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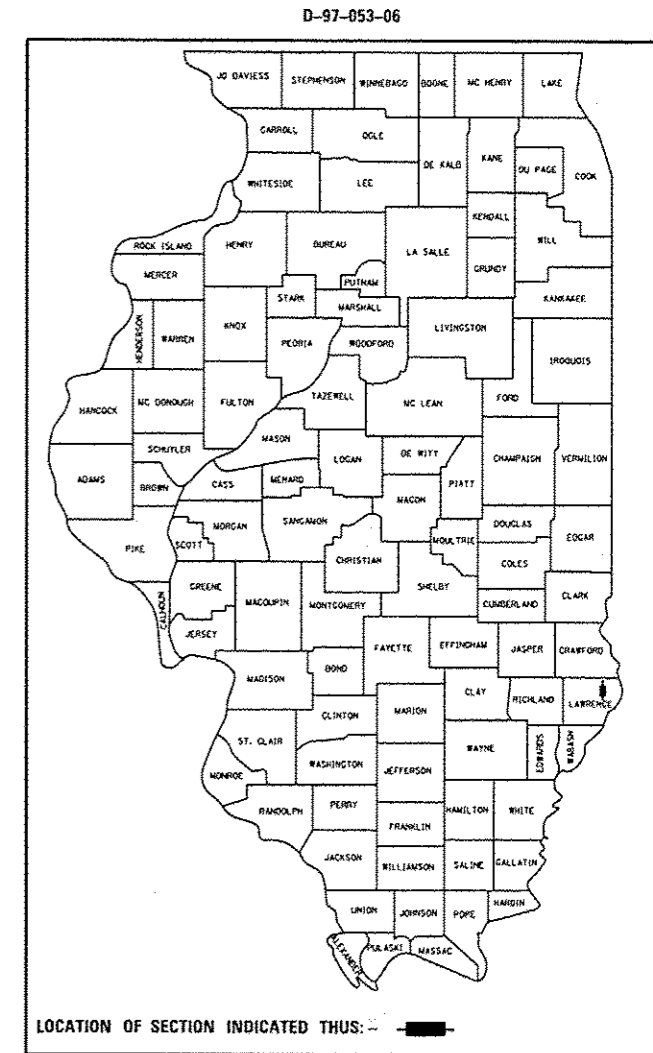
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

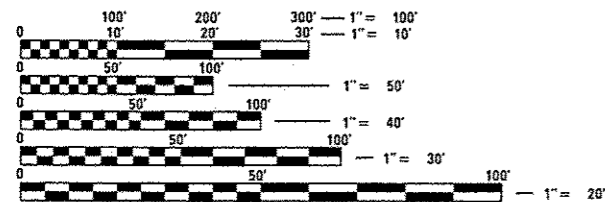
F.A.P. ROUTE 332 (IL. RTE. 1)
SECTION (16BR)B-1
PROJECT NHPP-0332(129)
STRUCTURE REPLACEMENT
LAWRENCE COUNTY

C-97-092-06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	1
ILLINOIS			CONTRACT NO. 74180	



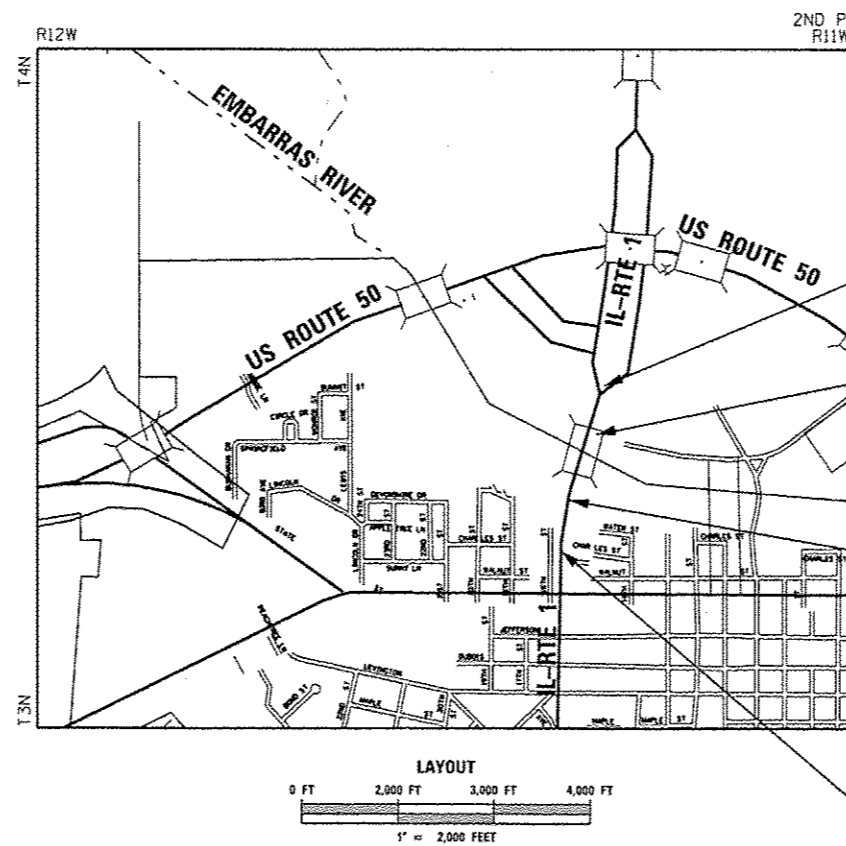
ADT = 3700 (2015)



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 - TOM RONAN (217) 342-8320
PROJECT MANAGER - KALEB HIRTZEL (217) 342-8314
TOWNSHIP: LAWRENCE
CONTRACT NO. 74180

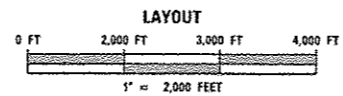


END PROJECT STA. 24+15.00

PROP. SN 051-0064
 BRIDGE SECTION (16BR)B-1
 @ STA. 13+86.00
 3 SPAN WEB R GIRDER
 519'-0" BACK TO BACK

EQUATION:
 STA. 10+77.62 BK =
 STA. 10+72.60 AH

BEGIN PROJECT STA. 5+10.00



GROSS LENGTH = 1910.02 FT. = 0.362 MILES
 NET LENGTH = 1910.02 FT. = 0.362 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED March 21 20 17
Jeffery M. Smalls
 REGIONAL ENGINEER

May 12 20 17
Maxwell M. Addison
 ENGINEER OF DESIGN AND ENVIRONMENT

May 12 20 17
Andrew Allen 2
 DIRECTOR OF PROGRAM DEVELOPMENT

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 OF THE STATE OF ILLINOIS**

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2017 AND THE "SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAP ROUTE 332 (ILLINOIS ROUTE 1) IN LAWRENCE COUNTY, AT THE EMBARRASS RIVER JUST NORTH OF LAWRENCEVILLE. THE WORK INCLUDED IN SECTION (16BR)B-1 CONSISTS OF STRUCTURE REMOVAL AND REPLACEMENT, PAVEMENT REMOVAL AND REPLACEMENT, HOT-MIX ASPHALT RESURFACING, CURB AND GUTTER, GUARDRAIL, STORM SEWER, AGGREGATE SHOULDERS, HMA SHOULDERS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE RESIDENT ENGINEER WILL MONITER THE PROJECT TO ENSURE THE EQUIPMENT AND PERSONNEL ARE STAYING WITHIN THE AREA OF IMPACT AS SHOWN ON THE EROSION CONTROL PLANS AND FOLLOWING ALL RESTRICTION DATES AT ALL TIMES.

THE IN-STREAM WORK PAD SHALL NEVER COMPLETELY RESTRICT THE RIVER. ALL FISH AND TRULES IN THE WATER WILL BE ABLE TO NAVIGATE IN AND AROUND THE PROJECT AREA DURING CONSTRUCTION.

DURING THE REMOVAL OF THE EXISTING STRUCTURE, THE CONTRACTOR SHALL REMOVE EACH PRECAST PRESTRESSED CONCRETE DECK BEAM, INTACT IF POSSIBLE, AND STOCKPILE THEM FOR DISPOSAL. IF ANY DECK BEAM IS STRUCTURALLY DEFICIENT AND CANNOT BE LIFTED OUT INTACT, THE CONTRACTOR SHALL BREAK THE DECK BEAM AS NECESSARY. THE DEBRIS FROM THE DECK BEAM SHALL BE CAPTURED BY A PROTECTIVE SHIELD. NO DEBRIS SHALL BE PERMITTED TO FALL INTO THE RIVER DURING THE DECK REMOVAL.

THE BUILDUP OF DEBRIS AROUND THE EXISTING BRIDGE PIERS SHALL BE REMOVED TO THE SATISFACTION OF THE ENGINEER. THE DEBRIS REMOVAL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES.

IN ADDITION TO SURVEYS, SOME OF THE PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING CONDITIONS HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIAL. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

ALL ELEVATIONS ARE BASED ON VERTICAL CONTROL PROVIDED BY THE DISTRICT'S CONSULTANT. HORIZONTAL DATUM IS BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM.

THE RESIDENT ENGINEER WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.

THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO WITHIN EXISTING AND/OR PROPOSED RIGHT-OF-WAY AND/OR CONSTRUCTION EASEMENTS.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

AGGREGATE BASE COURSE TYPE B SHALL BE CRUSHED STONE.

THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE RESIDENT ENGINEER SHALL BE THE SOLE AUTHORITY CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.18 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT BINDER COURSE, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON THE MILLED SURFACE. PAINT OR TAPE CAN BE USED ON THE BITUMINOUS MATERIALS (PRIME COAT) AND HOT-MIX ASPHALT BINDER COURSE.

THE TOTAL QUANTITY OF MODIFIED URETHANE PAVEMENT MARKING - LINE 4" CONSISTS OF 1,781 FEET OF YELLOW AND 4,782 FEET OF WHITE. THE TOTAL QUANTITY OF MODIFIED URETHANE PAVEMENT MARKING - LINE 12" CONSISTS OF 91 FEET OF YELLOW AND 51 FEET OF WHITE.

ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO THE START OF RESURFACING OPERATIONS. THIS WORK WILL BE PAID FOR AS OUTLINED IN THE SPECIAL PROVISIONS.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS SINGLE MARKERS AS SHOWN ON STANDARD 781001-03. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 17 TWO-WAY AMBER MARKERS.

THE COST OF BARRICADES, TYPE III USED DURING STAGE CONSTRUCTION SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION ITEMS.

THE CONTRACTOR IS REQUIRED TO SUPPLY ANY NECESSARY ROUTE SIGNS AS REQUIRED BY THE TRAFFIC CONTROL PLAN. COST INCLUDED IN TRAFFIC CONTROL.

THE RESIDENT ENGINEER SHALL CONTACT PHIL NOSBISCH, THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN, AT (217) 342-8276 A MINIMUM OF SEVEN DAYS PRIOR TO PLANTING ANY TREES SO THAT HE CAN DETERMINE THE LOCATIONS OF THE NEW TREES.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: SURFACE COURSE (FULL DEPTH PAV'T AND MAINLINE)
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: HOT-MIX ASPHALT BINDER COURSE, 7 1/2" AND 11 3/4"
 (FULL DEPTH PAV'T)
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: BINDER COURSE (VARIOUS DEPTHS)
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: HOT-MIX ASPHALT SHOULDERS (BOTTOM LIFTS)
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 58-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: HOT-MIX ASPHALT SHOULDERS (TOP LIFT)
 APPLICATION: HOT-MIX ASPHALT SHOULDERS
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: CLASS D PATCHING
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: INCIDENTAL HMA SURFACE
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

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

AGGREGATE SHOULDER	2.05	TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)-AGG BASE	0.25	LBS/SQ FT
BITUMINOUS MATERIALS (PRIME COAT)-MILLED SURFACE	0.05	LBS/SQ FT
BITUMINOUS MATERIALS (PRIME COAT)-FOG COAT	0.025	LBS/SQ FT
HOT-MIX ASPHALT	112	LBS/SQ YD/INCH

UTILITIES – LOCATIONS/INFORMATION ON PLANS

UNLESS NOTED OTHERWISE, THE LOCATIONS OF EXISTING SEWERS, ELECTRIC POWER LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. THESE LOCATIONS ARE NOTED THROUGHOUT THE PLAN AND PROFILE SHEETS AND ON CROSS SECTION SHEETS. UNLESS ELEVATIONS ARE SHOWN - ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON ASSUMED MINIMUM DEPTHS AS REQUIRED BY NORMAL CONSTRUCTION PRACTICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

IN ADDITION TO J.U.L.I.E. REQUIREMENTS, CONTACT MIKE WORTHEY AT 217-342-8284 TO HAVE DEPARTMENT OWNED UNDERGROUND WIRING LOCATED, JOSH PORTER AT 217-342-8382 FOR UTILITY LOCATES NEAR TRAFFIC SIGNAL LOCATIONS AND KEN GROVE AT 217-342-8315 FOR WORK ASSOCIATED WITH UTILITY RELOCATION COORDINATION FOR THIS PROJECT.

DRAINAGE DURING STAGING

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING THE VARIOUS STAGES OF CONSTRUCTION. ALL ITEMS SHOWN IN THE PLANS WILL BE PAID FOR AS NOTED. ANY OTHER TEMPORARY ITEMS (LABOR AND/OR MATERIALS) DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

STAGING AREA & SEEDING

THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER ON LOCATION OF STAGING AREAS FOR DELIVERY OF MATERIALS, LABOR PARKING, OR EQUIPMENT STORAGE. THE CONTRACTOR IS REQUIRED TO RESTORE STAGING AREAS OR ANY OTHER DISTURBED AREA THAT IS BEYOND THE LIMITS OF CONSTRUCTION SHOWN ON THE PLANS BACK TO ITS ORIGINAL CONDITION. CLASS II SEEDING WITH EROSION PROTECTION AS DIRECTED BY THE ENGINEER WILL BE REQUIRED FOR RESTORATION OF THESE AREAS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE TOTAL COST OF THE PROJECT.

COMMITMENTS

NO COMMITMENTS

COORDINATION

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ROUTE SIGNS, SPEED LIMIT SIGNS, ETC. THE COST IS INCLUDED IN THE COST OF TRAFFIC CONTROL PAY ITEMS

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602306-03	INLET - TYPE B
602401-03	MANHOLE - TYPE A
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME & LIDS - TYPE 1
604036-03	GRATE TYPE 8
604091-03	FRAME & GRATE TYPE 24
604101-01	MEDIAN INLET FOR 24" REINFORCED CONCRETE PIPE
606001-06	COMBINATION CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
606301-04	PORTLAND CEMENT CONCRETE ISLANDS & MEDIANS
606306-04	CORRUGATED PORTLAND CEMENT CONCRETE MEDIANS
630001-11	STEEL PLATE BEAM GUARDRAIL
630301-07	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701316-11	LANE CLOSURE, 2L, 2W, BRIDGE REPAIRS, FOR SPEEDS >= 45 MPH
701421-08	LANE CLOSURE, MULTI-LANE, DAY OPERATIONS ONLY, 45 MPH TO 55 MPH
701422-09	LANE CLOSURE, MULTI-LANE, 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS

FILE NAME - P:\IL\084EBID\INTEG\illinois.gov\PI\DOT Documents\DOT Offices\District 7\Projects\74180\Drawings\CAD\Drawings\Drawings\0774180-shr-gen-note.dwg Default	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					332	(16BR)B-1	Lawrence	167	2
	PLOT DATE = 3/20/2017	DATE -	REVISED -					CONTRACT NO. 74180				
				SCALE: N/A		SHEET 1 OF 1 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT		

80% FEDERAL
20% STATE

100%
LAWRENCEVILLE

80% FEDERAL
20% STATE

100%
LAWRENCEVILLE

SUMMARY OF QUANTITIES

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		ROAD	BRIDGE	CITY	CODE NO	ITEM	UNIT		ROAD	BRIDGE	CITY
				0004	0011	0021					0004	0011	0021
X0325759	TRAFFIC CONTROL AND PROTECTION - STAGE 1	L SUM	1	1		* 25100115	MULCH, METHOD 2	ACRE	5.25	5.25			
X0325760	TRAFFIC CONTROL AND PROTECTION - STAGE 2	L SUM	1	1		* 25100630	EROSION CONTROL BLANKET	SQ YD	290	290			
X0325760	TRAFFIC CONTROL AND PROTECTION - STAGE 3	L SUM	1	1		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1060	1060			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	108	108		28000305	TEMPORARY DITCH CHECKS	FOOT	224	224			
20100500	TREE REMOVAL, ACRES	ACRE	3	3		28000400	PERIMETER EROSION BARRIER	FOOT	3058	3058			
20200100	EARTH EXCAVATION	CU YD	7935	7935		28000500	INLET AND PIPE PROTECTION	EACH	21	21			
20400800	FURNISHED EXCAVATION	CU YD	49255	49255		28100107	STONE RIPRAP, CLASS A4	SQ YD	779	779			
20800150	TRENCH BACKFILL	CU YD	328	328		28100109	STONE RIPRAP, CLASS A5	SQ YD	2523		2523		
21000310	GRANULAR EMBANKMENT, SPECIAL	CU YD	1372	1372		28200200	FILTER FABRIC	SQ YD	3302	779	2523		
* 25000200	SEEDING, CLASS 2	ACRE	5.25	5.25		31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	54	54			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	480	480		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1229	1229			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	480	480		35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	6731	6731			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	480	480		40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	27	27			
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	21	21		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11155	11155			

* SPECIALTY ITEM

FILE NAME :	USER NAME : steffanmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Documents\DOT Offices\District 7\Projects\74180\Drawings\CAD\Sheets\0774180-shr-500.dgn	CHECKED -	REVISED -			332	(168R18-1)	Lawrence	167	3	
	PLOT SCALE = 1/8"=1'-0"	DATE -	REVISED -			CONTRACT NO. 74180		[ILLINOIS] FED. AID PROJECT			
	PLOT DATE = 9/5/2016					SCALE: N/A	SHEET 1 OF 7 SHEETS	STA. TO STA.			

REV

				80% FEDERAL 20% STATE		100% LAWRENCEVILLE		80% FEDERAL 20% STATE			100% LAWRENCEVILLE		
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROAD	BRIDGE	CITY	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROAD	BRIDGE	CITY
				0004	0011	0021					0004	0011	0021
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5722	5722			42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	190	190		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	384	384			42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	4517	2133.7		2383.3
40600990	TEMPORARY RAMP	SO YD	176	176			42400800	DETECTABLE WARNINGS	SO FT	20	20		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	248	248			44000100	PAVEMENT REMOVAL	SO YD	3094	3094		
40603315	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N70	TON	207	207			44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	326	326		
40701871	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	SO YD	2806	2806			44000300	CURB REMOVAL	FOOT	541	541		
40701956	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	SO YD	2872	2872			44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	674	674		
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SO YD	533	533			44000600	SIDEWALK REMOVAL	SO FT	1942	1942		
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SO YD	1180	1180			44004250	PAVED SHOULDER REMOVAL	SO YD	250	250		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	226	226			44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	35	35		
							48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	857	857		
							48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	1669	1669		
							50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	

10

80% FEDERAL
20% STATE

100%
LAWRENCEVILLE

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20% STATE

100%
LAWRENCEVILLE

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROAD	BRIDGE	CITY
				0004	0011	0021
50105220	PIPE CULVERT REMOVAL	FOOT	189	189		
50200100	STRUCTURE EXCAVATION	CU YD	300		300	
50300100	FLOOR DRAINS	EACH	11		11	
50300225	CONCRETE STRUCTURES	CU YD	295.2		295.2	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	765.4		765.4	
50300260	BRIDGE DECK GROOVING	SQ YD	2439		2439	
50300300	PROTECTIVE COAT	SQ YD	3030		3030	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	122.2		122.2	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1	
50500505	STUD SHEAR CONNECTORS	EACH	7428		7428	
50800105	REINFORCEMENT BARS	POUND	49070		49070	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	283040		283040	
50800515	BAR SPLICERS	EACH	492		492	
50800530	MECHANICAL SPLICERS	EACH	184		184	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROAD	BRIDGE	CITY
				0004	0011	0021
51202100	FURNISHING STEEL PILES HP14X117	FOOT	490		490	
51202305	DRIVING PILES	FOOT	490		490	
51204100	TEST PILE STEEL HP14X117	EACH	2		2	
51500100	NAME PLATES	EACH	1		1	
* 51603000	DRILLED SHAFT IN SOIL	CU YD	99.7		99.7	
* 51604000	DRILLED SHAFT IN ROCK	CU YD	32		32	
52100520	ANCHOR BOLTS, 1"	EACH	24		24	
52100540	ANCHOR BOLTS, 1 1/2"	EACH	24		24	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1		
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2		
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	4		

* SPECIALTY ITEM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FILE NAME =	USER NAME = zstaffennk	DESIGNED -	REVISED -	SCALE: N/A	SHEET 3 OF 7 SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\1\1894EB\INTEG\Illinois.gov\PWIDOT\Documents\1007_Offices\District 7\Projects\74180\Drawings\CAD\Sheets\0774180-sht-500.dgn	PLotted	CHECKED -	REVISED -					332	(16BRB-1)	Lawrence	167	5
Default	PLotted	DATE -	REVISED -					CONTRACT NO. 74180				
	PLotted							ILLINOIS FED. AID PROJECT				

80% FEDERAL
20% STATE

100%
LAWRENCEVILLE

80% FEDERAL
20% STATE

100%
LAWRENCEVILLE

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROAD	BRIDGE	CITY
				0004	0011	0021
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	2		
54210024	PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	FOOT	40	40		
54248510	CONCRETE COLLAR	CU YD	1.2	1.2		
542A1933	PIPE CULVERTS, CLASS A, TYPE 3 48"	FOOT	119	119		
542A2761	PIPE CULVERTS, CLASS A, TYPE 4 36"	FOOT	304	304		
542A3385	PIPE CULVERTS, CLASS A, TYPE 5 30"	FOOT	179	179		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	430	430		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	151	151		
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	121	121		
55100400	STORM SEWER REMOVAL 10"	FOOT	231	231		
55100700	STORM SEWER REMOVAL 15"	FOOT	107	107		
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	127		127	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	84	84		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROAD	BRIDGE	CITY
				0004	0011	0021
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4		4	
60100905	PIPE DRAINS 4"	FOOT	154		154	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2		
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3		
60220005	MANHOLES, TYPE A, 4'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1	1		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60222705	MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1	1		
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	10	10		
60240361	INLETS, TYPE B, WITH MEDIAN INLET (604101)	EACH	2	2		
60500040	REMOVING MANHOLES	EACH	1	1		

FILE NAME =	USER NAME = steffannk	DESIGNED -	REVISED -
p:\N\1284EB\INTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74180\DRAWING\CA9\Sheets\0774180-shr-500.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR18-1)	Lawrence	167	6
			CONTRACT NO. 74180	
ILLINOIS FED. AID PROJECT				

				80% FEDERAL 20% STATE		100% LAWRENCEVILLE						80% FEDERAL 20% STATE		100% LAWRENCEVILLE	
SUMMARY OF QUANTITIES				TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES				TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	ROAD		BRIDGE	CITY	CODE NO	ITEM	UNIT	ROAD	BRIDGE		CITY		
			0004		0011	0021				0004	0011		0021		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	2	2			66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	28	28				
60600605	CONCRETE CURB, TYPE B	FOOT	61	61			66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	22	22				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1255	1255			66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2				
60608552	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	414	414			* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	320	320				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1354	1354			* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1				
60624600	CORRUGATED MEDIAN	SQ FT	578	578			* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2				
61000050	CONCRETE THRUST BLOCKS	EACH	4	4			67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24				
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	25	25			67000600	ENGINEER'S FIELD LABORATORY	CAL MO	24	24				
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4			67100100	MOBILIZATION	L SUM	1	1				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4			70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
63200310	GUARDRAIL REMOVAL	FOOT	687	687			70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30				
							70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1				
							70300100	SHORT-TERM PAVEMENT MARKING	FOOT	578	578				

* SPECIALTY ITEM

13

FILE NAME =	USER NAME = stoffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11864EBID\INTEG\illinois.gov\PWIDOT\Documents\1007 Offices\District 7\Projects\7410\DRAWING\CAD\Sheets\0774180-ahs-509.dgn	PLT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -			332	(16)BRB-1	Lawrence	167	7	
Default	PLT DATE = 10/19/2016	DATE -	REVISED -			SCALE: N/A SHEET 5 OF 7 SHEETS STA. TO STA.		CONTRACT NO. 74180			
						ILLINOIS FED. AID PROJECT					

80% FEDERAL
20% STATE

100%
LAWRENCEVILLE

80% FEDERAL
20% STATE

100%
LAWRENCEVILLE

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROAD	BRIDGE	CITY
				0004	0011	0021
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	50 FT	96	96		
70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	6563	6563		
70300260	TEMPORARY PAVEMENT MARKING LINE 12"	FOOT	91	91		
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	6563	6563		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	91	91		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	61	61		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	10	10		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8		
* A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	119	119		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				ROAD	BRIDGE	CITY
				0004	0011	0021
* A2001316	TREE, ACER SACCHARINUM (SILVER MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	60	60		
* A2002316	TREE, BETULA NIGRA (RIVER BIRCH), 2" CALIPER, BALLED AND BURLAPPED	EACH	100	100		
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	60	60		
* A2004620	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	60	60		
* A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO), 2" CALIPER, BALLED AND BURLAPPED	EACH	60	60		
* A2005816	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED	EACH	60	60		
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	120	120		
* A2006916	TREE, QUERCUS PALUSTRIS (PIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	100	100		
* A2007416	TREE, SALIX BABYLONICA (BABYLON WEeping WILLOW), 2" CALIPER, BALLED AND BURLAPPED	EACH	60	60		

* SPECIALTY ITEM

FILE NAME =	USER NAME = cstaffennik	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74180\Drawings\CAD\Sheets\0774180-sh1-500.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100:2220' / 1"	CHECKED -	REVISED -
	PLOT DATE = 10/19/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 6 OF 7 SHEETS STA. TO STA.

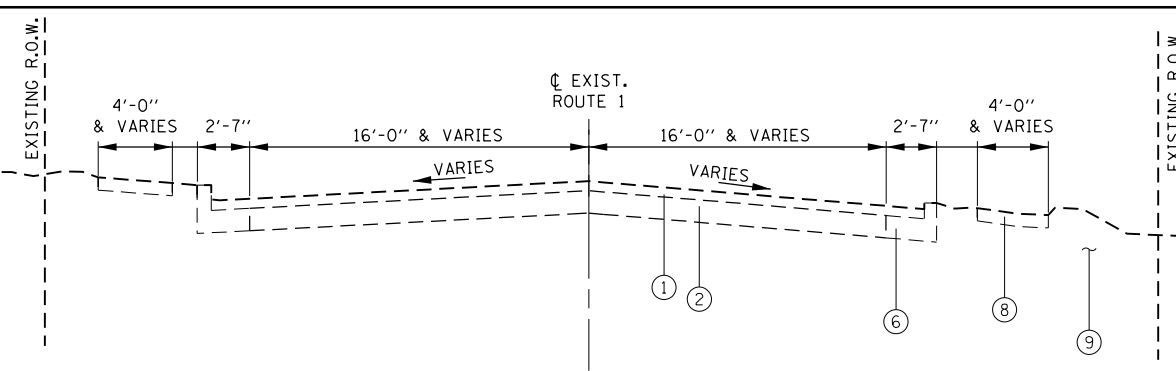
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	16BR18-1	Lawrence	167	8
CONTRACT NO. 74180			[ILLINOIS] FED. AID PROJECT	

REV

				80% FEDERAL 20% STATE		100% LAWRENCEVILLE						80% FEDERAL 20% STATE		100% LAWRENCEVILLE	
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROAD	BRIDGE	CITY	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROAD	BRIDGE	CITY		
				0004	0011	0021					0004	0011	0021		
* A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	120	120			* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	91	91				
X0326131	RELOCATE EXISTING TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1			Z0001495	BRIDGE APPROACH SHOULDER REMOVAL	SO YD	21	21				
X0327487	TRIAxIAL GEOGRID REINFORCEMENT, TYPE I	SO YD	2743	2743			Z0001900	ASBESTOS BEARING PAD REMOVAL	EACH	14		14			
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	2367	2367			Z0004552	APPROACH SLAB REMOVAL	SO YD	197	197				
X0900020	THERMAL INTEGRITY PROFILE TESTING	EACH	2		2		Z0004638	PAVEMENT BREAKING	SO YD	989	989				
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	272	272			Z0005010	HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX)	TON	4	4				
X4403800	MEDIAN SURFACE REMOVAL	SO FT	1611	1611			Z0016702	DETOUR SIGNING	L SUM	1	1				
X4404000	PARKING LOT PAVEMENT REMOVAL	SO YD	637	637			Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	4		4			
X5017307	PROTECTIVE SHIELD, SPECIAL	SO YD	1676		1676		Z0022800	FENCE REMOVAL	FOOT	52	52				
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	296.6		296.6		Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	174		174			
X6065701	CONCRETE MEDIAN, TYPE SM-4.06	SO FT	203	203			Z0076600	TRAINEES	HOOR	500	500				
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28			X0900044	THERMAL INTEGRITY PROFILE DATA COLLECTION	FOOT	304		304			
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6563	6563											

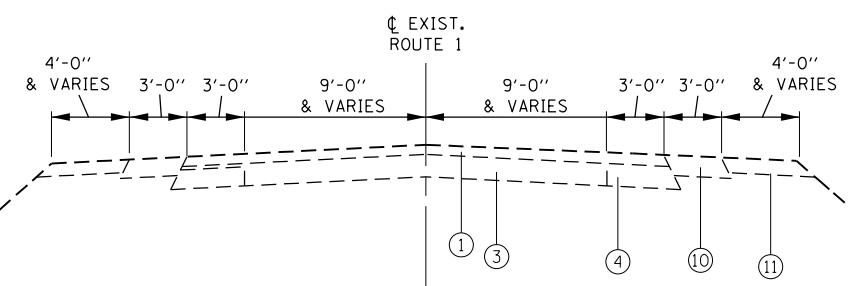
* SPECIALTY ITEM

REV



EXISTING TYPICAL SECTION
STA 5+10.00 TO STA 9+97.34

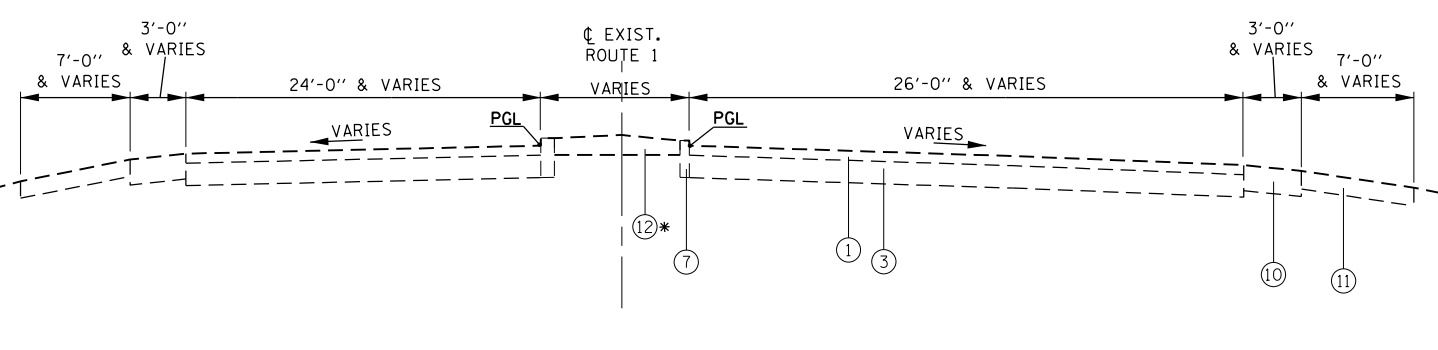
- LEGEND
- ① EXISTING HMA OVERLAY 3"
 - ② EXISTING PCC PAVEMENT, 7"
 - ③ EXISTING PCC PAVEMENT, 10"
 - ④ EXISTING HMA BASE COURSE WIDENING, 9"
 - ⑤ EXISTING HMA PAVEMENT
 - ⑥ EXISTING CONCRETE CURB AND GUTTER
 - ⑦ EXISTING CONCRETE CURB
 - ⑧ EXISTING SIDEWALK
 - ⑨ EXISTING EMBANKMENT
 - ⑩ EXISTING PAVED SHOULDER, 6"
 - ⑪ EXISTING AGGREGATE SHOULDER
 - ⑫ EXISTING HMA MEDIAN SURFACE
 - ⑬ EXISTING AGGREGATE SURFACE



EXISTING TYPICAL SECTION
STA 9+97.34 TO STA 18+53.55

EQUATION:
STA. 10+77.62 BK =
STA. 10+72.60 AH

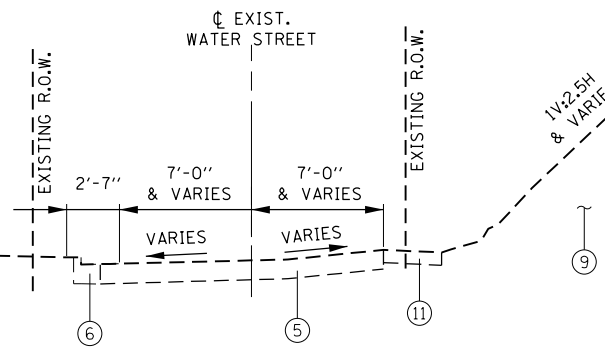
BRIDGE OMISSION:
STA. 11+60.63 TO STA. 16+11.18



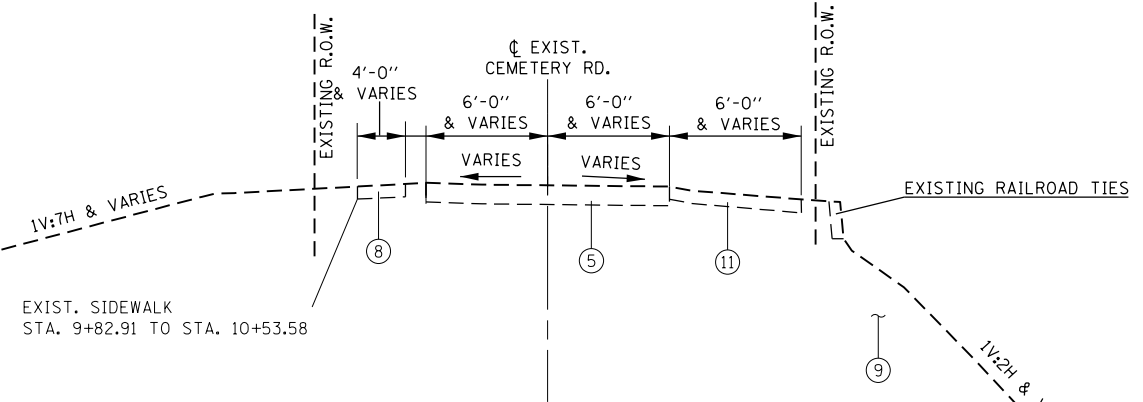
EXISTING TYPICAL SECTION
STA 18+53.55 TO STA 24+15.00

NOTES:
* CONCRETE MEDIAN STA. 21+75.52 TO STA. 22+37.50
EARTH MEDIAN STA. 22+37.50 TO STA. 24+15.00

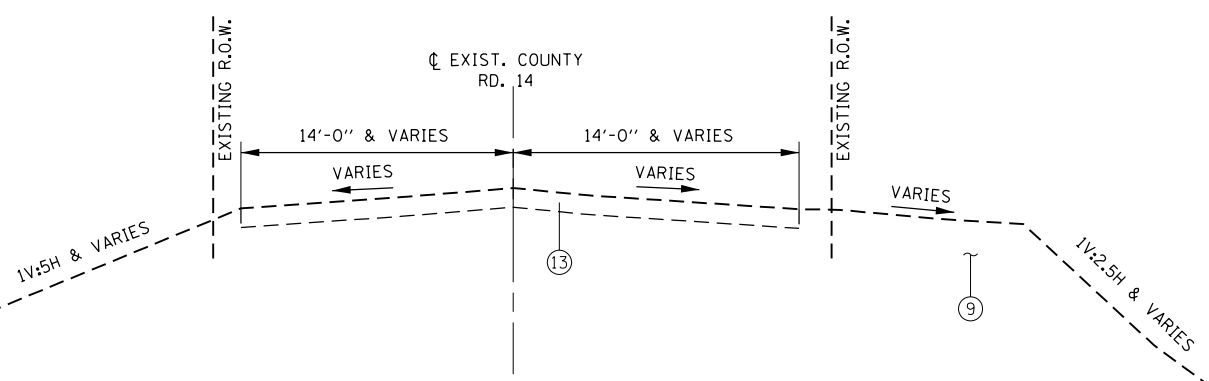
FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS			F.A.P. RTE. = 332	SECTION = (16BR)B-1	COUNTY = Lawrence	TOTAL SHEETS = 167	SHEET NO. = 10
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74180\Drawings\CADsheets\0774180-sh1-top-001.dwg		CHECKED -	REVISED -		SCALE: N/A	SHEET 1 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 74180				
Default	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 8/5/2016											



EXISTING TYPICAL SECTION
WATER STREET
 STA 2+18.00 TO STA 4+33.00



EXISTING TYPICAL SECTION
CEMETERY ROAD
 STA 7+12.22 TO STA 10+53.58



EXISTING TYPICAL SECTION
COUNTY HIGHWAY 14
 STA 5+12.00 TO STA 9+91.97

- LEGEND**
- ① EXISTING HMA OVERLAY 3"
 - ② EXISTING PCC PAVEMENT, 7"
 - ③ EXISTING PCC PAVEMENT, 10"
 - ④ EXISTING HMA BASE COURSE WIDENING, 9"
 - ⑤ EXISTING HMA PAVEMENT
 - ⑥ EXISTING CONCRETE CURB AND GUTTER
 - ⑦ EXISTING CONCRETE CURB
 - ⑧ EXISTING SIDEWALK
 - ⑨ EXISTING EMBANKMENT
 - ⑩ EXISTING PAVED SHOULDER, 6"
 - ⑪ EXISTING AGGREGATE SHOULDER
 - ⑫ EXISTING HMA MEDIAN SURFACE
 - ⑬ EXISTING AGGREGATE SURFACE

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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Default	PLOT DATE = 8/5/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: N/A SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	11
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK	
	NO.	

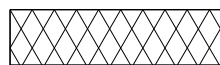
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK	
	NO.	

STRUCTURAL DESIGN TRAFFIC = 5787 DHV YEAR 2022
PV = 5262 SU = 292 MU = 234

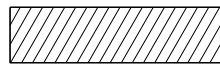
ROAD CLASSIFICATION: PRINCIPAL ARTERIAL
ROAD CLASS: II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 91% S = 5% M = 4%

TRAFFIC FACTOR:
ACTUAL TF = 1.24
MINIMUM TF = 3.81



REMOVAL



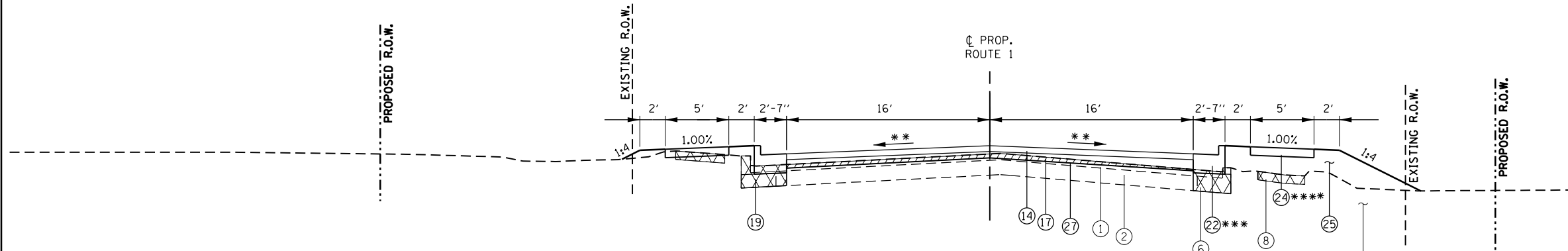
HMA SURFACE REMOVAL (VAR. DEPTH)

** SUPER ELEVATION TRANSITION TABLE	
Station	Grades
5+10.00	1.50% to 1.50% (PGL)
5+96.00	1.50% to 1.50%
6+31.00	0.00% to 1.50%
6+62.25	1.50% to 1.50%
6+91.00	2.88% to 2.88%
10+58.00	2.88% to 2.88%
10+81.35 (AH)	1.50% to 1.50%
11+13.00	0.00% to 1.50%
11+48.00	1.50% to 1.50%
24+15.00	1.50% to 1.50%

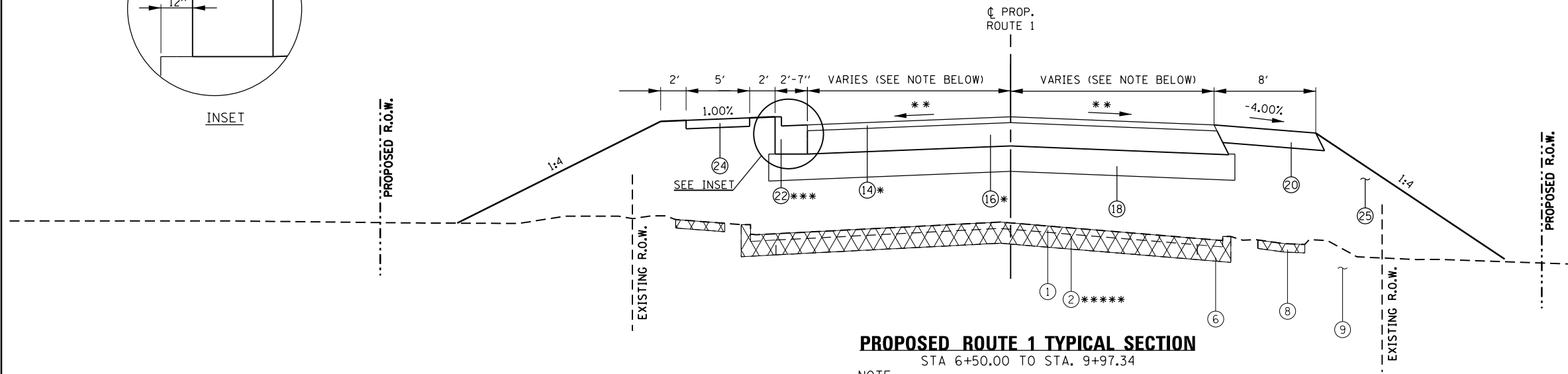
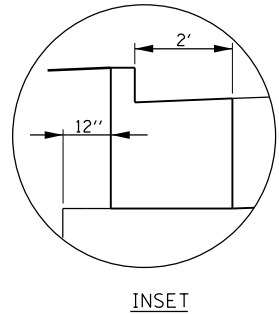
- NOTES:
- * PAID FOR AS FULL DEPTH HMA PAVEMENT
 - ** SEE SUPERELEVATION TRANSITION TABLE.
 - *** SPILL GUTTER ON HIGH SIDE OF SUPERELEVATED CURVES.
 - **** SIDEWALK RT ENDS AT WATER ST. S. RADIUS, HMA SHOULDER BEGINS AT WATER ST. N. RADIUS.
 - ***** PER ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION THE EXISTING PAVEMENT AND PAVED SHOULDERS WILL BE TREATED AS FOLLOWS:
- | | |
|---------------|--|
| REMOVED | STA. 6+50.00 TO STA. 7+35.00
STA. 16+11.18 TO STA. 16+75.50
STA. 20+40.00 TO STA. 21+50.00 |
| BROKEN UP | STA. 7+35.00 TO STA. 8+70.00
STA. 19+10.00 TO STA. 20+40.00 |
| LEFT IN PLACE | STA. 8+70.00 TO STA. 10+96.50
STA. 16+75.50 TO STA. 19+10.00 |

LEGEND

- | | |
|---|---|
| ① EXISTING HMA OVERLAY 3" | ⑭ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2" |
| ② EXISTING PCC PAVEMENT, 7" | ⑮ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 7 1/2" (LIFTS OF 4" & 3.5") |
| ③ EXISTING PCC PAVEMENT, 10" | ⑯ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 11 3/4" (LIFTS OF 4", 3", 2.5" & 2.25") |
| ④ EXISTING HMA BASE COURSE WIDENING, 9" | ⑰ PROPOSED HOT-MIX ASPHALT BINDER COURSE, VARIABLE DEPTH |
| ⑤ EXISTING HMA PAVEMENT | ⑱ PROPOSED AGGREGATE BASE COURSE, TYPE B, 12" |
| ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE B-6.24 | ⑲ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B |
| ⑦ EXISTING CONCRETE CURB | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDER, 8" |
| ⑧ EXISTING SIDEWALK 4" | ㉑ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6" |
| ⑨ EXISTING EMBANKMENT | ㉒ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, B-6.24 |
| ⑩ EXISTING PAVED SHOULDER, 8" | ㉓ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, M-4.06 |
| ⑪ EXISTING AGGREGATE SHOULDER, 4" | ㉔ PROPOSED CONCRETE SIDEWALK, 4" |
| ⑫ EXISTING HMA MEDIAN SURFACE | ㉕ PROPOSED EMBANKMENT |
| ⑬ EXISTING AGGREGATE, 6" | ㉖ PROPOSED GUARDRAIL (SEE NOTE) |
| | ㉗ PROPOSED HMA SURFACE REMOVAL (VAR. DEPTH) |



PROPOSED ROUTE 1 TYPICAL SECTION
STA. 5+10.00 TO STA. 6+50.00
2" BUTT JOINT STA. 5+10.00 TO STA. 5+50.00



PROPOSED ROUTE 1 TYPICAL SECTION
STA. 6+50.00 TO STA. 9+97.34

NOTE:
STA. 6+50.00 TO STA. 8+17.34 16'-0"
STA. 8+17.34 TO STA. 9+97.34 16'-0" TO 12'-0"

FILE NAME = D774180-sh-t-typicals.dgn

USER NAME = steffenk
PLOT SCALE = 40.0000' / in.
PLOT DATE = 8/5/2016

DESIGNED - JWS
DRAWN - JWS/KMO
CHECKED - SJK
DATE - 04-2012

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
SCALE: N/A SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR1B-1)	Lawrence	167	12
CONTRACT NO. 74180				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

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

**** SUPER ELEVATION TRANSITION TABLE**

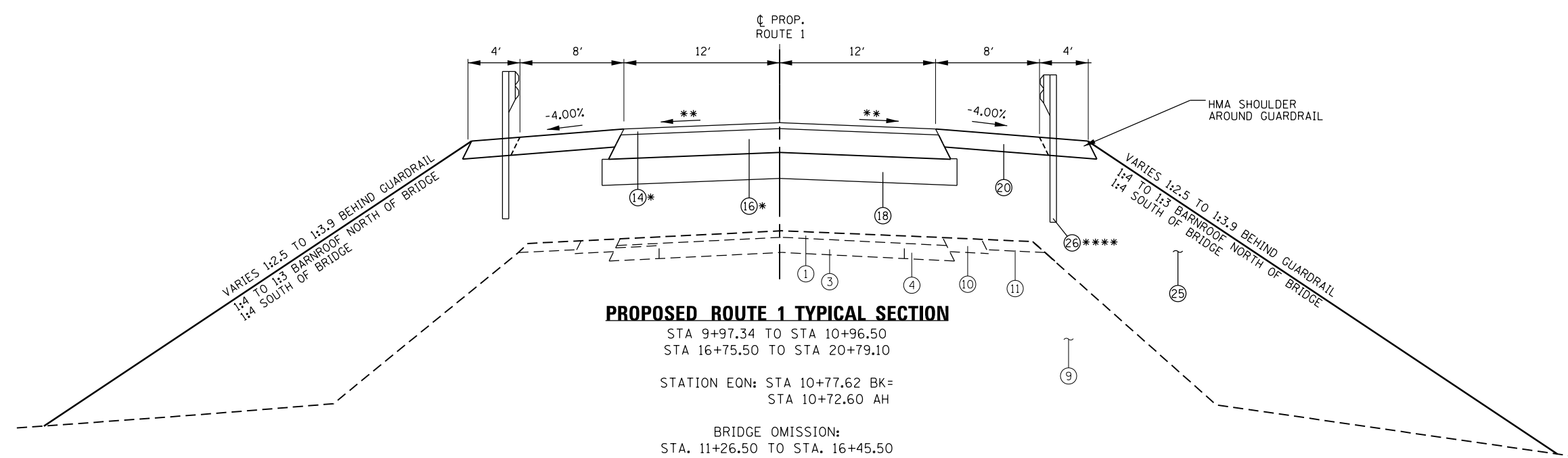
STATION	PERCENT	PERCENT	CL PGL
5+10.00	1.50%	1.50%	
5+96.00	1.50%	1.50%	
6+31.00	0.00%	1.50%	
6+62.25	1.50%	1.50%	
6+91.00	2.88%	2.88%	
10+58.00	2.88%	2.88%	
10+81.35 (AH)	1.50%	1.50%	
11+13.00	0.00%	1.50%	
11+48.00	1.50%	1.50%	
24+15.00	1.50%	1.50%	

NOTES:

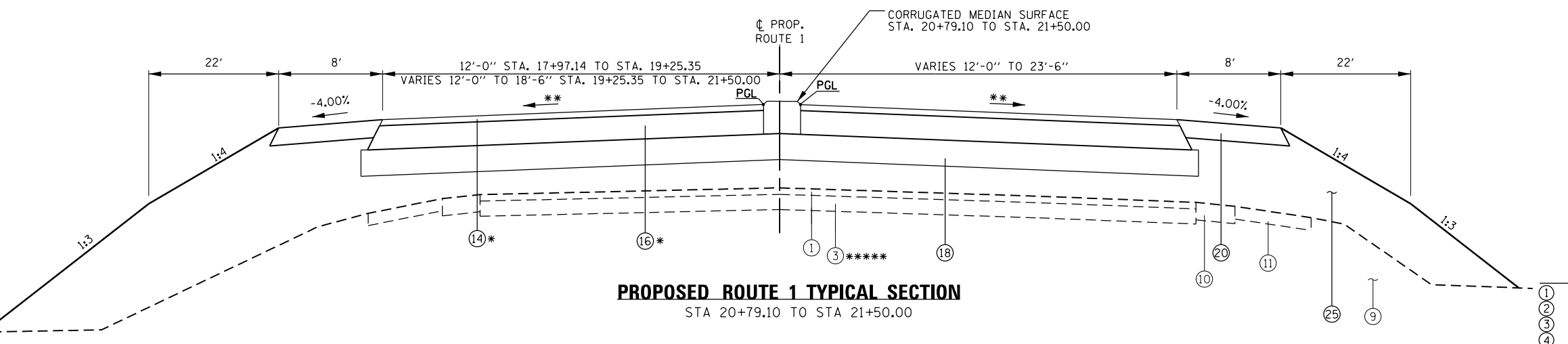
- * PAID FOR AS FULL DEPTH HMA PAVEMENT
- ** SEE SUPERELEVATION TRANSITION TABLE.
- *** SPILL GUTTER ON HIGH SIDE OF SUPERELEVATED CURVES.
- **** GUARDRAIL LT STA. 10+23.37 TO STA. 11+11.50
STA. 16+11.18 TO STA. 17+66.15
GUARDRAIL RT STA. 10+10.87 TO STA. 11+11.50
STA. 16+60.50 TO STA. 17+53.65
- ***** PER ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION THE EXISTING PAVEMENT AND PAVED SHOULDERS WILL BE TREATED AS FOLLOWS:

REMOVED	STA. 6+50.00 TO STA. 7+35.00 STA. 16+11.18 TO STA. 16+75.50 STA. 20+40.00 TO STA. 21+50.00
BROKEN UP	STA. 7+35.00 TO STA. 8+70.00 STA. 19+10.00 TO STA. 20+40.00
LEFT IN PLACE	STA. 8+70.00 TO STA. 10+96.50 STA. 16+75.50 TO STA. 19+10.00

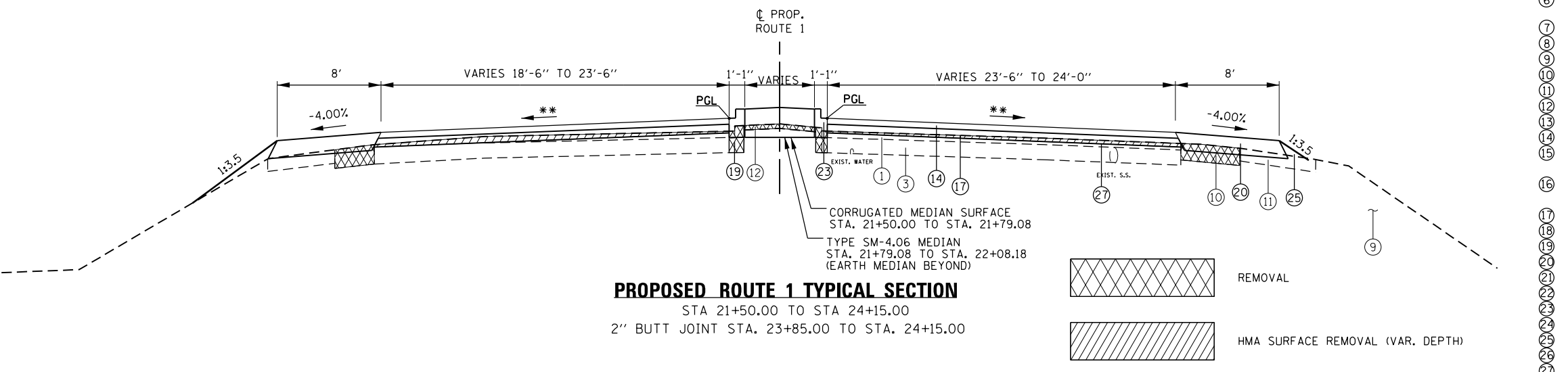
- LEGEND**
- ① EXISTING HMA OVERLAY 3"
 - ② EXISTING PCC PAVEMENT, 7"
 - ③ EXISTING PCC PAVEMENT, 10"
 - ④ EXISTING HMA BASE COURSE WIDENING, 9"
 - ⑤ EXISTING HMA PAVEMENT
 - ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE B-6.24
 - ⑦ EXISTING CONCRETE CURB
 - ⑧ EXISTING SIDEWALK 4"
 - ⑨ EXISTING EMBANKMENT
 - ⑩ EXISTING PAVED SHOULDER, 8"
 - ⑪ EXISTING AGGREGATE SHOULDER, 4"
 - ⑫ EXISTING HMA MEDIAN SURFACE
 - ⑬ EXISTING AGGREGATE, 6"
 - ⑭ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
 - ⑮ PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/2" (LIFTS OF 4" & 3.5")
 - ⑯ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 11 3/4" (LIFTS OF 4", 3", 2.5" & 2.25")
 - ⑰ PROPOSED HOT-MIX ASPHALT BINDER COURSE, VARIABLE DEPTH
 - ⑱ PROPOSED AGGREGATE BASE COURSE, TYPE B, 12"
 - ⑲ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B
 - ⑳ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
 - ㉑ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"
 - ㉒ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, B-6.24
 - ㉓ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, M-4.06
 - ㉔ PROPOSED CONCRETE SIDEWALK, 4"
 - ㉕ PROPOSED EMBANKMENT
 - ㉖ PROPOSED GUARDRAIL (SEE NOTE)
 - ㉗ PROPOSED HMA SURFACE REMOVAL (VAR. DEPTH)



PROPOSED ROUTE 1 TYPICAL SECTION
 STA 9+97.34 TO STA 10+96.50
 STA 16+75.50 TO STA 20+79.10
 STATION EON: STA 10+77.62 BK=
 STA 10+72.60 AH
 BRIDGE OMISSION:
 STA. 11+26.50 TO STA. 16+45.50
 BRIDGE APPROACH PAVEMENT:
 STA. 10+96.50 TO STA. 11+26.50
 STA. 16+45.50 TO STA. 16+75.50



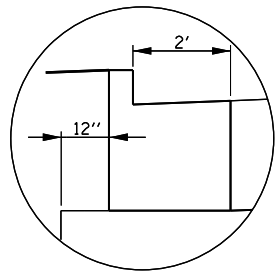
PROPOSED ROUTE 1 TYPICAL SECTION
 STA 20+79.10 TO STA 21+50.00



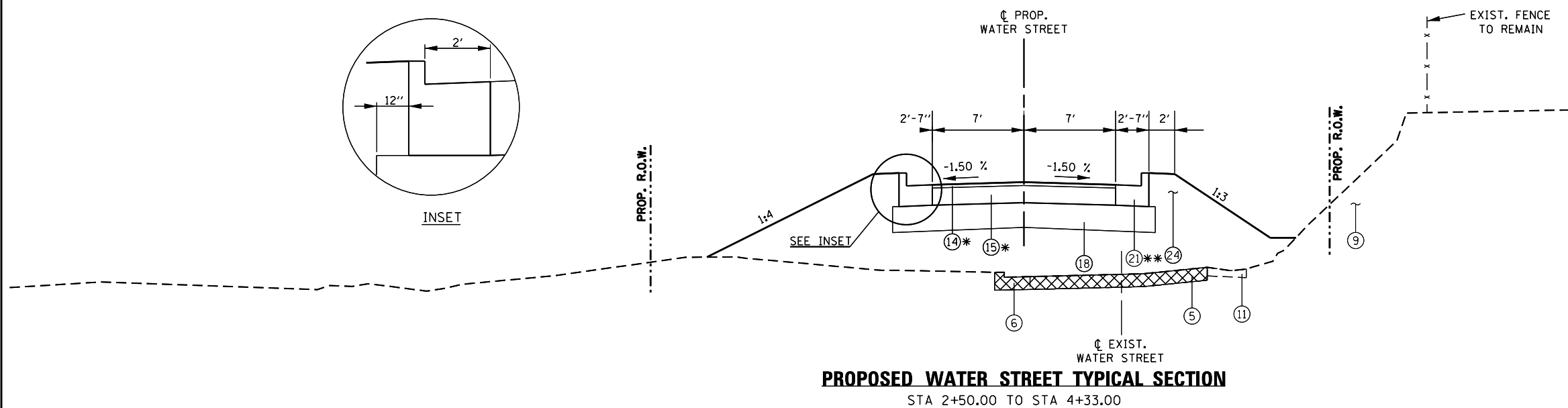
PROPOSED ROUTE 1 TYPICAL SECTION
 STA 21+50.00 TO STA 24+15.00
 2" BUTT JOINT STA. 23+85.00 TO STA. 24+15.00

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	PAID FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	PAID FILE NAME	
	NO.	

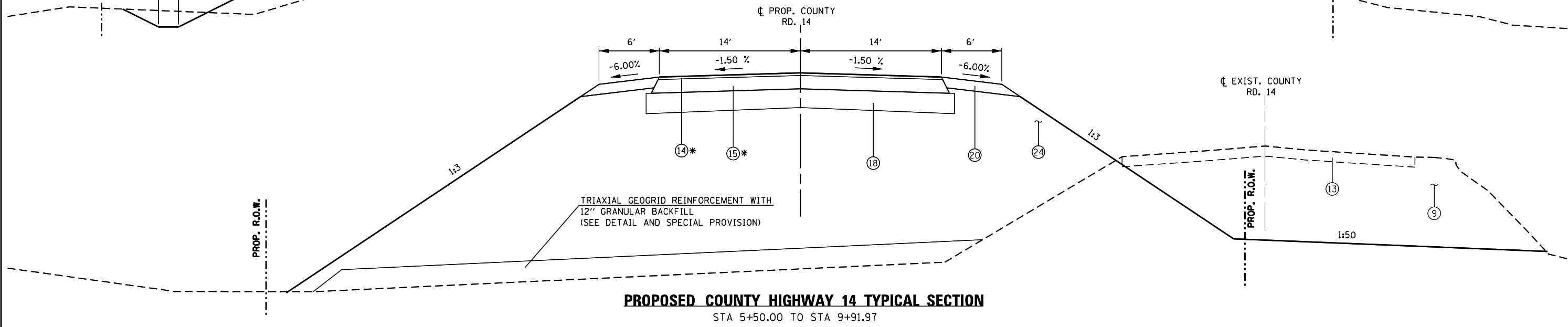
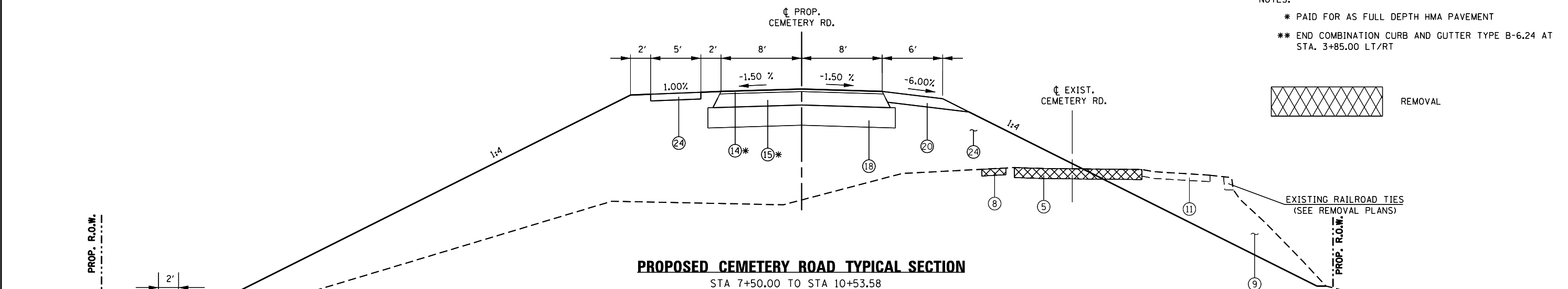
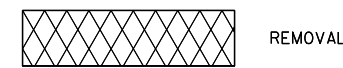


INSET



- LEGEND
- ① EXISTING HMA OVERLAY 3"
 - ② EXISTING PCC PAVEMENT, 7"
 - ③ EXISTING PCC PAVEMENT, 10"
 - ④ EXISTING HMA BASE COURSE WIDENING, 9"
 - ⑤ EXISTING HMA PAVEMENT
 - ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE B-6.24
 - ⑦ EXISTING CONCRETE CURB
 - ⑧ EXISTING SIDEWALK 4"
 - ⑨ EXISTING EMBANKMENT
 - ⑩ EXISTING PAVED SHOULDER, 8"
 - ⑪ EXISTING AGGREGATE SHOULDER, 4"
 - ⑫ EXISTING HMA MEDIAN SURFACE
 - ⑬ EXISTING AGGREGATE, 6"
 - ⑭ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
 - ⑮ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 7 1/2" (LIFTS OF 4" AND 3.5")
 - ⑯ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 11 3/4" (LIFTS OF 4", 3" 2.5" & 2.25")
 - ⑰ PROPOSED HOT-MIX ASPHALT BINDER COURSE, VARIABLE DEPTH
 - ⑱ PROPOSED AGGREGATE BASE COURSE, TYPE B, 12"
 - ⑲ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B
 - ⑳ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"
 - ㉑ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, B-6.24
 - ㉒ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, M-4.06
 - ㉓ PROPOSED CONCRETE SIDEWALK, 4"
 - ㉔ PROPOSED EMBANKMENT

- NOTES:
- * PAID FOR AS FULL DEPTH HMA PAVEMENT
 - ** END COMBINATION CURB AND GUTTER TYPE B-6.24 AT STA. 3+85.00 LT/RT



FILE NAME = D774188-sht-typicals.dgn

USER NAME = steffenmk	DESIGNED - JWS	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JWS/KMO	REVISED -
PLOT DATE = 8/5/2016	CHECKED - SJK	REVISED -
	DATE - 04-2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY Lawrence	TOTAL SHEETS 167	SHEET NO. 14
			CONTRACT NO. 74180	
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE							
LOCATION				EARTH EXCAVATION	FOR INFORMATION ONLY		
					EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)
STATION	TO	STATION	DESCRIPTION	CU YD	CU YD	CU YD	CU YD
STAGE I							
ILLINOIS ROUTE 1							
17+50.00	TO	24+50.00	STAGE IA	777.8	583.3	3549.1	-2965.8
17+50.00	TO	24+50.00	STAGE IB	10.0	7.5	3008.1	-3000.6
17+50.00	TO	24+50.00	STAGE IC	88.1	66.0	2512.9	-2446.8
SUB-TOTAL:				875.8	656.9	9070.0	-8413.1
COUNTY ROAD 14							
5+50.00	TO	9+91.97	STAGE IB	46.1	34.6	15229.9	-15195.3
5+50.00	TO	9+91.97	STAGE IC	3518.9	2639.2	2058.7	580.5
SUB-TOTAL:				3565.0	2673.8	17288.6	-14614.8
STAGES II & III							
ILLINOIS ROUTE 1							
5+10.00	TO	11+26.50	BRIDGE	680.7	510.5	14517.3	-14006.8
16+45.50	TO	17+50.00		948.5	711.4	6968.1	-6256.7
SUB-TOTAL:				1629.2	1221.9	21485.4	-20263.5
WATER STREET							
2+50.00	TO	4+33.00		67.0	50.2	279.1	-228.8
SUB-TOTAL:				67.0	50.2	279.1	-228.8
CEMETERY ROAD							
7+50.00	TO	10+23.57		1799.1	1349.3	7084.7	-5735.4
SUB-TOTAL:				1799.1	1349.3	7084.7	-5735.4
TOTAL:				7936	5952	55208	-49256
• EARTH EXCAVATION:				7935	• FURNISHED EXCAVATION:		49255

• ROUNDED TO NEAREST 5 CU YD.

PERIMETER EROSION BARRIER SCHEDULE					
LOCATION					PERIMETER EROSION BARRIER
STATION	TO	STATION			FOOT
ILLINOIS ROUTE 1					
5+06.00	LT	TO	6+06.46	LT	103.6
5+62.33	RT	TO	6+26.51	RT	64.2
6+22.27	LT	TO	7+91.21	LT	182.6
6+55.67	RT	TO	6+85.59	RT	39.7
7+15.35	RT	TO	7+75.60	RT	59.1
8+08.79	LT	TO	8+31.27	LT	32.5
10+76.73	RT	TO	11+85.94	RT	131.5
19+59.39	RT	TO	24+17.76	RT	490.8
20+32.85	LT	TO	24+15.16	LT	405.8
SUB-TOTAL:					1,509.8
WATER STREET					
2+47.10	LT	TO	3+39.82	LT	98.2
3+58.81	LT	TO	4+09.31	LT	52.1
SUB-TOTAL:					150.3
CEMETERY ROAD					
7+72.75	LT	TO	8+31.38	LT	79.1
8+68.96	LT	TO	10+23.58	LT	218.4
8+80.71	RT	TO	10+23.58	RT	261.9
SUB-TOTAL:					559.4
COUNTY ROAD 14					
5+94.42	LT	TO	909+11.00	LT	358.2
5+98.36	RT	TO	9+18.84	RT	361.4
9+30.35	LT	TO	9+91.97	LT	59.9
9+37.70	RT	TO	9+91.97	RT	58.5
SUB-TOTAL:					838.0
TOTAL:					3,058

INLET & PIPE PROTECTION SCHEDULE					
LOCATION					INLET AND PIPE PROTECTION
STATION					EACH
ILLINOIS ROUTE 1					
5+86.99	17.00	LT			1
5+86.99	17.00	RT			1
6+14.30	34.00	RT			1
6+14.30	17.00	RT			1
6+70.80	17.00	RT			1
6+70.80	34.00	RT			1
7+61.15	17.00	RT			1
7+75.00	40.94	LT			1
7+90.49	34.06	RT			1
8+21.21	40.37	RT			1
SUB-TOTAL:					10
WATER STREET					
3+00.00	18.41	RT			1
3+24.80	8.00	RT			1
3+25.00	15.75	RT			1
3+25.07	8.00	LT			1
3+56.57	8.00	LT			1
3+56.67	8.00	RT			1
3+66.57	8.00	RT			1
SUB-TOTAL:					7
CEMETERY ROAD					
8+50.11	82.17	LT			2
SUB-TOTAL:					2
COUNTY ROAD 14					
6+11.52	94.66	RT			1
8+39.19	62.56	RT			1
SUB-TOTAL:					2
TOTAL:					21

SEEDING SCHEDULE									
LOCATION			SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING (POUND) (2 APPL.)
STATION	TO	STATION	ACRE	POUND	POUND	POUND	TON	ACRE	POUND
ILLINOIS ROUTE 1									
5+10.00	LT	TO	11+26.50	0.46	41	41	41	1.84	92.0
16+45.50	LT	TO	24+15.00	1.34	121	121	121	5.36	268.0
5+10.00	RT	TO	11+26.50	0.55	50	50	50	2.20	110.0
16+45.50	RT	TO	24+15.00	0.70	63	63	63	2.80	140.0
SUB-TOTAL:				3.05	275	275	275	12.20	610.0
WATER STREET									
2+50.00	TO	4+33.00	0.08	7	7	7	0.32	0.08	16.0
SUB-TOTAL:				0.08	7	7	0.32	0.08	16.0
CEMETERY ROAD									
7+50.00	TO	10+23.57	0.99	89	89	89	3.96	0.99	198.0
SUB-TOTAL:				0.99	89	89	3.96	0.99	198.0
COUNTY ROAD 14									
5+50.00	TO	9+91.97	1.17	105	105	105	4.68	1.17	234.0
SUB-TOTAL:				1.17	105	105.30	105.30	4.68	234.0
TOTAL:				5.29	476.10	476.10	476.10	21.16	1058.0
•PAY TOTAL:				5.25	480	480	480	21.2	1060

• RIPRAP SCHEDULE					
LOCATION			STONE RIPRAP, CLASS A4	FILTER FABRIC	
STATION			SQ YD	SQ YD	
ILLINOIS ROUTE 1					
8+30.43	57.19	LT	186.9	186.9	
9+35.17	73.22	RT	259.6	259.6	
SUB-TOTAL:			446.5	446.5	
CEMETERY ROAD					
8+50.11	82.96	LT	203.2	203.2	
8+50.21	85.73	RT	108.5	108.5	
SUB-TOTAL:			311.7	311.7	
COUNTY ROAD 14					
8+03.61	62.98	LT	21.2	21.2	
SUB-TOTAL:			21.2	21.2	
TOTAL:			779	779	

• SEE BRIDGE PLANS FOR ADDITIONAL QUANTITY

EROSION CONTROL BLANKET SCHEDULE		
LOCATION	EROSION CONTROL BLANKET	
	SQ YD	
ILLINOIS ROUTE 1		
SW QUADRANT	80.2	
SE QUADRANT	65.6	
NW QUADRANT	87.6	
NE QUADRANT	56.7	
SUB-TOTAL:		290.1
TOTAL:		290

TEMPORARY DITCH CHECK SCHEDULE				
LOCATION				TEMPORARY DITCH CHECKS
STATION	TO	STATION		FOOT
ILLINOIS ROUTE 1				
5+10.00	TO	10+72.62	LT	72
5+10.00	TO	10+72.62	RT	80
10+77.62	TO	24+15.00	LT	24
10+77.62	TO	24+15.00	RT	8
SUB-TOTAL:				184
WATER STREET				
2+50.00	TO	4+33.00	RT	8
SUB-TOTAL:				8
CEMETERY ROAD				
8+00.00	TO	10+53.48	LT	16
8+00.00	TO	10+53.48	RT	16
SUB-TOTAL:				32
TOTAL:				224

TREE REMOVAL SCHEDULE					
LOCATION			TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES	
STATION TO STATION		UNIT	ACRE		
ILLINOIS ROUTE 1					
8+34.14	TO	10+29.59		0.18	
9+32.13	TO	10+77.62		0.19	
9+00.73		RT	32		
9+06.29		RT	38		
10+77.62	TO	13+74.21		0.6	
10+77.62	TO	12+74.34		0.22	
15+95.67	TO	20+10.38		0.21	
18+07.44	TO	22+28.28		0.43	
SUB-TOTAL:			70	1.83	
WATER STREET					
3+27.90	15.66	LT	38		
SUB-TOTAL:			38		
CEMETERY ROAD					
7+11.58	TO	10+17.97		0.57	
7+89.17	TO	10+17.97		0.15	
SUB-TOTAL:			0	0.72	
COUNTY ROAD 14					
6+05.49	TO	8+83.68		0.49	
SUB-TOTAL:			0	0.49	
TOTAL:			108	3.00	

DRIVEWAY PAVEMENT REMOVAL SCHEDULE					
LOCATION			DRIVEWAY PAVEMENT REMOVAL		
STATION	TO	STATION	SQ YD		
ILLINOIS ROUTE 1					
5+68.61	RT	TO 6+06.51	RT	23.0	
5+96.75	LT	TO 6+37.54	LT	33.8	
6+35.40	RT	TO 7+55.15	RT	91.3	
6+57.37	LT	TO 7+02.17	LT	76.0	
7+73.37	LT	TO 8+08.21	LT	91.7	
SUB-TOTAL:			315.80		
WATER STREET					
3+60.28	RT	TO 3+75.08	RT	10.60	
SUB-TOTAL:			10.60		
TOTAL:			326		

SIDEWALK REMOVAL SCHEDULE					
LOCATION			SIDEWALK REMOVAL		
STATION	TO	STATION	SQ FT		
ILLINOIS ROUTE 1					
5+18.17	LT	TO 6+05.54	LT	340.3	
5+03.50	RT	TO 5+42.29	RT	500.0	
6+05.61	RT	TO 6+40.21	RT	198.4	
6+23.39	LT	TO 6+73.29	LT	278.4	
6+96.98	LT	TO 7+73.35	LT	308.4	
7+51.35	LT	TO 7+73.89	LT	79.2	
SUB-TOTAL:			1704.7		
CEMETERY ROAD					
9+93.92	LT	TO 10+53.58	LT	237.4	
SUB-TOTAL:			237.4		
TOTAL:			1942		

PAVED SHOULDER REMOVAL SCHEDULE					
LOCATION			PAVED SHOULDER REMOVAL		
STATION	TO	STATION	SQ YD		
ILLINOIS ROUTE 1					
20+40.00	LT	TO 24+15.00	LT	125.0	
20+40.00	RT	TO 24+15.00	RT	125.0	
SUB-TOTAL:			250.00		
PAY TOTAL:			250		

PAVEMENT REMOVAL SCHEDULE							
LOCATION		PAVEMENT REMOVAL	PARKING LOT PAVEMENT REMOVAL	PAVEMENT BREAKING	APPROACH SLAB REMOVAL	BRIDGE APPROACH SHOULDER REMOVAL	
STATION	TO	STATION	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
ILLINOIS ROUTE 1							
5+10.00	TO	6+50.00	13.1	-	-	-	-
5+68.26	TO	7+83.23	-	637.2	-	-	-
6+50.00	TO	7+35.00	296.3	-	-	-	-
7+35.00	TO	8+70.00	-	-	511.4	-	-
10+96.50	TO	11+30.53	121.8	-	-	-	-
11+30.53	TO	11+60.53	-	-	-	99.2	9.3
16+11.18	TO	16+41.18	-	-	-	97.4	11.1
16+41.18	TO	17+26.34	124.0	-	-	-	-
19+10.00	TO	20+40.00	-	-	477.2	-	-
20+40.00	TO	21+50.00	438.6	-	-	-	-
21+85.36	TO	21+15.00	64.7	-	-	-	-
SUB-TOTAL:			1058.5	637.2	988.6	196.6	20.4
CHARLES STREET							
5+52.08			56.8	-	-	-	-
SUB-TOTAL:			56.8	0.0	0.0	0.0	0.0
WATER STREET							
2+15.16	TO	4+03.00	411.0	-	-	-	-
SUB-TOTAL:			411.0	0.0	0.0	0.0	0.0
CEMETERY ROAD							
7+50.00	TO	10+23.58	387.6	-	-	-	-
SUB-TOTAL:			387.6	0.0	0.0	0.0	0.0
• STAGING SUB-TOTAL:			1180.0	-	-	-	-
TOTAL:			3094	637	989	197	21

• SEE STAGING SCHEDULE

CURB AND GUTTER REMOVAL SCHEDULE					
LOCATION			COMBINATION CURB AND GUTTER REMOVAL	CURB REMOVAL	
STATION	TO	STATION	FOOT	FOOT	
ILLINOIS ROUTE 1					
5+18.17	LT	TO 7+35.00	LT	217.4	
5+10.15	RT	TO 5+42.05	RT	34.5	
5+63.33	RT	TO 7+35.10	RT	179.9	
21+74.93	LT	TO 24+15.00	LT	240.1	
21+75.14	RT	TO 24+15.00	RT	240.1	
SUB-TOTAL:			431.8	480.2	
WATER STREET					
2+73.22	LT	TO 3+49.77	LT	76.5	
SUB-TOTAL:			76.5		
• STAGING SUB-TOTAL:			165.3	61.0	
TOTAL:			674	541	

• SEE STAGING SCHEDULE

HMA SURFACE REMOVAL SCHEDULE				
LOCATION		HMA SURFACE REMOVAL, BUTT JOINT	HMA SURFACE REMOVAL, VARIABLE DEPTH	
STATION	TO	STATION	SQ YD	SQ YD
ILLINOIS ROUTE 1				
5+10.00	TO	5+50.00	138.8	-
5+50.00	TO	6+00.00	-	116.3
23+55.00	LT	TO 23+85.00	LT	74.8
23+55.00	RT	TO 23+85.00	RT	80.8
23+85.00	LT	TO 24+15.00	LT	76.5
23+85.00	RT	TO 24+15.00	RT	80.5
SUB-TOTAL:			295.8	271.9
WATER STREET				
4+03.00	TO	4+33.00	48.5	-
SUB-TOTAL:			48.5	0.0
CEMETERY ROAD				
10+23.58	TO	10+53.58	39.9	-
SUB-TOTAL:			39.9	0.0
TOTAL:			384	272

FENCE REMOVAL SCHEDULE				
LOCATION			FENCE REMOVAL	
STATION	TO	STATION	FOOT	
CEMETERY ROAD				
9+90.95	LT	TO 10+22.55	LT	52
SUB-TOTAL:			52	

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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Default	PLOT DATE = 10/19/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	16
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

PAVING SCHEDULE														
LOCATION			LENGTH	AVERAGE PAVEMENT WIDTH	SUBBASE GRANULAR MATERIAL, TYPE B	AGGREGATE BASE COURSE, TYPE B 12"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N 70	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N 70	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	TEMPORARY RAMP	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
STATION	TO	STATION	FOOT	FOOT	TON	SO YD	POUND	POUND	TON	TON	SO YD	SO YD	SO YD	SO YD
ILLINOIS ROUTE 1														
5+10.00	TO	6+50.00	140.00	32.0	30.2	-	-	336.0	68.2	55.8	-	-	35.6	-
6+50.00	TO	8+17.34	167.34	VARIES	-	728.1	1638.2	655.3	-	-	-	595.0	-	-
8+17.34	TO	8+54.07	36.73	VARIES	-	153.6	345.5	138.2	-	-	-	127.3	-	-
8+54.07	TO	9+41.59	87.52	VARIES	-	332.1	747.3	298.9	-	-	-	276.4	-	-
9+41.59	TO	9+97.34	55.75	VARIES	-	187.4	421.6	168.6	-	-	-	156.4	-	-
9+97.34	TO	10+77.62	80.28	24.0	-	252.4	567.8	227.1	-	-	-	214.1	-	-
10+77.62	TO	10+96.50	18.88	24.0	-	75.1	143.5	57.4	-	-	-	63.7	26.7	266.7
16+75.50	TO	18+53.55	178.1	24.0	-	559.7	1075.7	430.3	-	-	-	474.8	26.7	266.7
18+53.55	TO	21+50.00	296.5	VARIES	-	1133.3	494.6	197.8	-	-	-	964.7	-	-
21+50.00	TO	22+08.14	58.1	VARIES	-	-	2055.3	822.1	-	16.4	-	-	-	-
21+50.00	TO	21+84.81	34.8	VARIES	-	-	-	98.4	-	6.4	-	-	-	-
21+50.00	TO	23+00.00	150.0	VARIES	-	-	-	325.2	180.2	-	-	-	-	-
21+84.81	TO	23+85.00	200.2	VARIES	-	-	-	54.5	-	46.5	-	-	-	-
22+08.14	TO	23+85.00	176.9	VARIES	23.5	-	-	38.1	-	54.1	-	-	-	-
23+85.00	TO	24+15.00	30.0	VARIES	-	-	-	279.2	-	9.1	-	-	-	-
23+85.00	TO	24+15.00	30.0	VARIES	-	-	-	51.2	-	8.5	-	-	53.3	-
SUB-TOTAL:					53.7	3421.6	7489.5	4178.3	248.4	196.8	0.0	2872.3	142.2	533.3
CHARLES STREET														
5+52.08			23.2	29.7	-	53.4	132.8	39.8	-	-	53.4	-	-	-
SUB-TOTAL:					0.0	53.4	132.8	39.8	0.0	0.0	53.4	0.0	0.0	0.0
WATER STREET														
2+16.06	TO	3+23.82	107.8	VARIES	-	372.5	838.1	167.6	-	-	273.9	-	-	-
3+23.82	TO	4+03.00	79.2	14.0	-	186.2	418.9	83.8	-	-	123.2	-	-	-
4+03.00	TO	4+33.00	30.0	14.0	-	-	105.0	21.0	-	5.3	-	-	15.6	-
SUB-TOTAL:					0.0	558.7	1362.0	272.4	0.0	5.3	397.1	0.0	15.6	0.0
CEMETERY ROAD														
7+12.70	TO	7+48.92	36.2	VARIES	-	130.1	292.8	58.6	-	-	109.6	-	-	-
7+48.92	TO	10+23.58	274.7	16.0	-	597.5	1344.5	268.9	-	-	488.3	-	17.8	-
10+23.58	TO	10+53.58	30.0	VARIES	-	-	89.8	18.0	-	4.5	-	-	-	-
SUB-TOTAL:					0.0	727.7	1727.1	345.5	0.0	4.5	597.9	0.0	17.8	0.0
COUNTY ROAD 14														
5+12.28	TO	6+32.73	120.5	VARIES	-	708.8	159.5	319.0	-	-	640.1	-	-	-
6+32.73	TO	9+91.91	359.2	28.0	-	1260.3	283.6	567.1	-	-	1117.5	-	-	-
SUB-TOTAL:					0.0	1969.1	443.1	886.1	0.0	0.0	1757.6	0.0	0.0	0.0
TOTAL:					54	6731	11155	5722	248	207	2806	2872	176	533

MEDIAN SCHEDULE					
LOCATION			CORRUGATED MEDIAN	MEDIAN SURFACE REMOVAL	CONCRETE MEDIAN, TYPE SM-4.06
STATION	TO	STATION	SO FT	SO FT	SO FT
ILLINOIS ROUTE 1					
20+79.10	TO	22+08.18	577.8	-	-
21+68.86	TO	22+25.00	-	257.1	-
21+79.08	TO	22+08.18	-	-	202.8
SUB-TOTAL:			577.8	257.1	202.8
• STAGING SUB-TOTAL:				1353.6	
TOTAL:			578	1611	203

• SEE STAGING SCHEDULE

CURB AND GUTTER SCHEDULE									
LOCATION						COMBINATION CURB AND GUTTER, TYPE B-6.24	COMBINATION CURB AND GUTTER, TYPE M-4.06	CLASS SI CONCRETE (OUTLET)	
STATION	TO	STATION	FOOT	FOOT	CU YD	FOOT	FOOT	CU YD	
ILLINOIS ROUTE 1									
5+18.16	18.00	LT TO	6+71.36	18.00	LT	153.2	-	-	
5+10.00	18.00	RT TO	5+45.20	39.63	RT	52.4	-	-	
5+61.73	40.00	RT TO	5+76.87	18.00	RT	30.6	-	-	
5+76.87	18.00	RT TO	6+12.22	18.00	RT	35.4	-	-	
6+12.22	18.00	RT TO	6+27.07	40.00	RT	30.5	-	-	
6+55.08	40.00	RT TO	6+70.23	18.00	RT	30.5	-	-	
6+70.23	18.00	RT TO	6+71.23	18.00	RT	1.0	-	-	
6+71.23	18.00	RT TO	6+86.17	50.00	RT	40.5	-	-	
6+71.36	18.00	LT TO	9+41.60	15.24	LT	271.8	-	-	
9+41.60	-	LT TO	9+46.09	-	LT	-	-	0.5	
7+14.75	50.00	RT TO	7+30.03	18.00	RT	40.5	-	-	
7+30.03	18.00	RT TO	7+63.58	18.00	RT	33.6	-	-	
7+63.58	18.00	RT TO	7+91.77	41.74	RT	39.9	-	-	
8+22.06	42.87	RT TO	8+54.12	17.18	RT	43.9	-	-	
8+54.12	-	RT TO	8+59.10	-	RT	-	-	0.5	
22+08.18	1.77	RT TO	24+15.00	8.40	RT	-	206.9	-	
22+08.11	6.31	LT TO	24+15.00	8.56	LT	-	206.9	-	
SUB-TOTAL:						803.8	413.8	1.0	
WATER STREET									
2+41.81	14.36	LT TO	3+15.78	9.00	LT	74.2	-	-	
2+43.32	15.39	RT TO	2+98.46	9.00	RT	55.7	-	-	
2+98.46	9.00	RT TO	3+15.78	9.00	RT	17.3	-	-	
3+15.78	9.00	LT TO	3+85.00	9.00	LT	68.0	-	-	
3+15.78	9.00	RT TO	3+85.00	9.00	RT	70.5	-	-	
3+85.00	-	LT TO	3+90.00	-	LT	-	-	0.5	
3+85.00	-	RT TO	3+90.00	-	RT	-	-	0.5	
SUB-TOTAL:						285.7	0.0	1.0	
• STAGING SUB-TOTAL:						165.3			
TOTAL:						1255	414	2	

• SEE STAGING SCHEDULE

SHOULDER SCHEDULE					
LOCATION			AGGREGATE SHOULDER, TYPE B, 6"	HMA SHOULDERS, 8"	
STATION	TO	STATION	SO YD	SO YD	
ILLINOIS ROUTE 1					
8+54.25	RT TO	11+11.5	RT	275.6	
9+92.3	LT TO	11+11.5	LT	152.3	
16+60.5	RT TO	18+28.27	RT	187.0	
16+60.5	LT TO	23+85.00	LT	686.8	
19+41.85	RT TO	23+85.00	RT	367.7	
SUB-TOTAL:			0.0	1669.4	
CEMETERY ROAD					
7+28.61	RT TO	7+49.68	RT	14.1	
7+49.68	RT TO	10+23.58	RT	182.6	
SUB-TOTAL:			196.7	0.0	
COUNTY ROAD 14					
5+05.96	LT TO	5+63.58	LT	65.8	
5+29.04	RT TO	6+32.73	RT	69.1	
5+63.58	LT TO	9+91.97	LT	285.6	
6+32.73	RT TO	9+91.97	RT	239.5	
SUB-TOTAL:			660.0	0.0	
TOTAL:			857	1669	

PATCHING SCHEDULE	
LOCATION	CLASS D PATCHES, TYPE II, 10"
STATION	SO YD
ILLINOIS ROUTE 1	
6+14.30	14.2
SUB-TOTAL:	14.2
CHARLES STREET	
5+52.14	12.0
5+52.14	8.6
SUB-TOTAL:	20.6
TOTAL:	35

STAGING ITEMS SCHEDULE											
LOCATION				STAGE IA				POST - STAGE IC			
				COMBINATION CURB AND GUTTER REMOVAL	MEDIAN SURFACE REMOVAL	PORTLAND CEMENT CONCRETE PAVEMENT, 9"	AGGREGATE BASE COURSE, TYPE B 4"	CONCRETE CURB, TYPE B	PAVEMENT REMOVAL	CURB REMOVAL	CONCRETE MEDIAN SURFACE, 4 INCH
STATION	TO	STATION	NOTES	FOOT	SQ FT	SQ YD	SQ YD	FOOT	SQ YD	FOOT	FOOT
ILLINOIS ROUTE 1											
17+35.00	TO	21+75.00	DETOUR RD			1015.0	1064.0		1015.0		
29+46.50	TO	29+65.00	MEDIAN	38.6	71.6	10.6	10.6	10.0	10.6	10.0	38.6
29+72.09	TO	30+07.29	RAMP ISLAND	126.7	1282.0	154.4	154.4	51.0	154.4	51.0	126.7
STAGING SUB-TOTAL:				165.3	1353.6	1180.0	1229.0	61.0	1180.0	61.0	165.3
TOTAL:						1180	1229			61	

• SEE VARIOUS SCHEDULES FOR PAY ITEM TOTALS

SIDEWALK SCHEDULE						
LOCATION				PCC SIDEWALK, 4"		
				SQ FT		
STATION	TO	STATION	ROAD - 0004	CITY - 0021		
ILLINOIS ROUTE 1						
5+03.5	RT	TO 5+42.6	RT	475.6	-	
5+64.5	RT	TO 5+74.5	RT	47.0	-	
5+74.5	RT	TO 6+04.5	RT	150.0	-	
6+04.5	RT	TO 6+24.6	RT	107.0	-	
6+57.8	RT	TO 6+83.7	RT	115.7	-	
5+18.2	LT	TO 5+24.7	LT	28.3	-	
5+24.7	LT	TO 5+81.8	LT	285.5	-	
5+81.8	LT	TO 6+03.4	LT	112.8	-	
6+24.9	LT	TO 6+36.8	LT	54.2	-	
6+36.8	LT	TO 7+71.8	LT	675.0	-	
7+71.8	LT	TO 7+88.5	LT	82.6	-	
8+11.2	LT	TO 8+27.5	LT	-	81.3	
8+27.5	LT	TO 9+40.0	LT	-	562.5	
9+40.0	LT	TO 9+67.2	LT	-	193.2	
SUB-TOTAL:				2133.7	837.0	
CEMETERY ROAD						
7+41.3	LT	TO 10+23.6	LT	-	1411.3	
10+23.6	LT	TO 10+53.6	LT	-	135.0	
SUB-TOTAL:				0.0	1546.3	
TOTAL:				2133.7	2383.3	
PAY TOTAL:				4517		

PIPE CULVERT SCHEDULE											
LOCATION				PIPE CULVERT, CLASS A, TYPE 3, 48"	PIPE CULVERT, CLASS A, TYPE 4, 36"	PIPE CULVERT, CLASS A, TYPE 5, 30"	PIPE CULVERT REMOVAL	PRECAST REINFORCED CONCRETE FLARED END SECTION, 30"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 36"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 48"	TRENCH BACKFILL
STATION	TO	STATION	NOTES	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	CU YD
ILLINOIS ROUTE 1											
5+10.60	RT	TO 5+42.29	RT	-	-	-	-	-	-	-	-
6+20.00	RT	TO 9+91.21	RT	-	-	-	-	-	-	-	-
SUB-TOTAL:				0.0	0.0	0.0	0.0	0	0	0	0.0
CEMETERY ROAD											
8+50.11	LT	TO 8+50.21	LT	-	152.0	-	-	-	-	-	41.6
8+50.11	LT	TO 8+50.21	LT	-	152.0	-	-	-	-	-	41.6
8+50.21	LT			-	-	-	-	2	-	-	-
8+50.21	RT			-	-	-	-	2	-	-	-
SUB-TOTAL:				0.0	304.0	0.0	0.0	0	4	0	83.2
COUNTY ROAD 14											
5+99.75	LT	TO 6+11.52	LT	-	-	178.5	-	-	-	-	13.5
5+99.75	LT			-	-	-	-	1	-	-	-
6+08.48	LT	TO 6+26.36	LT	-	-	-	99.8	-	-	-	-
6+11.52	LT			-	-	-	-	1	-	-	-
8+03.61	LT	TO 8+39.19	LT	119.4	-	-	-	-	-	-	43.1
8+03.61	LT			-	-	-	-	-	-	1	-
8+18.91	LT	TO 8+39.80	LT	-	-	-	89.3	-	-	-	-
8+39.19	LT			-	-	-	-	-	-	1	-
SUB-TOTAL:				119.4	0.0	178.5	189.1	2	0	2	56.6
TOTAL:				119	304	179	189	2	4	2	140

• FOR ADDITIONAL TRENCH BACKFILL QUANTITY SEE STORM SEWER SCHEDULE

DETECTABLE WARNING SCHEDULE		
LOCATION		DETECTABLE WARNING
STATION		SQ FT
ILLINOIS ROUTE 1		
5+34.8	RT	10.0
5+69.5	RT	10.0
TOTAL:		20

TEMPORARY DRAINAGE SCHEDULE					
LOCATION		PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	CONCRETE COLLAR	MANHOLES, TYPE A, 5' DIAMETER, WITH MEDIAN INLET (604101)	REMOVING MANHOLES
STATION	TO	FOOT	CU YD	EACH	EACH
WATER STREET					
2+50.00	RT	40.0	-	-	-
SUB-TOTAL:		40.0	0.0	0	-
COUNTY ROAD 14					
6+08.48	LT	-	1.2	1	1
8+28.68	LT	-	1.2	-	-
SUB-TOTAL:		0.0	1.2	1	1
TOTAL:		40	1.2	1	1

CONTROLLED LOW-STRENGTH MATERIAL SCHEDULE						
LOCATION						CONTROLLED LOW-STRENGTH MATERIAL
STATION	TO	STATION	NOTES	CU YD		
ILLINOIS ROUTE 1						
5+10.60	RT	TO 5+42.29	RT	EXIST. 5 X 4 BOX CULVERT	67.5	
6+20.00	RT	TO 9+91.21	RT	EXIST. STORM SEWER	16.7	
SUB-TOTAL:				84.2		
TOTAL:				84		

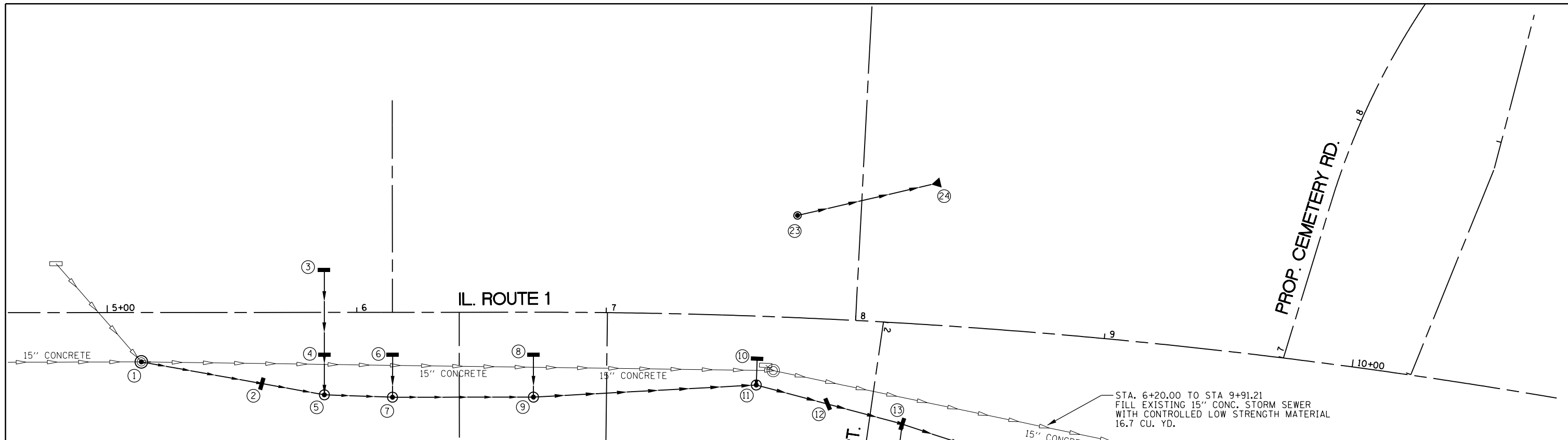
GUARDRAIL SCHEDULE						
LOCATION			STEEL PLATE GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL
STATION	TO	STATION	FOOT	EACH	EACH	FOOT
ILLINOIS ROUTE 1						
9+30.80	RT	TO 10+77.62	RT			146.0
10+56.97	LT	TO 10+77.62	LT			21.1
10+72.60	RT	TO 11+60.63	RT			88.0
10+72.60	LT	TO 11+60.63	LT			88.1
10+10.87	RT	TO 10+60.87	RT		1	
10+23.37	LT	TO 10+73.37	LT		1	
10+60.87	RT	TO 10+73.37	RT	12.5		
10+73.37	RT	TO 11+11.50	RT		1	
10+73.37	LT	TO 11+11.50	LT		1	
16+11.18	RT	TO 17+20.14	RT			109.2
16+11.18	LT	TO 18+45.48	LT			234.3
16+60.50	RT	TO 17+03.65	RT		1	
16+60.50	LT	TO 17+03.65	LT		1	
17+03.65	LT	TO 17+16.15	LT	12.5		
17+03.65	RT	TO 17+53.65	RT		1	
17+16.15	LT	TO 17+66.15	LT		1	
TOTAL:			25.0	4.0	4.0	686.7

MARKERS SCHEDULE					
LOCATION			GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED	
STATION	TO	STATION	EACH	EACH	
ILLINOIS ROUTE 1					
10+10.87	RT	TO 11+11.50	RT	2	1
10+96.50	RT	TO 16+60.50	RT		
16+60.50	RT	TO 17+66.15	RT	2	1
10+23.37	LT	TO 11+11.50	LT	2	1
10+96.50	LT	TO 16+60.50	LT		
16+60.50	LT	TO 17+53.65	LT	2	1
TOTAL:			8	4	

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE				
LOCATION		RAISED REFLECTIVE PAVEMENT MARKER		
STATION	TO	STATION	EACH	
ILLINOIS ROUTE 1				
5+10.00	TO	12+15.34	8	
12+15.34	TO	16+96.84	-	
16+96.84	TO	18+00.00	2	
SUB-TOTAL:			10	
TOTAL:			10	

R. O. W. AND SURVEY MARKER SCHEDULE				
LOCATION		FURNISHING AND ERECTING RIGHT OF WAY MARKERS	PERMANENT SURVEY MARKERS, TYPE I	
STATION		EACH	EACH	
ILLINOIS ROUTE 1				
5+10.00	POT		1	
6+71.36	PC		1	
8+11.21	POC		1	
8+74.49	97.00	LT	1	
8+74.96	PI		1	
9+11.84	195.00	LT	1	
9+15.52	81.49	RT	1	
9+26.07	83.53	RT	1	
9+72.21	POC		1	
9+75.93	258.44	LT	1	
9+75.99	323.37	LT	1	
10+40.20	320.31	LT	1	
10+50.00	140.00	RT	1	
10+66.71	319.61	LT	1	
10+77.62 (BK)	PT		1	
11+03.14	165.25	LT	1	
11+22.49	318.74	LT	1	
11+45.00	135.00	LT	1	
11+50.00	105.00	RT	1	
12+49.22	105.00	RT	1	
12+84.43	135.00	LT	1	
13+91.87	161.57	LT	1	
15+15.39	120.00	RT	1	
16+30.13	155.00	LT	1	
17+57.55	120.00	RT	1	
18+82.67	POT		1	
19+73.21	120.00	RT	1	
24+00.00	120.00	LT	1	
24+15.00	POT		1	
SUB-TOTAL:		21	8	
WATER STREET				
3+15.78			1	
3+54.07			1	
3+92.20			1	
4+90.36			1	
SUB-TOTAL:		0	4	
CEMETERY ROAD				
7+65.59			1	
8+21.91			1	
8+76.93			1	
9+51.75			1	
10+23.58			1	
SUB-TOTAL:		0	5	
COUNTY ROAD 14				
6+53.51			1	
7+00.00	100.00	LT	1	
7+04.59	PI		1	
7+36.68	78.04	RT	1	
7+55.43			1	
8+50.00	70.00	RT	1	
8+56.45	78.00	LT	1	
8+75.26	PI	LT	1.0	
9+57.38	21.66	RT	1	
9+59.62	29.43	RT	1	
9+91.97			1	
10+00.00	19.26	LT	1	
SUB-TOTAL:		7	5	
TOTAL:		28	22	

PAVEMENT MARKING SCHEDULE																
LOCATION						MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 12"	PAVEMENT MARKING REMOVAL - WATER BLASTING
						YELLOW	WHITE	YELLOW	WHITE							
STATION	TO	STATION	DESCRIPTION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT	
			STAGE	LOCATION	TYPE											
ILLINOIS ROUTE 1																
24+30.00	TO	29+60.00	PRE-IB	SB	Solid Yellow	-		-		-	-	-	-	-	-	
24+30.00	TO	29+60.00	PRE-IB	SB	White Skip Dash	-		-		-	-	-	-	-	44.2	
29+60.00	TO	30+58.00	PRE-IB	INTERSECTION	Yellow Dotted (3'-9')	-		-		-	-	-	-	-	-	
24+30.00	TO	29+60.00	PRE-IC	NB	Solid Yellow	-		-		-	-	-	-	-	-	
24+30.00	TO	29+60.00	PRE-IC	NB	White Skip Dash	-		-		-	-	-	-	-	44.2	
9+91.91(CR14)	TO	24+15.00	POST-IB	CR14 & IL 1 EOP	Solid White	-		-		-	-	-	-	-	-	
9+91.91(CR14)	TO	24+15.00	POST-IB	CR14 & IL 1 CL	Solid Yellow	-		-		-	-	-	-	-	-	
9+91.91(CR14)	TO	24+15.00	POST-IC	CR14 & IL 1 EOP	Solid White	-		-		-	-	-	-	-	-	
9+91.91(CR14)	TO	24+15.00	POST-IC	CR14 & IL 1 CL	Solid Yellow	-		-		-	-	-	-	-	-	
6+63.57	TO	8+54.06	PRE-IIA	RT EOP	Solid White	-		-		-	-	-	-	-	-	
5+00.00	TO	18+00.00	FINAL	CENTERLINE	Skip-Dash Yellow	322.5		-		322.5	-	258.0	43.0	322.5	-	107.5
5+52.08			FINAL	CHARLES ST	Stop Bar				10.0	-	-	-	-	-	-	
8+54.06	TO	18+02.66	FINAL	EOP RT	Solid White		953.6	-		953.6	-	0.0	0.0	953.6	-	317.9
9+41.59	TO	9+71.16	FINAL	EOP CEM RADIUS	Solid White		41.7	-		41.7	-	0.0	0.0	41.7	-	13.9
9+87.79	TO	10+17.35	FINAL	EOP CEM RADIUS	Solid White		52.7	-		52.7	-	0.0	0.0	52.7	-	17.6
10+17.35	TO	24+15.00	FINAL	EOP LT	Solid White		1402.7	-		1402.7	-	0.0	0.0	1402.7	-	467.6
18+00.00	TO	19+00.00	FINAL	CENTERLINE	Solid Yellow	100.0		-		100.0	-	20.0	3.3	100.0	-	33.3
18+02.66	TO	18+47.73	FINAL	EOP CR14 RADIUS	Solid White		65.2	-		65.2	-	0.0	0.0	65.2	-	21.7
18+84.92	TO	20+00.91	FINAL	EOP CR14 RADIUS	Solid White		137.2	-		137.2	-	0.0	0.0	137.2	-	45.7
19+00.00	TO	21+79.06	FINAL	CL-LT	Solid Yellow	279.1		-		279.1	-	0.0	0.0	279.1	-	93.0
19+00.00	TO	22+08.18	FINAL	CL-RT	Solid Yellow	308.2		-		308.2	-	61.6	10.3	308.2	-	102.7
19+00.00	TO	22+08.18	FINAL	MEDIAN	Yellow Diagonals	-		91.2		-	91.2	-	-	-	91.2	91.2
20+00.91	TO	24+15.00	FINAL	EOP RT	Solid White		414.1	-		414.1	-	0.0	0.0	414.1	-	138.0
22+04.22	TO	29+60.00	FINAL	RT	Skip-Dash White		188.9	-		188.9	-	20.7	3.5	188.9	-	63.0
25+60.64	TO	29+60.00	FINAL	LT	Skip-Dash White		99.8	-		99.8	-	20.7	3.5	99.8	-	33.3
SUB-TOTAL:						1009.7	3355.9	91.2	10.0	4365.7	91.2	381.0	63.5	4365.7	91.2	1634.8
WATER STREET																
2+36.94	TO	3+36.97	FINAL	Centerline	Double Solid Yellow	200.0		-		200.0	-	20.0	3.3	200.0	-	66.7
2+36.94	TO	2+36.94	FINAL	LT	Stop Bar	-			13.4	-	-	-	-	-	-	
3+36.97	TO	4+33.00	FINAL	Centerline	Skip-Dash Yellow	24.0		-		24.0	-	19.2	3.2	24.0	-	8.0
SUB-TOTAL:						224.0	0.0	0.0	13.4	224.0	0.0	39.2	6.5	224.0	0.0	74.7
CEMETERY ROAD																
7+27.44	TO	8+27.73	FINAL	CENTERLINE	Double Solid Yellow	200.0		-		200.0	-	20.1	3.4	200.0	-	66.7
7+27.44	TO	7+27.44	FINAL	LT	Stop Bar	-			9.0	-	-	-	-	-	-	
7+36.37	TO	10+23.58	FINAL	EOP LT	Solid White		287.2	-		287.2	-	0.0	0.0	287.2	-	95.7
7+48.92	TO	10+23.58	FINAL	EOP RT	Solid White		274.7	-		274.7	-	0.0	0.0	274.7	-	91.6
8+27.73	TO	10+53.63	FINAL	CENTERLINE	Skip-Dash Yellow	56.5		-		56.5	-	45.2	7.5	56.5	-	18.8
SUB-TOTAL:						256.5	561.9	0.0	9.0	818.4	0.0	65.3	10.9	818.4	0.0	272.8
COUNTY ROAD 14																
5+29.04	TO	6+29.04	FINAL	CENTERLINE	Double Solid Yellow	200.0		-		200.0	-	20.0	3.3	200.0	-	66.7
5+29.04	TO	5+29.04	FINAL	LT	Stop Bar	-			28.6	-	-	-	-	-	-	
5+56.00	TO	9+91.97	FINAL	EOP LT	Solid White		435.9	-		435.9	-	0.0	0.0	435.9	-	145.3
5+63.08	TO	9+91.97	FINAL	EOP RT	Solid White		428.4	-		428.4	-	0.0	0.0	428.4	-	142.8
6+29.04	TO	9+91.97	FINAL	CENTERLINE	Skip-Dash Yellow	90.7		-		90.7	-	72.6	12.1	90.7	-	30.2
SUB-TOTAL:						290.7	864.3	0.0	28.6	1155.0	0.0	92.6	15.4	1155.0	0.0	385.0
TOTAL:						1781	4782	91	61	6563	91	578	96.35	6563	91	2367
6563																



NOTES: AT ① CONNECT EXISTING STORM SEWER TO PROPOSED MANHOLE. COST INCLUDED IN COST OF STORM SEWER.

STA. 6+20.00 TO STA 9+91.21
FILL EXISTING 15" CONC. STORM SEWER
WITH CONTROLLED LOW STRENGTH MATERIAL
16.7 CU. YD.

REMOVE EXISTING END SECTION
AND BULKHEAD AT DOWNSTREAM END.
COST INCLUDED IN COST OF
CONTROLLED LOW STRENGTH MATERIAL.

DRAINAGE STRUCTURE SCHEDULE									
PT	LOCATION			DESCRIPTION	EOP/TOS	INLET	INVERT	SYMBOL	
	STA	OFFSET							
1	IL 1	5+13.64	19.76	RT	MAN TA 5' DIA. T1F CL (F.S.T.)	442.01	-	438.48	⊙
2	IL 1	5+61.89	28.48	RT	INLETS TB T24 F&G	440.61	-	436.25	▬
3	IL 1	5+86.99	17.00	LT	INLETS TB T24 F&G	439.47	-	435.39	▬
4	IL 1	5+86.99	17.00	RT	INLETS TB T24 F&G	439.47	-	435.22	▬
5	IL 1	5+86.99	30.14	RT	MAN TA 4' DIA. T1F CL (F.S.T.)	439.43	-	435.17	⊙
6	IL 1	6+14.30	17.00	RT	INLETS TB T24 F&G	438.59	-	434.64	▬
7	IL 1	6+14.30	34.48	RT	MAN TA 4' DIA. T8 GRATE (F.S.T.)	437.38	-	434.56	⊙
8	IL 1	6+70.80	17.00	RT	INLETS TB T24 F&G	437.08	-	433.64	▬
9	IL 1	6+70.80	34.00	RT	MAN TA 4' DIA. T8 GRATE (F.S.T.)	435.95	-	433.31	⊙
10	IL 1	7+61.15	17.00	RT	INLETS TB T24 F&G	435.63	-	432.50	▬
11	IL 1	7+61.15	27.58	RT	MAN TA 4' DIA. T1F CL (F.S.T.)	435.83	-	432.29	⊙
12	IL 1	7+90.49	34.06	RT	INLETS TB T24 F&G	434.59	-	429.87	▬
13	IL 1	8+21.21	40.37	RT	MAN TA 4' DIA. T24 F&G (F.S.T.)	434.40	429.12 S	424.61	▬
14	IL 1	9+50.00	69.95	RT	PRC FL-END SEC 24"	-	-	423.80	◀
15	WTR	3+00.00	18.41	RT	INLETS TB W/MEDIAN INLET (604101)	429.15	-	426.50	⊙
16	WTR	3+25.00	15.75	RT	MAN TA 4' DIA. W/MEDIAN INLET (604101) (F.S.T.)	428.95	-	425.71	⊙
17	WTR	3+25.00	8.00	RT	INLETS TB T24 F&G	429.57	425.62 S	425.55	▬
18	WTR	3+25.00	8.00	LT	INLETS TB T24 F&G	429.57	-	425.48	▬
19	WTR	3+25.00	14.00	LT	MAN TA 4' DIA. T1F CL	429.60	-	425.18	⊙
20	WTR	3+56.50	8.00	RT	MAN TA 4' DIA. T24 F&G	429.08	-	425.39	▬
21	WTR	3+56.50	8.00	LT	MAN TA 4' DIA. T24 F&G	429.08	-	425.32	▬
22	WTR	3+66.50	8.00	RT	INLETS TB T24 F&G	429.14	-	425.45	▬
23	IL 1	7+75.00	40.94	LT	INLETS TB W/MEDIAN INLET (604101)	433.81	-	431.49	⊙
24	IL 1	8+30.43	57.19	LT	PRC FL-END SEC 15"	-	-	429.38	◀

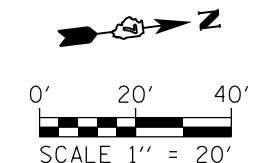
THE STATION/OFFSET FOR TYPE 24 GRATES IS GIVEN FOR THE CENTER OF THE GRATE (NOT THE CENTER OF THE STRUCTURE).
THE STATION/OFFSET FOR TYPE 1, TYPE 8, AND MEDIAN INLET GRATES IS THE CENTER OF THE STRUCTURE (NOT THE CENTER OF THE GRATE/LID).
THE ELEVATION FOR TYPE 1 FRAMES AND LIDS IS THE TOP OF THE CASTING.
THE ELEVATION FOR THE TYPE 24 GRATES IS THE EDGE OF PAVEMENT ELEVATION.
THE ELEVATION FOR TYPE 8 GRATES AND MEDIAN INLET GRATES IS THE HORIZONTAL RIM OF THE CASTING.
F.S.T. = FLAT SLAB TOP - SEE STD. 602601 FOR ADDITIONAL DETAILS

STORM SEWER SCHEDULE				
PT. TO PT.	STORM SEWER, CLASS A, TYPE 2, 15"	STORM SEWER, CLASS A, TYPE 2, 18"	STORM SEWER, CLASS A, TYPE 2, 24"	* TRENCH BACKFILL
	FOOT	FOOT	FOOT	CU YD
1-2	45.5	-	-	18.8
2-5	22.0	-	-	9.1
3-4	31.0	-	-	11.6
4-5	9.7	-	-	3.6
5-7	23.6	-	-	-
6-7	13.5	-	-	2.7
7-9	52.5	-	-	7.1
8-9	13.5	-	-	2.2
9-11	85.5	-	-	13.8
10-11	7.1	-	-	2.0
11-12	-	26.2	-	6.5
12-13	-	27.5	-	19.8
13-14	-	-	121.3	9.9
15-16	21.9	-	-	-
16-17	4.3	-	-	0.8
17-18	-	13.0	-	4.7
18-19	-	2.5	-	0.9
19-13	-	81.3	-	55.6
20-21	12.0	-	-	3.9
22-20	6.7	-	-	2.0
21-19	27.5	-	-	9.7
23-24	53.6	-	-	2.8
TOTAL:	430	151	121	188

* FOR ADDITIONAL TRENCH BACKFILL SEE CULVERT SCHEDULE

STORM SEWER REMOVAL		
LOCATION STATION TO STATION	LENGTH (FOOT)	
	10"	15"
IL 1 - 5+13.64 TO 6+20.00	-	106.5
WTR - 3+15.74 TO 2+76.84	39.5	-
2+76.84 (WTR) TO 10+01.27 (IL 1)	191.0	-
TOTAL:	231	107

REMOVAL OF ADJACENT MANHOLES AND INLETS INCLUDED IN THE COST OF STORM SEWER REMOVAL.



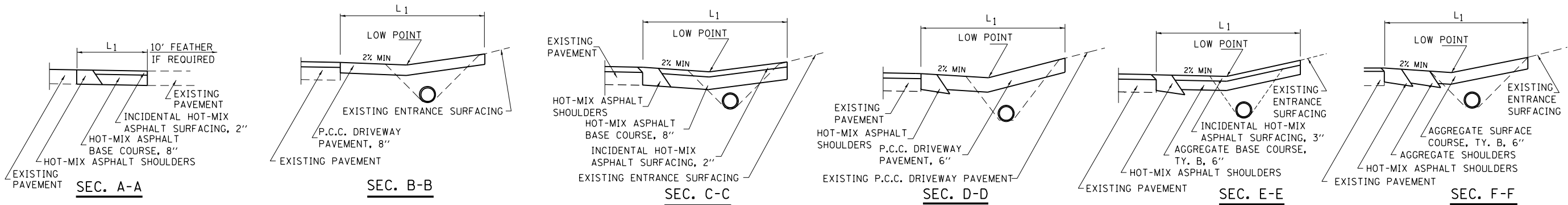
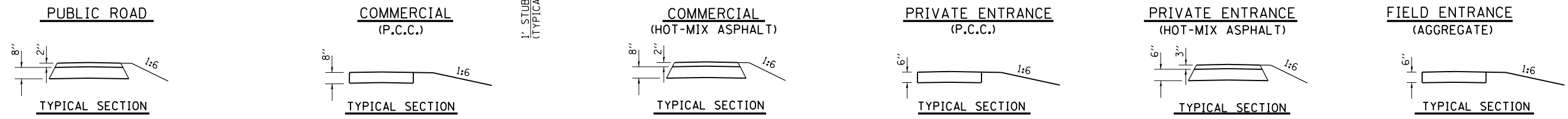
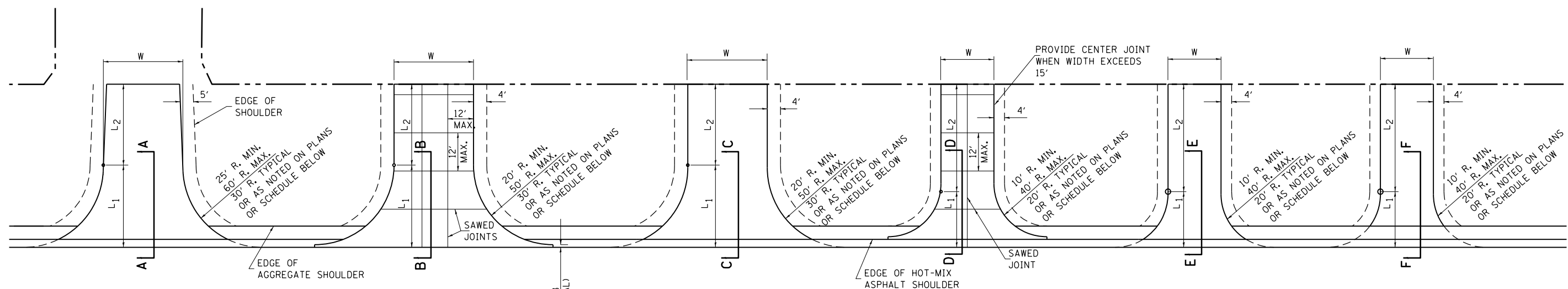
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Default	PLOT DATE = 8/5/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE: N/A SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	21
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



ENTRANCE SCHEDULE

TYPE	SIDE/ STATION	WIDTH	LENGTH		RADII	AGGREGATE				P.C.C. DRIVEWAY PAVEMENT		PCC PAVEMENT 8"
			L ₁	L ₂		BASE COURSE, T. B. 6"		HOT-MIX ASPHALT SURFACE COURSE, TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACING	6"	8"	
						TON	SO. YD.					
F.E.	CR. 14 9+19.70 LT	20'	20.7'	-	20'	-	-	13.4	-	-	-	-
F.E.	9+28.27 RT	20'	21.9'	-	20'	-	-	13.1	-	-	-	-
TOTAL:								27				

ENTRANCE SCHEDULE

TYPE	SIDE/ STATION	WIDTH	LENGTH		RADII	AGGREGATE				P.C.C. DRIVEWAY PAVEMENT		PCC PAVEMENT 8"
			L ₁	L ₂		BASE COURSE, T. B. 6"		HOT-MIX ASPHALT SURFACE COURSE, TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACING	6"	8"	
						TON	SO. YD.					

NOTES

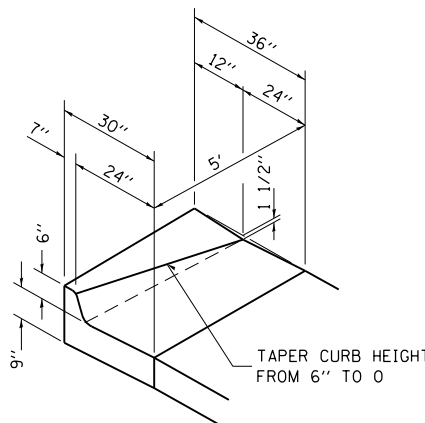
L₁ = DISTANCE FROM EDGE OF PAVEMENT TO RADIUS POINT OR MAXIMUM DISTANCE OF 30'.
 L₂ = DISTANCE FROM RADIUS POINT OR MAXIMUM DISTANCE OF 30' FROM EDGE OF PAVEMENT TO R.O.W. LINE
 MATERIAL USED TO CONSTRUCT L₂ LENGTH SHALL BE THE SAME TYPE OF MATERIAL AS THE EXISTING ENTRANCE

THE THICKNESS OF THE HOT-MIX ASPHALT SHOULDERS THROUGH COMMERCIAL ENTRANCES (HOT-MIX ASPHALT) AND PUBLIC ROADS SHALL BE 10". THE COST OF THE EXTRA THICKNESS SHALL BE INCLUDED WITH THE HOT-MIX ASPHALT SHOULDERS PAY ITEM.

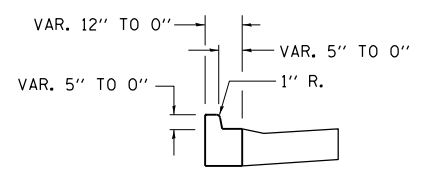
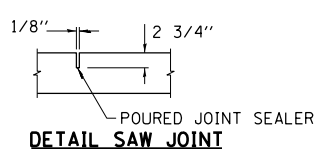
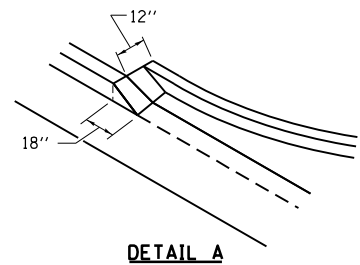
THE COST OF THE BITUMINOUS MATERIALS (PRIME COAT) AND BITUMINOUS MATERIALS (TACK COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

HOT-MIX ASPHALT SHOULDERS SHALL NOT BE CONSTRUCTED THROUGH PCC ENTRANCE OR PUBLIC ROAD APPROACH.

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
 PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
 CE=COMMERCIAL ENTRANCE



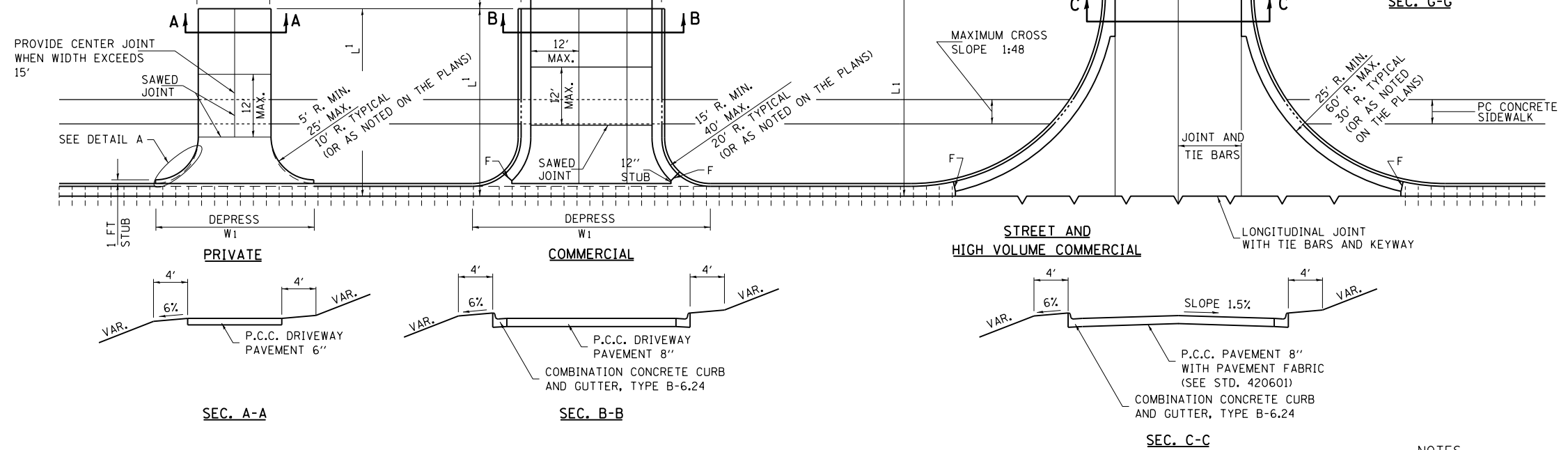
SPECIAL OUTLET FOR COMBINATION CURB AND GUTTER B-6.24



TYPICAL ENTRANCE SCHEDULE

THE RAISED OUTER EDGES OF PRIVATE ENTRANCES SHALL BE MEASURED AND PAID AS P.C.C. DRIVEWAY PAVEMENT 6"

NOTE: MAINTAIN SIDEWALK CROSS SLOPE THROUGH ALL PRIVATE AND COMMERCIAL ENTRANCES.



SEC. A-A

SEC. B-B

SEC. C-C

ENTRANCE SCHEDULE

STATION	TYPE	L1	L2	W1	W2	AGGREGATE	AGGREGATE	HOT-MIX ASPHALT	HOT-MIX ASPHALT	PAVEMENT	PCC DRIVEWAY	PCC DRIVEWAY	TEMP. ACCESS	TEMP. ACCESS	TEMP. ACCESS
						BASE COURSE	SURFACE COURSE	SURFACE COURSE	BINDER COURSE,						
						TON	TON	TON	SO. YD.	SO. YD.	SO. YD.	SO. YD.			
[ILL.]															
5+52.08 RT	STR.	23.8'	-	-	16.6'	-	-	6.6	3.0	-	-	-	-	-	-
6+14.30 LT	P.E.	19.0'	-	45.7'	15.8'	-	-	-	-	-	42.8	-	-	-	-
6+41.07 RT	C.E.	24.0'	-	58.0'	24.0'	-	-	-	-	-	-	81.5	-	-	-
7+00.46 RT	C.E.	34.0'	-	58.4'	24.0'	-	-	-	-	-	-	108.2	-	-	-
8+00.00 LT	P.E.	41.9'	-	48.0'	18.0'	-	-	-	-	-	92.0	-	-	-	-
WATER ST.															
3+49.31 LT	P.E.	19.2'	-	49.7'	18.0'	-	-	-	-	-	48.4	-	-	-	-
3+68.22 RT	P.E.	7.6'	-	24.0'	14.2'	-	-	-	-	-	10.0	-	-	-	-
TOTAL:								SEE PAVING SCHEDULE			193	190			

NOTES

THE COST OF THE BITUMINOUS MATERIALS (PRIME COAT) AND BITUMINOUS MATERIALS (TACK COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN APPLICABLE HOT-MIX ASPHALT PAY ITEMS.

OMIT TIE BARS WITHIN 15' OF MAINLINE PAVEMENT CONTRACTION JOINT OCCURRING WITHIN LIMITS OF ENTRANCES AND RADIUS RETURNS.

CONTRACTION JOINTS IN MAINLINE PAVEMENT SHALL EXTEND THRU ENTRANCES AND RADIUS RETURNS. SAWED JOINTS SHALL BE ADJUSTED ACCORDINGLY.

F = 1" PREFORMED EXPANSION JOINT FILLER.

WHEN PAVEMENT IS CONSTRUCTED MONOLITHICALLY, THE JOINTS SHALL BE SAWED JOINTS WITH TIE BARS. WHEN CONSTRUCTED OTHERWISE, THE JOINTS SHALL BE LONGITUDINAL JOINTS WITH TIE BARS AND KEYWAY.

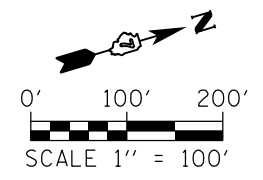
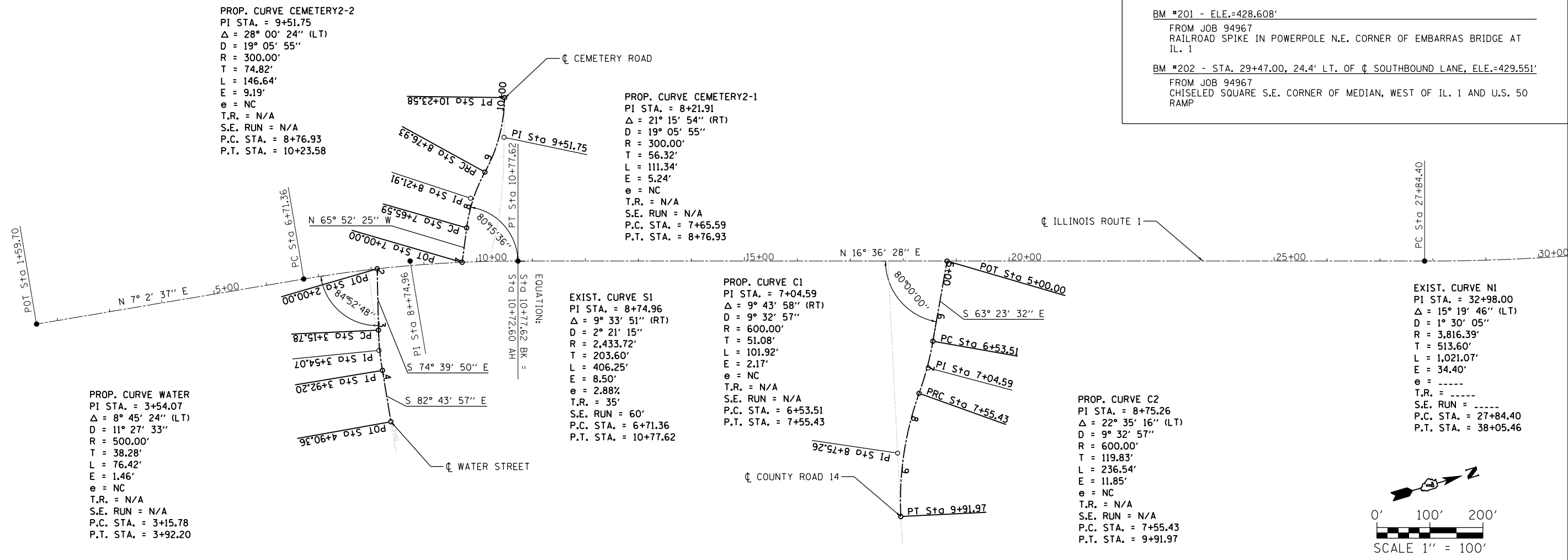
DEPRESSED CURB & GUTTER THROUGH COMMERCIAL ENTRANCES SHALL BE PAID FOR AS DRIVEWAY PAVEMENT.

DEPRESSED CURB AND GUTTER THROUGH PRIVATE ENTRANCES SHALL BE PAID FOR AS CURB AND GUTTER.

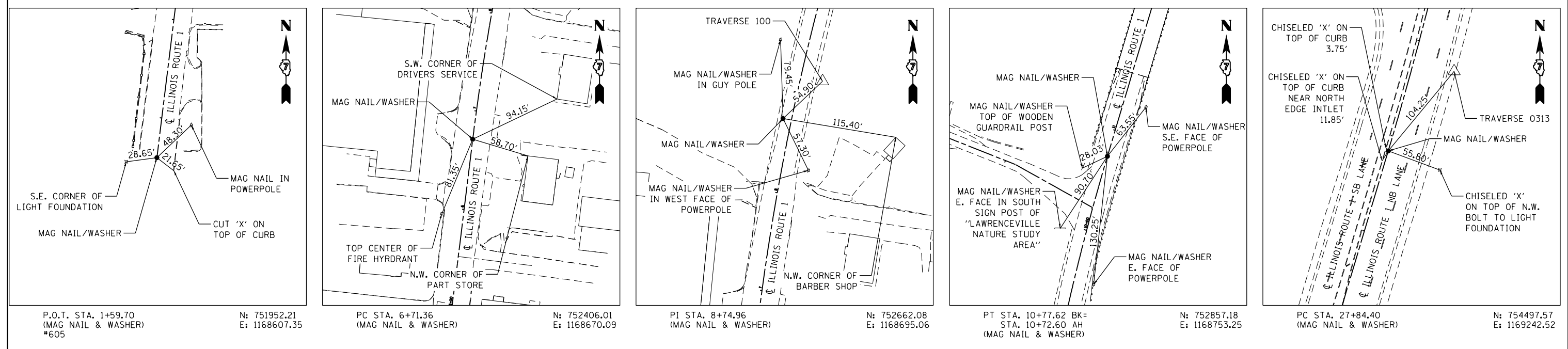
BM #211 - STA. 10+14.00, 27' LT., ELE.=451.611'
 FROM JOB 94967
 CHISELED SQUARE S.E. CORNER OF LIGHT FOUNDATION AT N.E. CORNER OF GAS STATION PARKING LOT

BM #201 - ELE.=428.608'
 FROM JOB 94967
 RAILROAD SPIKE IN POWERPOLE N.E. CORNER OF EMBARRAS BRIDGE AT IL. 1

BM #202 - STA. 29+47.00, 24.4' LT. OF ϕ SOUTHBOUND LANE, ELE.=429.551'
 FROM JOB 94967
 CHISELED SQUARE S.E. CORNER OF MEDIAN, WEST OF IL. 1 AND U.S. 50 RAMP



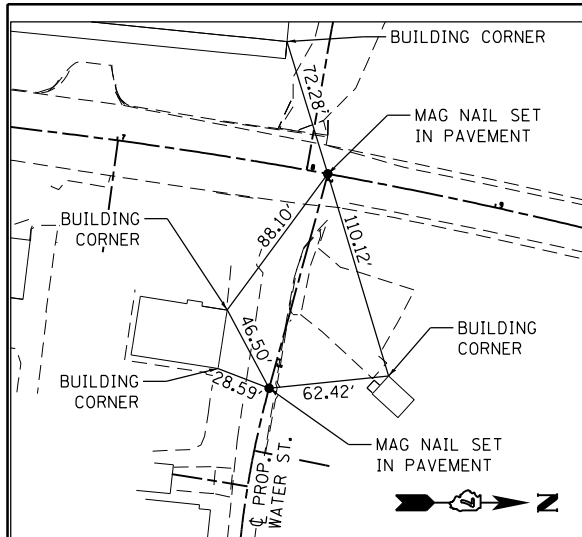
NOTE: ALIGNMENT TIES ON THIS SHEET WERE PROVIDED BY IDOT.



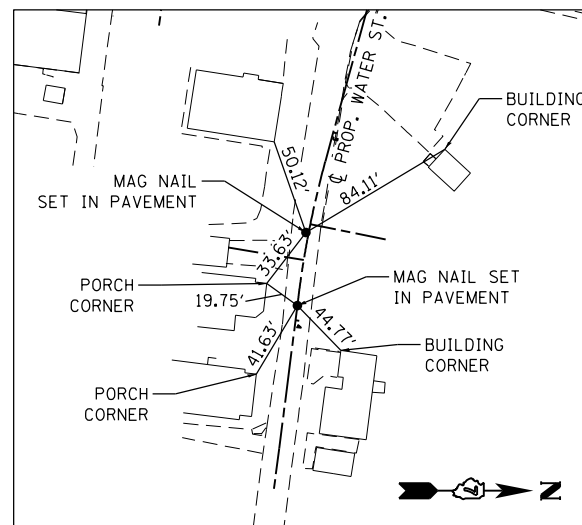
FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS	F.A.P. R.T.E. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74180\DRAWING\CA\Sheets\0774180-sh-t-001.dwg	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -			332	(16BR)B-1	Lawrence	167	24	
Default	PLOT DATE = 8/5/2016	DATE -	REVISED -			SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 74180			
						ILLINOIS FED. AID PROJECT					

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 ALIGNMENT CHECKED _____
 AS BUILT CHECKED _____
 CADD FILE NAME _____

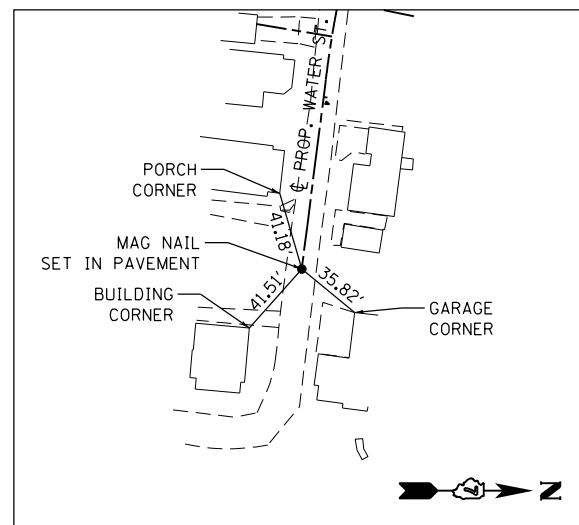
DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 ALIGNMENT CHECKED _____
 AS BUILT CHECKED _____
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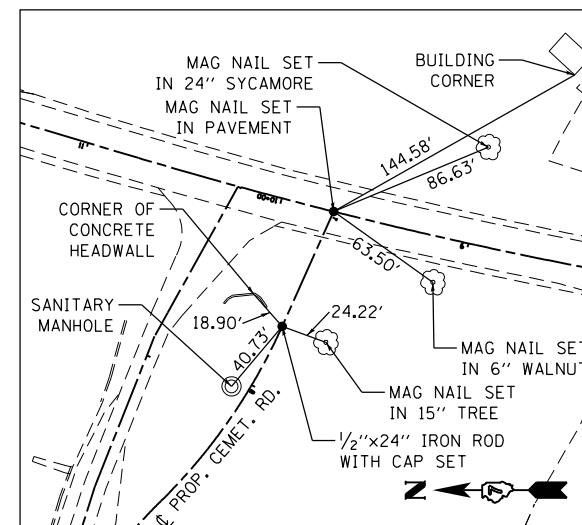
P.O.T. STA. 2+00.00 (WATER ST.) N: 752598.24
 E: 1168691.22
 PC STA. 3+15.78 (WATER ST.) N: 752567.62
 E: 1168802.88



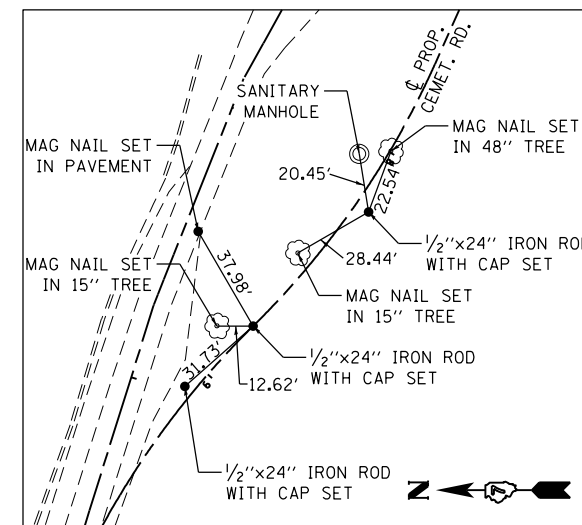
PI STA. 3+54.07 (WATER ST.) N: 752557.49
 E: 1168839.80
 PT STA. 3+92.20 (WATER ST.) N: 752553.10
 E: 1168877.83



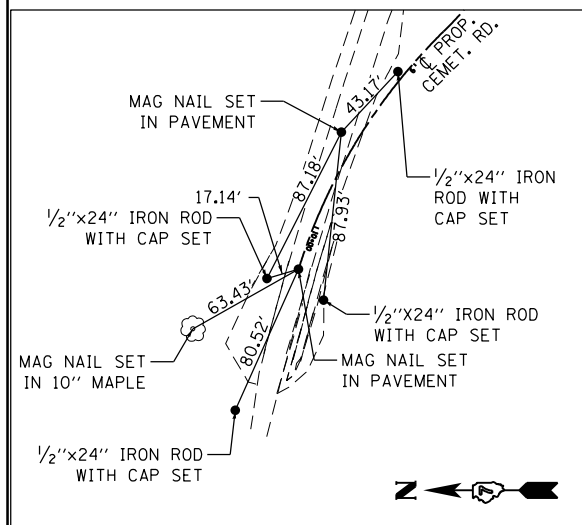
P.O.T. STA. 4+90.36 (WATER ST.) N: 752540.69
 E: 1168975.20



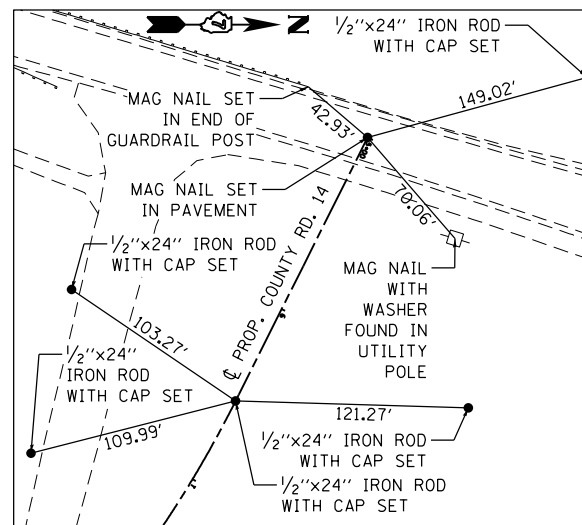
P.O.T. STA. 7+00.00 (CEMETERY RD.) N: 752755.56
 E: 1168725.32
 PC STA. 7+65.59 (CEMETERY RD.) N: 752782.37
 E: 1168665.46



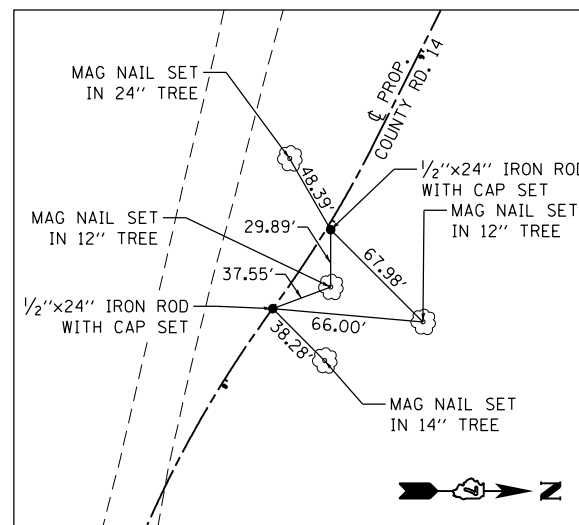
PI STA. 8+21.91 (CEMETERY RD.) N: 752805.39
 E: 1168614.06
 PRC STA. 8+76.93 (CEMETERY RD.) N: 752845.48
 E: 1168574.51



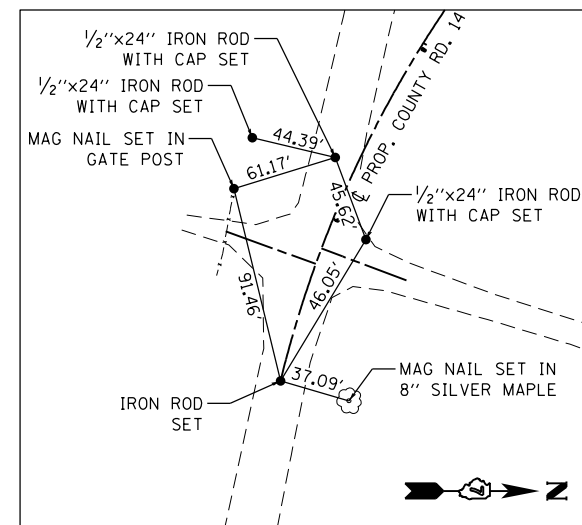
PI STA. 9+51.75 (CEMETERY RD.) N: 752898.75
 E: 1168521.97
 PT STA. 10+23.58 (CEMETERY RD.) N: 752921.10
 E: 1168450.57



P.O.T. STA. 5+00.00 (CR-14) N: 753633.46
 E: 1168984.79
 PC STA. 6+53.51 (CR-14) N: 753564.70
 E: 1169122.04



PI STA. 7+04.59 (CR-14) N: 753541.82
 E: 1169167.71
 PRC STA. 7+55.43 (CR-14) N: 753511.55
 E: 1169208.86



PI STA. 8+75.26 (CR-14) N: 753440.55
 E: 1169305.38
 PT STA. 9+91.97 (CR-14) N: 753412.06
 E: 1169421.77

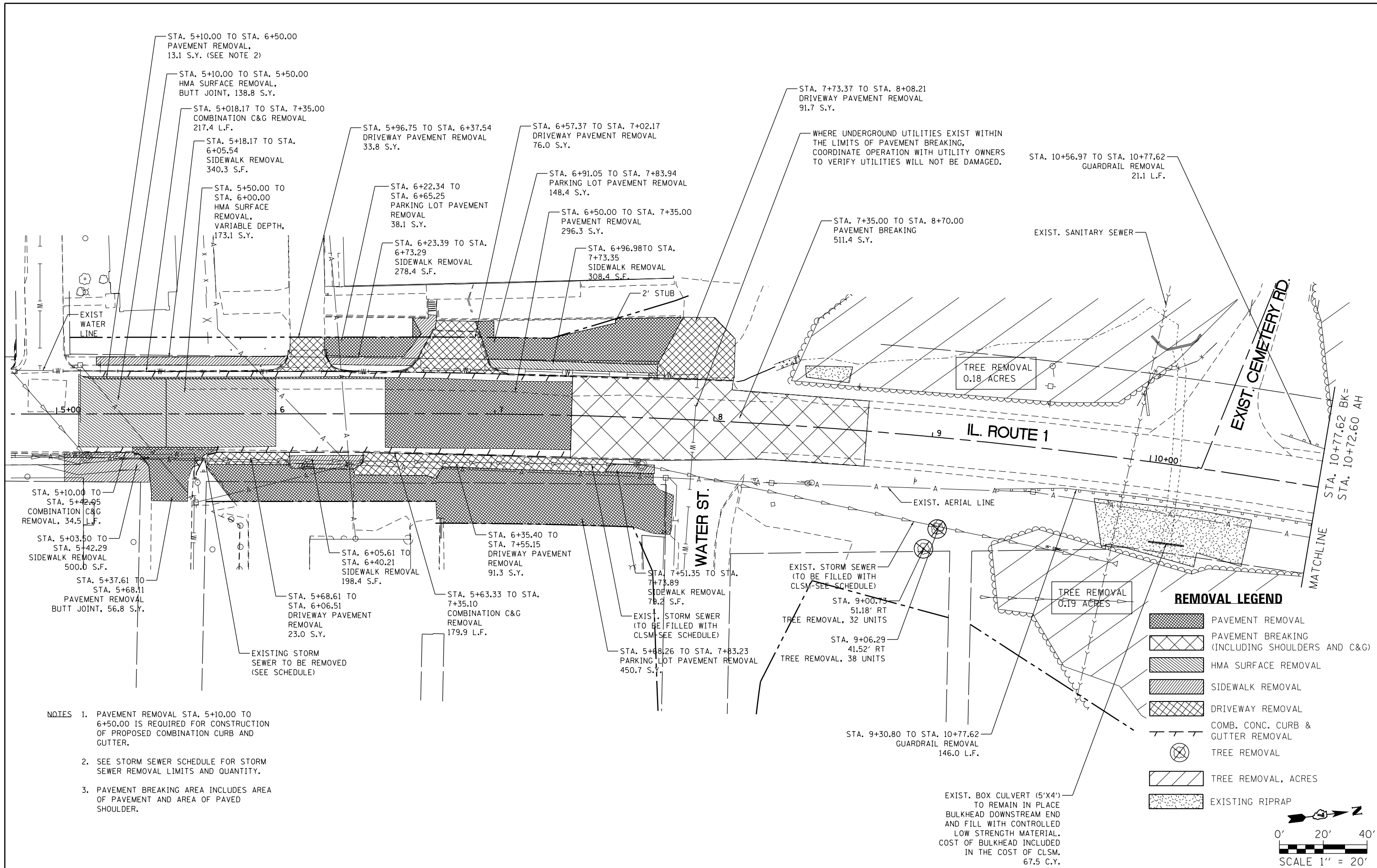
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Default	PLOT DATE = 8/5/2016	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	25
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



- NOTES
1. PAVEMENT REMOVAL STA. 5+10.00 TO 6+50.00 IS REQUIRED FOR CONSTRUCTION OF PROPOSED COMBINATION CURB AND GUTTER.
 2. SEE STORM SEWER SCHEDULE FOR STORM SEWER REMOVAL LIMITS AND QUANTITY.
 3. PAVEMENT BREAKING AREA INCLUDES AREA OF PAVEMENT AND AREA OF PAVED SHOULDER.

REMOVAL LEGEND

- PAVEMENT REMOVAL
- PAVEMENT BREAKING (INCLUDING SHOULDERS AND C&G)
- HMA SURFACE REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL
- TREE REMOVAL, ACRES
- EXISTING RIPRAP

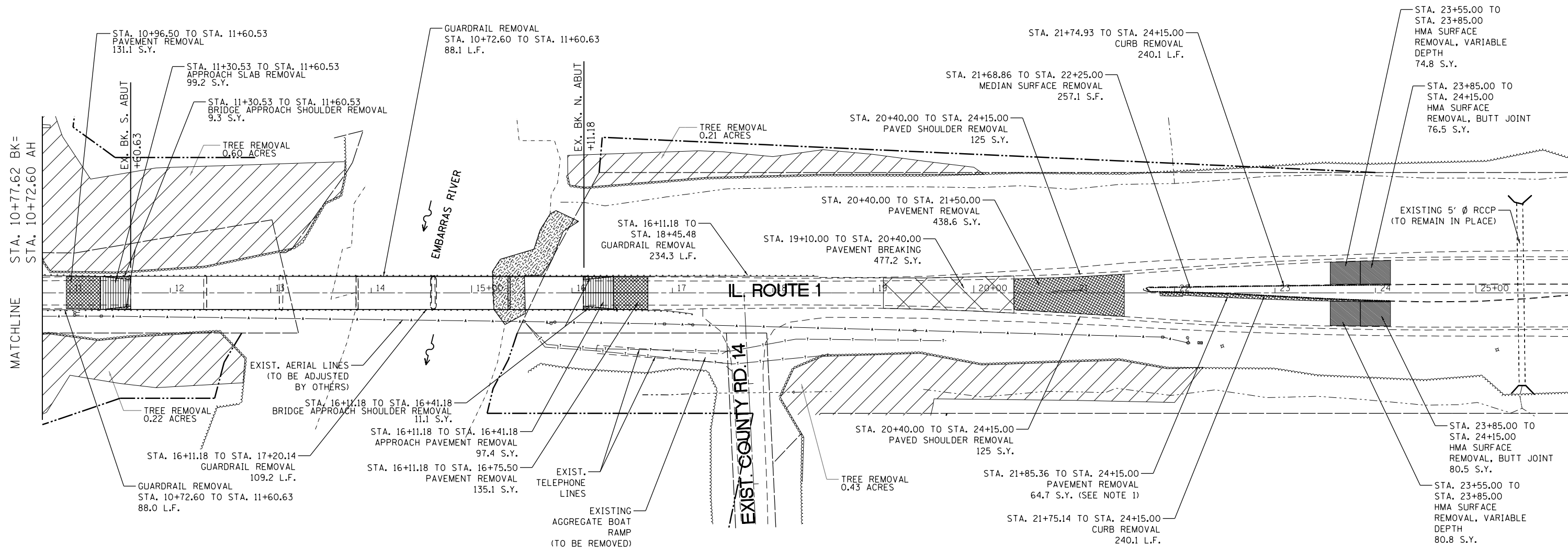
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Default	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING UTILITY AND REMOVAL PLAN
ILLINOIS ROUTE 1**






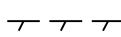

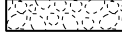
SCALE: 1" = 20' SHEET 1 OF 5 SHEETS STA. 5+10 TO STA. 10+72.60

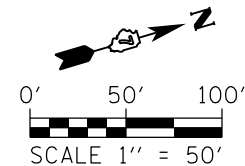
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR1B-1)	Lawrence	167	26
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



- NOTES
1. PAVEMENT REMOVAL STA. 21+85.71 TO STA. 24+15.15 REQUIRED FOR CONSTRUCTION OF PROPOSED COMBINATION CURB AND GUTTER.
 2. PAVEMENT BREAKING AREA INCLUDES AREA OF PAVEMENT AND AREA OF PAVED SHOULDER.

REMOVAL LEGEND

-  APPROACH SLAB REMOVAL
-  PAVEMENT REMOVAL
-  PAVEMENT BREAKING (INCLUDING SHOULDERS)
-  HMA SURFACE REMOVAL
-  MEDIAN REMOVAL
-  CURB REMOVAL
-  TREE REMOVAL, ACRES
-  EXISTING RIPRAP



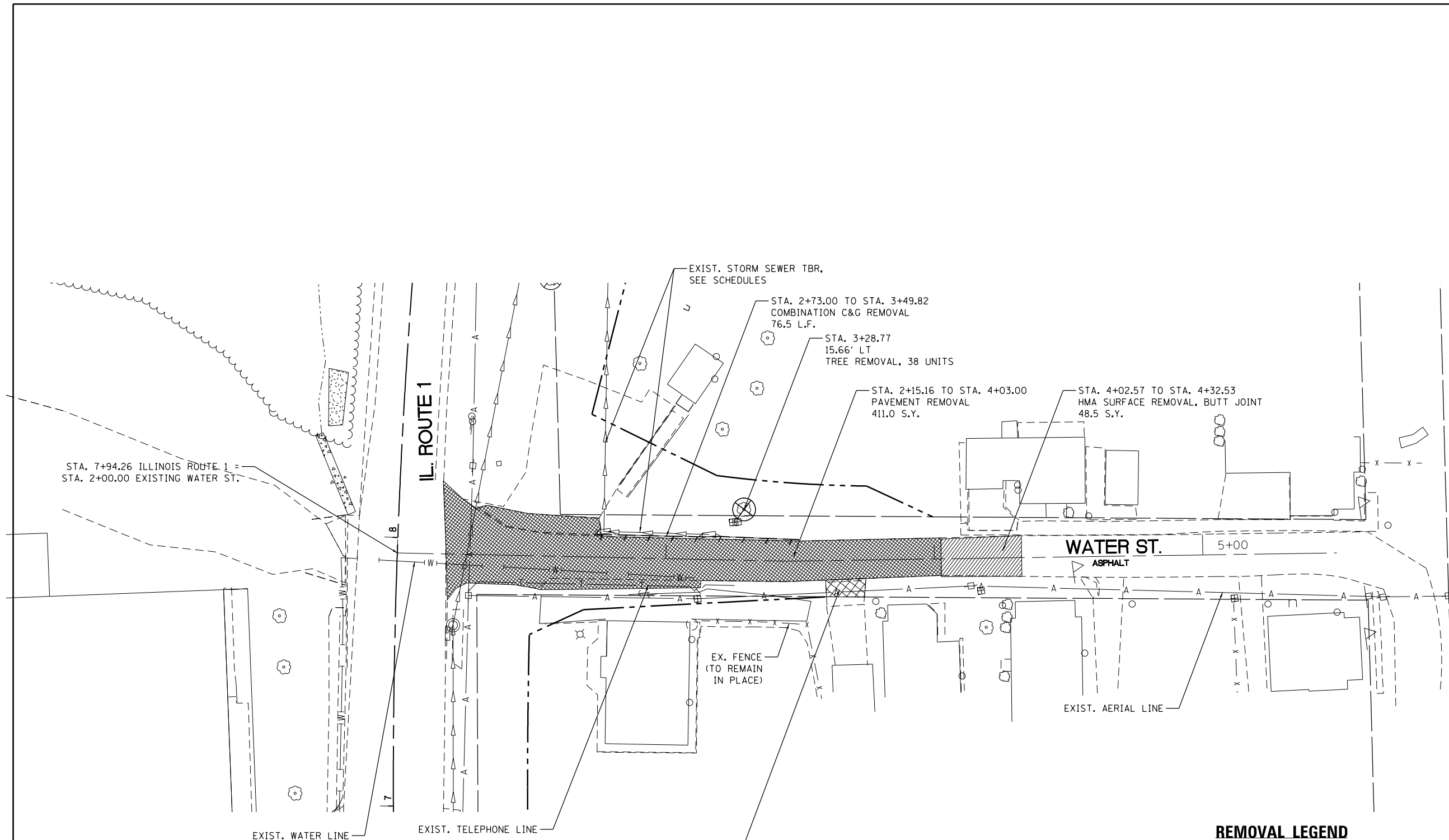
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Default	PLOT DATE = 10/19/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING UTILITY AND REMOVAL PLAN
ILLINOIS ROUTE 1**

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 10+72.60 TO STA. 24+15.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16B)B-1	Lawrence	167	27
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



STA. 7+94.26 ILLINOIS ROUTE 1 =
STA. 2+00.00 EXISTING WATER ST.

IL. ROUTE 1

EXIST. STORM SEWER TBR,
SEE SCHEDULES

STA. 2+73.00 TO STA. 3+49.82
COMBINATION C&G REMOVAL
76.5 L.F.

STA. 3+28.77
15.66' LT
TREE REMOVAL, 38 UNITS

STA. 2+15.16 TO STA. 4+03.00
PAVEMENT REMOVAL
411.0 S.Y.

STA. 4+02.57 TO STA. 4+32.53
HMA SURFACE REMOVAL, BUTT JOINT
48.5 S.Y.

WATER ST. 5+00
ASPHALT

EX. FENCE
(TO REMAIN
IN PLACE)




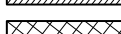
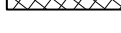
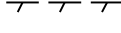

EXIST. AERIAL LINE

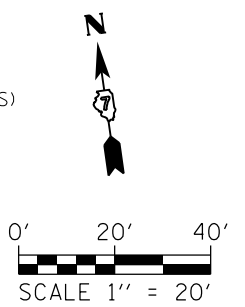
EXIST. WATER LINE

EXIST. TELEPHONE LINE

STA. 3+59.38 TO STA. 3+74.44
DRIVEWAY PAVEMENT REMOVAL
10.6 S.Y.

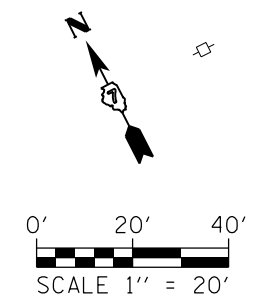
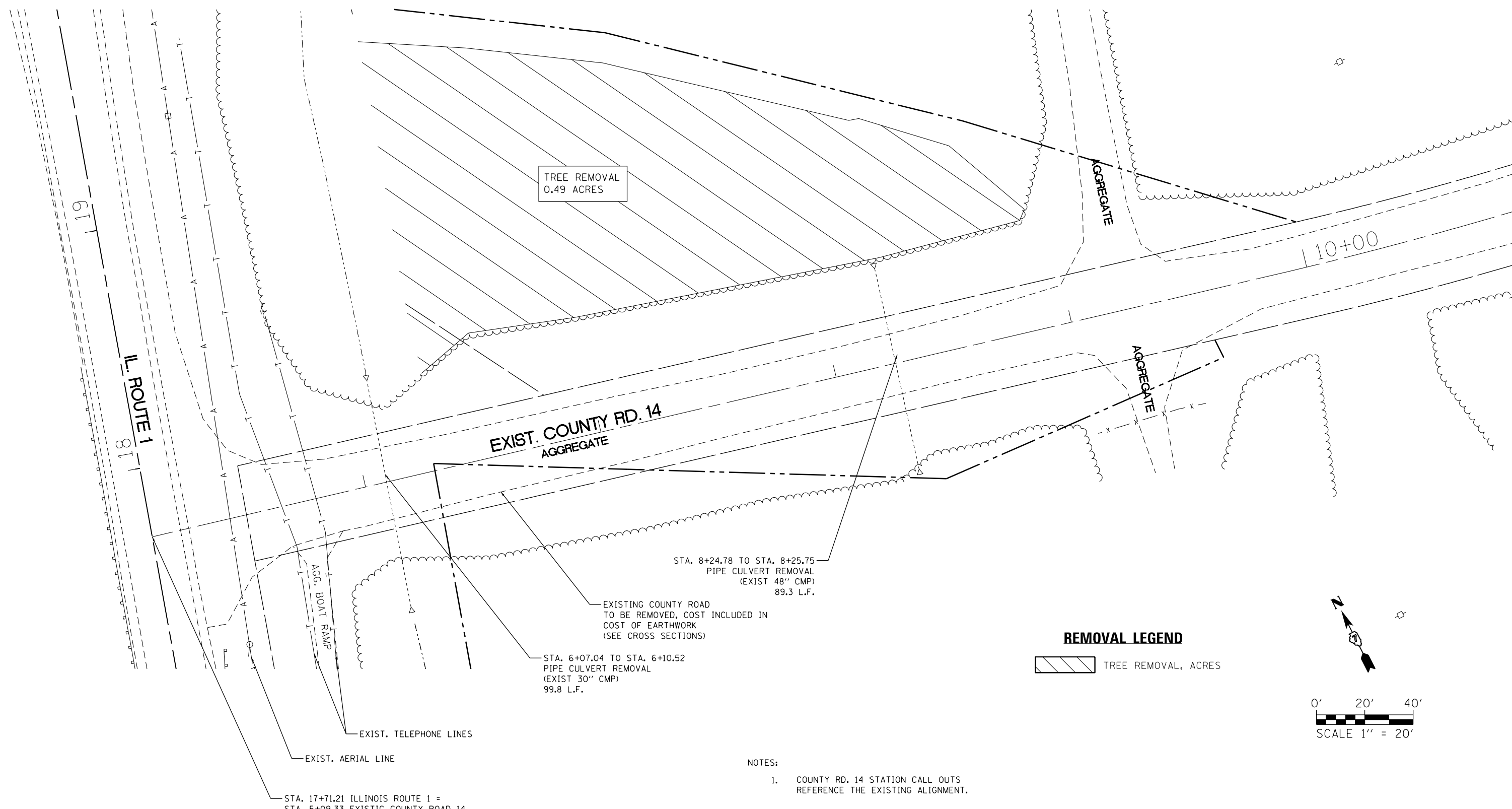
REMOVAL LEGEND

-  PAVEMENT REMOVAL
-  PAVEMENT BREAKING (INCLUDING SHOULDERS)
-  HMA SURFACE REMOVAL, BUTT JOINT
-  DRIVEWAY REMOVAL
-  COMB. CONC. CURB & GUTTER REMOVAL
-  EXISTING RIPRAP
-  TREE REMOVAL



NOTES 1. WATER ST. STATION CALL OUTS REFERENCE THE EXISTING ALIGNMENT.

FILE NAME =	USER NAME = steffemk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING UTILITY AND REMOVAL PLAN WATER STREET	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74180\Drawings\CADsheets\0774180-sht-rem-003.dwg	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -			332	(16BR)B-1	Lawrence	167	28	
Default	PLOT DATE = 8/5/2016	DATE -	REVISED -			CONTRACT NO. 74180		ILLINOIS FED. AID PROJECT			
						SCALE: 1" = 20'	SHEET 3 OF 5 SHEETS	STA. 2+00	TO STA. 4+33		



- NOTES:
- COUNTY RD. 14 STATION CALL OUTS REFERENCE THE EXISTING ALIGNMENT.

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

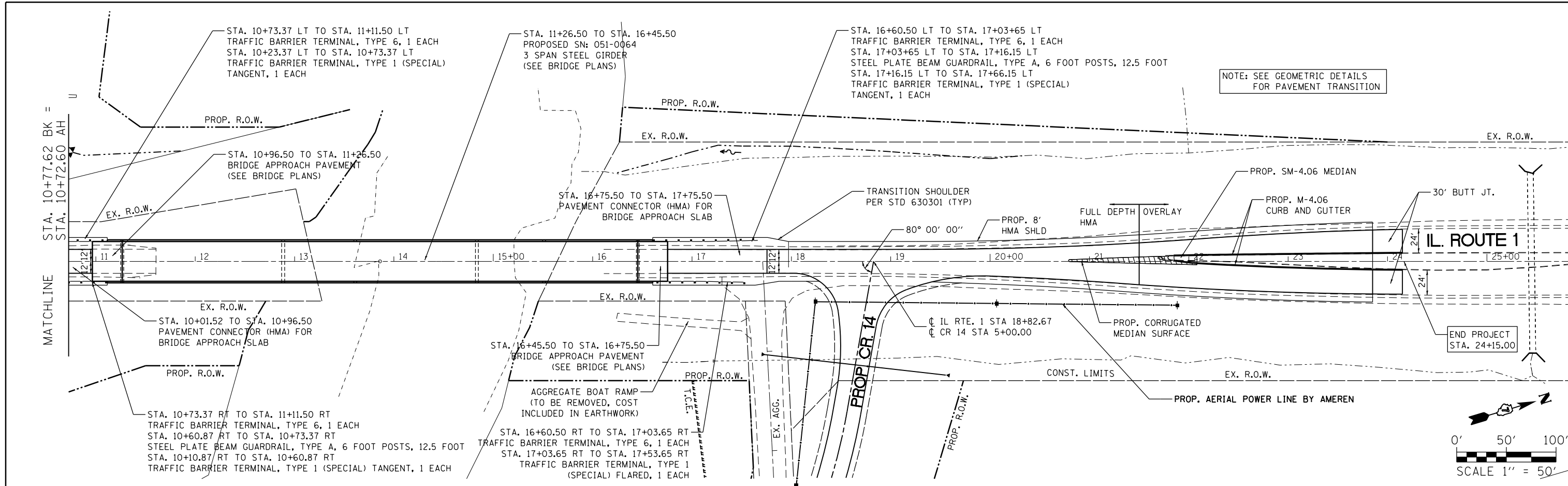
**EXISTING UTILITY AND REMOVAL PLAN
COUNTY ROAD 14**

SCALE: 1" = 20' SHEET 5 OF 5 SHEETS STA. 5+09.33 TO STA. 9+00

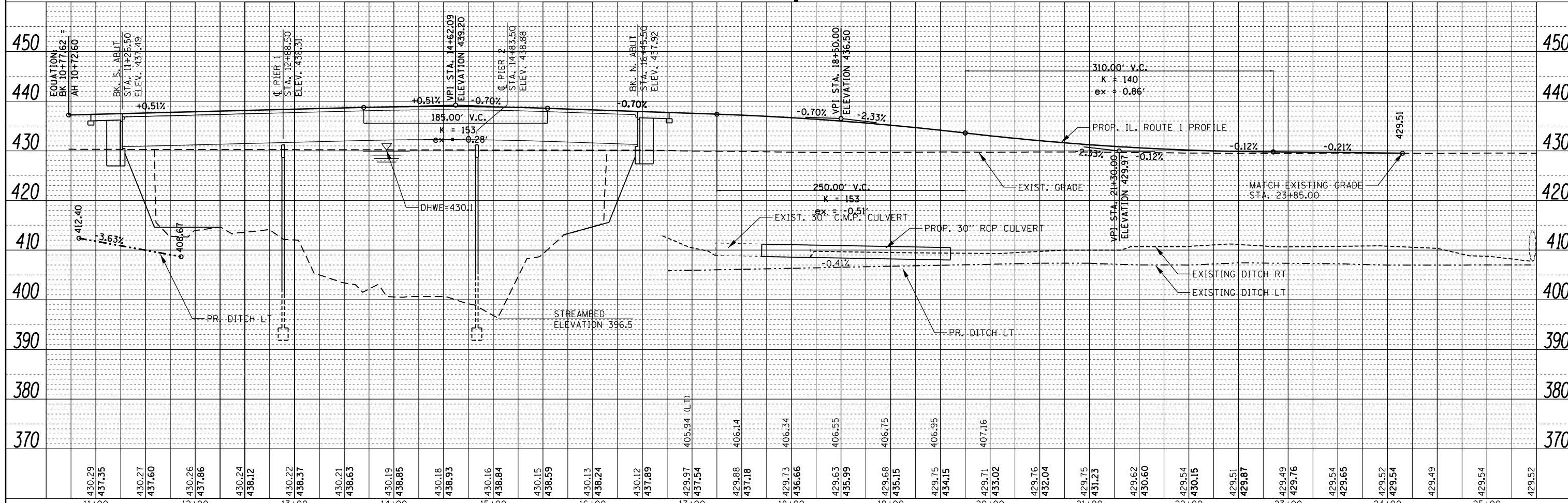
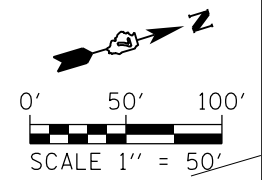
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	30
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

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



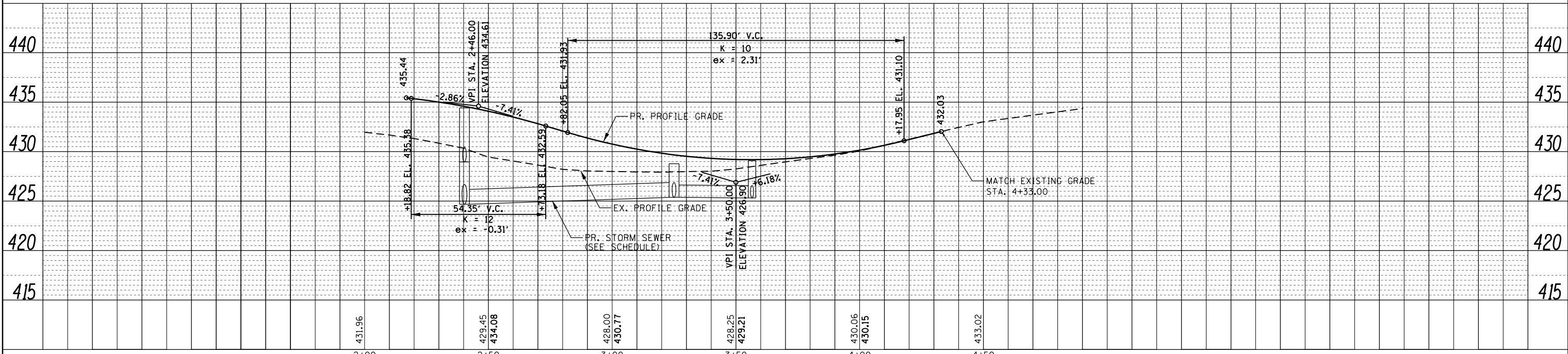
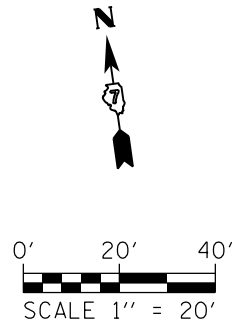
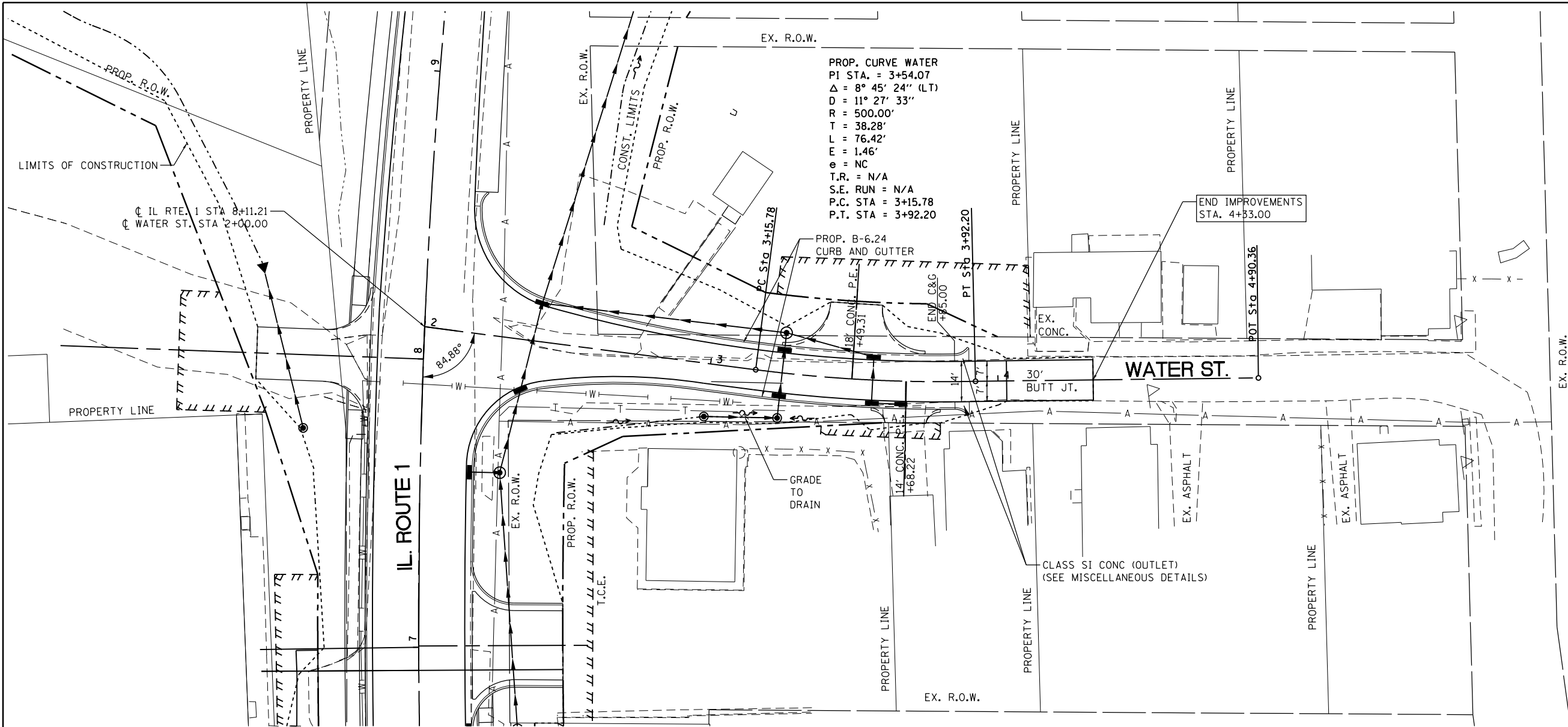
NOTE: SEE GEOMETRIC DETAILS FOR PAVEMENT TRANSITION



FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN AND PROFILE ILLINOIS ROUTE 1		F.A.P. RTE. 332	SECTION (16BR1B-1)	COUNTY Lawrence	TOTAL SHEETS 167	SHEET NO. 32
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE:	SHEET 2 OF 5 SHEETS	STA. 10+72.60 TO STA. 24+15	CONTRACT NO. 74180		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/5/2016	DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

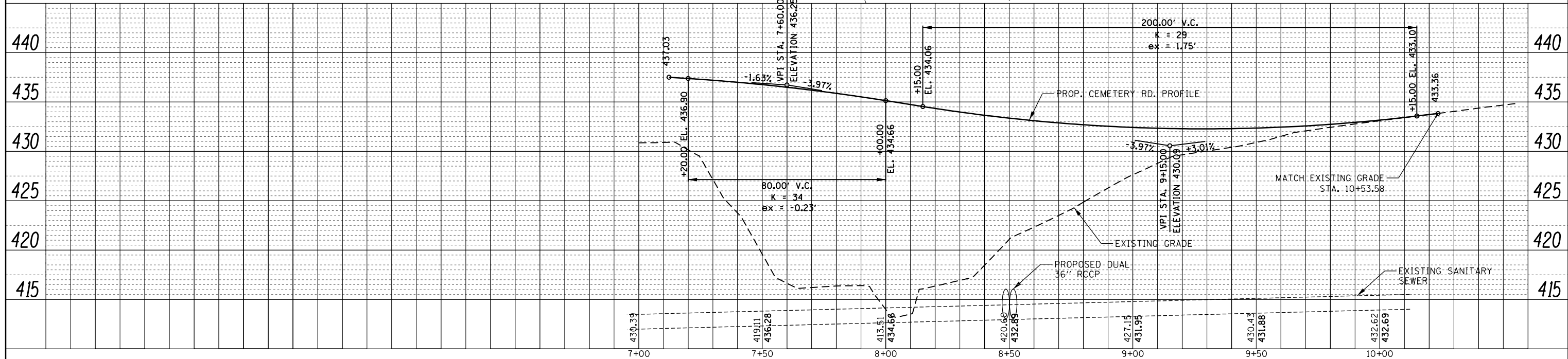
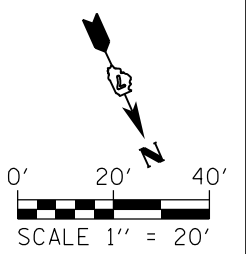
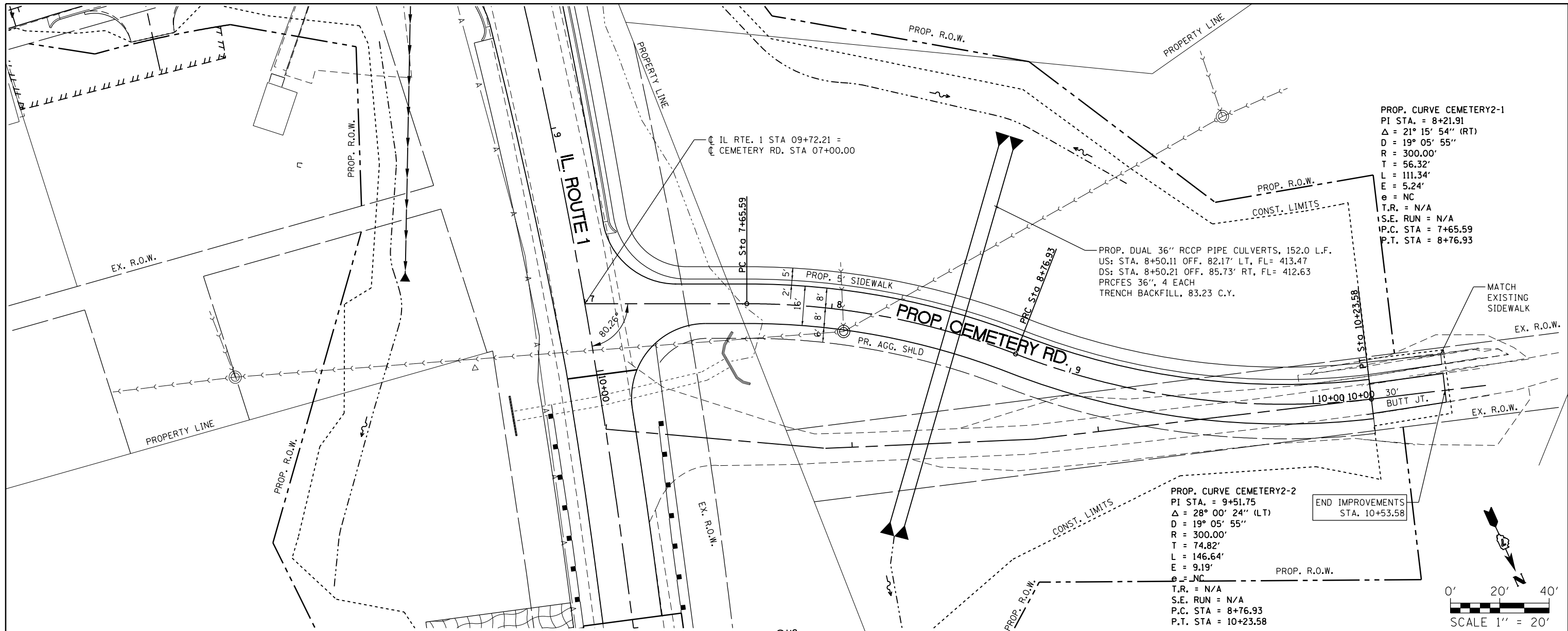
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WATER STREET		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -				332	(16BR)B-1	Lawrence	167	33
		DATE -	REVISED -				CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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	NO.	

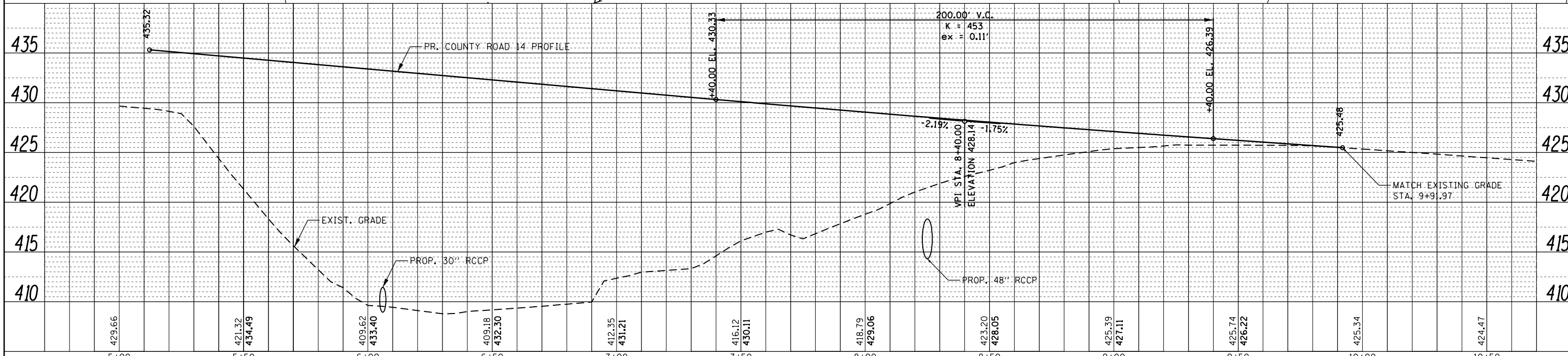
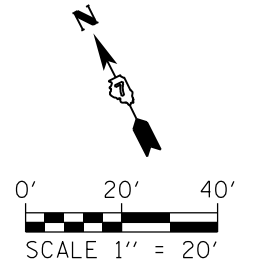
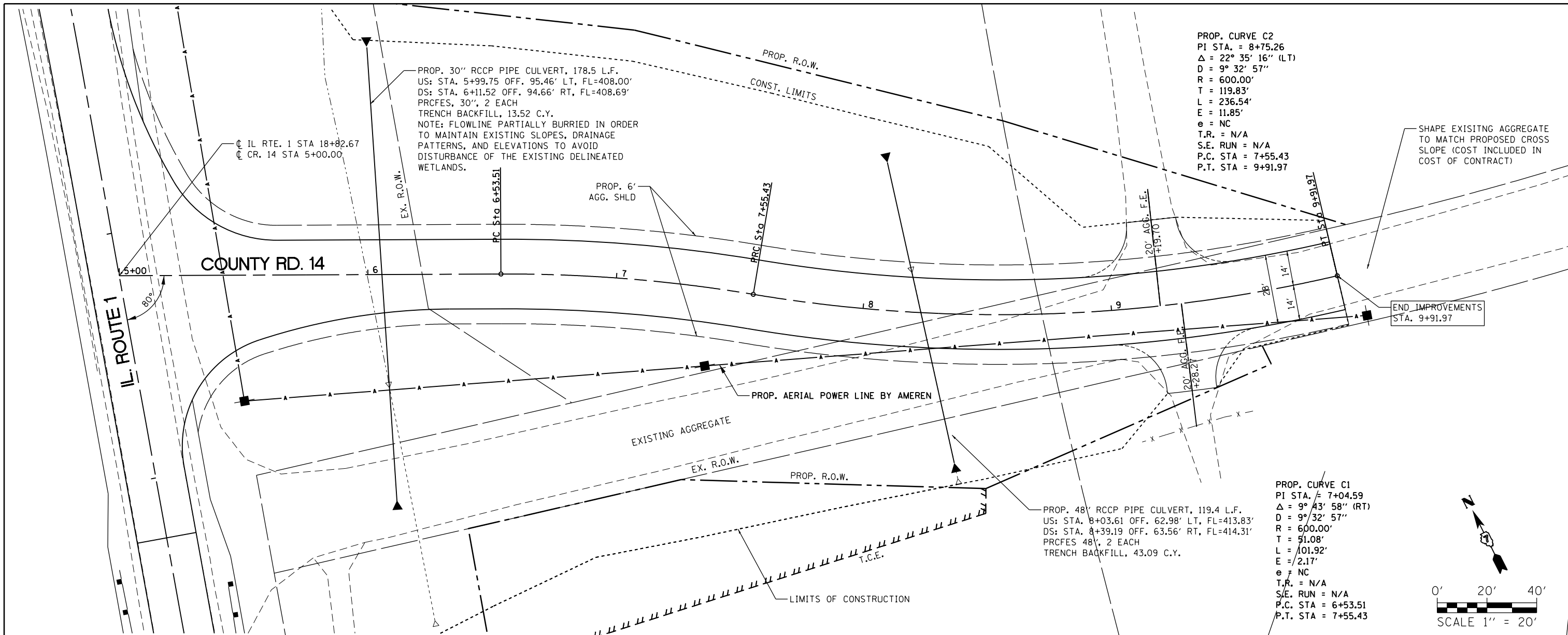
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	STRUCTURE	
	NOTATIONS	
	CHKD	
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	NO.	
	NO.	



FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE CEMETERY ROAD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			332	(16BR)B-1	Lawrence	167	34
		DATE -	REVISED -			CONTRACT NO. 74180				
						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
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	CHECKED	
	FILE NAME	

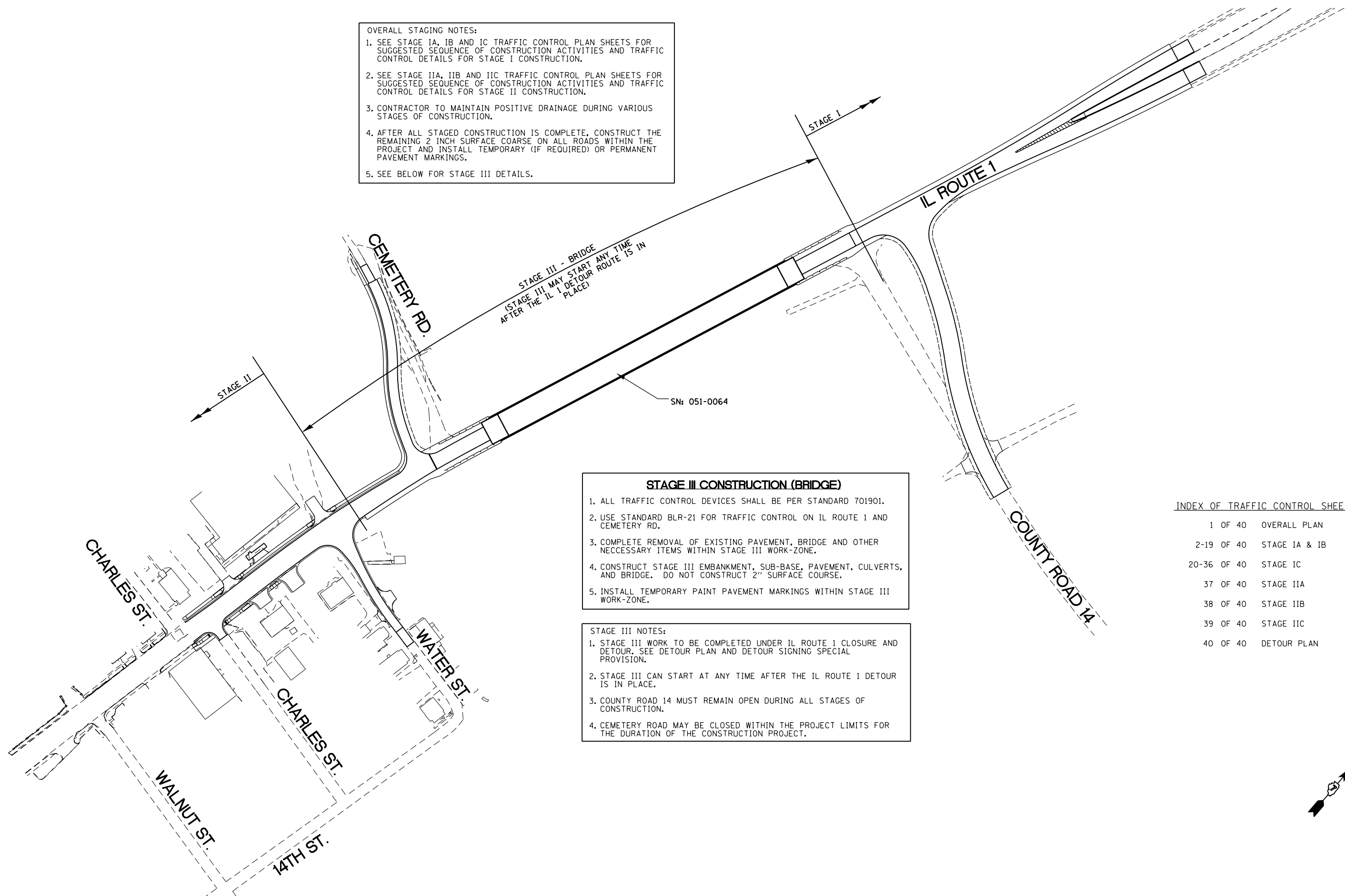
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	



FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN AND PROFILE COUNTY ROAD 14				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/5/2016	DATE -	REVISED -	SCALE: 1" = 20' SHEET 5 OF 5 SHEETS STA. 5+00 TO STA. 9+91.97				ILLINOIS FED. AID PROJECT CONTRACT NO. 74180								

OVERALL STAGING NOTES:

1. SEE STAGE IA, IB AND IC TRAFFIC CONTROL PLAN SHEETS FOR SUGGESTED SEQUENCE OF CONSTRUCTION ACTIVITIES AND TRAFFIC CONTROL DETAILS FOR STAGE I CONSTRUCTION.
2. SEE STAGE IIA, IIB AND IIC TRAFFIC CONTROL PLAN SHEETS FOR SUGGESTED SEQUENCE OF CONSTRUCTION ACTIVITIES AND TRAFFIC CONTROL DETAILS FOR STAGE II CONSTRUCTION.
3. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION.
4. AFTER ALL STAGED CONSTRUCTION IS COMPLETE, CONSTRUCT THE REMAINING 2 INCH SURFACE COARSE ON ALL ROADS WITHIN THE PROJECT AND INSTALL TEMPORARY (IF REQUIRED) OR PERMANENT PAVEMENT MARKINGS.
5. SEE BELOW FOR STAGE III DETAILS.



STAGE III CONSTRUCTION (BRIDGE)

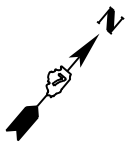
1. ALL TRAFFIC CONTROL DEVICES SHALL BE PER STANDARD 701901.
2. USE STANDARD BLR-21 FOR TRAFFIC CONTROL ON IL ROUTE 1 AND CEMETERY RD.
3. COMPLETE REMOVAL OF EXISTING PAVEMENT, BRIDGE AND OTHER NECESSARY ITEMS WITHIN STAGE III WORK-ZONE.
4. CONSTRUCT STAGE III EMBANKMENT, SUB-BASE, PAVEMENT, CULVERTS, AND BRIDGE. DO NOT CONSTRUCT 2" SURFACE COURSE.
5. INSTALL TEMPORARY PAINT PAVEMENT MARKINGS WITHIN STAGE III WORK-ZONE.

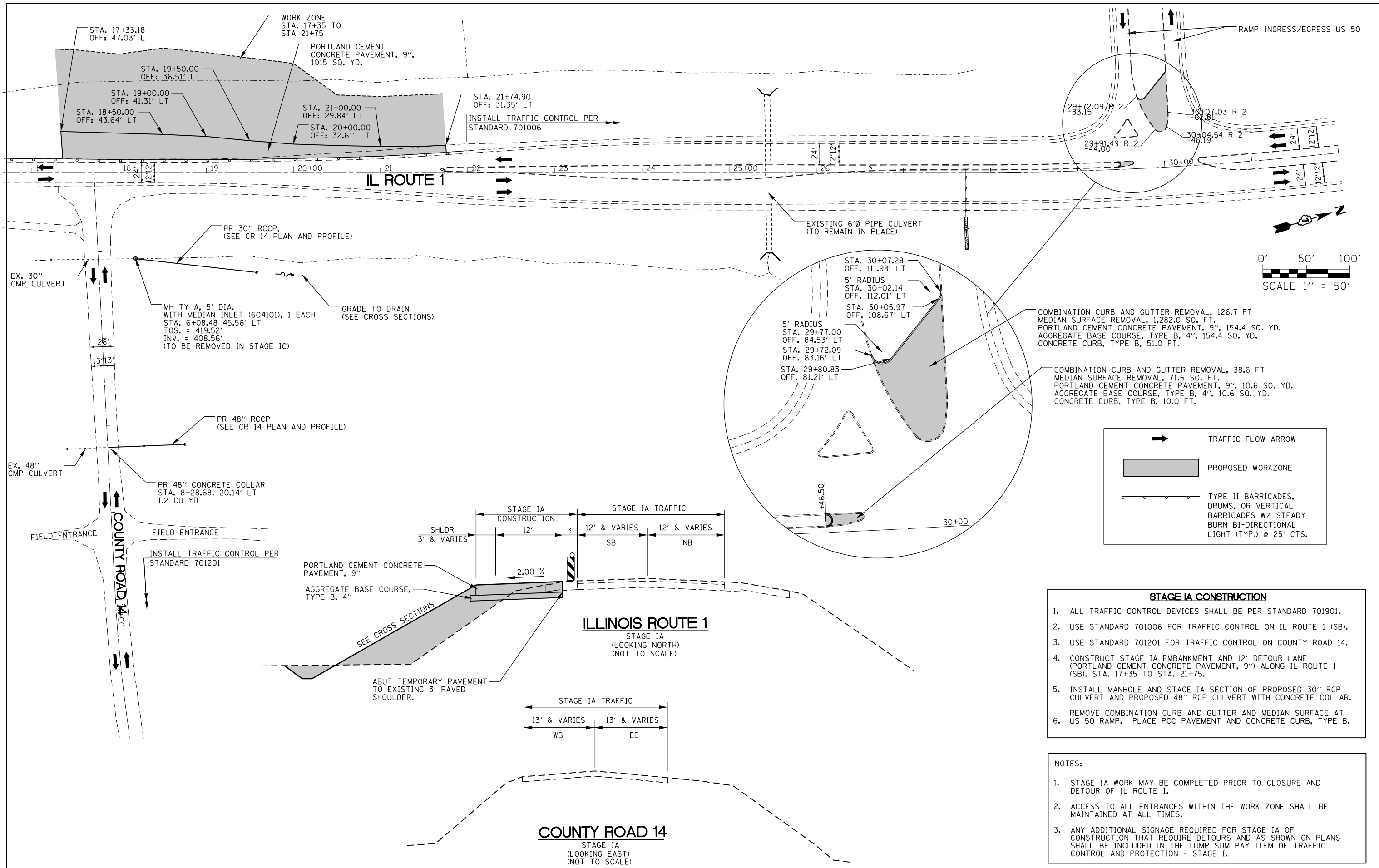
STAGE III NOTES:

1. STAGE III WORK TO BE COMPLETED UNDER IL ROUTE 1 CLOSURE AND DETOUR. SEE DETOUR PLAN AND DETOUR SIGNING SPECIAL PROVISION.
2. STAGE III CAN START AT ANY TIME AFTER THE IL ROUTE 1 DETOUR IS IN PLACE.
3. COUNTY ROAD 14 MUST REMAIN OPEN DURING ALL STAGES OF CONSTRUCTION.
4. CEMETERY ROAD MAY BE CLOSED WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE CONSTRUCTION PROJECT.

INDEX OF TRAFFIC CONTROL SHEETS

1 OF 40	OVERALL PLAN
2-19 OF 40	STAGE IA & IB
20-36 OF 40	STAGE IC
37 OF 40	STAGE IIA
38 OF 40	STAGE IIB
39 OF 40	STAGE IIC
40 OF 40	DETOUR PLAN



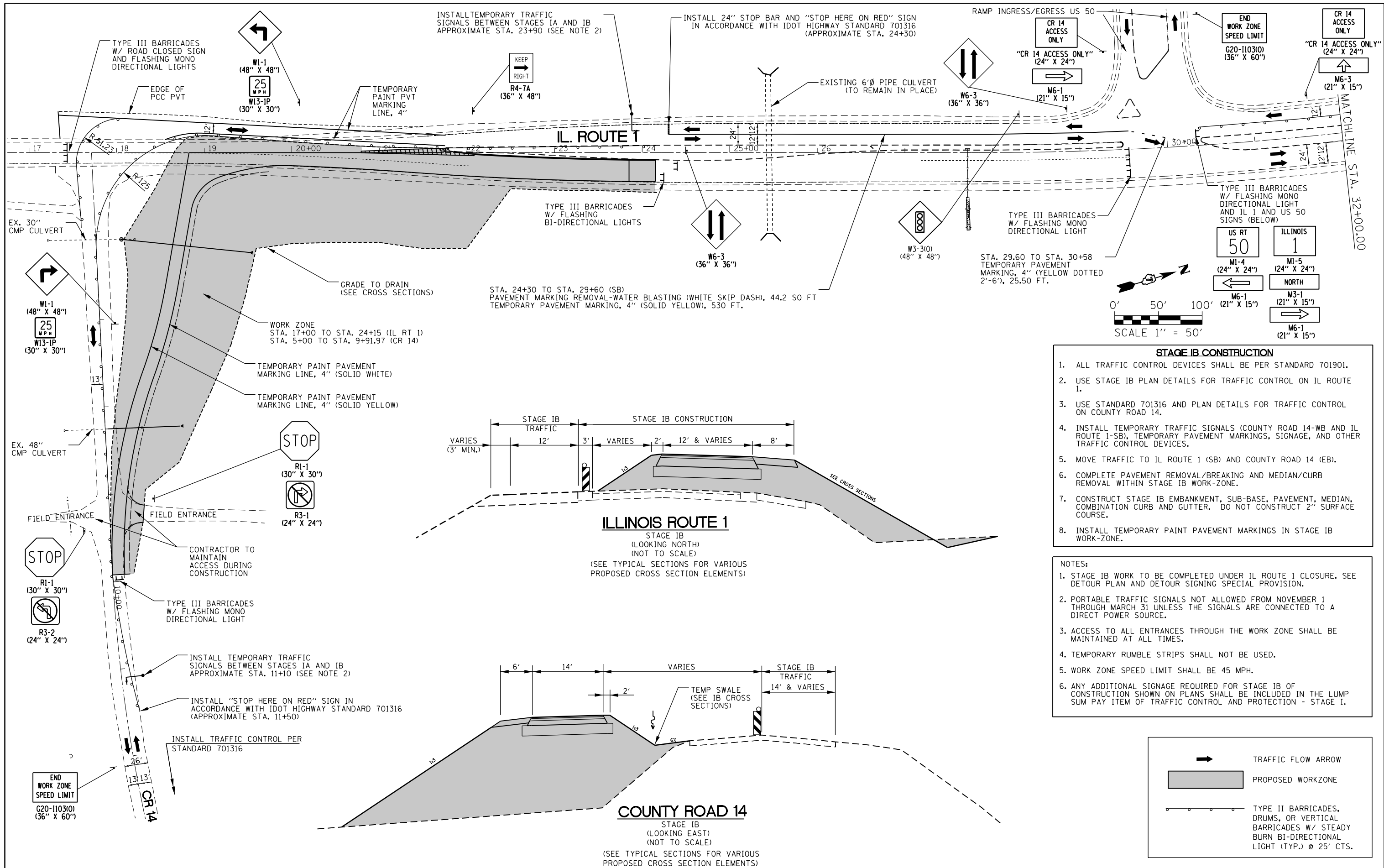


- STAGE IA CONSTRUCTION**
1. ALL TRAFFIC CONTROL DEVICES SHALL BE PER STANDARD 701901.
 2. USE STANDARD 701006 FOR TRAFFIC CONTROL ON IL ROUTE 1 (SB).
 3. USE STANDARD 701201 FOR TRAFFIC CONTROL ON COUNTY ROAD 14.
 4. CONSTRUCT STAGE IA EMBANKMENT AND 12' DETOUR LANE (PORTLAND CEMENT CONCRETE PAVEMENT, 9") ALONG IL ROUTE 1 (SB), STA. 17+35 TO STA. 21+75.
 5. INSTALL MANHOLE AND STAGE IA SECTION OF PROPOSED 30" RCP CULVERT AND PROPOSED 48" RCP CULVERT WITH CONCRETE COLLAR.
 6. REMOVE COMBINATION CURB AND GUTTER AND MEDIAN SURFACE AT US 50 RAMP. PLACE PCC PAVEMENT AND CONCRETE CURB, TYPE B.

- NOTES:**
1. STAGE IA WORK MAY BE COMPLETED PRIOR TO CLOSURE AND DETOUR OF IL ROUTE 1.
 2. ACCESS TO ALL ENTRANCES WITHIN THE WORK ZONE SHALL BE MAINTAINED AT ALL TIMES.
 3. ANY ADDITIONAL SIGNAGE REQUIRED FOR STAGE IA OF CONSTRUCTION THAT REQUIRE DETOURS AND AS SHOWN ON PLANS SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM OF TRAFFIC CONTROL AND PROTECTION - STAGE I.

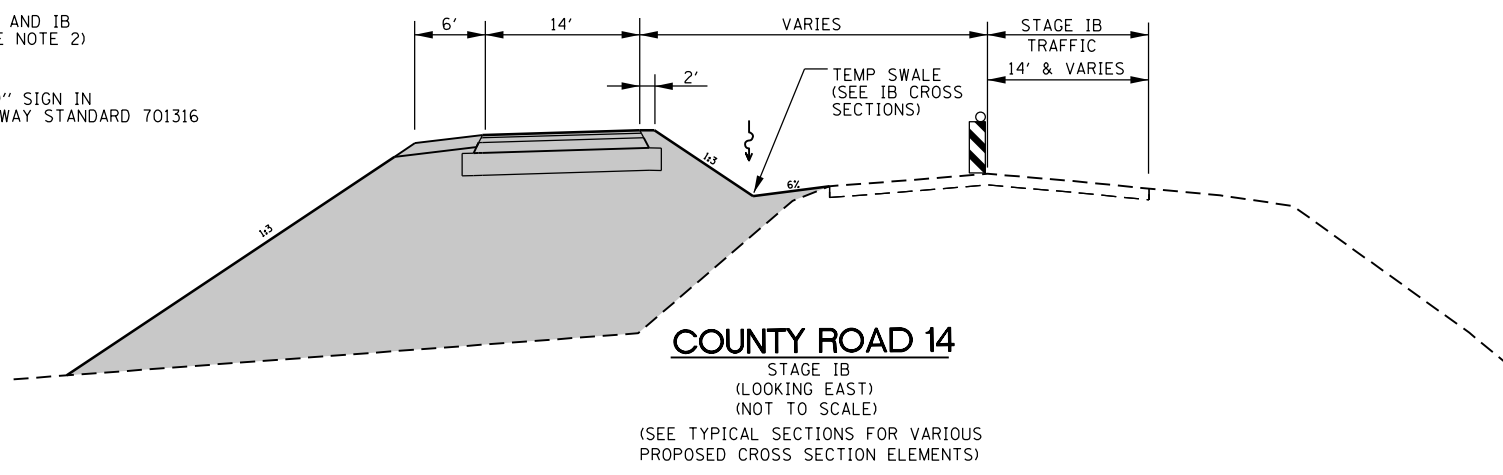
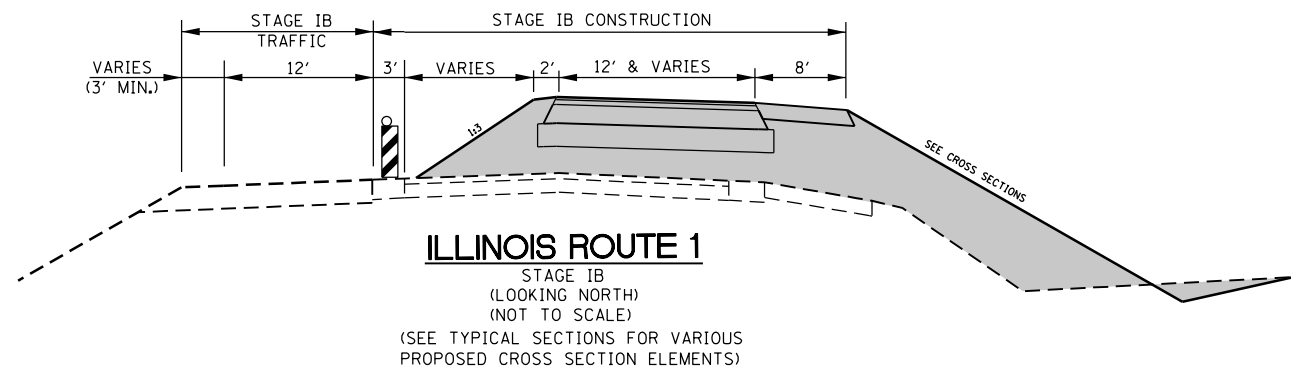
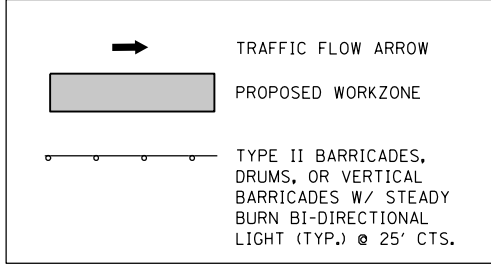
FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN STAGE IA		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74180\DRAWING\CAD\Sheets\0774180-sh1-staging-REVISED		CHECKED -	REVISED -		SCALE: 1" = 50'	SHEET 2 OF 40 SHEETS	STA.	TO STA.	332	(16BRIB-1)	Lawrence	167	37
Default		DATE -	REVISED -						CONTRACT NO. 74180				

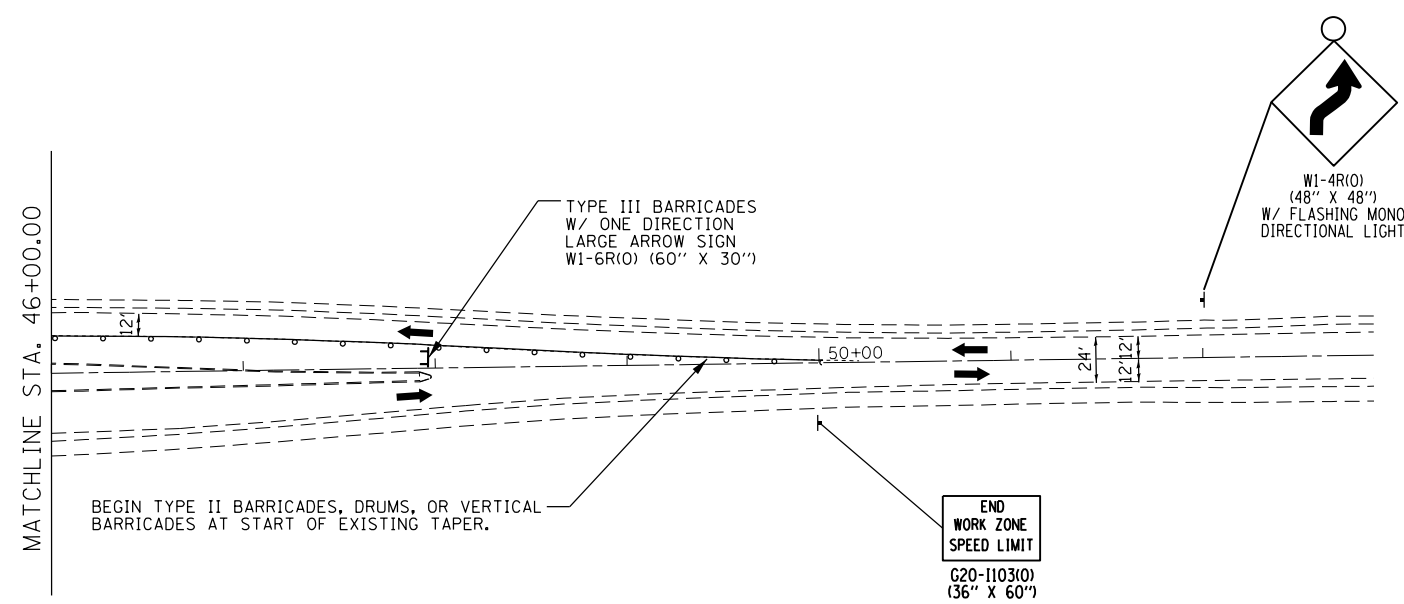
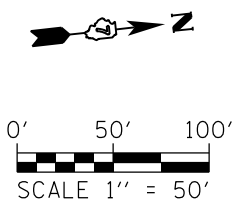
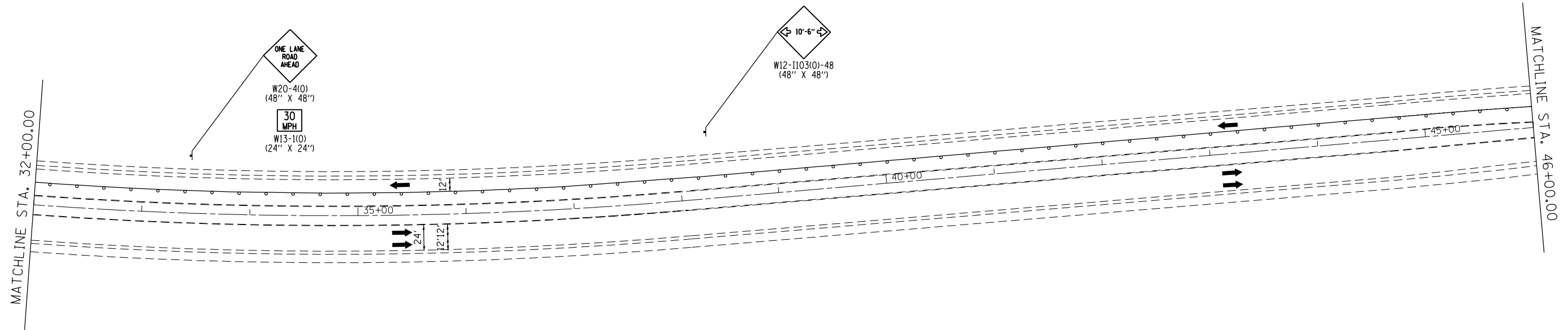
ILLINOIS FED. AID PROJECT



- STAGE IB CONSTRUCTION**
1. ALL TRAFFIC CONTROL DEVICES SHALL BE PER STANDARD 701901.
 2. USE STAGE IB PLAN DETAILS FOR TRAFFIC CONTROL ON IL ROUTE 1.
 3. USE STANDARD 701316 AND PLAN DETAILS FOR TRAFFIC CONTROL ON COUNTY ROAD 14.
 4. INSTALL TEMPORARY TRAFFIC SIGNALS (COUNTY ROAD 14-WB AND IL ROUTE 1-SB), TEMPORARY PAVEMENT MARKINGS, SIGNAGE, AND OTHER TRAFFIC CONTROL DEVICES.
 5. MOVE TRAFFIC TO IL ROUTE 1 (SB) AND COUNTY ROAD 14 (EB).
 6. COMPLETE PAVEMENT REMOVAL/BREAKING AND MEDIAN/CURB REMOVAL WITHIN STAGE IB WORK-ZONE.
 7. CONSTRUCT STAGE IB EMBANKMENT, SUB-BASE, PAVEMENT, MEDIAN, COMBINATION CURB AND GUTTER. DO NOT CONSTRUCT 2" SURFACE COURSE.
 8. INSTALL TEMPORARY PAINT PAVEMENT MARKINGS IN STAGE IB WORK-ZONE.

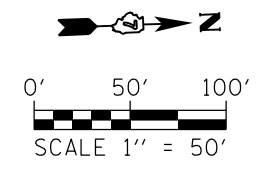
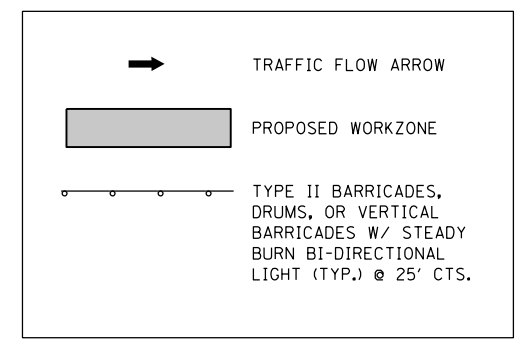
- NOTES:**
1. STAGE IB WORK TO BE COMPLETED UNDER IL ROUTE 1 CLOSURE. SEE DETOUR PLAN AND DETOUR SIGNING SPECIAL PROVISION.
 2. PORTABLE TRAFFIC SIGNALS NOT ALLOWED FROM NOVEMBER 1 THROUGH MARCH 31 UNLESS THE SIGNALS ARE CONNECTED TO A DIRECT POWER SOURCE.
 3. ACCESS TO ALL ENTRANCES THROUGH THE WORK ZONE SHALL BE MAINTAINED AT ALL TIMES.
 4. TEMPORARY RUMBLE STRIPS SHALL NOT BE USED.
 5. WORK ZONE SPEED LIMIT SHALL BE 45 MPH.
 6. ANY ADDITIONAL SIGNAGE REQUIRED FOR STAGE IB OF CONSTRUCTION SHOWN ON PLANS SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM OF TRAFFIC CONTROL AND PROTECTION - STAGE I.





INSTALL ADVANCED WARNING SIGNAGE AT LOCATIONS SPECIFIED BELOW:

STA. 55+00 LT (IL 1 SB)	STA. 70+00 LT (IL 1 SB)									
STA. 13+00 LT (C.H. 14)	<p>W20-1103(0) (48" X 48") W/ FLASHING MONO DIRECTIONAL LIGHT</p>									
RADIUS OF US 50 RAMP WITH IL 1										
<table border="1"> <tr><td>WORK ZONE</td></tr> <tr><td>SPEED LIMIT</td></tr> <tr><td>45</td></tr> <tr><td>PHOTO ENFORCED</td></tr> <tr><td>\$XXX FINE MINIMUM</td></tr> </table>	WORK ZONE	SPEED LIMIT	45	PHOTO ENFORCED	\$XXX FINE MINIMUM	<table border="1"> <tr><td>W2-1115(0) (36" X 18")</td></tr> <tr><td>R2-1 (36" X 48")</td></tr> <tr><td>R10-1108P-3618 (36" X 12")</td></tr> <tr><td>R2-1106P (36" X 18")</td></tr> </table>	W2-1115(0) (36" X 18")	R2-1 (36" X 48")	R10-1108P-3618 (36" X 12")	R2-1106P (36" X 18")
WORK ZONE										
SPEED LIMIT										
45										
PHOTO ENFORCED										
\$XXX FINE MINIMUM										
W2-1115(0) (36" X 18")										
R2-1 (36" X 48")										
R10-1108P-3618 (36" X 12")										
R2-1106P (36" X 18")										



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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

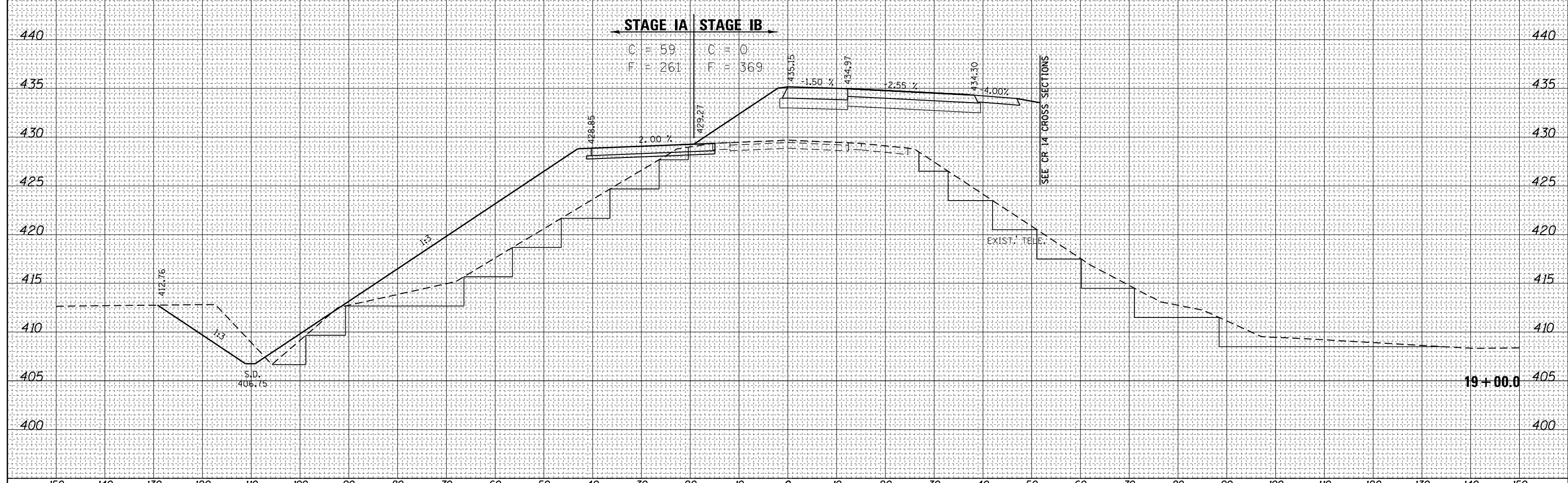
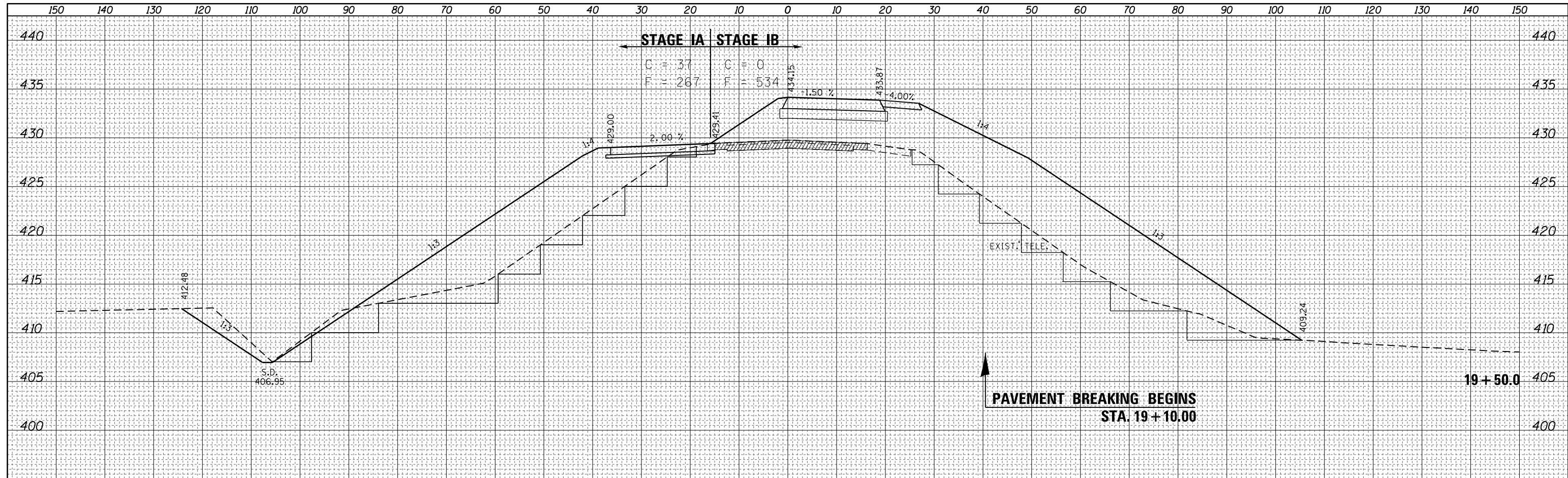
**TRAFFIC CONTROL PLAN
STAGE 1B**

SCALE: 1" = 50' SHEET 4 OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	39
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

DATE	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

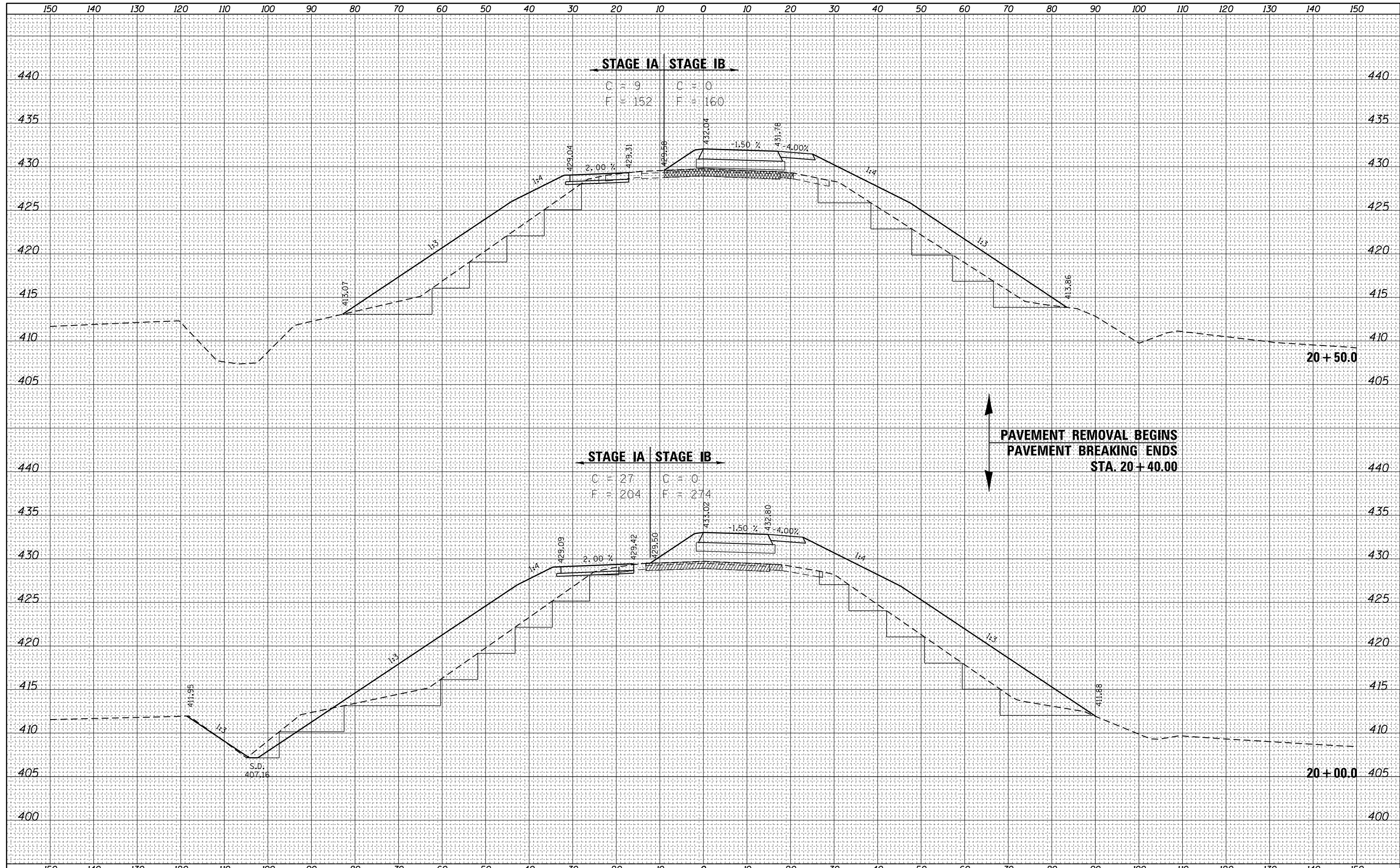
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AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ILLINOIS ROUTE 1 - CROSS SECTIONS STAGES IA AND IB		F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY Lawrence	TOTAL SHEETS 167	SHEET NO. 42
Default	Plot Scale = 20.0000' / in.	CHECKED -	REVISED -			SCALE: 1" = 10'		SHEET 7	OF 40 SHEETS	STA. 19+00.0	TO STA. 19+50.0	CONTRACT NO. 74180
	PLOT DATE = 8/5/2016	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	
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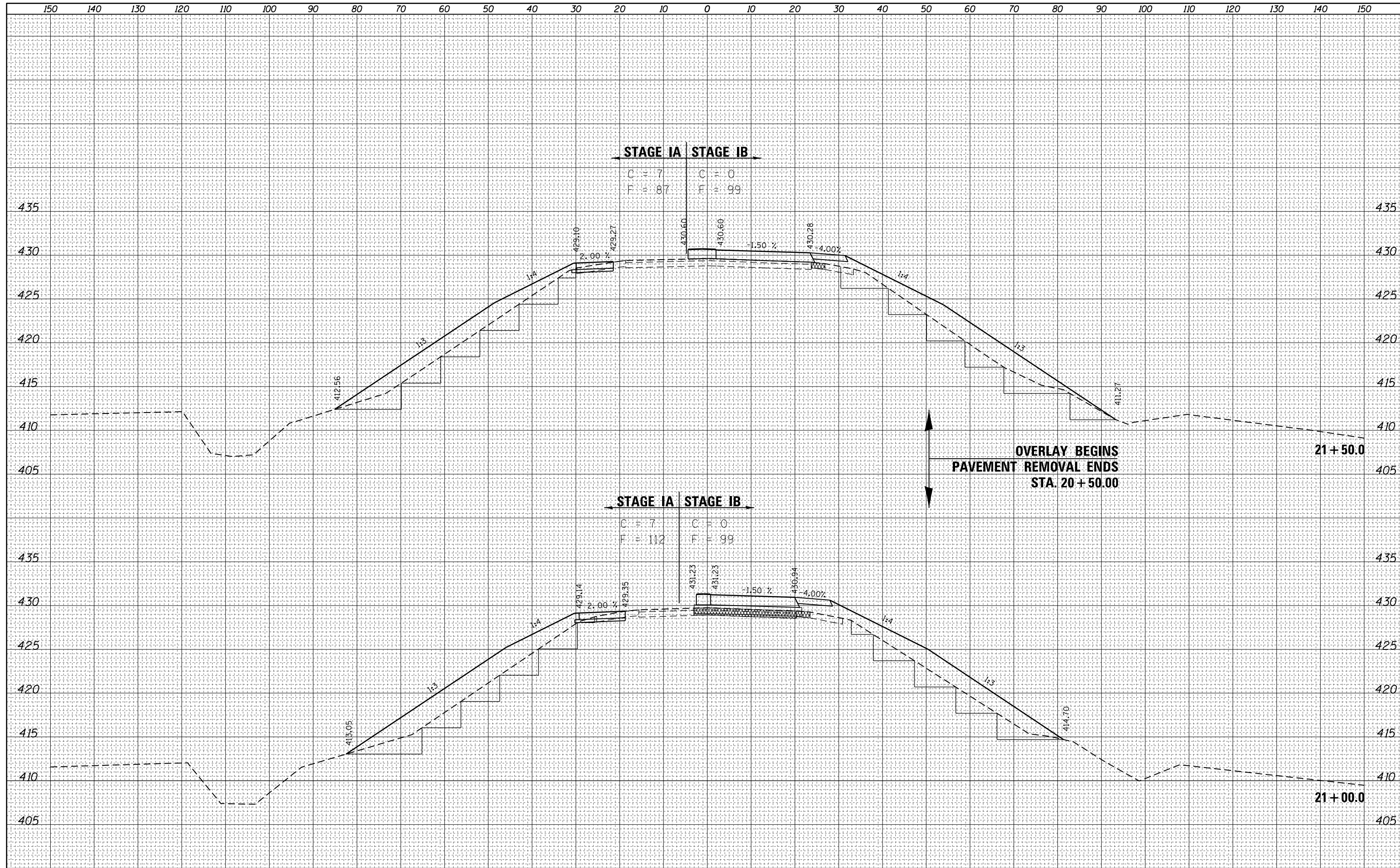
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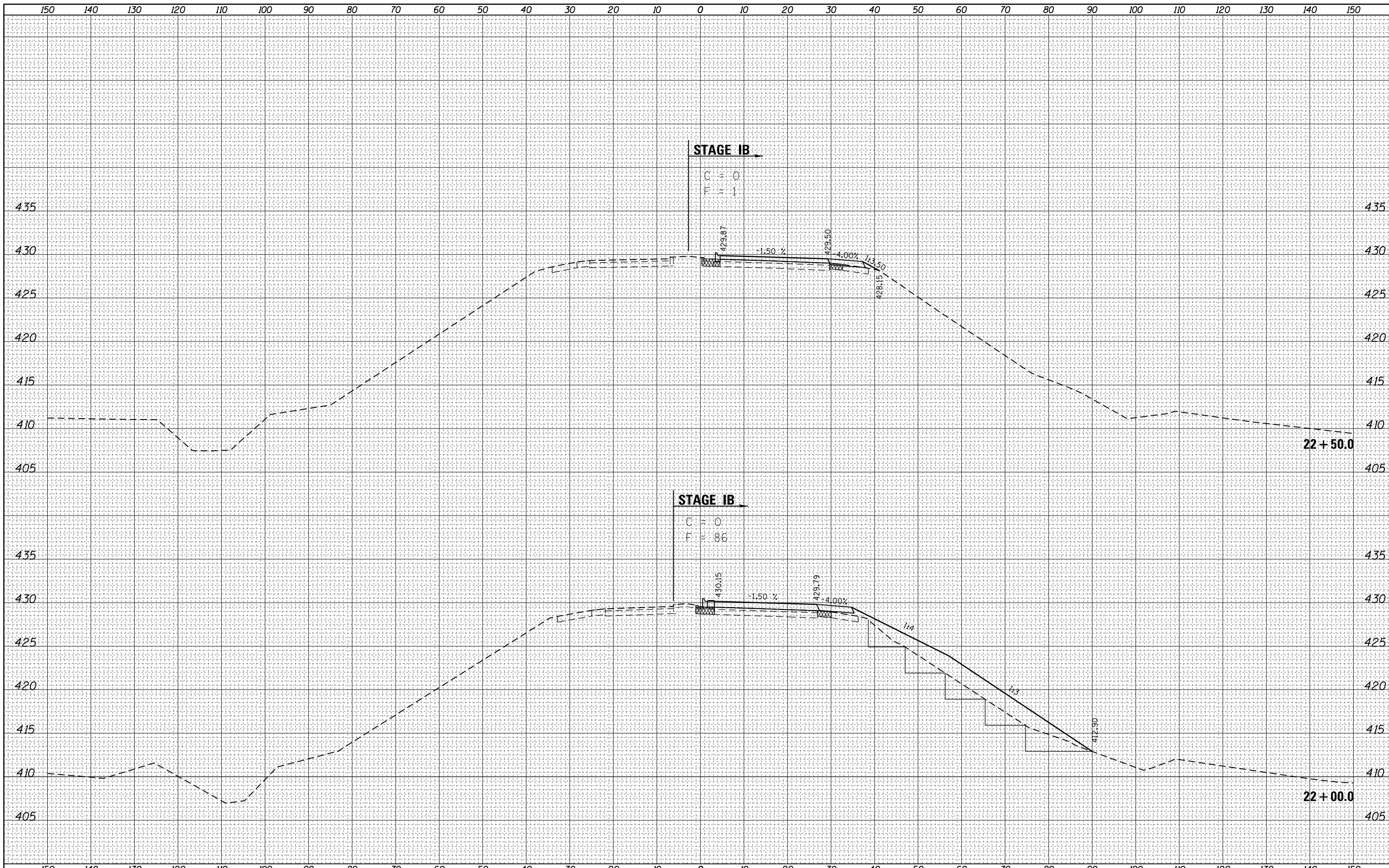
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\\IL084EBIDINTEG.illinois.gov\PIWDOT\Documents\DOT Offices\District 7\Projects\74180\CADD\Drawings\Drawings\74180-shd-staging-IAandIB.dwg	DRAWN	REVISED -	REVISED -					332	(16BR)B-1	Lawrence	167	43
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PLOT DATE = 8/5/2016	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				
Default				SCALE: 1" = 10'			SHEET 8	OF 40 SHEETS	STA. 20+00.0	TO STA. 20+50.0		

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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -	SCALE: 1" = 10'				SHEET 9 OF 40 SHEETS				STA. 21+00.0 TO STA. 21+50.0				CONTRACT NO. 74180	
	PLOT DATE = 8/5/2016	DATE -	REVISIED -	ILLINOIS FED. AID PROJECT													



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

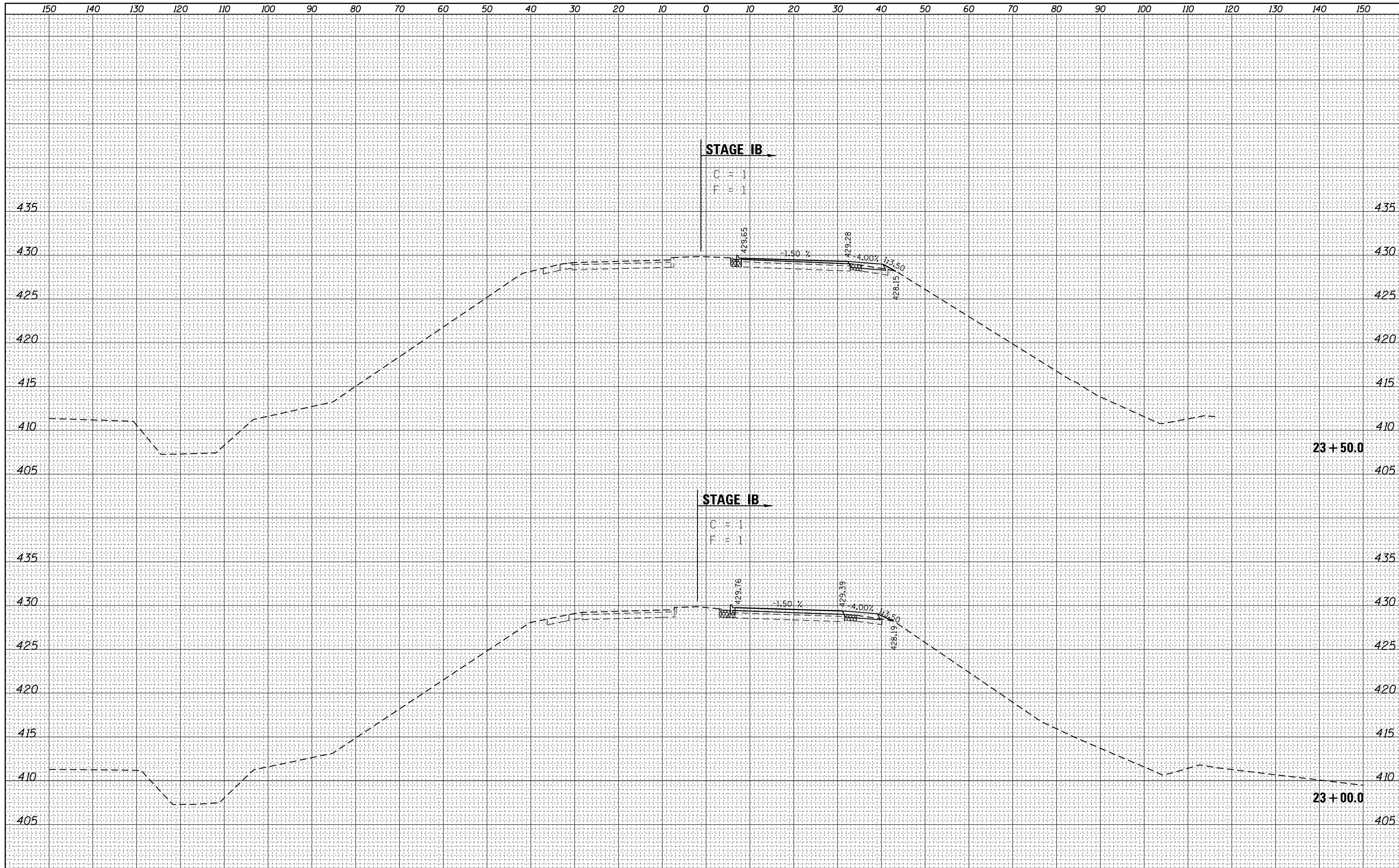
**ILLINOIS ROUTE 1 – CROSS SECTIONS
STAGES IA AND IB**

SCALE: 1" = 10' SHEET 10 OF 40 SHEETS STA. 22+00.0 TO STA. 22+50.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	45
			CONTRACT NO. 74180	
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
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 PLOT DATE = 8/5/2016

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

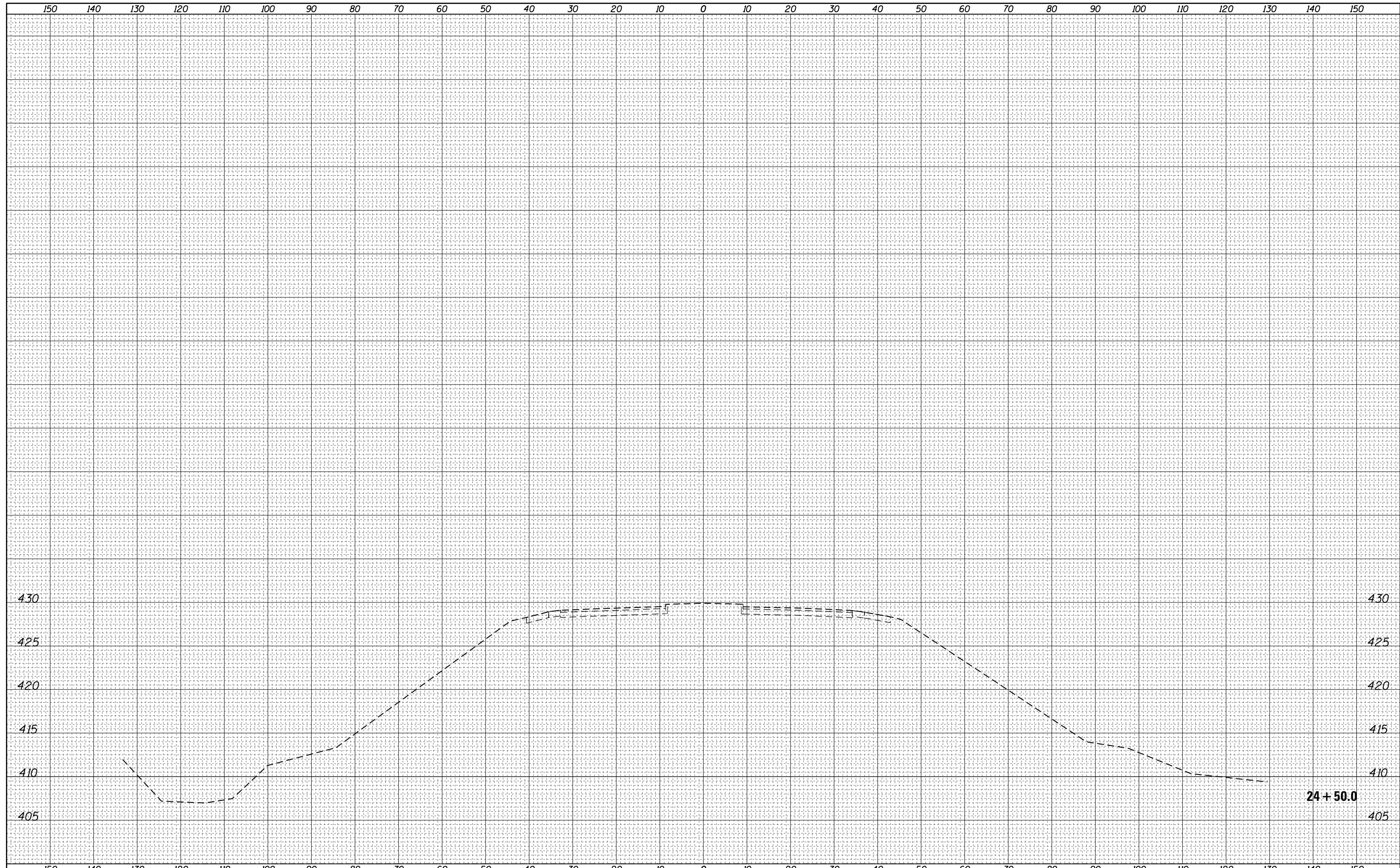
**ILLINOIS ROUTE 1 - CROSS SECTIONS
 STAGES IA AND IB**

SCALE: 1" = 10' SHEET 11 OF 40 SHEETS STA. 23+00.0 TO STA. 23+50.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16B)B-1	Lawrence	167	46
CONTRACT NO. 74180				
ILLINOIS FED. AID PROJECT				

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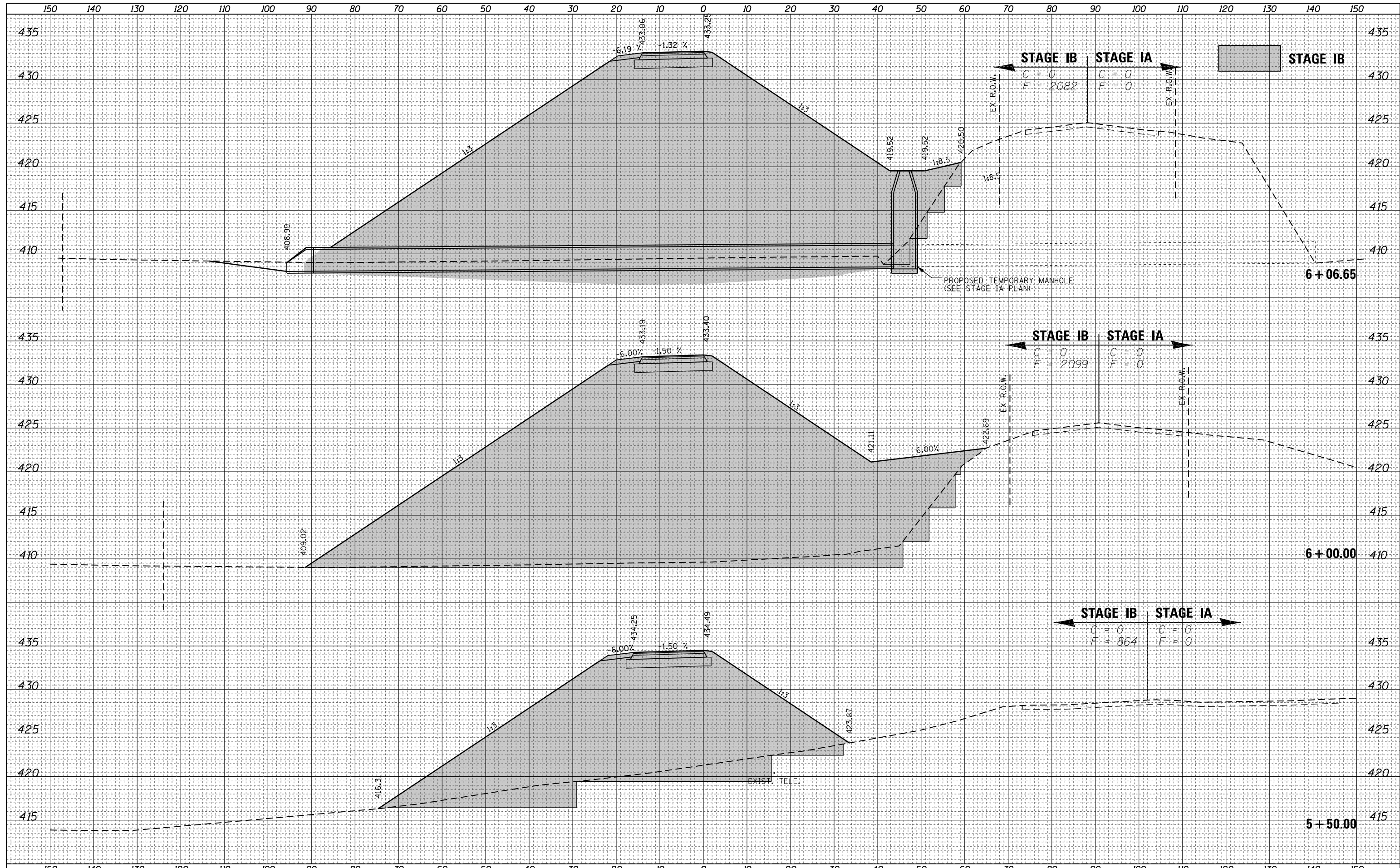
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FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 1 - CROSS SECTIONS STAGES IA AND IB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 8/5/2016	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				
Default				SCALE: 1" = 10'			SHEET 14	OF 40 SHEETS	STA. 24+50.0	TO STA. 24+50.0		

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME = D774180-sht-staging-014-018-1AB-XSC-CR14.dgn

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PLOT DATE = 8/5/2016	DATE - 04-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

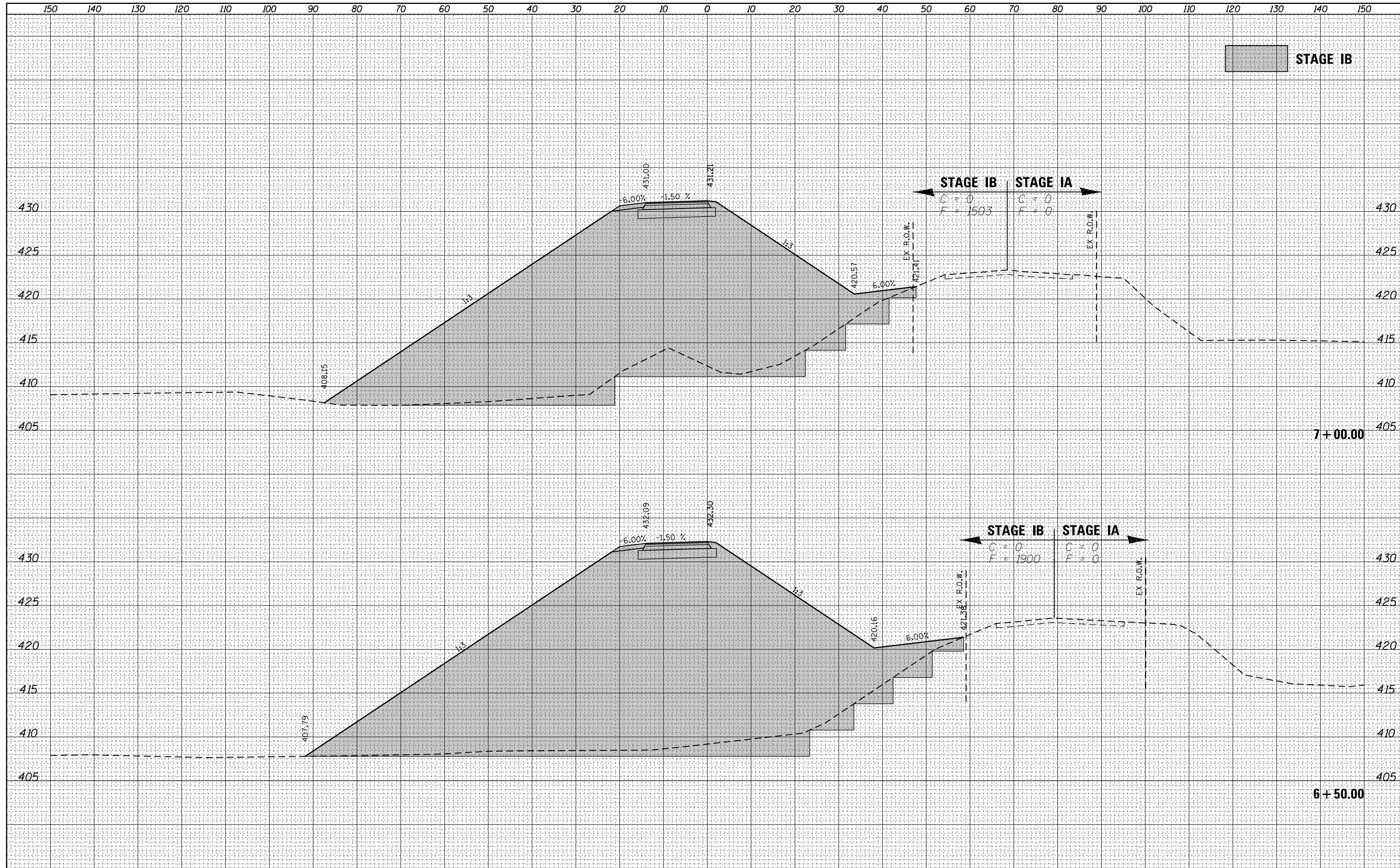
**COUNTY ROAD 14 - CROSS SECTIONS
STAGES IA AND IB**

SCALE: 1" = 10' SHEET NO. 15 OF 40 SHEETS STA. 5+50.00 TO STA. 6+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	LAWRENCE	167	50
CONTRACT NO. 74180				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

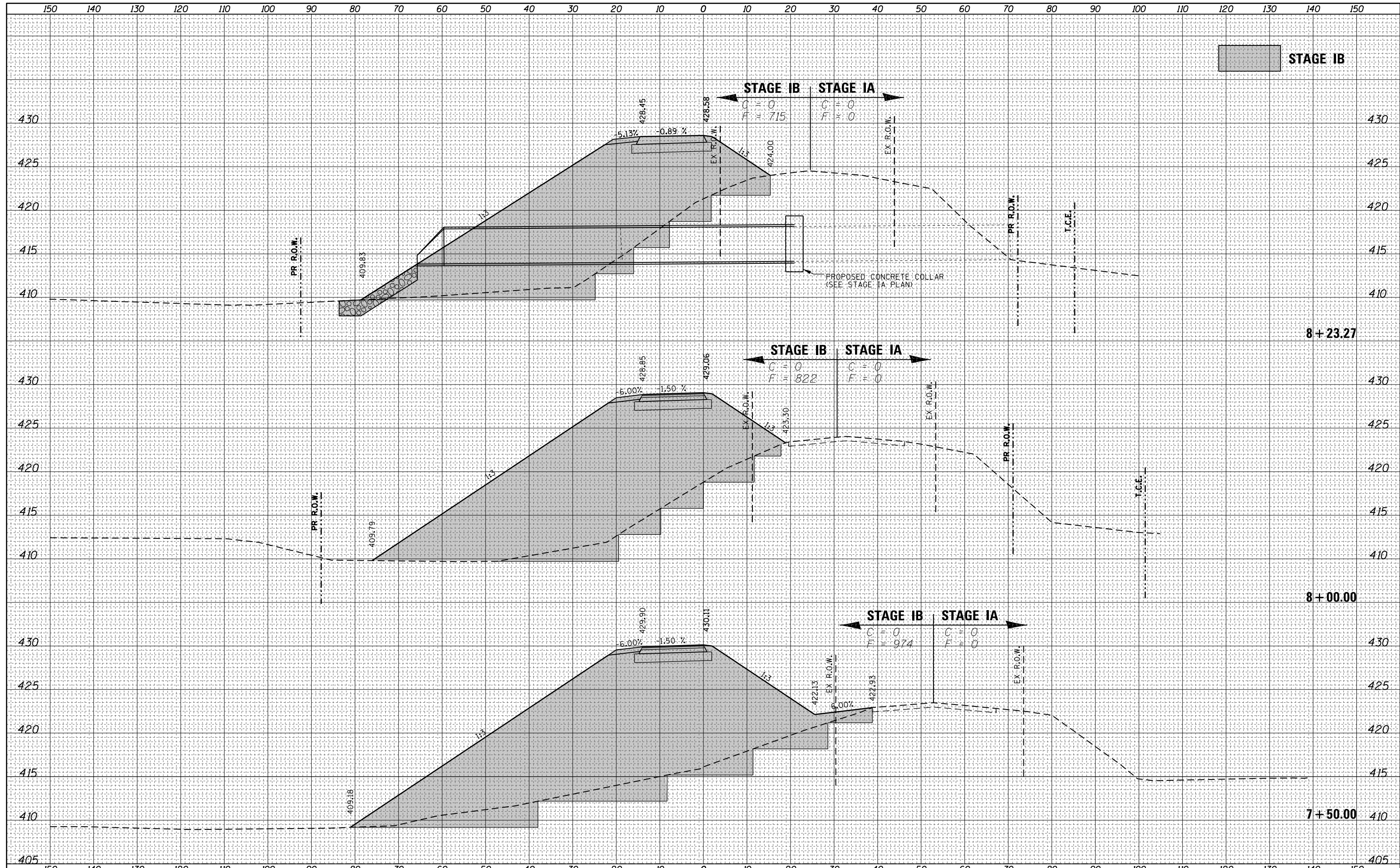
**COUNTY ROAD 14 - CROSS SECTIONS
STAGES IA AND IB**

SCALE: 1" = 10' SHEET NO. 16 OF 40 SHEETS STA. 6+50.00 TO STA. 7+00.00

F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY LAWRENCE	TOTAL SHEETS 167	SHEET NO. 51
CONTRACT NO. 74180				ILLINOIS FED. AID PROJECT

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NOTE BOOK	PLOTTED
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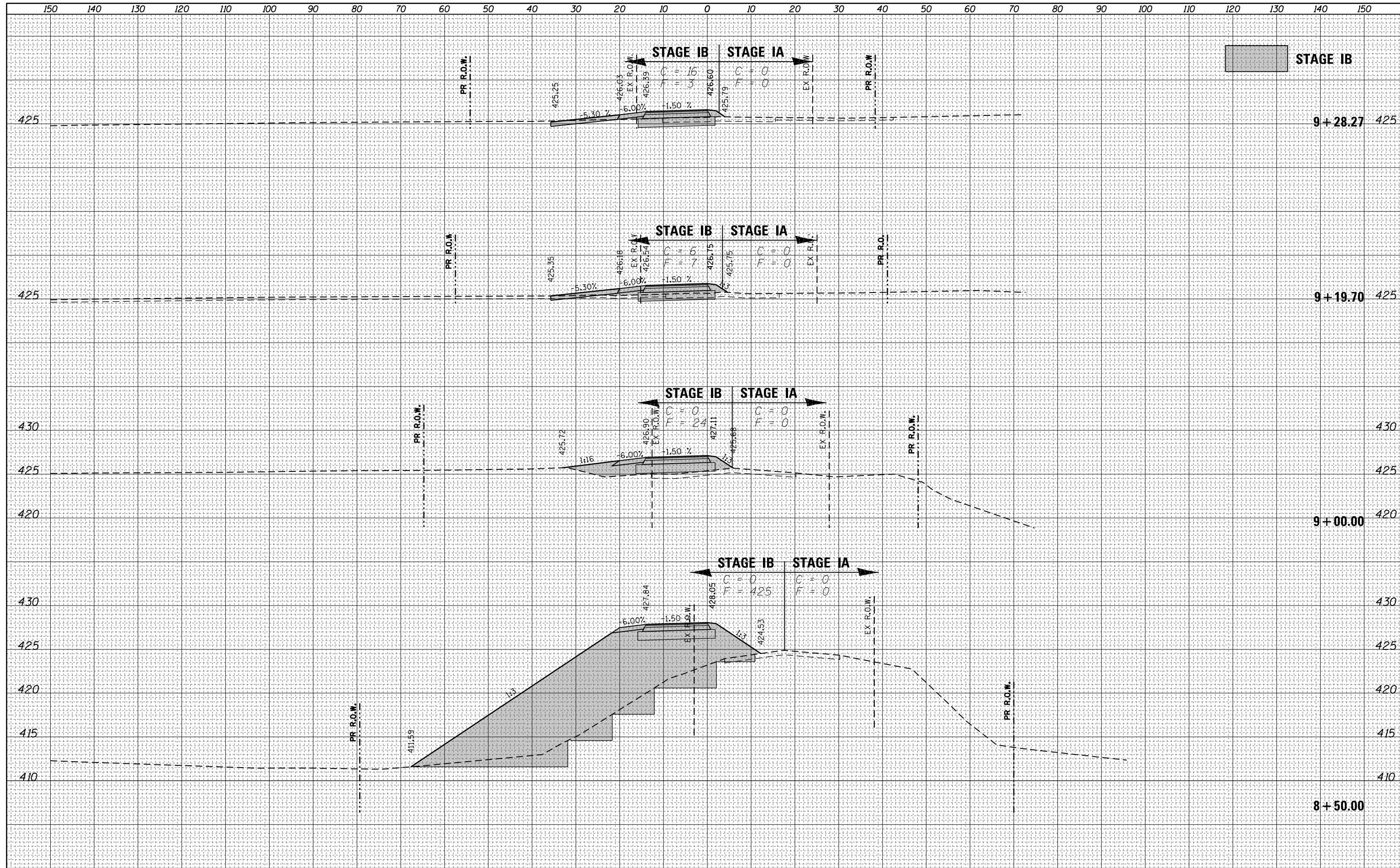
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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FILE NAME =	USER NAME = steffennk	DESIGNED - JWS	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COUNTY ROAD 14 - CROSS SECTIONS STAGES IA AND IB			F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY LAWRENCE	TOTAL SHEETS 167	SHEET NO. 52
D774180-sht-staging-014-018-1AB-XSC-CR14.dgn		DRAWN - JWS/KMO	REVISIED -		SCALE: 1" = 10'	SHEET NO. 17 OF 40 SHEETS	STA. 7+50.00	TO STA. 8+00.00	CONTRACT NO. 74180		ILLINOIS FED. AID PROJECT	
		CHECKED - SJK	REVISIED -									
		DATE - 04-2012	REVISIED -									

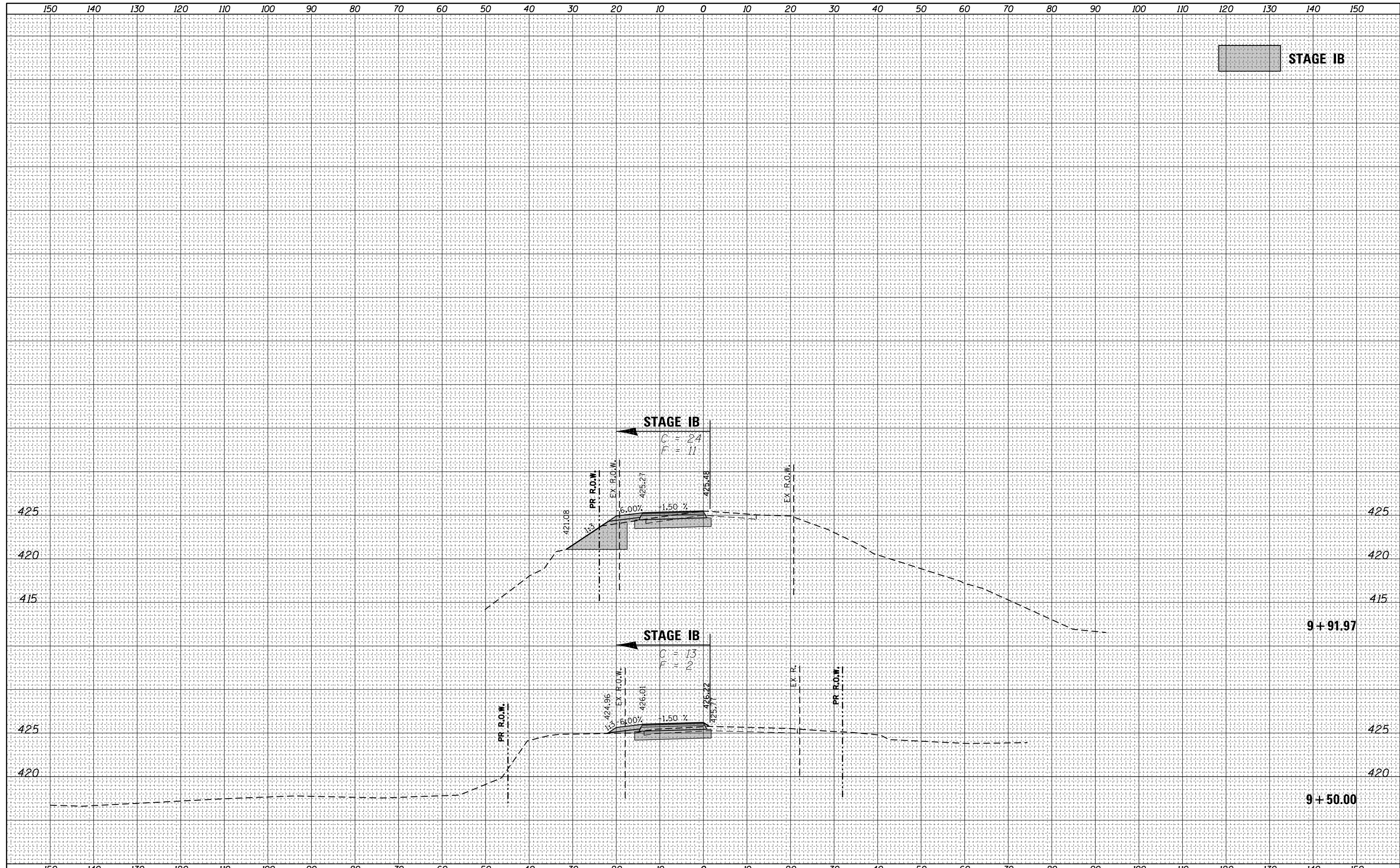
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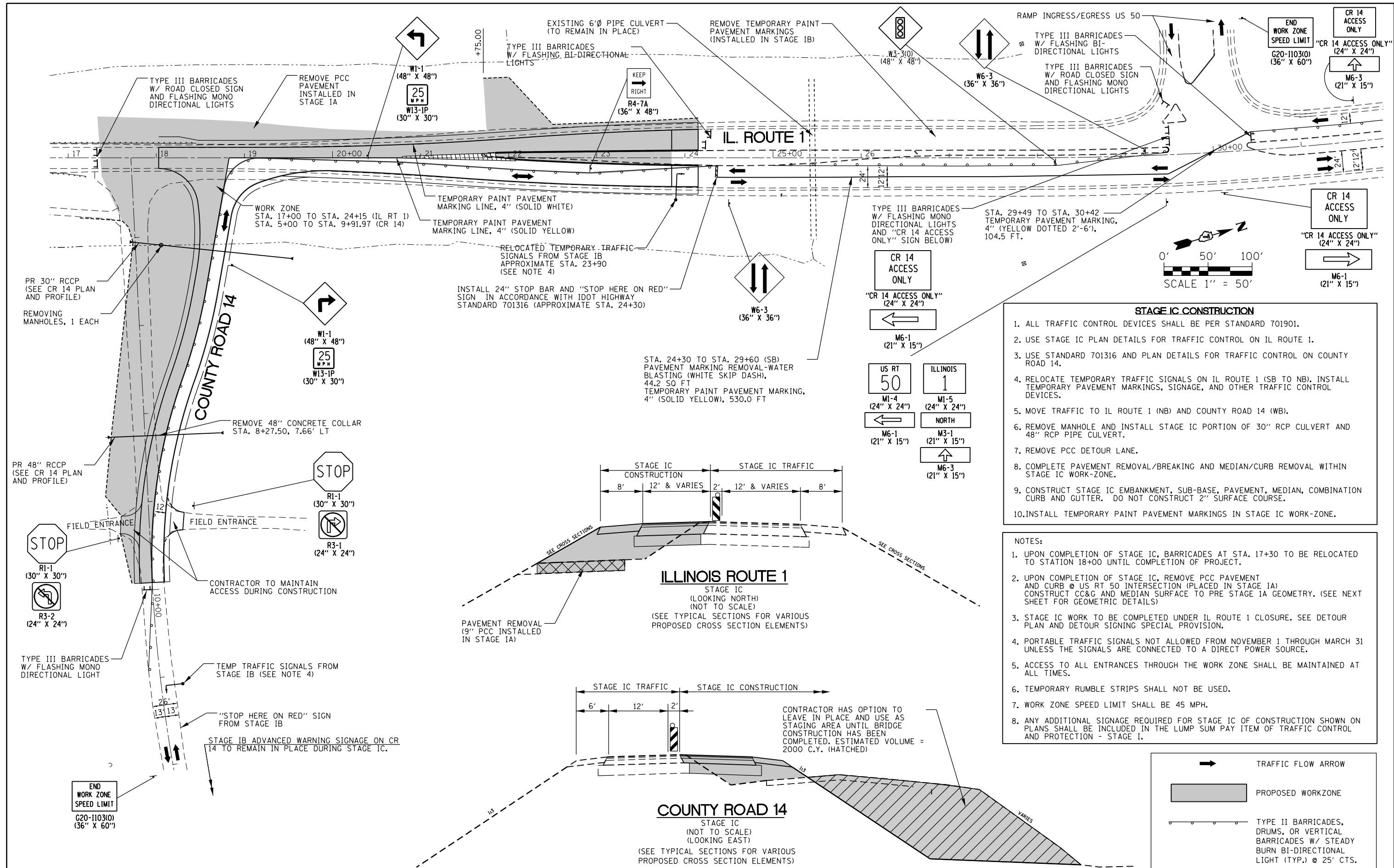


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FINAL SURVEY	
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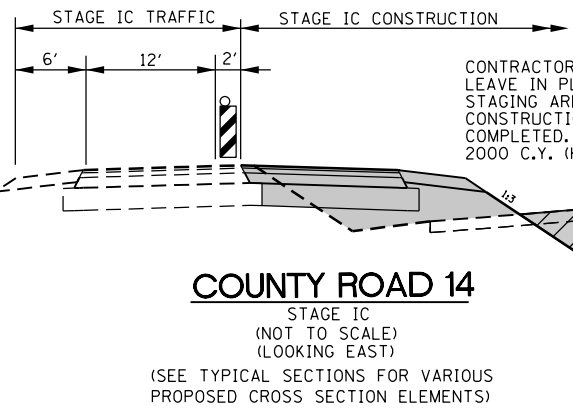
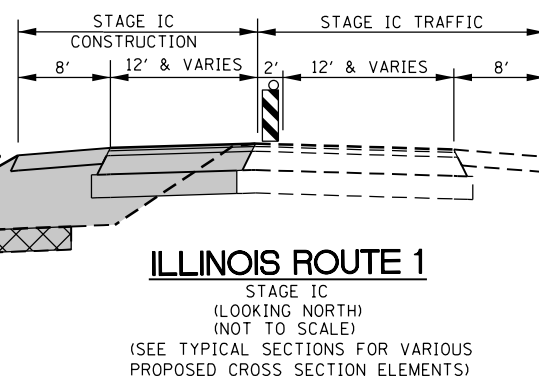


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D774180-sht-staging-014-018-1AB-XSC-CR14.dgn		DRAWN - JWS/KMO	REVISIED -		332	(16BR)B-1	LAWRENCE	167	54	CONTRACT NO. 74180		
		CHECKED - SJK	REVISIED -		SCALE: 1" = 10'		SHEET NO. 19 OF 40 SHEETS		STA. 9+50.00 TO STA. 9+91.97		ILLINOIS FED. AID PROJECT	
		DATE - 04-2012	REVISIED -									

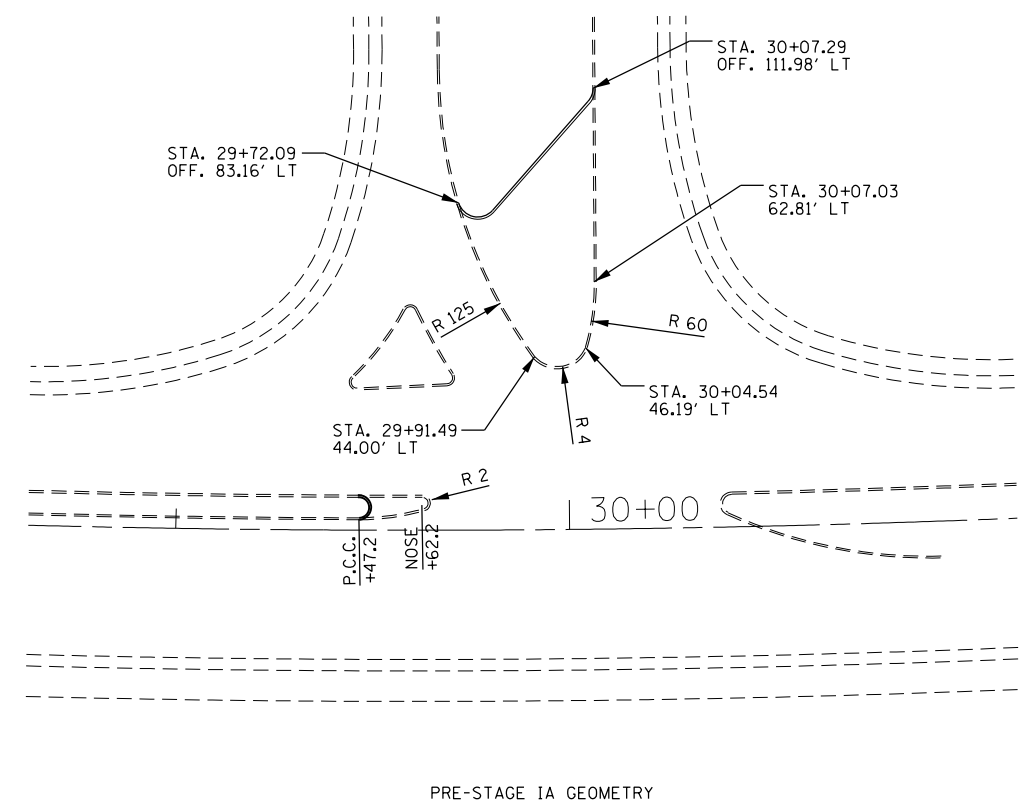
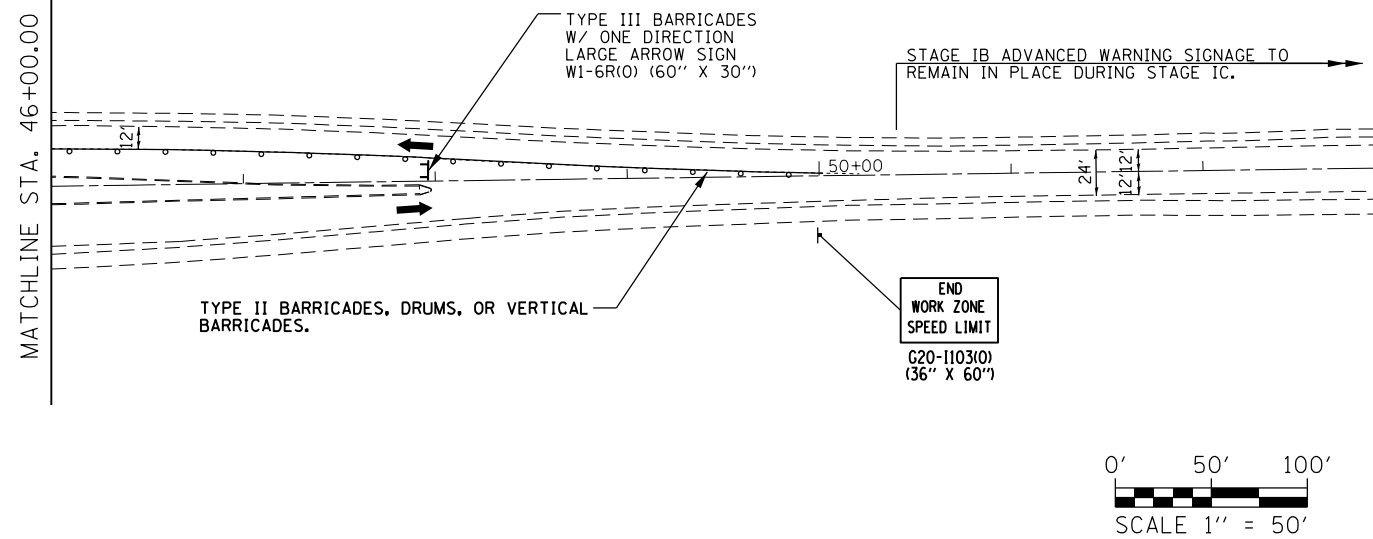
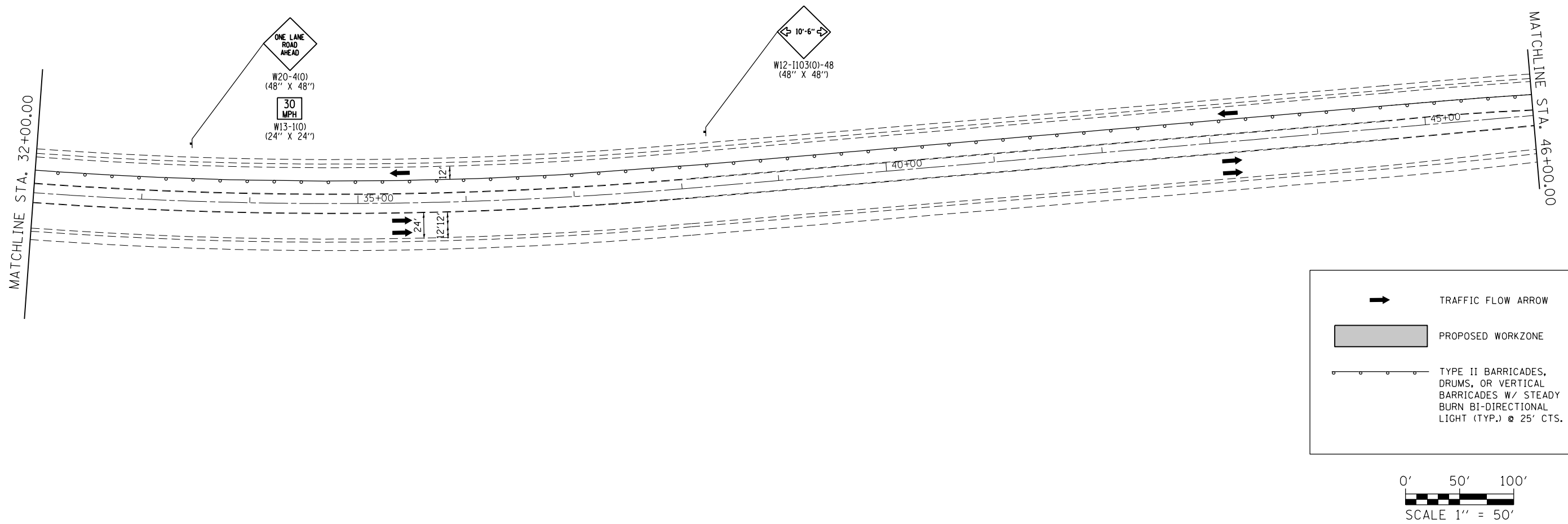


- STAGE IC CONSTRUCTION**
1. ALL TRAFFIC CONTROL DEVICES SHALL BE PER STANDARD 701901.
 2. USE STAGE IC PLAN DETAILS FOR TRAFFIC CONTROL ON IL ROUTE 1.
 3. USE STANDARD 701316 AND PLAN DETAILS FOR TRAFFIC CONTROL ON COUNTY ROAD 14.
 4. RELOCATE TEMPORARY TRAFFIC SIGNALS ON IL ROUTE 1 (SB TO NB). INSTALL TEMPORARY PAVEMENT MARKINGS, SIGNAGE, AND OTHER TRAFFIC CONTROL DEVICES.
 5. MOVE TRAFFIC TO IL ROUTE 1 (NB) AND COUNTY ROAD 14 (WB).
 6. REMOVE MANHOLE AND INSTALL STAGE IC PORTION OF 30" RCP CULVERT AND 48" RCP PIPE CULVERT.
 7. REMOVE PCC DETOUR LANE.
 8. COMPLETE PAVEMENT REMOVAL/BREAKING AND MEDIAN/CURB REMOVAL WITHIN STAGE IC WORK-ZONE.
 9. CONSTRUCT STAGE IC EMBANKMENT, SUB-BASE, PAVEMENT, MEDIAN, COMBINATION CURB AND GUTTER. DO NOT CONSTRUCT 2" SURFACE COURSE.
 10. INSTALL TEMPORARY PAVEMENT MARKINGS IN STAGE IC WORK-ZONE.

- NOTES:**
1. UPON COMPLETION OF STAGE IC, BARRICADES AT STA. 17+30 TO BE RELOCATED TO STATION 18+00 UNTIL COMPLETION OF PROJECT.
 2. UPON COMPLETION OF STAGE IC, REMOVE PCC PAVEMENT AND CURB @ US RT 50 INTERSECTION (PLACED IN STAGE IA) CONSTRUCT CC&G AND MEDIAN SURFACE TO PRE STAGE 1A GEOMETRY. (SEE NEXT SHEET FOR GEOMETRIC DETAILS)
 3. STAGE IC WORK TO BE COMPLETED UNDER IL ROUTE 1 CLOSURE. SEE DETOUR PLAN AND DETOUR SIGNING PROVISION.
 4. PORTABLE TRAFFIC SIGNALS NOT ALLOWED FROM NOVEMBER 1 THROUGH MARCH 31 UNLESS THE SIGNALS ARE CONNECTED TO A DIRECT POWER SOURCE.
 5. ACCESS TO ALL ENTRANCES THROUGH THE WORK ZONE SHALL BE MAINTAINED AT ALL TIMES.
 6. TEMPORARY RUMBLE STRIPS SHALL NOT BE USED.
 7. WORK ZONE SPEED LIMIT SHALL BE 45 MPH.
 8. ANY ADDITIONAL SIGNAGE REQUIRED FOR STAGE IC OF CONSTRUCTION SHOWN ON PLANS SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM OF TRAFFIC CONTROL AND PROTECTION - STAGE 1.



FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN STAGE IC		F.A.P. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74180\Drawings\CAD\Sheets\0774180-sh1-staging-01.dwg		CHECKED -	REVISED -		SCALE: 1" = 50'	SHEET 20 OF 40 SHEETS	STA. TO STA.	332	(16BR1B-1)	Lawrence	167	55
Default		DATE -	REVISED -							CONTRACT NO. 74180		
		PLOT DATE = 8/5/2016								ILLINOIS FED. AID PROJECT		



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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

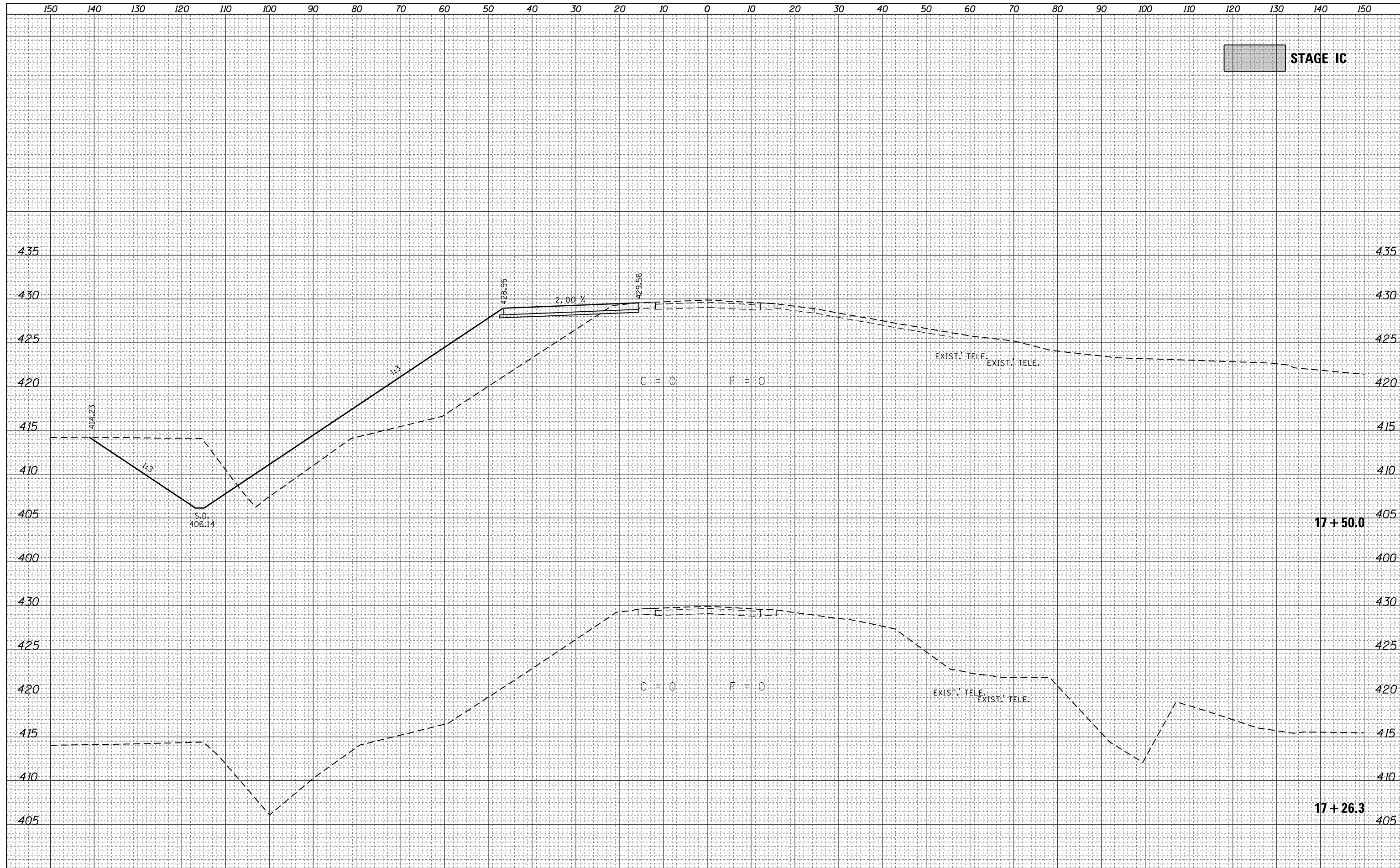
**TRAFFIC CONTROL PLAN
STAGE IC**

SCALE: 1" = 50' SHEET 21 OF 40 SHEETS STA. TO STA.

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	56
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

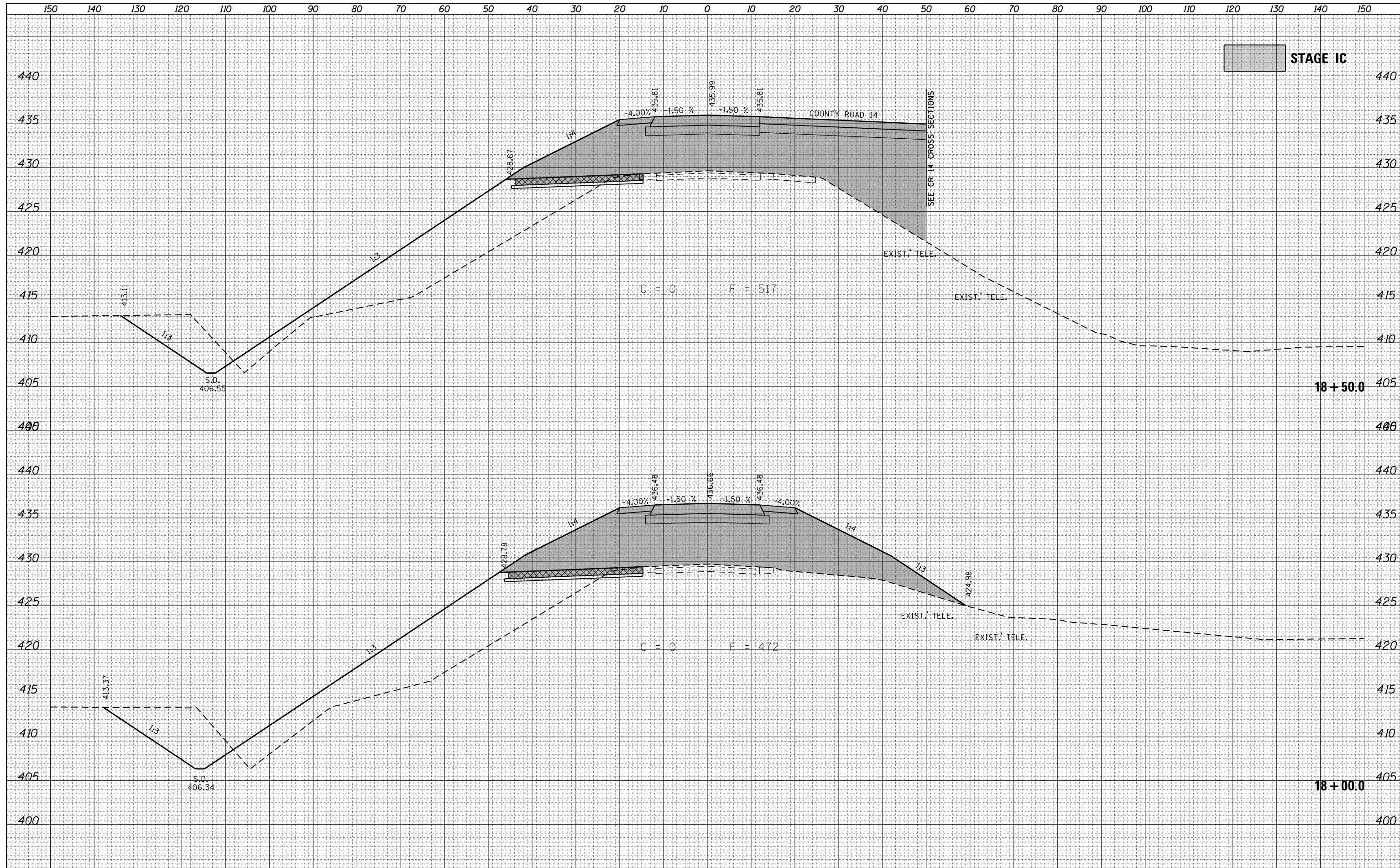
DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 1 - CROSS SECTIONS STAGE IC			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\11084EBIDINTEG\Projects\74180\CADD\Drawings\Drawings\74180-sht-staging-1C.dgn	DRAWN	REVISIED -	REVISIED -		332	(16BR)B-1	Lawrence	167	57			
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -	REVISIED -		CONTRACT NO. 74180							
Default	PLOT DATE = 8/5/2016	DATE -	REVISIED -		SCALE: 1" = 10'	SHEET 22	OF 40 SHEETS	STA. 17+26.3	TO STA. 17+50.0	ILLINOIS FED. AID PROJECT		

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FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISER -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

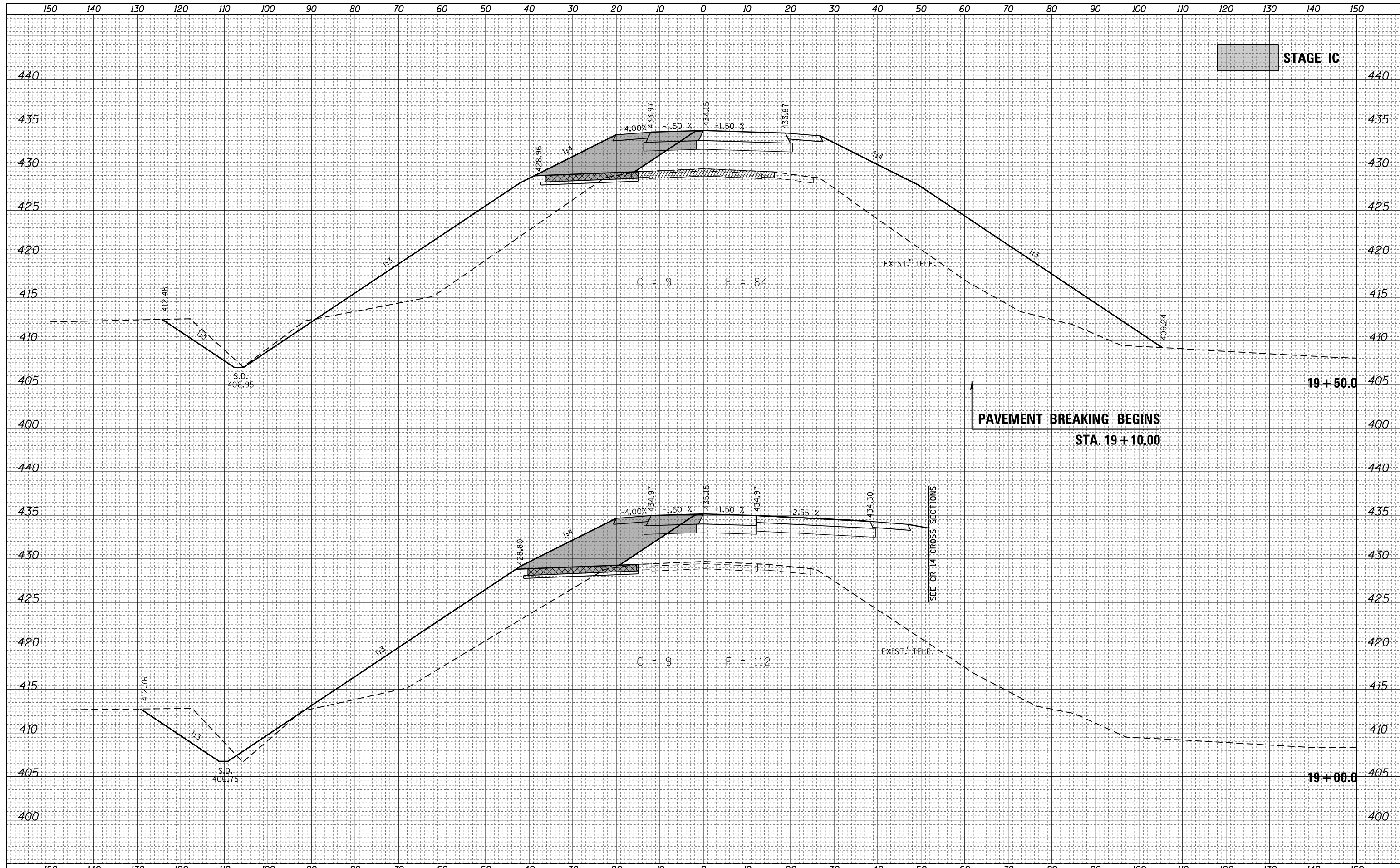
**ILLINOIS ROUTE 1 - CROSS SECTIONS
STAGE IC**

SCALE: 1" = 10' SHEET 23 OF 40 SHEETS STA. 18+00.0 TO STA. 18+50.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	58
		CONTRACT NO.	74180	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



STAGE IC

**PAVEMENT BREAKING BEGINS
STA. 19+10.00**

SEE CR 14 CROSS SECTIONS

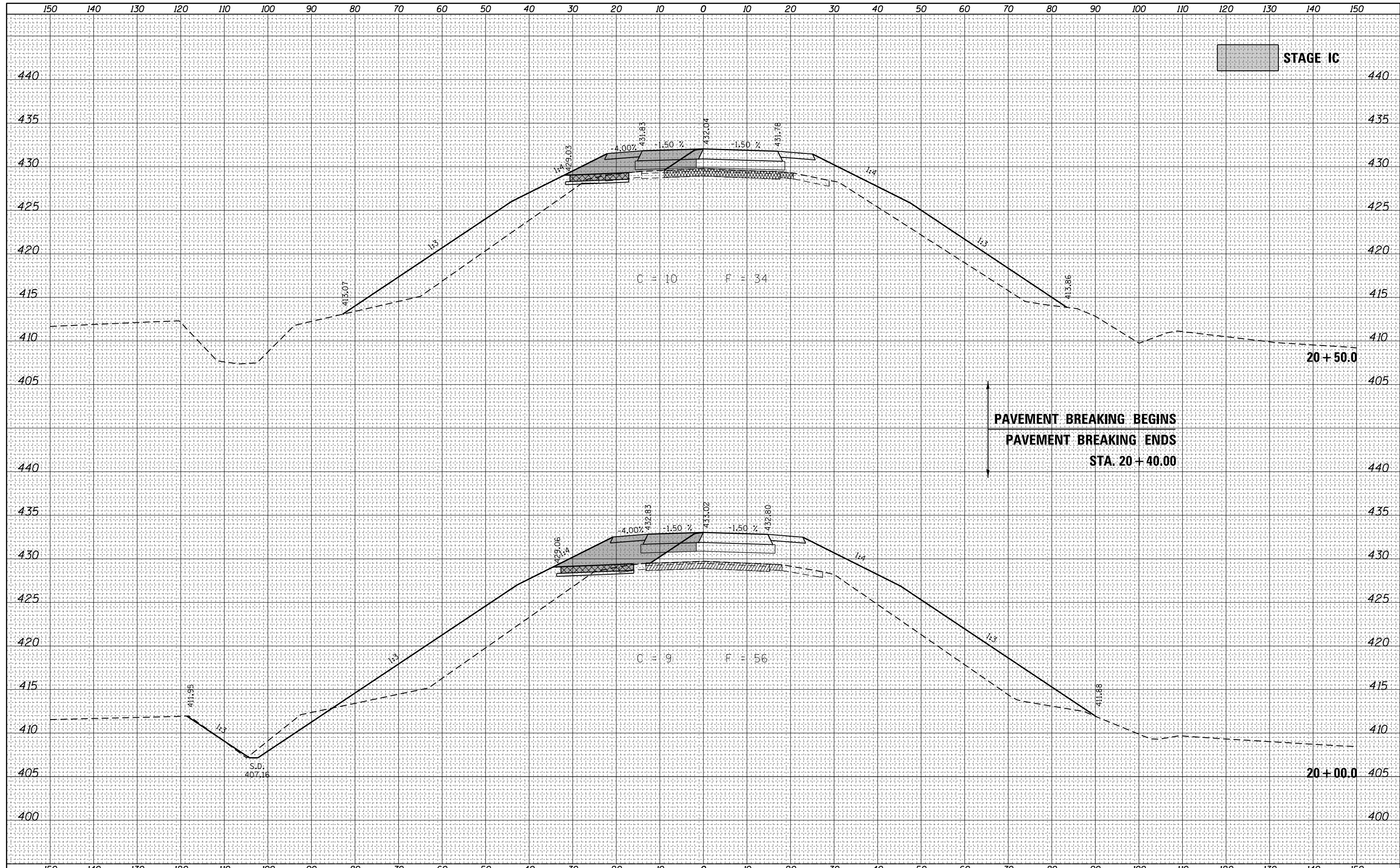
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Default	DOT Offices\District 7\Projects\74180\CADD\Drawings\Drawings\74180-sht-staging-1c.dgn	CR 14	REVISOR -	SCALE: 1" = 10'	CONTRACT NO. 74180	ILLINOIS FED. AID PROJECT		
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISOR -	SHEET 24	OF 40 SHEETS	STA. 19+00.0	TO STA. 19+50.0	
	PLOT DATE = 8/5/2016	DATE -	REVISOR -					

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 1 - CROSS SECTIONS
STAGE IC**

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TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	

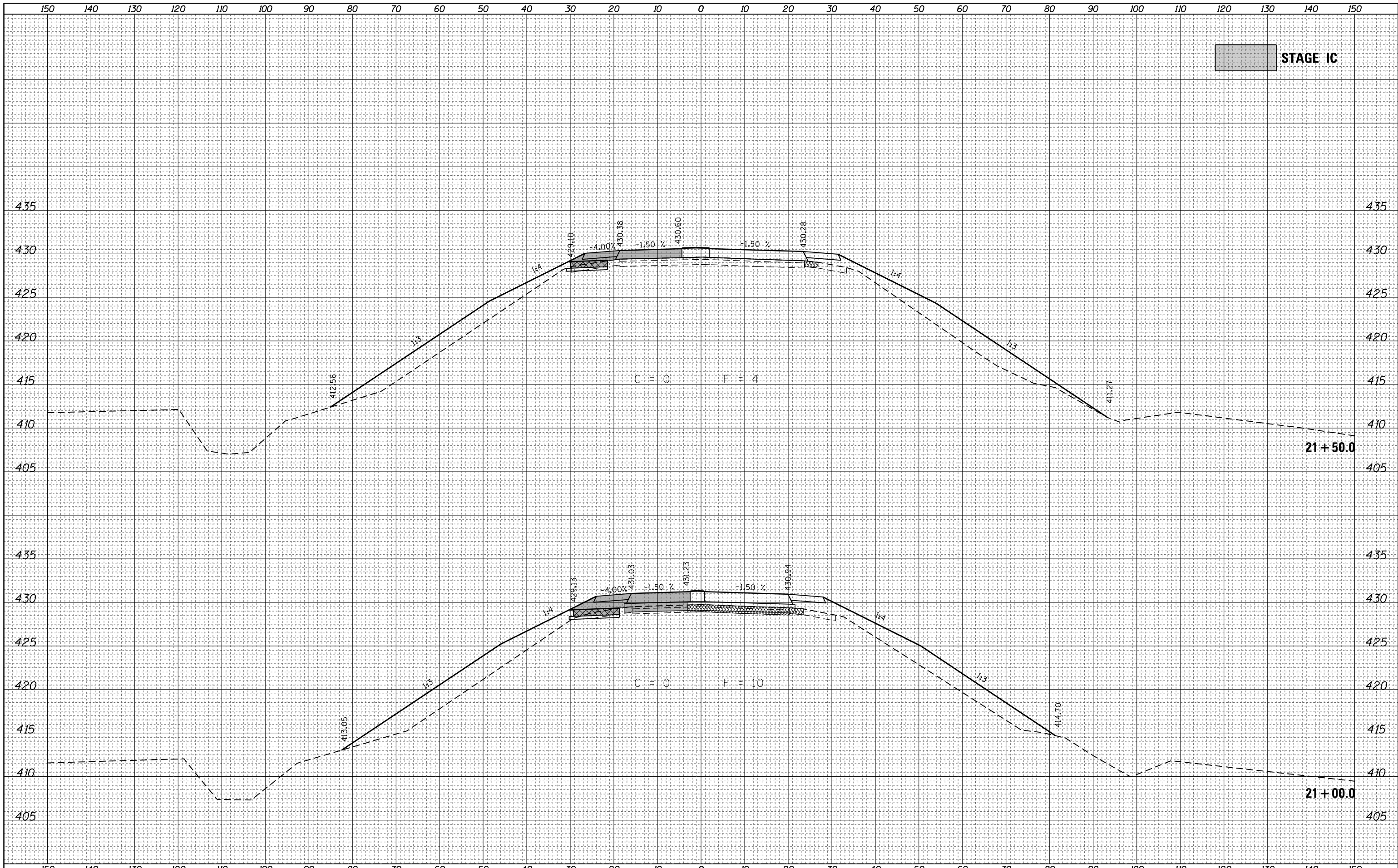
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ORIGINAL SURVEY NO.	



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 1 - CROSS SECTIONS STAGE IC			F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY Lawrence	TOTAL SHEETS 167	SHEET NO. 60
PROJECT =	PROJECT PATH =	DRAWN	REVISOR		SCALE: 1" = 10'	SHEET 25	OF 40 SHEETS	STA. 20+00.0	TO STA. 20+50.0	CONTRACT NO. 74180		
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 8/5/2016	DATE -	REVISOR -	REVISOR -									

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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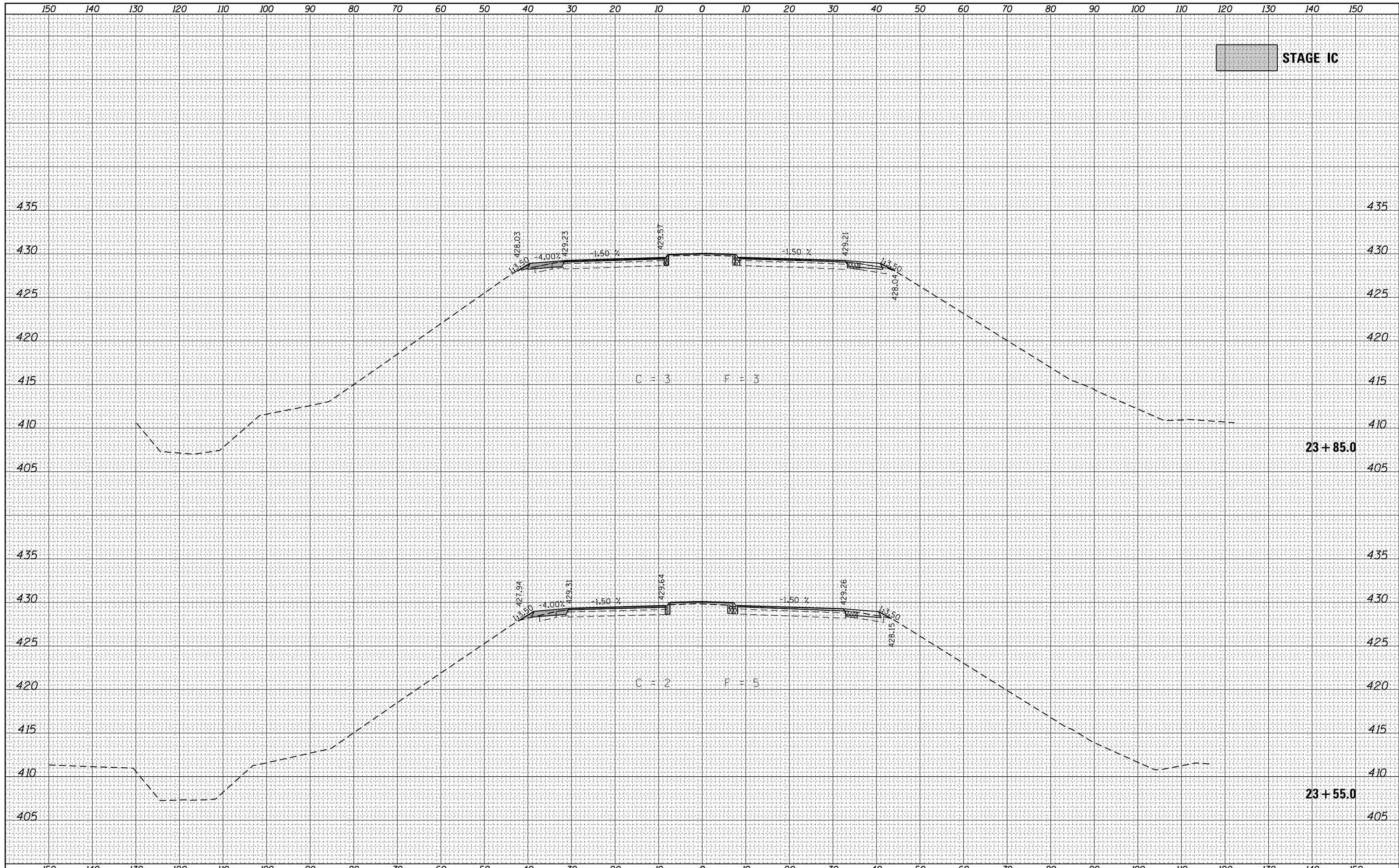
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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STAGE IC

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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STAGE IC

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

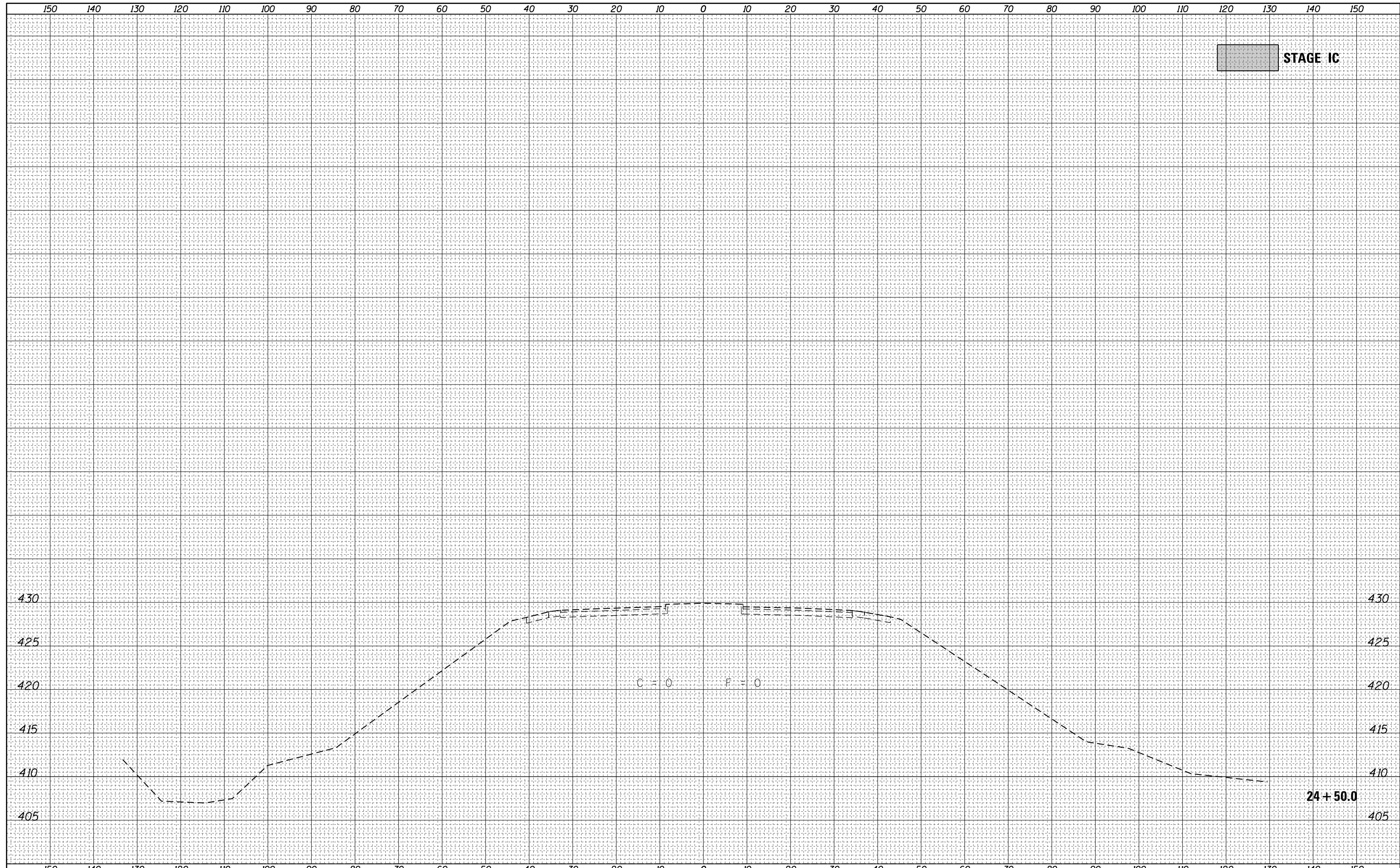
**ILLINOIS ROUTE 1 - CROSS SECTIONS
 STAGE IC**

SCALE: 1" = 10'
 SHEET 29 OF 40 SHEETS
 STA. 23+55.0 TO STA. 23+85.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	64
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

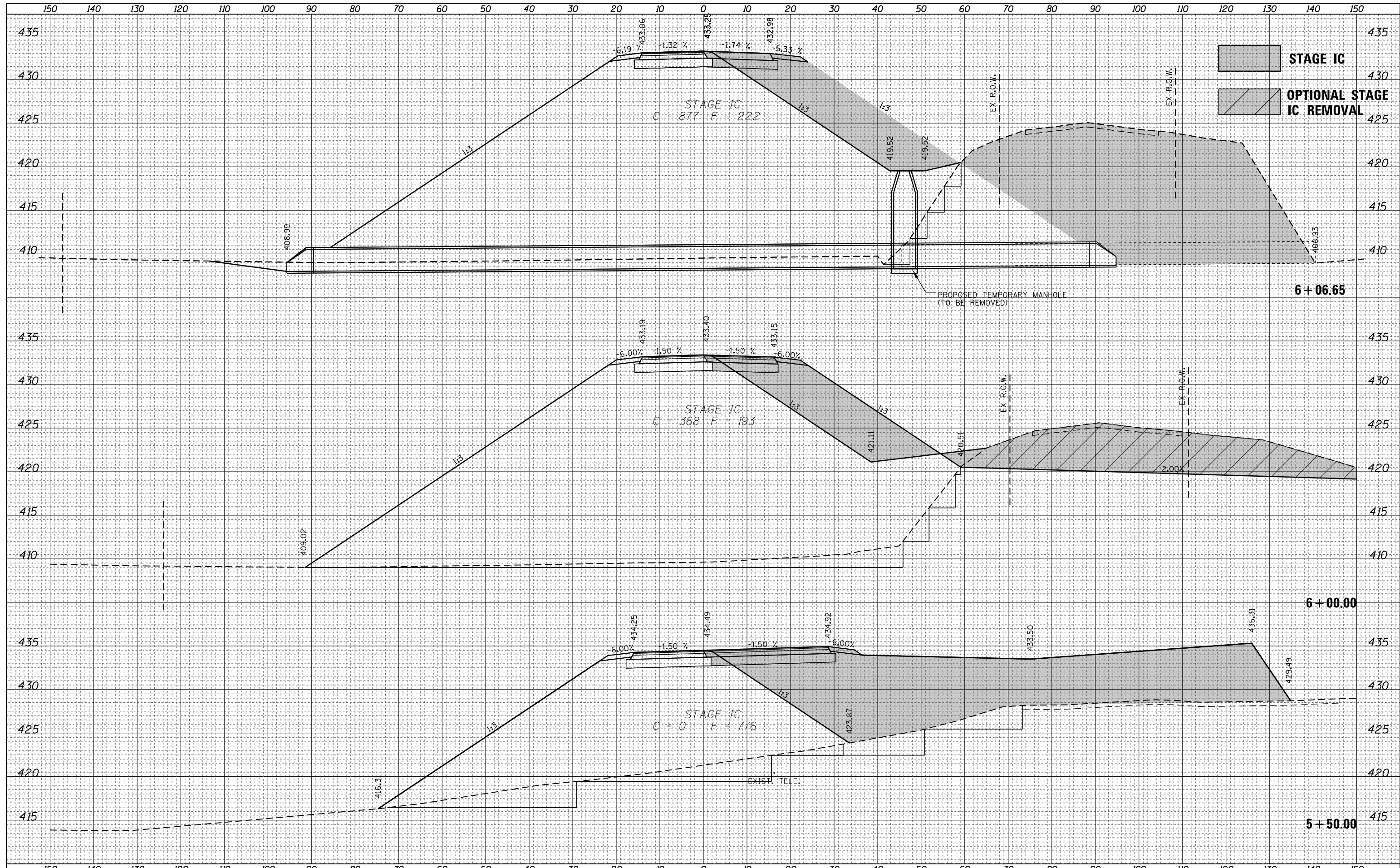
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME = D774180-sht-staging-030-034-IC-XSC-CR14.dgn

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

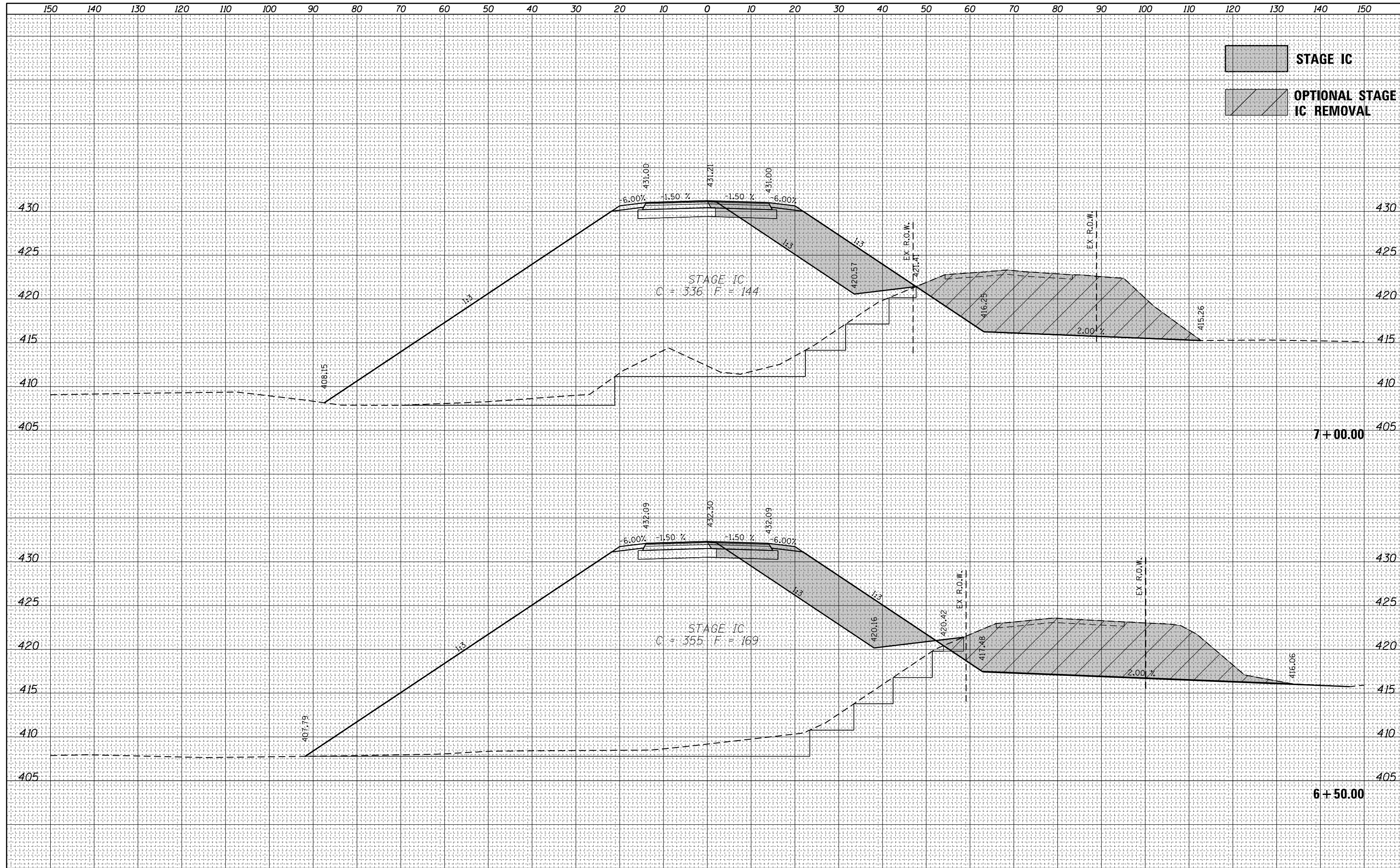
**COUNTY ROAD 14 - CROSS SECTIONS
STAGE IC**


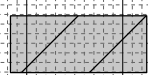
SCALE: 1" = 10' SHEET NO. 32 OF 40 SHEETS STA. 5+50.00 TO STA. 6+00.00

F.A.P. RTE. 332	SECTION (16BR1B-1)	COUNTY LAWRENCE	TOTAL SHEETS 167	SHEET NO. 67
CONTRACT NO. 74180				ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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 **STAGE IC**
 **OPTIONAL STAGE IC REMOVAL**

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PLOT DATE = 8/5/2016	DATE - 04-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COUNTY ROAD 14 - CROSS SECTIONS
STAGE IC**

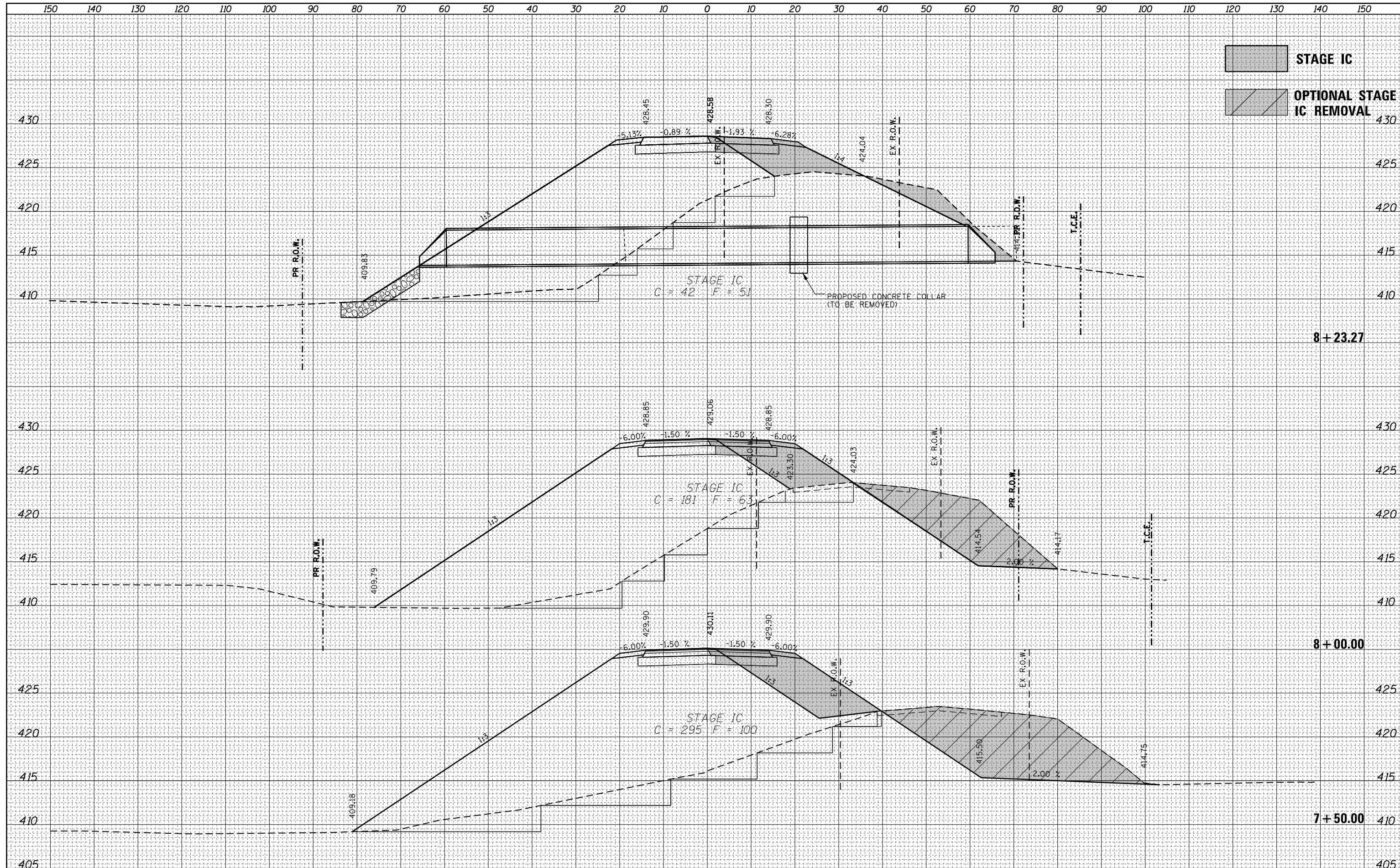
SCALE: 1" = 10' SHEET NO. 33 OF 40 SHEETS STA. 6+50.00 TO STA. 7+00.00

F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY LAWRENCE	TOTAL SHEETS 167	SHEET NO. 68
CONTRACT NO. 74180				

ILLINOIS FED. AID PROJECT

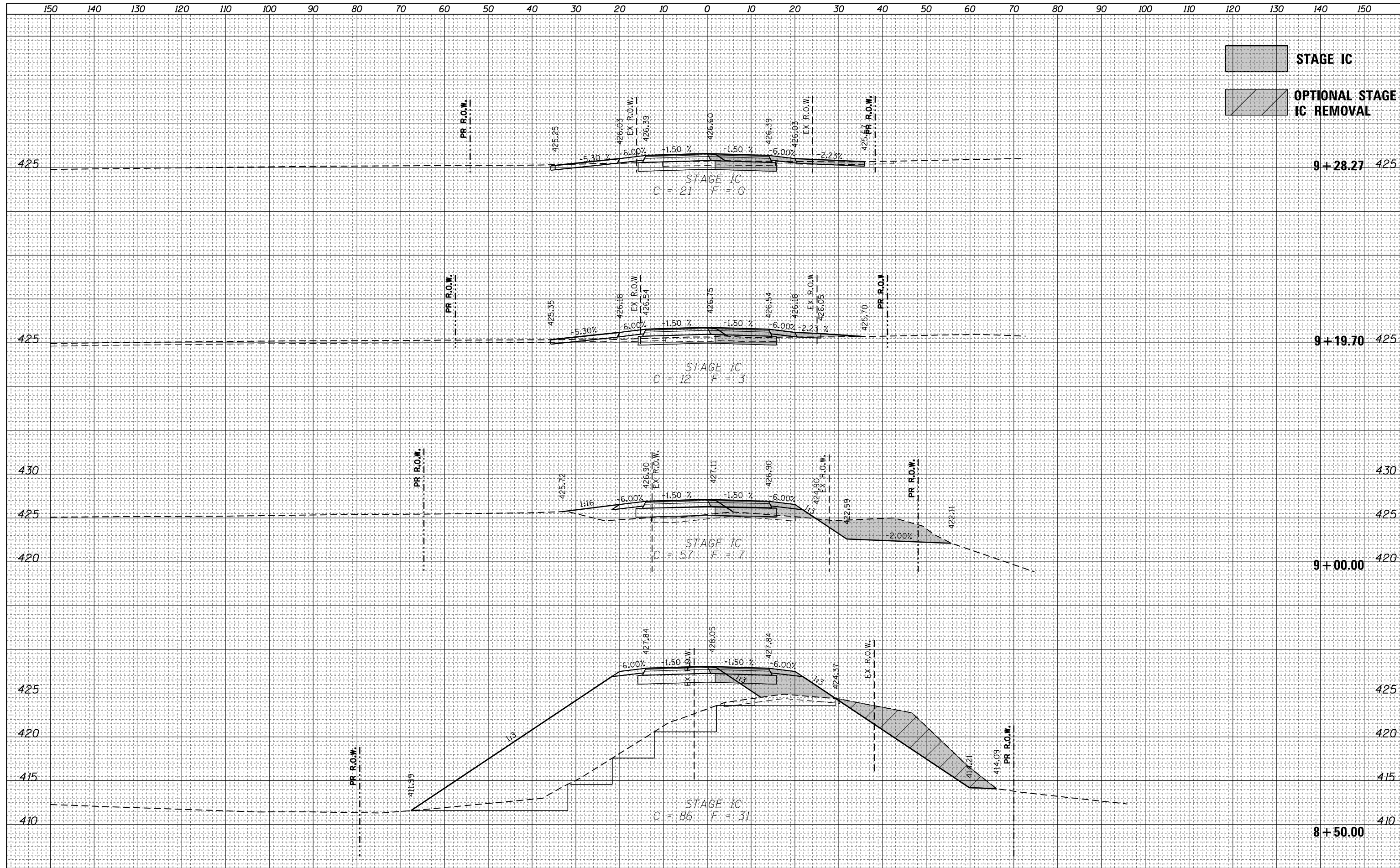
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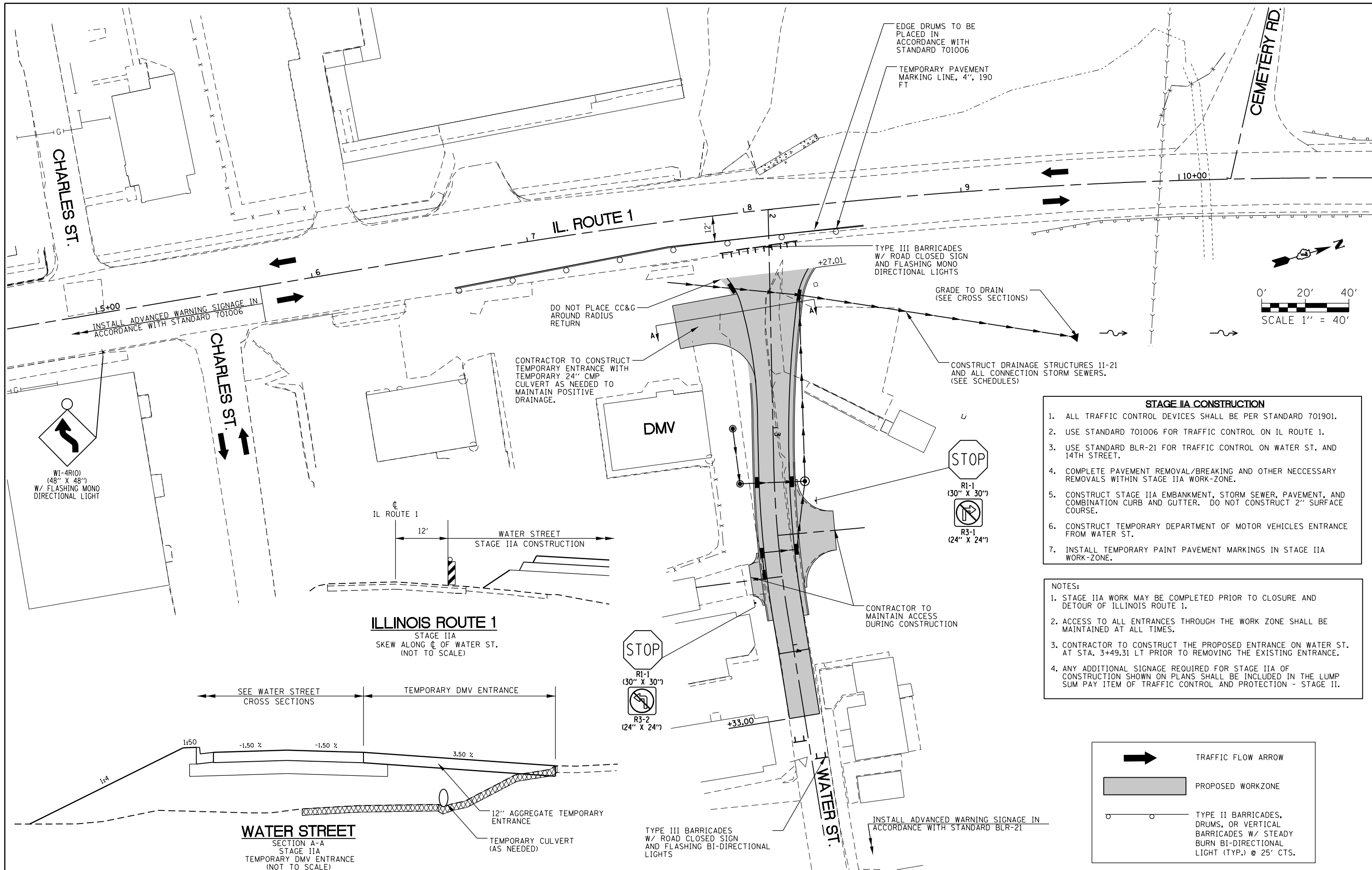
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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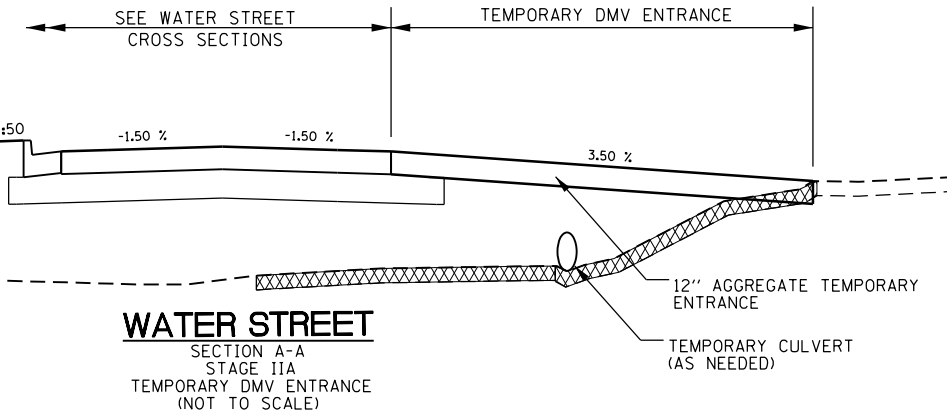
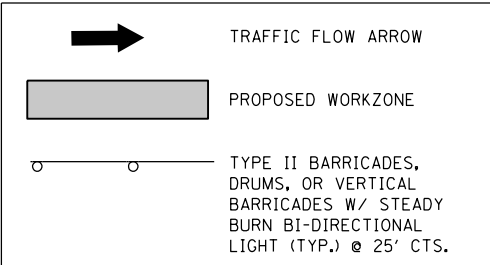
STAGE IC
 OPTIONAL STAGE IC REMOVAL

FILE NAME =	USER NAME = steffennik	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COUNTY ROAD 14 - CROSS SECTIONS	F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY LAWRENCE	TOTAL SHEETS 167	SHEET NO. 70
D774180-sht-staging-030-034-IC-XSC-CR14.dgn		DRAWN - JWS/KMO	REVISED -		STAGE IC	SCALE: 1" = 10'	SHEET NO. 35 OF 40 SHEETS	STA. 8+50.00	TO STA. 9+28.27	CONTRACT NO. 74180
		CHECKED - SJK	REVISED -							
		DATE - 04-2012	REVISED -							ILLINOIS FED. AID PROJECT



- STAGE IIA CONSTRUCTION**
1. ALL TRAFFIC CONTROL DEVICES SHALL BE PER STANDARD 701901.
 2. USE STANDARD 701006 FOR TRAFFIC CONTROL ON IL ROUTE 1.
 3. USE STANDARD BLR-21 FOR TRAFFIC CONTROL ON WATER ST. AND 14TH STREET.
 4. COMPLETE PAVEMENT REMOVAL/BREAKING AND OTHER NECESSARY REMOVALS WITHIN STAGE IIA WORK-ZONE.
 5. CONSTRUCT STAGE IIA EMBANKMENT, STORM SEWER, PAVEMENT, AND COMBINATION CURB AND GUTTER. DO NOT CONSTRUCT 2" SURFACE COURSE.
 6. CONSTRUCT TEMPORARY DEPARTMENT OF MOTOR VEHICLES ENTRANCE FROM WATER ST.
 7. INSTALL TEMPORARY PAINT PAVEMENT MARKINGS IN STAGE IIA WORK-ZONE.

- NOTES:**
1. STAGE IIA WORK MAY BE COMPLETED PRIOR TO CLOSURE AND DETOUR OF ILLINOIS ROUTE 1.
 2. ACCESS TO ALL ENTRANCES THROUGH THE WORK ZONE SHALL BE MAINTAINED AT ALL TIMES.
 3. CONTRACTOR TO CONSTRUCT THE PROPOSED ENTRANCE ON WATER ST. AT STA. 3+49.31 LT PRIOR TO REMOVING THE EXISTING ENTRANCE.
 4. ANY ADDITIONAL SIGNAGE REQUIRED FOR STAGE IIA OF CONSTRUCTION SHOWN ON PLANS SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM OF TRAFFIC CONTROL AND PROTECTION - STAGE II.



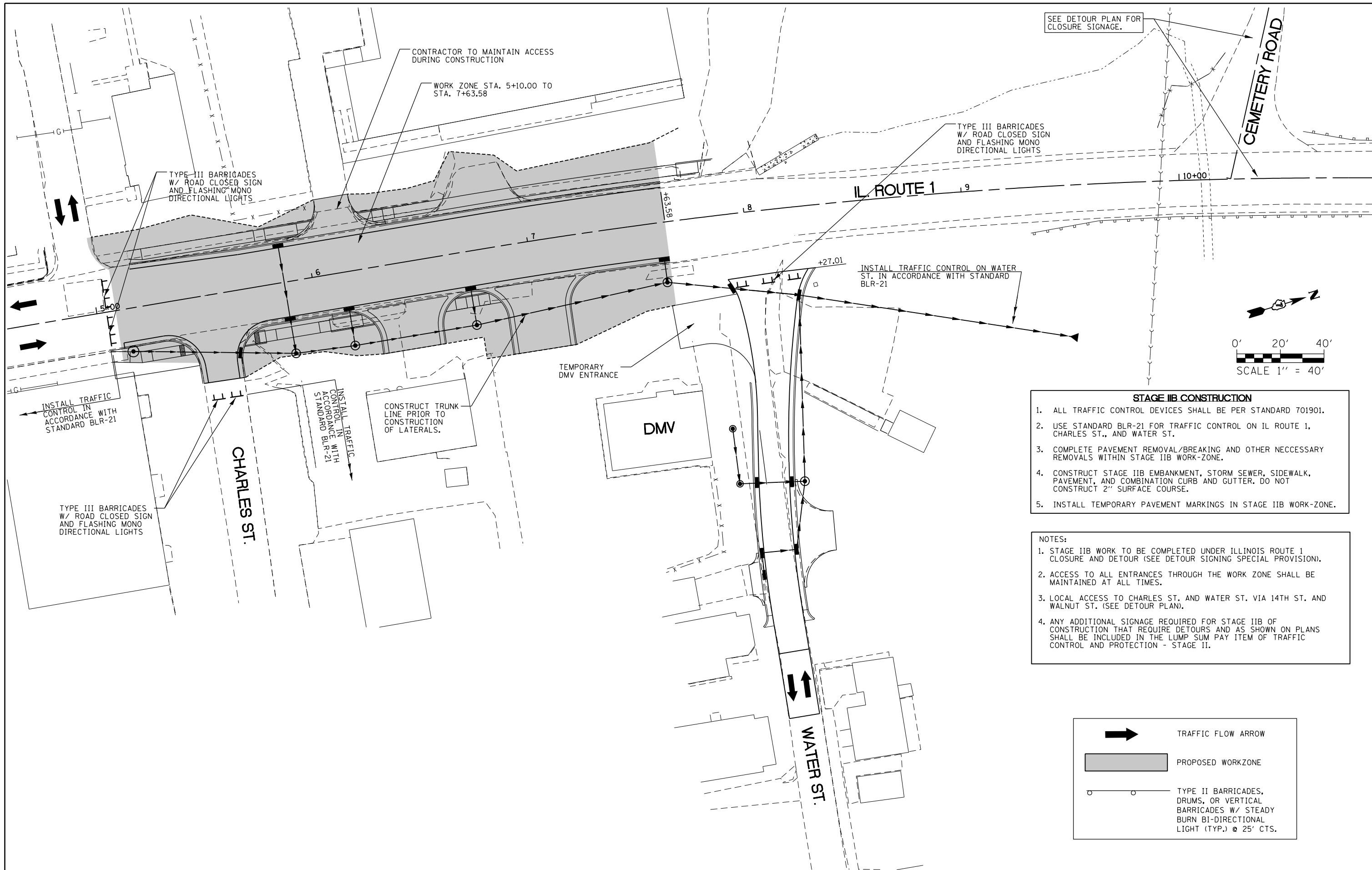
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE IIA**

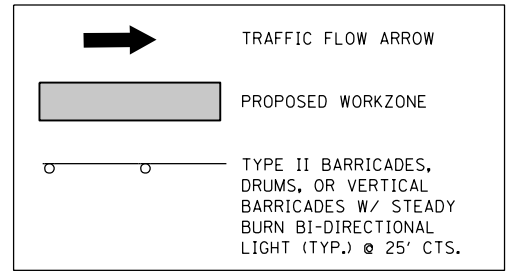
SCALE: 1" = 20' SHEET 37 OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR1B-1)	Lawrence	167	72
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



- STAGE IIB CONSTRUCTION**
1. ALL TRAFFIC CONTROL DEVICES SHALL BE PER STANDARD 701901.
 2. USE STANDARD BLR-21 FOR TRAFFIC CONTROL ON IL ROUTE 1, CHARLES ST., AND WATER ST.
 3. COMPLETE PAVEMENT REMOVAL/BREAKING AND OTHER NECESSARY REMOVALS WITHIN STAGE IIB WORK-ZONE.
 4. CONSTRUCT STAGE IIB EMBANKMENT, STORM SEWER, SIDEWALK, PAVEMENT, AND COMBINATION CURB AND GUTTER. DO NOT CONSTRUCT 2" SURFACE COURSE.
 5. INSTALL TEMPORARY PAVEMENT MARKINGS IN STAGE IIB WORK-ZONE.

- NOTES:**
1. STAGE IIB WORK TO BE COMPLETED UNDER ILLINOIS ROUTE 1 CLOSURE AND DETOUR (SEE DETOUR SIGNING SPECIAL PROVISION).
 2. ACCESS TO ALL ENTRANCES THROUGH THE WORK ZONE SHALL BE MAINTAINED AT ALL TIMES.
 3. LOCAL ACCESS TO CHARLES ST. AND WATER ST. VIA 14TH ST. AND WALNUT ST. (SEE DETOUR PLAN).
 4. ANY ADDITIONAL SIGNAGE REQUIRED FOR STAGE IIB OF CONSTRUCTION THAT REQUIRE DETOURS AND AS SHOWN ON PLANS SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM OF TRAFFIC CONTROL AND PROTECTION - STAGE II.



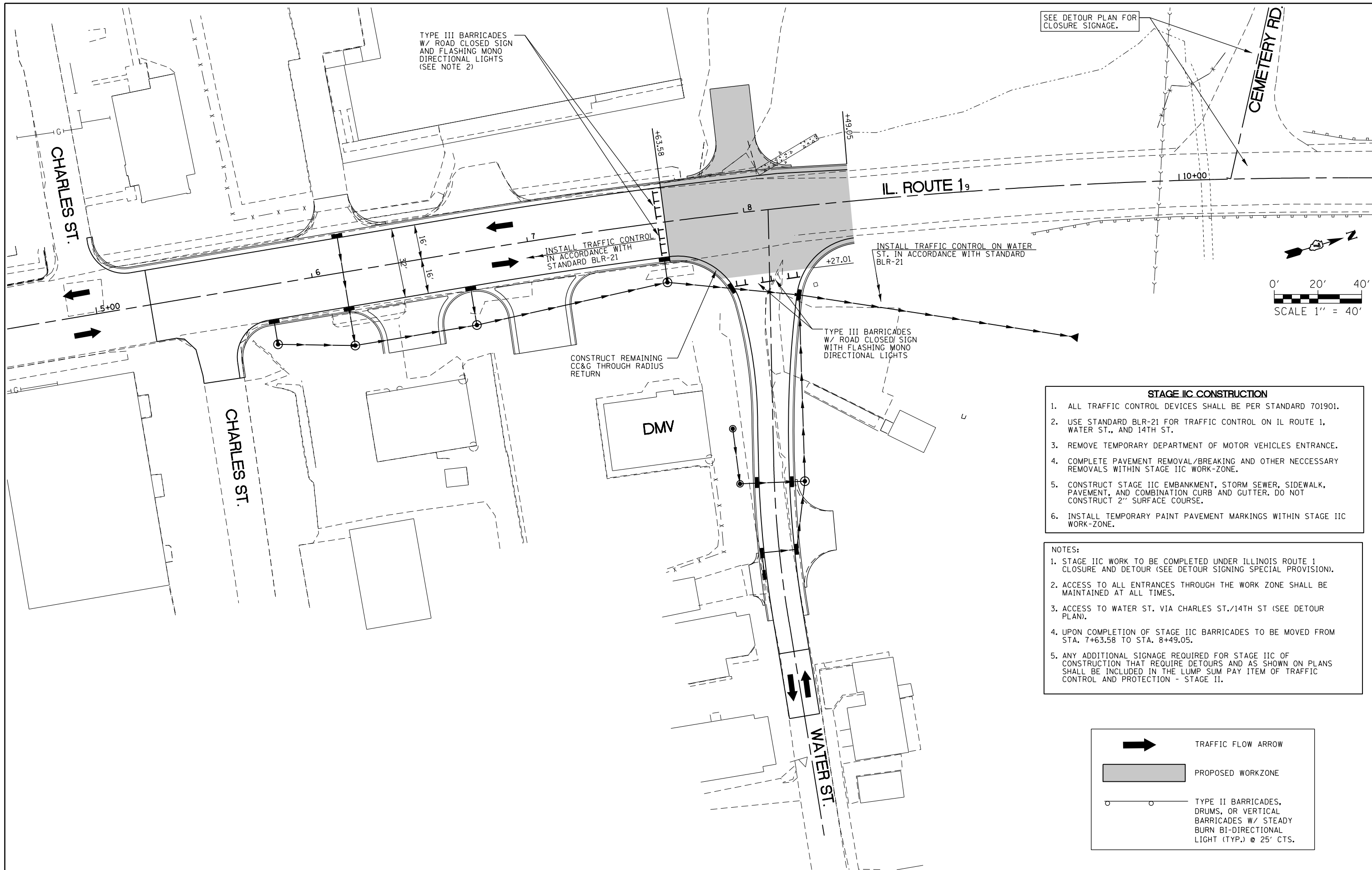
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE IIB**

SCALE: 1" = 20' SHEET 38 OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	73
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



SEE DETOUR PLAN FOR CLOSURE SIGNAGE.

TYPE III BARRICADES W/ ROAD CLOSED SIGN AND FLASHING MONO DIRECTIONAL LIGHTS (SEE NOTE 2)

INSTALL TRAFFIC CONTROL IN ACCORDANCE WITH STANDARD BLR-21

INSTALL TRAFFIC CONTROL ON WATER ST. IN ACCORDANCE WITH STANDARD BLR-21

CONSTRUCT REMAINING CC&G THROUGH RADIUS RETURN

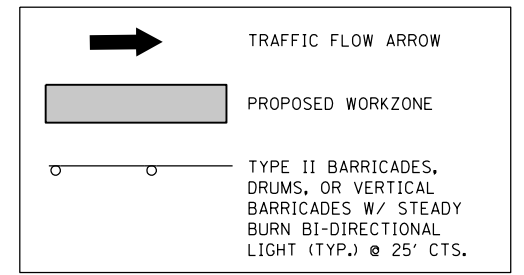
TYPE III BARRICADES W/ ROAD CLOSED SIGN WITH FLASHING MONO DIRECTIONAL LIGHTS

STAGE IIC CONSTRUCTION

1. ALL TRAFFIC CONTROL DEVICES SHALL BE PER STANDARD 701901.
2. USE STANDARD BLR-21 FOR TRAFFIC CONTROL ON IL ROUTE 1, WATER ST., AND 14TH ST.
3. REMOVE TEMPORARY DEPARTMENT OF MOTOR VEHICLES ENTRANCE.
4. COMPLETE PAVEMENT REMOVAL/BREAKING AND OTHER NECESSARY REMOVALS WITHIN STAGE IIC WORK-ZONE.
5. CONSTRUCT STAGE IIC EMBANKMENT, STORM SEWER, SIDEWALK, PAVEMENT, AND COMBINATION CURB AND GUTTER. DO NOT CONSTRUCT 2" SURFACE COURSE.
6. INSTALL TEMPORARY PAINT PAVEMENT MARKINGS WITHIN STAGE IIC WORK-ZONE.

NOTES:

1. STAGE IIC WORK TO BE COMPLETED UNDER ILLINOIS ROUTE 1 CLOSURE AND DETOUR (SEE DETOUR SIGNING SPECIAL PROVISION).
2. ACCESS TO ALL ENTRANCES THROUGH THE WORK ZONE SHALL BE MAINTAINED AT ALL TIMES.
3. ACCESS TO WATER ST. VIA CHARLES ST./14TH ST (SEE DETOUR PLAN).
4. UPON COMPLETION OF STAGE IIC BARRICADES TO BE MOVED FROM STA. 7+63.58 TO STA. 8+49.05.
5. ANY ADDITIONAL SIGNAGE REQUIRED FOR STAGE IIC OF CONSTRUCTION THAT REQUIRE DETOURS AND AS SHOWN ON PLANS SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM OF TRAFFIC CONTROL AND PROTECTION - STAGE II.



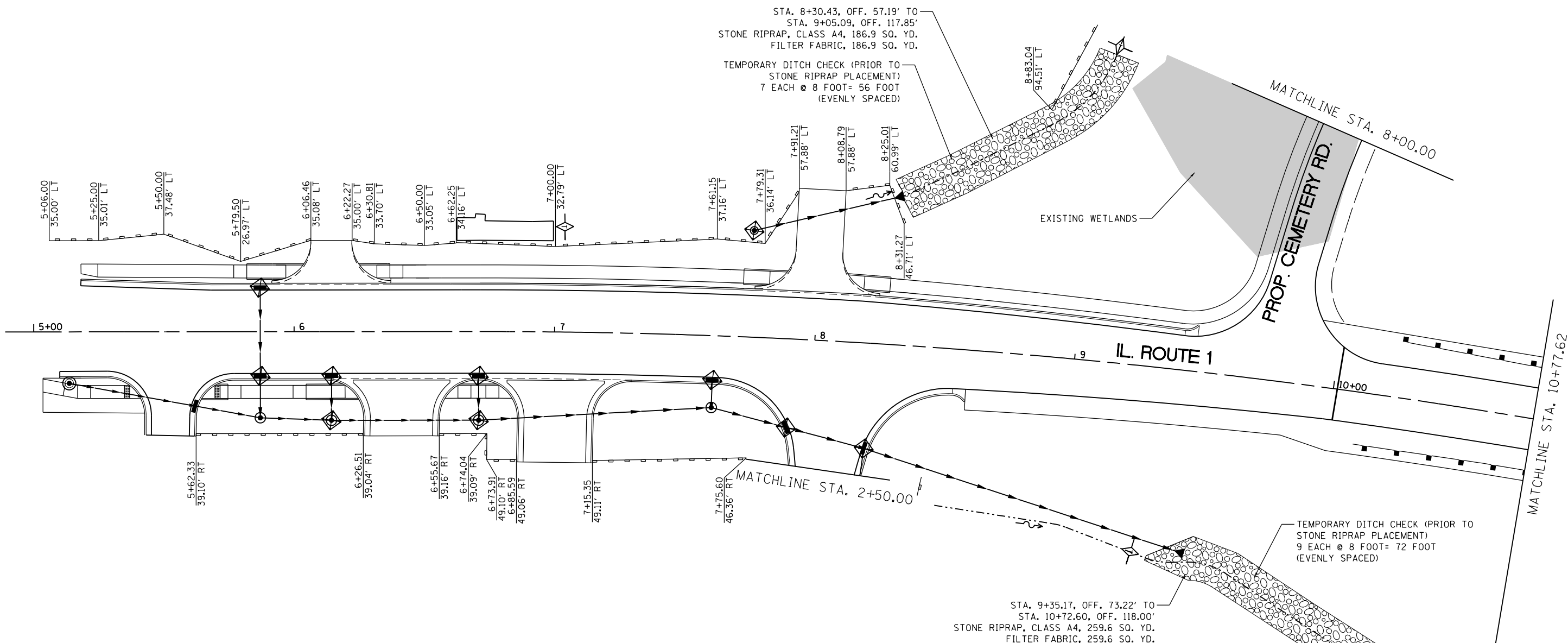
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






**TRAFFIC CONTROL PLAN
STAGE IIC**

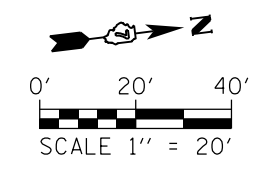
SCALE: 1" = 20' SHEET 39 OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	74
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  PROPOSED RIPRAP
-  EXISTING WETLANDS



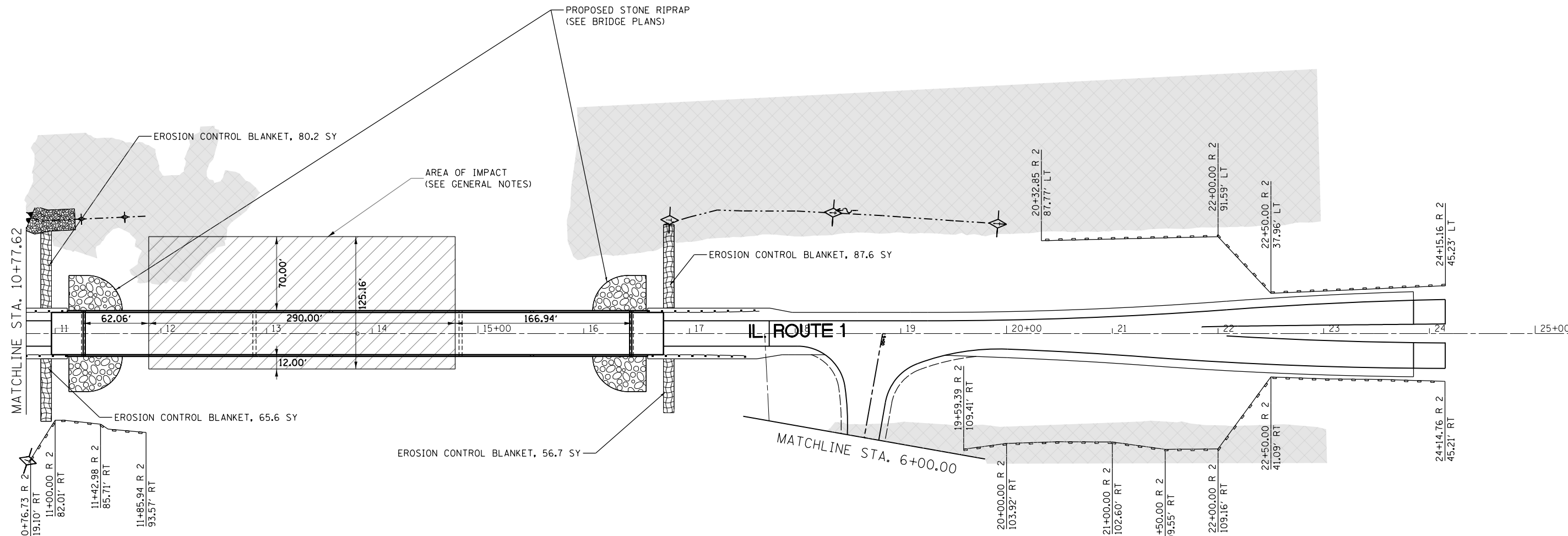
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL
ILLINOIS ROUTE 1**


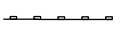





SCALE: 1" = 20' SHEET 1 OF 5 SHEETS STA. 5+00 TO STA. 10+77.62

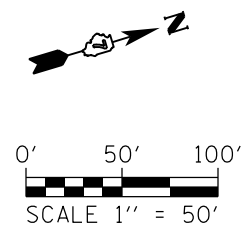
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	76
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



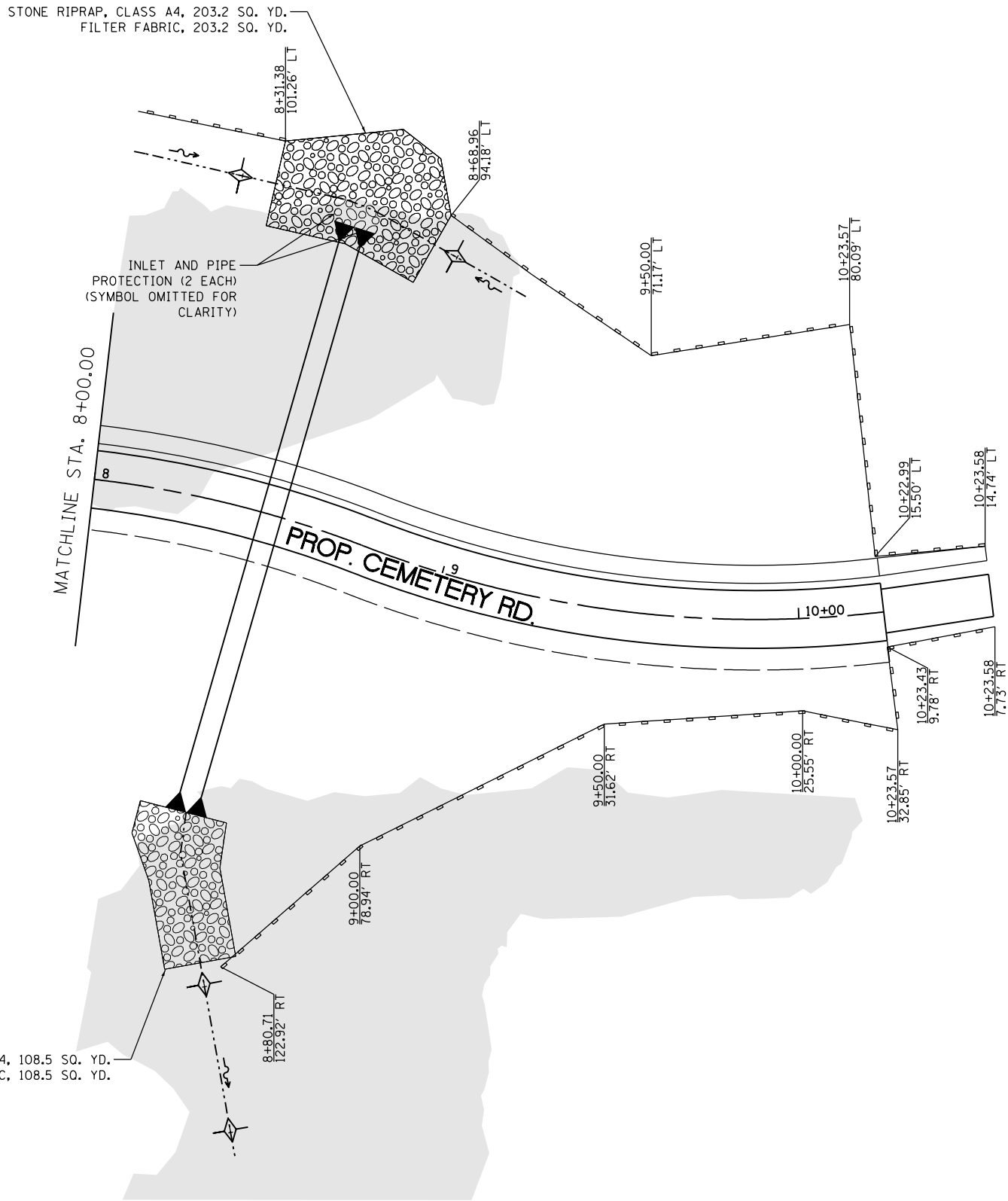
NOTE:
 EROSION CONTROL BLANKET TO BE PLACED ON
 EMBANKMENT SIDE SLOPE (LT AND RT) AT THE END OF
 THE NORTH AND SOUTH APPROACH PAVEMENTS.

LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  PROPOSED RIPRAP - SEE BRIDGE PLANS
-  EROSION CONTROL BLANKET
-  EXISTING WETLANDS
-  AREA OF IMPACT



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL ILLINOIS ROUTE 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74180\Drawings\CAD\Sheets\0774180-sht-erosn-002		CHECKED -	REVISED -		332	(16BR)B-1	Lawrence	167	77			
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/20/2017				SCALE: 1" = 50'	SHEET 2 OF 5 SHEETS	STA. 10+77.62 TO STA. 25+00					



STONE RIPRAP, CLASS A4, 108.5 SQ. YD.
 FILTER FABRIC, 108.5 SQ. YD.






STONE RIPRAP, CLASS A4, 203.2 SQ. YD.
 FILTER FABRIC, 203.2 SQ. YD.

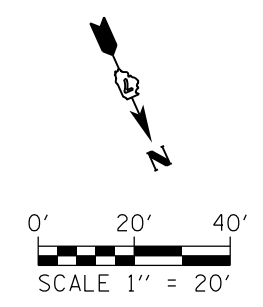
INLET AND PIPE
 PROTECTION (2 EACH)
 (SYMBOL OMITTED FOR
 CLARITY)

MATCHLINE STA. 8+00.00

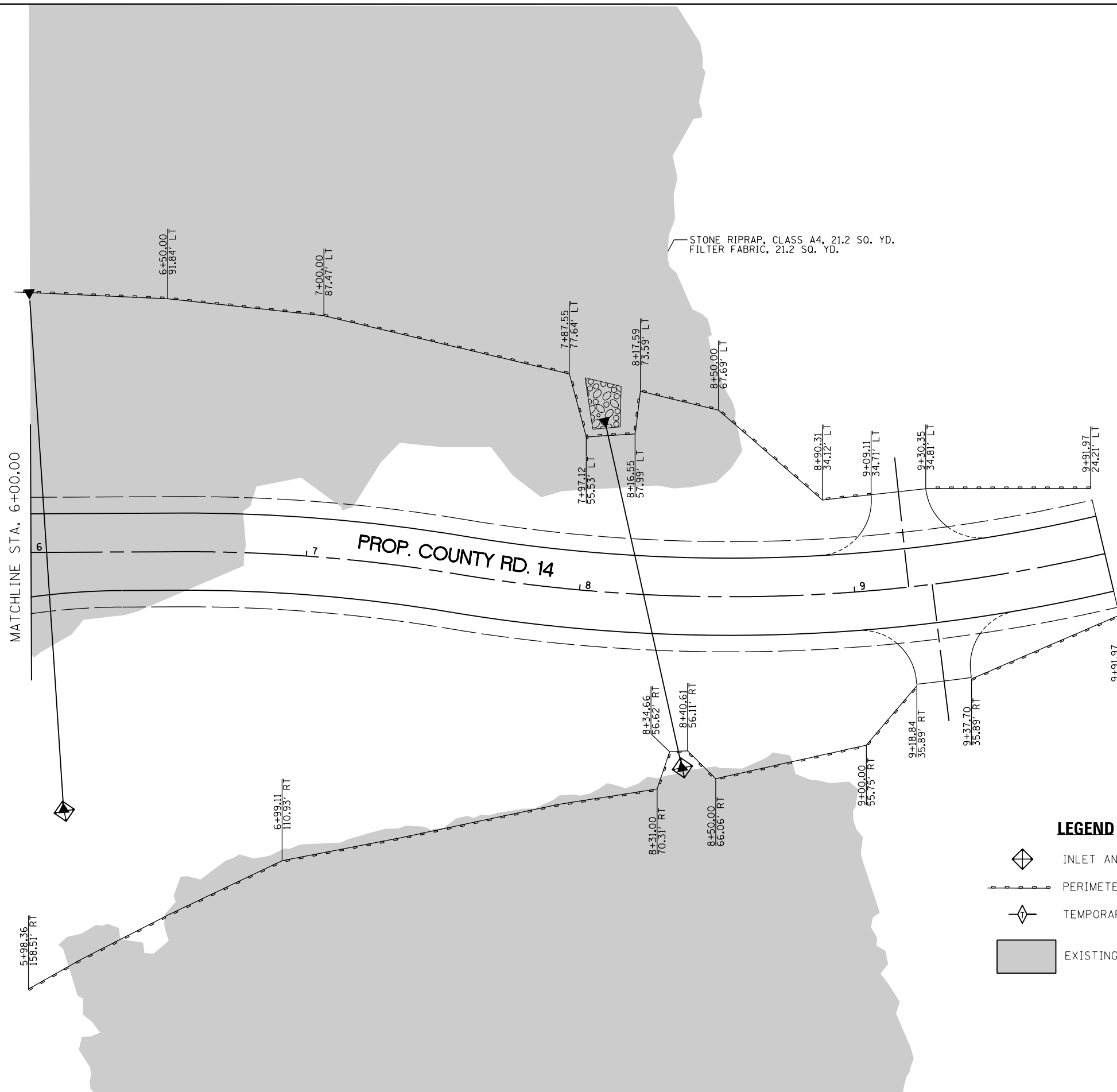
PROP. CEMETERY RD.

LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  PROPOSED RIPRAP
-  EXISTING WETLANDS



FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74180\DRAWINGS\CADsheets\0774180-shr-erosn-004	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL CEMETERY ROAD			F.A.P. RTE. = 332	SECTION = (16BR)B-1	COUNTY = Lawrence	TOTAL SHEETS = 167	SHEET NO. = 79
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 74180				
Default	PLOT DATE = 8/5/2016	DATE -	REVISED -	SCALE: 1" = 20' SHEET 4 OF 5 SHEETS STA. 8+00 TO STA. 10+23.58			ILLINOIS FED. AID PROJECT					







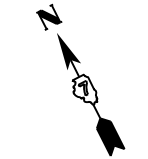
STONE RIPRAP, CLASS A4, 21.2 SQ. YD.
 FILTER FABRIC, 21.2 SQ. YD.

MATCHLINE STA. 6+00.00

PROP. COUNTY RD. 14

LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  EXISTING WETLANDS



FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 7\Projects\74180\DRAWING\CADsheets\0774180-shr-erosn-005	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL COUNTY ROAD 14			F.A.P. RTE. 332	SECTION (16BR)B-1	COUNTY Lawrence	TOTAL SHEETS 167	SHEET NO. 80
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET 5 OF 5 SHEETS	STA. 6+00 TO STA. 9+91.97	CONTRACT NO. 74180		ILLINOIS FED. AID PROJECT		
Default	PLOT DATE = 8/5/2016	DATE -	REVISED -									

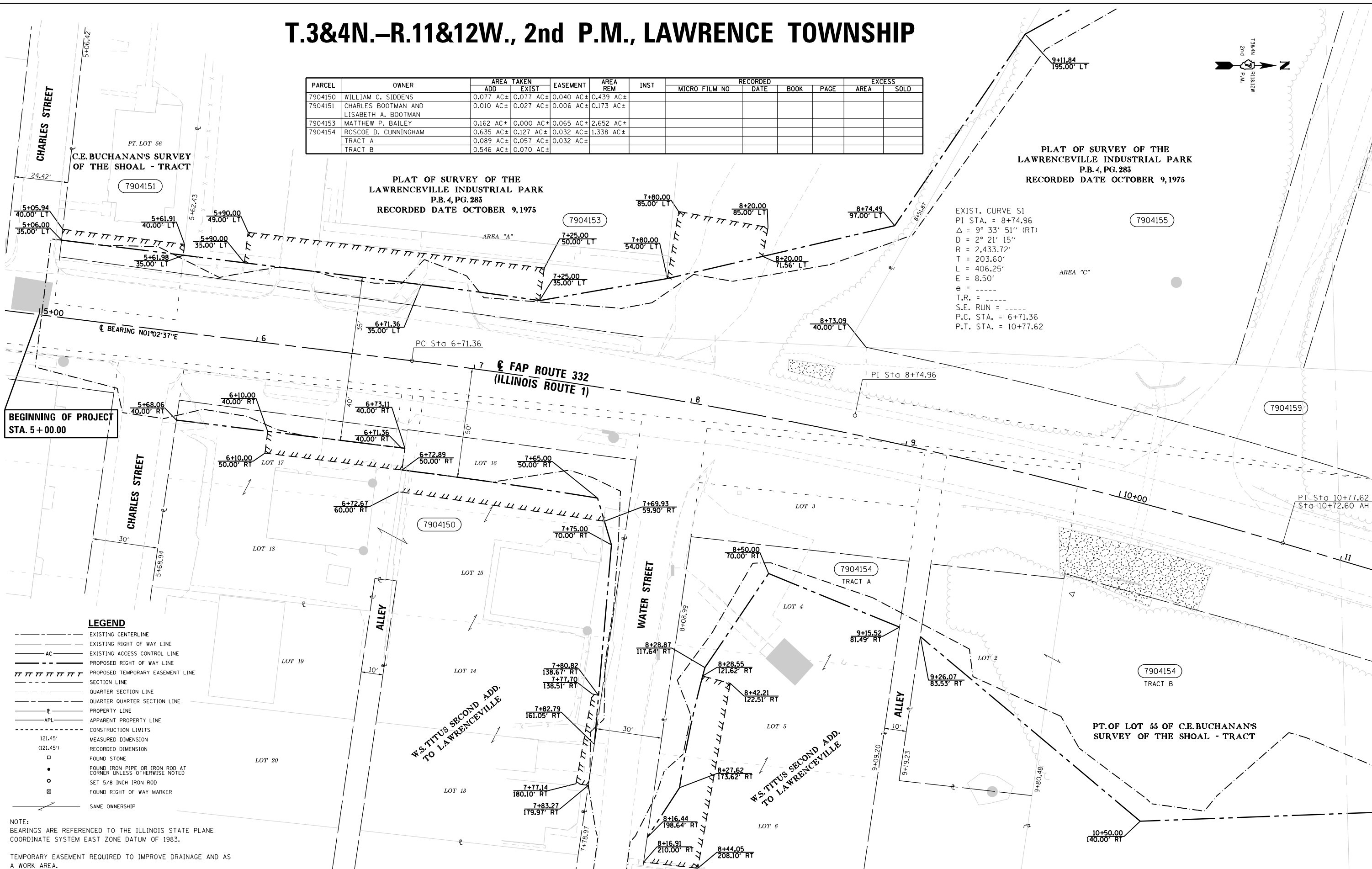
T.3&4N.-R.11&12W., 2nd P.M., LAWRENCE TOWNSHIP

PARCEL	OWNER	AREA TAKEN		EASEMENT	AREA REM	INST	RECORDED				EXCESS	
		ADD	EXIST				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD
7904150	WILLIAM C. SIDDENS	0.077 AC±	0.077 AC±	0.040 AC±	0.439 AC±							
7904151	CHARLES BOOTMAN AND LISABETH A. BOOTMAN	0.010 AC±	0.027 AC±	0.006 AC±	0.173 AC±							
7904153	MATTHEW P. BAILEY	0.162 AC±	0.000 AC±	0.065 AC±	2.652 AC±							
7904154	ROSCOE D. CUNNINGHAM	0.635 AC±	0.127 AC±	0.032 AC±	1.338 AC±							
	TRACT A	0.089 AC±	0.057 AC±	0.032 AC±								
	TRACT B	0.546 AC±	0.070 AC±									

PLAT OF SURVEY OF THE
LAWRENCEVILLE INDUSTRIAL PARK
P.B. 4, PG. 283
RECORDED DATE OCTOBER 9, 1975

PLAT OF SURVEY OF THE
LAWRENCEVILLE INDUSTRIAL PARK
P.B. 4, PG. 283
RECORDED DATE OCTOBER 9, 1975

EXIST. CURVE S1
PI STA. = 8+74.96
Δ = 9° 33' 51" (RT)
D = 2° 21' 15"
R = 2,433.72'
T = 203.60'
L = 406.25'
E = 8.50'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 6+71.36
P.T. STA. = 10+77.62



BEGINNING OF PROJECT
STA. 5+00.00

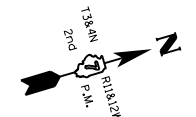
LEGEND

- EXISTING CENTERLINE
- AC EXISTING RIGHT OF WAY LINE
- EXISTING ACCESS CONTROL LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE
- APL APPARENT PROPERTY LINE
- CONSTRUCTION LIMITS
- 121.45' MEASURED DIMENSION
- (121.45') RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD
- ⊗ FOUND RIGHT OF WAY MARKER
- ← SAME OWNERSHIP

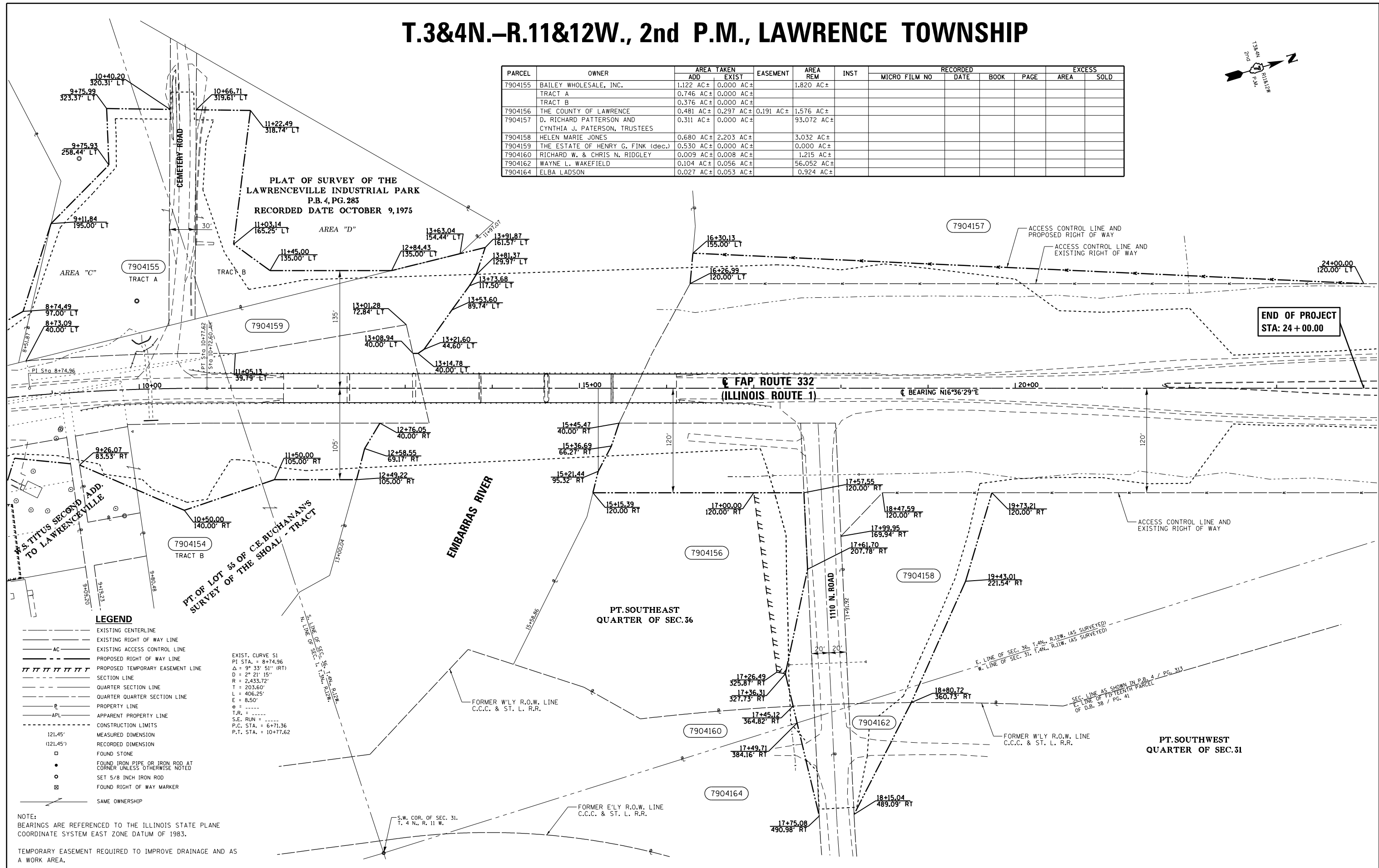
NOTE:
BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE
COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
TEMPORARY EASEMENT REQUIRED TO IMPROVE DRAINAGE AND AS
A WORK AREA.

FILE NAME: D774180-sht-rowplan2.dgn	USER NAME = steffennk	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS			F.A.P. R.E. 332	SECTION (16BR) B-1	COUNTY Lawrence	TOTAL SHEETS 167	SHEET NO. 81
	PLOT SCALE = 40.0000' / in.	CHECKED - JRL	REVISED -		PROJECT * SHEET NO. 1 OF 2 SHEETS	JOB NO. R-97-004-09	STA. 5+00 TO STA. 11+00	CONTRACT NO. 74180				
	PLOT DATE = 8/5/2016	DATE - 02/07/11	REVISED -		SCALE: 1" = 20'	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

T.3&4N.-R.11&12W., 2nd P.M., LAWRENCE TOWNSHIP



PARCEL	OWNER	AREA TAKEN		EASEMENT	AREA REM	INST	RECORDED				EXCESS		
		ADD	EXIST				MICRO FILM NO	DATE	BOOK	PAGE	AREA	SOLD	
7904155	BAILEY WHOLESAL, INC.	1.122 AC±	0.000 AC±		1.820 AC±								
	TRACT A	0.746 AC±	0.000 AC±										
	TRACT B	0.376 AC±	0.000 AC±										
7904156	THE COUNTY OF LAWRENCE	0.481 AC±	0.297 AC±	0.191 AC±	1.576 AC±								
7904157	D. RICHARD PATTERSON AND CYNTHIA J. PATERSON, TRUSTEES	0.311 AC±	0.000 AC±		93.072 AC±								
7904158	HELEN MARIE JONES	0.680 AC±	2.203 AC±		3.032 AC±								
7904159	THE ESTATE OF HENRY G. FINK (dec.)	0.530 AC±	0.000 AC±		0.000 AC±								
7904160	RICHARD W. & CHRIS N. RIDGLEY	0.009 AC±	0.008 AC±		1.215 AC±								
7904162	WAYNE L. WAKEFIELD	0.104 AC±	0.056 AC±		56.052 AC±								
7904164	ELBA LADSON	0.027 AC±	0.053 AC±		0.924 AC±								



- LEGEND**
- EXISTING CENTERLINE
 - AC EXISTING RIGHT OF WAY LINE
 - EXISTING ACCESS CONTROL LINE
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED TEMPORARY EASEMENT LINE
 - SECTION LINE
 - QUARTER SECTION LINE
 - QUARTER QUARTER SECTION LINE
 - PROPERTY LINE
 - APL APPARENT PROPERTY LINE
 - CONSTRUCTION LIMITS
 - 121.45' MEASURED DIMENSION
 - (121.45') RECORDED DIMENSION
 - FOUND STONE
 - FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
 - SET 5/8 INCH IRON ROD
 - ⊠ FOUND RIGHT OF WAY MARKER
 - SAME OWNERSHIP

EXIST. CURVE S1
 PI STA. = 8+74.96
 Δ = 9° 33' 51" (RT)
 D = 27' 21" 15"
 R = 2,433.72'
 T = 203.60'
 L = 406.25'
 E = 8.50'
 φ = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 6+71.36
 P.T. STA. = 10+77.62

NOTE:
 BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.
 TEMPORARY EASEMENT REQUIRED TO IMPROVE DRAINAGE AND AS A WORK AREA.

FILE NAME = D774180-shr-rowplan3.dgn	USER NAME = steffennk	DESIGNED - JWS	REVISED -
		DRAWN - AMJ	REVISED -
		CHECKED - JRL	REVISED -
		DATE - 02/07/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLANS	
PROJECT #	JOB NO. R-97-004-09
SHEET NO. 2 OF 2 SHEETS	STA. 11+00 TO STA. 24+00
SCALE: 1" = 50'	

F.A.P. RTE. 332	SECTION (16BR) B-1	COUNTY LAWRENCE	TOTAL SHEETS 167	SHEET NO. 82
CONTRACT NO. 74180				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PORCH

CHARLES ST.

CLASS D PATCHES,
TYPE II, 10 INCH,
14.2 SY

IL. ROUTE 1

15+00

STA. 5+76.87
OFF. 16.00' RT
ELEV. 439.82'

RADIUS POINT
STA. 5+76.87
OFF. 33.00' RT

STA. 5+59.73
OFF. 39.96' RT
ELEV. 441.45'
(MATCH EXISTING)

STA. 5+52.14
OFF. 39.81' RT
ELEV. 441.61'
(MATCH EXISTING)

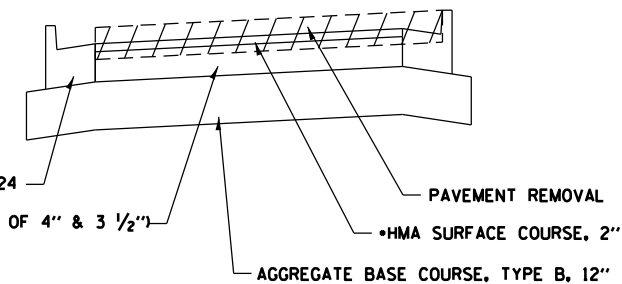
CHARLES ST.

STA. 5+45.20
OFF. 39.63' RT
ELEV. 441.70'
(MATCH EXISTING)

TRANSITION TOP OF CURB FROM 6"
TO 0" TO MATCH EXISTING

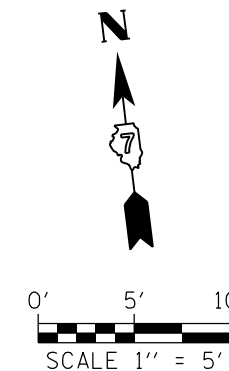
RADIUS POINT
STA. 5+28.10
OFF. 32.07' RT

CHARLES ST. TYPICAL SECTION



NOTES:

- PAID FOR AS FULL DEPTH HMA PAVEMENT



PROPOSED INLET

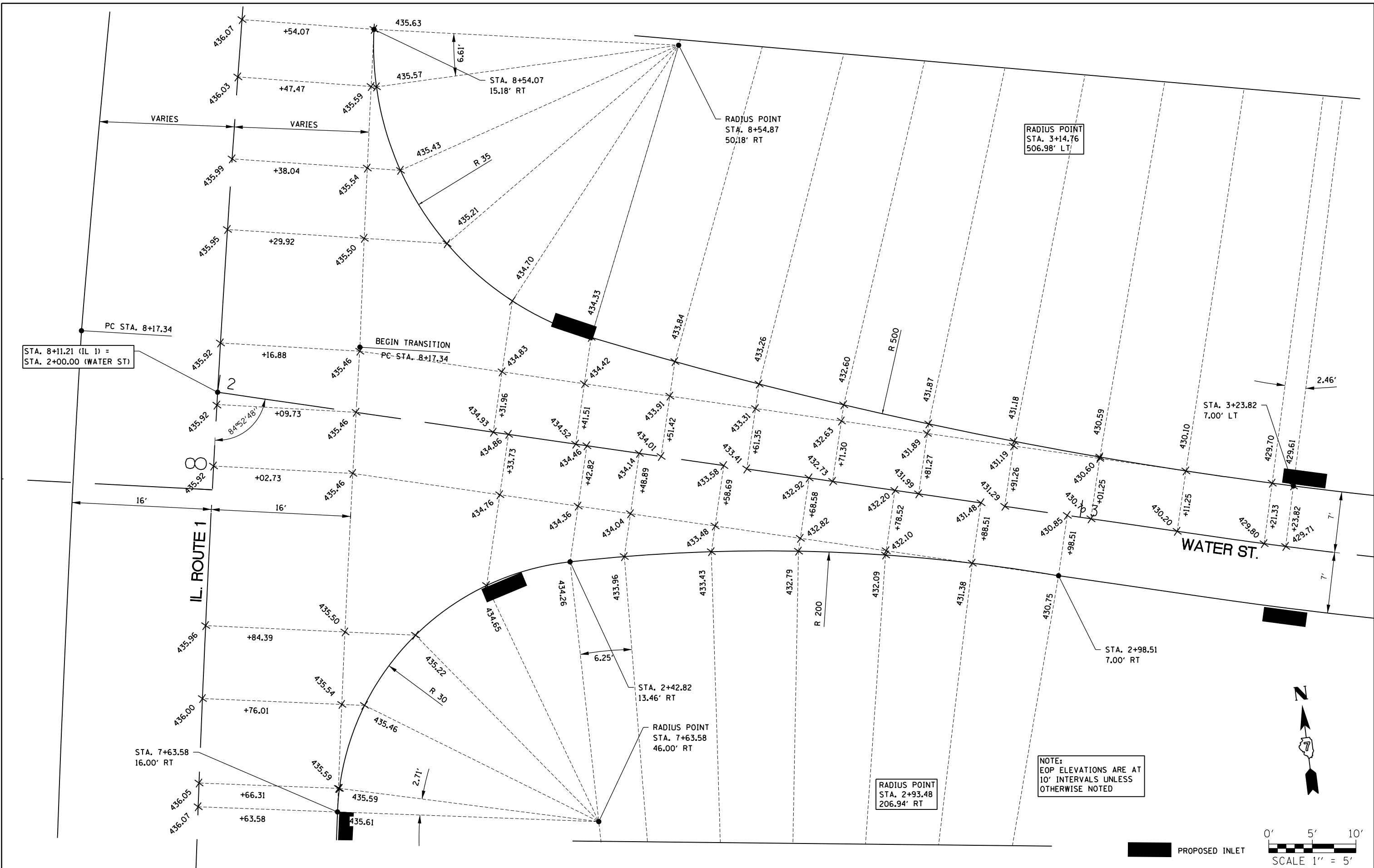
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Default	PLOT SCALE = 10.0000 / in.	DATE -	REVISED -
	PLOT DATE = 8/5/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
ILLINOIS ROUTE 1 AND CHARLES STREET

SCALE: 1" = 5' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	83
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	



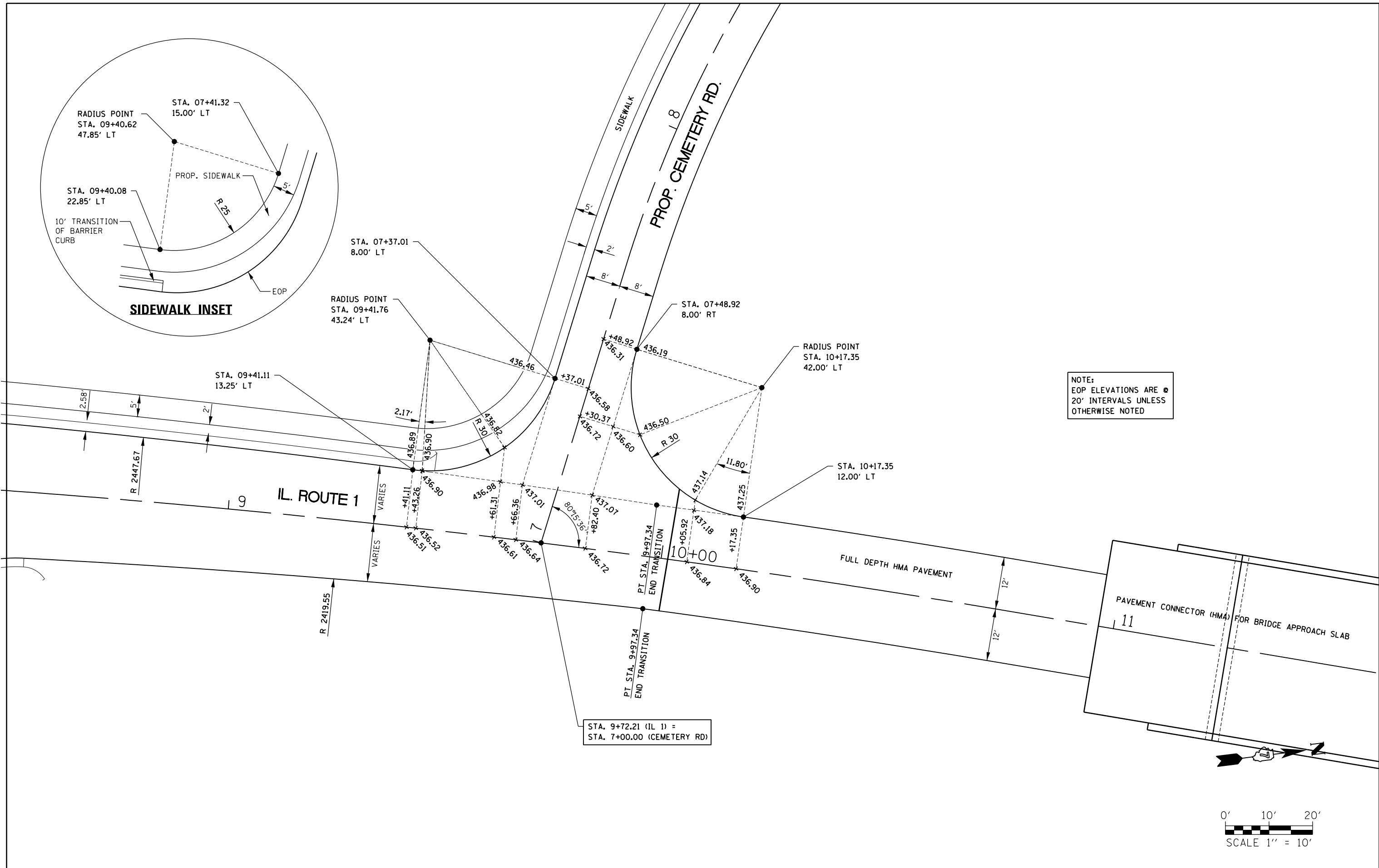
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	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

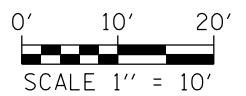
**INTERSECTION DETAILS
ILLINOIS ROUTE 1 AND WATER STREET**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	84
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

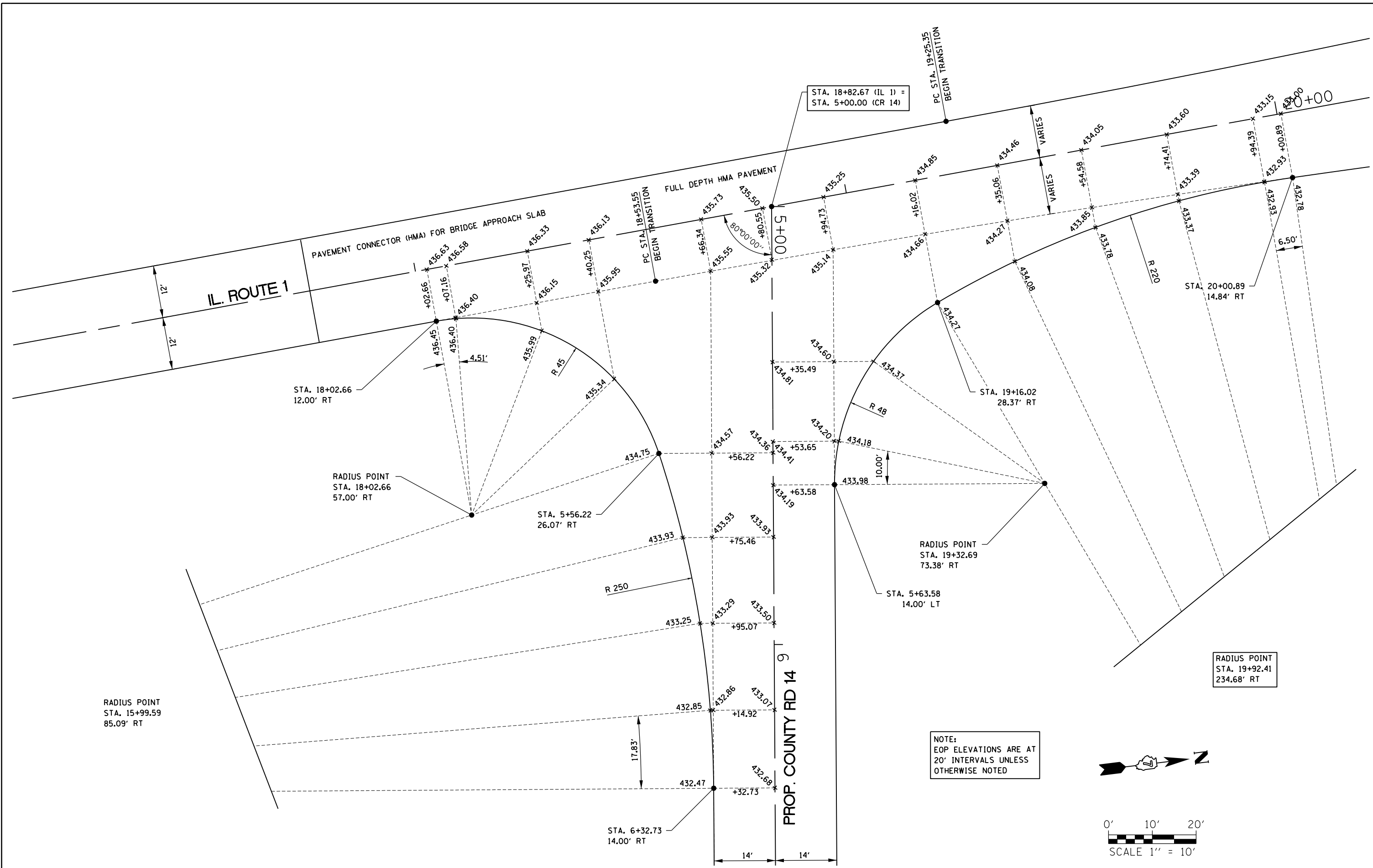
SCALE: 1" = 5' SHEET 2 OF 4 SHEETS STA. TO STA.



NOTE:
EOP ELEVATIONS ARE @
20' INTERVALS UNLESS
OTHERWISE NOTED



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAILS ILLINOIS ROUTE 1 AND CEMETERY ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74180\Drawings\CAD\Sheets\0774180-sht-int-003.dwg		CHECKED -	REVISED -		332	(16BR)B-1	Lawrence	167	85			
Default	PLOT SCALE = 20.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/5/2016				SCALE: 1" = 10'	SHEET 3 OF 4 SHEETS	STA. TO STA.					



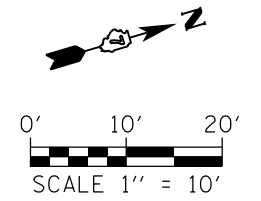
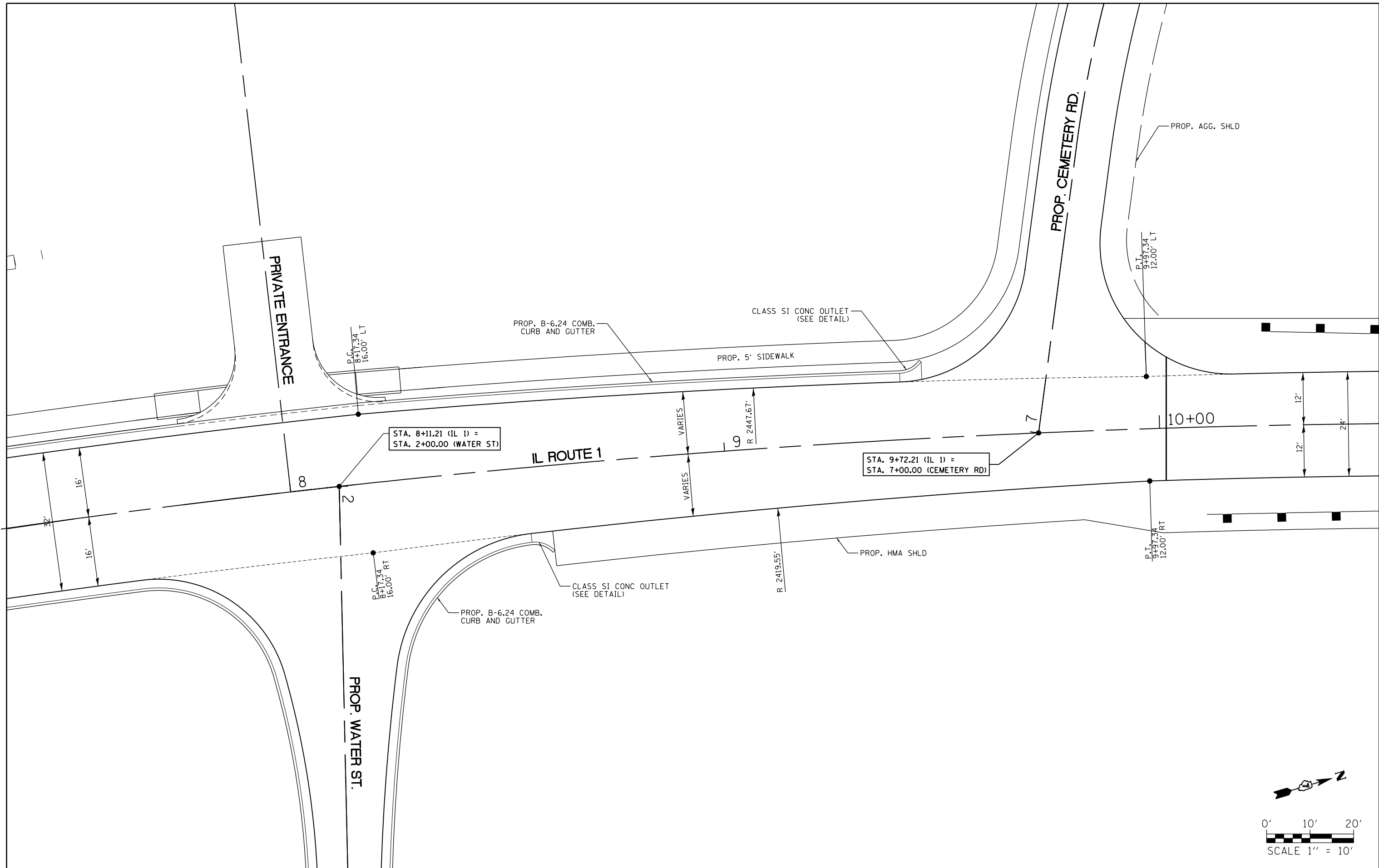
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Default	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

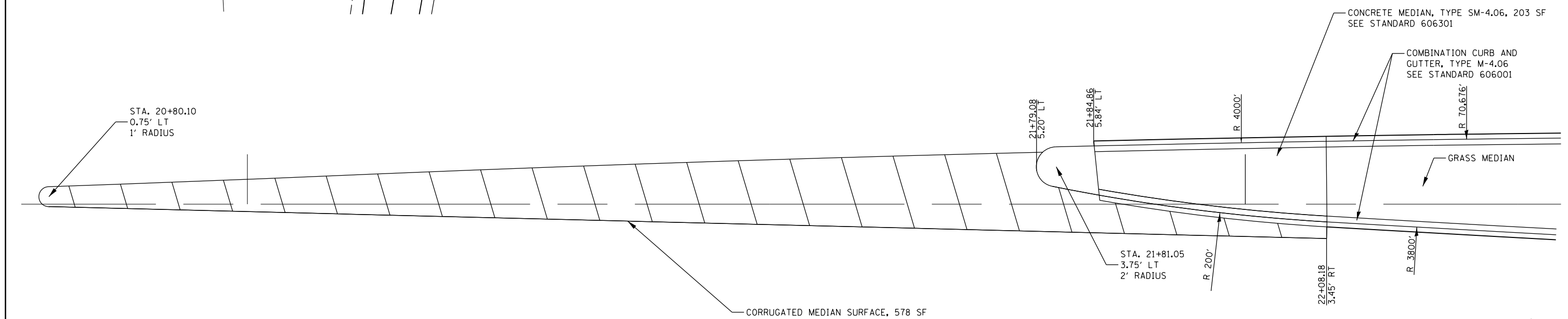
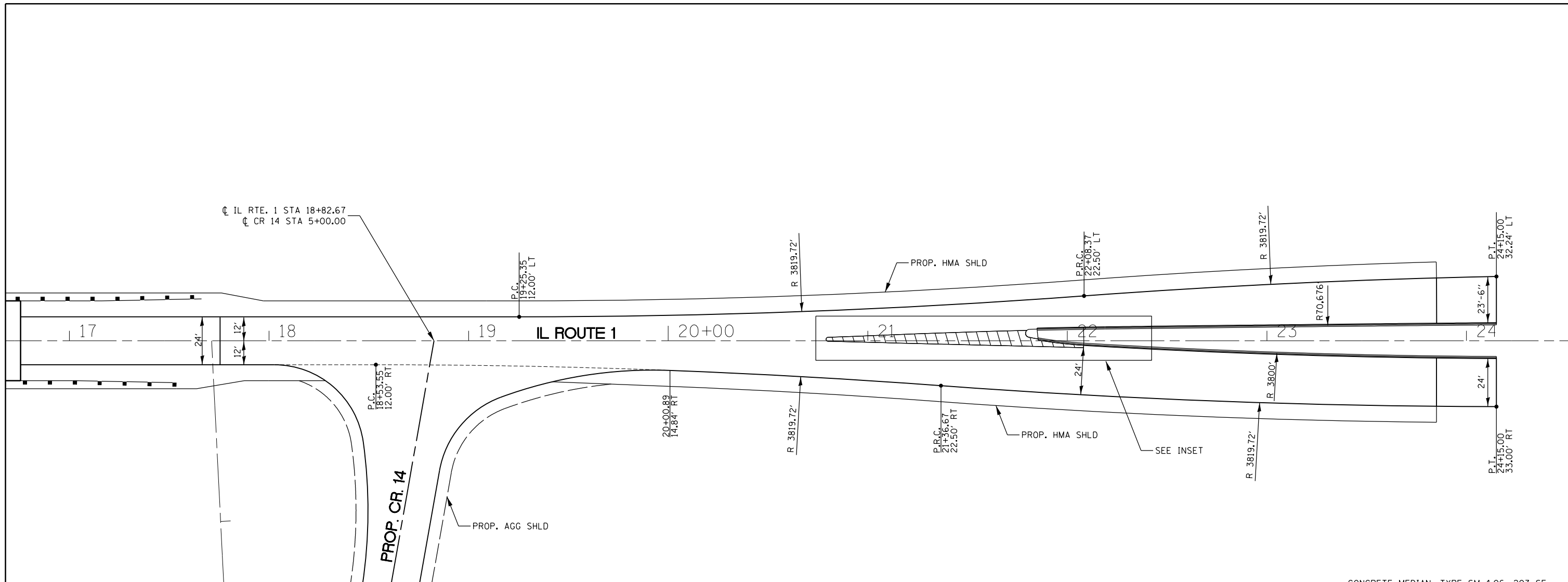
**INTERSECTION DETAILS
ILLINOIS ROUTE 1 AND COUNTY ROAD 14**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	86
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

SCALE: 1" = 10' SHEET 4 OF 4 SHEETS STA. TO STA.



FILE NAME =	USER NAME = steffenk	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRIC DETAILS - ILLINOIS ROUTE 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74180\Drawings\CA\Sheets\74180-sht-geomtr-1.dwg	DATE	CHECKED	REVISED -					332	(16BR)B-1	Lawrence	167	87
Default	PLOT DATE = 8/5/2016	DATE	REVISED -		CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 10'	SHEET 1 OF 2 SHEETS	STA.	TO STA.				



INSET



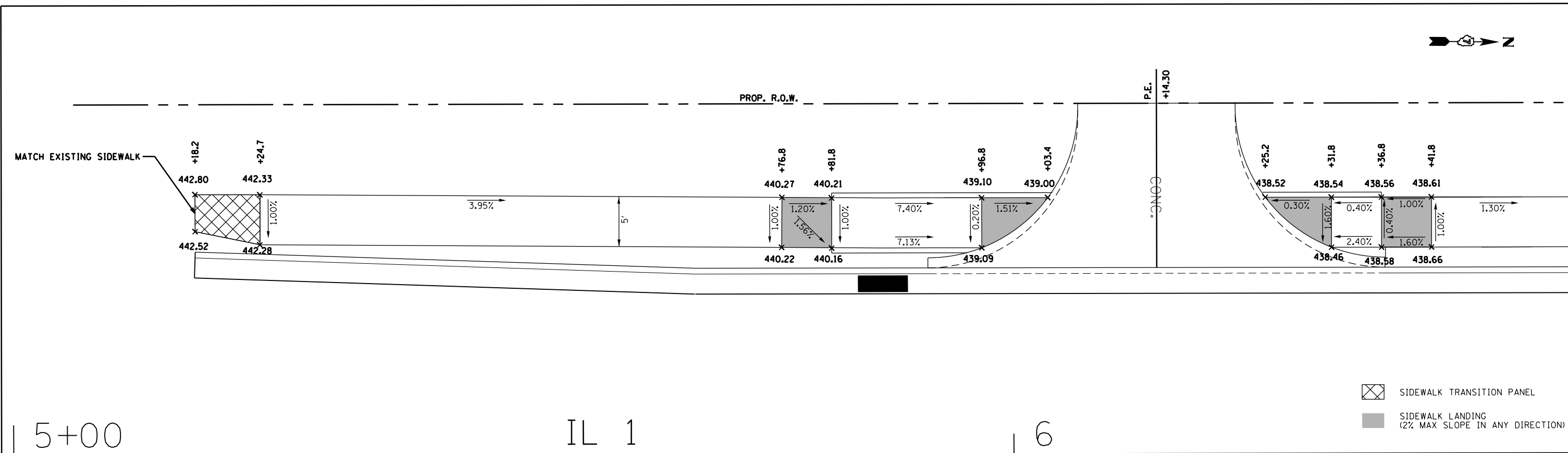
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Default	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOMETRIC DETAILS - ILLINOIS ROUTE 1

SCALE: 1" = 25' SHEET 2 OF 2 SHEETS STA. TO STA.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	88
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

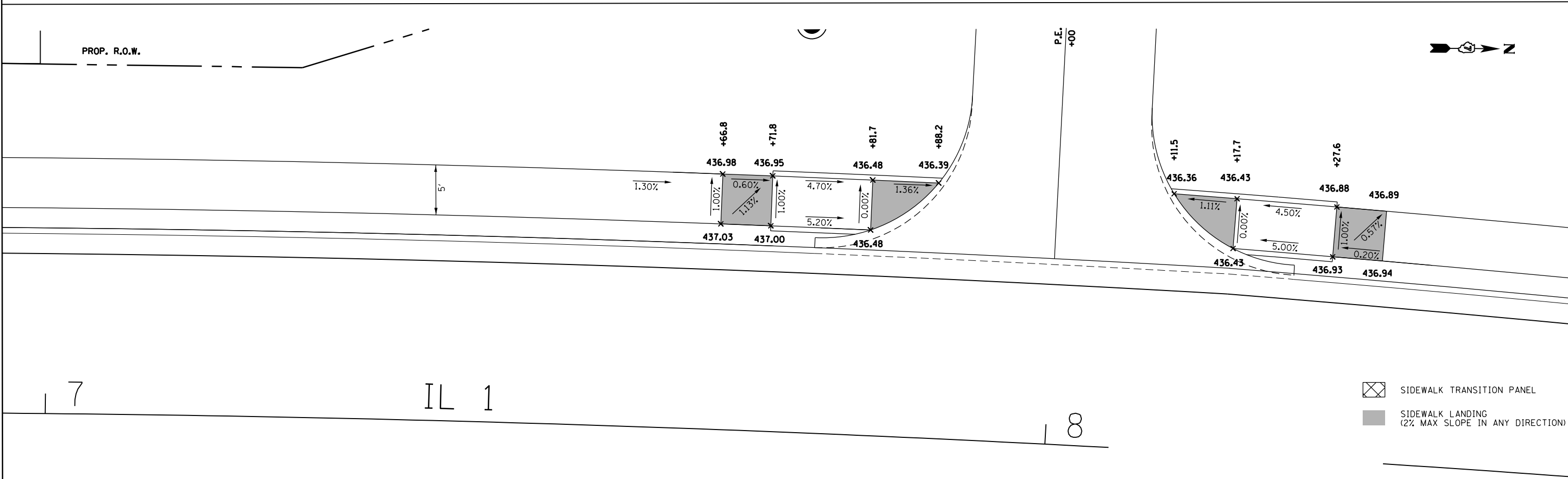


5+00

IL 1

6



-  SIDEWALK TRANSITION PANEL
-  SIDEWALK LANDING (2% MAX SLOPE IN ANY DIRECTION)



7

IL 1

8

-  SIDEWALK TRANSITION PANEL
-  SIDEWALK LANDING (2% MAX SLOPE IN ANY DIRECTION)

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
p:\IL094EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74180\DRAWING\CADsheets\0774180-sht-sidewalk		REVISED -	REVISED -
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS
SCALE: 1" = 5' SHEET 1 OF 2 SHEETS STA. 5+00 TO STA. 8+75



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	LAWRENCE	167	89
CONTRACT NO. 74180				
ILLINOIS FED. AID PROJECT				

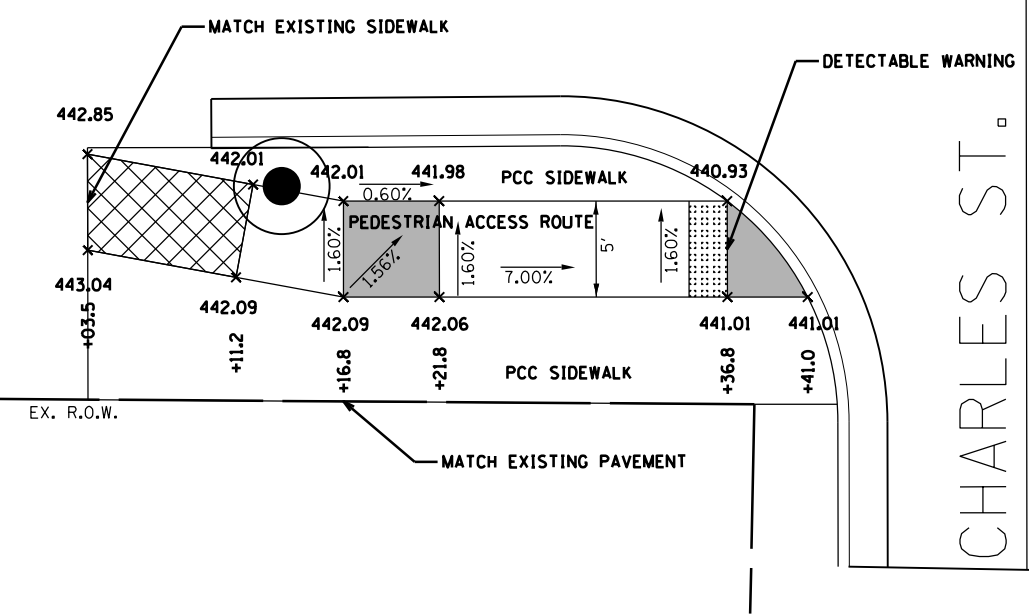
5+00

6

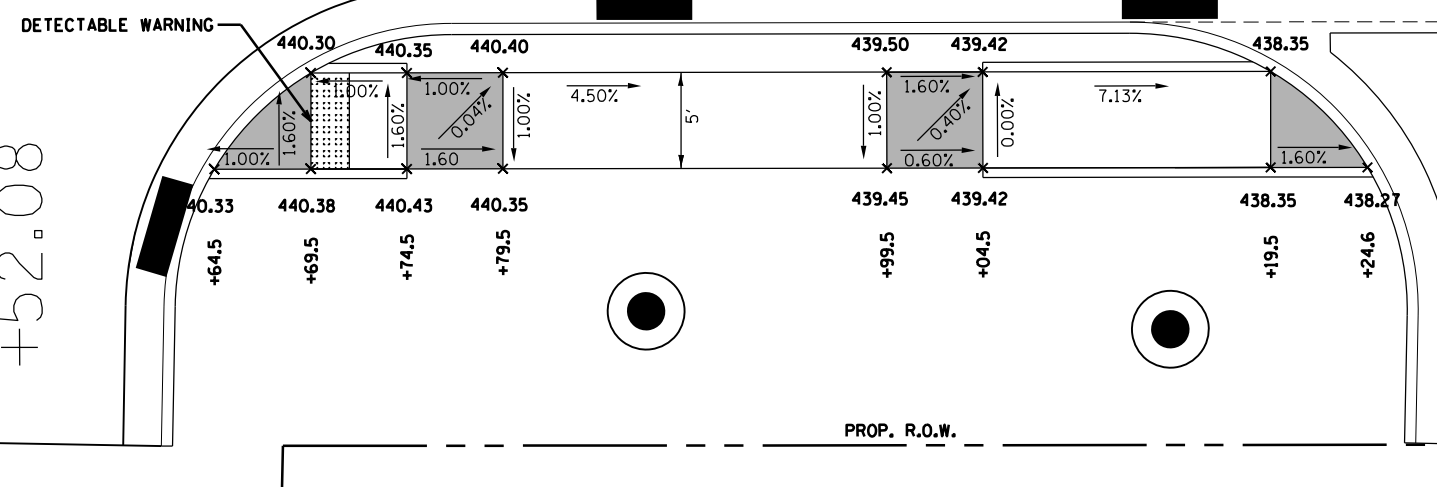


IL 1

-  SIDEWALK TRANSITION PANEL
-  SIDEWALK LANDING (2% MAX SLOPE IN ANY DIRECTION)



CHARLES ST.
+52.08





C.E.
+41.07

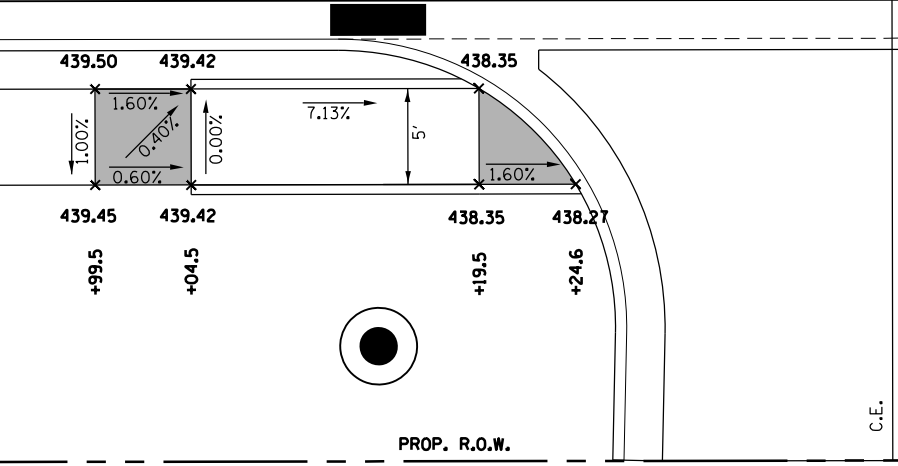
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7

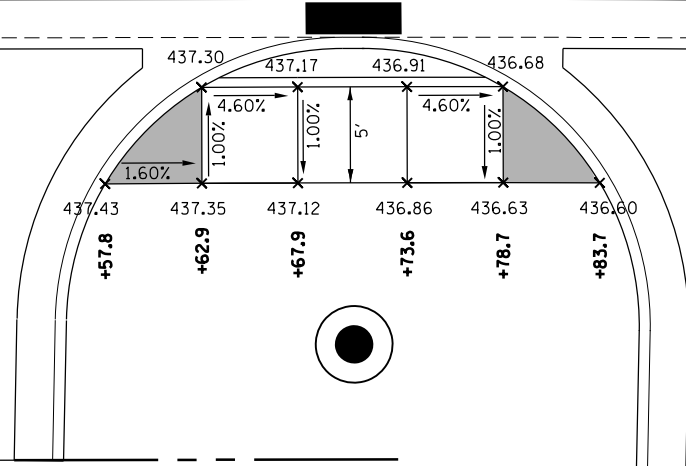


IL 1



-  SIDEWALK TRANSITION PANEL
-  SIDEWALK LANDING (2% MAX SLOPE IN ANY DIRECTION)



C.E.
+41.07



C.E.
+00.46

-  SIDEWALK TRANSITION PANEL
-  SIDEWALK LANDING (2% MAX SLOPE IN ANY DIRECTION)

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
p:\IL\094EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74180\DRAWING\CADsheets\0774180-sht-sidewalk		REVISION	REVISION
Default	PLOT SCALE = 10.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2016	DATE -	REVISED -

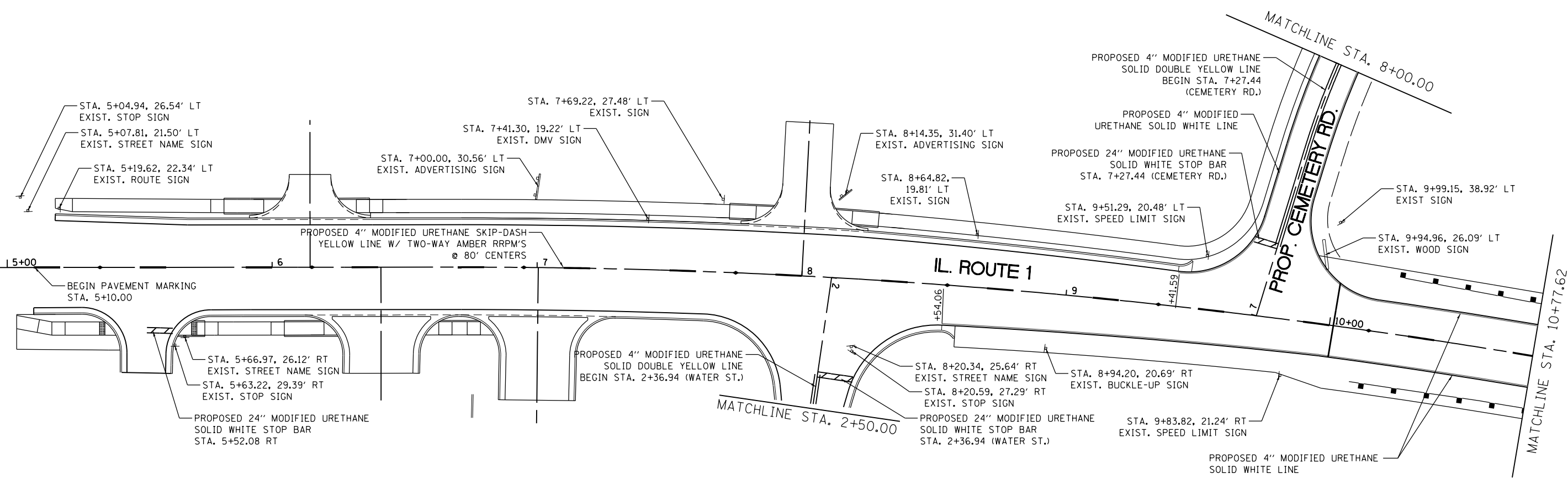
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS

SCALE: 1" = 5' SHEET 2 OF 2 SHEETS STA. 5+00 TO STA. 7+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	LAWRENCE	167	90
CONTRACT NO. 74180				
ILLINOIS FED. AID PROJECT				

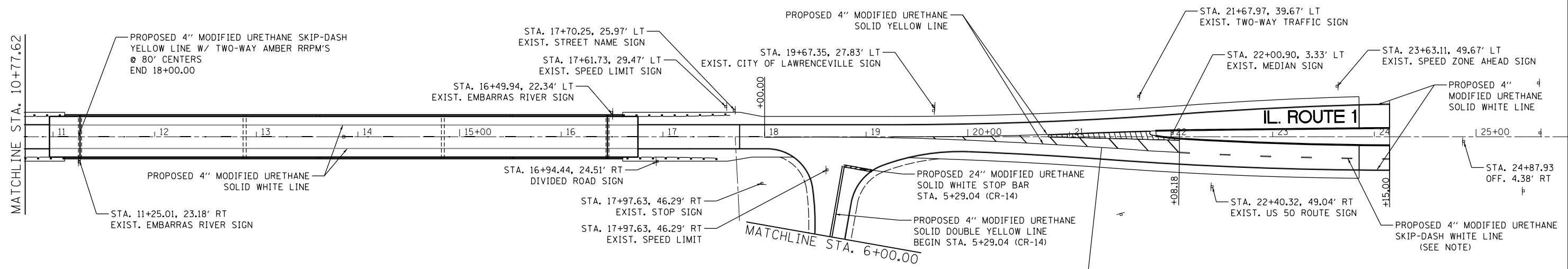
NOTE:
 REMOVE ALL SIGN PANELS AND SIGN SUPPORTS WITHIN THE CONSTRUCTION LIMITS.
 RE-INSTALL SIGN PANELS AND SIGN SUPPORTS AFTER CONSTRUCTION IS COMPLETE PER THE DIRECTION OF THE RESIDENT ENGINEER. COST INCLUDED IN THE COST OF THE CONTRACT.



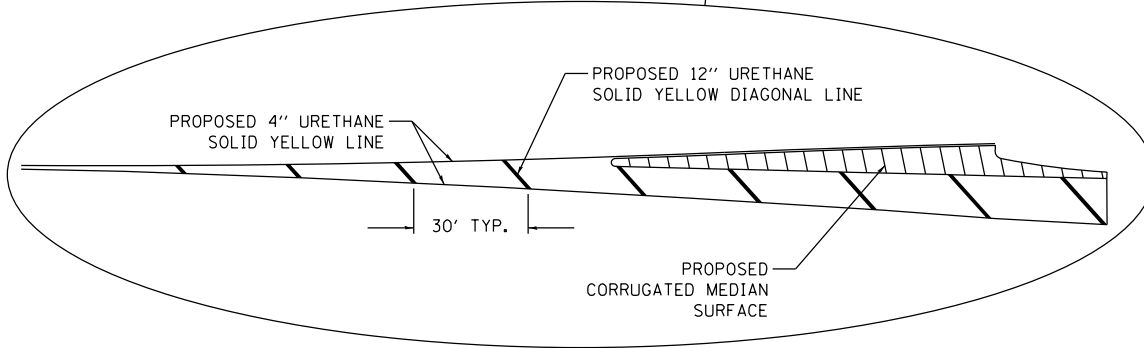
FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNAGE ILLINOIS ROUTE 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74180\Drawings\CAD\Sheets\0774180-sht-pvmtmk-0000.dwg		DRAWN -	REVISED -		332	(16BR)B-1	Lawrence	167	91			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74180							
	PLOT DATE = 8/11/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SCALE: 1" = 20' SHEET 1 OF 5 SHEETS STA. 5+10 TO STA. 10+77.62

NOTE:
 REMOVE ALL SIGN PANELS AND SIGN SUPPORTS WITHIN THE CONSTRUCTION LIMITS.
 RE-INSTALL SIGN PANELS AND SIGN SUPPORTS AFTER CONSTRUCTION IS COMPLETE PER THE DIRECTION OF THE RESIDENT ENGINEER. COST INCLUDED IN THE COST OF THE CONTRACT.

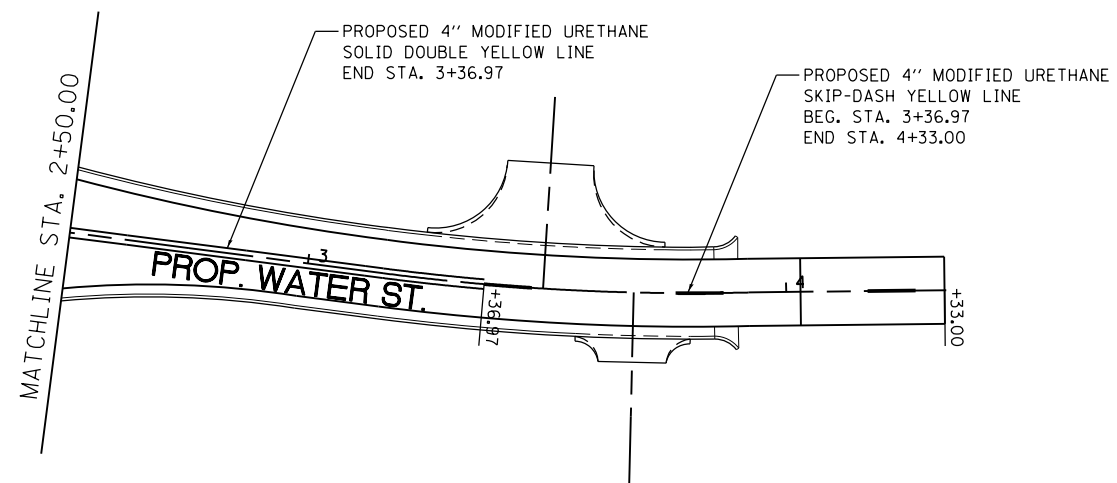


NOTE:
 PROPOSED 4" MODIFIED URETHANE SKIP-DASH WHITE LINE MATCHES EXISTING PAVEMENT MARKING:
 NB STA. 22+08.18 TO STA. 29+60.00
 SB STA. 25+60.64 TO STA. 29+60.00

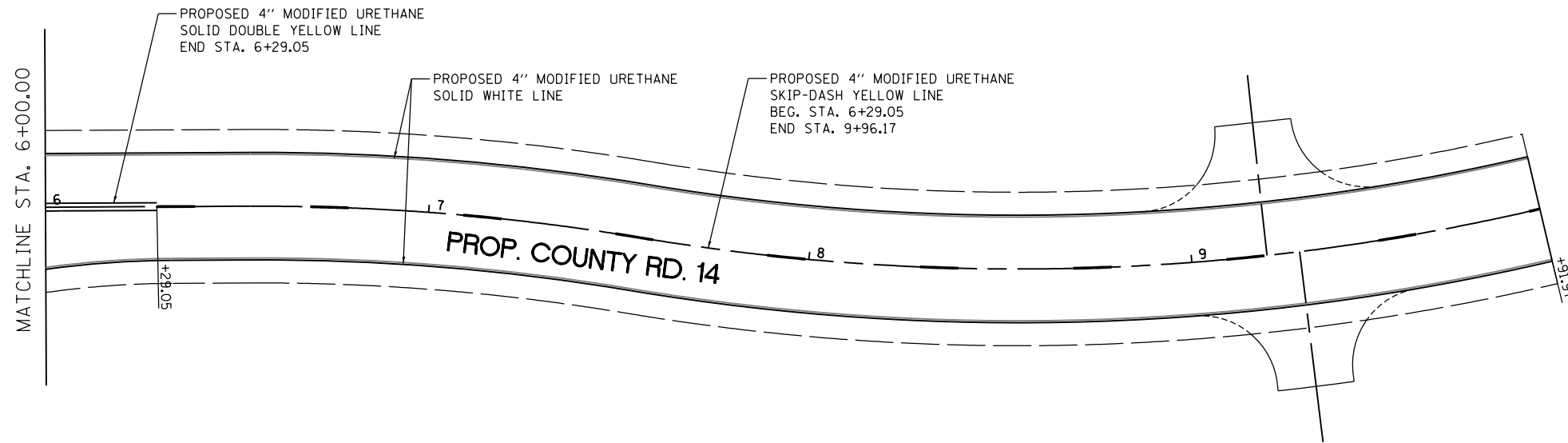


FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNAGE ILLINOIS ROUTE 1	F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 8/11/2016	DATE -	REVISED -			SCALE: 1" = 50'		SHEET 2 OF 5 SHEETS		STA. 10+77.62 TO STA. 24+15	
						CONTRACT NO. 74180					

ILLINOIS FED. AID PROJECT



FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNAGE WATER STREET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 20'			SHEET 3 OF 5 SHEETS		STA. 2+50 TO STA. 4+33		CONTRACT NO. 74180	
	PLOT DATE = 8/11/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/11/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNAGE
COUNTY ROAD 14**

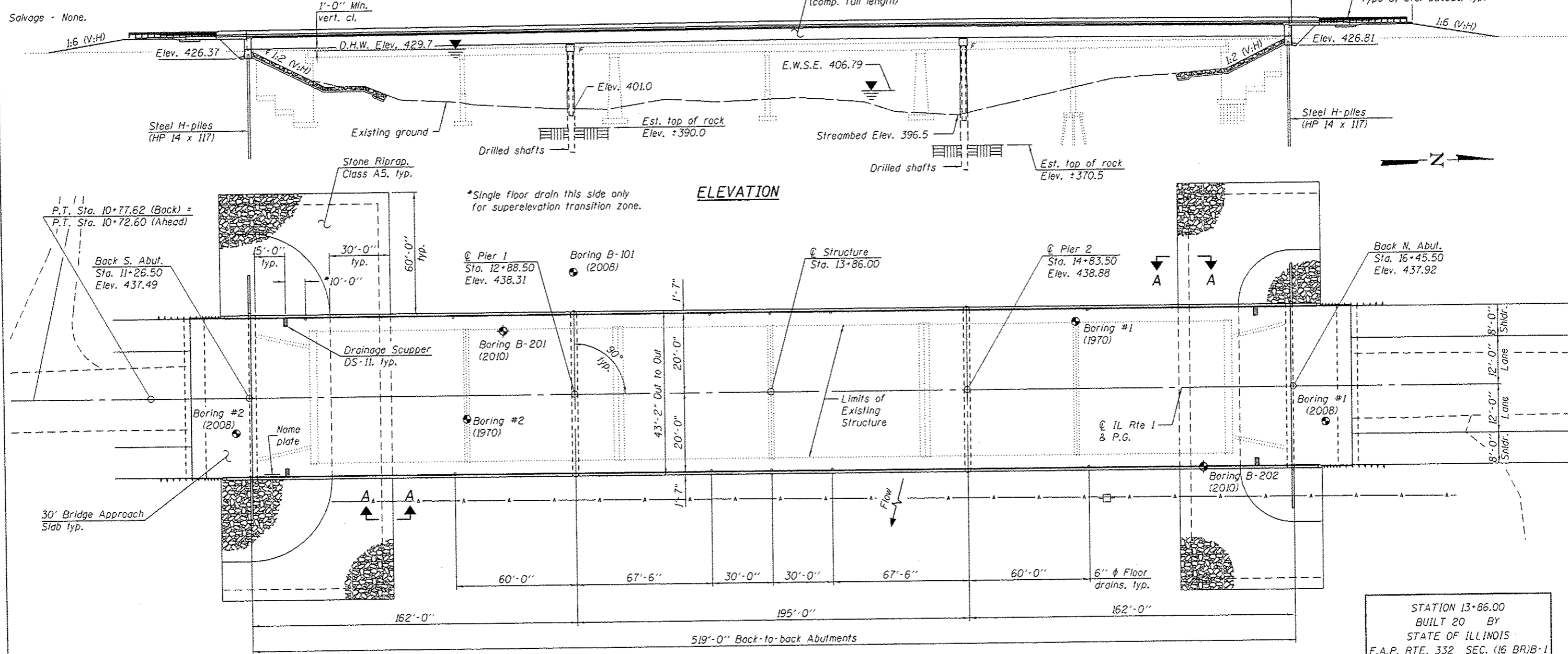
SCALE: 1" = 20' SHEET 5 OF 5 SHEETS STA. 6+00 TO STA. 9+91.97

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16BR)B-1	Lawrence	167	95
CONTRACT NO. 74180			ILLINOIS FED. AID PROJECT	

Bench Mark: BM #201 - Railroad Spike in PP at NE corner of SN 051-0006 Elev. 428.61

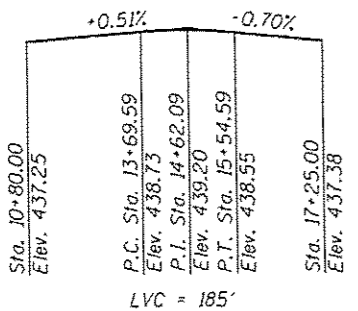
Existing Structure: S.N. 051-0006 was originally built in 1922 as S.B.I. Route 1, Section 16. In 1969 the center span truss was replaced with two spans of PPC deck beams and one new spread footing supported pier was constructed. In 1970 the first and third spans were each replaced with two spans of PPC deck beams, one spread footing supported pier and one pile supported footing pier. The existing six span structure consists of simple span PPC deck beams supported on two closed abutments, three solid wall piers on pile supported footings, and two spread footing supported piers. The structure is 457'-4" Bk. to Bk. abutments and 33'-0" Out to Out of deck. Structure to be removed and replaced. Traffic will be detoured.

Salvage - None.



ELEVATION

PLAN

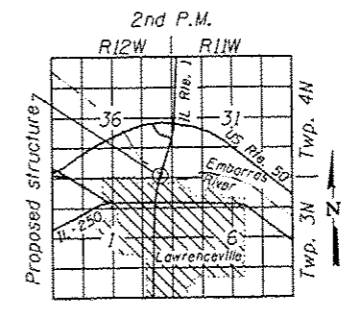


PROFILE GRADE
(along @ roadway)

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specifications, 6th Edition with 2013 Interims
LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

SEISMIC DATA
Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.160g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.406g
Soil Site Class = C



LOCATION SKETCH

STATION 13+86.00
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RTE. 332 SEC. (16 BR) B-1
LOADING HL-93
STRUCTURE NO. 051-0064

NAME PLATE
See Std. 515001

GENERAL PLAN & ELEVATION
ILLINOIS ROUTE 1 OVER EMBARRAS RIVER
F.A.P. RT. 332 SEC. (16 BR) B-1
LAWRENCE COUNTY
STATION 13+86.00
STRUCTURE NO. 051-0064

5/5/2017 3:45:06 PM

DESIGNED - <i>Paul D. Johnson</i>	EXAMINED - <i>Joyce F. Smith</i>	DATE - 5/5/2017
CHECKED - <i>Paul D. Johnson</i>	PASSED - <i>Paul D. Johnson</i>	REVISIONS
DRAWN - H.F. duong		
CHECKED - FWS		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 30 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16 BR) B-1	LAWRENCE	167	96
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74180	

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts.
Bolts 1/8" φ, holes 15/16" φ, unless otherwise noted.
Calculated weight of Structural Steel = 1,084,160 lbs (AASHTO M270 Grade 50).
58,200 lbs (AASHTO M270 Grade 36).

No field welding is permitted except as specified in the contract documents.
Reinforcement bars designated (E) shall be epoxy coated.
If the Contractor elects to use cantilever forming brackets on the exterior girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior girder at each of these additional bracket locations.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surface and the bottom of the bottom flange of fascia beams, masked off connection surfaces, and field installed fasteners, all of which shall be touched up and finished in the field. The color of the final finish coat for all steel surfaces shall be Gray, Munsell No. 5B 7/1.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The approach slab concrete pours shall be scheduled such that there will be a minimum of 12 hours of increasing temperatures following the conclusion of the pours. The approach slabs may be poured on the same day or on different days, with no requirements for the previous approach slab pour to be completely cured before pouring the other approach slab.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Granular Backfill for Structures	Cu. Yd.		296.6	296.6
Stone Riprap, Class A5	Sq. Yd.			2,523
Filter Fabric	Sq. Yd.			2,523
** Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		300	300
Floor Drains	Each	11		11
Concrete Structures	Cu. Yd.		295.2	295.2
Concrete Superstructure	Cu. Yd.	765.4		765.4
Concrete Superstructure (Approach Slab)	Cu. Yd.	122.2		122.2
Bridge Deck Grooving	Sq. Yd.	2,439		2,439
Protective Coat	Sq. Yd.	3,030		3,030
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	7,428		7,428
Reinforcement Bars	Pound		49,070	49,070
Reinforcement Bars, Epoxy Coated	Pound	226,630	56,410	283,040
Bar Splicers	Each		492	492
Furnishing Steel Piles HP14x117	Foot		490	490
Driving Piles	Foot		490	490
Test Pile Steel HP14x117	Each		2	2
Name Plates	Each	1		1
Drilled Shaft in Soil	Cu. Yd.		99.7	99.7
Drilled Shaft in Rock	Cu. Yd.		32.0	32.0
Anchor Bolts 1"	Each	24		24
Anchor Bolts 1/2"	Each	24		24
Geocomposite Wall Drain	Sq. Yd.		127	127
Pipe Underdrains for Structures 4"	Foot		174	174
Drainage Scuppers, DS-11	Each	4		4
Mechanical Splicers	Each		184	184
Asbestos Bearing Pad Removal	Each	14		14
Thermal Integrity Profile Testing	Each		2	2
Thermal Integrity Profile Data Collection	Foot		304	304

**Removal of existing gauging station safety cage and its attachment shall be included in the cost of Removal of Existing Structures.

INDEX OF SHEETS

- 1 General Plan & Elevation
- 2 General Data
- 3-6 Top of Slab Elevations
- 7 Top of South Approach Slab Elevations
- 8 Top of North Approach Slab Elevations
- 9 Superstructure
- 10 Superstructure Details
- 11 Integral Abutment Diaphragm Details & Pouring Sequence
- 12-13 Bridge Approach Slab Details
- 14 Drainage Scupper, DS-11
- 15 Structural Steel
- 16 Structural Steel Details
- 17 Bearing Details
- 18 South Abutment
- 19 North Abutment
- 20 Pier 1
- 21 Pier 2
- 22 Concrete Parapet Slipforming Option
- 23 Steel H-Pile Details
- 24 Bar Splicer Assembly & Mechanical Splicer Details
- 25-30 Soil Boring Logs

DESIGN SCOUR ELEVATION TABLE

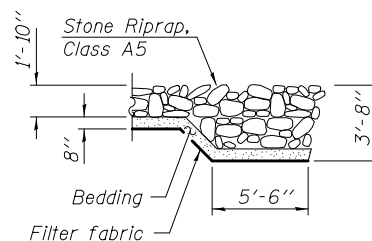
Design Scour Elevations (ft.)				
	S. Abut.	Pier 1	Pier 2	N. Abut.
Q100	426.37	392.02	389.09	426.81
Q200	426.37	391.90	388.97	426.81

Note:
Design scour elevations based on potential thalweg future movement.

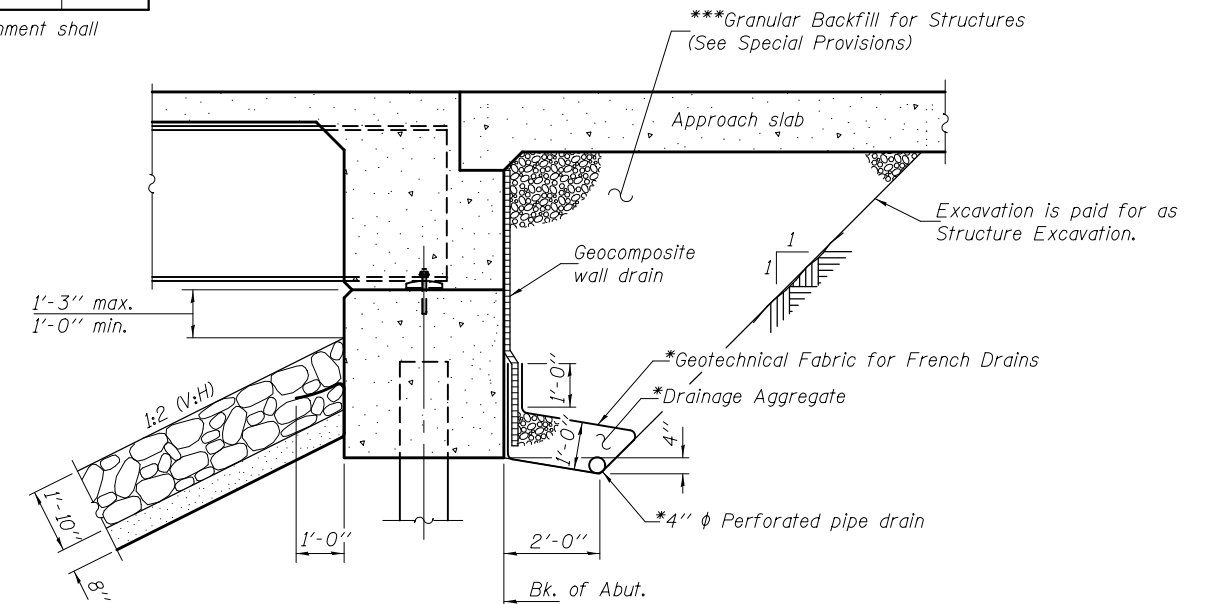
WATERWAY INFORMATION

Drainage Area = 2330 sq. mi.		Existing overtopping Elev. 429.68 @ Sta. 19+00				Proposed overtopping Elev. 429.82 @ Sta. 27+00	
Flood Event	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist. Prop.	Nat. H.W.E.	Head - Ft. Exist. Prop.	Headwater El. Exist. Prop.	Headwater El. Exist. Prop.
	10	21261	8645 8937	426.7	0.1 0.1	426.8	426.8
Design/Overtop Exist.	50	30415	8653 10384	429.7	0.1 0.1	429.8	429.8
Overtop Proposed	55	30800	- 10433	429.8	- 0.1	-	429.9
Base	100	33337	8653 11016	431.0	0.2 0.2	431.2	431.2
Scour Design Check	200	36543	8653 11198	431.3	0.3 0.2	431.6	431.5
Max. Calc.	500	40550	8653 11390	431.6	0.3 0.2	431.9	431.8

10 Year velocity through existing bridge = 2.5 ft./sec.
10 Year velocity through proposed bridge = 2.4 ft./sec.



SECTION A-A



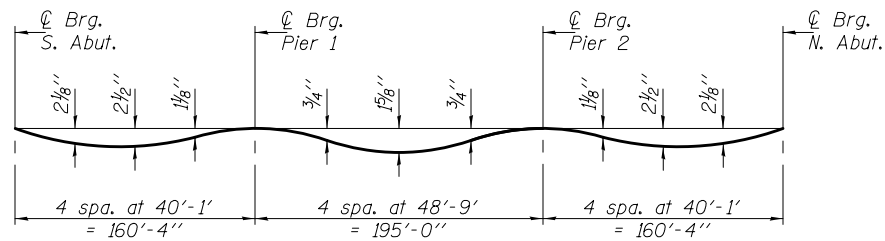
* Included in the cost of Pipe Underdrains for Structures 4".
*** Granular Backfill behind the abutments shall be compacted according to Article 205.06 of the Standard Specifications.

SECTION THRU INTEGRAL ABUTMENT

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

5/9/2017 9:07:56 AM

DESIGNED - FRANK W. SHARPE	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - MAY 5, 2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		GENERAL DATA STRUCTURE NO. 051-0064		F.A.P. RTE. 332	SECTION (16 BR) B-1	COUNTY LAWRENCE	TOTAL SHEETS 167	SHEET NO. 97
CHECKED - PAUL S. JOHNSON	PASSED - <i>Carl [Signature]</i>	REVISIONS					CONTRACT NO. 74180				
DRAWN - h.t. duong	ENGINEER OF BRIDGES AND STRUCTURES		SHEET NO. 2 OF 30 SHEETS		ILLINOIS FED. AID PROJECT						

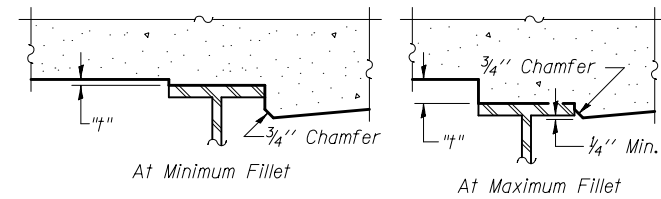


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

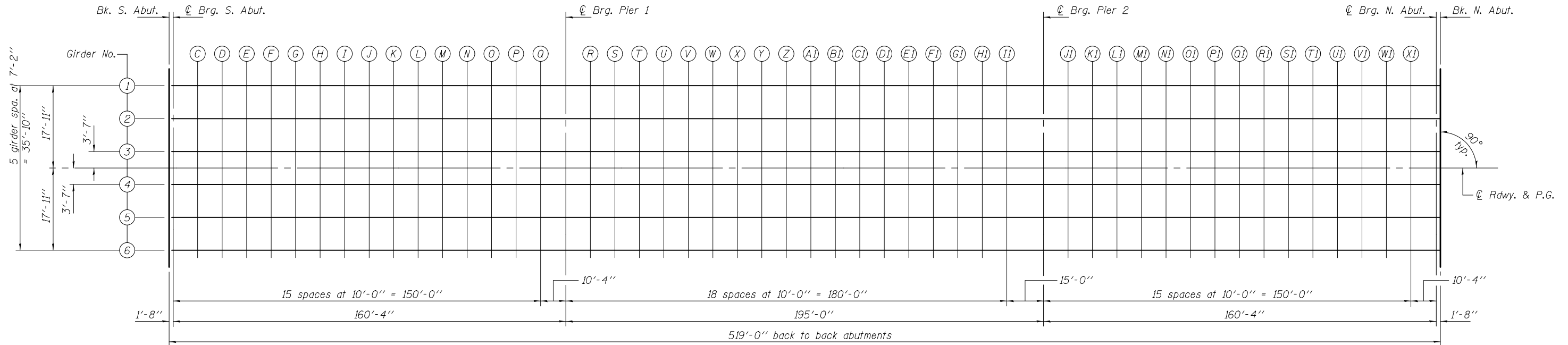
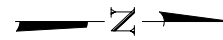
Note:

The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 4 thru 6 of 30.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 4 thru 6 of 30, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



PLAN

5/9/2017 9:07:56 AM

DESIGNED - FRANK W. SHARPE	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - MAY 5, 2017
CHECKED - PAUL S. JOHNSON	PASSED - <i>Carl [Signature]</i>	REVISIONS
DRAWN - h.t. duong	ENGINEER OF BRIDGES AND STRUCTURES	REVISIONS
CHECKED - F.W.S. / P.S.J.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 051-0064**

SHEET NO. 3 OF 30 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16 BR) B-1	LAWRENCE	167	98
CONTRACT NO. 74180				

ILLINOIS FED. AID PROJECT

GIRDER 1

Table with 5 columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include Bk. S. Abut., C Brg. S. Abut., C Brg. Pier 1, C Brg. Pier 2, C Brg. N. Abut., and Bk. N. Abut.

GIRDER 2

Table with 5 columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include Bk. S. Abut., C Brg. S. Abut., C Brg. Pier 1, C Brg. Pier 2, C Brg. N. Abut., and Bk. N. Abut.

GIRDER 3

Table with 5 columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include Bk. S. Abut., C Brg. S. Abut., C Brg. Pier 1, C Brg. Pier 2, C Brg. N. Abut., and Bk. N. Abut.

5/9/2017 9:07:56 AM

DESIGNED - FRANK W. SHARPE
CHECKED - PAUL S. JOHNSON
DRAWN - h.t. duong
CHECKED - F.W.S. / P.S.J.

EXAMINED
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

DATE - MAY 5, 2017
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 051-0064

SHEET NO. 4 OF 30 SHEETS

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
332 (16 BR) B-1 LAWRENCE 167 99
CONTRACT NO. 74180
ILLINOIS FED. AID PROJECT

☉ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	11+26.50	0.00	437.49	437.49
☉ Brg. S. Abut.	11+28.17	0.00	437.50	437.50
C	11+38.17	0.00	437.55	437.60
D	11+48.17	0.00	437.60	437.70
E	11+58.17	0.00	437.65	437.80
F	11+68.17	0.00	437.70	437.88
G	11+78.17	0.00	437.75	437.96
H	11+88.17	0.00	437.80	438.02
I	11+98.17	0.00	437.86	438.07
J	12+08.17	0.00	437.91	438.12
K	12+18.17	0.00	437.96	438.15
L	12+28.17	0.00	438.01	438.17
M	12+38.17	0.00	438.06	438.19
N	12+48.17	0.00	438.11	438.21
O	12+58.17	0.00	438.16	438.23
P	12+68.17	0.00	438.21	438.25
Q	12+78.17	0.00	438.26	438.28
☉ Brg. Pier 1	12+88.50	0.00	438.32	438.32
R	12+98.50	0.00	438.37	438.37
S	13+08.50	0.00	438.42	438.43
T	13+18.50	0.00	438.47	438.49
U	13+28.50	0.00	438.52	438.57
V	13+38.50	0.00	438.57	438.64
W	13+48.50	0.00	438.62	438.71
X	13+58.50	0.00	438.67	438.78
Y	13+68.50	0.00	438.72	438.85
Z	13+78.50	0.00	438.77	438.90
A1	13+88.50	0.00	438.81	438.95
B1	13+98.50	0.00	438.85	438.98
C1	14+08.50	0.00	438.88	438.99
D1	14+18.50	0.00	438.90	439.00
E1	14+28.50	0.00	438.92	438.99
F1	14+38.50	0.00	438.93	438.98
G1	14+48.50	0.00	438.93	438.96
H1	14+58.50	0.00	438.92	438.94
I1	14+68.50	0.00	438.91	438.92
☉ Brg. Pier 2	14+83.50	0.00	438.89	438.89
J1	14+93.50	0.00	438.86	438.88
K1	15+03.50	0.00	438.83	438.86
L1	15+13.50	0.00	438.79	438.85
M1	15+23.50	0.00	438.74	438.84
N1	15+33.50	0.00	438.69	438.82
O1	15+43.50	0.00	438.63	438.79
P1	15+53.50	0.00	438.56	438.75
Q1	15+63.50	0.00	438.49	438.70
R1	15+73.50	0.00	438.42	438.64
S1	15+83.50	0.00	438.35	438.57
T1	15+93.50	0.00	438.28	438.49
U1	16+03.50	0.00	438.21	438.39
V1	16+13.50	0.00	438.14	438.29
W1	16+23.50	0.00	438.07	438.17
X1	16+33.50	0.00	438.00	438.05
☉ Brg. N. Abut.	16+43.83	0.00	437.93	437.93
Bk. N. Abut.	16+45.50	0.00	437.92	437.92

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	11+26.50	3.58	437.43	437.43
☉ Brg. S. Abut.	11+28.17	3.58	437.44	437.44
C	11+38.17	3.58	437.49	437.54
D	11+48.17	3.58	437.54	437.64
E	11+58.17	3.58	437.60	437.74
F	11+68.17	3.58	437.65	437.83
G	11+78.17	3.58	437.70	437.90
H	11+88.17	3.58	437.75	437.96
I	11+98.17	3.58	437.80	438.02
J	12+08.17	3.58	437.85	438.06
K	12+18.17	3.58	437.90	438.09
L	12+28.17	3.58	437.95	438.12
M	12+38.17	3.58	438.00	438.13
N	12+48.17	3.58	438.05	438.15
O	12+58.17	3.58	438.11	438.17
P	12+68.17	3.58	438.16	438.20
Q	12+78.17	3.58	438.21	438.22
☉ Brg. Pier 1	12+88.50	3.58	438.26	438.26
R	12+98.50	3.58	438.31	438.31
S	13+08.50	3.58	438.36	438.37
T	13+18.50	3.58	438.41	438.44
U	13+28.50	3.58	438.46	438.51
V	13+38.50	3.58	438.52	438.58
W	13+48.50	3.58	438.57	438.65
X	13+58.50	3.58	438.62	438.72
Y	13+68.50	3.58	438.67	438.79
Z	13+78.50	3.58	438.72	438.85
A1	13+88.50	3.58	438.76	438.89
B1	13+98.50	3.58	438.79	438.92
C1	14+08.50	3.58	438.82	438.94
D1	14+18.50	3.58	438.85	438.94
E1	14+28.50	3.58	438.86	438.94
F1	14+38.50	3.58	438.87	438.92
G1	14+48.50	3.58	438.87	438.91
H1	14+58.50	3.58	438.87	438.89
I1	14+68.50	3.58	438.86	438.86
☉ Brg. Pier 2	14+83.50	3.58	438.83	438.83
J1	14+93.50	3.58	438.80	438.82
K1	15+03.50	3.58	438.77	438.81
L1	15+13.50	3.58	438.73	438.80
M1	15+23.50	3.58	438.68	438.78
N1	15+33.50	3.58	438.63	438.76
O1	15+43.50	3.58	438.57	438.74
P1	15+53.50	3.58	438.51	438.69
Q1	15+63.50	3.58	438.44	438.65
R1	15+73.50	3.58	438.37	438.58
S1	15+83.50	3.58	438.30	438.51
T1	15+93.50	3.58	438.23	438.43
U1	16+03.50	3.58	438.16	438.33
V1	16+13.50	3.58	438.09	438.23
W1	16+23.50	3.58	438.02	438.12
X1	16+33.50	3.58	437.95	438.00
☉ Brg. N. Abut.	16+43.83	3.58	437.87	437.87
Bk. N. Abut.	16+45.50	3.58	437.86	437.86

5/9/2017 9:07:57 AM

DESIGNED - FRANK W. SHARPE
CHECKED - PAUL S. JOHNSON
DRAWN - h.t. duong
CHECKED - F.W.S. / P.S.J.

EXAMINED	<i>Jayne F. [Signature]</i>
PASSED	<i>Carl [Signature]</i>

DATE - MAY 5, 2017
REVISED
REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 051-0064**

SHEET NO. 5 OF 30 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(16 BR) B-1	LAWRENCE	167	100
CONTRACT NO. 74180				
ILLINOIS FED. AID PROJECT				