

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	1
		ILLINOIS	CONTRACT NO. 60N11	

D-91-237-11

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION:

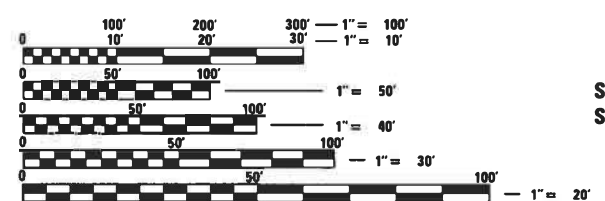
- IL ROUTE 83: 24,000 ADT (25) URBAN ARTERIAL 3.56 (FD-20)
 - IL ROUTE 137: 19,800 ADT (25) RURAL ARTERIAL 3.56 (FD-20)
 - IVANHOE ROAD: 2,000 ADT (25) LOCAL ROAD 3.16 (FD-20)
 - ATKINSON ROAD: 12,700 ADT (25) COLLECTOR 3.83 (FD-20)
- PROJECT LOCATED IN: VILLAGE OF GRAYSLAKE

IL ROUTE 83
DESIGN SPEED = 45 MPH
POSTED SPEED = 40 MPH BETWEEN IL ROUTE 137 / ATKINSON TO IL ROUTE 120
40 MPH NORTH OF STA 290+00
45 MPH SOUTH OF STA 290+00

IL ROUTE 137 (SE OF IL ROUTE 83 / ATKINSON RD)
DESIGN SPEED = 60 MPH
POSTED SPEED = 55 MPH

IVANHOE ROAD
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH

ATKINSON ROAD
DESIGN SPEED = 45 MPH (40 MPH NORTH OF STA 452+00)
POSTED SPEED = 40 MPH (35 MPH NORTH OF STA 452+00)



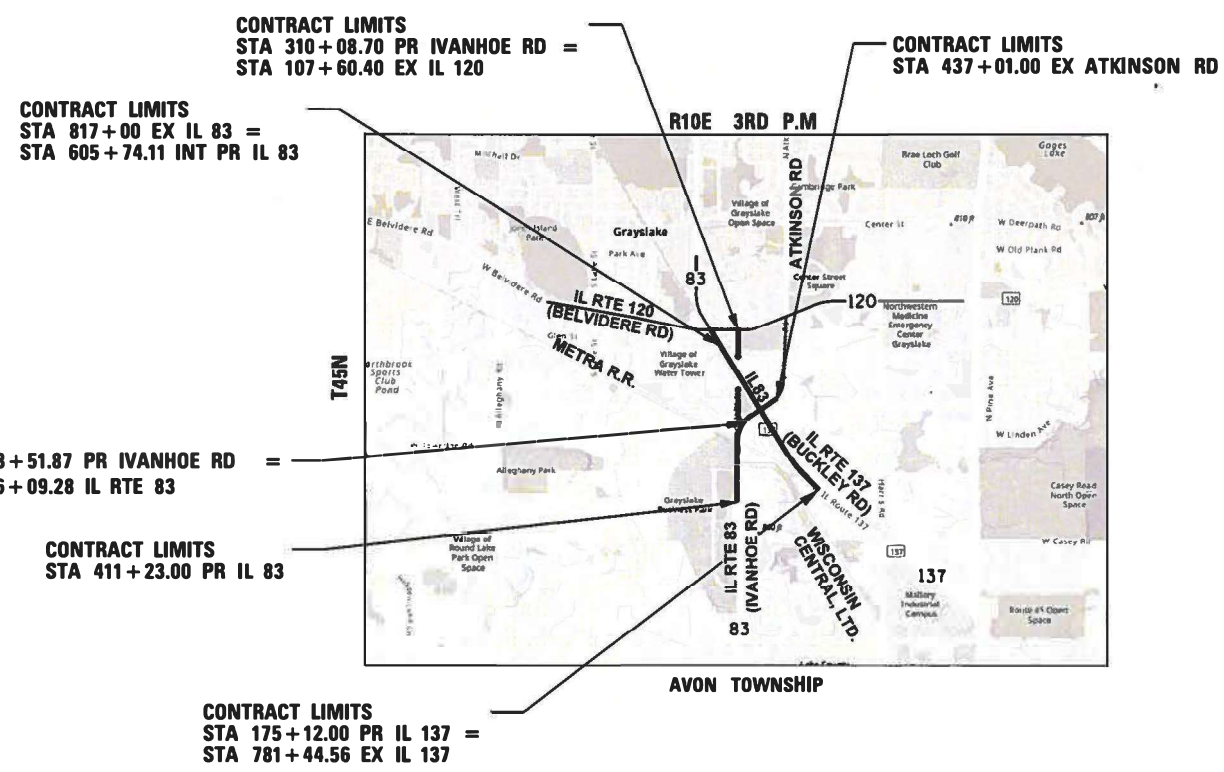
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CRAIG BAUER (847) 705-4265
PROJECT MANAGER: LONG TRAN (847) 705-4232

CONTRACT NO. 60N11

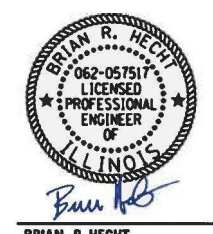
FAP 866: IL 83
LIMIT: IL 120 TO IL 137 & AT ATKINSON RD
SECTION: 3Y-R
PROJECT: NHPP-STP-4532(474) ROADWAY & INTERSECTION RECONSTRUCTION AND NEW TRAFFIC SIGNAL
LAKE COUNTY
C-91-237-11



GROSS LENGTH = 9,806.91 FT. = 1.857 MILES
NET LENGTH = 9,806.91 FT. = 1.857 MILES

exp U.S. Services Inc.
Chicago, IL
BUILDINGS-EARTH & ENVIRONMENT-ENERGY
INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

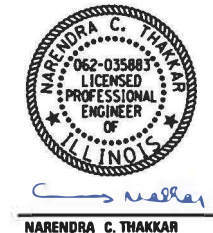
GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-590



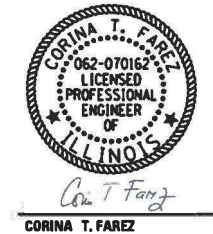
BRIAN R. HECHT
exp U.S. SERVICES, INC.
EXPIRES: 11/30/2023
DATE: 01/26/2023
SHEETS: 1-122, 178-183, 219-231, 283-385



BRIAN OLSON
exp U.S. SERVICES, INC.
EXPIRES: 11/30/2023
DATE: 01/26/2023
SHEETS: 123-177, 242-247



NARENDRA C. THAKKAR
GANHDI & ASSOCIATES
EXPIRES: 11/30/2023
DATE: 01/26/2023
SHEETS: 232-242, 248-282



CORINA T. FAREZ
WANG ENGINEERING
EXPIRES: 11/30/2023
DATE: 01/26/2023
SHEETS: 194-203



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED January 27, 2023
Joseph L. Carr
REGIONAL ENGINEER

March 24, 2023
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 2023
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

HIGHWAY STANDARDS

STD. NO.	TITLE
000001 -08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001 -07	TEMPORARY EROSION CONTROL SYSTEMS
406201 -01	MAILBOX TURNOUT
424001 -11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026 -03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
482001 -02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011 -03	HMA SHLD. STRIPS / SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542001 -06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 84" (2100 mm) DIAMETER
542011 -02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" (375 mm) THRU 72" (1800 mm) EQUIVALENT DIAMETER
542301 -03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311 -07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
601001 -05	PIPE UNDERDRAINS
601101 -02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602001 -02	CATCH BASIN TYPE A
602016 -02	CATCH BASIN TYPE D
602306 -03	INLET TYPE B
602401 -07	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602406 -11	PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER
602411 -09	PRECAST MANHOLE TYPE A 7' (2.13 m) DIAMETER
602506 -03	PRECAST VALVE VAULT TYPE A 5' (1.52 m) DIAMETER
602601 -06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701 -02	MANHOLE STEPS
604001 -05	FRAME AND LIDS TYPE 1
604006 -05	FRAME AND GRATE TYPE 3
604036 -03	GRATE TYPE 8
604091 -05	FRAME AND GRATE TYPE 24
606001 -08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006 -04	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
606301 -04	PC CONCRETE ISLANDS AND MEDIANS
610001 -09	SHOULDER INLET WITH CURB
635001 -02	DELINEATORS
666001 -01	RIGHT OF WAY MARKERS
701001 -02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006 -05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011 -04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101 -05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701201 -05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301 -04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306 -04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311 -03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701326 -04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701331 -05	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS >= 45 MPH
701336 -07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45MPH
701427 -05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501 -06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502 -09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601 -09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606 -10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701 -10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801 -06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
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 & DELINEATORS
728001 -01	TELESCOPING STEEL SIGN SUPPORT
729001 -01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001 -01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001 -05	TYPICAL PAVEMENT MARKINGS
781001 -04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001 -01	CURB REFLECTORS
782006 -01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001 -01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001 -03	HANDHOLES
814006 -03	DOUBLE HANDHOLES
862001 -01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001 -02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001 -08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877006 -06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011 -10	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'

DISTRICT ONE DETAILS

DETAIL NO.	DESCRIPTION
BD01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER GREATER THAN OR EQUAL TO 15' (4.5 m)
BD07	STORM SEWER CONNECTION TO EXISTING SEWER
BD32	BUTT JOINTS AND HMA TAPER
BD51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BD56	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RR GRADE CROSSING
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC22	ARTERIAL ROAD INFORMATION SIGN
TC23	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS (2 SHEETS)
TC26	DRIVEWAY ENTRANCE SIGNING
TS02	MAST ARM MOUNTED STREET NAME SIGNS
TS05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (7 SHEETS)

INDEX OF SHEETS

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305 - 309	CROSS SECTIONS - EX IL 137 STAGE I AND II
310 - 312	CROSS SECTIONS - EX IL 137 STAGE III
313 - 329	CROSS SECTIONS - PR IL 137 / IL 83 STAGE I
330 - 346	CROSS SECTIONS - PR IL 137 / IL 83 STAGE II AND III
347 - 350	CROSS SECTIONS - PR INTERIM IL 83 STAGE I
351 - 355	CROSS SECTIONS - PR INTERIM IL 83 STAGE II
356 - 368	CROSS SECTIONS - PR IL 83
369 - 371	CROSS SECTIONS - PR ATKINSON ROAD
372 - 385	CROSS SECTIONS - PR IVANHOE ROAD

COMMITMENTS

1. NONE.

-NO:60N11-BORDER10.DGN 1-24-2023, 15:05:38 C:\P\WORK\EXP\0MS32717\DI60N11-SHT-GENNOT10.DGN GARCIAZ

FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	INDEX OF SHEETS, HIGHWAY STANDARDS AND COMMITMENTS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILES#		DRAWN - JB	REVISED -		866	3Y-R	LAKE	385	2			
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 2.0000' / in.	CHECKED - BRH	REVISED -		CONTRACT NO. 60N11							
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48 - HOUR NOTICE (EXCLUSIVE OF SATURDAYS, SUNDAYS AND HOLIDAYS) BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

MEMBERS OF J.U.L.I.E. (800-892-0123, OR 811) ARE INDICATED BY AN •. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- MCI
- TDS METROCOM
- AT&T
•- COMCAST
- WESTSHORE PIPELINE
•- NORTH SHORE GAS
•- COMMONWEALTH EDISON
2. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE SPECIAL PROVISIONS FOR POTENTIAL UTILITY CONFLICTS.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. TYPE I, TYPE II AND TYPE III BARRICADES SHALL BE WEIGHTED IN A MANNER APPROVED BY THE MANUFACTURER SO THEY ARE NOT MOVED BY TRAFFIC.
5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF GRAYSLAKE, LOCAL AGENCIES AND THE RAILROADS.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
7. ABBREVIATIONS: TE = TEMPORARY EASEMENT, PE = PERMANENT EASEMENT, WCL = WISCONSIN CENTRAL, LTD., PRE = PRIVATE ENTRANCE, CE = COMMERCIAL ENTRANCE, FE = FIELD ENTRANCE
8. TWELVE (12) INCHES OF TOPSOIL REMOVAL HAS BEEN SHOWN ON THE CROSS SECTIONS AND HAS BEEN INCLUDED IN TOPSOIL EXCAVATION AND PLACEMENT.

THE LOCATIONS FOR TEMPORARY SURPLUS TOPSOIL EXCAVATION STOCKPILES SHALL BE APPROVED BY THE ENGINEER.
9. ALL AGGREGATE SHOULDERS SHALL BE CONSTRUCTED AT 4% CROSS SLOPE UNLESS OTHERWISE NOTED.
10. RADII OF CURB AND GUTTER ARE SHOWN AT THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
11. THE CONTRACTOR SHALL VERIFY THE EXISTING ELEVATIONS SHOWN ON THE PLANS WHERE THE PROPOSED PROFILE MEETS THE EXISTING PAVEMENT. THE ENGINEER SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN THE EXISTING AND PROPOSED PAVEMENT ELEVATIONS, IN ADVANCE OF FINAL GRADING OPERATIONS, TO ALLOW APPROPRIATE ADJUSTMENTS TO BE MADE TO THE PROFILE. THE ELEVATIONS SHOWN ON THE PLANS ARE DERIVED FROM DIGITAL TERRAIN MODELING AND MAY REQUIRE ADJUSTMENT TO ENSURE A SMOOTH TRANSITION WHERE THE PROFILE MEETS THE EXISTING PAVEMENT.

12. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

SUPPLEMENTAL WATERING	3	GAL/ SQ YD/ APPLICATION
TEMPORARY DITCH CHECKS	10	FEET/ EACH

13. ALL SIDEWALKS AND DRIVEWAYS WITHIN THE ACCESSIBLE ROUTE (PEDESTRIAN ZONE) HAVE BEEN DESIGNED AT A 1.5% CROSS SLOPE AND SHALL NOT EXCEED 2.0% CROSS SLOPE.
14. THE CONTRACTOR SHALL CONTACT THE DISTRICT ON TRAFFIC CONTROL SUPERVISOR, KALPANA KANNAH-HOSADURGA, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

15. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL ENTRANCES FOR PROPERTY ABUTTING THE HIGHWAY OR STREET BEING IMPROVED AT ALL TIMES DURING CONSTRUCTION. WHEN A PROPERTY HAS ONLY A SINGLE ENTRANCE, THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED ENTRANCE ONE HALF AT A TIME IN ORDER TO MAINTAIN ACCESS. WHEN A PROPERTY HAS MULTIPLE ENTRANCES, ONE OF THE ENTRANCES SHALL REMAIN OPEN AT ALL TIMES.
16. ALL FIELD TILES ENCOUNTERED DURING CONSTRUCTION OR DURING EXPLORATION TRENCHING SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER AND PER SECTIONS 213 AND 611 OF THE STANDARD SPECIFICATIONS. PAYMENT FOR THIS PRESERVATION/CONNECTION WORK SHALL BE PER ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
17. THE CONTRACT PLANS SHOW THE GENERAL LOCATION OF THE PROPOSED RIGHT-OF-WAY AND TEMPORARY EASEMENTS. THE FINAL LOCATIONS OF PROPOSED RIGHT-OF-WAY AND TEMPORARY EASEMENTS ARE SHOWN ON THE SIGNED AND SEALED PLATS OF HIGHWAYS.
18. IF THERE IS A DISCREPANCY BETWEEN THE RIGHT OF WAY SHOWN ON THE PLANS AND THE PLAT OF HIGHWAYS, THE PLAT OF HIGHWAYS SHALL TAKE PRECEDENCE.
19. AT LOCATIONS WHERE BARRIER CURB AND GUTTER TERMINATES, A 10' TRANSITION SHALL BE UTILIZED. TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
20. THE ENGINEER SHALL CONTACT FADI SULTAN (AREA TRAFFIC FIELD ENGINEER) AT FADI.SULTAN@ILLINOIS.GOV AT LEAST TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
21. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR 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 ABOVE ITEM 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 STANDARD SPECIFICATIONS (SSRBC) AND THE GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
22. A QUANTITY OF ----- CU YD OF FURNISHED EXCAVATION HAS BEEN INCLUDED IN THE CONTRACT TO BALANCE THE LOSS OF THE NON-SPECIAL WASTE DISPOSAL QUANTITY. IF TESTING DETERMINES THAT SOME OF THE NON-SPECIAL WASTE MATERIAL CAN BE USED ON SITE AS EMBANKMENT, THE EXCESS FURNISHED EXCAVATION SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER PRIOR TO PLACING FURNISHED EXCAVATION.
23. THE CONTRACTOR SHALL VERIFY EXISTING TOP OF RAIL ELEVATIONS AT 50' INTERVALS FOR A DISTANCE OF 500' ON BOTH SIDES OF THE RAILROAD APPROACH TO THE TWO PROPOSED ROADWAY CROSSINGS. THE EXISTING ELEVATIONS SHALL BE PROVIDED TO THE ENGINEER AND THE RAILROADS IN ORDER TO COORDINATE APPROPRIATE ADJUSTMENTS TO BE MADE TO THE PROPOSED ROADWAY PROFILES. THIS WORK 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.
24. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, 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 SHALL 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.G.1 AND 2 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.
25. 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.
26. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

27. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED AT 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. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
28. THE CONTRACTOR SHALL REACH OUT TO BILL O'MALLEY AT (847) 878-3428 AT WEST SHORE PIPELINE WHEN DOING WORK ADJACENT/OVER THE EXISTING WEST SHORE PIPELINE THAT CROSSES UNDER IL 137 NEAR STA. 178+13.
29. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
30. SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
31. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
32. FRAMES AND GRATES ADJUSTMENTS OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
33. STORM SEWER CONSTRUCTED UNDER THE ROADWAY SHALL BE BACKFILLED ACCORDING TO METHOD 1 OF ARTICLE 550.07 OF THE STANDARD SPECIFICATION.
34. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
35. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL DELIVER THE RECORD TO THE ENGINEER.
36. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
37. A LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT FOR FULL-DEPTH HMA PAVEMENTS, EXCEPT MAINTENANCE PARKING LOT AREA (VULCAN PROPERTY).

\N\60N11-RPDRER\01.DGN --\N\60N11-SHT-GENNOTE\01.DGN
 3-02-2023, 13:18:25 GARCIAAZ C:\P\M\WORK\EXP\MS32717\DI60N11-SHT-GENNOTE\01.DGN

FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILES#		DRAWN - JB	REVISED -			866	3Y-R	LAKE	385	3	
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 2.0000' / in.	CHECKED - BRH	REVISED -			CONTRACT NO. 60N11					
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE = 01/30/23	REVISED -			SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO
ILLINOIS FED. AID PROJECT											

DRAINAGE NOTES

1. THE LOCATION OF THE STATION AND OFFSET OF PROPOSED DRAINAGE STRUCTURES ARE AS SHOWN ON SHEET 170.
2. 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.
3. FOR PROPOSED STORM SEWER OR PIPE CULVERT CONNECTIONS TO EXISTING PIPES, OR STRUCTURES, THE CONNECTION AND REMOVAL OF CONCRETE TO MAKE NECESSARY HOLES IN THE EXISTING PIPES, OR EXISTING STRUCTURES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWERS OR PIPE CULVERTS OF THE DIAMETER, TYPE, AND CLASS SPECIFIED, AND OF THE PARTICULAR KIND OF MATERIAL WHEN SPECIFIED.
4. ANY SEWER OR STRUCTURE REMOVAL WHICH REQUIRES ABANDONMENT OF A PORTION OF EXISTING SEWER, OR RESULTS IN A HOLE IN AN EXISTING STRUCTURE, WILL REQUIRE THE REMAINING SEWER OR STRUCTURE TO BE SECURELY SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR PER ARTICLE 605.04 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE REMOVAL ITEM.
5. STORM SEWER WATER MAIN REQUIREMENTS IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT (3.0 M) AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT (0.45 M) ABOVE THE STORM SEWER CROWN.
6. STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION.
7. BEFORE FINAL ACCEPTANCE OF THE PROJECT, ALL PROPOSED STORM SEWER LINES AND STRUCTURES SHALL BE CLEANED AS DIRECTED BY THE ENGINEER. THE COST FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES FOR THE VARIOUS STORM SEWER.
8. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY DRAINAGE AND TEMPORARY EROSION CONTROL THROUGHOUT STAGED CONSTRUCTION FOR THE DURATION OF THE CONTRACT. SEE EROSION CONTROL AND SEDIMENT CONTROL PLANS FOR STAGED CONSTRUCTION OF PROPOSED DRAINAGE AND TEMPORARY DRAINAGE.
9. FLARED END SECTIONS WILL BE INCLUDED IN THE LENGTH OF MEASUREMENT FOR PIPE CULVERT REMOVAL. THE REMOVAL OF GRATING FOR FLARED END SECTIONS WILL NOT BE MEASURED FOR PAYMENT, BUT THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE CULVERT REMOVAL.
10. ALL BACKFILL MATERIAL FOR TRENCHES MADE IN THE SUBGRADE OF THE PROPOSED IMPROVEMENT, AND TRENCHES WHERE THE INNER EDGE OF THE TRENCH IS WITHIN 2 FT OF THE PROPOSED EDGE OF PAVEMENT, CURB, GUTTER, CURBED GUTTER, STABILIZED SHOULDER OR SIDEWALK SHALL BE DEPOSITED AND COMPACTED AS SPECIFIED IN METHOD 1 OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS.
11. AS SHOWN ON THE PLANS, SOME OF THE PROPOSED DRAINAGE STRUCTURES WILL BE STAGE CONSTRUCTED VERTICALLY TO FACILITATE CONSTRUCTION OPERATIONS. IF THE TOP SLAB OF THE STRUCTURE MUST BE PLACED AT AN INTERIM ELEVATION, THE TOP SLAB WILL THEN BE REMOVED AND THE REMAINING PORTION OF THE STRUCTURE ADDED AND THE TOP SLAB RE-INSTALLED IN A LATER STAGE. THE COST OF THE STAGE CONSTRUCTING PROPOSED DRAINAGE STRUCTURES VERTICALLY WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE DRAINAGE STRUCTURE OF THE TYPE AND SIZE SPECIFIED ON THE PLANS.

LANDSCAPING NOTES

1. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
2. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGED DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
3. WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE SHALL BE USED AROUND ALL NEWLY INSTALLED PLANT MATERIAL (TREES).
4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4 (MODIFIED) AND CLASS 4B (MODIFIED) SHALL BE FROM NOVEMBER 1 TO MAY 31. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
5. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
6. THE ENGINEER WILL CONTACT MELISSA DEL ROSARIO OF THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4391 OR MELISSA.DELROSARIO@ILLINOIS.GOV, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT OF THE SEEDING AND TREES.
7. ALL TREES ARE TO HAVE A 5' DIAMETER MULCH RING.
8. VILLAGE WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREA. THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.
9. INTERSEEDING, CLASS 2A IS TO BE USED TO RENOVATE AREAS WHERE EXISTING TURF IS IN POOR CONDITION. EXACT LOCATIONS WILL BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.
10. UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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FILE NAME =	USER NAME = garciaaz	DESIGNED - KS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	DRAINAGE AND LANDSCAPING NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILES#		DRAWN - KS	REVISED -		866	3Y-R	LAKE	385	4			
exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = 2.0000' / in.	CHECKED - BRO	REVISED -		CONTRACT NO. 60N11							
	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -		SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS 0021 80% FED 20% STATE	IL 83/ IL 137 / ATKINSON RD 0021 80% FED 15% STATE 5% GRAYSLAKE	ORNAMENTAL SIGNALS POLE 0021		EVP 0021 100% GRAYSLAKE		
							100% GRAYSLAKE	80% FED 20% STATE			
20101000	TEMPORARY FENCE	FOOT	2,302	2,302							
∅ 20200100	EARTH EXCAVATION	CU YD	51,760	51,760							
∅ 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,331	2,331							
20300100	CHANNEL EXCAVATION	CU YD	1,630	1,630							
20400800	FURNISHED EXCAVATION	CU YD	2,380	2,380							
20800150	TRENCH BACKFILL	CU YD	2,938	2,460							478
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	10,726	10,726							
∅ 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	19,617	19,617							
21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	250	250							
21400100	GRADING AND SHAPING DITCHES	FOOT	65	65							
• 25000210	SEEDING, CLASS 2A	ACRE	6.50	6.50							
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	585	585							
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	585	585							
• 25000750	MOWING	ACRE	6.50	6.50							

• DENOTES SPECIALTY ITEMS

∅ STP-U (80% FED 20% STATE)

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FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	SUMMARY OF QUANTITIES 1	F.A.P. RTE. = 866	SECTION = 3Y-R	COUNTY = LAKE	TOTAL SHEETS = 385	SHEET NO. = 5	
FILES		DRAWN - JB	REVISED -			SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.					
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / 1in.	CHECKED - BRH	REVISED -			CONTRACT NO. 60N11					
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/30/2023	DATE - 01/30/23	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
• 25100115	MULCH, METHOD 2	ACRE	1.25	1.25							
• 25200200	SUPPLEMENTAL WATERING	UNIT	103	103							
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	187	187							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,887	1,887							
28000305	TEMPORARY DITCH CHECKS	FOOT	1,525	1,525							
28000315	AGGREGATE DITCH CHECKS	TON	30	30							
28000400	PERIMETER EROSION BARRIER	FOOT	15,551	15,551							
28000510	INLET FILTERS	EACH	78	78							
28001000	AGGREGATE (EROSION CONTROL)	TON	20	20							
• 28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	87,720	87,720							
• 28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	10,423	10,423							
28100107	STONE RIPRAP, CLASS A4	SQ YD	1,733	1,733							
28100109	STONE RIPRAP, CLASS A5	SQ YD	181	181							
28200200	FILTER FABRIC	SQ YD	1,914	1,914							

• DENOTES SPECIALTY ITEMS

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FILE NAME =	USER NAME = garciaz	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	SUMMARY OF QUANTITIES 2			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILES		DRAWN - JB	REVISED -					866	3Y-R	LAKE	385	6	
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / 1".	CHECKED - BRH	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60N11	
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	3,137	3,137							
∅ 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	62,061	62,061							
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	7,295	7,295							
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	453	453							
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	381	381							
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	17,436	17,436							
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	31,136	31,136							
40600370	LONGITUDINAL JOINT SEALANT	FOOT	40,701	40,701							
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	42	42							
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	7,749	7,749							
40701831	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/2"	SQ YD	5,828	5,828							
∅ 40701876	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"	SQ YD	37,075	37,075							
42001300	PROTECTIVE COAT	SQ YD	10,537	10,537							
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	166	166							

• DENOTES SPECIALTY ITEMS

∅ STP-U (80% FED 20% STATE)

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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/25/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 3

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	7
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,012							2,012	
42400800	DETECTABLE WARNINGS	SQ FT	96							96	
44000100	PAVEMENT REMOVAL	SQ YD	36,543	36,543							
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,244	2,244							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,451	2,451							
44000600	SIDEWALK REMOVAL	SQ FT	3,638	3,638							
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,134	1,134							
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	790	790							
48203036	HOT-MIX ASPHALT SHOULDERS, 9 3/4"	SQ YD	4,708	4,708							
50105220	PIPE CULVERT REMOVAL	FOOT	925	925							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	12	12							
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2							
54220012	PIPE CULVERTS, CLASS D, TYPE 2 12" (TEMPORARY)	FOOT	65	65							
54220015	PIPE CULVERTS, CLASS D, TYPE 2 15" (TEMPORARY)	FOOT	138	138							

• DENOTES SPECIALTY ITEMS

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FILE NAME =	USER NAME = garciaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 4

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N11	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
54220018	PIPE CULVERTS, CLASS D, TYPE 2 18" (TEMPORARY)	FOOT	214	214							
54220024	PIPE CULVERTS, CLASS D, TYPE 2 24" (TEMPORARY)	FOOT	79	79							
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	232	232							
54261315	CONCRETE END SECTION, STANDARD 542001, 15", 1:3	EACH	3	3							
54261318	CONCRETE END SECTION, STANDARD 542001, 18", 1:3	EACH	2	2							
54261324	CONCRETE END SECTION, STANDARD 542001, 24", 1:3	EACH	1	1							
54261415	CONCRETE END SECTION, STANDARD 542001, 15", 1:4	EACH	7	7							
54261424	CONCRETE END SECTION, STANDARD 542001, 24", 1:4	EACH	3	3							
54261615	CONCRETE END SECTION, STANDARD 542001, 15", 1:6	EACH	4	4							
54261618	CONCRETE END SECTION, STANDARD 542001, 18", 1:6	EACH	2	2							
54263336	CONCRETE END SECTION, STANDARD 542011, 36", 1:3	EACH	1	1							
54263342	CONCRETE END SECTION, STANDARD 542011, 42", 1:3	EACH	2	2							
54263418	CONCRETE END SECTION, STANDARD 542011, 18", 1:4	EACH	1	1							
54263442	CONCRETE END SECTION, STANDARD 542011, 42", 1:4	EACH	2	2							

• DENOTES SPECIALTY ITEMS

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FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 5

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	9
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	130	130							
542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	207	207							
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	41	41							
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	97	97							
542A8227	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FOOT	420	420							
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	20	20							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2,278	2,278							
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	450	450							
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	481	481							
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	222	222							
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	359	359							
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	10	10							
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	313	313							
550A4800	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 18"	FOOT	179	179							

• DENOTES SPECIALTY ITEMS

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FILE NAME =	USER NAME = garciaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 6

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	10
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS 0021	IL 83/ IL 137 / ATKINSON RD 0021	ORNAMENTAL SIGNALS POLE 0021		EVP 0021		
					80% FED 20% STATE	80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE		
550A4900	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FOOT	720	720							
55100400	STORM SEWER REMOVAL 10"	FOOT	205	205							
55100500	STORM SEWER REMOVAL 12"	FOOT	329	329							
55101400	STORM SEWER REMOVAL 30"	FOOT	655	655							
55101600	STORM SEWER REMOVAL 36"	FOOT	16	16							
• 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	1,703								1,703
• 56103400	DUCTILE IRON WATER MAIN 16"	FOOT	828								828
• 56105760	BUTTERFLY VALVES 16"	EACH	3								3
• 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	3								3
• 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	4								4
• 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	3								3
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	11	11							
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	1,185	1,185							
60200305	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	7	7							

• DENOTES SPECIALTY ITEMS

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FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 7

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N11	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	5	5							
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	21	21							
60204005	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2							
60206600	CATCH BASINS, TYPE B, TYPE 7 GRATE	EACH	1	1							
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	2	2							
60212814	CATCH BASINS, TYPE D, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3							
60218300	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2							
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11							
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	1	1							
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2							
60222240	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1							
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3							
60224039	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1							
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1							

• DENOTES SPECIALTY ITEMS

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FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 8

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	12
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	32	32							
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2	2							
• 60248900	VALVE VAULTS, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5								5
• 60249010	VALVE VAULTS, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3								3
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1							
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2							
60260100	INLETS TO BE ADJUSTED	EACH	1	1							
• 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4								4
• 60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1								1
• 60266600	VALVE BOXES TO BE ADJUSTED	EACH	1								1
60500040	REMOVING MANHOLES	EACH	5	5							
60500050	REMOVING CATCH BASINS	EACH	14	14							
60500060	REMOVING INLETS	EACH	2	2							
• 60500405	FILLING VALVE VAULTS	EACH	3								3

• DENOTES SPECIALTY ITEMS

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FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 9

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	13
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
6060095	CLASS SI CONCRETE (OUTLET)	CU YD	16	16							
6060605	CONCRETE CURB, TYPE B	FOOT	693	693							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	11,060	11,060							
60605300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	FOOT	1,575	1,575							
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	650	650							
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	68	68							
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	100	100							
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	4,079	4,079							
60801015	FLAP GATE 15"	EACH	1	1							
60801060	FLAP GATE 60"	EACH	3	3							
66400305	CHAIN LINK FENCE, 6'	FOOT	4,500	4,500							
66407800	CHAIN LINK GATES, 6' X 16' DOUBLE	EACH	3	3							
• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	8,660	8,660							
• 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7							

• DENOTES SPECIALTY ITEMS

FILE NAME = \\D:\60N11-LECE\01.DGN, USER NAME = garciaaz, DESIGNED - JB, REVISED - , DRAWN - JB, REVISED - , CHECKED - BRH, REVISED - , DATE - 01/30/23, REVISED - , PLOT SCALE = 100.0000' / in., PLOT DATE = 1/24/2023

FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 10

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	14
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1							
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1							
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10							
67100100	MOBILIZATION	L SUM	1	1							
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	314	314							
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	2,976	2,976							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,176	2,176							
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	22,779	22,779							
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	148	148							
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	21,673	21,673							
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	643	643							
70303160	TEMPORARY PAVEMENT MARKING - LINE 12"- MODIFIED URETHANE	FOOT	371	371							
70303210	TEMPORARY PAVEMENT MARKING - LINE 24"- MODIFIED URETHANE	FOOT	22	22							
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	805	805							

• DENOTES SPECIALTY ITEMS

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 GARCIAZ

FILE NAME =	USER NAME = gerciaaz	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 11

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	15
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN		TRAFFIC SIGNALS				SIDEWALK	WATER MAIN / SANITARY SEWER
			TOTAL QUANTITY	ROADWAY URBAN	INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE			
				0004 80% FED 20% STATE	0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	0021 100% GRAYSLAKE 80% FED 20% STATE		0021 100% GRAYSLAKE	0021 80% FED 20% STATE
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	50,810	50,810						
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2,591	2,591						
70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	634	634						
70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	2,324	2,324						
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	135	135						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,875	2,875						
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,470	1,470						
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,163	3,163						
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	4						
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3						
• 72000100	SIGN PANEL - TYPE 1	SQ FT	680	520		160				
• 72000200	SIGN PANEL - TYPE 2	SQ FT	75	10		65				
• 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	17	17						
• 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	7						

• DENOTES SPECIALTY ITEMS

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 EXP U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INFRASTRUCTURE-SUSTAINABILITY

FILE NAME =	USER NAME = GarciaZ	DESIGNED - JB	REVISED -
FILES		DRAWN - JB	REVISED -
EXP U.S. Services Inc. CHICAGO, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 12

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	16
		CONTRACT NO. 60N11		

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	107	107							
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	47	47							
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1							
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	84	84							
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	786	786							
72900100	METAL POST - TYPE A	FOOT	39	39							
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,334	1,334							
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	33,601	33,601							
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5,650	5,650							
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	532	532							
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,405	1,405							
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	698	698							
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	634	634							

• DENOTES SPECIALTY ITEMS

FILE NAME = \\D:\60N11-LEGEN01.DGN, \\D:\60N11-BORDER01.DGN, \\D:\60N11-S00101.DGN, \\D:\60N11-S00113.DGN
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SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
• 78200020	CURB REFLECTORS	EACH	190	190							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	309	309							
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	4,246	4,246							
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5,302	5,302							
• 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,055		2,291	764					
• 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	297			297					
• 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	989			989					
• 81400100	HANDHOLE	EACH	10		3	7					
• 81400200	HEAVY-DUTY HANDHOLE	EACH	4			4					
• 81400300	DOUBLE HANDHOLE	EACH	4			4					
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	8	8							
84200804	REMOVAL OF POLE FOUNDATION	EACH	15	15							
• 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		2						
• 85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	7				4.9	2.1			

• DENOTES SPECIALTY ITEMS

FILE NAME = \\N:\60N11-LECE\0101.DGN; USER NAME = garciaaz; DESIGNED - JB; REVISED - ; DRAWN - JB; REVISED - ; CHECKED - BRH; REVISED - ; DATE - 01/30/23; REVISED - ;

FILE NAME = \\N:\60N11-LECE\0101.DGN	USER NAME = garciaaz	DESIGNED - JB	REVISED -
FILES		DRAWN - JB	REVISED -
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / 1in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 14

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	18
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN	ROADWAY URBAN	TRAFFIC SIGNALS					SIDEWALK	WATER MAIN / SANITARY SEWER
						INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
						0021	0021	0021		0021		
				80% FED 20% STATE	80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE		
• 85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	1					0.7	0.3			
• 85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	EACH	3					2.1	0.9			
• 85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	1					0.7	0.3			
• 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1				1					
• 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2,580				2,580					
• 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,037				1,037					
• 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	7,919				7,919					
• 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	327				327					
• 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,116				5,116					
• 87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	359				359					
• 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	90				90					
• 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,301				1,301					
• 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	32				32					
• 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4				4					

• DENOTES SPECIALTY ITEMS

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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 15

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	19
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN	ROADWAY URBAN	TRAFFIC SIGNALS					SIDEWALK	WATER MAIN / SANITARY SEWER
						INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
						0021	0021	0021		0021		
				80% FED 20% STATE	80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE	80% FED 20% STATE	0043		
• 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	55						55			
• 87900200	DRILL EXISTING HANDHOLE	EACH	1					1				
• 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	18						18			
• 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	11						11			
• 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1						1			
• 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1						1			
• 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	19						19			
• 88500100	INDUCTIVE LOOP DETECTOR	EACH	16						16			
• 88600700	PREFORMED DETECTOR LOOP	FOOT	1,307						1,307			
• 88700200	LIGHT DETECTOR	EACH	4							4		
• 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1							1		
• 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1						1			
• 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1					1				
• 89502380	REMOVE EXISTING HANDHOLE	EACH	7					7				

• DENOTES SPECIALTY ITEMS

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 GARCIAZ

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
• A2000216	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9							
• A2001216	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4							
• A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10							
• A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4							
• A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8							
• A2002924	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	2	2							
• A2004416	TREE, GINKGO BILOBA (GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5							
• A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	16							
• A2005120	TREE, JUGLANS NIGRA (BLACK WALNUT), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
• A2005316	TREE, LIQUIDAMBAR STYRACIFLUA (AMERICAN SWEETGUM), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1							
• A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
• A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4							
• A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
• A2007170	TREE, QUERCUS WAREI REGAL PRINCE (REGAL PRINCE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5							

• DENOTES SPECIALTY ITEMS

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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 17

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	21
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
• A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6							
• A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	4	4							
• A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12							
• A2016616	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
• B2001464	TREE, CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	5	5							
• B2002416	TREE, MAGNOLIA SOULANGIANA (SAUCER MAGNOLIA), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	1	1							
• B2005385	TREE, METASEQUOIA GLYPTOSTROBOIDES (DAWN REDWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
• C2000636	SHRUB, ARONIA MELANOCARPA ELATA (GLOSSY BLACK CHOKEBERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	130	130							
• C2002060	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 5' HEIGHT, BALLED AND BURLAPPED	EACH	20	20							
• C2003360	SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 5' HEIGHT, BALLED AND BURLAPPED	EACH	15	15							
• C2011536	SHRUB, VIBURNUM X BURKWOOD MOHAWK (MOHAWK VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	79	79							
• C2012760	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 5' HEIGHT, BALLED AND BURLAPPED	EACH	5	5							
• D2001772	EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	3	3							
• D2001788	EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	3	3							

• DENOTES SPECIALTY ITEMS

FILE NAME = \\D:\60N11-LECE\018.DGN, USER = garciaaz, DESIGNED - JB, REVISED - , DRAWN - JB, REVISED - , CHECKED - BRH, REVISED - , DATE - 01/30/23, REVISED - , PLOT SCALE = 100.0000' / 1", PLOT DATE = 1/24/2023

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 18
 SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 22
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN	ROADWAY URBAN	TRAFFIC SIGNALS					SIDEWALK	WATER MAIN / SANITARY SEWER
						INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
						0021	0021	0021		0021		
					0004	0021	0021	0021	0021	0021	0021	0043
					80% FED 20% STATE	80% FED 20% STATE	80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE
• D2002372	EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	14		14							
• D2002388	EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	9		9							
• K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	29		29							
• K0029614	WEED CONTROL, AQUATIC	GALLON	1		1							
• K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	5		5							
• K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	5		5							
• X0320018	FINISHES	L SUM	1		1							
• X0320019	CASEWORK	L SUM	1		1							
• X0320039	TOILET ACCESSORIES	L SUM	1		1							
X0322938	TEMPORARY END SECTION	EACH	8		8							
X0323265	REMOVE EXISTING RIPRAP	SQ YD	43		43							
• X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	941						941			
• X0324582	PLUMBING EQUIPMENT, ACCESSORIES AND RELATED SYSTEMS	L SUM	1		1							
• X0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1		1							

• DENOTES SPECIALTY ITEMS

FILE NAME = \\D:\60N11-LECE\0101.DGN, USER NAME = GARCIAAZ, DESIGNED - JB, REVISED -
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 BUILDINGS-EARTH & ENVIRONMENT-ENERGY CHICAGO, IL DATE - 01/30/23, REVISED -
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY PLOT DATE = 1/30/2023

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 19

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	23
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
• X0327799	STEEL CASING PIPE, AUGERED AND JACKED, 36"	FOOT	236	114							122
• X0840000	SANITARY SEWER REMOVAL 8"	FOOT	318	318							
• X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	96			96					
• X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1			1					
• X1400169	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1			1					
• X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1			1					
• X1400216	LAYER II (DATALINK) SWITCH	EACH	1			1					
• X2010400	STUMP REMOVAL ONLY	UNIT	530	530							
• X2010402	STUMP REMOVAL, ACRES	ACRE	3.00	3.00							
• X2010505	CLEARING, SPECIAL	L SUM	1	1							
X2300024	SWING GATE REMOVAL	EACH	2	2							
• X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	13.50	13.50							
• X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.75	0.75							
• X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	100,430	100,430							

• DENOTES SPECIALTY ITEMS

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 Chicago, IL
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 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY
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FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - JB	REVISED -
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/30/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 20

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	24
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	8	8							
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	12	12							
X4023000	TEMPORARY ACCESS (ROAD)	EACH	3	3							
X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	1,866	1,866							
X4404000	PARKING LOT PAVEMENT REMOVAL	SQ YD	8,063	8,063							
X5427604	RELOCATE EXISTING FLARED END SECTION	EACH	10	10							
• X5509910	ABANDON AND FILL EXISTING SANITARY MANHOLE	EACH	3	3							
<input type="checkbox"/> X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	450	450							
• X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	1,483	324							1,159
• X5610012	CAP EXISTING WATER MAIN	EACH	1								1
• X5610662	WATER MAIN TO BE ABANDONED, 12"	FOOT	1,836								1,836
• X5610666	WATER MAIN TO BE ABANDONED, 16"	FOOT	800								800
• X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	1								1
• X5630716	CONNECTION TO EXISTING WATER MAIN 16"	EACH	6								6

• DENOTES SPECIALTY ITEMS

NON-PART 100% STATE

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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	DRAWN - JB	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	CHECKED - BRH	REVISED -
		DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 21

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 25
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN	ROADWAY URBAN	TRAFFIC SIGNALS					SIDEWALK	WATER MAIN / SANITARY SEWER
						INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
						0021	0021	0021		0021		
				80% FED 20% STATE	80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE	0021	0021	0043	
• X5640177	FIRE HYDRANT WITH 6" VALVE AND VALVE BOX	EACH	6									6
• X6020096	MANHOLES, TYPE A, 6' -DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1		1							
X6020184	TEMPORARY DRAINAGE CONNECTION	EACH	6		6							
X6024875	TEMPORARY INLET	EACH	1		1							
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	10									10
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	3									3
• X6026632	VALVE BOXES TO BE REMOVED	EACH	2									2
X6061902	CONCRETE MEDIAN, TYPE SM (SPECIAL)	SO FT	3,093		3,093							
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	275		275							
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	23		23							
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1							
• X7010410	SPEED DISPLAY TRAILER	CAL MO	72		72							
• X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1				1					
• X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	2,606			2,606						

• DENOTES SPECIALTY ITEMS

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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	DRAWN - JB	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	CHECKED - ACL	REVISED -
		DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 22

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 26
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN /SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 /ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
▪ X8770140	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	EACH	1				0.7	0.3			
▪ X8771250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT. (SPECIAL)	EACH	1				0.7	0.3			
▪ X8750516	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	5				3.5	1.5			
XZ127900	RETAINING WALL REMOVAL	FOOT	754	754							
Z0000100	ABANDON EXISTING CULVERT	EACH	1	1							
▪ Z0001100	AIR RELEASE VALVE	EACH	1							1	
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	518	518							
Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	1,531	1,531							
▪ Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1							
<input type="checkbox"/> Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	4	4							
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	751	751							
▪ Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1						
Z0036200	PAINT CURB	FOOT	459	459							

• DENOTES SPECIALTY ITEMS

NON-PART 100% SHEETS

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 de fault
 1/24/2023

FILE NAME = D160N11-SHT-500123.dgn	USER NAME = garciaaz	DESIGNED - AG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	SUMMARY OF QUANTITIES 23	F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 27		
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -			SCALE: N.T.S.	SHEET OF SHEETS	STA.	TO STA.	CONTRACT NO. 60N11		
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -			ILLINOIS FED. AID PROJECT						
1/24/2023												

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	ROADWAY URBAN 0004 80% FED 20% STATE	TRAFFIC SIGNALS					SIDEWALK 0021 80% FED 20% STATE	WATER MAIN / SANITARY SEWER 0043 100% GRAYSLAKE
					INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
					0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	100% GRAYSLAKE	80% FED 20% STATE	0021 100% GRAYSLAKE		
Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	1								1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1							
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	313	313							
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	48	48							
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	85	34							51
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	48	48							
Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	48	48							
Z0062456	TEMPORARY PAVEMENT	SO YD	7,295	7,295							
Z0067100	STEEL CASINGS 8"	FOOT	75			75					
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	13	11		2					
X6024444	MANHOLES, TYPE A, 7' DIAMETER, TYPE 1 FRAME, OPEN LID, BOLTED SPECIAL	EACH	1	1							
X6026289	MANHOLES, TYPE A, 9' DIAMETER, TYPE 1 FRAME, OPEN LID, BOLTED SPECIAL	EACH	3	3							
X6023421	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID, BOLTED SPECIAL	EACH	1	1							

• DENOTES SPECIALTY ITEMS

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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	DRAWN - AG	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	CHECKED - BRH	REVISED -
		DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUMMARY OF QUANTITIES 24

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 28
CONTRACT NO. 60N11				ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

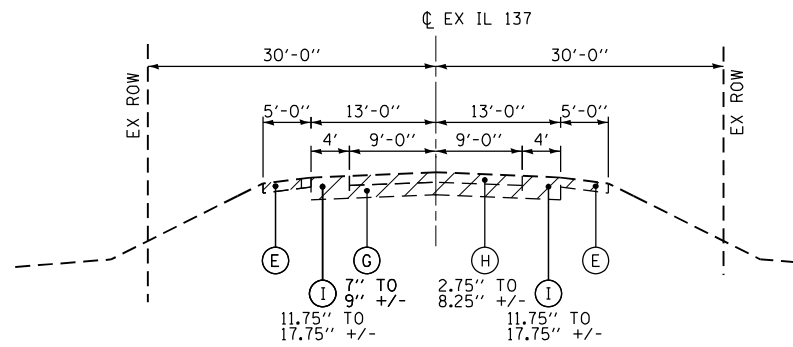
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				URBAN	ROADWAY URBAN	INTERCONNECTS	IL 83/ IL 137 / ATKINSON RD	ORNAMENTAL SIGNALS POLE		EVP		
				0004 80% FED 20% STATE	0004 80% FED 20% STATE	0021 80% FED 20% STATE	0021 80% FED 15% STATE 5% GRAYSLAKE	0021		0021		
				100% GRAYSLAKE	80% FED 20% STATE	100% GRAYSLAKE	80% FED 20% STATE	0021	0021	0043		
• X8750509	TRAFFIC SIGNAL POST, 9 FOOT, (SPECIAL)	EACH	1					0.7	0.3			
• X8750512	TRAFFIC SIGNAL POST, 12 FOOT, (SPECIAL)	EACH	1					0.7	0.3			
• X8770270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT. (SPECIAL)	EACH	1					0.7	0.3			
• X8772782	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 52 FT. AND 26 FT. (SPECIAL)	EACH	1					0.7	0.3			
Ø Z0076600	TRAINEES	HOUR	1500	1500								
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1500	1500								

• DENOTES SPECIALTY ITEMS

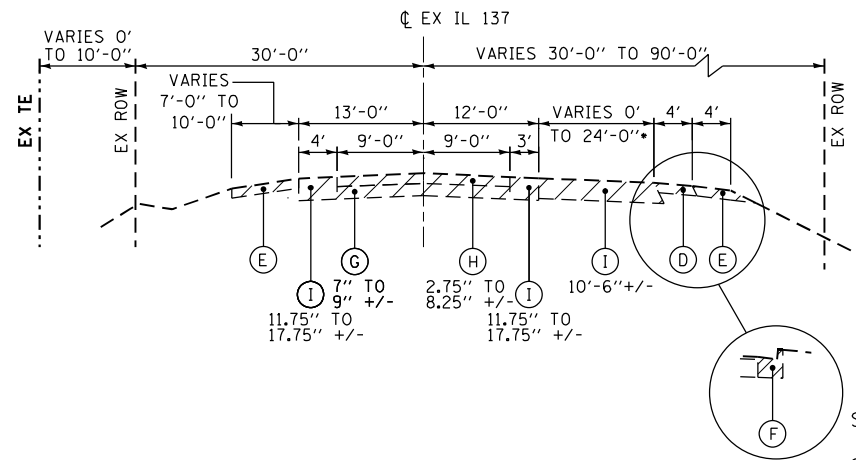
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 1/24/2023

FILE NAME = D:\60N11-SHT-500125.dgn	USER NAME = gercleoz	DESIGNED - AG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)				SUMMARY OF QUANTITIES 25				F.A.P. RTE. = 866	SECTION = 3Y-R	COUNTY = LAKE	TOTAL SHEETS = 385	SHEET NO. = 29		
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / 1in.	CHECKED - BRH	REVISED -									SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -									CONTRACT NO. 60N11						
1/24/2023												REV-SEP						

0042

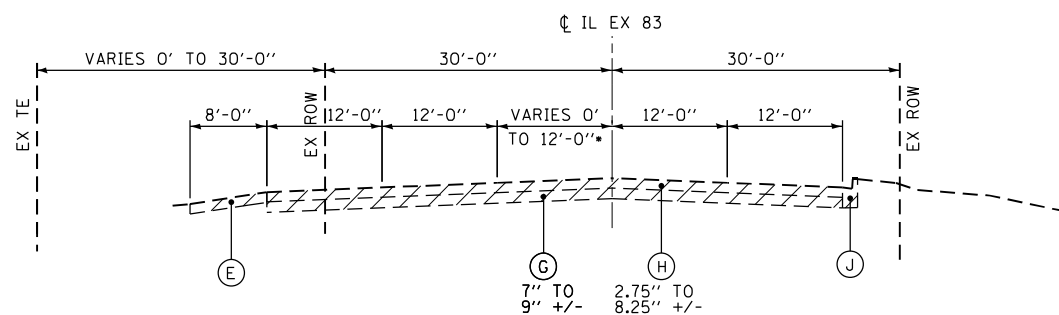


A **EXISTING TYPICAL SECTION - IL ROUTE 137**
STA. 781+44.58 TO STA. 791+00.00

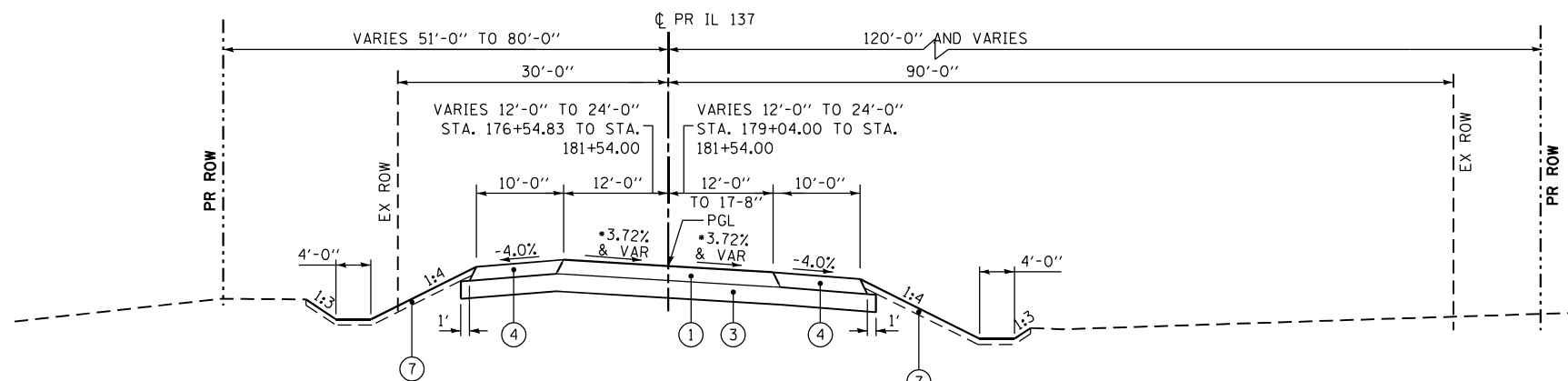


B **EXISTING TYPICAL SECTION - IL ROUTE 137**
STA. 791+00.00 TO STA. 809+25.00

- 0' FROM STA. 791+00.00 TO STA. 792+15.00
- VARIES 0' TO 24' FROM STA. 792+15.00 TO STA. 798+17.13
- 12' FROM STA. 798+17.13 TO STA. 809+25.00



C **EXISTING TYPICAL SECTION - IL ROUTE 83**
STA. 809+25.00 TO STA. 823+20.00
• VARIES 0' TO 12' STA. 817+63.00 TO STA. 823+20.00



D **PROPOSED TYPICAL SECTION - IL ROUTE 137**
STA. 175+12.00 TO STA. 181+54.00

• SEE SUPERELEVATION CHART FOR DETAILS.
TYPICAL SECTION SHEET 6

EXISTING LEGEND

- REMOVAL
- (A) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, 2"
- (B) EXISTING HOT-MIX ASPHALT CONCRETE BINDER COURSE, 7"
- (C) EXISTING AGGREGATE SUBGRADE, 12"
- (D) EXISTING PAVED SHOULDER, 6"
- (E) EXISTING AGGREGATE SHOULDER, 6"
- (F) EXISTING CURB AND GUTTER, TYPE B-6.24
- (G) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (H) EXISTING HOT-MIX ASPHALT OVERLAY
- (I) EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- (J) EXISTING CURB AND GUTTER, TYPE B-6.12
- (K) (BLANK)
- (L) EXISTING CONCRETE SIDEWALK

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) HOT-MIX ASPHALT SHOULDERS, 9-3/4"
- (5) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MODIFIED)
- (6) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (7) TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (9) (BLANK)
- (10) TOPSOIL EXCAVATION AND PLACEMENT, 24"
- (11) CONCRETE MEDIAN SURFACE, 6 INCH
- (12) COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
- (13) CONCRETE MEDIAN, TYPE SM (SPECIAL)
- (14) AGGREGATE BASE COURSE, TYPE B, 6"
- △ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

IL ROUTE 137

STRUCTURAL DESIGN TRAFFIC:	Year <u>2025</u>
PV= <u>18,256</u>	SU= <u>1,148</u> MU= <u>396</u>
ROAD/STREET CLASSIFICATION:	Class <u>I</u>
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= <u>32%</u>	S= <u>45%</u> M= <u>45%</u>
TRAFFIC FACTOR:	Actual TF = <u>3.11</u> AC Type= <u>20</u>
	Minimum TF = <u>3.56</u>
PG GRADE: Binder= _____	Surface= _____
SUBGRADE SUPPORT RATING:	
SSR = <u>POOR</u> (Sta. <u>175+12.00</u> to <u>210+93.59</u>)	
SSR = _____ (Sta. _____ to _____)	

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#FILES#		DRAWN - JB	REVISED -
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 20.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -

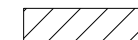
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)

TYPICAL SECTIONS 1
IL ROUTE 137 /IL 83

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	30
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

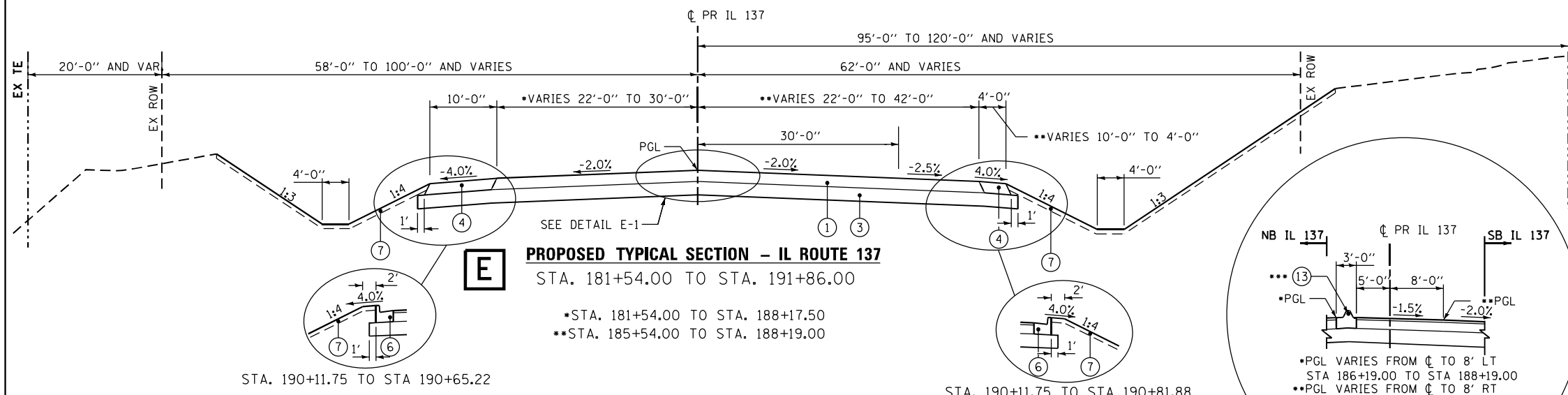
EXISTING LEGEND

-  REMOVAL
- (A) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, 2"
- (B) EXISTING HOT-MIX ASPHALT CONCRETE BINDER COURSE, 7"
- (C) EXISTING AGGREGATE SUBGRADE, 12"
- (D) EXISTING PAVED SHOULDER, 6"
- (E) EXISTING AGGREGATE SHOULDER, 6"
- (F) EXISTING CURB AND GUTTER, TYPE B-6.24
- (G) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (H) EXISTING HOT-MIX ASPHALT OVERLAY
- (I) EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- (J) EXISTING CURB AND GUTTER, TYPE B-6.12
- (K) (BLANK)
- (L) EXISTING CONCRETE SIDEWALK

PROPOSED LEGEND

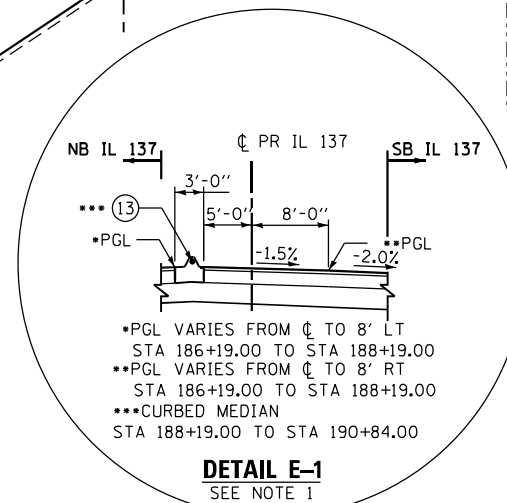
- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) HOT-MIX ASPHALT SHOULDERS, 9-3/4"
- (5) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MODIFIED)
- (6) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (7) TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (9) (BLANK)
- (10) TOPSOIL EXCAVATION AND PLACEMENT, 24"
- (11) CONCRETE MEDIAN SURFACE, 6 INCH
- (12) COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
- (13) CONCRETE MEDIAN, TYPE SM (SPECIAL)
- (14) AGGREGATE BASE COURSE, TYPE B, 6"
- △ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

NOTE:
 1. SEE ROADWAY PROFILE SHEET 75 AND 76 FOR ADDITIONAL PGL INFORMATION
 2. THE IL 83/IL 137/ATKINSON ROAD INTERSECTION SPANS FROM STA. 190+84.00 TO STA. 192+42.00

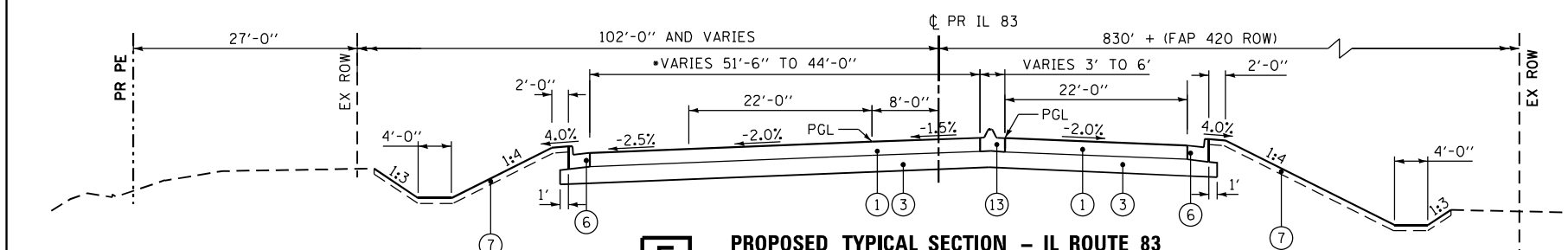


E PROPOSED TYPICAL SECTION - IL ROUTE 137
 STA. 181+54.00 TO STA. 191+86.00

*STA. 181+54.00 TO STA. 188+17.50
 **STA. 185+54.00 TO STA. 188+19.00

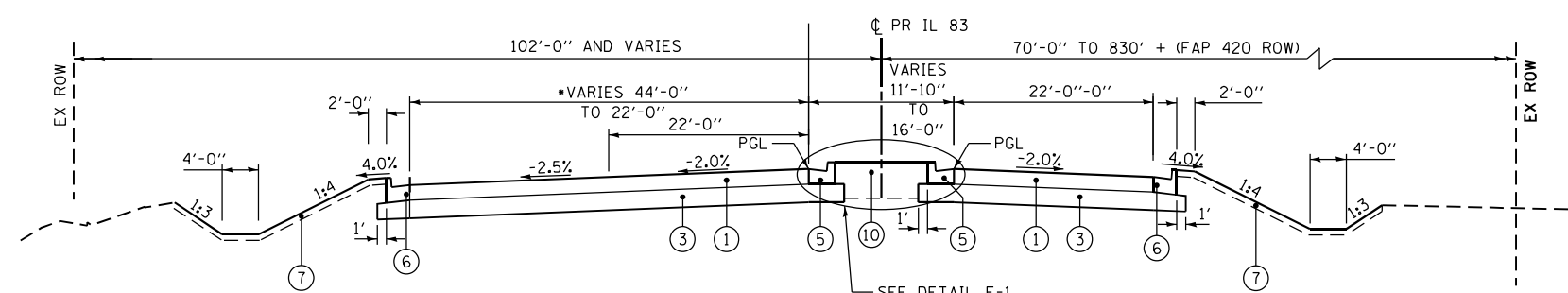


DETAIL E-1
 SEE NOTE 1

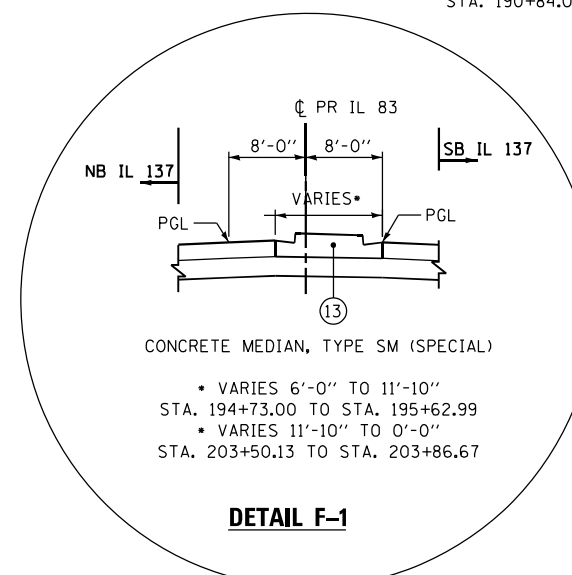


F PROPOSED TYPICAL SECTION - IL ROUTE 83
 STA. 191+86.00 TO STA. 194+73.00

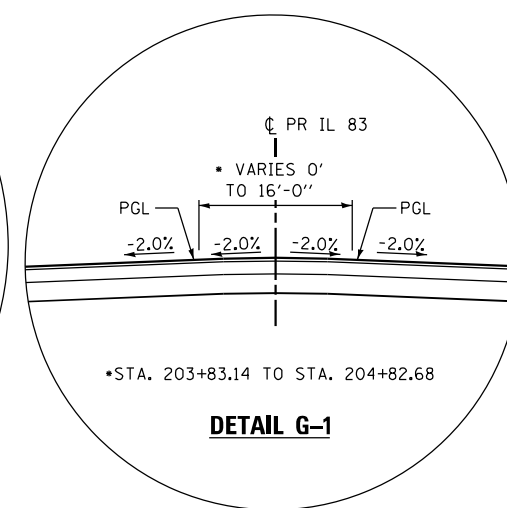
*STA. 193+38.12 TO STA. 194+73.00



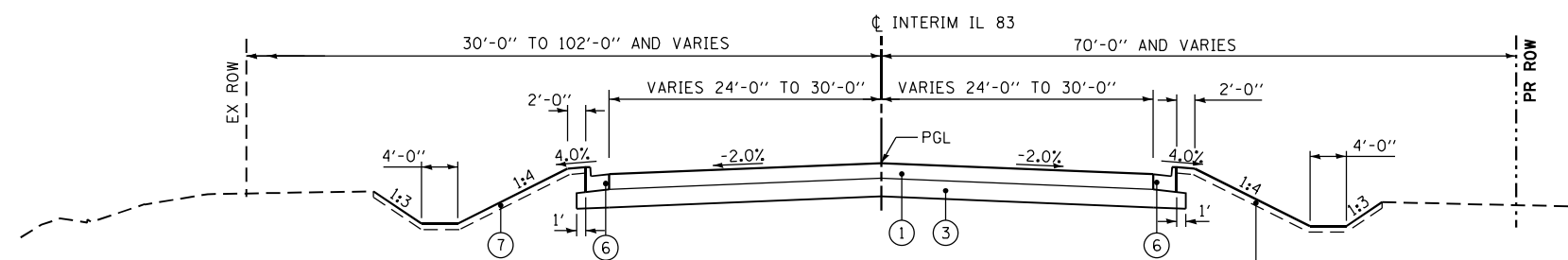
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 STA. 194+73.00 TO STA. 204+82.68



DETAIL F-1



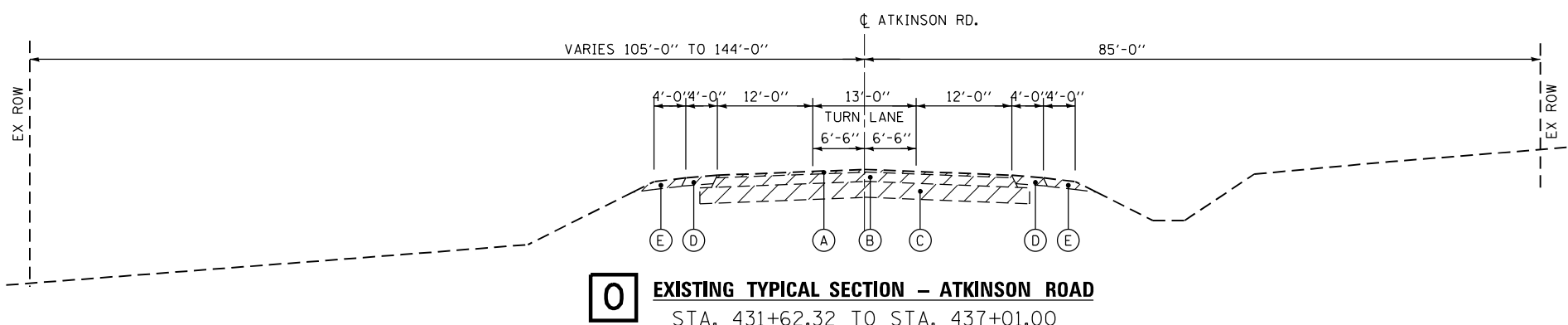
DETAIL G-1



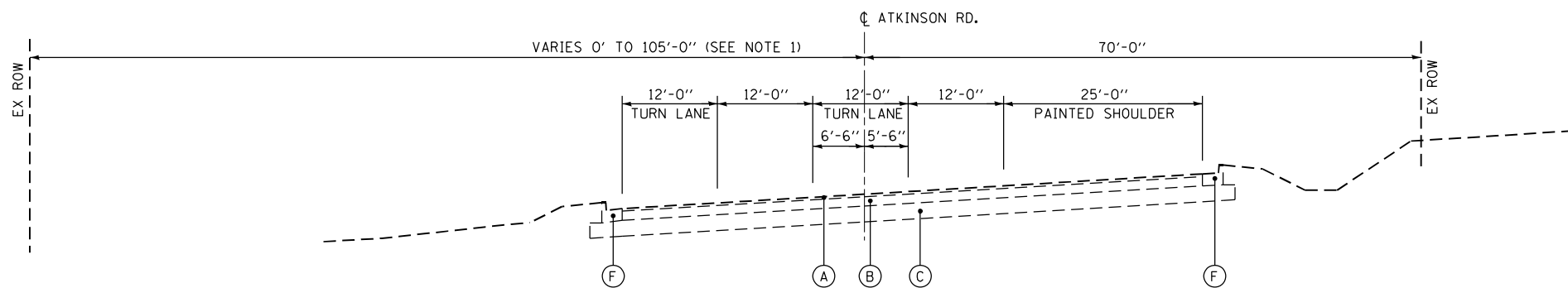
H PROPOSED TYPICAL SECTION - PR INTERIM IL ROUTE 83
 STA. 600+00.00 TO STA. 605+74.11

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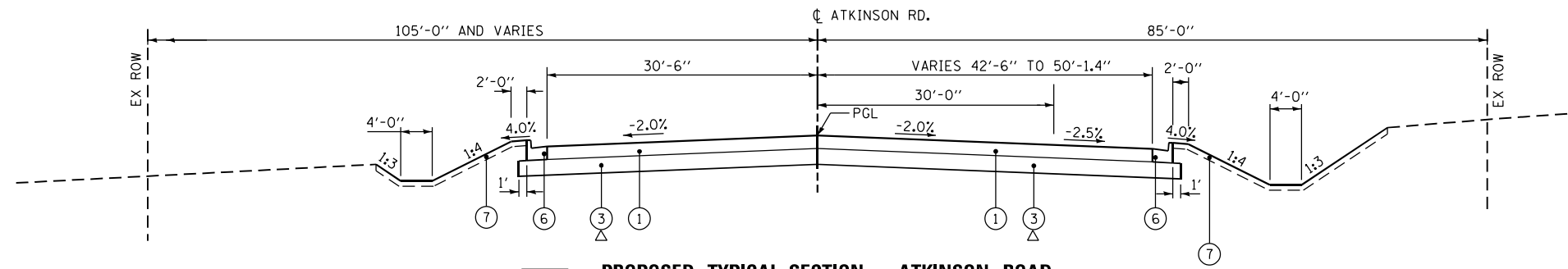
FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	TYPICAL SECTIONS 2 IL ROUTE 137 /IL ROUTE 83			F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 31
FILES		DRAWN - JB	REVISED -		SCALE: N.T.S.	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60N11		
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 20.0000' / in.	CHECKED - BRH	REVISED -							ILLINOIS FED. AID PROJECT		
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -							ILLINOIS FED. AID PROJECT		



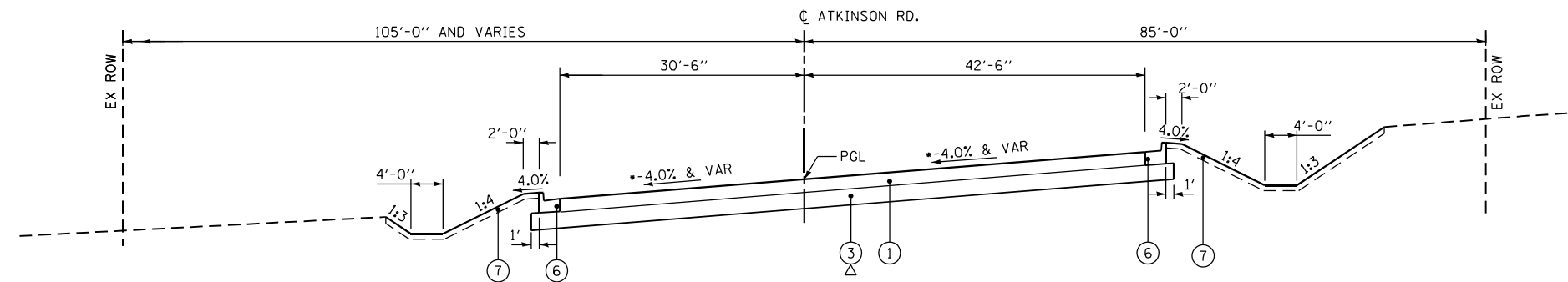
O EXISTING TYPICAL SECTION - ATKINSON ROAD
STA. 431+62.32 TO STA. 437+01.00



P EXISTING TYPICAL SECTION - ATKINSON ROAD
STA. 437+01.00 TO STA. 442+82.00



Q PROPOSED TYPICAL SECTION - ATKINSON ROAD
STA. 432+34.18 TO STA. 434+54.00
*STA. 434+11.02 TO STA. 434+80.00



R PROPOSED TYPICAL SECTION - ATKINSON ROAD
STA. 434+54.00 TO STA. 437+01.00
*SEE SUPERELEVATION CHART FOR DETAILS, TYPICAL SECTION SHEET 6

EXISTING LEGEND

- REMOVAL
- (A) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, 2"
- (B) EXISTING HOT-MIX ASPHALT CONCRETE BINDER COURSE, 7"
- (C) EXISTING AGGREGATE SUBGRADE, 12"
- (D) EXISTING PAVED SHOULDER, 6"
- (E) EXISTING AGGREGATE SHOULDER, 6"
- (F) EXISTING CURB AND GUTTER, TYPE B-6.24
- (G) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (H) EXISTING HOT-MIX ASPHALT OVERLAY
- (I) EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- (J) EXISTING CURB AND GUTTER, TYPE B-6.12
- (K) (BLANK)
- (L) EXISTING CONCRETE SIDEWALK

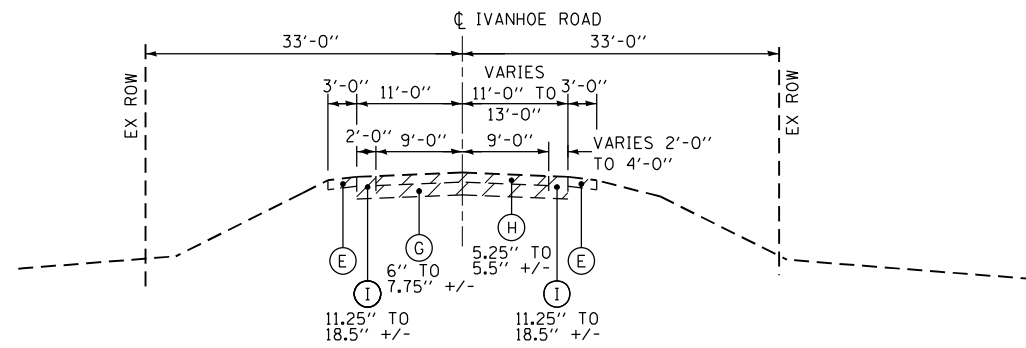
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) HOT-MIX ASPHALT SHOULDERS, 9-3/4"
- (5) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MODIFIED)
- (6) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (7) TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (9) (BLANK)
- (10) TOPSOIL EXCAVATION AND PLACEMENT, 24"
- (11) CONCRETE MEDIAN SURFACE, 6 INCH
- (12) COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
- (13) CONCRETE MEDIAN, TYPE SM (SPECIAL)
- (14) AGGREGATE BASE COURSE, TYPE B, 6"
- Δ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

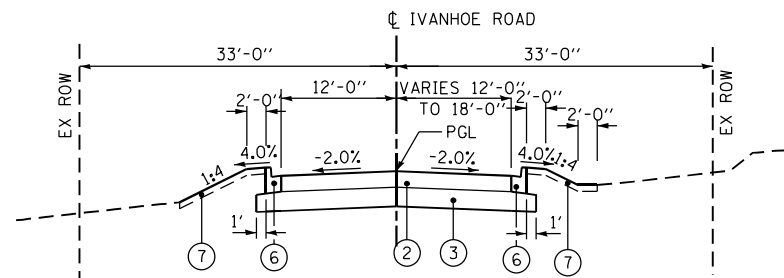
NOTE:
ATKINSON ROAD CROSSES OVER INTO FAP 420 ROW
BETWEEN STA. 439+70.00 AND STA. 444+55.00

\D:\60N11-MOTIF\01.DGN, \D:\60N11-BORDER\01.DGN, \D:\60N11-XSC\01.DGN, \D:\60N11-LEGEND\01.DGN, \D:\60N11-SHT\01.DGN, \D:\60N11-TYPICAL\01.DGN, \D:\60N11-TYPICAL\02.DGN, \D:\60N11-TYPICAL\03.DGN, \D:\60N11-TYPICAL\04.DGN, \D:\60N11-TYPICAL\05.DGN, \D:\60N11-TYPICAL\06.DGN, \D:\60N11-TYPICAL\07.DGN, \D:\60N11-TYPICAL\08.DGN, \D:\60N11-TYPICAL\09.DGN, \D:\60N11-TYPICAL\10.DGN, \D:\60N11-TYPICAL\11.DGN, \D:\60N11-TYPICAL\12.DGN, \D:\60N11-TYPICAL\13.DGN, \D:\60N11-TYPICAL\14.DGN, \D:\60N11-TYPICAL\15.DGN, \D:\60N11-TYPICAL\16.DGN, \D:\60N11-TYPICAL\17.DGN, \D:\60N11-TYPICAL\18.DGN, \D:\60N11-TYPICAL\19.DGN, \D:\60N11-TYPICAL\20.DGN, \D:\60N11-TYPICAL\21.DGN, \D:\60N11-TYPICAL\22.DGN, \D:\60N11-TYPICAL\23.DGN, \D:\60N11-TYPICAL\24.DGN, \D:\60N11-TYPICAL\25.DGN, \D:\60N11-TYPICAL\26.DGN, \D:\60N11-TYPICAL\27.DGN, \D:\60N11-TYPICAL\28.DGN, \D:\60N11-TYPICAL\29.DGN, \D:\60N11-TYPICAL\30.DGN, \D:\60N11-TYPICAL\31.DGN, \D:\60N11-TYPICAL\32.DGN, \D:\60N11-TYPICAL\33.DGN, \D:\60N11-TYPICAL\34.DGN, \D:\60N11-TYPICAL\35.DGN, \D:\60N11-TYPICAL\36.DGN, \D:\60N11-TYPICAL\37.DGN, \D:\60N11-TYPICAL\38.DGN, \D:\60N11-TYPICAL\39.DGN, \D:\60N11-TYPICAL\40.DGN, \D:\60N11-TYPICAL\41.DGN, \D:\60N11-TYPICAL\42.DGN, \D:\60N11-TYPICAL\43.DGN, \D:\60N11-TYPICAL\44.DGN, \D:\60N11-TYPICAL\45.DGN, \D:\60N11-TYPICAL\46.DGN, \D:\60N11-TYPICAL\47.DGN, \D:\60N11-TYPICAL\48.DGN, \D:\60N11-TYPICAL\49.DGN, \D:\60N11-TYPICAL\50.DGN, \D:\60N11-TYPICAL\51.DGN, \D:\60N11-TYPICAL\52.DGN, \D:\60N11-TYPICAL\53.DGN, \D:\60N11-TYPICAL\54.DGN, \D:\60N11-TYPICAL\55.DGN, \D:\60N11-TYPICAL\56.DGN, \D:\60N11-TYPICAL\57.DGN, \D:\60N11-TYPICAL\58.DGN, \D:\60N11-TYPICAL\59.DGN, \D:\60N11-TYPICAL\60.DGN, \D:\60N11-TYPICAL\61.DGN, \D:\60N11-TYPICAL\62.DGN, \D:\60N11-TYPICAL\63.DGN, \D:\60N11-TYPICAL\64.DGN, \D:\60N11-TYPICAL\65.DGN, \D:\60N11-TYPICAL\66.DGN, \D:\60N11-TYPICAL\67.DGN, \D:\60N11-TYPICAL\68.DGN, \D:\60N11-TYPICAL\69.DGN, \D:\60N11-TYPICAL\70.DGN, \D:\60N11-TYPICAL\71.DGN, \D:\60N11-TYPICAL\72.DGN, \D:\60N11-TYPICAL\73.DGN, \D:\60N11-TYPICAL\74.DGN, \D:\60N11-TYPICAL\75.DGN, \D:\60N11-TYPICAL\76.DGN, \D:\60N11-TYPICAL\77.DGN, \D:\60N11-TYPICAL\78.DGN, \D:\60N11-TYPICAL\79.DGN, \D:\60N11-TYPICAL\80.DGN, \D:\60N11-TYPICAL\81.DGN, \D:\60N11-TYPICAL\82.DGN, \D:\60N11-TYPICAL\83.DGN, \D:\60N11-TYPICAL\84.DGN, \D:\60N11-TYPICAL\85.DGN, \D:\60N11-TYPICAL\86.DGN, \D:\60N11-TYPICAL\87.DGN, \D:\60N11-TYPICAL\88.DGN, \D:\60N11-TYPICAL\89.DGN, \D:\60N11-TYPICAL\90.DGN, \D:\60N11-TYPICAL\91.DGN, \D:\60N11-TYPICAL\92.DGN, \D:\60N11-TYPICAL\93.DGN, \D:\60N11-TYPICAL\94.DGN, \D:\60N11-TYPICAL\95.DGN, \D:\60N11-TYPICAL\96.DGN, \D:\60N11-TYPICAL\97.DGN, \D:\60N11-TYPICAL\98.DGN, \D:\60N11-TYPICAL\99.DGN, \D:\60N11-TYPICAL\100.DGN

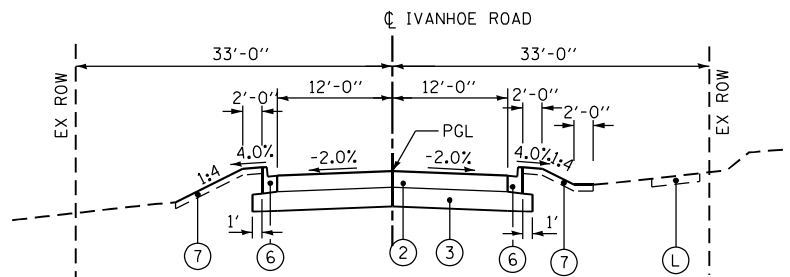
FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	TYPICAL SECTIONS 4 ATKINSON ROAD			F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 33
FILES		DRAWN - JB	REVISED -		SCALE: N.T.S.	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60N11		
exp U.S. Services Inc. Chicago, IL		CHECKED - BRH	REVISED -							ILLINOIS FED. AID PROJECT		
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY		DATE - 01/30/23	REVISED -									



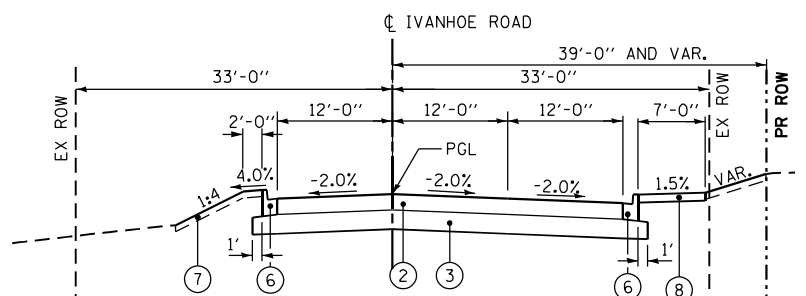
S EXISTING TYPICAL SECTION - IVANHOE ROAD
STA. 297+01.00 TO STA. 308+31.20



T PROPOSED TYPICAL SECTION - IVANHOE ROAD
STA. 284+68.40 TO STA. 294+91.46



U PROPOSED TYPICAL SECTION - IVANHOE ROAD
STA. 302+15.00 TO STA. 306+89.00*
*STA. 302+15.00 TO STA. 303+29.65 IS THE PROPOSED
CUL-DE-SAC. SEE SHEET 222 FOR DETAILS



V PROPOSED TYPICAL SECTION - IVANHOE ROAD
STA. 306+89.00 TO STA. 310+08.70
RIGHT TURN LANE TAPER 306+89.00 TO 307+97.00
RIGHT TURN LANE 307+97.00 TO 309+25.96

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE			
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 - 2		3.5% @ 80 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 - 2 1/4"		4% @ 90 GYR.	QCP
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 - 5 1/2"		4% @ 90 GYR.	PFPP
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/2"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"		4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 5 1/2"		4% @ 70 GYR.	QCP
HOT-MIX ASPHALT SHOULDERS, 9-3/4"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5 N70 - 2"		4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7-3/4"		4% @ 70 GYR.	QC/QA
TEMPORARY PAVEMENT (HMA OPTION)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"		4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 8"		4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"		4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 MM) - 6"		4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50) - 2"		4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 MM) - 8"		4% @ 50 GYR.	QC/QA
RURAL FIELD ENTRANCE			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"		4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"		4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE, IL-19.0, N70 - 4"		4% @ 70 GYR.	QC/QA

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.
- 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 RECLAIMED MATERIALS SPECIFICATIONS.
- PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

EXISTING LEGEND

- REMOVAL
- (A) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, 2"
- (B) EXISTING HOT-MIX ASPHALT CONCRETE BINDER COURSE, 7"
- (C) EXISTING AGGREGATE SUBGRADE, 12"
- (D) EXISTING PAVED SHOULDER, 6"
- (E) EXISTING AGGREGATE SHOULDER, 6"
- (F) EXISTING CURB AND GUTTER, TYPE B-6.24
- (G) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (H) EXISTING HOT-MIX ASPHALT OVERLAY
- (I) EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- (J) EXISTING CURB AND GUTTER, TYPE B-6.12
- (K) (BLANK)
- (L) EXISTING CONCRETE SIDEWALK

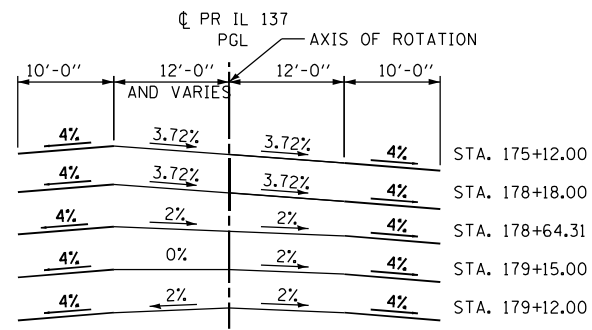
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4"
- (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) HOT-MIX ASPHALT SHOULDERS, 9-3/4"
- (5) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MODIFIED)
- (6) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (7) TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (9) (BLANK)
- (10) TOPSOIL EXCAVATION AND PLACEMENT, 24"
- (11) CONCRETE MEDIAN SURFACE, 6 INCH
- (12) COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
- (13) CONCRETE MEDIAN, TYPE SM (SPECIAL)
- (14) AGGREGATE BASE COURSE, TYPE B, 6"
- Δ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

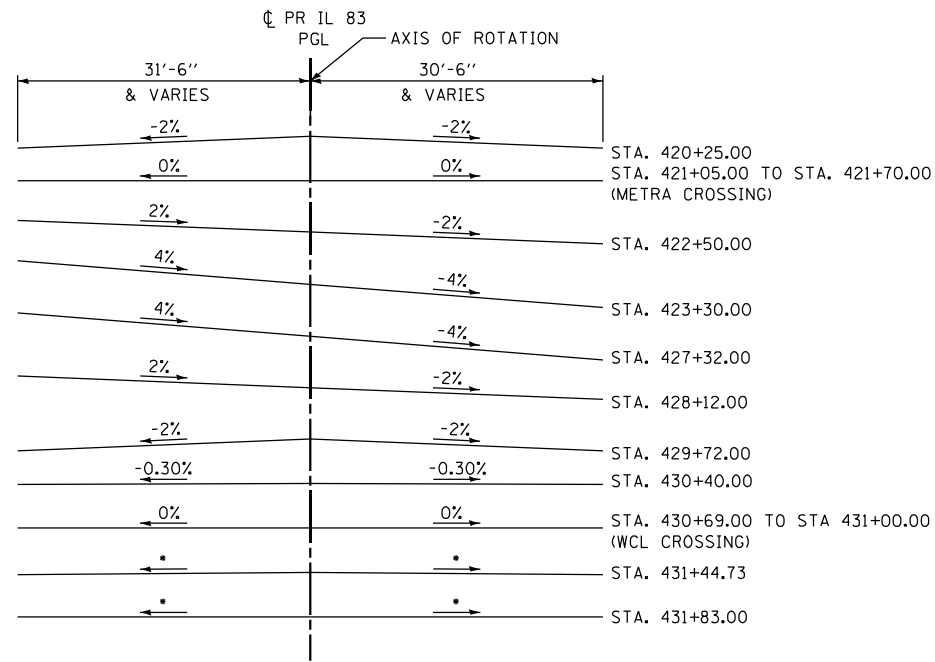
IVANHOE ROAD

STRUCTURAL DESIGN TRAFFIC:	Year 2025
PV= 1,958	SU= 22 MU= 2
ROAD/STREET CLASSIFICATION:	Class III
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 50%	S= 50% M= 50%
TRAFFIC FACTOR:	Actual TF = 0.03 AC Type= 20
	Minimum TF = 3.16
PG GRADE: Binder=	Surface=
SUBGRADE SUPPORT RATING:	
SSR = POOR	(Sta. 283+51.87 to 310+08.70)
SSR =	(Sta. to)

\D:\60N11-MOTIF101.DGN, \D:\60N11-BORDER101.DGN, \D:\60N11-XSC101.DGN, \D:\60N11-LEGEND101.DGN, \D:\60N11-SHT-TYPICAL105.DGN
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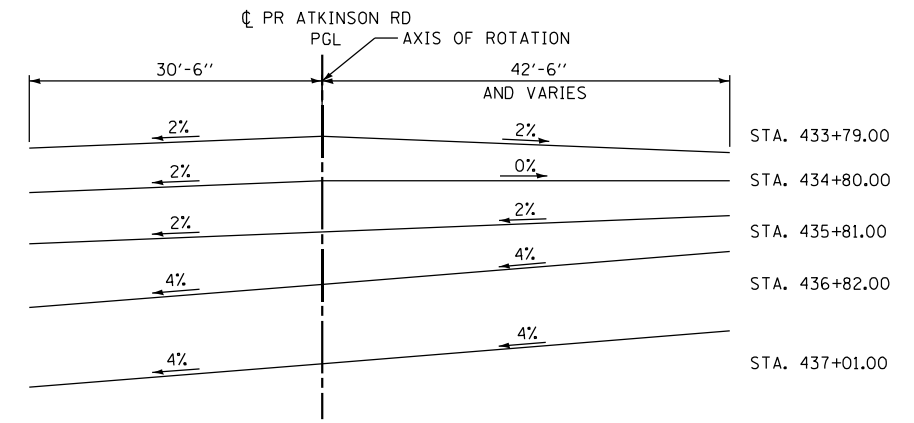


IL ROUTE 137
STA. 175+12.00 TO STA. 179+72.00



IL ROUTE 83
STA. 420+25.00 TO STA. 431+83.00

• SEE INTERSECTION DETAIL, SHEET 219, FOR ROADWAY CROSS SLOPES.



ATKINSON ROAD
STA. 433+79.00 TO STA. 437+01.00

\D:\60N11-MOTIF\01.DGN, \D:\60N11-BORDER\01.DGN, \D:\60N11-XSC\01.DGN, \D:\60N11-LEGEND\01.DGN, 1-24-2023, 15:08:47, GARCIAAZ, C:\P\WORK\EXP\DMS\3717\60N11-SHT-TYPICAL\06.DGN

FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	TYPICAL SECTIONS 6 SUPERELEVATION TABLES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILES#		DRAWN - JB	REVISED -		866	3Y-R	LAKE	385	35			
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 20.0000' / in.	CHECKED - AG	REVISED -		CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT				
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	

EARTHWORK SCHEDULE

FROM STA	TO STA	EARTH EXCAVATION	TOPSOIL EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	AGGREGATE SUBGRADE IMPROVEMENT PLACEMENT	TOPSOIL PLACEMENT	EMBANKMENT	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
EX IL 137 - STAGE III									
772+34.34	773+00.00	0.5	0.0	0.0	0.0	0.7	1.7	0.4	-1.3
773+00.00	774+00.00	1.5	0.0	0.0	0.0	2.0	2.2	1.3	-1.0
774+00.00	775+00.00	1.5	0.0	0.0	0.0	1.3	2.0	1.3	-0.8
775+00.00	776+00.00	1.1	0.0	0.0	0.0	0.9	2.0	0.9	-1.1
776+00.00	777+00.00	0.9	0.0	0.0	0.0	2.2	3.3	0.8	-2.5
777+00.00	778+00.00	0.9	0.0	0.0	0.0	2.8	4.3	0.8	-3.5
778+00.00	END	0.4	0.0	0.0	0.0	1.1	2.0	0.3	-1.7
SUBTOTAL		6.8	0.0	0.0	0.0	11.1	17.6	5.8	-11.9

ADDITIONAL AREAS									
STILLING BASIN		2,454.60	1,099.30	0.00	0.00	285.99	25.30	2,086.41	2,061.11
CHANNEL RE-GRADING		71.81	0.00	0.00	0.00	0.00	0.00	61.03	61.03
12" TOPSOIL FOR TREE PLACEMENT		0.00	0.00	0.00	0.00	129.63	0.00	0.00	0.00
VULCAN SITE		2,164.00	0.00	0.00	0.00	0.00	88.00	1,839.40	1,751.40

PRE-STAGE SUBTOTAL		592.69	1,497.35	0.00	0.00	0.00	2,529.17	503.79	-2,025.38
STAGE I SUBTOTAL		31,865.62	15,123.45	2,330.47	1,402.93	4,457.11	29,501.76	27,085.78	-2,415.98
STAGE II SUBTOTAL		14,000.45	1,897.03	0.00	0.00	2,649.26	4,387.43	11,900.39	7,512.96
STAGE III SUBTOTAL		611.61	0.00	0.00	0.00	617.77	58.39	519.87	-11.86
TOTAL		51,760.8	19,617.1	2,330.5	1,402.9	8,139.8	36,590.0	43,996.7	6,933.3

SEE NOTE 1

FURNISHED EXCAVATION = PRE-STAGE EW SHORTAGE + STAGE I EW SHORTAGE - STILLING BASIN EXCAVATION + SPECIAL WASTE VOLUME (PER THE GENERAL NOTE ON SHEET 3)

2025.4	2416.0	2061.1	
2,380.2	TOTAL		

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS = REM & DISP UNS MATL TOTAL

2,330.5	TOTAL
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TOPSOIL BALANCE = TOPSOIL EXCAVATION - TOPSOIL PLACEMENT

19617.1	8139.8
11,477.4	TOTAL

NOTE:
 1. "TOPSOIL EXCAVATION AND PLACEMENT" WILL BE MEASURED FOR PAYMENT BASED ON THE TOTAL VOLUME OF TOPSOIL EXCAVATED. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF THE WASTE TOPSOIL FROM THE PROJECT SITE. THIS WORK IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, IS INCLUDED IN THE PAY ITEM "TOPSOIL EXCAVATION AND PLACEMENT".

\\D:\60N11-BORDEIR\01.DGN --D:\60N11-SCHE001.DGN
 3-02-2023 13:19:18 GARCIAAZ C:\P\WORK\EXP\0MS32717\0160N11-SHT-SCHEDULE101.DGN

FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - AG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	SCHEDULE OF QUANTITIES 3			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILES#		DRAWN - AG	REVISED -					866	3Y-R	LAKE	385	38	
exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = 100.0000' / 1" =	CHECKED - BRH	REVISED -		SCALE: N.T.S.			SHEET	OF	SHEETS	STA.	TO	STA.
	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -					CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT		

20101000 TOTAL 2,302 FOOT						
TEMPORARY FENCE						
ALIGNMENT	STATION	OFFSET	STATION	OFFSET	LENGTH	SUBTOTALS
IL 83 / ATKINSON	437+00.82	63.9			19	19
IL 83 / ATKINSON	433+24.12	-69.4			19	19
IL 83 / ATKINSON	433+99.03	-64.8			19	19
IL 83 / ATKINSON	434+76.38	-60.6			19	19
IL 83 / ATKINSON	435+49.49	-58.9			19	19
IL 83 / ATKINSON	435+98.81	-60.0			19	19
IL 83 / ATKINSON	436+81.61	-55.8			19	19
IVANHOE	286+08.38	54.8	287+17.83	49.6	221.0	221.0
IVANHOE	294+30.89	-32.4	294+47.69	-32.2	25.5	25.5
IL 137	774+29.00	-37.8	778+00.00	-57.22	288	288
IL 137	174+00.00	RT	176+20.00	RT	245	245.0
IL 137	185+50.00	RT	186+50.00	RT	220	220.0
ATKINSON	433+00.00	RT	436+15.00	RT	481	481
IVANHOE	284+50.00	LT	285+40.00	LT	215	215.0
IVANHOE	307+90.00	LT	308+20.00	LT	53	53.0
IL 137	409+50.00	LT	411+50.00	LT	260	260
IL 137	409+00.00	RT	411+00.00	RT	160	160.0

20800150 TOTAL 2,938 CU YD				
TRENCH BACKFILL				
STATION	TRENCH LENGTH FOOT	TRENCH WIDTH FOOT	AVG. DEPTH FOOT	SUBTOTALS
PROPOSED DRAINAGE (SEE DRAINAGE PIPE SCHEDULE)				1731
TEMPORARY DRAINAGE				170
EXISTING SS & CULVERT REMOVAL				
793+45.74	65	4	3.78	36
435+00.00	88	4	2.84	37
284+68.22	43	5	1.85	15
303+16.38	119	3	1.835	24
603+00.00	321	3	2	71
603+00.00	711	3	2	158
603+60.00	223	4	1.78	59
436+50.00	29	4	3.595	15
816+99.00	198	4.5	4.025	133
308+18.00	16	5	3.55	11
WATER MAIN RELOCATION #1				
424+22.49	85	4	8	101
SANITARY SEWER REMOVAL 8"				
	318	4	8	377

21001000 TOTAL 10,726 SQ YD			
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION			
PAY ITEM	QTY		SUBTOTALS
	SQ YD		
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/2"	5828.0		
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"	37075.0		
	TOTAL	42903.0	
	25%	10726	10726

25000210 TOTAL 6.50 ACRE						
SEEDING, CLASS 2A						
STATION FROM	STATION TO	ALIGNMENT	SIDE RT/LT	ROAD	AREA SQ FT	SUBTOTALS
774+29.08	174+07.25	EX/PR IL 137	LT	IL 137	7,903	0.18
174+46.56	185+00.00	PR IL 137	LT	IL 137	12,686	0.29
173+66.36	185+00.00	PR IL 137	RT	IL 137	13,484	0.31
185+00.00	191+30.56	PR IL 137	LT	IL 137/IL 83	8,350	0.19
185+00.00	191+38.04	PR IL 137	RT	IL 137/ATKINSON	12,316	0.28
192+23.69	200+00.00	PR IL 137	RT	IL 137/ATKINSON	14,035	0.32
192+22.54	200+00.00	PR IL 137	LT	IL 137/IL 83	9,732	0.22
429+22.53	429+90.53	PR IL 83	MEDIAN	IL 83	601	0.01
430+63.29	428+00.00	PR IL 83	RT	IL 83	3,166	0.07
430+67.36	428+00.00	PR IL 83	LT	IL 83	3,333	0.08
290+00.00	292+34.59	PR IVANHOE	LT	IVANHOE	4,306	0.10
292+76.33	293+39.14	PR IVANHOE	LT	IVANHOE	846	0.02
290+00.00	292+35.67	PR IVANHOE	RT	IVANHOE	7,571	0.17
293+18.84	293+67.13	PR IVANHOE	RT	IVANHOE	773	0.02
195+52.72	200+00.00	PR IL 137	CL	IL 137/IL 83	4,368	0.10
200+00.00	203+55.82	PR IL 137	CL	IL 137/IL 83	3,511	0.08
200+00.00	608+83.18	PR IL 83/INTERIM 83	LT	IL 83/INTERIM 83	16,325	0.37
200+00.00	604+33.41	PR IL 83/INTERIM 83	RT	IL 83/INTERIM 83	11,049	0.25
293+39.14	294+55.87	PR IVANHOE	LT	IVANHOE	2,047	0.05
293+55.77	295+23.53	PR IVANHOE	RT	IVANHOE	3,401	0.08
302+00.00	305+92.43	PR IVANHOE	RT	IVANHOE	7,804	0.18
303+42.00	304+54.24	PR IVANHOE	LT	IVANHOE	2,000	0.05
304+68.26	304+94.00	PR IVANHOE	LT	IVANHOE	298	0.01
305+05.16	306+15.69	PR IVANHOE	LT	IVANHOE	1,974	0.05
306+30.74	306+60.80	PR IVANHOE	LT	IVANHOE	406	0.01
306+72.78	307+97.49	PR IVANHOE	LT	IVANHOE	2,258	0.05
308+22.71	308+51.63	PR IVANHOE	LT	IVANHOE	446	0.01
308+87.88	309+69.41	PR IVANHOE	LT	IVANHOE	2,083	0.05
306+32.82	307+44.15	PR IVANHOE	RT	IVANHOE	1,134	0.03
308+93.98	309+53.50	PR IVANHOE	RT	IVANHOE	404	0.01
309+62.50	309+77.71	PR IVANHOE	RT	IVANHOE	482	0.01
299+14.35	303+14.18	PR IVANHOE	BOTH	IVANHOE	60,526	1.39
409+00.00	418+00.00	PR IL 83	LT	IL 83	10,803	0.25
409+00.00	417+28.50	PR IL 83	RT	IL 83	10,683	0.25
417+63.50	418+00.00	PR IL 83	RT	IL 83	888	0.02
418+00.00	421+29.53	PR IL 83	LT	IL 83	3,615	0.08
422+08.98	425+94.42	PR IL 83	LT	IL 83	6,682	0.15
427+19.41	428+00.00	PR IL 83	LT	IL 83	4,461	0.10
418+00.00	419+78.81	PR IL 83	RT	IL 83	2,149	0.05
421+50.88	428+00.00	PR IL 83	RT	IL 83	8,039	0.18
284+56.66	286+91.17	PR IVANHOE	LT	IVANHOE	4,137	0.09
286+77.82	290+00.00	PR IVANHOE	RT	IVANHOE	5,489	0.13
287+04.51	288+60.00	PR IVANHOE	LT	IVANHOE	2,832	0.07
288+72.00	290+00.00	PR IVANHOE	LT	IVANHOE	2,328	0.05

25000400 TOTAL 585 POUND				
NITROGEN FERTILIZER NUTRIENT				
PAY CODE	PAY ITEM	AREA ACRE	RATE LB/ACRE	SUBTOTALS
25000210	SEEDING, CLASS 2A	6.50	90	585 585

25000600 TOTAL 585 POUND				
POTASSIUM FERTILIZER NUTRIENT				
PAY CODE	PAY ITEM	AREA ACRE	RATE LB/ACRE	SUBTOTALS
25000210	SEEDING, CLASS 2A	6.50	90	585 585

25000750 TOTAL 6.50 ACRE			
MOWING			
PAY CODE	PAY ITEM		SUBTOTALS
25000210	SEEDING, CLASS 2A		6.50

25100115 TOTAL 1.25 ACRE						
MULCH, METHOD 2						
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	AREA SQ FT	SUBTOTALS
STAGE 1A						
IL 83	200+56.65	159.4	202+28.27	159.4	16,626	0.38
STAGE 1C						
INT IL 137	600+99.15	57.9	604+10.46	171.3	35,981	0.83

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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SCHEDULE OF QUANTITIES 4

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	39
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

35101800 TOTAL 453 SQ YD				
AGGREGATE BASE COURSE, TYPE B 6"				
ROAD	STA TO	STA TO	AREA SQ.FT.	SUBTOTALS
IL 83	192+19.40	192+65.62	1006.3	111.8
IL 83	429+90.53	430+57.59	592.4	65.8
IL 83	431+07.71	431+73.62	573.5	63.7
IL 83	420+28.00	421+15.22	855.8	95.1
IL 83	421+58.07	422+43.00	1050.9	116.8

35102000 TOTAL 381 SQ YD				
AGGREGATE BASE COURSE, TYPE B 8"				
ROAD	DRIVEWAY STATION	SIDE RT/LT	AREA SQ.FT.	SUBTOTALS
IL 137	174+26.90	LT	2150.2	238.9
IL 137	184+45.80	LT	915.7	101.7
IVANHOE RD	292+45.25	RT	365.5	40.6

40600370 TOTAL 40,701 FOOT					
LONGITUDINAL JOINT SEALANT					
LOCATION	FROM STATION	TO STATION	LENGTH FT	FACTOR	SUBTOTALS
ALONG CENTERLINE					
PR IL 137	175+12.00	188+19.02	1307	2	2614
	190+84.00	192+42.00	158	2	316
PR IL 83	203+82.68	204+82.68	100	2	200
	600+00.00	605+89.16	589	2	1178
	411+23.00	420+21.30	898	2	1797
	422+51.83	429+15.54	664	2	1327
IVANHOE	283+82.50	294+80.06	1098	2	2195
	302+15.00	309+77.81	763	2	1526
LANE LINES FOR PR IL 137/IL 83					
NB THRU	181+54.23	204+82.68	2329	2	4658
	600+00.00	605+89.16	590	2	1180
NB RT LANE	185+54.00	192+81.04	727	2	1454
NB LT LANE	185+54.00	192+42.00	688	2	1376
SB THRU	181+54.23	204+82.68	2329	2	4658
	600+00.00	605+89.16	588	2	1176
SB RT LANE	190+65.22	198+58.00	793	2	1586
SB LT LANE	185+54.01	188+19.02	265	2	530
	190+84.00	196+27.00	543	2	1086
LANE LINES FOR PR IL 83					
NB THRU	418+97.34	421+20.57	223	2	446
	421+31.75	430+69.14	910	2	1820
	430+94.23	432+02.65	108	2	216
NB MEDIAN	422+43.00	430+69.73	812	2	1624
	430+94.81	432+03.24	108	2	216
EDGE	430+93.47	432+01.88	108	2	216
SB THRU	417+23.12	421+41.12	418	2	836
	421+52.22	430+71.54	938	2	1876
	430+96.60	432+05.06	108	2	216
EDGE	425+56.75	426+95.32	145	2	290
LANE LINE FOR IVANHOE RD					
RT LANE	306+89.00	309+78.16	289	2	578
LANE LINES FOR ATKINSON RD					
NB THRU	432+62.72	437+01.64	443	2	886
SB THRU	432+65.13	437+03.19	436	2	872
MEDIAN	432+63.90	437+02.37	439	2	878
	432+64.54	437+02.79	437	2	874

40604060 TOTAL 42 TON							
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50							
ROAD	DRIVEWAY STATION	SIDE RT/LT	AREA SQ.FT.	AREA SQ. YD.	THICKNESS IN	TONS	SUBTOTALS
IL 137	174+26.90	LT	2150.2	238.9	2.0	26.8	26.8
IL 137	184+45.80	LT	915.7	101.7	2.0	11.4	11.4
IVANHOE	292+45.25	RT	339.5	37.7	2.0	4.2	4.2

40600290 TOTAL 31,136 POUND			
BITUMINOUS MATERIALS (TACK COAT)			
CODE NO.	BITUMINOUS PAY ITEM	AREA SQ.FT.	SUBTOTALS
40701876	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"	333,676	25,026
40701831	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/2"	52,456	2,623
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	69,745	3,487

40701801 TOTAL 7,749 SQ YD				
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"				
ROAD	AREA SQ.FT.	AREA SQ. YD.	SUBTOTALS	
IL 83	VULCAN PROPERTY	69744.8	7749.4	7749.4

40701831 TOTAL 5,828 SQ YD				
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/2"				
ROAD	STA FROM	STA TO	AREA SQ.FT.	SUBTOTALS
PR IVANHOE	290+00.00	293+47.16	8,332	926
PR IVANHOE	293+47.16	294+80.06	3,997	444
PR IVANHOE	302+15.00	309+77.81	27,000	3,000
PR IVANHOE	284+23.25	290+00.00	13,128	1,459

40701876 TOTAL 37,075 SQ YD				
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"				
ROAD	STA FROM	STA TO	AREA SQ.FT.	SUBTOTALS
PR IL 137	175+12.00	185+00.00	36835.5	4,093
PR IL 137/IL 83	185+00.00	200+00.00	11148.8	12,380
PR IL 83	428+00.00	430+70.63	17970.4	1,997
PR ATKINSON	433+28.74	437+01.00	27802.2	3,089
PR IL 83	200+00.00	204+82.68	23089.0	2,565
PR IL 83 INTERIM	600+00.00	605+89.16	29953.8	3,328
PR IL 83	411+23.00	418+00.00	21231.0	2,359
PR IL 83	418+00.00	421+31.64	17064.7	1,896
PR IL 83	421+42.88	428+00.00	48310.4	5,368

40600275 TOTAL 17,436 POUND			
BITUMINOUS MATERIALS (PRIME COAT)			
CODE NO.	BITUMINOUS PAY ITEM	AREA SQ.FT.	SUBTOTALS
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12" (MAINTENANCE YARD - VULCAN PROPERTY)	69,745	17,436

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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE = 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SCHEDULE OF QUANTITIES 7

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	42
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

42001300 TOTAL 10,537 SQ YD						
PROTECTIVE COAT						
	LENGTH	WIDTH	AREA	AREA	APPLICATIONS	SUBTOTALS
	FT	FT	SQ FT	SQ YDS		
42300400				166.0	2.0	332.0
42400200			2012.0	223.6	2.0	447.1
60600605	693	1.01	699.9	77.8	2.0	155.5
60605000	11060	3.01	33290.6	3699.0	2.0	7397.9
60608582	650	2.72	1768.0	196.4	2.0	392.9
60608600	68	1.37	93.2	10.4	2.0	20.7
60610400	100	2.88	288.0	32.0	2.0	64.0
60618320			4680.0	520.0	2.0	1040.0
X6061902			3093.0	343.7	2.0	687.3

42300400 TOTAL 166 SQ YD					
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH					
ROAD	STA FROM	STA TO	SIDE RT/LT	AREA SQ.FT.	SUBTOTALS
PR IVANHOE	292+17.78	292+93.53	LT	1497.7	166

42400200 TOTAL 2,012 SQ FT					
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH					
ROAD	STA FROM	STA TO	SIDE LT / RT	SUBTOTALS	
INTERIM IL 83	604+33.31	605+89.16	RT	491.7	
IVANHOE	305+86.18	305+95.63	RT	50.9	
IVANHOE	306+29.66	306+39.59	RT	61.9	
IVANHOE	307+34.09	307+47.78	RT	116.8	
IVANHOE	307+92.22	309+62.50	RT	1201.3	
IVANHOE	309+54.00	309+62.50	LT	89.3	

42400800 TOTAL 96 SQ FT					
DETECTABLE WARNINGS					
ROAD	STA FROM	STA TO	SIDE LT / RT	SUBTOTALS	
PR IVANHOE	305+90.79	305+92.79	RT	10.1	
PR IVANHOE	306+32.47	306+34.47	RT	9.9	
PR IVANHOE	307+41.90	307+47.78	RT	11.4	
PR IVANHOE	307+92.23	307+99.66	RT	17.8	
PR IVANHOE	309+54.00	309+62.00	RT	21.8	
PR IVANHOE	309+54.00	309+62.00	LT	24.7	

44000100 TOTAL 36,543 SQ YD						
PAVEMENT REMOVAL						
ROAD	ALIGNMENT	STA FROM	STA TO	AREA SQ FT	SUBTOTALS	
IL 137	EX IL 137	781+44.60	791+34.22	26063.5	2895.9	
IL 137	EX IL 137	791+34.22	806+34.66	59849.5	6649.9	
ATKINSON	PR IL 83	432+00.51	437+02.15	21293.9	2366.0	
IVANHOE	PR IVANHOE	290+00.00	293+47.16	8981.1	997.9	
IL 137	EX IL 137	806+34.66	817+00.00	50867.1	5651.9	
IVANHOE	PR IVANHOE	293+47.16	296+60.73	11094.3	1232.7	
IVANHOE	PR IVANHOE	297+49.44	309+77.39	32569.2	3618.8	
IL 83	PR IL 83	411+23.00	418+00.00	17527.9	1947.5	
IL 83	PR IL 83	418+00.00	411+26.03	8110.1	901.1	
IL 83	PR IL 83 / PR IVANHOE	421+48.50	290+00.00	26871.3	2985.7	
TEMPORARY PAVEMENT					7295.0	

44000200 TOTAL 2,244 SQ YD						
DRIVEWAY PAVEMENT REMOVAL						
ROAD	ALIGNMENT	STATION FROM	STATION TO	SIDE RT/LT	AREA SQ FT	SUBTOTALS
IVANHOE	PR IVANHOE	291+77.66	293+09.71	LT	2,254	250.5
IL 137	EX IL 137	806+80.20	807+44.83	RT	437	48.5
IL 83	EX IL 137	816+60.05	816+10.67	RT	247	27.5
IVANHOE	PR IVANHOE	294+36.31	294+99.86	LT	910	101.1
IVANHOE	PR IVANHOE	303+14.81	303+50.45	LT	495	55.0
IVANHOE	PR IVANHOE	304+56.09	304+75.95	LT	284	31.6
IVANHOE	PR IVANHOE	304+88.95	305+14.19	LT	299	33.3
IVANHOE	PR IVANHOE	305+79.79	306+45.22	RT	1,166	129.5
IVANHOE	PR IVANHOE	306+09.83	306+37.40	LT	342	38.0
IVANHOE	PR IVANHOE	306+52.30	306+82.60	LT	281	31.2
IVANHOE	PR IVANHOE	307+31.73	308+03.78	RT	1,792	199.1
IVANHOE	PR IVANHOE	307+86.37	309+45.22	LT	2,668	296.5
IL 83	PR IL 83	417+06.85	418+10.97	RT	2,807	311.9
IL 83	PR IL 83	422+17.52	423+03.98	RT	1,880	208.9
IL 83	PR IL 83	424+18.36	424+97.06	LT	1,423	158.1
	PR IVANHOE	283+96.99	284+86.92	LT	2,279	253.2
	PR IVANHOE	286+66.63	287+15.89	LT	383	42.5
	PR IVANHOE	288+56.96	288+79.96	LT	249	27.7

44000500 TOTAL 2,451 FOOT					
COMBINATION CURB AND GUTTER REMOVAL					
ROAD	ALIGNMENT	STATION FROM	OFFSET FT.	SIDE RT/LT	SUBTOTALS
IVANHOE	PR IVANHOE	292+02.77	23.0	LT	39.1
IVANHOE	PR IVANHOE	293+05.02	22.5	LT	47.3
IL 137	EX IL 137	806+85.00	26.6	RT	293.2
IL 137	EX IL 137	807+13.30	916.4	RT	916.4
IL 137	EX IL 137	807+41.75	185.4	RT	307.7
IL 83	EX IL 137	810+48.11	49.2	RT	225.8
IL 83	EX IL 137	808+70.15	178.1	RT	143.5
IVANHOE	PR IVANHOE	305+67.71	15.8	RT	47.1
IVANHOE	PR IVANHOE	306+57.17	15.3	RT	46.6
IVANHOE	PR IVANHOE	307+21.75	14.5	RT	44.2
IVANHOE	PR IVANHOE	308+16.30	14.6	RT	49.9
IVANHOE	PR IVANHOE	309+31.68	26.5	RT	75.0
IL 83	PR IL 83	422+45.03	27.3	RT	17.2
IL 83	PR IL 83	422+81.60	22.0	RT	19.1
IL 83	PR IL 83	424+51.09	28.2	LT	19.3
IL 83	PR IL 83	424+84.66	47.2	LT	23.7
IL 83	PR IL 83	424+89.05	104.2	LT	71.7
IL 83	PR IL 83	425+66.72	155.5	LT	64.6

44000600 TOTAL 3,638 SQ FT					
SIDEWALK REMOVAL					
ROAD	ALIGNMENT	STATION FROM	STATION TO	SIDE RT/LT	SUBTOTALS
IL 83	EX IL 137	815+48.10	815+65.95	RT	80.7
IL 83	EX IL 137	816+04.80	817+00.00	RT	455.6
IVANHOE	PR IVANHOE	305+86.19	305+93.92	RT	33.4
IVANHOE	PR IVANHOE	306+31.25	306+39.29	RT	35.3
IVANHOE	PR IVANHOE	307+34.09	307+47.34	RT	85.6
IVANHOE	PR IVANHOE	307+88.48	309+62.64	RT	1077.4
IL 83	EX IL 137	807+37.59	808+45.56	RT	1869.9

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FILE NAME =	USER NAME = garciaz	DESIGNED - AG	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 2.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SCHEDULE OF QUANTITIES 8			
SCALE: N.T.S.	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	43
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

44004250 TOTAL 1,134 SQ YD						
PAVED SHOULDER REMOVAL						
ROAD	ALIGNMENT	STA FROM	STA TO	SIDE RT/LT	AREA SQ FT	SUBTOTALS
IL 137	EX IL 137	791+00.00	791+33.52	RT	123.8	13.8
IL 137	EX IL 137	791+33.52	797+53.81	RT	2375.0	263.9
IL 137	EX IL 137	798+90.14	806+34.65	RT	3045.6	338.4
ATKINSON	PR IL 83	431+99.59	437+01.52	RT	2288.9	254.3
ATKINSON	PR IL 83	432+01.53	437+02.82	LT	2175.1	241.7
IL 137	EX IL 137	806+34.65	806+84.57	RT	195.4	21.7

48101600 TOTAL 790 SQ YD							
AGGREGATE SHOULDERS, TYPE B 8"							
ROAD	ALIGNMENT	STA FROM	STA TO	SIDE RT/LT	AREA SQ FT	AREA SQ YD	SUBTOTALS
IL 137	EX IL 137	774+29.56	780+28.64	LT	2,384	265	265
IL 137	EX IL 137	780+84.25	781+44.56	LT	555	62	62
IL 137	EX IL 137	772+34.33	781+44.56	RT	3,643	405	405
IL 83	INTERIM IL 137	605+83.58	607+18.67	LT	526	58	58

48203036 TOTAL 4,708 SQ YD					
HOT-MIX ASPHALT SHOULDERS, 9 3/4"					
ALIGNMENT	STA From	STA To	SIDE RT/LT	AREA SQ.FT.	SUBTOTALS
PR IL 137	175+12.00	185+00.00	LT	9,898	1,100
PR IL 137	175+12.00	185+00.00	RT	9,693	1,077
PR IL 137	185+00.00	190+11.75	LT	5,048	561
PR IL 137	185+00.00	190+11.75	RT	3,163	351
PR IL 83 INTERIM	605+82.97	605+89.16	LT	13	1
PR IVANHOE	294+91.29	294+95.49	LT	30	3
PR IL 83	411+23.00	418+00.00	LT	6,713	746
PR IL 83	411+23.00	417+22.56	RT	5,919	658
PR IL 83	418+00.00	419+96.71	LT	1,897	211

50105220 TOTAL 925 FOOT				
PIPE CULVERT REMOVAL				
STATION FROM	OFFSET	STATION TO	SIDE RT/LT	SUBTOTALS
793+45.74	24	LT	LT	65.0
796+70.60	42	LT	LT	20.3
435+00.00	35	RT/LT	RT/LT	87.9
807+69.51	47	LT	LT	251.7
425+05.45	36	LT	LT	19.1
424+82.14	105	LT	LT	119.2
284+68.22	41	LT	LT	42.4
285+87.57	32	LT	LT	13.5
286+90.53	21	LT	LT	23.7
288+59.25	21	LT	LT	18.0
303+16.38	25	LT	LT	118.3
303+23.49	22	LT	LT	23.4
304+55.24	21	LT	LT	56.1
306+10.80	19	LT	LT	66.2

55100400 TOTAL 205 FOOT							
STORM SEWER REMOVAL 10"							
ALIGNMENT	STATION FROM	OFFSET	DIRECTION	STATION TO	OFFSET	DIRECTION	SUBTOTALS
INTIL-137	601+52	37.3	LT	603+55	5.789	RT	204.9

55100500 TOTAL 329 FOOT							
STORM SEWER REMOVAL 12"							
ALIGNMENT	STATION FROM	OFFSET	DIRECTION	STATION TO	OFFSET	DIRECTION	SUBTOTALS
INTIL-137	603+60	6.8	RT	605+85	28	RT	222.9
INTIL-137	605+88	27	RT	605+89	50	LT	77
PR IL83	436+27	31.5	LT	436+38	32.4	LT	9.9
PR IL83	436+41	32.47	LT	436+57	32.3	LT	15.2
PR IL83	436+59	33.7	LT	436+58	37.5	LT	3.8

55101400 TOTAL 655 FOOT							
STORM SEWER REMOVAL 30"							
ALIGNMENT	STATION FROM	OFFSET	DIRECTION	STATION TO	OFFSET	DIRECTION	SUBTOTALS
EX IL -137	816+99	50.2	LT	819+44	56.4	LT	198
PR II 83	427+09	210.7	r+	428+38	10.3	r+	227.4
PR II 83	428+38	10.3	r+	428+52	218.7	LT	229.9

55101600 TOTAL 16 FOOT							
STORM SEWER REMOVAL 36"							
ALIGNMENT	STATION FROM	OFFSET	DIRECTION	STATION TO	OFFSET	DIRECTION	SUBTOTALS
IVANHOE	308+18	6	LT	308+18	22.2	LT	16

60250200 TOTAL 1 EACH							
CATCH BASINS TO BE ADJUSTED							
STATION	OFFSET	DIRECTION	ALIGNMENT	ROAD	EX RIM	PR RIM	SUBTOTALS
816+98.55	28	RT	EX IL 137	IL 83/IL 137	793.26	793.43	1

60255500 TOTAL 2 EACH							
MANHOLES TO BE ADJUSTED							
STATION	OFFSET	DIRECTION	ALIGNMENT	ROAD	EX RIM	PR RIM	SUBTOTALS
307+81.94	18	LT	PR IVANHOE	IVA	790.82	791.54	1
308+15.11	17	LT	PR IVANHOE	IVA	790.72	791.04	1

60260100 TOTAL 1 EACH							
INLETS TO BE ADJUSTED							
STATION	OFFSET	DIRECTION	ALIGNMENT	ROAD	EX RIM	PR RIM	SUBTOTALS
816+89.49	25	RT	EX IL-137	IL 137	793.07	793.23	1

60500040 TOTAL 5 EACH							
REMOVING MANHOLES							
STATION	OFFSET	DIRECTION	ALIGNMENT	ROAD	EX RIM	PR RIM	SUBTOTALS
435+00.00	32	LT	PR IL 83	ATK			1
436+59.27	32	LT	PR IL 83	ATK			1
812+60.67	25	RT	EX IL 137	IL 83/IL 137			1
808+26.08	168	RT	EX IL 137	IL 83/IL 137			1
808+37.85	166	RT	EX IL 137	IL 83/IL 137			1

60500050 TOTAL 14 EACH							
REMOVING CATCH BASINS							
STATION	OFFSET	DIRECTION	ALIGNMENT	ROAD	EX RIM	PR RIM	SUBTOTALS
807+08.33	113	RT	EX IL 137	IL 83/IL 137			1
808+72.68	124	RT	EX IL 137	IL 83/IL 137			1
813+84.08	165	RT	EX IL 137	IL 83/IL 137			1
814+04.00	56	RT	EX IL 137	IL 83/IL 137			1
814+54.54	162	RT	EX IL 137	IL 83/IL 137			1
814+70.98	26	RT	EX IL 137	IL 83/IL 137			1
814+91.83	61	RT	EX IL 137	IL 83/IL 137			1
815+04.08	175	RT	EX IL 137	IL 83/IL 137			1
308+20.74	23	RT	IVANHOE RD	IVA			1
308+25.71	17	LT	IVANHOE RD	IVA			1
284+47.02	13	LT	IVANHOE RD	IVA			1
807+22.00	222	RT	EX IL 137	IL 83/IL 137			1
428+38.14	10	RT	PR IL 83	ATK			1
427+08.54	211	RT	PR IL 83	PR IL 83			1

60500060 TOTAL 2 EACH							
REMOVING INLETS							
STATION	OFFSET	DIRECTION	ALIGNMENT	ROAD	EX RIM	PR RIM	SUBTOTALS
436+25.72	31	LT	PR IL 83	ATK			1
436+39.51	33	LT	PR IL 83	ATK			1

60600095 TOTAL 16 CU YD						
CLASS SI CONCRETE (OUTLET)						
ROAD	STATION FROM	STATION TO	SIDE RT/LT	EX RIM	PR RIM	SUBTOTALS
IL 137	190+11.82	190+35.82	LT			3.50
IL 137	190+11.82	190+35.82	RT			3.20
INTERIM IL 83	605+58.97	605+82.97	LT			3.50
IVANHOE	294+86.59	294+91.29	LT			2.47
IL 83	419+96.71	420+20.71	LT			3.65

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70303100 TOTAL 148 SQ FT					
TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE					
ROAD	STATION	OFFSET	SHAPE	AREA SQ FT	SUBTOTALS
STAGE I SUB-STAGE A					
IL 137	806+14.63	4.1	ONLY	20.8	21
IL 137	806+31.04	4.3	LT ARROW	15.6	16
IL 137	807+40.93	3.3	RR X	75.3	75
IL 137	808+46.33	3.4	ONLY	20.8	21
IL 137	808+63.15	3.4	LT ARROW	15.6	16

70303120 TOTAL 21,673 FOOT								
TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE								
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH	COLOR	TYPE	SUBTOTALS
STAGE I SUB-STAGE A								
IL 137	774+47.86	-14.1	791+34.83	-11.0	1,695	WHITE	1	1,695
IL 137	776+57.60	-13.5	791+34.22	0.0	1,482	YELLOW	2	2,964
IL 137	780+58.71	-13.2	791+33.61	11.0	1,084	WHITE	1	1,084
IL 137	791+34.83	-11.0	806+34.67	-13.3	1,500	WHITE	1	1,500
IL 137	791+34.22	0.0	792+69.96	0.8	130	YELLOW	2	261
IL 137	792+64.52	0.6	797+85.18	7.6	523	YELLOW	2	1,046
IL 137	792+69.96	0.8	797+85.18	7.6	516	YELLOW	2	1,032
IL 137	791+33.61	11.0	806+34.65	19.7	1,500	WHITE	1	1,500
IL 137	799+21.75	5.9	805+84.76	-2.2	665	YELLOW	2	1,330
IL 137	799+21.75	5.9	805+79.82	-2.0	655	YELLOW	2	1,310
IL 137	805+84.76	-2.2	806+34.66	-2.3	50	YELLOW	2	100
IL 137	806+34.67	-13.3	808+02.47	-62.8	218	WHITE	1	218
IL 137	806+34.66	-2.3	808+75.18	-2.5	241	YELLOW	2	481
IL 137	806+34.65	19.7	808+76.10	19.5	241	WHITE	1	241
STAGE I SUB-STAGE B								
IL 137	197+92.82	-26.1	200+00.00	-73.5	213	WHITE	1	213
IL 137	198+24.13	-21.1	200+00.00	-62.4	181	YELLOW	2	362
IL 137	198+51.02	-19.4	200+00.00	-59.2	154	YELLOW	2	309
IL 137	199+03.89	-19.0	200+00.00	-40.1	98	WHITE	1	98
IL 137	200+00.00	-73.5	201+71.64	-132.2	217	WHITE	1	217
IL 137	200+00.00	-62.4	202+41.49	-74.0	242	YELLOW	2	484
IL 137	200+00.00	-59.2	200+45.65	-68.4	47	YELLOW	2	93
STAGE I SUB-STAGE C								
IL 137	198+62.84	-19.0	200+00.00	-51.2	114	YELLOW	2	228
IL 137	806+34.65	21.9	812+42.06	-3.8	608	YELLOW	2	1,216
IL 137	807+77.62	-0.6	817+00.00	-12.0	922	YELLOW	2	1,845
EX IL-137	807+77.61	-11.6	817+00.00	-23.0	923	WHITE	1	923
EX IL-137	807+77.65	21.4	817+00.00	-1.0	923	WHITE	1	923

70303130 TOTAL 643 FOOT								
TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE								
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH FEET	COLOR	TYPE	SUBTOTALS
STAGE I SUB-STAGE A								
IL 137	803+60.10	8.9	805+79.72	8.7	220	WHITE	0.25	55
IL 137	805+79.72	8.7	806+34.66	8.7	55	WHITE	1	55
IL 137	806+34.66	8.7	808+75.22	8.5	240	WHITE	1	240
STAGE I SUB-STAGE B								
IL 137	198+43.31	6.0	199+86.15	-51.2	154	WHITE	0.25	38
IL 137	199+86.15	-51.2	200+00.00	-57.4	14	WHITE	1	14
IL 137	200+00.00	-57.4	202+40.37	-62.9	241	WHITE	1	241

70303160 TOTAL 371 FOOT								
TEMPORARY PAVEMENT MARKING - LINE 12" - MODIFIED URETHANE								
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH FEET	COLOR	TYPE	SUBTOTALS
STAGE I SUB-STAGE A								
IL 137	792+69.96	0.8	797+85.18	7.6	77.67	YELLOW	DIAGONAL	78
IL 137	799+21.75	5.9	805+79.82	-2.0	111.17	YELLOW	DIAGONAL	111
STAGE I SUB-STAGE B								
IL 137	198+41.74	-20.0	199+98.52	-60.6	9.42	YELLOW	DIAGONAL	9
STAGE I SUB-STAGE C								
IL 137	804+78.03	53.0	812+42.06	-3.8	172.85	YELLOW	DIAGONAL	173

70303210 TOTAL 22 FOOT								
TEMPORARY PAVEMENT MARKING - LINE 24" - MODIFIED URETHANE								
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH FEET	COLOR	TYPE	SUBTOTALS
STAGE I SUB-STAGE A								
IL 137	808+82.00	-3.3	808+82.00	20.1	11	WHITE	1	11
IL 137	202+40.35	-53.7	202+40.35	-64.7	11	WHITE	1	11

70400100 TOTAL 2,875 FOOT								
TEMPORARY CONCRETE BARRIER								
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH FEET	PROPOSED LENGTH	RELOCATED LENGTH	SUBTOTALS
STAGE I SUB-STAGE A								
IL 137	174+11.91	2.2	202+77.27	-43.0	2,870	2,875		2,875
STAGE I SUB-STAGE B								
IL 137	173+77.41	-21.5	194+77.04	-22.8	2,102	2,112.5	2,112.5	0
STAGE I SUB-STAGE C								
IL 137	173+77.41	-21.5	190+45.64	-21.0	1,671	1,675	1,675	0
IL 137	201+48.97	-41.56	607+30.10	14.78	1,059	1,062.5	1,062.5	0
STAGE II								
IL 137	173+77.41	-21.5	190+45.64	-21.0	1,671	1,675	0	0

70400200 TOTAL 3,163 FOOT								
RELOCATE TEMPORARY CONCRETE BARRIER								
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH FEET	PROPOSED LENGTH	RELOCATED LENGTH	SUBTOTALS
STAGE I SUB-STAGE A								
IL 137	174+11.91	2.2	202+77.27	-43.0	2,870	2,875		
STAGE I SUB-STAGE B								
IL 137	173+77.41	-21.5	194+77.04	-22.8	2,102	2,112.5	2,112.5	2,112.5
STAGE I SUB-STAGE C								
IL 137	189+45.16	-15.0	190+45.64	-21.0	101	100	100	100
IL 137	201+49.00	-41.56	606+22.16	0.15	950	950.0	950.0	950.0
STAGE II								
IL 137	173+77.41	-21.5	190+45.64	-21.0	1,671	1,675	0	

70600250 TOTAL 4 EACH					
IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3					
ROAD	STATION	OFFSET	PROPOSED	RELOCATE	SUBTOTALS
STAGE I SUB-STAGE A					
IL 137	174+11.91	2.2	1		1
IL 137	202+77.27	-43.0	1		1
STAGE I SUB-STAGE B					
IL 137	173+77.41	-21.5		1	0
IL 137	194+77.04	-22.7		1	0
STAGE I SUB-STAGE C					
IL 137	173+77.41	-21.5	TO REMAIN FROM STAGE I SUB-STAGE B		
IL 137	190+45.64	-21.0	1		0
IL 137	201+48.97	-41.6	1		1
IL 137	606+22.16	0.2	1		1
STAGE II					
IL 137	173+77.41	-21.5	TO REMAIN FROM STAGE I SUB-STAGE C		
IL 137	190+45.64	-21.0	TO REMAIN FROM STAGE I SUB-STAGE C		

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FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - AG	REVISED -
#FILES#		DRAWN - AG	REVISED -
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 2.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SCHEDULE OF QUANTITIES 11

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	46
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

78200020									TOTAL	190	EACH
CURB REFLECTORS											
ROAD	ALIGNMENT	STA FROM	OFFSET	STA TO	OFFSET	LENGTH FT	SPACING FT	SUBTOTALS			
ONE-WAY AMBER MARKER											
IL 83	PR IL 137	194+27.00	5.0	196+27.00	-8.0	200.4	20	11			
IL 83	PR IL 137	196+27.00	-8.0	202+97.29	-8.0	670.3	40	17			
IL 83	PR IL 137	194+27.00	8.0	203+82.68	8.0	955.7	40	24			
IL 83	PR IL 137	202+97.29	-8.0	203+83.14	0.0	86.0	20	5			
IL 83	PR IL 137	203+83.14	NOSE			4.3	2	3			
IL 83	PR IL 83	420+21.26	NOSE			13.3	2	7			
IL 83	PR IL 83	420+28.00	7.7	421+15.06	9.4	87.1	20	5			
IL 83	PR IL 83	420+28.00	-6.1	421+15.22	-6.5	87.3	20	5			
IL 83	PR IL 83	421+16.32	NOSE			17.0	2	9			
IL 83	PR IL 83	421+48.58	NOSE			18.1	2	10			
IL 83	PR IL 83	421+58.07	10.3	422+43.00	11.9	84.0	20	5			
IL 83	PR IL 83	421+58.24	-6.5	422+43.00	-6.5	85.2	20	5			
IL 83	PR IL 83	422+43.00	NOSE			20.8	2	11			
IL 83	PR IL 83	429+15.53	NOSE			13.9	2	7			
IL 83	PR IL 83	429+22.53	7.5	430+57.59	7.5	135.1	20	7			
IL 83	PR IL 83	429+22.53	-6.5	430+57.59	-6.5	135.1	20	7			
IL 83	PR IL 83	430+58.48	NOSE			13.9	2	7			
IL 83	PR IL 83	431+00.71	NOSE			13.9	2	7			
IL 83	PR IL 83	431+08.69	7.5	431+73.62	7.5	64.9	20	4			
IL 83	PR IL 83	431+08.69	-6.5	431+73.62	-6.5	64.9	20	4			
IL 83	PR IL 83	431+73.62	NOSE			13.9	2	7			
ONE-WAY CRYSTAL MARKER											
IL 83	PR IL 83	431+56.65	NOSE			3.4	2	2			
IL 83	PR IL 83	431+58.55	-34.5	431+98.91	-34.5	40.4	10	5			
IL 83	PR IL 83	432+01.02	NOSE			3.6	2	2			
IL 83	PR IL 83	432+01.91	-37.5	432+02.32	-81.3	43.8	10	5			
IL 83	PR IL 83	432+00.87	NOSE			3.5	2	2			
IL 83	PR IL 83	431+57.38	-38.1	431+98.62	-82.4	61.1	10	7			

78300200									TOTAL	309	EACH
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL											
ROAD	STA FROM	OFFSET	STA TO	OFFSET	LENGTH FT	SPACING FT	ADJ FT	SUBTOTALS			
IL 137	772+34.25	0.0	790+32.29	0.0	1798.0	80	2	45			
IL 137	790+32.29	0.0	791+52.29	0.0	120.0	40	2	6			
IL 137	791+52.29	0.0	797+21.55	0.0	569.3	40	1	15			
IL 137	791+52.29	0.0	797+41.89	12.0	589.6	40	1	15			
IL 137	797+21.55	0.0	797+41.89	12.0	20.3	4	1	6			
IL 137	794+79.83	19.7	797+45.16	24.5	265.3	40	1	7			
IL 137	798+74.61	0.6	800+60.41	0.3	185.8	40	1	5			
IL 137	798+74.48	12.0	808+75.00	0.0	1000.5	40	2	51			
IL 137	806+30.00	12.0	808+75.00	12.0	245.0	40	1	7			
IL 83	810+06.47	-12.0	813+04.14	-11.0	297.7	40	1	8			
IL 83	810+04.19	0.4	812+16.18	0.5	212.0	40	1	6			
IL 83	810+04.19	0.4	811+00.52	12.7	96.3	4	1	25			
IL 83	811+00.52	12.7	812+16.18	0.5	115.7	40	1	3			
IL 83	812+16.18	0.5	813+36.18	0.5	120.0	40	2	6			
IL 83	813+36.18	0.5	817+00.00	0.8	363.8	80	2	10			
IL 83	812+35.36	12.6	817+00.00	13.0	464.6	80	2	12			
IL 83/IVANHOE					2663.0	80	2	67			
IVANHOE	297+87.51	0.3	309+50.24	0.3	1162.7	80	1	15			

78300202									TOTAL	5,302	SQ FT
PAVEMENT MARKING REMOVAL - WATER BLASTING											
ALIGNMENT	STATION	OFFSET	STATION	OFFSET	LENGTH FT	WIDTH INCH	TYPE	SUBTOTALS			
PR IL 83	437+02.00	18.5	449+00.00	17.5	1,212	6	1	606			
PR IL 83	437+01.00	42.5	445+77.39	18.5	312	12	DIAGONAL	312			
PR IL 83	437+02.35	7.1	449+00.00	6.0	1,217	4	2	811			
PR IL 83	437+17.01	6.5	449+00.00	-6.0	1,182	4	2	788			
PR IL 83	437+87.82	3.9	449+00.00	0.0	219	12	DIAGONAL	219			
PR IL 83	437+02.81	-6.9	439+94.61	-6.2	289	6	0.25	36			
PR IL 83	437+03.22	-19.3	440+64.00	-17.0	351	6	1	176			
STAGE I SUB-STAGE A											
EX IL 137	772+34.25	13.0	781+44.56	12.5	910	4	1	303			
EX IL 137	772+34.25	-0.1	781+44.56	0.4	911	4	2	607			
STAGE I SUB-STAGE C											
EX IL 137	772+34.25	-12.1	781+44.57	-11.5	914	4	1	305			
EX IL 137	817+00.00	-23.6	823+47.09	-32.9	647	4	1	216			
EX IL 137	817+00.00	-11.7	823+15.52	-18.0	616	4	0.25	51			
EX IL 137	817+00.00	0.5	817+63.57	0.9	64	4	2	42			
EX IL 137	817+63.57	0.9	821+29.52	-8.8	366	4	2	244			
EX IL 137	817+63.57	0.9	821+29.52	-8.8	366	4	2	244			
EX IL 137	818+01.63	12.9	823+85.73	13.0	584	4	0.25	49			
EX IL 137	821+29.52	-8.8	823+87.88	-9.7	258	4	2	172			
EX IL 137	821+45.96	1.9	823+87.13	1.4	241	6	1	121			

70300150				TOTAL	22,779	SQ FT
SHORT TERM PAVEMENT MARKING REMOVAL						
PAY ITEM	LENGTH FT	WIDTH INCH	SUBTOTALS			
TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE			805			
TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	50,810	4	16,937			
TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	2,591	6	1,296			
TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	634	8	423			
TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	2,324	12	2,324			
TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	135	24	270			
SHORT TERM PAVEMENT MARKING	2,176	4	725			

X2300024									TOTAL	2	EACH
SWING GATE REMOVAL											
ROAD	STA FROM	OFFSET	STA TO	OFFSET	LENGTH FT	SUBTOTALS					
IL 83	422+44.23	48.9	422+84.52	44.5	43.4	1.0					
IL 83	424+57.83	-8.8	424+92.25	-24.9	44.2	1.0					

X0323265							TOTAL	43	SQ YD
REMOVE EXISTING RIPRAP									
ROAD	STA FROM	OFFSET	STA TO	OFFSET	AREA SQ FT	SUBTOTALS			
ATKINSON	436+60.23	-27.7	437+02.41	-27.4	387.4	43.0			

X2501800							TOTAL	13.50	ACRE
SEEDING, CLASS 4 (MODIFIED)									
STATION FROM	STATION TO	ALIGNMENT	SIDE RT/LT	ROAD	AREA SQ FT	SUBTOTALS			
775+72.60	173+95.45	EX/PR IL 137	LT	IL 137	13,307	0.31			
174+58.35	185+00.00	PR IL 137	LT	IL 137	38,775	0.89			
173+66.36	185+00.00	PR IL 137	RT	IL 137	74,218	1.70			
185+00.00	191+18.52	PR IL 137	LT	IL 137/IL 83	35,193	0.81			
185+00.00	191+38.04	PR IL 137	RT	IL 137/ATKINSON	34,229	0.79			
192+23.69	200+00.00	PR IL 137	RT	IL 137/ATKINSON	49,521	1.14			
192+22.54	200+00.00	PR IL 137	LT	IL 137/IL 83	45,711	1.05			
430+69.28	428+00.00	PR IL 83	RT	IL 83	39,580	0.91			
430+67.36	428+00.00	PR IL 83	LT	IL 83	24,156	0.55			
200+00.00	608+83.18	PR IL 83/INTERIM 83	LT	IL 83/INTERIM 83	75,491	1.73			
200+00.00	600+00	PR IL 83/INTERIM 83	RT	IL 83/INTERIM 83	29,053	0.67			
409+00.00	418+00.00	PR IL 83	LT	IL 83	12,615	0.29			
409+00.00	417+06.00	PR IL 83	RT	IL 83	12,802	0.29			
417+78.08	418+00.00	PR IL 83	RT	IL 83	415	0.01			
418+00.00	421+29.53	PR IL 83	LT	IL 83	10,998	0.25			
422+08.98	425+88.92	PR IL 83	LT	IL 83	18,401	0.42			
426+57.10	428+00.00	PR IL 83	LT	IL 83	32,832	0.75			
418+00.00	419+78.81	PR IL 83	RT	IL 83	3,788	0.09			
421+50.88	428+00.00	PR IL 83	RT	IL 83	27,259	0.63			
284+66.03	286+79.18	PR IVANHOE	LT	IVANHOE	6,664	0.15			

X2502024							TOTAL	0.75	ACRE
SEEDING, CLASS 4B (MODIFIED)									
STATION FROM	STATION TO	ALIGNMENT	SIDE RT/LT	ROAD	AREA SQ FT	SUBTOTALS			
774+29.08	776+32.44	EX IL 137	LT	IL 137	2,317	0.05			
185+29.64	187+50.72	PR IL 137	LT	IL 137	5,102	0.12			
284+89.16	286+19.20	PR IVANHOE	LT	IVANHOE	22,001	0.51			

X2511630					TOTAL	100,430	SQ YD
EROSION CONTROL BLANKET (SPECIAL)							
PAY CODE	PAY ITEM	AREA ACRE	AREA SQ YD	SUBTOTALS			
25000210	SEEDING, CLASS 2A	6.5	31,460	31,460			
X2501800	SEEDING, CLASS 4 (MODIFIED)	13.5	65,340	65,340			
X2502024	SEEDING, CLASS 4B (MODIFIED)	0.75	3,630	3,630			

N:\166011-BORDEUR\166011-SCHEDULED\166011-SHT-SCHEDULED12.DGN
 3-02-2023, 13:19:33
 GARCIAAZ

FILE NAME :
 USER NAME : GARCIAAZ
 DESIGNED - AG
 DRAWN - AG
 CHECKED - BRH
 DATE - 01/30/23
 REVISED -
 REVISED -
 REVISED -
 REVISED -
 PLOT SCALE = 2.0000' / 1"

PLOT DATE = 3/2/2023
 exp U.S. Services Inc.
 Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SCHEDULE OF QUANTITIES 14

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	49

CONTRACT NO. 60N11

ILLINOIS FED. AID PROJECT

X4021000		TOTAL	8	EACH
TEMPORARY ACCESS (PRIVATE ENTRANCE)				
ALIGNMENT		SUBTOTALS		
PR IL 83		1		
N. IVANHOE RD.		5		
S. IVANHOE RD.		2		

X4022000		TOTAL	12	EACH
TEMPORARY ACCESS (COMMERCIAL ENTRANCE)				
ALIGNMENT		SUBTOTALS		
PR IL 137		1		
PR IL 83		3		
N. IVANHOE RD.		4		
S. IVANHOE RD.		4		

X4023000		TOTAL	3	EACH
TEMPORARY ACCESS (ROAD)				
ALIGNMENT		SUBTOTALS		
PR IL 83		1		
N. IVANHOE RD.		1		
S. IVANHOE RD.		1		

X4024100		TOTAL	1,866	SO YD
TEMPORARY ACCESS (WINTERIZE)				
ALIGNMENT		SUBTOTALS		
PR IL 137		101.78		
PR IL 83		377.78		
N. IVANHOE RD.		696.89		
S. IVANHOE RD.		689.22		

X4404000		TOTAL	8,063	SO YD			
PARKING LOT PAVEMENT REMOVAL							
ROAD	ALIGNMENT	STATION FROM	STATION TO	SIDE RT/LT	MEASURED SO FT	AREA	SUBTOTALS
IL 137	EX IL 83	806+96.82	808+97.09	RT	23886.9		2654.1
IL 83	EX IL 83	815+48.28	817+00.00	RT	569.9		63.3
IL 83	PR IL 83	422+26.46	422+77.47	RT	1088.2		120.9
IL 83	PR IL 83	422+20.55	426+86.97	RT	47017.6		5224.2

X5538000		TOTAL	450	FOOT
STORM SEWERS TO BE CLEANED 18"				
ALIGNMENT	STATION FROM	OFFSET	DIRECTION	SUBTOTALS
IVANHOE	308+17	23	LT	90
IVANHOE	308+17	23	LT	90
IVANHOE	308+17	23	LT	90
IL-83	427+08	211	RT	180

X6026632		TOTAL	2	EACH
VALVE BOXES TO BE REMOVED				
STATION	OFFSET	SIDE	ALIGNMENT	SUBTOTALS
814+10.50	44.4	RT	EX IL-137	1
814+47.18	42.18	RT	EX IL-137	1

X6061902		TOTAL	3,093	SO FT
CONCRETE MEDIAN, TYPE SM (SPECIAL)				
ROAD	STA FROM	STA TO	SUBTOTALS	
IL 137	188+17.50	190+85.50	802.1	
IL 83	192+40.50	195+62.99	1567.56	
IL 83	429+15.53	429+22.53	77	
IL 83	430+58.48	430+65.48	77	
IL 83	431+00.71	431+07.71	77	
IL 83	431+73.62	431+80.62	77	
IL 83	420+21.26	420+28.00	72.4	
IL 83	421+16.32	421+24.29	99.9	
IL 83	421+48.58	421+56.95	109.6	
IL 83	422+43.00	422+52.25	133.5	

X6640300		TOTAL	275	FOOT	
CHAIN LINK FENCE REMOVAL					
ROAD	STA FROM	OFFSET	STA TO	OFFSET	SUBTOTALS
IL 83	422+30.03	-85.0	424+15.85	-85.0	275.1

70307100		TOTAL	805	SO FT
TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE				
ROAD	STATION FROM	OFFSET	SHAPE	SUBTOTALS
STAGE I SUB-STAGE B				
IL 137	188+16.19	24.8	ONLY	21.4
IL 137	188+32.90	24.6	RT ARROW	15.2
IL 137	190+06.11	24.6	ONLY	21.4
IL 137	190+22.80	24.6	RT ARROW	15.2
IL 137	193+28.80	3.1	LT ARROW	15.2
IL 137	193+45.42	3.0	ONLY	21.4
ATKINSON	433+38.18	-12.7	RT ARROW	15.2
ATKINSON	433+54.41	-12.4	ONLY	21.4
STAGE I SUB-STAGE C				
IL 137	188+15.89	3.6	ONLY	21.4
IL 137	188+15.89	25.1	ONLY	21.4
IL 137	188+32.90	3.6	LT ARROW	15.2
IL 137	188+32.90	25.1	RT ARROW	15.2
IL 137	190+14.25	3.6	ONLY	21.4
IL 137	190+14.25	25.1	ONLY	21.4
IL 137	190+30.96	3.6	LT ARROW	15.2
IL 137	190+30.96	25.1	RT ARROW	15.2
IL 137	194+07.21	-6.7	RR X	75.3
IL 137	823+26.04	-4.6	ONLY	15.2
IL 137	823+42.86	-4.2	LT ARROW	15.2
STAGE III				
IL 137	188+25.77	28.1	ONLY	21.4
IL 137	188+42.68	28.1	RT ARROW	15.2
IL 137	188+25.77	4.2	ONLY	21.4
IL 137	188+42.68	4.2	LT ARROW	15.2
IL 137	189+85.44	6.4	RR X	75.3
IL 137	190+34.13	5.8	ONLY	21.4
IL 137	190+34.13	26.4	ONLY	21.4
IL 137	190+51.06	5.8	LT ARROW	15.2
IL 137	190+51.06	26.4	RT ARROW	15.2
IL 137	192+58.50	-5.3	LT ARROW	15.2
IL 137	192+76.38	-4.6	ONLY	21.4
IL 137	193+60.41	-36.6	RT ARROW	15.2
IL 137	193+76.29	-36.6	ONLY	21.4
IL 137	194+05.55	-36.6	RR X	75.3
IL 137	194+07.57	-6.6	RT ARROW	15.2
IL 137	194+24.38	-6.6	ONLY	21.4

70307120		TOTAL	50,810	FOOT				
TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE								
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH	COLOR	TYPE	SUBTOTALS
STAGE I SUB-STAGE A								
IL 137	772+34.49	-11.1	774+47.86	-14.1	214	WHITE	1	214
IL 137	772+34.25	-0.1	776+57.60	-13.5	424	YELLOW	2	848
IL 137	772+34.33	13.0	780+51.98	-13.2	818	WHITE	1	818
STAGE I SUB-STAGE B								
IL 137	771+30.12	-12.0	185+00.00	-12.3	2,012	WHITE	1	2,012
IL 137	771+27.93	-0.9	180+87.09	4.1	1,591	YELLOW	2	3,181
IL 137	771+97.81	12.1	185+00.00	18.5	1,930	WHITE	1	1,930
IL 137	180+87.09	4.1	185+00.00	-1.3	413	YELLOW	2	826
IL 137	180+87.09	4.1	185+00.00	7.5	413	YELLOW	2	826
IL 137	185+00.00	-12.3	197+92.82	-26.1	1,294	WHITE	1	1,294
IL 137	185+00.00	-1.3	190+45.84	7.3	552	YELLOW	2	1,104
IL 137	185+00.00	7.5	190+45.84	7.3	547	YELLOW	2	1,094
IL 137	185+00.00	18.5	191+40.29	93.4	673	WHITE	1	673
IL 137	192+09.25	95.9	200+00.00	-40.1	842	WHITE	1	842
IL 137	193+00.88	9.6	198+51.02	-19.4	553	YELLOW	2	1,106
IL 137	194+51.93	9.6	198+24.13	-21.1	374	YELLOW	2	748
ATKINSON	433+31.13	-18.5	437+01.00	-19.0	368	WHITE	1	368
ATKINSON	436+15.19	-30.5	437+01.00	-30.5	82	WHITE	1	82
ATKINSON	437+01.00	-19.0	440+64.00	-18.0	355	WHITE	1	355
STAGE I SUB-STAGE C								
IL 137	185+54.02	8.0	188+17.79	-1.9	264	YELLOW	2	528
IL 137	190+11.51	-2.0	190+43.93	-2.0	32	YELLOW	2	65
IL 83	430+78.98	-35.3	432+28.22	-132.1	202	WHITE	1	202
IL 137	198+18.23	-8.6	198+62.93	-19.0	46	YELLOW	2	92
IL 137	192+20.65	83.5	192+80.58	20.6	97	WHITE	1	97
EX IL-137	817+00.00	-23.0	821+34.70	-33.1	435	WHITE	1	435
EX IL-137	817+00.00	-12.0	821+34.67	-9.2	435	YELLOW	2	869
EX IL-137	817+28.26	-11.9	821+34.67	-2.8	407	YELLOW	2	813
EX IL-137	817+00.00	-1.0	821+34.64	24.9	435	WHITE	1	435
EX IL-137	820+48.27	-20.7	821+34.69	-21.1	86	WHITE	0.25	22
EX IL-137	821+34.69	-21.1	823+47.07	-21.9	212	WHITE	0.25	53
EX IL-137	821+34.65	12.9	823+85.73	13.0	254	WHITE	0.25	63
STAGE II								
IL 137	179+54.09	-8.0	182+54.26	-9.0	300	WHITE	1	300
IL 137	179+47.80	13.9	185+53.93	19.0	600	WHITE	1	600
IL 137	179+53.98	3.0	180+86.69	6.3	133	YELLOW	2	266
IL 137	180+86.69	6.3	182+54.59	2.0	168	YELLOW	2	336
IL 137	180+86.69	6.3	185+54.08	8.0	468	YELLOW	2	936
IL 137	194+00.71	9.6	200+00.00	-1.4	600	YELLOW	2	1,199
IL 137	196+23.15	9.6	200+00.00	9.6	377	YELLOW	2	754
IL 137	196+39.42	-12.4	200+00.00	-12.4	361	WHITE	1	361
IL 137	196+39.42	20.6	200+00.00	20.6	361	WHITE	1	361
IL 137	200+00.00	-1.4	602+59.52	6.0	743	YELLOW	2	1,486
IL 137	200+00.00	9.6	602+59.52	6.0	744	YELLOW	2	1,488
IL 137	200+00.00	-12.4	821+34.69	-27.2	1,507	WHITE	1	1,507
IL 137	200+00.00	20.6	821+34.64	24.9	1,506	WHITE	1	1,506
EX IL-137	813+75.55	47.3	821+34.67	-9.5	342	YELLOW	2	685
EX IL-137	813+75.55	47.3	821+34.67	-9.5	342	YELLOW	2	684
EX IL-137	819+11.55	12.3	821+34.65	12.9	223	WHITE	0.25	56
EX IL-137	821+34.69	-27.2	823+47.08	-32.9	213	WHITE	1	213
EX IL-137	821+34.67	-9.5	823+87.87	-10.1	253	YELLOW	2	506
EX IL-137	821+34.65	12.9	823+88.60	13.1	254	WHITE	0.25	63
EX IL-137	821+34.64	24.9	823+20.64	25.1	186	WHITE	1	186
EX IL-137	822+79.90	-22.0	823+47.07	-21.9	67	WHITE	0.25	17
STAGE III								
IL 137	774+99.66	-1.4	185+00.00	6.9	868	YELLOW	2	1,736
IL 137	796+32.24	0.0	185+00.00	-16.9	1,633	YELLOW	2	3,265
IL 137	180+42.14	15.5	185+00.00	17.9	457	WHITE	1	457
IL 137	185+00.00	-16.9	188+08.07	-19.0	308	YELLOW	2	616
IL 137	185+00.00	6.9	188+08.00	0.0	308	YELLOW	2	617
IL 137	185+00.00	17.9	191+40.62	96.3	677	WHITE	1	677
IL 137	188+08.00	-19.0	190+69.15	-19.0	261	YELLOW	1	261
IL 137	188+08.00	0.0	190+85.21	0.0	277	YELLOW	1	277
IL 137	192+40.82	1.0	196+22.58	-16.0	383	YELLOW	1	383
IL 137	193+13.74	19.0	200+00.00	19.0	686	YELLOW	1	686
IL 137	200+00.00	19.0	204+07.48	19.0	407	YELLOW	1	407
IL 137	203+99.65	-16.0	605+27.81	-12.9	611	YELLOW	2	1,222
IL 137	204+01.57	19.0	605+51.94</					

70307130								TOTAL	2,591	FOOT
TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE										
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH	COLOR	TYPE	SUBTOTALS		
STAGE I SUB-STAGE B										
IL 137	185+54.04	19.0	188+19.54	20.0	265	WHITE	0.25	66		
IL 137	188+19.00	20.0	190+43.86	20.0	225	WHITE	1	225		
IL 137	193+00.91	-1.4	194+57.94	-1.4	157	WHITE	1	157		
IL 137	194+57.94	-1.4	196+21.87	-1.4	164	WHITE	0.25	41		
IL 137	198+20.38	-9.1	198+62.93	-19.0	44	WHITE	0.25	11		
STAGE I SUB-STAGE C										
EX IL-137	820+87.83	0.0	821+34.66	0.3	47	WHITE	0.25	12		
EX IL-137	821+34.66	0.3	822+39.80	1.0	105	WHITE	0.25	26		
EX IL-137	822+39.80	1.0	823+87.50	1.1	148	WHITE	1	148		
STAGE II										
EX IL-137	819+21.12	-0.6	821+33.35	0.9	212	WHITE	0.25	53		
EX IL-137	821+33.35	0.9	823+87.50	1.1	254	WHITE	1	254		
STAGE III										
IL 137	185+54.33	8.0	188+08.00	11.0	254	WHITE	0.25	63		
IL 137	185+54.04	19.0	188+07.72	22.0	254	WHITE	0.25	63		
IL 137	188+08.00	11.0	190+85.21	11.0	277	WHITE	1	277		
IL 137	188+07.72	22.0	190+85.21	22.0	277	WHITE	1	277		
IL 137	192+91.78	-29.0	196+56.75	-29.0	365	WHITE	1	365		
IL 137	194+32.00	-16.0	196+22.58	-16.0	190	WHITE	0.25	48		
IL 137	196+57.55	-29.5	198+58.00	-30.0	200	WHITE	1	200		
EX IL-137	819+34.88	-8.8	821+33.35	0.9	199	WHITE	0.25	50		
EX IL-137	821+33.35	0.9	823+87.50	1.1	254	WHITE	1	254		

70307140								TOTAL	634	FOOT
TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE										
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH	COLOR	TYPE	SUBTOTALS		
STAGE I SUB-STAGE B										
IL 137	192+43.00	-16.0	194+33.87	-16.0	191	WHITE	1	191		
IL 137	192+42.00	-10.0	194+33.87	-16.0	190	WHITE	1	190		
IL 137	192+14.11	-29.0	192+91.78	-29.0	78	WHITE	1	78		
IL 83	431+40.62	-31.0	432+06.60	-29.5	106	WHITE	1	106		
IL 83	431+40.62	-31.0	432+08.85	-109.1	69	WHITE	1	69		

70307160								TOTAL	2,324	FOOT
TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE										
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH	COLOR	TYPE	SUBTOTALS		
STAGE I SUB-STAGE B										
IL 137	181+60.10	15.7	184+88.98	28.3	85	WHITE	DIAGONAL	85		
IL 137	183+21.18	3.6	190+44.53	5.1	134	YELLOW	DIAGONAL	134		
IL 137	195+31.97	6.3	198+39.28	-20.8	73	YELLOW	DIAGONAL	73		
ATKINSON	433+23.15	-18.5	437+01.00	-30.5	120	WHITE	DIAGONAL	120		
ATKINSON	437+25.00	-24.5	440+64.00	-18.0	49.20	WHITE	DIAGONAL	49		
STAGE II										
IL 137	185+00.00	18.8	191+13.96	51.9	171	WHITE	DIAGONAL	171		
IL 137	192+67.61	31.5	200+00.00	20.6	176	WHITE	DIAGONAL	176		
IL 137	196+23.15	4.0	200+00.00	4.7	93	YELLOW	DIAGONAL	93		
IL 137	200+00.00	20.6	814+33.48	44.8	200	WHITE	DIAGONAL	200		
IL 137	200+00.00	4.7	602+59.52	6.0	171	YELLOW	DIAGONAL	171		
STAGE III										
IL 137	177+81.18	-1.5	185+00.00	-2.9	217	YELLOW	DIAGONAL	217		
IL 137	185+00.00	-2.9	188+09.00	-9.1	191	YELLOW	DIAGONAL	191		
IL 137	180+54.05	16.0	185+00.00	17.9	89	WHITE	DIAGONAL	89		
IL 137	185+00.00	17.9	187+67.91	37.5	59	WHITE	DIAGONAL	59		
IL 137	192+43.03	-13.1	194+32.00	-16.0	40	WHITE	DIAGONAL	40		
IL 137	204+00.00	0.0	207+70.89	-48.9	456	WHITE	DIAGONAL	456		

70307210								TOTAL	135	FOOT
TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE										
ROAD	STATION FROM	OFFSET	STATION TO	OFFSET	LENGTH	COLOR	TYPE	SUBTOTALS		
STAGE I SUB-STAGE B										
ATKINSON	432+86.50	19.5	432+86.50	6.5	13	WHITE	13			
ATKINSON	432+85.90	-6.5	432+85.90	-33.7	27	WHITE	27			
IL 137	190+43.93	-2.8	190+43.83	31.0	22	WHITE	22			
IL 137	193+00.95	-14.0	193+00.88	9.6	22	WHITE	22			
STAGE II SUB-STAGE C										
IL 137	190+43.93	9.0	190+43.83	-2.0	11	WHITE	11			
IL 137	193+00.88	-10.4	193+00.88	-14.0	4	WHITE	4			
IL83	823+76.44	25.9	823+76.44	10.0	36	WHITE	36			

70400125									TOTAL	1,470	EACH
PINNING TEMPORARY CONCRETE BARRIER											
ROAD	STATION	OFFSET	STATION	OFFSET	LENGTH	BARRIER QTY.	# OF PINS	SUBTOTALS			
STAGE I SUB-STAGE A											
IL 137	174+11.91	2.2	202+77.27	-43.0	2,870	228	684	684			
FIRST & LAST SECTION OF SETUP											
								12			
STAGE I SUB-STAGE B											
IL 137	173+77.41	-21.5	194+77.04	-22.8	2,102	167	501	501			
FIRST & LAST SECTION OF SETUP											
								12			
STAGE I SUB-STAGE C											
IL 137	189+45.16	-15.0	190+45.64	-21.0	100	8	27	27			
IL 137	201+49.00	-41.56	606+22.16	0.15	950	74	222	222			
FIRST & LAST SECTION OF SETUP											
								12			

XZ127900					TOTAL	754	FOOT
RETAINING WALL REMOVAL							
ROAD	STA FROM	OFFSET	STA TO	OFFSET	SUBTOTALS		
IL 137	808+69.97	47.1	809+13.41	46.2	143.5		
CONCRETE BLOCK WALL							
IL 83	421+53.25	85.0	422+18.51	64.4	73.1		
IL 83	425+46.21	-24.0	428+78.87	-165.8	537.3		

Z0000100								TOTAL	1	EACH
ABANDON EXISTING CULVERT										
STATION FROM	OFFSET FROM	SIDE RT/LT	STATION TO	OFFSET TO	SIDE RT/LT	ALIGNMENT	LENGTH FT	SUBTOTALS		
190+04	112	LT	190+04.37	265	LT	PR IL 137	155.0	1.0		

Z0004530					TOTAL	518	SQ YD
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"							
ROAD	STA	SIDE RT/LT	AREA SQ.FT.	SUBTOTALS			
IVANHOE	292+89.51	RT	270.8	30.1			
IVANHOE	293+12.90	RT	291.6	32.4			
IVANHOE	303+34.00	LT	419.7	46.6			
IVANHOE	304+61.25	LT	824.6	91.6			
IVANHOE	304+99.00	LT					
IVANHOE	306+23.21	LT	417.0	46.3			
IVANHOE	306+66.81	LT	370.6	41.2			
IVANHOE	308+10.08	LT	627.9	69.8			
IVANHOE	308+69.71	LT	693.6	77.1			
IVANHOE	286+97.84	LT	389.1	43.2			
IVANHOE	288+66.00	LT	359.5	39.9			

Z0004538					TOTAL	1,531	SQ YD
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"							
ROAD	STA	SIDE RT/LT	AREA (from Microstation) SQ.FT.	SUBTOTALS			
IVANHOE	306+12.65	RT	1360.4	151.2			
IVANHOE	307+67.56	RT	1514.8	168.3			
INTERIM IL 83	604+72.17	RT	730.0	81.1			
IL 83	417+53.40	RT	2265.7	251.7			
IL 83	422+63.91	RT	1230.7	136.7			
IL 83	426+09.28	RT	1289.5	143.3			
IVANHOE	284+44.14	LT	4454.0	494.9			
IVANHOE	286+65.00	RT	938.4	104.3			

Z0007601					TOTAL	1	L SUM
BUILDING REMOVAL NO. 1							
BUSINESS NAME	ROUTE	STA	OFFSET	SUBTOTALS			
MAXIM MOTORS	EX IL-137	807+75	RT	1			

Z0018500					TOTAL	4	EACH
DRAINAGE STRUCTURES TO BE CLEANED							
ALIGNMENT	STATION	OFFSET	DIRECTION	SUBTOTALS			
IVANHOE	308+17.00	23	LT	1			
INTIL-137	608+33.00	28	RT	1			
INTIL-137	608+33.00	56	LT	1			
IL-83	427+08	211	RT	1			

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	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.	TO	STA.	TO

SCHEDULE OF QUANTITIES 16			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	51
				CONTRACT NO. 60N11
ILLINOIS FED. AID PROJECT				

Z0036200							TOTAL	459	FOOT
PAINT CURB									
ROAD	STA FROM	OFFSET	STA TO	OFFSET	LENGTH FT		SUBTOTALS		
IL 83	429+90.53	-3.9	430+57.59	-3.9	67.1		67.1		
IL 83	431+08.69	4.9	431+73.62	4.9	64.9		64.9		
IL 83	431+57.28	CORNER ISLAND			155.8		155.8		
IL 83	420+28.00	-3.5	421+15.22	-3.9	87.3		87.3		
IL 83	421+58.12	7.6	422+43.00	9.4	84.0		84.0		

56400300						TOTAL	3	EACH
FIRE HYDRANTS TO BE ADJUSTED								
ALIGNMENT	STATION	OFFSET	SIDE	EXISTING RIM ELEVATION (FT)	PROPOSED RIM ELEVATION (FT)		SUBTOTALS	
IVANHOE	290+44.29	28.2	RT	808.8	807.1	1		
IVANHOE	293+46.56	22.5	RT	808.2	807.8	1		
IVANHOE	309+28.97	30.5	RT	791.2	791.6	1		

X5509910					TOTAL	3	EACH
ABANDON AND FILL EXISTING SANITARY MANHOLE							
ALIGNMENT	STATION	OFFSET	SIDE		SUBTOTALS		
IVANHOE	296+55.10	61.5	RT		1		
EX IL 83	297+07.86	24.7	RT		1		
IVANHOE	299+08.02	31.4	RT		1		

Z0062456							TOTAL	7,295	SQ YD
TEMPORARY PAVEMENT									
ROAD	STA FROM	OFFSET	STA TO	OFFSET	AREA SQ. FT.		SUBTOTALS		
PRE-STAGE									
IL 137	774+29.16	-17.75	789+18.74	-19.00	28635.0		3181.7		
IL 137	808+05.22		809+57.51		749.9		83.3		
STAGE I SUB-STAGE A									
IL 137	772+34.34	17.83	781+44.61	16.69	3765.0		418.3		
IL 137	794+50.08	56.79	797+19.02	63.86	802.0		89.1		
IL 137	798+76.05	80.34	809+41.63	81.22	13338.0		1482.0		
IL 137	803+60.10	35.88	808+43.64	26.95	10204.7		1133.9		
IVANHOE RD	284+63.00	25.00	287+00.00	12.78	4677.4		519.7		
STAGE I SUB-STAGE B									
IL 137	798+49.33	-10.82	799+06.47	40.09	1367.2		151.9		
IL 83	815+40.71	-29.99	818+29.35	-34.38	1155.2		128.4		
STAGE I SUB-STAGE C									
IL 137	203+07.00	0.00	203+86.67	0.00	962.0		106.9		

56400500						TOTAL	3	EACH
FIRE HYDRANTS TO BE REMOVED								
ALIGNMENT	STATION	OFFSET	SIDE				SUBTOTALS	
EX IL-83	814+22.36	30.7	RT			1		
IL 83	422+23.29	25.4	RT			1		
IL 83	424+10.33	14.2	LT			1		

X6026050						TOTAL	10	EACH
SANITARY MANHOLES TO BE ADJUSTED								
ALIGNMENT	STATION	OFFSET	SIDE	EXISTING RIM ELEVATION (FT)	PROPOSED RIM ELEVATION (FT)		SUBTOTALS	
IVANHOE	291+77.89	27.8	LT	808.0	807.3	1		
IVANHOE	301+98.52	20.3	LT	797.5	797.5	1		
IVANHOE	303+10.96	29.0	RT	796.0	796.2	1		
IVANHOE	305+17.16	21.1	LT	792.7	793.2	1		
IVANHOE	308+29.18	19.8	LT	790.5	791.1	1		
IVANHOE	309+64.21	12.7	LT	791.4	791.2	1		
IL 83	413+48.96	41.4	LT	798.8	797.5	1		
IL 83	424+42.87	85.6	LT	800.9	801.3	1		
IVANHOE	289+57.28	29.0	LT	806.1	805.4	1		
IVANHOE	287+67.33	28.5	LT	804.4	804.6	1		

X2010402							TOTAL	3	ACRE
STUMP REMOVAL, ACRES									
ALIGNMENT	STATION FROM	OFFSET FT.	STATION TO	OFFSET FT.	SIDE RT/LT		SUBTOTALS		
EX IL 137	785+00.00	23.7	791+00.00	25.5	RT		0.99		
PR IVANHOE	290+00.00	22.5	291+21.79	31.9	LT		0.03		
PR IVANHOE	299+27.70	33	304+36.60	33	RT		0.14		
PR IL 83	410+34.44	26.1	413+84.59	26.1	RT		0.14		
PR IL 83	410+60.53	21.5	418+00.00	21.5	LT		0.60		
PR IL 83	417+71.71	50	418+00.00	60	RT		0.01		
PR IL 83	418+00.00	50	420+05.00	18.8	RT		0.13		
PR IL 83	418+00.00	21.5	421+29.44	92.9	LT		0.44		
PR IL 83	422+96.42	31.3	424+40.92	16.9	RT		0.08		
PR IVANHOE	283+51.87	112.62	287+29.75	32.7	LT/RT		0.37		
PR IVANHOE	288+73.45	20.5	290+00.00	22.5	LT		0.03		

60265700						TOTAL	4	EACH
VALVE VAULTS TO BE ADJUSTED								
ALIGNMENT	STATION	OFFSET	SIDE	EX ELEV	PROP ELEV		SUBTOTALS	
IVANHOE	305+55.60	27.2	RT	794.4	794.3	1		
IVANHOE	309+38.35	34.8	RT	791.2	791.7	1		
IVANHOE	288+91.83	24.5	RT	805.6	804.7	1		
IVANHOE	298+25.92	25.1	RT	803.5	804.3	1		

X6026051						TOTAL	3	EACH
SANITARY MANHOLES TO BE RECONSTRUCTED								
ALIGNMENT	STATION	OFFSET	SIDE	EXISTING RIM ELEVATION (FT)	PROPOSED RIM ELEVATION (FT)		SUBTOTALS	
IL 83	413+35.45	32.5	LT	799.2	795.4	1		
IL 83	420+81.63	43.2	LT	800.3	807.2	1		
IL 83	422+50.10	33.5	LT	803.3	808.1	1		

60266100						TOTAL	1	EACH
VALVE VAULTS TO BE RECONSTRUCTED								
ALIGNMENT	STATION	OFFSET	SIDE	EXISTING RIM ELEVATION (FT)	PROPOSED RIM ELEVATION (FT)		SUBTOTALS	
IVANHOE	285+04	21.4	LT	801.6	805.5	1		

X2010400							TOTAL	530	UNIT
STUMP REMOVAL ONLY									
ROAD	STATION	OFFSET (FT.)	SIDE RT/LT	SURVEY INCHES	DIAMETER INCHES		SUBTOTALS		
EX IL 137	806+78.21	95	RT	6			10		
EX IL 137	809+28.74	112	RT	12			16		
EX IL 137	809+36.71	111	RT	12			16		
EX IL 137	809+44.95	107	RT	15			19		
EX IL 137	809+86.81	90	RT	15			19		
EX IL 137	809+93.25	95	RT	15			19		
EX IL 137	809+95.17	96	RT	12			16		
EX IL 137	811+58.23	81	RT	10			14		
PR IVANHOE	300+08.67	34	LT	8			12		
PR IVANHOE	300+26.41	31	LT	6			10		
PR IVANHOE	300+46.68	30	LT	6			10		
PR IVANHOE	304+88.22	26	LT	24			28		
PR IVANHOE	306+47.87	27	LT	12			16		
PR IVANHOE	306+57.52	31	LT	20			24		
PR IVANHOE	306+82.12	29	LT	12			16		
PR IVANHOE	307+05.52	30	LT	24			28		
PR IVANHOE	307+67.25	27	LT	36			40		
PR IVANHOE	309+58.40	40	LT	15			19		
PR IVANHOE	308+02.63	39	RT	10			14		
PR IVANHOE	308+13.60	38	RT	10			14		
PR IL 83	414+46.29	32	RT	24			28		
PR IL 83	416+41.91	47	RT	6			10		
PR IL 83	416+73.90	49	RT	6			10		
TREE GROWTH SINCE SURVEY (30%)								122	

60266600						TOTAL	1	EACH
VALVE BOXES TO BE ADJUSTED								
ALIGNMENT	STATION	OFFSET	SIDE	EXISTING RIM ELEVATION (FT)	PROPOSED RIM ELEVATION (FT)		SUBTOTALS	
IVANHOE	293+63.80	20.6	RT	808.0	807.6	1		

60500405					TOTAL	3	EACH	
FILLING VALVE VAULTS								
ALIGNMENT	STATION	OFFSET	SIDE				SUBTOTALS	
IVANHOE	298+24.42	33.8	LT			1		
IVANHOE	298+36.06	40.2	LT			1		
IVANHOE	421+97.12	19.1	RT			1		

60500405						TOTAL	3	EACH
FILLING VALVE VAULTS								
ALIGNMENT	STATION	OFFSET	SIDE				SUBTOTALS	
IVANHOE	298+24.42	33.8	LT			1		
IVANHOE	298+36.06	40.2	LT			1		
IVANHOE	421+97.12	19.1	RT			1		

84200600						TOTAL	8	EACH
REMOVAL OF LIGHTING UNIT, NO SALVAGE								
ALIGNMENT	STATION	OFFSET	SIDE				SUBTOTALS	
IL 83	422+91.56	26.8	RT			1		
IL 83	424+46.77	14.9	LT			1		
IL 83	424+89.23	37.7	LT			1		
IVANHOE	285+65.33	20.5	RT			1		
IVANHOE	286+86.61	34.9	RT			1		
IVANHOE	288+00.20	34.4	RT			1		
IVANHOE	289+14.21	34.0	RT			1		
IVANHOE	290+13.57	33.4	RT			1		

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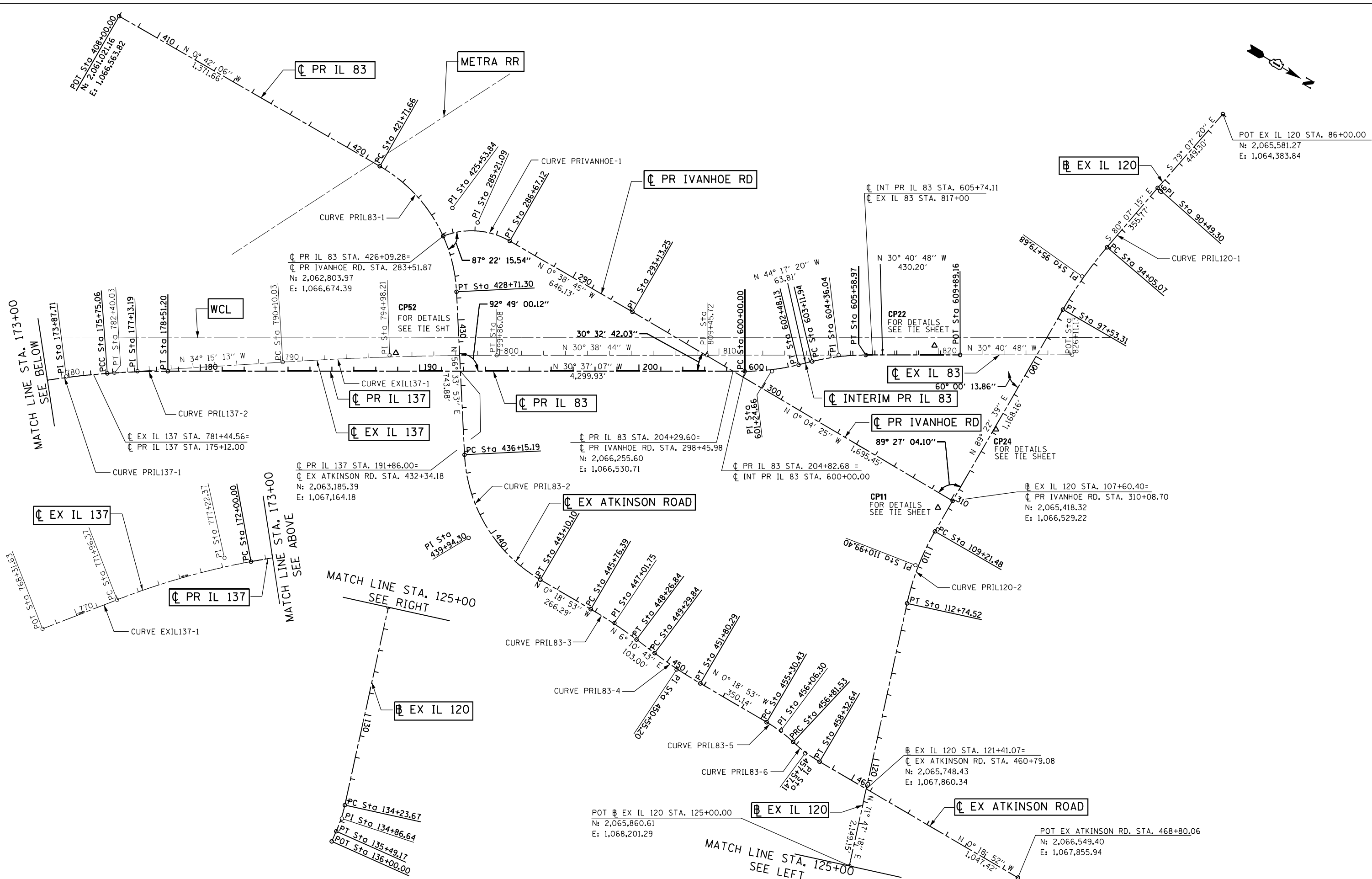
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DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SCHEDULE OF QUANTITIES 17

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	52
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	



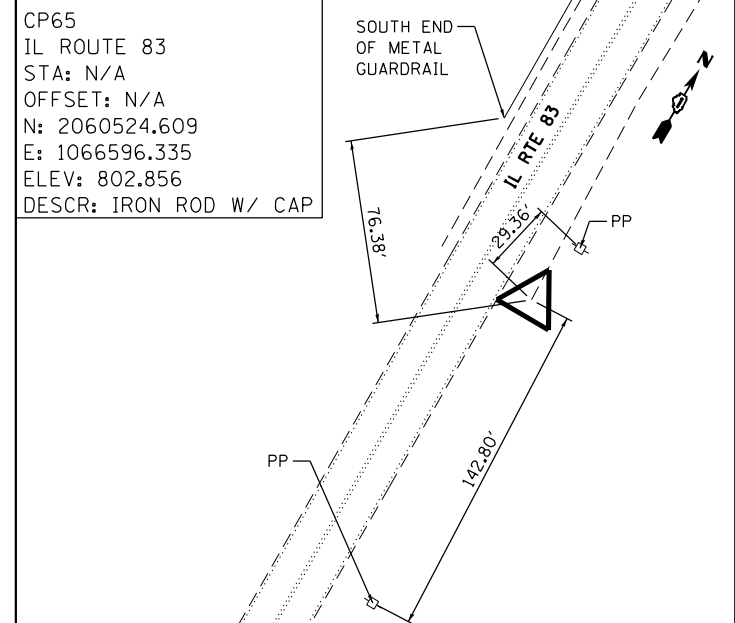
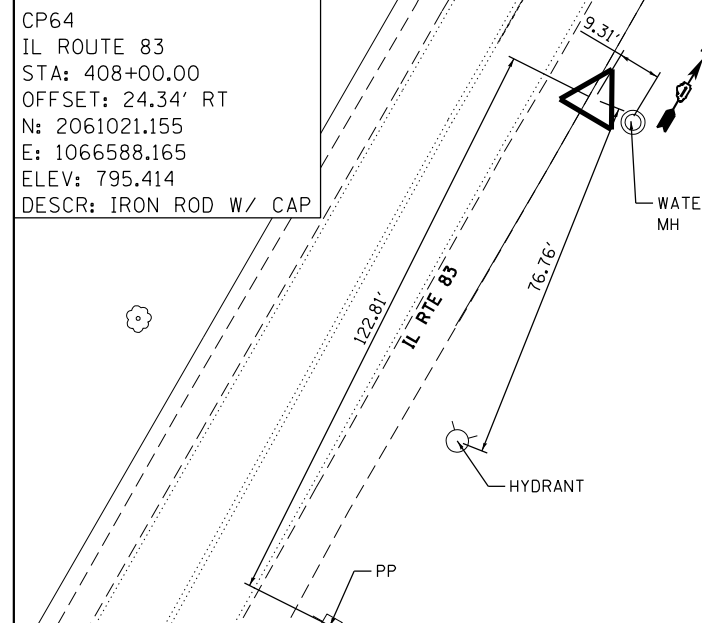
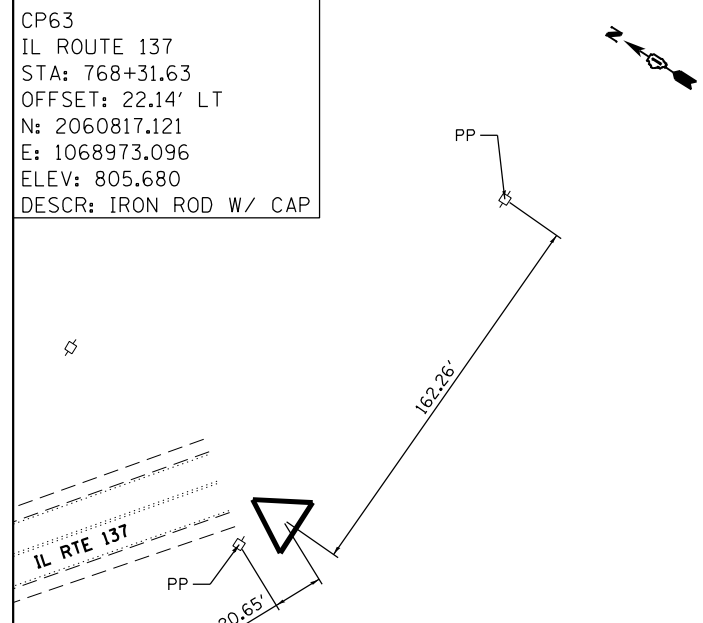
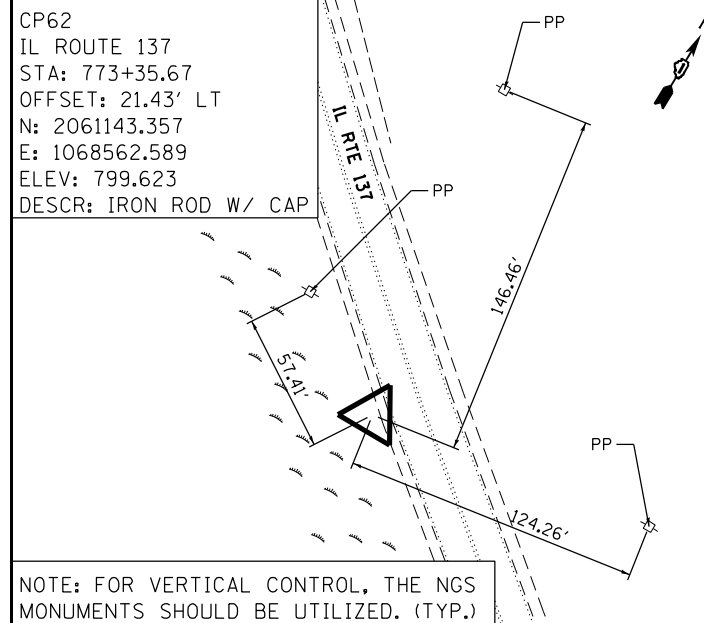
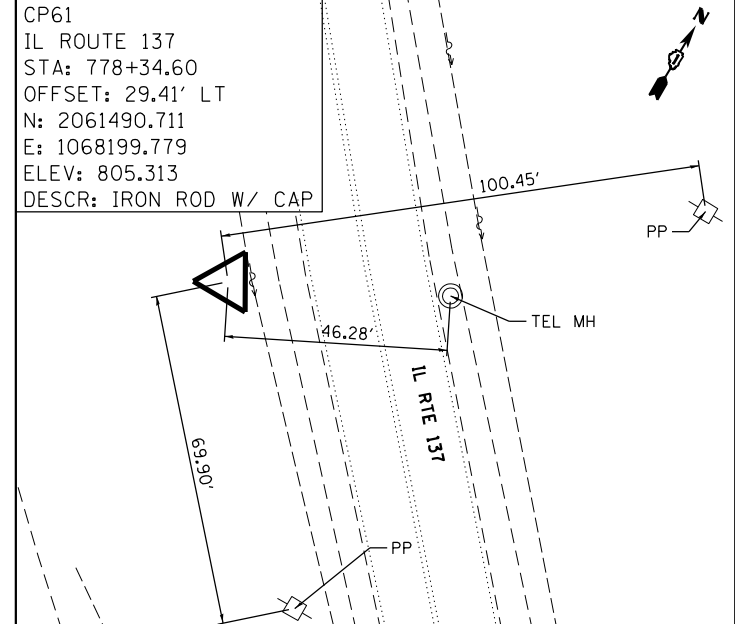
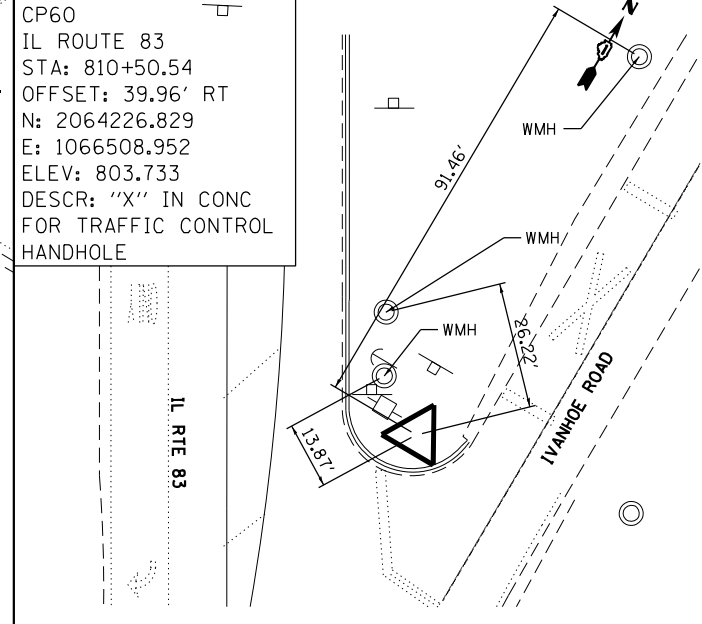
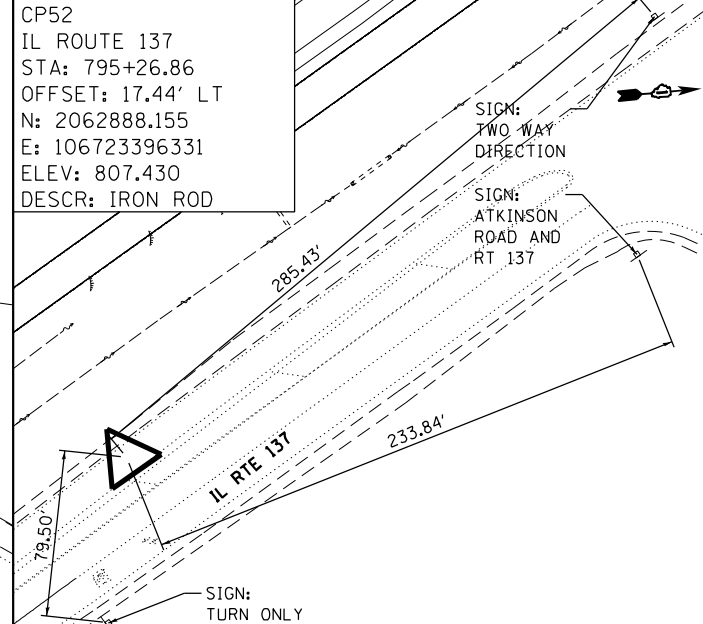
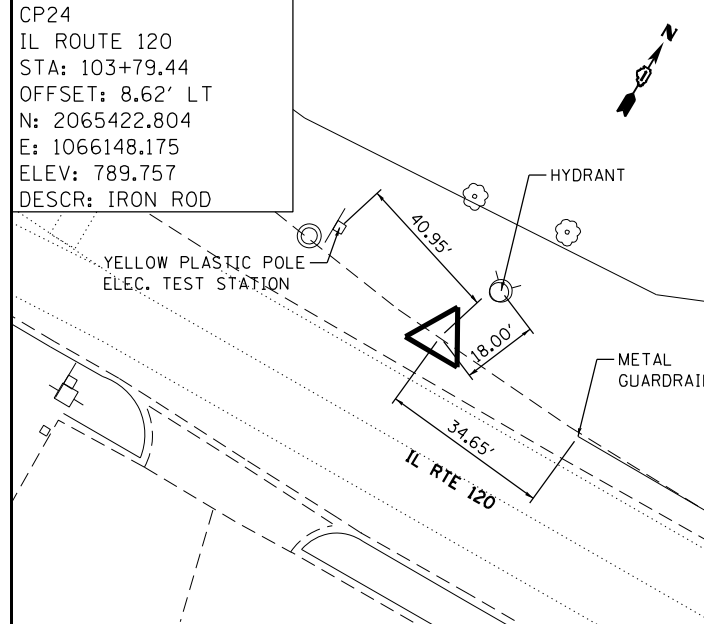
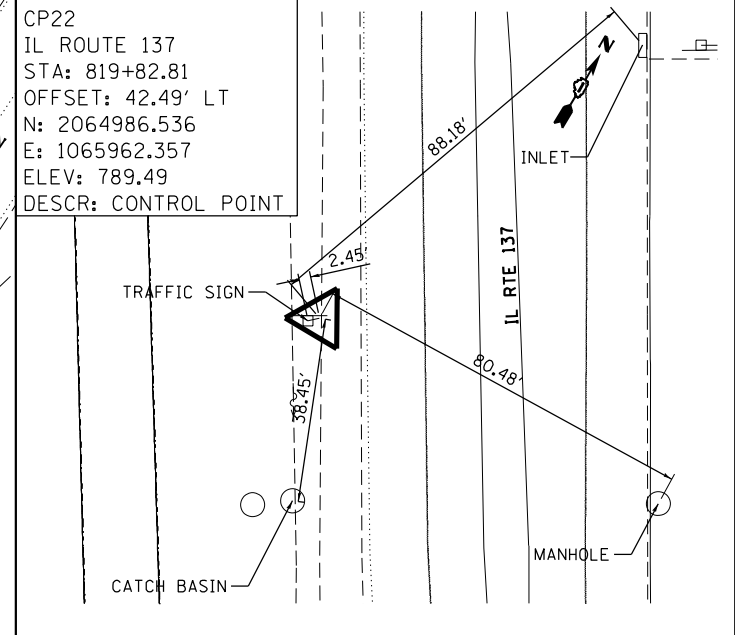
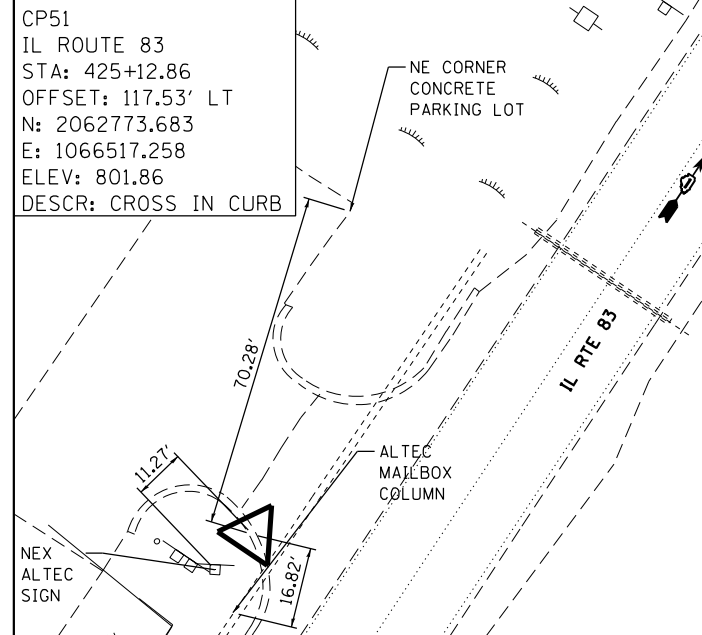
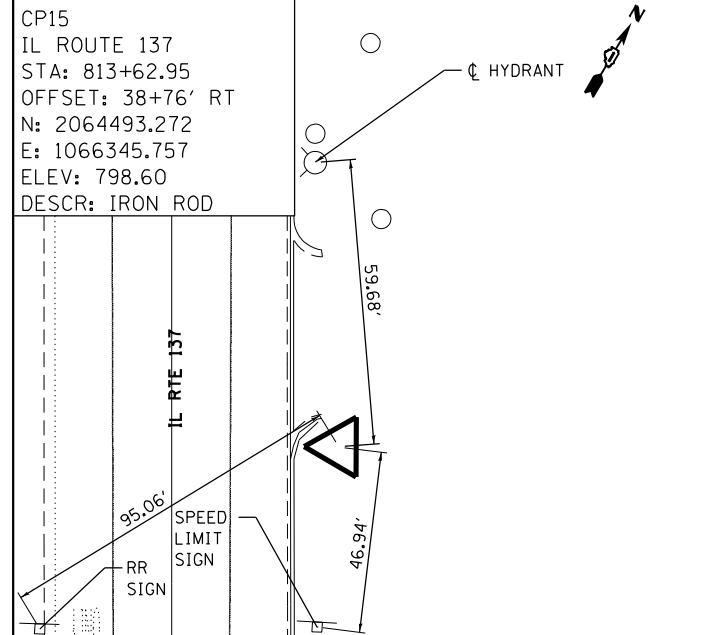
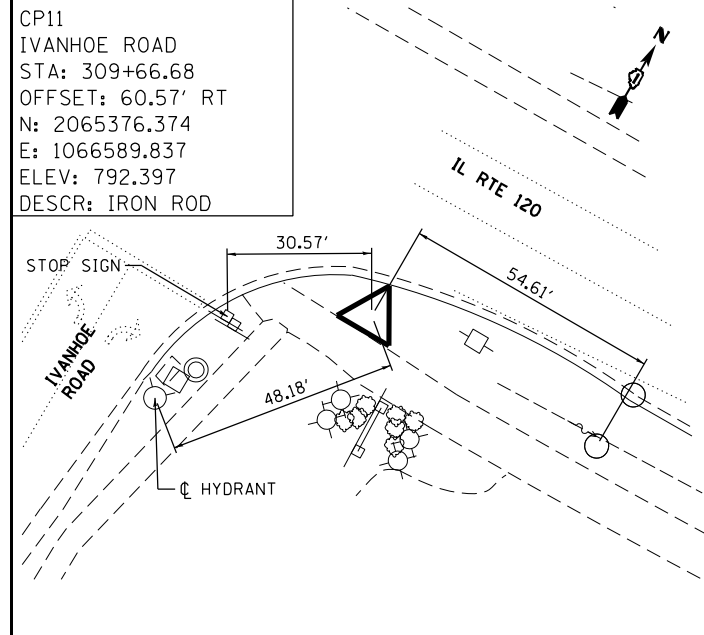
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/26/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

ALIGNMENT, TIES AND BENCHMARKS			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
866	3Y-R	LAKE	385
CONTRACT NO. 60N11			
SCALE: 1"=200'	SHEET	OF SHEETS	STA. TO STA.

ILLINOIS	FED. AID PROJECT
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NOTE: FOR VERTICAL CONTROL, THE NGS MONUMENTS SHOULD BE UTILIZED. (TYP.)

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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/26/2023	DATE - 01/30/23	REVISED -

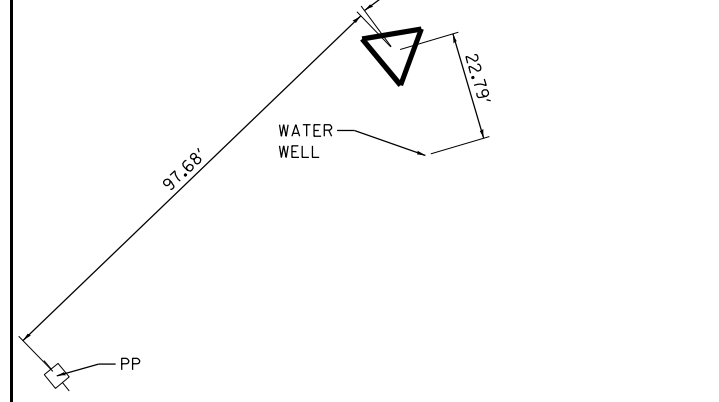
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

ALIGNMENT, TIES AND BENCHMARKS
IL 120 TO IL 137 AT ATKINSON ROAD
BENCHMARKS 1

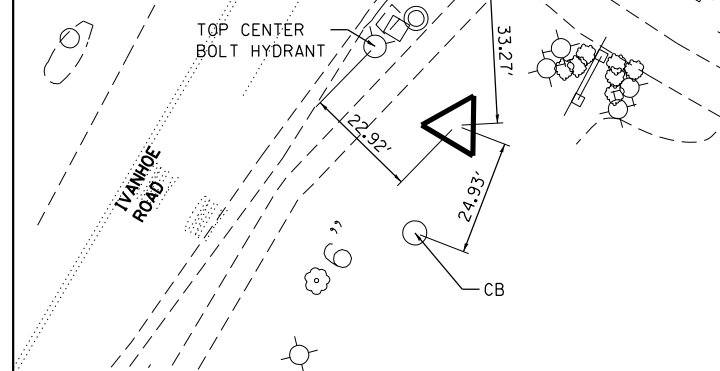
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	55
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

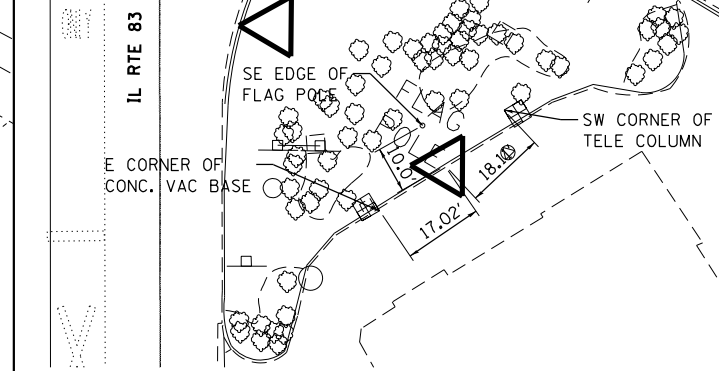
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 DESCR: IRON ROD W/ CAP



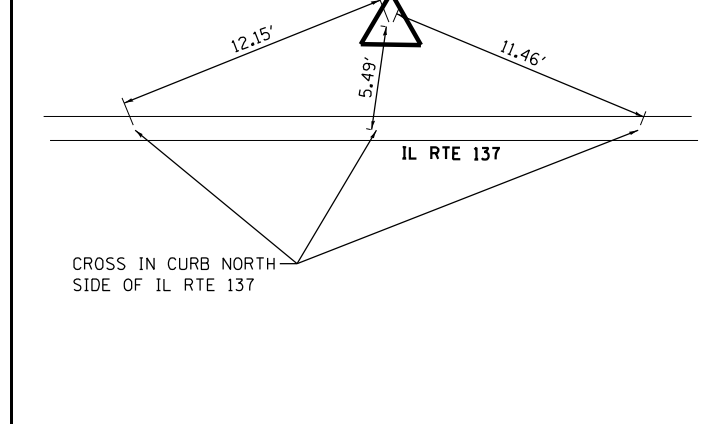
CP90
 BLOCKBUSTER
 IVANHOE ROAD
 STA: 309+25.39
 OFFSET: 55.59' RT
 N: 2065333.068
 E: 1066582.162
 ELEV: 793.476
 DESCR: "X" IN CURB



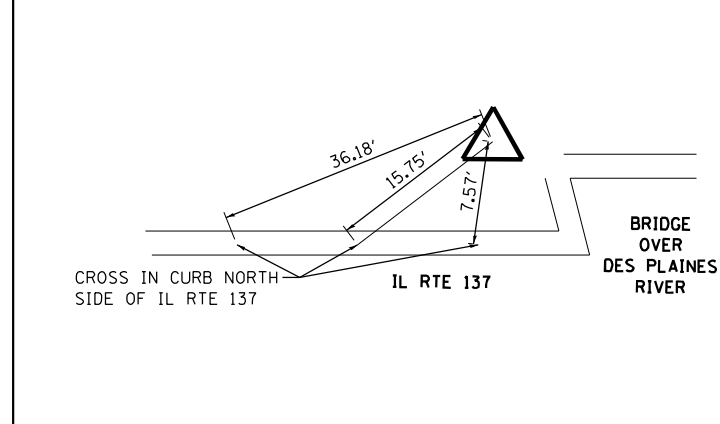
CP91
 CLARK GAS
 IL ROUTE 83
 STA: 823+07.81
 OFFSET: 75.53' RT
 N: 2065324.740
 E: 1065895.450
 ELEV: 791.620
 DESCR: "X" IN CURB



LD009
 N: 2054239.435
 E: 1093994.087
 ELEV: 678.874
 DESCR: NGS BENCHMARK
 ± 180' EAST OF
 C CLOVER DRIVE



LD010
 N: 2054327.724
 E: 1086569.106
 ELEV: 662.302
 DESCR: NGS BENCHMARK
 WEST OF BRIDGE OVER
 DES PLAINES RIVER



NOTE: FOR VERTICAL CONTROL, THE NGS MONUMENTS SHOULD BE UTILIZED. (TYP.)

C:\P\WORK\EXP\MS3217\DI60N11-SHT-ALIGNMNT\04.DGN
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 1-26-2023, 16:05:01

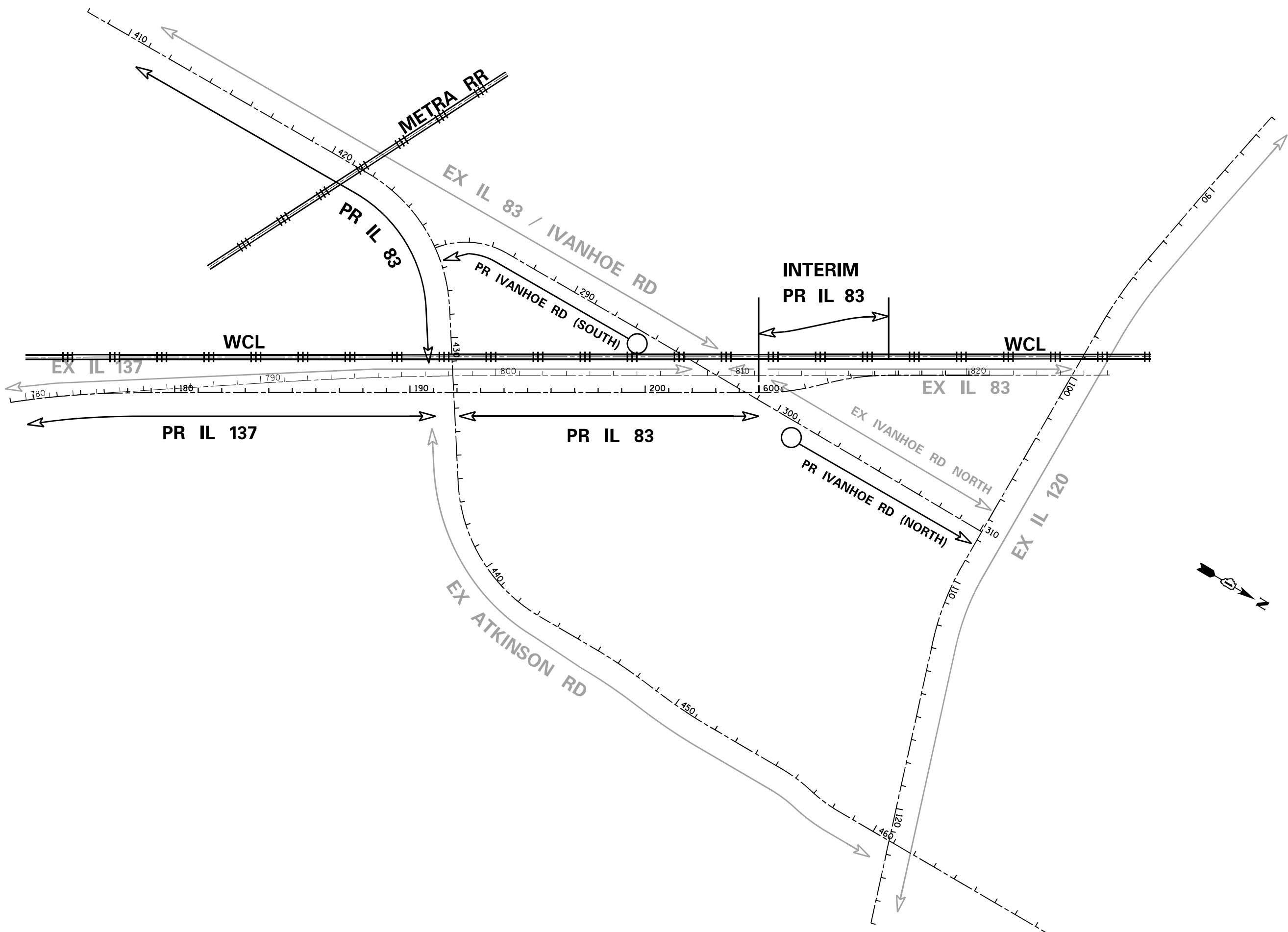
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/26/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

ALIGNMENT, TIES AND BENCHMARKS
IL 120 TO IL 137 AT ATKINSON ROAD
BENCHMARKS 2

SCALE: 1"=200' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	56
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



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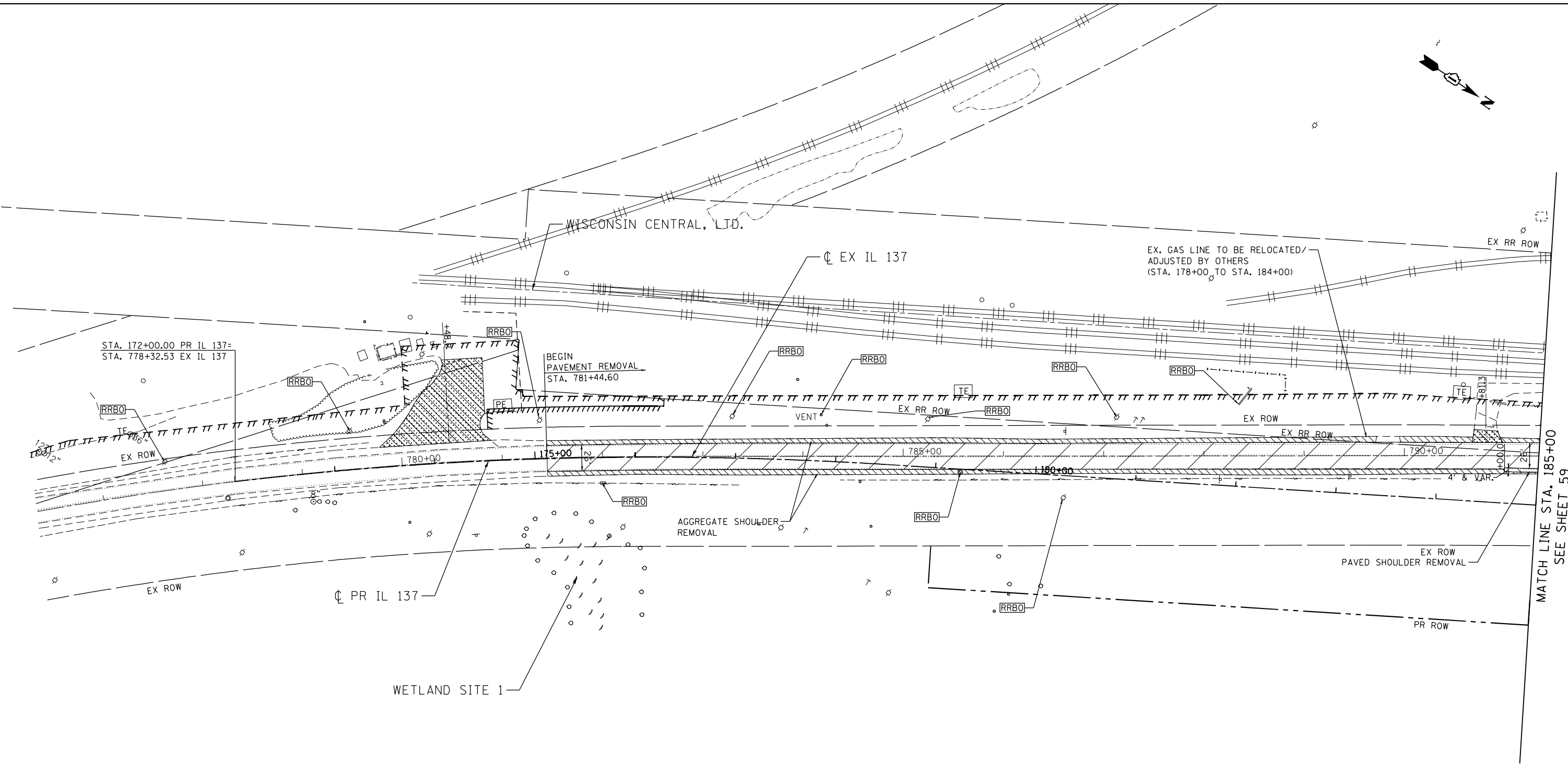
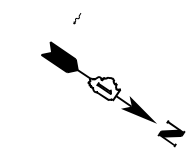
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 400.0000' / in.	CHECKED - AG	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

ALIGNMENT NAMING CONVENTION

SCALE: 1"=200' SHEET OF SHEETS STA. TO STA.

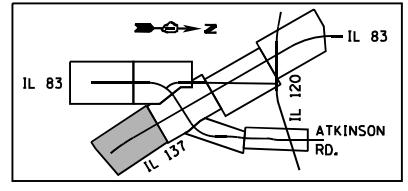
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	57
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 185+00
SEE SHEET 59

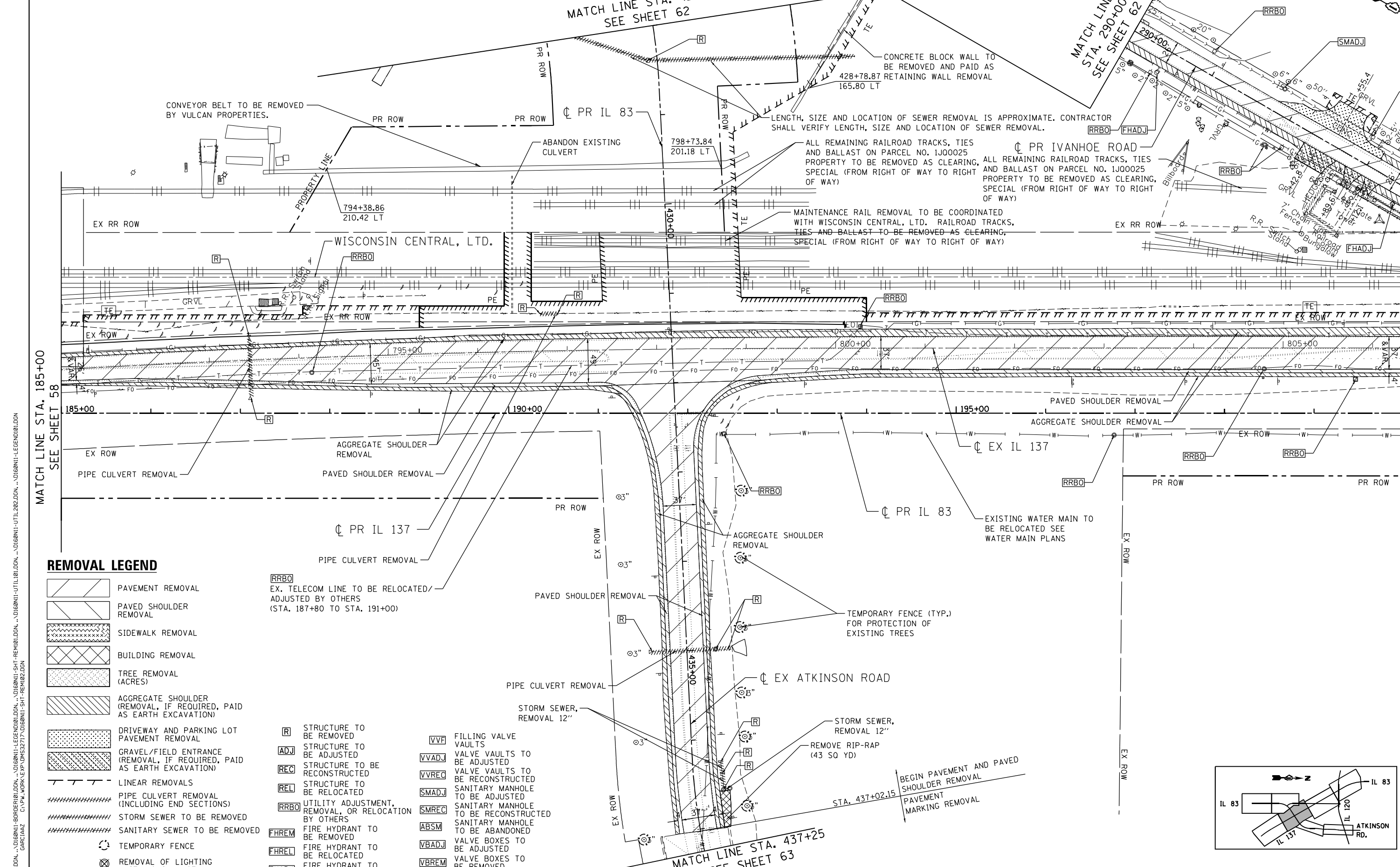
REMOVAL LEGEND

- | | | | | | | | |
|--|---|--|--|--|--|--|--------------------------------------|
| | PAVEMENT REMOVAL | | DRIVEWAY AND PARKING LOT PAVEMENT REMOVAL | | STRUCTURE TO BE REMOVED | | FILLING VALVE VAULTS |
| | PAVED SHOULDER REMOVAL | | GRAVEL/FIELD ENTRANCE (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | STRUCTURE TO BE ADJUSTED | | VALVE VAULTS TO BE ADJUSTED |
| | SIDEWALK REMOVAL | | LINEAR REMOVALS | | STRUCTURE TO BE RECONSTRUCTED | | VALVE VAULTS TO BE RECONSTRUCTED |
| | BUILDING REMOVAL | | PIPE CULVERT REMOVAL (INCLUDING END SECTIONS) | | STRUCTURE TO BE RELOCATED | | SANITARY MANHOLE TO BE ADJUSTED |
| | TREE REMOVAL (ACRES) | | STORM SEWER TO BE REMOVED | | UTILITY ADJUSTMENT, REMOVAL, OR RELOCATION BY OTHERS | | SANITARY MANHOLE TO BE RECONSTRUCTED |
| | AGGREGATE SHOULDER (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | SANITARY SEWER TO BE REMOVED | | FIRE HYDRANT TO BE REMOVED | | SANITARY MANHOLE TO BE ABANDONED |
| | | | TEMPORARY FENCE | | FIRE HYDRANT TO BE RELOCATED | | VALVE BOXES TO BE ADJUSTED |
| | | | REMOVAL OF LIGHTING UNIT, NO SALVAGE | | FIRE HYDRANT TO BE ADJUSTED | | VALVE BOXES TO BE REMOVED |



\D:\60N11-MOTIF\01.DGN, \D:\60N11-BORDER\01.DGN, \D:\60N11-LEGEND\01.DGN, \D:\60N11-UTIL\01.DGN
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FILE NAME =	USER NAME = garciaz	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	EXISTING PLAN AND REMOVALS IL ROUTE 137			F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 58
#FILES#	PLOT SCALE = 100.0000' / 1"	DRAWN - JB	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 172+00	TO STA. 185+00	CONTRACT NO. 60N11	
exp U.S. Services Inc. Chicago, IL	PLOT DATE = 1/24/2023	CHECKED - AG	REVISED -		ILLINOIS FED. AID PROJECT							
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	DATE - 01/30/23	REVISI	REVISED -									



MATCH LINE STA. 185+00
SEE SHEET 58

MATCH LINE STA. 200+00
SEE SHEET 60

REMOVAL LEGEND

- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - SIDEWALK REMOVAL
 - BUILDING REMOVAL
 - TREE REMOVAL (ACRES)
 - AGGREGATE SHOULDER (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION)
 - DRIVEWAY AND PARKING LOT PAVEMENT REMOVAL
 - GRAVEL/FIELD ENTRANCE (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION)
 - LINEAR REMOVALS
 - PIPE CULVERT REMOVAL (INCLUDING END SECTIONS)
 - STORM SEWER TO BE REMOVED
 - SANITARY SEWER TO BE REMOVED
 - TEMPORARY FENCE
 - REMOVAL OF LIGHTING UNIT, NO SALVAGE
- [RRBO]** EX. TELECOM LINE TO BE RELOCATED/ADJUSTED BY OTHERS (STA. 187+80 TO STA. 191+00)
 - [R]** STRUCTURE TO BE REMOVED
 - [ADJ]** STRUCTURE TO BE ADJUSTED
 - [REC]** STRUCTURE TO BE RECONSTRUCTED
 - [REL]** STRUCTURE TO BE RELOCATED
 - [RRBO]** UTILITY ADJUSTMENT, REMOVAL, OR RELOCATION BY OTHERS
 - [FHREM]** FIRE HYDRANT TO BE REMOVED
 - [FHREL]** FIRE HYDRANT TO BE RELOCATED
 - [FHADJ]** FIRE HYDRANT TO BE ADJUSTED
 - [VVV]** FILLING VALVE VAULTS
 - [VVADJ]** VALVE VAULTS TO BE ADJUSTED
 - [VVREC]** VALVE VAULTS TO BE RECONSTRUCTED
 - [SMADJ]** SANITARY MANHOLE TO BE ADJUSTED
 - [SMREC]** SANITARY MANHOLE TO BE RECONSTRUCTED
 - [ABSM]** SANITARY MANHOLE TO BE ABANDONED
 - [VBADJ]** VALVE BOXES TO BE ADJUSTED
 - [VBREM]** VALVE BOXES TO BE REMOVED

\D:\60N11-MOTIF101.DGN, \D:\60N11-BORDER101.DGN, \D:\60N11-LEGEND101.DGN, \D:\60N11-SHT-REMO101.DGN, \D:\60N11-UTIL101.DGN, \D:\60N11-LEGEND101.DGN
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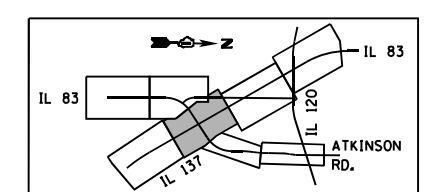
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -

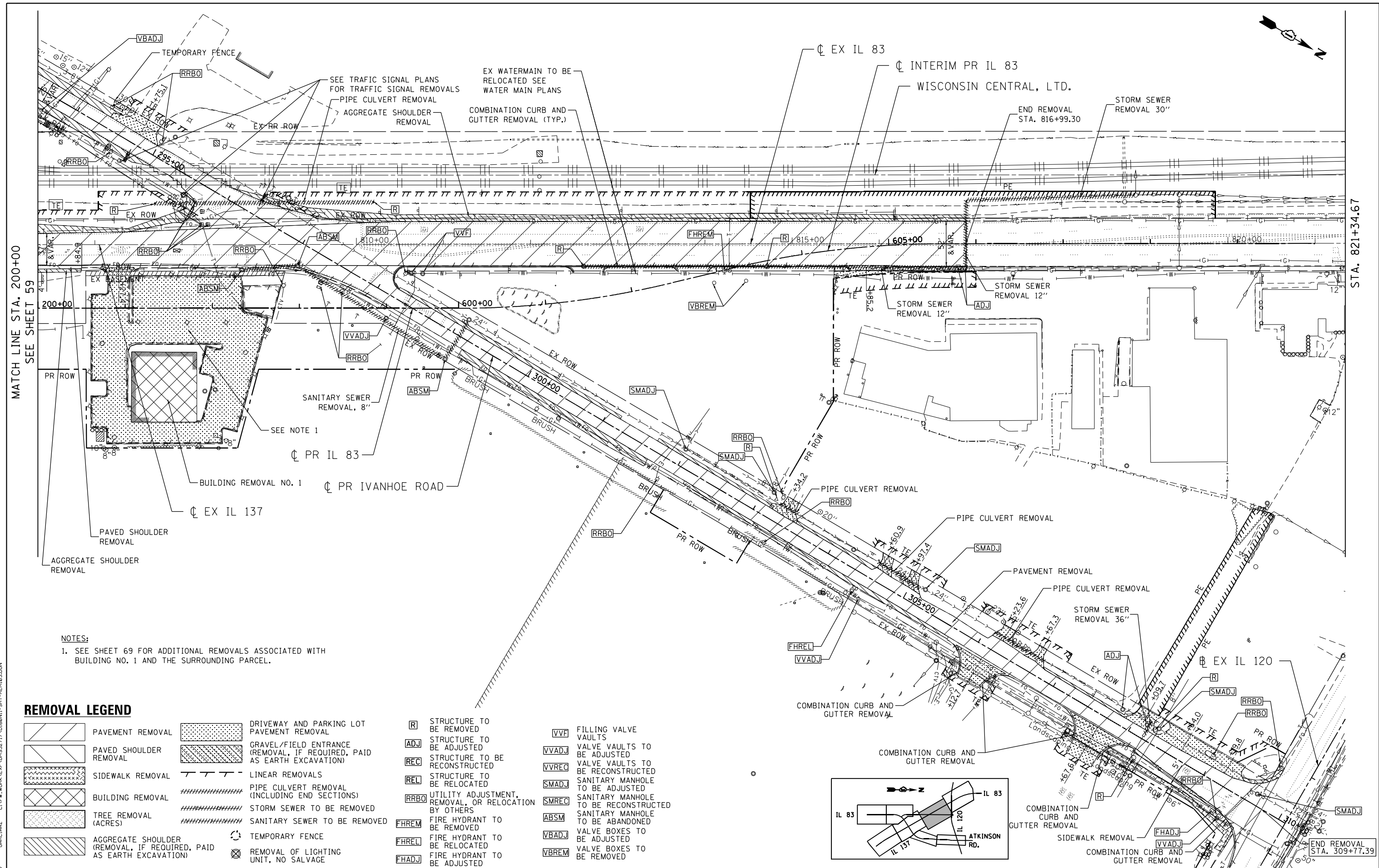
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

EXISTING PLAN AND REMOVALS
IL ROUTE 137 /IL ROUTE 83

SCALE: 1"=50' SHEET OF SHEETS STA. 185+00 TO STA. 200+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 59
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				





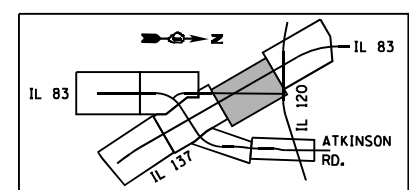
MATCH LINE STA. 200+00
SEE SHEET 59

STA. 821+34.67

NOTES:
1. SEE SHEET 69 FOR ADDITIONAL REMOVALS ASSOCIATED WITH BUILDING NO. 1 AND THE SURROUNDING PARCEL.

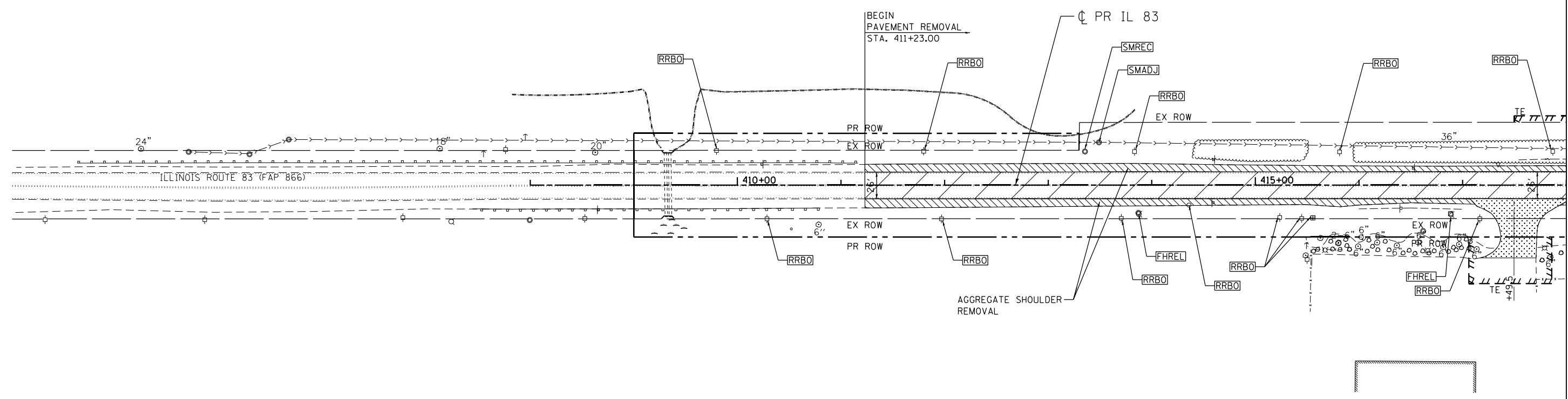
REMOVAL LEGEND

- | | | | | | | | |
|--|---|--|--|--|--|--|--------------------------------------|
| | PAVEMENT REMOVAL | | DRIVEWAY AND PARKING LOT PAVEMENT REMOVAL | | STRUCTURE TO BE REMOVED | | FILLING VALVE VAULTS |
| | PAVED SHOULDER REMOVAL | | GRAVEL/FIELD ENTRANCE (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | STRUCTURE TO BE ADJUSTED | | VALVE VAULTS TO BE ADJUSTED |
| | SIDEWALK REMOVAL | | LINEAR REMOVALS | | STRUCTURE TO BE RECONSTRUCTED | | VALVE VAULTS TO BE RECONSTRUCTED |
| | BUILDING REMOVAL | | PIPE CULVERT REMOVAL (INCLUDING END SECTIONS) | | STRUCTURE TO BE RELOCATED | | SANITARY MANHOLE TO BE ADJUSTED |
| | TREE REMOVAL (ACRES) | | STORM SEWER TO BE REMOVED | | UTILITY ADJUSTMENT, REMOVAL, OR RELOCATION BY OTHERS | | SANITARY MANHOLE TO BE RECONSTRUCTED |
| | AGGREGATE SHOULDER (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | SANITARY SEWER TO BE REMOVED | | FIRE HYDRANT TO BE REMOVED | | SANITARY MANHOLE TO BE ABANDONED |
| | | | TEMPORARY FENCE | | FIRE HYDRANT TO BE RELOCATED | | VALVE BOXES TO BE ADJUSTED |
| | | | REMOVAL OF LIGHTING UNIT, NO SALVAGE | | FIRE HYDRANT TO BE ADJUSTED | | VALVE BOXES TO BE REMOVED |



FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	EXISTING PLAN AND REMOVALS IL ROUTE 83			F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 60
#FILES =	PLOT SCALE = 100.0000' / in.	DRAWN - JB	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 200+00	TO STA. 215+00	CONTRACT NO. 60N11	
exp U.S. Services Inc. Chicago, IL	CHECKED - AG	DATE - 01/30/23	REVISED -		ILLINOIS FED. AID PROJECT							
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023											

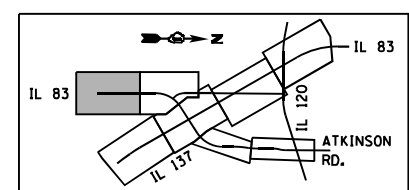
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MATCH LINE STA. 418+00
SEE SHEET 62

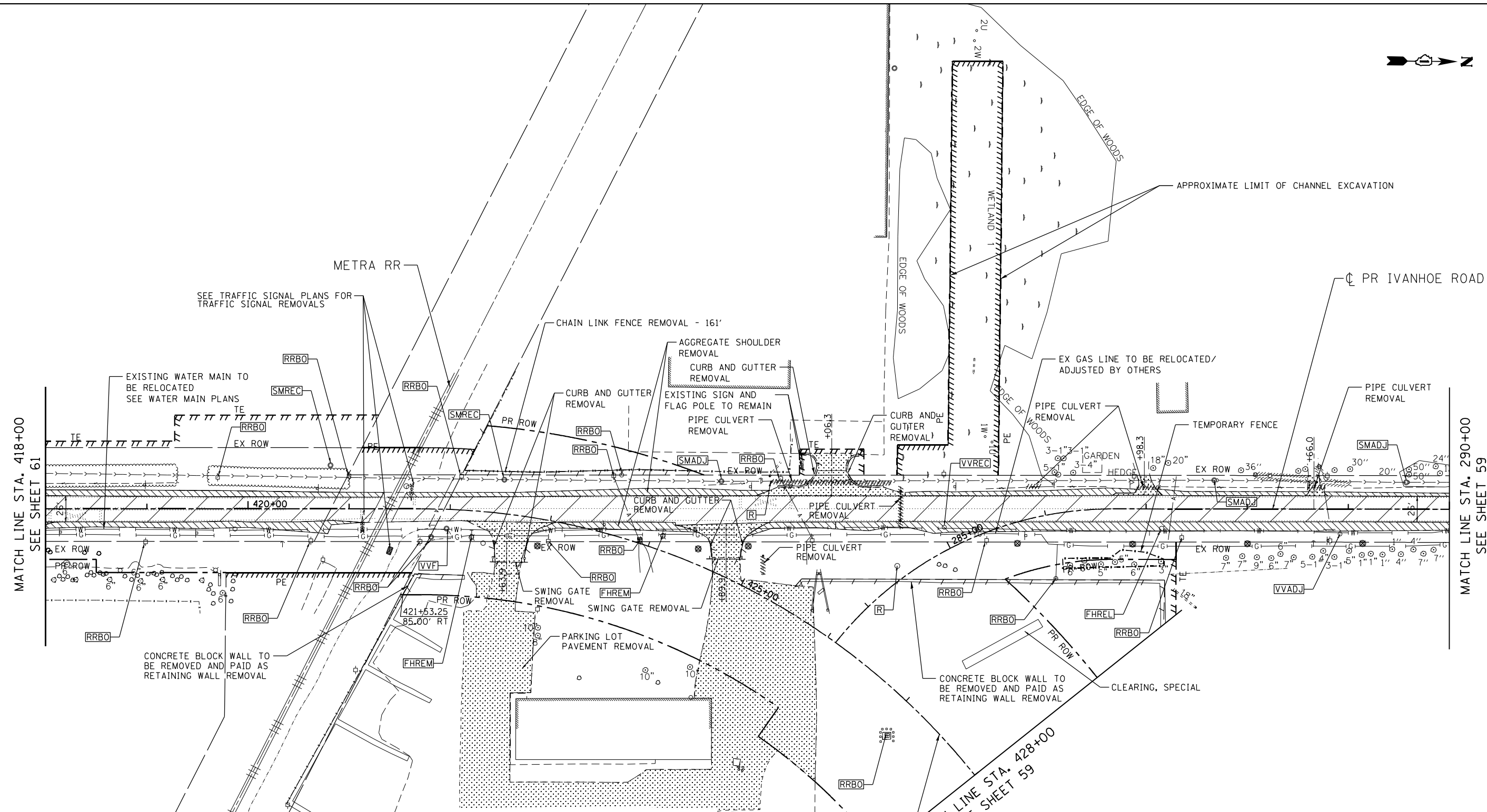
REMOVAL LEGEND

- | | | | | | | | |
|--|---|--|--|--|--|--|--------------------------------------|
| | PAVEMENT REMOVAL | | DRIVEWAY AND PARKING LOT PAVEMENT REMOVAL | | STRUCTURE TO BE REMOVED | | FILLING VALVE VAULTS |
| | PAVED SHOULDER REMOVAL | | GRAVEL/FIELD ENTRANCE (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | STRUCTURE TO BE ADJUSTED | | VALVE VAULTS TO BE ADJUSTED |
| | SIDEWALK REMOVAL | | LINEAR REMOVALS | | STRUCTURE TO BE RECONSTRUCTED | | VALVE VAULTS TO BE RECONSTRUCTED |
| | BUILDING REMOVAL | | PIPE CULVERT REMOVAL (INCLUDING END SECTIONS) | | STRUCTURE TO BE RELOCATED | | SANITARY MANHOLE TO BE ADJUSTED |
| | TREE REMOVAL (ACRES) | | STORM SEWER TO BE REMOVED | | UTILITY ADJUSTMENT, REMOVAL, OR RELOCATION BY OTHERS | | SANITARY MANHOLE TO BE RECONSTRUCTED |
| | AGGREGATE SHOULDER (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | SANITARY SEWER TO BE REMOVED | | SANITARY MANHOLE TO BE ABANDONED | | VALVE BOXES TO BE ADJUSTED |
| | | | TEMPORARY FENCE | | FIRE HYDRANT TO BE REMOVED | | VALVE BOXES TO BE REMOVED |
| | | | REMOVAL OF LIGHTING UNIT, NO SALVAGE | | FIRE HYDRANT TO BE RELOCATED | | |
| | | | | | FIRE HYDRANT TO BE ADJUSTED | | |



\D:\60N11-MOTIF\01.DGN, \D:\60N11-BORDER\01.DGN, \D:\60N11-LEGEND\01.DGN, \D:\60N11-UTIL\01.DGN
 1-24-2023, 15:12:21 GARCIAZ

FILE NAME =	USER NAME = garciaaz	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	EXISTING PLAN AND REMOVALS IL ROUTE 83			F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 61
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exp U.S. Services Inc. Chicago, IL	PLOT DATE = 1/24/2023	CHECKED - AG	REVISED -								ILLINOIS FED. AID PROJECT	
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY		DATE - 01/30/23	REVISED -									



MATCH LINE STA. 418+00
SEE SHEET 61

MATCH LINE STA. 290+00
SEE SHEET 59

MATCH LINE STA. 428+00
SEE SHEET 59

REMOVAL LEGEND

- | | | | | | | | |
|--|---|--|--|--|--|--|--------------------------------------|
| | PAVEMENT REMOVAL | | DRIVEWAY AND PARKING LOT PAVEMENT REMOVAL | | STRUCTURE TO BE REMOVED | | FILLING VALVE VAULTS |
| | PAVED SHOULDER REMOVAL | | GRAVEL/FIELD ENTRANCE (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | STRUCTURE TO BE ADJUSTED | | VALVE VAULTS TO BE ADJUSTED |
| | SIDEWALK REMOVAL | | LINEAR REMOVALS | | STRUCTURE TO BE RECONSTRUCTED | | VALVE VAULTS TO BE RECONSTRUCTED |
| | BUILDING REMOVAL | | PIPE CULVERT REMOVAL (INCLUDING END SECTIONS) | | STRUCTURE TO BE RELOCATED | | SANITARY MANHOLE TO BE ADJUSTED |
| | TREE REMOVAL (ACRES) | | STORM SEWER TO BE REMOVED | | UTILITY ADJUSTMENT, REMOVAL, OR RELOCATION BY OTHERS | | SANITARY MANHOLE TO BE RECONSTRUCTED |
| | AGGREGATE SHOULDER (REMOVAL, IF REQUIRED, PAID AS EARTH EXCAVATION) | | SANITARY SEWER TO BE REMOVED | | FIRE HYDRANT TO BE REMOVED | | SANITARY MANHOLE TO BE ABANDONED |
| | | | TEMPORARY FENCE | | FIRE HYDRANT TO BE RELOCATED | | VALVE BOXES TO BE ADJUSTED |
| | | | REMOVAL OF LIGHTING UNIT, NO SALVAGE | | FIRE HYDRANT TO BE ADJUSTED | | VALVE BOXES TO BE REMOVED |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

EXISTING PLAN AND REMOVALS
IL ROUTE 83

FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - JB	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / 1"	CHECKED - AG	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/2/2023	DATE - 01/30/23	REVISED -

SCALE: 1"=50' SHEET OF SHEETS STA. 418+00 TO STA. 428+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 62
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

\\D:\60N11-MOTIF\01.DGN, \\D:\60N11-BORDER\01.DGN, \\D:\60N11-LEGEND\01.DGN, \\D:\60N11-UTIL\01.DGN
 3-02-2023, 13:27:58 GARCIAAZ

MATCH LINE STA. 437+25
SEE SHEET 59

EX ATKINSON ROAD
EX ROW
MATCH LINE STA. 450+00
SEE BELOW

PAVEMENT MARKING REMOVAL
6" WHITE SKIP DASH REMOVAL
(2' LINE, 6' SKIP)
(325')

PAVEMENT MARKING REMOVAL
6" WHITE REMOVAL
(1262')

PAVEMENT MARKING REMOVAL
12" YELLOW 45 DEG.
DIAGONALS @ 75' C-C

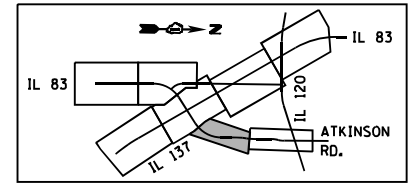
PAVEMENT MARKING REMOVAL
4" DOUBLE YELLOW
(1274')

PAVEMENT MARKING REMOVAL
6" WHITE REMOVAL
(1289')

PAVEMENT MARKING REMOVAL
12" YELLOW 45 33/64
DIAGONALS @ 75' C-C

PAVEMENT MARKING REMOVAL
4" DOUBLE YELLOW
(1280')

PAVEMENT MARKING REMOVAL
STA. 449+00

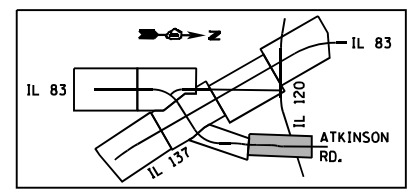
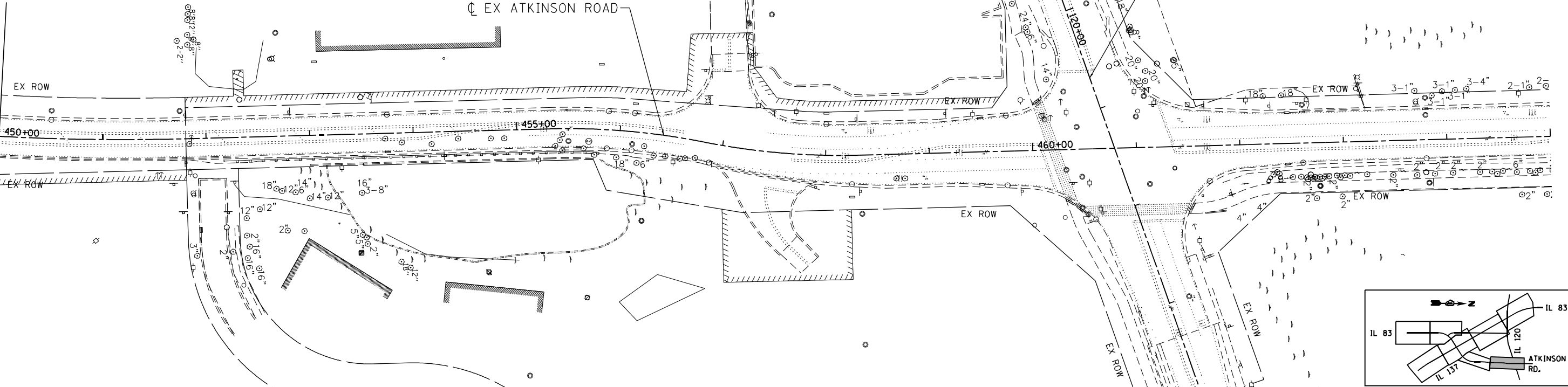


**NO PROPOSED ROADWAY, DRAINAGE
OR UTILITY REMOVALS ON THIS SHEET.
SHEET PROVIDED FOR INFORMATION ONLY.**

MATCH LINE STA. 450+00
SEE ABOVE

EX ATKINSON ROAD

EX IL 120



\\D:\60N11-MOTIF\01.DGN, \\D:\60N11-LEGEND\01.DGN, \\D:\60N11-MOTIF\01.DGN, \\D:\60N11-UTIL\01.DGN, \\D:\60N11-UTIL\01.DGN
1-24-2023, 15:12:46
GARCIAZ

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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

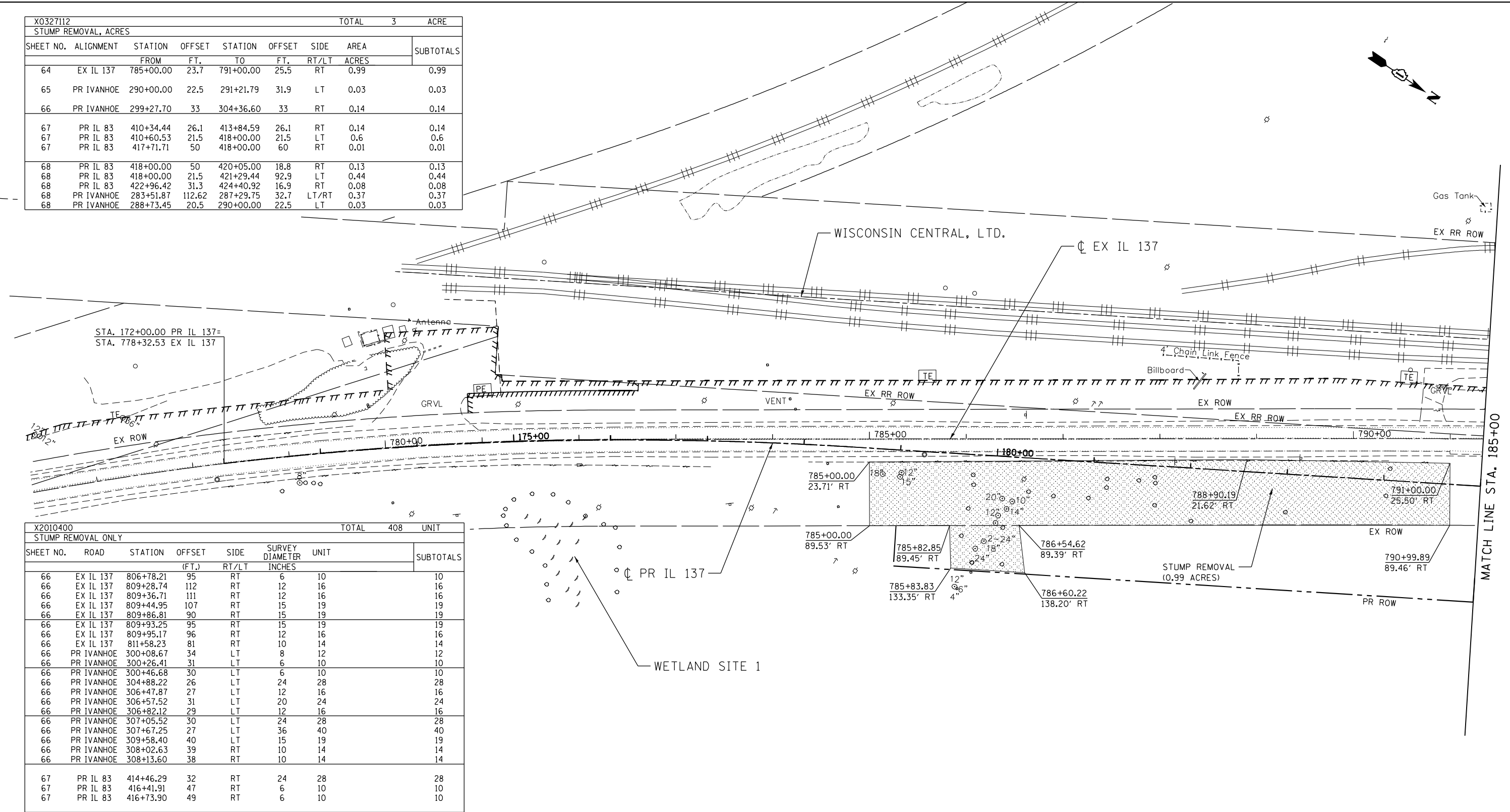
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
FAP ROUTE 866 (IL 83)

**EXISTING PLAN AND REMOVALS
ATKINSON ROAD**

SCALE: 1"=50' SHEET OF SHEETS STA. 437+25 TO STA. 465+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	63
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

X0327112								TOTAL	3	ACRE
STUMP REMOVAL, ACRES										
SHEET NO.	ALIGNMENT	STATION	OFFSET	STATION	OFFSET	SIDE	AREA	SUBTOTALS		
		FROM	FT.	TO	FT.	RT/LT	ACRES			
64	EX IL 137	785+00.00	23.7	791+00.00	25.5	RT	0.99	0.99		
65	PR IVANHOE	290+00.00	22.5	291+21.79	31.9	LT	0.03	0.03		
66	PR IVANHOE	299+27.70	33	304+36.60	33	RT	0.14	0.14		
67	PR IL 83	410+34.44	26.1	413+84.59	26.1	RT	0.14	0.14		
67	PR IL 83	410+60.53	21.5	418+00.00	21.5	LT	0.6	0.6		
67	PR IL 83	417+71.71	50	418+00.00	60	RT	0.01	0.01		
68	PR IL 83	418+00.00	50	420+05.00	18.8	RT	0.13	0.13		
68	PR IL 83	418+00.00	21.5	421+29.44	92.9	LT	0.44	0.44		
68	PR IL 83	422+96.42	31.3	424+40.92	16.9	RT	0.08	0.08		
68	PR IVANHOE	283+51.87	112.62	287+29.75	32.7	LT/RT	0.37	0.37		
68	PR IVANHOE	288+73.45	20.5	290+00.00	22.5	LT	0.03	0.03		



X2010400								TOTAL	408	UNIT
STUMP REMOVAL ONLY										
SHEET NO.	ROAD	STATION	OFFSET	SIDE	SURVEY DIAMETER	UNIT	SUBTOTALS			
			(FT.)	RT/LT	INCHES					
66	EX IL 137	806+78.21	95	RT	6	10	10			
66	EX IL 137	809+28.74	112	RT	12	16	16			
66	EX IL 137	809+36.71	111	RT	12	16	16			
66	EX IL 137	809+44.95	107	RT	15	19	19			
66	EX IL 137	809+86.81	90	RT	15	19	19			
66	EX IL 137	809+93.25	95	RT	15	19	19			
66	EX IL 137	809+95.17	96	RT	12	16	16			
66	EX IL 137	811+58.23	81	RT	10	14	14			
66	PR IVANHOE	300+08.67	34	LT	8	12	12			
66	PR IVANHOE	300+26.41	31	LT	6	10	10			
66	PR IVANHOE	300+46.68	30	LT	6	10	10			
66	PR IVANHOE	304+88.22	26	LT	24	28	28			
66	PR IVANHOE	306+47.87	27	LT	12	16	16			
66	PR IVANHOE	306+57.52	31	LT	20	24	24			
66	PR IVANHOE	306+82.12	29	LT	12	16	16			
66	PR IVANHOE	307+05.52	30	LT	24	28	28			
66	PR IVANHOE	307+67.25	27	LT	36	40	40			
66	PR IVANHOE	309+58.40	40	LT	15	19	19			
66	PR IVANHOE	308+02.63	39	RT	10	14	14			
66	PR IVANHOE	308+13.60	38	RT	10	14	14			
67	PR IL 83	414+46.29	32	RT	24	28	28			
67	PR IL 83	416+41.91	47	RT	6	10	10			
67	PR IL 83	416+73.90	49	RT	6	10	10			

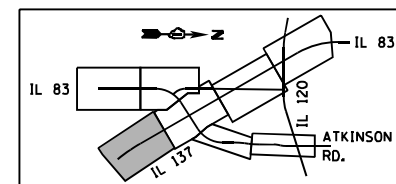
REMOVAL LEGEND

⊗ STUMP REMOVAL ONLY (WITH DIA. IN INCHES)

▨ STUMP REMOVAL (ACRES)

NOTE

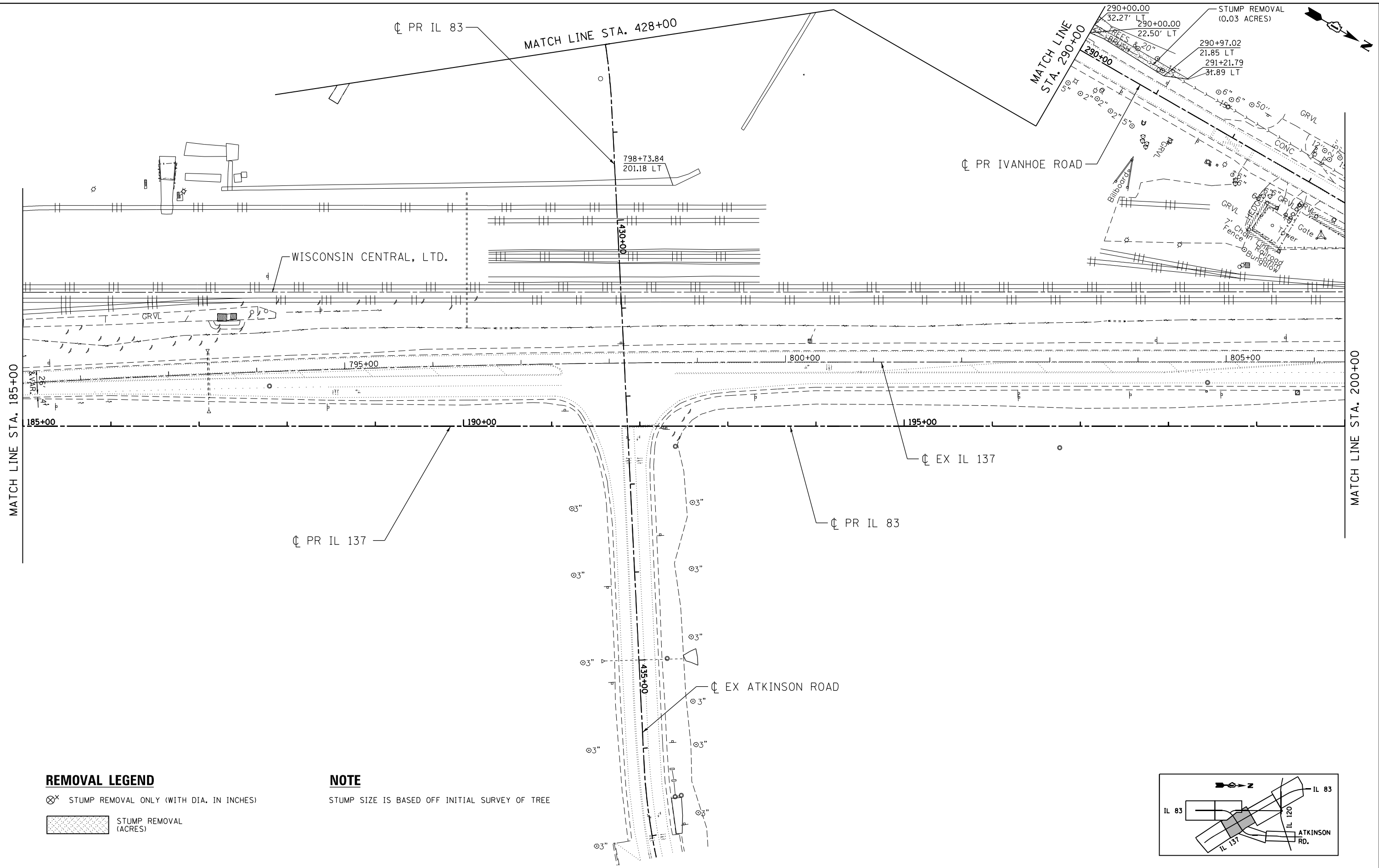
STUMP SIZE IS BASED OFF INITIAL SURVEY OF TREE



X:\PROJECTS\2023\14\12\38\60N11-MOTIF101.DGN, X:\PROJECTS\2023\14\12\38\60N11-LEGEND\FREESTUMP.DGN, X:\PROJECTS\2023\14\12\38\60N11-UTIL101.DGN
 X:\PROJECTS\2023\14\12\38\60N11-MOTIF101.DGN, X:\PROJECTS\2023\14\12\38\60N11-LEGEND\FREESTUMP.DGN, X:\PROJECTS\2023\14\12\38\60N11-UTIL101.DGN
 C:\P\WORK\EXP\MS32717\60N11-SHT-REMS01.DGN HECHTBR

FILE NAME =	USER NAME = HECHTBR	DESIGNED - AG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)		STUMP REMOVALS IL ROUTE 137		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILES#		DRAWN - AG	REVISED -			866	3Y-R	LAKE	385	64		
exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = 1200.0000' / f.t.	CHECKED - BRH	REVISED -			CONTRACT NO. 60N11						
	PLOT DATE = 1/30/2023	DATE = 01/30/23	REVISED -	SCALE: 1"=50'	SHEET OF SHEETS	STA. 172+00 TO STA. 185+00	ILLINOIS FED. AID PROJECT					

1/24/2023 12:47:58 PM \\exp-pw-bentley.com\exp-pw-05\Documents\Projects\CH\0214373-AB\CIVIL\CAD\60N11\Sht\remS02.dgn

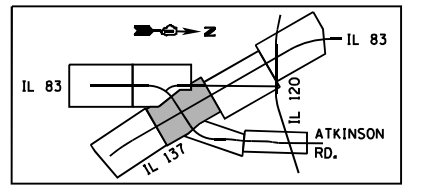


REMOVAL LEGEND

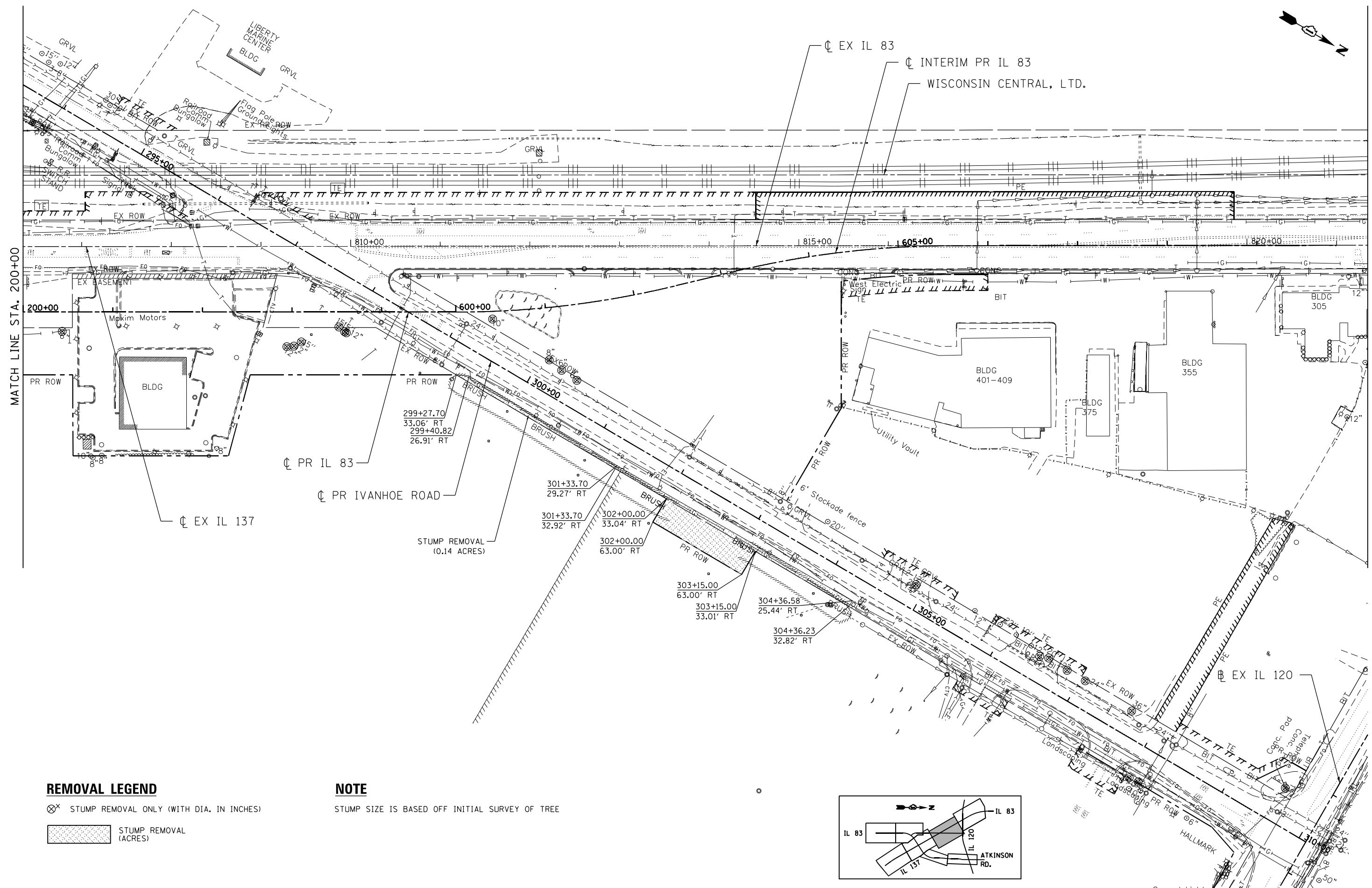
- ⊗ STUMP REMOVAL ONLY (WITH DIA. IN INCHES)
- STUMP REMOVAL (ACRES)

NOTE

STUMP SIZE IS BASED OFF INITIAL SURVEY OF TREE



FILE NAME = D160N11-SHT-remS02.dgn	USER NAME = garciaoz	DESIGNED - AG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	STUMP REMOVALS IL ROUTE 137 /IL ROUTE 83			F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 65
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 185+00	TO STA. 200+00	CONTRACT NO. 60N11	
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -		ILLINOIS FED. AID PROJECT							
1/24/2023												



STA. 821+34.67

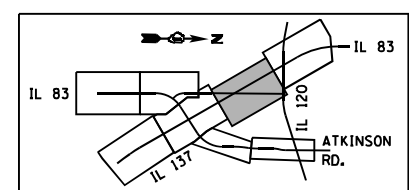
MATCH LINE STA. 200+00

REMOVAL LEGEND

- ⊗ STUMP REMOVAL ONLY (WITH DIA. IN INCHES)
- ▨ STUMP REMOVAL (ACRES)

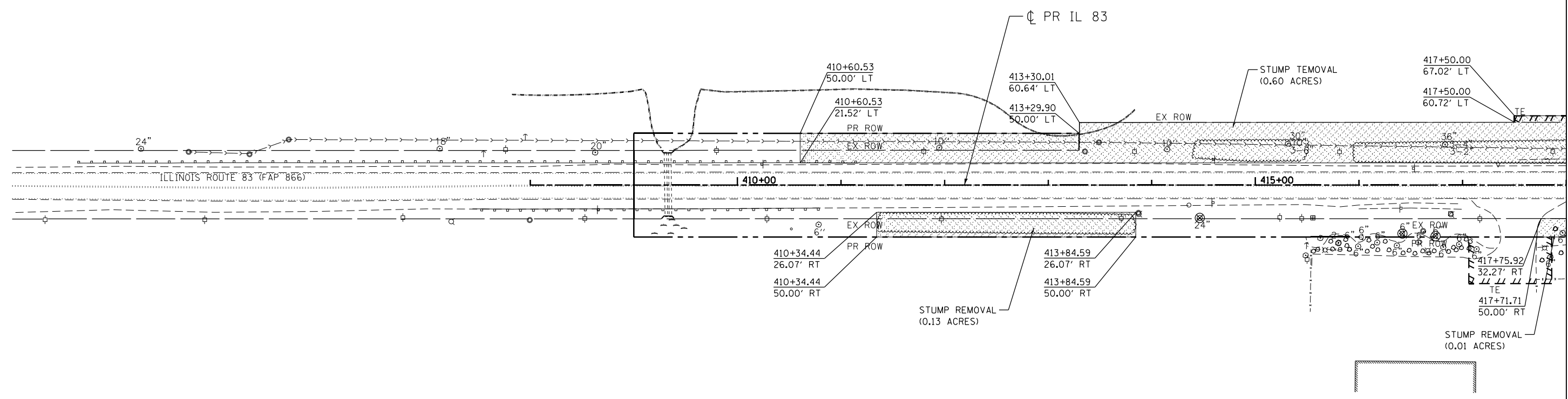
NOTE

STUMP SIZE IS BASED OFF INITIAL SURVEY OF TREE



1/24/2023
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FILE NAME = D160N11-SHT-remS03.dgn	USER NAME = garcioaz	DESIGNED - AG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	STUMP REMOVALS IL ROUTE 83		F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 66	
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 200+00	TO STA. 215+00	CONTRACT NO. 60N11 ILLINOIS FED. AID PROJECT	
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE = 01/30/23	REVISED -									

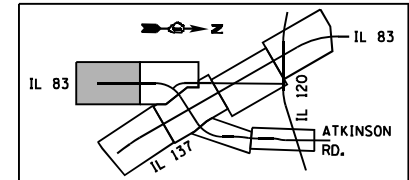


REMOVAL LEGEND

- ⊗ STUMP REMOVAL ONLY (WITH DIA. IN INCHES)
- [Hatched Box] STUMP REMOVAL (ACRES)

NOTE

STUMP SIZE IS BASED OFF INITIAL SURVEY OF TREE



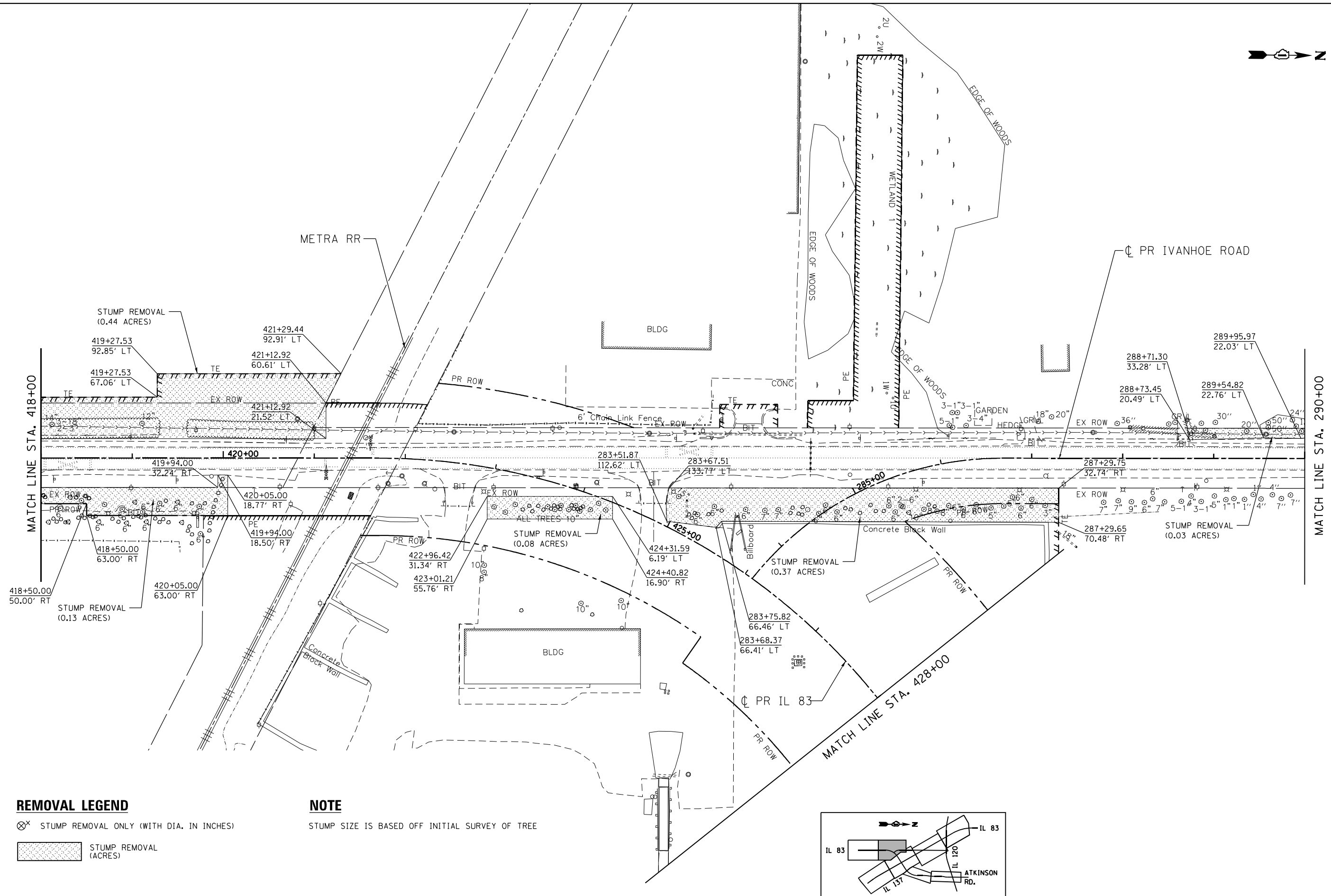
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FILE NAME = D160N11-SHT-rem05.dgn	USER NAME = garcioaz	DESIGNED - AG	REVISED -
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	DRAWN - AG	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	CHECKED - BRH	REVISED -
1/24/2023		DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

STUMP REMOVALS IL ROUTE 83			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA. 408+00	TO	STA. 418+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 67
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

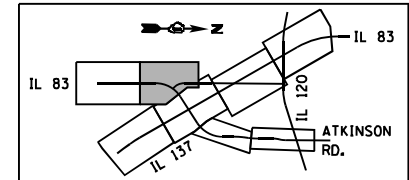


REMOVAL LEGEND

- ⊗ STUMP REMOVAL ONLY (WITH DIA. IN INCHES)
- ▨ STUMP REMOVAL (ACRES)

NOTE

STUMP SIZE IS BASED OFF INITIAL SURVEY OF TREE



1/24/2023 12:24:23 p:\exp-rem\rem\exp-rem\05\Documents\Projects\CH\021473-AB\CIVIL\CAD\60N11\Sht\remS07.dgn

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 USER NAME = garciaoz
 DESIGNED - AG
 DRAWN - AG
 CHECKED - BRH
 DATE - 01/30/23

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

PLOT SCALE = 100.0000' / in.
 PLOT DATE = 1/24/2023

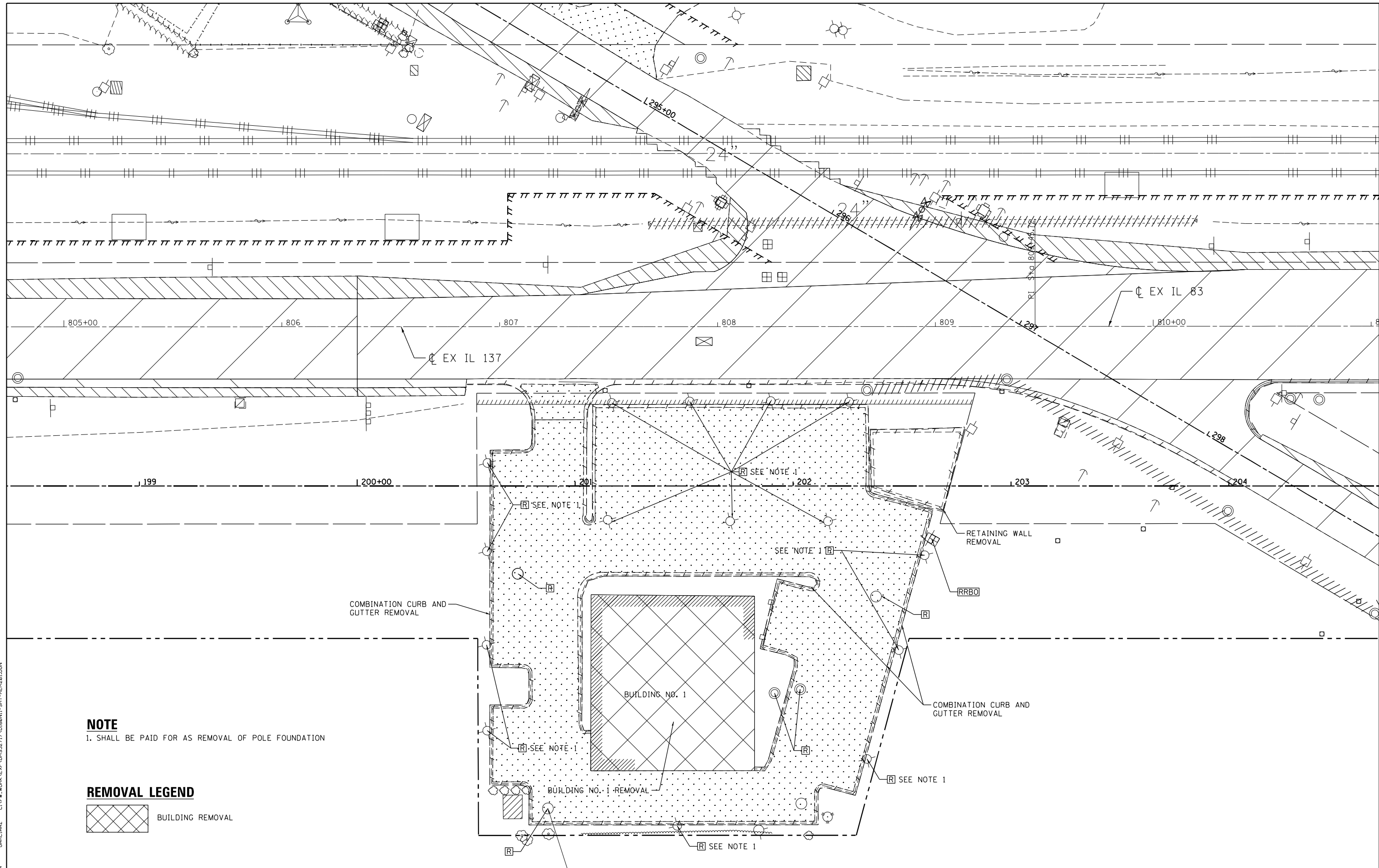
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

STUMP REMOVALS
 IL ROUTE 83

SCALE: 1"=50'
 SHEET OF SHEETS STA. 418+00 TO STA. 428+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	68
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

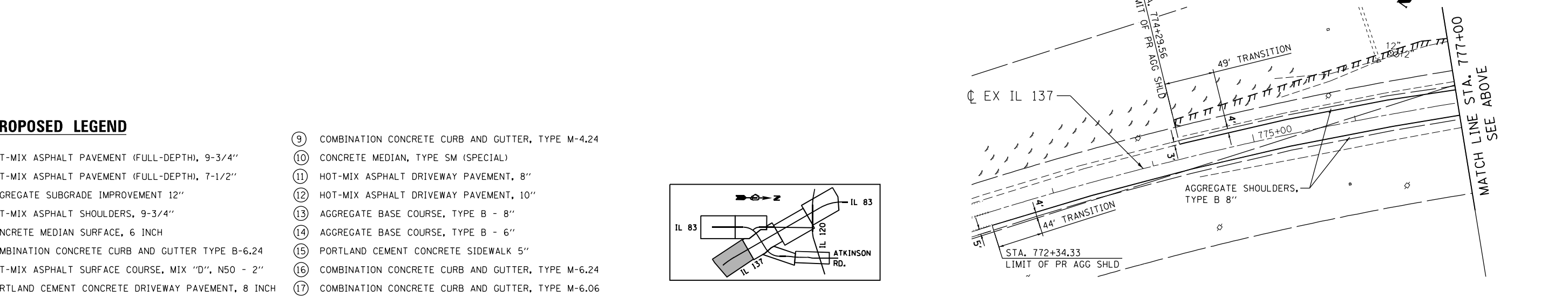
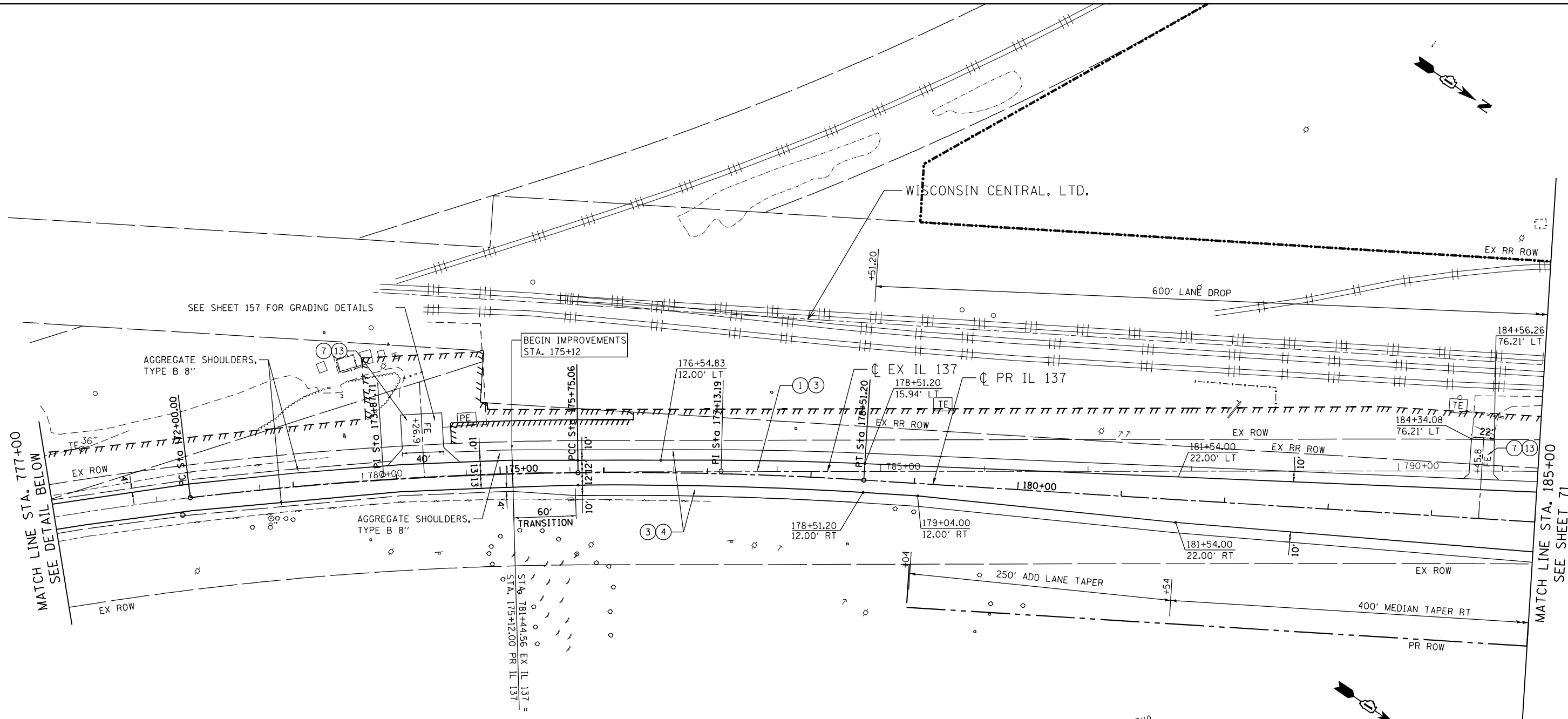
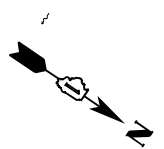
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 1-24-2023, 15:13:54
 GARCIAZ



NOTE
 1. SHALL BE PAID FOR AS REMOVAL OF POLE FOUNDATION

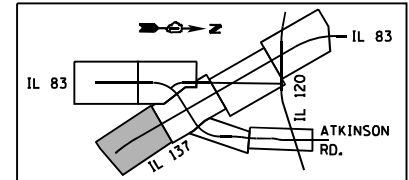
REMOVAL LEGEND
 BUILDING REMOVAL

FILE NAME =	USER NAME = garciaz	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)		BUILDING DEMOLITION PLAN BUILDING NO. 1		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	CHECKED - AG	REVISED -	SCALE: 1"=20'		SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60N11				
		DATE - 01/30/23	REVISED -					ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

- ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4"
- ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ HOT-MIX ASPHALT SHOULDERS, 9-3/4"
- ⑤ CONCRETE MEDIAN SURFACE, 6 INCH
- ⑥ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- ⑧ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑩ CONCRETE MEDIAN, TYPE SM (SPECIAL)
- ⑪ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"
- ⑫ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"
- ⑬ AGGREGATE BASE COURSE, TYPE B - 8"
- ⑭ AGGREGATE BASE COURSE, TYPE B - 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06



\D:\60N11-MOTIF\01.DGN, \D:\60N11-LEGEND\01.DGN, \D:\60N11-MOTIF\01.DGN
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 GARCIAAZ

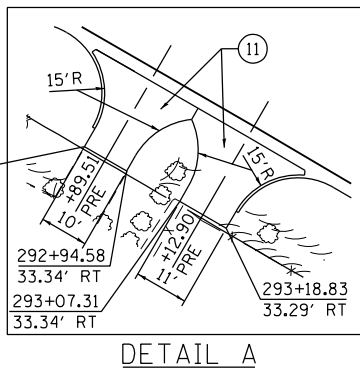
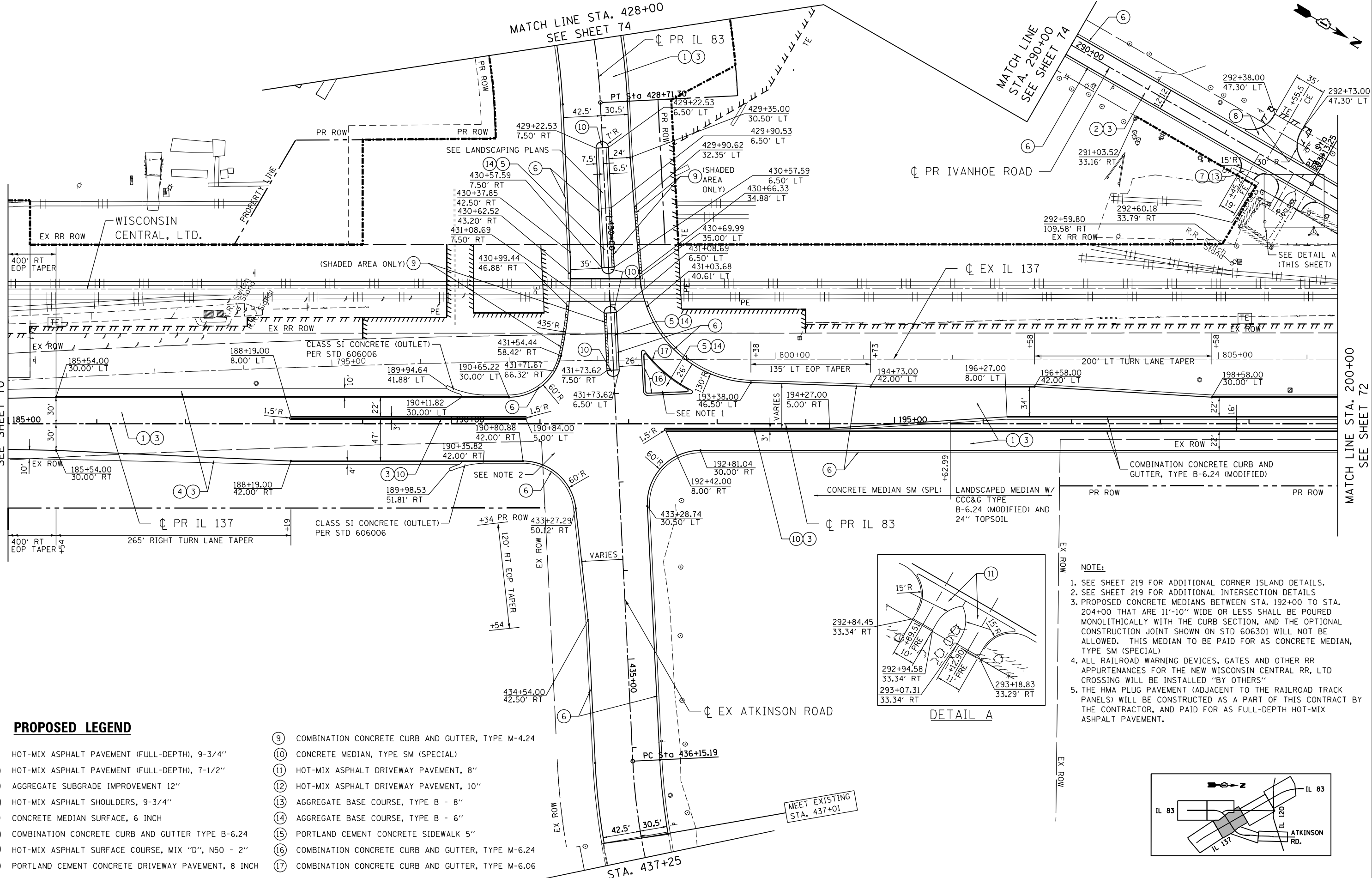
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#FILES#	PLOT SCALE = 100.0000' / in.	DRAWN - JB	REVISED -		SCALE: 1"=50'	SHEET 1 OF 7 SHEETS	STA. 172+00 TO STA. 185+00	CONTRACT NO. 60N11				
exp U.S. Services Inc. Chicago, IL	PLOT DATE = 1/24/2023	CHECKED - AG	REVISED -		ILLINOIS FED. AID PROJECT							

MATCH LINE STA. 428+00
SEE SHEET 74

MATCH LINE
STA. 290+00
SEE SHEET 74

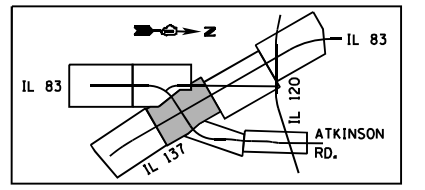
MATCH LINE STA. 185+00
SEE SHEET 70

MATCH LINE STA. 200+00
SEE SHEET 72



NOTE:

- SEE SHEET 219 FOR ADDITIONAL CORNER ISLAND DETAILS.
- SEE SHEET 219 FOR ADDITIONAL INTERSECTION DETAILS.
- PROPOSED CONCRETE MEDIANS BETWEEN STA. 192+00 TO STA. 204+00 THAT ARE 11'-10" WIDE OR LESS SHALL BE POURED MONOLITHICALLY WITH THE CURB SECTION, AND THE OPTIONAL CONSTRUCTION JOINT SHOWN ON STD 606301 WILL NOT BE ALLOWED. THIS MEDIAN TO BE PAID FOR AS CONCRETE MEDIAN, TYPE SM (SPECIAL).
- ALL RAILROAD WARNING DEVICES, GATES AND OTHER RR APPURTENANCES FOR THE NEW WISCONSIN CENTRAL RR, LTD CROSSING WILL BE INSTALLED "BY OTHERS"
- THE HMA PLUG PAVEMENT (ADJACENT TO THE RAILROAD TRACK PANELS) WILL BE CONSTRUCTED AS A PART OF THIS CONTRACT BY THE CONTRACTOR, AND PAID FOR AS FULL-DEPTH HOT-MIX ASPHALT PAVEMENT.



- PROPOSED LEGEND**
- ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4"
 - ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ④ HOT-MIX ASPHALT SHOULDERS, 9-3/4"
 - ⑤ CONCRETE MEDIAN SURFACE, 6 INCH
 - ⑥ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
 - ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
 - ⑧ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
 - ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
 - ⑩ CONCRETE MEDIAN, TYPE SM (SPECIAL)
 - ⑪ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"
 - ⑫ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"
 - ⑬ AGGREGATE BASE COURSE, TYPE B - 8"
 - ⑭ AGGREGATE BASE COURSE, TYPE B - 6"
 - ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5"
 - ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
 - ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06

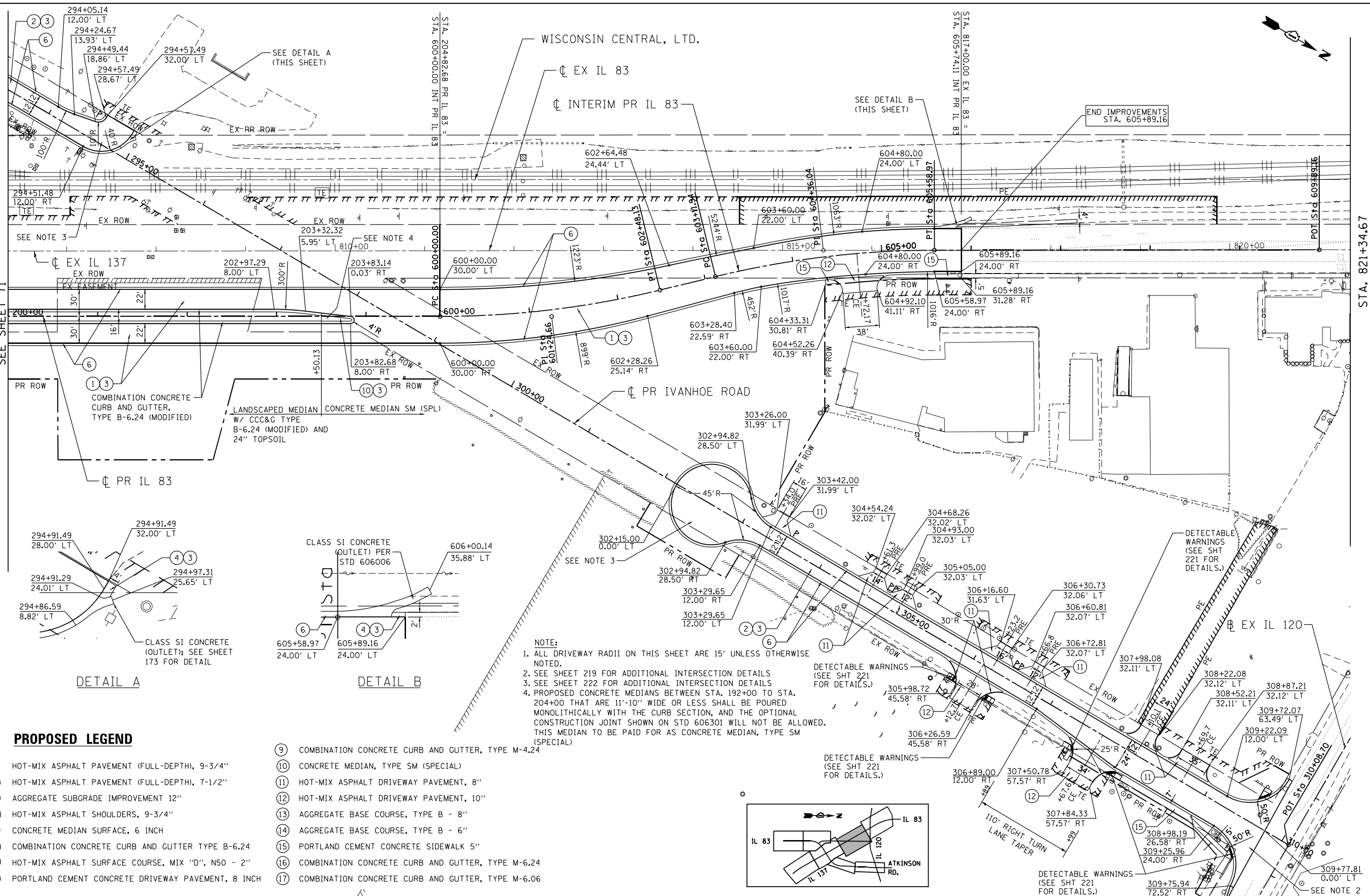
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FILE NAME =	USER NAME = GARCIAAZ	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	PROPOSED ROADWAY PLAN IL ROUTE 137 /IL ROUTE 83		F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 71	
#FILES#	PLOT SCALE = 100.0000' / 1"	DRAWN - JB	REVISED -		SCALE: 1"=50'	SHEET 2 OF 7 SHEETS	STA. 185+00 TO STA. 200+00	CONTRACT NO. 60N11				
exp U.S. Services Inc. Chicago, IL	PLOT DATE = 3/2/2023	CHECKED - AG	REVISED -		ILLINOIS FED. AID PROJECT							
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	DATE - 01/30/23	REVISED -	REVISED -									



MATCH LINE STA. 200+00
SEE SHEET 71

STA. 821+34.67



DETAIL A

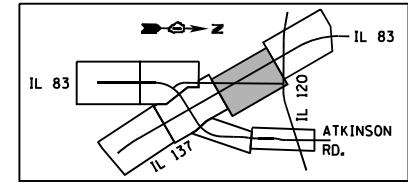
DETAIL B

NOTE:

1. ALL DRIVEWAY RADII ON THIS SHEET ARE 15' UNLESS OTHERWISE NOTED.
2. SEE SHEET 219 FOR ADDITIONAL INTERSECTION DETAILS
3. SEE SHEET 222 FOR ADDITIONAL INTERSECTION DETAILS
4. PROPOSED CONCRETE MEDIANS BETWEEN STA. 192+00 TO STA. 204+00 THAT ARE 11'-10" WIDE OR LESS SHALL BE POURED MONOLITHICALLY WITH THE CURB SECTION, AND THE OPTIONAL CONSTRUCTION JOINT SHOWN ON STD 606301 WILL NOT BE ALLOWED. THIS MEDIAN TO BE PAID FOR AS CONCRETE MEDIAN, TYPE SM (SPECIAL)

PROPOSED LEGEND

- | | |
|--|---|
| ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4" | ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 |
| ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2" | ⑩ CONCRETE MEDIAN, TYPE SM (SPECIAL) |
| ③ AGGREGATE SUBGRADE IMPROVEMENT 12" | ⑪ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" |
| ④ HOT-MIX ASPHALT SHOULDERS, 9-3/4" | ⑫ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" |
| ⑤ CONCRETE MEDIAN SURFACE, 6 INCH | ⑬ AGGREGATE BASE COURSE, TYPE B - 8" |
| ⑥ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ⑭ AGGREGATE BASE COURSE, TYPE B - 6" |
| ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5" |
| ⑧ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 |
| | ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 |



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)

PROPOSED ROADWAY PLAN
IL ROUTE 83

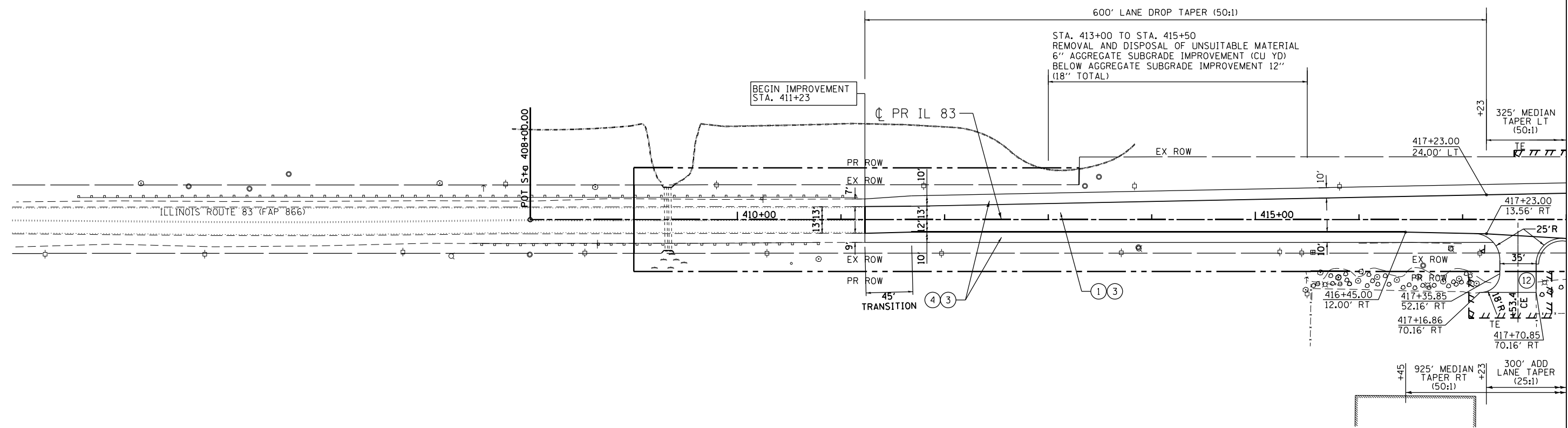
SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 200+00 TO STA. 215+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	72

CONTRACT NO. 60N11

ILLINOIS FED. AID PROJECT

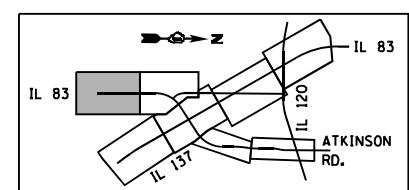
FILE NAME = ... USER NAME = garciaaz ... DESIGNED - JB ... DRAWN - JB ... CHECKED - AG ... DATE - 01/30/23 ...



MATCH LINE STA. 418+00
SEE SHEET 74

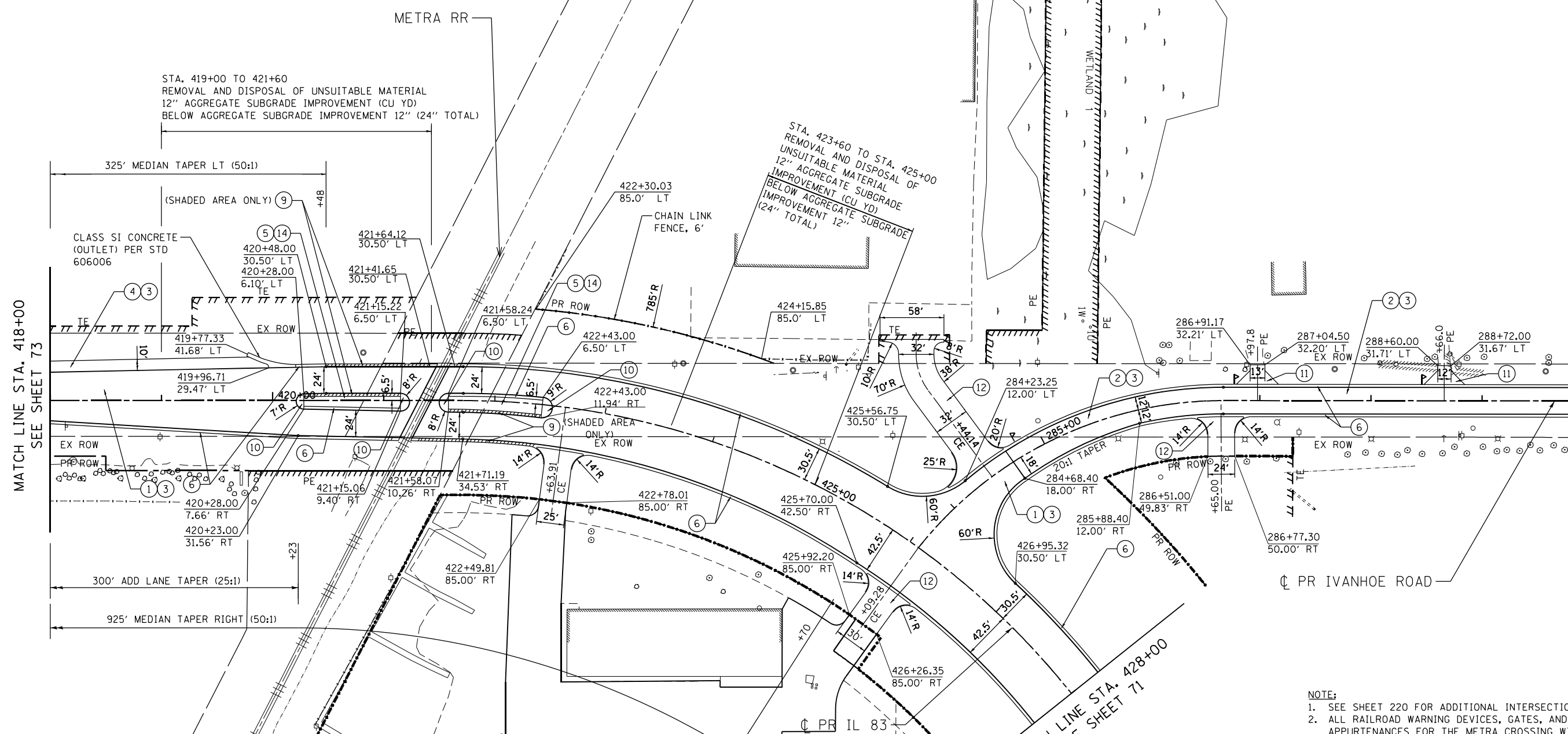
PROPOSED LEGEND

- | | |
|--|---|
| ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4" | ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 |
| ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2" | ⑩ CONCRETE MEDIAN, TYPE SM (SPECIAL) |
| ③ AGGREGATE SUBGRADE IMPROVEMENT 12" | ⑪ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" |
| ④ HOT-MIX ASPHALT SHOULDERS, 9-3/4" | ⑫ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" |
| ⑤ CONCRETE MEDIAN SURFACE, 6 INCH | ⑬ AGGREGATE BASE COURSE, TYPE B - 8" |
| ⑥ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ⑭ AGGREGATE BASE COURSE, TYPE B - 6" |
| ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5" |
| ⑧ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 |
| | ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 |



\\D:\60N11-MOTIF\01\01.DGN, \\D:\60N11-BORDER\01.DGN, \\D:\60N11-LEGEND\01.DGN
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 GARCIAZ

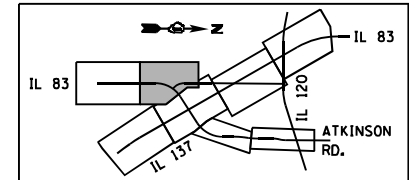
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#FILES#	PLOT SCALE = 100.0000' / in.	DRAWN - JB	REVISED -		SCALE: 1"=50'	SHEET 5 OF 7 SHEETS	STA. 408+00 TO STA. 418+00	CONTRACT NO. 60N11		ILLINOIS FED. AID PROJECT		
exp U.S. Services Inc. Chicago, IL	PLOT DATE = 1/24/2023	CHECKED - AG	REVISED -									
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	DATE - 01/30/23	REVISED -										



PROPOSED LEGEND

- ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-3/4"
- ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7-1/2"
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ HOT-MIX ASPHALT SHOULDERS, 9-3/4"
- ⑤ CONCRETE MEDIAN SURFACE, 6 INCH
- ⑥ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- ⑧ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑩ CONCRETE MEDIAN, TYPE SM (SPECIAL)
- ⑪ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"
- ⑫ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"
- ⑬ AGGREGATE BASE COURSE, TYPE B - 8"
- ⑭ AGGREGATE BASE COURSE, TYPE B - 6"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06

NOTE:
 1. SEE SHEET 220 FOR ADDITIONAL INTERSECTION DETAILS.
 2. ALL RAILROAD WARNING DEVICES, GATES, AND OTHER RR APPURTENANCES FOR THE METRA CROSSING WILL BE INSTALLED "BY OTHERS".
 3. THE HMA PLUG PAVEMENT (ADJACENT TO THE RAILROAD TRACK PANELS) WILL BE CONSTRUCTED AS A PART OF THIS CONTRACT BY THE CONTRACTOR, AND PAID FOR AS FULL-DEPTH HOT-MIX ASPHALT PAVEMENT.



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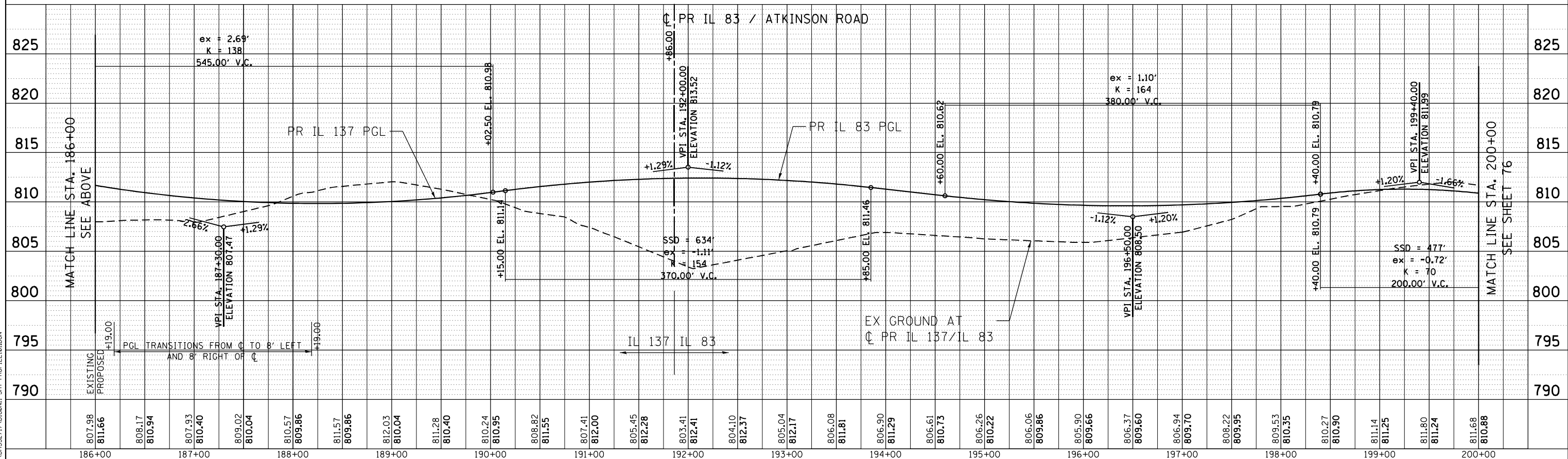
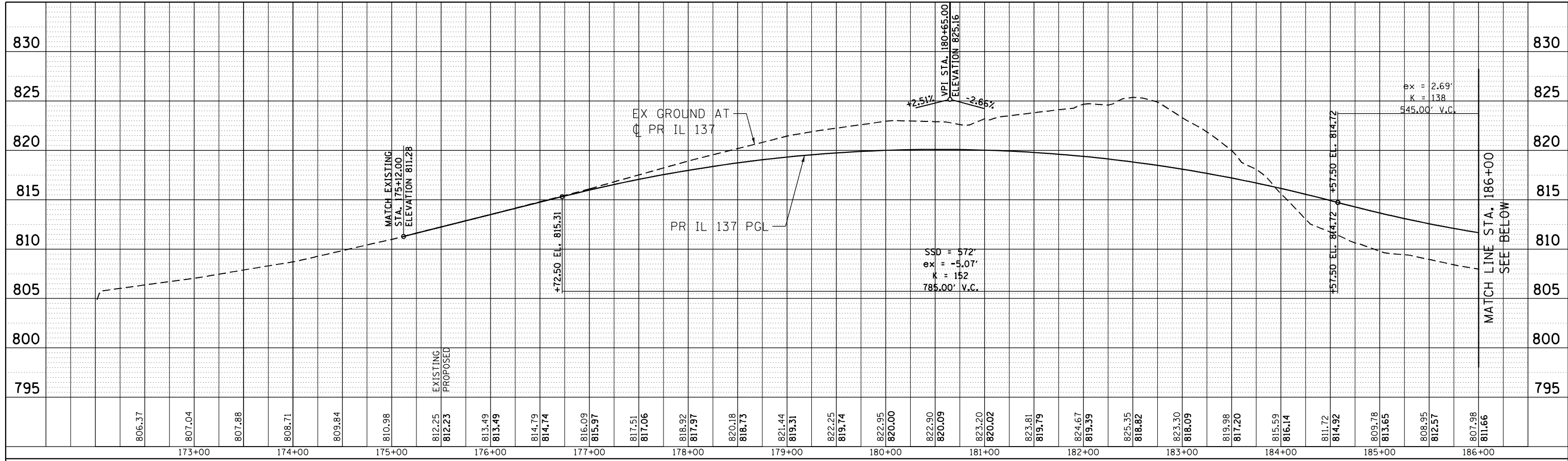
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

PROPOSED ROADWAY PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL ROUTE 83		866	3Y-R	LAKE	385	74
SCALE: 1"=50'		SHEET 6 OF 7 SHEETS		STA. 418+00 TO STA. 428+00		CONTRACT NO. 60N11
ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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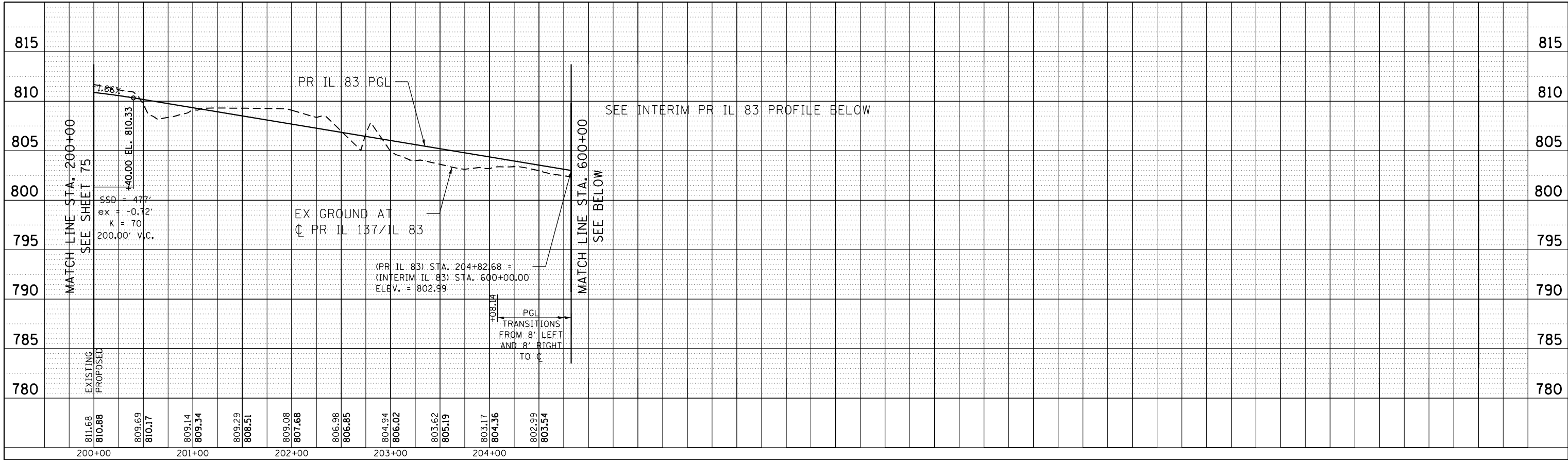
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exp U.S. Services Inc. Chicago, IL		CHECKED - AG	REVISED -
ILLINOIS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY		DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

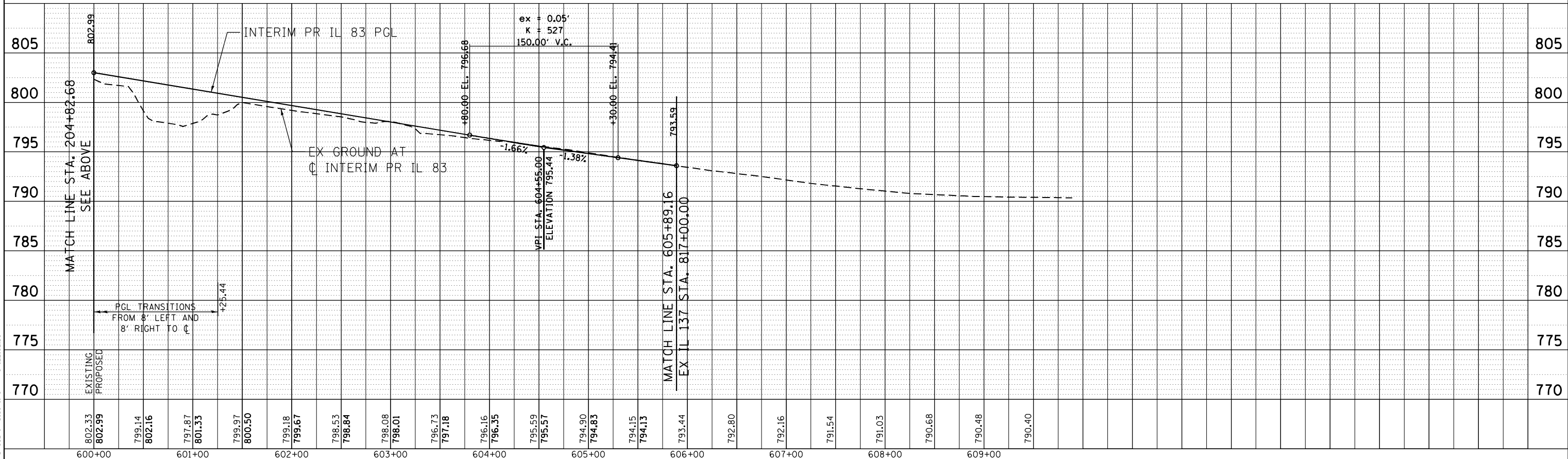
ROADWAY PROFILE	
IL ROUTE 137 / IL ROUTE 83	
SCALE: HORIZ. 1"=50'	VERT. 1"=5'
STA. 172+00	TO STA. 200+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 75
CONTRACT NO. 60N11				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
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	NOTE BOOK		
	NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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DRAWN -	JB	REVISED -	
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DATE -	01/30/23	REVISED -	
exp	U.S. Services Inc.		
	Chicago, IL		
	ILLINOIS-EARTH & ENVIRONMENT-ENERGY		
	INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY		
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PLOT DATE =	1/24/2023		

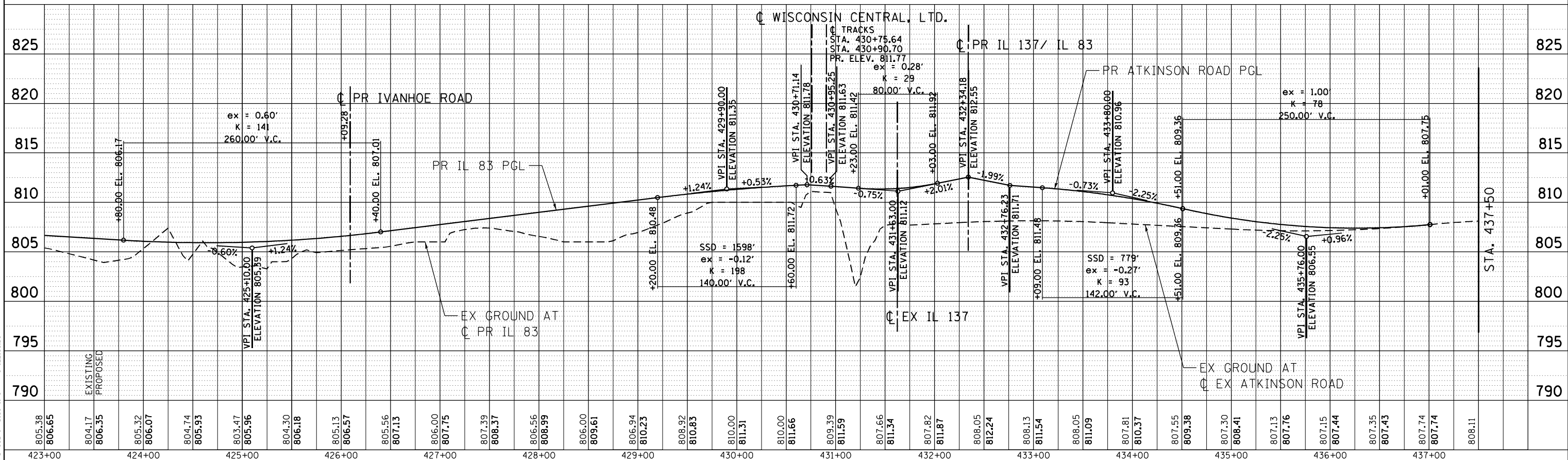
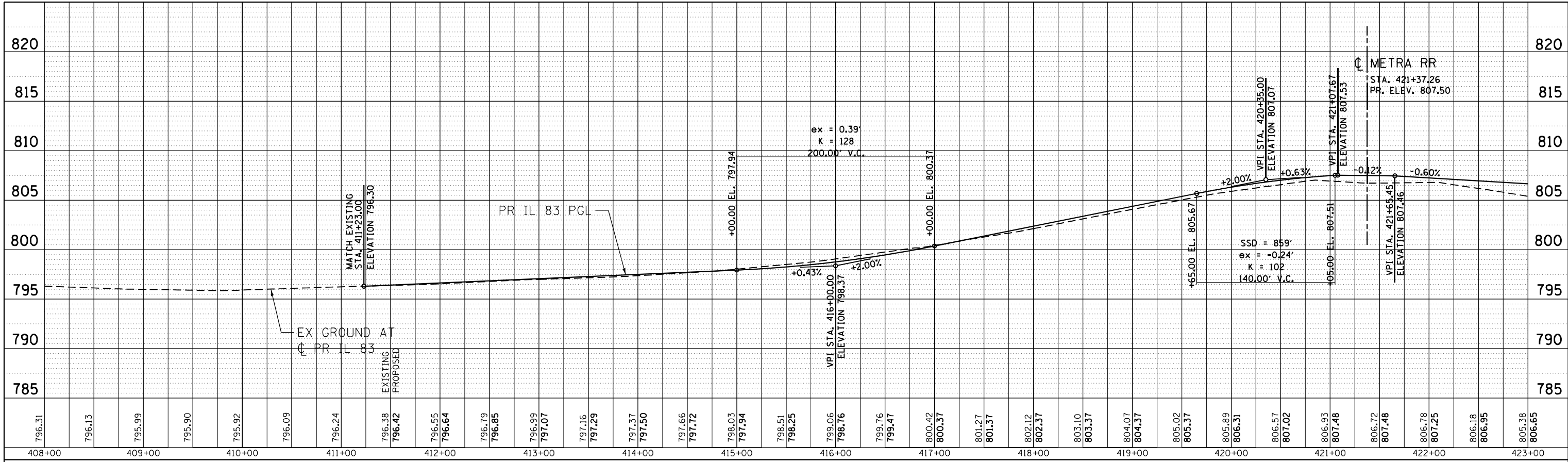
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

ROADWAY PROFILE	
IL ROUTE 83 /INTERIM IL ROUTE 83	
SCALE: HORIZ. 1"=50'	VERT. 1"=5'
STA. 200+00	TO STA. 214+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	76
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
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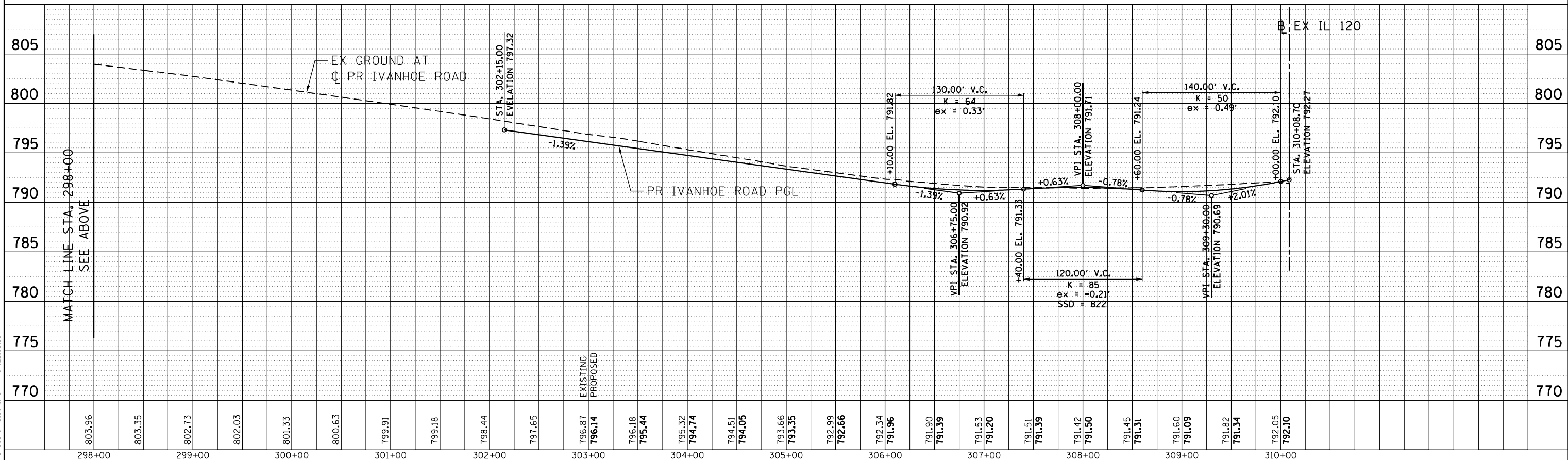
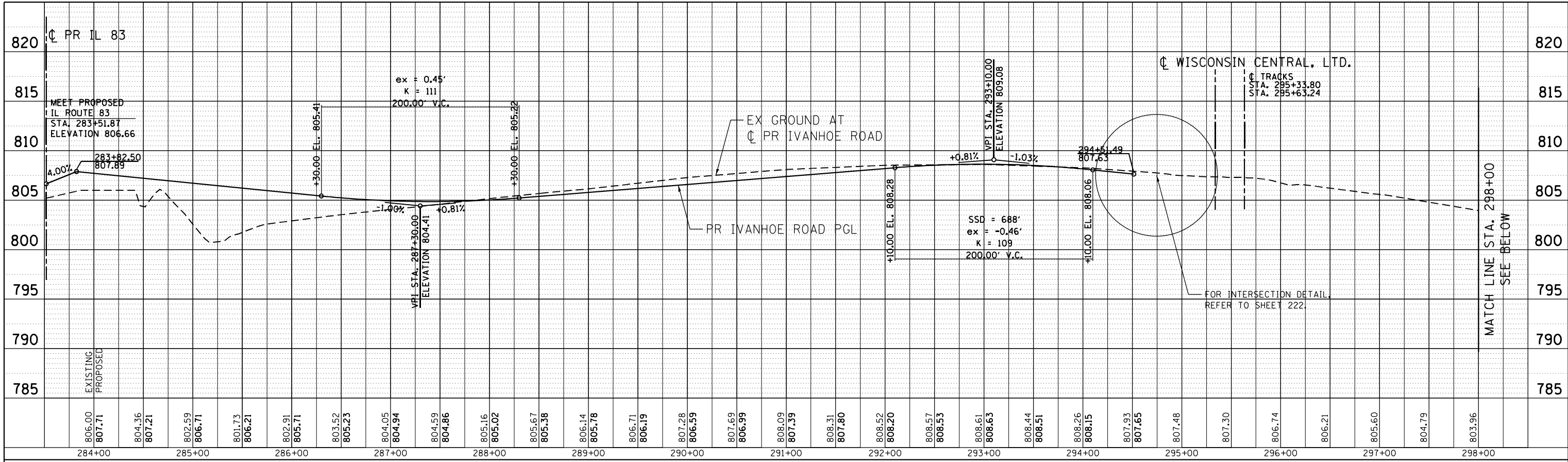


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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -		SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA. 408+00	TO STA. 437+50	CONTRACT NO. 60N11			
ILLINOIS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -		ILLINOIS FED. AID PROJECT							

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	NOTE BOOK		
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	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	ROADWAY PROFILE IVANHOE ROAD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 60N11						
ILLINOIS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. 283+51.87 TO STA. 310+00.00

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. SIGN TEXT AND COLOR SHALL BE PER MUTCD UNLESS OTHERWISE SPECIFIED.
2. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV AND/OR MODIFIED URETHANE USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL-GRINDING" WITHIN THE PROJECT LIMITS AND "PAVEMENT MARKING REMOVAL-WATER BLASTING" OUTSIDE THE PROJECT LIMITS.
3. THE WORK REQUIRED TO COMPLY WITH THE MAINTENANCE OF TRAFFIC GENERAL NOTES SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL), EXCEPT FOR PAY ITEMS WHICH HAVE BEEN ESTABLISHED IN THE CONTRACT AND ARE SHOWN ON THE PLANS.
4. ALL TRAFFIC CONTROL SIGNS AND DEVICES, WORK ZONE PAVEMENT MARKING, TEMPORARY CONCRETE BARRIERS AND ATTENUATORS NECESSARY FOR THE MAINTENANCE OF TRAFFIC, AS SHOWN ON THE PLANS, SHALL BE IN PLACE BEFORE THE START OF ANY CONSTRUCTION STAGE.
5. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED ON ALL FINAL PAVEMENT SURFACES AND EXISTING PAVEMENT SURFACES TO REMAIN. TEMPORARY MODIFIED URETHANE PAVEMENT MARKINGS SHALL BE USED ON TEMPORARY PAVEMENT OR EXISTING PAVEMENT THAT IS TO BE REMOVED.
6. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND. ALL CONSTRUCTION WARNING SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE SHOWN ON THE PLANS.
7. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS SHALL BE EQUIPPED WITH A TYPE B MONO-DIRECTIONAL FLASHING LIGHT.
8. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
9. BARRIER WALL MARKERS SHALL BE INSTALLED ON BOTH THE FACE OF THE TEMPORARY CONCRETE BARRIER WALL NEXT TO TRAFFIC, AND THE TOP OF SECTIONS OF THE TEMPORARY CONCRETE BARRIER WALL AS SHOWN IN STANDARD 704001. THE COLOR OF THESE REFLECTORS SHALL MATCH THE COLOR OF THE EDGE LINES (YELLOW ON THE LEFT AND CRYSTAL OR WHITE ON THE RIGHT).
10. TRAFFIC CONTROL AND PROTECTION SHALL BE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARD OR DISTRICT DETAIL FOR THE PROPOSED WORK. WORKERS SIGN SHALL BE USED ONLY WHEN WORKERS ARE PRESENT. FLAGGER SIGN SHALL BE USED ONLY WHEN FLAGGERS ARE PRESENT.
11. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
12. SIDE ROAD INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE AS SHOWN ON THE PLANS, AND IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
13. TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS WITHIN A WORK AREA. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE PAID FOR PER DISTRICT ONE DETAIL TC-26. THESE SIGNS SHALL BE RELOCATED AS REQUIRED FOR EACH CONSTRUCTION STAGE AND SHALL BE PLACED AS DIRECTED BY ENGINEER. THIS SIGN RELOCATION WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR TEMPORARY INFORMATION SIGNING.
14. TRAFFIC CONTROL FOR THE STAGE CONSTRUCTION OF INTERSECTIONS, STREET RETURNS, DRIVEWAYS AND OTHER ISOLATED AREAS THAT IS NOT SPECIFICALLY SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS BUT WHICH IS NECESSARY FOR CONSTRUCTION WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
15. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. TEMPORARY CONCRETE BARRIER WALL IS SHOWN ON THE PLANS WHERE THE DROP-OFF REQUIREMENTS FOR USING BARRICADES CANNOT BE MET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFFS ALONG THE REMAINING AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.
16. WHERE WORK AREAS ARE NOT SEPARATED FROM TRAFFIC BY THE TEMPORARY CONCRETE BARRIER WALL, WORK ON BOTH SIDES OF THE ROADWAY IN THE SAME DIRECTION, DURING THE SAME PERIOD WILL NOT BE ALLOWED.

SUGGESTED STAGING AND TRAFFIC CONTROL

PRE-STAGE

CONSTRUCTION:

1. CONSTRUCT TEMPORARY PAVEMENT ON ILLINOIS ROUTE 137 WEST SHOULDER FROM STATION 774+30 TO STATION 789+20.
2. BEGIN EARTHWORK, GRADING AND DRAINAGE OPERATION FOR CONSTRUCTION OF IL ROUTE 137 AND IL ROUTE 83 AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. CLOSE THE AGGREGATE SHOULDER AND MAINTAIN EXISTING TRAFFIC PATTERN ON ILLINOIS ROUTE 137 AS SHOWN ON THE PLANS.

STAGE I SUB-STAGE A

CONSTRUCTION:

1. BEGIN CONSTRUCTION OF IL ROUTE 137 ON PROPOSED ALIGNMENT AND RECONSTRUCTION OF ATKINSON ROAD AS SHOWN ON THE PLANS.
2. CONSTRUCT TEMPORARY PAVEMENT WITHIN THE PROPOSED MEDIAN AND CROSSOVER CONNECTION ALONG IL ROUTE 137 AS SHOWN ON THE PLANS.
3. CONSTRUCT REALIGNED IL ROUTE 83 ALONG THE CURVE AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. SHIFT IL ROUTE 137 TRAFFIC ON TO TEMPORARY PAVEMENT CONSTRUCTED DURING PRE-STAGE AND MAINTAIN A 11-FOOT WIDE THRU LANE EACH DIRECTION AND INSTALL TEMPORARY CONCRETE BARRIER AS SHOWN ON THE PLANS.
2. MAINTAIN EXISTING TRAFFIC PATTERN ALONG IL ROUTE 83.
3. CLOSE ATKINSON ROAD BETWEEN IL ROUTE 120 AND IL ROUTE 137 FOR TRAFFIC AND DETOUR AS SHOWN ON THE PLANS.

STAGE I SUB-STAGE B

CONSTRUCTION:

1. RECONSTRUCT PROPOSED IL ROUTE 83 AND COMPLETE CONSTRUCTION OF IL ROUTE 137 AND ATKINSON ROAD INTERSECTION AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. SHIFT IL ROUTE 137 TRAFFIC ON TO PROPOSED PAVEMENT AND MAINTAIN ONE 11-FOOT LANE EACH DIRECTION WITH AN 11-FOOT TURN LANE APPROACHING INTERSECTION.
2. CLOSE IL ROUTE 83 BETWEEN IL ROUTE 137 AND PETERSON ROAD FOR THRU VEHICLES AND DETOUR TRAFFIC AS SHOWN ON THE PLANS. MAINTAIN ACCESS TO LOCAL TRAFFIC AND BUSINESS AT ALL TIMES DURING IL ROUTE 83 CLOSURE.
3. MAINTAIN EXISTING TRAFFIC SIGNAL AT INTERSECTIONS OF IL ROUTE 137 AND IL ROUTE 83, AND EXISTING STOP CONTROL AT INTERSECTION OF IL ROUTE 137 AND ATKINSON ROAD.

STAGE I SUB-STAGE C

CONSTRUCTION:

1. RECONSTRUCT PROPOSED IL ROUTE 83 AND NORTH LEG OF IVANHOE ROAD AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. MAINTAIN TRAFFIC ALONG IL ROUTE 137 SIMILAR FROM STAGE I SUB-STAGE B.
2. OPEN IL ROUTE 83 TO TRAFFIC AND DIRECT TRAFFIC ALONG THE REALIGNED CURVE AS SHOWN ON THE PLANS.
3. INSTALL TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF REALIGNED IL ROUTE 83/IL ROUTE 137 AND ATKINSON ROAD.
4. REMOVE THE EXISTING TRAFFIC SIGNAL FROM THE INTERSECTION OF IL ROUTE 137 /IL ROUTE 83 AND IVANHOE ROAD.
5. CLOSE NORTH LEG OF IVANHOE ROAD FOR THRU VEHICLES AND DIRECT TRAFFIC ALONG IL ROUTE 120 AND IL ROUTE 137. MAINTAIN ACCESS TO LOCAL TRAFFIC AT ALL TIMES DURING IVANHOE NORTH LEG CLOSURE.

STAGE II

CONSTRUCTION:

1. COMPLETE RECONSTRUCTION OF IL ROUTE 137 ON NEW ALIGNMENT WEST OF THE CENTERLINE AS SHOWN ON THE PLANS.
2. COMPLETE RECONSTRUCTION OF SOUTH LEG OF IVANHOE ROAD.

TRAFFIC CONTROL:

1. SHIFT IL ROUTE 137 ON PROPOSED PAVEMENT AND MAINTAIN ONE 11' THROUGH LANE AND AN 11' LT/RT TURN LANE APPROACHING INTERSECTION WITHIN THE PROJECT LIMITS AS SHOWN ON THE PLANS.
2. MAINTAIN TRAFFIC STAGING ALONG IL ROUTE 83 FROM STAGE I SUB-STAGE C. CLOSE SOUTH LEG OF IVANHOE ROAD FOR THRU TRAFFIC AND MAINTAIN ACCESS THROUGH REALIGNED IL ROUTE 83.

STAGE III

CONSTRUCTION:

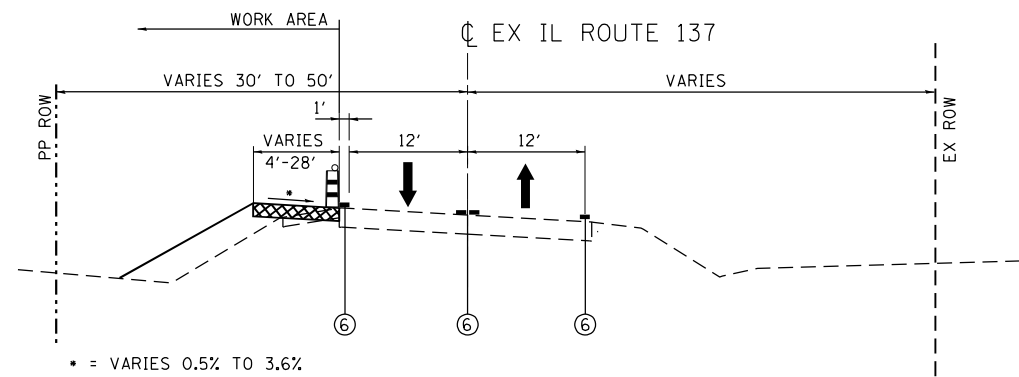
1. CONSTRUCT THE PROPOSED MEDIAN AND CURB AND GUTTER ALONG NORTH END OF PROJECT LIMIT ON IL ROUTE 137 AND REMOVE TEMPORARY PAVEMENT INSTALLED IN EARLIER STAGES.

TRAFFIC CONTROL:

1. MAINTAIN THE PROPOSED TRAFFIC PATTERN ON IL ROUTE 83, IL ROUTE 137, ATKINSON ROAD AND IVANHOE ROAD

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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 2.0000' / in.	CHECKED - KA	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60N11	
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -		ILLINOIS FED. AID PROJECT								



PRE-STAGE TYPICAL SECTION - IL ROUTE 137
(AT SOUTH END OF PROJECT)

PRE-STAGE NOTES:

- 1) CONSTRUCT TEMPORARY PAVEMENT TO ACCOMMODATE TRAFFIC FOR THE NEXT STAGE WITH DAILY LANE CLOSURES.
- 2) MATCH EXISTING ROADWAY CROSS SLOPE.

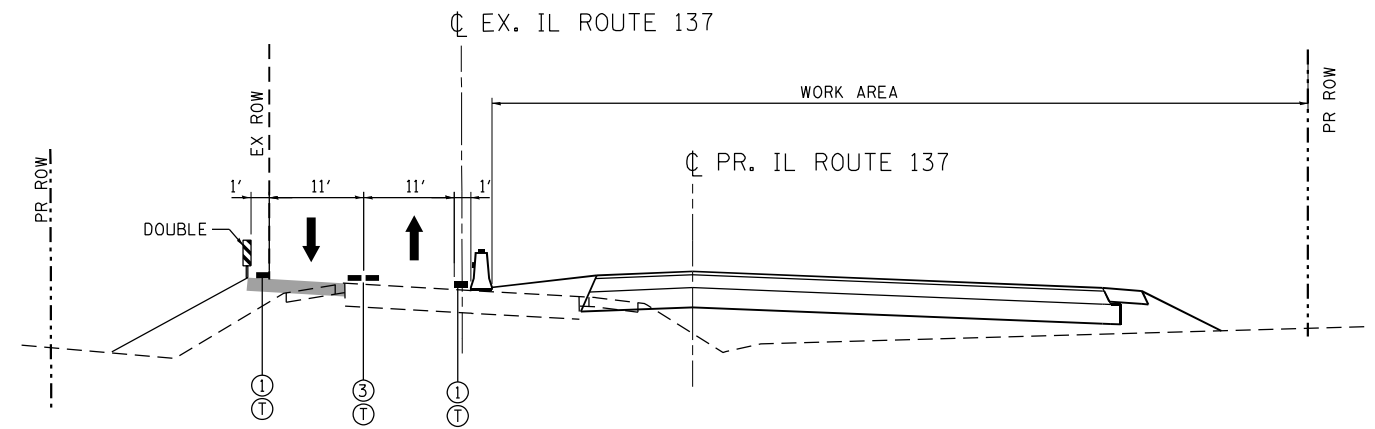
TEMPORARY PAVEMENT NOTES:

- 1) TEMPORARY PAVEMENT SHALL BE DEFINED AS PORTLAND CEMENT CONCRETE OR HMA PAVEMENT (SEE DETAIL ON SHEET 81) AND SHALL INCLUDE SUBBASE GRANULAR MATERIAL TYPE B 4" AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ. YD. FOR TEMPORARY PAVEMENT.
- 2) IF CONTRACTOR CHOOSES TO USE PC CONCRETE TEMPORARY PAVEMENT, THE PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS.
- 3) TEMPORARY PAVEMENT REMOVAL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.YD. FOR PAVEMENT REMOVAL.
- 4) SUBBASE GRANULAR MATERIAL, TYPE B 4" WILL NOT BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ.YD. FOR PAVEMENT REMOVAL. THE REMOVAL OF SUBBASE GRANULAR MATERIAL, TYPE B REQUIRED BY THE PROPOSED CROSS SECTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- 5) THE THICKNESS OF THE SUB BASE GRANULAR MATERIAL TYPE B SHALL BE INCREASED TO 12" IN AREAS OF SUBGRADE SOILS WITH AN IBR < 2.5. THE INCREASED THICKNESS SUB BASE GRANULAR MATERIAL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR SUB BASE GRANULAR MATERIAL TYPE B 8".

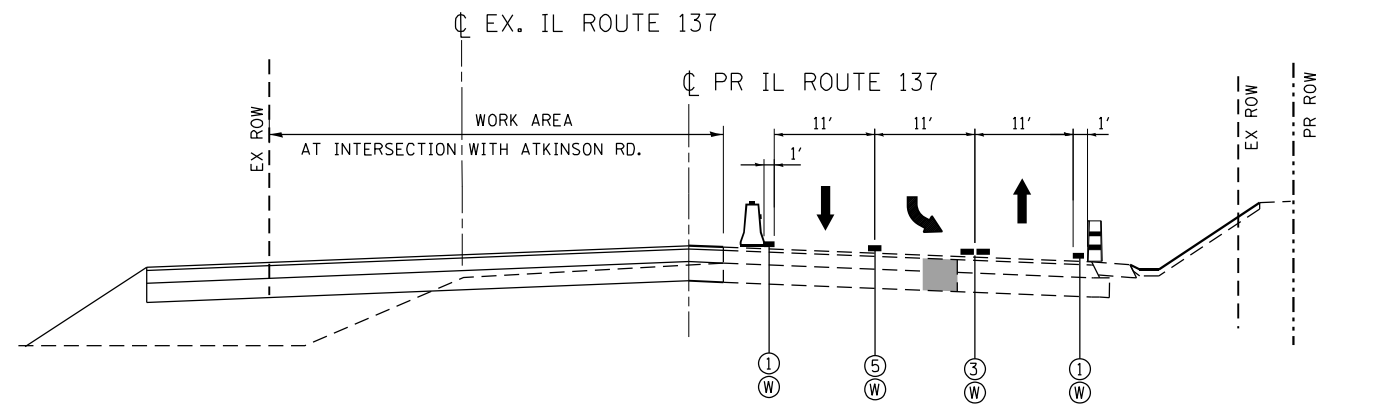
LEGEND

- | | | | |
|--|--|---|----------------------------------|
| | TEMPORARY PAVEMENT, CURRENT STAGE | ① | PVT MK - LINE 4" WHITE |
| | TEMPORARY PAVEMENT, PREVIOUS STAGE | ② | PVT MK - LINE 4" YELLOW |
| | DIRECTION OF TRAFFIC FLOW | ③ | PVT MK - DBL 4" YELLOW @ 11" C-C |
| | TEMPORARY CONCRETE BARRIER | ④ | PVT MK - LINE 6" YELLOW |
| | W/BI-DIRECTIONAL CRYSTAL TYPE C REFLECTORS PER STANDARDS 704001 & 782006 (*) | ⑤ | PVT MK - LINE 6" WHITE |
| | DRUMS OR TYPE II BARRICADES (AT SPECIFIED SPACING) | ⑥ | EXISTING PAVEMENT MARKING |
| | VERTICAL PANELS (AT SPECIFIED SPACING) | ⑦ | PVT MK - LTRS - SYMB |
| | | ⑧ | PVT MK - LINE 6" WHITE |
| | | ① | MOD URETH PM |
| | | Ⓜ | TMP PVT MK T4 TAPE |
| | | Ⓟ | PERM PVT MK |

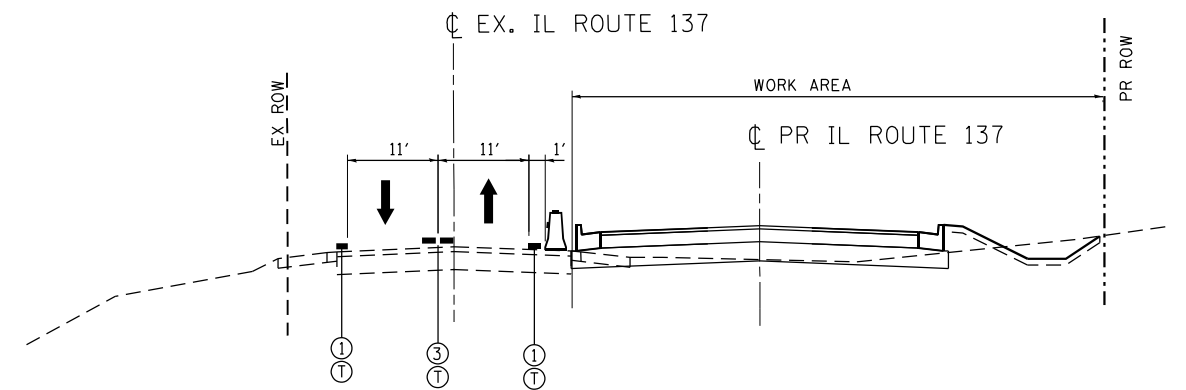
* TYPE C REFLECTORS SHALL BE CONSIDERED INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER



STAGE 1A TYPICAL SECTION - IL ROUTE 137 / IL ROUTE 83
(AT SOUTH END OF PROJECT)



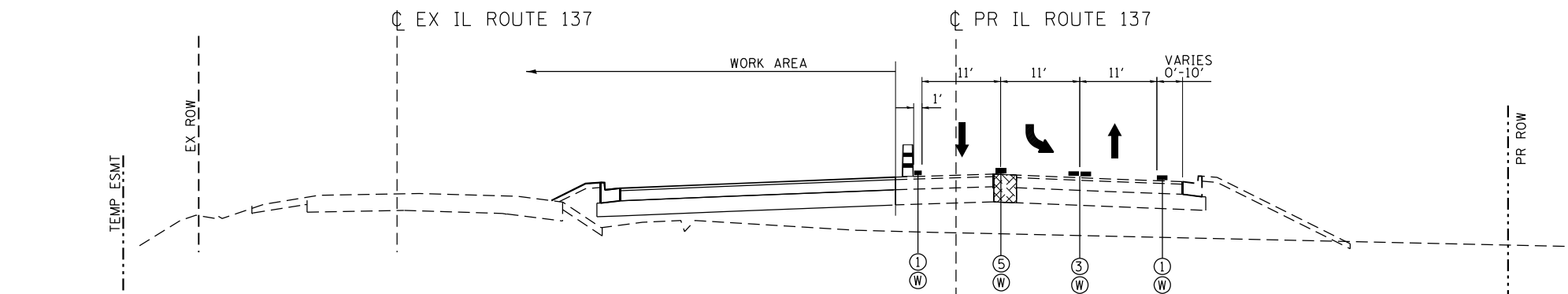
STAGE 1B TYPICAL SECTION - IL ROUTE 137 / IL ROUTE 83
(AT ATKINSON RD.)



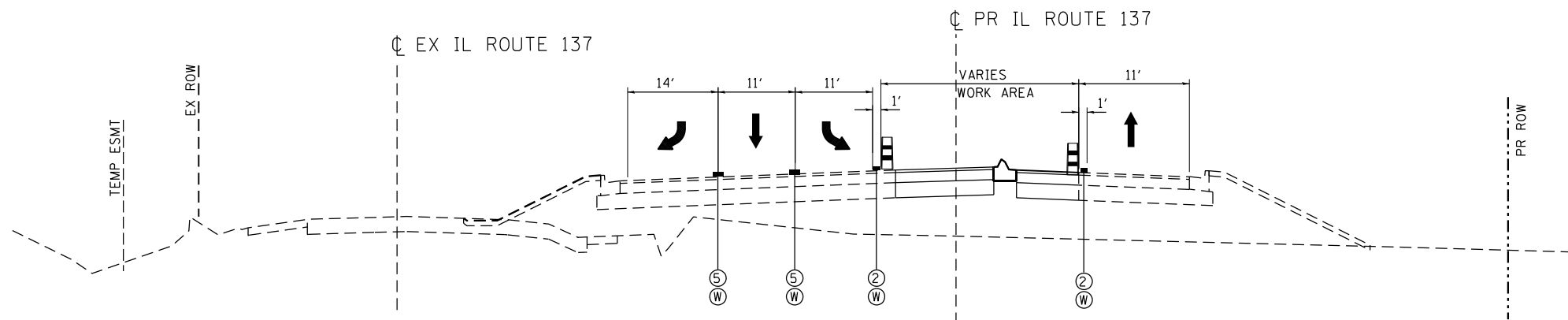
STAGE 1C TYPICAL SECTION - IL ROUTE 137 / IL ROUTE 83
(AT NORTH END OF PROJECT)

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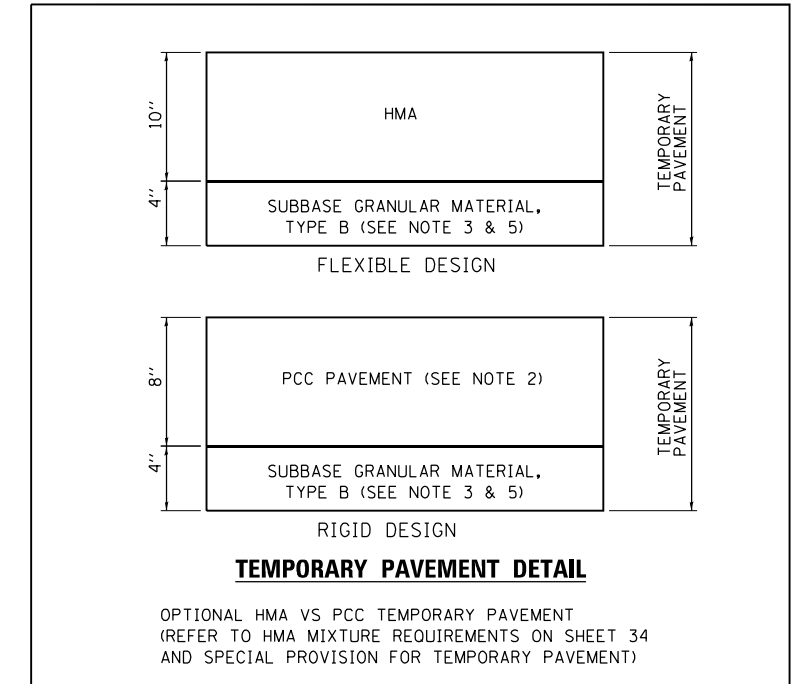
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 20.0000' / in.	CHECKED - BRH	REVISED -		ILLINOIS FED. AID PROJECT								
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/13/2023	DATE - 01/30/23	REVISED -										



STAGE 2 TYPICAL SECTION - IL ROUTE 137 / IL ROUTE 83
(AT NORTH OF ATKINSON RD.)



STAGE 3 TYPICAL SECTION - IL ROUTE 137 / IL ROUTE 83
(AT NORTH OF ATKINSON RD.)



LEGEND

- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY CONCRETE BARRIER W/BI-DIRECTIONAL CRYSTAL TYPE C REFLECTORS PER STANDARDS 704001 & 782006 (*)
- DRUMS OR TYPE II BARRICADES (AT SPECIFIED SPACING)
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 6" WHITE
- ⑥ EXISTING PAVEMENT MARKING
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

* TYPE C REFLECTORS SHALL BE CONSIDERED INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER

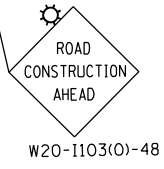
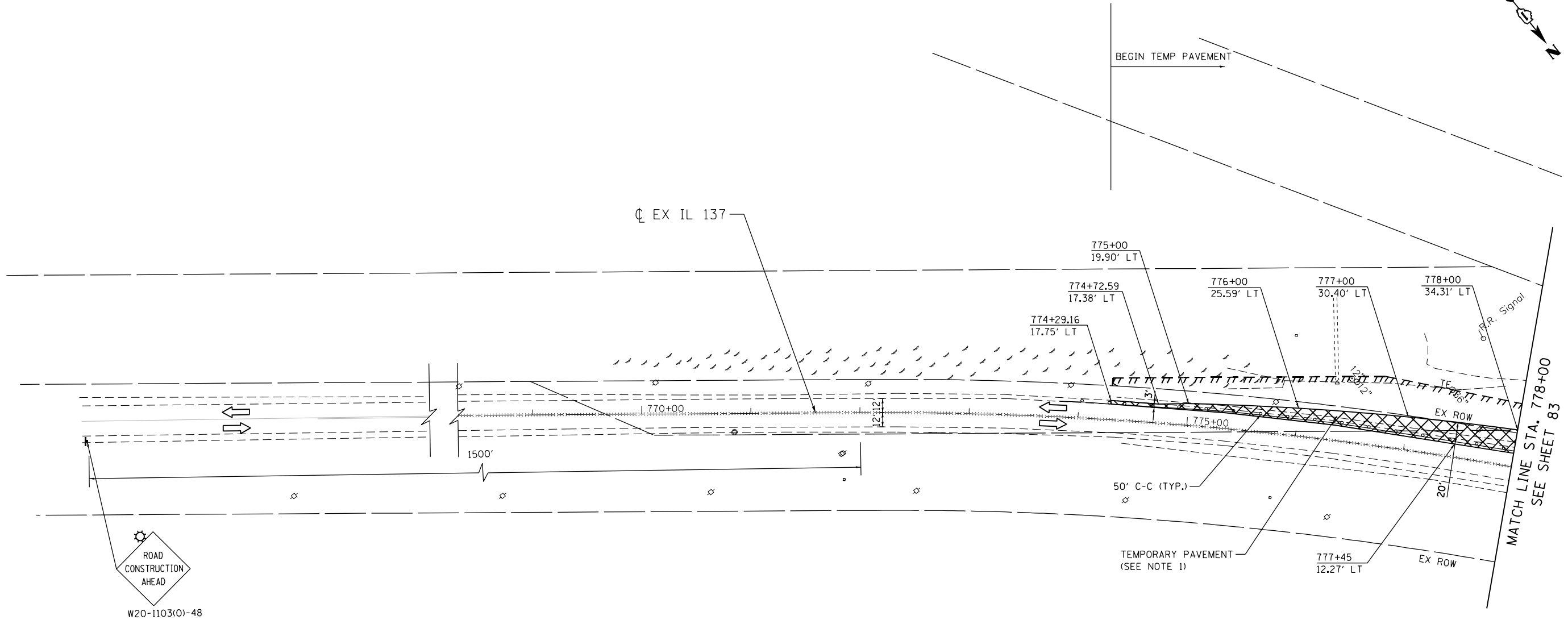
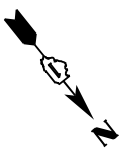
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 3/13/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL			
ATKINSON ROAD			
TYPICAL SECTIONS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	81
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 778+00
SEE SHEET 83

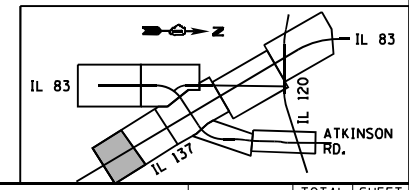
LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

NOTES:

1. TRAFFIC CONTROL AND PROTECTION DURING TEMPORARY PAVEMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701326 AND AS SHOWN ON THE PLANS.
2. BEFORE COMMENCEMENT OF THE WORK, CONTRACTOR SHALL INSTALL CHANGEABLE MESSAGE SIGNS AT A LOCATION DIRECTED BY THE ENGINEER



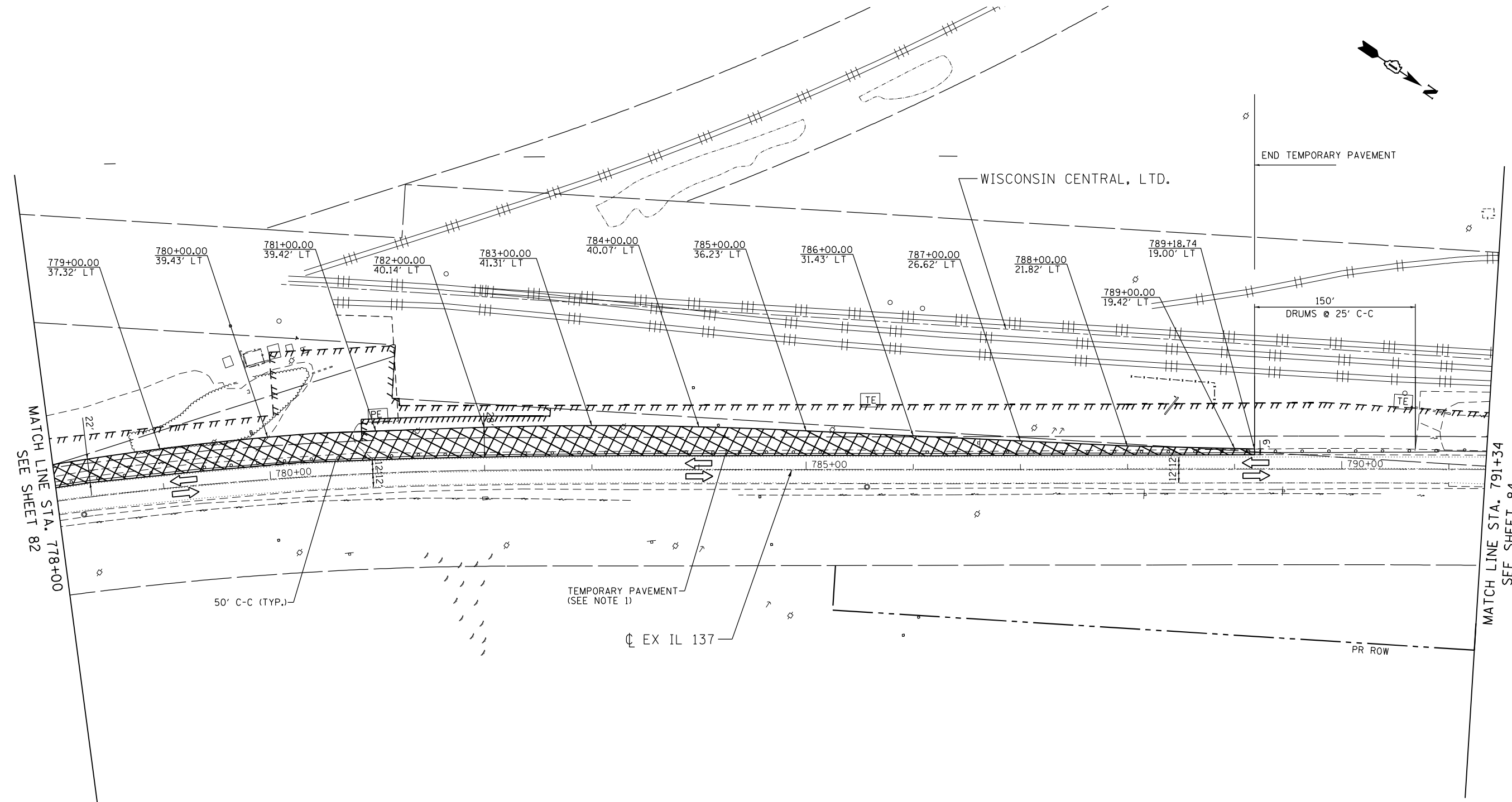
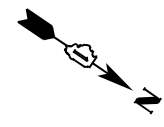
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL			
IL ROUTE 137			
PRE-STAGE			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 770+00 TO STA. 778+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	82
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 778+00
SEE SHEET 82

MATCH LINE STA. 791+34
SEE SHEET 84

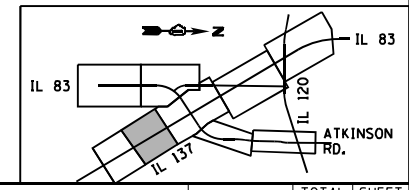
LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING)
- SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

NOTE:

1. TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY PAVEMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701326 AND AS SHOWN ON THE PLANS.
2. BEFORE COMMENCEMENT OF WORK, CONTRACTOR SHALL INSTALL CHANGEABLE MESSAGE SIGN AT LOCATION SHOWN BY THE ENGINEER.



\D:\60N11-MOTIF\01.DGN, \D:\60N11-BORDER\01.DGN, \D:\60N11-LEGEND\01.DGN, \D:\60N11-SHT-STAGING\02.DGN
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 GARCIAZ

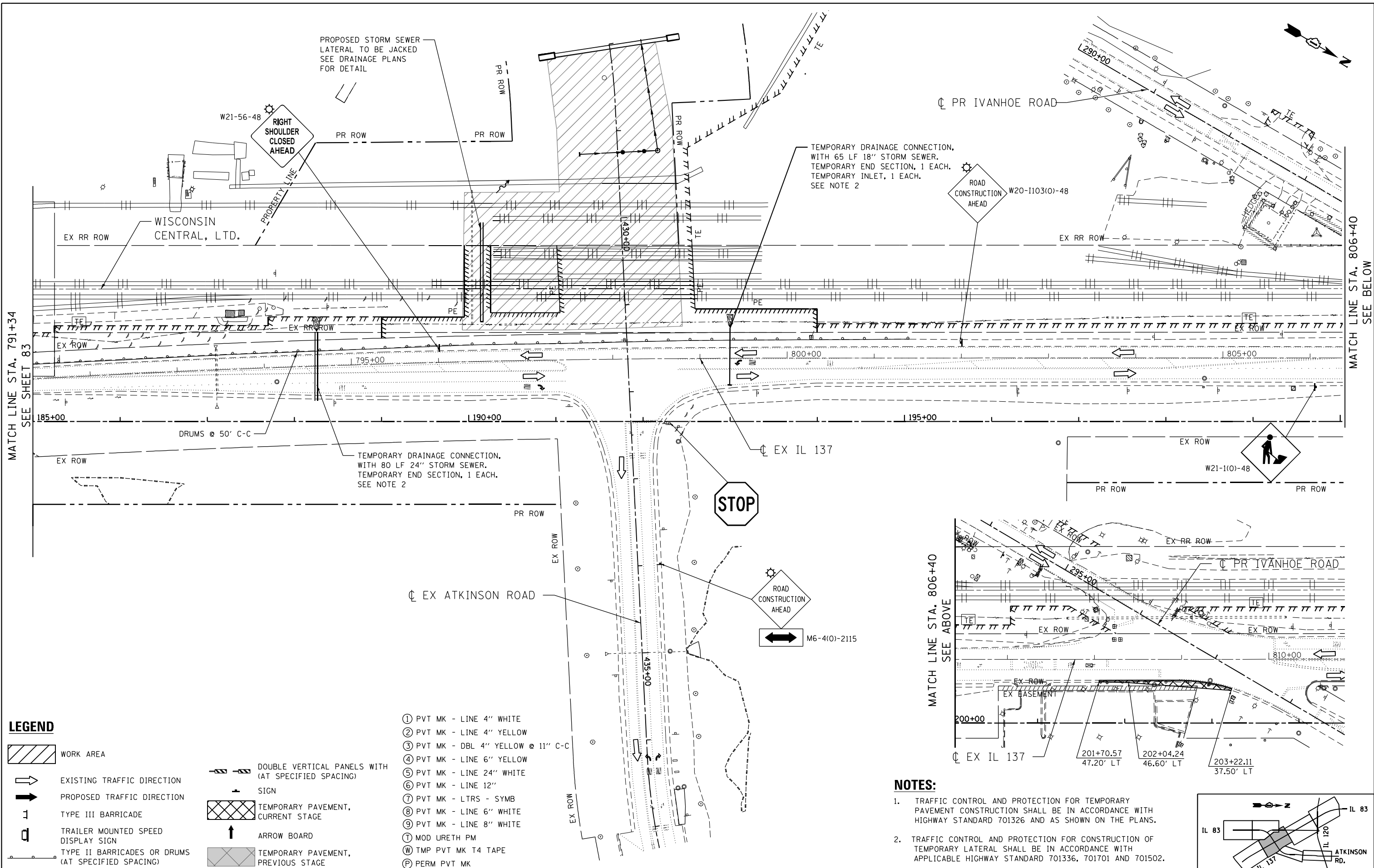
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 137
PRE-STAGE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	83
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET OF SHEETS STA. 778+00 TO STA. 791+34



MATCH LINE STA. 791+34
SEE SHEET 83

MATCH LINE STA. 806+40
SEE BELOW

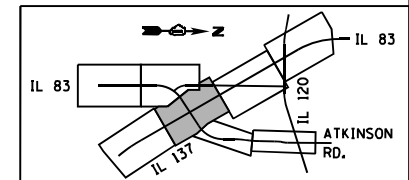
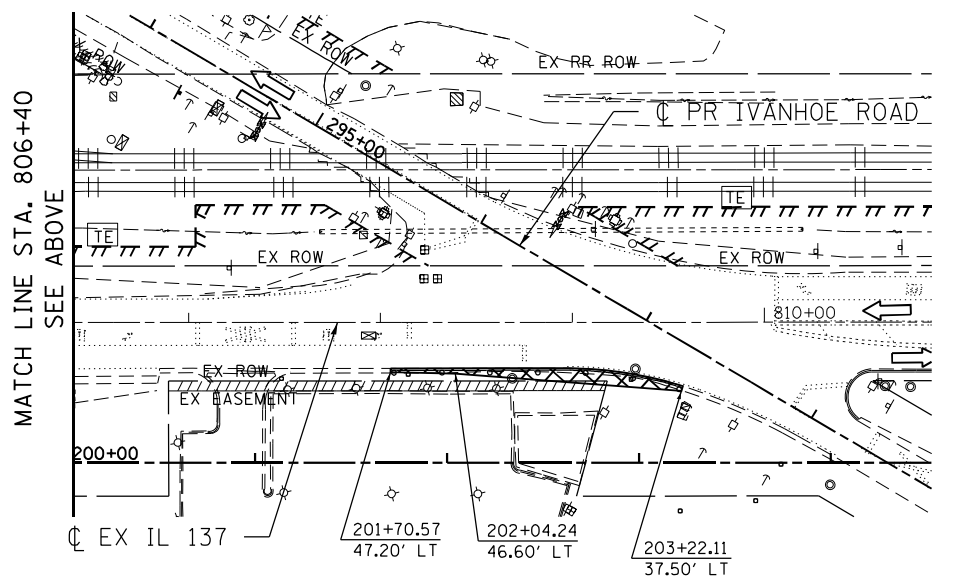
LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓜ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓜ PERM PVT MK

NOTES:

1. TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY PAVEMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701326 AND AS SHOWN ON THE PLANS.
2. TRAFFIC CONTROL AND PROTECTION FOR CONSTRUCTION OF TEMPORARY LATERAL SHALL BE IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARD 701336, 701701 AND 701502.



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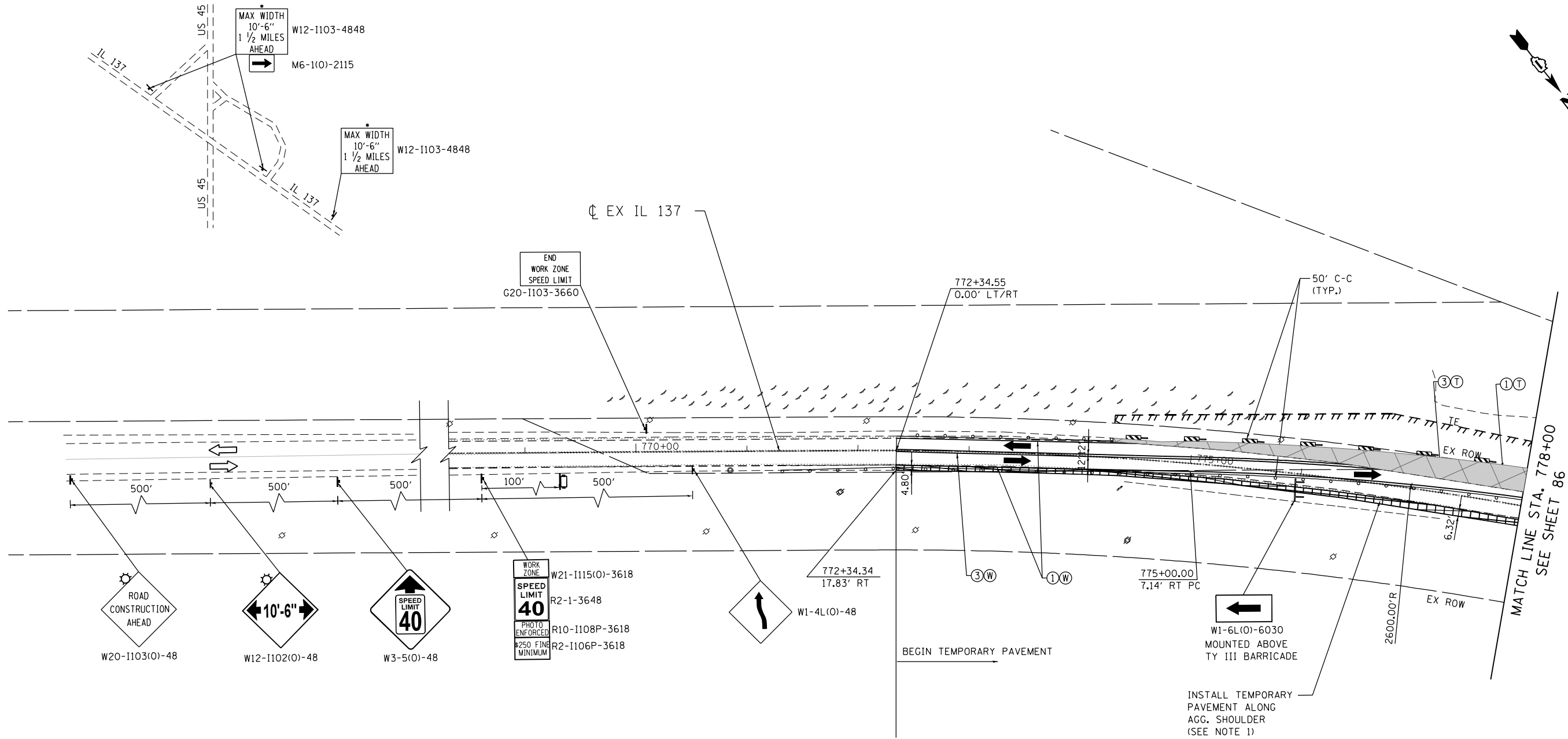
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 137 /IL ROUTE 83
PRE-STAGE

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 84
SCALE: 1"=50'				CONTRACT NO. 60N11
SHEET OF SHEETS STA. 791+34 TO STA. 200+00		ILLINOIS FED. AID PROJECT		

• MAX WIDTH SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF STAGE III



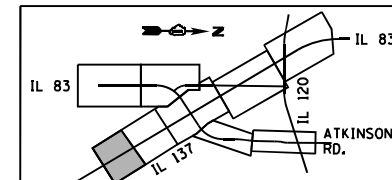
LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING)
- SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

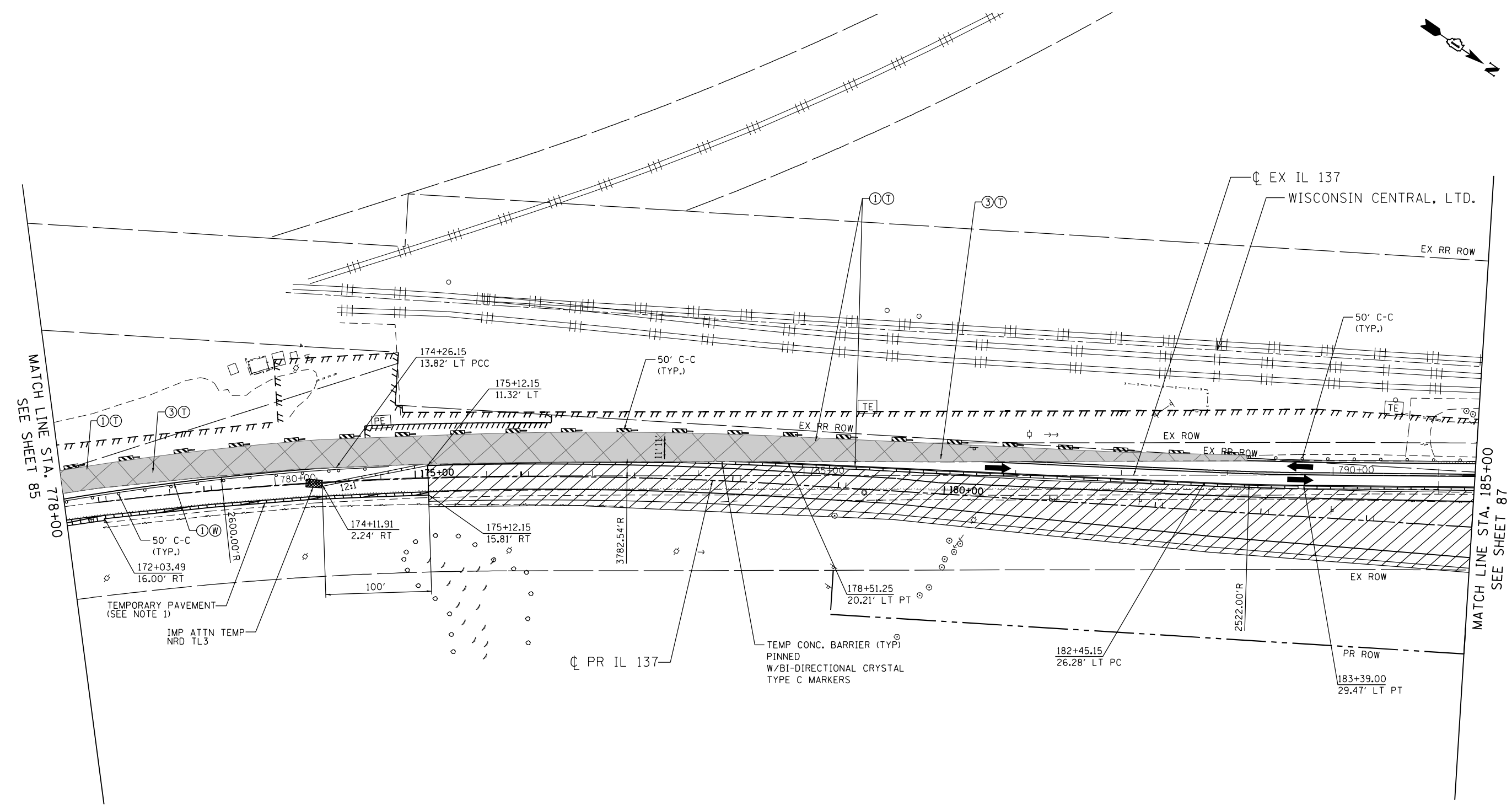
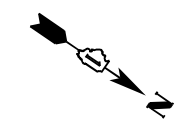
NOTES:

1. CONSTRUCT TEMPORARY PAVEMENT ON THE RIGHT SIDE OF IL ROUTE 137 ON THE PLANS FOR TRAFFIC TO USE IN SUBSEQUENT STAGES.
2. INSTALL TEMPORARY PAVEMENT ALONG AGGREGATE SHOULDER OF EAST SIDE OF ILLINOIS ROUTE 137
3. CONTRACTOR SHALL RESTRICT WORK AREA TO ONE SIDE OF ROADWAY AT A TIME. WORK ON BOTH SIDES OF THE ROADWAY DURING THE SAME TIME PERIOD WILL NOT BE ALLOWED.



FILE NAME = #FILES#	USER NAME = garciaaz	DESIGNED - MAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	SUGGESTED STAGING AND TRAFFIC CONTROL IL ROUTE 137 STAGE I SUB-STAGE A	F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 85	
exp U.S. Services Inc. Chicago, IL * BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -			SCALE: 1"=50'	SHEET OF SHEETS	STA. 770+00	TO STA. 778+00		CONTRACT NO. 60N11
	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -			ILLINOIS FED. AID PROJECT					

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MATCH LINE STA. 778+00
SEE SHEET 85

MATCH LINE STA. 185+00
SEE SHEET 87

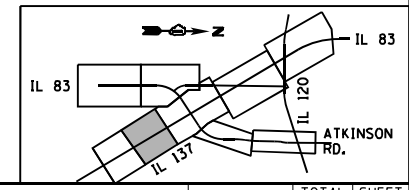
LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓣ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

NOTE:

1. CONSTRUCT TEMPORARY PAVEMENT ON THE RIGHT SIDE OF IL ROUTE 137 ON THE PLANS FOR TRAFFIC TO USE IN SUBSEQUENT STAGES.



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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)**

**SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 137
STAGE I SUB-STAGE A**

SCALE: 1"=50' SHEET OF SHEETS STA. 778+00 TO STA. 185+00

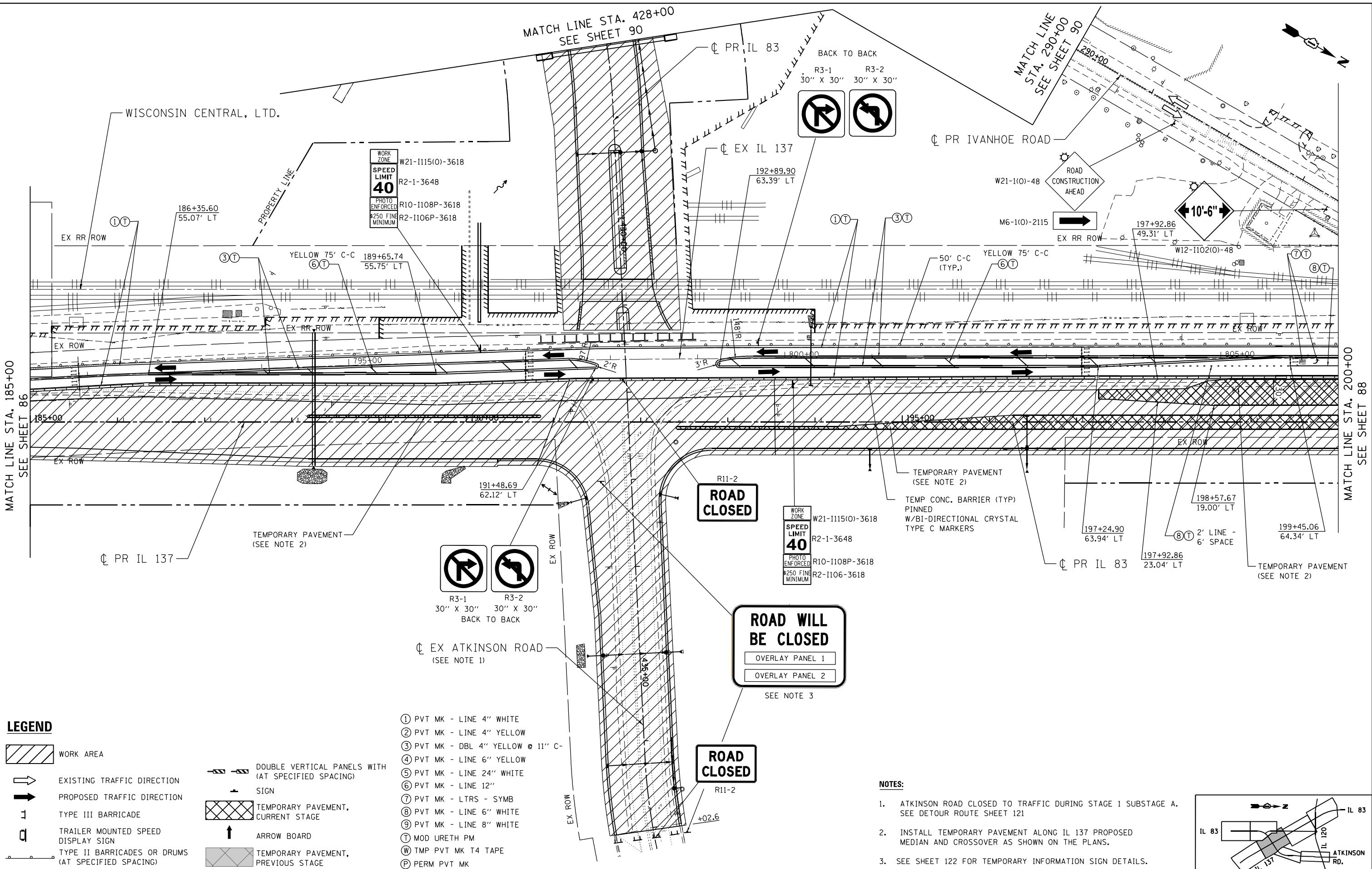
F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 86
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 428+00
SEE SHEET 90

MATCH LINE
STA. 290+00
SEE SHEET 90

MATCH LINE STA. 185+00
SEE SHEET 86

MATCH LINE STA. 200+00
SEE SHEET 88

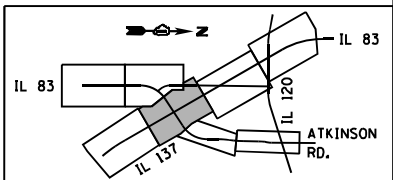


LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING)
- SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE
- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓣ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

NOTES:

1. ATKINSON ROAD CLOSED TO TRAFFIC DURING STAGE 1 SUBSTAGE A. SEE DETOUR ROUTE SHEET 121
2. INSTALL TEMPORARY PAVEMENT ALONG IL 137 PROPOSED MEDIAN AND CROSSOVER AS SHOWN ON THE PLANS.
3. SEE SHEET 122 FOR TEMPORARY INFORMATION SIGN DETAILS.



FILE NAME =	USER NAME = garciaaz	DESIGNED - MAM	REVISED -
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exp U.S. Services Inc.	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
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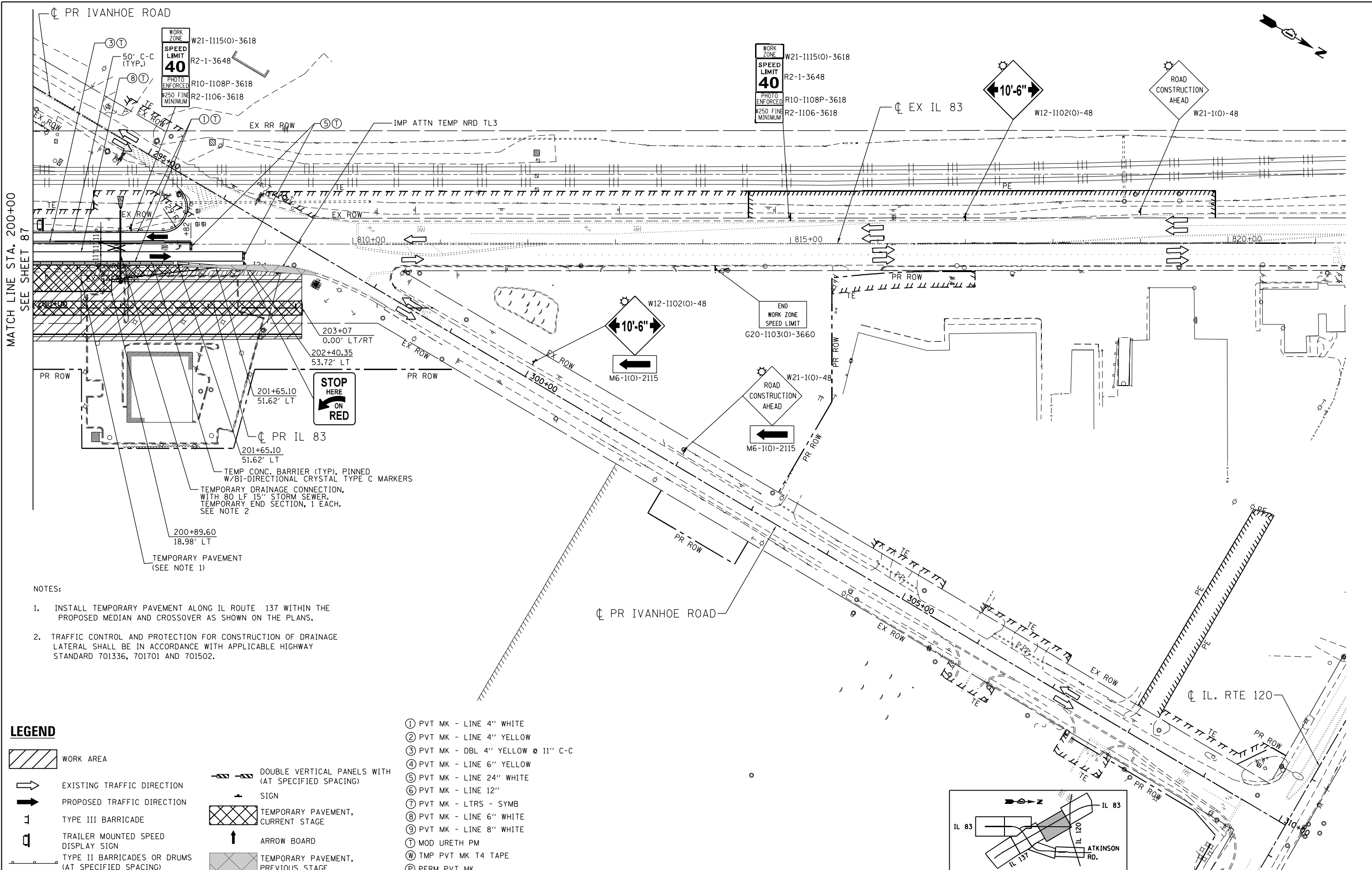
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 137 / IL ROUTE 83
STAGE I SUB-STAGE A

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 87
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET OF SHEETS STA. 185+00 TO STA. 200+00

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MATCH LINE STA. 200+00
SEE SHEET 87

- NOTES:
- INSTALL TEMPORARY PAVEMENT ALONG IL ROUTE 137 WITHIN THE PROPOSED MEDIAN AND CROSSOVER AS SHOWN ON THE PLANS.
 - TRAFFIC CONTROL AND PROTECTION FOR CONSTRUCTION OF DRAINAGE LATERAL SHALL BE IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARD 701336, 701701 AND 701502.

LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING)
- SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓣ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

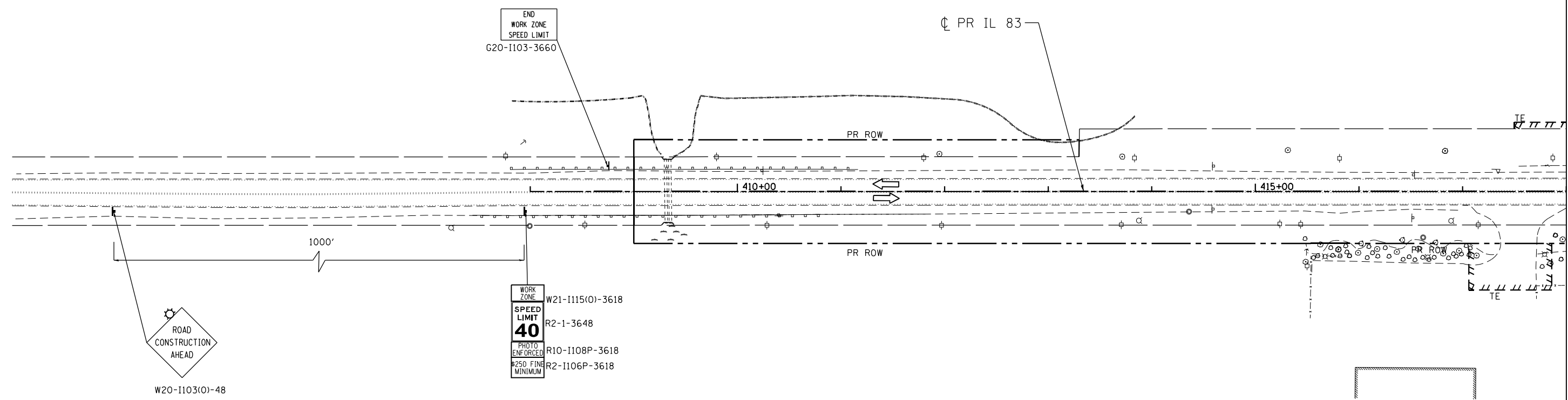
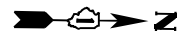
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 83
STAGE I SUB-STAGE A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	88
CONTRACT NO. 60N11				

SCALE: 1"=50' SHEET OF SHEETS STA. 200+00 TO STA. 215+00

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LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓣ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

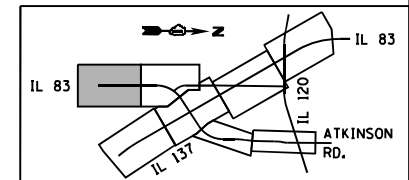
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL			
IL ROUTE 83			
STAGE I SUB-STAGE A			
SCALE: 1"=50'	SHEET OF SHEETS	STA. 408+00 TO STA. 418+00	

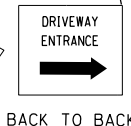
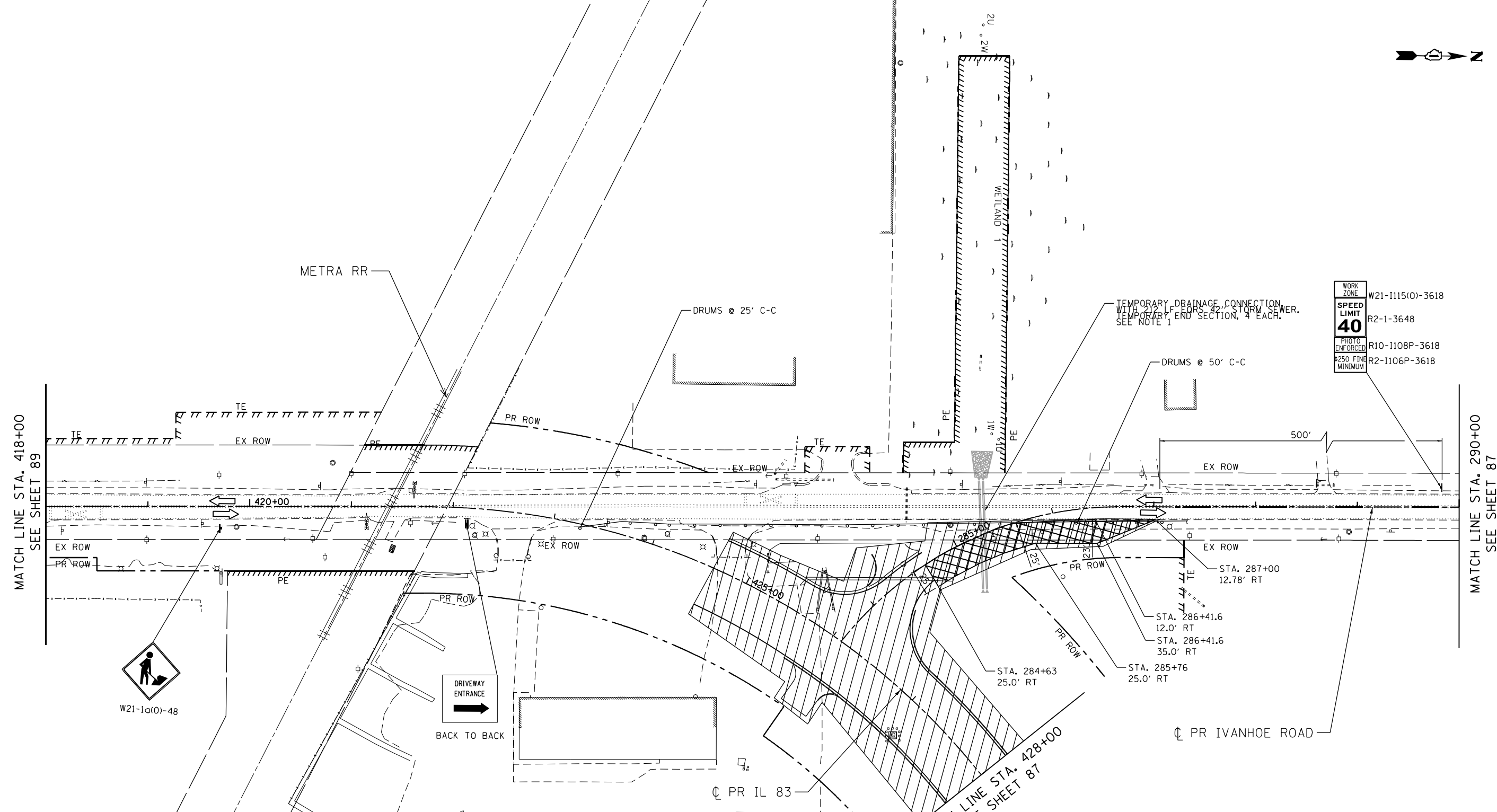
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	89
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 418+00
SEE SHEET 90



WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108P-3618
#250 FINE MINIMUM	R2-1106P-3618



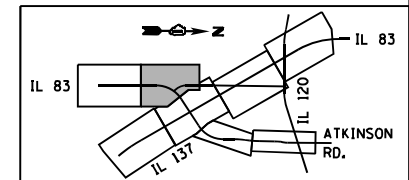
LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

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- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

NOTE:

1. TRAFFIC CONTROL AND PROTECTION FOR CONSTRUCTION OF TEMPORARY DRAINAGE LATERAL SHALL BE IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARD 701336.



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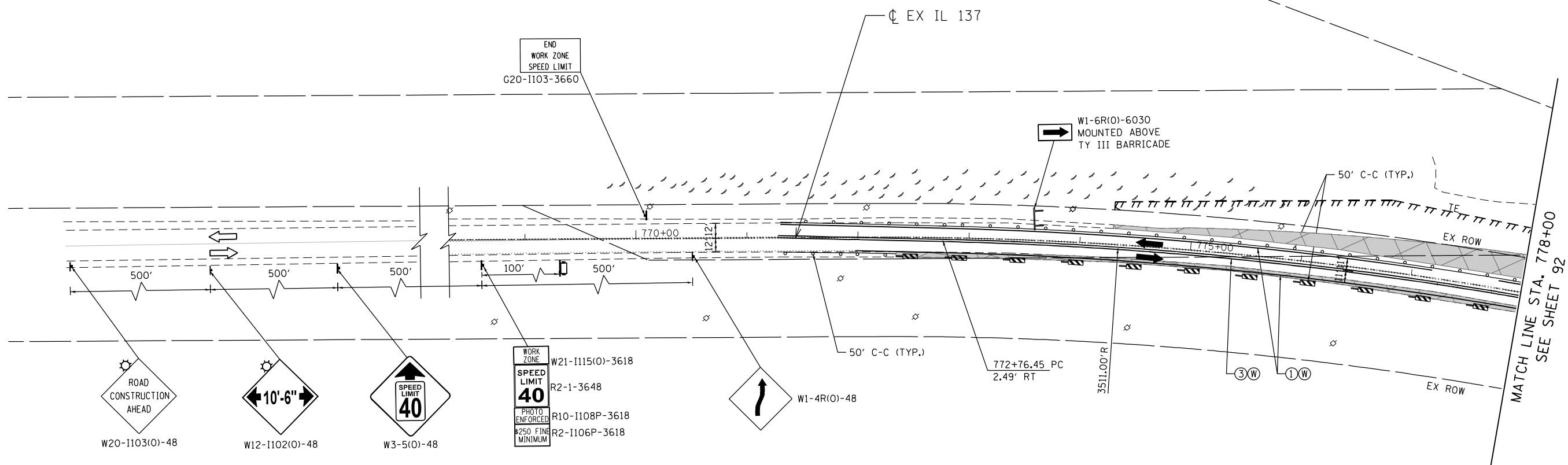
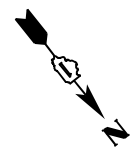
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 83
STAGE I SUB-STAGE A

SCALE: 1"=50' SHEET OF SHEETS STA. 418+00 TO STA. 428+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	90
			CONTRACT NO. 60N11	
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
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- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

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- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓣ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

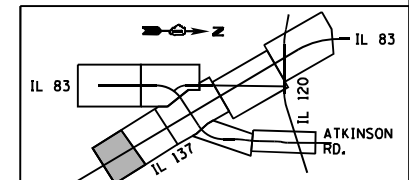
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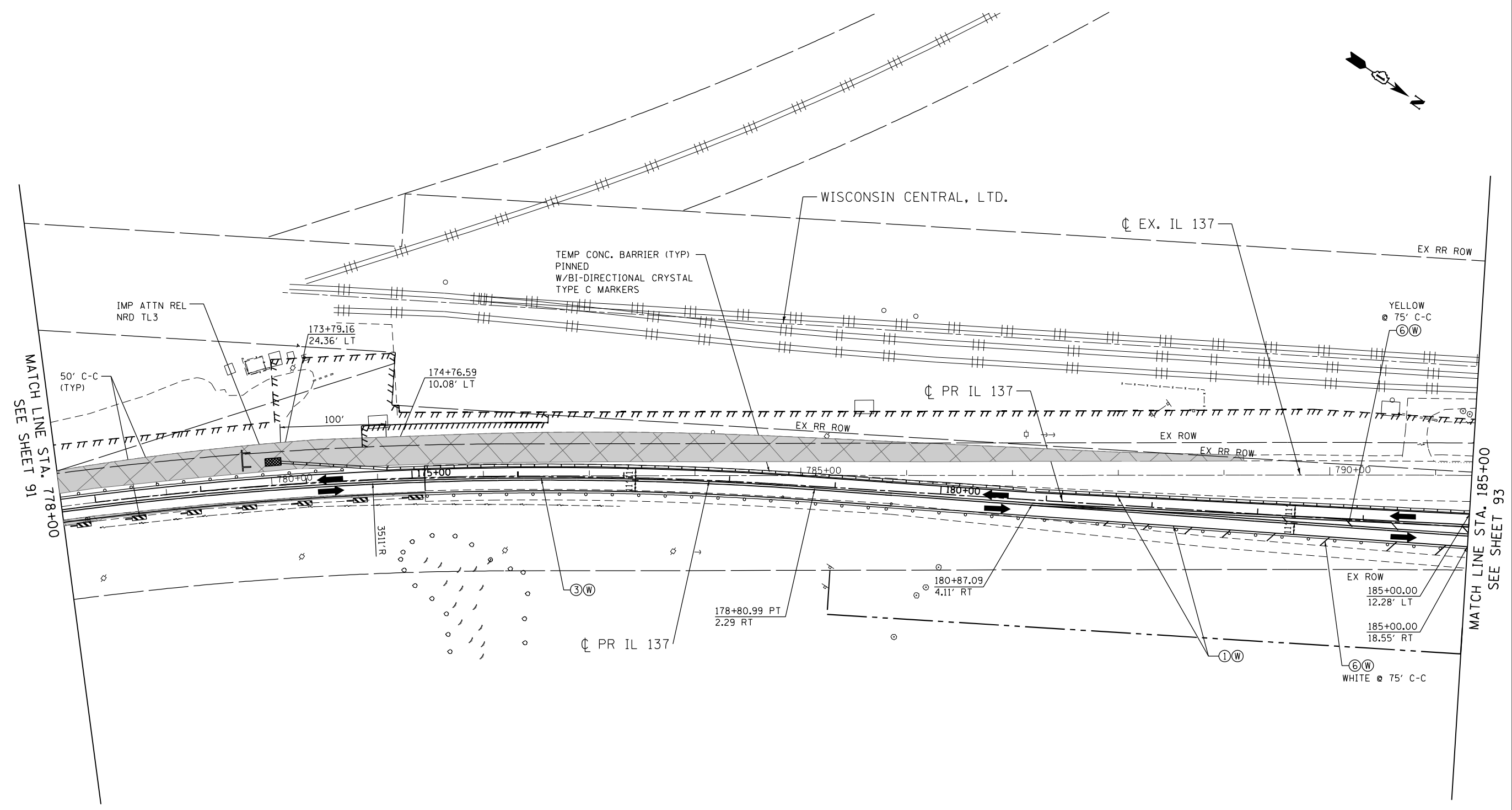
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL			
IL ROUTE 137			
STAGE I SUB-STAGE B			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 770+00 TO STA. 778+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	91
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				





LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
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- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

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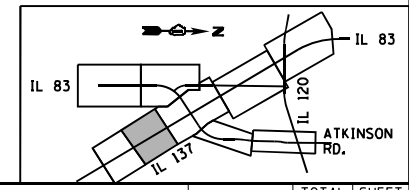
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BUILDINGS - EARTH & ENVIRONMENT - ENERGY INDUSTRIAL - INFRASTRUCTURE - SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

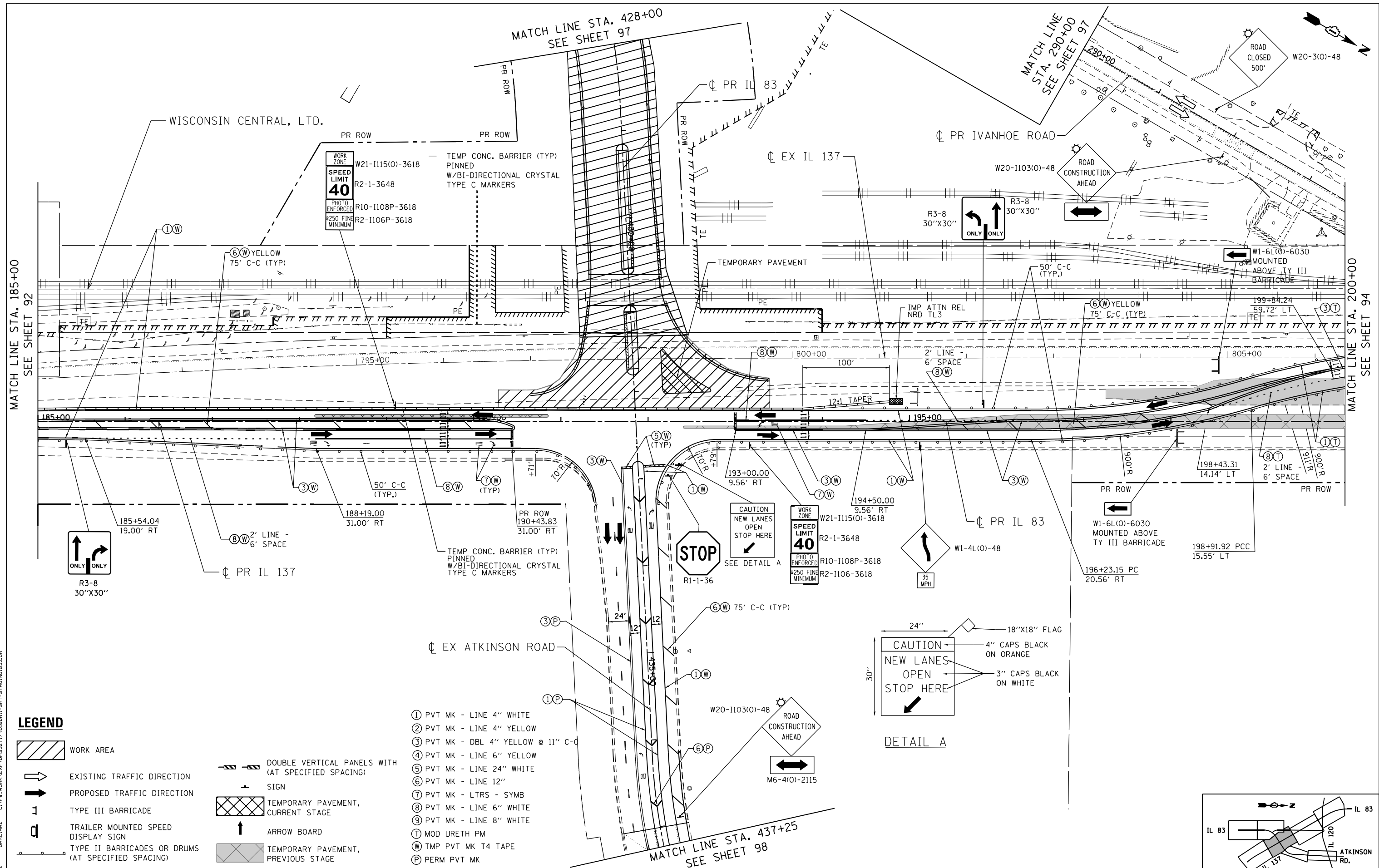
SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 137
STAGE I SUB-STAGE B

SCALE: 1"=50' SHEET OF SHEETS STA. 778+00 TO STA. 185+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 92
CONTRACT NO. 60N11			ILLINOIS FED. AID PROJECT	



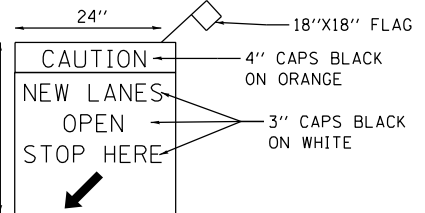
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LEGEND

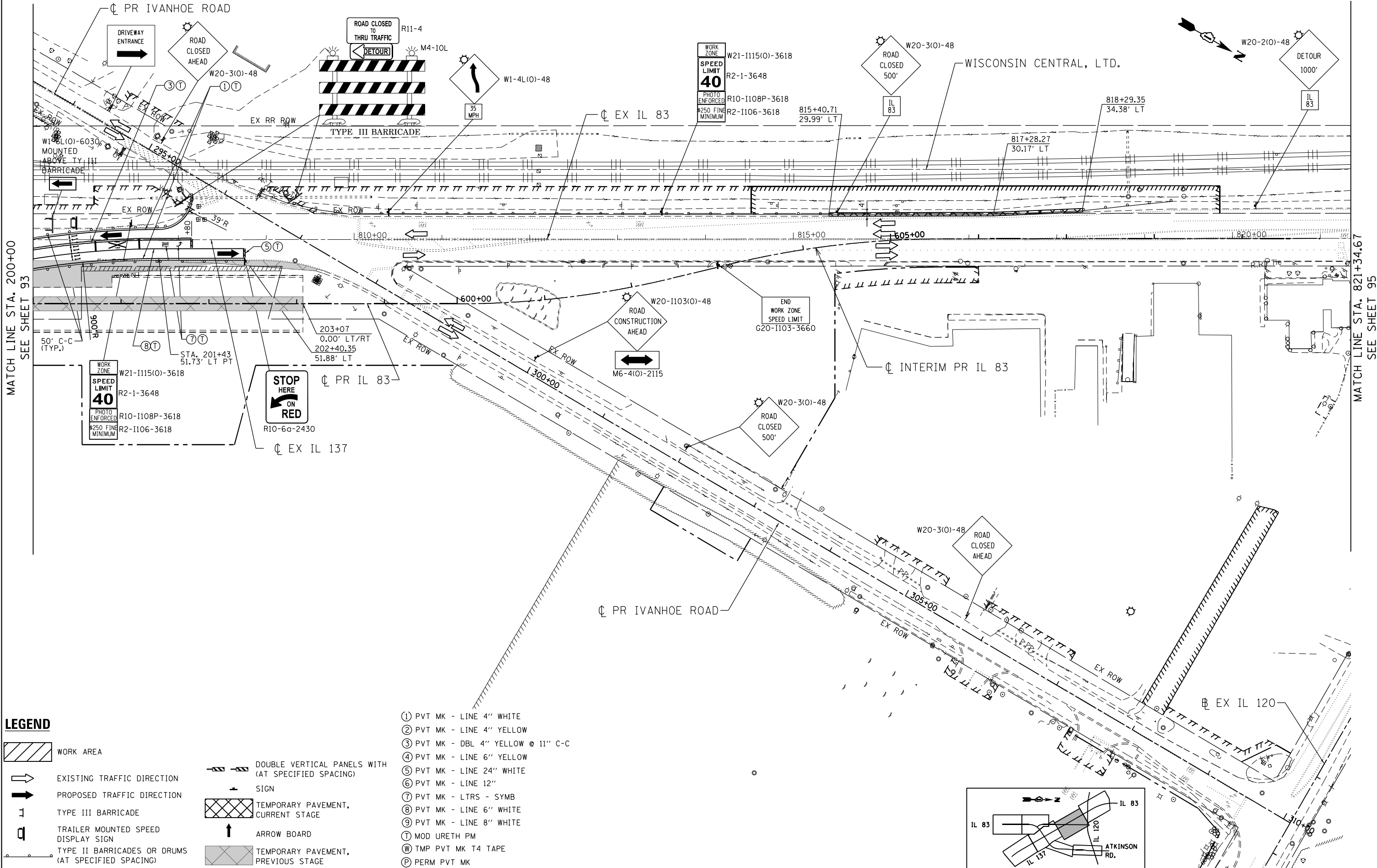
- WORK AREA
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- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

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- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK



FILE NAME =	USER NAME = garciaaz	DESIGNED - MAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 866 (IL 83)	SUGGESTED STAGING AND TRAFFIC CONTROL IL ROUTE 137 / IL ROUTE 83 STAGE I SUB-STAGE B	F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 93		
#FILES#	PLOT SCALE = 100.0000' / in.	DRAWN - MAM	REVISED -			SCALE: 1"=50'	SHEET OF SHEETS	STA. 185+00	TO STA. 200+00	ILLINOIS FED. AID PROJECT		
exp U.S. Services Inc. Chicago, IL	PLOT DATE = 1/24/2023	CHECKED - BRH	REVISED -									
1-24-2023, 15:16:52		DATE - 01/30/23	REVISED -									

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LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING)
- SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

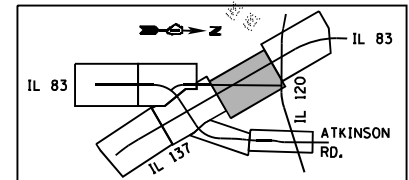
- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

FILE NAME =	USER NAME = garciaaz	DESIGNED - MAM	REVISED -
#FILES =		DRAWN - MAM	REVISED -
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

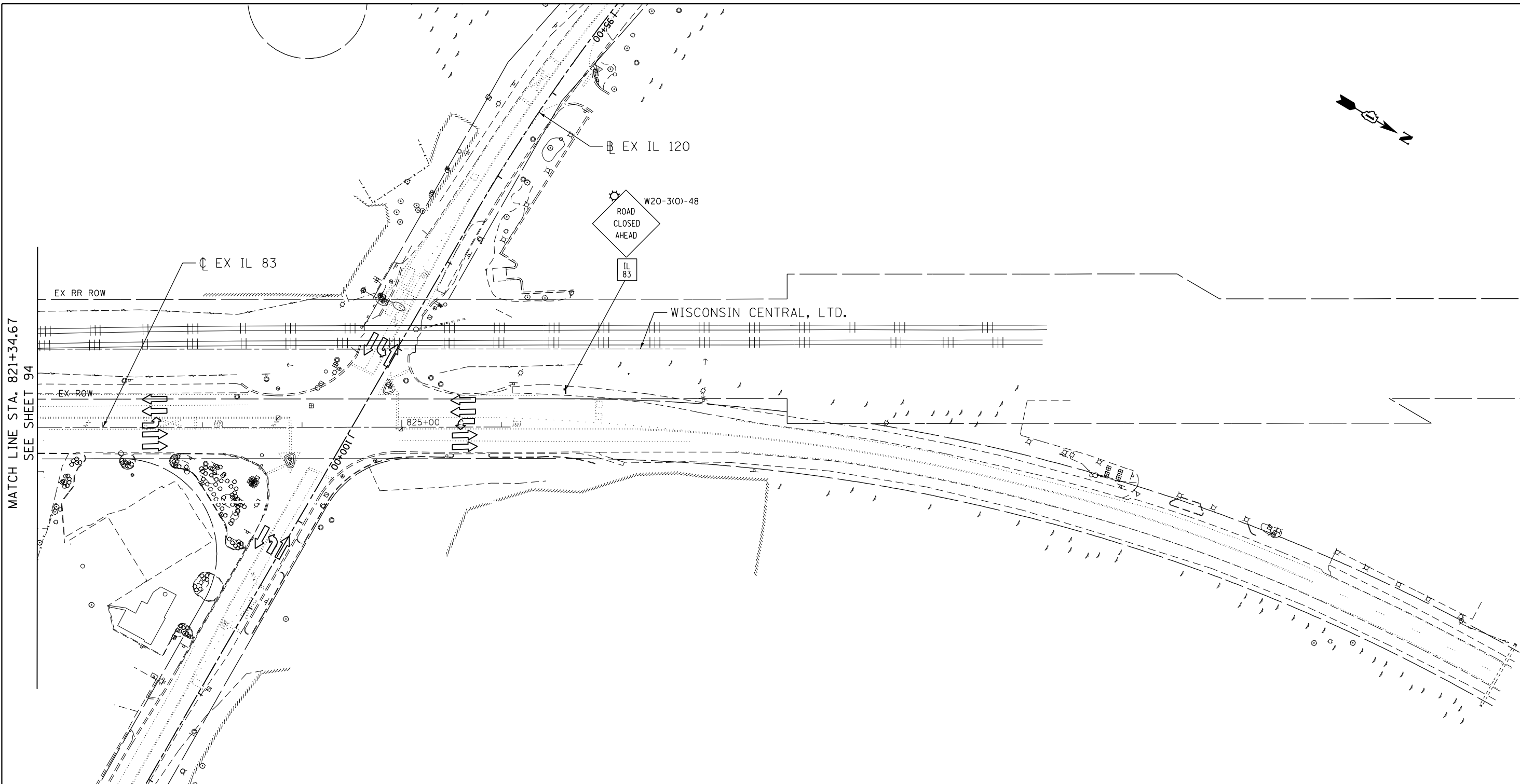
SUGGESTED STAGING AND TRAFFIC CONTROL IL ROUTE 83 STAGE I SUB-STAGE B			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 200+00 TO STA. 215+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 94
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 200+00 SEE SHEET 93

MATCH LINE STA. 821+34.67 SEE SHEET 95



MATCH LINE STA. 821+34.67
SEE SHEET 94

LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING)
- SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
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- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

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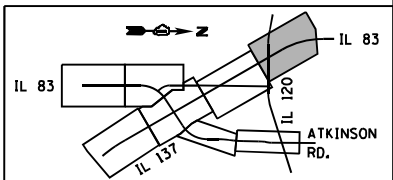
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 866 (IL 83)**

**SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 83
STAGE I SUB-STAGE B**

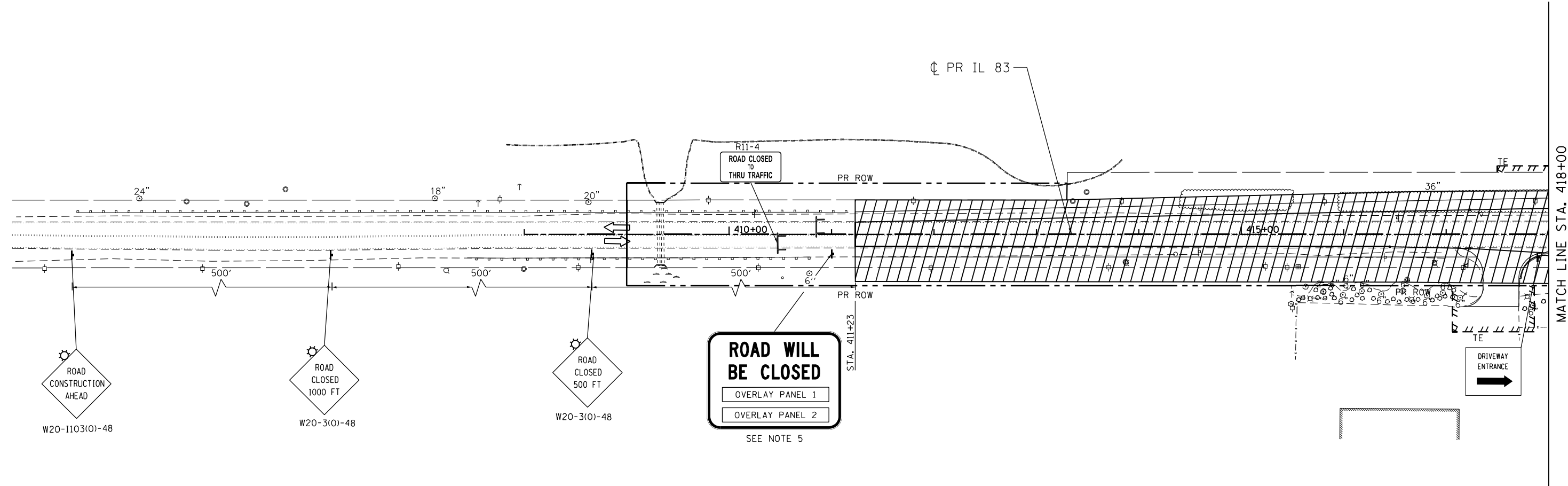
SCALE: 1"=50' SHEET OF SHEETS STA. 215+00 TO STA. 230+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	95
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



NOTES:

1. INSTALL DETOUR SIGNS ALONG DETOUR ROUTE BEFORE CLOSING ILLINOIS 83 FOR THRU TRAFFIC.
2. CLOSE ILLINOIS 83 TO THRU TRAFFIC AND DETOUR AS SHOWN ON SHEET 120. ALLOW LOCAL TRAFFIC ACCESSING LUMBER YARD BUSINESS. NO LOCAL TRAFFIC WILL BE ALLOWED TO CROSS METRA RR CROSSING.
3. INSTALL TEMPORARY INFORMATION SIGNS AS SHOWN ON THE PLANS FOR LOCAL BUSINESSES AS PER DISTRICT 1 STANDARD TC-26.
4. CONTRACTOR SHALL CONSTRUCT THE ILLINOIS ROUTE 83 PAVEMENT UTILIZING FULL ROADWAY CLOSURE WHILE MAINTAINING ACCESS TO LOCAL TRAFFIC AT ALL TIMES DURING CONSTRUCTION AS SPECIFIED IN SPECIAL PROVISION "TEMPORARY ACCESS TO ILLINOIS ROUTE 83 (IVANHOE ROAD)".
5. SEE SHEET 122 FOR TEMPORARY INFORMATION SIGN DETAILS.



MATCH LINE STA. 418+00
SEE SHEET 97

LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING)
- SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
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- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- ⑩ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

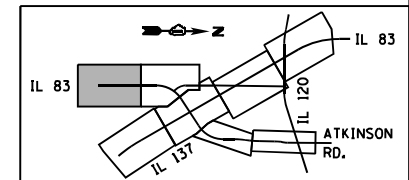
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FILE NAME =	USER NAME = garciaaz	DESIGNED - MAM	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
FAP ROUTE 866 (IL 83)

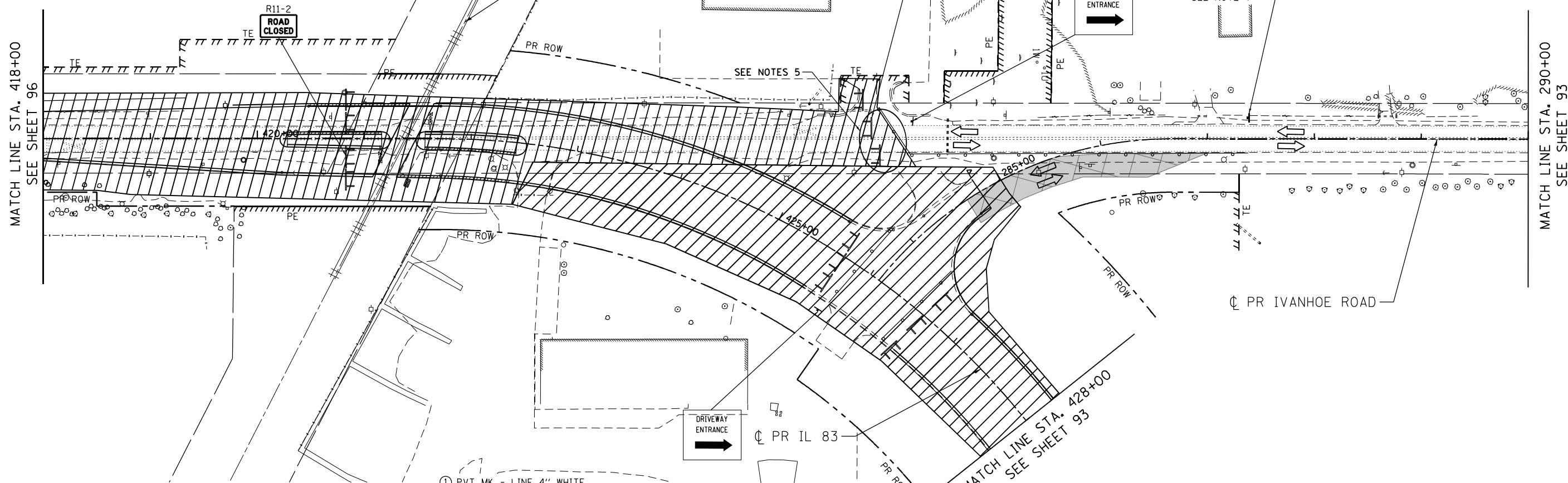
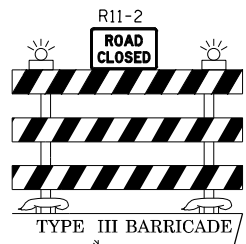
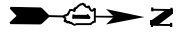
SUGGESTED STAGING AND TRAFFIC CONTROL			
IL ROUTE 83			
STAGE I SUB-STAGE B			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 408+00 TO STA. 418+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	96
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				



NOTES:

1. INSTALL DETOUR SIGNS ALONG DETOUR ROUTE BEFORE CLOSING ILLINOIS ROUTE 83.
2. CLOSE ILLINOIS ROUTE 83 TO THRU TRAFFIC AND ALLOW LOCAL TRAFFIC. DETOUR TRAFFIC AS SHOWN ON SHEET 120. NO LOCAL TRAFFIC WILL BE ALLOWED TO CROSS METRA RR CROSSING.
3. INSTALL TEMPORARY INFORMATION SIGNS FOR LOCAL BUSINESSES AS PER DISTRICT 1 STANDARD TC-26.
4. ALL PERMANENT PAVEMENT MARKING ON RELOCATED ILLINOIS ROUTE 83 SHALL BE COMPLETED AT THE END OF STAGE 1 SUBSTAGE B.
5. CONTRACTOR SHALL CONSTRUCT THE ILLINOIS ROUTE 83 PAVEMENT UTILIZING FULL ROADWAY CLOSURE WHILE MAINTAINING ACCESS TO LOCAL TRAFFIC AT ALL TIMES DURING CONSTRUCTION AS SPECIFIED IN SPECIAL PROVISION "TEMPORARY ACCESS TO ILLINOIS ROUTE 83 (IVANHOE ROAD)".
6. MAINTAIN ACCESS TO ALL DRIVEWAYS NORTH OF METRA RAIL ROAD CROSSING. SCHOOL BUS YARD FROM NORTH IVANHOE ROAD DURING STAGE 1 SUB STAGE B AS PER THE SPECIAL PROVISION "TEMPORARY ACCESS FOR ILLINOIS ROUTE 83 (IVANHOE ROAD)".
7. SEE SHEET 122 FOR TEMPORARY INFORMATION SIGN DETAILS.



LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
- ⑥ PVT MK - LINE 12"
- ⑦ PVT MK - LTRS - SYMB
- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓣ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

\D:\60N11-MOTIF\01.DGN, \D:\60N11-BORDER\01.DGN, \D:\60N11-LEGEND\01.DGN, \D:\60N11-STAGING\01.DGN, \D:\60N11-SHT\01.DGN, \D:\60N11-SHT\02.DGN, \D:\60N11-SHT\03.DGN, \D:\60N11-SHT\04.DGN, \D:\60N11-SHT\05.DGN, \D:\60N11-SHT\06.DGN, \D:\60N11-SHT\07.DGN, \D:\60N11-SHT\08.DGN, \D:\60N11-SHT\09.DGN, \D:\60N11-SHT\10.DGN, \D:\60N11-SHT\11.DGN, \D:\60N11-SHT\12.DGN, \D:\60N11-SHT\13.DGN, \D:\60N11-SHT\14.DGN, \D:\60N11-SHT\15.DGN, \D:\60N11-SHT\16.DGN, \D:\60N11-SHT\17.DGN, \D:\60N11-SHT\18.DGN, \D:\60N11-SHT\19.DGN, \D:\60N11-SHT\20.DGN, \D:\60N11-SHT\21.DGN, \D:\60N11-SHT\22.DGN, \D:\60N11-SHT\23.DGN, \D:\60N11-SHT\24.DGN, \D:\60N11-SHT\25.DGN, \D:\60N11-SHT\26.DGN, \D:\60N11-SHT\27.DGN, \D:\60N11-SHT\28.DGN, \D:\60N11-SHT\29.DGN, \D:\60N11-SHT\30.DGN, \D:\60N11-SHT\31.DGN, \D:\60N11-SHT\32.DGN, \D:\60N11-SHT\33.DGN, \D:\60N11-SHT\34.DGN, \D:\60N11-SHT\35.DGN, \D:\60N11-SHT\36.DGN, \D:\60N11-SHT\37.DGN, \D:\60N11-SHT\38.DGN, \D:\60N11-SHT\39.DGN, \D:\60N11-SHT\40.DGN, \D:\60N11-SHT\41.DGN, \D:\60N11-SHT\42.DGN, \D:\60N11-SHT\43.DGN, \D:\60N11-SHT\44.DGN, \D:\60N11-SHT\45.DGN, \D:\60N11-SHT\46.DGN, \D:\60N11-SHT\47.DGN, \D:\60N11-SHT\48.DGN, \D:\60N11-SHT\49.DGN, \D:\60N11-SHT\50.DGN, \D:\60N11-SHT\51.DGN, \D:\60N11-SHT\52.DGN, \D:\60N11-SHT\53.DGN, \D:\60N11-SHT\54.DGN, \D:\60N11-SHT\55.DGN, \D:\60N11-SHT\56.DGN, \D:\60N11-SHT\57.DGN, \D:\60N11-SHT\58.DGN, \D:\60N11-SHT\59.DGN, \D:\60N11-SHT\60.DGN, \D:\60N11-SHT\61.DGN, \D:\60N11-SHT\62.DGN, \D:\60N11-SHT\63.DGN, \D:\60N11-SHT\64.DGN, \D:\60N11-SHT\65.DGN, \D:\60N11-SHT\66.DGN, \D:\60N11-SHT\67.DGN, \D:\60N11-SHT\68.DGN, \D:\60N11-SHT\69.DGN, \D:\60N11-SHT\70.DGN, \D:\60N11-SHT\71.DGN, \D:\60N11-SHT\72.DGN, \D:\60N11-SHT\73.DGN, \D:\60N11-SHT\74.DGN, \D:\60N11-SHT\75.DGN, \D:\60N11-SHT\76.DGN, \D:\60N11-SHT\77.DGN, \D:\60N11-SHT\78.DGN, \D:\60N11-SHT\79.DGN, \D:\60N11-SHT\80.DGN, \D:\60N11-SHT\81.DGN, \D:\60N11-SHT\82.DGN, \D:\60N11-SHT\83.DGN, \D:\60N11-SHT\84.DGN, \D:\60N11-SHT\85.DGN, \D:\60N11-SHT\86.DGN, \D:\60N11-SHT\87.DGN, \D:\60N11-SHT\88.DGN, \D:\60N11-SHT\89.DGN, \D:\60N11-SHT\90.DGN, \D:\60N11-SHT\91.DGN, \D:\60N11-SHT\92.DGN, \D:\60N11-SHT\93.DGN, \D:\60N11-SHT\94.DGN, \D:\60N11-SHT\95.DGN, \D:\60N11-SHT\96.DGN, \D:\60N11-SHT\97.DGN, \D:\60N11-SHT\98.DGN, \D:\60N11-SHT\99.DGN, \D:\60N11-SHT\100.DGN

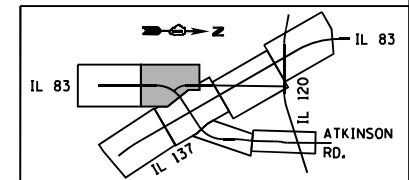
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

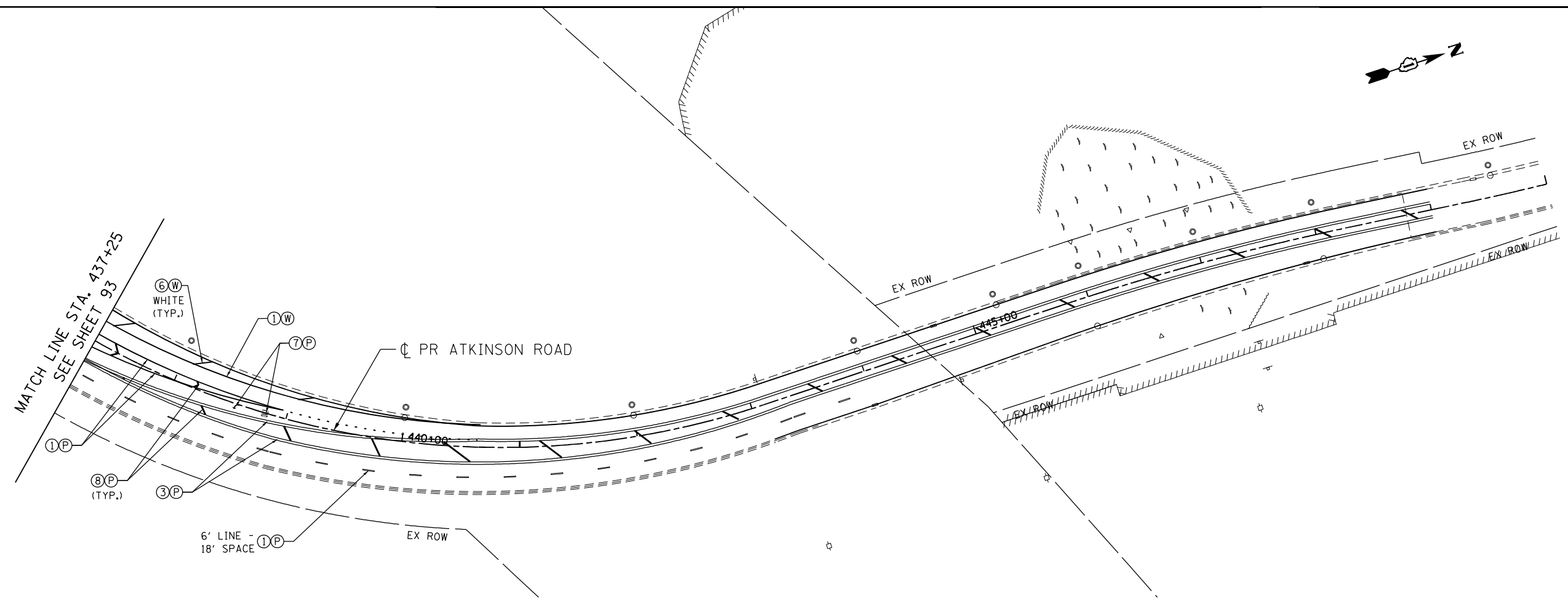
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 83
STAGE I SUB-STAGE B

SCALE: 1"=50' SHEET OF SHEETS STA. 418+00 TO STA. 428+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 97
CONTRACT NO. 60N11				ILLINOIS FED. AID PROJECT



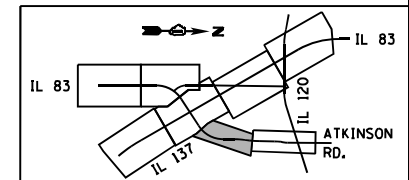


LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- (1) PVT MK - LINE 4" WHITE
- (2) PVT MK - LINE 4" YELLOW
- (3) PVT MK - DBL 4" YELLOW @ 11" C-C
- (4) PVT MK - LINE 6" YELLOW
- (5) PVT MK - LINE 24" WHITE
- (6) PVT MK - LINE 12"
- (7) PVT MK - LTRS - SYMB
- (8) PVT MK - LINE 6" WHITE
- (9) PVT MK - LINE 8" WHITE
- (T) MOD URETH PM
- (W) TMP PVT MK T4 TAPE
- (P) PERM PVT MK

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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	CHECKED - BRH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
ATKINSON ROAD
STAGE I SUB-STAGE B

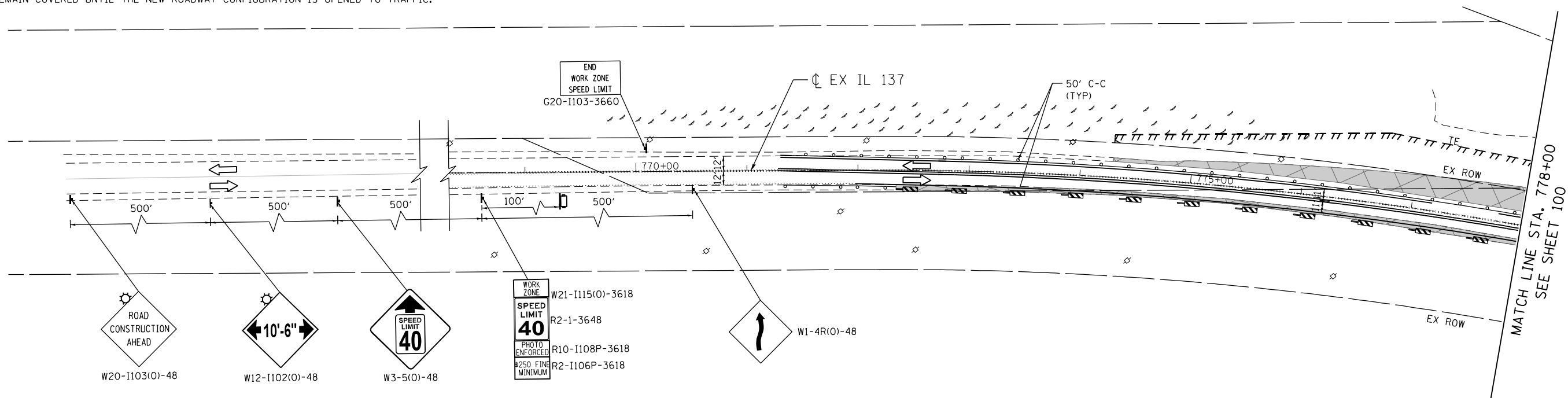
SCALE: 1"=50' SHEET OF SHEETS STA. 437+25 TO STA. 465+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	98
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				

STAGE I SUB-STAGE C NOTES:

1. THE CONTRACTOR SHALL COORDINATE AND COMPLETE THE FOLLOWING ITEMS IN SEQUENTIAL ORDER PRIOR TO OPENING THE NEW ROADWAY CONFIGURATION AT IL 83, IL 137 AND ATKINSON ROAD:
 - A. COMPLETE TWO SIGNAL TURN-ON MEETINGS OF THE TEMPORARY TRAFFIC SIGNALS AND PERMANENT RAILROAD CROSSING SIGNALS, THE INITIAL SIGNAL TURN-ON MEETING SHALL TAKE PLACE AT LEAST 7 DAYS PRIOR TO OPENING THE NEW ROADWAY CONFIGURATION. THE SECOND SIGNAL TURN-ON MEETING SHALL TAKE PLACE ON THE DAY OF THE NEW ROADWAY CONFIGURATION OPENING. PLEASE SEE THE "TRAFFIC SIGNAL GENERAL REQUIREMENTS" SPECIAL PROVISION FOR MORE INFORMATION.
 - B. INSTALL CHANGEABLE MESSAGE SIGNS 2 WEEKS IN ADVANCE ON SB ATKINSON ROAD, NB IL 83, WB IL 137, AND ON EB IL 137 (NEW SB IL 83) WARNING TRAFFIC OF THE UPCOMING NEW TRAFFIC PATTERN CHANGES AND NEW TRAFFIC SIGNAL TURN-ON.
 - C. INSTALL STATIC "THIS ROAD WILL BE CLOSED BEGINS MMM" SIGNS 2 WEEKS IN ADVANCE ON IVANHOE RD /IL 83 AND ON IVANHOE ROAD AS SHOWN IN THE MOT PLANS.
 - D. INSTALL ALL TEMPORARY PAVEMENT MARKINGS, PERMANENT PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS. THE 24" STOP BARS ON EB IL 137 (NEW SB IL 83) AND WB IL 137 SHALL ONLY BE INSTALLED AT THE TIME WHEN THE TEMPORARY TRAFFIC SIGNALS ARE ACTIVATED, AND THE NEW ROADWAY CONFIGURATION IS OPENED TO TRAFFIC.
 - E. CLOSE ALL TURN LANES AND THROUGH LANES PER STD.701701 ON WB IL 137, AND ON SB ATKINSON ROAD THAT DIRECT TRAFFIC INTO THE NEW SOUTH LEG OF IL 83 UNTIL THE NEW ROADWAY CONFIGURATION IS OPENED TO TRAFFIC.
 - G. INSTALL ALL TEMPORARY AND/OR PERMANENT SIGNING ON NB IL 83, WB IL 137, EB IL 137 (NEW SB IL 83), AND ATKINSON ROAD. ALL ROUTE MARKER SIGNS, RAILROAD CROSSING WARNING SIGNS, "CAUTION NEW LANES OPEN STOP HERE ON RED" SIGNS, "LEFT ON GREEN ARROW ONLY" SIGNS AND SIGNAL WARNING AHEAD SIGNS ON WB IL 137, EB IL 137 (NEW SB IL 83), AND SB ATKINSON ROAD THAT APPLY TO THE NEW ROADWAY CONFIGURATION SHALL REMAIN COVERED UNTIL THE NEW ROADWAY CONFIGURATION IS OPENED TO TRAFFIC.

2. THE CONTRACTOR SHALL COORDINATE AND COMPLETE THE FOLLOWING ITEMS IN SEQUENTIAL ORDER IMMEDIATELY AFTER TURNING ON THE TEMPORARY SIGNALS AND OPENING THE NEW ROADWAY CONFIGURATION AT IL 83, IL 137 AND ATKINSON ROAD:
 - A. UNCOVER ALL COVERED ROUTE MARKER SIGNS, RAILROAD CROSSING WARNING SIGNS, "CAUTION NEW LANES OPEN STOP HERE ON RED" SIGNS, "LEFT ON GREEN ARROW" SIGNS AND SIGNAL WARNING AHEAD SIGNS ON WB IL 137, EB IL 137 (NEW SB IL 83), AND SB ATKINSON ROAD THAT APPLY TO THE NEW ROADWAY CONFIGURATION.
 - B. CLOSE IVANHOE ROAD/OLD IL 83 AT OLD IL 137 AS SHOWN IN THE MOT PLANS.
 - C. DEACTIVATE AND BAG PERMANENT TEMPORARY TRAFFIC SIGNALS AT IVANHOE ROAD AND OLD IL 83 AT OLD IL 137.
 - D. REMOVE EXISTING STOP BAR PAVEMENT MARKINGS AT IVANHOE ROAD/OLD IL 83 AND OLD IL 137 THAT ARE LOCATED ON EXISTING AND PROPOSED IL 83.
 - E. COVER, RELOCATE, OR REMOVE ALL EXISTING CONFLICTING ROUTE MARKERS SIGNS, STOP SIGNS, AND RAILROAD CROSSING WARNING SIGNS.
 - F. REMOVE AND REPLACE ALL "BEGINS XXXXXX" EXPIRED CMS DATE MESSAGES.



LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
- ④ PVT MK - LINE 6" YELLOW
- ⑤ PVT MK - LINE 24" WHITE
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- ⑧ PVT MK - LINE 6" WHITE
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- Ⓣ MOD URETH PM
- Ⓜ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

\D:\60N11-MOTIF\01.DGN, \D:\60N11-BORDER\01.DGN, \D:\60N11-LEGEND\01.DGN, \D:\60N11-SHT\01.DGN, \D:\60N11-SHT\02.DGN, \D:\60N11-SHT\03.DGN, \D:\60N11-SHT\04.DGN, \D:\60N11-SHT\05.DGN, \D:\60N11-SHT\06.DGN, \D:\60N11-SHT\07.DGN, \D:\60N11-SHT\08.DGN, \D:\60N11-SHT\09.DGN, \D:\60N11-SHT\10.DGN, \D:\60N11-SHT\11.DGN, \D:\60N11-SHT\12.DGN, \D:\60N11-SHT\13.DGN, \D:\60N11-SHT\14.DGN, \D:\60N11-SHT\15.DGN, \D:\60N11-SHT\16.DGN, \D:\60N11-SHT\17.DGN, \D:\60N11-SHT\18.DGN, \D:\60N11-SHT\19.DGN, \D:\60N11-SHT\20.DGN, \D:\60N11-SHT\21.DGN, \D:\60N11-SHT\22.DGN, \D:\60N11-SHT\23.DGN, \D:\60N11-SHT\24.DGN, \D:\60N11-SHT\25.DGN, \D:\60N11-SHT\26.DGN, \D:\60N11-SHT\27.DGN, \D:\60N11-SHT\28.DGN, \D:\60N11-SHT\29.DGN, \D:\60N11-SHT\30.DGN, \D:\60N11-SHT\31.DGN, \D:\60N11-SHT\32.DGN, \D:\60N11-SHT\33.DGN, \D:\60N11-SHT\34.DGN, \D:\60N11-SHT\35.DGN, \D:\60N11-SHT\36.DGN, \D:\60N11-SHT\37.DGN, \D:\60N11-SHT\38.DGN, \D:\60N11-SHT\39.DGN, \D:\60N11-SHT\40.DGN, \D:\60N11-SHT\41.DGN, \D:\60N11-SHT\42.DGN, \D:\60N11-SHT\43.DGN, \D:\60N11-SHT\44.DGN, \D:\60N11-SHT\45.DGN, \D:\60N11-SHT\46.DGN, \D:\60N11-SHT\47.DGN, \D:\60N11-SHT\48.DGN, \D:\60N11-SHT\49.DGN, \D:\60N11-SHT\50.DGN, \D:\60N11-SHT\51.DGN, \D:\60N11-SHT\52.DGN, \D:\60N11-SHT\53.DGN, \D:\60N11-SHT\54.DGN, \D:\60N11-SHT\55.DGN, \D:\60N11-SHT\56.DGN, \D:\60N11-SHT\57.DGN, \D:\60N11-SHT\58.DGN, \D:\60N11-SHT\59.DGN, \D:\60N11-SHT\60.DGN, \D:\60N11-SHT\61.DGN, \D:\60N11-SHT\62.DGN, \D:\60N11-SHT\63.DGN, \D:\60N11-SHT\64.DGN, \D:\60N11-SHT\65.DGN, \D:\60N11-SHT\66.DGN, \D:\60N11-SHT\67.DGN, \D:\60N11-SHT\68.DGN, \D:\60N11-SHT\69.DGN, \D:\60N11-SHT\70.DGN, \D:\60N11-SHT\71.DGN, \D:\60N11-SHT\72.DGN, \D:\60N11-SHT\73.DGN, \D:\60N11-SHT\74.DGN, \D:\60N11-SHT\75.DGN, \D:\60N11-SHT\76.DGN, \D:\60N11-SHT\77.DGN, \D:\60N11-SHT\78.DGN, \D:\60N11-SHT\79.DGN, \D:\60N11-SHT\80.DGN, \D:\60N11-SHT\81.DGN, \D:\60N11-SHT\82.DGN, \D:\60N11-SHT\83.DGN, \D:\60N11-SHT\84.DGN, \D:\60N11-SHT\85.DGN, \D:\60N11-SHT\86.DGN, \D:\60N11-SHT\87.DGN, \D:\60N11-SHT\88.DGN, \D:\60N11-SHT\89.DGN, \D:\60N11-SHT\90.DGN, \D:\60N11-SHT\91.DGN, \D:\60N11-SHT\92.DGN, \D:\60N11-SHT\93.DGN, \D:\60N11-SHT\94.DGN, \D:\60N11-SHT\95.DGN, \D:\60N11-SHT\96.DGN, \D:\60N11-SHT\97.DGN, \D:\60N11-SHT\98.DGN, \D:\60N11-SHT\99.DGN, \D:\60N11-SHT\100.DGN

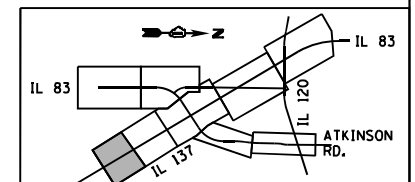
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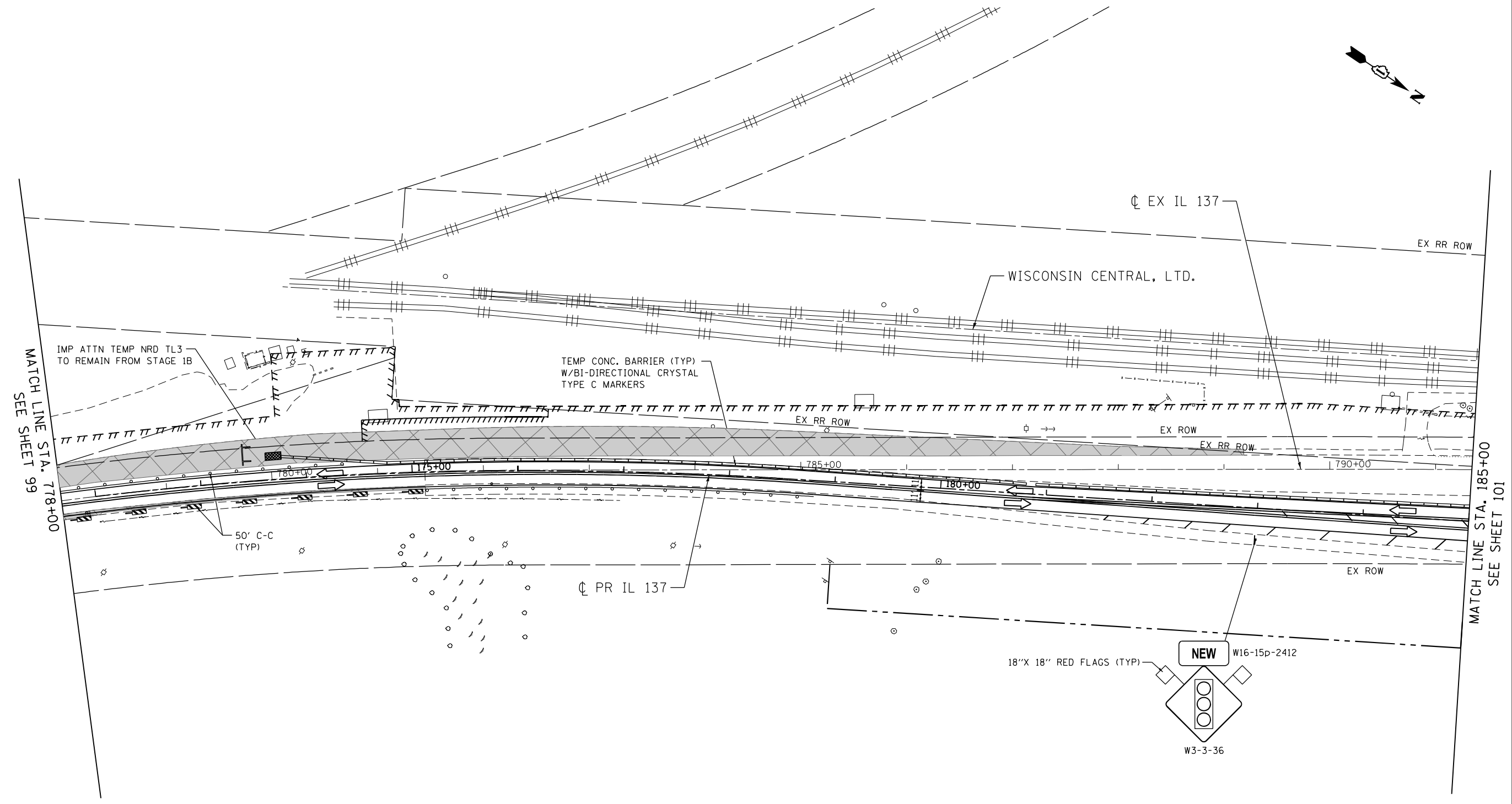
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL
IL ROUTE 137
STAGE I SUB-STAGE C

SCALE: 1"=50' SHEET OF SHEETS STA. 770+00 TO STA. 778+00

F.A.P. RTE. 866	SECTION 3Y-R	COUNTY LAKE	TOTAL SHEETS 385	SHEET NO. 99
CONTRACT NO. 60N11				ILLINOIS FED. AID PROJECT





MATCH LINE STA. 778+00
SEE SHEET 99

MATCH LINE STA. 185+00
SEE SHEET 101

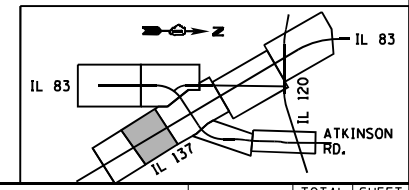
LEGEND

- WORK AREA
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TYPE III BARRICADE
- TRAILER MOUNTED SPEED DISPLAY SIGN
- TYPE II BARRICADES OR DRUMS (AT SPECIFIED SPACING)
- DOUBLE VERTICAL PANELS WITH (AT SPECIFIED SPACING) SIGN
- TEMPORARY PAVEMENT, CURRENT STAGE
- ARROW BOARD
- TEMPORARY PAVEMENT, PREVIOUS STAGE

- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW @ 11" C-C
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- ⑧ PVT MK - LINE 6" WHITE
- ⑨ PVT MK - LINE 8" WHITE
- Ⓜ MOD URETH PM
- Ⓦ TMP PVT MK T4 TAPE
- Ⓟ PERM PVT MK

NOTE:

1. SEE SHEET 99 FOR ADDITIONAL STAGE 1 SUB-STAGE C NOTES.



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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 1/24/2023	DATE - 01/30/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 866 (IL 83)

SUGGESTED STAGING AND TRAFFIC CONTROL			
IL ROUTE 137			
STAGE I SUB-STAGE C			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 778+00 TO STA. 185+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	3Y-R	LAKE	385	100
CONTRACT NO. 60N11				
ILLINOIS FED. AID PROJECT				