | |
| 353 | 107 | 34+93.3 | 152.1 RT | 7 | | | | |
| 354 | 106 | 35+17.7 | 189.6 RT | 4 | | | | |
| 355 | 105 | 35+18.9 | 197.5 RT | 6 | | | | |
| 356 | 103 | 35+20.9 | 203.3 RT | 6 | | | | |
| 357 | 104 | 35+23.0 | 201.6 RT | 7 | | | | |
| 358 | 102 | 35+24.2 | 205.4 RT | 8 | | | | |
| 359 | 100 | 35+26.3 | 216.2 RT | 4 | | | | |
| 360 | 98 | 35+28.8 | 216.7 RT | 5 | | | | |
| 361 | 101 | 35+29.3 | 212.4 RT | 5 | | | | |
| 362 | 97 | 35+32.5 | 221.9 RT | 8 | | | | |
| 363 | 96 | 35+36.2 | 229.0 RT | 10 | | | | |
| 364 | 93 | 35+42.1 | 244.4 RT | 6 | | | | |
| 365 | 94 | 35+42.7 | 242.0 RT | 4 | | | | |
| 366 | 92 | 35+44.3 | 243.7 RT | 6 | | | | |
| 367 | 162 | 35+86.1 | 2.9 LT | 5 | 5 | | | |
| 368 | 163 | 36+20.9 | 8.2 RT | 10 | | 10 | | |
| 369 | 4 | 38+38.5 | 71.3 LT | 14 | | | | |
| 370 | 435 | 38+41.4 | 71.2 LT | 11 | | | | |
| 371 | 164 | 38+54.9 | 20.6 RT | 4 | 4 | | | |
| 372 | 165 | 38+80.7 | 21.8 RT | 11 | | 11 | | |
| 373 | 3 | 38+91.9 | 56.8 LT | 8 | | 8 | | |
| 374 | 433 | 39+31.5 | 60.3 LT | 7 | | | | |
| 375 | 432 | 39+39.6 | 55.6 LT | 12 | | | | |
| 376 | 167 | 39+47.2 | 40.5 RT | 9 | | 9 | | |
| 377 | 166 | 39+52.9 | 30.4 RT | 11 | | 11 | | |
| 378 | 431 | 39+59.1 | 56.2 LT | 14 | | | | |
| 379 | 168 | 39+66.2 | 34.0 RT | 14 | | 14 | | |
| 380 | 430 | 39+88.4 | 52.3 LT | 10 | | | | |
| 381 | 169 | 39+99.6 | 34.7 RT | 15 | | 15 | | |
| 382 | 429 | 40+14.9 | 48.8 LT | 10 | | | | |
| 383 | 428 | 40+28.9 | 50.8 LT | 6 | | | | |
| 384 | 170 | 40+41.5 | 51.1 RT | 5 | 5 | | | |
| 385 | 427 | 40+47.5 | 48.0 LT | 6 | | | | |
| 386 | 171 | 40+52.7 | 52.1 RT | 5 | 5 | | | |
| 387 | 426 | 40+64.1 | 47.5 LT | 8 | | | | |
| 388 | 172 | 40+91.3 | 55.6 RT | 9 | | 9 | | |
| 389 | 173 | 41+39.3 | 42.5 RT | 13 | | 13 | | |

| ITEM | TREE NO | STATION | OFFSET | DIAMETER (2018) [IN] | CLEARING | TREE REMOV 6-15 [UNIT] | TREE REMOV OVER 15 [UNIT]" | TO BE REMOVED UNDER ACREAGE [DIA] |
|------|---------|---------|----------|----------------------|----------|------------------------|----------------------------|-----------------------------------|
| 390 | 174 | 41+80.6 | 44.1 RT | 5 | 5 | | | |
| 391 | 2 | 41+99.0 | 35.2 LT | 18 | | | 18 | |
| 392 | 175 | 42+01.0 | 46.3 RT | 8 | | 8 | | |
| 393 | 176 | 42+14.8 | 56.2 RT | 10 | | 10 | | |
| 394 | 177 | 42+24.1 | 57.6 RT | 5 | 5 | | | |
| 395 | 1 | 42+40.1 | 40.7 LT | 15 | | | | |
| 396 | 178 | 42+42.6 | 54.3 RT | 5 | 5 | | | |
| 397 | 179 | 42+45.2 | 52.2 RT | 6 | | 6 | | |
| 398 | 182 | 42+68.0 | 483.2 RT | 8 | | | | |
| 399 | 181 | 42+68.1 | 527.1 RT | 5 | | | | |
| 400 | 200 | 43+04.0 | 143.5 RT | 7 | | 7 | | |
| 401 | 199 | 43+04.5 | 163.3 RT | 6 | | 6 | | |
| 402 | 183 | 43+07.6 | 458.5 RT | 7 | | 7 | | |
| 403 | 194 | 43+08.1 | 139.6 RT | 6 | | 6 | | |
| 404 | 193 | 43+11.0 | 121.5 RT | 7 | | 7 | | |
| 405 | 180 | 43+11.0 | 59.3 RT | 6 | | 6 | | |
| 406 | 192 | 43+11.6 | 119.2 RT | 11 | | 11 | | |
| 407 | 188 | 43+12.0 | 194.3 RT | 5 | 5 | | | |
| 408 | 191 | 43+14.7 | 96.9 RT | 7 | | 7 | | |
| 409 | 187 | 43+15.2 | 395.1 RT | 9 | | 9 | | |
| 410 | 198 | 43+18.1 | 132.0 RT | 13 | | 13 | | |
| 411 | 196 | 43+18.8 | 95.8 RT | 13 | | 13 | | |
| 412 | 190 | 43+22.3 | 153.4 RT | 6 | | 6 | | |
| 413 | 189 | 43+22.6 | 161.7 RT | 4 | 4 | | | |
| 414 | 185 | 43+27.0 | 417.3 RT | 8 | | | | |
| 415 | 186 | 43+29.9 | 417.3 RT | 7 | | | | |
| | | | | TOTAL | 126 | 600 | 136 | 1848 |

FILE NAME = D:\22A80-sh-t-05-schedule-trees-03.dgn

| | | | |
|--|-----------------------|----------------------|-----------|
| | USER NAME = c1iss | DESIGNED - CEO | REVISED - |
| | | DRAWN - CEO | REVISED - |
| | PLOT SCALE = 1:2 | CHECKED - JCM | REVISED - |
| | PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|--------------|-------------|---------|
| SCHEDULE OF QUANTITIES TREE REMOVALS | | | |
| SCALE: NONE | SHEET 3 OF 3 | SHEETS STA. | TO STA. |

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 25 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

| ITEM | TREE NO | STATION | OFFSET | DIAMETER (2016) (IN) | TREE TRUNK PROTECTION [EACH]* | TREE ROOT PRUNING [EACH] | TREE PRUNING 1-10 [EACH] | TREE PRUNING OVER 10 [EACH] | NITROGEN FERT NUTR [POUND] | PHOSPHORUS FERT NUTR [POUND] | POTASSIUM FERT NUTR [POUND] | SUPPLE WATERING [UNIT] |
|------|---------|---------|----------|----------------------|-------------------------------|--------------------------|--------------------------|-----------------------------|----------------------------|------------------------------|-----------------------------|------------------------|
| 1 | 309 | 27+49.3 | 124.4 RT | 7 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 2 | 311 | 27+50.6 | 113.2 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 3 | 308 | 27+50.9 | 128.9 RT | 13 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 4 | 310 | 27+53.8 | 115.5 RT | 10 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 5 | 313 | 27+57.5 | 110.4 RT | 12 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 6 | 315 | 27+85.6 | 114.0 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 7 | 316 | 27+89.5 | 124.4 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 8 | 63 | 31+63.3 | 101.9 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 9 | 16 | 31+89.3 | 118.8 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 10 | 20 | 31+92.0 | 110.8 RT | 11 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 11 | 53 | 32+40.6 | 103.9 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 12 | 52 | 32+44.2 | 94.9 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 13 | 55 | 32+54.5 | 93.0 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 14 | 127 | 34+46.0 | 106.3 RT | 7 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 15 | 126 | 34+47.7 | 109.2 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 16 | 125 | 34+50.2 | 110.2 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 17 | 123 | 34+55.1 | 116.1 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 18 | 124 | 34+58.7 | 110.7 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 19 | 122 | 34+59.4 | 120.9 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 20 | 121 | 34+62.6 | 121.9 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 21 | 120 | 34+65.1 | 125.4 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 22 | 118 | 34+68.2 | 127.9 RT | 9 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 23 | 117 | 34+69.1 | 130.8 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 24 | 116 | 34+70.1 | 133.5 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 25 | 119 | 34+70.3 | 127.0 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 26 | 115 | 34+74.3 | 133.5 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 27 | 114 | 34+76.8 | 133.3 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 28 | 113 | 34+78.4 | 134.3 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 29 | 111 | 34+82.1 | 141.2 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 30 | 110 | 34+82.4 | 143.3 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 31 | 112 | 34+83.6 | 140.1 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 32 | 109 | 34+86.0 | 144.3 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 33 | 108 | 34+87.7 | 152.6 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 34 | 107 | 34+93.3 | 152.1 RT | 7 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 35 | 106 | 35+17.7 | 189.6 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 36 | 105 | 35+18.9 | 197.5 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 37 | 103 | 35+20.9 | 203.3 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 38 | 104 | 35+23.0 | 201.6 RT | 7 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 39 | 102 | 35+24.2 | 205.4 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 40 | 100 | 35+26.3 | 216.2 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 41 | 98 | 35+28.8 | 216.7 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 42 | 101 | 35+29.3 | 212.4 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 43 | 97 | 35+32.5 | 221.9 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 44 | 96 | 35+36.2 | 229.0 RT | 10 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 45 | 93 | 35+42.1 | 244.4 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 46 | 94 | 35+42.7 | 242.0 RT | 4 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 47 | 92 | 35+44.3 | 243.7 RT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 48 | 4 | 38+38.5 | 71.3 LT | 14 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 49 | 435 | 38+41.4 | 71.2 LT | 11 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 50 | 433 | 39+31.5 | 60.3 LT | 7 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 51 | 432 | 39+39.6 | 55.6 LT | 12 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 52 | 431 | 39+59.1 | 56.2 LT | 14 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 53 | 430 | 39+88.4 | 52.3 LT | 10 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 54 | 429 | 40+14.9 | 48.8 LT | 10 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 55 | 428 | 40+28.9 | 50.8 LT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 56 | 427 | 40+47.5 | 48.0 LT | 6 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 57 | 426 | 40+64.1 | 47.5 LT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 58 | 1 | 42+40.1 | 40.7 LT | 15 | 1 | 1 | | 1 | 0.2 | 0.2 | 0.2 | 0.2278 |
| 59 | 182 | 42+68.0 | 483.2 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 60 | 181 | 42+68.1 | 527.1 RT | 5 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 61 | 185 | 43+27.0 | 417.3 RT | 8 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| 62 | 186 | 43+29.9 | 417.3 RT | 7 | 1 | 1 | 1 | | 0.2 | 0.2 | 0.2 | 0.2278 |
| | | | | TOTAL | 62 | 62 | 54 | 8 | 12.4 | 12.4 | 12.4 | 14.1 |
| | | | | SAY | 62 | 62 | 54 | 8 | 13 | 13 | 13 | 14.1 |

FILE NAME : D:\22480-sh-06-schedule-tree core.01.dgn

KNIGHT
Engineers & Architects

| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEO | REVISED - |
| PLOT SCALE = 1:2 | DRAWN - CEO | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
CARE OF EXISTING PLANT MATERIAL**

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

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 26 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

| AGGREGATE SHOULDERS, TYPE B 10' | | | |
|----------------------------------|------------|----------|-------------|
| FROM STATION | TO STATION | L/R/T/CT | QUANTITY |
| | | | SQ YD |
| IL 47 | | | |
| 30+09 | 31+37 | LT | 49 |
| 27+59 | 31+37 | RT | 110 |
| 32+83 | 35+23 | LT | 81 |
| 32+83 | 34+85 | RT | 114 |
| RESTORE EXISTING SHOULDER | | | |
| 11+50 | 17+94 | LT | 442 |
| 18+33 | 19+71 | LT | 101 |
| 45+75 | 50+30 | LT | 493 |
| 09+50 | 18+15 | RT | 771 |
| 18+62 | 19+71 | RT | 74 |
| 43+48 | 51+90 | RT | 636 |
| TOTAL | | | 2871 |

| GUARDRAIL REMOVAL | | | |
|-------------------|------------|----------|------------|
| FROM STATION | TO STATION | L/R/T/CT | QUANTITY |
| | | | FOOT |
| IL 47 | | | |
| 30+83 | 31+95 | 78 LT | 112 |
| 30+83 | 31+95 | 31 LT | 112 |
| 32+33 | 33+59 | 77 LT | 127 |
| 32+35 | 34+84 | 30 LT | 249 |
| TOTAL | | | 600 |

| SUBBASE GRANULAR MATERIAL, TYPE B 4' | | | |
|--------------------------------------|------------|----------|-------------|
| FROM STATION | TO STATION | L/R/T/CT | QUANTITY |
| | | | SQ YD |
| ENTRANCES | | | |
| 21+04 | | RT | 52 |
| 42+97 | | RT | 25 |
| TEMPORARY PAVEMENT | | | |
| 009+81 | 018+13 | RT | 830 |
| 018+75 | 051+64 | RT | 3225 |
| 011+74 | 017+92 | LT | 875 |
| 018+19 | 028+34 | LT | 2042 |
| 035+34 | 043+36 | LT | 1457 |
| 043+92 | 049+66 | LT | 865 |
| TOTAL | | | 9371 |

| TEMPORARY CONCRETE BARRIER SCHEDULE | | | | | | | |
|-------------------------------------|--------------|-------------|------------|-----------|----------------------------|-------------------------------------|-----------------------------------|
| CHAIN | FROM STATION | FROM OFFSET | TO STATION | TO OFFSET | TEMPORARY CONCRETE BARRIER | RELOCATE TEMPORARY CONCRETE BARRIER | FINING TEMPORARY CONCRETE BARRIER |
| | STATION | OFFSET | STATION | OFFSET | FOOT | FOOT | EACH |
| STAGE 1 | | | | | | | |
| IL 47 | 18+96 | 6 LT | 42+90 | 6 LT | 2400 | | 570 |
| STAGE TOTAL | | | | | 2400 | 0 | 570 |
| STAGE 2 | | | | | | | |
| IL 47 | 20+40 | 34 LT | 25+10 | 52 LT | | 475 | 108 |
| IL 47 | 20+09 | 6 LT | 36+61 | 35 LT | | 1650 | 380 |
| IL 47 | 39+40 | 44 LT | 43+10 | 32 LT | 375 | | 84 |
| STAGE TOTAL | | | | | 375 | 2125 | 582 |
| STAGE 3 | | | | | | | |
| IL 47 | 19+00 | 17 LT | 24+19 | 15 LT | | 525 | 120 |
| IL 47 | 38+53 | 24 LT | 44+33 | 6 LT | | 587.5 | 135 |
| IL 47 | 40+28 | 36 LT | 43+11 | 33 LT | | 300 | 65 |
| STAGE TOTAL | | | | | 0 | 1412.5 | 321 |
| STAGE 4 | | | | | | | |
| IL 47 | 29+00 | 20 LT | 37+00 | 22 LT | | 800 | 186 |
| STAGE TOTAL | | | | | 0 | 800 | 186 |
| TOTAL | | | | | 2775 | 4337.5 | 1659 |

| TEMPORARY ATTENUATOR SCHEDULE | | | | |
|-------------------------------|---------|--------|---|--|
| CHAIN | STATION | OFFSET | IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3 |
| | | | EACH | EACH |
| STAGE 1 | | | | |
| IL 47 | 18+96 | 6 LT | 1 | |
| IL 47 | 42+90 | 6 LT | 1 | |
| STAGE TOTAL | | | 2 | 0 |
| STAGE 2 | | | | |
| IL 47 | 20+09 | 6 LT | 1 | |
| IL 47 | 20+40 | 34 LT | 1 | |
| IL 47 | 25+10 | 52 LT | 1 | |
| IL 47 | 36+61 | 35 LT | 1 | |
| IL 47 | 39+40 | 44 LT | | 1 |
| IL 47 | 43+10 | 32 LT | | 1 |
| STAGE TOTAL | | | 4 | 2 |
| STAGE 3 | | | | |
| IL 47 | 24+19 | 16 LT | | 1 |
| IL 47 | 44+33 | 7 LT | | 1 |
| STAGE TOTAL | | | 0 | 2 |
| STAGE 4 | | | | |
| IL 47 | 29+00 | 20 LT | | 1 |
| IL 47 | 37+00 | 22 LT | | 1 |
| STAGE TOTAL | | | 0 | 2 |
| TOTAL | | | 6 | 6 |

FILE NAME : D:\22A80-sh-07-schedule-essor-ecol.dgn



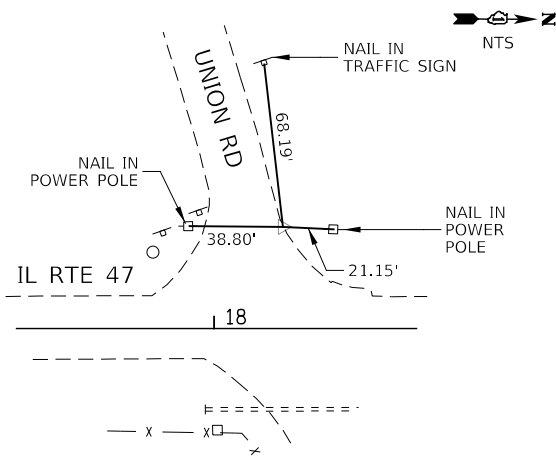
| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - WEV | REVISED - |
| | DRAWN - WEV | REVISED - |
| PLOT SCALE = 1:24 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

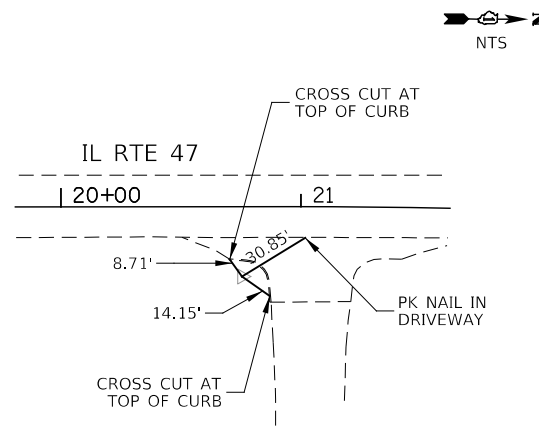
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 27 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



CONTROL POINT 80

MAG NAIL IN PAVEMENT ON NORTHWEST CORNER OF IL RTE 47 AND UNION ROAD-FOSTER RD.

STA 18+28.6 O/S 42.3 LT
 N: 2024947.61
 E: 960060.15
 ELEV. = 859.90



CONTROL POINT 25

SPIKE IN LAWN NORTH OF IL ROUTE 47 AND UNION RD-FOSTER ROAD. EAST OF IL RTE 47.

STA 20+75.4 O/S 29.1 RT
 N: 2025194.63
 E: 960130.74
 ELEV. = 860.44

GEOMETRIC DATA

IL RTE 47
 PR CURVE 3
 PI STA = 22+78.52
 $\Delta = 6^\circ 07' 18''$ (RT)
 $D = 1^\circ 41' 07''$
 $R = 3,400.00'$
 $T = 181.81'$
 $L = 363.27'$
 $E = 4.86'$
 $e =$
 $TR =$
 SE RUN =
 PC STA = 20+96.71
 PT STA = 24+59.98

BENCHMARK 1

EL 862.46

USGS DISK "DM014" ON TOP OF NORTHEAST BRIDGE WING WALL

BENCHMARK 2

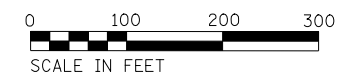
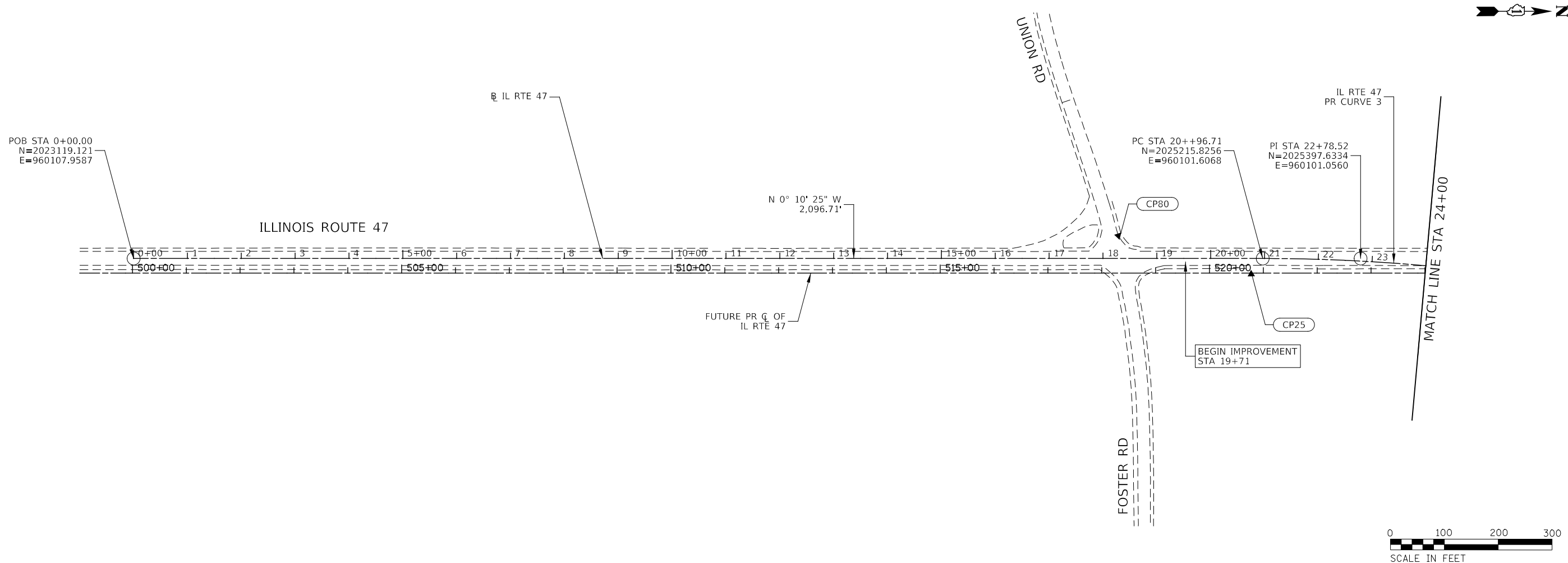
EL 864.06

TOP OF ROW MARKER 500' NORTH OF THE CREEK EAST SIDE OF IL ROUTE 47

BENCHMARK 227

EL 887.25

PK NAIL IN MOST NORTHERN FENCE POST TOP ON EAST SIDE OF IL ROUTE 47, ±150' NORTH OF HAWTHORNE WAY.



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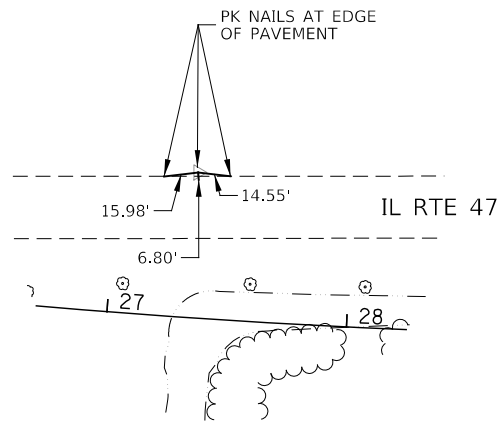
| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - DGB | REVISED - |
| DRAWN - DGB | REVISIONS - | |
| PLOT SCALE = 1:200 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 IL ROUTE 47**

SCALE: 1" = 100' SHEET 1 OF 3 SHEETS STA. 0+00 TO STA. 24+00

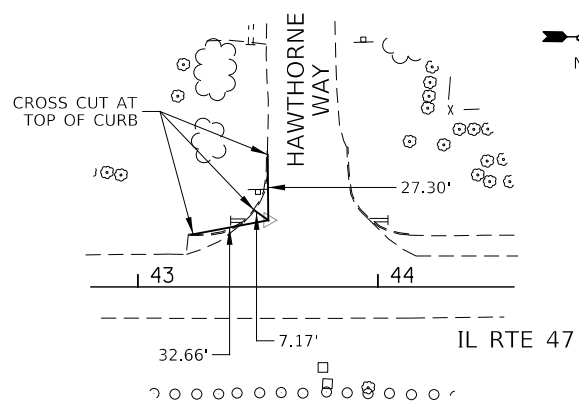
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 28 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



CONTROL POINT 26

SPIKE IN GRAVEL SHOULDER
WEST SIDE OF IL ROUTE 47.

STA 27+33.7 O/S 65.7 LT
N: 2025855.19
E: 960080.24
ELEV. = 860.86



CONTROL POINT 28

PK NAIL IN PAVEMENT ON
SOUTHWEST CORNER OF
HAWTHORNE WAY AND IL ROUTE 47.

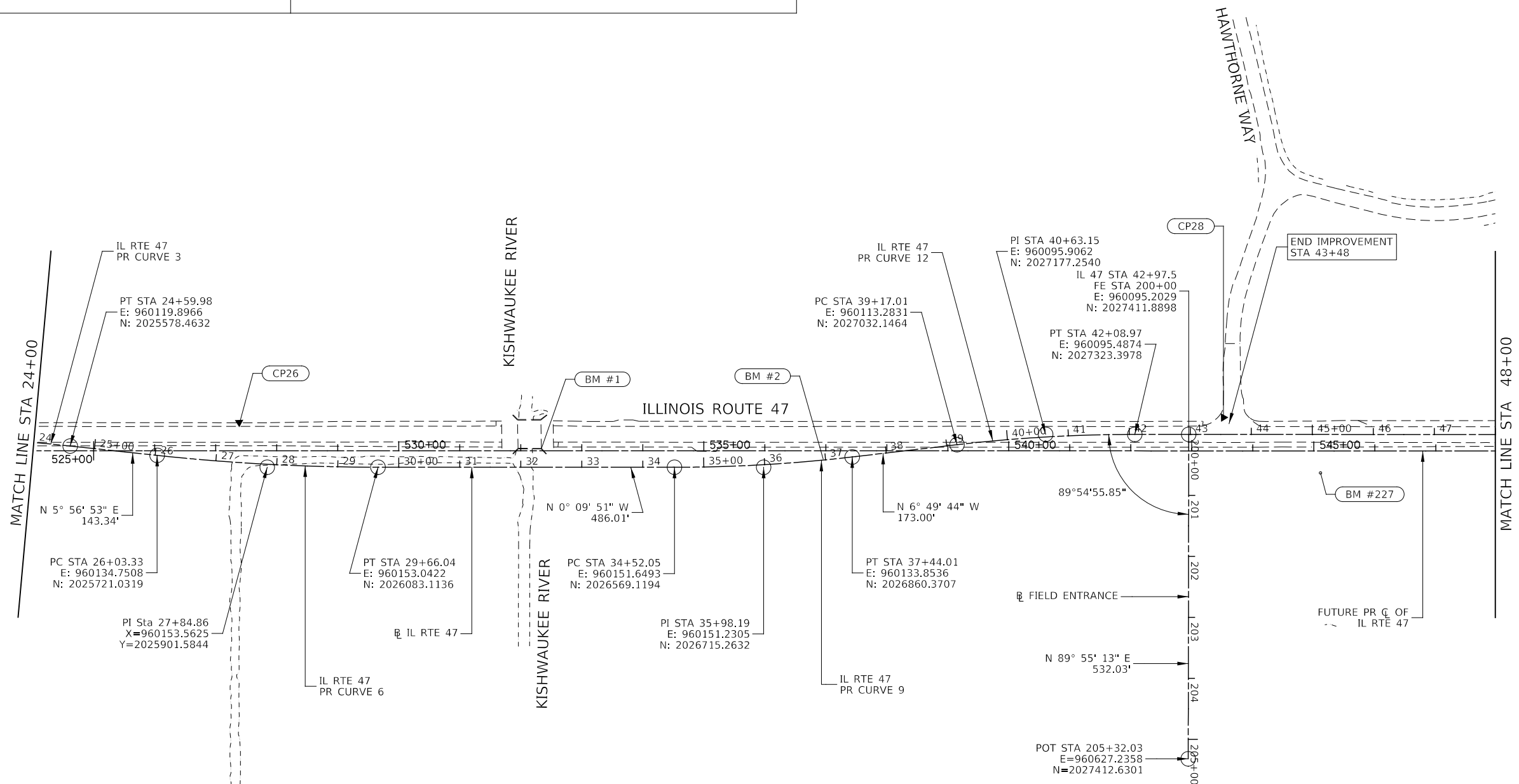
STA 43+54.3 27.7 LT
N: 2027468.66
E: 960067.34
ELEV. = 881.71

GEOMETRIC DATA

IL RTE 47
PR CURVE 6
PI STA = 27+84.86
Δ = 6° 06' 45" (LT)
D = 1° 41' 07"
R = 3,400.00'
T = 181.53'
L = 362.72'
E = 4.84'
e =
TR =
SE RUN =
PC STA = 26+03.33
PT STA = 29+66.04

IL RTE 47
PR CURVE 9
PI STA = 35+98.19
Δ = 6° 39' 52" (LT)
D = 2° 16' 58"
R = 2,510.00'
T = 146.14'
L = 291.96'
E = 4.25'
e =
TR =
SE RUN =
PC STA = 34+52.05
PT STA = 37+44.01

IL RTE 47
PR CURVE 12
PI STA =
Δ = 6° 39' 52" (RT)
D = 2° 16' 58"
R = 2,510.00'
T = 146.14'
L = 291.96'
E = 4.25'
e =
TR =
SE RUN =
PC STA = 39+17.01
PT STA = 42+08.97



FILE NAME = D:\22A80-sh-t-ATB.02.dgn



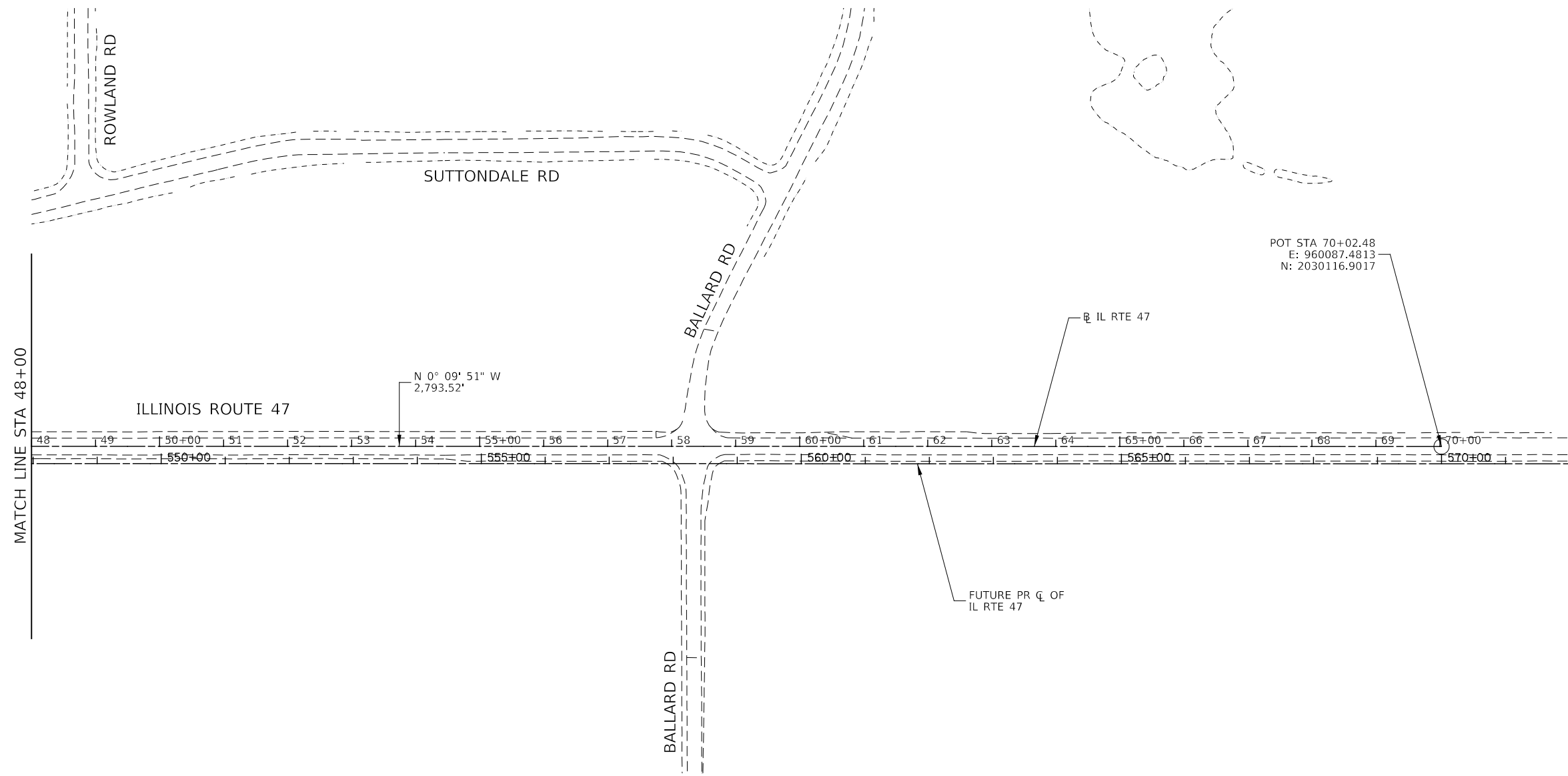
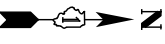
| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEO | REVISED - |
| | DRAWN - CEO | REVISED - |
| PLOT SCALE = 1:200 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
IL ROUTE 47 / HAWTHORNE WAY**

SCALE: 1" = 100' SHEET 2 OF 3 SHEETS STA. 24+00 TO STA. 48+00

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 29 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = D:\62A80-shr-ATE\03.dgn



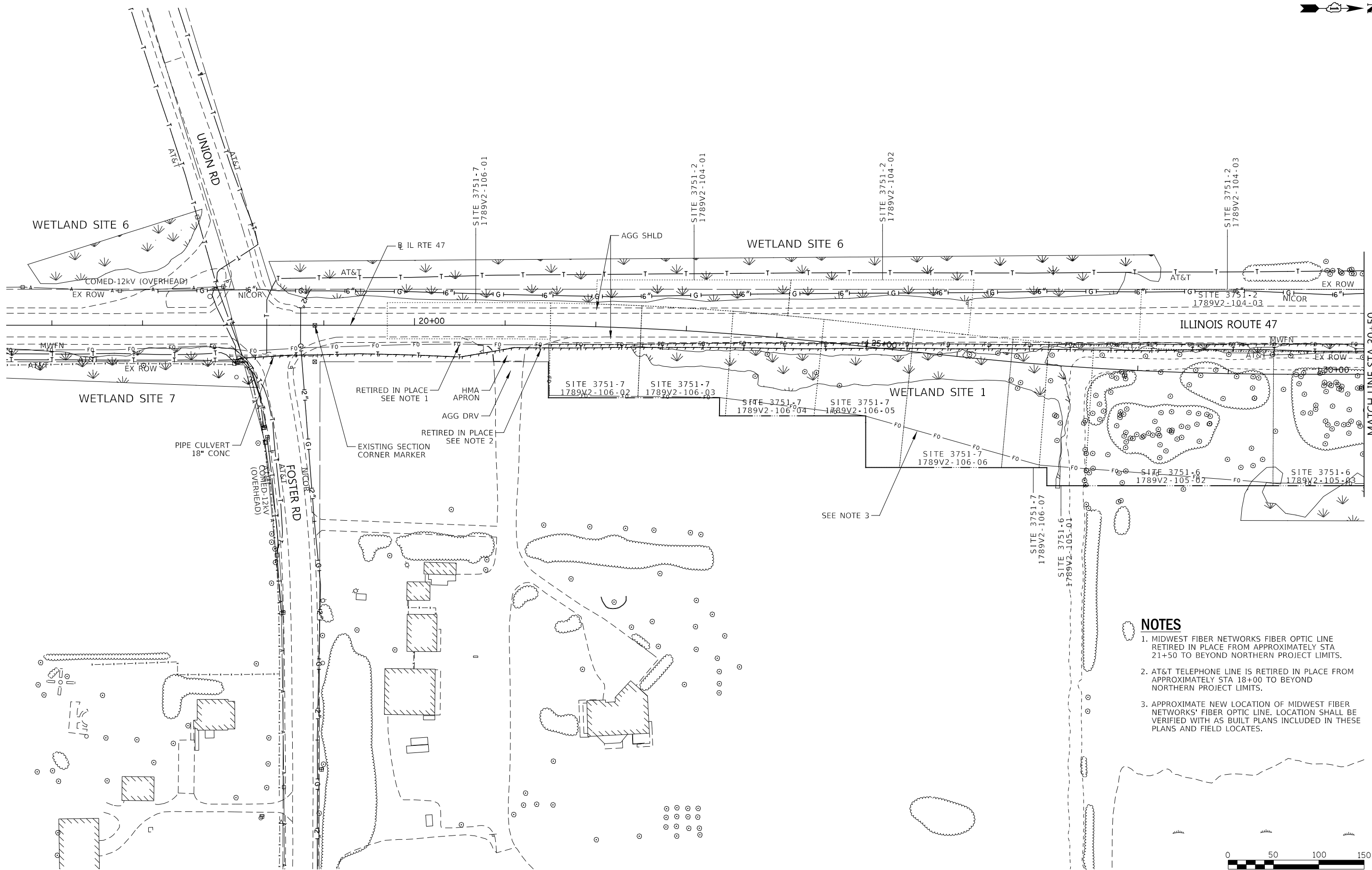
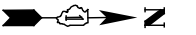
| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEO | REVISED - |
| | DRAWN - CEO | REVISED - |
| PLOT SCALE = 1:200 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
IL ROUTE 47**

SCALE: 1" = 100' SHEET 3 OF 3 SHEETS STA. 48+00 TO STA. 70+02.48

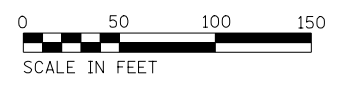
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 30 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA 30+50

NOTES

- MIDWEST FIBER NETWORKS FIBER OPTIC LINE RETIRED IN PLACE FROM APPROXIMATELY STA 21+50 TO BEYOND NORTHERN PROJECT LIMITS.
- AT&T TELEPHONE LINE IS RETIRED IN PLACE FROM APPROXIMATELY STA 18+00 TO BEYOND NORTHERN PROJECT LIMITS.
- APPROXIMATE NEW LOCATION OF MIDWEST FIBER NETWORKS' FIBER OPTIC LINE. LOCATION SHALL BE VERIFIED WITH AS BUILT PLANS INCLUDED IN THESE PLANS AND FIELD LOCATES.



FILE NAME = D:\22480-sh-t-ECU\01.dgn

| | | | |
|---|-----------------------|------------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 8/12/2020 | CHECKED - JCM | REVISED - |
| | | DATE - AUGUST 12, 2020 | REVISED - |

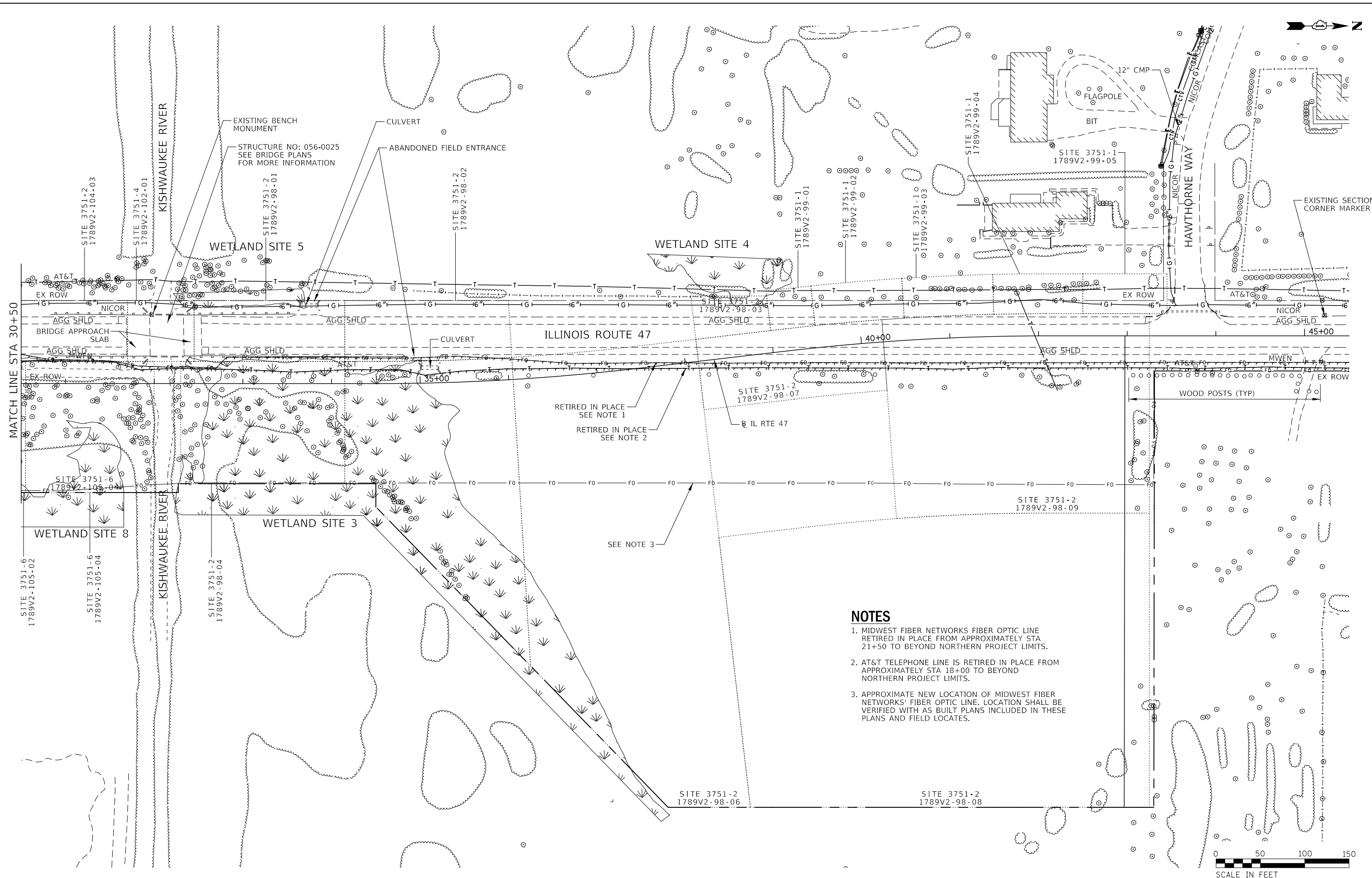
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND UTILITIES
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 15+50 TO STA. 30+50

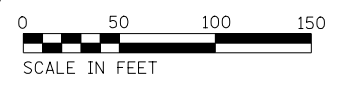
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|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 31 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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NOTES

1. MIDWEST FIBER NETWORKS FIBER OPTIC LINE RETIRED IN PLACE FROM APPROXIMATELY STA 21+50 TO BEYOND NORTHERN PROJECT LIMITS.
2. AT&T TELEPHONE LINE IS RETIRED IN PLACE FROM APPROXIMATELY STA 18+00 TO BEYOND NORTHERN PROJECT LIMITS.
3. APPROXIMATE NEW LOCATION OF MIDWEST FIBER NETWORKS' FIBER OPTIC LINE. LOCATION SHALL BE VERIFIED WITH AS BUILT PLANS INCLUDED IN THESE PLANS AND FIELD LOCATES.



KNIGHT
Engineers & Architects

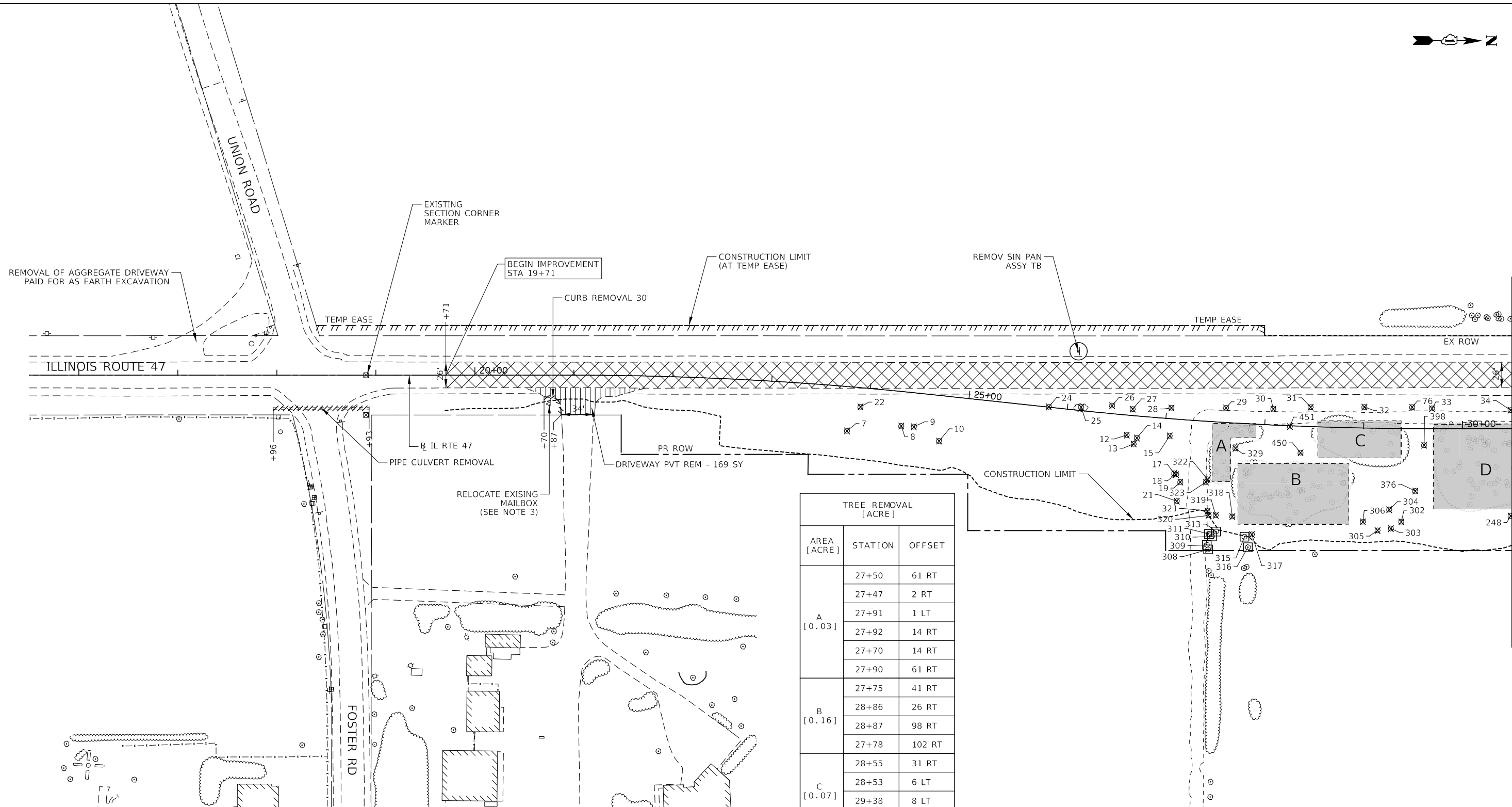
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|-----------------------|------------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:1000 | DRAWN - CEL | REVISED - |
| PLOT DATE = 8/12/2020 | CHECKED - JCM | REVISED - |
| | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND UTILITIES
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. 30+50 TO STA. 45+00

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 32 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



NOTES

1. REMOVE EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE LIMITS OF PAVEMENT REMOVAL.
2. SEE SCHEDULE OF QUANTITIES FOR MORE INFORMATION REGARDING TREE REMOVAL ITEMS AND CARE OF EXISTING PLANT MATERIAL.
3. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 107.20 OF THE OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

LEGEND

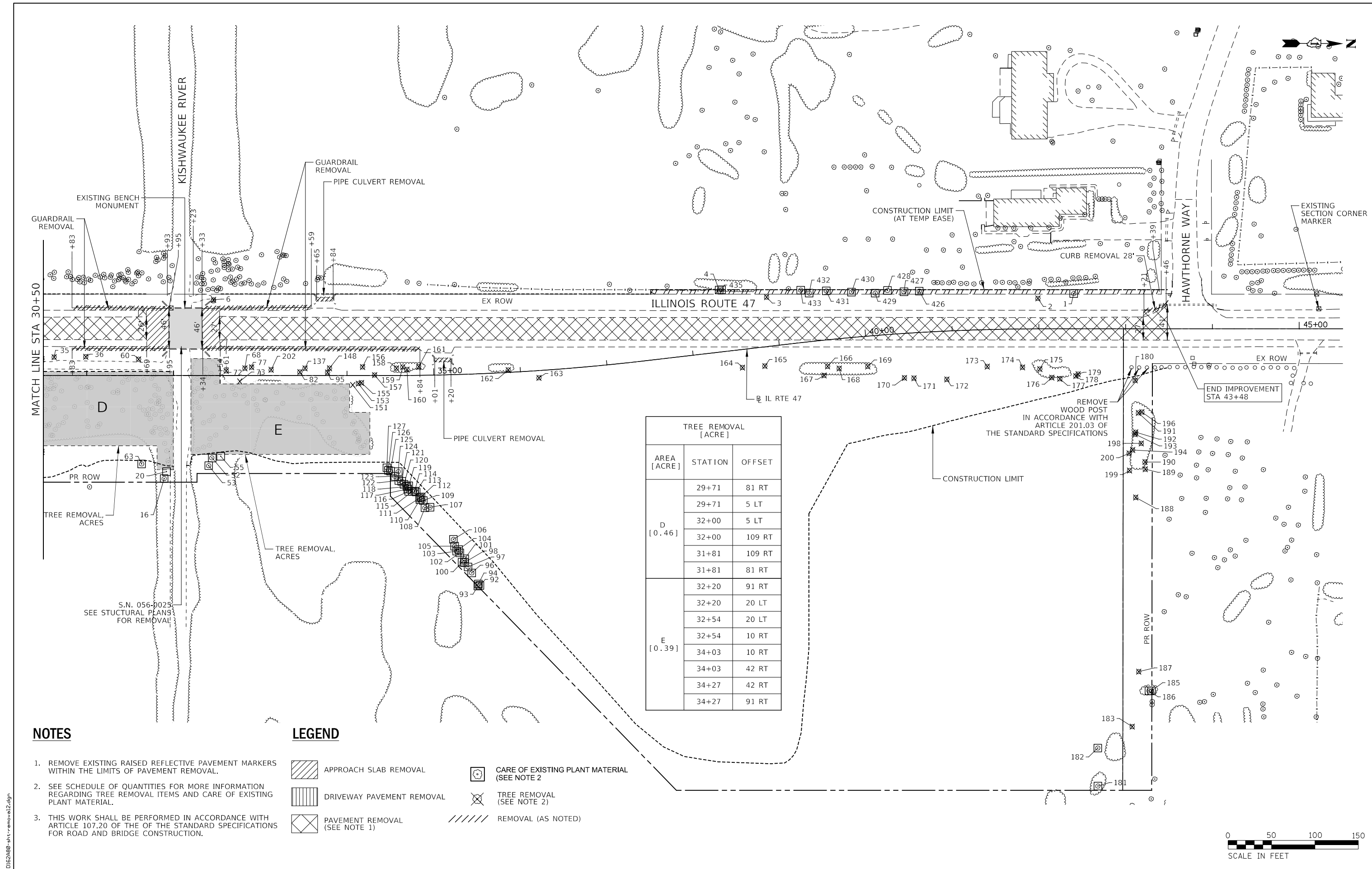
- | | | | |
|--|-------------------------------|--|--|
| | APPROACH SLAB REMOVAL | | CARE OF EXISTING PLANT MATERIAL (SEE NOTE 2) |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL (SEE NOTE 2) |
| | PAVEMENT REMOVAL (SEE NOTE 1) | | REMOVAL (AS NOTED) |

| TREE REMOVAL [ACRE] | | |
|---------------------|---------|--------|
| AREA [ACRE] | STATION | OFFSET |
| A [0.03] | 27+50 | 61 RT |
| | 27+47 | 2 RT |
| | 27+91 | 1 LT |
| | 27+92 | 14 RT |
| | 27+70 | 14 RT |
| | 27+90 | 61 RT |
| B [0.16] | 27+75 | 41 RT |
| | 28+86 | 26 RT |
| | 27+78 | 102 RT |
| C [0.07] | 28+55 | 31 RT |
| | 28+53 | 6 LT |
| | 29+38 | 8 LT |
| D [0.46] | 29+38 | 30 RT |
| | 29+71 | 81 RT |
| | 29+71 | 5 LT |
| | 32+00 | 5 LT |
| | 32+00 | 109 RT |
| | 31+81 | 109 RT |
| | 31+81 | 81 RT |



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| | | | | | | | | | | | | |
|---|-----------------------|----------------------|-----------|---|--|---|---------------------|----------------|--------------------|--------------|--|--|
| <p>KNIGHT Engineers & Architects</p> | USER NAME = c11ss | DESIGNED - CEO | REVISED - | <p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> | <p>ROADWAY REMOVAL PLANS ILLINOIS ROUTE 47</p> | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 33 | | |
| | PLOT SCALE = 1:1100 | CHECKED - JCM | REVISED - | | | SCALE: AS SHOWN | SHEET 1 OF 2 SHEETS | STA. TO STA. | CONTRACT NO. 62A80 | | | |
| | PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | |



| TREE REMOVAL [ACRE] | | |
|---------------------|---------|--------|
| AREA [ACRE] | STATION | OFFSET |
| D [0.46] | 29+71 | 81 RT |
| | 29+71 | 5 LT |
| | 32+00 | 5 LT |
| | 32+00 | 109 RT |
| | 31+81 | 109 RT |
| E [0.39] | 32+20 | 91 RT |
| | 32+20 | 20 LT |
| | 32+54 | 20 LT |
| | 32+54 | 10 RT |
| | 34+03 | 10 RT |
| | 34+03 | 42 RT |
| | 34+27 | 42 RT |
| 34+27 | 91 RT | |

NOTES

1. REMOVE EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE LIMITS OF PAVEMENT REMOVAL.
2. SEE SCHEDULE OF QUANTITIES FOR MORE INFORMATION REGARDING TREE REMOVAL ITEMS AND CARE OF EXISTING PLANT MATERIAL.
3. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 107.20 OF THE OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

LEGEND

- APPROACH SLAB REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL (SEE NOTE 1)
- CARE OF EXISTING PLANT MATERIAL (SEE NOTE 2)
- TREE REMOVAL (SEE NOTE 2)
- REMOVAL (AS NOTED)



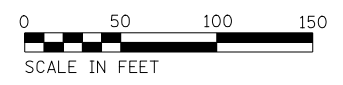
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|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEO | REVISED - |
| PLOT SCALE = 1:1000 | DRAWN - CEO | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY REMOVAL PLANS
ILLINOIS ROUTE 47**

SCALE: AS SHOWN SHEET 2 OF 2 SHEETS STA. TO STA.

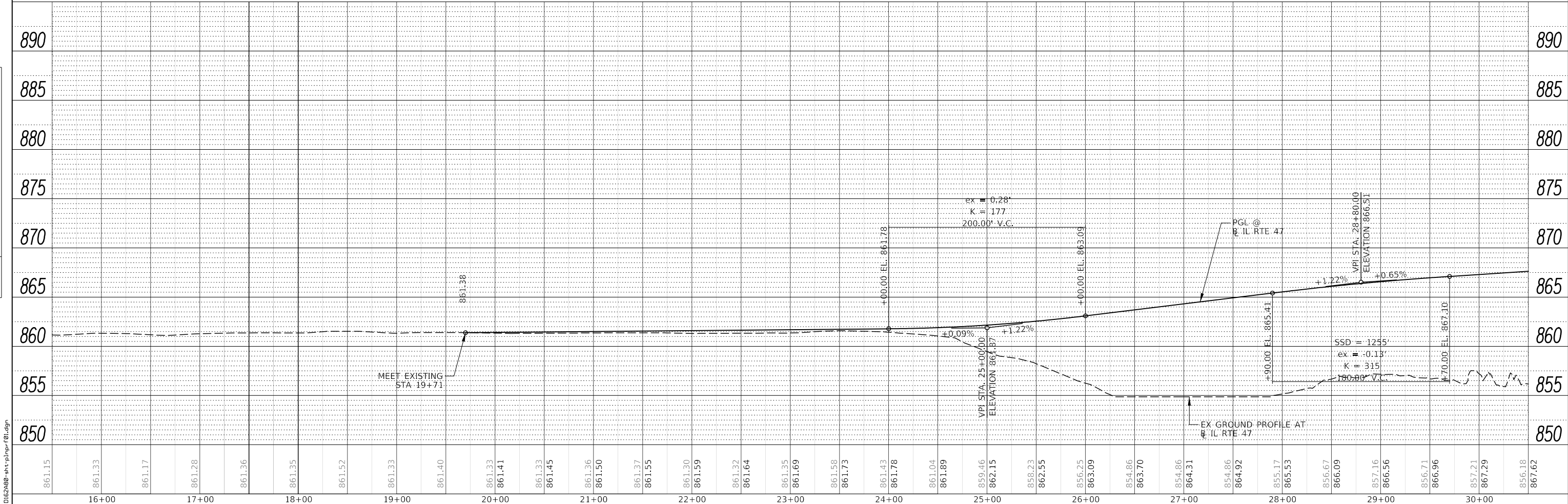
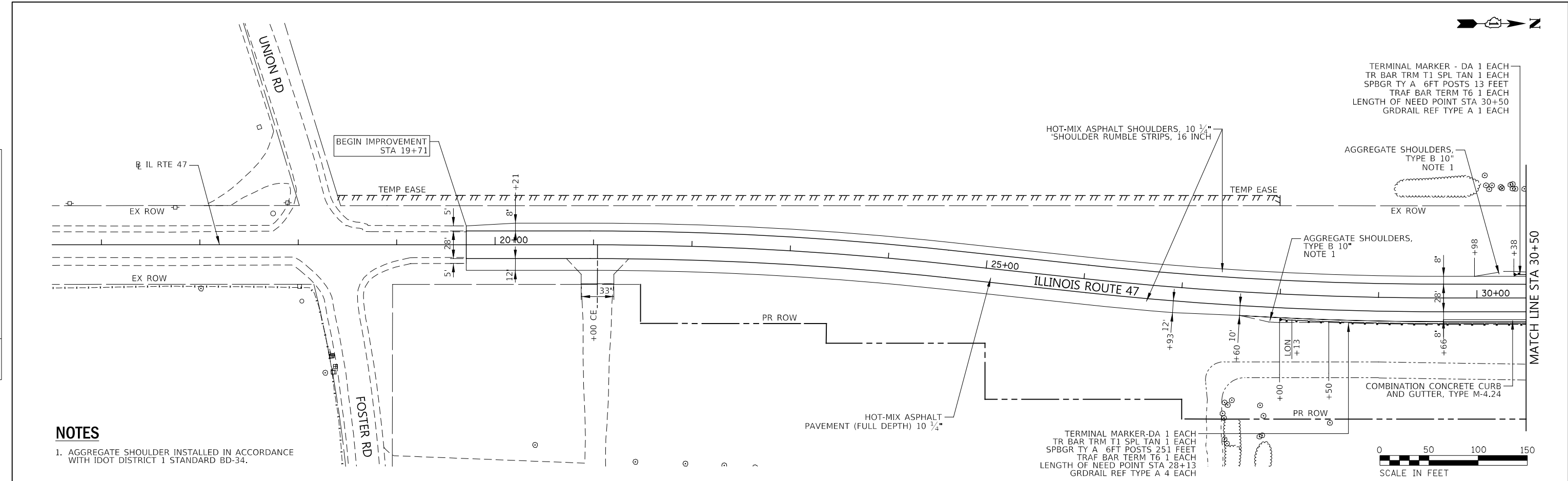
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|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 34 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = D:\22A80-shr-removal2.dgn

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

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



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| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEO | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEO | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|---------|-------------|--------------------------|
| ROADWAY PLAN AND PROFILE SHEETS ILLINOIS ROUTE 47 | | | |
| SCALE: 1" = 50' | SHEET 1 | OF 3 SHEETS | STA. 15+50 TO STA. 30+50 |

| | | | | |
|---|--------------------|----------------|--------------------|--------------|
| F.A.P. RT. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 35 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

LEGEND

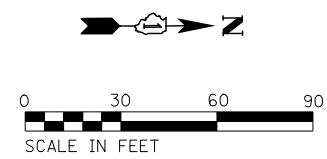
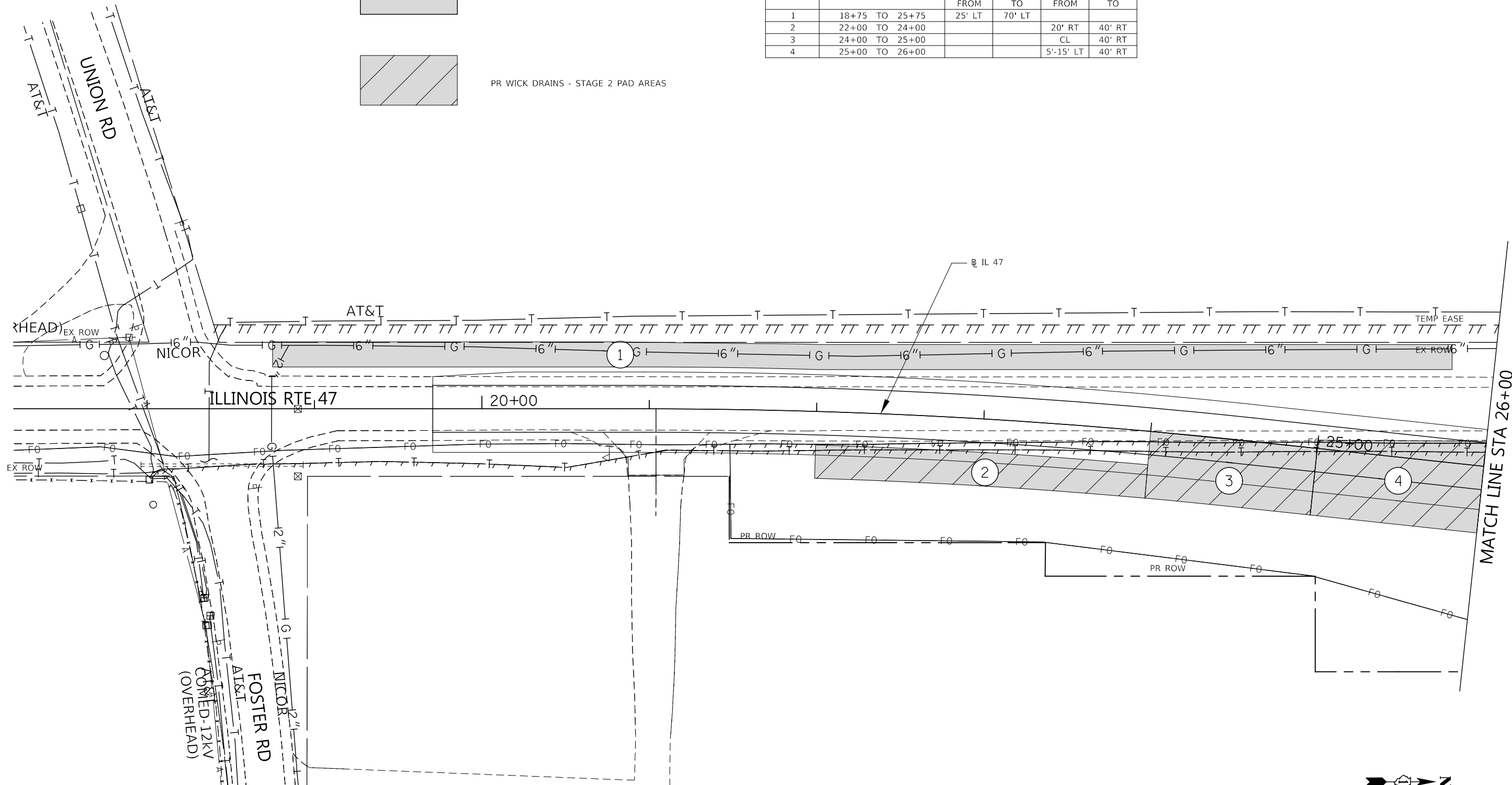


PR WICK DRAINS - STAGE 1 PAD AREAS



PR WICK DRAINS - STAGE 2 PAD AREAS

| AREA | STATION LIMITS | OFFSETS | | | |
|------|----------------|---------|--------|-----------|--------|
| | | STAGE 1 | | STAGE 2 | |
| | | FROM | TO | FROM | TO |
| 1 | 18+75 TO 25+75 | 25' LT | 70' LT | | |
| 2 | 22+00 TO 24+00 | | | 20' RT | 40' RT |
| 3 | 24+00 TO 25+00 | | | CL | 40' RT |
| 4 | 25+00 TO 26+00 | | | 5'-15' LT | 40' RT |



FILE NAME : D:\22A80-shr-wickdrn01.dgn

| | | | |
|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1/60 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/27/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONTRACTOR DESIGNED WICK DRAIN PLAN
ILLINOIS ROUTE 47**

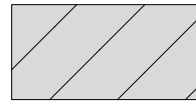
SCALE: 1" = 30' SHEET 1 OF 2 SHEETS STA. 19+71 TO STA. 26+00

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 38 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

LEGEND

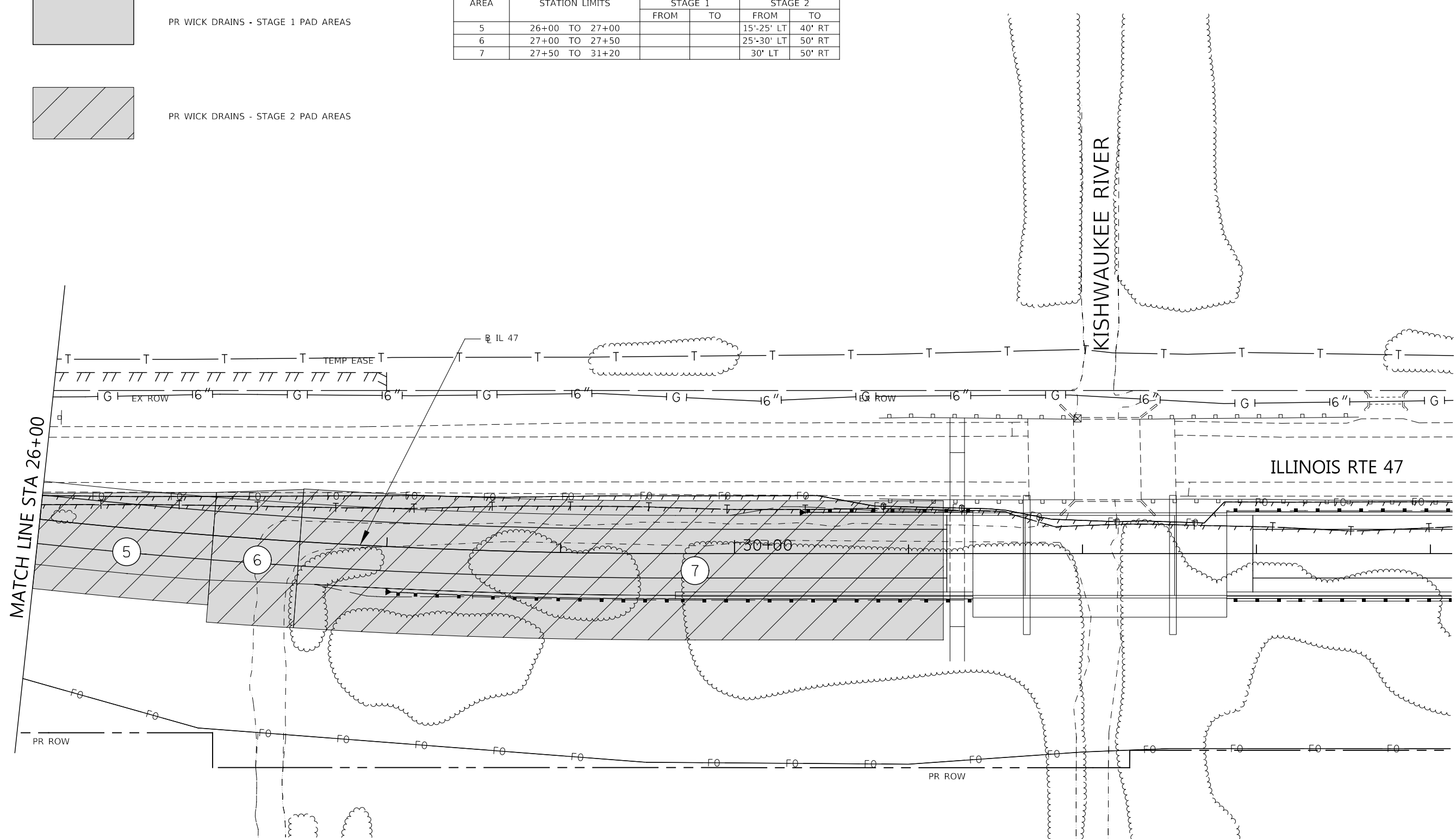


PR WICK DRAINS - STAGE 1 PAD AREAS



PR WICK DRAINS - STAGE 2 PAD AREAS

| AREA | STATION LIMITS | OFFSETS | | | |
|------|----------------|---------|----|------------|--------|
| | | STAGE 1 | | STAGE 2 | |
| | | FROM | TO | FROM | TO |
| 5 | 26+00 TO 27+00 | | | 15'-25' LT | 40' RT |
| 6 | 27+00 TO 27+50 | | | 25'-30' LT | 50' RT |
| 7 | 27+50 TO 31+20 | | | 30' LT | 50' RT |



FILE NAME : D:\22A80-shr-wickdr-02.dgn



| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:60 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/27/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

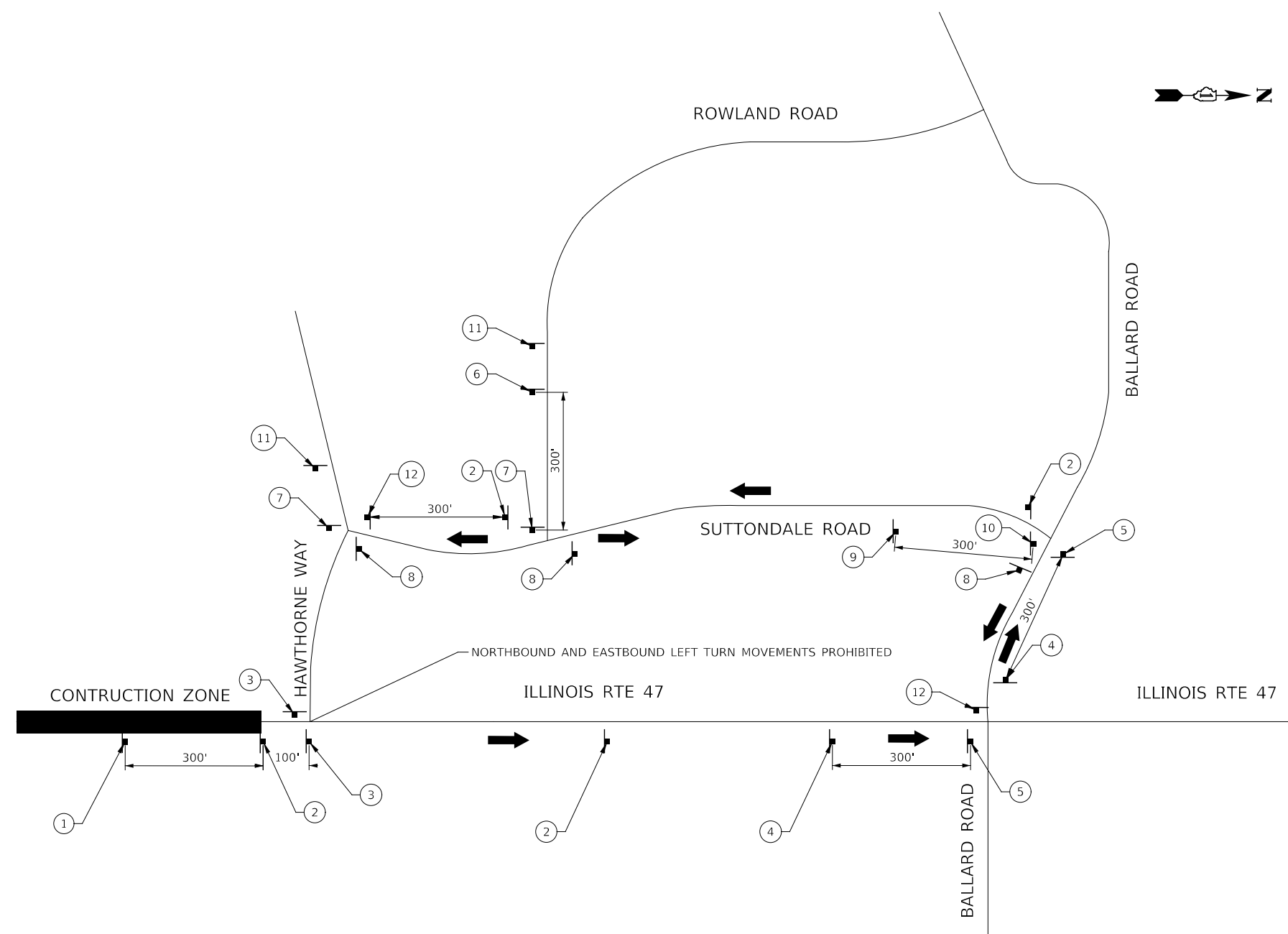
**CONTRACTOR DESIGNED WICK DRAIN PLAN
ILLINOIS ROUTE 47**

SCALE: 1" = 30' SHEET 2 OF 2 SHEETS STA. 26+00 TO STA. 31+66

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 39 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

DETOUR LEGEND

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
2. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO REDUCE THE DURATION OF THE NORTHBOUND IL 47 AND EASTBOUND HAWTHORNE WAY LEFT TURN RESTRICTIONS. DETOUR SHALL NOT EXCEED FIFTEEN (15) CALENDAR DAYS
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOURS ARE TO BE IN EFFECT. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL OFFICIALS AND INTERESTED PARTIES.
4. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND APPROVED BY THE ENGINEER.
5. THE CONTRACTOR SHALL MAKE ALL CHANGES IN THE SIGNING THAT ARE DEEMED NECESSARY BY THE ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL BARRICADES, SIGNS, LIGHTS, AND OTHER TRAFFIC CONTROL DEVICES, INSTALLED BY HIM, THAT ARE IN PLACE AND OPERATING 24 HOURS A DAY, 7 DAYS A WEEK, FOR THE DURATION OF THIS DETOUR.
7. ALL EXISTING SIGNING THAT DOES NOT APPLY AND/OR CONFLICTS WITH THE DETOUR ROUTE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. ALL DETOUR SIGNING SHALL BE POST MOUNTED.
9. THE ENGINEER SHALL BE NOTIFIED AT LEAST THREE (3) DAYS PRIOR TO THE REMOVAL OF THE DETOUR. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL OFFICIALS AND INTERESTED PARTIES.

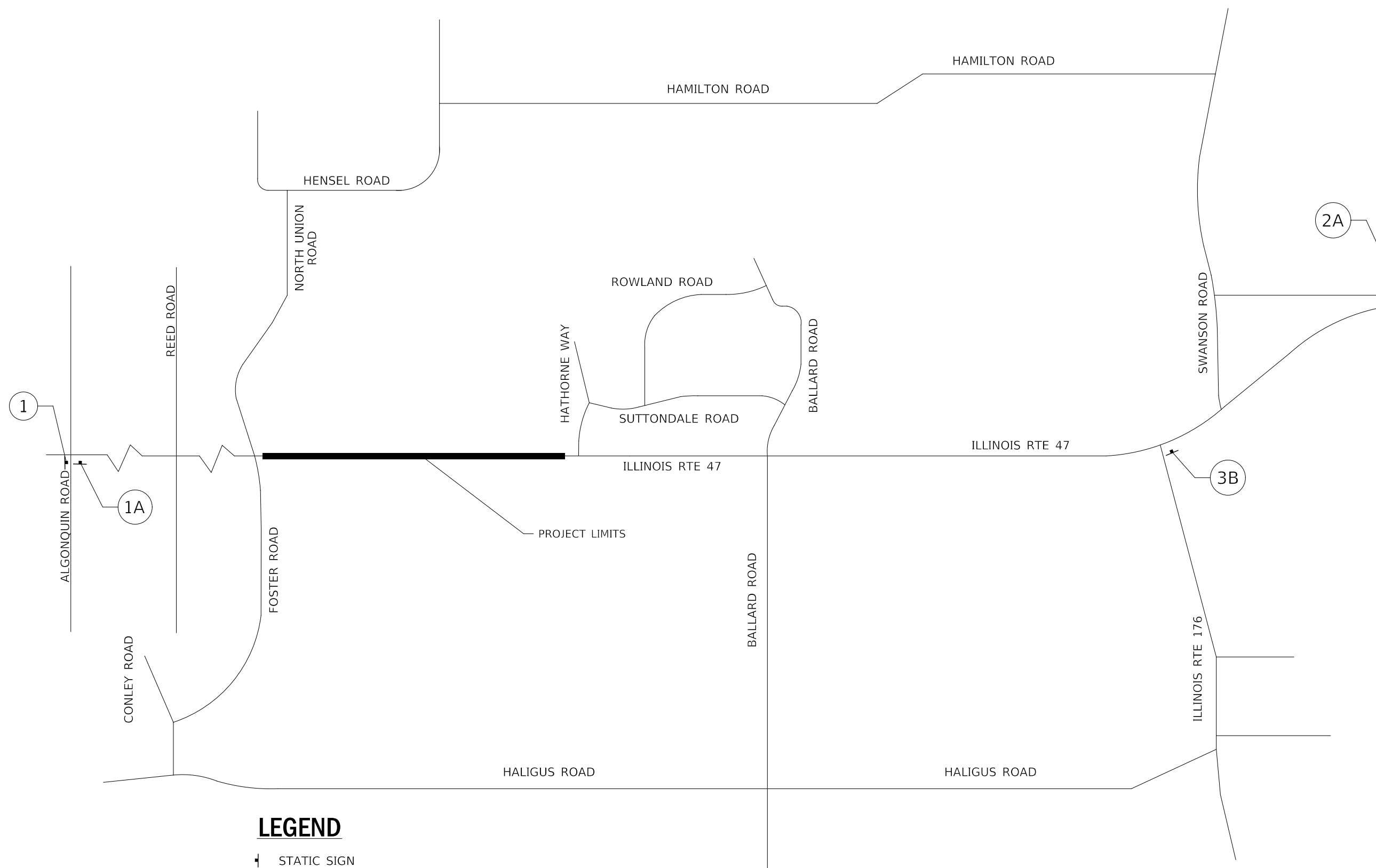
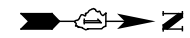


DETOUR LEGEND

- ⊥ STATIC SIGN
- ➔ HAWTHORNE WAY DETOUR ROUTE

| | | | | | |
|---|---|---|--|--|---|
| <p>① W20-2(0)-48</p> <p>② SPECIAL(O)-HAWTHORNE WAY 36"x18" (5" HWY D) BLACK ON ORANGE</p> <p>③ R3-2-36 SEE MOT STAGE 3 FOR SIGN LOCATION</p> | <p>④ SPECIAL(O)-HAWTHORNE WAY 36"x18" (5" HWY D) BLACK ON ORANGE</p> <p>⑤ SPECIAL(O)-HAWTHORNE WAY 36"x18" (5" HWY D) BLACK ON ORANGE</p> | <p>⑥ M4-8(O)-2412 M4-5-2412 M3-1-2412 M1-1100-24 M5-1L-2115</p> <p>⑦ M4-8(O)-2412 M4-5-2412 M3-1-2412 M1-1100-24 M5-1L-2115</p> | <p>⑧ M4-8(O)-2412 M4-5-2412 M3-1-2412 M1-1100-24 M6-3-2115</p> <p>⑨ M4-8(O)-2412 M4-5-2412 M3-1-2412 M1-1100-24 M5-1L-2115</p> | <p>⑩ M4-8(O)-2412 M4-5-2412 M3-1-2412 M1-1100-24 M5-1L-2115</p> | <p>⑪ W20-2(0)-48</p> <p>⑫ M4-8-2412</p> |
|---|---|---|--|--|---|

FILE NAME : D:\22A80-ht-t-oging-Detour-Detour.dgn



SIGN LEGEND

- -
 -
 -
 -
- XX'-X" = 10'-6" (STAGES 1, 2, 4)
 XX'-X" = 11'-6" (STAGE 3)

LEGEND

↑ STATIC SIGN

NOTE

1. WIDTH RESTRICTION SIGNING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

FILE NAME : D:\62A80-eh-t-staging_03_05-width_restriction.dgn

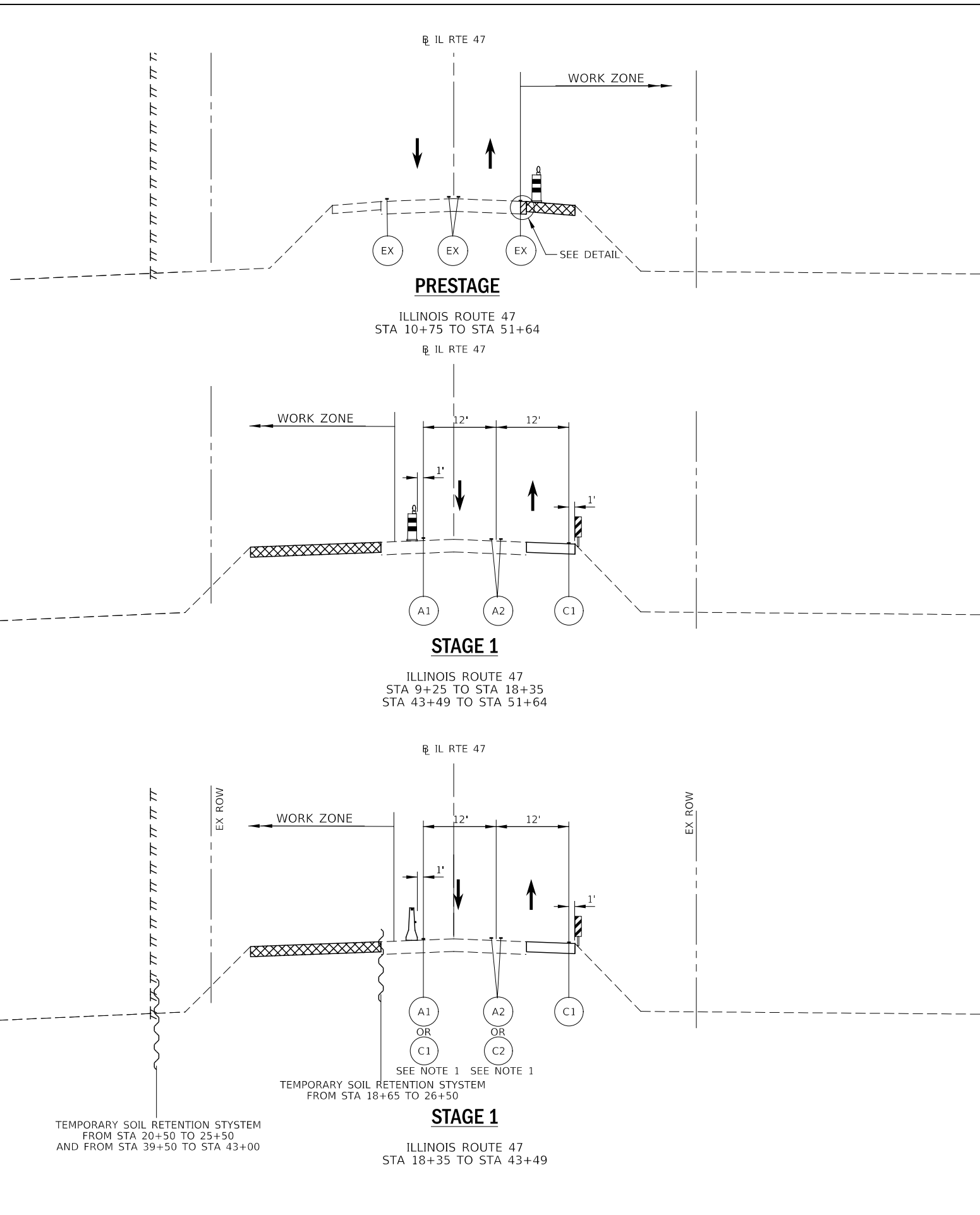
| | | | |
|---|-----------------------|------------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = jmurillo | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:800 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 8/13/2020 | CHECKED - JCM | REVISED - |
| | | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|---------|-------------|--------------|
| WIDTH RESTRICTION SIGNING STAGE 2, 3, 4 | | | |
| SCALE: NONE | SHEET 1 | OF 1 SHEETS | STA. TO STA. |

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 41 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = D:\62A80-ht-sec-typical-00.dgn



NOTES:

- *SUGGESTED PRESTAGE CONSTRUCTION
1. CONSTRUCT ALL TEMPORARY PAVEMENT IMMEDIATELY ADJACENT TO EXISTING EDGE OF PAVEMENT FROM STA 9+75 TO STA 51+64

TRAFFIC CONTROL

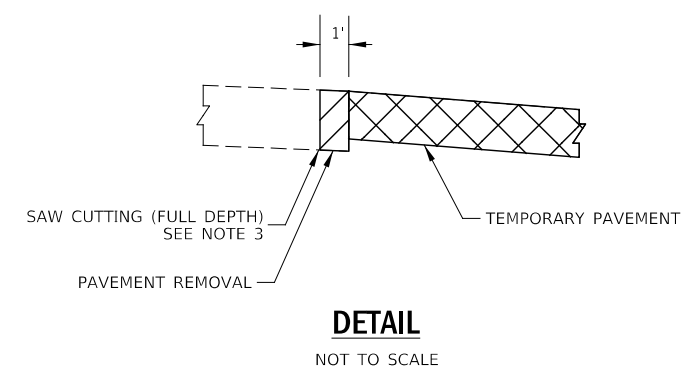
1. FOR TEMPORARY PAVEMENT CONSTRUCTION CLOSE LANES ACCORDING TO STANDARDS 701326 AND 701006. DROPOFFS AT THE END OF WORKDAY MUST BE LESS THAN 12".

NOTES:

- *SUGGESTED STAGE 1 CONSTRUCTION
1. INSTALL TEMPORARY SOIL RETENTION SYSTEM ALONG EXISTING WESTERN EDGE OF PAVEMENT FROM STA 18+65 TO STA 26+50, 1 FOOT FROM EASEMENT FROM STA 20+50 TO STA 25+50 AND FROM STA 39+50 TO STA 43+00.
 2. INSTALL SAND DRAINAGE BLANKET AND WICK DRAINS.
 3. CONSTRUCT ALL TEMPORARY PAVEMENT IMMEDIATELY ADJACENT TO EXISTING EDGE OF PAVEMENT FROM STA 11+74 TO STA 50+14

TRAFFIC CONTROL

1. PROVIDE ONE LANE IN EACH DIRECTION. TRAFFIC UTILIZES EXISTING PAVEMENT AND TEMPORARY PAVEMENT BUILT IN PREVIOUS STAGE.
2. INSTALL TEMPORARY CONCRETE BARRIER AND ATTENUATORS FROM STA 18+35 TO STA 43+49. USE CHANNELIZATION DRUMS WITH STEADY BURNING LIGHT FROM STA 9+75 TO STA 18+35 AND STA 43+49 TO STA 51+64.



TYPICAL LEGEND

- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) MODIFIED URETHANE PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- (_3) 4" YELLOW LINE
- [Hatched Box] CONSTRUCTION WORK ZONE
- [Diagonal Lines Box] PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- [Solid Grey Box] PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- [Cross-hatched Box] TEMPORARY PAVEMENT PLACED IN THIS STAGE
- [White Box] TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- [Barrier Symbol] TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- [Drum Symbol] CHANNELIZATION DRUM
- [Arrow Symbol] DIRECTION OF TRAFFIC
- [Panel Symbol] DOUBLE SIDED VERTICAL PANEL

NOTES

1. PAVEMENT MARKING TAPE, TYPE IV, SHALL BE PLACED ON EXISTING PAVEMENT TO REMAIN IN PLACE AND PROPOSED PAVEMENTS. TEMPORARY PAVEMENT MARKING SHALL BE PLACED ON TEMPORARY PAVEMENTS AND EXISTING PAVEMENTS TO BE REMOVED.
2. PER DISTRICT 1 SPECIAL PROVISION TEMPORARY PAVEMENT MAY BE 10" PCC
3. SAW CUTTING (FULL DEPTH) SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL.



| | | |
|-----------------------|------------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:20 | DRAWN - CEL | REVISED - |
| PLOT DATE = 8/12/2020 | CHECKED - JCM | REVISED - |
| | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL | |
|--|----------------------------------|
| TYPICAL SECTION | |
| SCALE: NA | SHEET 1 OF 5 SHEETS STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 42 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

TYPICAL LEGEND

- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) MODIFIED URETHANE PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- (_3) 4" YELLOW LINE
- [Hatched Box] CONSTRUCTION WORK ZONE
- [Diagonal Hatched Box] PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- [Solid Grey Box] PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- [Cross-hatched Box] TEMPORARY PAVEMENT PLACED IN THIS STAGE
- [White Box] TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- [Barrier Symbol] TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- [Drum Symbol] CHANNELIZATION DRUM
- [Arrow Symbol] DIRECTION OF TRAFFIC
- [Panel Symbol] DOUBLE SIDED VERTICAL PANEL

NOTES:

*SUGGESTED STAGE 2 CONSTRUCTION

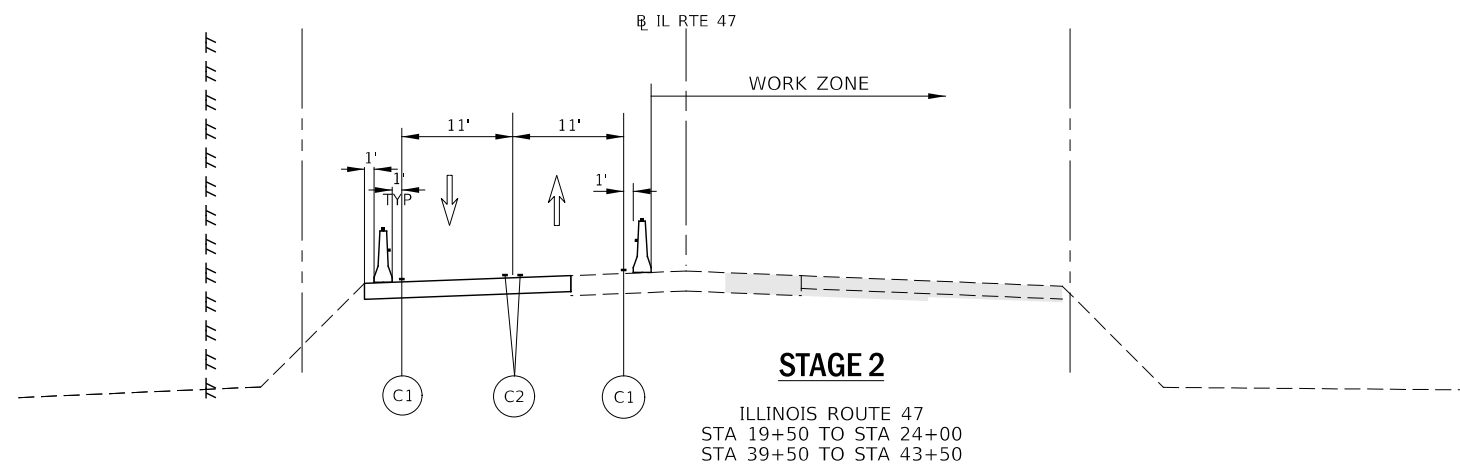
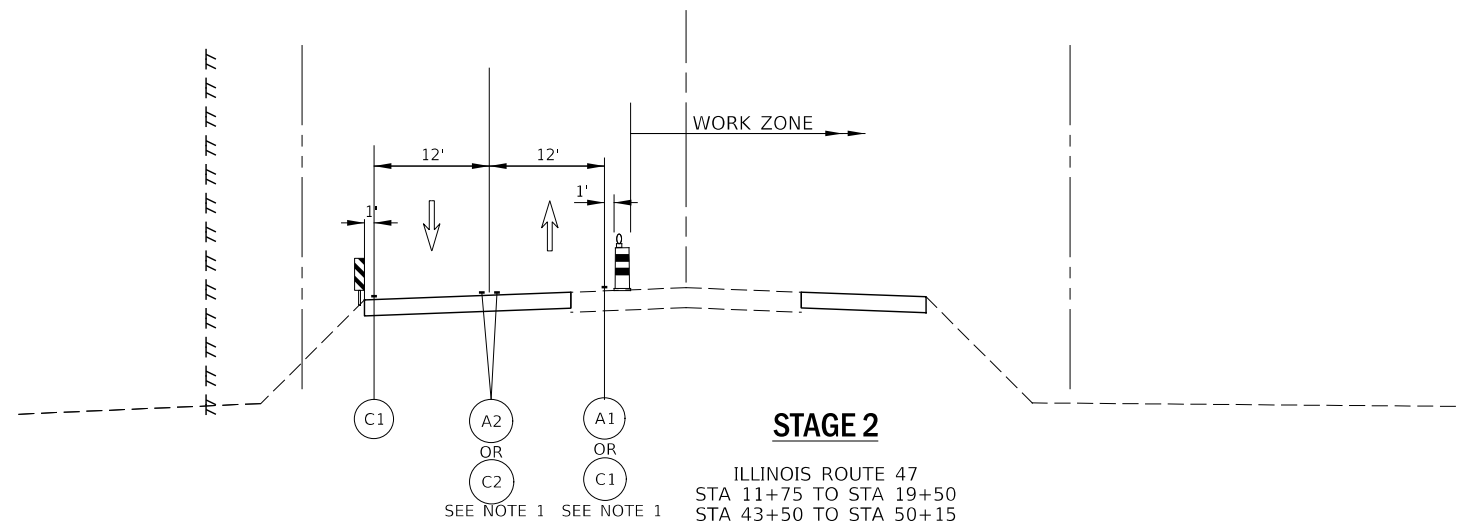
1. INSTALL TEMPORARY SOIL RETENTION SYSTEM FROM STA 31+10 TO 34+25.
2. UNSUITABLE MATERIAL REMOVAL AND REPLACEMENT.
3. INSTALL EAST SIDE OF WILDLIFE CROSSING SN 56-0399.
4. INSTALL SAND DRAINAGE BLANKET AND WICK DRAINS.
5. CONSTRUCT COMPENSATORY STORAGE BASIN.
6. CONSTRUCT PR BRIDGE SN 056-0316.
7. CONSTRUCT DRAINAGE ITEMS FROM STA 27+00 TO 36+00.
8. CONSTRUCT ALL PCC PAVEMENT STA 31+22 TO 32+98.
9. CONSTRUCT PCC PAVEMENT ITEMS STA 29+66 TO 34+50.
10. CONSTRUCT ALL HMA PAVEMENT ITEMS STA 27+00 TO STA 36+00.
11. CONSTRUCT NORTHBOUND LANE AND SHOULDER FROM STA 19+71 TO STA 27+00 AND STA 36+00 TO STA 43+50.

TRAFFIC CONTROL

1. PROVIDE ONE LANE IN EACH DIRECTION. TRAFFIC UTILIZES EXISTING PAVEMENT AND TEMPORARY PAVEMENT BUILT IN PREVIOUS STAGE.
2. INSTALL TEMPORARY CONCRETE BARRIER.
3. ON WEST SIDE OF TEMPORARY PAVEMENT SET UP TEMPORARY CONCRETE BARRIER, AS DROP OFF FROM EDGE OF PAVEMENT IS GREATER THAN ALLOWABLE FROM STA 21+00 TO STA 25+00.
4. ON WEST SIDE OF TEMPORARY PAVEMENT SET UP TEMPORARY CONCRETE BARRIER AS THERE ARE HAZARDS IN THE CLEAR ZONE FROM STA 39+15 TO STA 43+40 AND STA 44+16 TO STA 45+24.
5. FOR BRIDGE, PRECAST BOX CULVERT, PCC, HMA PAVEMENT, AND EARTHWORK CONSTRUCTION STAGE ACCORDING TO STANDARD 701006.
6. ON EAST SIDE OF ILLINOIS ROUTE 47 FROM STATION 27+50 TO STATION 34+50 SET UP TEMPORARY CONCRETE BARRIER AS EMBANKMENT FROM BRIDGE CONSTRUCTION WILL ENCROACH WITHIN THE CLEARZONE, AND WILL REQUIRE THE REMOVAL OF EXISTING GUARDRAIL.

NOTES

1. PAVEMENT MARKING TAPE, TYPE IV, SHALL BE PLACED ON EXISTING PAVEMENT TO REMAIN IN PLACE AND PROPOSED PAVEMENTS. TEMPORARY PAVEMENT MARKING SHALL BE PLACED ON TEMPORARY PAVEMENTS AND EXISTING PAVEMENTS TO BE REMOVED.
2. PER DISTRICT 1 SPECIAL PROVISION TEMPORARY PAVEMENT MAY BE 10" PCC



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
TYPICAL SECTION**

SCALE: NA SHEET 1 OF 5 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 43 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

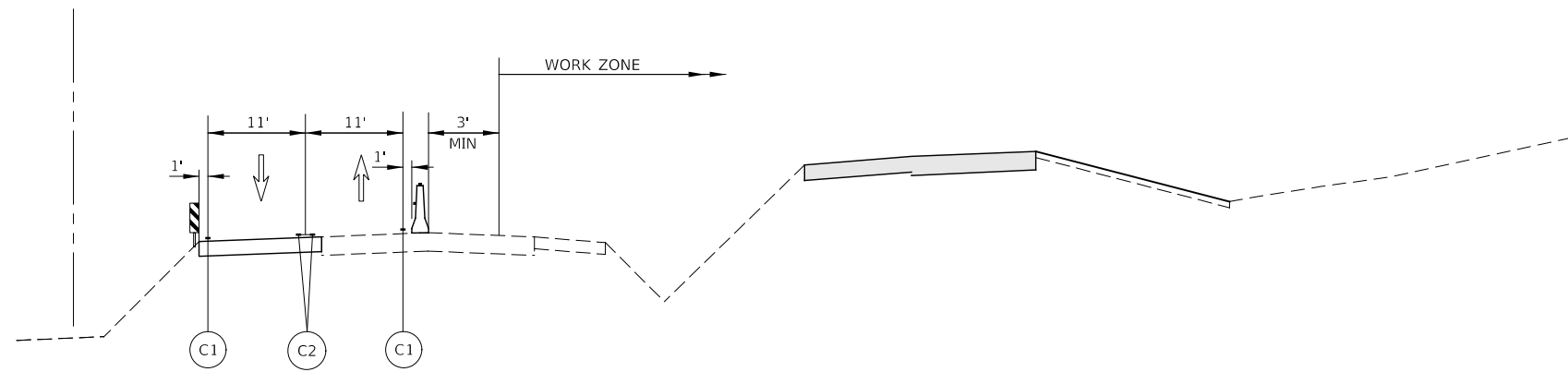
FILE NAME = D:\62A80-ht-sec-typical-01.dgn

KNIGHT
Engineers & Architects

| | | |
|-----------------------|------------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:20 | DRAWN - CEL | REVISED - |
| PLOT DATE = 8/12/2020 | CHECKED - JCM | REVISED - |
| | DATE - AUGUST 12, 2020 | REVISED - |

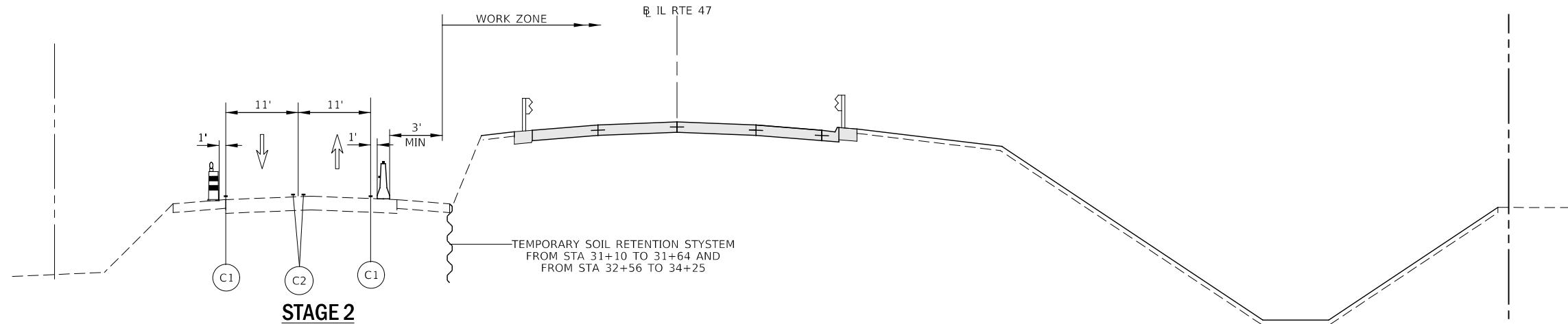
TYPICAL LEGEND

- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) MODIFIED URETHANE PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- (_3) 4" YELLOW LINE
- [Hatched Box] CONSTRUCTION WORK ZONE
- [Diagonal Hatched Box] PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- [Dark Grey Box] PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- [Cross-hatched Box] TEMPORARY PAVEMENT PLACED IN THIS STAGE
- [White Box] TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- [Barrier Symbol] TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- [Drum Symbol] CHANNELIZATION DRUM
- [Arrow Symbol] DIRECTION OF TRAFFIC
- [Panel Symbol] DOUBLE SIDED VERTICAL PANEL



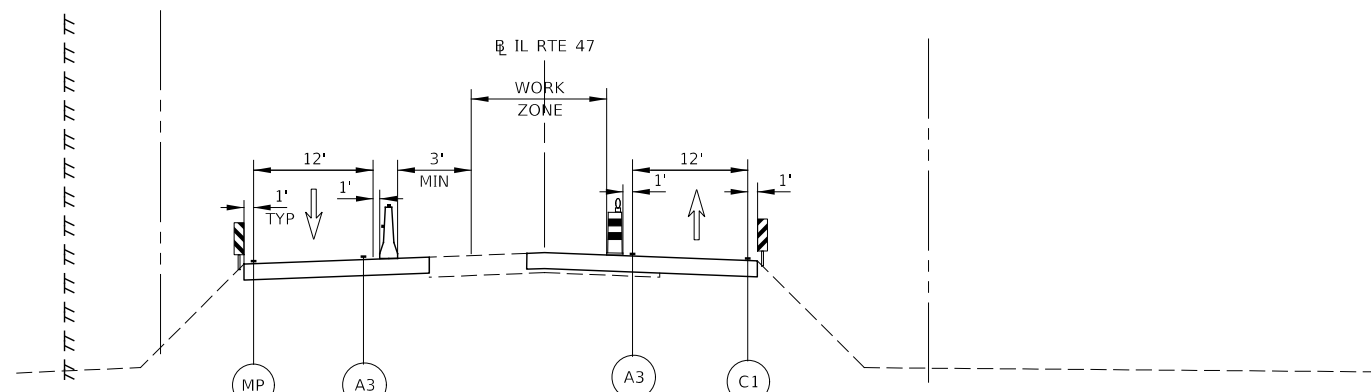
STAGE 2

ILLINOIS ROUTE 47
 STA 24+00 TO STA 27+00
 STA 36+00 TO STA 39+50



STAGE 2

ILLINOIS ROUTE 47
 STA 27+00 TO STA 36+00



STAGE 3

ILLINOIS ROUTE 47
 STA 11+75 TO STA 19+50
 STA 43+50 TO STA 50+14

NOTES:

*SUGGESTED STAGE 3 CONSTRUCTION

1. CONSTRUCT SOUTHBOUND LANE FROM STA 19+70 TO STA 27+00 AND STA 36+00 TO STA 43+50

TRAFFIC CONTROL

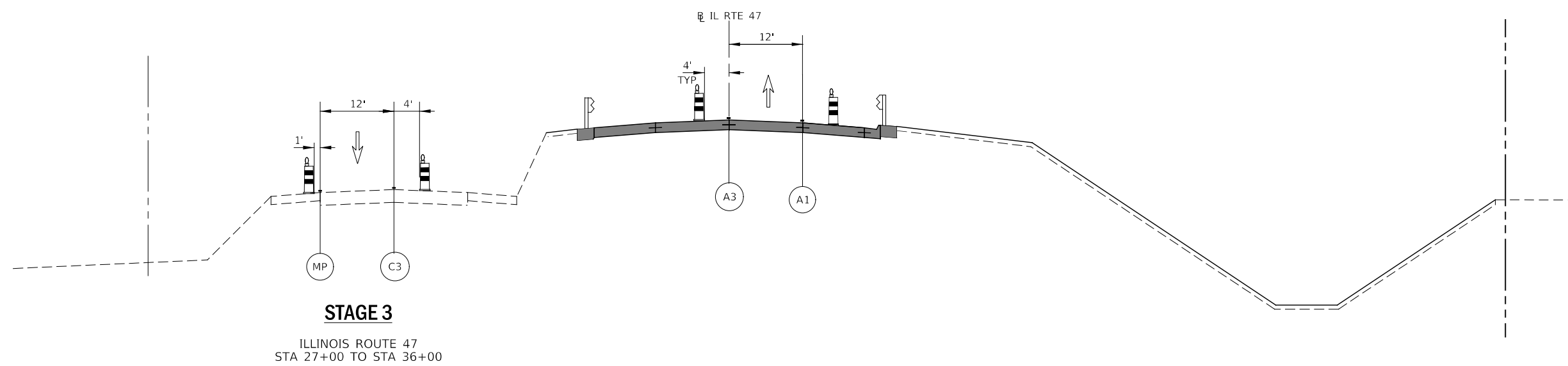
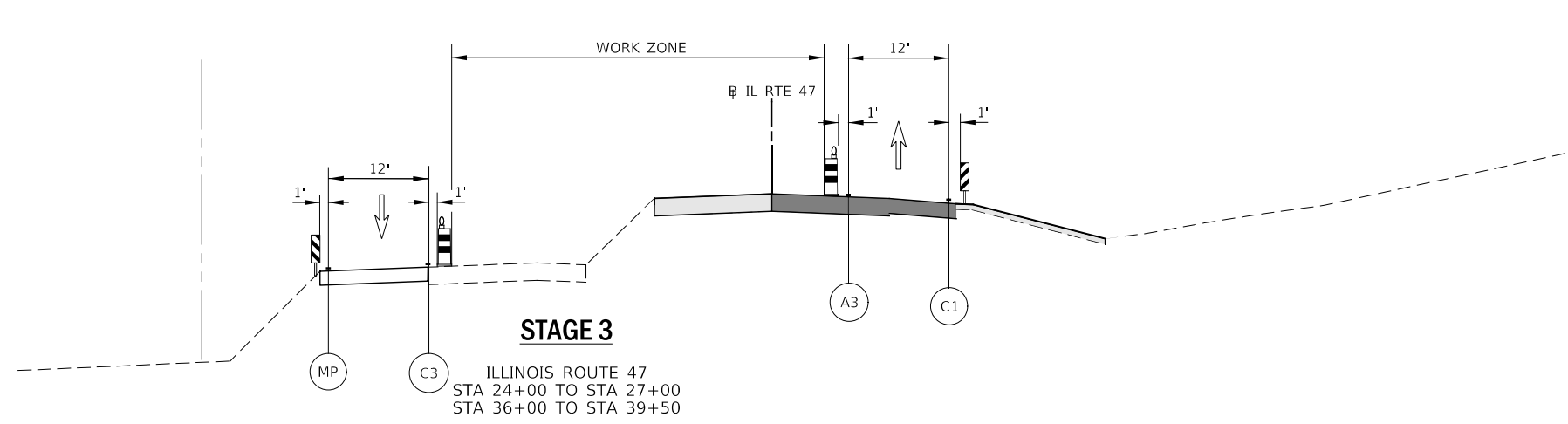
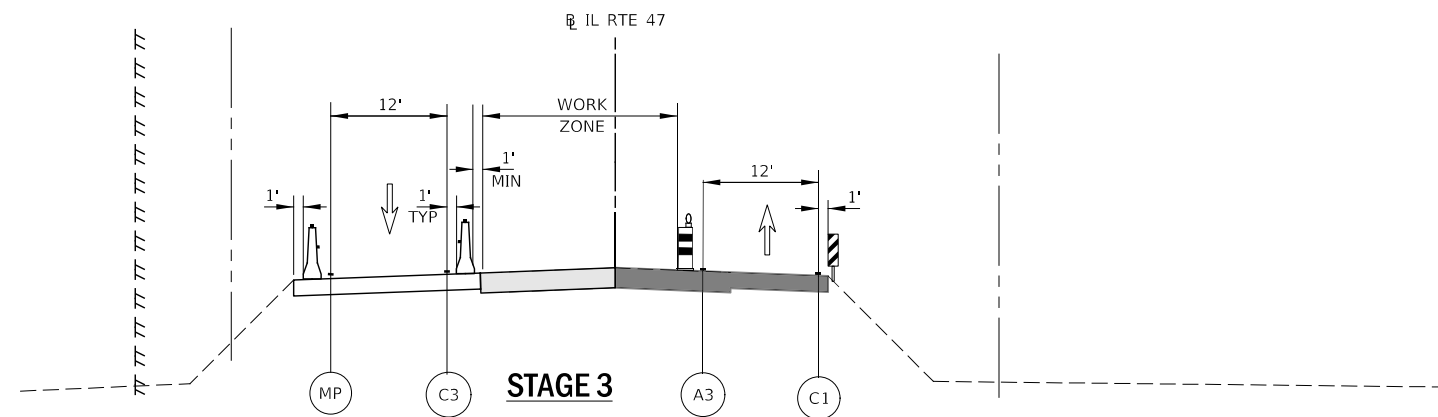
1. PROVIDE ONE LANE IN EACH DIRECTION. SOUTHBOUND TRAFFIC REMAINS IN SAME CONFIGURATION AS STAGE 2. NORTHBOUND TRAFFIC UTILIZES PROPOSED AND TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 2.
2. ON EAST SIDE OF SOUTHBOUND TEMPORARY PAVEMENT SET UP TEMPORARY CONCRETE BARRIER AS CONSTRUCTION WITHIN 8' OF SOUTHBOUND LANE FROM STA 19+70 TO STA 23+00 AND STA 40+40 TO STA 43+36.
3. ON WEST SIDE OF BUILT PAVEMENT SET UP TEMPORARY CONCRETE BARRIER AS EMBANKMENT EXCEEDS ALLOWABLE HEIGHT WITHOUT PROTECTION FROM STA 27+00 TO STA 35+78.
4. USE CHANNELIZATION DRUMS WITH STEADY BURNING LIGHT FOR NORTHBOUND LANES FROM STA 13+75 TO STA 47+02 WITH GAPS AT TEMPORARY CONCRETE BARRIER

FILE NAME = D:\22A80-shr-tac-typical-02.dgn

| | | | | | | | | | | | | |
|---|----------------------|----------------|---------------|---|---|-----------|---------------------|-----------------|--------------------|----------------|------------------|--------------|
| <p>KNIGHT Engineers & Architects</p> | USER NAME = c11ss | DESIGNED - CEL | REVISED - | <p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> | <p>SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL TYPICAL SECTION</p> | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 44 |
| | PLOT SCALE = 1:200 | DRAWN - CEL | CHECKED - JCM | | REVISED - | SCALE: NA | SHEET 2 OF 5 SHEETS | STA. TO STA. | CONTRACT NO. 62A80 | | | |
| PLOT DATE = 7/29/2020 | DATE - JULY 27, 2020 | REVISED - | REVISED - | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | |

TYPICAL LEGEND

- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) MODIFIED URETHANE PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- (_3) 4" YELLOW LINE
- [Hatched Box] CONSTRUCTION WORK ZONE
- [Diagonal Hatched Box] PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- [Solid Grey Box] PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- [Cross-hatched Box] TEMPORARY PAVEMENT PLACED IN THIS STAGE
- [White Box] TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- [Barrier Symbol] TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- [Drum Symbol] CHANNELIZATION DRUM
- [Arrow Symbol] DIRECTION OF TRAFFIC
- [Panel Symbol] DOUBLE SIDED VERTICAL PANEL



SEE BRIDGE PLANS FOR TYPICAL SECTION 056-0316 STA 31+37 TO STA 31+83

SEE SUPERELEVATION TRANSITION DIAGRAMS FOR CROWN CROSS SLOPES WITH STATIONING.

FILE NAME = D:\62A80-ht-sec-typical-03.dgn

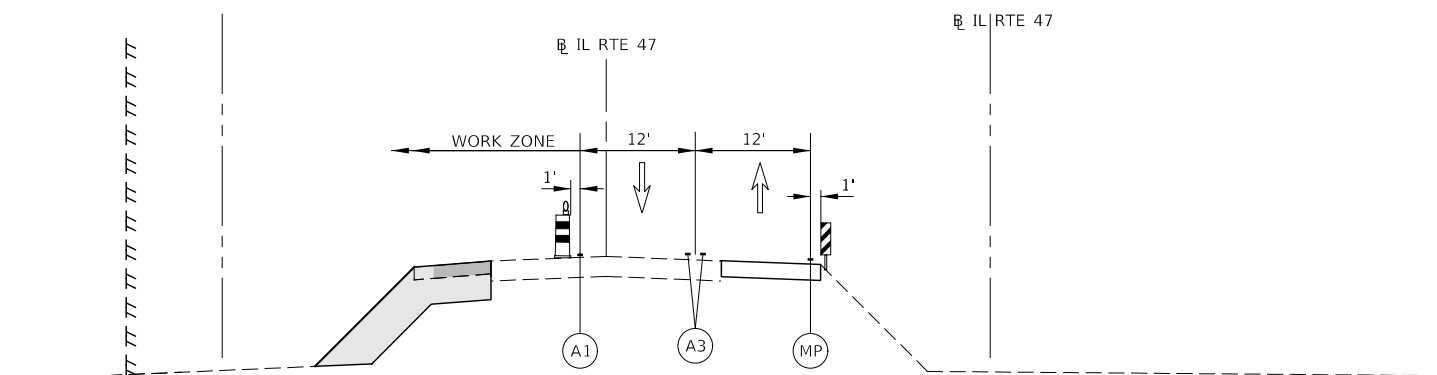


| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEO | REVISED - |
| PLOT SCALE = 1:20 | DRAWN - CEO | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

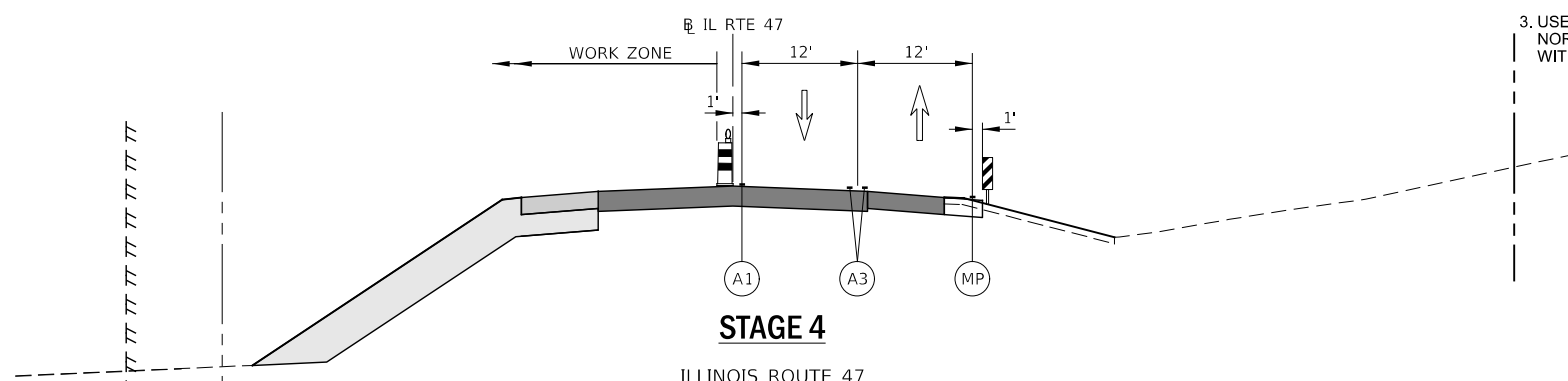
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL | |
|--|----------------------------------|
| TYPICAL SECTION | |
| SCALE: | SHEET 3 OF 5 SHEETS STA. TO STA. |

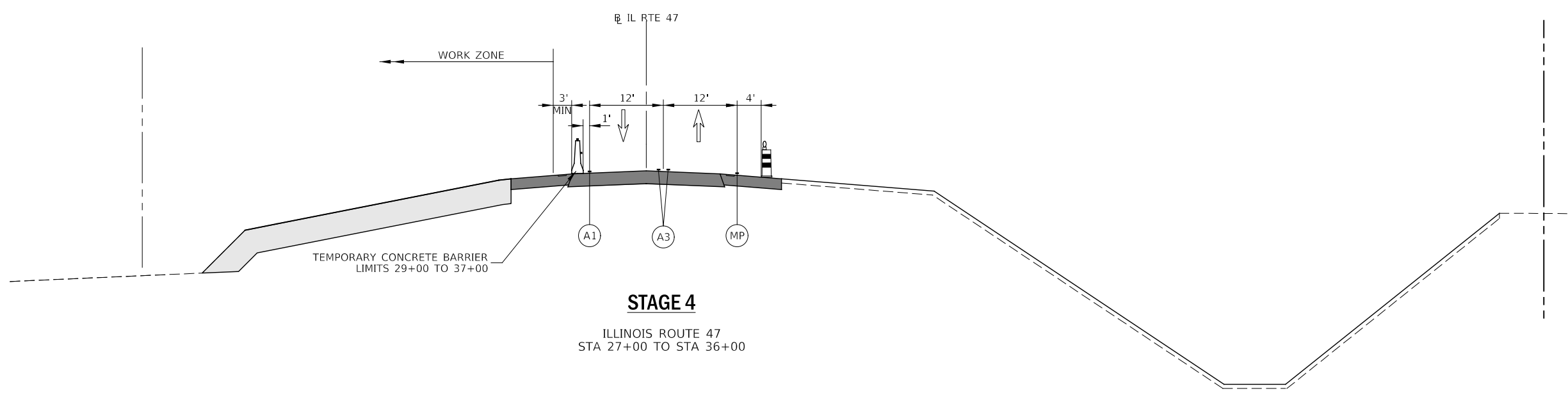
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 45 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



STAGE 4
ILLINOIS ROUTE 47
STA 13+96 TO STA 19+50
STA 43+50 TO STA 47+03



STAGE 4
ILLINOIS ROUTE 47
STA 19+50 TO STA 27+00
STA 36+00 TO STA 43+50



STAGE 4
ILLINOIS ROUTE 47
STA 27+00 TO STA 36+00

NOTES:

***SUGGESTED STAGE 4 CONSTRUCTION**

1. CONSTRUCT SOUTHBOUND SHOULDER FROM STA 19+70 TO STA 27+00 AND STA 36+00 TO STA 43+50.
2. REMOVE EXISTING BRIDGE SN 056-0025.
3. REMOVE EXISTING PAVEMENT AND DRAINAGE STRUCTURES.
4. COMPLETE INSTALLATION OF WILDLIFE CROSSING SN 056-0399.
5. CONSTRUCT DRAINAGE ITEMS ON THE WEST SIDE OF ILLINOIS ROUTE 47.
6. EARTHWORK OPERATIONS ON THE WEST SIDE OF ILLINOIS ROUTE 47.
7. PLACE FINAL PAVEMENT MARKING.
8. RESTORE 6' AGGREGATE SHLDS B 10 AND HMA SHOULDERS 10 1/4 ON WEST SIDE OF ILLINOIS ROUTE 47 FROM STATIONS 11+50 TO STA 19+71 AND FROM STA 43+50 TO STA 50+30. SEE PROPOSED TYPICAL SECTION FOR SHOULDER INFORMATION.

TRAFFIC CONTROL

1. PROVIDE ONE LANE IN EACH DIRECTION. NORTHBOUND TRAFFIC REMAINS IN SAME CONFIGURATION AS STAGE 3. SOUTHBOUND TRAFFIC UTILIZES PROPOSED PAVEMENT CONSTRUCTED IN STAGE 3.
2. MAINTAIN TEMPORARY CONCRETE BARRIER ON NEW ALIGNMENT OF ILLINOIS ROUTE 47 FROM PREVIOUS STAGE AND EXTEND TO STA 37+00. REMOVE REMAINING TEMPORARY CONCRETE BARRIER
3. USE CHANNELIZATION DRUMS WITH STEADY BURNING LIGHT FOR NORTHBOUND AND SOUTHBOUND LANES FROM STA 13+75 TO STA 47+02 WITH GAPS AT TEMPORARY CONCRETE BARRIER

TYPICAL LEGEND

- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) MODIFIED URETHANE PAVEMENT MARKING
- (-1) 4" WHITE LINE
- (-2) 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- (-3) 4" YELLOW LINE
- [Hatched Box] CONSTRUCTION WORK ZONE
- [Diagonal Hatched Box] PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- [Solid Grey Box] PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- [Cross-hatched Box] TEMPORARY PAVEMENT PLACED IN THIS STAGE
- [White Box] TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- [Barrier Symbol] TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- [Drum Symbol] CHANNELIZATION DRUM
- [Arrow Symbol] DIRECTION OF TRAFFIC
- [Panel Symbol] DOUBLE SIDED VERTICAL PANEL

SEE BRIDGE PLANS FOR TYPICAL SECTION 056-0316 STA 31+37 TO STA 31+83
SEE SUPERELEVATION TRANSITION DIAGRAMS FOR CROWN CROSS SLOPES WITH STATIONING.

FILE NAME = D:\22A80-shr-tac-typical-04.dgn



| | | |
|-----------------------|------------------------|-----------|
| USER NAME = jmurillo | DESIGNED - CEO | REVISED - |
| PLOT SCALE = 1:20 | DRAWN - CEO | REVISED - |
| PLOT DATE = 8/12/2020 | CHECKED - JCM | REVISED - |
| | DATE - AUGUST 12, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL | |
|--|----------------------------------|
| TYPICAL SECTION | |
| SCALE: | SHEET 4 OF 5 SHEETS STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 46 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

TYPICAL LEGEND

- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) MODIFIED URETHANE PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- (_3) 4" YELLOW LINE
- [] CONSTRUCTION WORK ZONE
- [/] PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- [\] PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- [X] TEMPORARY PAVEMENT PLACED IN THIS STAGE
- [] TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- [] TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- [] CHANNELIZATION DRUM
- [] DIRECTION OF TRAFFIC
- [] DOUBLE SIDED VERTICAL PANEL

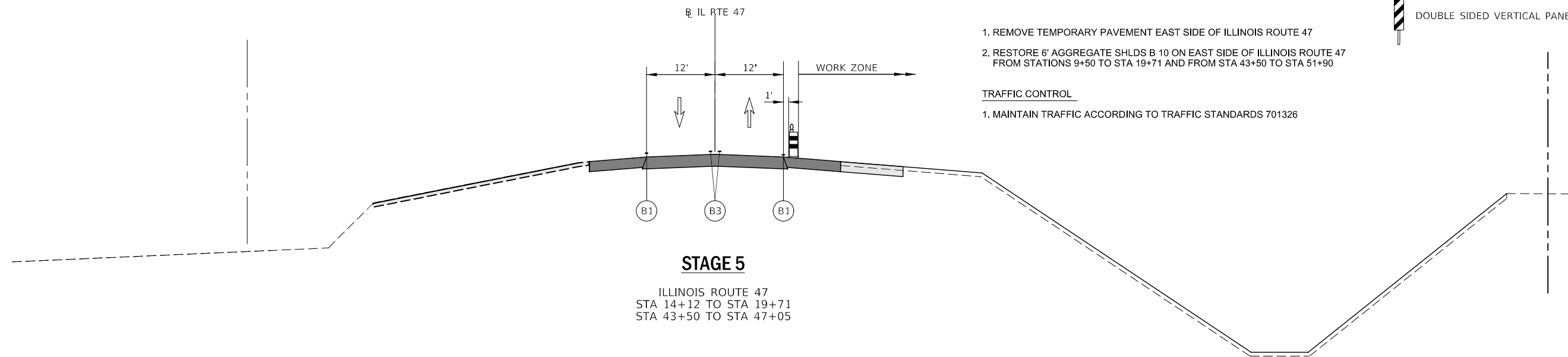
NOTES:

*SUGGESTED STAGE 5 CONSTRUCTION

1. REMOVE TEMPORARY PAVEMENT EAST SIDE OF ILLINOIS ROUTE 47
2. RESTORE 6' AGGREGATE SHLDS B 10 ON EAST SIDE OF ILLINOIS ROUTE 47 FROM STATIONS 9+50 TO STA 19+71 AND FROM STA 43+50 TO STA 51+90

TRAFFIC CONTROL

1. MAINTAIN TRAFFIC ACCORDING TO TRAFFIC STANDARDS 701326



STAGE 5

ILLINOIS ROUTE 47
 STA 14+12 TO STA 19+71
 STA 43+50 TO STA 47+05

NOTES

1. SEE BRIDGE PLANS FOR TYPICAL SECTION 056-0316 STA 31+37 TO STA 31+83
2. SEE SUPERELEVATION TRANSITION DIAGRAMS FOR CROWN CROSS SLOPES WITH STATIONING.

FILE NAME = D:\22A80-shr-tac-typical-05.dgn



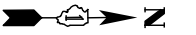
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|-----------------------|----------------------|-----------|
| USER NAME = cliss | DESIGNED - CEO | REVISED - |
| | DRAWN - CEO | REVISED - |
| PLOT SCALE = 1:20 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
 TYPICAL SECTION**

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

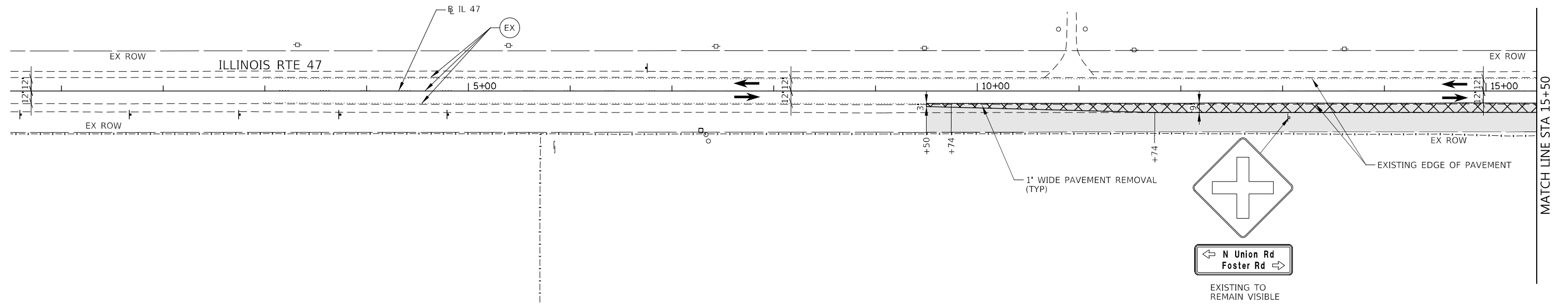
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 47 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



FOR TEMPORARY PAVEMENT CONSTRUCTION USE HIGHWAY STANDARDS
NO. 701006 AND 701326

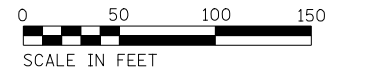
MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |



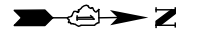
NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.



FILE NAME = D:\62A80-shr-t-coging_00_01.dgn

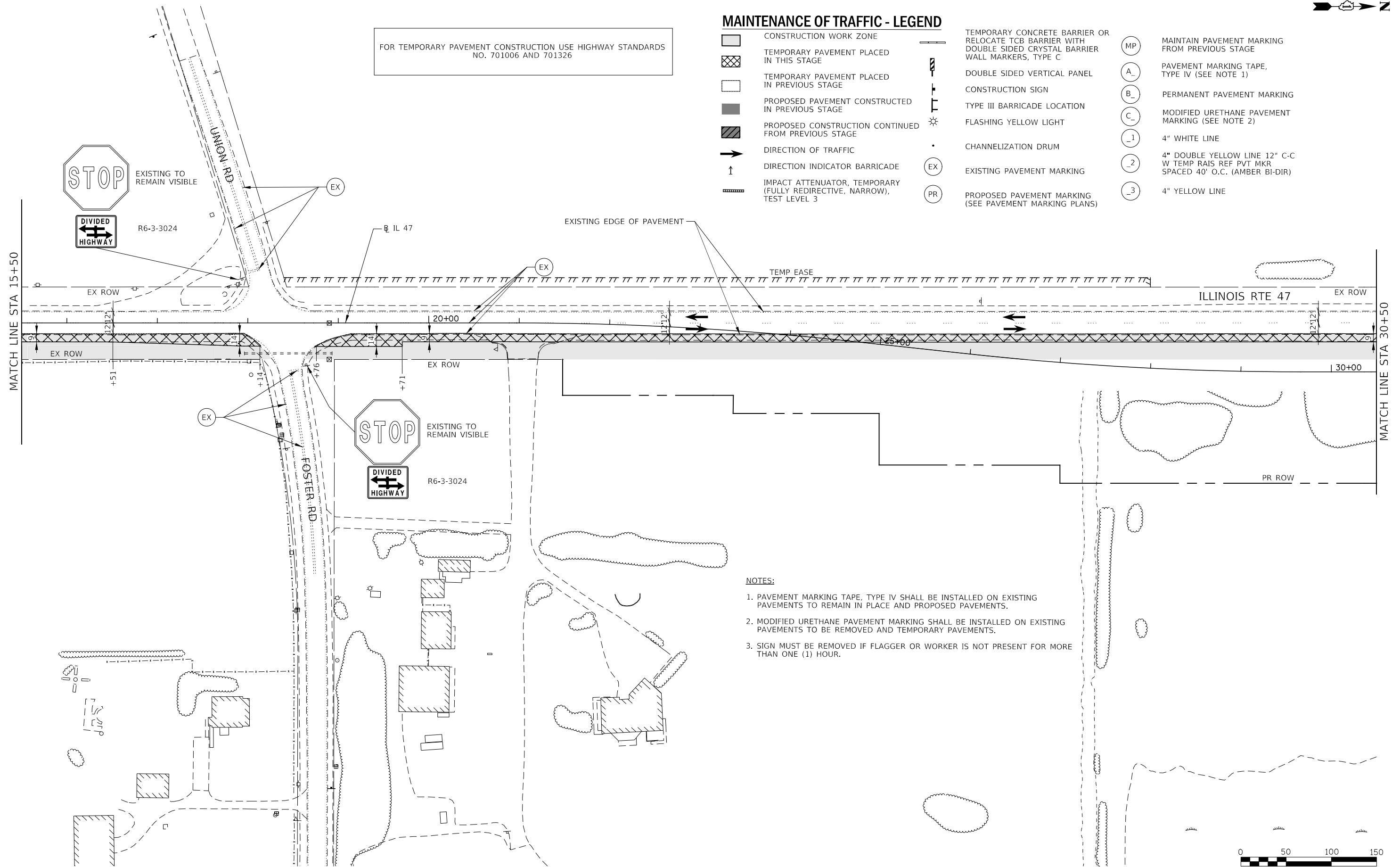
| | | | | | | | | | | | | |
|---|-----------------------|----------------------|-----------|---|--|---------|-------------|---|--------------------|--------------------|------------------|--------------|
| KNIGHT Engineers & Architects | USER NAME = c1rs | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC PRESTAGE ILLINOIS ROUTE 47 | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 48 |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 1 | OF 4 SHEETS | STA. 0+50 | TO STA. 15+50 | CONTRACT NO. 62A80 | | |
| | PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



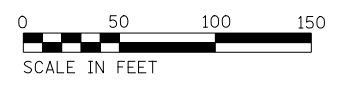
FOR TEMPORARY PAVEMENT CONSTRUCTION USE HIGHWAY STANDARDS NO. 701006 AND 701326

MAINTENANCE OF TRAFFIC - LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT PLACED IN THIS STAGE
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- DIRECTION OF TRAFFIC
- DIRECTION INDICATOR BARRICADE
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- DOUBLE SIDED VERTICAL PANEL
- CONSTRUCTION SIGN
- TYPE III BARRICADE LOCATION
- FLASHING YELLOW LIGHT
- CHANNELIZATION DRUM
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1)
- PERMANENT PAVEMENT MARKING
- MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2)
- 4" WHITE LINE
- 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- 4" YELLOW LINE



- NOTES:**
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.



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| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

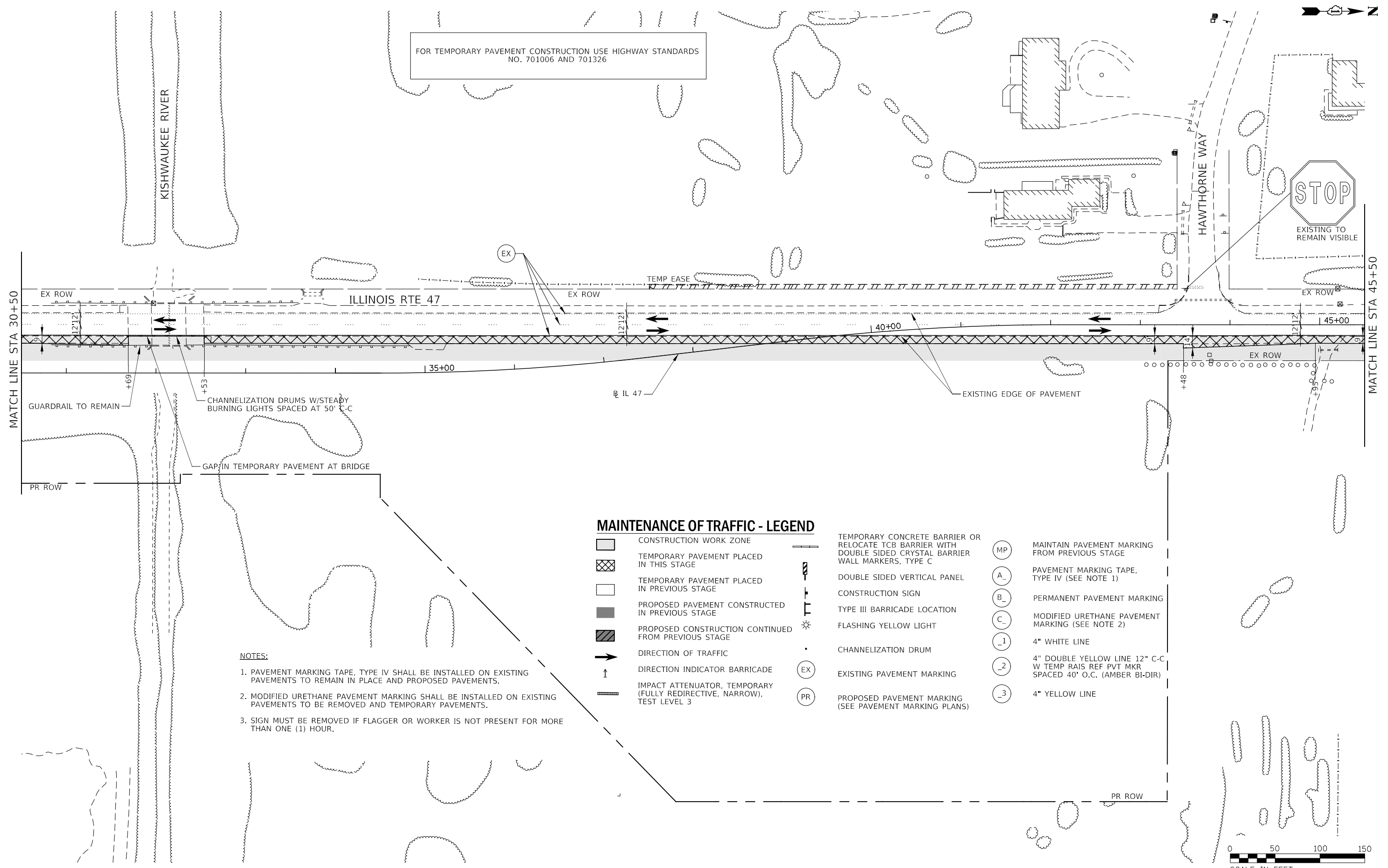
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRESTAGE
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 15+50 TO STA. 30+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 49 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

FOR TEMPORARY PAVEMENT CONSTRUCTION USE HIGHWAY STANDARDS NO. 701006 AND 701326

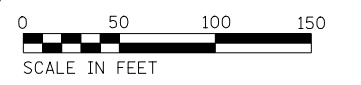


NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.

MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | | |
|--|--|--|---|--|----|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MP | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | A_ | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | B_ | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | C_ | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | _1 | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | _2 | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | _3 | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | | |



FILE NAME : D:\22A80-shr-t-loging_00_03.dgn

| | | | |
|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

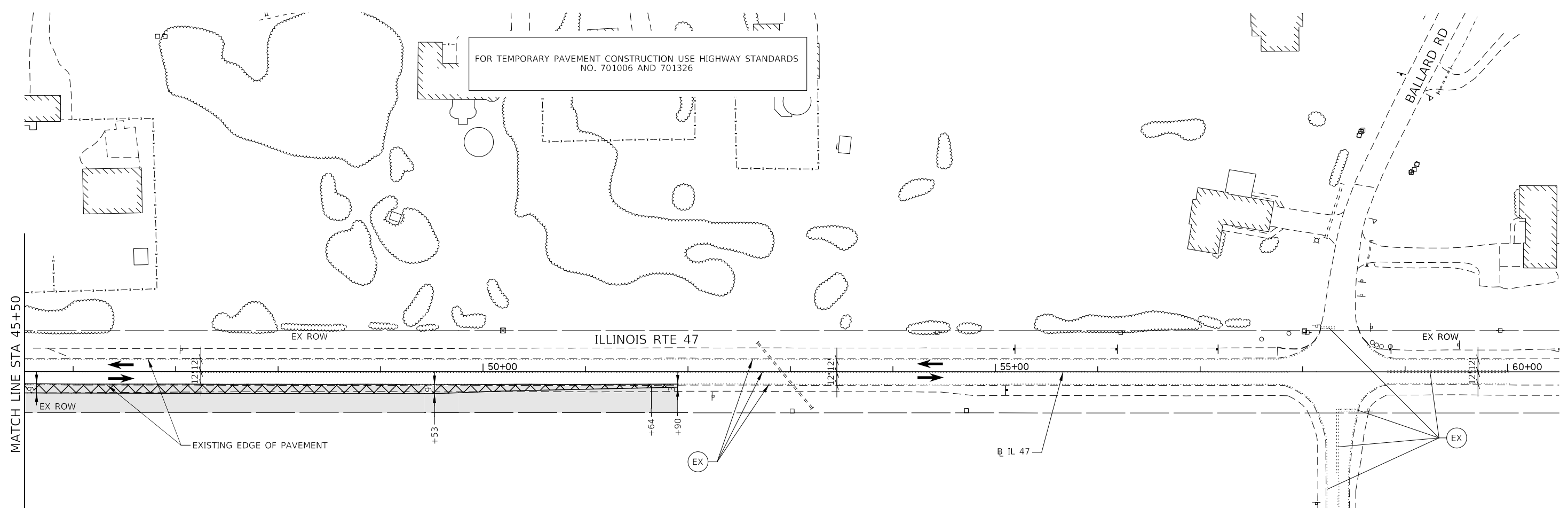
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRESTAGE
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 30+50 TO STA. 45+50

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 50 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

FOR TEMPORARY PAVEMENT CONSTRUCTION USE HIGHWAY STANDARDS
NO. 701006 AND 701326

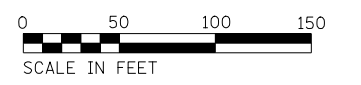


MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |

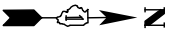
NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.



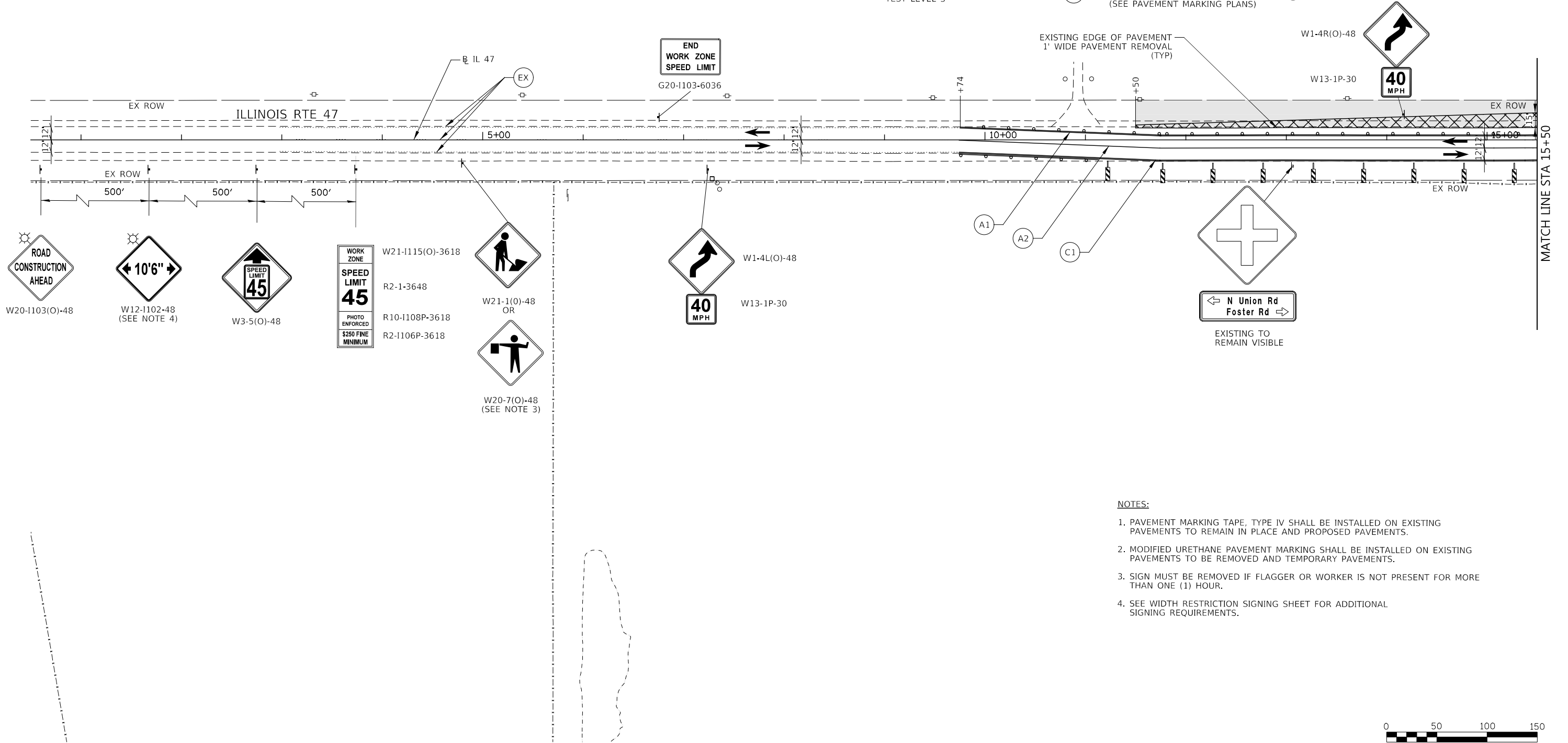
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|---|----------------------|----------------|-----------|---|---|---------|-------------|--------------------------|---------------------------|----------------|------------------|--------------|--|--|--|
| <p>KNIGHT Engineers & Architects</p> | USER NAME = c1iss | DESIGNED - CEL | REVISED - | <p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> | <p>MAINTENANCE OF TRAFFIC PRESTAGE ILLINOIS ROUTE 47</p> | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 51 | | | |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 4 | OF 4 SHEETS | STA. 45+50 TO STA. 60+50 | <p>CONTRACT NO. 62A80</p> | | | | | | |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | <p>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</p> | | | | | | | | | | | |



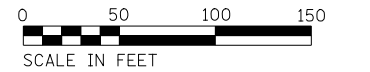
MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |



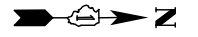
NOTES:

- PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
- MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
- SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
- SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.



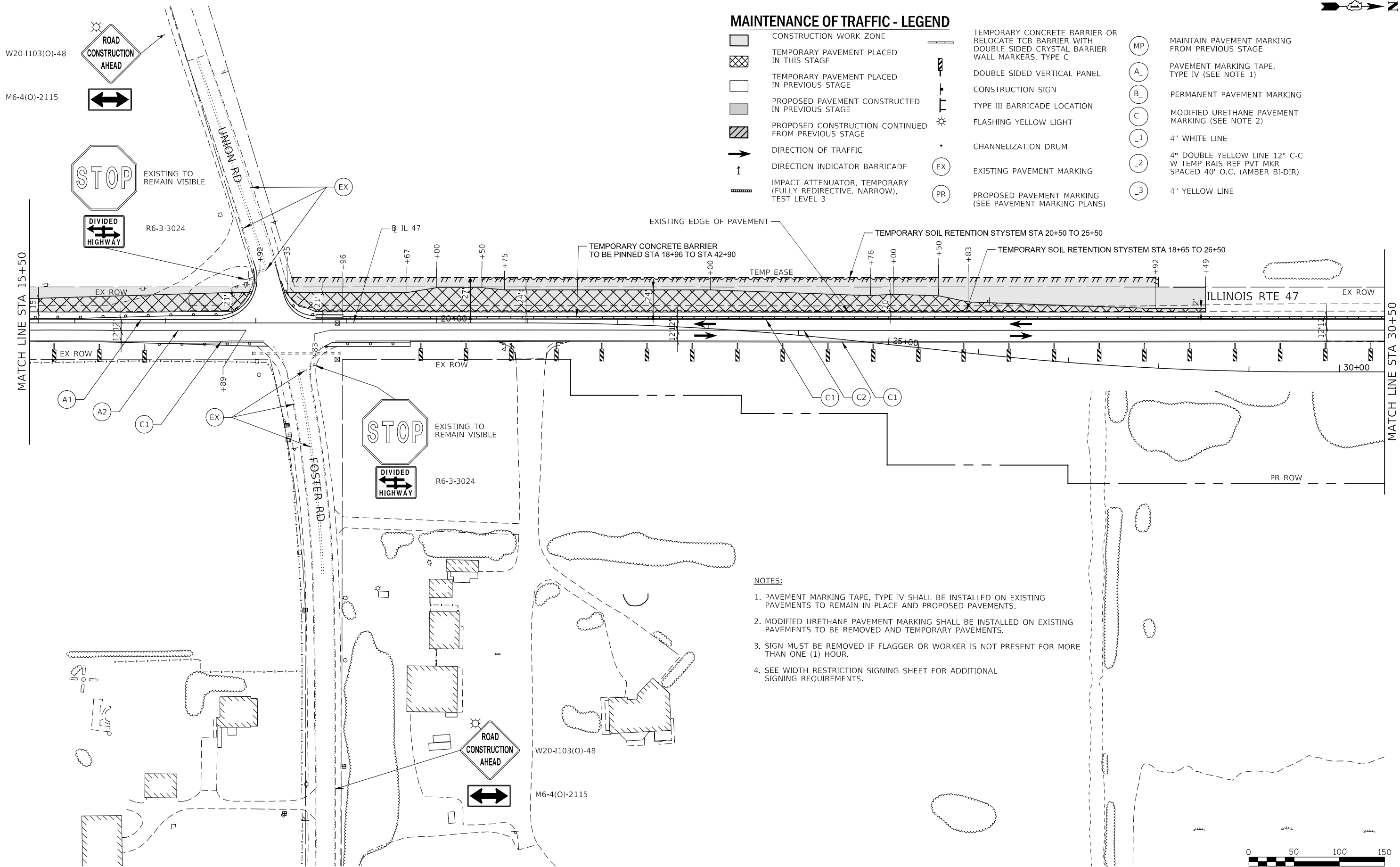
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| | | | | | | | | | | | | |
|---|----------------------|----------------|-----------|---|---|---------|-------------|-----------------|--------------------|--------------------|------------------|--------------|
| Engineers & Architects | USER NAME = c1rs | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC STAGE 1 ILLINOIS ROUTE 47 | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 52 |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 1 | OF 4 SHEETS | STA. 0+50 | TO STA. 15+50 | CONTRACT NO. 62A80 | | |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | | | | | | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | | | | | |



MAINTENANCE OF TRAFFIC - LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT PLACED IN THIS STAGE
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- DIRECTION OF TRAFFIC
- DIRECTION INDICATOR BARRICADE
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- DOUBLE SIDED VERTICAL PANEL
- CONSTRUCTION SIGN
- TYPE III BARRICADE LOCATION
- FLASHING YELLOW LIGHT
- CHANNELIZATION DRUM
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1)
- PERMANENT PAVEMENT MARKING
- MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2)
- 4" WHITE LINE
- 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- 4" YELLOW LINE



NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.



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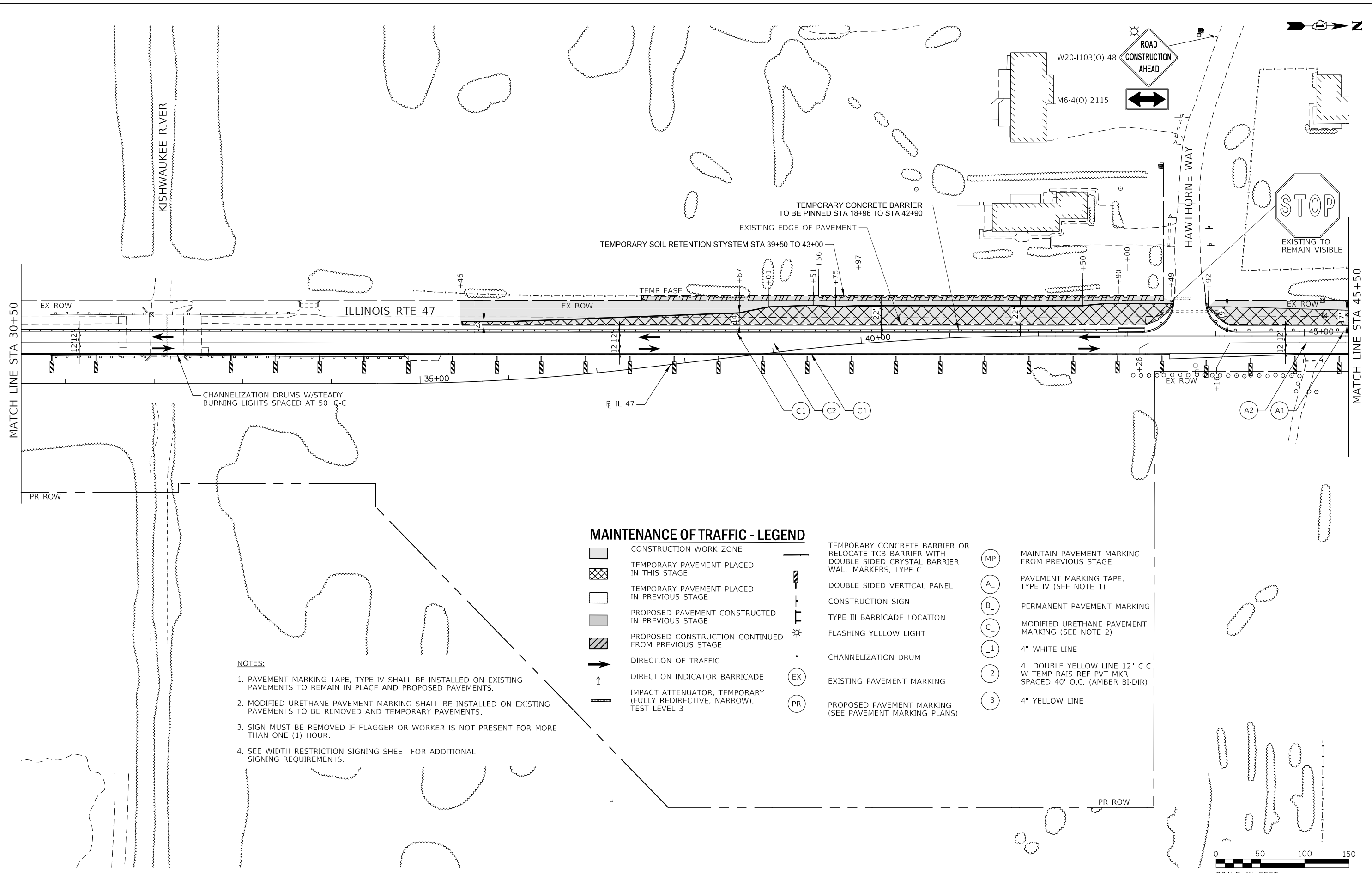
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| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/28/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|---------|-------------|--------------------------|
| MAINTENANCE OF TRAFFIC STAGE 1 ILLINOIS ROUTE 47 | | | |
| SCALE: 1" = 50' | SHEET 2 | OF 4 SHEETS | STA. 15+50 TO STA. 30+50 |

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 53 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

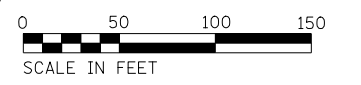
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- NOTES:**
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
 4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.

MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | | |
|--|--|--|---|--|----|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MP | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | A_ | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | B_ | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | C_ | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | _1 | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | _2 | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | _3 | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | | |



KNIGHT
Engineers & Architects

| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/28/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

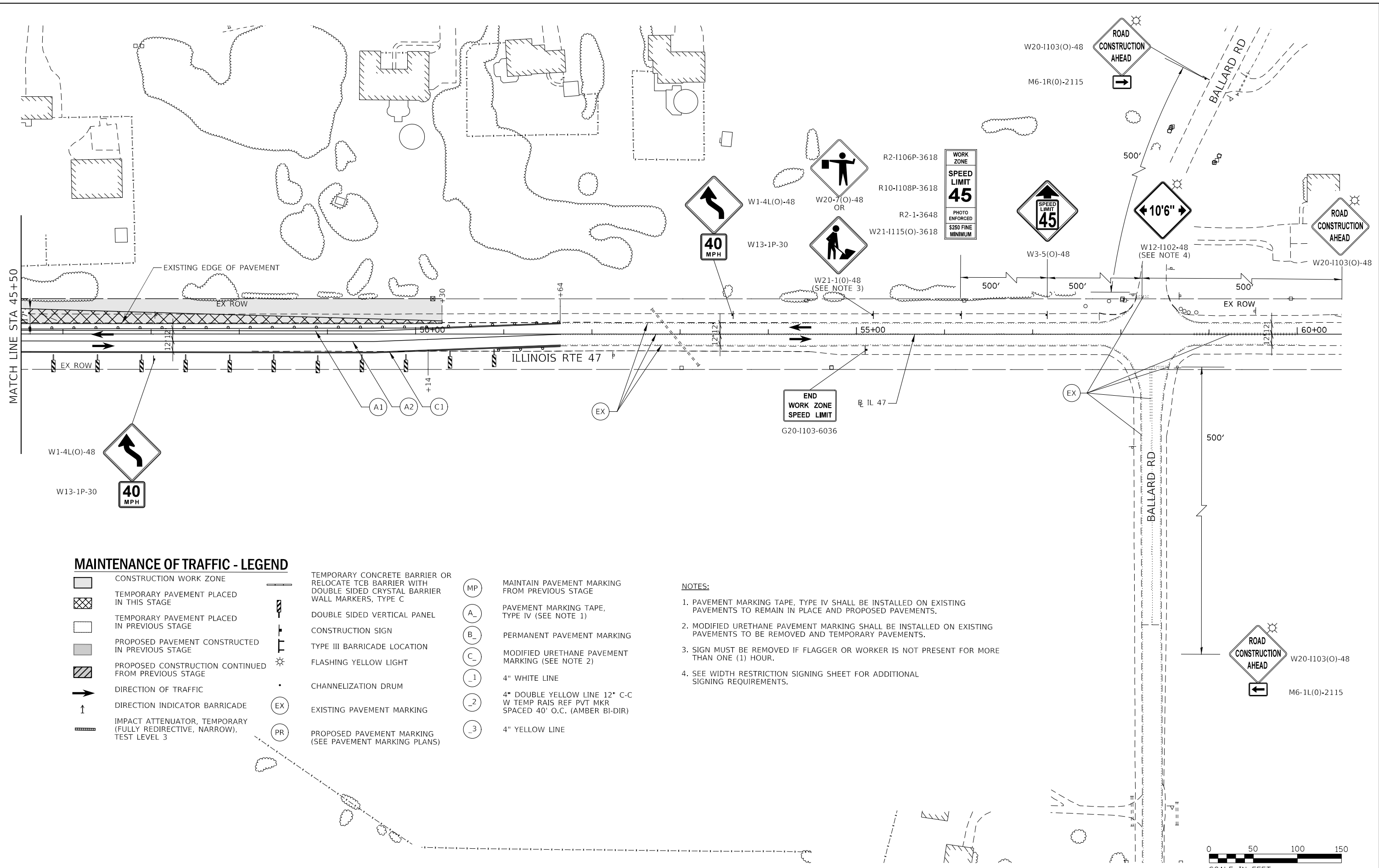
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 30+50 TO STA. 45+50

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 54 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

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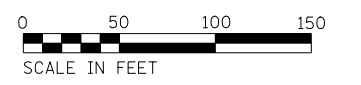


MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |

NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.



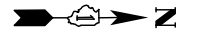
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|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1
ILLINOIS ROUTE 47**

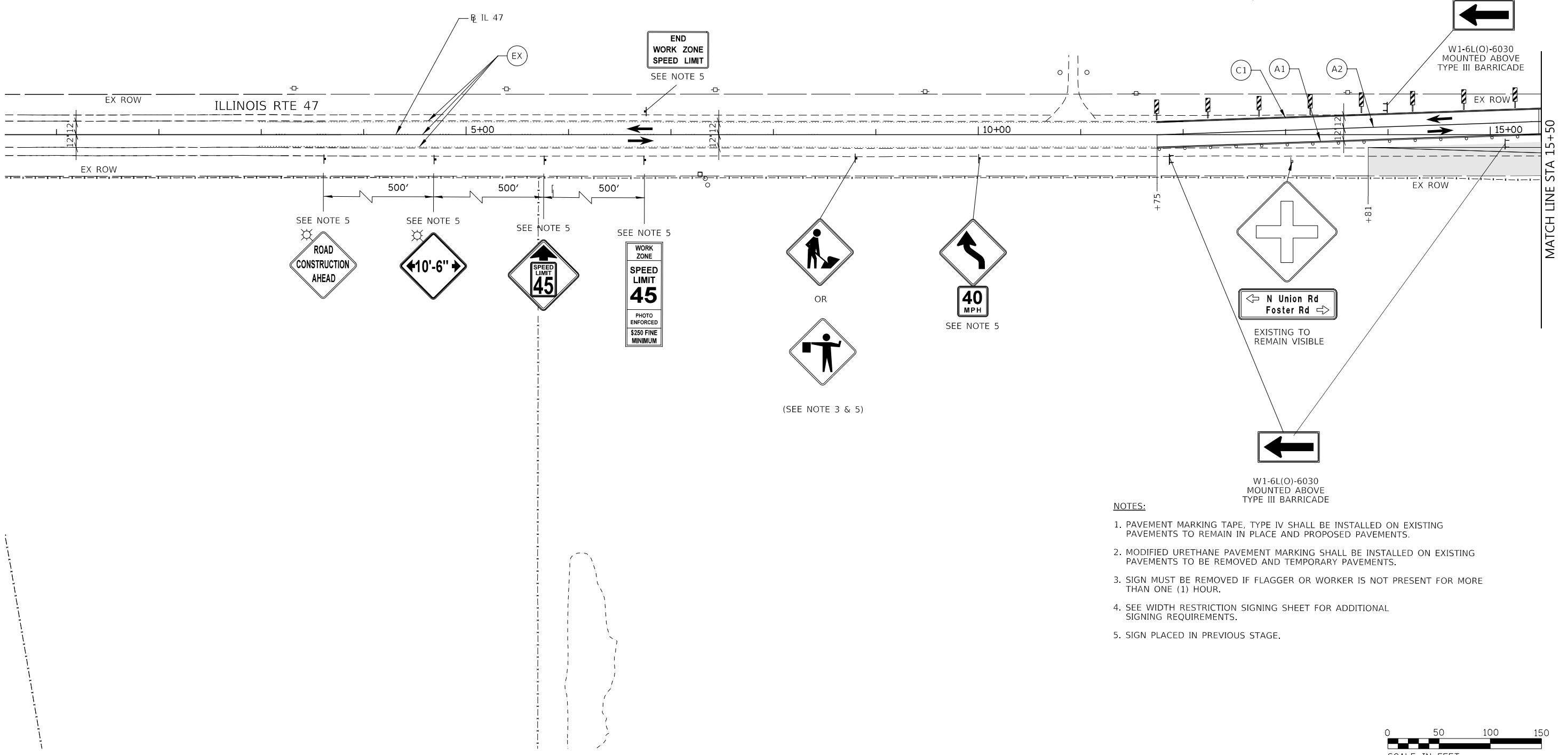
SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. 45+50 TO STA. 60+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 55 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40" O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |



- NOTES:**
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
 4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
 5. SIGN PLACED IN PREVIOUS STAGE.



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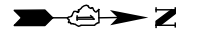
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| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2
ILLINOIS ROUTE 47**

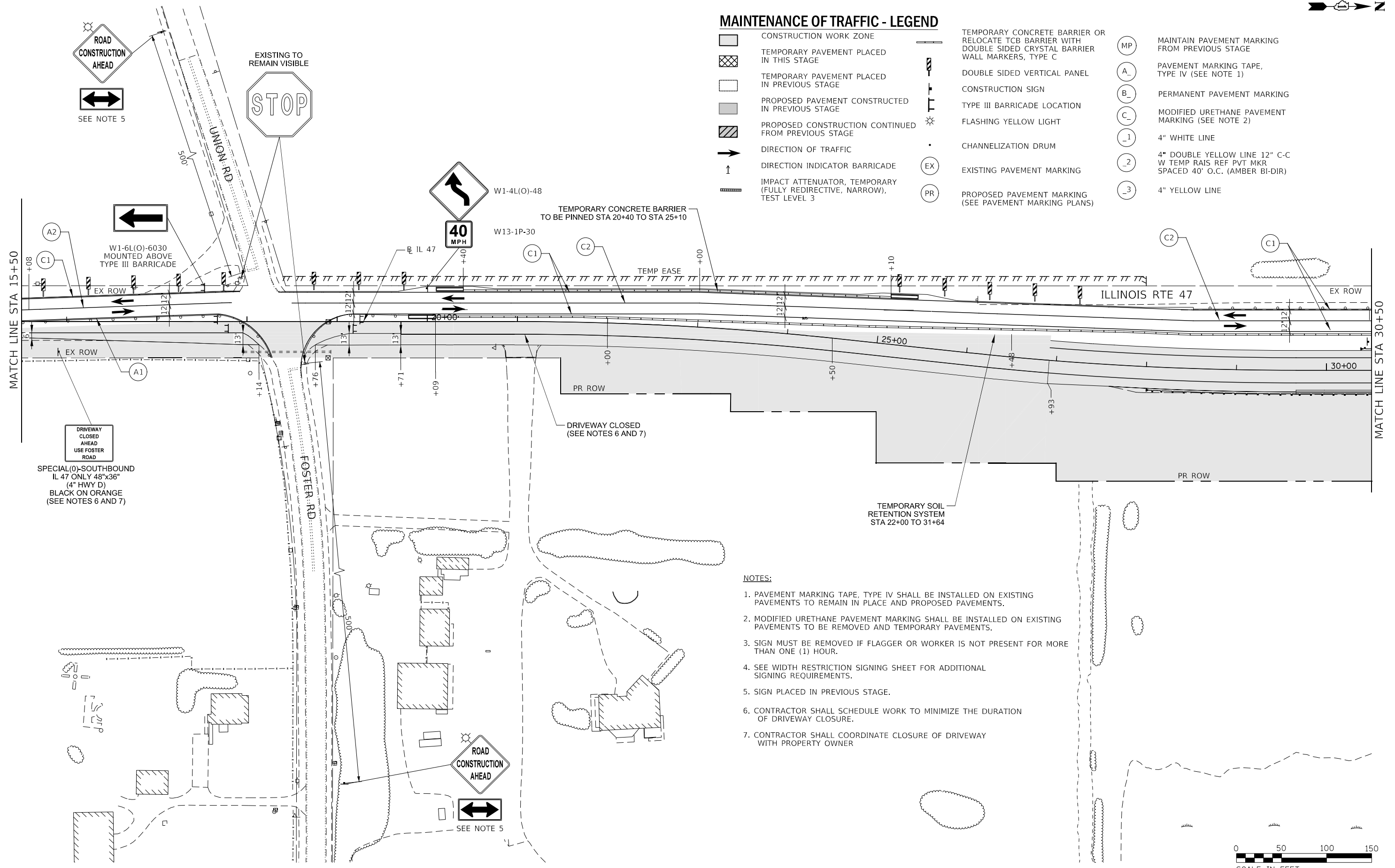
SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. 0+50 TO STA. 15+50

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 56 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



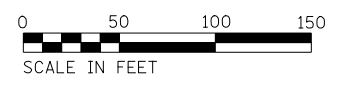
MAINTENANCE OF TRAFFIC - LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT PLACED IN THIS STAGE
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE
- DIRECTION OF TRAFFIC
- DIRECTION INDICATOR BARRICADE
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C
- DOUBLE SIDED VERTICAL PANEL
- CONSTRUCTION SIGN
- TYPE III BARRICADE LOCATION
- FLASHING YELLOW LIGHT
- CHANNELIZATION DRUM
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE
- PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1)
- PERMANENT PAVEMENT MARKING
- MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2)
- 4" WHITE LINE
- 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR)
- 4" YELLOW LINE



NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
5. SIGN PLACED IN PREVIOUS STAGE.
6. CONTRACTOR SHALL SCHEDULE WORK TO MINIMIZE THE DURATION OF DRIVEWAY CLOSURE.
7. CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAY WITH PROPERTY OWNER



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KNIGHT
Engineers & Architects

| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c1ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

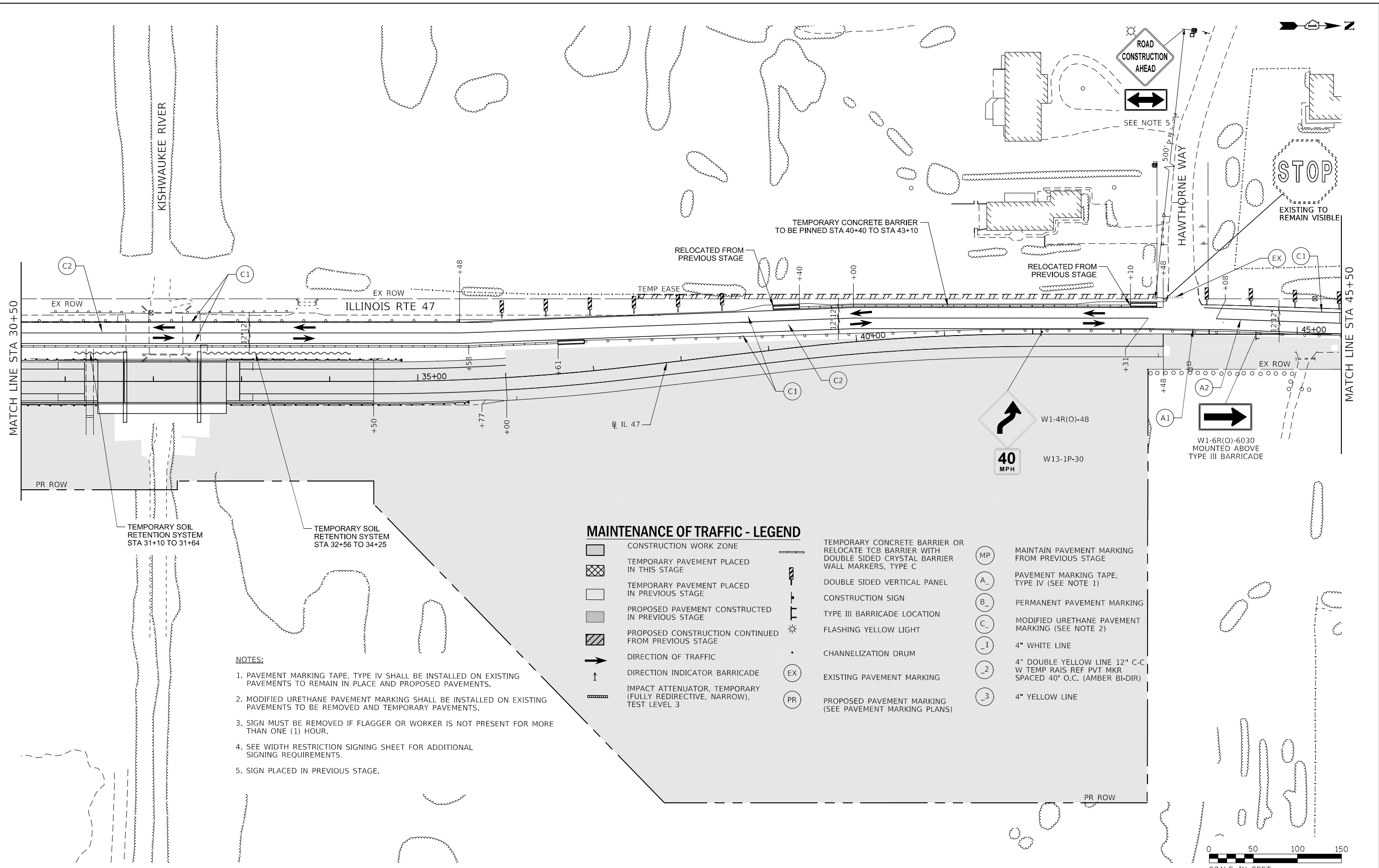
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 15+50 TO STA. 30+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 57 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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- NOTES:**
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
 4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
 5. SIGN PLACED IN PREVIOUS STAGE.

MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |

KNIGHT
Engineers & Architects

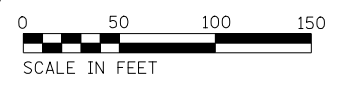
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| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/27/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

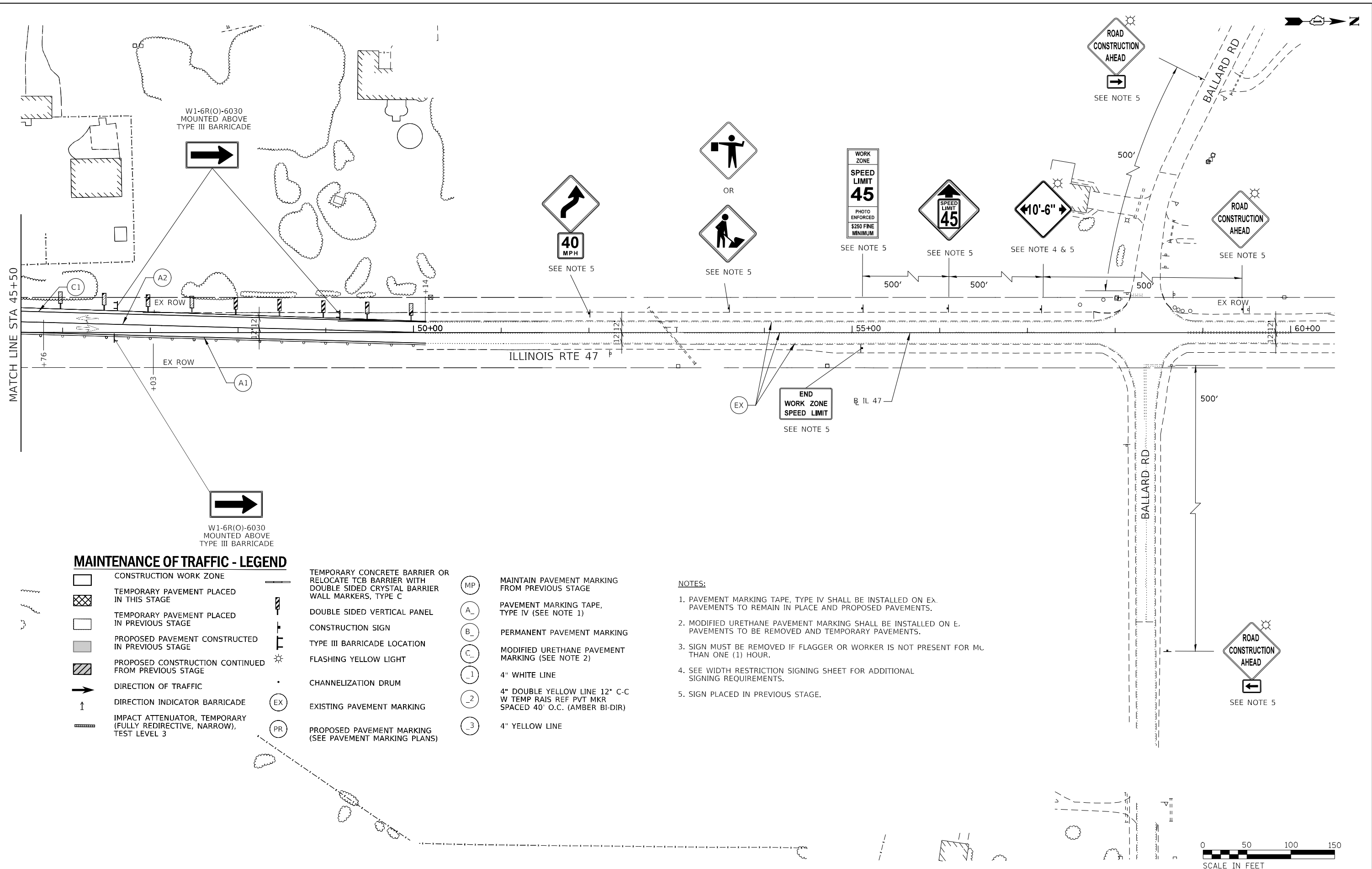
**MAINTENANCE OF TRAFFIC
STAGE 2
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 30+50 TO STA. 45+50

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 58 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



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MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |

NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EX. PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON E. PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
5. SIGN PLACED IN PREVIOUS STAGE.



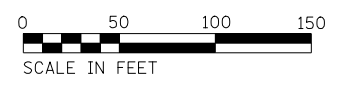
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| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

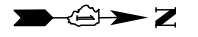
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. 45+50 TO STA. 60+50

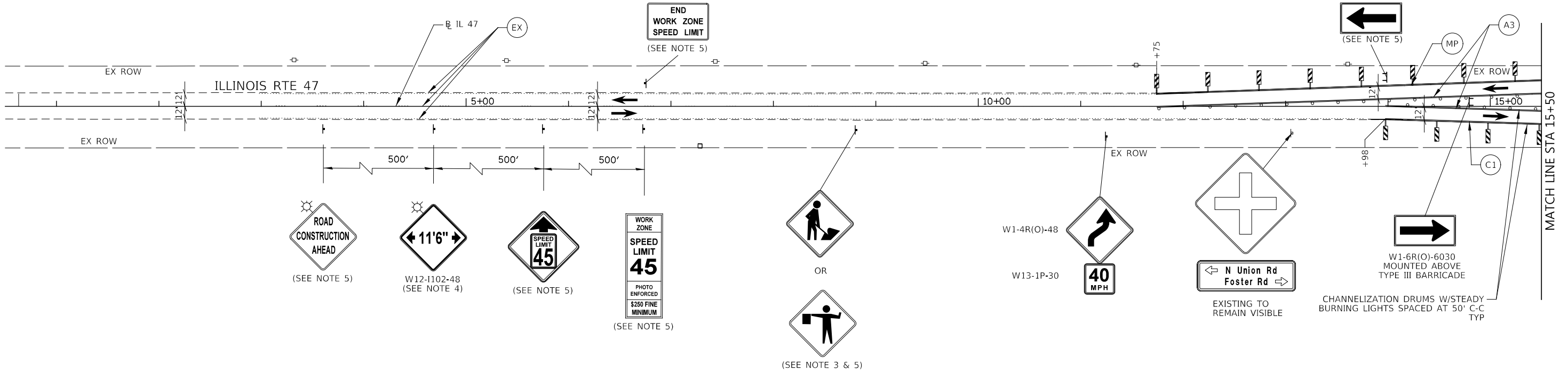
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|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 59 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |





MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |

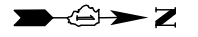


- NOTES:**
- PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 - MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 - SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
 - SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
 - SIGN PLACED IN PREVIOUS STAGE.



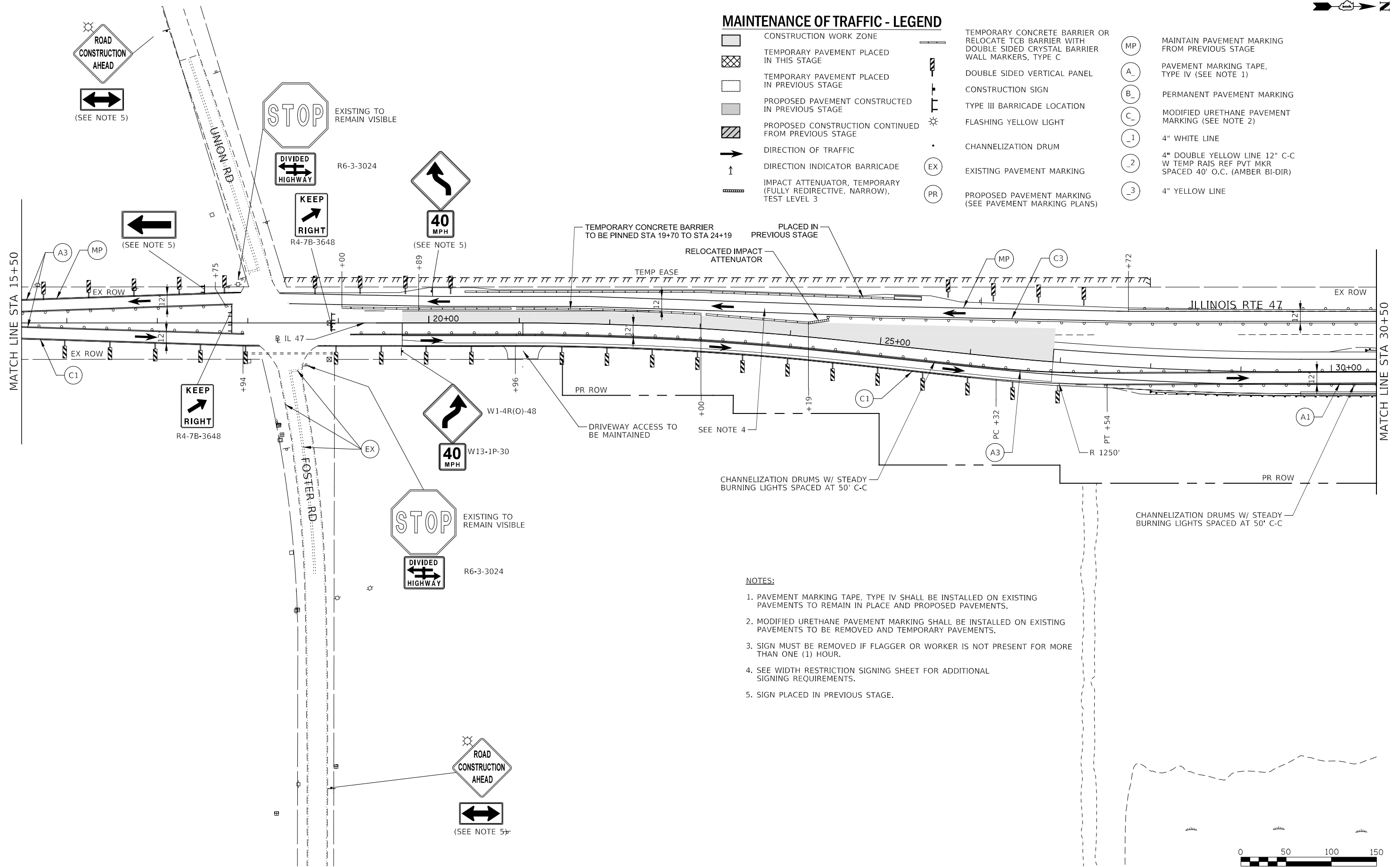
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|-----------------------|----------------------|----------------|------------|---|---|--------------------|------------|---------|--------------|-----------|
| | USER NAME = cliss | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC STAGE 3 ILLINOIS ROUTE 47 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - | | | 326 | (105XB)B-R | MCHENRY | 223 | 60 |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISIED - | REVISIED - | SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. 0+50 TO STA. 15+50 | | CONTRACT NO. 62A80 | | | | |
| | DATE - JULY 27, 2020 | REVISIED - | REVISIED - | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | |



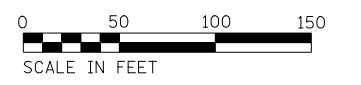
MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |



NOTES:

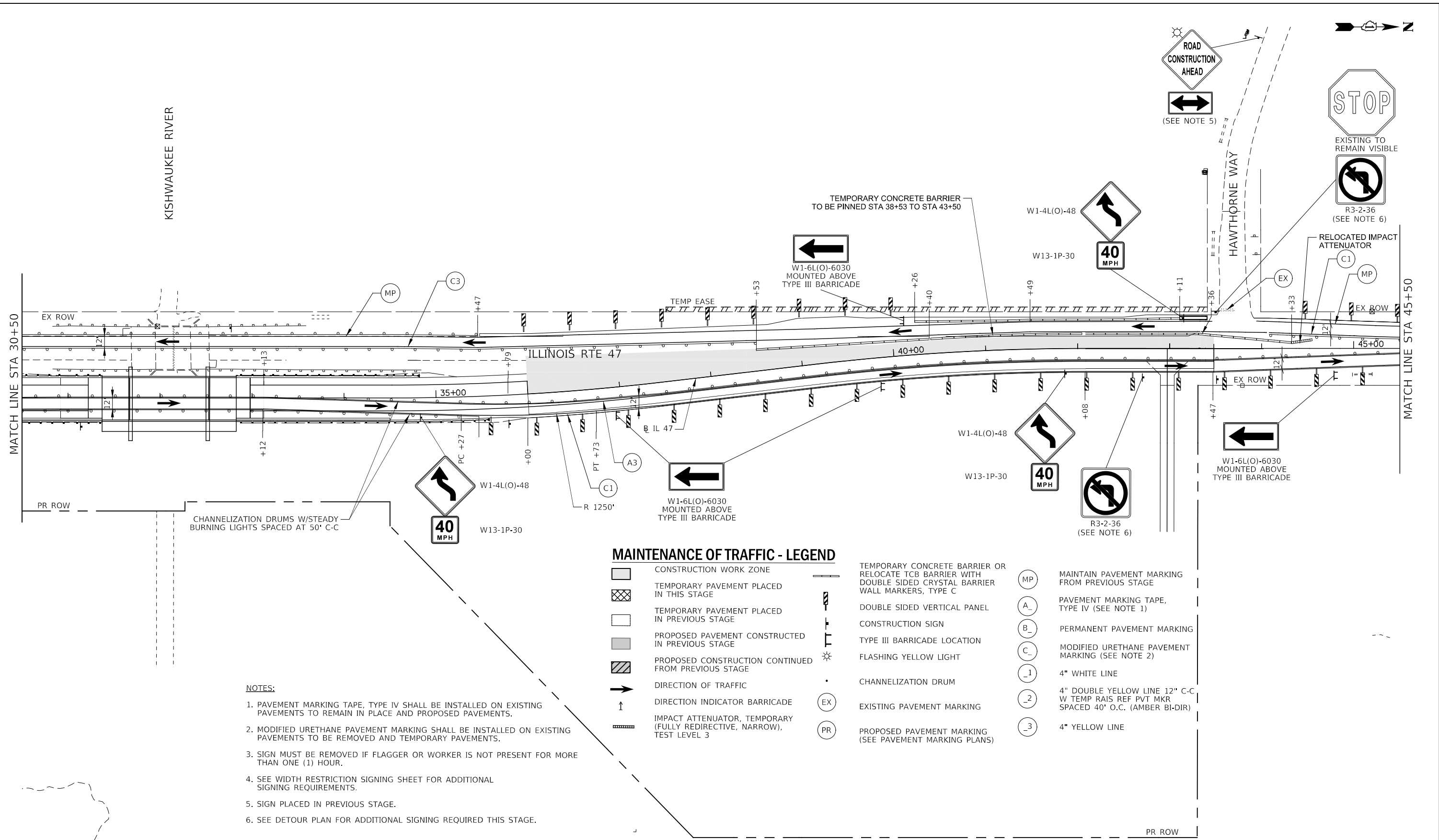
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
5. SIGN PLACED IN PREVIOUS STAGE.



FILE NAME = D:\62A80-shr-t-coing-03_02.dgn

| | | | | | | | | | | | | |
|-----------------------|----------------------|----------------|-----------|---|---|---------|-------------|-----------------|--------------------|--------------------|------------------|--------------|
| | USER NAME = c1iss | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC STAGE 3 ILLINOIS ROUTE 47 | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 61 |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 2 | OF 4 SHEETS | STA. 15+50 | TO STA. 30+50 | CONTRACT NO. 62A80 | | |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | REVISED - | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | |

FILE NAME = D:\22A80-shr-t-coing-03.dgn



- NOTES:**
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
 4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
 5. SIGN PLACED IN PREVIOUS STAGE.
 6. SEE DETOUR PLAN FOR ADDITIONAL SIGNING REQUIRED THIS STAGE.

MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | CHANNELIZATION DRUM | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | EXISTING PAVEMENT MARKING | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | | | |



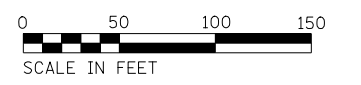
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|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

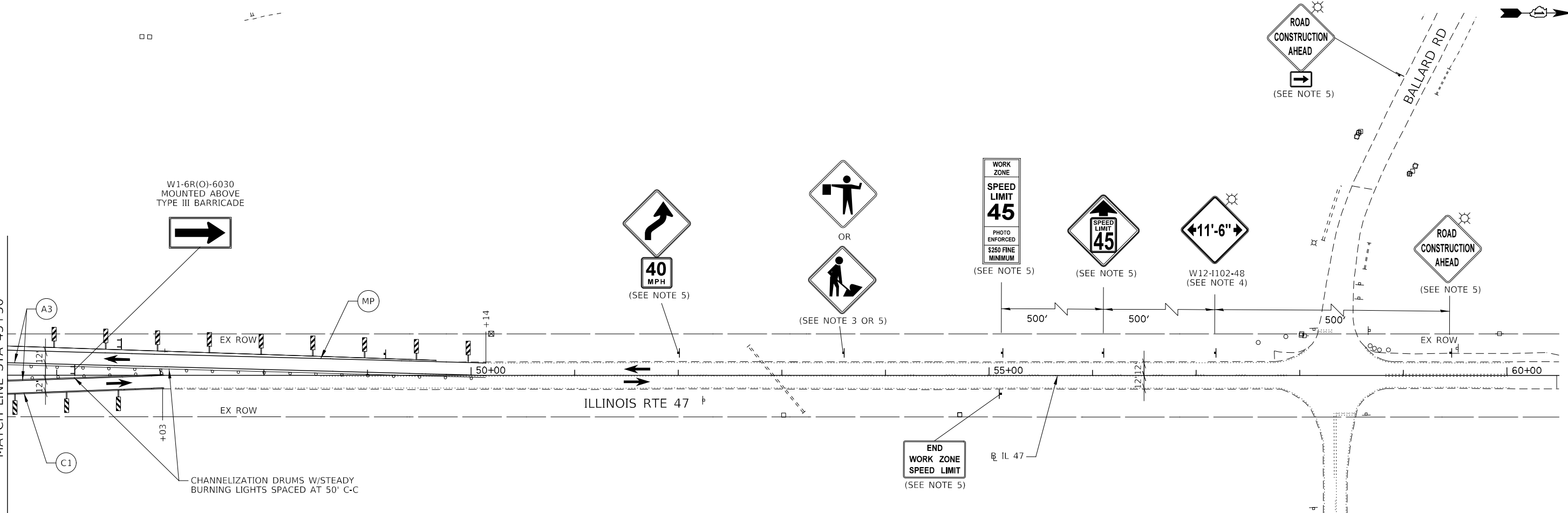
**MAINTENANCE OF TRAFFIC
STAGE 3
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 30+50 TO STA. 45+50

| | | | | |
|---|--------------------|----------------|------------------|--------------------|
| F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 62 |
| | | | | CONTRACT NO. 62A80 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA 45+50

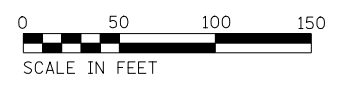


MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | | |
|--|--|--|---|--|----|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MP | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | A_ | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | B_ | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | C_ | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | -1 | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | -2 | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | -3 | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | | |

NOTES:

1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
5. SIGN PLACED IN PREVIOUS STAGE.



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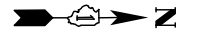
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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3
ILLINOIS ROUTE 47**

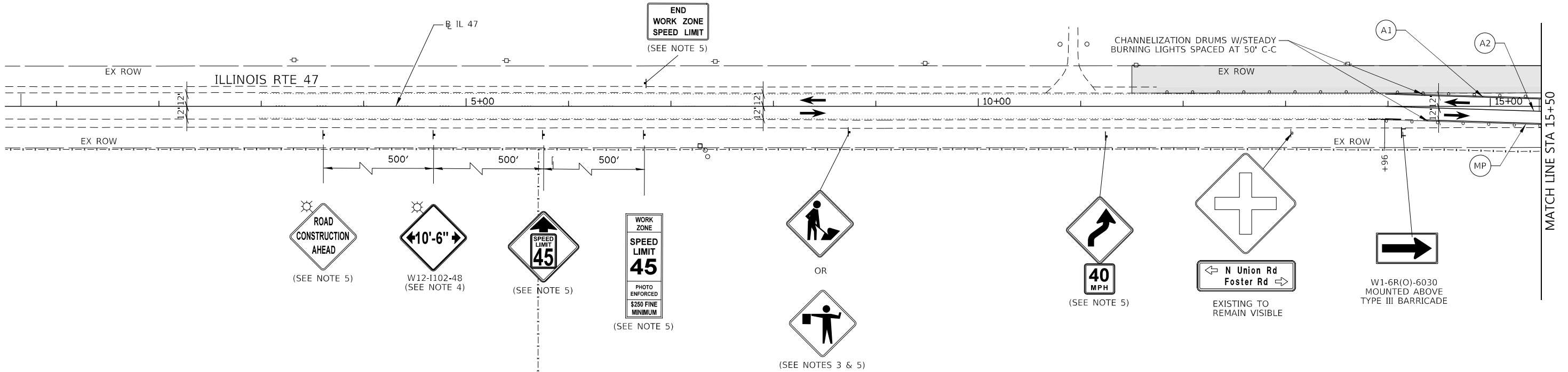
SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 45+50 TO STA. 60+50

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 63 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |



MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40" O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |

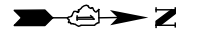


- NOTES:**
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
 4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
 5. SIGN PLACED IN PREVIOUS STAGE.



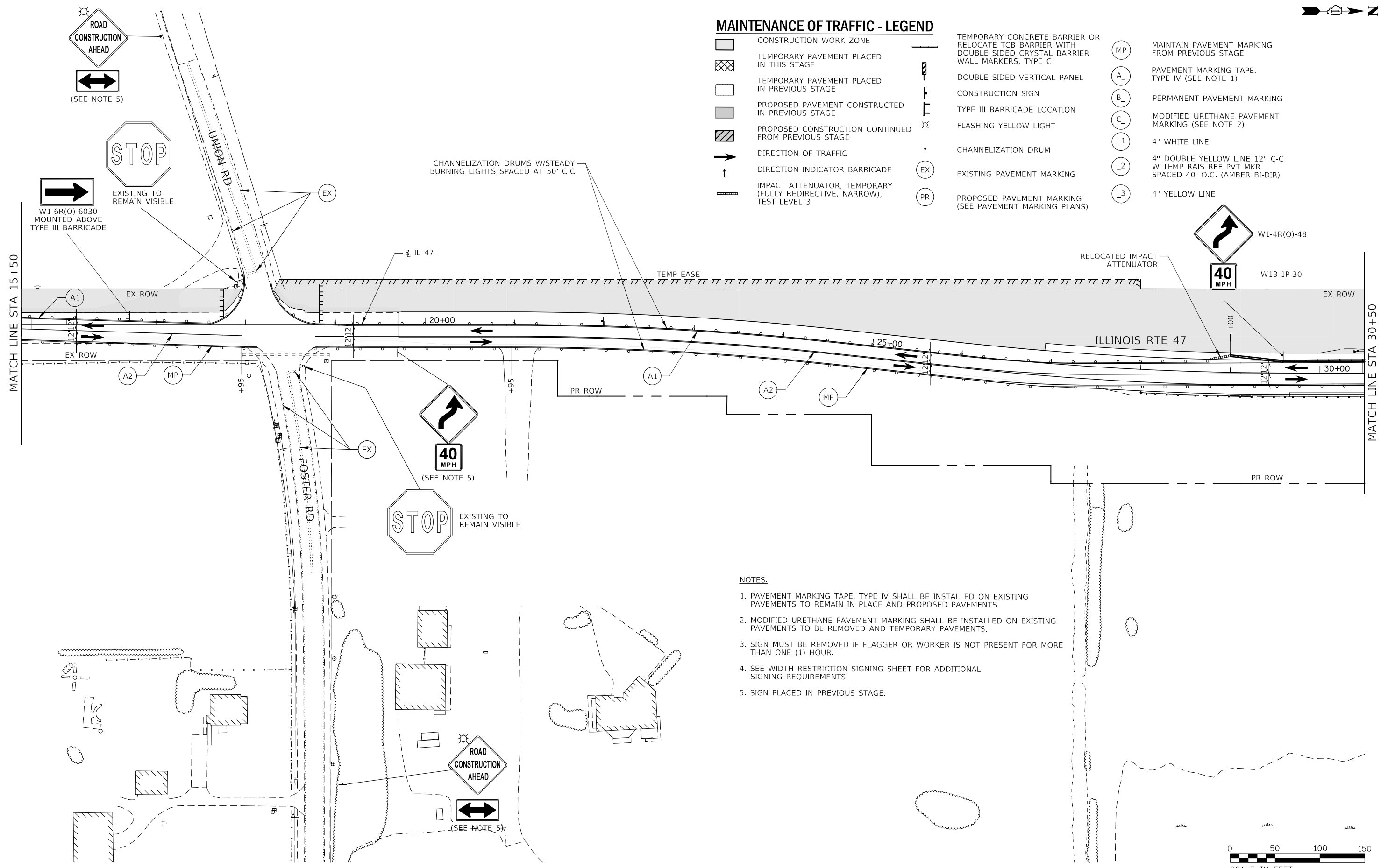
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| | | | | | | | | | | | | |
|---|----------------------|----------------|-----------|---|---|---------|-------------|-----------------|--------------------|--------------------|-----------------------|---------------------------|
| <p>KNIGHT Engineers & Architects</p> | USER NAME = c1iss | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC STAGE 4 ILLINOIS ROUTE 47 | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 64 |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 1 | OF 4 SHEETS | STA. 0+50 | TO STA. 15+50 | CONTRACT NO. 62A80 | | |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | | | | | | | | | |
| | | | | | | | | | | | FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT |



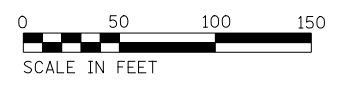
MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |



NOTES:

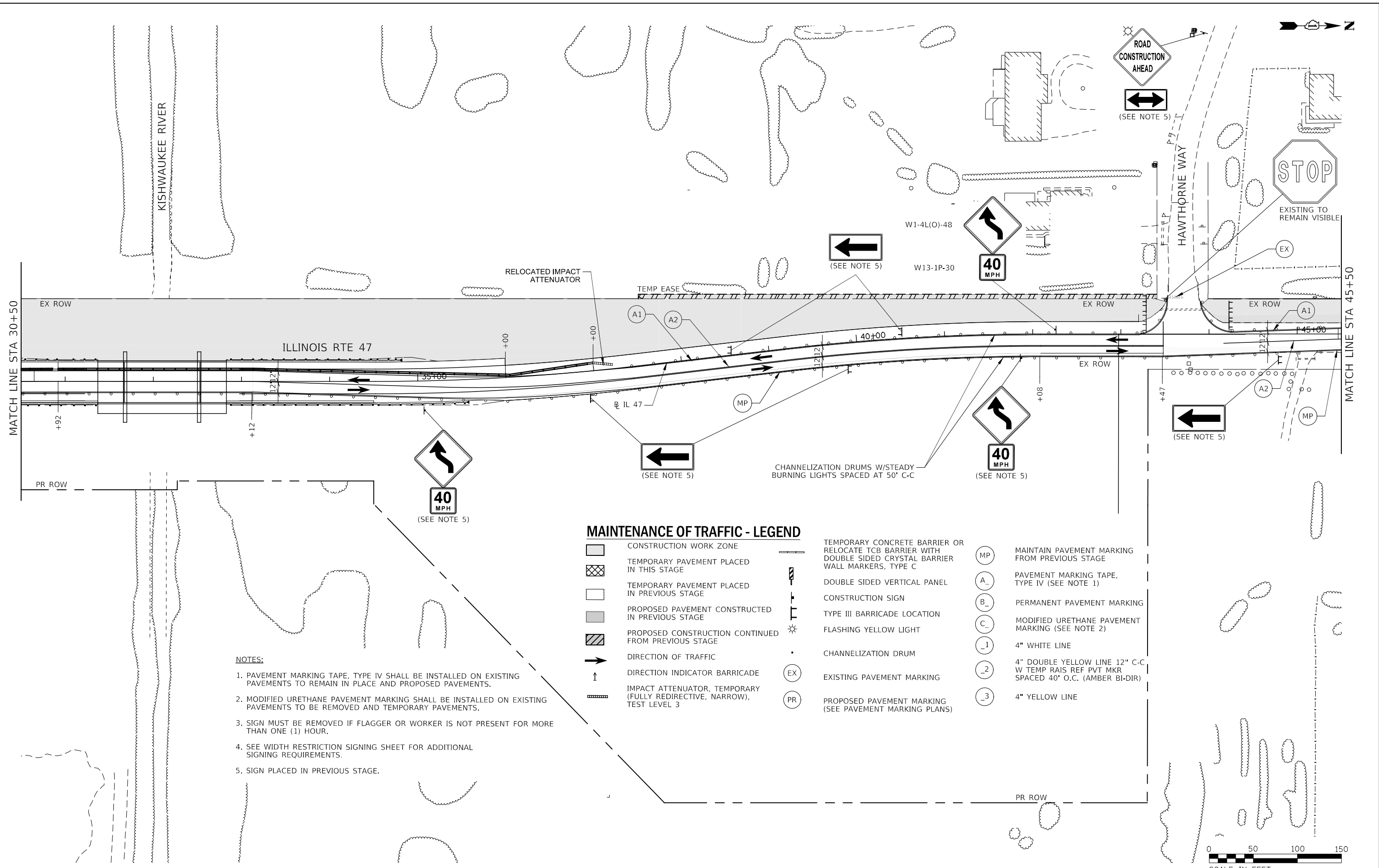
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
5. SIGN PLACED IN PREVIOUS STAGE.



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| | | | | | | | | | | | | |
|--|-----------------------|----------------------|-----------|---|---|---------|-------------|---|--------------------|--------------------|------------------|--------------|
| | USER NAME = c11ss | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINTENANCE OF TRAFFIC STAGE 4 ILLINOIS ROUTE 47 | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 65 |
| | PLOT SCALE = 1:1100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 2 | OF 4 SHEETS | STA. 15+50 | TO STA. 30+50 | CONTRACT NO. 62A80 | | |
| | PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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- NOTES:**
1. PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
 2. MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
 3. SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
 4. SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
 5. SIGN PLACED IN PREVIOUS STAGE.

MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | | |
|--|--|--|---|--|----|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MP | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | A_ | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | B_ | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | C_ | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | _1 | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | _2 | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | _3 | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | | |



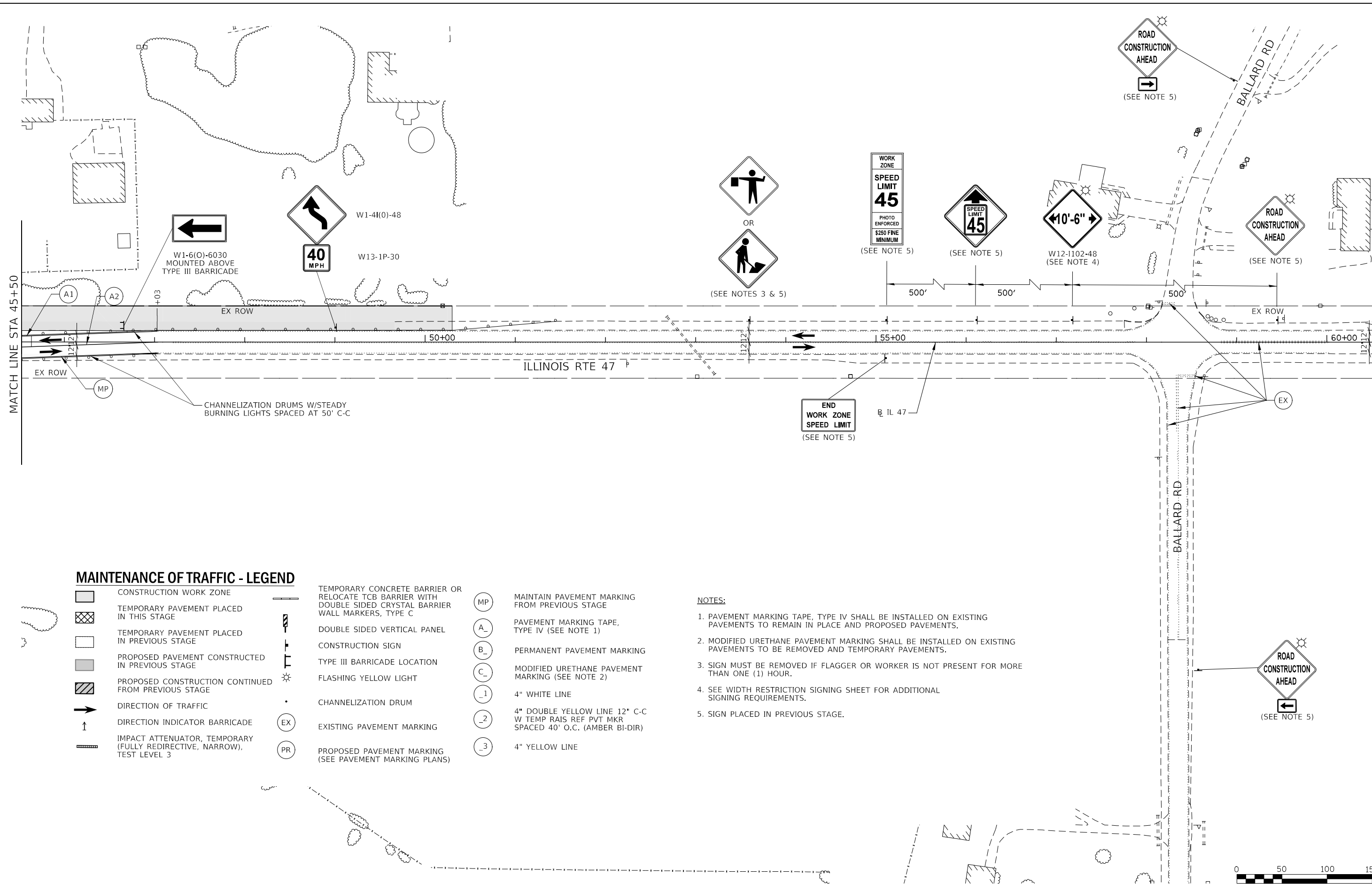
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| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 4
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 30+50 TO STA. 45+50

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 66 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

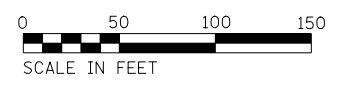


MAINTENANCE OF TRAFFIC - LEGEND

- | | | | | | |
|--|--|--|---|--|--|
| | CONSTRUCTION WORK ZONE | | TEMPORARY CONCRETE BARRIER OR RELOCATE TCB BARRIER WITH DOUBLE SIDED CRYSTAL BARRIER WALL MARKERS, TYPE C | | MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE |
| | TEMPORARY PAVEMENT PLACED IN THIS STAGE | | DOUBLE SIDED VERTICAL PANEL | | PAVEMENT MARKING TAPE, TYPE IV (SEE NOTE 1) |
| | TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE | | CONSTRUCTION SIGN | | PERMANENT PAVEMENT MARKING |
| | PROPOSED PAVEMENT CONSTRUCTED IN PREVIOUS STAGE | | TYPE III BARRICADE LOCATION | | MODIFIED URETHANE PAVEMENT MARKING (SEE NOTE 2) |
| | PROPOSED CONSTRUCTION CONTINUED FROM PREVIOUS STAGE | | FLASHING YELLOW LIGHT | | 4" WHITE LINE |
| | DIRECTION OF TRAFFIC | | CHANNELIZATION DRUM | | 4" DOUBLE YELLOW LINE 12" C-C W TEMP RAIS REF PVT MKR SPACED 40' O.C. (AMBER BI-DIR) |
| | DIRECTION INDICATOR BARRICADE | | EXISTING PAVEMENT MARKING | | 4" YELLOW LINE |
| | IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS) | | |

NOTES:

- PAVEMENT MARKING TAPE, TYPE IV SHALL BE INSTALLED ON EXISTING PAVEMENTS TO REMAIN IN PLACE AND PROPOSED PAVEMENTS.
- MODIFIED URETHANE PAVEMENT MARKING SHALL BE INSTALLED ON EXISTING PAVEMENTS TO BE REMOVED AND TEMPORARY PAVEMENTS.
- SIGN MUST BE REMOVED IF FLAGGER OR WORKER IS NOT PRESENT FOR MORE THAN ONE (1) HOUR.
- SEE WIDTH RESTRICTION SIGNING SHEET FOR ADDITIONAL SIGNING REQUIREMENTS.
- SIGN PLACED IN PREVIOUS STAGE.



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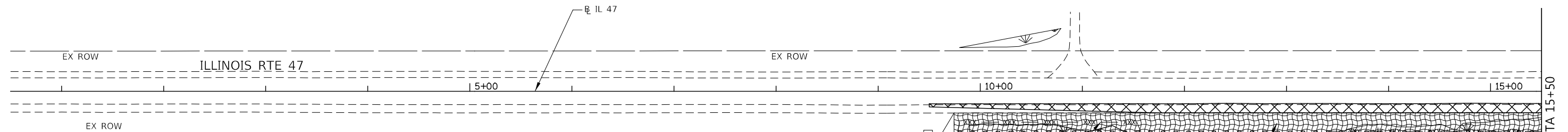
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|---|----------------------|----------------|-----------|--|--|---------|-------------|--------------------------|---------------------------|----------------|------------------|--------------|--|--|--|
| <p>KNIGHT Engineers & Architects</p> | USER NAME = c11ss | DESIGNED - CEL | REVISED - | <p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> | <p>MAINTENANCE OF TRAFFIC STAGE 4 ILLINOIS ROUTE 47</p> | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 67 | | | |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 4 | OF 4 SHEETS | STA. 45+50 TO STA. 60+50 | <p>CONTRACT NO. 62A80</p> | | | | | | |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | <p>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</p> | | | | | | | | | | | |

EROSION CONTROL GENERAL NOTES

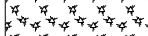


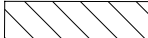

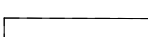

1. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL CHECK ALL EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL, ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
4. THE CONTRACTOR SHOULD PROVIDE TO THE ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION.
5. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
6. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDING AT ONE TIME.
7. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
8. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
10. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
11. THE MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS.
12. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
13. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS AND MANHOLES WITH OPEN GRATES. INLET FILTERS SHALL BE REMOVED DURING STAGE 4 OF CONSTRUCTION AND TO BE PAID FOR AS REMOVE INLET FILTERS
14. TEMPORARY EROSION CONTROL SEEDING MIXTURE WILL DEPEND ON THE TIME OF YEAR SEED IS TO BE APPLIED AND SHALL BE IN ACCORDANCE WITH ARTICLE 1081.15(G) OF THE STANDARD SPECIFICATIONS. STABILIZATION OF ALL AREAS DISTURBED BY CONSTRUCTION SHALL COMMENCE WITHIN 1 DAY AND BE COMPLETE WITHIN 14 DAYS FOR ANY PORTION OF THE SITE THAT WILL BE IDLE FOR MORE THAN 14 DAYS. IF THAT PORTION OF THE SITE WILL BECOME ACTIVE AGAIN AFTER 14 DAYS, TEMPORARY STABILIZATION MEASURES CAN BE USED.
15. DUST CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS.
16. "PROTECTED WETLAND - NO INTRUSION" SIGNAGE SHALL BE PROVIDED AT THE BOUNDARY OF ALL IMPACTED WETLANDS AND/OR WOVS. THE CONTRACTOR SHALL ATTACH A MINIMUM OF 2 SIGNS. THE SIGN(S) SHALL BE ATTACHED TO THE TEMPORARY FENCE BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT LANDSCAPE ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, UNDAMAGED OR REPLACED SIGNS SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE. THE CONTRACTOR SHALL INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.
17. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
18. BROADCASTING OF THE SEED BY MACHINE, HAND METHODS, HYDRAULIC SEEDING OR OTHER METHODS APPROVED BY THE ENGINEER WILL BE ALLOWED FOR TEMPORARY EROSION CONTROL SEEDING.
19. TOPSOIL AND FERTILIZER NUTRIENTS ARE NOT REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING.
20. SEED BED PREPARATION WILL NOT BE REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING IF THE SOIL IS IN A LOOSE CONDITION. LIGHT DISKING SHALL BE DONE IF THE SOIL IS HARD PACKED OR CAKED.
21. ALL PERIMETER EROSION BARRIER AND TEMPORARY FENCE SHALL BE INSTALLED WITHIN THE TEMPORARY EASEMENT, PROPOSED RIGHT-OF-WAY OR EXISTING RIGHT-OF-WAY.
22. EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY EROSION CONTROL SEEDING HAS BEEN COMPLETED ON ALL AREAS WITH SLOPES OF 1:3 (V:H) OR STEEPER, AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
23. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
24. ALL EXISTING STRUCTURES OR PIPES NOT SHOWN ON EROSION CONTROL PLANS SHALL BE REMOVED OR PLUGGED UNTIL REMOVAL IS POSSIBLE DURING THE CONSTRUCTION SO THAT NO SEDIMENT CAN ENTER THE DRAINAGE SYSTEM. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR THE REMOVAL OF EXISTING STRUCTURES.
25. ANY REQUIRED ADJUSTMENT AND/OR RECONSTRUCTION OF THE PROPOSED STRUCTURE TO FINAL RIM ELEVATION SHALL NOT BE PAID FOR SEPARATELY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR THE PROPOSED STRUCTURE.
26. ALL TEMPORARY CONNECTIONS FOR TEMPORARY PIPE CULVERTS INTO EXISTING/PROPOSED STRUCTURES/PIPES SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR PIPE CULVERT OF THE CLASS, TYPE, SIZE (TEMPORARY).
27. ALL RIM AND INVERTS FOR TEMPORARY DRAINAGE STRUCTURES ARE ESTIMATES AND NEED TO BE FIELD VERIFIED, NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION. NO EXTRA COMPENSATION WILL BE PROVIDED FOR ANY DISCREPANCIES DETERMINED IN THE FIELD.
28. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IN ACCORDANCE WITH MULCH METHOD 2 IMMEDIATELY WHEN THE TOPSOIL SHALL BE UNDISTURBED FOR 14 DAYS, AND STABILIZATION SHALL BE COMPLETED WITHIN 14 DAYS. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCK PILE.
29. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.


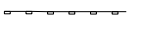





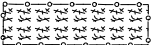
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








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|---|-----------------------|----------------------|-----------|---|----------------------------------|------------|---------|--------|-------------|---------|-----------------------|--------------|------------------|
|  | USER NAME = c11ss | DESIGNED - CEO | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EROSION CONTROL NOTES | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1:100 | DRAWN - CEO | REVISED - | | 326 | (105XB)B-R | MCHENRY | 223 | 68 | | | | |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - | | CONTRACT NO. 62A80 | | | | | | | | |
| | | DATE - JULY 27, 2020 | REVISED - | | SCALE: NONE | SHEET 1 | OF 19 | SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT |



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)

-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  **ADC** AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC

-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  105 PERMANENT DRAINAGE STRUCTURE NUMBER

1
2
3
4
5

TEMPORARY FENCE
LENGTH = 175 FT
"WETLAND NO INTRUSION"
STA 10+70 30 RT

TEMPORARY EROSION CONTROL
SEED (36 LB) & EROSION CONTROL
BLANKET (1,744 SY)

PERIMETER EROSION BARRIER
LENGTH = 842 FT

MATCH LINE STA 15+50

11



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KNIGHT
Engineers & Architects

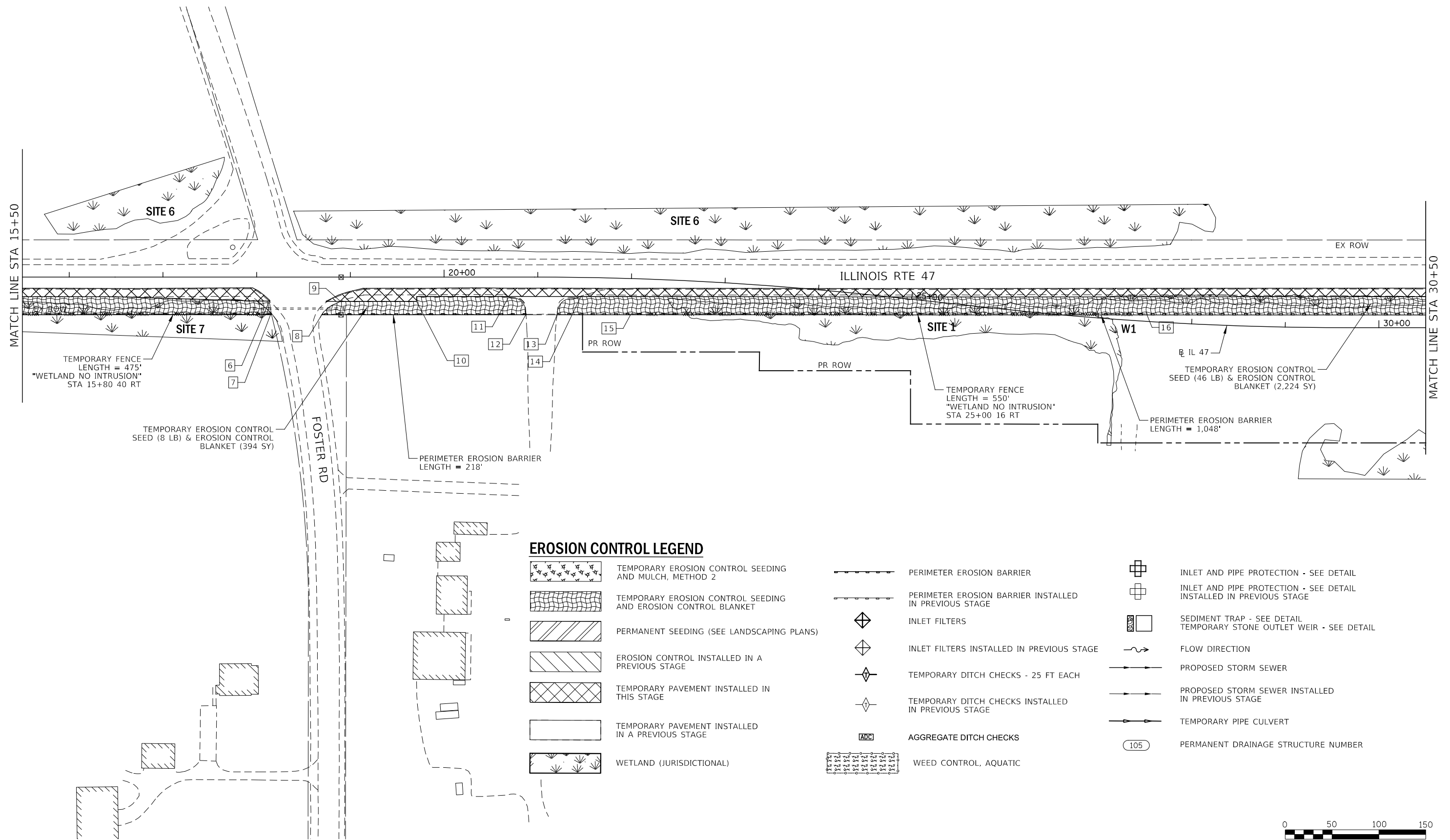
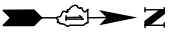
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| USER NAME = c1rs | DESIGNED - CEL | REVISED - |
| | DRAWN - CEL | REVISED - |
| PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

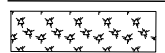
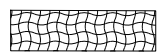
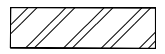

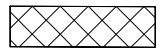
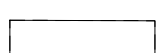





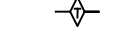
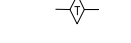
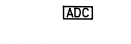
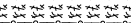









**EROSION CONTROL PLANS
PRESTAGE
ILLINOIS ROUTE 47**

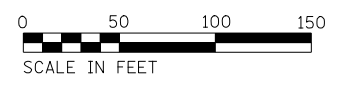
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 69 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



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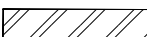
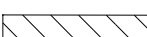

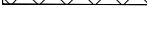
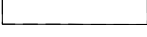







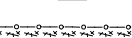









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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

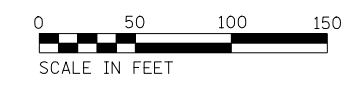
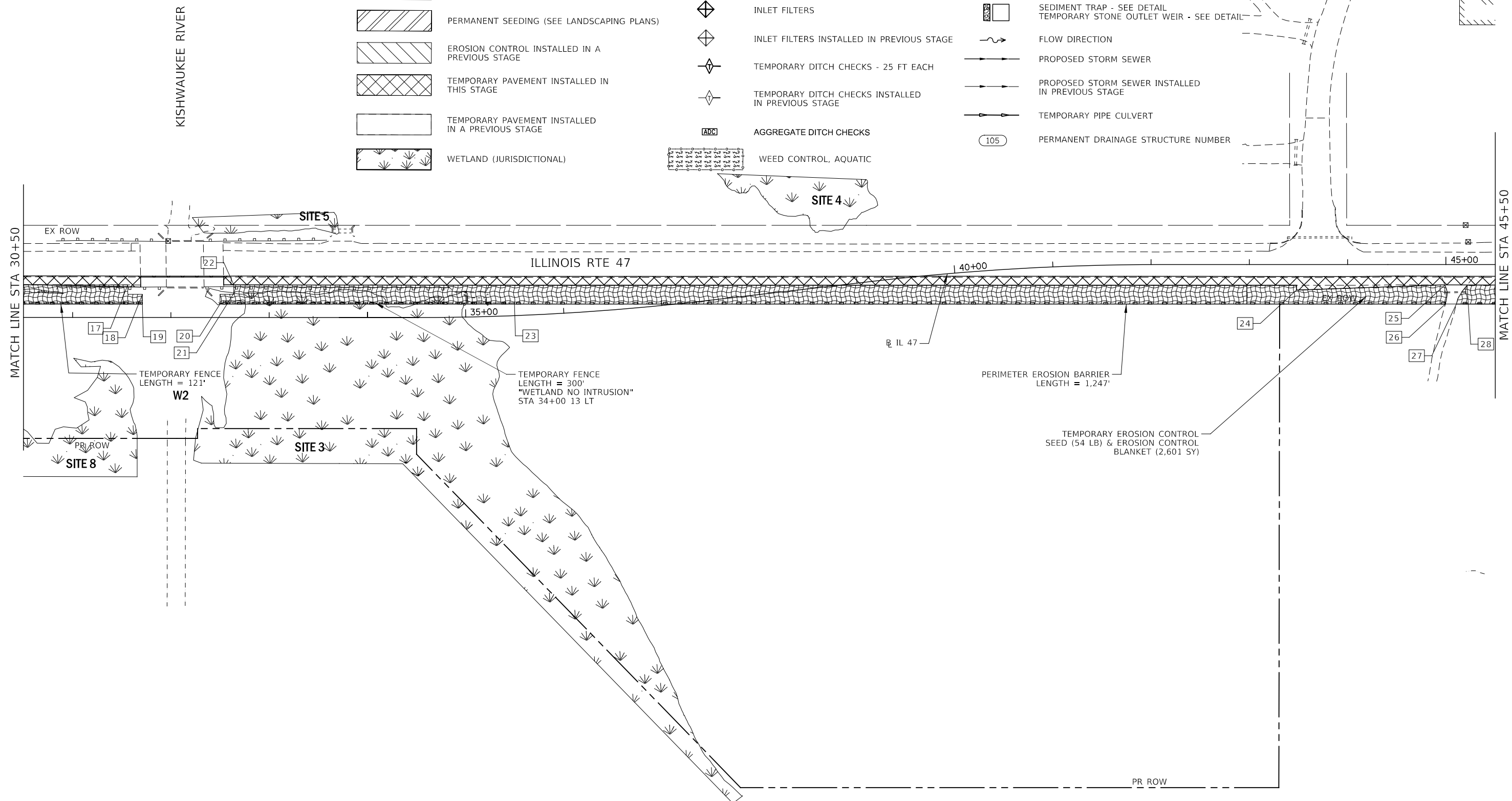
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|---------|--------------|--------------------------|
| EROSION CONTROL PLANS PRESTAGE ILLINOIS ROUTE 47 | | | |
| SCALE: 1" = 50' | SHEET 3 | OF 19 SHEETS | STA. 15+50 TO STA. 30+50 |

| | | | | |
|---|--------------------|----------------|--------------------|--------------|
| F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 70 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
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-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



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| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
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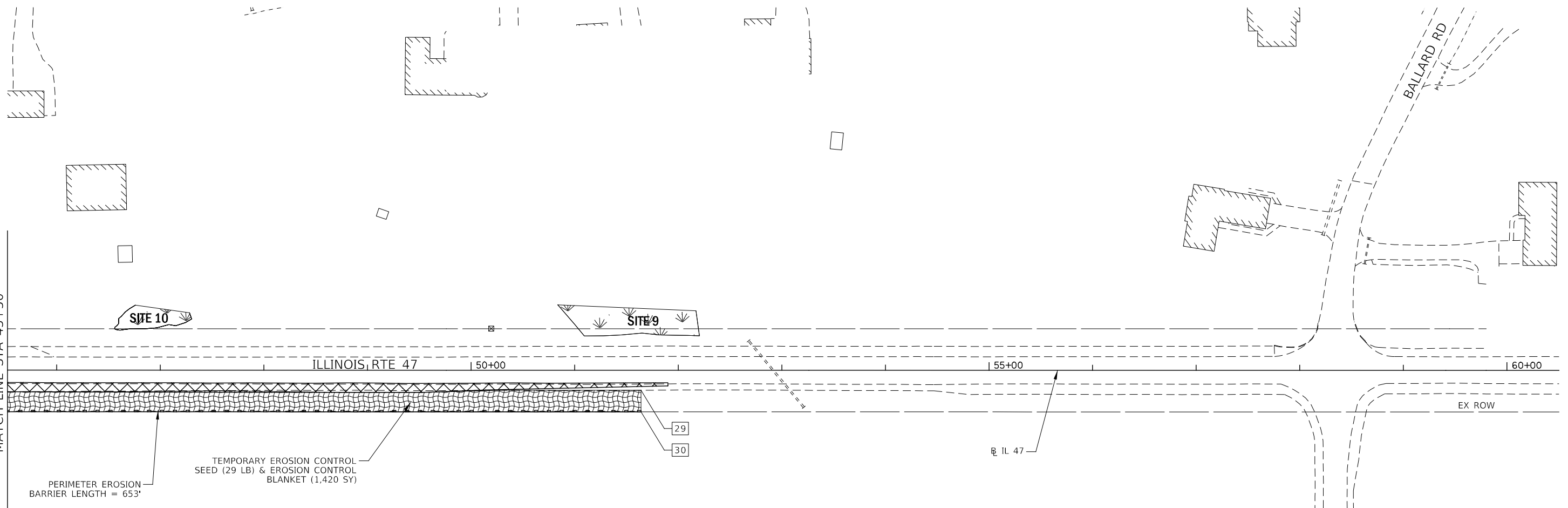
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
PRESTAGE
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 4 OF 19 SHEETS STA. 30+50 TO STA. 45+50

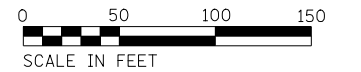
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 71 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

MATCH LINE STA 45+50



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | AGGREGATE DITCH CHECKS | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | WEED CONTROL, AQUATIC | | TEMPORARY PIPE CULVERT |
| | | | | | PERMANENT DRAINAGE STRUCTURE NUMBER |



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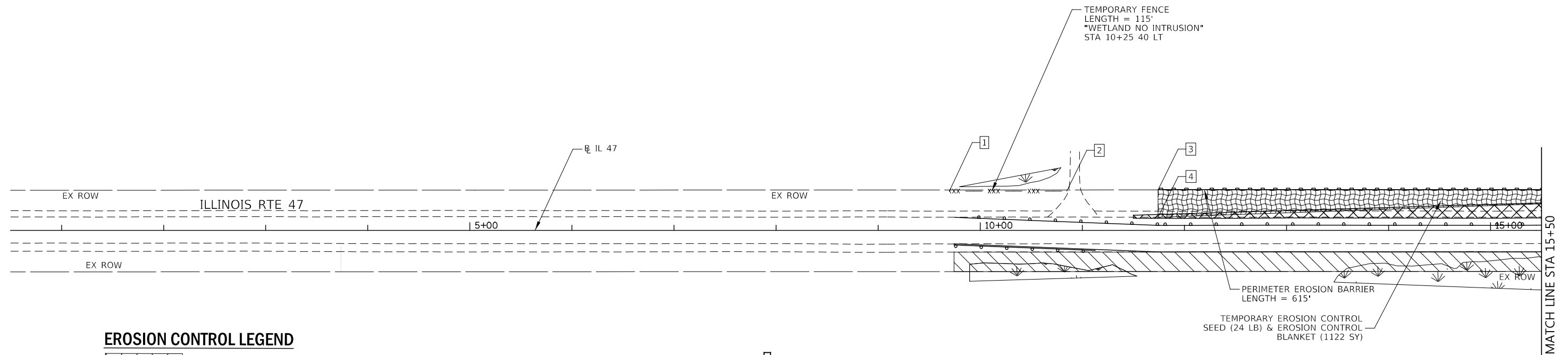
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| KNIGHT Engineers & Architects | USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
PRESTAGE
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 5 OF 19 SHEETS STA. 45+50 TO STA. 60+50

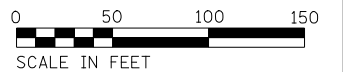
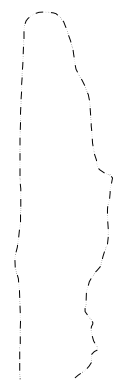
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|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 72 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | AGGREGATE DITCH CHECKS | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | WEED CONTROL, AQUATIC | | TEMPORARY PIPE CULVERT |
| | | | | | PERMANENT DRAINAGE STRUCTURE NUMBER |

11



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KNIGHT
Engineers & Architects

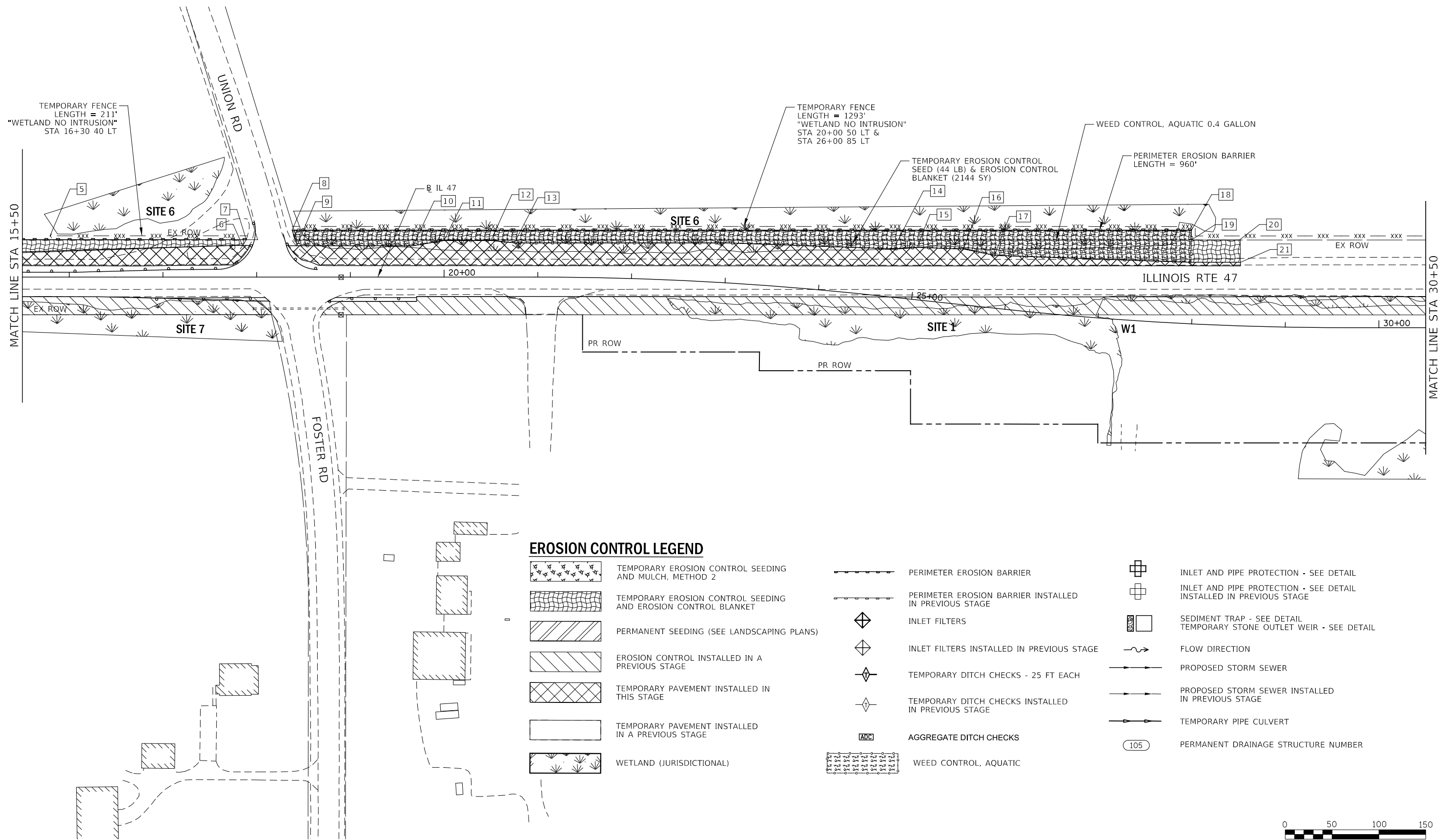
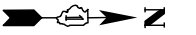
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| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | DRAWN - CEL | REVISED - |
| PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

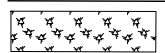
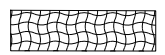
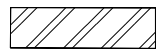

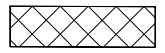
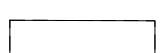
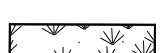







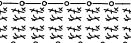









**EROSION CONTROL PLANS
STAGE 1
ILLINOIS ROUTE 47**

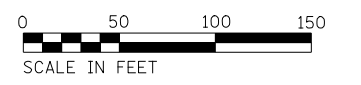
SCALE: 1" = 50' SHEET 2 OF 19 SHEETS STA. 0+50 TO STA. 15+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 73 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



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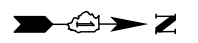
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| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

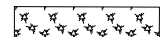

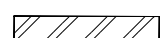

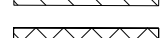
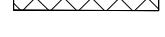
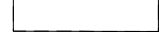
















**EROSION CONTROL PLANS
STAGE 1
ILLINOIS ROUTE 47**

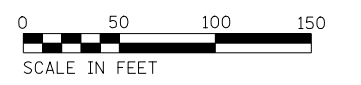
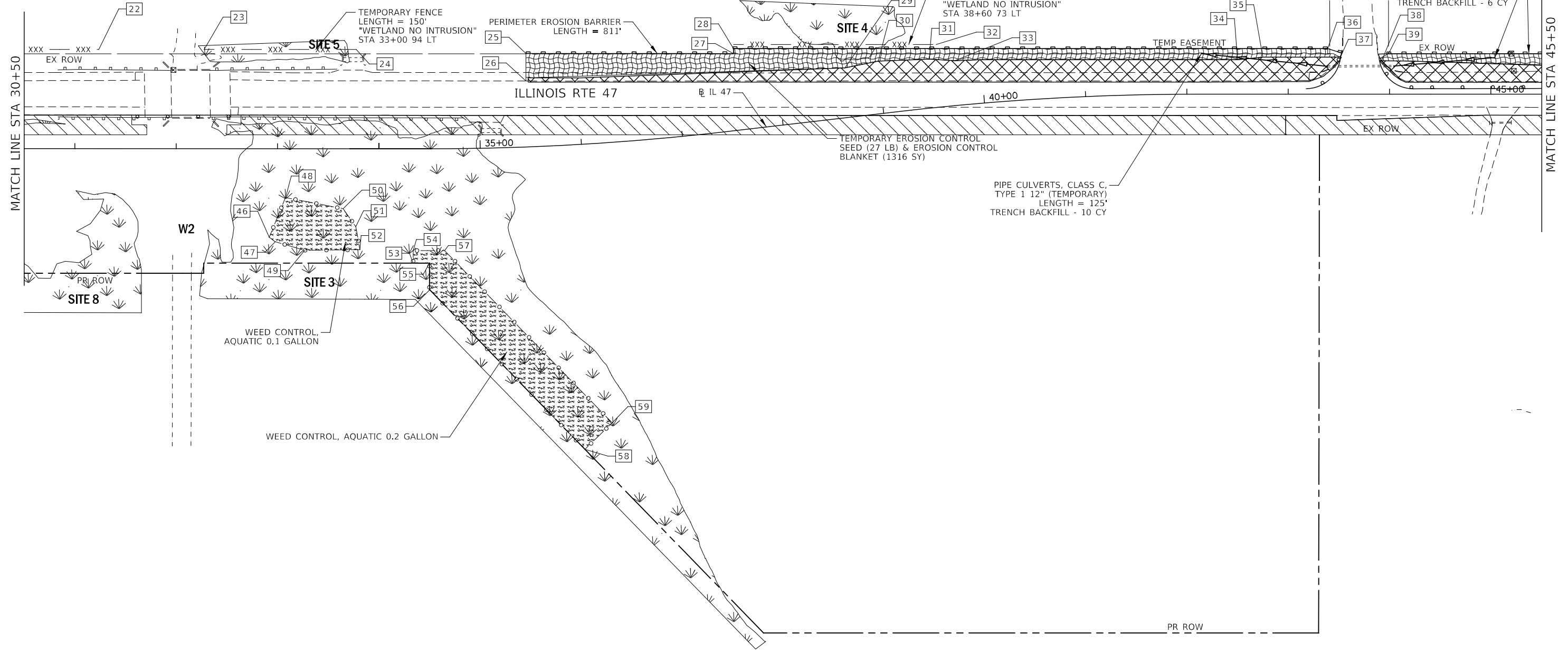
SCALE: 1" = 50' SHEET 3 OF 19 SHEETS STA. 15+50 TO STA. 30+50

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 74 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



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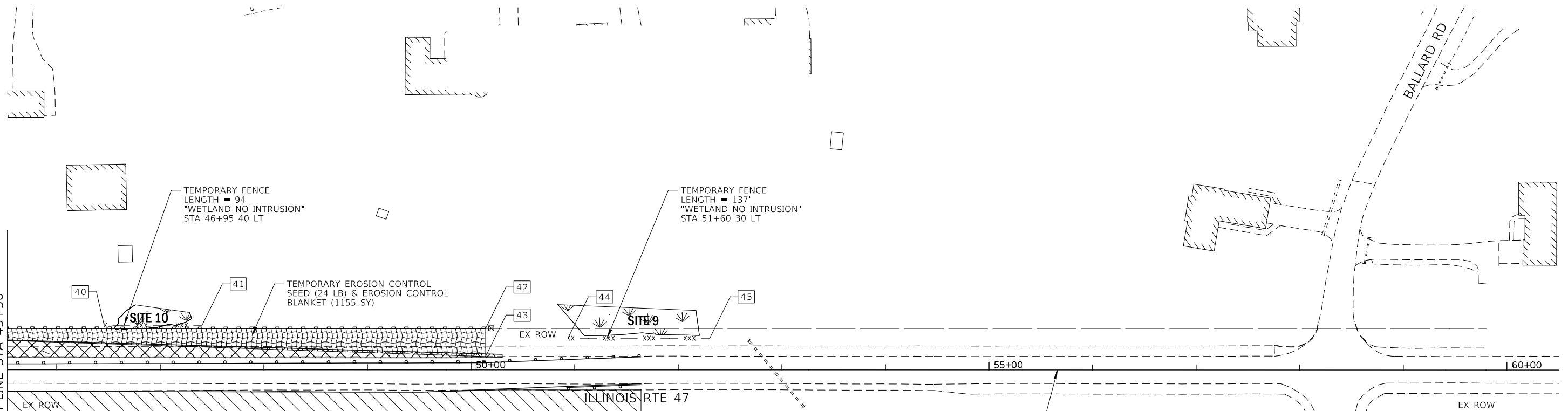
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| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|---------|--------------|--------------------------|
| EROSION CONTROL PLANS STAGE 1 ILLINOIS ROUTE 47 | | | |
| SCALE: 1" = 50' | SHEET 4 | OF 19 SHEETS | STA. 30+50 TO STA. 45+50 |

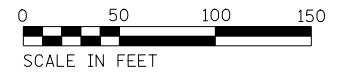
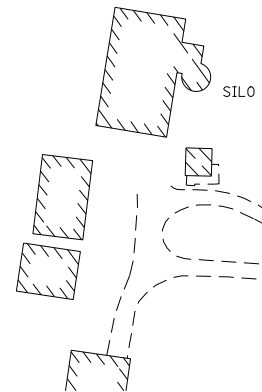
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 75 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

MATCH LINE STA 45+50



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | AGGREGATE DITCH CHECKS | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | WEED CONTROL, AQUATIC | | TEMPORARY PIPE CULVERT |
| | | | | | PERMANENT DRAINAGE STRUCTURE NUMBER |



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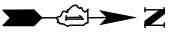
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| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

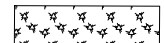
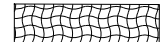




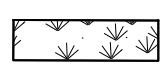
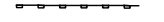





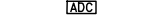
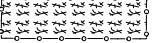









**EROSION CONTROL PLANS
STAGE 1
ILLINOIS ROUTE 47**

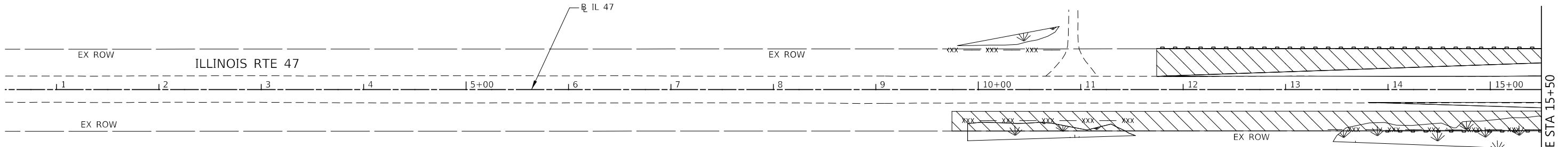
SCALE: 1" = 50' SHEET 5 OF 19 SHEETS STA. 45+50 TO STA. 60+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 76 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

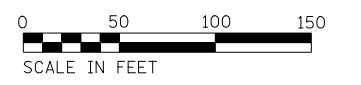


EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



MATCH LINE STA 15+50



FILE NAME = D:\22A80-shr-eros.02.01.dgn

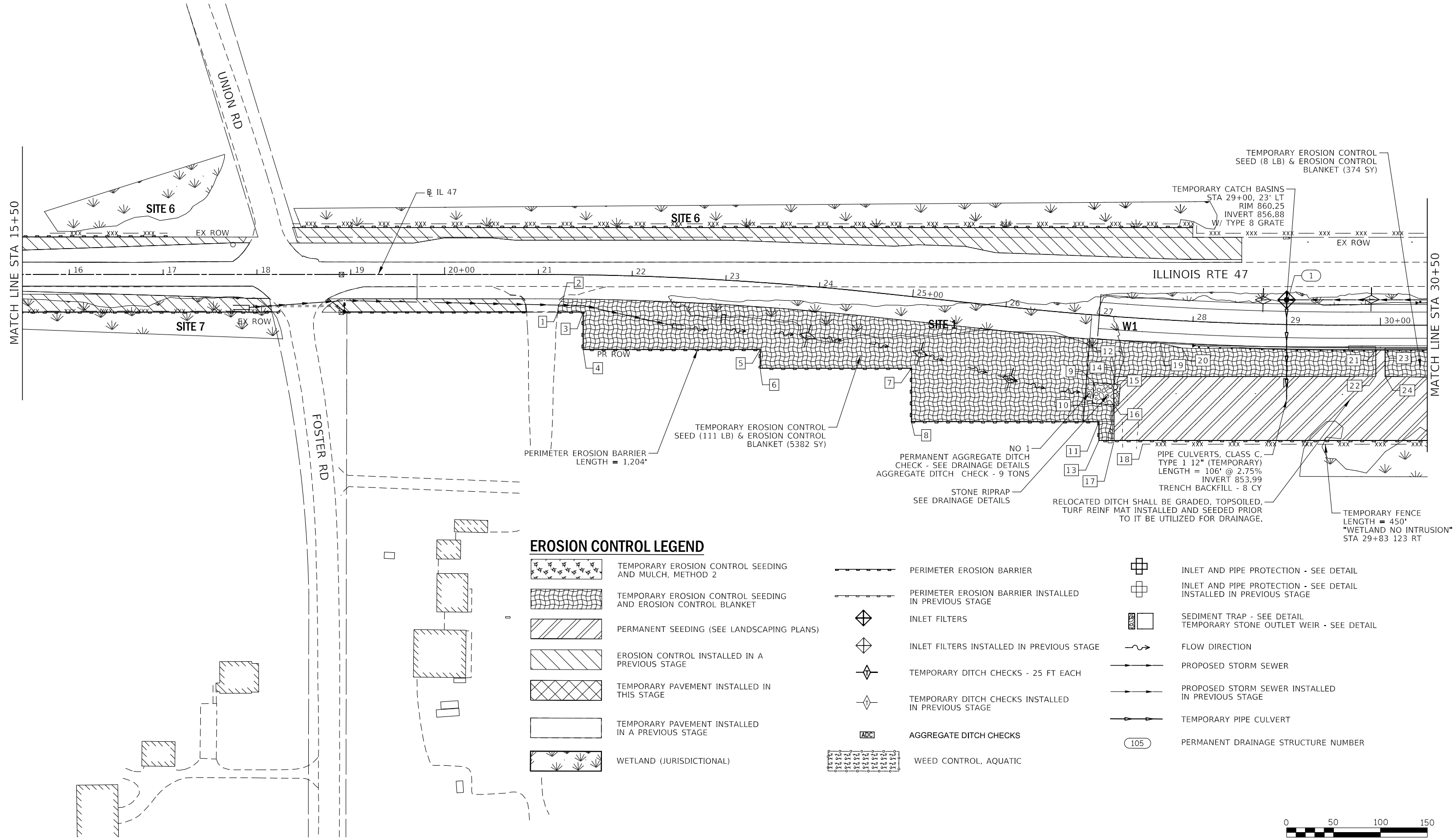
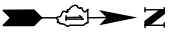
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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c1rs | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
STAGE 2
ILLINOIS ROUTE 47**

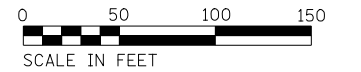
SCALE: 1" = 50' SHEET 6 OF 19 SHEETS STA. 0+50 TO STA. 15+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 77 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | AGGREGATE DITCH CHECKS | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | WEED CONTROL, AQUATIC | | TEMPORARY PIPE CULVERT |
| | | | | | PERMANENT DRAINAGE STRUCTURE NUMBER |



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| | | | |
|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |



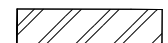
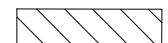





















**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

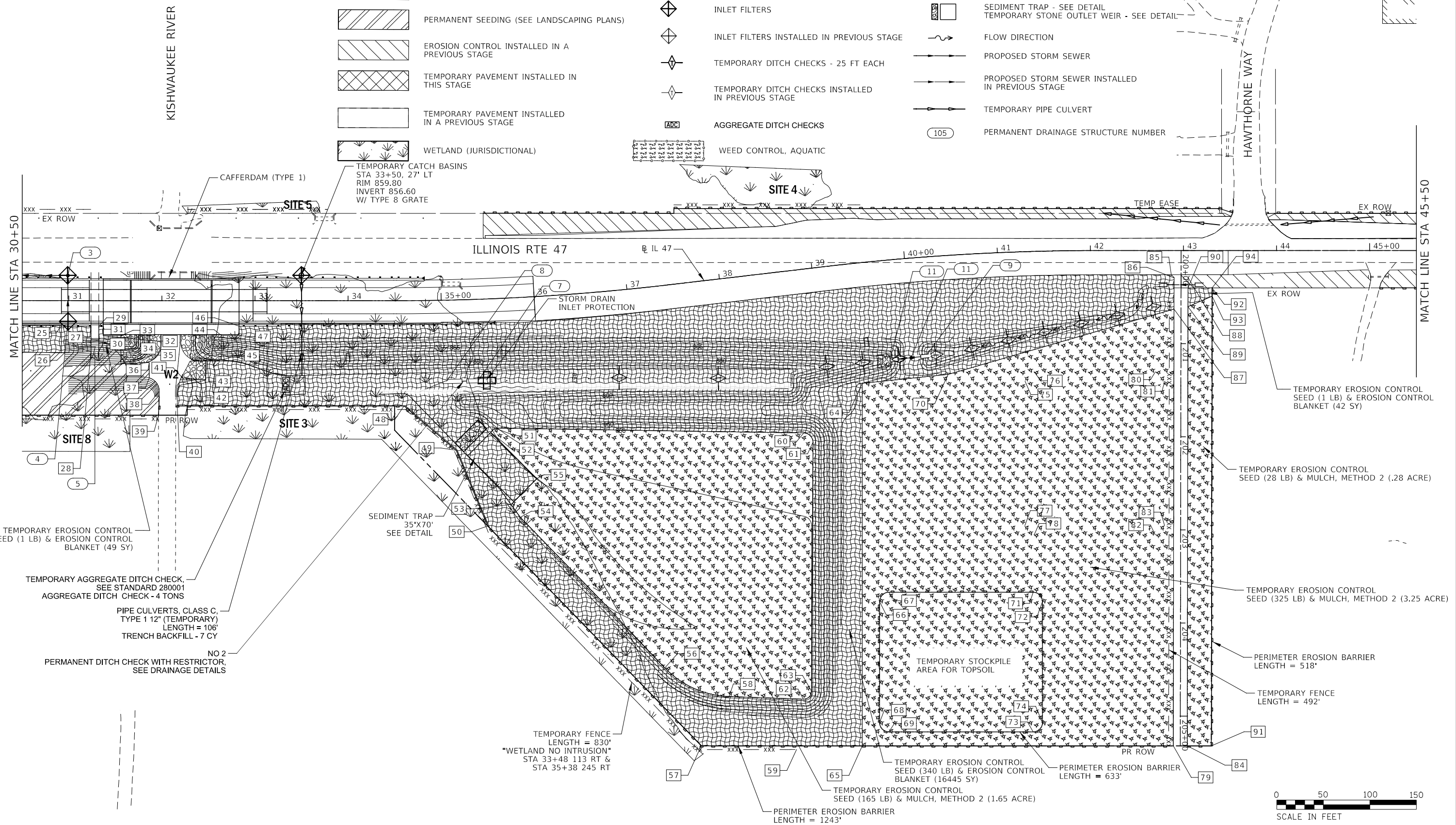
**EROSION CONTROL PLANS
STAGE 2
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 7 OF 19 SHEETS STA. 15+50 TO STA. 30+50

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 78 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  TEMPORARY CATCH BASINS
-  WEED CONTROL, AQUATIC
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



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| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

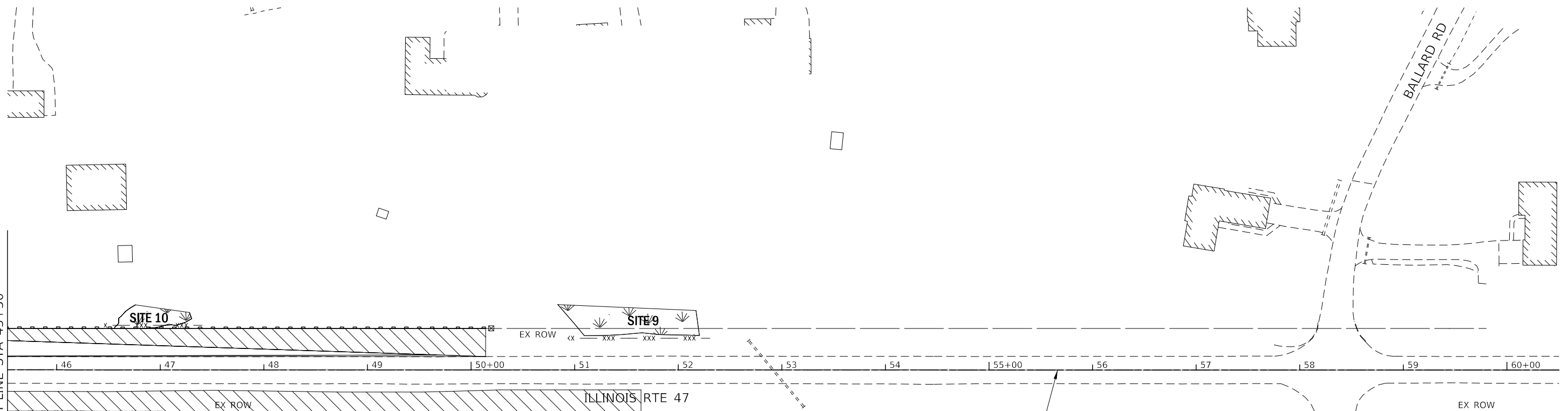
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
STAGE 2
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 8 OF 19 SHEETS STA. 30+50 TO STA. 45+00

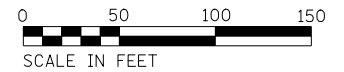
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 79 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

MATCH LINE STA 45+50



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | AGGREGATE DITCH CHECKS | | TEMPORARY PIPE CULVERT |
| | | | WEED CONTROL, AQUATIC | | PERMANENT DRAINAGE STRUCTURE NUMBER |



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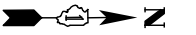
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| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| DRAWN - CEL | REVISIONS | |
| PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


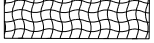
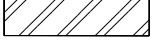
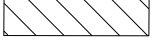


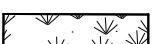







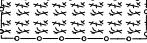









**EROSION CONTROL PLANS
STAGE 2
ILLINOIS ROUTE 47**

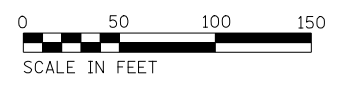
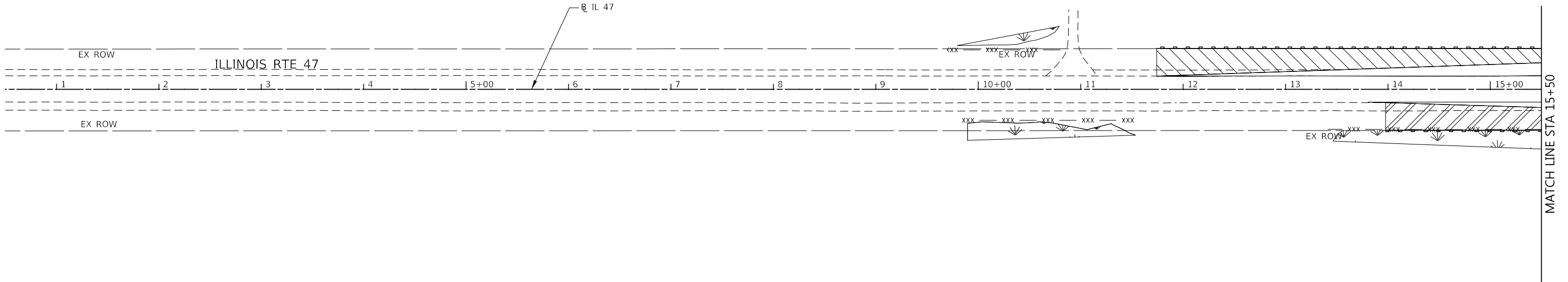
SCALE: 1" = 50' SHEET 9 OF 19 SHEETS STA. 45+50 TO STA. 60+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 80 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



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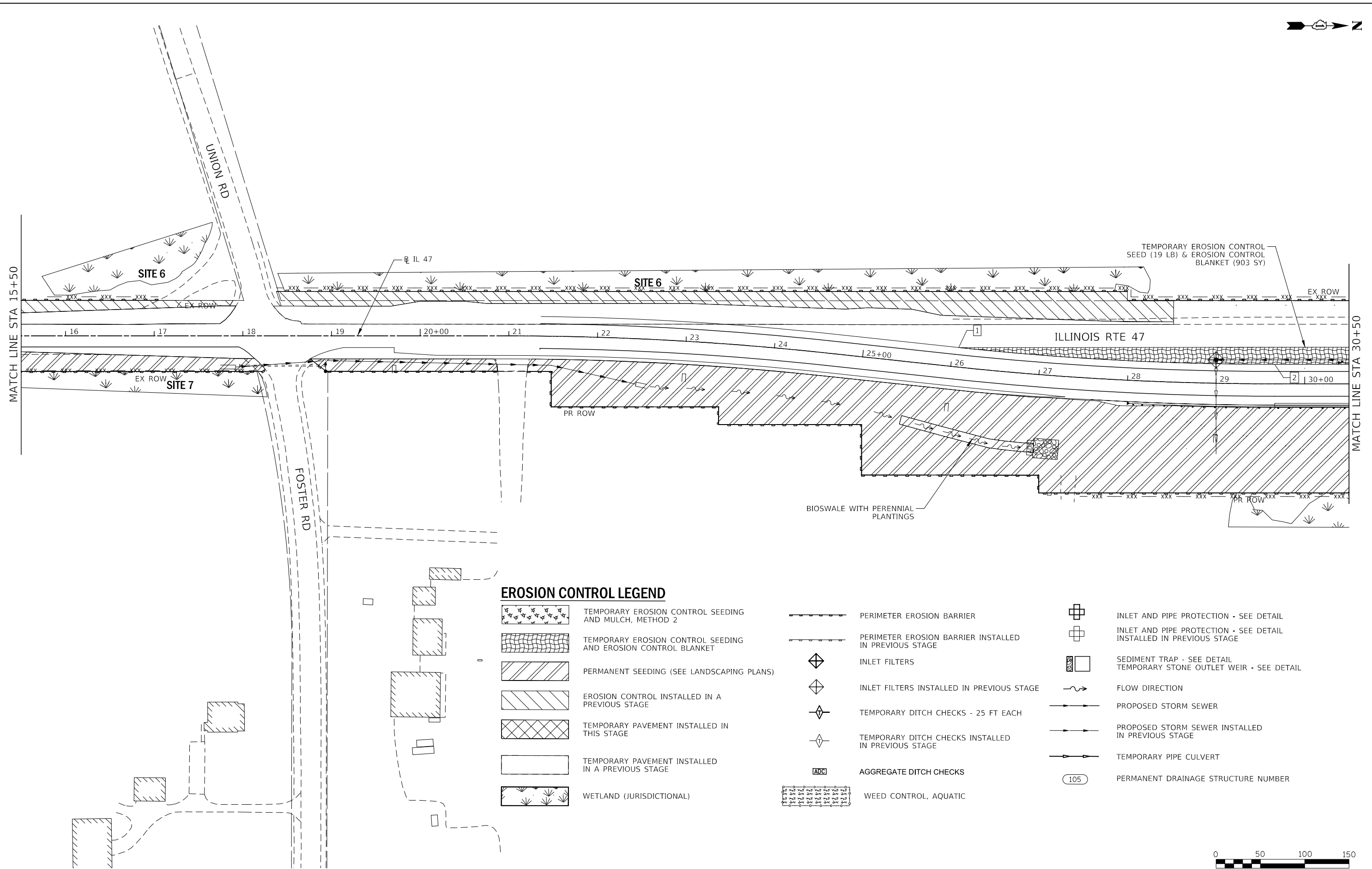
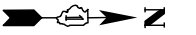
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| KNIGHT Engineers & Architects | USER NAME = c1rs | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
STAGE 3
ILLINOIS ROUTE 47**

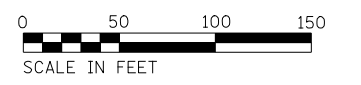
SCALE: 1" = 50' SHEET 10 OF 19 SHEETS STA. 0+50 TO STA. 15+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 81 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | AGGREGATE DITCH CHECKS | | TEMPORARY PIPE CULVERT |
| | | | WEED CONTROL, AQUATIC | | PERMANENT DRAINAGE STRUCTURE NUMBER |



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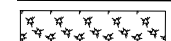

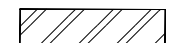
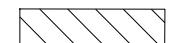




















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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

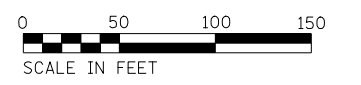
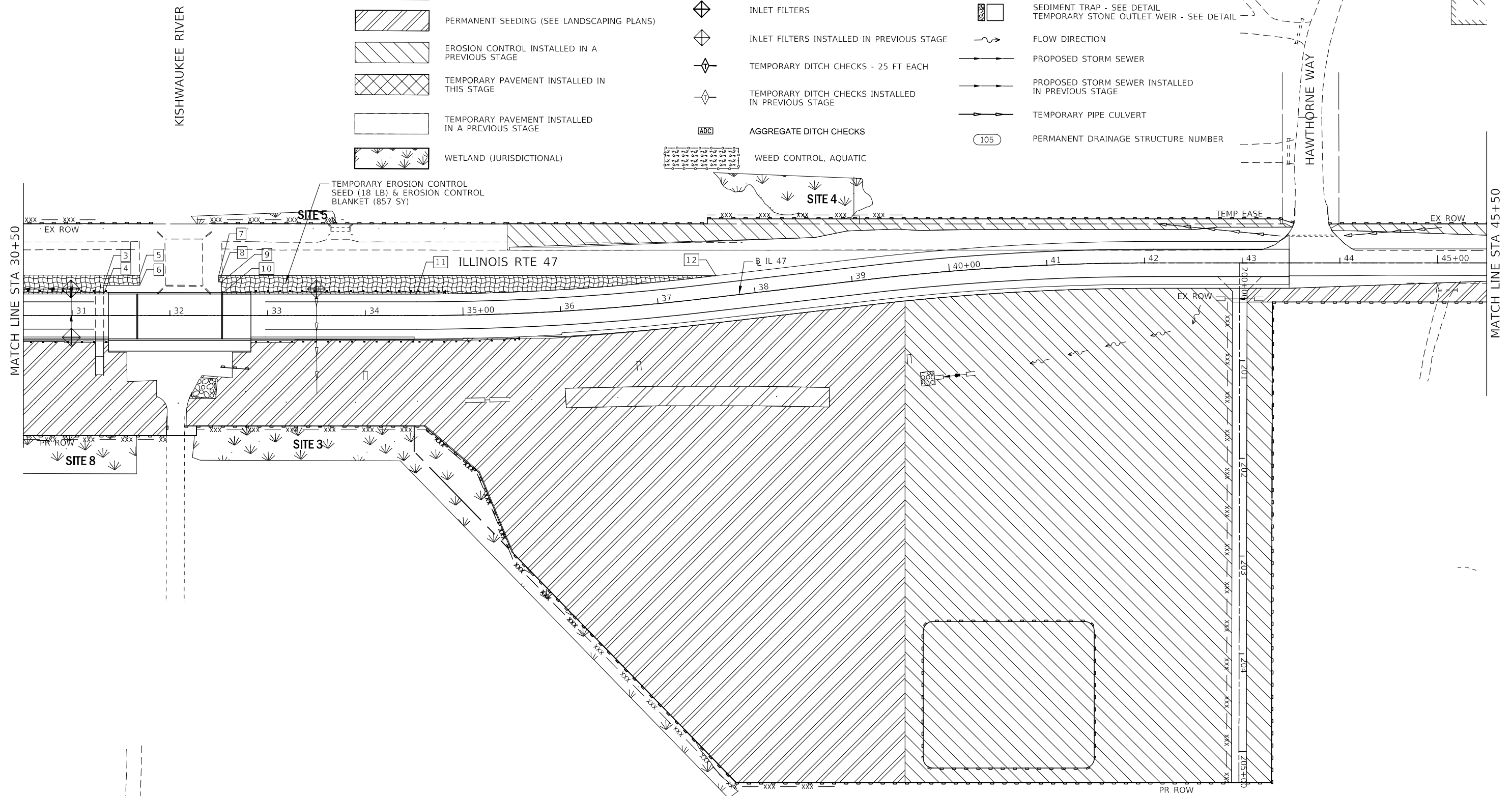
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|----------|--------------|--------------------------|
| EROSION CONTROL PLANS STAGE 3 ILLINOIS ROUTE 47 | | | |
| SCALE: 1" = 50' | SHEET 11 | OF 19 SHEETS | STA. 15+50 TO STA. 30+50 |

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 82 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

EROSION CONTROL LEGEND

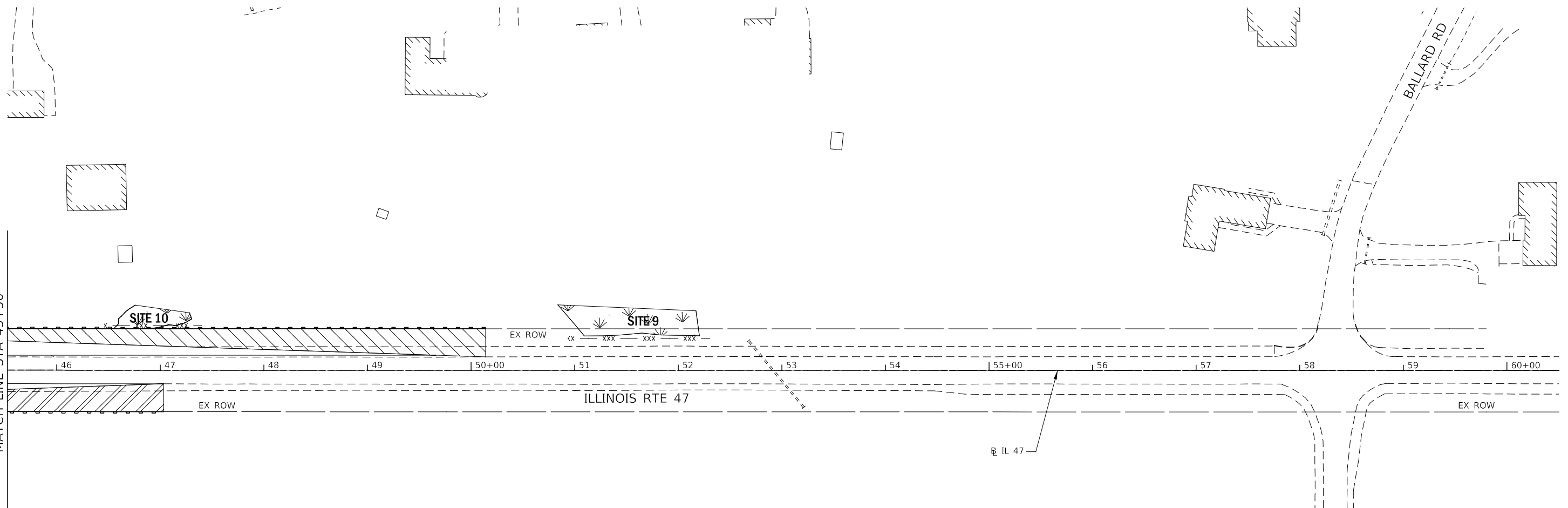
-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



FILE NAME = D:\22480-shr-eros.03.dgn

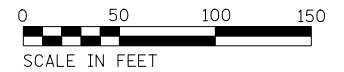
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|---|----------------------|----------------|-----------|---|---|----------|--------------|--------------------------|--------------------|----------------|------------------|--------------|
|  Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EROSION CONTROL PLANS STAGE 3 ILLINOIS ROUTE 47 | | | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 83 |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | SCALE: 1" = 50' | SHEET 12 | OF 19 SHEETS | STA. 30+50 TO STA. 45+50 | CONTRACT NO. 62A80 | | | |
| PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | REVISED - | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | |

MATCH LINE STA 45+50



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | AGGREGATE DITCH CHECKS | | TEMPORARY PIPE CULVERT |
| | | | WEED CONTROL, AQUATIC | | PERMANENT DRAINAGE STRUCTURE NUMBER |



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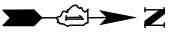
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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

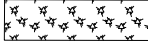
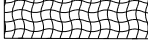
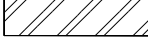
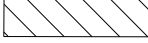


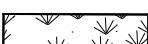
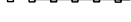
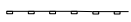





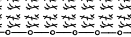









**EROSION CONTROL PLANS
STAGE 3
ILLINOIS ROUTE 47**

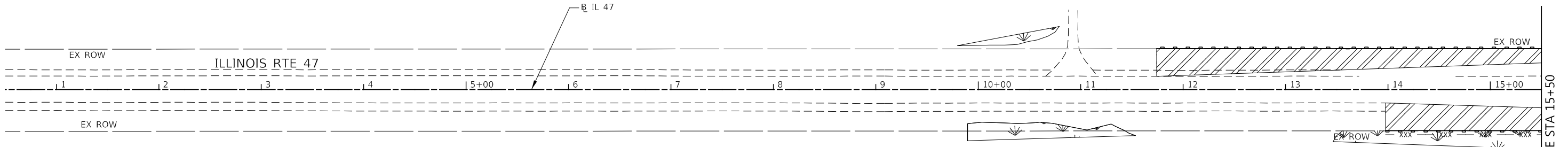
SCALE: 1" = 50' SHEET 13 OF 19 SHEETS STA. 45+50 TO STA. 60+50

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 84 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

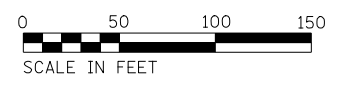


EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  WEED CONTROL, AQUATIC
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



MATCH LINE STA 15+50



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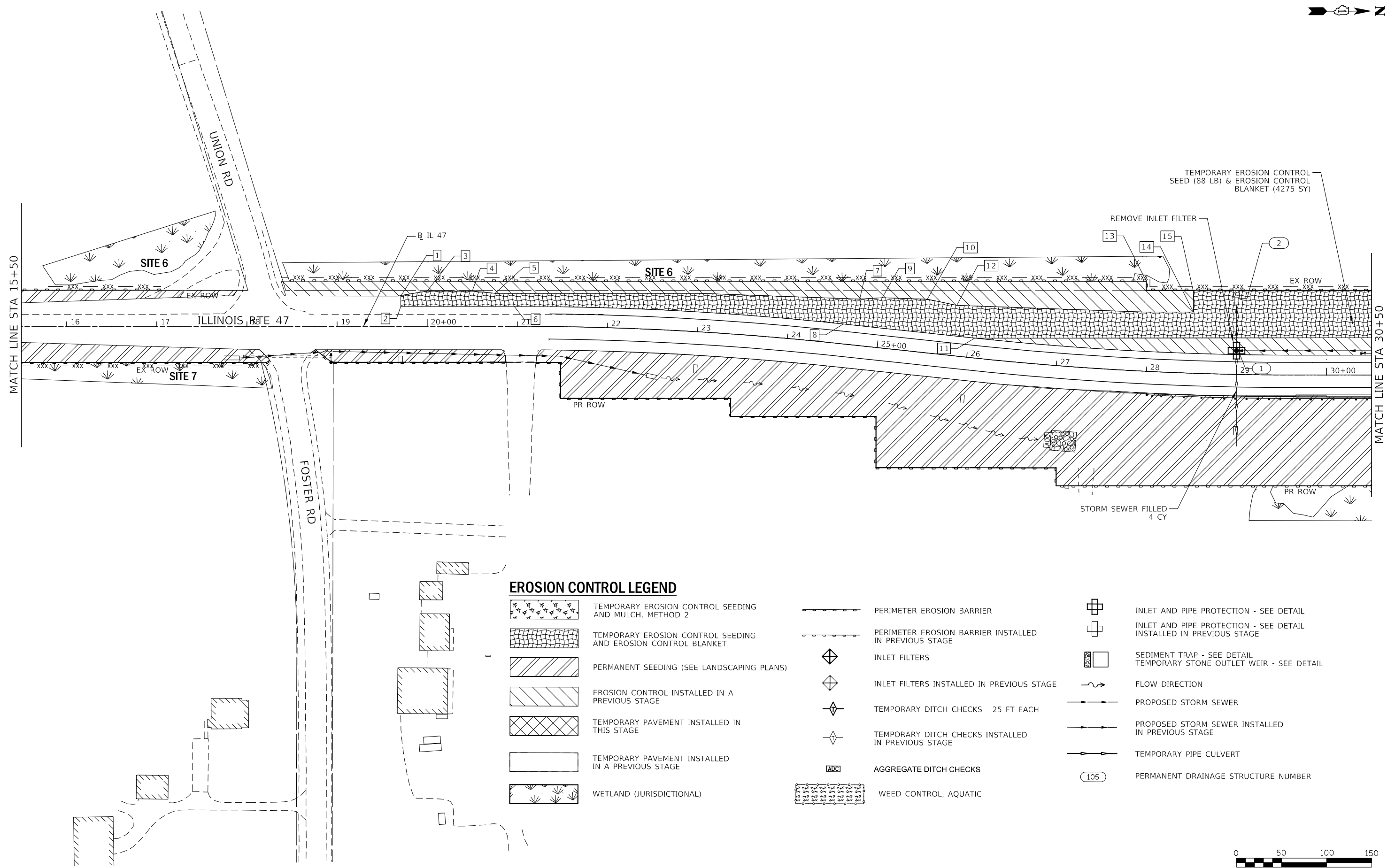
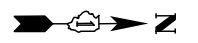
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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
STAGE 4
ILLINOIS ROUTE 47**

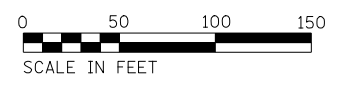
SCALE: 1" = 50' SHEET 14 OF 19 SHEETS STA. 0+50 TO STA. 15+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 85 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | TEMPORARY PIPE CULVERT | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | AGGREGATE DITCH CHECKS | | TEMPORARY PIPE CULVERT |
| | | | WEED CONTROL, AQUATIC | | PERMANENT DRAINAGE STRUCTURE NUMBER |



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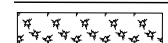

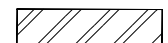
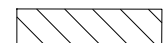



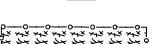
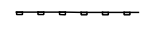


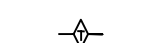
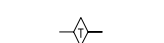











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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

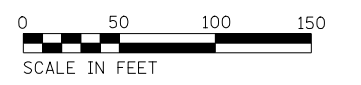
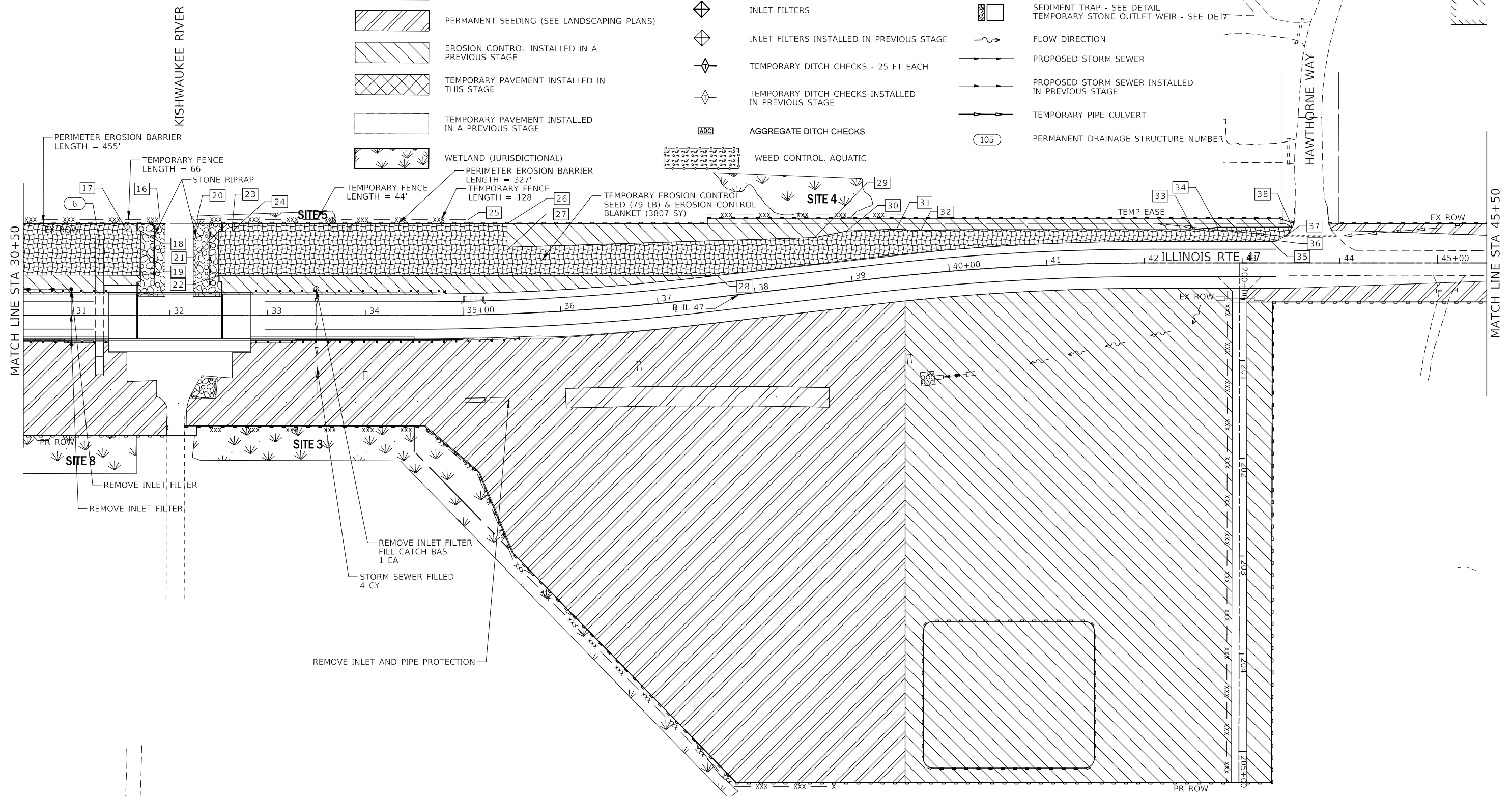
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|----------|--------------|--------------------------|
| EROSION CONTROL PLANS STAGE 4 ILLINOIS ROUTE 47 | | | |
| SCALE: 1" = 50' | SHEET 15 | OF 19 SHEETS | STA. 15+50 TO STA. 30+50 |

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 86 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  PERMANENT SEEDING (SEE LANDSCAPING PLANS)
-  EROSION CONTROL INSTALLED IN A PREVIOUS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN THIS STAGE
-  TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE
-  WETLAND (JURISDICTIONAL)
-  WEED CONTROL, AQUATIC
-  PERIMETER EROSION BARRIER
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  TEMPORARY DITCH CHECKS - 25 FT EACH
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  AGGREGATE DITCH CHECKS
-  INLET AND PIPE PROTECTION - SEE DETAIL
-  INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE
-  SEDIMENT TRAP - SEE DETAIL
-  TEMPORARY STONE OUTLET WEIR - SEE DETAIL
-  FLOW DIRECTION
-  PROPOSED STORM SEWER
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
-  TEMPORARY PIPE CULVERT
-  PERMANENT DRAINAGE STRUCTURE NUMBER



FILE NAME : D:\22A80-shr-eros.04_03.dgn



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|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

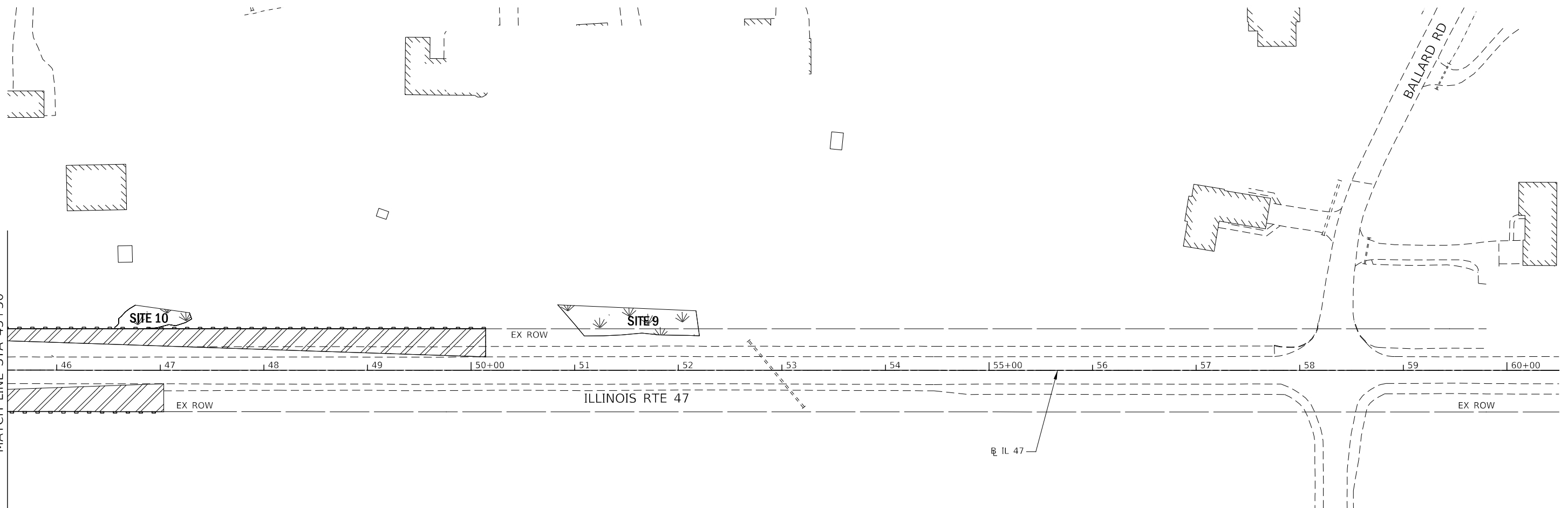
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
STAGE 4
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 16 OF 19 SHEETS STA. 30+50 TO STA. 45+50

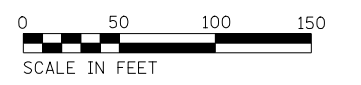
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 87 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

MATCH LINE STA 45+50



EROSION CONTROL LEGEND

- | | | | | | |
|--|---|--|---|--|--|
| | TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 | | PERIMETER EROSION BARRIER | | INLET AND PIPE PROTECTION - SEE DETAIL |
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE | | INLET AND PIPE PROTECTION - SEE DETAIL INSTALLED IN PREVIOUS STAGE |
| | PERMANENT SEEDING (SEE LANDSCAPING PLANS) | | INLET FILTERS | | SEDIMENT TRAP - SEE DETAIL |
| | EROSION CONTROL INSTALLED IN A PREVIOUS STAGE | | INLET FILTERS INSTALLED IN PREVIOUS STAGE | | TEMPORARY STONE OUTLET WEIR - SEE DETAIL |
| | TEMPORARY PAVEMENT INSTALLED IN THIS STAGE | | TEMPORARY DITCH CHECKS - 25 FT EACH | | FLOW DIRECTION |
| | TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE | | TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE | | PROPOSED STORM SEWER |
| | WETLAND (JURISDICTIONAL) | | TEMPORARY PIPE CULVERT | | PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE |
| | | | AGGREGATE DITCH CHECKS | | PERMANENT DRAINAGE STRUCTURE NUMBER |
| | | | WEED CONTROL, AQUATIC | | |



FILE NAME = D:\2280-shr-eros.04.dgn

| | | | |
|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|----------|--------------|--------------------------|
| EROSION CONTROL PLANS STAGE 4 ILLINOIS ROUTE 47 | | | |
| SCALE: 1" = 50' | SHEET 17 | OF 19 SHEETS | STA. 45+50 TO STA. 60+50 |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 88 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

| PRESTAGE EROSION CONTROL TABLE | | |
|-----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 1 | 9+74 | 21 RT |
| 2 | 9+74 | 40 RT |
| 3 | 9+80 | 30 RT |
| 4 | 11+53 | 30 RT |
| 5 | 13+41 | 40 RT |
| 6 | 18+14 | 26 RT |
| 7 | 18+16 | 40 RT |
| 8 | 18+70 | 40 RT |
| 9 | 18+89 | 26 RT |
| 10 | 19+71 | 26 RT |
| 11 | 20+70 | 22 RT |
| 12 | 20+87 | 40 RT |
| 13 | 21+21 | 40 RT |
| 14 | 21+46 | 20 RT |
| 15 | 22+01 | 39 RT |
| 16 | 27+51 | 8 LT |
| 17 | 31+56 | 33 LT |
| 18 | 31+71 | 24 LT |
| 19 | 31+71 | 14 LT |
| 20 | 32+50 | 14 LT |
| 21 | 32+64 | 24 LT |
| 22 | 32+64 | 33 LT |
| 23 | 35+50 | 13 LT |
| 24 | 43+43 | 26 RT |
| 25 | 44+99 | 21 RT |
| 26 | 44+99 | 40 RT |
| 27 | 45+11 | 40 RT |
| 28 | 45+22 | 21 RT |
| 29 | 51+64 | 19 RT |
| 30 | 51+64 | 40 RT |

| STAGE 1 EROSION CONTROL TABLE | | |
|----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 1 | 9+70 | 40 LT |
| 2 | 10+86 | 40 LT |
| 3 | 11+74 | 40 LT |
| 4 | 11+74 | 16 LT |
| 5 | 16+79 | 40 LT |
| 6 | 17+85 | 34 LT |
| 7 | 17+89 | 40 LT |
| 8 | 18+33 | 40 LT |
| 9 | 18+43 | 33 LT |
| 10 | 19+67 | 34 LT |
| 11 | 20+00 | 39 LT |
| 12 | 20+50 | 39 LT |
| 13 | 20+75 | 37 LT |
| 14 | 24+75 | 51 LT |
| 15 | 25+00 | 56 LT |
| 16 | 25+50 | 59 LT |
| 17 | 25+83 | 56 LT |
| 18 | 27+94 | 100 LT |
| 19 | 27+96 | 90 LT |
| 20 | 28+49 | 92 LT |
| 21 | 28+50 | 68 LT |
| 22 | 31+24 | 94 LT |
| 23 | 32+28 | 94 LT |
| 24 | 33+78 | 94 LT |
| 25 | 35+49 | 92 LT |
| 26 | 35+48 | 66 LT |
| 27 | 37+60 | 76 LT |
| 28 | 37+60 | 81 LT |
| 29 | 38+67 | 49 LT |
| 30 | 39+01 | 52 LT |
| 31 | 39+50 | 48 LT |
| 32 | 39+58 | 58 LT |
| 33 | 39+75 | 44 LT |
| 34 | 42+50 | 34 LT |
| 35 | 42+75 | 37 LT |
| 36 | 43+39 | 45 LT |
| 37 | 43+61 | 37 LT |
| 38 | 43+92 | 33 LT |
| 39 | 43+99 | 40 LT |
| 40 | 46+46 | 40 LT |
| 41 | 47+40 | 40 LT |
| 42 | 50+14 | 40 LT |

| STAGE 1 EROSION CONTROL TABLE | | |
|----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 43 | 50+14 | 15 LT |
| 44 | 50+94 | 31 LT |
| 45 | 52+30 | 31 LT |
| 46 | 32+92 | 87 RT |
| 47 | 32+98 | 92 RT |
| 48 | 33+08 | 48 RT |
| 49 | 33+27 | 100 RT |
| 50 | 33+66 | 59 RT |
| 51 | 33+77 | 77 RT |
| 52 | 33+81 | 100 RT |
| 53 | 34+34 | 113 RT |
| 54 | 34+34 | 101 RT |
| 55 | 34+50 | 113 RT |
| 56 | 34+50 | 139 RT |
| 57 | 34+64 | 101 RT |
| 58 | 35+87 | 301 RT |
| 59 | 36+13 | 276 RT |

| STAGE 2 EROSION CONTROL TABLE | | |
|----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 1 | 21+21 | 40 RT |
| 2 | 21+27 | 26 RT |
| 3 | 21+48 | 40 RT |
| 4 | 21+49 | 80 RT |
| 5 | 23+42 | 71 RT |
| 6 | 43+43 | 91 RT |
| 7 | 25+05 | 76 RT |
| 8 | 25+13 | 133 RT |
| 9 | 27+00 | 72 RT |
| 10 | 27+00 | 94 RT |
| 11 | 27+08 | 113 RT |
| 12 | 26+92 | 26 RT |
| 13 | 27+10 | 133 RT |
| 14 | 27+20 | 64 RT |
| 15 | 27+21 | 72 RT |
| 16 | 27+23 | 94 RT |
| 17 | 27+25 | 132 RT |
| 18 | 27+57 | 130 RT |
| 19 | 27+67 | 25 RT |
| 20 | 27+90 | 29 RT |
| 21 | 29+95 | 27 RT |
| 22 | 29+95 | 55 RT |
| 23 | 30+05 | 27 RT |
| 24 | 30+05 | 55 RT |
| 25 | 30+92 | 27 RT |
| 26 | 30+96 | 56 RT |
| 27 | 31+24 | 28 RT |
| 28 | 31+24 | 55 RT |
| 29 | 31+32 | 28 RT |
| 30 | 31+32 | 55 RT |
| 31 | 31+37 | 28 RT |
| 32 | 31+37 | 38 RT |
| 33 | 31+56 | 38 RT |
| 34 | 31+56 | 54 RT |
| 35 | 31+56 | 68 RT |
| 36 | 31+86 | 66 RT |
| 37 | 31+86 | 83 RT |
| 38 | 31+97 | 97 RT |

| STAGE 2 EROSION CONTROL TABLE | | |
|----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 39 | 31+96 | 123 RT |
| 40 | 32+17 | 113 RT |
| 41 | 32+22 | 83 RT |
| 42 | 32+47 | 85 RT |
| 43 | 32+49 | 65 RT |
| 44 | 32+64 | 38 RT |
| 45 | 32+64 | 64 RT |
| 46 | 32+83 | 27 RT |
| 47 | 32+83 | 37 RT |
| 48 | 34+60 | 113 RT |
| 49 | 35+13 | 161 RT |
| 50 | 35+41 | 244 RT |
| 51 | 35+52 | 139 RT |
| 52 | 35+48 | 144 RT |
| 53 | 35+65 | 222 RT |
| 54 | 35+74 | 236 RT |
| 55 | 35+92 | 195 RT |
| 56 | 37+00 | 409 RT |
| 57 | 37+26 | 496 RT |
| 58 | 37+58 | 447 RT |
| 59 | 38+25 | 512 RT |
| 60 | 38+71 | 175 RT |
| 61 | 38+79 | 186 RT |
| 62 | 38+37 | 459 RT |
| 63 | 38+47 | 451 RT |
| 64 | 39+41 | 129 RT |
| 65 | 38+94 | 516 RT |
| 66 | 39+33 | 364 RT |
| 67 | 39+46 | 355 RT |
| 68 | 39+16 | 494 RT |
| 69 | 39+27 | 504 RT |
| 70 | 40+38 | 128 RT |
| 71 | 41+27 | 366 RT |
| 72 | 41+38 | 377 RT |
| 73 | 41+20 | 516 RT |
| 74 | 41+33 | 506 RT |
| 75 | 41+47 | 140 RT |
| 76 | 41+58 | 130 RT |

| STAGE 2 EROSION CONTROL TABLE | | |
|----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 77 | 41+43 | 295 RT |
| 78 | 41+54 | 305 RT |
| 79 | 42+82 | 532 RT |
| 80 | 42+90 | 130 RT |
| 81 | 42+90 | 305 RT |
| 82 | 43+00 | 140 RT |
| 83 | 43+00 | 295 RT |
| 84 | 43+04 | 532 RT |
| 85 | 43+08 | 26 RT |
| 86 | 43+11 | 29 RT |
| 87 | 43+11 | 57 RT |
| 88 | 43+26 | 29 RT |
| 89 | 43+26 | 51 RT |
| 90 | 43+05 | 40 RT |
| 91 | 43+30 | 532 RT |
| 92 | 43+31 | 40 RT |
| 93 | 43+31 | 49 RT |
| 94 | 43+31 | 40 RT |

| STAGE 3 EROSION CONTROL TABLE | | |
|----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 1 | 26+07 | 22 LT |
| 2 | 29+66 | 22 LT |
| 3 | 31+32 | 31 LT |
| 4 | 31+32 | 22 LT |
| 5 | 31+69 | 41 LT |
| 6 | 31+69 | 31 LT |
| 7 | 32+50 | 41 LT |
| 8 | 32+50 | 34 LT |
| 9 | 32+53 | 34 LT |
| 10 | 32+53 | 22 LT |
| 11 | 34+52 | 22 LT |
| 12 | 37+62 | 22 LT |

| STAGE 4 EROSION CONTROL TABLE | | |
|----------------------------------|---------|--------|
| POINT # | STATION | OFFSET |
| 1 | 19+71 | 33 LT |
| 2 | 19+71 | 22 LT |
| 3 | 20+00 | 39 LT |
| 4 | 20+50 | 39 LT |
| 5 | 20+75 | 37 LT |
| 6 | 20+97 | 22 LT |
| 7 | 24+75 | 51 LT |
| 8 | 24+60 | 22 LT |
| 9 | 25+00 | 56 LT |
| 10 | 25+50 | 59 LT |
| 11 | 26+07 | 22 LT |
| 12 | 25+83 | 56 LT |
| 13 | 27+95 | 100 LT |
| 14 | 28+50 | 68 LT |
| 15 | 28+49 | 92 LT |
| 16 | 31+90 | 94 LT |
| 17 | 31+56 | 87 LT |
| 18 | 31+70 | 87 LT |
| 19 | 31+69 | 41 LT |
| 20 | 32+28 | 94 RT |
| 21 | 32+50 | 87 LT |
| 22 | 32+50 | 41 LT |
| 23 | 32+64 | 94 LT |
| 24 | 32+64 | 87 LT |
| 25 | 35+07 | 93 RT |
| 26 | 35+49 | 92 LT |
| 27 | 35+48 | 66 LT |
| 28 | 37+63 | 22 LT |
| 29 | 38+67 | 49 LT |
| 30 | 39+00 | 52 LT |
| 31 | 39+50 | 48 LT |
| 32 | 39+75 | 44 LT |
| 33 | 42+50 | 34 LT |
| 34 | 42+75 | 37 LT |
| 35 | 43+30 | 22 LT |
| 36 | 43+35 | 23 LT |
| 37 | 43+44 | 27 LT |
| 38 | 43+51 | 37 LT |

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KNIGHT
Engineers & Architects

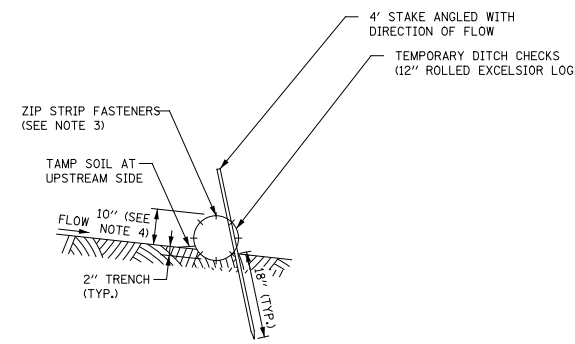
| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

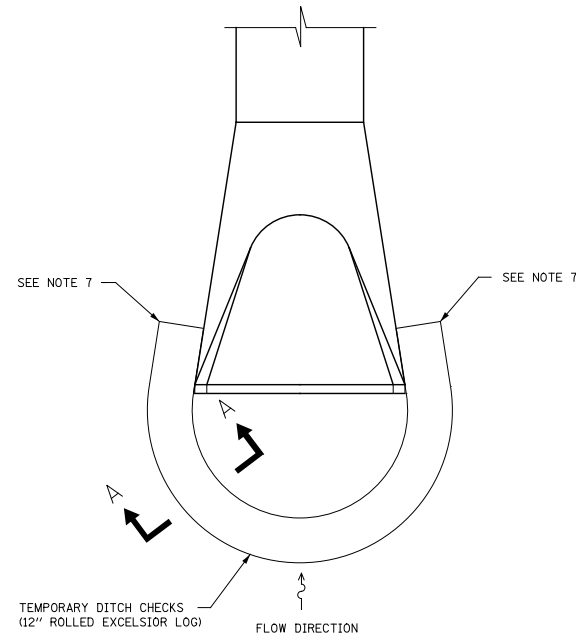
**EROSION CONTROL PLANS
EROSION CONTROL SCHEDULES
ILLINOIS ROUTE 47**

SCALE: SHEET 18 OF 19 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 89 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



SECTION A-A

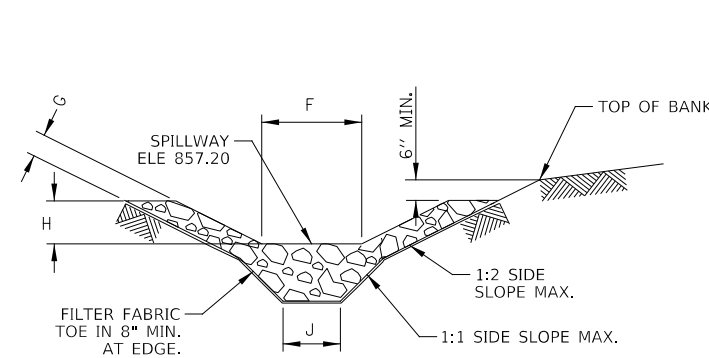


AT CULVERT INLETS

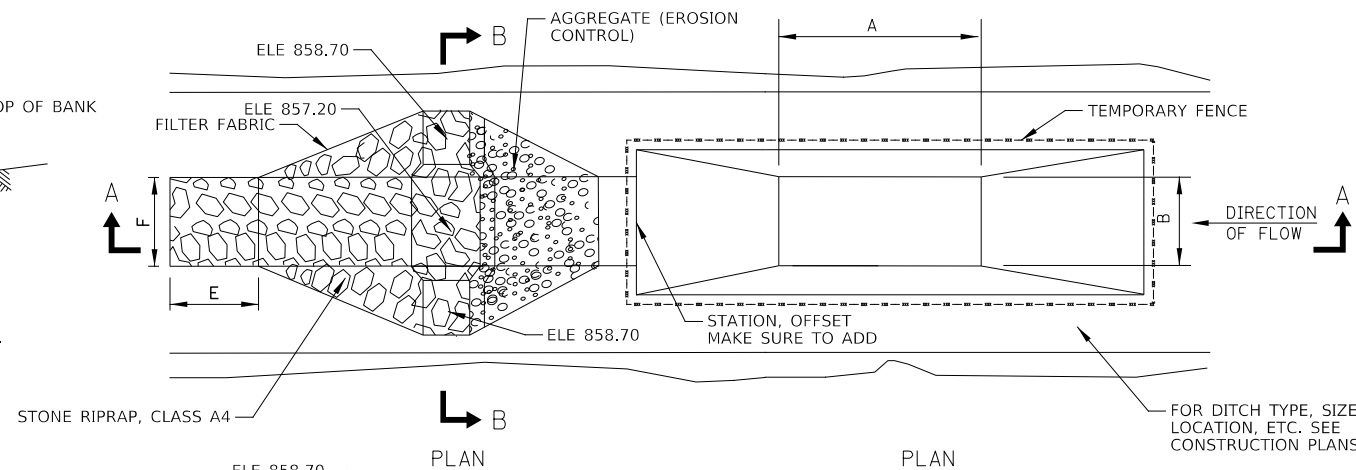
INLET AND PIPE PROTECTION
SCALE=N.T.S.

NOTES:

1. THE INLET AND PIPE PROTECTION DETAIL SUPERCEDES HIGHWAY STANDARD 280001 IN ACCORDANCE WITH ARTICLE 105.05 OF THE STANDARD SPECIFICATIONS.
2. ROLLED EXCELSIOR LOG SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 2" AND SOIL SHALL BE TAMPED AGAINST THE UPSTRAEM SIDE TO ASSURE THAT STORM WATER IS FORCED THROUGH THE LOG, RATHER THAN UNDER IT.
3. STAKES SHALL BE 4' LONG, DRIVEN AT A SPACING OF 4' ON CENTER, 18" INTO THE GROUND. STAKES SHALL BE ENTWINED WITH THE MESH COVERING OF THE ROLL ON THE DOWNSTREAM SIDE AND ANGLED IN THE DIRECTION OF FLOW. WOOD STAKES TO BE A MINIMUM OF 1/2" SQUARE. METAL STAKES TO BE A MINIMUM OF 1" DIAMETER.
4. WHEN MORE THAN ONE LOG IS REQUIRED TO SURROUND THE INLET, BUTT LOGS TIGHTLY TOGETHER END TO END AND FASTEN TOGETHER WITH A MINIMUM OF EIGHT EQUALLY SPACED ZIP STRIP NYLON FASTENERS.
5. ROLLED EXCELSIOR LOG DITCH CHECKS ARE SUPPLIED IN STANDARD 10' LENGTHS AND SHOULD NOT BE CUT.
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT SHALL BE REMOVED WHEN IT REACHES 50% OF ROLL HEIGHT, THE COST TO COMPLETE THIS WORK SHALL BE CONSIDERED INCIDENTAL. WHEN EXCELSIOR ROLL HEIGHT BECOMES LESS THAN 10", IT SHALL BE REPLACED.
7. ROLLED EXCELSIOR LOG DITCH CHECKS SHALL BE SUFFICIENTLY LONG ENOUGH THAT THE TOP OF THE DEVICE IN THE MIDDLE OF THE DITCH IS AT LEAST 6" LOWER THAN THE BOTTOM OF THE TERMINATING ENDS OF THE DITCH SIDE SLOPES.
8. REMOVE DURING STAGE 4 OF CONSTRUCTION, TO BE PAID FOR AS REMOVE INLET AND PIPE PROTECTION



SECTION B-B



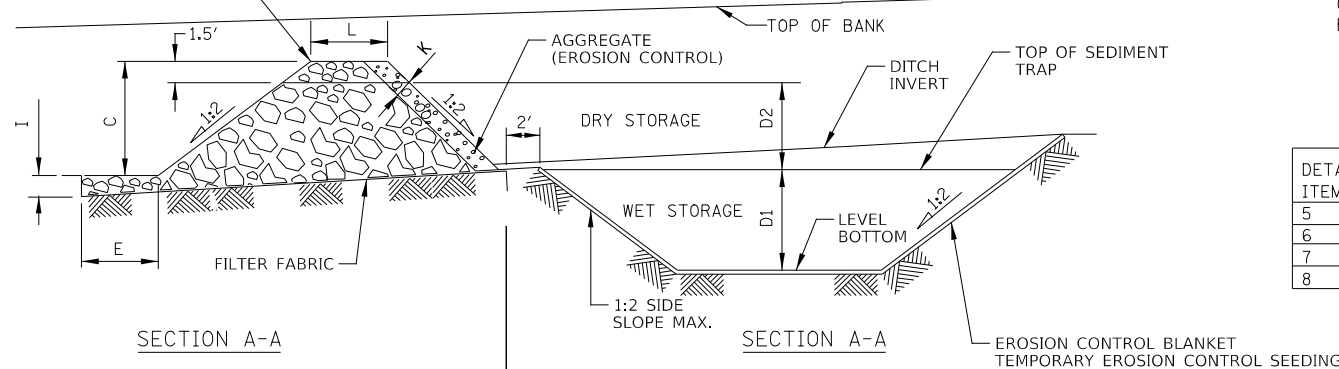
NOTES:

1. USE IN EXISTING, PROPOSED AND TEMPORARY DITCHES OF ALL TYPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
2. THE SEDIMENT TRAP SHALL BE REPLACED DUE TO WASHOUT OR SILT ACCUMULATION. THE SILT SHALL BE REMOVED WHEN THE TRAP IS 50% FULL. THE COST TO COMPLETE THIS WORK SHALL BE PAID FOR AS EARTH EXCAVATION FOR EROSION CONTROL AND AGGREGATE (EROSION CONTROL).
3. UPON COMPLETION OF CONSTRUCTION, ESTABLISHMENT OF FINAL STABILIZATION, AND WHEN DIRECTED BY THE ENGINEER, THE SEDIMENT TRAP SHALL BE REMOVED AND THE DITCH LINE RE-ESTABLISHED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. THE COST TO COMPLETE THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEMS LISTED ABOVE.
4. THE SEDIMENT TRAP SHALL BE REPLACED DUE TO DAMAGE FROM CONSTRUCTION TRAFFIC, THE COST TO COMPLETE THIS WORK SHALL BE CONSIDERED INCIDENTAL.

| DIMENSIONS | |
|------------------|------------|
| ALIGNMENT | IL 47 |
| STATION | 35+35.78 |
| OFFSET | 155.50' RT |
| A (FT) | 70 |
| B (FT) | 35 |
| C (FT) | 2.1 |
| D1 (FT) | 1.75 |
| D2 (FT) | 0.6 |
| E (FT.) | 6 |
| F (FT.) | 28 |
| G (IN.) | 21 (MIN.) |
| H (FT.) | 1.5 |
| I (IN.) | 16 |
| J (FT.) | 3 (MIN.) |
| K (FT.) | 1 |
| L (FT.) | 6 |
| STONE RIPRAP | RR-04 |
| AGGREGATE | CA-02 |
| DRN. AREA (AC) | 3.8 |
| CAPACITY (CU YD) | 515 |

| DETAIL ITEM # | PAY ITEM NAME | UNIT | QUANTITY |
|---------------|--------------------------------------|-------|----------|
| 1 | STONE RIPRAP, CLASS A4 | TON | 243 |
| 2 | AGGREGATE (EROSION CONTROL) | TON | 75 |
| 3 | FILTER FABRIC | SQ YD | 15 |
| 4 | EARTH EXCAVATION FOR EROSION CONTROL | CU YD | 10 |

| DETAIL ITEM # | PAY ITEM NAME | UNIT | QUANTITY |
|---------------|--------------------------------------|-------|----------|
| 5 | EARTH EXCAVATION FOR EROSION CONTROL | CU YD | 136 |
| 6 | TEMPORARY FENCE | FOOT | 192 |
| 7 | EROSION CONTROL BLANKET | SQ YD | 400 |
| 8 | TEMPORARY EROSION CONTROL SEEDING | FOOT | 8 |



SECTION A-A

SECTION A-A

TEMPORARY STONE OUTLET WEIR
SCALE=N.T.S.

SEDIMENT TRAP DETAIL
SCALE=N.T.S.

FILE NAME = D:\22480-shr-eros-Detail.dgn

KNIGHT
Engineers & Architects

| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - CL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - JCS | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

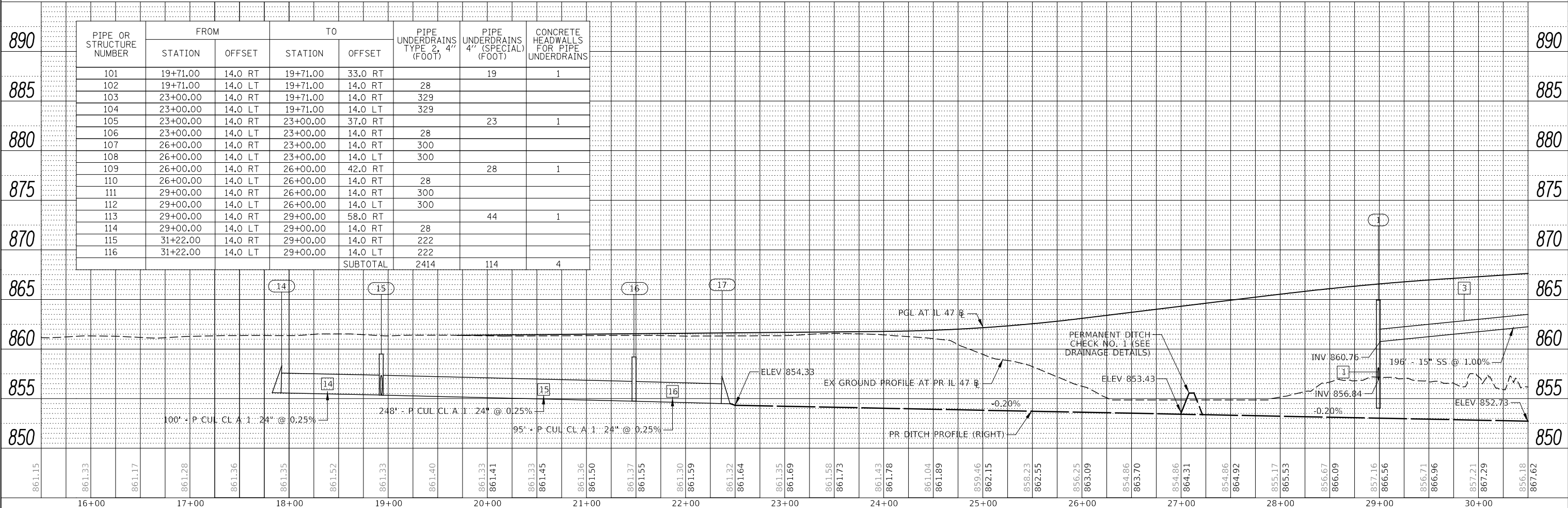
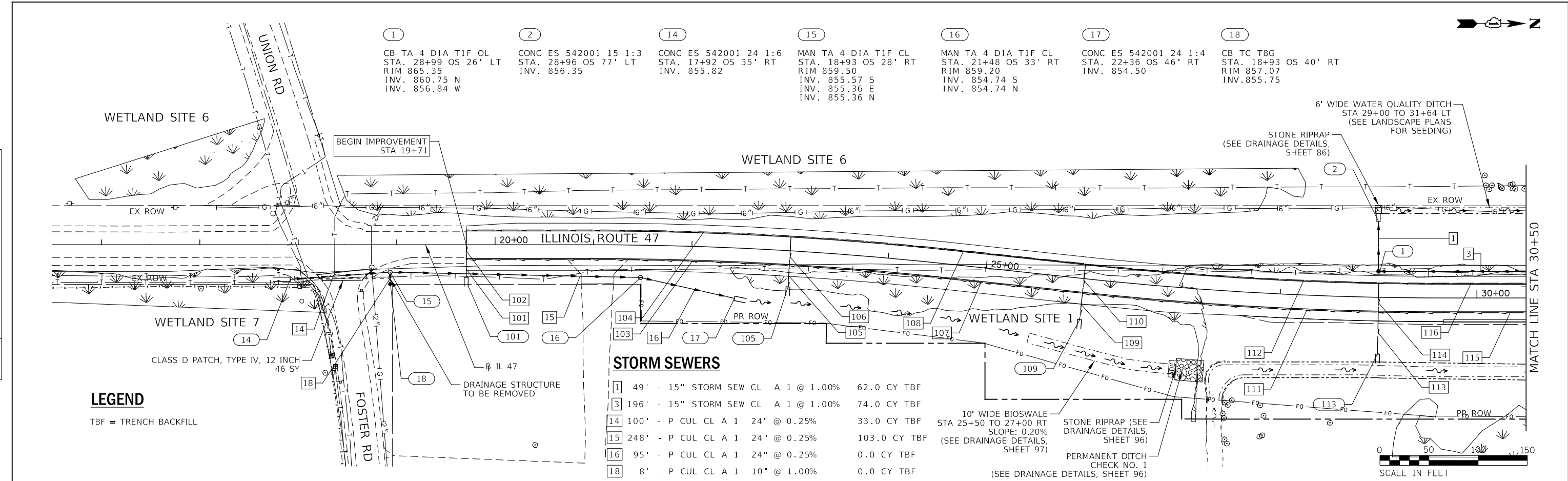
EROSION CONTROL PLANS
DETAILS

SCALE: SHEET 19 OF 19 SHEETS STA. TO STA.

| | | | | |
|---|------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 90 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

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

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



| PIPE OR STRUCTURE NUMBER | FROM | | TO | | PIPE UNDERDRAINS TYPE 2, 4" (FOOT) | PIPE UNDERDRAINS 4" (SPECIAL) (FOOT) | CONCRETE HEADWALLS FOR PIPE UNDERDRAINS |
|--------------------------|----------|---------|----------|---------|------------------------------------|--------------------------------------|---|
| | STATION | OFFSET | STATION | OFFSET | | | |
| 101 | 19+71.00 | 14.0 RT | 19+71.00 | 33.0 RT | | 19 | 1 |
| 102 | 19+71.00 | 14.0 LT | 19+71.00 | 14.0 RT | 28 | | |
| 103 | 23+00.00 | 14.0 RT | 19+71.00 | 14.0 RT | 329 | | |
| 104 | 23+00.00 | 14.0 LT | 19+71.00 | 14.0 LT | 329 | | |
| 105 | 23+00.00 | 14.0 RT | 23+00.00 | 37.0 RT | | 23 | 1 |
| 106 | 23+00.00 | 14.0 LT | 23+00.00 | 14.0 RT | 28 | | |
| 107 | 26+00.00 | 14.0 RT | 23+00.00 | 14.0 RT | 300 | | |
| 108 | 26+00.00 | 14.0 LT | 23+00.00 | 14.0 LT | 300 | | |
| 109 | 26+00.00 | 14.0 RT | 26+00.00 | 42.0 RT | | 28 | 1 |
| 110 | 26+00.00 | 14.0 LT | 26+00.00 | 14.0 RT | 28 | | |
| 111 | 29+00.00 | 14.0 RT | 26+00.00 | 14.0 RT | 300 | | |
| 112 | 29+00.00 | 14.0 LT | 26+00.00 | 14.0 LT | 300 | | |
| 113 | 29+00.00 | 14.0 RT | 29+00.00 | 58.0 RT | | 44 | 1 |
| 114 | 29+00.00 | 14.0 LT | 29+00.00 | 14.0 RT | 28 | | |
| 115 | 31+22.00 | 14.0 RT | 29+00.00 | 14.0 RT | 222 | | |
| 116 | 31+22.00 | 14.0 LT | 29+00.00 | 14.0 LT | 222 | | |
| SUBTOTAL | | | | | 2414 | 114 | 4 |

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LEGEND

BCES = BOX CULVERT END SECTION
 TBF = TRENCH BACKFILL

3 CB TA 4 DIA T1F OL
 STA. 30+99 OS 27' LT
 RIM 866.50
 INV. 862.97 E
 INV. 862.72 S

4 INLETS TA T24F&G
 STA. 30+99 OS 23' RT
 RIM 867.21
 INV. 863.21

5 BOX CUL END SEC C1
 (SEE BCES DETAILS)
 STA. 31+28 OS 42' RT
 INV. 857.28
 (SEE NOTE)

6 BOX CUL END SEC C2
 (SEE BCES DETAILS)
 STA. 31+28 OS 58' LT
 INV. 857.20

7 CONC ES 542001 24 1:6
 STA. 35+25 OS 87' RT
 INV. 856.64

9 CONC ES 542001 18 1:3
 STA. 40+09 OS 106' RT
 INV. 866.35

11 CONC ES 542001 18 1:3
 STA. 39+84 OS 107' RT
 INV. 863.00

13 CONC ES 542001 15 1:3
 STA. 43+12 OS 37' RT
 INV. 876.40

STORM SEWERS

- 4 48' - 12" STORM SEW CL A 1 @ 0.50% 7 CY TBF
- 5 100' - PRECAST CONCRETE BOX CULVERTS 7'X7' @ 0.08% 147 CY GRANULAR BACKFILL STR
- 7 7' - 24" STORM SEW CL A 1 @ 2.00% 0 CY TBF
- 9 10' - 18" STORM SEW CL A 1 @ 1.00% 0 CY TBF
- 10 13' - 18" STORM SEW CL A 1 @ 1.00% 0 CY TBF
- 12 30' - P CUL CL A 1 15" @ 4.67% 4 CY TBF

EARTHWORK REQUIRED FOR TRANSITIONING THE CHANNEL UPSTREAM AND DOWNSTREAM OF THE PROPOSED BRIDGE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CHANNEL EXCAVATION

WETLAND SITE 5
 6' WIDE WATER QUALITY DITCH STA 32+56 TO 35+00 LT (SEE LANDSCAPE PLANS FOR SEEDING)

WETLAND SITE 4

WETLAND SITE 3
 SN 056-0399 EMBEDDED WILDLIFE CROSSING CULVERT (SEE DRAINAGE DETAILS, SHEET 96)
 PERMANENT DITCH CHECK NO. 2 W/RESTRICTOR (SEE DRAINAGE DETAILS, SHEET 96)

WETLAND SITE 8

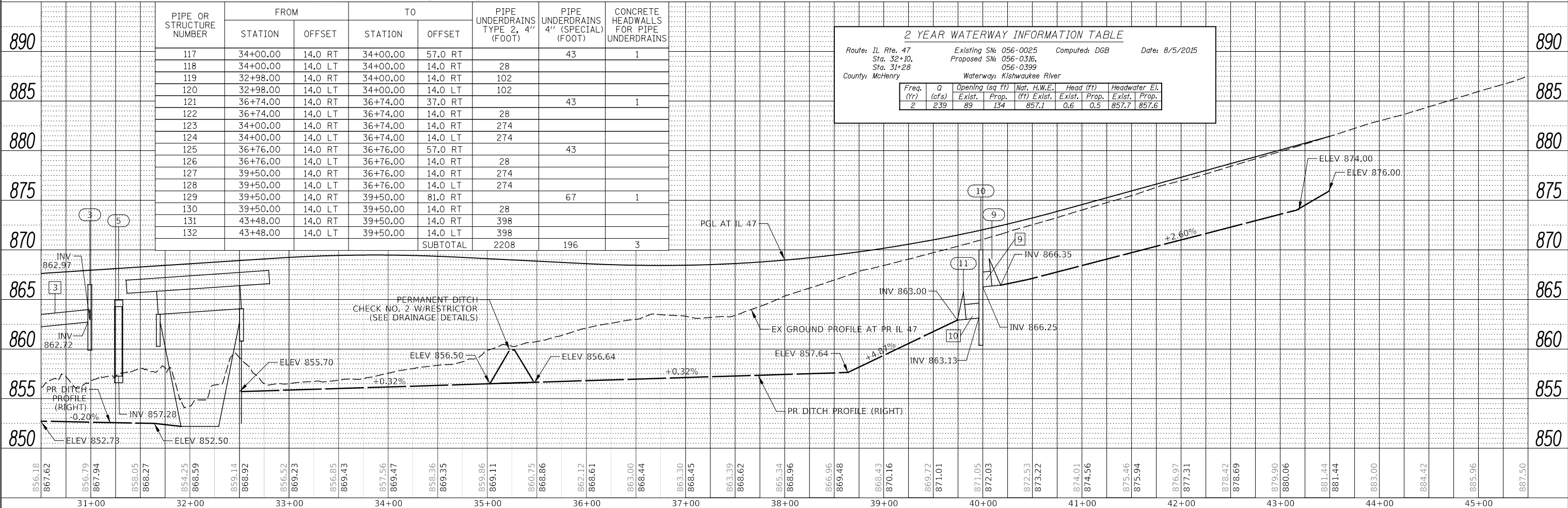
20' WIDE BIOSWALE STA 35+47 TO STA 38+64 RT SLOPE: 0.20% (SEE DRAINAGE DETAILS, SHEET 97)

NOTE:
 NAME PLATE IN ACCORDANCE WITH HIGHWAY STANDARD 515001 SHALL BE CAST INTO END SECTION. LOCATION OF NAME PLATE SHALL BE COORDINATED WITH IDOT DISTRICT 1 BUREAU OF MAINTENANCE. SEE DRAINAGE DETAILS ON SHEET 85 FOR NAME PLATE LETTERING.



| | |
|---------|--|
| DATE | |
| BY | |
| PLAN | |
| NO. | |
| DATE | |
| BY | |
| PROFILE | |
| NO. | |

| | |
|---------|--|
| DATE | |
| BY | |
| PROFILE | |
| NO. | |



2 YEAR WATERWAY INFORMATION TABLE

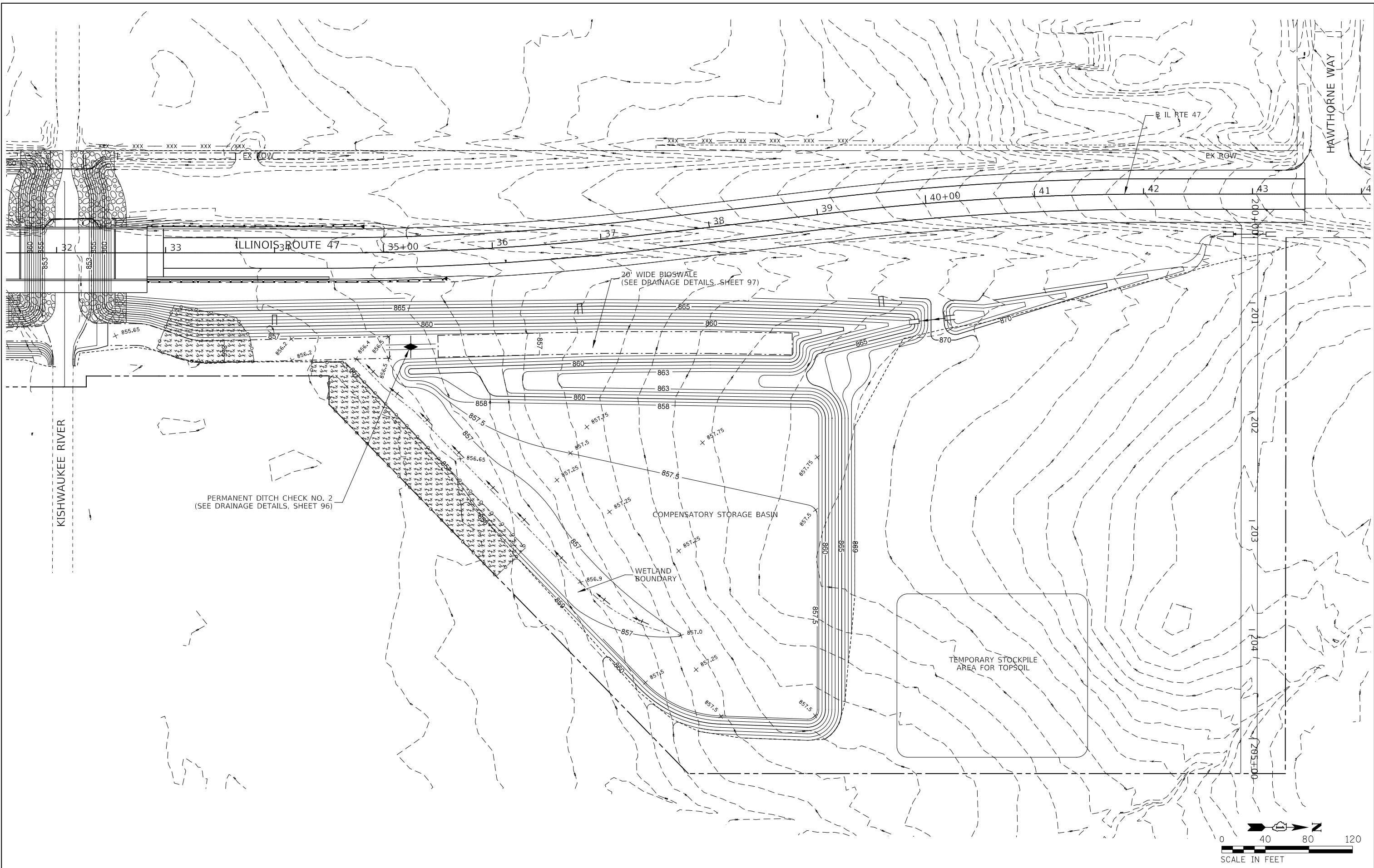
Route: IL Rte. 47
 Sta. 32+10, Sta. 31+28
 County: McHenry

Existing SN: 056-0025
 Proposed SN: 056-0316, 056-0399
 Waterway: Kishwaukee River

Computed: DGB
 Date: 8/5/2015

| Freq. (Yr) | Q (cfs) | Opening (sq ft) | Mat. (ft) | H.W.E. (ft) | Head (ft) | Headwater EL. (ft) |
|------------|---------|-----------------|-----------|-------------|-----------|--------------------|
| 0 | | | | | | |
| 2 | 239 | 89 | 134 | 857.1 | 0.6 | 857.7 |
| | | | | | 0.5 | 857.6 |

| PIPE OR STRUCTURE NUMBER | FROM | | TO | | PIPE UNDERDRAINS TYPE 2, 4" (FOOT) | PIPE UNDERDRAINS 4" (SPECIAL) (FOOT) | CONCRETE HEADWALLS FOR PIPE UNDERDRAINS |
|--------------------------|----------|---------|----------|---------|------------------------------------|--------------------------------------|---|
| | STATION | OFFSET | STATION | OFFSET | | | |
| 117 | 34+00.00 | 14.0 RT | 34+00.00 | 57.0 RT | | 43 | 1 |
| 118 | 34+00.00 | 14.0 LT | 34+00.00 | 14.0 RT | 28 | | |
| 119 | 32+98.00 | 14.0 RT | 34+00.00 | 14.0 RT | 102 | | |
| 120 | 32+98.00 | 14.0 LT | 34+00.00 | 14.0 LT | 102 | | |
| 121 | 36+74.00 | 14.0 RT | 36+74.00 | 37.0 RT | | 43 | 1 |
| 122 | 36+74.00 | 14.0 LT | 36+74.00 | 14.0 RT | 28 | | |
| 123 | 34+00.00 | 14.0 RT | 36+74.00 | 14.0 RT | 274 | | |
| 124 | 34+00.00 | 14.0 LT | 36+74.00 | 14.0 LT | 274 | | |
| 125 | 36+76.00 | 14.0 RT | 36+76.00 | 57.0 RT | | 43 | |
| 126 | 36+76.00 | 14.0 LT | 36+76.00 | 14.0 RT | 28 | | |
| 127 | 39+50.00 | 14.0 RT | 36+76.00 | 14.0 RT | 274 | | |
| 128 | 39+50.00 | 14.0 LT | 36+76.00 | 14.0 LT | 274 | | |
| 129 | 39+50.00 | 14.0 RT | 39+50.00 | 81.0 RT | | 67 | 1 |
| 130 | 39+50.00 | 14.0 LT | 39+50.00 | 14.0 RT | 28 | | |
| 131 | 43+48.00 | 14.0 RT | 39+50.00 | 14.0 RT | 398 | | |
| 132 | 43+48.00 | 14.0 LT | 39+50.00 | 14.0 LT | 398 | | |
| SUBTOTAL | | | | | 2208 | 196 | 3 |



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KNIGHT
Engineers & Architects

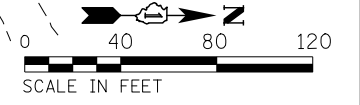
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|-----------------------|----------------------|-----------|
| USER NAME = c1iss | DESIGNED - DGB | REVISED - |
| PLOT SCALE = 1:80 | DRAWN - DGB | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

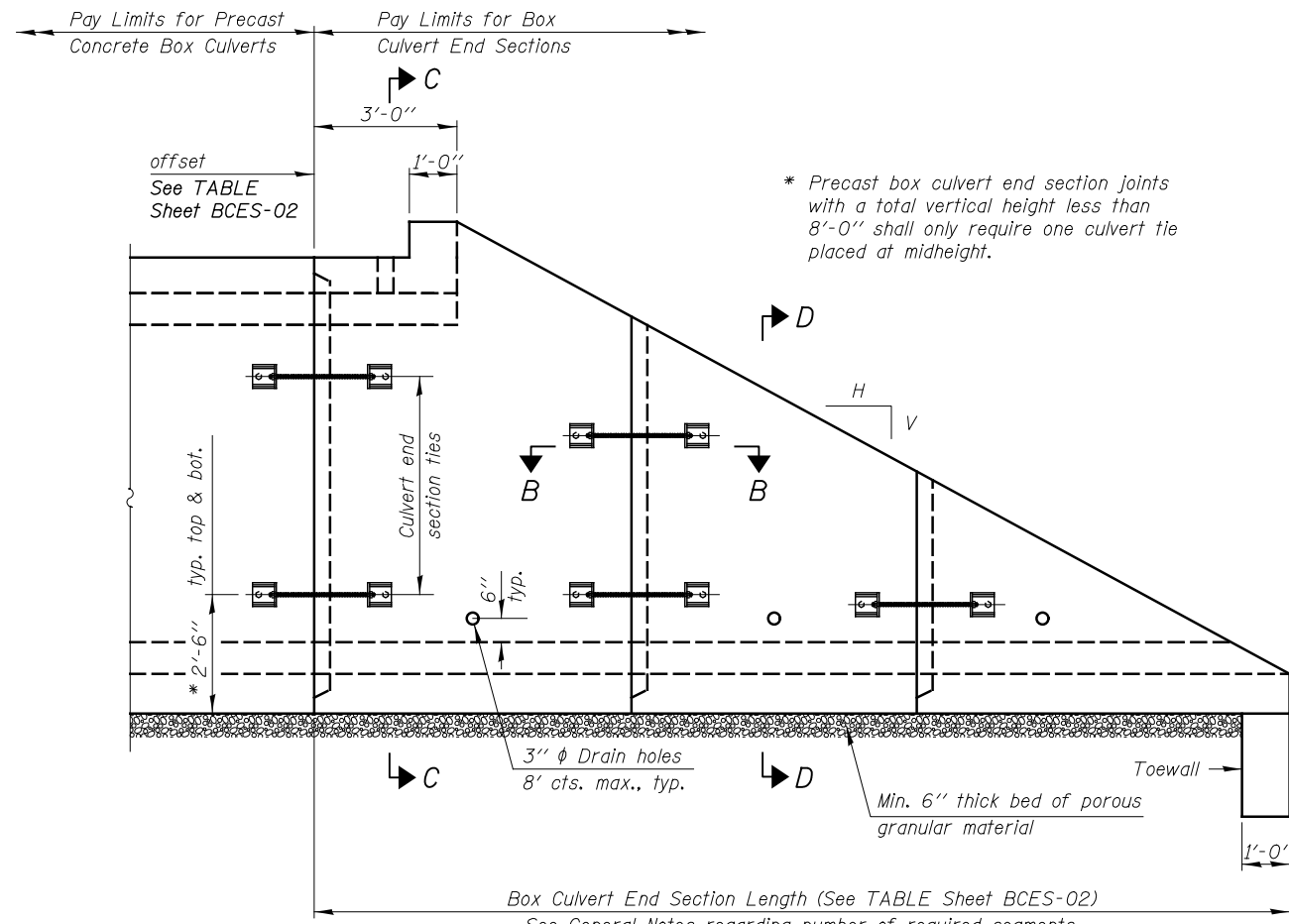
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE SHEETS
COMPENSATORY STORAGE BASIN
ILLINOIS ROUTE 47**

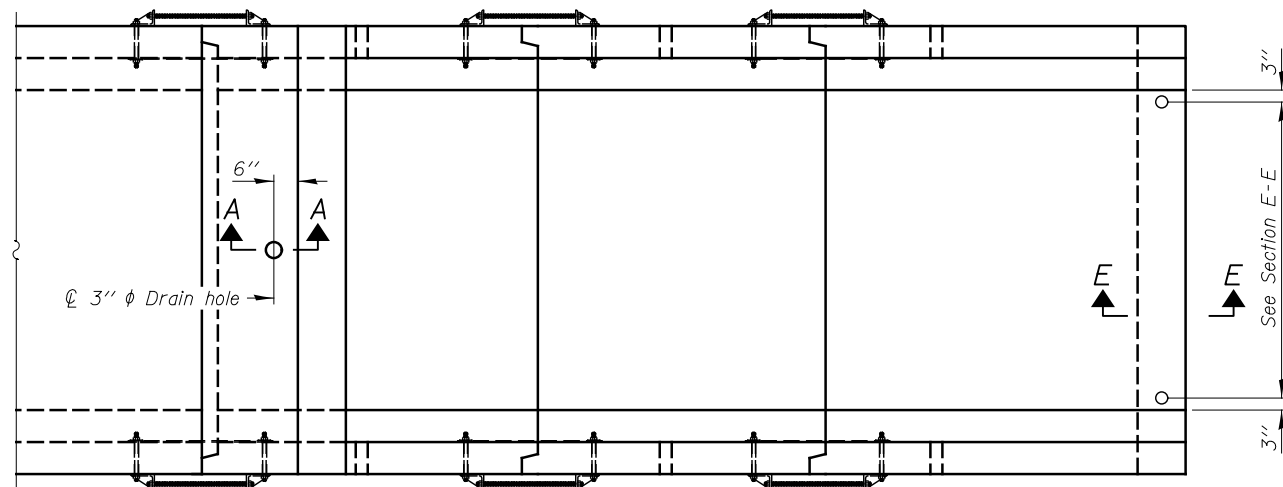
SCALE: 1" = 40' SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 93 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

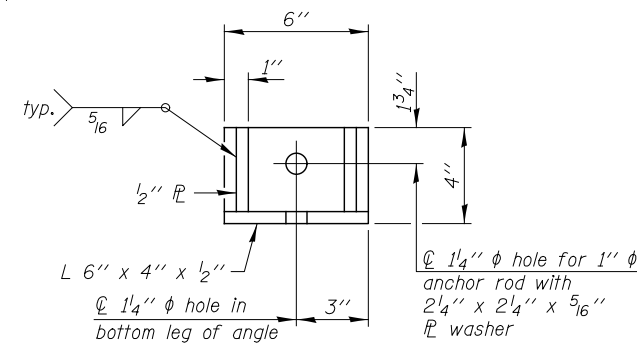
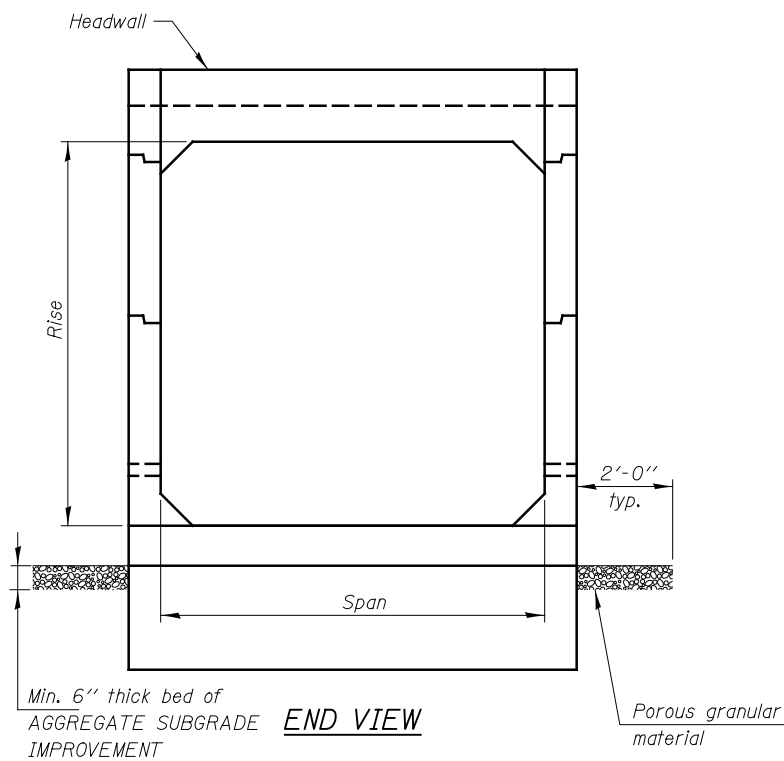




ELEVATION



PLAN



RESTRAINT ANGLE DETAIL

12" x 12" x 6" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

3" ϕ PVC drain cast with the concrete (Adjust location to clear reinforcement).

1/2" Square foam blockout around PVC drain (to be removed with formwork)

SECTION A-A

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each as indicated in the TABLE on Sheet BCES-02. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

See the TABLE on Sheet BCES-02 for embankment slope (V:H).

1" ϕ anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

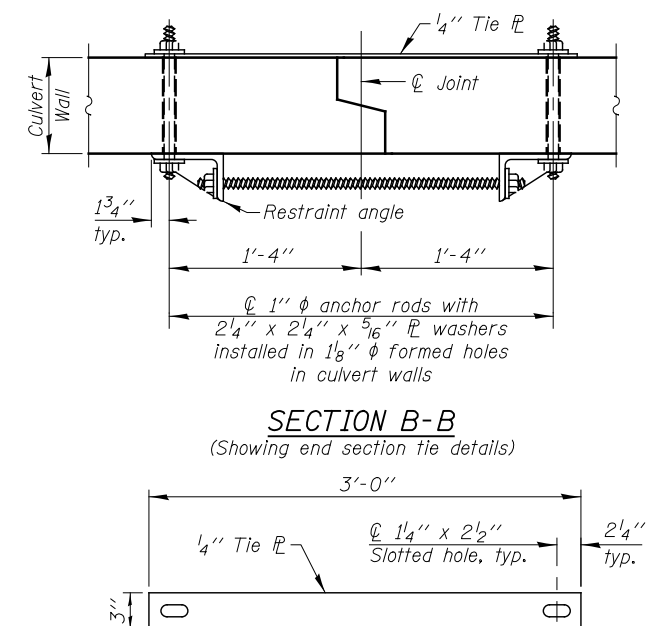
Reinforcement bars designated (E) shall be epoxy coated.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

For end sections with traversable pipe grate systems, see grate detail on Sheet BCES-05 for required modifications.

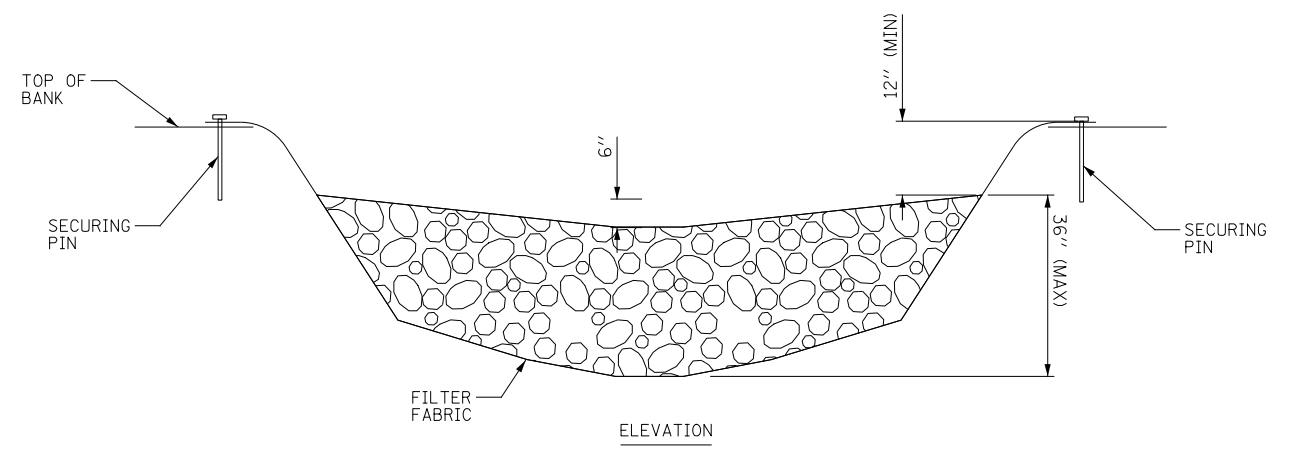
For additional riprap requirements, see Drainage Details.



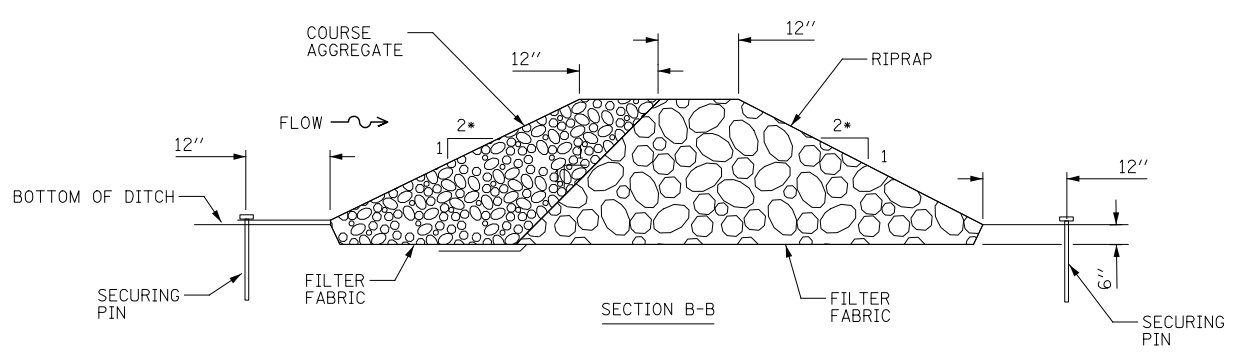
TIE PLATE DETAIL

| | | |
|----------------------|---------------|-----------|
| USER NAME = c11ss | DESIGNED - TB | REVISED - |
| DRAWN - SMA | REVISED - | |
| CHECKED - WPM | REVISED - | |
| DATE - JULY 27, 2020 | REVISED - | |

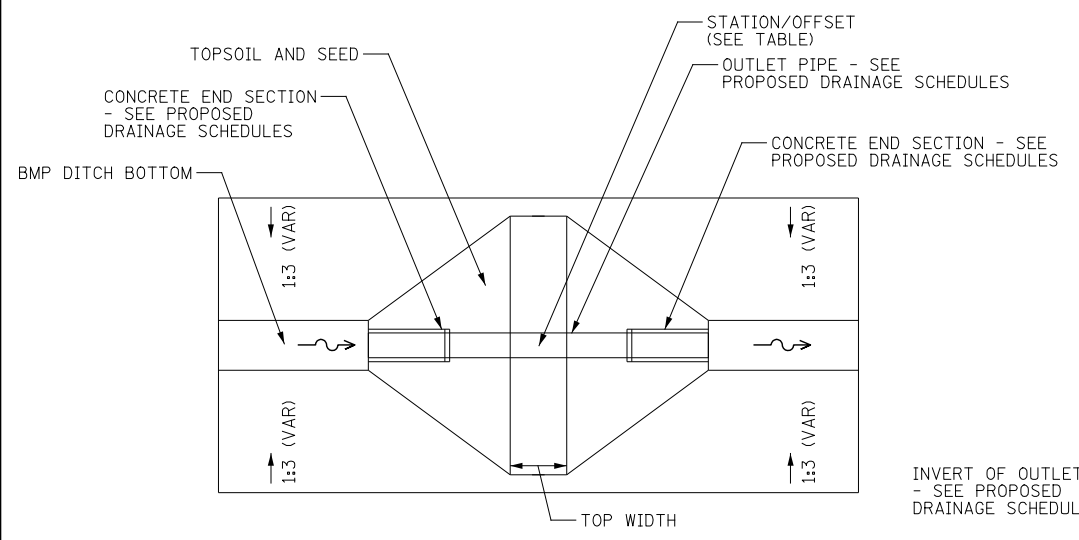
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|---|------------|--------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 94 |
| BCES-01 | | CONTRACT NO. 62A80 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



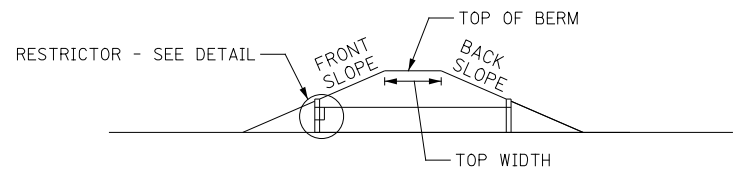
* WHEN THE DITCH CHECK IS WITHIN THE CLEAR ZONE AND THE ROAD IS OPEN TO TRAFFIC, THE TRAFFIC APPROACH SLOPE OF THE AGGREGATE SHALL BE 1:4 (V:H)



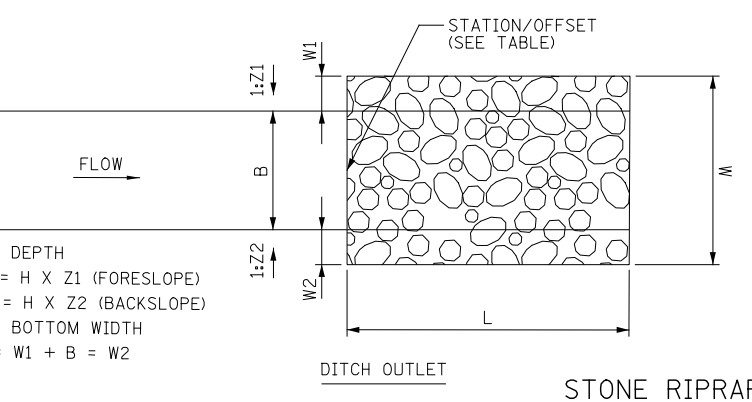
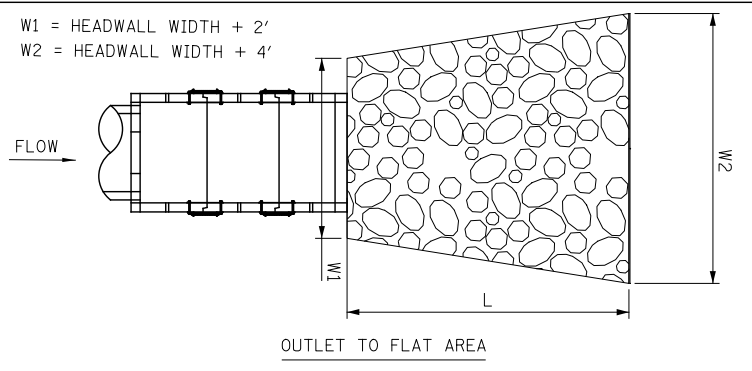
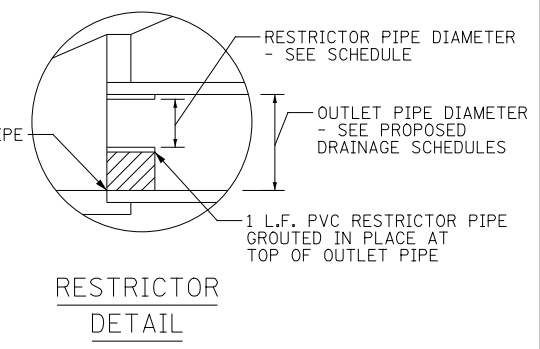
PERMANENT DITCH CHECK NO. 1



| STATION | OFFSET | LT/RT | ELEVATION OF TOP OF BERM | BERM TOP WIDTH | FRONT SLOPE (U/S) | BACK SLOPE (D/S) | RESTRICTOR DIAMETER |
|---------|--------|-------|--------------------------|----------------|-------------------|------------------|---------------------|
| 35+25 | 87' | RT | 859.90 | 5' | 1:6 | 1:6 | 12" |



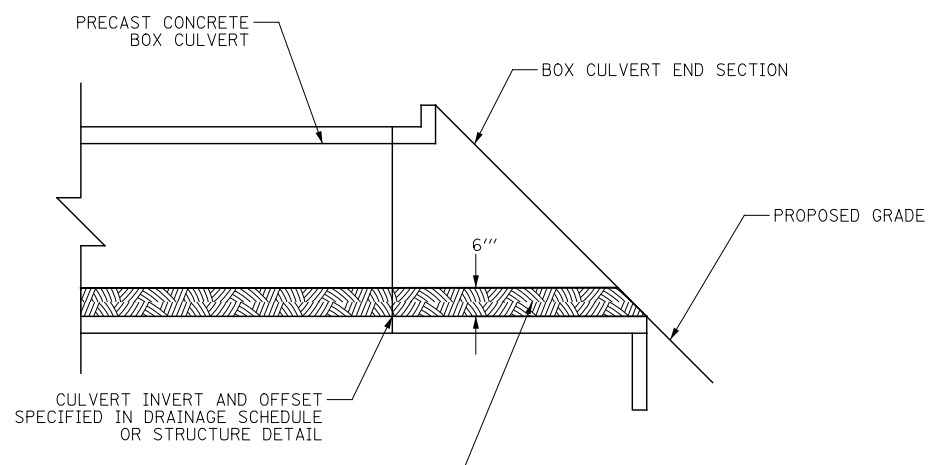
PERMANENT DITCH CHECK NO. 2 WITH RESTRICTOR



STONE RIPRAP, CLASS A3

| STRUCTURE NUMBER | CULVERT SIZE | W1 (FEET) | W2 (FEET) | L (FEET) | RIP RAP (SQ YD) | FILTER FABRIC (SQ YD) |
|------------------|--------------|-----------|-----------|----------|-----------------|-----------------------|
| 2 | 15" | 6 | 8 | 8 | 6 | 6 |
| 11 | 18" | 16 | 16 | 14 | 25 | 25 |
| DITCH OUTLETS: | | | | | | |
| STATION | OFFSET | H (FEET) | W (FEET) | L (FEET) | | |
| 27+00 | 83' RT | 2 | 22 | 28 | 69 | 69 * |
| 32+23 | 73' RT | 2 | 20 | 25 | 56 | 56 |
| SCHEDULE TOTAL: | | | | | 156 | 156 |

* PLACE RIPRAP ADJACENT TO BRIDGE CONE RIPRAP.



NOTE:
 1. SEE DRAINAGE SCHEDULES & STRUCTURE DETAILS FOR ADDITIONAL INFORMATION.
 2. MATERIAL SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY (ASTM D1557/AASHTO T180).

EMBEDDED WILDLIFE CROSSING CULVERTS

FILE NAME = D162A80-shr-details.dwg

KNIGHT
Engineers & Architects

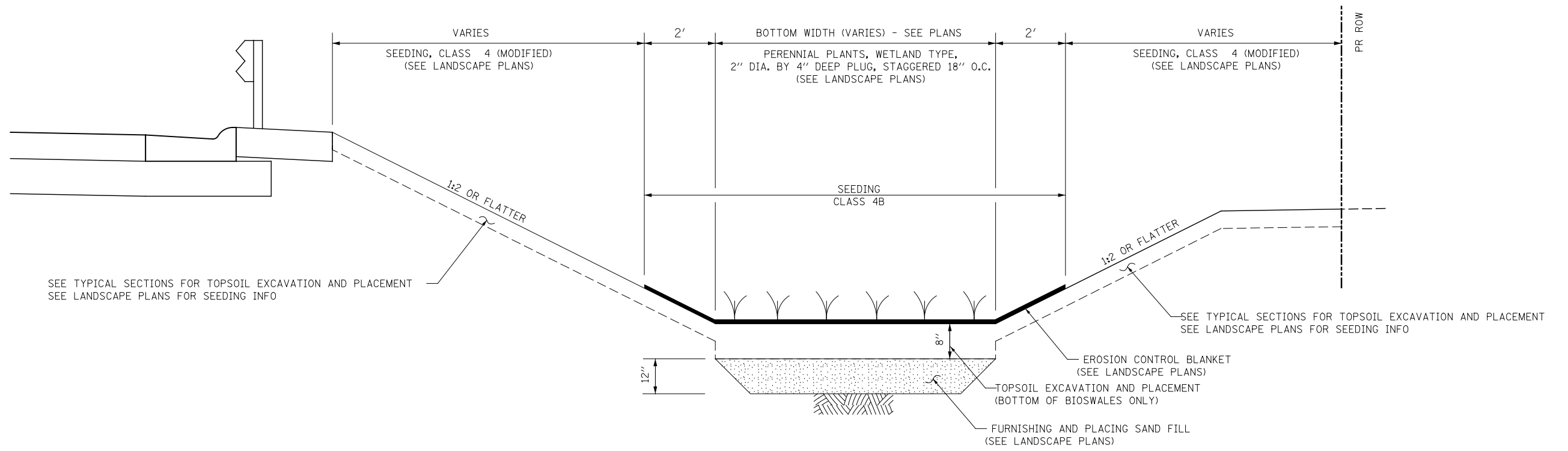
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| USER NAME = c11ss | DESIGNED - DGB | REVISED - |
| PLOT SCALE = 1:40 | DRAWN - DGB | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 96 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 62A80 | |

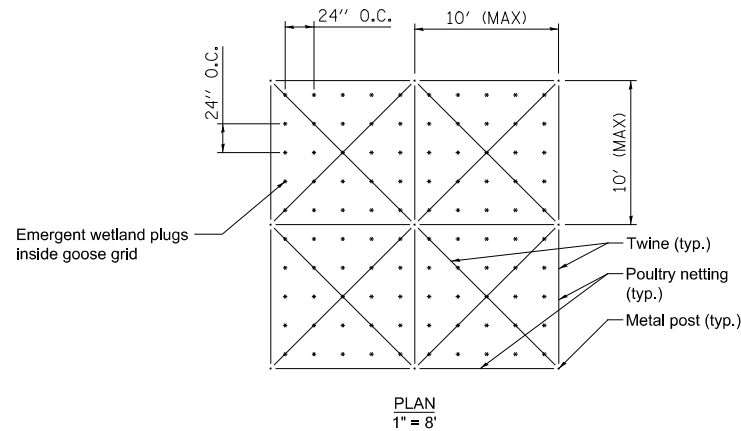
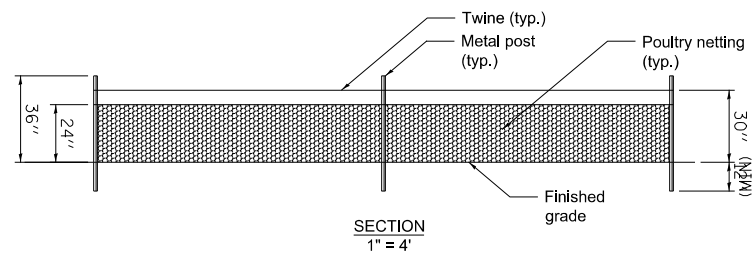


SEE TYPICAL SECTIONS FOR TOPSOIL EXCAVATION AND PLACEMENT
SEE LANDSCAPE PLANS FOR SEEDING INFO

SEE TYPICAL SECTIONS FOR TOPSOIL EXCAVATION AND PLACEMENT
SEE LANDSCAPE PLANS FOR SEEDING INFO

BIOSWALE DETAIL

SCALE=N.T.S.

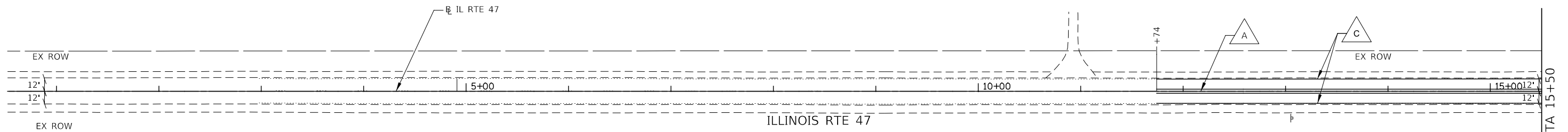


Goose Grid with Wetland & Sedge Meadow Plug
Scale: N.T.S.

FILE NAME = D:\62A80-shr-details.dwg

| | | |
|-----------------------|----------------------|-----------|
| USER NAME = cliss | DESIGNED - DGB | REVISED - |
| PLOT SCALE = 1:40 | DRAWN - DGB | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 97 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

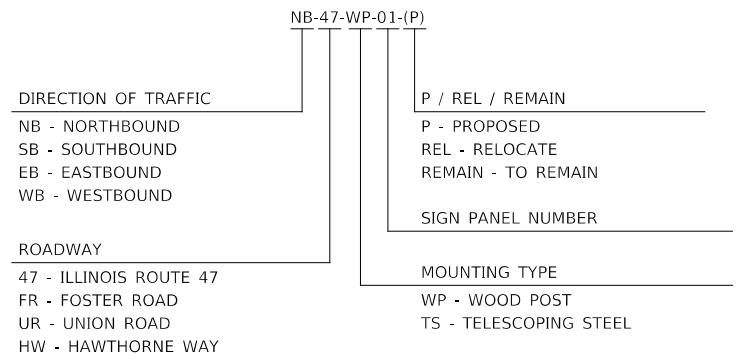


| SIGNING SCHEDULE | | | | | | | | |
|------------------|---------|-------|-----------------|------------|---------------------------|-------------|-------------------|-------------------|
| ALIGNMENT | STATION | LT/RT | PANEL ID | MUTCD CODE | PROPOSED PANEL DIMENSIONS | | SIGN PANEL TYPE 1 | WOOD SIGN SUPPORT |
| | | | | | WIDTH (IN) | HEIGHT (IN) | (SQ FT) | PAY LENGTH (LF) |
| IL 47 | 19+97 | RT | NB-47-WP-01-(P) | W1-4R-36 | 36 | 36 | 9.0 | 16.3 |
| IL 47 | 22+85 | RT | NB-47-WP-02-(P) | R2-1 | 30 | 36 | 7.5 | 15.0 |
| IL 47 | 25+32 | LT | SB-47-WP-01-(P) | W2-1 | 36 | 36 | 9.0 | 17.5 |
| IL 47 | 25+32 | LT | SB-47-WP-02-(P) | W16-8aP | 48 | 15 | 5.0 | |
| IL 47 | 30+77 | LT | SB-47-WP-03-(P) | W1-4R-36 | 36 | 36 | 9.0 | 16.3 |
| IL 47 | 31+45 | RT | NB-47-WP-03-(P) | I-3 | 36 | 18 | 4.5 | 13.5 |
| IL 47 | 32+77 | LT | SB-47-WP-04-(P) | I-3 | 36 | 18 | 4.5 | 13.5 |
| IL 47 | 33+53 | RT | NB-47-WP-04-(P) | W1-4L-36 | 36 | 36 | 9.0 | 16.3 |
| IL 47 | 38+87 | RT | NB-47-WP-05-(P) | W2-2L | 36 | 36 | 9.0 | 17.0 |
| IL 47 | 38+87 | RT | NB-47-WP-06-(P) | W16-8P | 42 | 9 | 2.6 | |
| IL 47 | 40+66 | LT | SB-47-WP-05-(P) | R2-1 | 30 | 36 | 7.5 | 15.0 |
| IL 47 | 42+41 | LT | SB-47-WP-06-(P) | W1-4L-36 | 36 | 36 | 9.0 | 16.3 |
| | | | | | | TOTAL | 86 | 157 |

NOTES

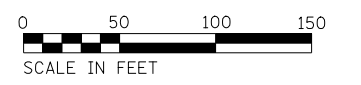
1. DELINEATOR SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 635001-02.
2. RASIED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-11.
3. RUMBLE STRIP SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 635001-02

SIGNING LEGEND



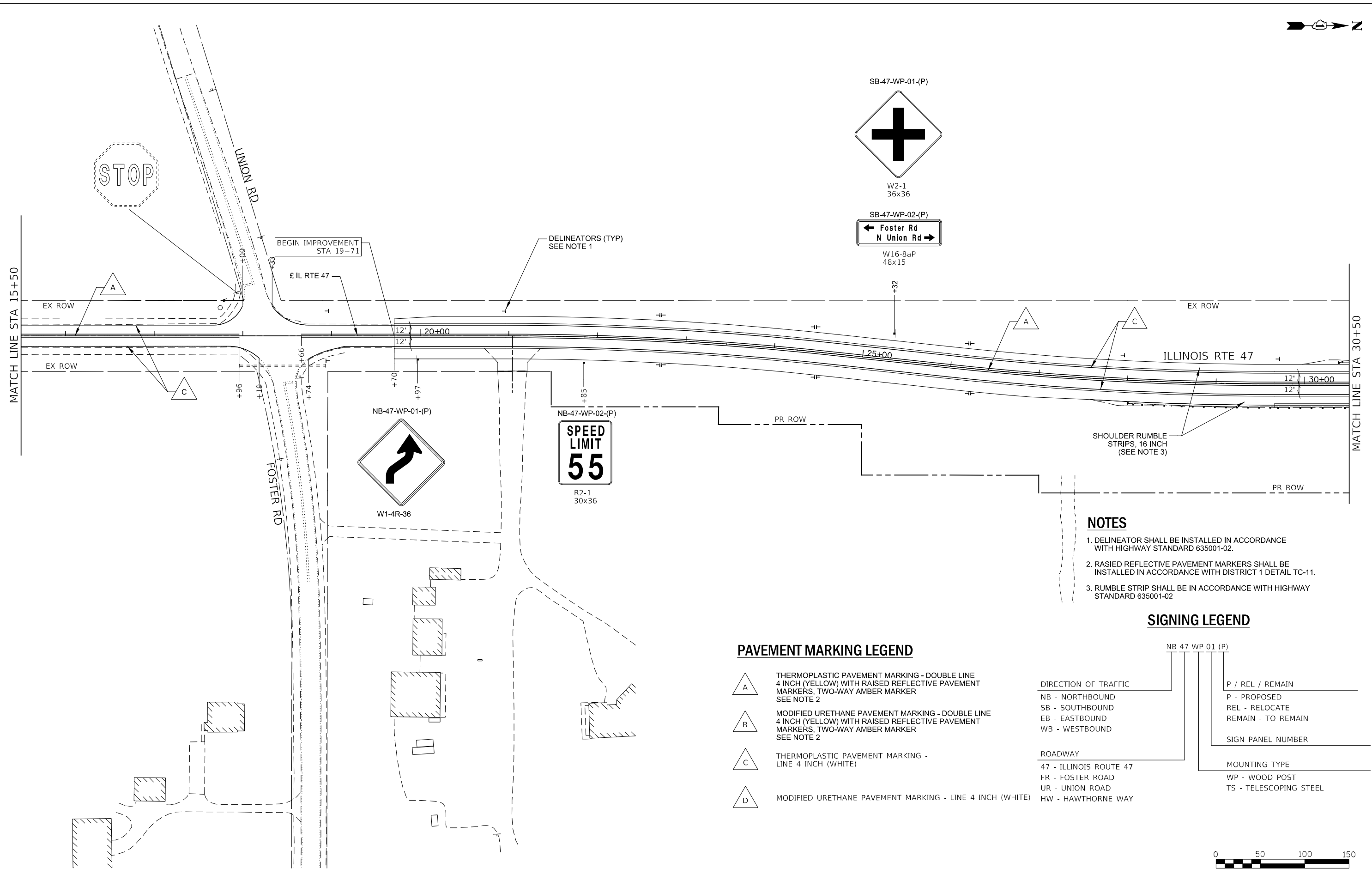
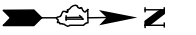
PAVEMENT MARKING LEGEND

- THERMOPLASTIC PAVEMENT MARKING - DOUBLE LINE 4 INCH (YELLOW) WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER MARKER SEE NOTE 2
- MODIFIED URETHANE PAVEMENT MARKING - DOUBLE LINE 4 INCH (YELLOW) WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER MARKER SEE NOTE 2
- THERMOPLASTIC PAVEMENT MARKING - LINE 4 INCH (WHITE)
- MODIFIED URETHANE PAVEMENT MARKING - LINE 4 INCH (WHITE)



FILE NAME : D:\22A80-shr-pmk01.dgn

| | | | | | | | | | | | | | |
|--|-----------------------|----------------------|-----------|---|---|---|---------------------|--------------------------|--------------------|--------------|--|--|--|
| | USER NAME = c11ss | DESIGNED - CEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING AND SIGNING PLANS ILLINOIS ROUTE 47 | F.A.P. RTE. 326 | SECTION (105XB)B-R | COUNTY MCHENRY | TOTAL SHEETS 223 | SHEET NO. 98 | | | |
| | PLOT SCALE = 1:100 | CHECKED - JCM | REVISED - | | | SCALE: 1" = 50' | SHEET 1 OF 4 SHEETS | STA. 00+50 TO STA. 15+50 | CONTRACT NO. 62A80 | | | | |
| | PLOT DATE = 7/26/2020 | DATE - JULY 27, 2020 | REVISED - | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | | | | | | | | | | |



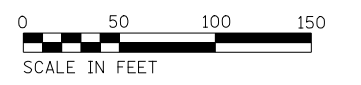
- NOTES**
1. DELINEATOR SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 635001-02.
 2. RASIED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-11.
 3. RUMBLE STRIP SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 635001-02

SIGNING LEGEND

| | |
|-----------------|------------------------|
| NB-47-WP-01-(P) | P / REL / REMAIN |
| | P - PROPOSED |
| | REL - RELOCATE |
| | REMAIN - TO REMAIN |
| | SIGN PANEL NUMBER |
| | MOUNTING TYPE |
| | WP - WOOD POST |
| | TS - TELESCOPING STEEL |

- PAVEMENT MARKING LEGEND**
- THERMOPLASTIC PAVEMENT MARKING - DOUBLE LINE 4 INCH (YELLOW) WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER MARKER SEE NOTE 2
 - MODIFIED URETHANE PAVEMENT MARKING - DOUBLE LINE 4 INCH (YELLOW) WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER MARKER SEE NOTE 2
 - THERMOPLASTIC PAVEMENT MARKING - LINE 4 INCH (WHITE)
 - MODIFIED URETHANE PAVEMENT MARKING - LINE 4 INCH (WHITE)

- DIRECTION OF TRAFFIC**
- NB - NORTHBOUND
 - SB - SOUTHBOUND
 - EB - EASTBOUND
 - WB - WESTBOUND
- ROADWAY**
- 47 - ILLINOIS ROUTE 47
 - FR - FOSTER ROAD
 - UR - UNION ROAD
 - HW - HAWTHORNE WAY



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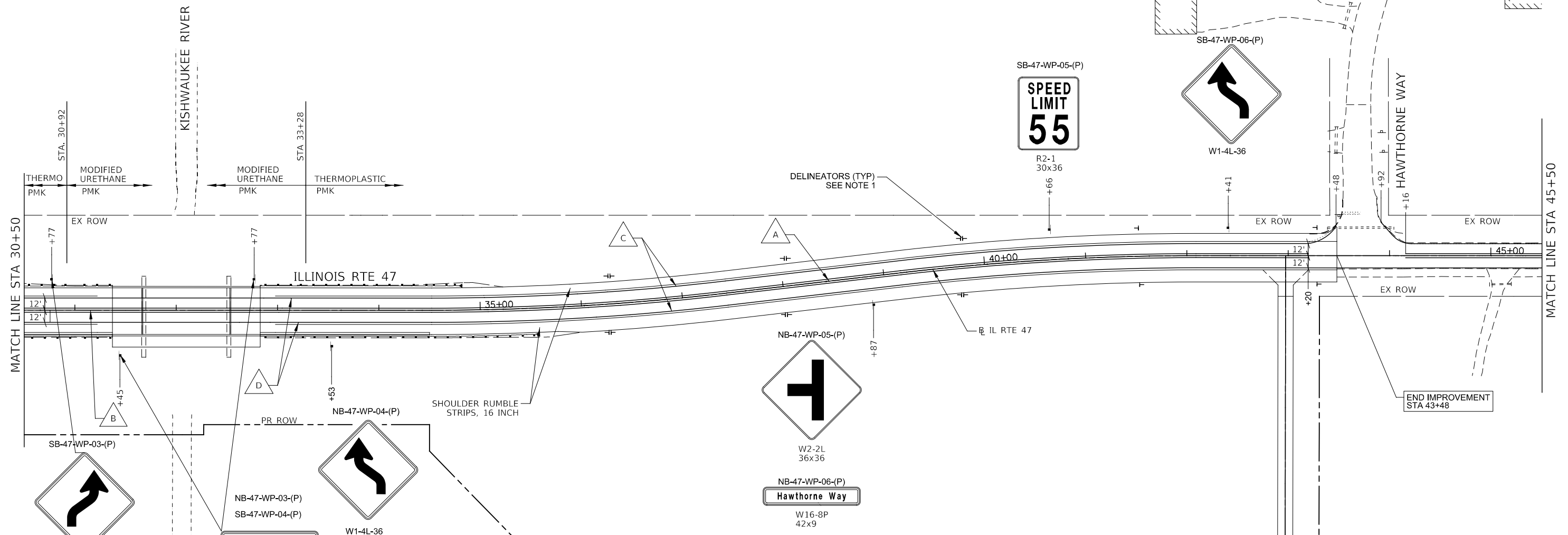
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|---|-----------------------|----------------------|-----------|
| KNIGHT Engineers & Architects | USER NAME = c1iss | DESIGNED - CEL | REVISED - |
| | PLOT SCALE = 1:1100 | DRAWN - CEL | REVISED - |
| | PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 15+50 TO STA. 30+50

| | | | | |
|---|------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | (105XB)B-R | MCHENRY | 223 | 99 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



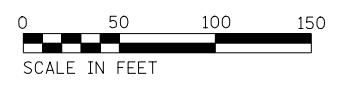
- NOTES**
1. DELINEATOR SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 635001-02.
 2. RASIED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-11.
 3. RUMBLE STRIP SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 635001-02

SIGNING LEGEND

| | | |
|------------------------|----------------------|------------------------|
| NB-47-WP-01-(P) | DIRECTION OF TRAFFIC | P / REL / REMAIN |
| NB - NORTHBOUND | | P - PROPOSED |
| SB - SOUTHBOUND | | REL - RELOCATE |
| EB - EASTBOUND | | REMAIN - TO REMAIN |
| WB - WESTBOUND | | SIGN PANEL NUMBER |
| ROADWAY | | MOUNTING TYPE |
| 47 - ILLINOIS ROUTE 47 | | WP - WOOD POST |
| FR - FOSTER ROAD | | TS - TELESCOPING STEEL |
| UR - UNION ROAD | | |
| HW - HAWTHORNE WAY | | |

PAVEMENT MARKING LEGEND

- A** THERMOPLASTIC PAVEMENT MARKING - DOUBLE LINE 4 INCH (YELLOW) WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER MARKER SEE NOTE 2
- B** MODIFIED URETHANE PAVEMENT MARKING - DOUBLE LINE 4 INCH (YELLOW) WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER MARKER SEE NOTE 2
- C** THERMOPLASTIC PAVEMENT MARKING - LINE 4 INCH (WHITE)
- D** MODIFIED URETHANE PAVEMENT MARKING - LINE 4 INCH (WHITE)



FILE NAME : D:\62A80-shr-pmk\03.dgn



| | | |
|-----------------------|----------------------|-----------|
| USER NAME = c11ss | DESIGNED - CEL | REVISED - |
| PLOT SCALE = 1:100 | DRAWN - CEL | REVISED - |
| PLOT DATE = 7/26/2020 | CHECKED - JCM | REVISED - |
| | DATE - JULY 27, 2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
ILLINOIS ROUTE 47**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 30+50 TO STA. 45+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|---------|--------------|-----------|
| 326 | (105XB)B-R | MCHENRY | 223 | 100 |
| CONTRACT NO. 62A80 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |