

04-27-2018 LETTING ITEM 200

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY (HPP-STLU)**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**TRAFFIC DATA**

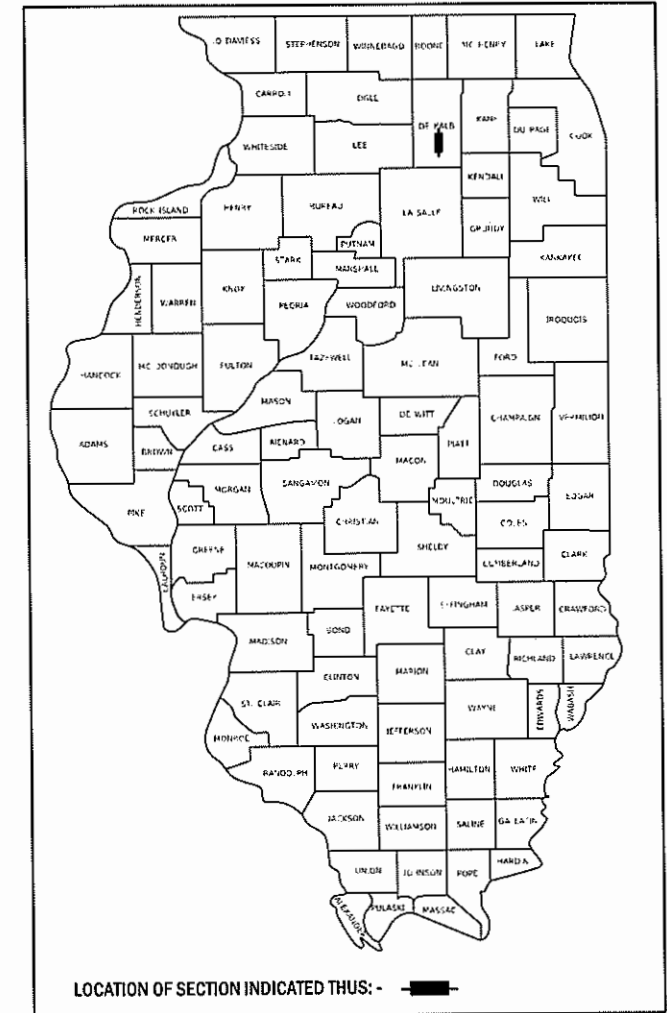
**ANNIE GLIDDEN ROAD (N&S)**  
ADT: 9,500 (2017); 9,800 (2020)  
POSTED SPEED: 45 MPH  
DESIGN SPEED: 45 MPH  
DESIGN DESIGNATION: MINOR ARTERIAL (RURAL)

**FAIRVIEW DRIVE (EAST)**  
ADT: 5,200 (2017); 6,000 (2020)  
POSTED SPEED: 35 MPH  
DESIGN SPEED: 35 MPH  
DESIGN DESIGNATION: MAJOR COLLECTOR (RURAL)

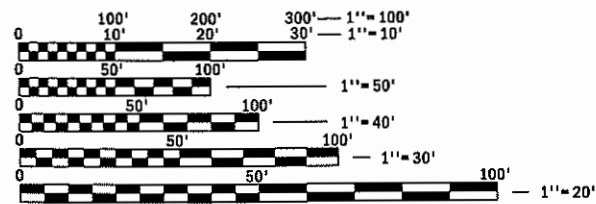
**FAIRVIEW DRIVE (WEST)**  
ADT: 1,200 (2017); 1,400 (2020)  
POSTED SPEED: 55 MPH  
DESIGN SPEED: 55 MPH  
DESIGN DESIGNATION: LOCAL ROAD (RURAL)

**FAU 5348 (ANNIE GLIDDEN ROAD)  
ANNIE GLIDDEN ROAD AT FAIRVIEW DRIVE  
INTERSECTION IMPROVEMENTS  
SECTION 16-00189-00-WR  
PROJECT RFCD(197)  
CITY OF DEKALB  
DEKALB COUNTY  
C-93-115-16**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	1
		ILLINOIS	CONTRACT NO. 87664	

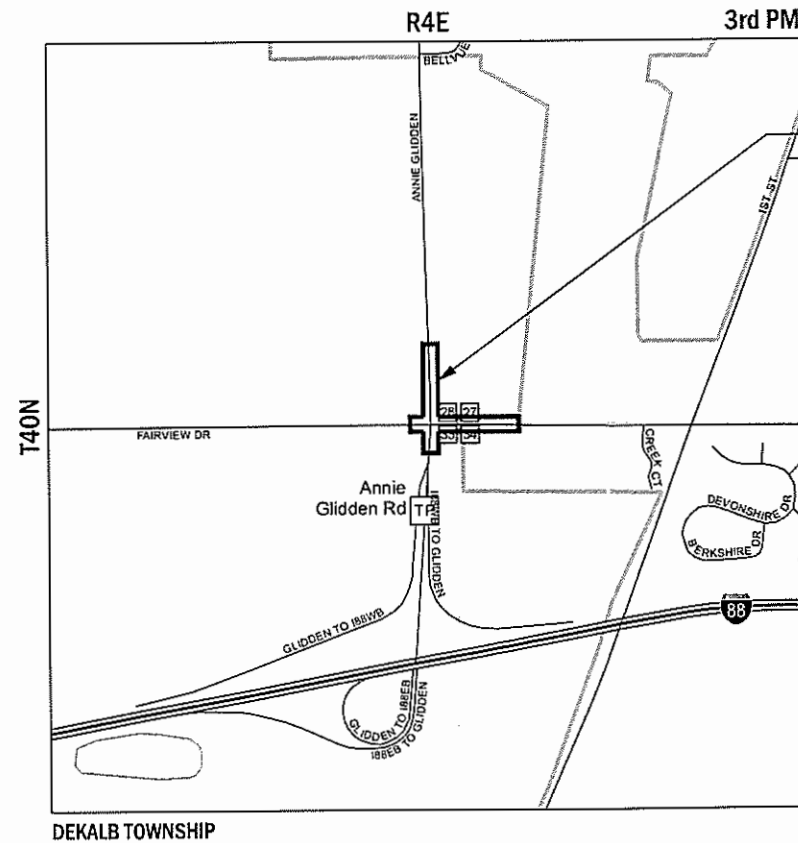


**PROJECT LOCATED IN THE CITY OF DEKALB**



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 LOCATION**  
ANNIE GLIDDEN ROAD  
STA. 109+24.50 TO STA. 123+13.00  
FAIRVIEW DRIVE  
STA. 308+33.65 TO STA. 318+55.00

PROJECT GROSS & NET LENGTH = 2409.9 LIN FT (0.456 MILE)

PROJECT LOCATED IN:  
THE SE 1/4 OF SECTION 28, THE SW 1/4 OF SECTION 27, THE NW 1/4 OF SECTION 34, AND THE NE 1/4 OF SECTION 33,  
TOWNSHIP 40N, RANGE 4E OF THE THIRD PRINCIPAL MERIDIAN, DEKALB COUNTY, ILLINOIS

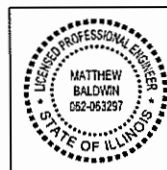
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED Feb. 6, 2018  
*[Signature]*  
PUBLIC WORKS DIRECTOR

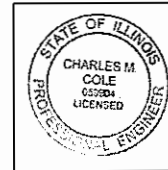
PASSED 2/23/18  
*[Signature]*  
DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW 2/23/18  
*[Signature]*  
REGION 2 ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



Feb 09 2018  
*[Signature]*  
MATTHEW BALDWIN  
ILLINOIS REG. PROFESSIONAL ENGINEER NO. 062-063297  
EXPIRATION DATE 11-30-2019  
SHEETS: 1-51, 65-103



Feb 05 2018  
*[Signature]*  
CHARLES M. COLE  
ILLINOIS REG. PROFESSIONAL ENGINEER NO. 062-059904  
EXPIRATION DATE 11-30-2019  
SHEETS: 52-59



Feb 05 2018  
*[Signature]*  
ASAD M. BAIWA  
ILLINOIS REG. PROFESSIONAL ENGINEER NO. 062-055662  
EXPIRATION DATE 11-30-2019  
SHEETS: 60-64

CONTRACT NO. 87664



**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE APPLICABLE REQUIREMENTS SET FORTH IN "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 THEREINAFTER REFERRED TO AS STANDARD SPECIFICATIONS, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM MANUAL TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" IN EFFECT ON THE DATE OF INVITATION FOR BIDS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" LATEST EDITION; INTERIM SPECIAL PROVISIONS AS INCLUDED IN THE CONTRACT DOCUMENTS; AND THE DETAILS AND STANDARDS CONTAINED IN THESE PLANS.
- BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE LOCATIONS OF THE EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST IN ACCORDANCE WITH ARTICLE 105.07.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- ALL WORK SHALL BE COMPLETED WITHIN THE LIMITS OF THE PROJECT SHOWN. NO EQUIPMENT, MATERIAL YARD OR FIELD OFFICE SHALL BE SET UP OR STORED ON TOWNSHIP OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION OF THE ENGINEER.
- MAINTENANCE OF TRAFFIC - GENERAL: TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES OF THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
- TRAFFIC CONTROL DEVICES: ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC AS DETAILED ON THE PLANS SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER.

**DRAINAGE NOTES**

- DURING CONSTRUCTION OPERATIONS ALL LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES AND TEMPORARY DITCHES THAT OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE CLEANED AS NECESSARY TO INSURE THAT THEY ARE FREE FROM ALL DIRT AND DEBRIS PRIOR TO THE FINAL INSPECTION OF THE PROJECT.
- ANY FARM DRAIN, FIELD TILE SYSTEM OR OTHER UNDERGROUND TILE FACILITY ENCOUNTERED IN THE WORK SHALL BE LOCATED AND STAKED AND REPORTED TO THE ENGINEER. ANY DRAINAGE LINES WHICH ARE CUT OR DAMAGED BY GRADING, TRENCHING, EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES SHALL BE REPAIRED SO AS TO MAINTAIN ITS ORIGINAL ALIGNMENT. IF THIS CANNOT BE ACCOMPLISHED, THE TILE SHALL BE REPAIRED AND CONNECTED TO THE PROPOSED STORM SEWER SYSTEM IN SUCH A MANNER AS TO RENDER THE LINES USABLE FOR THE PURPOSES INTENDED.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 611. THE MINIMUM SIZE FOR REPLACEMENT MUST BE 10 INCH AND SHALL BE PAID FOR AS "PIPE DRAINS" OF THE DIAMETER SPECIFIED". THE DRAIN PIPE MATERIAL SHALL BE PVC OR CORRUGATED PVC WITH A SMOOTH INTERIOR IN ACCORDANCE WITH SECTION 601. A TYPE A INLET W/ TYPE 1 CLOSED LID WILL BE CONSTRUCTED TO CONNECT THE TILE(S) AND/OR PIPE DRAIN. A NOMINAL QUANTITY OF 10" DRAIN PIPE AND TYPE A INLET(S) HAVE BEEN INCLUDED IN THE PLAN QUANTITIES.

PRIOR TO MAKING THE CONNECTION THE CONTRACTOR SHALL CLEAN THE ENDS OF THE TILE TO BE CONNECTED. IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATION THE EXISTING TILE SHALL BE REMOVED OR CRUSHED AND TRENCH BACKFILL MATERIAL SHALL BE PLACED IN THE TRENCH LEFT BY THE REMOVAL. THE TILE REMOVAL SHALL BE PAID FOR AS "EXISTING FIELD TILE REMOVAL".

- MORTAR:  
ALL CONNECTION POINTS WHERE THE DRAIN TILE OR STORM SEWER ENTERS THE DRAINAGE STRUCTURE SHALL BE MORTARED ON THE INSIDE AND OUTSIDE OF THE DRAINAGE STRUCTURE. THE MORTAR MATERIAL SHALL BE PLACED AROUND THE ENTIRE CIRCUMFERENCE OF THE PIPE. THE MORTAR MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 602.04.

**EARTHWORK AND ROADWAY**

- EARTHWORK SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING. STOCK PILING OF MATERIALS FOR LATER USE AND REDISTRIBUTION SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. STOCK PILING NECESSARY FOR RESPREADING IN SHOULDERS, CONSTRUCTING EMBANKMENTS, CUT OR BORROW AREAS SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF EARTH EXCAVATION.
- THE CONTRACTOR WILL NOT BE ALLOWED TO STOCK PILE MATERIAL(S) BEYOND THE PROJECT LIMITS. THE CONTRACTOR WILL NOT PLACE STOCK PILES IN LOCATIONS WHERE THEY WILL INTERFERE WITH DRAINAGE WAYS OR ON PAVEMENTS THAT ARE NOT SPECIFIED FOR REMOVAL. ANY DAMAGE REQUIRING REPAIR CAUSED BY THE CONTRACTORS STOCK PILING OR CONSTRUCTION OPERATIONS WILL BE DONE AT NO ADDITIONAL COST TO THE CONTRACT.

**REMOVAL NOTES**

- SAW CUTS:  
PROVIDE AT ALL LOCATIONS WHERE A SAW CUT IS REQUIRED FOR THE REMOVAL OF PAVEMENT, CURB, GUTTER, MEDIANS, DRIVEWAYS, SIDEWALK, BUTT JOINTS, PATCHES OR ANY OTHER STRUCTURE WHICH ARE ALL ONE PIECE WITH NO CONSTRUCTION JOINTS. THIS SAW CUT SHALL BE MADE AT THE LIMITS OF CONSTRUCTION OR OTHER AREAS AS REQUIRED TO PERFORM THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE SAW CUT SHALL BE ACCOMPLISHED WITH A "PAVEMENT SAW". VERMEER TYPE TRENCHERS WILL NOT BE ALLOWED FOR FINAL SAW CUT AT THE LIMITS OF CONSTRUCTION.

**EARTHWORK AND ROADWAY (CONT.)**

- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION:  
ITEM NO. 21001000 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION WILL ONLY BE UTILIZED IN AREAS THAT HAVE BEEN IDENTIFIED AS SUBGRADE UNDERCUT AREAS OR WHERE DETERMINED IN THE FIELD BY A GEOTECHNICAL ENGINEER. THE FABRIC WILL BE USED IN COMBINATION WITH AGGREGATE SUBGRADE IMPROVEMENT. THE QUANTITY INCLUDED IN THE PLANS IS BASED ON THE SUBSURFACE INVESTIGATION PREPARED BY TESTING SERVICE CORPORATION RECOMMENDATIONS FOR UNDERCUT AREAS.
- ALL EXCAVATION AND EMBANKMENT LOCATIONS REQUIRING SEEDING SHALL BE CONSTRUCTED TO 4 INCHES BELOW FINISHED GRADE LINE TO ALLOW TOPSOIL PLACEMENT.
- PAVEMENT ELEVATIONS: THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES FOR THE PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

**COMMONWEALTH EDISON OVERHEAD LINES**

- COMMONWEALTH EDISON HAS DETERMINED THAT THE OVERHEAD LINES WILL NOT NEED TO BE RELOCATED DUE TO THE PROPOSED IMPROVEMENTS. HOWEVER, THEY WILL NOT DETERMINE OR SPECULATE IF THE CONTRACTOR'S OPERATION WILL REQUIRE DE-ENERGIZATION OF THE OVERHEAD LINES DUE TO HIS CONSTRUCTION OPERATIONS, PRIOR TO START OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH COMMONWEALTH EDISON TO DETERMINE IF HIS OPERATIONS WILL REQUIRE A TEMPORARY DISRUPTION OF SERVICE AND THE COURSE OF ACTION TO FOLLOW. COORDINATION AND COST ASSOCIATED WITH A TEMPORARY SHUTDOWN OF SERVICE, IF REQUIRED, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF THE ITEM REQUIRING THE TEMPORARY SHUTDOWN OF SERVICE.

**SURVEY DATUM**

THE HORIZONTAL DATUM IS NAD 83 AND THE VERTICAL DATUM IS NAVD 88.

**GEOTECHNICAL REPORT**

THOSE SEEKING THE FULL GEOTECHNICAL REPORT SHOULD CONTACT THE DESIGN CONSULTANT OF RECORD. FOR THIS INFORMATION PLEASE CONTACT:

MATT BALDWIN  
WBK ENGINEERING, LLC  
630-443-7755  
mbaldwin@wbkengineering.com

**COORDINATION WITH TOLLWAY PROJECTS**

THE CONTRACTOR SHALL COORDINATE THROUGH THE ENGINEER ALL CONSTRUCTION WORK ACTIVITIES AND MAINTENANCE OF TRAFFIC STAGING WITH ACTIVE TOLLWAY CONTRACTS RR-16-4253 AND RR-16-4254.

**TOLLWAY CONSTRUCTION PERMIT**

THE CONTRACTOR WILL BE REQUIRED TO SECURE A TOLLWAY CONSTRUCTION PERMIT FOR ALL WORK ACTIVITIES WITHIN THE TOLLWAY PROPERTY (SEE ATB SHEET #17 FOR LIMITS). THE PERMITTEE SHALL ALSO PROVIDE A SURETY BOND AS REQUIRED BY THE TOLLWAY. THE FORMS CAN BE FOUND ON THE TOLLWAY WEB PAGE AT:

<https://www.illinoistollway.com/doing-business/construction-engineering/construction-permits>

**DISTRICT 3 GENERAL NOTES**

- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS, DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
HMA RESURFACING	112	LBS/SQ YD/IN
SHORT TERM PAVEMENT MARKINGS	10	FT/100 FT OF APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE
BITUMINOUS MATERIALS (TACK COAT)	0.05	LBS/SQ FT
FERTILIZER	90	LBS/ACRE

**DISTRICT 3 NOTES (CONT.)**

- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:  

COMED	630-576-7094	DEKALB FIBER	815-991-2450
NICOR	630-388-2362	CENTURY LINK	636-887-4752
COMCAST	224-229-5862	KISHWAUKEE RECLAMATION DIST.	815-758-3513
ISHTA FIBER	815-782-7465		
- THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

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28-29	DETOUR PLAN
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90-103	CROSS SECTIONS - FAIRVIEW DRIVE

**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" (375 mm) THRU 72" (1800 mm) EQUIVALENT DIAMETER
542401-03	METAL FLARED END SECTIONS FOR PIPE CULVERTS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602401-04	PRECAST MANHOLE TYPE A 4' DIAMETER
602411-06	PRECAST MANHOLE TYPE A 7' DIAMETER
602421-06	PRECAST MANHOLE TYPE A 9' DIAMETER
602506-00	PRECAST VALVE VAULT TYPE A 5' DIAMETER
602701-02	MANHOLE STEPS
604001-04	FRAMES AND LIDS TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
635001-02	DELINEATORS
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 mm) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701701-10	URBAN SINGLE LANE CLOSURE, MULTILANE, INTERSECTION
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

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**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:2	CHECKED - MNB	REVISED -
PLOT DATE = 2/26/2018	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES,  
INDEX OF SHEETS & STANDARDS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	2
CONTRACT NO. 87664				
ILLINOIS		FED. AID PROJECT		

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
						80% FEDERAL 20% STATE			
						AG-SOUTH ROADWAY 0004 URBAN	AG-NORTH ROADWAY 0004 URBAN	FAIRVIEW DR ROADWAY 0004 URBAN	SAFETY 0021 URBAN
	S	20200100	EARTH EXCAVATION	CU YD	2,000	652	483	865	
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	446	77	197	172	
		20400800	FURNISHED EXCAVATION	CU YD	169			169	
		20800150	TRENCH BACKFILL	CU YD	77	1		76	
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,396	462	1,041	893	
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,094	348	256	490	
*		25000210	SEEDING, CLASS 2A	ACRE	1.6		0.4	1.2	
*		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	165	33	30	102	
*		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	165	33	30	102	
*		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	165	33	30	102	
*		25100630	EROSION CONTROL BLANKET	SQ YD	8,734	1,728	1,569	5,437	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	201		152	49	
		28000305	TEMPORARY DITCH CHECKS	FOOT	96	96			
		28000315	AGGREGATE DITCH CHECKS	TON	10	5		5	
		28000400	PERIMETER EROSION BARRIER	FOOT	2,979	579	1,239	1,161	
		28000500	INLET AND PIPE PROTECTION	EACH	9	3	2	4	
		28100105	STONE RIPRAP, CLASS A3	SQ YD	61		5	56	
	S	30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	2,396	462	1,041	893	
	S	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3,614	966	699	1,949	
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	360			360	
	S	35501313	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	SQ YD	432	432			
		35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	1,452		496	956	
	S	35600705	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 1/4"	SQ YD	23	23			
		35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	156		76	80	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,174	430	1,163	2,581	
		40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	56		8	48	
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	138		43	95	
		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	791		279	512	
		44000100	PAVEMENT REMOVAL	SQ YD	376	22	41	313	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	508		50	458	
		44004250	PAVED SHOULDER REMOVAL	SQ YD	479	479			
		44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	60			60	

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**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = bpottorff	DESIGNED -	REVISED -
PLOT SCALE = 1:2	DRAWN -	REVISED -
PLOT DATE = 3/21/2018	CHECKED -	REVISED -
	DATE = 03/20/18	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
 SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 3
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
						80% FEDERAL 20% STATE			
						AG-SOUTH ROADWAY 0004	AG-NORTH ROADWAY 0004	FAIRVIEW DR ROADWAY 0004	SAFETY 0021
						URBAN	URBAN	URBAN	URBAN
		44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	17			17	
		44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	123		96	27	
	S	48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	452		452		
		48203025	HOT-MIX ASPHALT SHOULDERS, 7"	SQ YD	617		95	522	
		50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2			
		50105220	PIPE CULVERT REMOVAL	FOOT	281		36	245	
		54262718	METAL FLARED END SECTIONS 18"	EACH	2			2	
	S	54263448	CONCRETE END SECTION, STANDARD 542011, 48", 1:4	EACH	1			1	
		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	13	13			
		550A4710	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	32			32	
		550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	36		36		
		550B0190	STORM SEWERS, CLASS B, TYPE 1 48"	FOOT	656			656	
*	S	56106600	ADJUSTING WATER MAIN 12"	FOOT	20			20	
*	S	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1			1	
*	S	56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	1			1	
		59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	56		56		
	S	60100935	PIPE DRAINS 10"	FOOT	50			50	
		60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	23	23			
		60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	385	385			
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
		60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2			2	
		60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1	
		60224457	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1			1	
		60224470	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1			1	
	S	60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1			1	
		60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1	
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3			3	
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	113			113	
	S	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	9		4	5	
		67100100	MOBILIZATION	LSUM	1		1		
		70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	410		410		
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,086	245	600	241	

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USER NAME = bpotterff	DESIGNED -	REVISED -
PLOT SCALE = 1:2	DRAWN -	REVISED -
PLOT DATE = 3/21/2018	CHECKED -	REVISED -
	DATE = 03/20/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 4
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
						80% FEDERAL 20% STATE			
						AG-SOUTH ROADWAY	AG-NORTH ROADWAY	FAIRVIEW DR ROADWAY	SAFETY
						0004 URBAN	0004 URBAN	0004 URBAN	0021 URBAN
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	439	149	206	84	
		70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	20,026		15,938	4,088	
		70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	356		356		
		70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	24		24		
	S	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	73	73			
	S	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	4,633	4,633			
	S	70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	130	130			
	S	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	34	34			
	S	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	61	61			
*		72000100	SIGN PANEL - TYPE 1	SQ FT	16	9		7	
*		72000200	SIGN PANEL - TYPE 2	SQ FT	10	10			
*		72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	80	21	15	29	15
*		72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	42		12		30
*		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	102		17	85	
*		73000100	WOOD SIGN SUPPORT	FOOT	51	51			
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	47			47	
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,386			2,386	
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	259			259	
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48			48	
*		78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	47		47		
*		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	6,064		6,064		
*		78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	529		529		
*		78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	207		207		
*		78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	42		42		
*		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	38		38		
*		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	37		37		
*	S	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1				1
*		81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	355				355
*		81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	306				306
*		81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	151				151
*		81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	159				159
*		81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4				4

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PLOT DATE = 3/21/2018	CHECKED -	REVISED -
	DATE - 03/20/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
						80% FEDERAL 20% STATE			
						AG-SOUTH ROADWAY	AG-NORTH ROADWAY	FAIRVIEW DR ROADWAY	SAFETY
						0004 URBAN	0004 URBAN	0004 URBAN	0021 URBAN
*		81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,305				1,305
*		84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2				2
*		84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1				1
*	S	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1				1
*		87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	350				350
*		87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,907				1,907
*		87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,299				1,299
*		87301295	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	350				350
*		87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,673				3,673
*		87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	137				137
*		87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	663				663
*		87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1				1
*		87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1				1
*		87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH	1				1
*		87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9				9
*		87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26				26
*		87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25				25
*		87900200	DRILL EXISTING HANDHOLE	EACH	6				6
*		88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1				1
*		88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3				3
*		88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3				3
*		88200100	TRAFFIC SIGNAL BACKPLATE	EACH	9				9
*		88500100	INDUCTIVE LOOP DETECTOR	EACH	13				13
*		88600100	DETECTOR LOOP, TYPE I	FOOT	2,641				2,641
*		89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1
*		89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	6				6
*		89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3				3
*		89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1				1
*	S	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2				2
*		89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,732				4,732
*	S	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7				7
*		89502380	REMOVE EXISTING HANDHOLE	EACH	3				3

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PLOT SCALE = 1:2	DRAWN -	REVISED -
PLOT DATE = 3/21/2018	CHECKED -	REVISED -
	DATE - 03/20/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	6
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
						80% FEDERAL 20% STATE			
						AG-SOUTH ROADWAY 0004 URBAN	AG-NORTH ROADWAY 0004 URBAN	FAIRVIEW DR ROADWAY 0004 URBAN	SAFETY 0021 URBAN
*		89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6				6
*	S	X0320026	BASE FOR SIGN SUPPORT, SPECIAL	EACH	1	1			
	S	X0321962	CONNECTION OF EXISTING PIPE UNDERDRAIN	EACH	1	1			
	S	X0322263	CULVERT DROP BOX	EACH	1			1	
	S	X0324079	EXISTING FIELD TILE REMOVAL	FOOT	50		25	25	
*	S	X0325839	SIGNAL TIMING	LSUM	1				1
*	S	X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	1		1		
	S	X0327131	DRAINAGE STRUCTURES, NO. 1	EACH	1	1			
	S	X0327132	DRAINAGE STRUCTURES, NO. 2	EACH	1	1			
	S	X0327584	GRADING AND SHAPING SHOULDERS, SPECIAL	FOOT	402		46	356	
	S	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,171		1,915	256	
	S	X0964700	SHOULDERS, SPECIAL	SQ YD	525	525			
*	S	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	4				4
	S	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	150	50	50	50	
*	S	X2200005	DELINEATOR (SPECIAL)	EACH	5	5			
*	S	X2501020	SEEDING, CLASS 2A (SPECIAL)	ACRE	0.3	0.3			
*	S	X2501750	SEEDING, CLASS 4 (SPECIAL)	ACRE	0.2	0.2			
	S	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5,628		1,994	3,634	
	S	X4811800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	992	992			
	S	X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1		1		
	S	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		1		
	S	X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	3		3		
*	S	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	11		11		
*	S	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1				1
*	S	X8860100	LOOP DETECTOR TESTING	EACH	1				1
*	S	X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1				1
	S	XX003168	WORK ZONE PAVEMENT MARKING REMOVAL, SPECIAL	FOOT	19,396	2,496	12,099	4,801	
	S	XX008438	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1		1		
	S	XX008616	HOT-MIX ASPHALT SURFACE COURSE, SPECIAL	SQ YD	456	456			
	S	Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	609			609	
	S	Z0013798	CONSTRUCTION LAYOUT	LSUM	1		1		
	S	Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	20	20			

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USER NAME = bpotterff	DESIGNED -	REVISED -
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PLOT DATE = 3/21/2018	CHECKED -	REVISED -
	DATE - 03/20/18	REVISED -

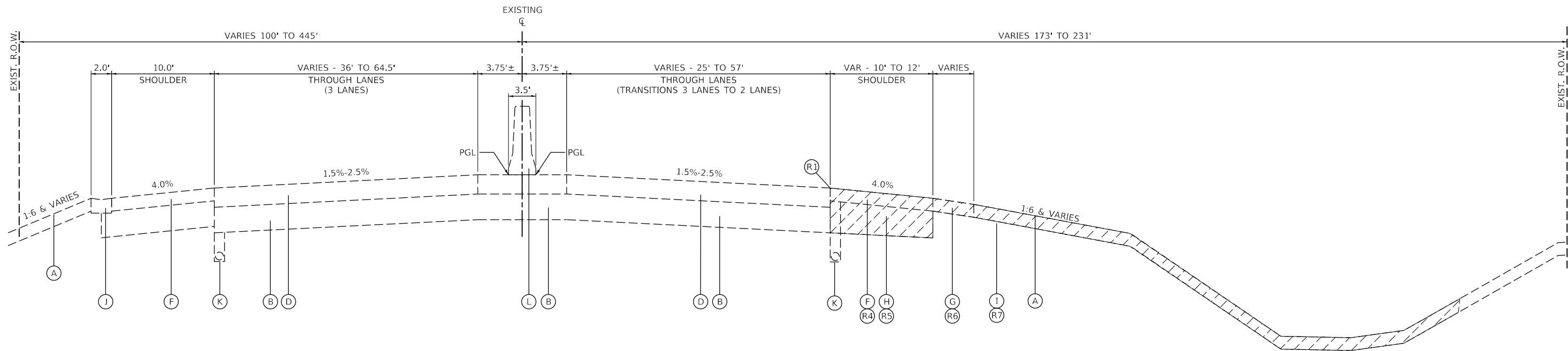
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 5	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 7
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				







**EXISTING TYPICAL SECTION NO. 1**  
STA 112+12.9 TO STA 116+70.1, TOLLWAY RAMP

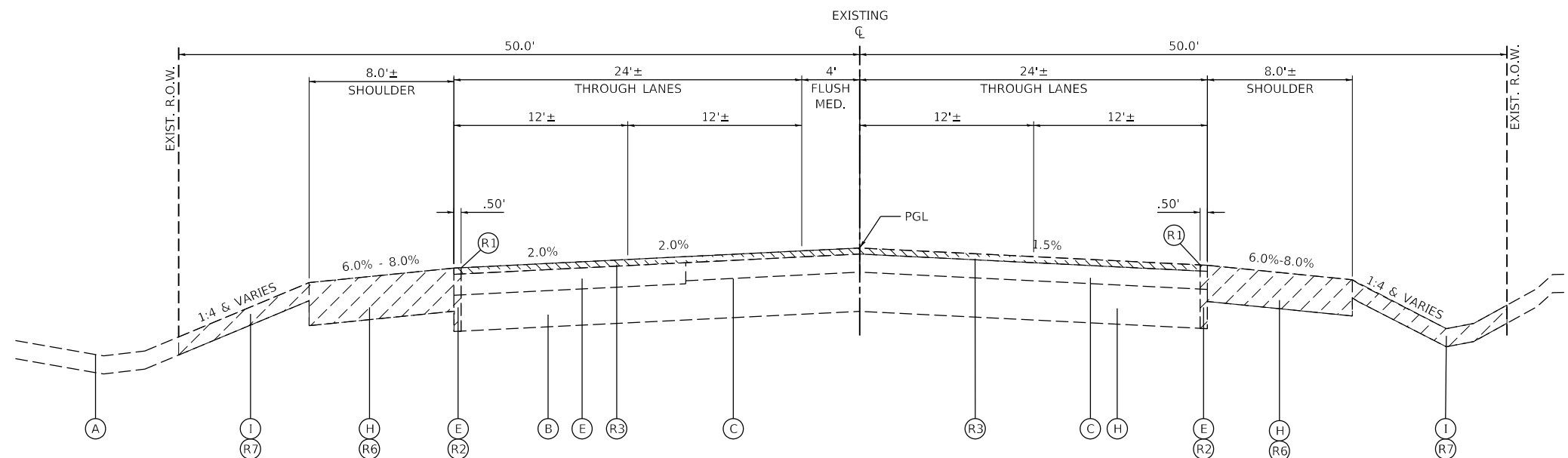
HMA PAVEMENT - FULL DEPTH REMOVAL  
STA 112+12.9 TO STA 116+70.1, RT

**LEGEND, EXISTING**

- (A) EXISTING GROUND
- (B) EXISTING AGGREGATE SUBGRADE, 12"
- (C) EXISTING HOT-MIX ASPHALT PAVEMENT - 8"
- (D) EXISTING HOT-MIX ASPHALT PAVEMENT - 9"
- (E) EXISTING HOT-MIX ASPHALT PAVEMENT, 10"-18"
- (F) EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- (G) EXISTING AGGREGATE SHOULDER, 6" & VAR.
- (H) EXISTING AGGREGATE SHOULDER, 10"-12"
- (I) EXISTING TOPSOIL, 6" AVG.
- (J) EXISTING CONCRETE GUTTER, TYPE G-2 (TOLLWAY STD.)
- (K) EXISTING UNDERDRAIN (TO REMAIN)
- (L) EXISTING CONCRETE MEDIAN AND BASE

**LEGEND, REMOVALS**

- (R1) SAWCUT, FULL DEPTH
- (R2) PAVEMENT REMOVAL, FULL DEPTH (HMA)
- (R3) HMA SURFACE REMOVAL, 2"-4"
- (R4) SHOULDER PAVEMENT REMOVAL
- (R5) AGGREGATE SHOULDER BASE REMOVAL (INCLUDED IN EARTH EX)
- (R6) AGGREGATE SHOULDER REMOVAL (INCLUDED IN EARTH EX)
- (R7) TOPSOIL STRIPPING



**EXISTING TYPICAL SECTION NO. 2**  
STA 116+70.1 TO STA 123+13.0, ANNIE GLIDDEN - NORTH

HMA SURFACE REMOVAL  
STA 116+73.0 TO STA 118+00.0, LT  
STA 116+73.0 TO STA 123+13.0, RT

HMA PAVEMENT - FULL DEPTH REMOVAL  
STA 116+73.0 TO STA 117+50.0, LT  
STA 116+88.0 TO STA 123+13.0, RT

**EXISTING PAVEMENT NOTES**

- INFORMATION ON PAVEMENT AND BASE COURSE THICKNESS WAS TAKEN FROM INFORMATION DOCUMENTED BY TESTING SERVICE CORPORATION IN THE "REPORT OF SUBSURFACE EXPLORATION" DATED SEPTEMBER 12, 2017. SEE ADDITIONAL NOTE BELOW.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE THICKNESS OF THE EXISTING PAVEMENTS TO BE REMOVED AND THE EXTENT TO WHICH THEY MAY BE REINFORCED (IF APPLICABLE). NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF VARIATIONS FROM THE ASSUMED THICKNESS SHOWN ON THE PLANS.

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	DATE - 02/26/18	REVISED -

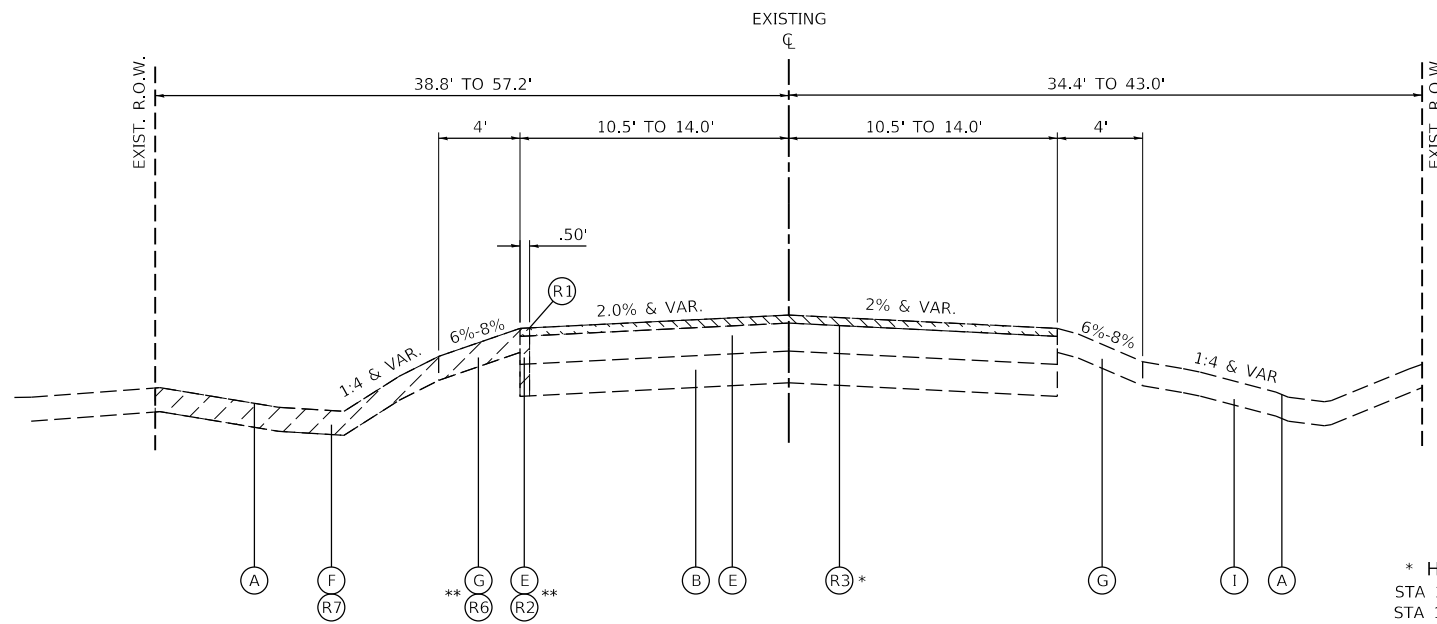
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

**LEGEND, EXISTING**

- (A) EXISTING GROUND
- (B) EXISTING AGGREGATE SUBGRADE, 8"-12"
- (C) EXISTING HOT-MIX ASPHALT PAVEMENT - 8"
- (D) EXISTING HOT-MIX ASPHALT PAVEMENT - 9"
- (E) EXISTING HOT-MIX ASPHALT PAVEMENT, 10"-18"
- (F) EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- (G) EXISTING AGGREGATE SHOULDER, 6" & VAR.
- (H) EXISTING AGGREGATE SHOULDER, 10"-12"
- (I) EXISTING TOPSOIL, 6" AVG.
- (J) EXISTING CONCRETE GUTTER, TYPE G-2 (TOLLWAY STD.)
- (K) EXISTING UNDERDRAIN (TO REMAIN)
- (L) EXISTING CONCRETE MEDIAN AND BASE

**LEGEND, REMOVALS**

- (R1) SAWCUT, FULL DEPTH
- (R2) PAVEMENT REMOVAL, FULL DEPTH (HMA)
- (R3) HMA SURFACE REMOVAL, 2"-4"
- (R4) SHOULDER PAVEMENT REMOVAL
- (R5) AGGREGATE SHOULDER BASE REMOVAL (INCLUDED IN EARTH EX)
- (R6) AGGREGATE SHOULDER REMOVAL (INCLUDED IN EARTH EX)
- (R7) TOPSOIL STRIPPING

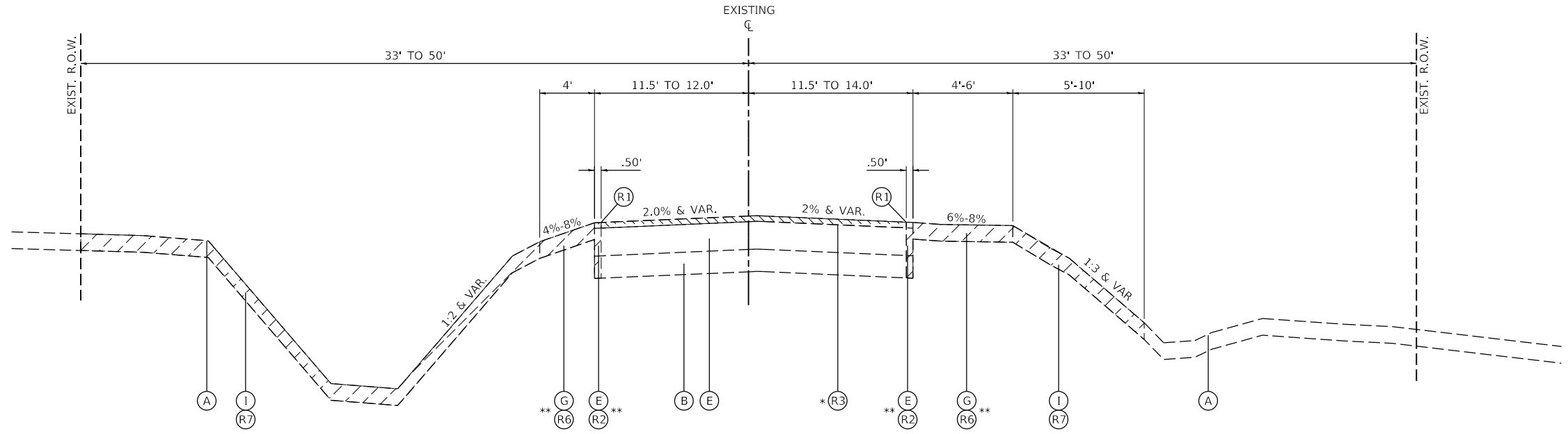


**EXISTING TYPICAL SECTION NO. 3**

STA 308+33.7 TO STA 310+00.0, FAIRVIEW DRIVE - WEST

\* HMA SURFACE REMOVAL  
STA 116+73.0 TO STA 118+00.0, LT  
STA 116+73.0 TO STA 123+13.0, RT

\*\* HMA PAVEMENT - FULL DEPTH REMOVAL  
STA 116+73.0 TO STA 117+50.0, LT  
STA 116+88.0 TO STA 123+13.0, RT



**EXISTING TYPICAL SECTION NO. 4**

STA 310+00.0 TO STA 318+55.0, FAIRVIEW DRIVE - EAST

\* HMA SURFACE REMOVAL  
STA 116+73.0 TO STA 118+00.0, LT  
STA 116+73.0 TO STA 123+13.0, RT

\*\* HMA PAVEMENT - FULL DEPTH REMOVAL  
STA 116+73.0 TO STA 117+50.0, LT  
STA 116+88.0 TO STA 123+13.0, RT



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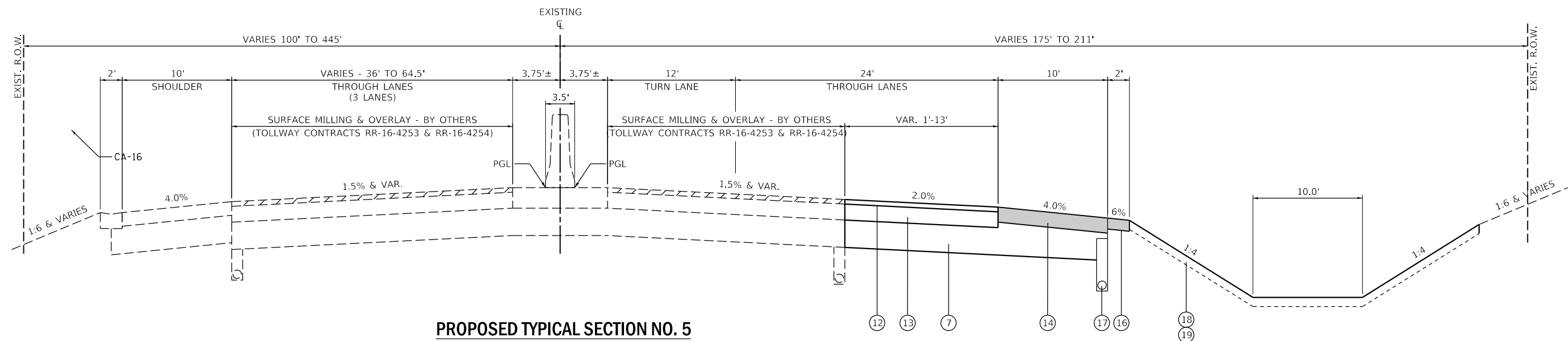
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	10
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

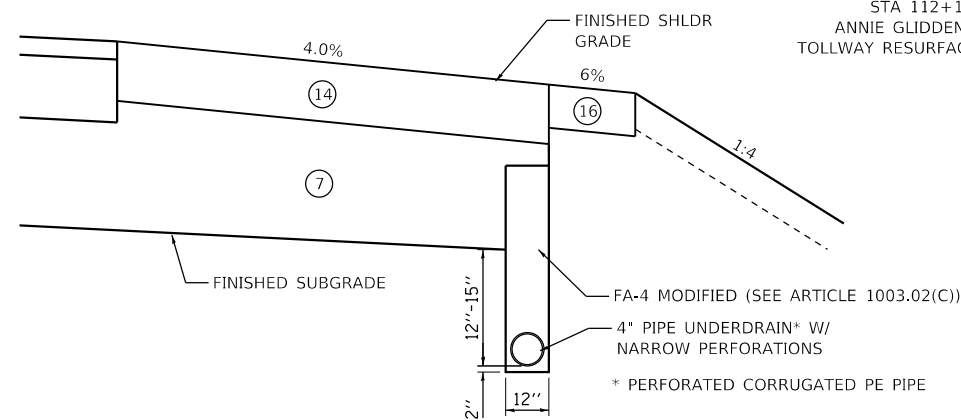


**PROPOSED TYPICAL SECTION NO. 5**

STA 112+12.9 TO STA 116+51.2  
ANNIE GLIDDEN SOUTH (TOLLWAY RAMP)  
TOLLWAY RESURFACING ENDS AT STA. 116+00.00

**WMA PAVEMENT WIDENING**  
STA 112+12.9 TO STA 116+51.2, RT

**WMA AND AGGREGATE SHOULDER**  
STA 112+12.9 TO STA 116+51.2, RT



**PIPE UNDERDRAIN DETAIL**

SEE DRAINAGE & UTILITY PLAN & PROFILE SHEETS FOR LOCATIONS

**LEGEND, PROPOSED ANNIE GLIDDEN-S (TOLLWAY RAMP)**

- ⑦ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑫ HOT-MIX ASHALT SURFACE COURSE, SPECIAL  
STONE MATRIX WARM-MIX ASPHALT SURFACE FRICTION COURSE, N80 (IL 12.5mm), 1 3/4"
- ⑬ HOT-MIX ASHALT BASE COURSE OR BASE COURSE WIDENING, 7 1/4"  
WARM-MIX ASPHALT BASE COURSE, N70 (WMA BINDER IL-19 mm), 7 1/4"
- ⑭ SHOULDERS, SPECIAL, 6"  
WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"  
WARM-MIX ASPHALT BINDER COURSE, N50 (IL-19 mm), 4"
- ⑯ AGGREGATE SHOULDERS (SPECIAL) 4"
- ⑰ PIPE UNDERDRAINS, TYPE 3, 4"
- ⑱ TOPSOIL FURNISH AND PLACE, 4"
- ⑲ SEEDING CL 2A (SPL) OR CL 4 (SPL) W/ FERTILIZER & EROSION CONTROL BLANKET

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS - ANNIE GLIDDEN-N & FAIRVIEW**

ITEM	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM	DENSITY TEST METHOD
<b>SURFACE COURSE</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"	4% @ 70 GYR.	QCOA	LR 1030
<b>HMA BASE COURSE, 8"</b>			
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 8" (2 1/4" MIN. - 4" MAX.)*	4% @ 70 GYR.	QCOA	LR 1030
<b>HMA BASE COURSE WIDENING, 8"</b>			
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm), 12" (2 1/4" MIN. - 4" MAX.)*	4% @ 70 GYR.	QCOA	LR 1030
<b>LEVELING COURSE</b>			
LEVELING BINDER (MACHINE METHOD), N70, VAR. 1/2" TO 3 1/2"	4% @ 70 GYR.	QCOA	SE
<b>HMA SHOULDERS, 7"</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR.	QCOA	LR 1030
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm), (2 1/4" MIN. - 4" MAX.)*	4% @ 50 GYR.	QCOA	LR 1030
<b>HMA PATCHING</b>			
CLASS D PATCHES (HMA BINDER IL-19 mm), (2 1/4" MIN. - 4" MAX.)*	4% @ 70 GYR.	QCOA	CORES
<b>HMA DRIVEWAYS - 10" (F.E.)</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR.	QCOA	SE
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 8" (F.E.) (2 1/4" MIN. - 4" MAX.)*	4% @ 50 GYR.	QCOA	SE
<b>TEMPORARY RAMP</b>			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% @ 50 GYR.	QCOA	SE

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.  
\*NUMBER OF LIFTS TO BE DETERMINED BY THE ENGINEER.  
SE = TO THE SATISFACTION OF THE ENGINEER.

**WARM-MIX ASPHALT MIXTURE REQUIREMENTS - ANNIE GLIDDEN-S (TOLLWAY RAMP)**

ITEM	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM	DENSITY TEST METHOD
<b>HOT-MIX ASHALT SURFACE COURSE, SPECIAL</b>			
STONE MATRIX WARM-MIX ASPHALT SURFACE FRICTION COURSE, N80 (IL 12.5mm), 1 3/4"	4% @ 80 GYR.	QCOA	LR 1030
<b>HOT-MIX ASHALT BASE COURSE OR BASE COURSE WIDENING, 7 1/4"</b>			
WARM-MIX ASPHALT BASE COURSE, N70 (WMA BINDER IL-19 mm), 7 1/4" (3.5" TYP)*	4% @ 70 GYR.	QCOA	LR 1030
<b>SHOULDERS, SPECIAL 6"</b>			
WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"	4% @ 70 GYR.	QCOA	LR 1030
WARM-MIX ASPHALT BINDER COURSE, N50 (IL-19 mm), (2 1/4" MIN. - 4 1/2" MAX.)*	4% @ 50 GYR.	QCOA	LR 1030

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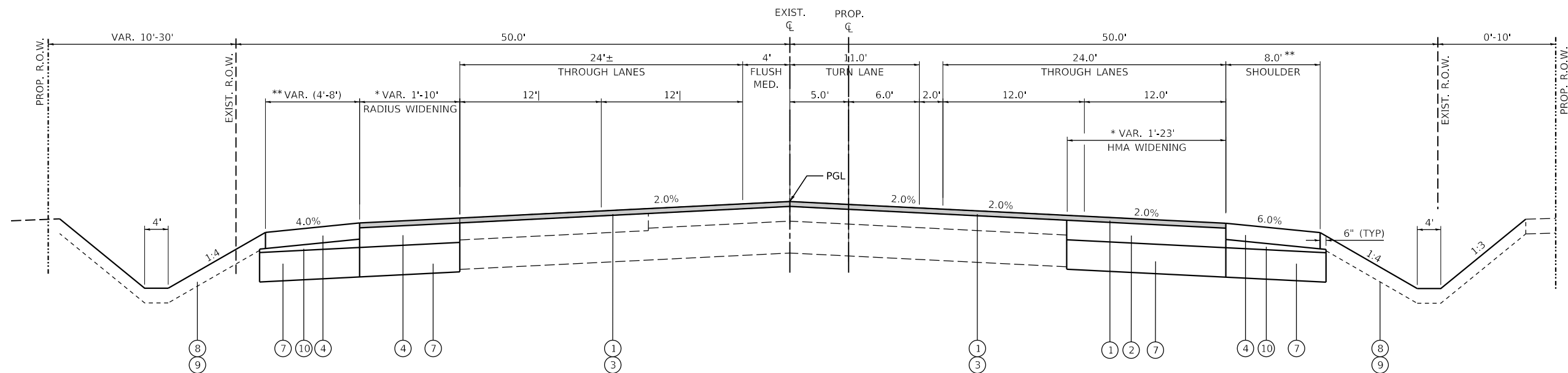
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	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
ANNIE GLIDDEN SOUTH (TOLLWAY PROPERTY)**

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

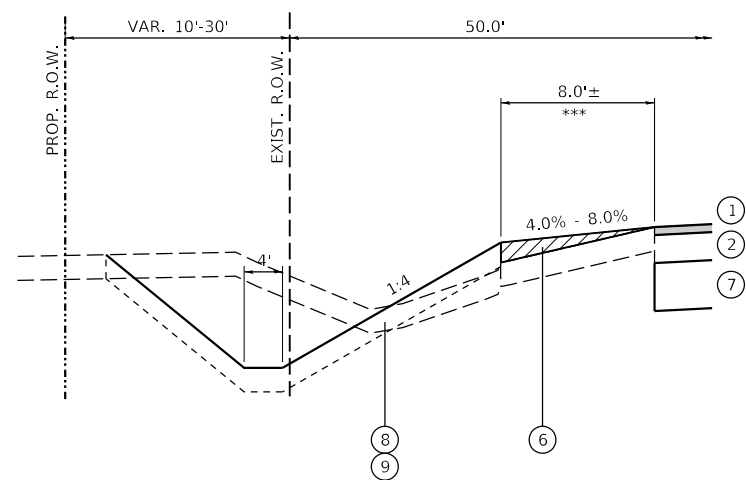
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5348	16-00189-00-WR	DEKALB	103	11
			CONTRACT NO. 87664	
		ILLINOIS FED. AID PROJECT		



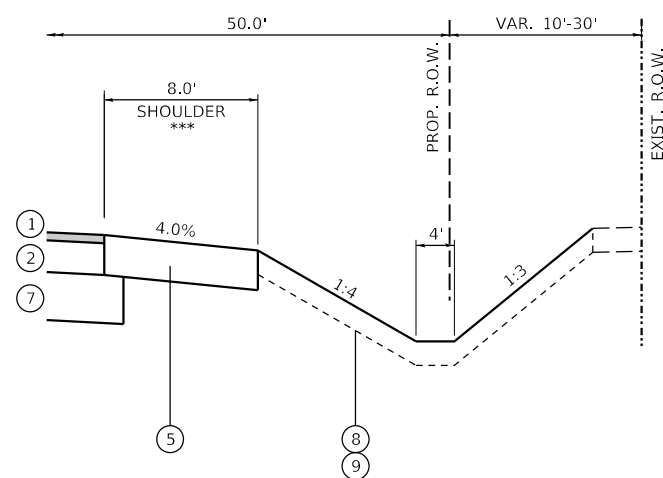
**PROPOSED TYPICAL SECTION NO. 6**  
 STA 116+70.1 TO STA 123+13.0, ANNIE GLIDDEN - NORTH

\*HMA PAVEMENT WIDENING  
 STA 116+79.0 TO STA 117+50.0, LT  
 STA 116+79.0 TO STA 123+13.0, RT

\*\*HMA SHOULDER  
 STA 118+10.2 TO STA 123+13.0, RT  
 STA 116+70.1 TO STA 118+00.0, LT



**\*\*\*PROPOSED GRADING AND SHAPING SHOULDERS SPECIAL**  
 STA 116+70.1 TO STA 118+00.0, LT



**\*\*\*PROPOSED AGGREGATE SHOULDER**  
 STA 118+10.2 TO STA 123+13.0, RT

**LEGEND, PROPOSED ANNIE GLIDDEN-N/FAIRVIEW**

- ① 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ② HOT-MIX ASPHALT BASE COURSE AND BASE COURSE WIDENING, 8"
- ③ LEVELING BINDER (MACHINE METHOD), N70
- ④ HOT-MIX ASPHALT SHOULDERS, 7"
- ⑤ AGGREGATE SHOULDERS, TYPE B 10"
- ⑥ GRADING AND SHAPING SHOULDERS SPECIAL
- ⑦ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑧ TOPSOIL FURNISH AND PLACE, 4"
- ⑨ SEEDING CL 2A W/FERTILIZER & EROSION CONTROL BLANKET
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B (INCLUDED IN HMA SHOULDER, 7")
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, B-6.24

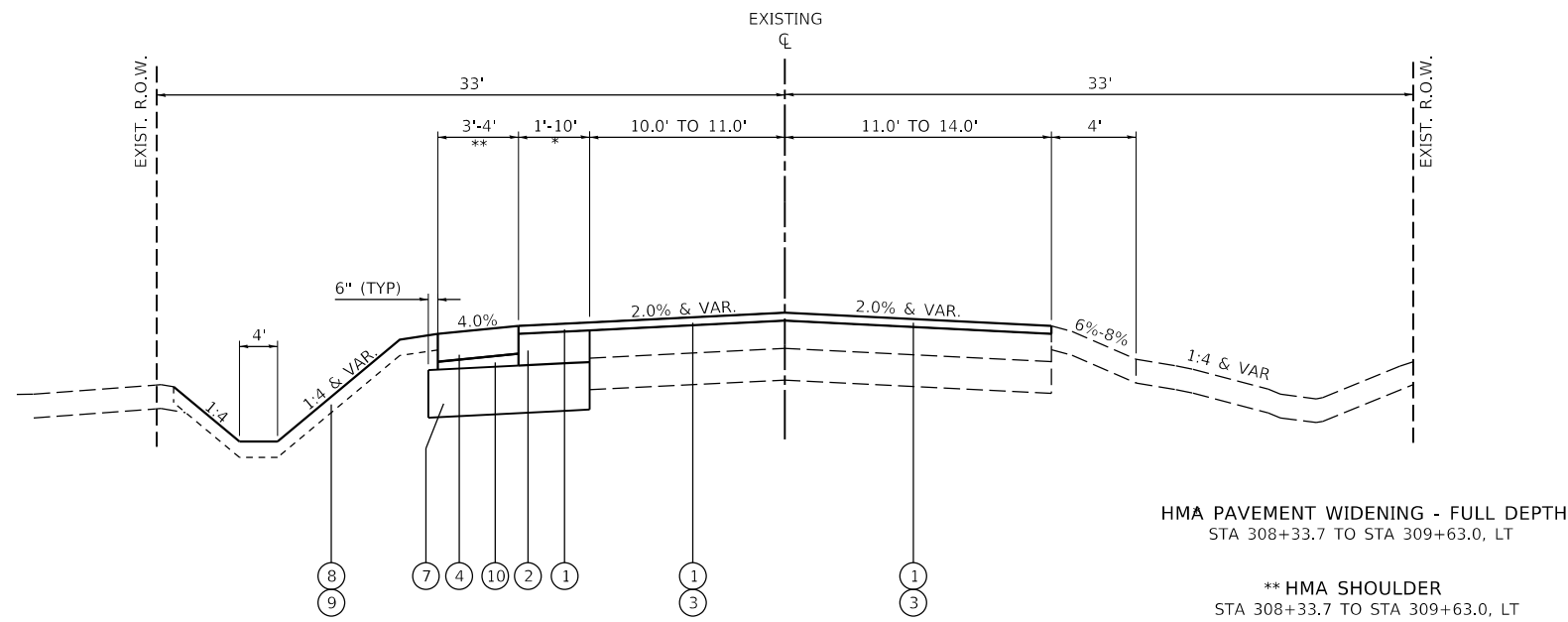
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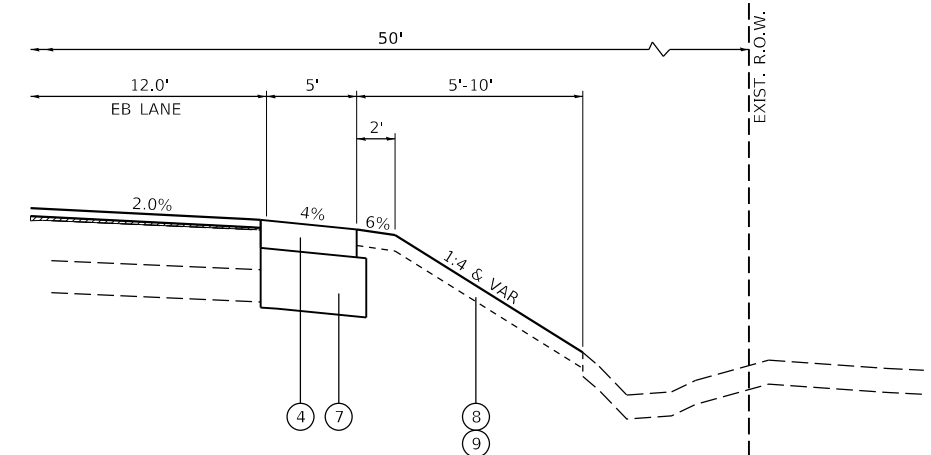
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

**LEGEND, PROPOSED (ANNIE GLIDDEN-N/FAIRVIEW)**

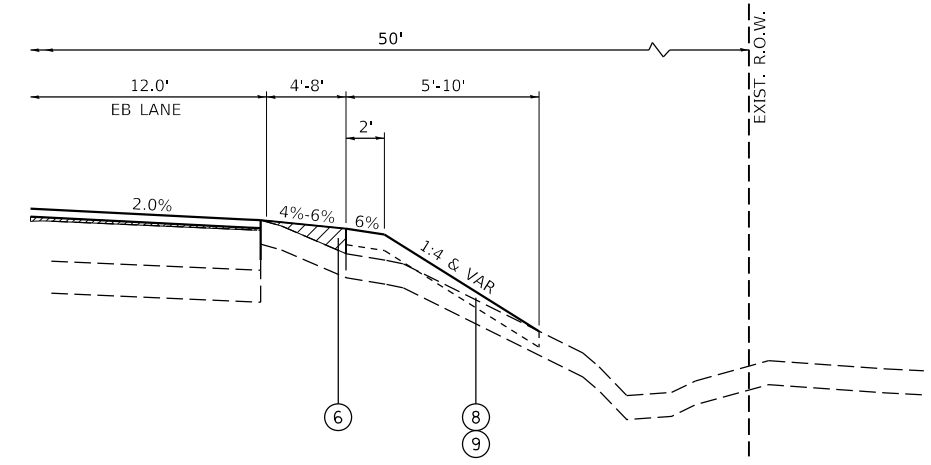
- ① 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ② HOT-MIX ASPHALT BASE COURSE AND BASE COURSE WIDENING, 8"
- ③ LEVELING BINDER (MACHINE METHOD), N70
- ④ HOT-MIX ASPHALT SHOULDERS, 7"
- ⑤ AGGREGATE SHOULDERS, TYPE B 10"
- ⑥ GRADING AND SHAPING SHOULDERS SPECIAL
- ⑦ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑧ TOPSOIL FURNISH AND PLACE, 4"
- ⑨ SEEDING CL 2A W/FERTILIZER & EROSION CONTROL BLANKET
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B (INCLUDED IN HMA SHOULDER, 7")
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, B-6.24



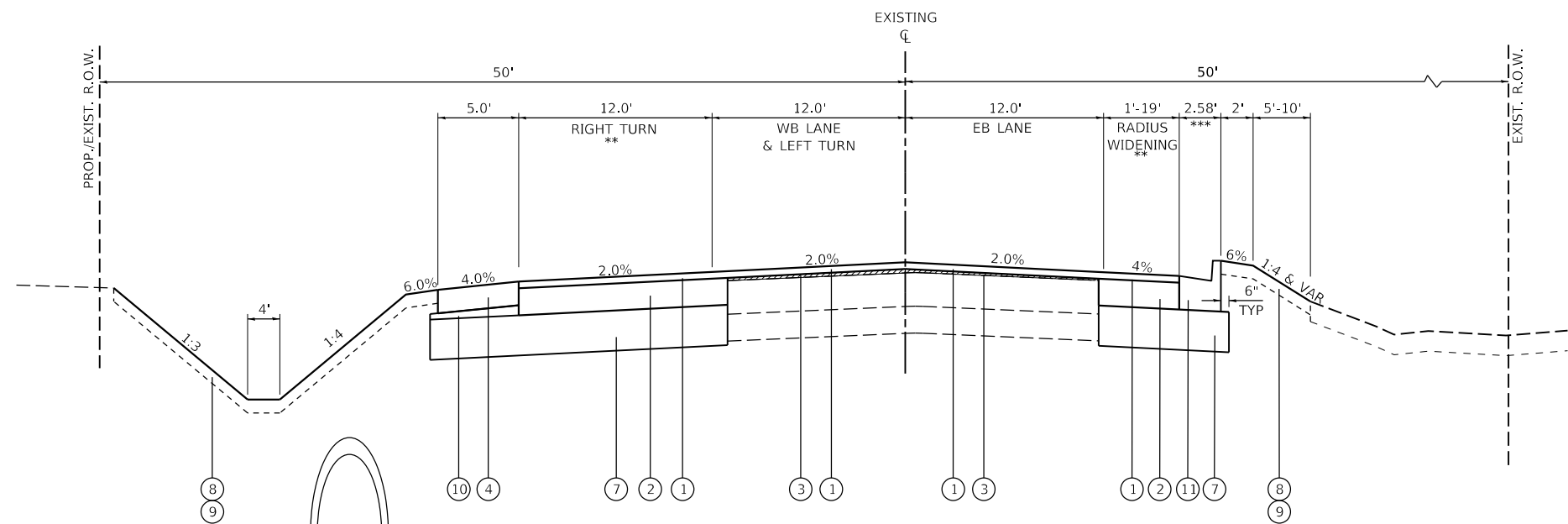
**PROPOSED TYPICAL SECTION NO. 7**  
STA 308+33.7 TO STA 310+00.0, FAIRVIEW DRIVE - WEST



**HMA SHOULDER**  
STA. 310+37.4 TO STA 316+25.4, LT  
STA. 310+50.0 TO STA 316+25.0, RT

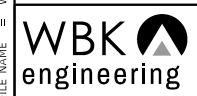


**GRADING AND SHAPING SHOULDERS SPECIAL**  
STA. 316+25.4 TO STA 318+55.0, LT (8' WIDE)  
STA. 316+25.0 TO STA 318+55.0, RT (4' WIDE)



**PROPOSED TYPICAL SECTION NO. 8**  
STA 310+00.0 TO STA 318+55.0, FAIRVIEW DRIVE - EAST

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	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS  
FAIRVIEW DRIVE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	13
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

# EARTHWORK SUMMARY

LOCATION	EARTHWORK			TOPSOIL			SUBGRADE IMPROVEMENT		
	20200100		20400800	21101505			20201200	30300001	21001000
	EARTHWORK EXCAVATION	EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION & PLACEMENT	TOPSOIL EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-) (NO SHRINKAGE)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(SQ YD)
ANNIE GLIDDEN SOUTH	652.0	298.0	256.0	348.0	171.0	178.0	77.0	77.0	462.0
ANNIE GLIDDEN NORTH	483.0	225.0	186.0	256.0	139.0	117.0	152.0	152.0	907.0
FAIRVIEW DRIVE	865.0	1008.0	-273.0	490.0	265.0	226.0	127.0	127.0	759.0
R.E. DESCRETION							90.0	90.0	268.0
<b>TOTAL</b>	<b>2000.0</b>	<b>1531.0</b>	<b>169.0</b>	<b>1094.0</b>	<b>575.0</b>	<b>521.0</b>	<b>446.0</b>	<b>446.0</b>	<b>2396.0</b>

**EARTHWORK GENERAL NOTES**

1. ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS.
2. SHRINKAGE FACTOR, ASSUMED TO BE 15% FOR THIS PROJECT IS ESTIMATED FOR THE PURPOSE OF DETERMINING A BALANCE OF EARTHWORK. THE CONTRACTOR SHALL ESTIMATE HIS OWN SHRINKAGE FACTORS IN DETERMINING HIS EARTHWORK. NO PAYMENT WILL BE MADE ON EARTHWORK QUANTITIES DUE TO VARIATION IN THE SHRINKAGE FACTOR SINCE EARTHWORK IS MEASURED IN ITS FINAL POSITION.
3. RECOMMENDATIONS OUTLINED IN THE REPORTS OF SOIL EXPLORATION REPORT PREPARED BY TESTING SERVICE CORPORATION, DATED, SEPTEMBER 12, 2017 WERE USED IN PREPARATION OF THE ROADWAY PLANS AND RELATED QUANTITY CALCULATIONS.
4. FOR THE PURPOSE OF ESTIMATING THE TOPSOIL STRIPPING QUANTITIES, THE TOPSOIL THICKNESS WAS ESTIMATED AT SIX (6) INCHES.
5. IF UNDERCUTS ARE ENCOUNTERED, UNDERCUTS WILL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL". AFTER TOPSOIL STRIPPING AND VEGETATION CLEARING AND PRIOR TO UNDERCUTTING, THE SUBGRADE WILL BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER IN ACCORDANCE WITH THE IDOT SUBGRADE STABILITY MANUAL TO DETERMINE REMEDIAL TREATMENT.
6. TESTING OF SUBGRADES AND EMBANKMENTS WILL BE REQUIRED. TESTING REQUIREMENTS WILL BE PER THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND THE SUBGRADE STABILITY MANUAL. PROOF ROLLS MAY BE REQUIRED BY THE ENGINEER.
7. BASED ON THE GEOTECHNICAL REPORT, AN ESTIMATED 446 CY OF AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR LOCATIONS WHERE SOILS TEND TO BE UNSTABLE WHEN WET. AN ADDITIONAL 90 CY HAVE BEEN INCLUDED TO BE USED AT THE RE'S DISCRETION. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE SOILS ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL AND ROLLED USING FULL LOAD SEMI), IF UNSUITABLE AND/OR UNSTABLE MATERIALS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
8. EARTH EXCAVATION SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING OR SEQUENCING OF CONTRACTORS OPERATIONS THAT REQUIRE STOCKPILING OF MATERIALS FOR LATER USE FOR REDISTRIBUTION AND RESPREADING IN SHOULDERS AND CONSTRUCTING OF EMBANKMENTS.
9. TOPSOIL EXCAVATION WILL INCLUDE EXCAVATION OF THE TOPSOIL MATERIAL IN ITS ORIGINAL POSITION, TEMPORARY STOCK PILING FOR LATER USE, RE-HANDLING AND SPREADING OF THE FINAL TOPSOIL COURSE FOR THE THICKNESS SPECIFIED.

**ESTIMATED THICKNESS  
FOR UNDERCUTTING, AGGREGATE  
IMPROVEMENT SUBGRADE AND  
GEOTECHNICAL FABRIC**

BORING	LOCATION	THICKNESS
SB8	308+33 TO 308+40	6 INCHES
SB5	310+82 TO 312+38	6 INCHES
SB6	312+38 TO 315+00	6 INCHES
SB7	110+54 TO 115+55	6 INCHES
SB5	116+70 TO 117+47	6 INCHES

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PLOT DATE = 2/26/2018	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	14
CONTRACT NO. 87664				
ILLINOIS		FED. AID PROJECT		

# EARTHWORK SCHEDULE

LOCATION	END AREAS					TOPSOIL			EARTHWORK		
	TOPSOIL STRIPPING (TSS)	TOPSOIL EMBANKMENT	EXCAVATION (CUT)	EMBANKMENT (FILL)	UNDERCUT	21101505 TOPSOIL EXCAVATION & PLACEMENT	TOPSOIL EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-) (NO SHRINKAGE)	20200100 EARTHWORK EXCAVATION	EMBANKMENT	20400800 BALANCE WASTE (+) OR SHORTAGE (-)
	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
<b>ANNIE GLIDDEN SOUTH (TOLLWAY)</b>											
112+00.00	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.4	4.1	0.5	3.0
112+13.00	3.0	1.3	16.9	2.1	0.0	2.1	0.9	1.2	20.6	4.0	13.5
112+51.29	0.0	0.0	12.1	3.5	0.0	11.3	3.2	8.1	23.3	23.5	-3.7
112+91.00	15.3	4.3	19.5	28.5	0.0	4.6	1.3	3.3	6.9	7.6	-1.7
113+00.00	12.5	3.7	22.2	16.9	0.0	43.9	20.9	23.0	54.0	31.1	14.8
113+50.00	35.0	18.9	36.2	16.7	0.0	50.8	27.1	23.7	59.7	26.8	23.9
113+89.74	34.1	18.0	45.0	19.8	0.0	12.9	6.8	6.1	17.8	7.0	8.1
114+00.00	33.9	17.8	48.5	17.0	0.0	63.3	33.2	30.1	114.4	45.1	52.1
114+50.00	34.5	18.1	75.0	31.7	0.0	47.5	23.2	24.3	117.3	57.3	42.4
114+86.00	36.8	16.7	100.9	54.2	0.0	18.2	8.9	9.3	48.5	22.0	19.2
115+00.00	33.5	17.5	86.2	30.7	0.0	53.5	26.7	26.8	121.2	45.0	58.0
115+50.00	24.3	11.4	44.7	17.9	0.0	39.2	18.0	21.2	63.8	28.0	26.2
116+00.00	18.1	8.1	24.2	12.3	0.0						
<b>SHRINKAGE FACTOR</b>			<b>15%</b>		<b>TOTAL</b>	<b>348.0</b>	<b>170.5</b>	<b>177.5</b>	<b>651.6</b>	<b>297.9</b>	<b>256.0</b>
					<b>ADJ. TOTAL</b>	<b>348.0</b>	<b>171.0</b>	<b>178.0</b>	<b>652.0</b>	<b>298.0</b>	<b>256.0</b>

LOCATION	END AREAS					TOPSOIL			EARTHWORK		
	TOPSOIL STRIPPING (TSS)	TOPSOIL EMBANKMENT	EXCAVATION (CUT)	EMBANKMENT (FILL)	UNDERCUT	21101505 TOPSOIL EXCAVATION & PLACEMENT	TOPSOIL EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-) (NO SHRINKAGE)	20200100 EARTHWORK EXCAVATION	EMBANKMENT	20400800 BALANCE WASTE (+) OR SHORTAGE (-)
	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
<b>ANNIE GLIDDEN NORTH</b>											
117+50.00	30.2	15.5	71.9	10.3	0.0	46.2	23.3	22.9	92.3	25.6	52.9
118+00.00	19.7	9.7	27.8	17.3	0.0	29.7	13.6	16.1	47.2	24.7	15.4
118+50.00	12.3	5.0	23.3	9.3	0.0	21.4	9.3	12.1	42.9	20.4	16.1
119+00.00	10.8	5.1	23.0	12.7	0.0	19.5	10.1	9.4	46.9	24.5	15.4
119+50.00	10.2	5.7	27.6	13.7	0.0	20.1	11.4	8.7	55.4	25.5	21.6
120+00.00	11.5	6.6	32.3	13.8	0.0	21.9	11.9	10.0	49.2	22.3	19.5
120+50.00	12.2	6.3	20.8	10.2	0.0	21.2	11.1	10.1	34.4	18.9	10.3
121+00.00	10.7	5.7	16.3	10.2	0.0	20.0	11.1	8.9	29.2	19.5	5.3
121+50.00	11.0	6.3	15.3	10.9	0.0	19.2	11.6	7.6	28.0	18.4	5.4
122+00.00	9.8	6.2	15.0	9.0	0.0	17.5	11.7	5.8	27.5	12.7	10.7
122+50.00	9.1	6.4	14.7	4.8	0.0	16.5	11.8	4.7	24.4	10.1	10.6
123+00.00	8.8	6.3	11.7	6.1	0.0	2.4	1.8	0.6	5.1	2.4	1.9
123+12.30	1.6	1.4	10.8	4.5	0.0						
<b>SHRINKAGE FACTOR</b>			<b>15%</b>		<b>TOTAL</b>	<b>255.6</b>	<b>138.7</b>	<b>116.9</b>	<b>482.5</b>	<b>225.0</b>	<b>185.1</b>
					<b>ADJ. TOTAL</b>	<b>256.0</b>	<b>139.0</b>	<b>117.0</b>	<b>483.0</b>	<b>225.0</b>	<b>186.0</b>

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**WBK ENGINEERING, LLC**  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = nparris  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE - 02/26/18  
 PLOT SCALE = 1:2  
 PLOT DATE = 2/26/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	15
CONTRACT NO. 87664				
ILLINOIS		FED. AID PROJECT		

# EARTHWORK SCHEDULE

LOCATION	END AREAS					TOPSOIL			EARTHWORK		
	TOPSOIL STRIPPING (TSS)	TOPSOIL EMBANKMENT	EXCAVATION (CUT)	EMBANKMENT (FILL)	UNDERCUT	21101505 TOPSOIL EXCAVATION & PLACEMENT	TOPSOIL EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-) (NO SHRINKAGE)	20200100 EARTHWORK EXCAVATION	EMBANKMENT	20400800 BALANCE WASTE (+) OR SHORTAGE (-)
	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
<b>FAIRVIEW DR</b>											
308+00.00	0.0	0.0	0.0	0.0	0.0						
308+33.65	8.6	5.5	12.2	10.3	0.0	5.3	3.4	1.9	7.6	6.4	0.1
308+56.08	9.2	4.8	32.2	5.4	0.0	7.4	4.3	3.1	18.4	6.5	9.1
308+75.00	11.9	7.5	25.7	6.9	0.0	7.4	4.3	3.1	20.3	4.3	13.0
309+00.00	19.1	11.5	46.6	6.0	0.0	14.3	8.8	5.5	33.5	6.0	22.5
OMIT INTERSECTION					0.0						
310+75.00	18.0	5.8	31.6	36.2	0.0						
311+00.00	16.4	6.2	31.8	32.8	0.0	15.9	5.6	10.3	29.4	31.9	-6.9
311+50.00	12.0	4.7	17.6	33.2	0.0	26.3	10.1	16.2	45.8	61.1	-22.2
311+89.63	14.0	5.2	44.1	35.0	0.0	19.1	7.3	11.8	45.3	50.1	-11.6
312+50.00	21.9	11.5	24.8	56.7	0.0	40.1	18.7	21.4	77.0	102.6	-37.2
313+00.00	23.3	11.8	24.8	60.7	0.0	41.9	21.6	20.3	46.0	108.8	-69.7
313+50.00	23.7	12.3	26.6	55.8	0.0	43.6	22.4	21.2	47.6	107.9	-67.4
314+00.00	16.1	9.1	25.8	42.4	0.0	36.9	19.9	17.0	48.5	90.9	-49.7
314+59.55	14.1	8.8	59.8	32.4	0.0	33.2	19.8	13.4	94.5	82.4	-2.1
315+00.00	11.6	9.5	15.3	40.0	0.0	19.2	13.7	5.5	56.3	54.2	-6.3
315+25.00	19.8	12.9	15.1	57.2	0.0	14.5	10.4	4.1	14.0	45.0	-33.1
315+50.00	19.4	12.7	11.4	76.3	0.0	18.1	11.8	6.3	12.3	61.8	-51.3
315+88.00	21.4	2.9	25.5	31.7	0.0	28.7	10.9	17.8	26.0	76.0	-53.9
316+20.00	14.5	9.9	14.9	54.8	0.0	21.3	7.6	13.7	23.9	51.2	-30.9
316+42.78	7.4	1.1	53.8	1.2	0.0	9.2	4.7	4.5	29.0	23.6	1.1
316+56.00	13.3	9.0	20.0	8.0	0.0	5.1	2.5	2.6	18.1	2.2	13.2
316+80.00	14.6	10.2	52.0	2.6	0.0	12.4	8.5	3.9	32.0	4.7	22.5
317+00.00	15.5	10.5	45.3	5.0	0.0	11.1	7.7	3.4	36.0	2.8	27.8
317+50.00	12.7	9.0	23.9	4.2	0.0	26.1	18.0	8.1	64.1	8.5	46.0
318+00.00	10.6	7.7	10.4	6.6	0.0	21.6	15.4	6.2	31.8	10.0	17.0
318+25.00	10.7	7.7	10.5	6.0	0.0	9.9	7.1	2.8	9.7	5.8	2.4
318+50.00	8.5	6.2	10.3	9.2							
<b>SHRINKAGE FACTOR</b>			<b>15%</b>		<b>TOTAL</b>	<b>488.6</b>	<b>264.5</b>	<b>224.1</b>	<b>867.1</b>	<b>1004.7</b>	<b>-267.7</b>
					<b>ADJ. TOTAL</b>	<b>489.0</b>	<b>265.0</b>	<b>225.0</b>	<b>868.0</b>	<b>1005.0</b>	<b>-268.0</b>

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**WBK ENGINEERING, LLC**  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = nparris  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 PLOT DATE = 2/26/2018

REVISED -  
 REVISED -  
 REVISED -  
 DATE - 02/26/18

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	16
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				





POT STA 124+38.46  
N 1909903.860  
E 864358.907

PROJECT ENDS  
STA 123+13.00

ANNIE GLIDDEN ROAD (NORTH)

1120

POT STA 116+70.10 (ANNIE GLIDDEN NORTH)  
POT STA 310+00.00 (FAIRVIEW DRIVE)  
N 1909135.790  
E 864379.984

PI STA 311+69.25  
N 1909136.205  
E 864549.238

IMPROVEMENTS END  
STA 318+55.00

POT STA 306+14.47  
N 1909134.845  
E 863994.455

IMPROVEMENTS BEGIN  
STA 308+33.65

HCP 104

94°33'31"

ANNIE GLIDDEN ROAD (SOUTH)

1115

POT STA 116+70.10 (ANNIE GLIDDEN SOUTH)  
POT STA 309+95.57 (FAIRVIEW DRIVE)  
N 1909135.779  
E 864375.553

ILLINOIS TOLLWAY  
PROPERTY  
AND JURISDICTION

FAIRVIEW DRIVE

HCP 152

PI STA 316+14.49  
N 1909132.667  
E 864994.455

POT STA 319+97.55  
N 1909127.747  
E 865377.486

PROJECT BEGINS  
STA 109+24.50

POT STA 109+24.47  
N 1908392.427  
E 864317.283

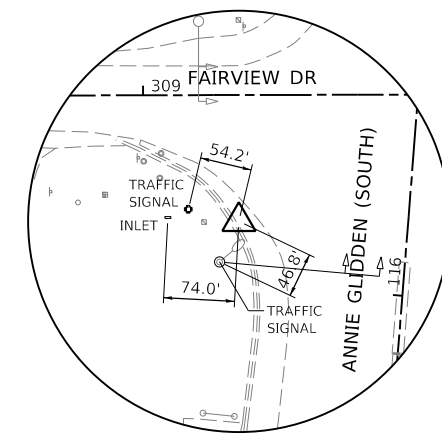
**LEGEND**

- = BENCH MARK (BM) LOCATION
- △ = HORIZONTAL CONTROL POINT (HCP) LOCATION

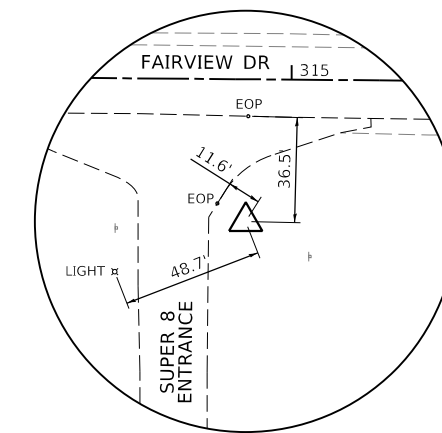
**VERTICAL REFERENCE MARK**

NATIONAL GEODETIC SURVEY MARK: MF0471  
A STANDARD SURVEY DISK, STAMPED Q50 1934. LOCATED APPROXIMATELY 1.1 MILES SOUTHWEST ALONG THE CHICAGO AND NORTH WESTERN RAILWAY FROM THE STATION AT ELVA, DEKALB COUNTY, AT A ROAD CROSSING, 27' FEET NORTHEAST OF THE CENTER OF THE ROAD, 13 FEET SOUTHEAST OF THE CENTERLINE OF THE TRACK, 15 FEET SOUTH OF A CATTLEGUARD FENCE, AND LEVEL WITH THE TRACK.  
ELEVATION: 877.52 (NAVD 88)

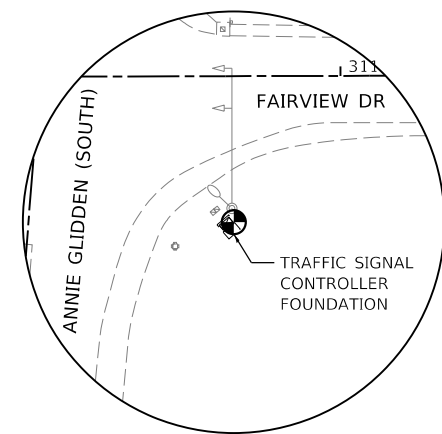
■ TOLLWAY PROPERTY



HORIZONTAL CONTROL POINT NO. 104



HORIZONTAL CONTROL POINT NO. 152



BENCH MARK NO. 402

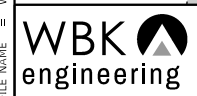
**HORIZONTAL CONTROL POINTS (NAD 83)**

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
104	1909091.746	864313.281	858.675	AGSOUTH	116+21.34	58.64' LT	MAG NAIL IN PAVEMENT
152	1909084.340	864864.046	856.548	FAIRVIEW	314+84.46	49.36' RT	IRON ROD

**BENCH MARKS (NAVD 88)**

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
402	1909085.210	864442.906	858.467	AGSOUTH	116+24.95	71.10' RT	CHISLED X ON TRAFFIC CONTROLLER FOUNDATION

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DESIGNED - SBP  
DRAWN - NDP  
CHECKED - MNB  
PLOT SCALE = 1:200  
PLOT DATE = 2/26/2018

REVISIONS  
REVISED -  
REVISED -  
REVISED -  
REVISED -

DATE - 02/26/18

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**ALIGNMENT, TIES & BENCHMARKS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	17

CONTRACT NO. 87664  
ILLINOIS FED. AID PROJECT

**LEGEND**

- PAVEMENT REMOVAL, FULL DEPTH (HMA)
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SHOULDER & DRIVEWAY PAVEMENT REMOVAL, FULL DEPTH
- AGG DRIVEWAY & SHOULDER REMOVAL (INCLUDED IN EARTH EXCAVATION)
- CLASS D PATCH, 10" TYPE AS SPECIFIED
- LINEAR ITEM REMOVAL, AS SPECIFIED
- ITEM TO BE REMOVED, AS SPECIFIED
- ITEM TO BE RELOCATED, AS SPECIFIED
- ITEM TO BE ADJUSTED, AS SPECIFIED
- REMOVE RAISED REFLECTIVE MARKER COMPLETE
- REMOVE REFLECTOR ONLY

**DELINEATOR REMOVAL:**

THE DELINEATOR AND POST REMOVAL SHALL BE INCLUDED IN DELINEATOR (SPECIAL).



PROJECT BEGINS STA. 109+24.50

IMPROVEMENTS BEGIN STA. 112+12.90

PAVEMENT REMOVAL, FULL DEPTH (HMA) STA. 112+12.9 TO STA. 114+00.0 (RT) 11 SQ YD

SURFACE MILLING & OVERLAY - BY OTHERS (TOLLWAY CONTRACTS RR-16-4253 & RR-16-4254)

HMA SHOULDER REMOVAL STA. 112+12.9 TO STA. 114+00.0 (RT) 217 SQ YD

RAMP LIGHTING TO BE REMOVED (BY OTHERS - TOLLWAY CONTRACT RR-16-4253 & RR-16-4254)

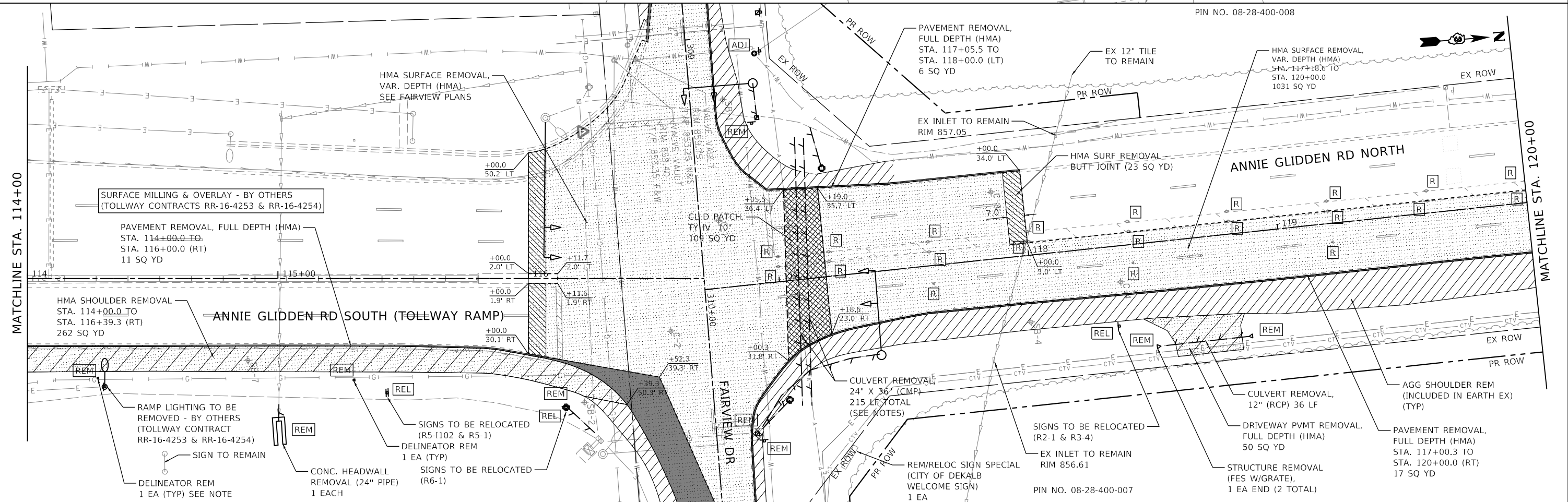
DRIVEWAY PVMT REMOVAL, FULL DEPTH (AGG) 112 SQ YD

CONC. HEADWALL REMOVAL (6" PIPE) 1 EACH

CONC. HEADWALL TO REMAIN

DELINEATOR REM 1 EA (TYP) SEE NOTE

REM HANDHOLE 1 EA (TYP)



FILE NAME = W:\Projects\2017\170192 AnnieGliddenFairview\Plan\170192-REM\_01.dgn



**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


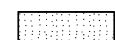
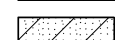
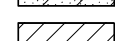

**REMOVAL PLAN  
ANNIE GLIDDEN ROAD**

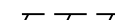





SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 109+24.50 TO STA. 120+00.00

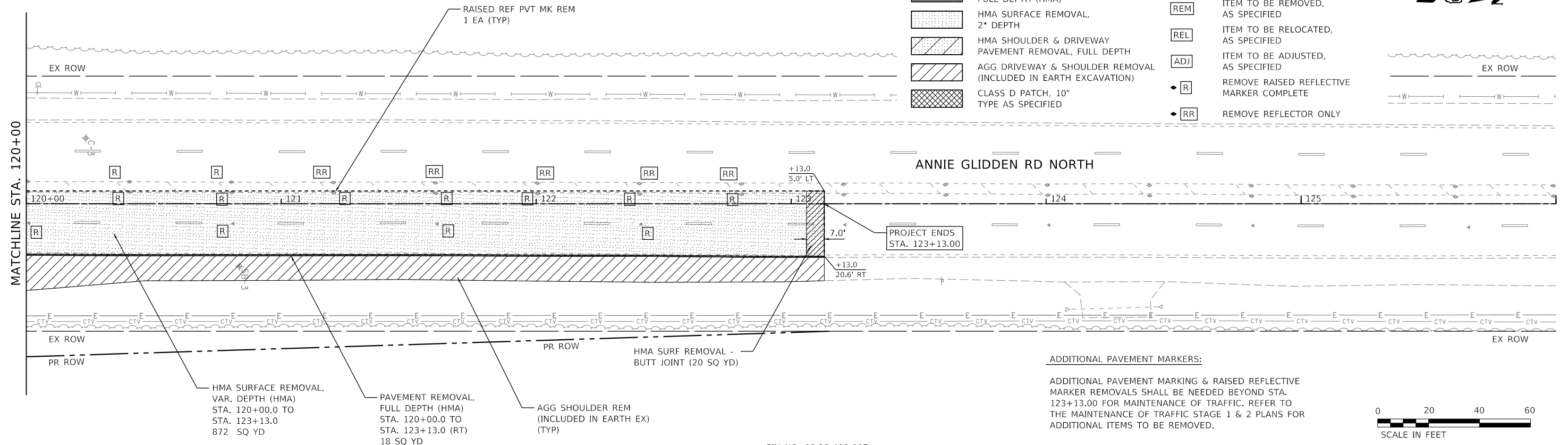
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	18
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

PIN NO. 08-28-400-008

**LEGEND**

-  PAVEMENT REMOVAL, FULL DEPTH (HMA)
-  HMA SURFACE REMOVAL, 2" DEPTH
-  HMA SHOULDER & DRIVEWAY PAVEMENT REMOVAL, FULL DEPTH
-  AGG DRIVEWAY & SHOULDER REMOVAL (INCLUDED IN EARTH EXCAVATION)
-  CLASS D PATCH, 10" TYPE AS SPECIFIED

-  LINEAR ITEM REMOVAL, AS SPECIFIED
-  ITEM TO BE REMOVED, AS SPECIFIED
-  ITEM TO BE RELOCATED, AS SPECIFIED
-  ITEM TO BE ADJUSTED, AS SPECIFIED
-  REMOVE RAISED REFLECTIVE MARKER COMPLETE
-  REMOVE REFLECTOR ONLY



**ADDITIONAL PAVEMENT MARKERS:**

ADDITIONAL PAVEMENT MARKING & RAISED REFLECTIVE MARKER REMOVALS SHALL BE NEEDED BEYOND STA. 123+13.00 FOR MAINTENANCE OF TRAFFIC. REFER TO THE MAINTENANCE OF TRAFFIC STAGE 1 & 2 PLANS FOR ADDITIONAL ITEMS TO BE REMOVED.



PIN NO. 08-28-400-007

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**WBK ENGINEERING, LLC**  
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(630) 443-7755

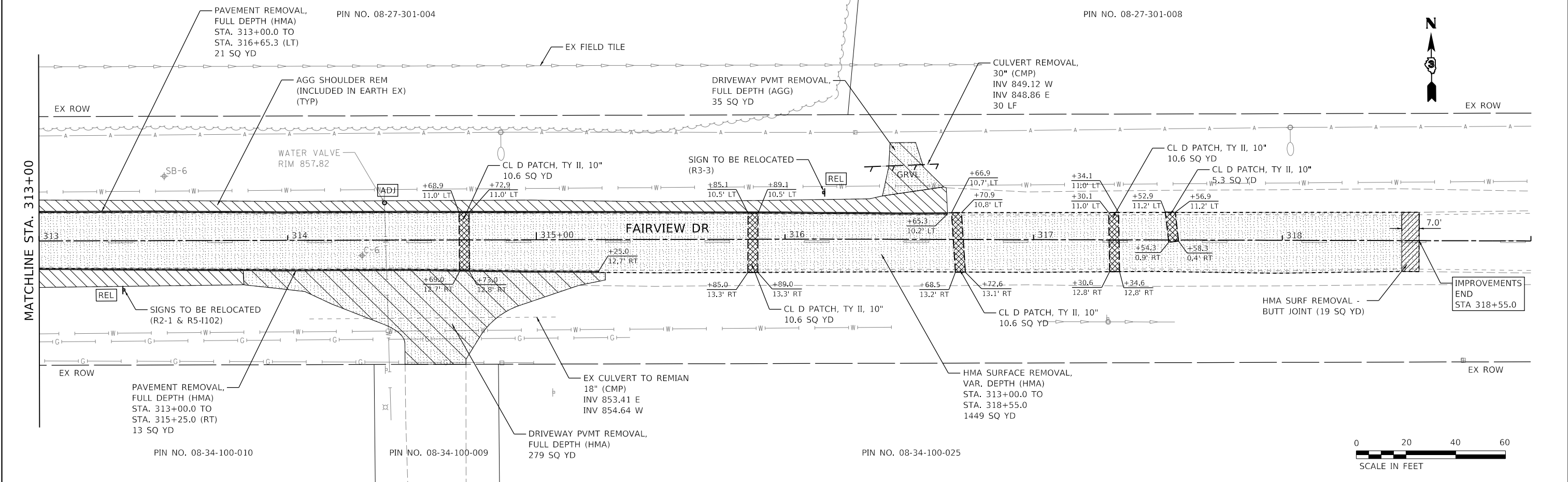
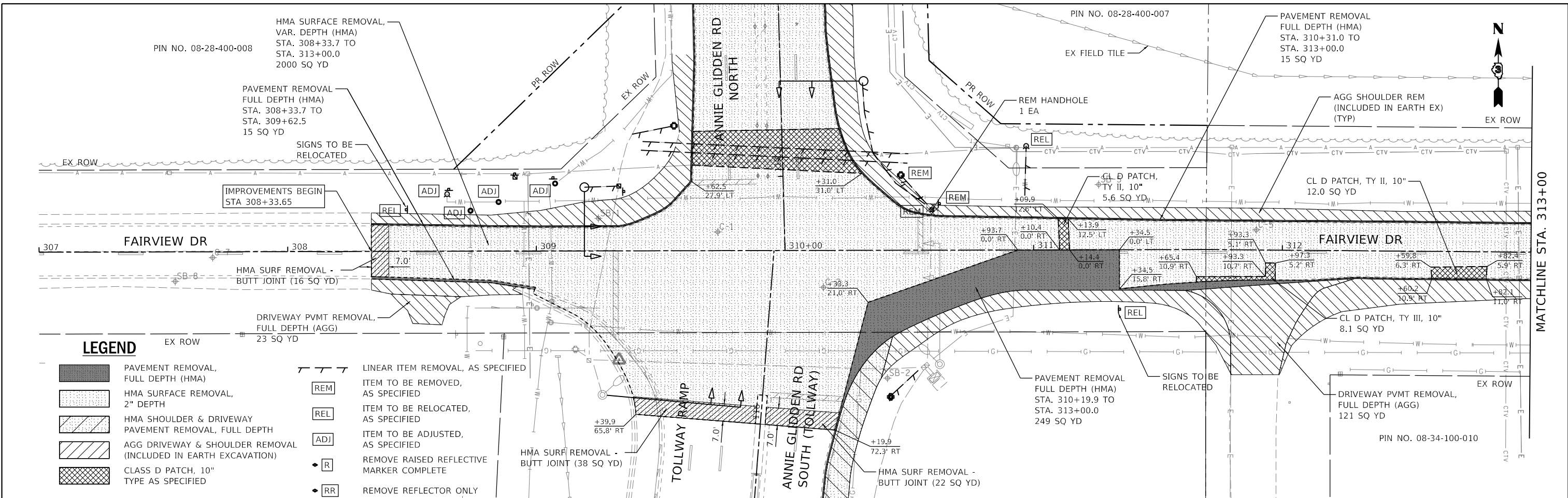
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PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
ANNIE GLIDDEN ROAD**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 120+00.00 TO STA. 123+13.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	19
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				



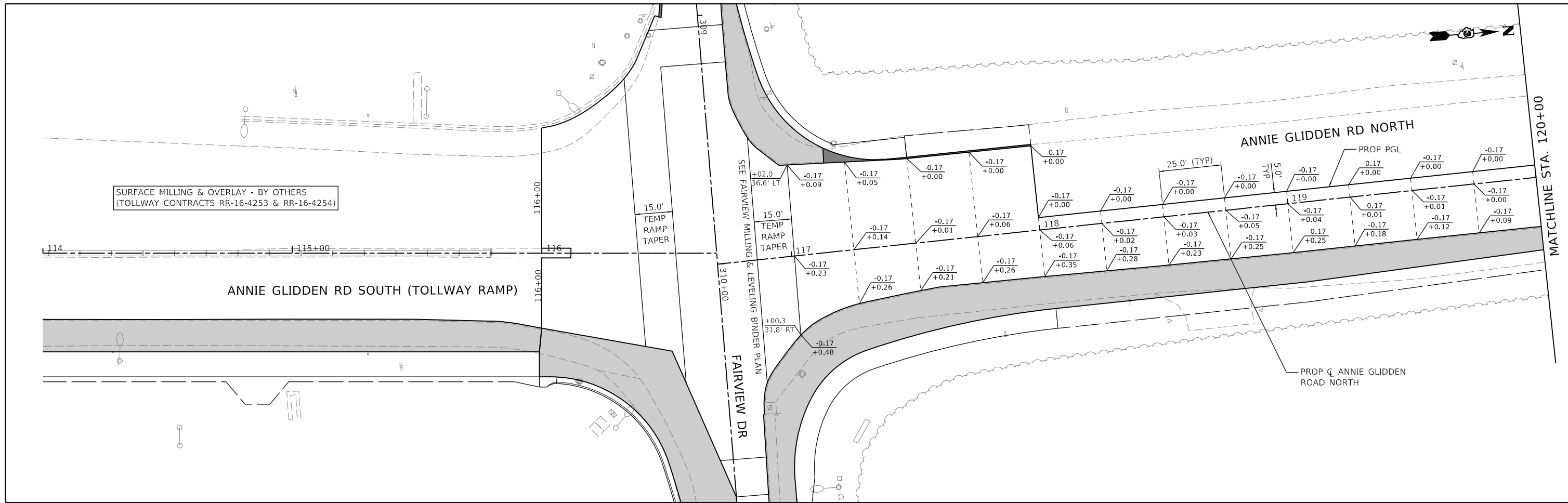
USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
FAIRVIEW ROAD**

SCALE: 1"=20'    SHEET 3 OF 3 SHEETS    STA. 308+33.65 TO STA. 318+55.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	20
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

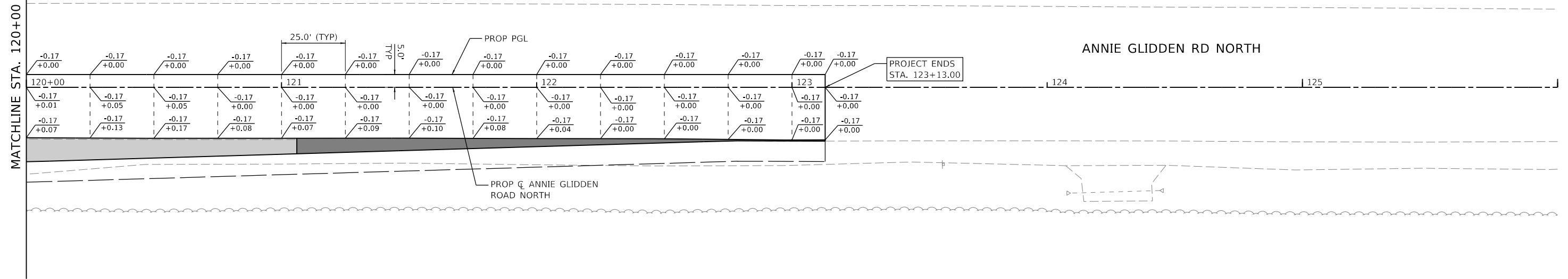


**LEGEND**

- 0.17 MILLING DEPTH
- +0.25 LEVELING BINDER
- HMA OVERLAY, AS SPECIFIED
- PAVEMENT WIDENING, HMA BASE COURSE
- PAVEMENT WIDENING HMA BASE COURSE WIDENING

**NOTES**

1. ALL DEPTHS ARE LISTED IN FEET.
2. REFER TO INTERSECTION GRADING PLAN AND CROSS SECTION SHEETS FOR GRADE ELEVATIONS.
3. REFER TO THE PLAN & PROFILE SHEETS FOR ADDITIONAL PLAN INFORMATION.



FILE NAME = W:\Projects\2017\170192 - AnnieGliddenFairview\Plan\170192-MILL\_01.dgn

**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -




**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

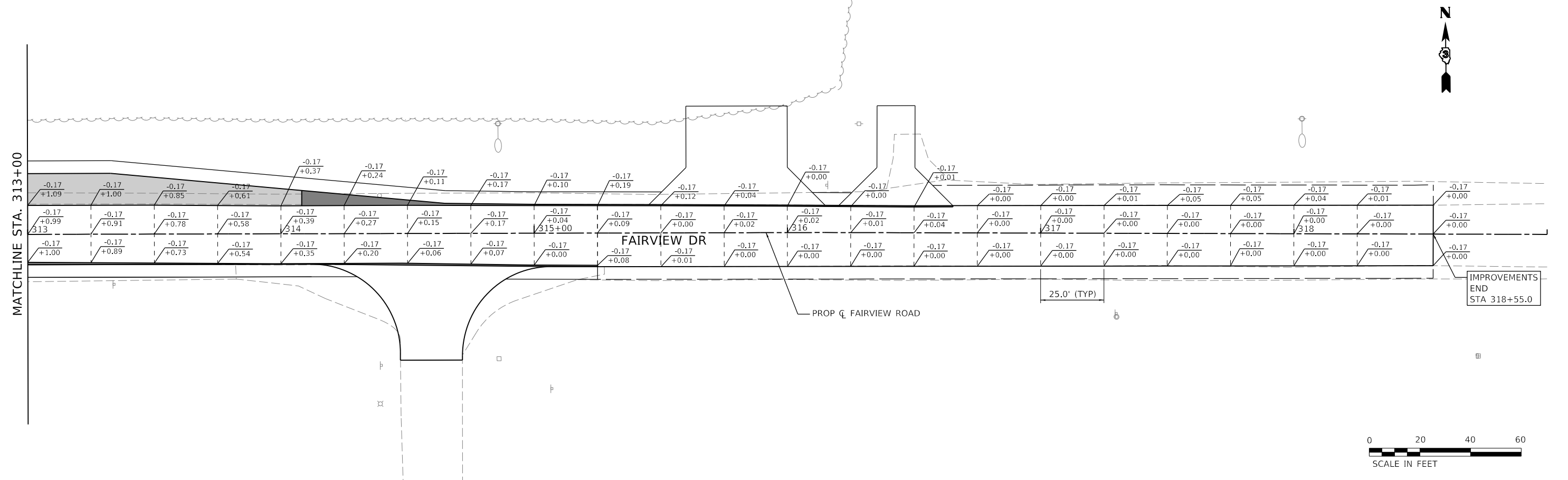
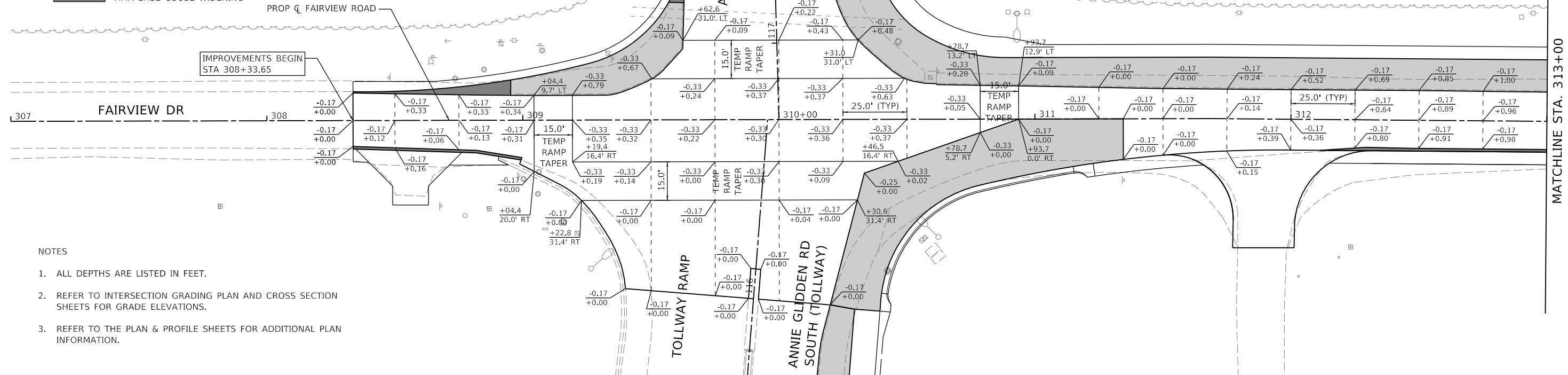
**MILLING & LEVELING BINDER PLAN  
 ANNIE GLIDDEN ROAD**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 114+00.00 TO STA. 123+13.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

**LEGEND**

- 0.17 MILLING DEPTH
- +0.25 LEVELING BINDER
-  HMA OVERLAY, AS SPECIFIED
-  PAVEMENT WIDENING - HMA BASE COURSE
-  PAVEMENT WIDENING - HMA BASE COURSE WIDENING



FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairview\Plan\170192-MILL\_02.dgn

**WBK engineering**  
WBK ENGINEERING, LLC  
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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MILLING &amp; LEVELING BINDER PLAN FAIRVIEW ROAD</b>			
SCALE: 1"=20'	SHEET 2	OF 2 SHEETS	STA. 308+33.65 TO STA. 318+55.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

**LEGEND**

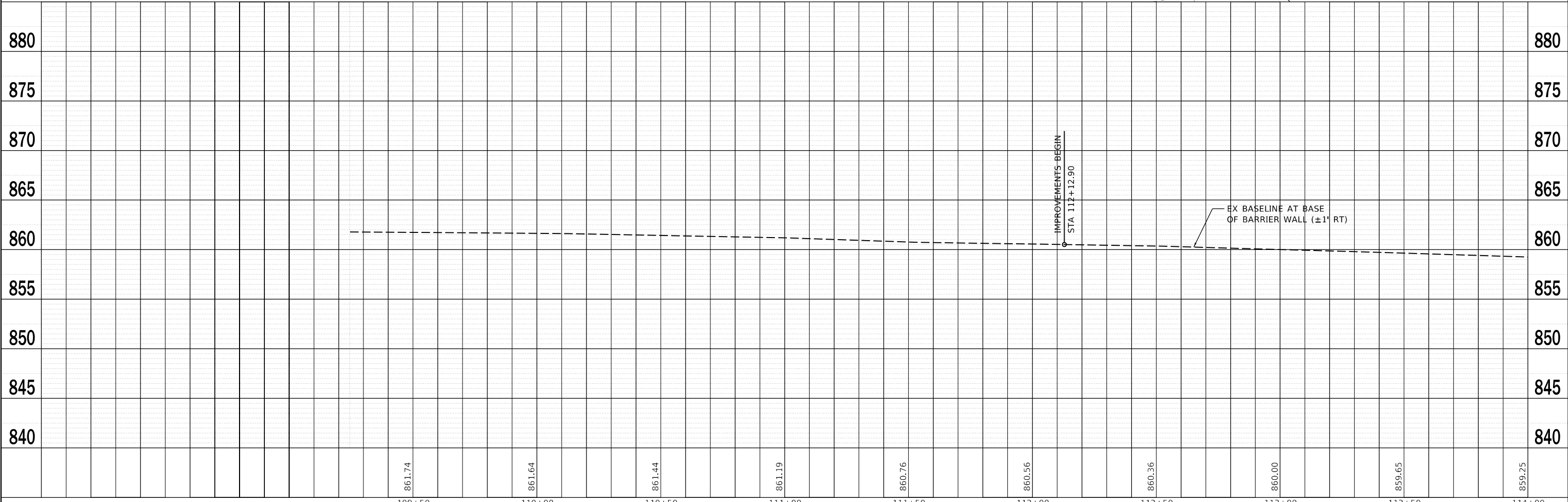
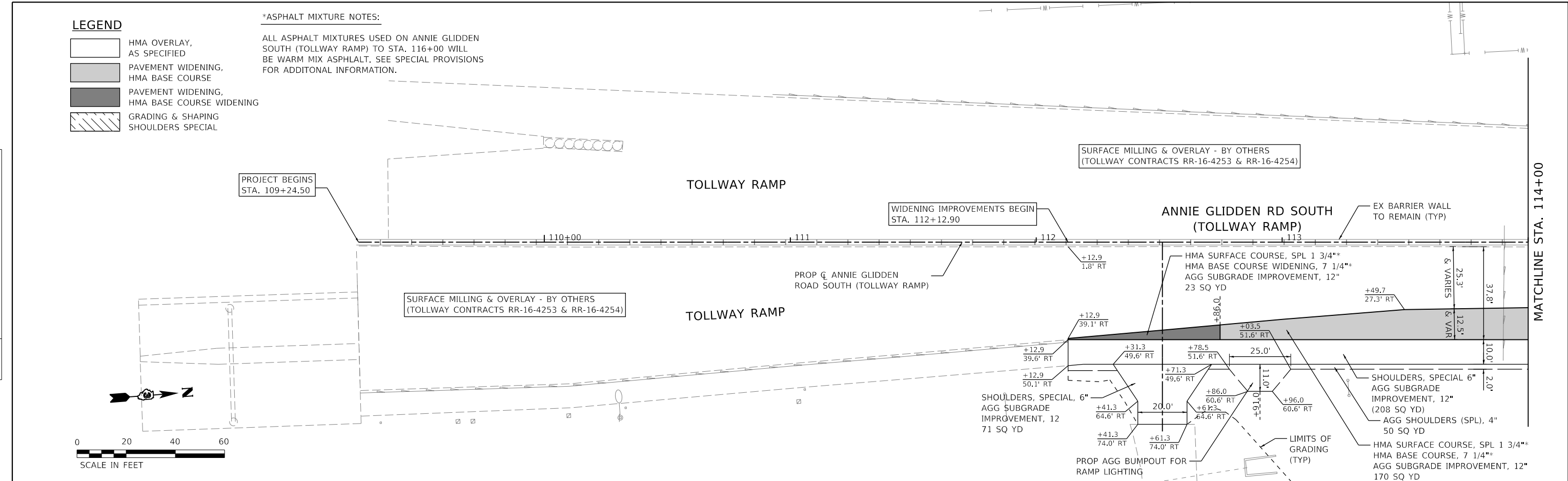
- HMA OVERLAY, AS SPECIFIED
- PAVEMENT WIDENING, HMA BASE COURSE
- PAVEMENT WIDENING, HMA BASE COURSE WIDENING
- GRADING & SHAPING SHOULDERS SPECIAL

**\*ASPHALT MIXTURE NOTES:**

ALL ASPHALT MIXTURES USED ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP) TO STA. 116+00 WILL BE WARM MIX ASPHALT. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	DATE
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NO.	



	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00
	861.74	861.64	861.44	861.19	860.76	860.56	860.36	860.00	859.65	859.25

**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

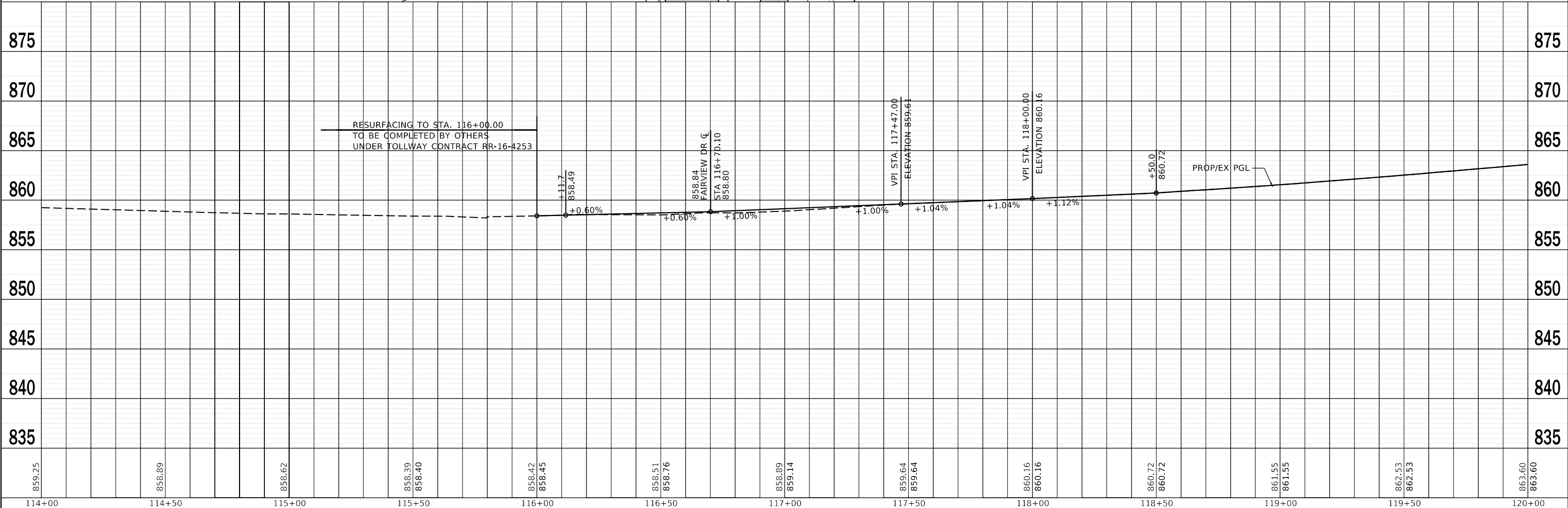
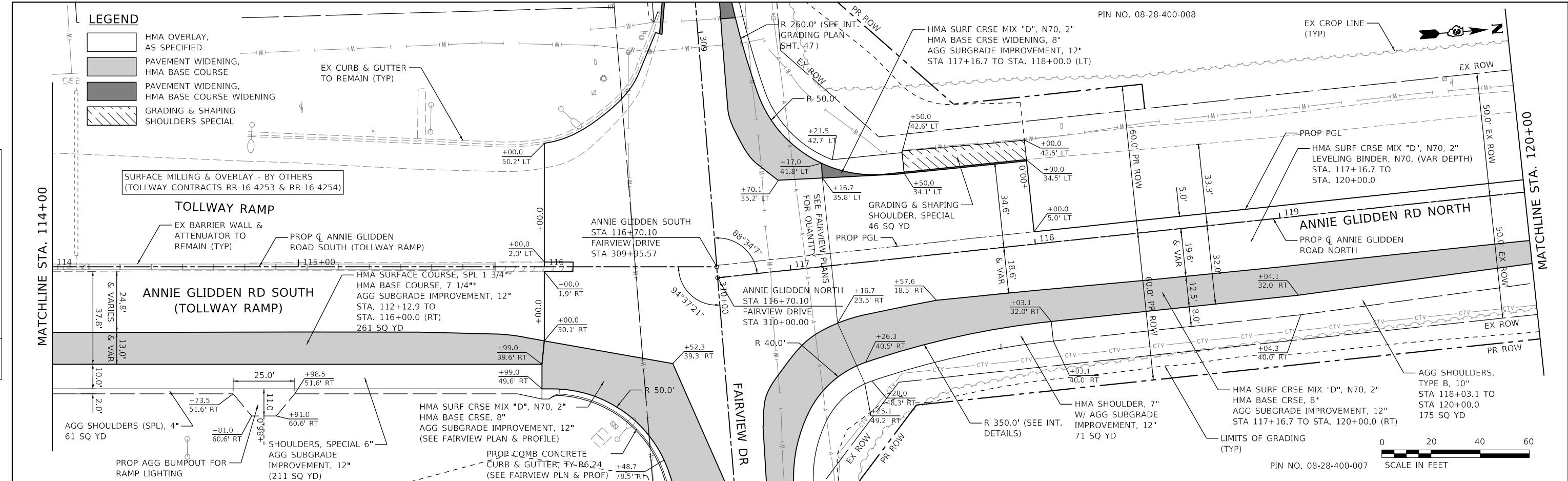
**PLAN & PROFILE  
ANNIE GLIDDEN ROAD**

SCALE: 1"=20'      SHEET 1 OF 5 SHEETS      STA. 109+24.50 TO STA. 114+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	23
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

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



114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00	118+50	119+00	119+50	120+00
859.25	858.89	858.62	858.39 858.40	858.42 858.45	858.51 858.76	858.89 859.14	859.64 859.64	860.16 860.16	860.72 860.72	861.55 861.55	862.53 862.53	863.60 863.60

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**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE ANNE GLEDDEN ROAD**

SCALE: 1"=20'

SHEET 2 OF 5 SHEETS

STA. 114+00.00 TO STA. 120+00.00

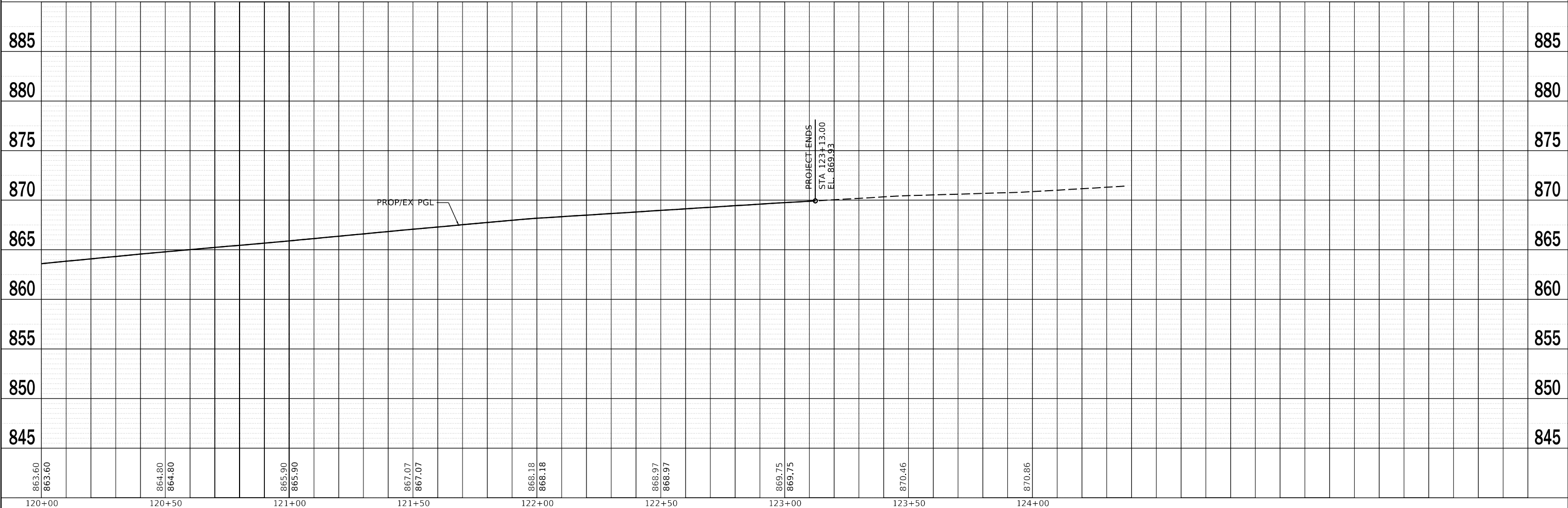
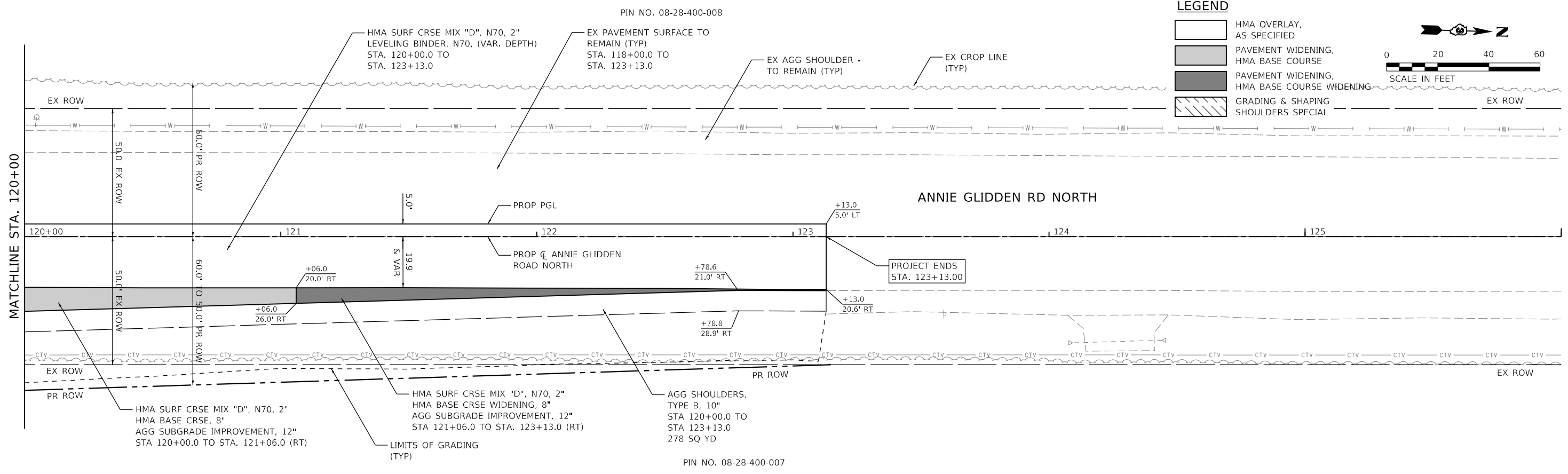
F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 24
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	



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	STRUCTURE NOTATIONS CHECKED		
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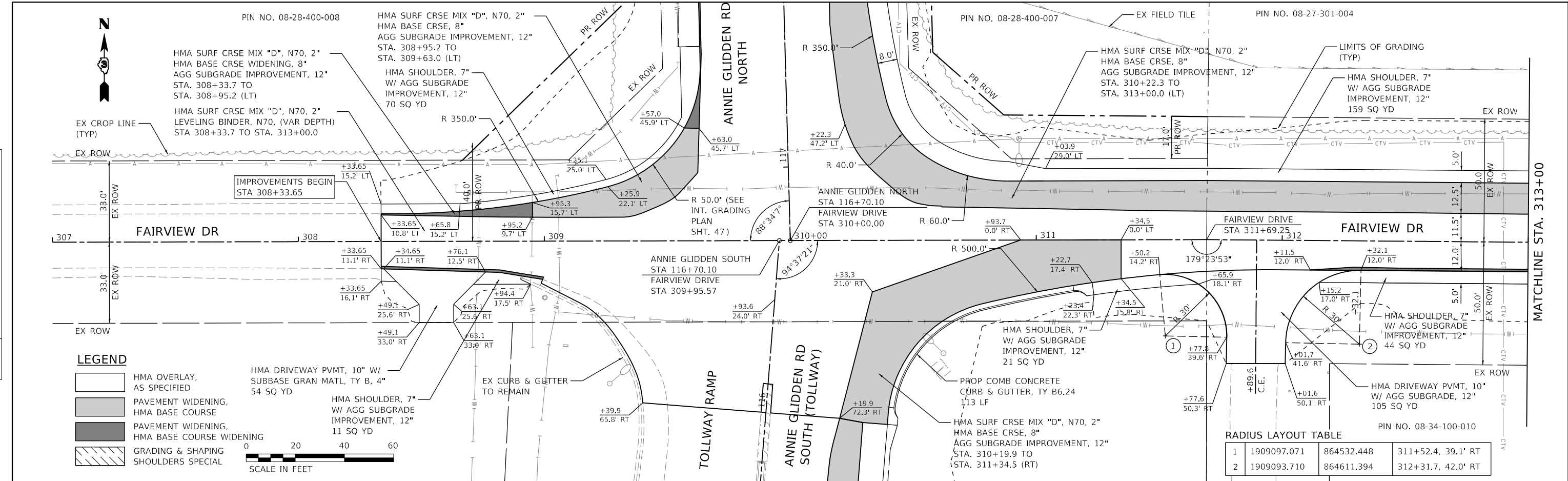
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<b>WBK engineering</b> WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris DESIGNED - SBP DRAWN - NDP CHECKED - MNB DATE - 02/26/18	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>PLAN &amp; PROFILE ANNIE GLIDDEN ROAD</b>		F.A.U. RTE. 5348 SECTION 16-00189-00-WR COUNTY DEKALB CONTRACT NO. 87664	TOTAL SHEETS 103 SHEET NO. 25
	PLOT SCALE = 1:40 PLOT DATE = 2/26/2018	SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 120+00.00 TO STA. 123+13.00	ILLINOIS FED. AID PROJECT					

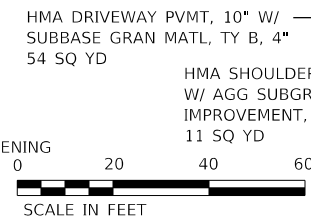
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	FILE NAME	



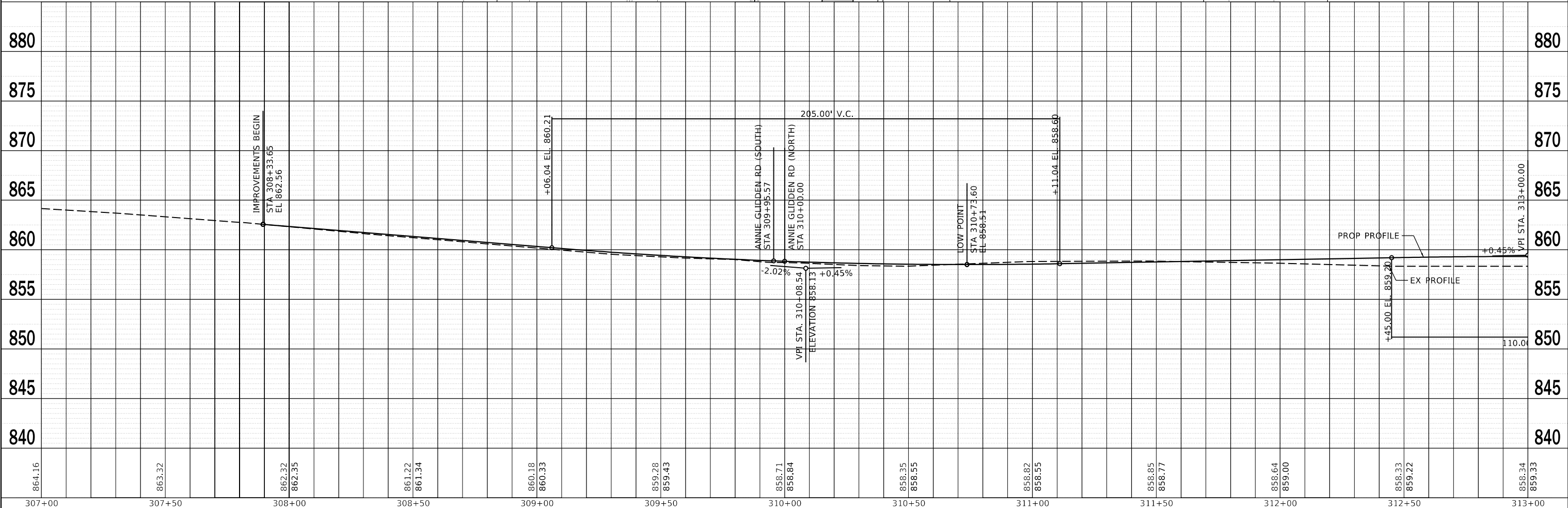
**LEGEND**

- HMA OVERLAY, AS SPECIFIED
- PAVEMENT WIDENING, HMA BASE COURSE
- PAVEMENT WIDENING, HMA BASE COURSE WIDENING
- GRADING & SHAPING SHOULDERS SPECIAL



**RADIUS LAYOUT TABLE**

1	1909097.071	864532.448	311+52.4, 39.1' RT
2	1909093.710	864611.394	312+31.7, 42.0' RT



**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

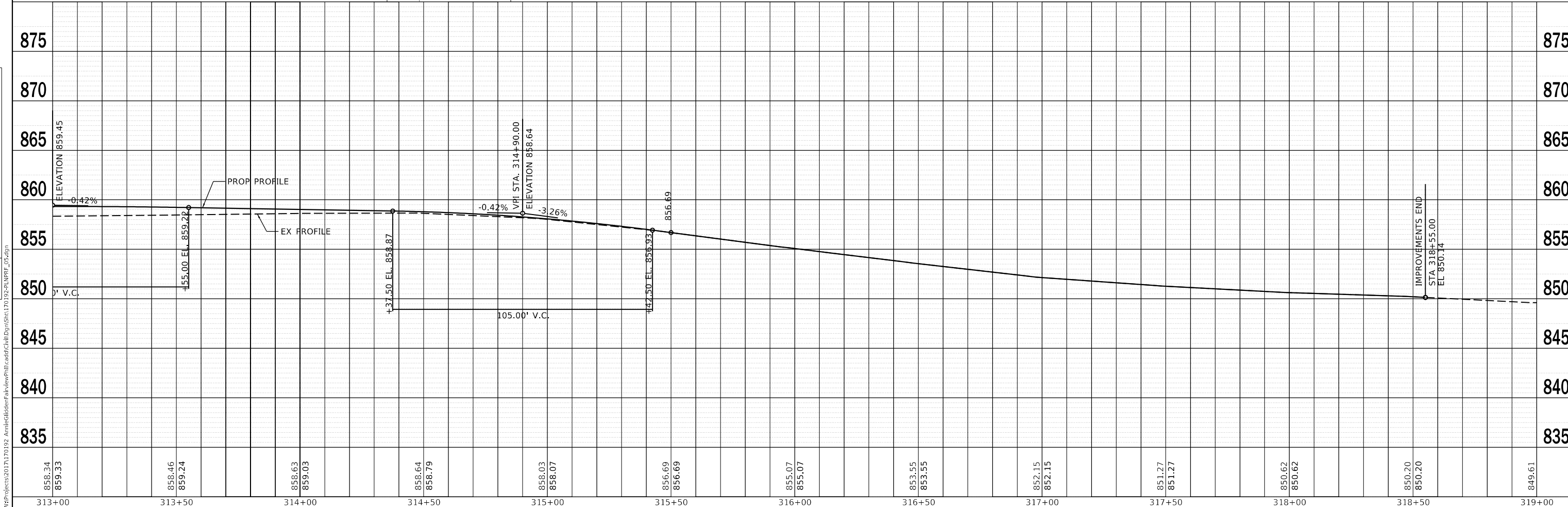
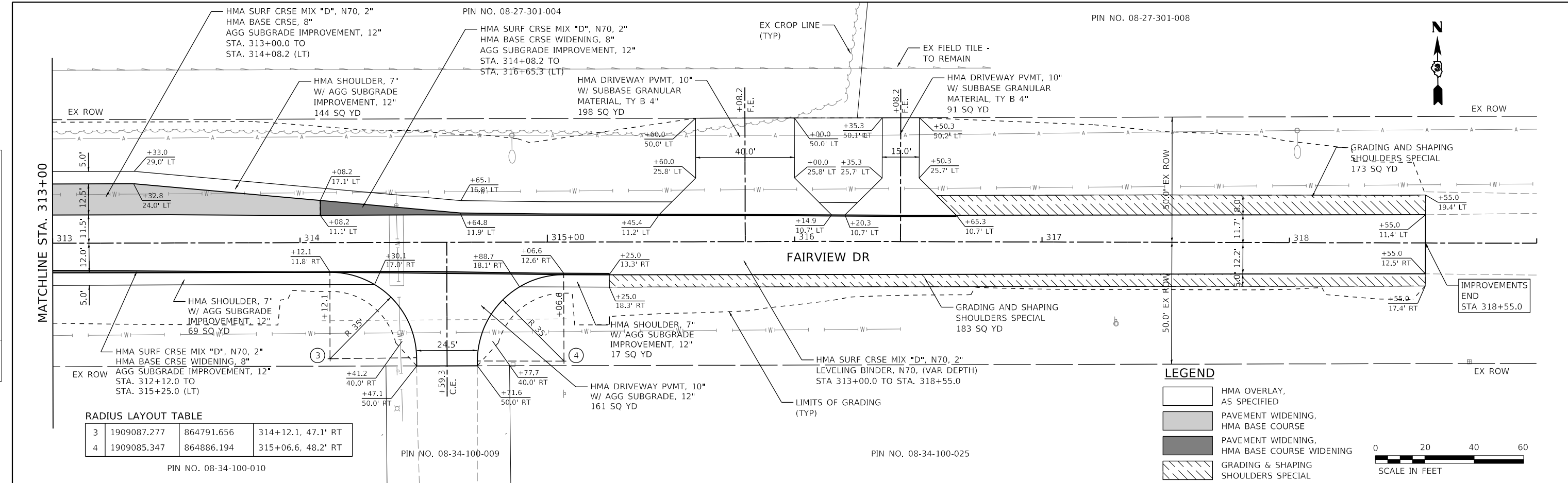
**PLAN & PROFILE  
 FAIRVIEW DRIVE**

SCALE: 1"=20'    SHEET 4 OF 5 SHEETS    STA. 308+33.65 TO STA. 313+00.00

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 26
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	FILED	
	NO.	



858.34	859.33	858.46	859.24	858.63	859.03	858.64	858.79	858.03	858.07	856.69	856.69	855.07	855.07	853.55	853.55	852.15	852.15	851.27	851.27	850.62	850.62	850.20	850.20	849.61
313+00	313+50	314+00	314+50	315+00	315+50	316+00	316+50	317+00	317+50	318+00	318+50	319+00												

**WBK engineering**

**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
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(630) 443-7755

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE**  
**FAIRVIEW DRIVE**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 313+00.00 TO STA. 318+55.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	27
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

**TEMPORARY DETOUR RELATED WORK OPERATIONS**

THE DETOUR IS INTENDED ONLY TO ALLOW FOR THE SHORT-TERM CLOSURE OF FAIRVIEW DRIVE IN ORDER TO MINIMIZE TRAFFIC CONFLICTS FOR THE CONSTRUCTION OF THE 48' CULVERT CROSSING ON THE NORTH LEG OF ANNIE GLIDDEN ROAD AND CONSTRUCTION OF THE PAVEMENT PATCHING ON THE EAST LEG OF FAIRVIEW DRIVE. THE DETOUR WILL WORK IN CONJUNCTION WITH REQUIRED LANE SHIFTS SHOWN IN THE STAGING PLANS ON SHEETS 28 TO 28. ALL OTHER CONSTRUCTION OPERATIONS WILL BE COMPLETED UNDER THE APPROPRIATE IDOT TRAFFIC CONTROL STANDARDS.

**GENERAL NOTES**

- THE TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES, AS SPECIFIED BY THE SPECIAL PROVISIONS, SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES, UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS, SHALL BE INCLUDED IN THE COST OF THE PAY ITEM TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APR. 1, 2016", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2010", THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK.
- LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
- THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
- THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, SPECIAL".
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
- ALL DETOUR SIGNING SHALL BE POST MOUNTED.
- ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL DETERMINE THE OVERALL CONDITION OF THE SIGNS.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.
- DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
- LOCATION OF EXISTING UTILITIES ALONG THE DETOUR ROUTE IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO INSTALLATION OF POST-MOUNTED SIGNAGE.

**TEMPORARY DETOUR DURATION**

THE CONTRACT DOCUMENTS WILL ALLOW THE ROADWAY CLOSURE AND TEMPORARY DETOUR DETAILED ON SHEET 29 TO REMAIN IN PLACE FOR THE DURATION OF TIME SPECIFIED IN THE BDE SPECIAL PROVISION FOR "WORKING DAYS". THE CONTRACTOR WILL BE EXPECTED TO COMPLETE ALL THE PROPOSED WORK RELATED TO THE STORM SEWER AND ROADWAY DURING THIS CLOSURE. THE ROADWAY MUST HAVE THE HMA PATCHING COMPLETED BEFORE THE ROADWAY IS OPENED TO TRAFFIC. IF THE STORM SEWER AND AND PATCHING WORK ARE NOT COMPLETED IN THE ALLOWED TIME, ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED FOR THE COMPLETION OF REMAINING CONSTRUCTION OPERATIONS WILL BE AT THE CONTRACTOR'S EXPENSE.

**CHANGEABLE MESSAGE SIGN**

THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE SIGNS TO WARN THE PUBLIC OF THE PENDING CONSTRUCTION WORK. ONE SIGN EACH (3 TOTAL) WILL BE PLACED. ONE ON THE NORTH LEG OF ANNIE GLIDDEN ROAD, ONE EACH ON THE EAST AND WEST LEGS OF FAIRVIEW DRIVE. THE MESSAGE SIGNS WILL NEED TO BE PLACED FOR SEVEN (7) DAYS IN ADVANCE OF THE ANTICIPATED FIRST DAY OF CONSTRUCTION. THE CHANGEABLE MESSAGE SIGNS WILL REMAIN IN PLACE AFTER THE FIRST DAY OF SETUP AND THROUGH THE DURATION OF THE TEMPORARY DETOUR TO WARN OF THE PENDING DETOUR, FAIRVIEW DRIVE ROAD CLOSURE AND THE STAGE 2 AND 3 LANE SHIFTS. THE CONTRACTOR WILL COORDINATE WITH THE ENGINEER ON THE EXACT PLACEMENT OF THE MESSAGE BOARDS AND THE MESSAGE THAT IS TO BE DISPLAYED. THE MESSAGE BOARDS MAY ALSO BE PLACED AS DIRECT BY THE ENGINEER FOR MISCELLANEOUS CONSTRUCTION TASK.

**LOCAL AGENCY CONTACTS**

THE CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL MAINTENANCE OF TRAFFIC OPERATIONS WITH ALL MUNICIPALITIES, TOWNSHIP, AND COUNTY ENTITIES WITHIN THE PROJECT LIMITS. THE FOLLOWING IS THE APPLICABLE LIST OF CONTACTS:

DEKALB COUNTY HIGHWAY DEPARTMENT	NATHAN SCHWARTZ, COUNTY ENGINEER	815-756-9513
DEKALB COUNTY SHERIFF	ROGER A. SCOTT, SHERIFF	815-895-7260
DEKALB TOWNSHIP ROAD DISTRICT	CRAIG SMITH, COMMISSIONER	815-758-5658
DEKALB FIRE DEPARTMENT	ERIC HICKS, CHIEF	815-748-8460
DEKALB POLICE DEPARTMENT	GENE LOWERY, CHIEF	815-748-8400
SCHOOL DISTRICT 428	JAMIE CRAVEN, SUPERINTENDENT	815-754-2330
CITY OF DEKALB	TIM HOLDEMAN, PUBLIC WORKS DIRECTOR	815-748-2332
ISHTA M-11 MAINTENANCE YARD	STEVE SCHOELING, YARD MANAGER	630-241-6800

**DETOUR ON IL RTE 23 & IL RTE 38 - IDOT CONTACT**

THE CONTRACTOR WILL BE REQUIRED TO COORDINATE THROUGH THE ENGINEER TO CONTACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (815) 434-8511 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK. IDOT FORM BSPE 725 WILL BE REQUIRED TO BE SUBMITTED TO IDOT-D3 OTTAWA PRIOR TO ANY WORK COMMENCING ON STATE HIGHWAYS ILLINOIS 23 AND ILLINOIS 38.

**LIMITATIONS OF CONSTRUCTION**

THE CONTRACTOR SHALL COORDINATE THE ITEMS OF WORK IN ORDER TO KEEP HAZARDS AND TRAFFIC INCONVENIENCES TO A MINIMUM, AS SPECIFIED BELOW:

- IF THERE ARE CONSTRUCTION OPERATIONS COMPLETED OUTSIDE OF THE DURATION OF THE ROADWAY CLOSURE, THOSE CONSTRUCTION OPERATIONS WILL BE CONDUCTED SO ONE LANE IN EACH DIRECTION ON ANNIE GLIDDEN ROAD REMAINS OPEN AT ALL TIMES.
- THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL THE NECESSARY SIGNS, BARRICADES, CONES, DRUMS, AND LIGHTS FOR THE WARNING AND PROTECTION OF TRAFFIC, AS REQUIRED BY SECTIONS 107 AND 701 THROUGH 703 OF THE STANDARD SPECIFICATIONS AND AS MODIFIED.

**WORKING HOURS**

THE NORMAL WORKING HOURS FOR CONSTRUCTION OPERATIONS ARE CONSIDERED DAYTIME HOURS FROM 6:00 A.M. TO 7:00 P.M. MONDAY THROUGH SATURDAY. FOR CONSTRUCTION OPERATIONS OUTSIDE THE DESIGNATED NORMAL WORKING HOURS, THE CONTRACTOR MAY REQUEST IN WRITING TO HAVE THE NORMAL HOURS EXTENDED.

**KEEPING ROADS OPEN TO TRAFFIC**

THE CONTRACTOR SHALL SCHEDULE HIS SEQUENCE OF OPERATIONS TO PERMIT THE CONSTRUCTION OF THIS SECTION WITH THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC. THE CONTRACTOR'S SCHEDULE SHALL REFLECT THE FOLLOWING REQUIREMENTS AND SEQUENCE OF CONSTRUCTION. THESE REQUIREMENTS FOLLOW THE SUGGESTED TRAFFIC CONTROL PLAN INCLUDED IN THE DRAWINGS.

**NEW LANES OPEN SIGNAGE**

"CAUTION NEW LANES OPEN STOP HERE" SIGN SHOULD BE INSTALLED WHERE STAGING WILL RESULT IN LANES BEING OPENED CLOSER TO A SIDE STREET AND/OR DRIVEWAY TRAFFIC. THE SIGN SHALL BE INSTALLED AT THE SIDE OF THE ROAD WHERE TRAFFIC IS MOVED CLOSER FOR A PERIOD OF TWO (2) WEEKS UPON INITIATING THAT STAGE.

**SUGGESTED SEQUENCE OF CONSTRUCTION OPERATIONS**

THE SUGGESTED SEQUENCE OF OPERATIONS AND SUMMARY FOR CONSTRUCTION STAGING DOES NOT, NOR IS IT INTENDED TO, DEPICT ALL WORK THAT WILL BE REQUIRED BY THE CONTRACTOR FOR STAGING OPERATIONS DURING THE CONTRACT, THE SEQUENCE OF OPERATIONS IS GIVEN AS AN AIDE AND GUIDE FOR THE CONTRACTOR'S USE TO ESTABLISH THE NECESSARY GUIDELINES FOR EFFICIENT TRAFFIC OPERATION DURING THE DURATION OF THE CONTRACT.

THE CONTRACTOR MAY WISH TO MAKE REVISIONS OR MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION OR THE MAINTENANCE OF TRAFFIC PLANS. ALL CHANGES MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL. REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS, REQUESTED BY THE CONTRACTOR, MAY REQUIRE TRAFFIC CONTROL TO BE INSTALLED IN ACCORDANCE WITH STANDARDS AND/OR DESIGNS OTHER THAN THOSE INCLUDED IN THE PLANS. IF REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS REQUESTED BY THE CONTRACTOR REQUIRES ADDITIONAL SIGNS, FLAGGERS, BARRICADES OR OTHER TRAFFIC CONTROL DEVICES OVER AND ABOVE THOSE SPECIFIED THEY WILL BE AT THE CONTRACTOR'S EXPENSE.

**TRAFFIC CONTROL - IDOT STANDARD DRAWINGS**

THE CONTRACTOR'S OPERATION MAY REQUIRE WORK THAT WILL NOT BE COMPLETED UNDER THE DETOUR CLOSURE. UNDER THESE CIRCUMSTANCES THE CONTRACTOR WILL COMPLETE THE WORK UTILIZING THE APPLICABLE IDOT TRAFFIC CONTROL STANDARD. THE STANDARD APPLICATION WILL BE APPROVED BY THE ENGINEER. A LIST OF POTENTIAL STANDARD DRAWINGS HAS BEEN INCLUDED IN THE SPECIAL PROVISION FOR "TRAFFIC CONTROL PLAN". THE CONTRACTOR IS ENCOURAGED TO COMPLETE AS MUCH WORK AS PRACTICAL UNDER THE DETOUR CLOSURE.

**SPECIAL CONSIDERATIONS**

**SUPER 8 MOTEL**

WHEN FAIRVIEW DRIVE IS TEMPORARY CLOSED TO COMPLETE PATCHING OPERATIONS, THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE SUPER 8 MOTEL AT ALL TIMES. THE CONTRACTOR SHALL BE REQUIRED TO CONTACT THE SUPER 8 MOTEL 14 DAYS IN ADVANCE OF THE PENDING CLOSURE.

THE CONTRACTOR SHALL LIMIT HIS PATCHING OPERATION IN ADVANCE OF THE SUPER 8 MOTEL ENTRANCE TO ONLY WHAT HE CAN REMOVE AND REPLACE IN ONE DAYS OPERATION. IF PATCHING IN ADVANCE OF THE SUPER 8 MOTEL REQUIRES A TEMPORARY DAY LANE CLOSER THE CONTRACTOR SHALL PROVIDE THE NECESSARY FLAGMEN IN ORDER TO SAFELY NAVIGATE THE SUPER 8 MOTEL.

**NORTHERN ILLINOIS UNIVERSITY**

THE CONTRACTOR WILL BE REQUIRED TO HAVE TWO (2) NORTH AND TWO (2) SOUTH BOUND LANES OPEN TO TRAFFIC DURING THE NORTHERN ILLINOIS UNIVERSITY MOVE-IN WEEK AND DURING THE HOME FOOTBALL GAMES. THE TENTATIVE DATES FOR THESE EVENTS ARE:

MOVE-IN WEEK:	AUGUST 25, 2018 TO SEPTEMBER 1, 2018
HOME FOOTBALL GAME:	SEPTEMBER 8, 2018

AT THE PRINTING OF THESE PLANS THE ENTIRE 2018 SEASON SCHEDULE HAD NOT BEEN DETERMINED AND ALL DATES SHOULD BE CONSIDERED TENTATIVE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION TO VERIFY THE ACTUAL EVENT DATES.

**COORDINATION WITH TOLLWAY PROJECTS**

THE CONTRACTOR SHALL BE AWARE THAT THE ILLINOIS TOLLWAY IS COMPLETING A ROADWAY AND BRIDGE REHABILITATION PROJECTS (RR-16-4253 & RR-16-4254) ON THE REAGAN MEMORIAL TOLLWAY BEGINNING MARCH 14, 2018 THROUGH DECEMBER 14, 2018. THE PROJECT INCLUDES WORK TO THE ANNIE GLIDDEN RAMPS. THE CONTRACTOR SHALL RECOGNIZE THAT THE PROSECUTION OF WORK BY OTHER CONTRACTORS ON OTHER CONTRACT SECTIONS MAY NOT BE EFFECTIVELY UNDER THE CONTROL OF THE CONTRACTOR. HOWEVER, THE CONTRACTOR SHALL BE AWARE OF THE WORK SCHEDULING NEEDS OF THESE OTHER PARTIES AND SHALL SCHEDULE THEIR OWN OPERATIONS TO ACCOMMODATE THE WORK BY OTHERS SO AS TO ALLOW THOSE OTHER PARTIES TO COMPLETE THEIR WORK.

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**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
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(630) 443-7755

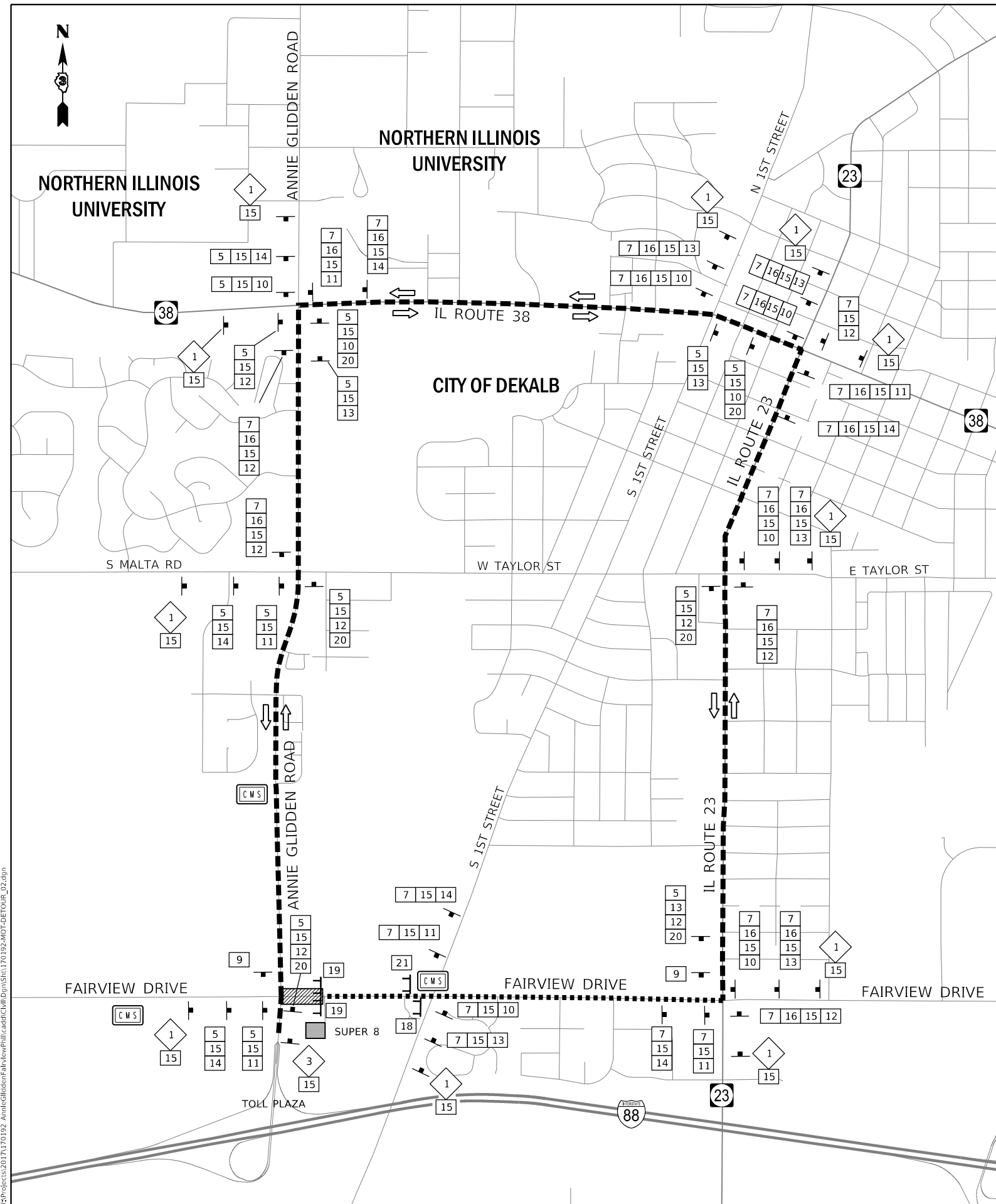
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
TEMPORARY DETOUR NOTES - FAIRVIEW DRIVE**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	28
			CONTRACT NO. 87664	
		ILLINOIS	FED. AID PROJECT	



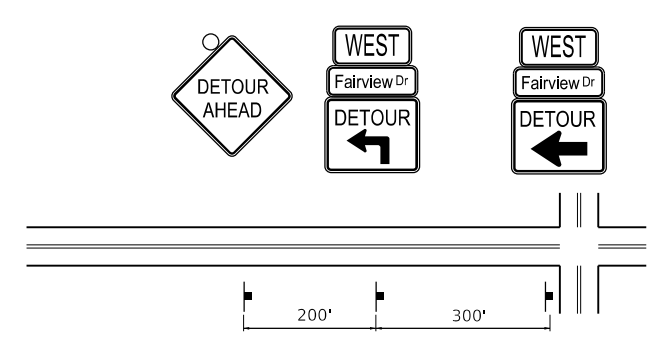
### SCHEDULE OF DETOUR SIGNS

SIGN NO.	SIGN	MUTCD CODE-SIZE
1	DETOUR AHEAD	W20-2-4848
2	ROAD CLOSED AHEAD	W20-3-4848
3	ROAD CLOSED 500 FT*	W20-3-4848 (*UNLESS OTHERWISE NOTED)
4	NORTH	M3-1(O)-2412
5	EAST	M3-2(O)-2412
6	SOUTH	M3-3(O)-2412
7	WEST	M3-4(O)-2412
8	DETOUR	M4-8-2412
9	END DETOUR	M4-8A-2418
10	DETOUR →	M4-9R-3024
11	DETOUR ←	M4-9L-3024
12	DETOUR ↑	M4-9 SERIES-3024
13	DETOUR ↘	M4-9 SERIES-3024
14	DETOUR ↙	M4-9 SERIES-3024
15	Fairview Dr	D3-(O)3612-VAR
16	88	M1-1.2
17	TO	M4-5
18	ROAD CLOSED TO THRU TRAFFIC	R11-4-6030
19	ROAD CLOSED	R11-2-6030
20	SUPER 8 MOTEL	CUSTOM-3024
21	SUPER 8 MOTEL OPEN TO TRAFFIC	CUSTOM-6030

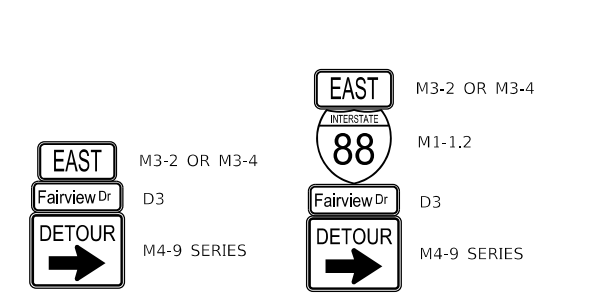
### LEGEND

- CHANGEABLE MESSAGE SIGN
- DETOUR ROUTE
- TYPE III BARRICADE WITH TYPE A FLASHER
- TYPE A FLASHER
- DETOUR SIGN ASSEMBLY WITH STREET NAME AND DIRECTION PLATES (NUMBER DENOTES TYPE)
- W20 SERIES SIGN (NUMBER DENOTES TYPE)
- OTHER SIGN (NUMBER DENOTES TYPE)
- WORK ZONE

### TYPICAL DETOUR SIGN SPACING



### TYPICAL DETOUR SIGN CONFIGURATION



FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairviewPhilly\170192-ROT-DETOUR\_02.dgn

**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:1000	DRAWN - SBP	REVISED -
PLOT DATE = 2/26/2018	CHECKED -	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
 TEMPORARY DETOUR ROUTE - FAIRVIEW DRIVE**

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	29
			CONTRACT NO. 87664	
		ILLINOIS	FED. AID PROJECT	

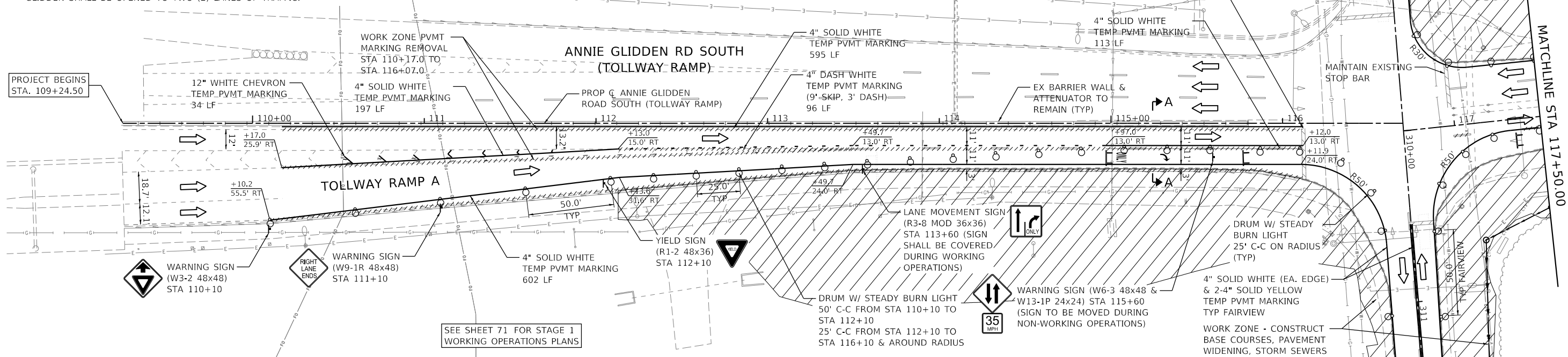
STAGE 1 NOTES

1. ALL WORK ADJACENT TO THE EDGE OF PAVEMENT ON THE NORTHWEST AND SOUTHWEST CORNER OF THE INTERSECTION SHALL BE DONE UNDER IDOT STD. 701701.
2. PAVEMENT WIDENING AND RELATED WORK ON FAIRVIEW DRIVE SHALL BE COMPLETED UNDER IDOT STD. 701326.
3. THE TRAFFIC SIGNAL PHASING SHALL BE OPERATIONAL IN STAGE 1.
4. ONCE THE BINDER COURSE IS COMPLETED FOR THE PROPOSED WIDENING AND SHOULDER WORK THE OUTSIDE NORTHBOUND LANE ON ANNIE GLIDDEN SHALL BE OPENED TO TWO (2) LANES OF TRAFFIC.

MAINTENANCE OF TRAFFIC PLAN - STAGE 1 WORKING OPERATIONS DETAILS

TEMPORARY PAVEMENT MARKING NOTES

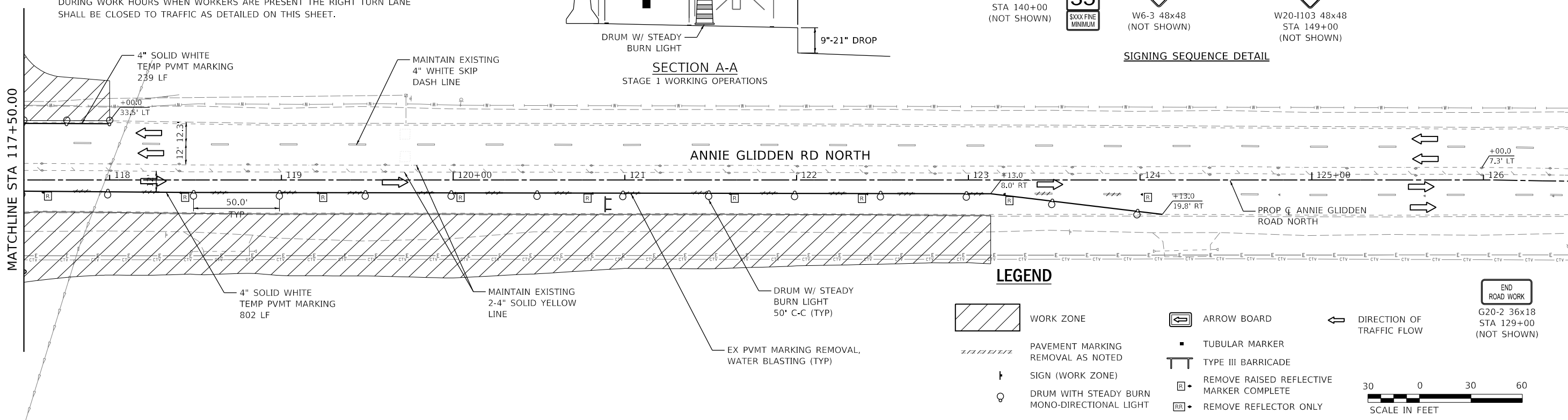
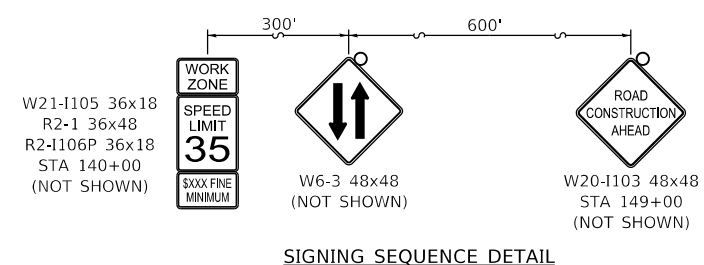
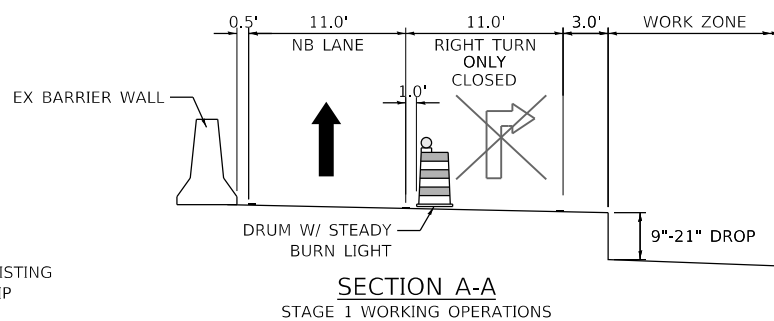
5. ALL TEMPORARY PAVEMENT MARKING ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP) FROM STA. 110+00 TO STA. 116+12 SHALL BE PAVEMENT MARKING TAPE, TYPE IV.
6. UNLESS OTHERWISE NOTED ON THE PLANS, ALL OTHER TEMPORARY PAVEMENT MARKINGS SHALL BE TAPE, TYPE III.



STAGE 1 WORKING OPERATIONS NOTES

DURING STAGE 1 AND POST-STAGE 3, THE RIGHT TURN LANE SHALL BE OPEN TO TRAFFIC DURING HOURS THAT THE CONTRACTOR IS NOT WORKING. THE LANE CONFIGURATION FOR NON-WORKING HOUR OPERATIONS IS DETAILED ON SHEET 71

DURING WORK HOURS WHEN WORKERS ARE PRESENT THE RIGHT TURN LANE SHALL BE CLOSED TO TRAFFIC AS DETAILED ON THIS SHEET.



LEGEND

- WORK ZONE
- PAVEMENT MARKING REMOVAL AS NOTED
- SIGN (WORK ZONE)
- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ARROW BOARD
- TUBULAR MARKER
- TYPE III BARRICADE
- REMOVE RAISED REFLECTIVE MARKER COMPLETE
- REMOVE REFLECTOR ONLY
- DIRECTION OF TRAFFIC FLOW
- END ROAD WORK (G20-2 36x18, STA 129+00, NOT SHOWN)



FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairview\PHILLIP\170192-MOT-STG1\_01.dgn



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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:60	DRAWN - SBP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN  
STAGE 1

SCALE: 1"=30' SHEET 3 OF 6 SHEETS STA. 109+24.50 TO STA. 126+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	30
				CONTRACT NO. 87664
		ILLINOIS	FED. AID PROJECT	

STAGE 2 MAJOR WORK ITEMS - ANNIE GLIDDEN (NORTH)

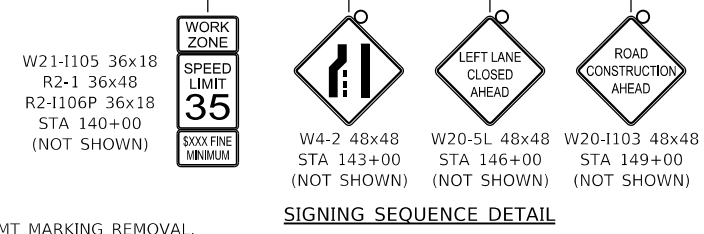
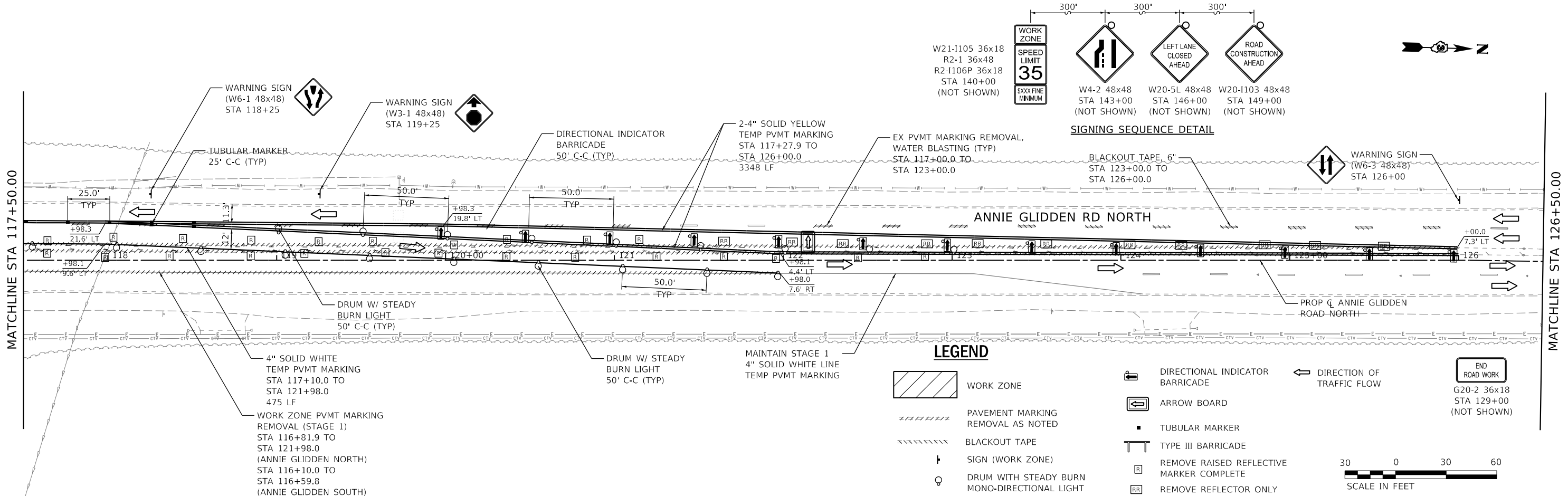
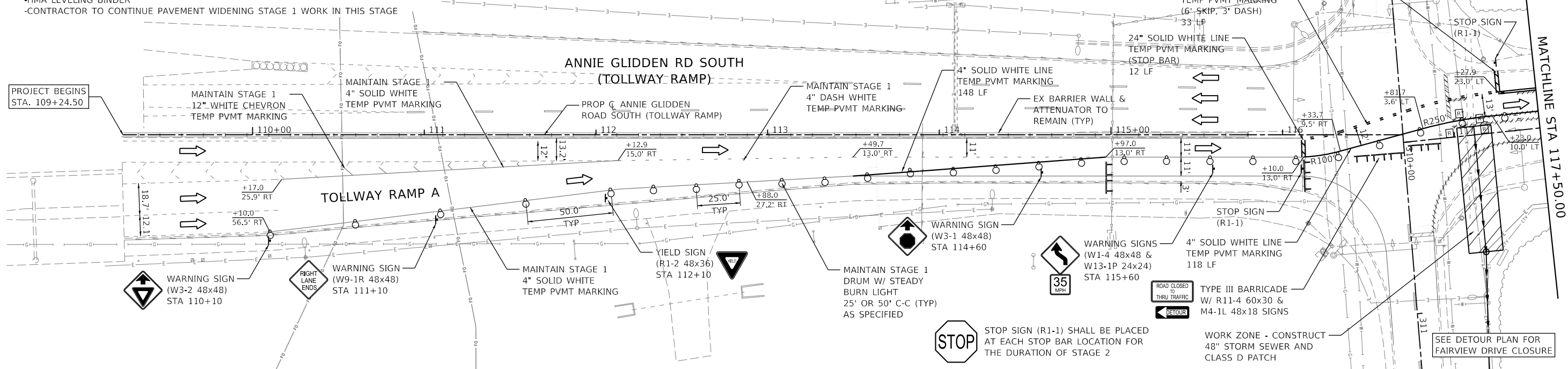
- CONSTRUCT 48" CULVERT ACROSS 2 NORTH BOUND LANES OF ANNIE GLIDDEN
- BACKFILL CULVERT TRENCH WITH CLSM
- COMPLETE HMA CLASS D PATCH
- CONTRACTOR TO CONTINUE PAVEMENT WIDENING STAGE 1 WORK IN THIS STAGE

STAGE 2 MAJOR WORK ITEMS - FAIRVIEW DRIVE (EAST)

- SET TEMPORARY DETOUR
- HMA VAR DEPTH SURFACE MILLING
- FULL DEPTH PATCHES
- HMA LEVELING BINDER
- CONTRACTOR TO CONTINUE PAVEMENT WIDENING STAGE 1 WORK IN THIS STAGE

STAGE 2 NOTES

- DURING STAGE 2 THE TEMPORARY TRAFFIC SIGNAL WILL BE SET TO FULL TIME "RED FLASH".
- CULVERT CROSSINGS & CLASS D PATCH SHALL BE COMPLETED FOR THE NORTH BOUND LANES BEFORE SWITCHING OVER TO STAGE 3.



FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairview\Plan\170192-MOT-STG2\_01.dgn



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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:60	DRAWN - SBP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

DESIGNED - SBP	REVISED -
DRAWN - SBP	REVISED -
CHECKED - MNB	REVISED -
DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 2**

SCALE: 1"=30' SHEET 4 OF 6 SHEETS STA. 109+24.50 TO STA. 126+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	31
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

STAGE 3 MAJOR WORK ITEMS - ANNIE GLIDDEN (NORTH)

- CONSTRUCT 48" CULVERT ACROSS 2 SOUTH BOUND LANES OF ANNIE GLIDDEN
- BACKFILL CULVERT TRENCH WITH CLSM
- COMPLETE HMA CLASS D PATCH
- CONTRACTOR TO CONTINUE PAVEMENT WIDENING STAGE 1 WORK IN THIS STAGE

STAGE 3 MAJOR WORK ITEMS - FAIRVIEW DRIVE (EAST)

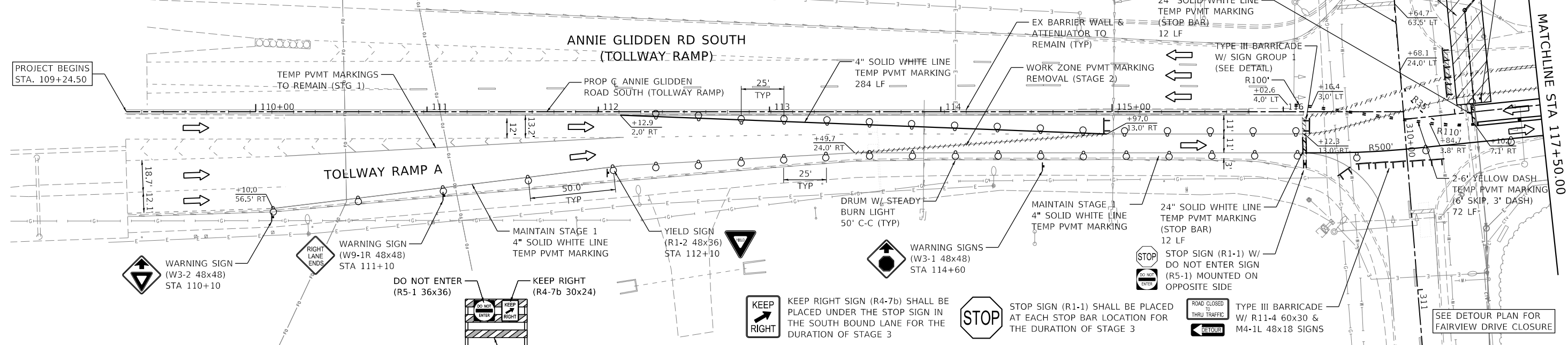
- SET DETOUR
- HMA VAR DEPTH SURFACE MILLING
- FULL DEPTH PATCHES
- HMA LEVELING BINDER
- CONTRACTOR TO CONTINUE PAVEMENT WIDENING STAGE 1 WORK IN THIS STAGE

STAGE 3 NOTES

- DURING STAGE 3 THE TEMPORARY TRAFFIC SIGNAL WILL SET TO FULL TIME "RED FLASH".
- CULVERT CROSSINGS & CLASS D PATCH SHALL BE COMPLETED FOR THE SOUTH BOUND LANES BEFORE OPENING ALL LANES OF TRAFFIC.

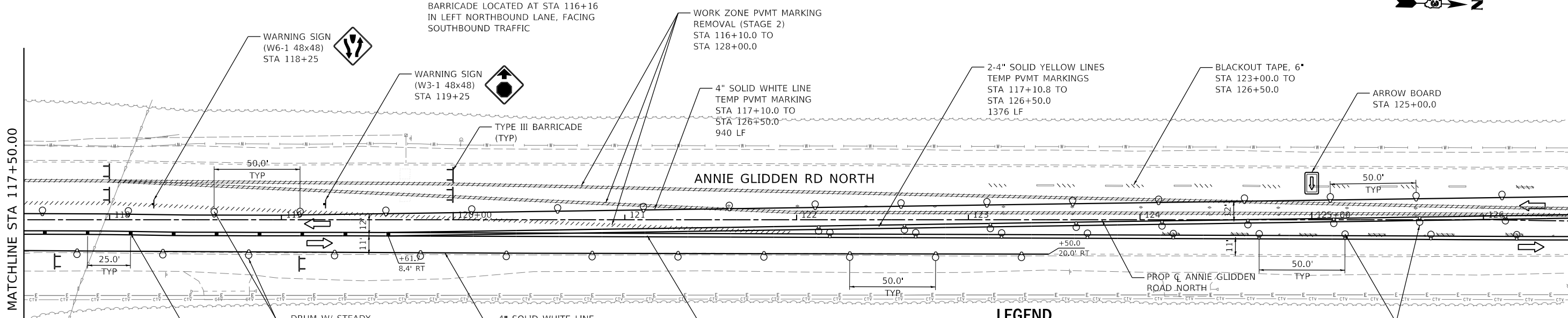
TEMPORARY PAVEMENT MARKING NOTES

- ALL TEMPORARY PAVEMENT MARKING ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP) FROM STA. 110+00 TO STA. 116+07 SHALL BE PAVEMENT MARKING TAPE, TYPE IV.
- UNLESS OTHERWISE NOTED ON THE PLANS, ALL OTHER TEMPORARY PAVEMENT MARKINGS SHALL BE TAPE, TYPE III.



SIGN GROUP 1 DETAIL

BARRICADE LOCATED AT STA 116+16 IN LEFT NORTHBOUND LANE, FACING SOUTHBOUND TRAFFIC



LEGEND

- WORK ZONE
- EXIST OR TEMP PAVEMENT MARKING REMOVAL (SEE NOTE)
- BLACKOUT TAPE
- SIGN (WORK ZONE)
- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE
- ARROW BOARD
- TUBULAR MARKER
- TYPE III BARRICADE
- REMOVE RAISED REFLECTIVE MARKER COMPLETE
- REMOVE REFLECTOR ONLY
- DIRECTION OF TRAFFIC FLOW



FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairview\Plan\170192-MOT-STG3\_01.dgn

**WBK engineering**  
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 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

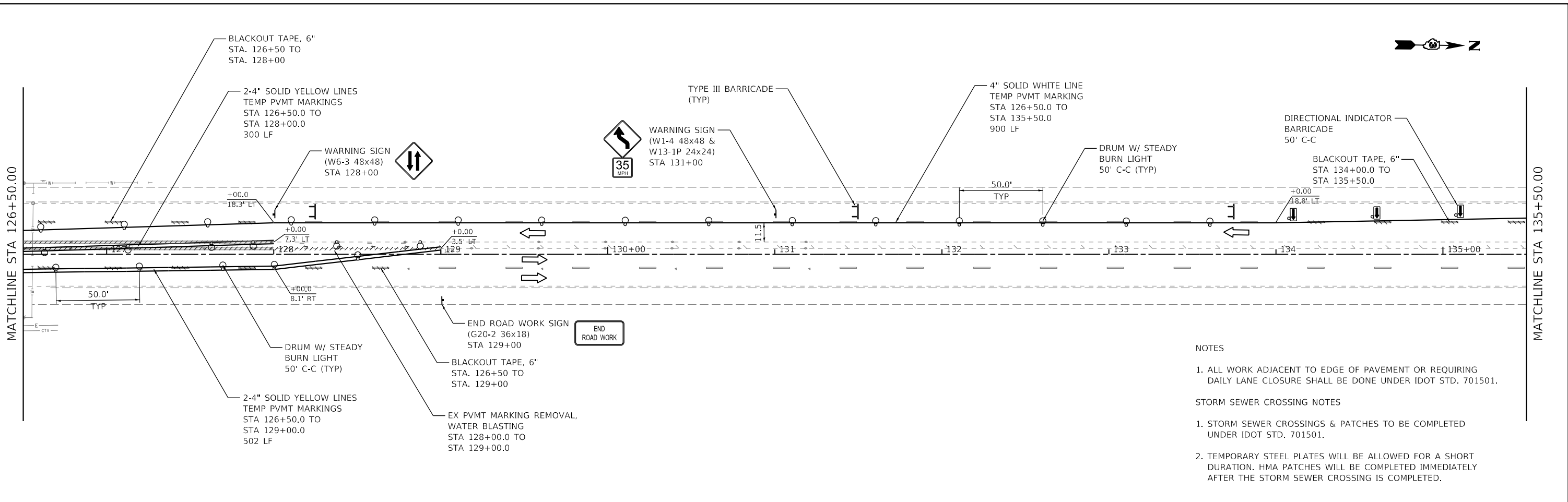
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	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

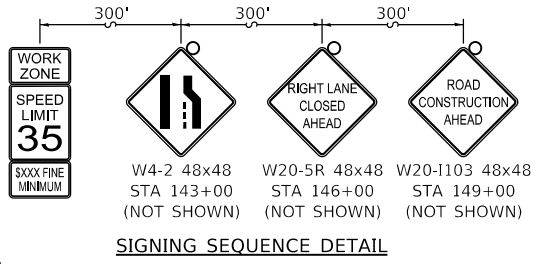
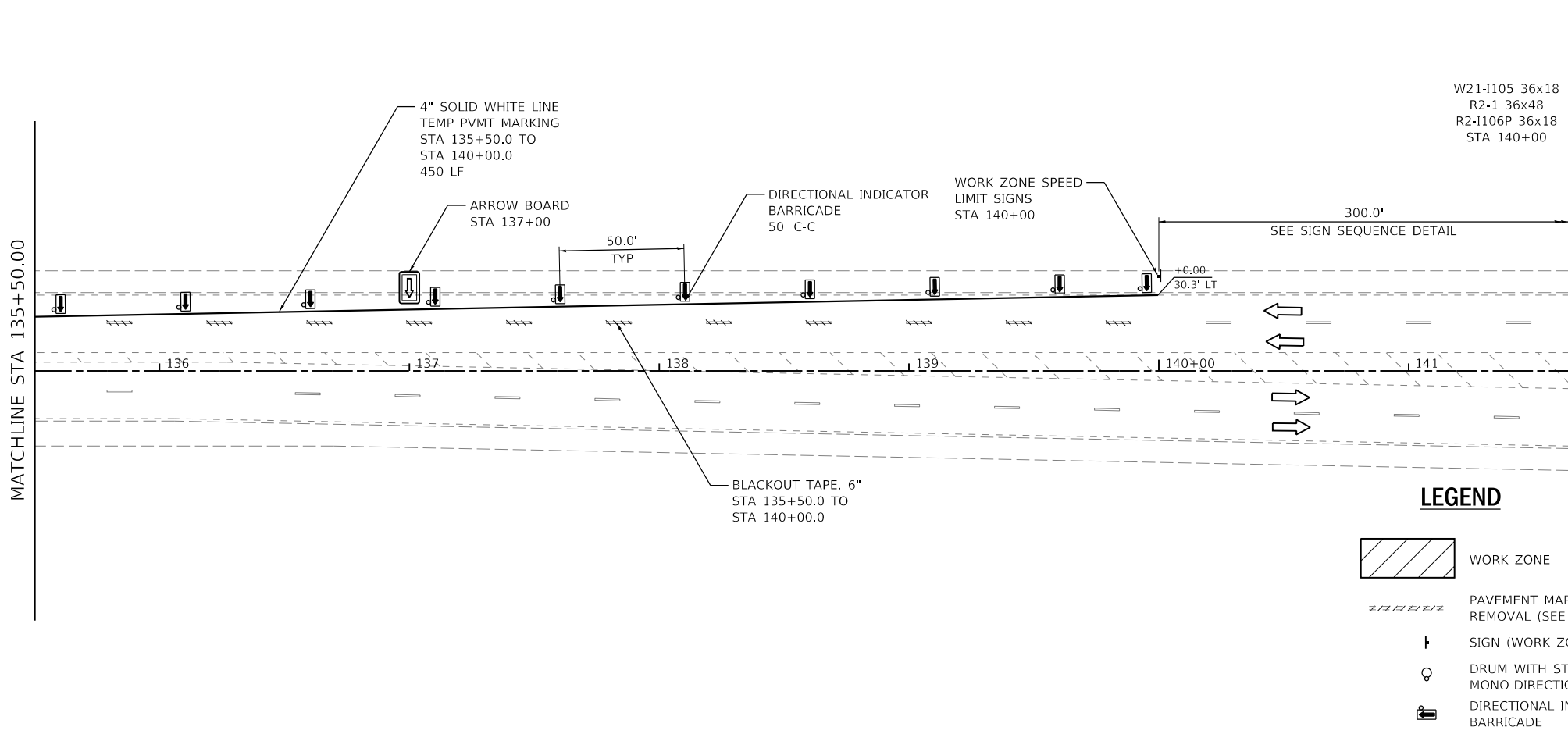
MAINTENANCE OF TRAFFIC PLAN STAGE 3			
SCALE: 1"=30'	SHEET 5	OF 6 SHEETS	STA. 109+24.50 TO STA. 126+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	32
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				





- NOTES
- ALL WORK ADJACENT TO EDGE OF PAVEMENT OR REQUIRING DAILY LANE CLOSURE SHALL BE DONE UNDER IDOT STD. 701501.
- STORM SEWER CROSSING NOTES
- STORM SEWER CROSSINGS & PATCHES TO BE COMPLETED UNDER IDOT STD. 701501.
  - TEMPORARY STEEL PLATES WILL BE ALLOWED FOR A SHORT DURATION. HMA PATCHES WILL BE COMPLETED IMMEDIATELY AFTER THE STORM SEWER CROSSING IS COMPLETED.



**LEGEND**

- WORK ZONE
- PAVEMENT MARKING REMOVAL (SEE NOTE)
- SIGN (WORK ZONE)
- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE
- ARROW BOARD
- TUBULAR MARKER
- TYPE III BARRICADE
- REMOVE RAISED REFLECTIVE MARKER COMPLETE
- REMOVE REFLECTOR ONLY
- DIRECTION OF TRAFFIC FLOW



FILE NAME = W:\Projects\2017\170192\_Amlec\glidoc\Falkview\Phili\cadd\Civil\Dgn\Shil170192-MOT-STG3\_02.dgn

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 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
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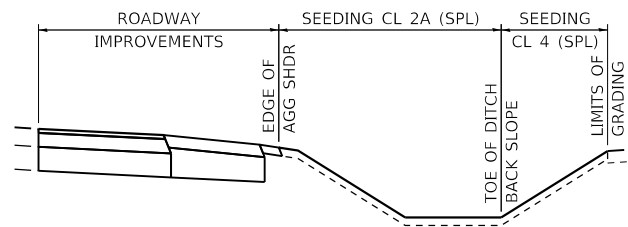
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PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 3**

SCALE: 1"=30' SHEET 6 OF 6 SHEETS STA. 126+50.00 TO STA. 140+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	33
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	



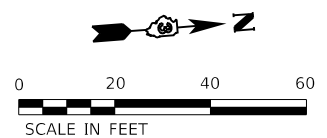
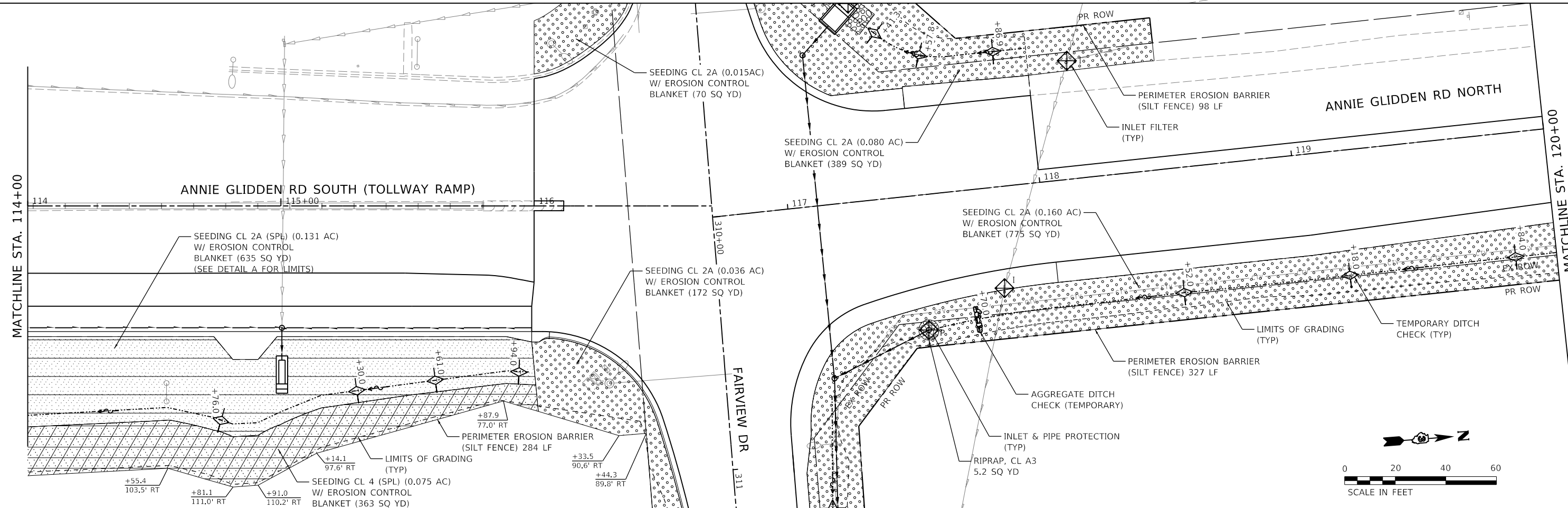
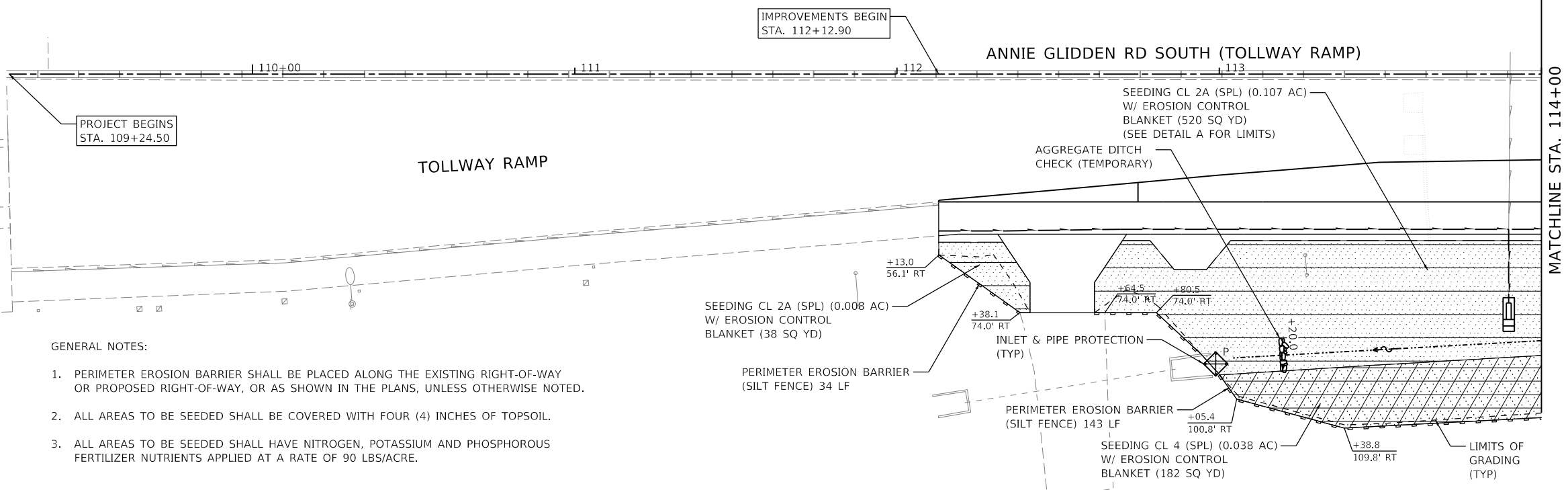
**DETAIL A**  
LIMITS OF SEEDING ALONG  
TOLLWAY RAMP ONLY  
STA. 112+12.9 TO 116+00.0

**LEGEND**

- SEEDING, CLASS 2A  
W/ EROSION CONTROL BLANKET
- SEEDING, CLASS 2A (SPECIAL)  
W/ EROSION CONTROL BLANKET
- SEEDING, CLASS 4 (SPECIAL)  
W/ EROSION CONTROL BLANKET
- RIP RAP CL A3  
W/ FILTER FABRIC
- I  
INLET FILTER  
(TEMPORARY)
- P  
INLET & PIPE PROTECTION  
(TEMPORARY)
- TEMPORARY DITCH  
CHECK
- PERIMETER EROSION  
BARRIER (SILT FENCE)
- AGGREGATE DITCH CHECK  
(TEMPORARY)

**GENERAL NOTES:**

1. PERIMETER EROSION BARRIER SHALL BE PLACED ALONG THE EXISTING RIGHT-OF-WAY OR PROPOSED RIGHT-OF-WAY, OR AS SHOWN IN THE PLANS, UNLESS OTHERWISE NOTED.
2. ALL AREAS TO BE SEEDED SHALL BE COVERED WITH FOUR (4) INCHES OF TOPSOIL.
3. ALL AREAS TO BE SEEDED SHALL HAVE NITROGEN, POTASSIUM AND PHOSPHOROUS FERTILIZER NUTRIENTS APPLIED AT A RATE OF 90 LBS/ACRE.



FILE NAME = W:\Projects\2017\170102\_AnnieGliddenFairview\Plan\CD\DWG\SH1170102-ER05\_01.dgn



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116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
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USER NAME = nparris  
DESIGNED - SBP  
DRAWN - NDP  
CHECKED - MNB  
DATE - 02/26/18  
PLOT SCALE = 1:40  
PLOT DATE = 2/26/2018

DESIGNED - SBP  
DRAWN - NDP  
CHECKED - MNB  
DATE - 02/26/18

REVISED -  
REVISED -  
REVISED -  
REVISED -










**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL & SEEDING PLAN  
ANNIE GLIDDEN ROAD**

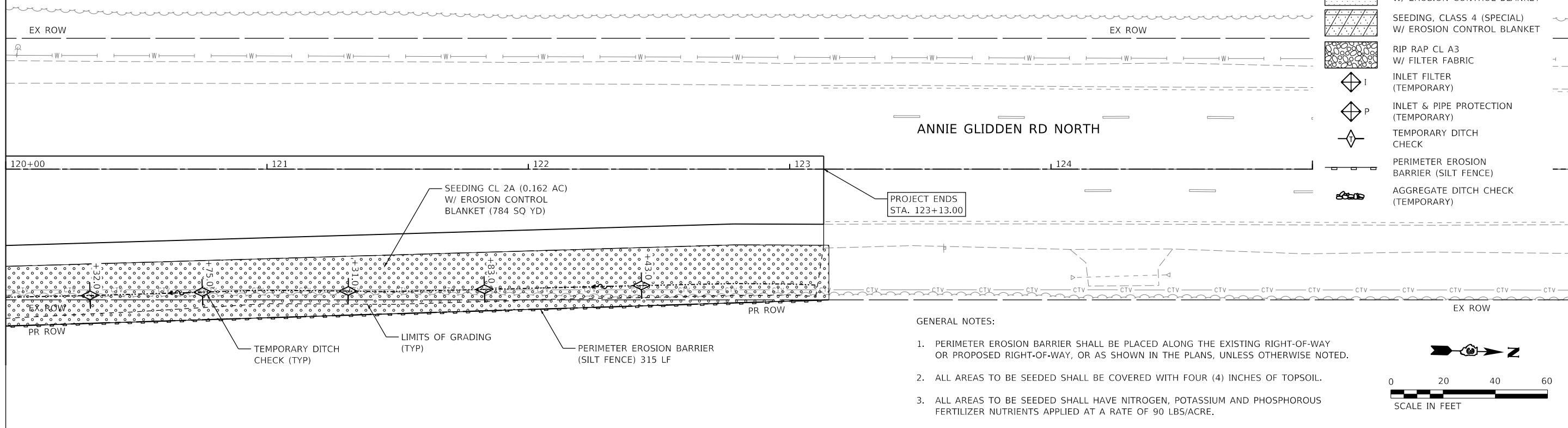
SCALE: 1"=20'  
SHEET 1 OF 6 SHEETS  
STA. 109+24.50 TO STA. 120+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

**LEGEND**

-  SEEDING, CLASS 2A  
W/ EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A (SPECIAL)  
W/ EROSION CONTROL BLANKET
-  SEEDING, CLASS 4 (SPECIAL)  
W/ EROSION CONTROL BLANKET
-  RIP RAP CL A3  
W/ FILTER FABRIC
-  INLET FILTER  
(TEMPORARY)
-  INLET & PIPE PROTECTION  
(TEMPORARY)
-  TEMPORARY DITCH  
CHECK
-  PERIMETER EROSION  
BARRIER (SILT FENCE)
-  AGGREGATE DITCH CHECK  
(TEMPORARY)

MATCHLINE STA. 120+00



**GENERAL NOTES:**

1. PERIMETER EROSION BARRIER SHALL BE PLACED ALONG THE EXISTING RIGHT-OF-WAY OR PROPOSED RIGHT-OF-WAY, OR AS SHOWN IN THE PLANS, UNLESS OTHERWISE NOTED.
2. ALL AREAS TO BE SEEDED SHALL BE COVERED WITH FOUR (4) INCHES OF TOPSOIL.
3. ALL AREAS TO BE SEEDED SHALL HAVE NITROGEN, POTASSIUM AND PHOSPHOROUS FERTILIZER NUTRIENTS APPLIED AT A RATE OF 90 LBS/ACRE.

FILE NAME = W:\Projects\2017\170192 - AnnieGliddenRd\Drawings\170192-EROS\_02.dgn



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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
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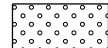
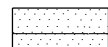

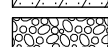


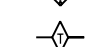
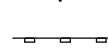

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL & SEEDING PLAN  
ANNIE GLIDDEN ROAD**

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 120+00.00 TO STA. 123+13.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	35
			CONTRACT NO. 87664	
		ILLINOIS	FED. AID PROJECT	

**LEGEND**

-  SEEDING, CLASS 2A  
W/ EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A (SPECIAL)  
W/ EROSION CONTROL BLANKET
-  SEEDING, CLASS 4 (SPECIAL)  
W/ EROSION CONTROL BLANKET
-  RIP RAP CL A3  
W/ FILTER FABRIC
-  INLET FILTER  
(TEMPORARY)
-  INLET & PIPE PROTECTION  
(TEMPORARY)
-  TEMPORARY DITCH  
CHECK
-  PERIMETER EROSION  
BARRIER (SILT FENCE)
-  AGGREGATE DITCH CHECK  
(TEMPORARY)

PERIMETER EROSION BARRIER  
(SILT FENCE) 129 LF  
SEEDING CL 2A (0.109 AC)  
W/ EROSION CONTROL  
BLANKET (530 SQ YD)

RIPRAP CL A3  
(10'x22')  
24.4 SQ YD

INLET & PIPE PROTECTION  
(TYP)

PERIMETER EROSION BARRIER  
(SILT FENCE) 275 LF

SEEDING CL 2A (0.139 AC)  
W/ EROSION CONTROL  
BLANKET (671 SQ YD)

LIMITS OF GRADING  
(TYP)

TEMPORARY DITCH  
CHECK (TYP)

FAIRVIEW DR  
J 308

TOLLWAY RAMP

ANNIE GLIDDEN RD  
SOUTH (TOLLWAY)

SEEDING CL 2A (0.068 AC)  
W/ EROSION CONTROL  
BLANKET (327 SQ YD)

FAIRVIEW DR

IMPROVEMENTS BEGIN  
STA 308+33.65

SEEDING CL 2A (0.005 AC)  
W/ EROSION CONTROL  
BLANKET (24 SQ YD)

SEEDING CL 2A (0.036 AC)  
W/ EROSION CONTROL  
BLANKET (172 SQ YD)

PERIMETER EROSION BARRIER  
(SILT FENCE) 67 LF

+62.5  
33.0' RT  
+62.1  
50.2' RT

PERIMETER EROSION BARRIER  
(SILT FENCE) 141 LF

SEEDING CL 2A (0.059 AC)  
W/ EROSION CONTROL  
BLANKET (287 SQ YD)

PERIMETER EROSION BARRIER  
(SILT FENCE) 80 LF



PERIMETER EROSION BARRIER  
(SILT FENCE) 341 LF

SEEDING CL 2A (0.170 AC)  
W/ EROSION CONTROL  
BLANKET (824 SQ YD)

SEEDING CL 2A (0.026 AC)  
W/ EROSION CONTROL  
BLANKET (124 SQ YD)

INLET FILTER  
(TYP)

RIPRAP CL A3  
(28'x10.8')  
33.6 SQ YD

PERIMETER EROSION BARRIER  
(SILT FENCE) 211 LF

SEEDING CL 2A (0.138 AC)  
W/ EROSION CONTROL  
BLANKET (666 SQ YD)

MATCHLINE STA. 313+00

TEMPORARY DITCH  
CHECK (TYP)

FAIRVIEW DR

LIMITS OF GRADING  
(TYP)

INLET & PIPE PROTECTION  
(TYP)

IMPROVEMENTS  
END  
STA 318+55.0

SEEDING CL 2A (0.180 AC)  
W/ EROSION CONTROL  
BLANKET (871 SQ YD)

PERIMETER EROSION BARRIER  
(SILT FENCE) 135 LF

RIPRAP CL A3  
(10'x5')  
5.5 SQ YD

SEEDING CL 2A (0.273 AC)  
W/ EROSION CONTROL  
BLANKET (1323 SQ YD)

PERIMETER EROSION BARRIER  
(SILT FENCE) 370 LF

**GENERAL NOTES:**

1. PERIMETER EROSION BARRIER SHALL BE PLACED ALONG THE EXISTING RIGHT-OF-WAY OR PROPOSED RIGHT-OF-WAY, OR AS SHOWN IN THE PLANS, UNLESS OTHERWISE NOTED.
2. ALL AREAS TO BE SEEDED SHALL BE COVERED WITH FOUR (4) INCHES OF TOPSOIL.
3. ALL AREAS TO BE SEEDED SHALL HAVE NITROGEN, POTASSIUM AND PHOSPHOROUS FERTILIZER NUTRIENTS APPLIED AT A RATE OF 90 LBS/ACRE.

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USER NAME = nparris  
PLOT SCALE = 1:40  
PLOT DATE = 2/26/2018

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DATE - 02/26/18

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL & SEEDING PLAN  
FAIRVIEW DRIVE**

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 308+33.65 TO STA. 318+55.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	36
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

**EROSION CONTROL INSPECTION**

ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.

**WINTER SHUT DOWN**

A WINTER SHUT DOWN IS NOT ANTICIPATED FOR THIS PROJECT. BUT IN THE EVENT THAT UNAVOIDABLE CIRCUMSTANCE REQUIRE A WINTER SHUT DOWN, THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. WEEKLY INSPECTIONS WILL RECOMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS 0.5" OR GREATER RAIN EVENT, OR A DISCHARGE DUE TO SNOWMELT OCCURS."

**TEMPORARY DITCH CHECKS**

TEMPORARY DITCH CHECKS WILL BE REQUIRED AT THOSE LOCATIONS WHERE THE CONTRACTORS OPERATIONS REQUIRE TEMPORARY OR PERMANENT DITCHES. THE LOCATION OF TEMPORARY DITCH CHECKS ARE SHOWN ON THE PLANS. THE EXACT LOCATION MAY REQUIRE FIELD ADJUSTMENT AND WILL BE COORDINATED IN THE FIELD WITH THE ENGINEER. THE QUANTITIES INCLUDE A PLAN ALLOWANCE OF 10% OF THE TOTAL TEMPORARY DITCH CHECKS, FOR MAINTENANCE PURPOSES. TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED AS SPECIFIED IN SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

**PERIMETER EROSION BARRIER (SILT FENCE)**

PERIMETER EROSION CONTROL BARRIER (SILT FENCE) SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE PLANS. THE PERIMETER EROSION CONTROL BARRIER SHALL BE CONSTRUCTED AS DETAILED ON THE PLANS AND AS SPECIFIED IN SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

**STOCK PILE LOCATIONS AND PROTECTING STOCK PILE AREAS**

STOCK PILES SHOULD NOT BE PLACED IN OR NEAR CRITICAL AREAS, OR AREAS THAT HAVE HIGH POTENTIAL FOR CONTRIBUTING SEDIMENTS TO STORMWATER FACILITIES.

CONTRACTOR MAY OPT TO STOCK PILE MATERIAL. STAGING OF THE PROJECT IS AT THE DISCRETION OF THE CONTRACTOR AND COORDINATION OF STOCK PILES WILL BE WITH THE ENGINEER AND KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD). STOCKPILES OF SOIL AND OTHER CONSTRUCTION MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES, NOT BEING ACTIVELY WORKED AND TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

**STABILIZED CONSTRUCTION AREA**

STABILIZATION MEASURES SHALL BE INITIATED ON A DAILY BASIS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE.

**KEEPING PAVEMENTS CLEAN**

THE CONTRACTOR WILL KEEP ALL PERMANENT PAVEMENT SURFACES CLEAN OF DIRT OR CONSTRUCTION DEBRIS. THE PAVEMENT SHALL BE CLEANED AT THE END OF EACH DAYS OPERATION OR MORE FREQUENTLY AS REQUIRED BY THE ENGINEER IF THE DEBRIS IS DEEMED TO BE A HAZARD TO THE MOTORING PUBLIC.

**STABILIZED CONSTRUCTION ENTRANCE**

A STABILIZED CONSTRUCTION ENTRANCE IS NOT ANTICIPATED FOR THIS PROJECT.

**CONCRETE WASHOUT**

CONCRETE WASHOUT(S) ARE ANTICIPATED FOR THIS PROJECT. IT SHOULD BE DRAWN ON THESE PLANS BY THE CONTRACTOR AT THE TIME OF INSTALLATION. WASHOUTS ARE TO BE CONSTRUCTED AND MAINTAINED IN A MANNER CONSISTENT WITH THE DETAILS ON THE PLANS AND THE LATEST EDITION OF THE ILLINOIS URBAN MANUAL.

CONCRETE WASHOUT SHALL BE CONTAINED AT ALL TIMES. WASHOUT MATERIAL SHALL NOT BE ALLOWED TO ENTER WATER BODIES, STORM SEWERS OR LEACH INTO THE SOIL UNDER ANY CIRCUMSTANCES. ANY WASTE SHALL BE DISPOSED OF PROPERLY AND THE LOCATION OF THE WASHOUT SHALL BE DESIGNATED WITH PROPER SIGNAGE. FAILURE TO COMPLY COULD RESULT IN A VIOLATION.

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING				A		*	*	A				
DORMANT SEEDING	C				B				B		C	
TEMPORARY SEEDING			D									
EROSION CONTROL	E											

- A. CLASS 2A, CLASS 2A (SPECIAL)
- B. CLASS 4 (SPECIAL)
- C. INCREASE SEEDING RATES BY 25% WHEN DORMANT SEEDING (NOT ANTICIPATED)
- D. TEMPORARY SEEDING (PERENNIAL RYE GRASS, SPRING OATS)
- E. TEMPORARY & EROSION CONTROL BLANKET (PERMANENT SEED AREAS, TEMPORARY SEED AREAS AS DIRECTED BY THE ENGINEER)

\* IRRIGATION MAY BE NEEDED DURING JUNE AND JULY (INCLUDED IN SEEDING)

NOTE: SEEDING TO BE COMPLETED PER REQUIREMENTS OF SECTION 250 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGES AND THE SPECIAL PROVISIONS.

**GENERAL NOTES**

- A) UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.
- B) THE CITY OF DEKALB MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- C) A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- D) THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
- E) IT IS THE RESPONSIBILITY OF THE ENGINEER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
- F) THE CONTRACTOR IS RESPONSIBLE FOR INDICATING THE CURRENT LOCATION OF THE CONCRETE WASHOUT AND ANY MODIFICATIONS TO THE LOCATIONS OR DETAILS OF EROSION AND SEDIMENT CONTROLS ON THESE PLANS.
- G) ALL DROP INLETS ON AND ADJACENT TO THE SITE MUST HAVE SEDIMENT TRAPPING OR CONTAINMENT DEVICE INSTALLED DURING CONSTRUCTION ACTIVITIES. FILTER FABRIC ON ITS OWN IS NOT AN APPROVED METHOD. PREFABRICATED DROP INLET PROTECTION SHOULD BE AS RESTRICTIVE AS THE ILLINOIS URBAN MANUAL STANDARD 861 FOR INLET PROTECTION.

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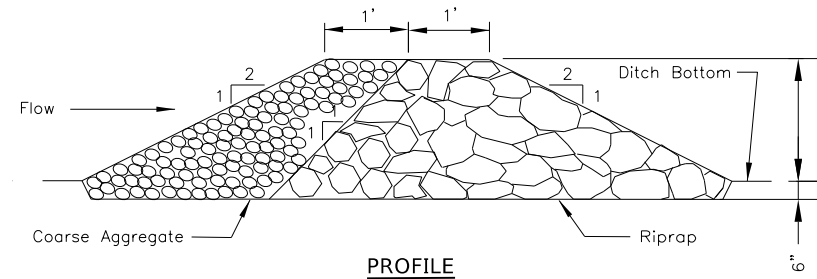
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DEPARTMENT OF TRANSPORTATION

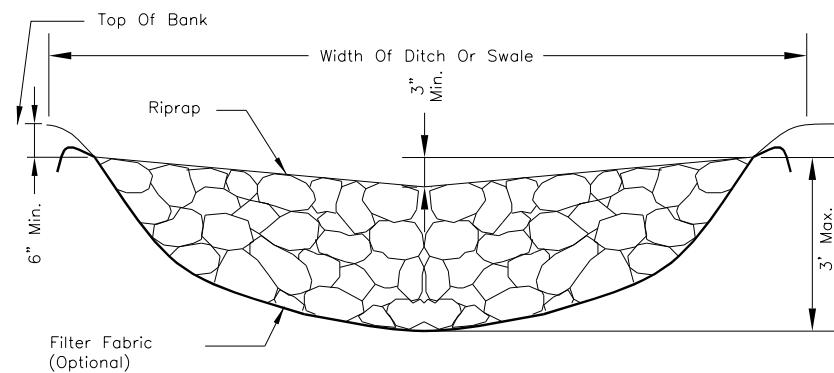
**EROSION CONTROL & SEEDING NOTES**

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	37
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	



**PROFILE**

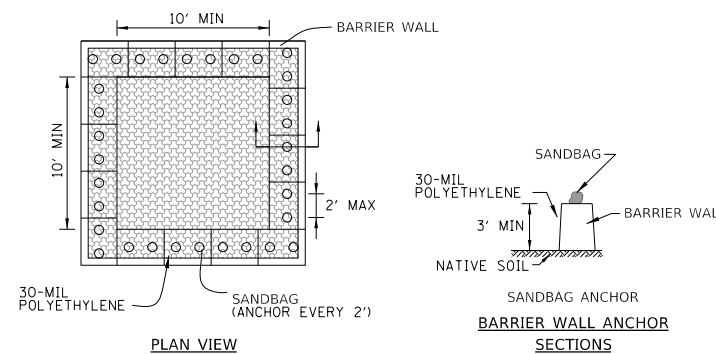


**CROSS SECTION  
CENTERLINE LOOKING DOWNSTREAM**

**AGGREGATE DITCH CHECK NOTES:**

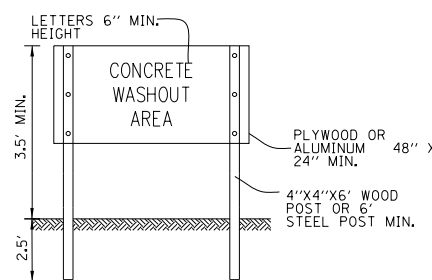
1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 1 OR 2, CLASS I, II, OR IV AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
2. COARSE AGGREGATE SHALL MEET ONE OF THE FOLLOWING IDOT GRADATIONS, CA-1, CA-2, CA-3, OR CA-4.
3. RIPRAP SHALL MEET IDOT GRADATION RR-3 OR RR-4 AND MEET QUALITY DESIGNATION A.
4. COARSE AGGREGATE AND RIPRAP SHALL BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCKFILL USING PLACEMENT METHOD 1 AND CLASS III COMPACTION.
5. FOR ADDED STABILITY, THE BASE OF THE DAM MAY BE KEYED 6 INCHES INTO THE SOIL.
6. MAXIMUM DRAINAGE AREA TO EACH DAM IS 10 ACRES.
7. ROCK CHECK DAM-COARSE AGGREGATE IL-605CA MAY BE USED FOR DRAINAGE AREAS UNDER 2 ACRES.

**AGGREGATE DITCH CHECK  
N.T.S.**



**PLAN VIEW**

**BARRIER WALL ANCHOR SECTIONS**

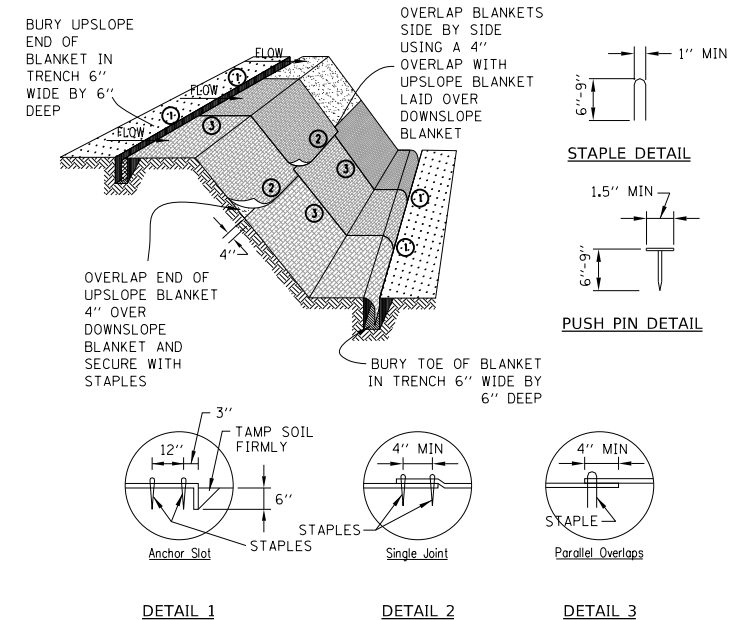


**SIGN DETAIL**

**WASHOUT NOTES:**

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

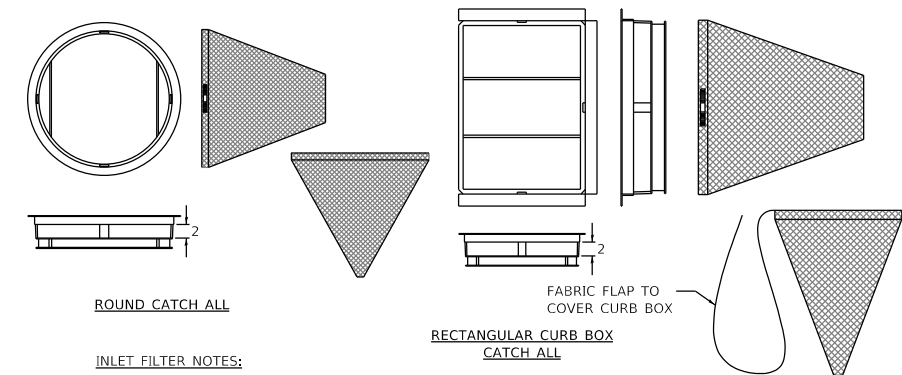
**TEMPORARY CONCRETE  
WASHOUT FACILITY - BARRIER WALL  
STD. IUM-654BW  
(TEMPORARY CONCRETE WASHOUT)**



**NOTES:**

1. STAPLES SHALL BE PLACED IN A DIAMOND PATTERN AT 2 PER S.Y. FOR STITCHED BLANKETS. NON-STICHED SHALL USE 4 STAPLES PER S.Y. OF MATERIAL. THIS EQUATES TO 200 STAPLES WITH STITCHED BLANKET AND 400 STAPLES WITH NON-STICHED BLANKET PER 100 S.Y. OF MATERIAL
2. STAPLE OR PUSH PIN LENGTHS SHALL BE SELECTED BASED ON SOIL TYPE AND CONDITIONS. (MINIMUM STAPLE LENGTH IS 6")
3. EROSION CONTROL MATERIAL SHALL BE PLACED IN CONTACT WITH THE SOIL OVER A PREPARED SEEDBED.
4. ALL ANCHOR SLOTS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

**EROSION CONTROL BLANKET  
INSTALLATION DETAILS  
STD. IL-530A, IL-530B, IUM-531  
(EROSION CONTROL BLANKET)**



**ROUND CATCH ALL**

**RECTANGULAR CURB BOX  
CATCH ALL**

**INLET FILTER NOTES:**

FRAME: TOP FLANGE FABRICATED FROM 1 1/2"x1 1/2"x1/2" ANGLE. BASE RIM FABRICATED FROM 1 1/2"x1/2"x1/2" CHANNEL. HANDLES AND SUSPENSION BRACKETS FABRICATED FROM 1 1/2"x1/2" FLAT STOCK. ALL STEEL CONFORMING TO ASTM-A36.

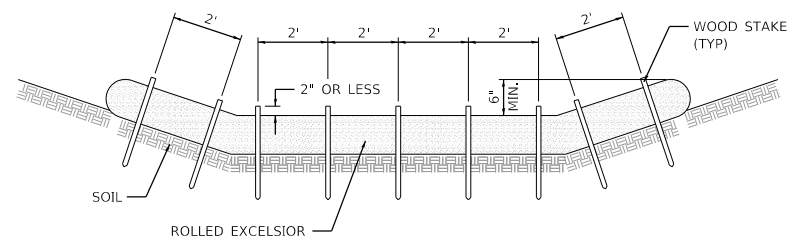
SEDIMENT BAG: BAG FABRICATED FROM 4 OZ./SQ.YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASE RIM WITH A STAINLESS STEEL BAND AND LOCK.

**INLET FILTER DETAIL  
N.T.S.**

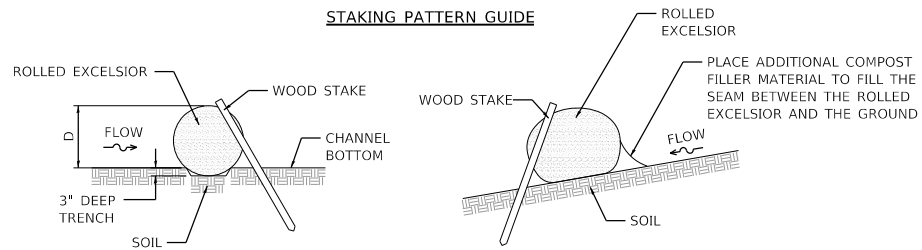
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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**STAKING PATTERN GUIDE**



**STAKE DETAIL**

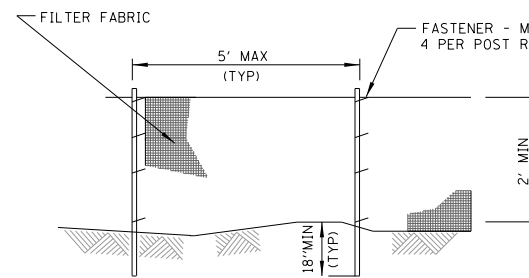
**COMPOST FILTER SOCK DETAIL**

**NOTES:**

1. ENDS OF ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6° UPSLOPE.
2. RECOMMENDED STAKES ARE 1 1/2" WIDE x 1 1/2" THICK x 30" LONG.
3. STAKES SHALL NOT EXTEND ABOVE THE ROLLED EXCELSIOR MORE THAN 2".
4. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.
5. WHEN COMPOST FILTER SOCK DITCH CHECK IS USED, PLACE A COMPOST BERM UPSTREAM OF THE FILTER SOCK (SEE IUM 805). A TRENCH IS NOT REQUIRED.
6. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
7. STAKES SHALL BE PLACED EVERY 2' FOR ROLLED EXCELSIOR, OR AS SPECIFIED BY THE MANUFACTURER.

**TEMPORARY DITCH CHECK  
ROLLED EXCELSIOR**

STD. IUM-514  
(ROLLED EROSION CONTROL PRODUCTS)



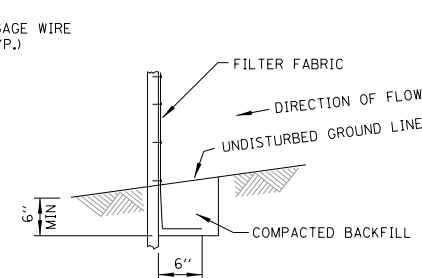
**ELEVATION**

**NOTES:**

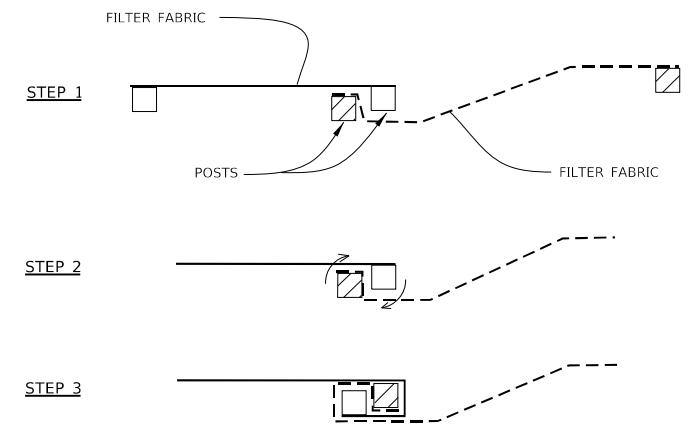
1. TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
2. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 40 FOR WOVEN.
3. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.

**PERIMETER EROSION BARRIER  
(SILT FENCE)**

STD. IUM-620A  
(SILT FENCE PLAN)



**FABRIC ANCHOR DETAIL**



**ATTACHING TWO SILT FENCES**

**NOTES:**

1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. CUT THE FABRIC NEAR THE BOTTOM OF THE STAKES TO ACCOMMODATE THE 6" FLAP.
4. DRIVE BOTH POSTS A MINIMUM OF 18 INCHES INTO THE GROUND AND BURY THE FLAP.
5. COMPACT BACKFILL (PARTICULARLY AT SPLICES) COMPLETELY TO PREVENT STORMWATER PIPING.

**PERIMETER EROSION BARRIER  
(SILT FENCE) - SPLICING TWO FENCES**

STD. IUM-620B  
(SILT FENCE - SPLICING TWO FENCES)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL & SEEDING DETAILS**

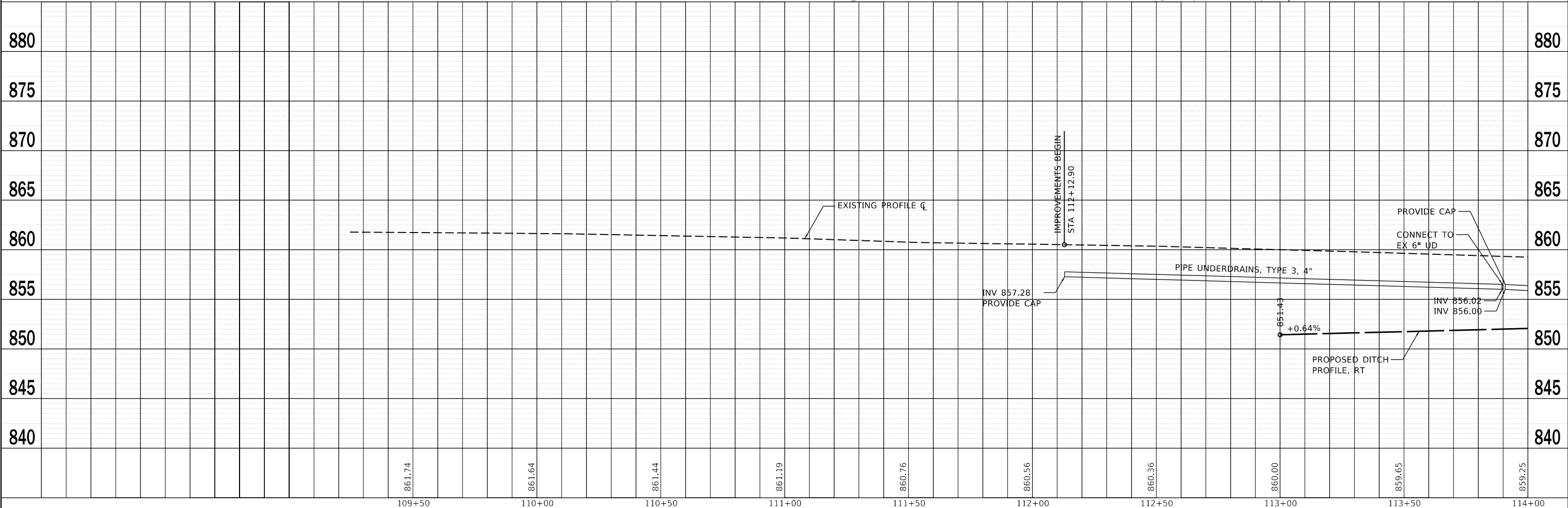
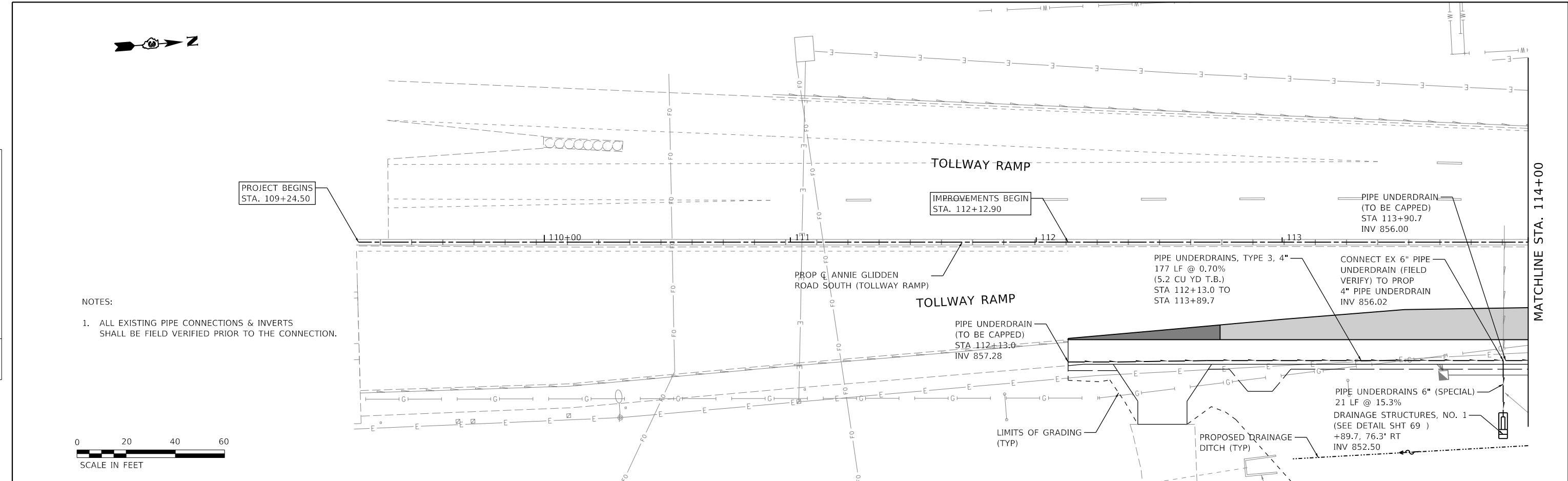
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	39
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITY PLAN & PROFILE  
 ANNIE GLIDDEN ROAD**

SCALE: 1"=20'      SHEET 1 OF 5 SHEETS      STA. 109+24.50 TO STA. 114+00.00

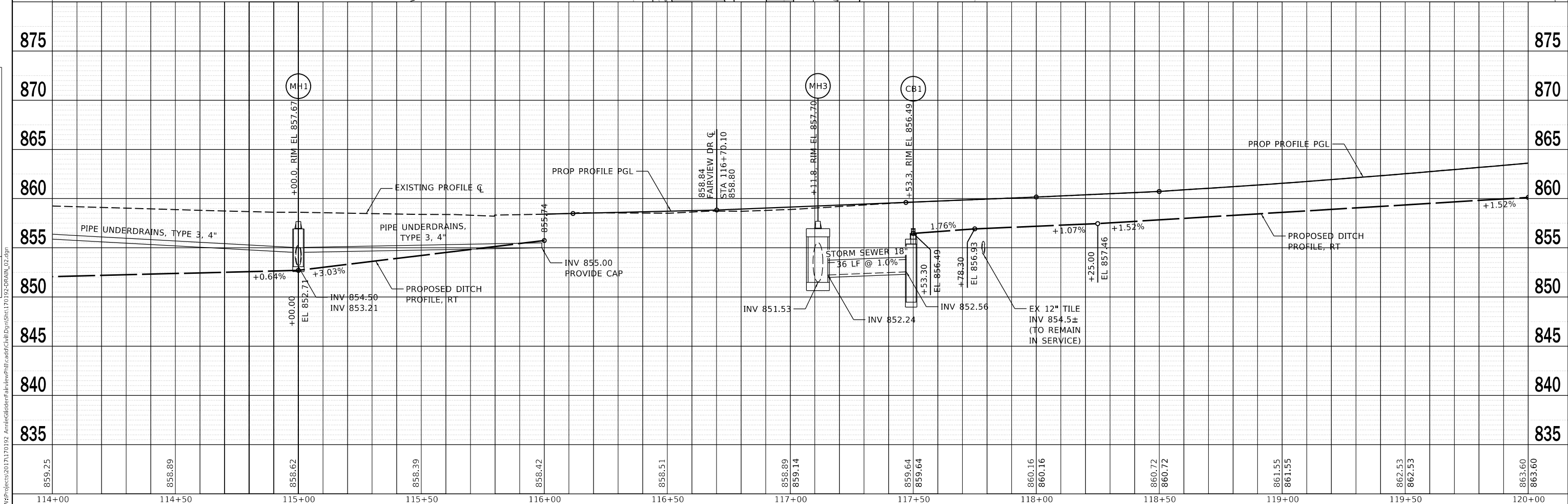
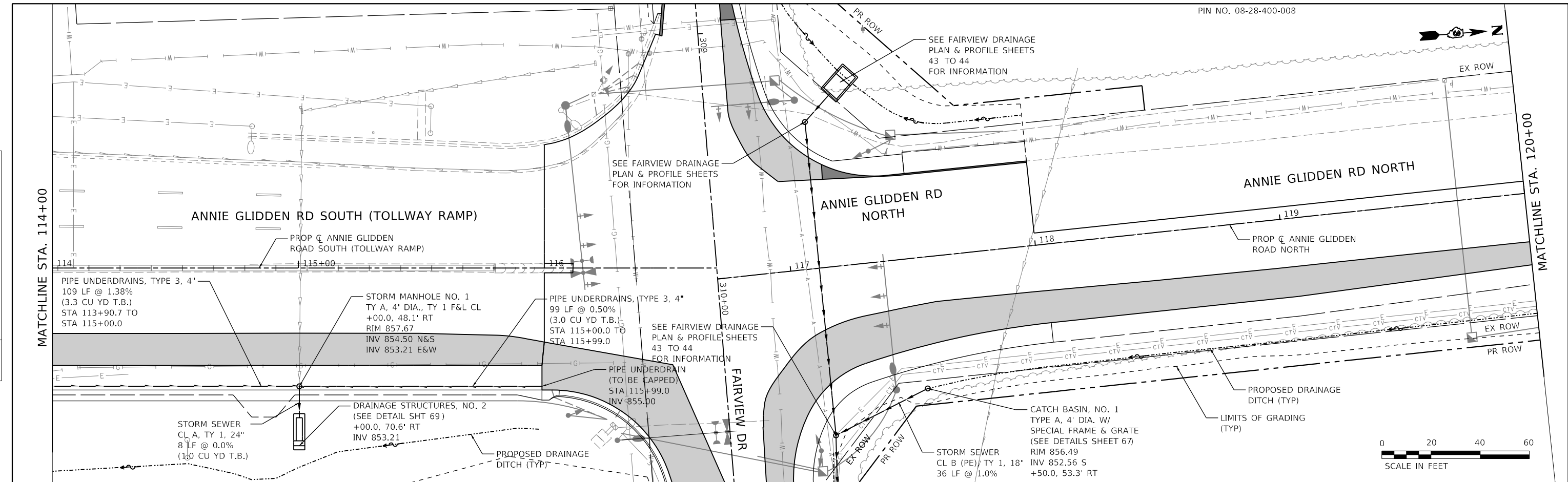
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5348	16-00189-00-WR	DEKALB	103	40
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	STRUCTURE	
	NOTATRS	
	CPAD	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES	BY
NO.	CHECKED	
	STRUCTURE	
	NOTATRS	
	CPAD	



859.25	858.89	858.62	858.39	858.42	858.51	858.89	859.14	859.64	859.64	860.16	860.16	860.72	860.72	861.55	861.55	862.53	862.53	863.60	863.60
114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00	118+50	119+00	119+50	120+00							

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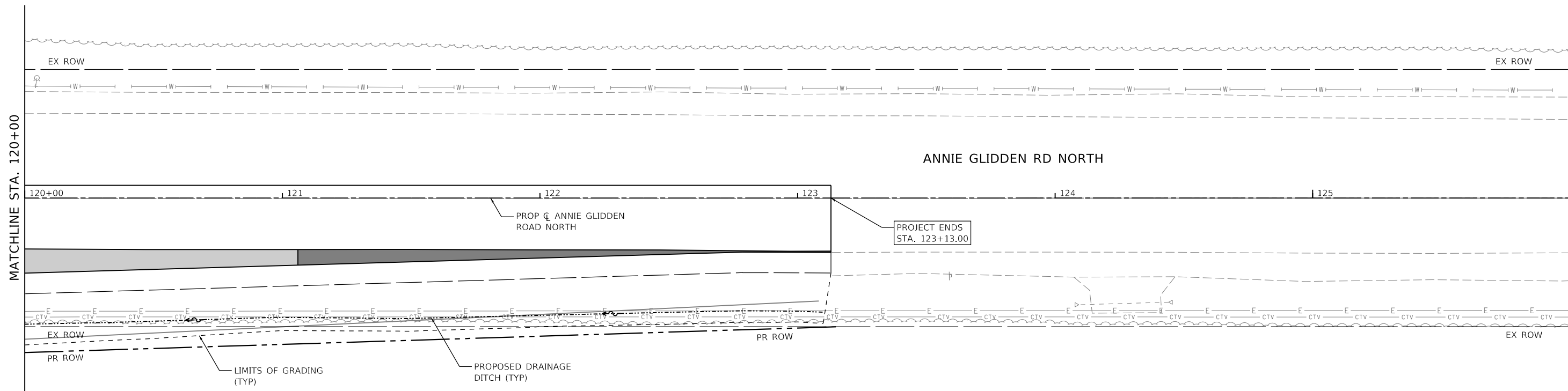
**STATE OF ILLINOIS  
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<b>DRAINAGE &amp; UTILITY PLAN &amp; PROFILE</b>			
<b>ANNIE GLIDDEN ROAD</b>			
SCALE: 1"=20'	SHEET 2	OF 5 SHEETS	STA. 114+00.00 TO STA. 120+00.00

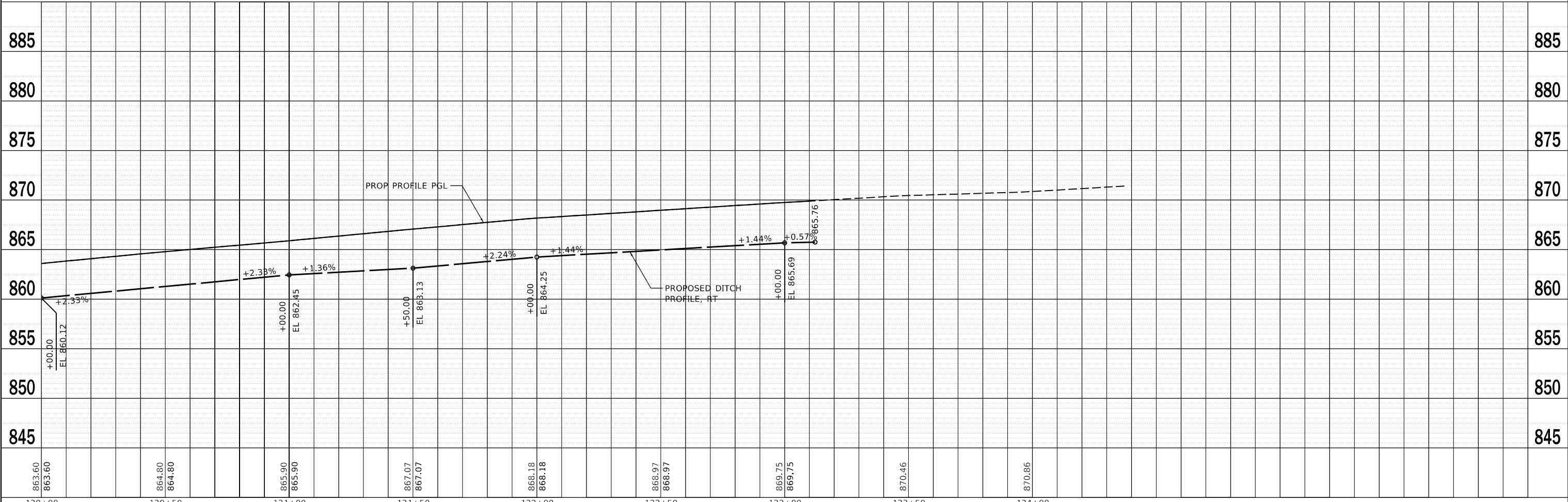
F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 41
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	



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



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



**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

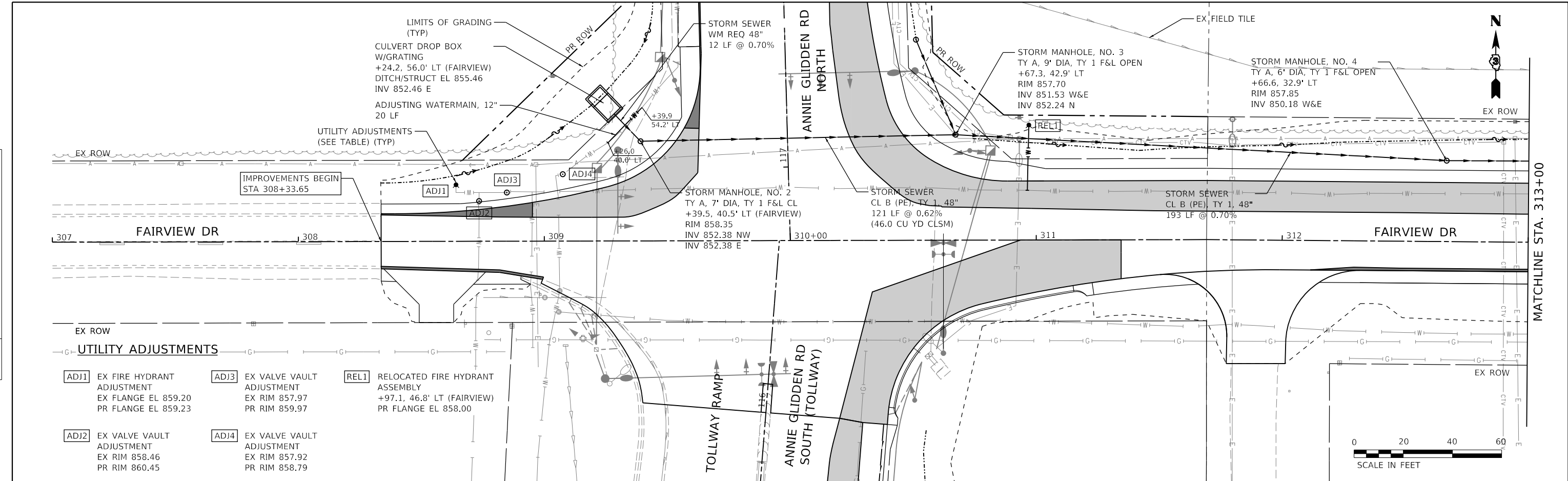
**DRAINAGE & UTILITY PLAN & PROFILE  
 ANNIE GLIDDEN ROAD**

SCALE: 1"=20'    SHEET 3 OF 5 SHEETS    STA. 120+00.00 TO STA. 123+13.00

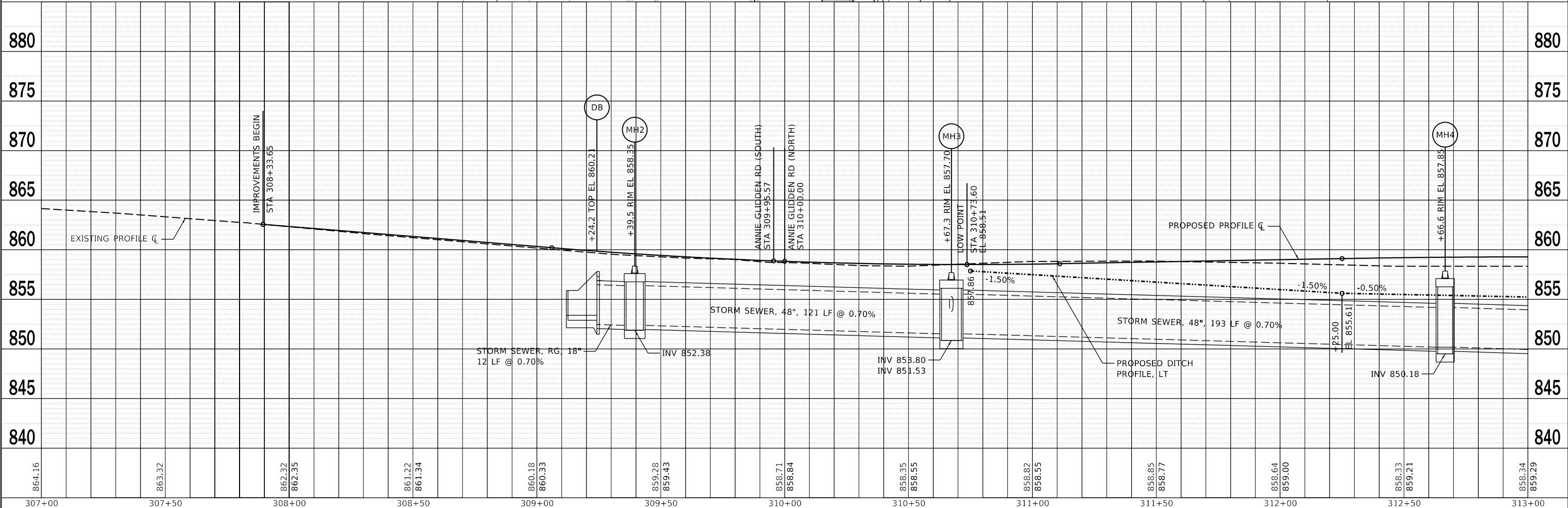
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5348	16-00189-00-WR	DEKALB	103	42
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS OK'D		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO.		



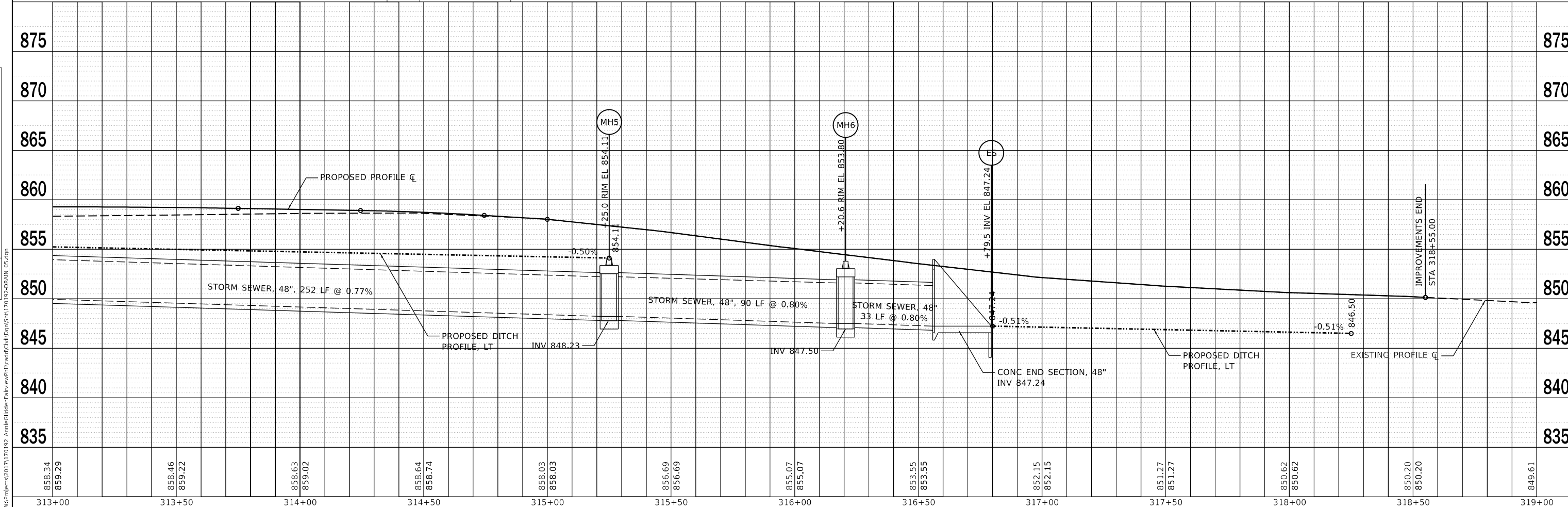
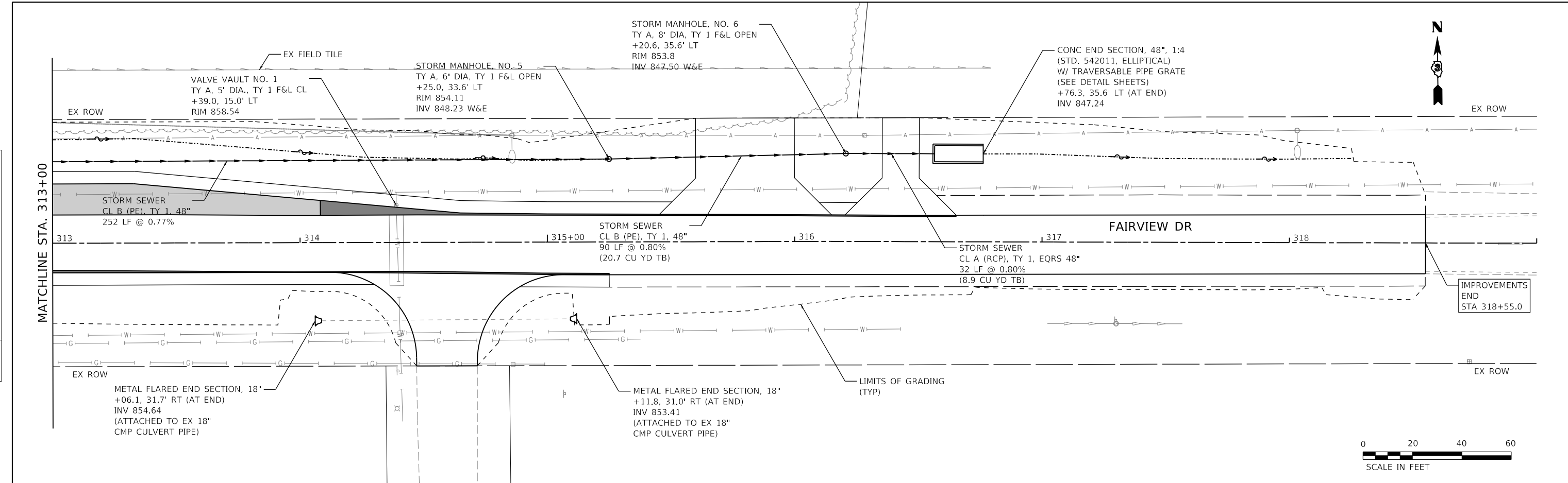
- UTILITY ADJUSTMENTS**
- ADJ1** EX FIRE HYDRANT ADJUSTMENT  
EX FLANGE EL 859.20  
PR FLANGE EL 859.23
  - ADJ2** EX VALVE VAULT ADJUSTMENT  
EX RIM 858.46  
PR RIM 860.45
  - ADJ3** EX VALVE VAULT ADJUSTMENT  
EX RIM 857.97  
PR RIM 859.97
  - ADJ4** EX VALVE VAULT ADJUSTMENT  
EX RIM 857.92  
PR RIM 858.79
  - REL1** RELOCATED FIRE HYDRANT ASSEMBLY  
+97.1, 46.8' LT (FAIRVIEW)  
PR FLANGE EL 858.00



<b>WBK engineering</b> WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris DESIGNED - SBP DRAWN - NDP CHECKED - MNB DATE = 02/26/18	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE &amp; UTILITY PLAN &amp; PROFILE FAIRVIEW DRIVE</b>		F.A.U. RTE. = 5348 SECTION = 16-00189-00-WR COUNTY = DEKALB ILLINOIS FED. AID PROJECT
	PLOT SCALE = 1:40 PLOT DATE = 2/26/2018	SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 308+33.65 TO STA. 313+00.00		TOTAL SHEETS = 103 SHEET NO. = 43 CONTRACT NO. = 87664		

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK	NO.	

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



858.34	859.29	858.46	859.22	858.63	859.02	858.64	858.74	858.03	858.03	856.69	856.69	855.07	855.07	853.55	853.55	852.15	852.15	851.27	851.27	850.62	850.62	850.20	850.20	849.61
313+00	313+50	314+00	314+50	315+00	315+50	316+00	316+50	317+00	317+50	318+00	318+50	319+00												

**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE &amp; UTILITY PLAN &amp; PROFILE</b>			
<b>FAIRVIEW DRIVE</b>			
SCALE: 1"=20'	SHEET 5	OF 5 SHEETS	STA. 313+00.00 TO STA. 318+55.00

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 44
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

PART OF THE SOUTHEAST AND SOUTHWEST QUARTERS OF SECTION 28, AND THE SOUTHWEST QUARTER SECTION 27, TWP. 40N., R. 04 E. OF THE 3RD. P.M., IN DEKALB COUNTY, ILLINOIS.

I, DONALD RERICKA, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF ANNIE GLIDDEN ROAD AT FAIRVIEW DRIVE WAS MADE BY ME OR UNDER MY DIRECTION, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED \_\_\_\_\_

By \_\_\_\_\_  
DONALD RERICKA, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465  
LICENSE EXPIRATION DATE: 11/30/2018

SEE SHEET 2 FOR TOTAL HOLDING

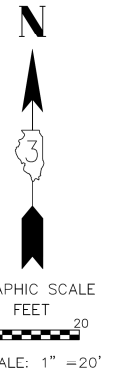
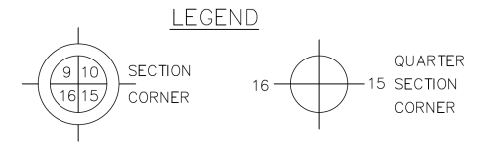
**PARCEL 0001**

DANIEL F. AND ADA L. RICE FOUNDATION A/K/A THE RICE FOUNDATION, AN ILLINOIS NOT-FOR-PROFIT CORPORATION  
TOTAL HOLDING = 205.326 AC. +/-  
TOTAL R.O.W. REQUIRED = 0.106  
REMAINDER = 205.220

SEE SHEET 2 FOR TOTAL HOLDING

**PARCEL 0002**

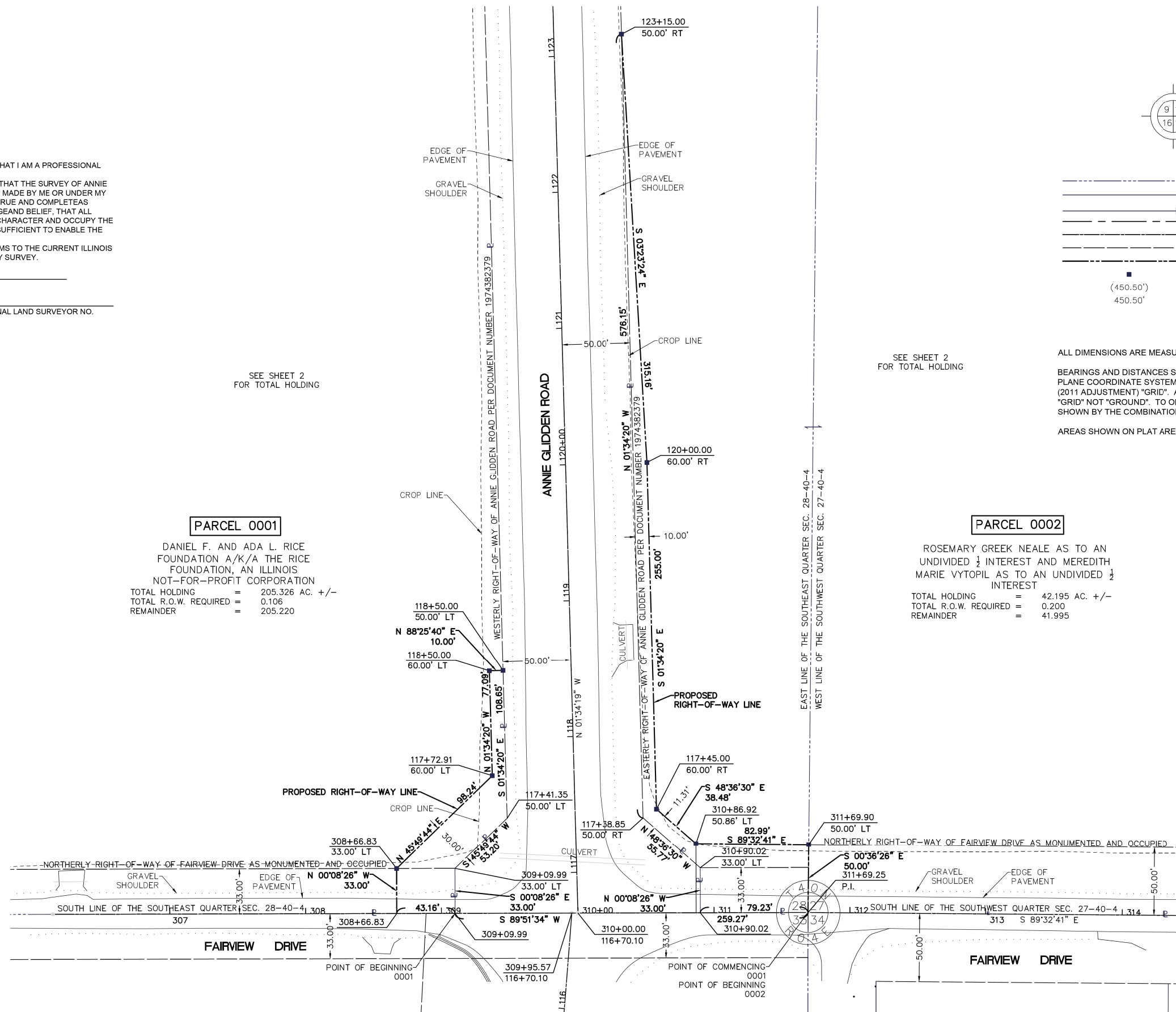
ROSEMARY GREEK NEALE AS TO AN UNDIVIDED 1/2 INTEREST AND MEREDITH MARIE VYTOPIK AS TO AN UNDIVIDED 1/2 INTEREST  
TOTAL HOLDING = 42.195 AC. +/-  
TOTAL R.O.W. REQUIRED = 0.200  
REMAINDER = 41.995



ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.



FILE NAME = W:\Projects\2017\170102\_AnnieGliddenFairview\PHIL\cadd\Civil\Dgn\Shil170102-ROW\_01.dgn



WBK ENGINEERING, LLC  
316 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

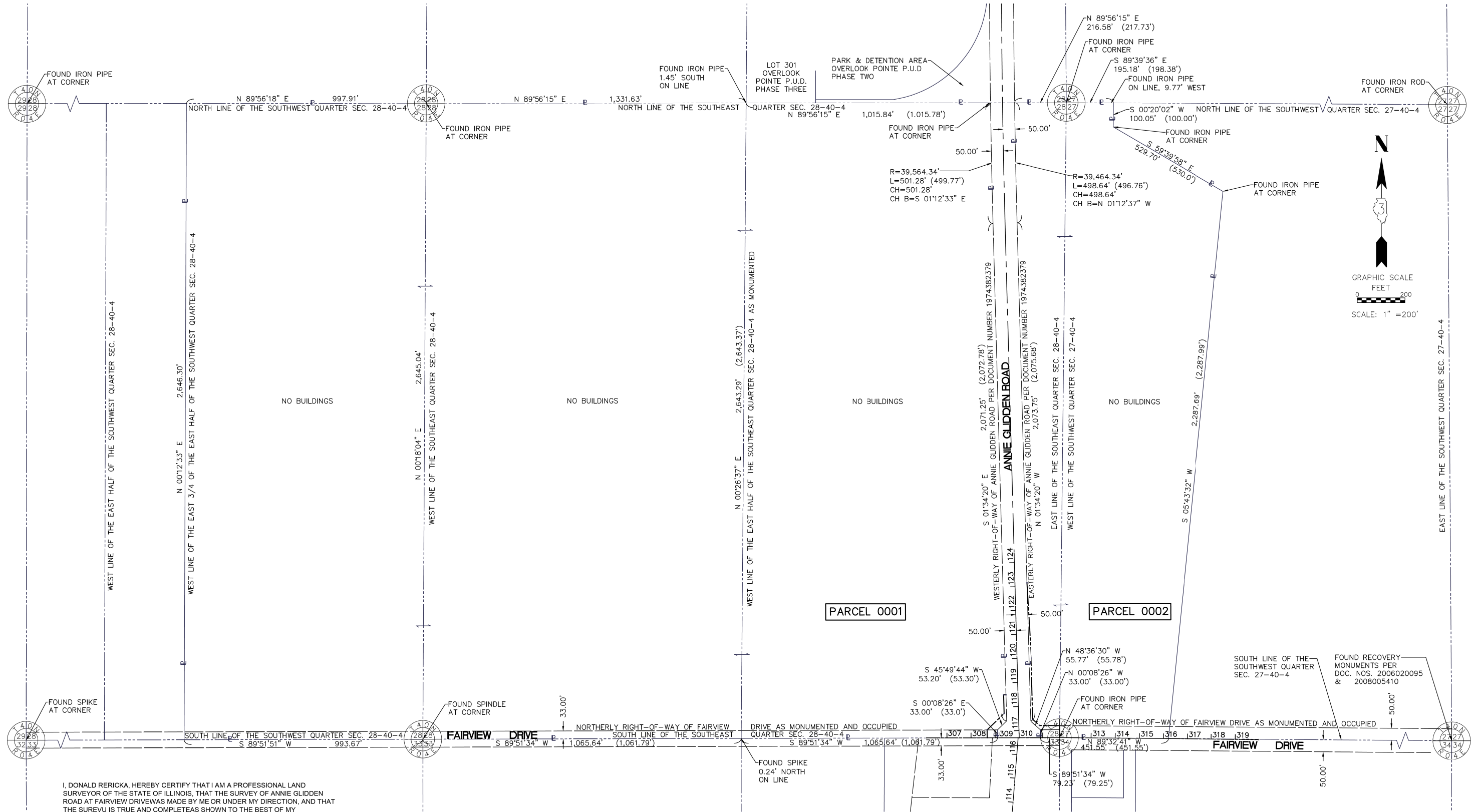
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PLOT SCALE = 1:2	DRAWN -	REVISED -
PLOT DATE = 2/26/2018	CHECKED -	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAY  
FOR REFERENCE ONLY  
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 45
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

PART OF THE SOUTHEAST AND SOUTHWEST QUARTERS OF SECTION 28, AND THE SOUTHWEST QUARTER SECTION 27, TWP. 40N., R. 04 E. OF THE 3RD. P.M., IN DEKALB COUNTY, ILLINOIS.



I, DONALD RERICKA, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF ANNIE GLIDDEN ROAD AT FAIRVIEW DRIVE WAS MADE BY ME OR UNDER MY DIRECTION, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED \_\_\_\_\_

By Donald Rericka, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003465  
 LICENSE EXPIRATION DATE: 11/30/2018

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9998952584.

AREAS SHOWN ON PLAT ARE GROUND.

FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairviewPhlat\cadd\Civil\Drawn\170192-ROW\_02.dgn



USER NAME = nparis	DESIGNED -	REVISED -
PLOT SCALE = 1:2	DRAWN -	REVISED -
PLOT DATE = 2/26/2018	CHECKED -	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAY  
 FOR REFERENCE ONLY

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	46
				CONTRACT NO. 87664
		ILLINOIS	FED. AID PROJECT	

STA 119+45.42, 158.89' LT  
(ANNIE GLIDDEN NORTH)  
N 1909406.643  
E 864213.605

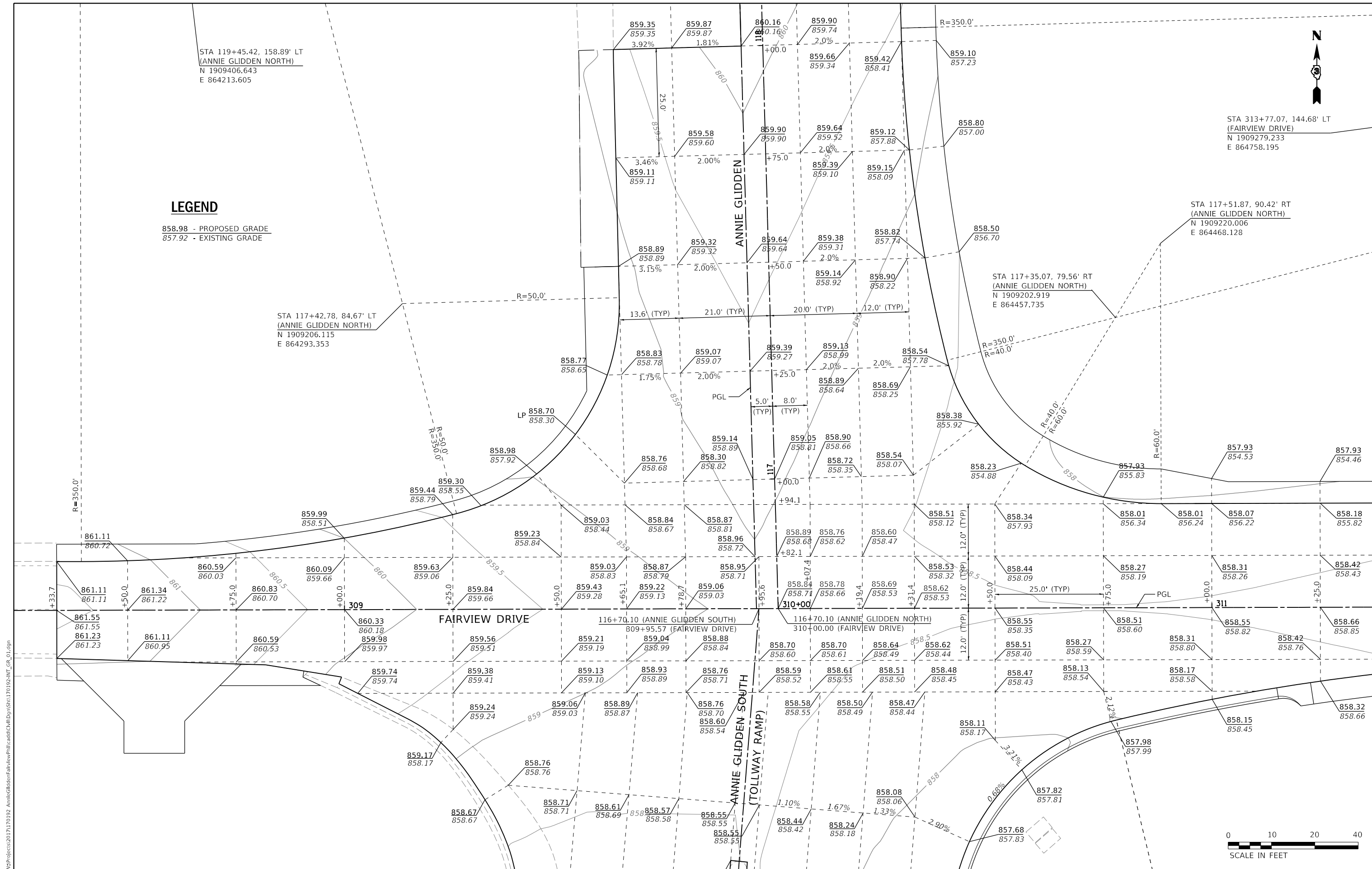
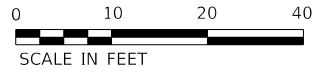
STA 313+77.07, 144.68' LT  
(FAIRVIEW DRIVE)  
N 1909279.233  
E 864758.195

STA 117+51.87, 90.42' RT  
(ANNIE GLIDDEN NORTH)  
N 1909220.006  
E 864468.128

STA 117+35.07, 79.56' RT  
(ANNIE GLIDDEN NORTH)  
N 1909202.919  
E 864457.735

STA 117+42.78, 84.67' LT  
(ANNIE GLIDDEN NORTH)  
N 1909206.115  
E 864293.353

**LEGEND**  
858.98 - PROPOSED GRADE  
857.92 - EXISTING GRADE



FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairview\PHILLIP\cadd\Civil\Drawings\170192\_INT\_GR\_01.dgn

**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:20	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

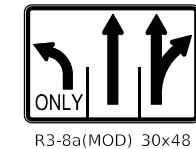
**INTERSECTION GRADING PLAN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

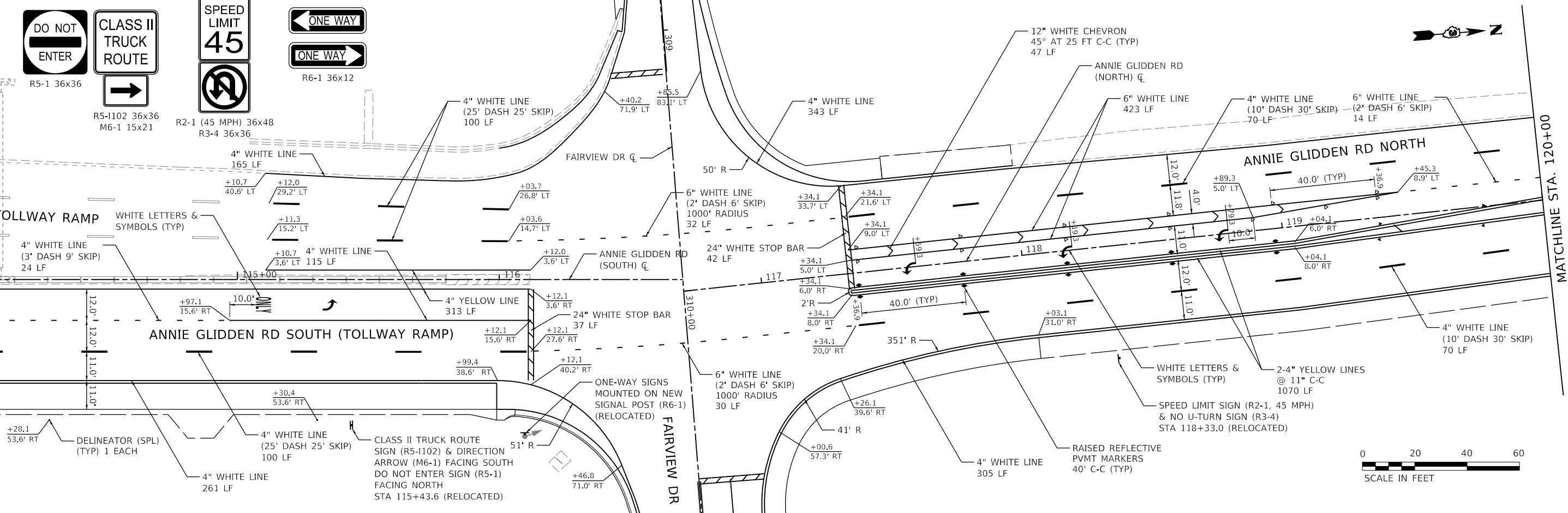
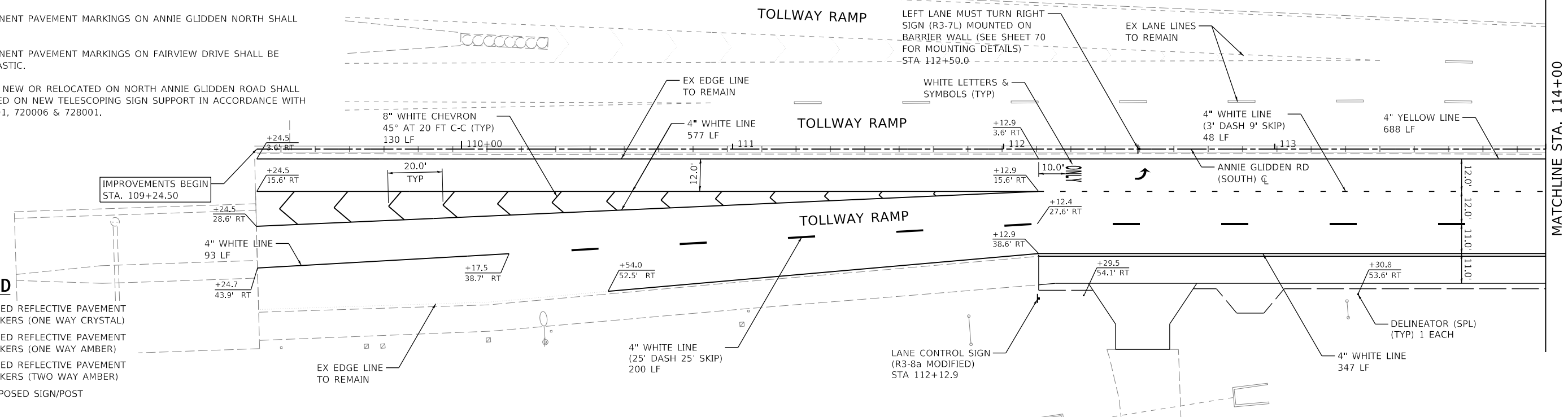
NOTES:

- ALL PAVEMENT MARKINGS ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP), STA. 109+24.50 TO STA. 116+00, AFTER FINAL SURFACING SHALL BE TEMPORARY MARKINGS USING TYPE IV TAPE. PERMANENT PAVEMENT MARKING SHALL BE COMPLETED BY OTHERS AS PART OF TOLLWAY CONTRACTS RR-16-4253 & 4254.
- ALL TEMPORARY PAVEMENT MARKING ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP) SHALL BE 4", 8" OR 24" IN WIDTH.
- ALL PERMANENT PAVEMENT MARKINGS ON ANNIE GLIDDEN NORTH SHALL BE PAINT.
- ALL PERMANENT PAVEMENT MARKINGS ON FAIRVIEW DRIVE SHALL BE THERMOPLASTIC.
- ALL SIGNS, NEW OR RELOCATED ON NORTH ANNIE GLIDDEN ROAD SHALL BE MOUNTED ON NEW TELESCOPING SIGN SUPPORT IN ACCORDANCE WITH STD. 720001, 720006 & 728001.
- ALL SIGNS, NEW OR RELOCATED ON SOUTH ANNIE GLIDDEN ROAD (TOLLWAY RAMP) SHALL BE MOUNTED ON NEW WOOD SIGN SUPPORT IN ACCORDANCE WITH STD. 720001 AND 720006.
- REFLECTIVE PAVEMENT MARKERS ON ANNIE GLIDDEN NORTH SHALL BE SPACED IN ACCORDANCE WITH STD. 781001 AND DISTRICT 3 STANDARD DETAILS.



LEGEND

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE WAY CRYSTAL)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (TWO WAY AMBER)
- † PROPOSED SIGN/POST



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WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
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	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

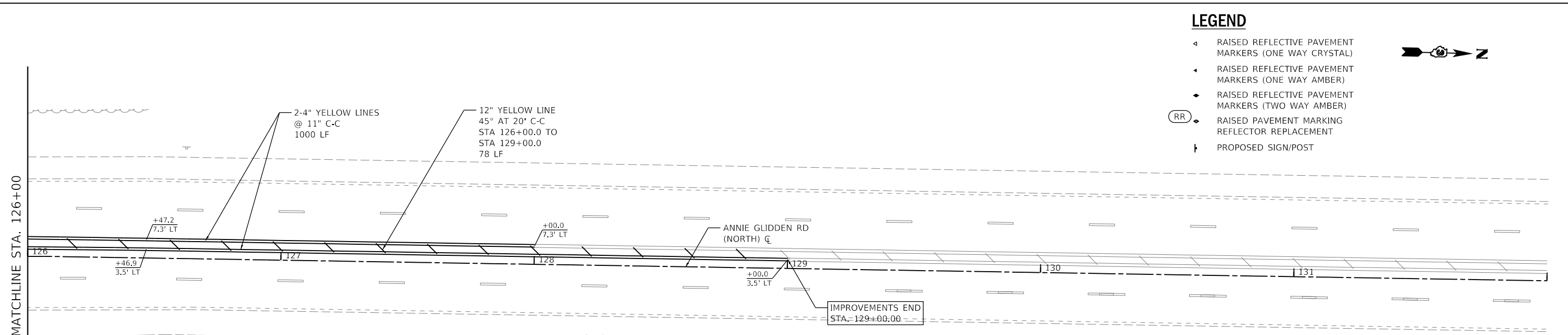
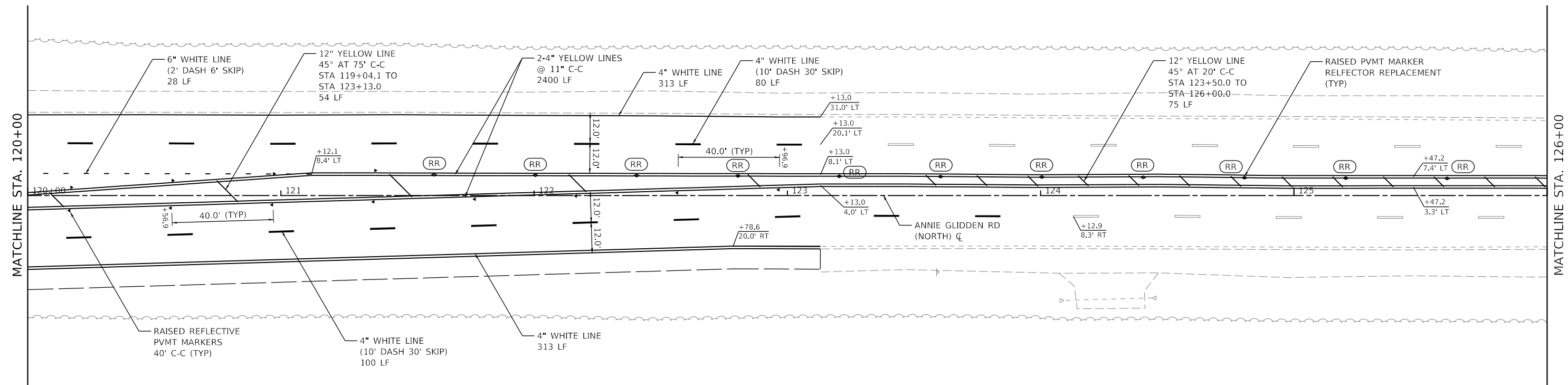
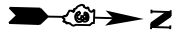
PAVEMENT MARKING & SIGNING PLAN  
ANNIE GLIDDEN ROAD

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 109+24.50 TO STA. 120+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	48
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				







**LEGEND**

- ◄ RAISED REFLECTIVE PAVEMENT MARKERS (ONE WAY CRYSTAL)
- ◄ RAISED REFLECTIVE PAVEMENT MARKERS (ONE WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKERS (TWO WAY AMBER)
- (RR) ◆ RAISED PAVEMENT MARKING REFLECTOR REPLACEMENT
- † PROPOSED SIGN/POST



**NOTES:**

1. ALL PAVEMENT MARKINGS ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP), STA. 109+24.50 TO STA. 116+00, AFTER FINAL SURFACING SHALL BE TEMPORARY MARKINGS USING TYPE IV TAPE. PERMANENT PAVEMENT MARKING SHALL BE COMPLETED BY OTHERS AS PART OF TOLLWAY CONTRACTS RR-16-4253 & 4254.
2. ALL TEMPORARY PAVEMENT MARKING ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP) SHALL BE 4", 8" OR 24" IN WIDTH.
3. ALL PERMANENT PAVEMENT MARKINGS ON ANNIE GLIDDEN NORTH SHALL BE PAINT.
4. ALL PERMANENT PAVEMENT MARKINGS ON FAIRVIEW DRIVE SHALL BE THERMOPLASTIC.
5. ALL SIGNS, NEW OR RELOCATED ON NORTH ANNIE GLIDDEN ROAD SHALL BE MOUNTED ON NEW TELESCOPING SIGN SUPPORT IN ACCORDANCE WITH STD. 720001, 720006 & 728001.
6. ALL SIGNS, NEW OR RELOCATED ON SOUTH ANNIE GLIDDEN ROAD (TOLLWAY RAMP) SHALL BE MOUNTED ON NEW WOOD SIGN SUPPORT IN ACCORDANCE WITH STD. 720001 AND 720006.
7. REFLECTIVE PAVEMENT MARKERS ON ANNIE GLIDDEN NORTH SHALL BE SPACED IN ACCORDANCE WITH STD. 781001 AND DISTRICT 3 STANDARD DETAILS.



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**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

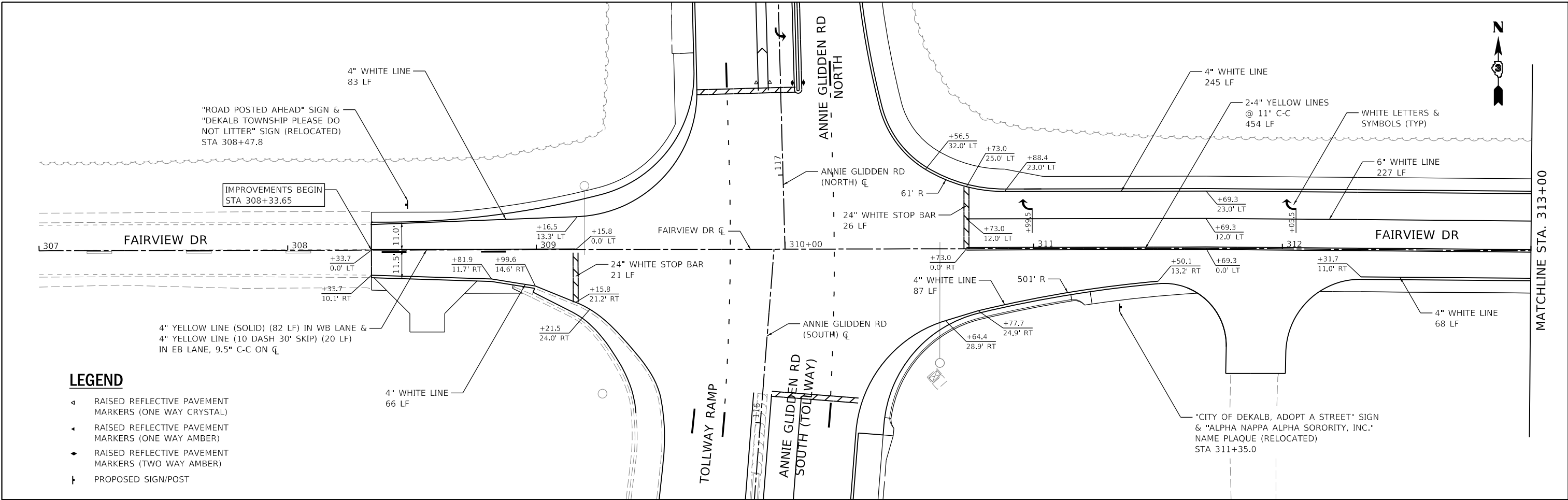
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PLOT DATE = 02/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN  
ANNIE GLIDDEN ROAD**

SCALE: 1"=20'      SHEET 2 OF 4 SHEETS      STA. 120+00.00 TO STA. 132+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	49
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

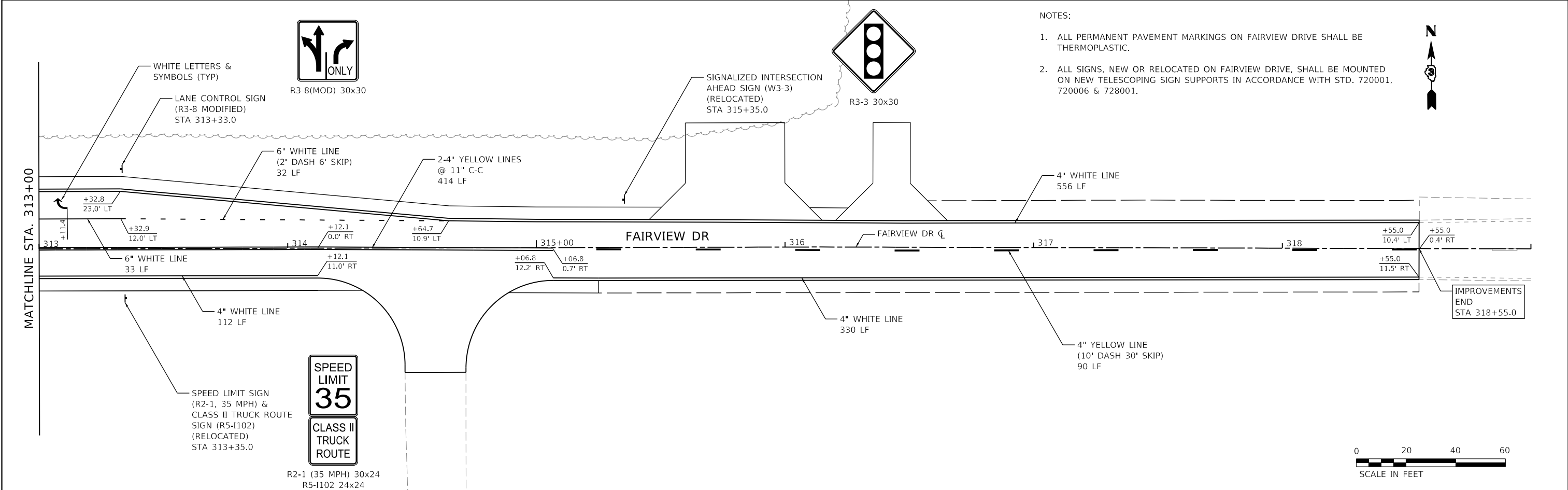


**LEGEND**

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE WAY CRYSTAL)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (TWO WAY AMBER)
- † PROPOSED SIGN/POST

**NOTES:**

1. ALL PERMANENT PAVEMENT MARKINGS ON FAIRVIEW DRIVE SHALL BE THERMOPLASTIC.
2. ALL SIGNS, NEW OR RELOCATED ON FAIRVIEW DRIVE, SHALL BE MOUNTED ON NEW TELESCOPING SIGN SUPPORTS IN ACCORDANCE WITH STD. 720001, 720006 & 728001.



**WBK engineering**  
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 116 WEST MAIN STREET, SUITE 201  
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 (630) 443-7755

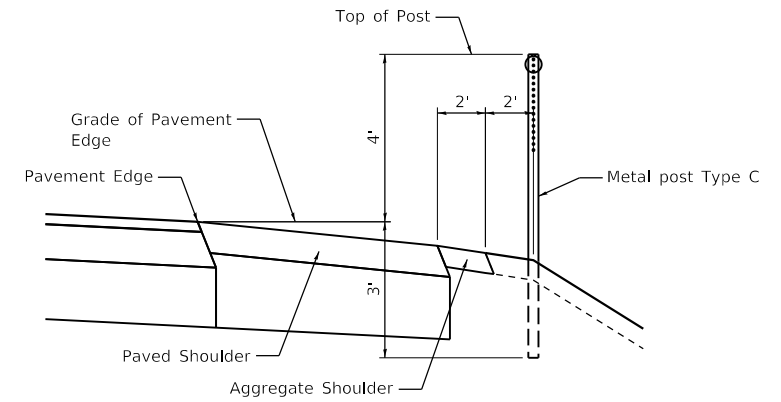
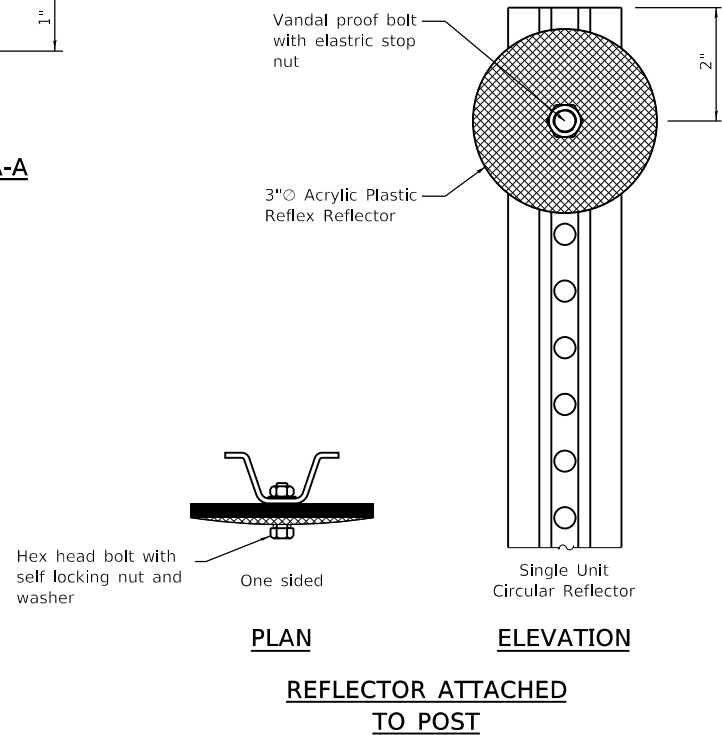
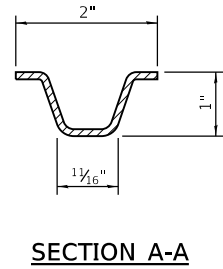
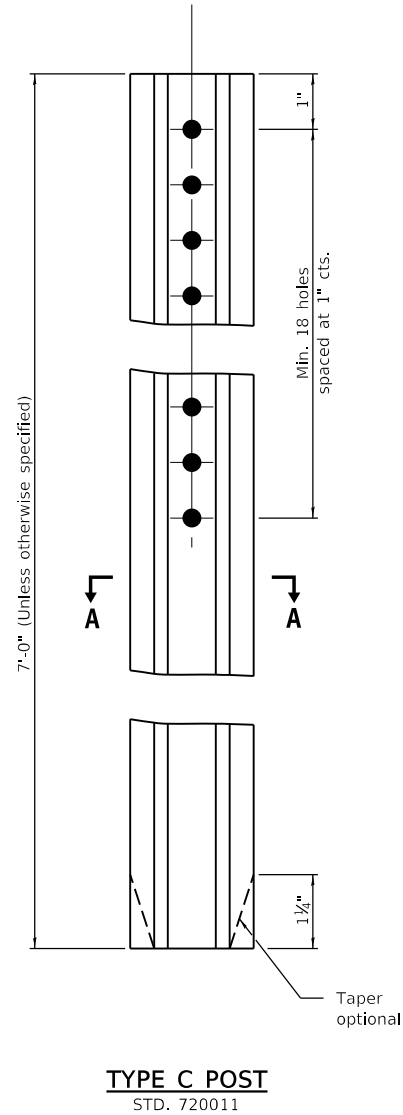
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	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

<b>PAVEMENT MARKING &amp; SIGNING PLAN</b>	
<b>FAIRVIEW DRIVE</b>	
SCALE: 1"=20'	SHEET 3 OF 4 SHEETS
STA. 308+33.65	TO STA. 318+55.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	50
CONTRACT NO. 87664				
		ILLINOIS	FED. AID PROJECT	

WBK engineering	
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**ROADWAY DELINEATOR INSTALLATION SECTIONAL VIEW**

**DELINEATORS AND REFLECTORS DETAIL**

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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:40	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	51
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

### INDEX OF SHEETS

- 1 INDEX OF SHEETS, HIGHWAY STANDARDS, AND SUMMARY OF QUANTITIES
- 2 TEMPORARY TRAFFIC SIGNAL AND REMOVAL PLAN - ANNIE GLIDDEN RD & FAIRVIEW DR
- 3 TEMPORARY TRAFFIC SIGNAL AND REMOVAL PLAN - TOLLWAY RAMP
- 4 TRAFFIC SIGNAL PLAN TEMPORARY CABLE PLAN
- 5 TRAFFIC SIGNAL PLAN INSTALLATION PLAN
- 6 TRAFFIC SIGNAL PLAN INSTALLATION PLAN
- 7 TRAFFIC SIGNAL PLAN CABLE PLAN
- 8 TRAFFIC SIGNAL PLAN MAST ARM LOADING & DETECTOR LOOP INDUCTANCE CHART
- 9 TRAFFIC SIGNAL PLAN LIGHTING GENERAL NOTES, SOQ AND DETAILS
- 10 TRAFFIC SIGNAL PLAN LIGHTING REMOVAL PLAN
- 11 TRAFFIC SIGNAL PLAN LIGHTING PLAN
- 12 COMBINATION LIGHTING & TRAFFIC POLE MOUNTED ELECTRIC SERVICE BOX DETAIL
- 13 COMBINATION LIGHTING CONTROLLER DETAIL

### I.D.O.T. HIGHWAY STANDARD DRAWINGS

- 805001-01 ELECTRIC SERVICE INSTALLATION DETAILS
- 814001-03 HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 877011-09 STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877012-06 STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 878001-10 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTOR LOOPS

SP	CODE NUMBER	DESCRIPTION	UNIT	SIGNAL REMOVAL / TEMPORARY SIGNAL QUANTITY	NEW SIGNAL QUANTITY	LIGHTING QUANTITY	TOTAL QUANTITY
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	15	0	0	15
	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	30	0	0	30
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	0	1	0	1
	81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	0	0	355	355
	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	0	306	0	306
	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	0	151	0	151
	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	0	159	0	159
	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	0	4	0	4
	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	0	0	1,305	1,305
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	0	0	2	2
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1	0	0	1
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	0	0	1
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	0	350	0	350
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	0	1,907	0	1,907
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	0	1,299	0	1,299
	87301295	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	0	350	0	350
	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	0	3,673	0	3,673
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	0	137	0	137
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	0	663	0	663
	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	0	1	0	1
	87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	0	1	0	1
	87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH	0	1	0	1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	0	9	0	9
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	0	26	0	26
	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	0	25	0	25
	87900200	DRILL EXISTING HANDHOLE	EACH	0	6	0	6
	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	0	1	0	1
	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	0	3	0	3
	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	0	3	0	3
	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	0	9	0	9
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	0	13	0	13
	88600100	DETECTOR LOOP, TYPE I	FOOT	0	2,641	0	2,641
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	0	0	1
	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	6	0	0	6
	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3	0	0	3
	89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1	0	0	1
*	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2	0	0	2
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,450	0	282	4,732
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7	0	0	7
	89502380	REMOVE EXISTING HANDHOLE	EACH	3	0	0	3
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6	0	0	6
*	X0325839	SIGNAL TIMING	L SUM	0	1	0	1
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	0	0	4	4
*	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	0	0	1	1
*	X8860100	LOOP DETECTOR TESTING	EACH	0	1	0	1
*	X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	0	1	0	1



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

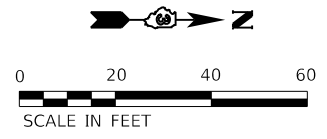
INDEX OF SHEETS, HIGHWAY STANDARDS,  
AND SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	52
CONTRACT NO.			87664	
ILLINOIS		FED. AID PROJECT		

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (89502375) = 7

- A - 1 EACH POLYCARBONATE 3 SECTION MAST ARM MOUNTED, LED
- B - 3 EACH POLYCARBONATE 3 SECTION 1 FACE BRACKET MOUNTED, LED
- C - 1 EACH 14 FOOT GALVANIZED TRAFFIC SIGNAL POST - (116+99.2, 47.4 RT)
- D - 1 EACH 24 FOOT STEEL MAST ARM ASSEMBLY AND POLE
- E - 1 EACH 34 FOOT STEEL MAST ARM ASSEMBLY AND POLE

RELOCATE EXISTING SIGNAL HEAD (89500100) = 6

- K - 5 EACH POLYCARBONATE 3 SECTION MAST ARM MOUNTED
- L - 1 EACH POLYCARBONATE 3 SECTION 2 FACE BRACKET MOUNTED, LED

REMOVE EXISTING HANDHOLE (89502380) = 3

- F - 2 EACH HANDHOLE - (113+65.6, 54.1 RT; 116+97.9, 66.1 LT)
- G - 1 EACH HEAVY DUTY HANDHOLE - (116+70.1, 62.0 RT)

RELOCATE EXISTING TRAFFIC SIGNAL POST (89501150) = 3

- M - 2 EACH 16 FOOT - (116+24.1, 76.5 LT; 116+15.0, 51.4 RT)
- N - 1 EACH 14 FOOT - (117+21.5, 43.3 LT)

REMOVE EXISTING CONCRETE FOUNDATION (89502385) = 6

- H - 2 EACH TYPE E, 30" - (116+97.7, 80.0 LT; 117+37.4, 33.4 RT)
- I - 1 EACH TYPE E, 36" - (116+06.8, 64.2 LT)
- J - 3 EACH TYPE A - (116+15.0, 51.4 RT; 117+21.5, 43.3 LT; 116+99.2, 47.4 RT)

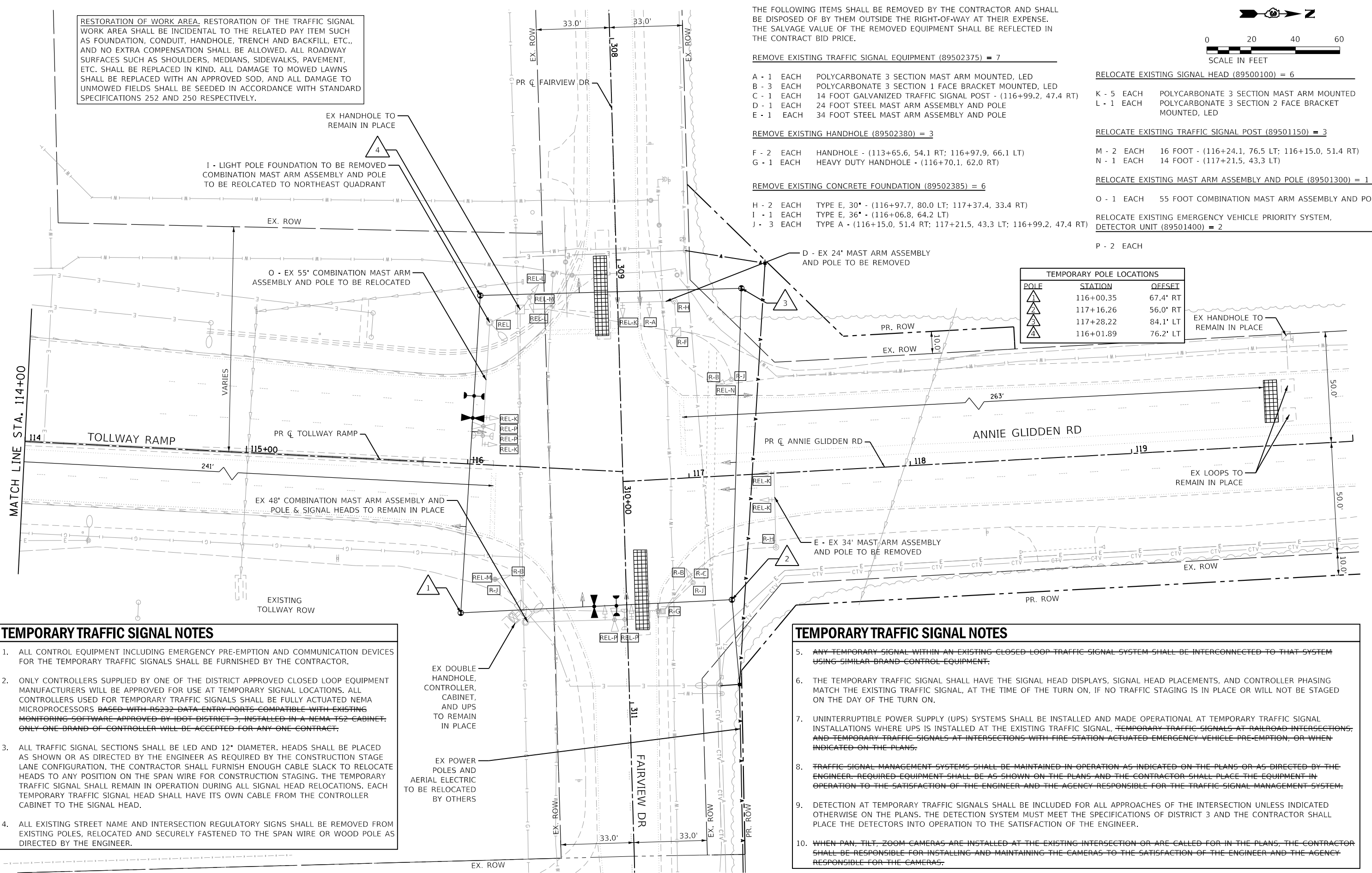
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE (89501300) = 1

- O - 1 EACH 55 FOOT COMBINATION MAST ARM ASSEMBLY AND POLE

RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT (89501400) = 2

- P - 2 EACH

TEMPORARY POLE LOCATIONS		
POLE	STATION	OFFSET
1	116+00.35	67.4' RT
2	117+16.26	56.0' RT
3	117+28.22	84.1' LT
4	116+01.89	76.2' LT



**TEMPORARY TRAFFIC SIGNAL NOTES**

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSORS BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 3, INSTALLED IN A NEMA T52 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS SHALL BE LED AND 12" DIAMETER. HEADS SHALL BE PLACED AS SHOWN OR AS DIRECTED BY THE ENGINEER AS REQUIRED BY THE CONSTRUCTION STAGE LANE CONFIGURATION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.

**TEMPORARY TRAFFIC SIGNAL NOTES**

5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS, AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 3 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

EX DOUBLE HANDHOLE, CONTROLLER, CABINET, AND UPS TO REMAIN IN PLACE

EX POWER POLES AND AERIAL ELECTRIC TO BE RELOCATED BY OTHERS



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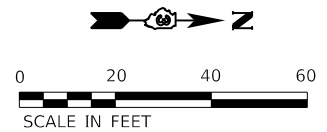
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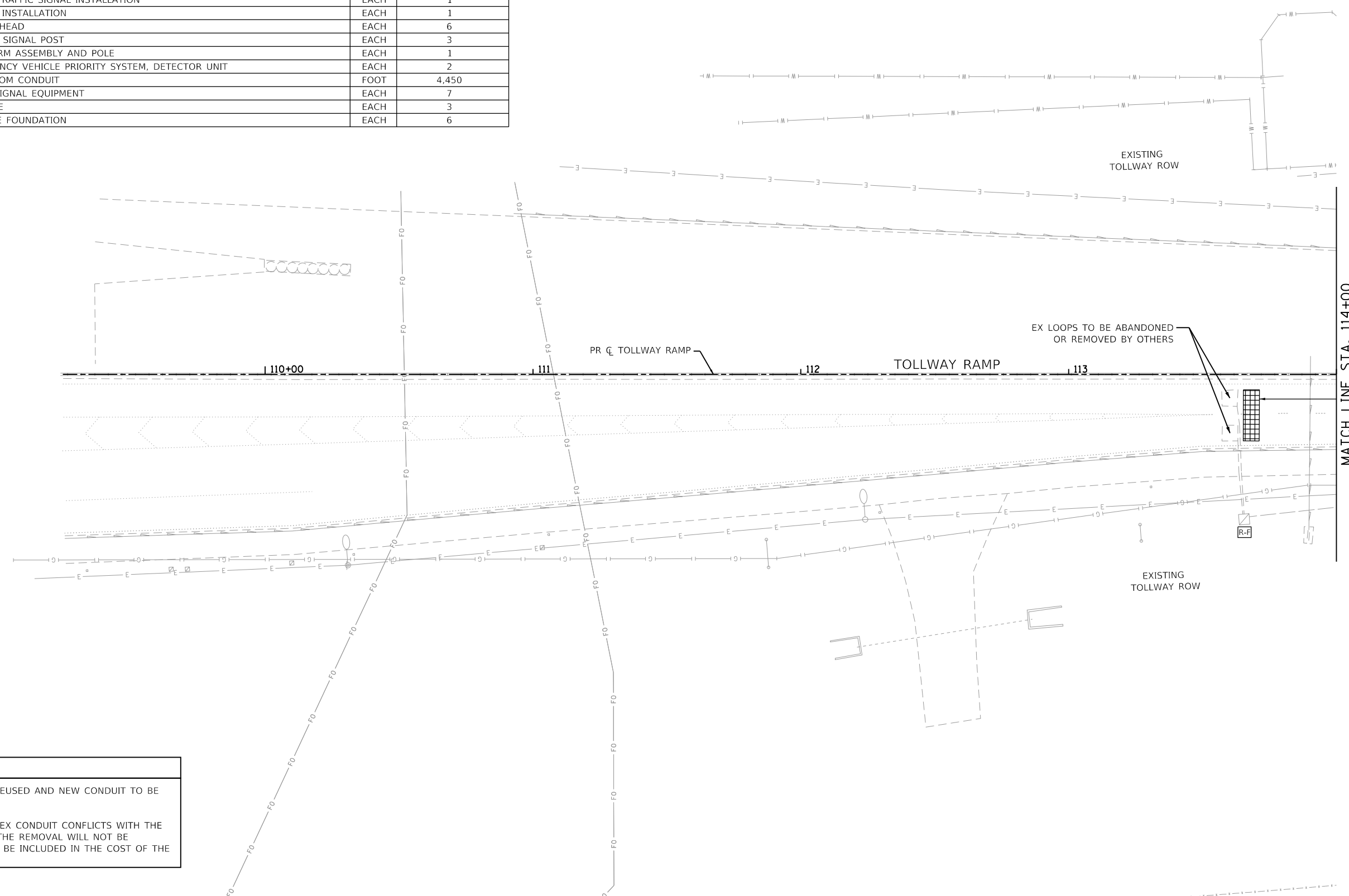
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL AND REMOVAL PLAN  
ANNIE GLIDDEN RD & FAIRVIEW DR  
SCALE: 1"=20'  
SHEET 2 OF 13 SHEETS  
STA. 114+00 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	53
				CONTRACT NO. 87664
ILLINOIS FED. AID PROJECT				



SP	CODE NUMBER	DESCRIPTION	UNIT	QUANTITY
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	15
	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	30
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	6
	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3
	89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1
*	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,450
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7
	89502380	REMOVE EXISTING HANDHOLE	EACH	3
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6



**TEMPORARY TRAFFIC SIGNAL NOTES**

- SEE PERMANENT SIGNAL PLANS FOR EX CONDUIT TO BE REUSED AND NEW CONDUIT TO BE INSTALLED.
- ANY EX CONDUIT NOT REUSED SHALL BE ABANDONED. IF EX CONDUIT CONFLICTS WITH THE PROPOSED IMPROVEMENTS THEN IT SHALL BE REMOVED. THE REMOVAL WILL NOT BE MEASURED OR PAID FOR SEPARATELY AND WILL BE INCLUDED IN THE COST OF THE CONTRACT.



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

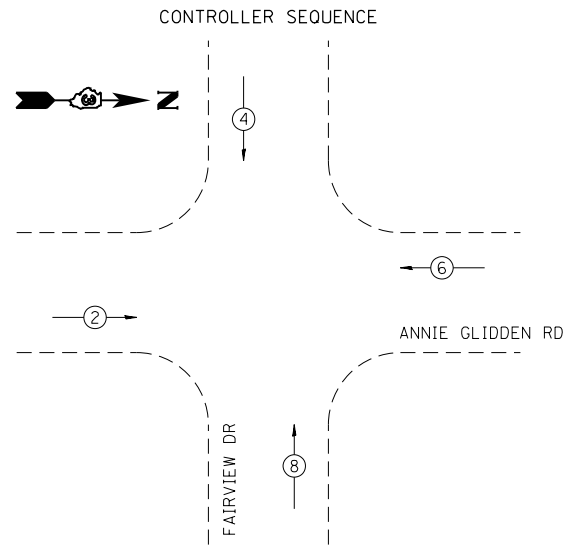
**TEMPORARY TRAFFIC SIGNAL AND REMOVAL PLAN**  
**TOLLWAY RAMP**  
 SCALE: 1"=20' SHEET 3 OF 13 SHEETS STA. 110+00 TO STA. 114+00

F.A.U. RTE. = 5348	SECTION = 16-00189-00-WR	COUNTY = DEKALB	TOTAL SHEETS = 103	SHEET NO. = 54
CONTRACT NO. = 87664			ILLINOIS FED. AID PROJECT	

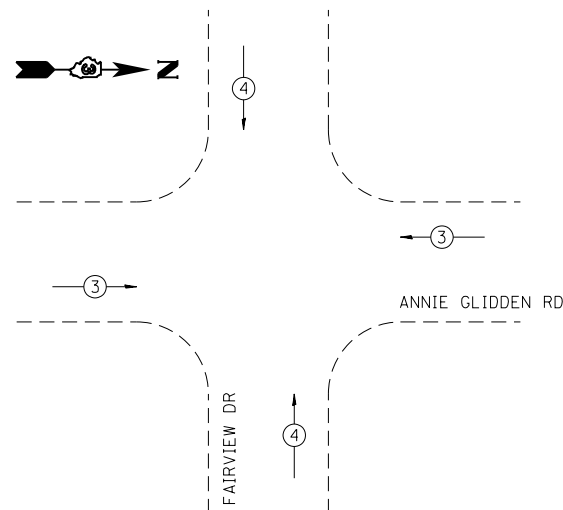
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PENTABLE = Golden\_Scientific

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PHASE DESIGNATION DIAGRAM

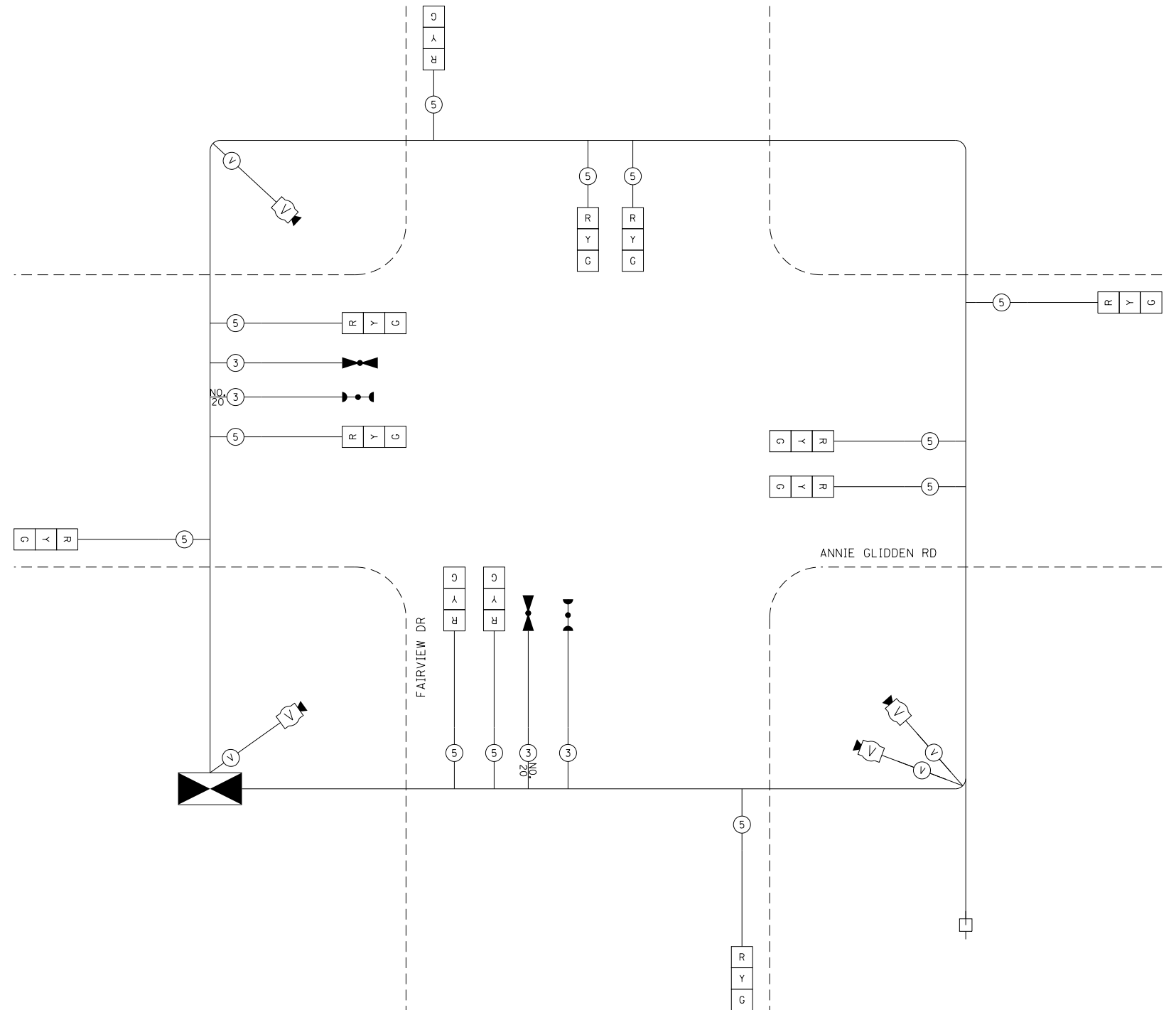


EMERGENCY VEHICLE DESIGNATION DIAGRAM

LEGEND:

- ◉ DUAL ENTRY PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓



CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	WATTAGE LED	% OPERATION	
SIGNAL (RED)	12		17	0.50	102.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
CONTROLLER	1		100	1.00	100.0
TOTAL =					322.0

ENERGY COST TO: CITY OF DEKALB  
223 S. FOURTH ST.  
DEKALB, IL 60115

ENERGY SUPPLY: CONTACT: xx  
PHONE: xx  
COMPANY: xx



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
TEMPORARY CABLE PLAN

SCALE: SHEET 4 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	55
				CONTRACT NO. 87664

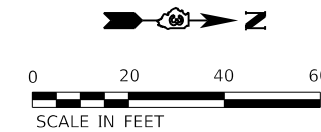
ILLINOIS FED. AID PROJECT

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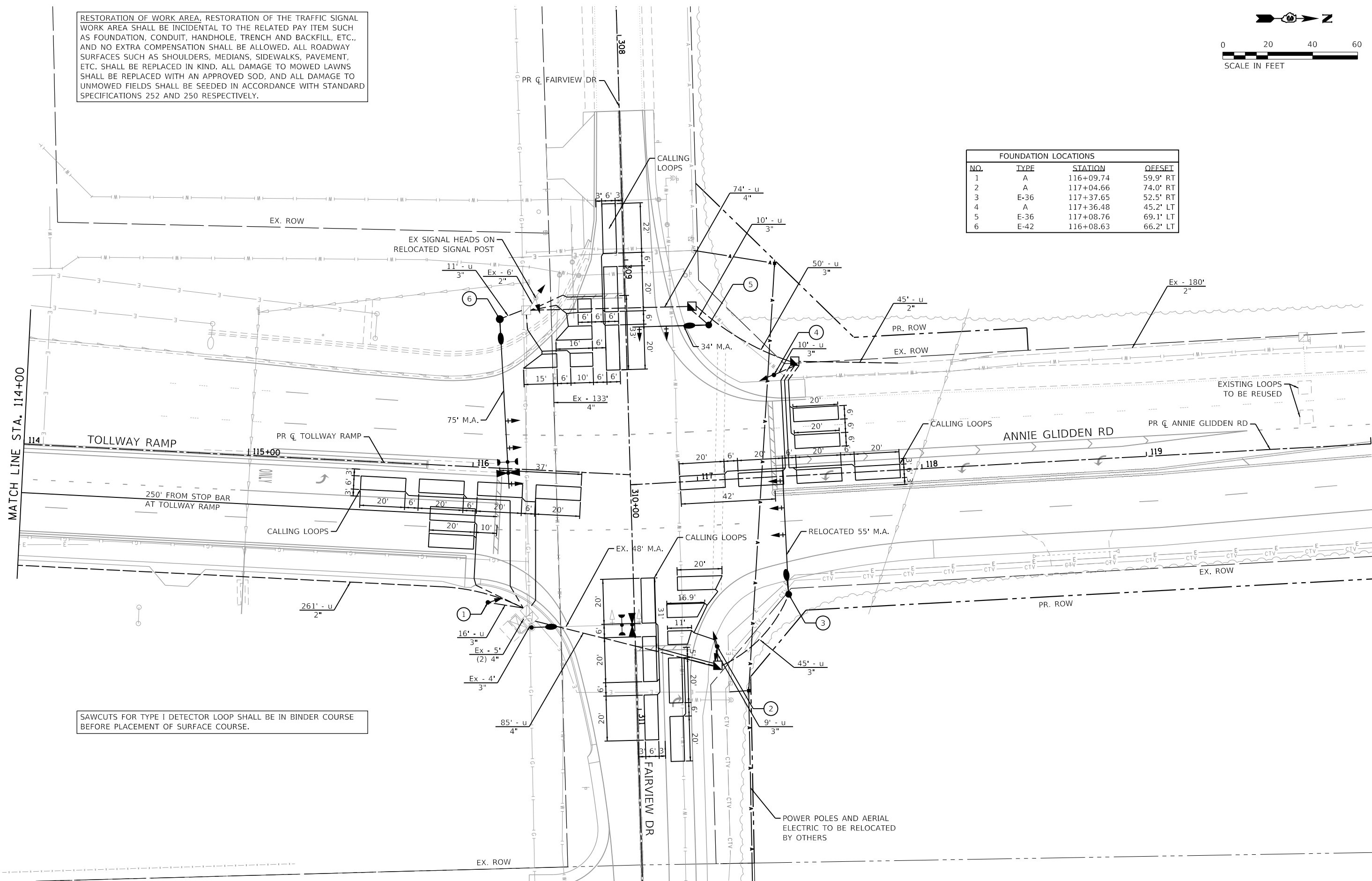
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RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



FOUNDATION LOCATIONS			
NO.	TYPE	STATION	OFFSET
1	A	116+09.74	59.9' RT
2	A	117+04.66	74.0' RT
3	E-36	117+37.65	52.5' RT
4	A	117+36.48	45.2' LT
5	E-36	117+08.76	69.1' LT
6	E-42	116+08.63	66.2' LT



SAWCUTS FOR TYPE I DETECTOR LOOP SHALL BE IN BINDER COURSE BEFORE PLACEMENT OF SURFACE COURSE.



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
 INSTALLATION PLAN

SCALE: 1"=20' SHEET 5 OF 13 SHEETS STA. 114+00 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	56
			CONTRACT NO. 87664	
ILLINOIS FED. AID PROJECT				

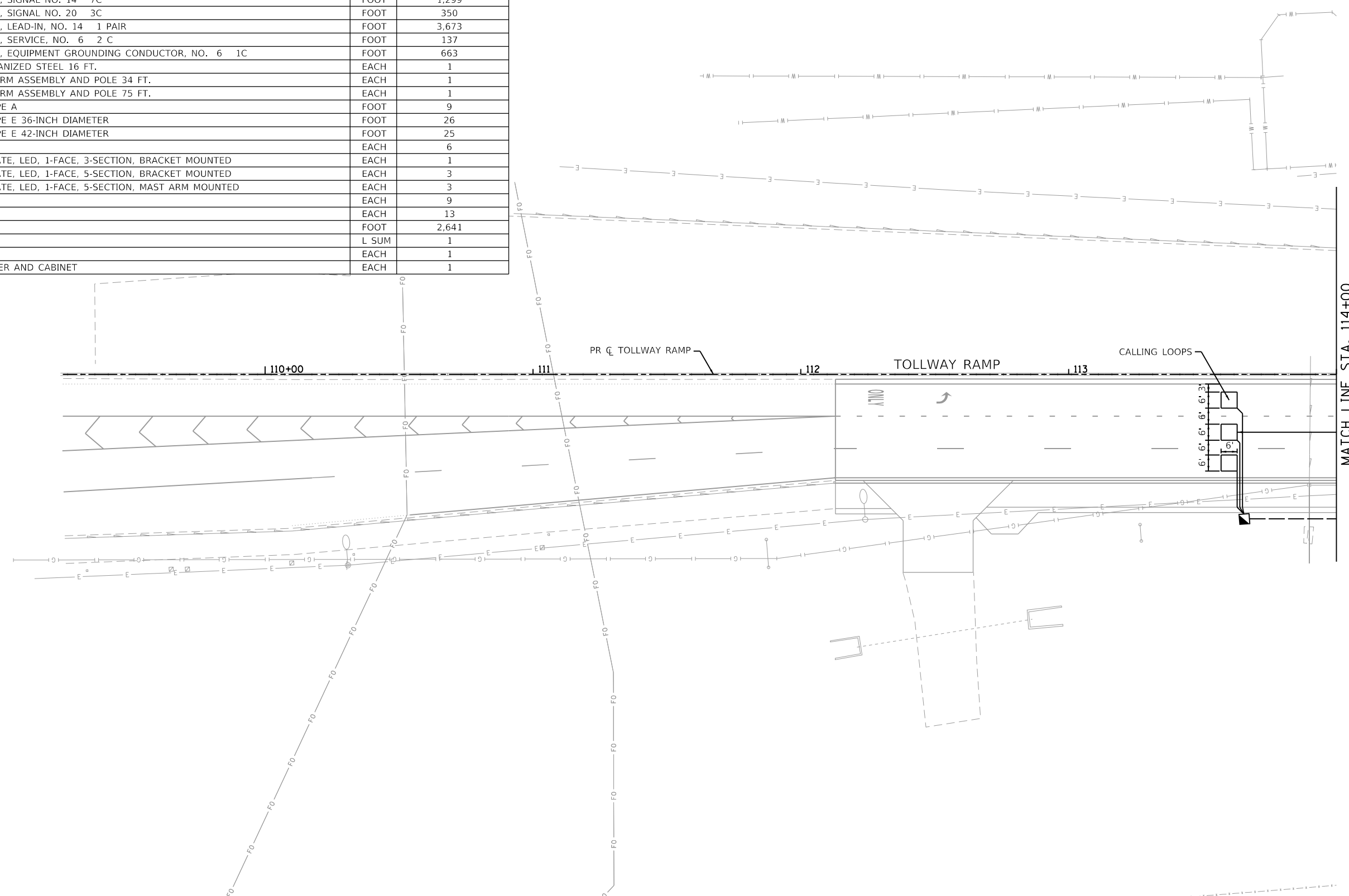
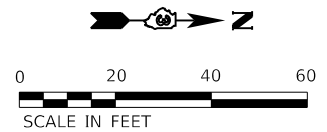


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PENTABLE = Gdenn\_rnaisignals.ctb

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DIRECTORY = L:\WBK\17201-01\_C\HeldrPH2\Draw\CADD\_Sheets\

SP	CODE NUMBER	DESCRIPTION	UNIT	QUANTITY
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	306
	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	151
	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	159
	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	350
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,907
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,299
	87301295	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	350
	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,673
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	137
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	663
	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
	87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
	87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH	1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25
	87900200	DRILL EXISTING HANDHOLE	EACH	6
	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	9
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	13
	88600100	DETECTOR LOOP, TYPE I	FOOT	2,641
*	X0325839	SIGNAL TIMING	L SUM	1
*	X8860100	LOOP DETECTOR TESTING	EACH	1
*	X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
INSTALLATION PLAN

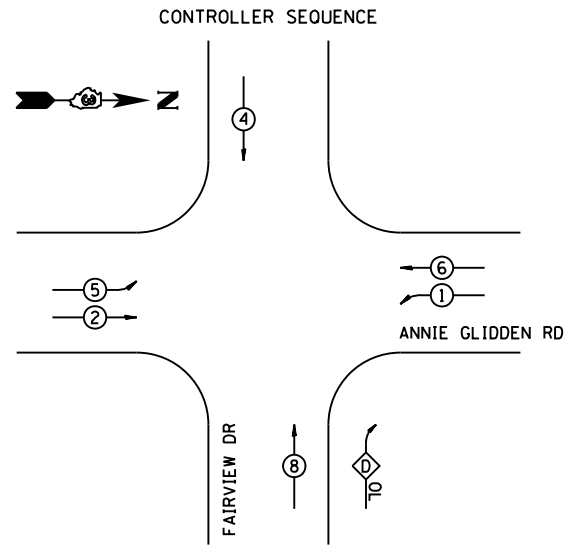
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	57
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

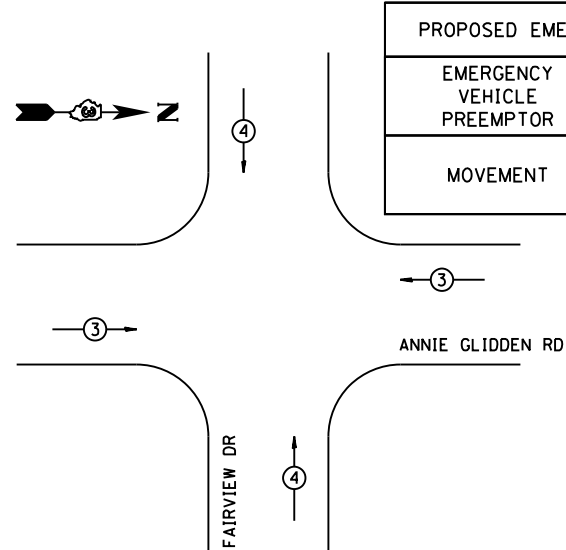
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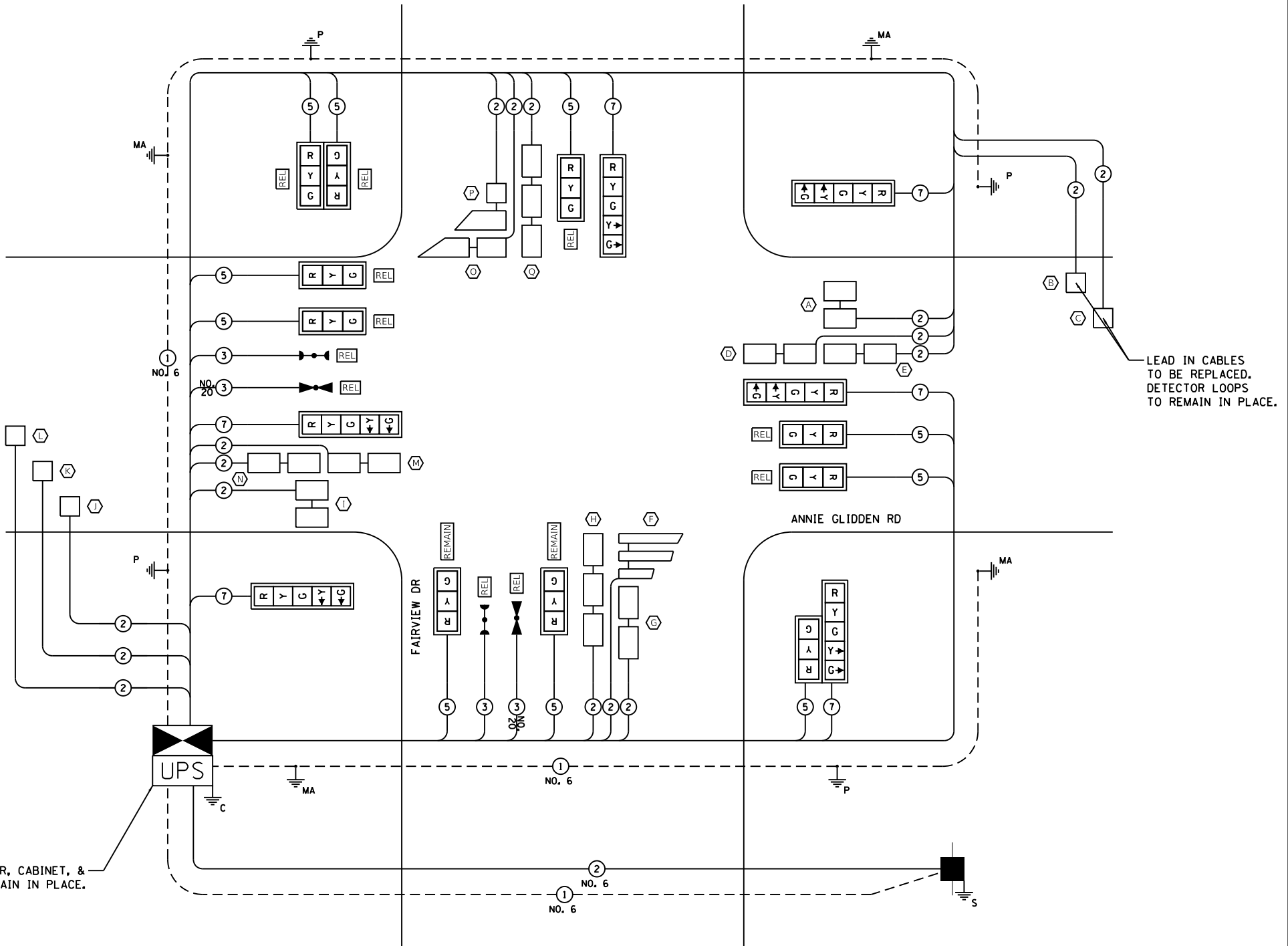
PHASE DESIGNATION DIAGRAM



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

**LEGEND:**  
 ○ DUAL ENTRY PHASE  
 ◇ OL OVERLAP  
 • NUMBER REFERS TO ASSOCIATED PHASE

OVERLAP  
D = 1



LEAD IN CABLES TO BE REPLACED. DETECTOR LOOPS TO REMAIN IN PLACE.

EX CONTROLLER, CABINET, & UPS TO REMAIN IN PLACE.

CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND)	LED	% OPERATION	
SIGNAL (RED)	17		17	0.50	144.5
(YELLOW)	17		25	0.25	106.25
(GREEN)	17		15	0.25	63.75
ARROW	14		12	0.10	16.8
CONTROLLER	1		100	1.00	100.0
LUMINAIRE	4		400	0.05	80.0
TOTAL =					511.3

ENERGY COST TO: CITY OF DEKALB  
223 S. FOURTH ST.  
DEKALB, IL 60115

ENERGY SUPPLY: CONTACT: xx  
PHONE: xx  
COMPANY: xx



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

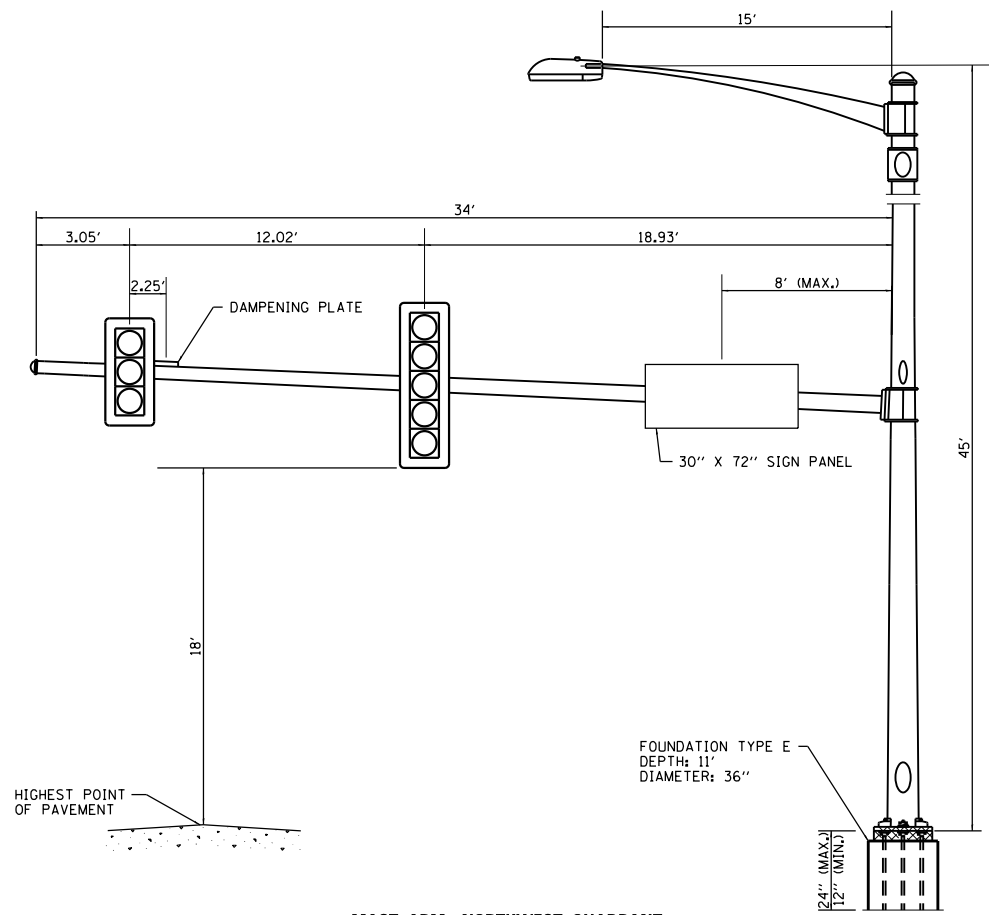
TRAFFIC SIGNAL PLAN  
CABLE PLAN

SCALE: SHEET 7 OF 13 SHEETS STA. TO STA.

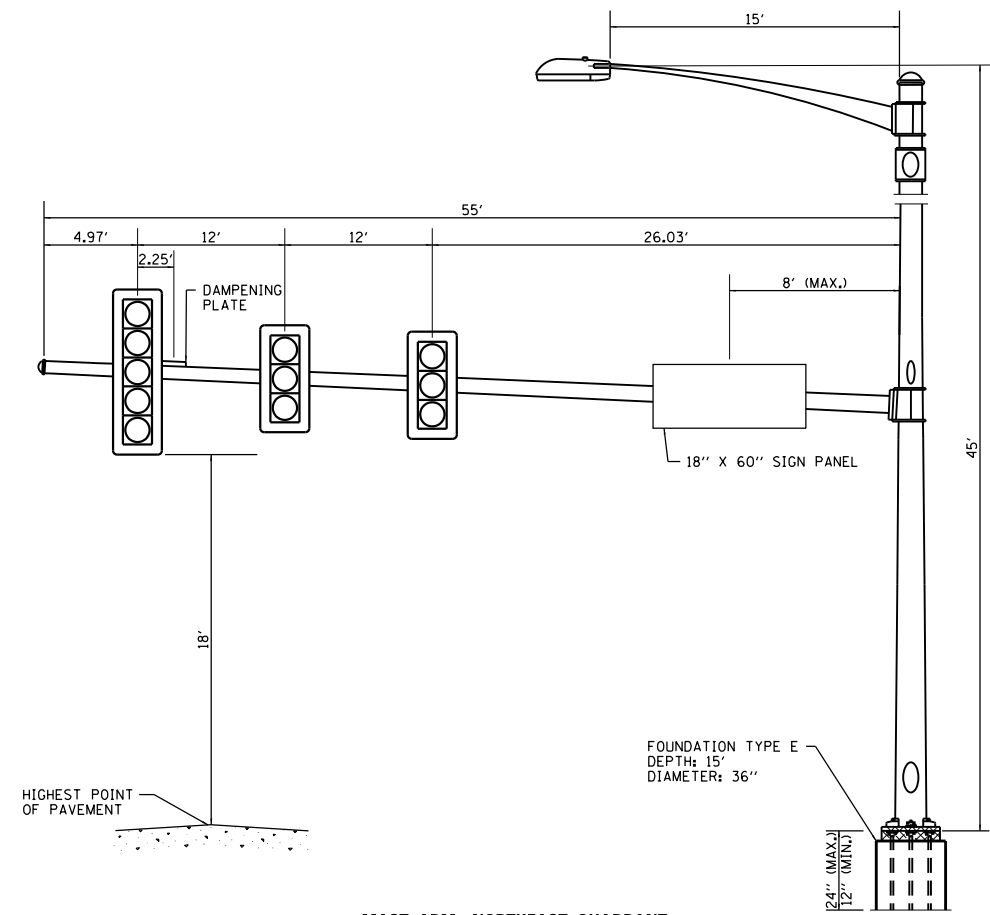
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5348	16-00189-00-WR	DEKALB	103	58

CONTRACT NO. 87664

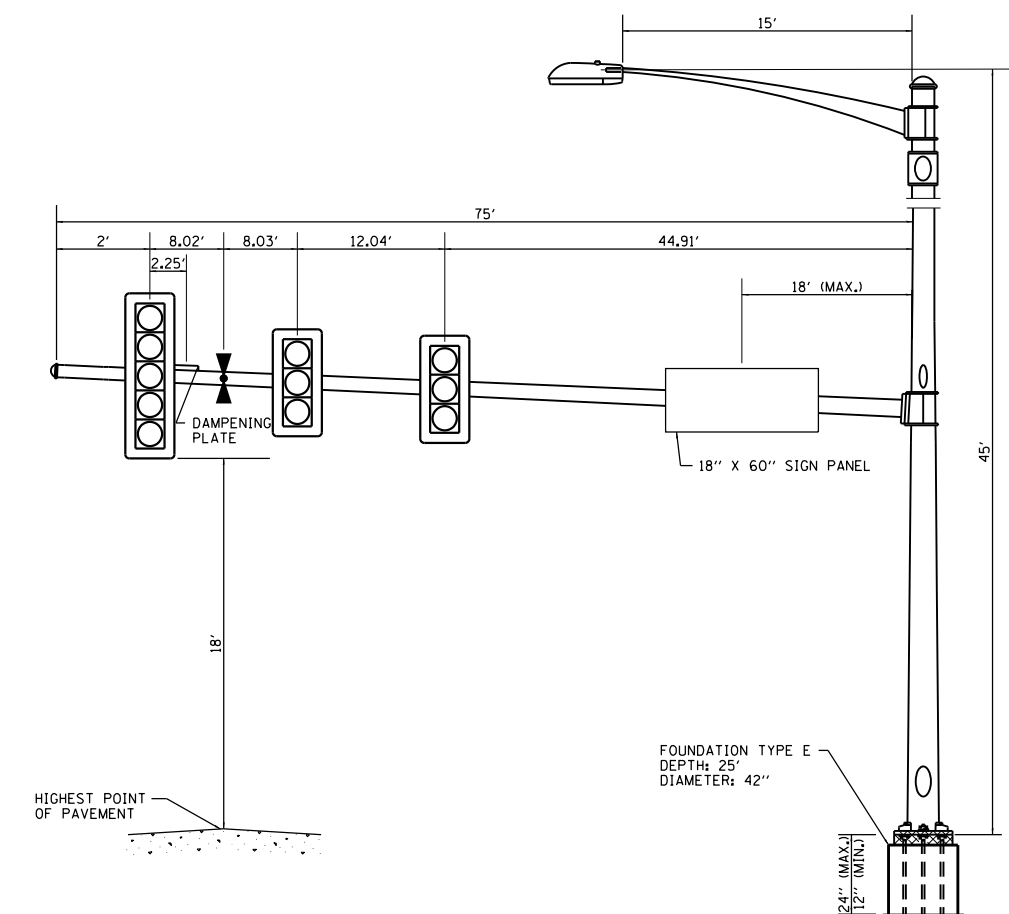
ILLINOIS FED. AID PROJECT



MAST ARM NORTHWEST QUADRANT

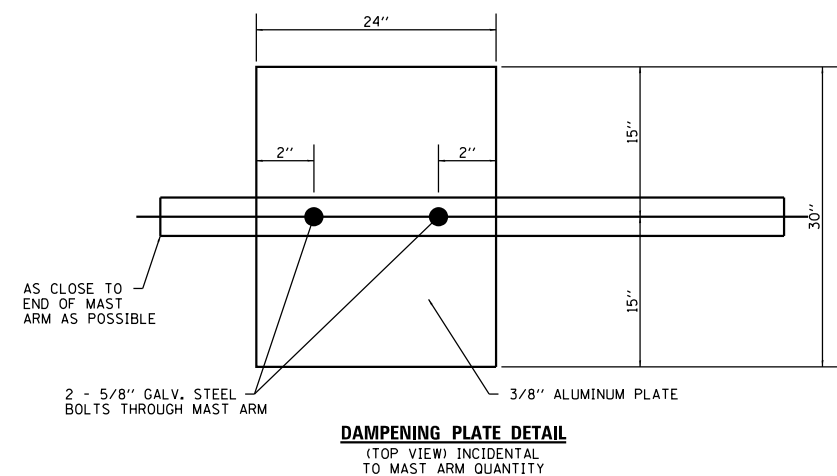


MAST ARM NORTHEAST QUADRANT



MAST ARM SOUTHWEST QUADRANT

NOTE:  
DAMPENING DEVICE SHALL CONSIST OF A 24" X 30" TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.



DETECTOR LOOP SYSTEM	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	4	576	25,413	OFF
B	6	357	32,280	ON
C	6	357	32,280	ON
D	4	576	25,413	ON
E	4	576	25,413	ON
F	4	330	33,575	ON
	4	330	33,575	
	5	485	27,695	
G	4	540	26,247	ON
H	4	800	21,564	ON
I	4	522	26,695	OFF
J	5	239	39,452	ON
K	5	239	39,452	ON
L	5	239	39,452	ON
M	4	522	26,695	ON
N	4	522	26,695	ON
O	5	495	27,414	ON
	5	270	37,118	
P	4	340	33,077	ON
	5	210	42,088	
Q	4	810	21,430	ON



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN - MAST ARM LOADING DIAGRAM  
& DETECTOR LOOP INDUCTANCE CHART

SCALE: SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	59
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

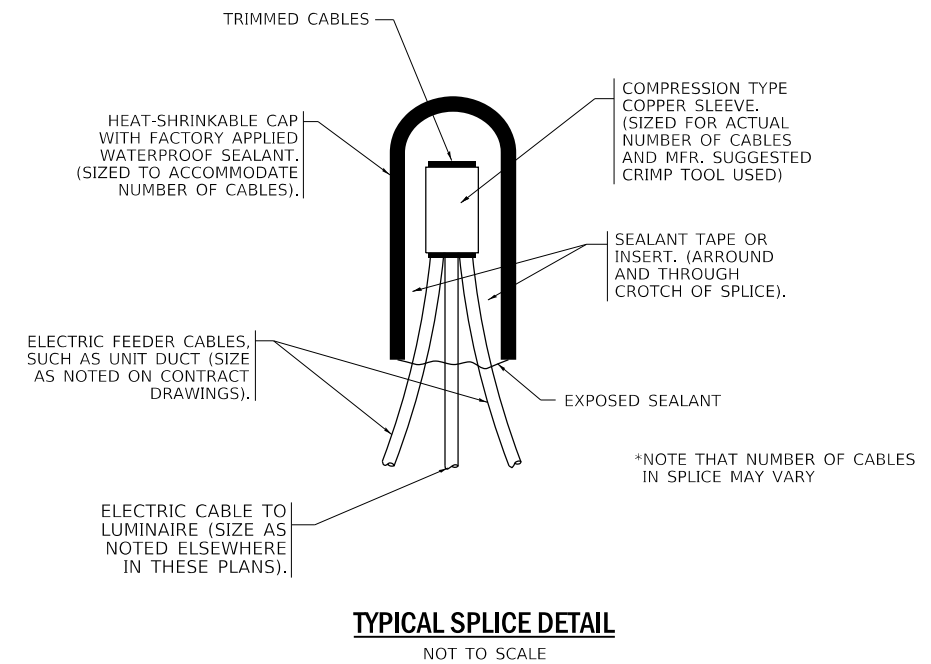
### GENERAL NOTES

- PRIOR TO THE INSTALLATION OF THE NEW CABLES, UNDERGROUND CONDUITS, CONCRETE ENCASED CONDUITS, UNIT DUCTS, HANDHOLES, JUNCTION BOXES, LIGHT POLE FOUNDATIONS, CONTROLLER FOUNDATIONS, AND APPURTENANCES. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING CONDUITS, CABLES, AND UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. TO AID IN THIS TASK.
- THE CONTRACTOR SHALL VERIFY ALL OF THE DATA SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS, WHICH WOULD AFFECT THEIR WORK UNDER THIS CONTRACT.
- ALL NEW CABLES, CONDUITS, HANDHOLES, JUNCTION BOXES, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. PROPOSED ROUTING OF THE UNDERGROUND CONDUITS, AS SHOWN IN THE PLANS, IS FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE ACTUAL ROUTING LOCATION IN THE FIELD WITH THE APPROVAL OF THE ENGINEER.
- ALL SPLICES SHALL BE HEAT SHRINK AND WATERPROOF AND INSTALLED INSIDE LIGHT POLE BASES OR JUNCTION BOXES. NO DIRECT BURIED SPLICES SHALL BE ALLOWED.
- LUMINAIRES MUST BE INSTALLED ON LIGHT STANDARDS WITHIN A MAXIMUM OF 48 HOURS AFTER LIGHT STANDARD IS ERECTED.
- THE ELECTRICAL MATERIAL SHALL BE NEW AND OF THE TYPE AND KINDS APPROVED BY THE FOLLOWING ORGANIZATIONS:
  - NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION
  - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
  - ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
  - AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
  - U.S. DEPARTMENT OF TRANSPORTATION
  - UNDERWRITERS LABORATORIES
  - AMERICAN STANDARD INSTITUTE
  - INSULATED POWER CABLE ENGINEERS ASSOCIATION
- UNDERGROUND CONDUITS AND CABLE DUCTS SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICTS WITH UNDERDRAINS AND OTHER UTILITIES.
- WHERE MULTIPLE CABLE DUCTS OR UNDERGROUND CONDUITS ADJACENT TO EACH OTHER ARE INSTALLED IN A COMMON TRENCH, TRENCH AND BACKFILL SHALL BE CONTINUOUS BETWEEN EACH CABLE DUCT OR UNDERGROUND CONDUIT FOR THE LENGTH OF THE COMMON TRENCH.
- ANY UTILITY POLES NEEDED FOR NEW ELECTRIC SERVICE SHALL BE INSTALLED BY THE ELECTRIC UTILITY COMPANY. CONTRACTOR SHALL INSTALL UNDERGROUND CONDUITS, GROUNDING, DISCONNECT SWITCH, AND ANY SECONDARY CONDUCTORS TO THE UTILITY POLE. COORDINATE ALL WORK WITH THE ELECTRIC UTILITY COMPANY REFER TO COMBINATION LIGHTING CONTROLLER DETAILS.
- THE CONTRACTOR SHALL PREPARE A SCHEDULE WHEN THE PROJECT COMMENCES, WHICH ESTABLISHES THE DATE WHEN ELECTRICAL SERVICES ARE REQUIRED. THIS SCHEDULE SHALL BE FORWARDED IN WRITING TO THE ELECTRIC UTILITY COMPANY. SUBSEQUENT UPDATING TO THE SCHEDULE SHALL ALSO BE FORWARDED TO THE ELECTRIC UTILITY COMPANY AS CHANGES OCCUR A MINIMUM OF FIVE (5) DAYS BEFORE ELECTRICAL SERVICES ARE REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ELECTRIC UTILITY COMPANY BY PHONE AND IN WRITING TO CONFIRM THE REQUIREMENT.
- ANY SPLICES NECESSARY FOR A COMPLETE AND OPERATIONAL LIGHTING CIRCUIT SHALL BE INCLUDED IN THE COST OF THE PAY ITEM "ELECTRIC CABLE IN CONDUIT", OF THE TYPE SPECIFIED ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- CONTRACTOR SHALL TAKE OVER EXISTING ROADWAY LIGHTING CONTROLLER ALONG DEERPATH ROAD AT STATION 105+80 LT. COST SHALL BE PAID UNDER PAY ITEM X0326784 - MAINTAIN EXISTING LIGHTING CONTROLLER.
- RELOCATED LIGHT POLES WHEN RE-INSTALLED SHALL HAVE A SET BACK OF THREE (3) FEET MINIMUM, FROM THE FACE OF CURB TO THE CENTER OF THE LIGHT POLE FOUNDATION.
- TEMPORARY LIGHTING TO BE INSTALLED SHALL USE A 60-FOOT (CLASS 4) WOOD POLE, WITH A 15-FOOT MAST ARM PLACEMENT TO MEET A MOUNTING HEIGHT OF FIFTY (50) FEET, FROM THE BOTTOM OF THE LUMINAIRE TO THE TOP OF THE ROADWAY PAVEMENT.
- THE ELECTRIC UTILITY COMPANY FOR ELECTRIC SERVICE COORDINATION IS THE CITY OF BATAVIA.

### SUMMARY OF QUANTITIES

ITEM NUMBER	SP	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
1		81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	355
2		81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,305
3		84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2
4		89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	282
5	*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	4
6	*	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

\* INDICATES SPECIAL PROVISION



**TYPICAL SPLICE DETAIL**

NOT TO SCALE



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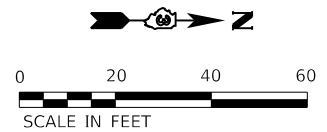
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
LIGHTING GENERAL NOTES, SOQ AND DETAILS

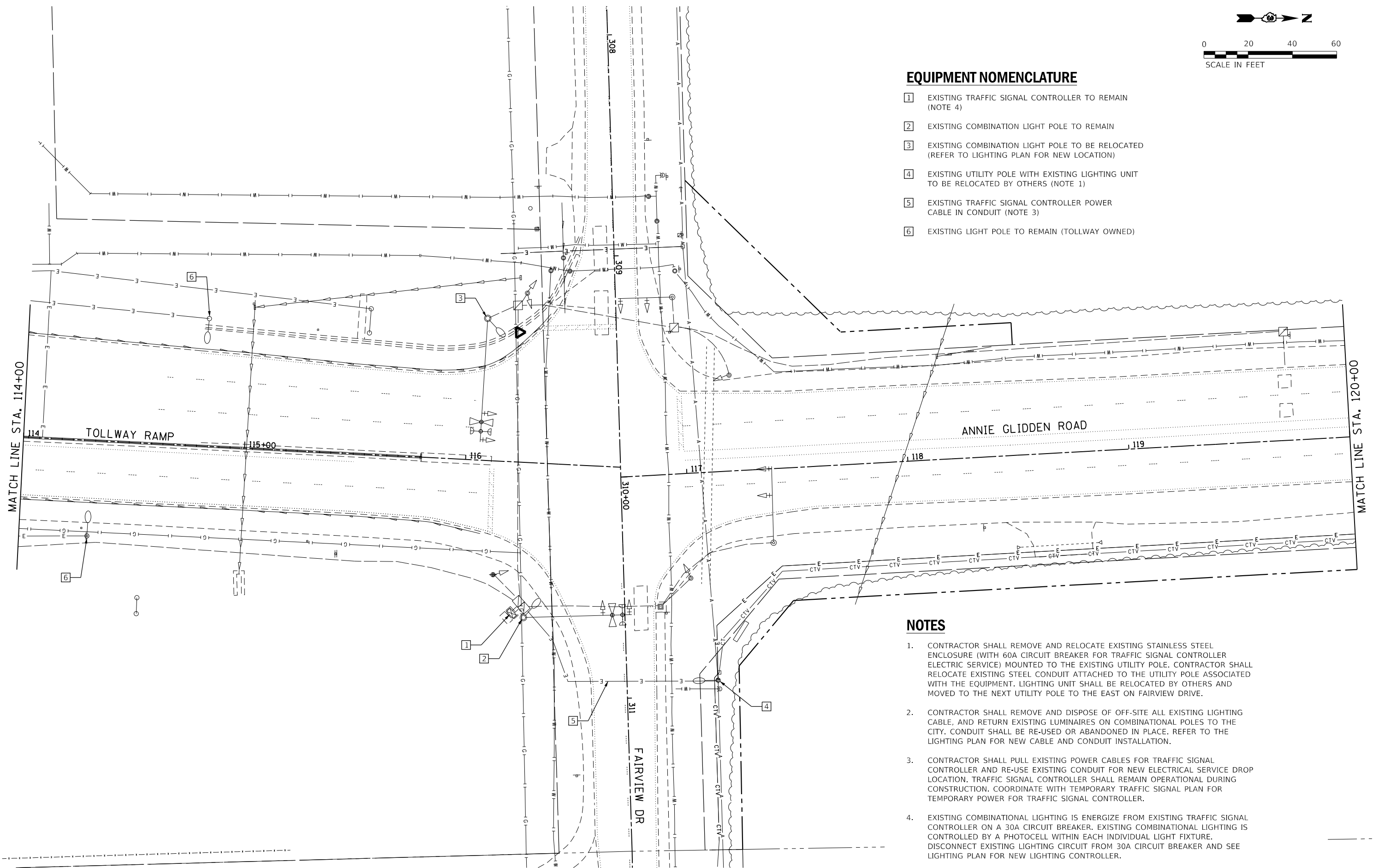
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	60
			CONTRACT NO. 87664	
ILLINOIS FED. AID PROJECT				



### EQUIPMENT NOMENCLATURE

- 1 EXISTING TRAFFIC SIGNAL CONTROLLER TO REMAIN (NOTE 4)
- 2 EXISTING COMBINATION LIGHT POLE TO REMAIN
- 3 EXISTING COMBINATION LIGHT POLE TO BE RELOCATED (REFER TO LIGHTING PLAN FOR NEW LOCATION)
- 4 EXISTING UTILITY POLE WITH EXISTING LIGHTING UNIT TO BE RELOCATED BY OTHERS (NOTE 1)
- 5 EXISTING TRAFFIC SIGNAL CONTROLLER POWER CABLE IN CONDUIT (NOTE 3)
- 6 EXISTING LIGHT POLE TO REMAIN (TOLLWAY OWNED)



### NOTES

1. CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING STAINLESS STEEL ENCLOSURE (WITH 60A CIRCUIT BREAKER FOR TRAFFIC SIGNAL CONTROLLER ELECTRIC SERVICE) MOUNTED TO THE EXISTING UTILITY POLE. CONTRACTOR SHALL RELOCATE EXISTING STEEL CONDUIT ATTACHED TO THE UTILITY POLE ASSOCIATED WITH THE EQUIPMENT. LIGHTING UNIT SHALL BE RELOCATED BY OTHERS AND MOVED TO THE NEXT UTILITY POLE TO THE EAST ON FAIRVIEW DRIVE.
2. CONTRACTOR SHALL REMOVE AND DISPOSE OF OFF-SITE ALL EXISTING LIGHTING CABLE, AND RETURN EXISTING LUMINAIRES ON COMBINATIONAL POLES TO THE CITY. CONDUIT SHALL BE RE-USED OR ABANDONED IN PLACE. REFER TO THE LIGHTING PLAN FOR NEW CABLE AND CONDUIT INSTALLATION.
3. CONTRACTOR SHALL PULL EXISTING POWER CABLES FOR TRAFFIC SIGNAL CONTROLLER AND RE-USE EXISTING CONDUIT FOR NEW ELECTRICAL SERVICE DROP LOCATION. TRAFFIC SIGNAL CONTROLLER SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. COORDINATE WITH TEMPORARY TRAFFIC SIGNAL PLAN FOR TEMPORARY POWER FOR TRAFFIC SIGNAL CONTROLLER.
4. EXISTING COMBINATIONAL LIGHTING IS ENERGIZE FROM EXISTING TRAFFIC SIGNAL CONTROLLER ON A 30A CIRCUIT BREAKER. EXISTING COMBINATIONAL LIGHTING IS CONTROLLED BY A PHOTOCELL WITHIN EACH INDIVIDUAL LIGHT FIXTURE. DISCONNECT EXISTING LIGHTING CIRCUIT FROM 30A CIRCUIT BREAKER AND SEE LIGHTING PLAN FOR NEW LIGHTING CONTROLLER.



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
 LIGHTING REMOVAL PLAN

SCALE: 1"=20'

SHEET 10 OF 13 SHEETS STA. 114+00 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	61
			CONTRACT NO. 87664	

ILLINOIS FED. AID PROJECT

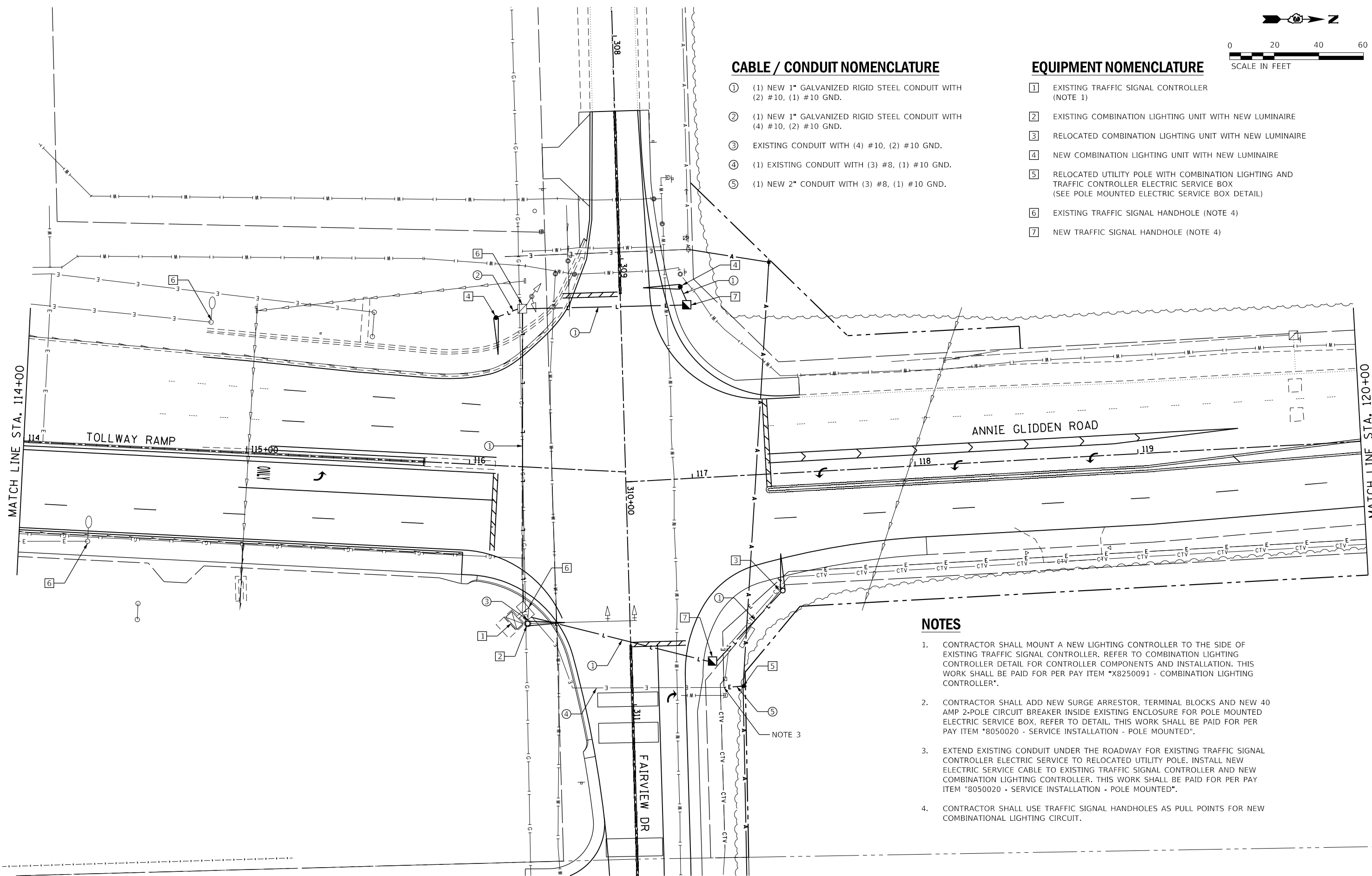


### CABLE / CONDUIT NOMENCLATURE

- ① (1) NEW 1" GALVANIZED RIGID STEEL CONDUIT WITH (2) #10, (1) #10 GND.
- ② (1) NEW 1" GALVANIZED RIGID STEEL CONDUIT WITH (4) #10, (2) #10 GND.
- ③ EXISTING CONDUIT WITH (4) #10, (2) #10 GND.
- ④ (1) EXISTING CONDUIT WITH (3) #8, (1) #10 GND.
- ⑤ (1) NEW 2" CONDUIT WITH (3) #8, (1) #10 GND.

### EQUIPMENT NOMENCLATURE

- ① EXISTING TRAFFIC SIGNAL CONTROLLER (NOTE 1)
- ② EXISTING COMBINATION LIGHTING UNIT WITH NEW LUMINAIRE
- ③ RELOCATED COMBINATION LIGHTING UNIT WITH NEW LUMINAIRE
- ④ NEW COMBINATION LIGHTING UNIT WITH NEW LUMINAIRE
- ⑤ RELOCATED UTILITY POLE WITH COMBINATION LIGHTING AND TRAFFIC CONTROLLER ELECTRIC SERVICE BOX (SEE POLE MOUNTED ELECTRIC SERVICE BOX DETAIL)
- ⑥ EXISTING TRAFFIC SIGNAL HANDHOLE (NOTE 4)
- ⑦ NEW TRAFFIC SIGNAL HANDHOLE (NOTE 4)



### NOTES

1. CONTRACTOR SHALL MOUNT A NEW LIGHTING CONTROLLER TO THE SIDE OF EXISTING TRAFFIC SIGNAL CONTROLLER. REFER TO COMBINATION LIGHTING CONTROLLER DETAIL FOR CONTROLLER COMPONENTS AND INSTALLATION. THIS WORK SHALL BE PAID FOR PER PAY ITEM "X8250091 - COMBINATION LIGHTING CONTROLLER".
2. CONTRACTOR SHALL ADD NEW SURGE ARRESTOR, TERMINAL BLOCKS AND NEW 40 AMP 2-POLE CIRCUIT BREAKER INSIDE EXISTING ENCLOSURE FOR POLE MOUNTED ELECTRIC SERVICE BOX, REFER TO DETAIL. THIS WORK SHALL BE PAID FOR PER PAY ITEM "8050020 - SERVICE INSTALLATION - POLE MOUNTED".
3. EXTEND EXISTING CONDUIT UNDER THE ROADWAY FOR EXISTING TRAFFIC SIGNAL CONTROLLER ELECTRIC SERVICE TO RELOCATED UTILITY POLE. INSTALL NEW ELECTRIC SERVICE CABLE TO EXISTING TRAFFIC SIGNAL CONTROLLER AND NEW COMBINATION LIGHTING CONTROLLER. THIS WORK SHALL BE PAID FOR PER PAY ITEM "8050020 - SERVICE INSTALLATION - POLE MOUNTED".
4. CONTRACTOR SHALL USE TRAFFIC SIGNAL HANDHOLES AS PULL POINTS FOR NEW COMBINATIONAL LIGHTING CIRCUIT.



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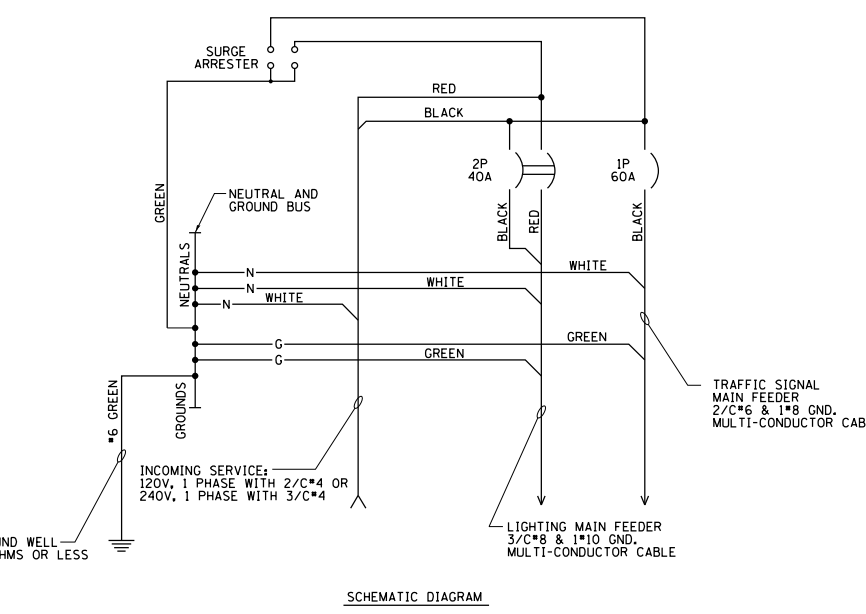
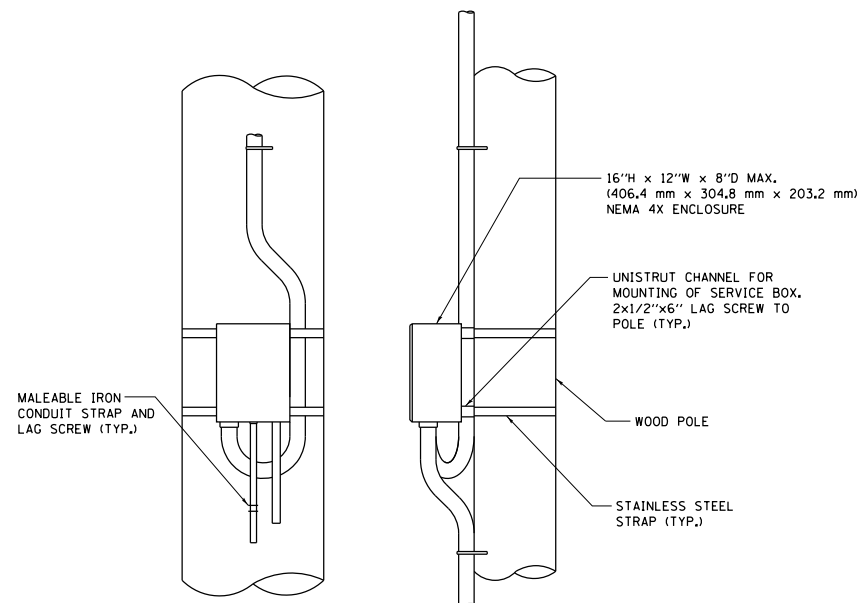
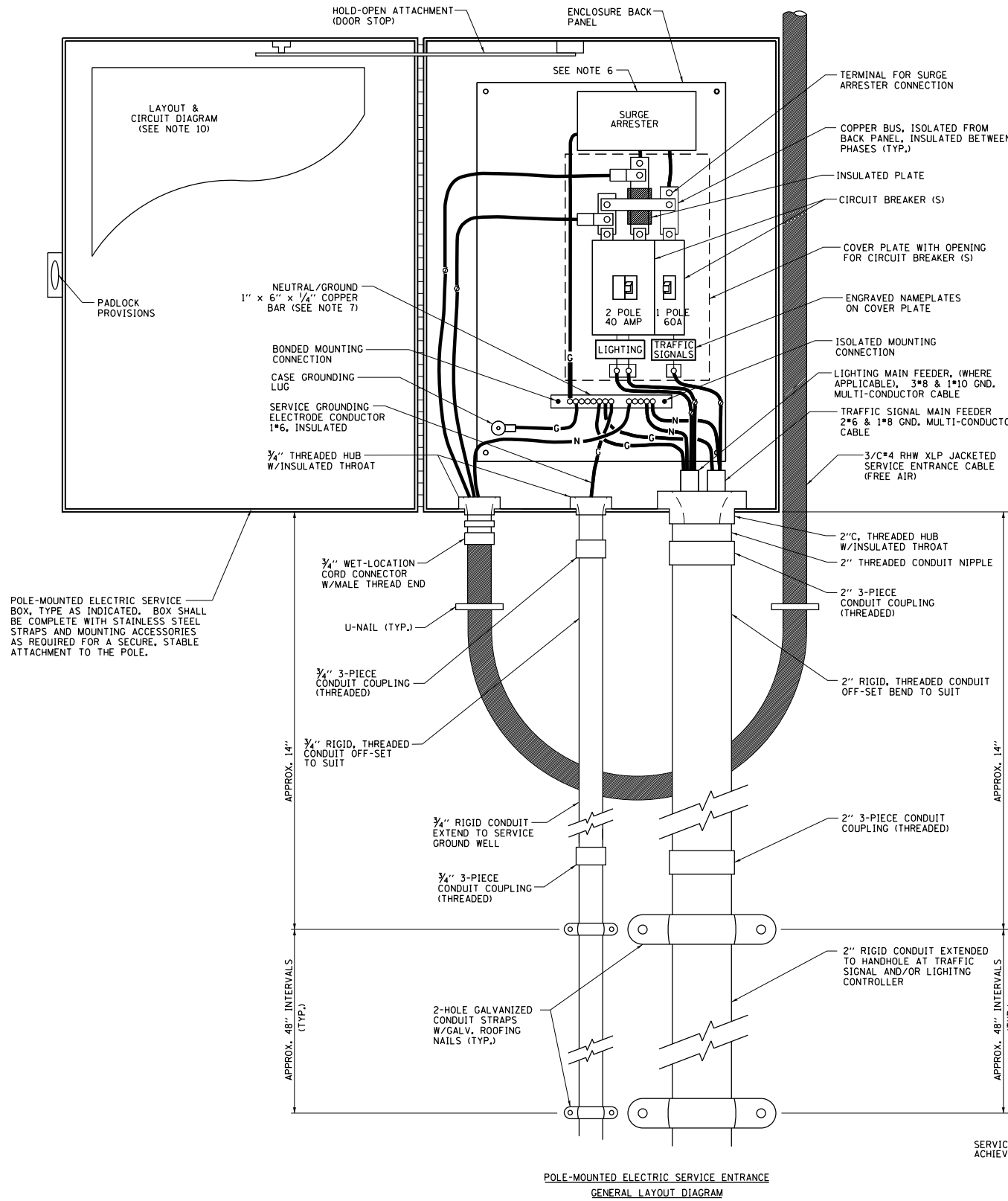
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN  
 LIGHTING PLAN

SCALE: 1"=20' SHEET 11 OF 13 SHEETS STA. 114+00 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	62
			CONTRACT NO. 87664	

ILLINOIS FED. AID PROJECT



- NOTES:**
- ELECTRIC SERVICE SHALL BE OF THE VOLTAGE INDICATED OR DESIGNATED BY THE ENGINEER, AND SERVICE DROP CABLE SHALL BE COMPATIBLE WITH THE SERVICE ACCORDINGLY. SOME INSTALLATIONS MAY CALL FOR SERVICE ENTRANCE EQUIPMENT SUITABLE FOR 3-WIRE SERVICE EVEN THOUGH INITIALLY WIRED FOR 2-WIRE SERVICE.
  - THE POLE-MOUNTED ELECTRIC SERVICE BOX DETAIL DEPICTS THE BASIC CONSTRUCTION OF THE EQUIPMENT. SLIGHT MODIFICATIONS APPLY FOR DIFFERING SERVICES AND APPLICATIONS AS FOLLOWS:
    - TYPE A FULLY EQUIPPED FOR 240/120V. 3W SERVICE, COMPLETE WITH LIGHTING MAIN BREAKER
    - TYPE A1 FULLY EQUIPPED FOR 240/120V. 3W SERVICE, BLANK COVER IN LIEU OF LIGHTING MAIN BREAKER
    - TYPE B EQUIPPED FOR 120V. SERVICE, COMPLETE WITH 1P, 60A. TRAFFIC SIGNALS MAIN BREAKER
    - TYPE B1 EQUIPPED FOR 120V. SERVICE, COMPLETE WITH 1P, 40A. TRAFFIC SURVEILLANCE MAIN BREAKER
  - THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LISTED AS SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT.
  - THE ELECTRIC SERVICE EQUIPMENT ENCLOSURE SHALL BE NEMA 4X STAINLESS STEEL, NOMINALLY 12"W X 16"H X 8"D, WITH A PIANO-HINGED DOOR, STEEL BACK PANEL, FAST-ACTING STAINLESS STEEL ENCLOSURE CLAMPS, PADLOCK PROVISIONS AND DOOR STOP, HOFFMAN CATALOG NO. A-16H120856LP/A-16 P12/A-DSTOPK/C-PMK12, OR APPROVED EQUAL.
  - CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 25,000 SYMMETRICAL AMPERES AT 240 VOLTS. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
  - THE SURGE PROTECTOR SHALL BE SUITABLE FOR 240/120 VOLT SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE ENERGY CAPABILITY OF 2160 JOULES OR BETTER AT 8/20 MICRO-SECONDS, RATED -40 TO 60 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449, CUTLER-HAMMER CMOV230L065XST OR APPROVED EQUAL.
  - BUS BARS, CONNECTORS, AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED, AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS, OR THE ASSEMBLY SHALL BE A MANUFACTURED SPECIALTY PANELBOARD, CUTLER-HAMMER PRL2A OR APPROVED EQUAL.
  - THE COMBINATION GROUND AND NEUTRAL BAR SHALL BE CONFIGURED WITH SEPARATE GROUND AND NEUTRAL SECTIONS AND SPARE TERMINALS AS INDICATED. THE HEADS OF GROUND SCREWS SHALL BE PAINTED GREEN. THE HEADS OF NEUTRAL SCREWS SHALL BE PAINTED WHITE. THE SERVICE NEUTRAL AND SERVICE GROUNDING ELECTRODE CONDUCTOR SHALL BE TERMINATED ADJACENT TO EACH OTHER AT THE DIVIDE BETWEEN THE SECTIONS AND WIRING SHALL BE TERMINATED ONLY UPON THE APPROPRIATE SECTION.
  - THE WIRING TERMINALS, INCLUDING THE GROUND/NEUTRAL BAR SHALL BE ARRANGED TO PROVIDE ADEQUATE ROOM FOR PERFORMING FIELD TERMINATIONS.
  - A PLASTIC LAMINATED LAYOUT AND CIRCUIT DIAGRAM SHALL BE MECHANICALLY SECURED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
  - A 2-COLOR ENGRAVED PLASTIC NAMEPLATE, ATTACHED WITH SCREWS, AND ENGRAVED AS INDICATED, SHALL BE PROVIDED FOR EACH MAIN BREAKER.
  - LUGS AND CONNECTORS SHALL BE RATED FOR 75°C CONDUCTOR.
  - THE EXACT MOUNTING HEIGHT OF THE BOX SHALL BE FIELD DETERMINED TO AVOID OBSTRUCTIONS AND PUBLIC ACCESS. TYPICAL HEIGHT SHALL BE APPROXIMATELY 10 FEET ABOVE GRADE.



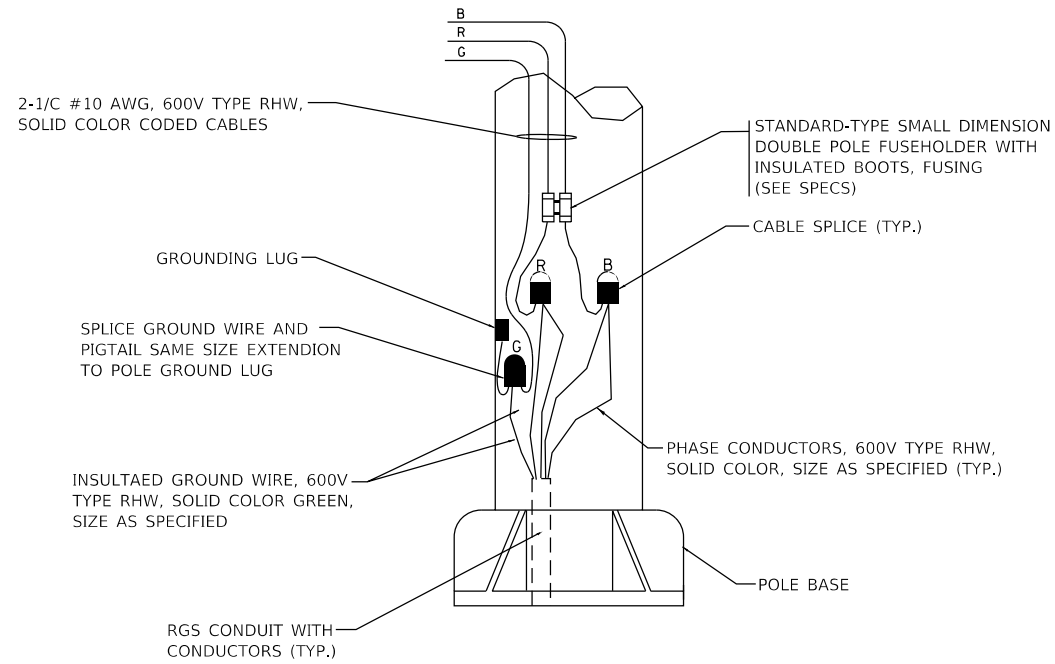
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

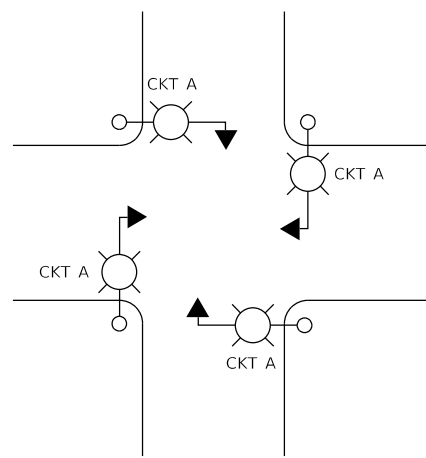
COMBINATION LIGHTING & TRAFFIC  
POLE MOUNTED ELECTRIC SERVICE BOX DETAIL

SCALE: SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 63
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	



**COMBINATION POLE WIRING DETAIL**  
NOT TO SCALE

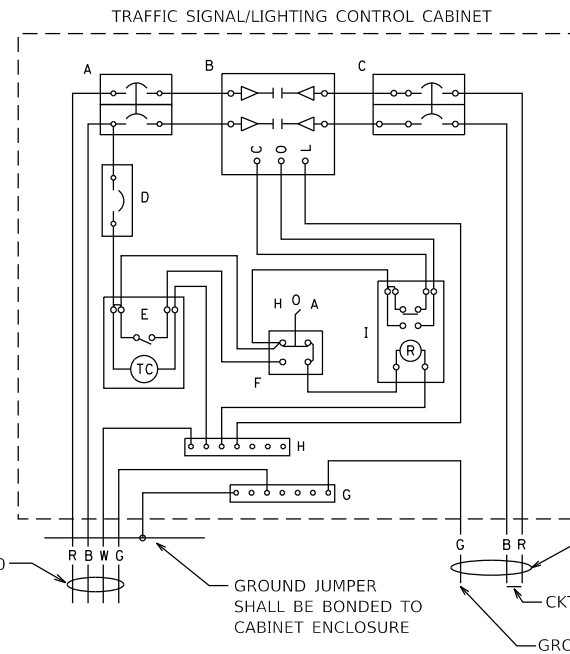


**TYPICAL LIGHTING LAYOUT**  
NOT TO SCALE

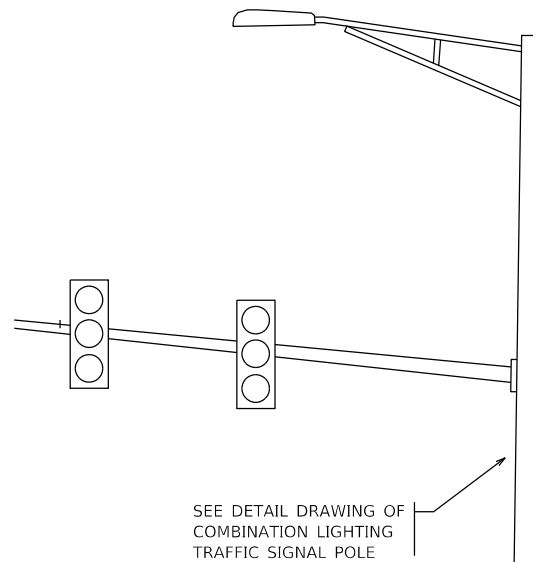
BILL OF MATERIALS		
ITEM	QUANTITY	DESCRIPTION
A	1	CIRCUIT BREAKER, THERMAL MAGNETIC MOLDED CASE, 2-POLE, 240 VOLT 100 AMP FRAME, 30 AMP TRIP, INTERRUPTING RATING 22K RMS SYMETRICAL AMP
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2-POLE, SINGLE THROW, 30 AMP., 600 VOLTS CONTROL CIRCUIT 120 VOLT.
C	1	CIRCUIT BREAKER, 2-POLE, 100 AMP. FRAME, 20 AMP. NON-INTERCHANGEABLE TRIP, INTERRUPTING RATING NEMA 10,000 AMP AT 240 VOLT.
D	1	CONTROL CIRCUIT BREAKER, 1-POLE, 100 AMP GRAME, 15 AMP NON-INTERCHANGEABLE TRIP, INTERRUPTING RATING 22K RMS SYMETRICAL AMP AT 240V.
E	1	ASTONOMIC MICROPOCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH]
F	1	H-O-A SWITCH
G	1	COPPER GROUND BUS 1/4" X 1" X 12" LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
H	1	COPPER NEUTRAL BUS 1/4" X 1" X 12" LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
I	1	RELAY, 2-POLE, SINGLE THROW, 120 VOLT COIL, CURRENT RATING TO BE COORDIATED WITH CONTACTOR.

**NOTES**

- ALL WIRING REALTED TO THE LIGHTING CONTROLS SHALL B E#10 AWG, 600V, TYPE TWITCH BOARD WIRE, STRANDED COPPER.
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CAINETES WITHIN THE ENCLOSURE.
- ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGES, AND SUPPORTED.
- ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY. UNDERGROUND PLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED.
- THE COMBINATION POLE LIGHTING CABLING DETAIL IS INTENDED TO SHOW CONNECTIONS ONLY. FOR FURTHER INFORMATION ON THE COMBINATION LIGHT POLE, THE TRAFFIC SIGNAL CONTROL CABINET, AND THE SERVICE DISCONNECT OR CABINET REFER TO THE RESPECTIVE DETAIL DRAWINGS.
- COMBINATION LIGHTING SHALL BE TIMED TO ENERGIZE 20 MINUTES PROIOR TO DUSK AND DE-ENERGIZE 20 MINUTES AFTER DAWN.
- COMBINATION LIGHTING CONTROLLER AND ALL COMINATION POLES SHALL HAVE IDOT DESIGNATIONS AND LAGELS. LIGHTING CONTROLLER DESINGATIONS SHALL BE COODINATED WITH THE BUREAU OF TRAFFIC - LIGHTING SECTION.
- ENCLOSURE SHALL BE UNPAINTED, NATURAL ALUMINUM FINISH, SHALL BE U.L. LISTED NEMA TYPE 3R AND SHALL BE 26" x 17" x 15".
- 12" x 16" STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.
- ELECTRIC SERVICE SHALL BE 120V/240V SERVICE AND SHALL BE SHARED SERVICE FROM COMBINATION LIGHTING AND TRAFFIC SIGNALS.
- CONDUIT SIZES TO THE SERVICE DISCONNECT SHALL BE COORDINATED WITH THE SERVICE DISCONNECT DETAILS. REFER TO THE "ELECTRICAL CONTROLLER DETAIL - 2" FOR THE SERVICE DISCONNECT.



**COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM**  
NOT TO SCALE



SEE DETAIL DRAWING OF COMBINATION LIGHTING TRAFFIC SIGNAL POLE

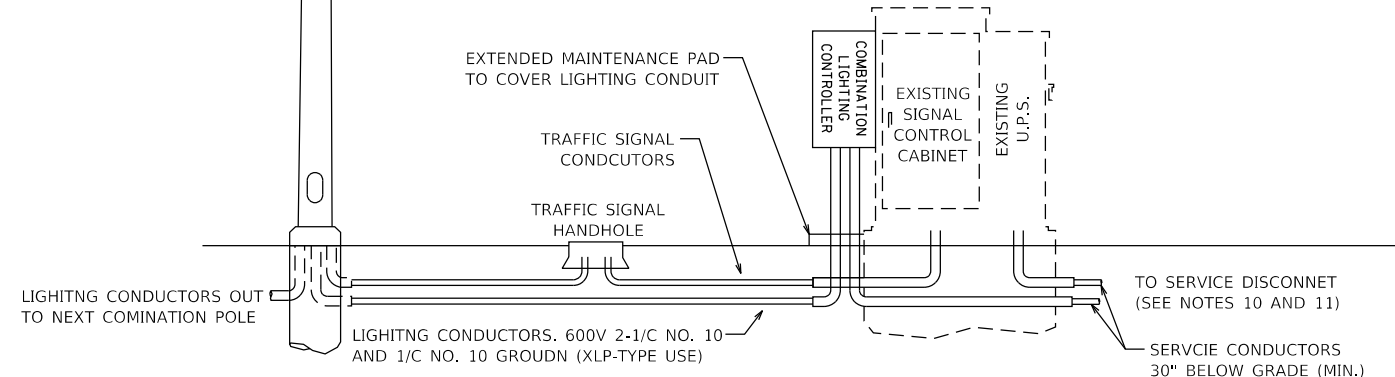
600V 3-1/C NO. 8 AND 1/C NO. 10 GROUND IN RGS CONDUIT FROM DISCONNECT CABINET. (SEE NOTES 10 AND 11)

GROUND JUMPER SHALL BE BONDED TO CABINET ENCLOSURE

600V 2-1/C NO. 10 AND 1/C NO. 10 GROUND, (XLP-TYPE USE). TO COMBINATION LIGHT POLES

GROUND

CKT A



**COMBINATION POLE LIGHTING CABLING - TYPICAL**  
NOT TO SCALE



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMBINATION LIGHTING CONTROLLER DETAIL

SCALE: SHEET 13 OF 13 SHEETS STA. TO STA.

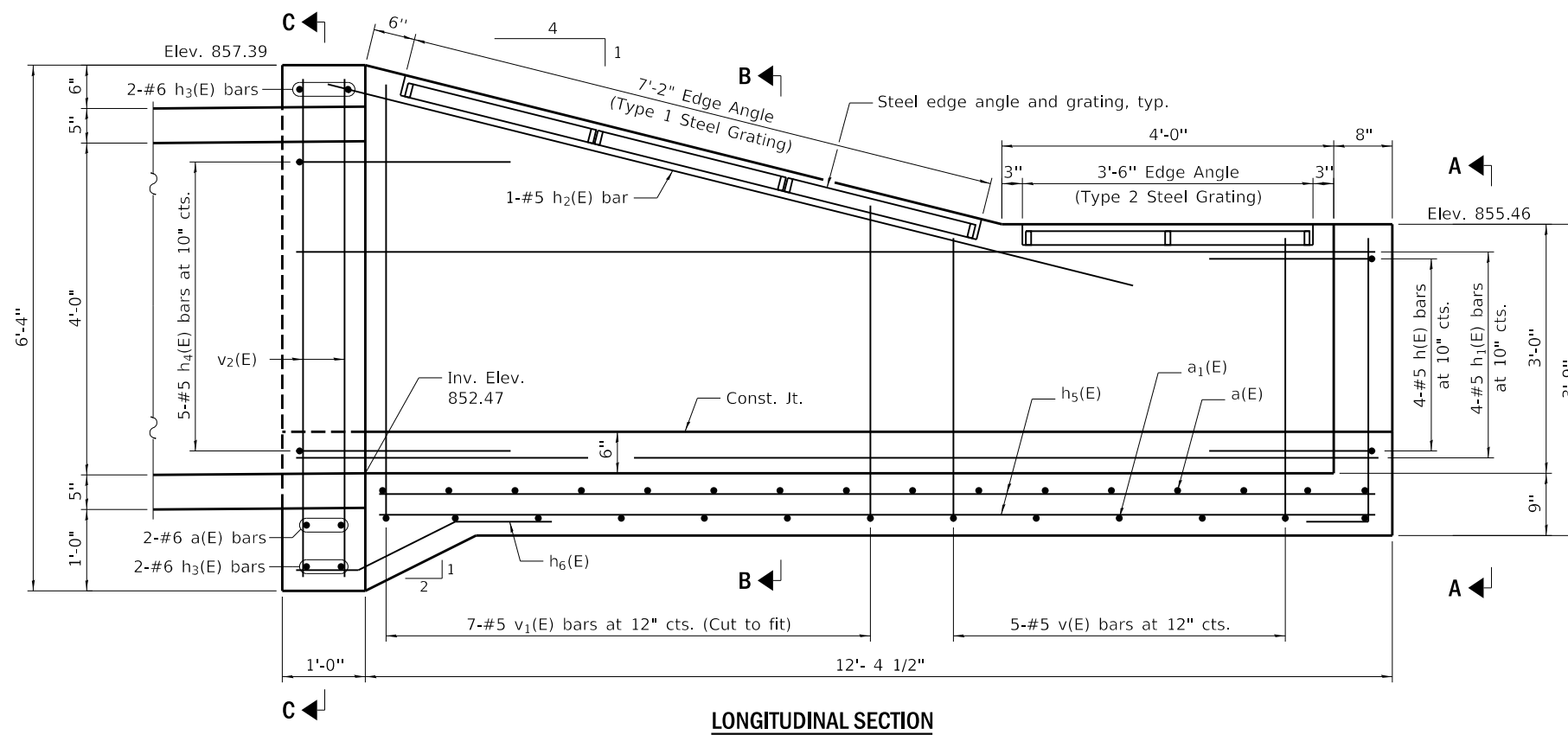
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5348	16-00189-00-WR	DEKALB	103	64
			CONTRACT NO. 87664	

ILLINOIS FED. AID PROJECT

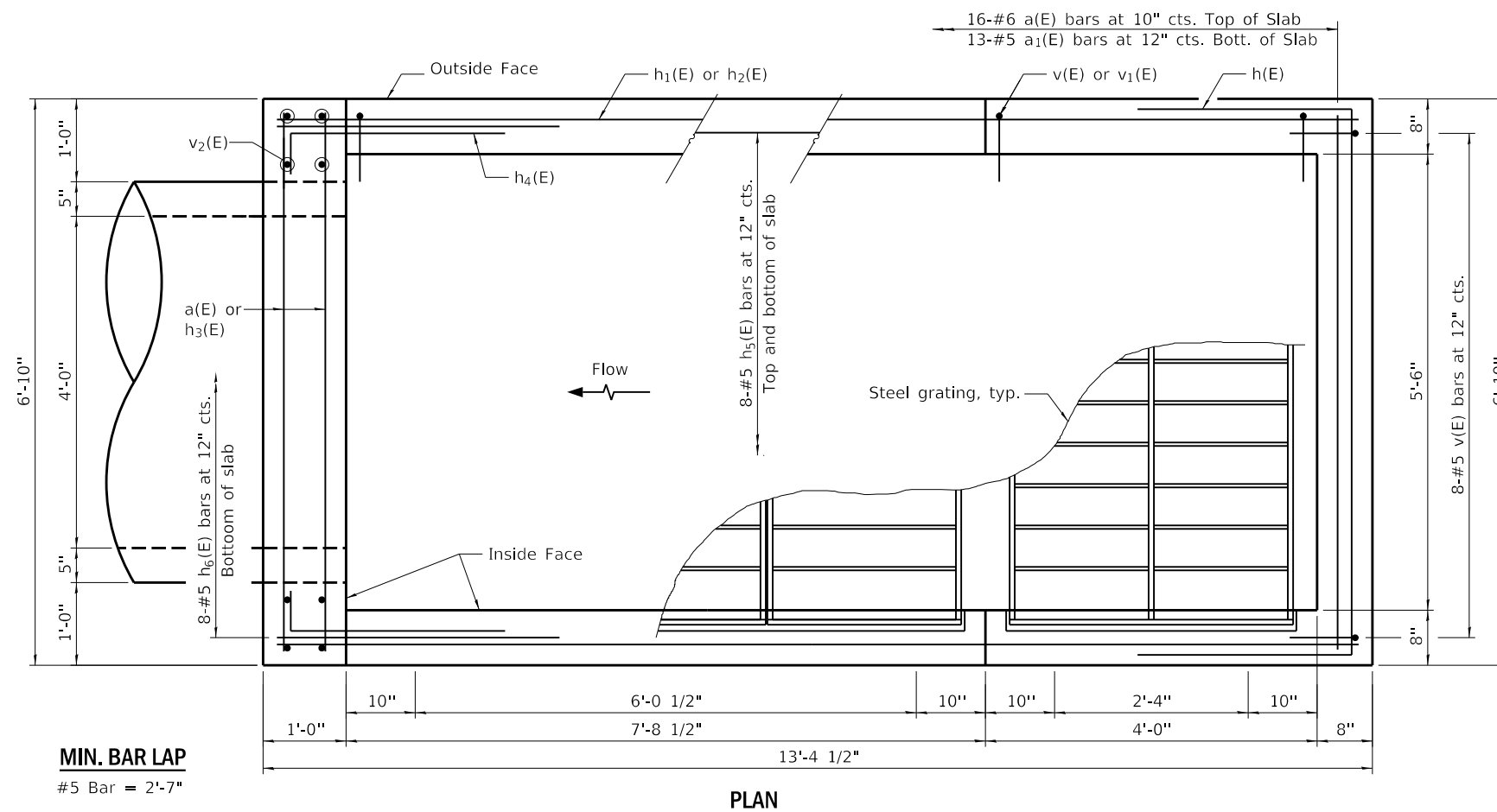


**GENERAL NOTES**

- Concrete Structures, Reinforcement Bars, Epoxy Coated, Structural Steel and bedding material shall not be paid for separately but included in the cost for "Culvert Drop Box."
- All concrete shall be class SI.
- Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60.
- Reinforcement bars designated (E) shall be epoxy coated.
- All exposed concrete edges shall be chamfered  $\frac{3}{4}$ " unless noted otherwise.
- All construction joints shall be bonded.
- This work shall conform to the requirements of the applicable portions of Sections 503, 505, 508 and 540 of the Standard Specifications.
- A precast option is not allowed at this location.
- All structural steel shall be AASHTO M270, Grade 36 or 50 and galvanized according to AASHTO M-111.
- For steel grating and edge angle details, see Culvert Drop Box Sheet 2 of 2.
- The Contractor shall submit shop drawings for the steel grating system to be approved by the Engineer.
- Bedding material shall consist of a minimum 6" compacted CA-6.



**LONGITUDINAL SECTION**

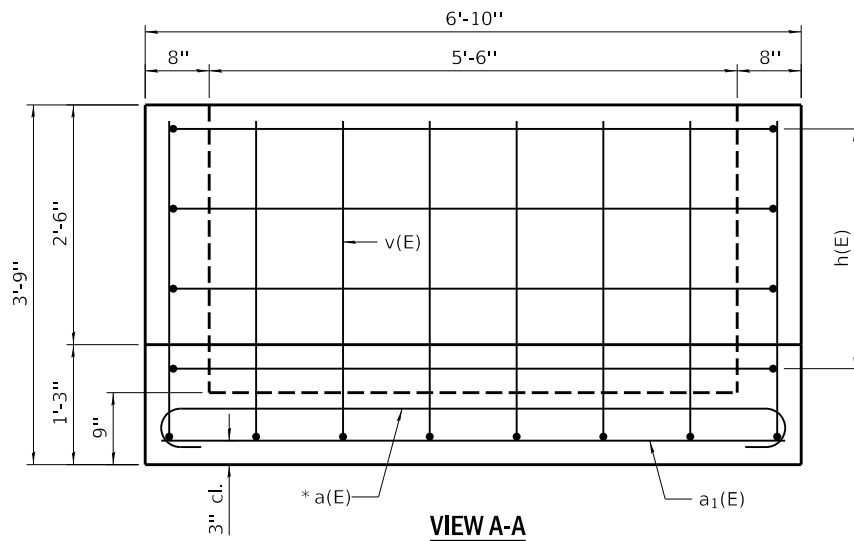


**PLAN**

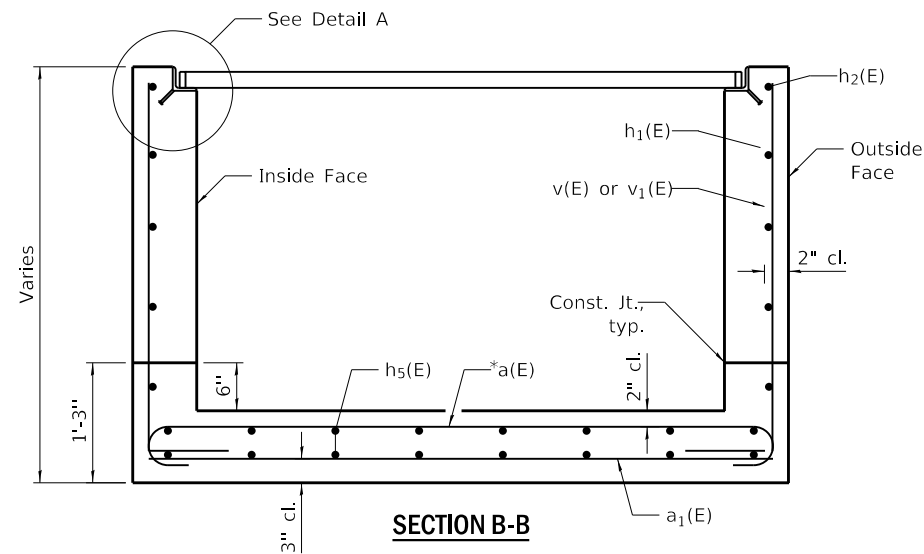
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	DATE - 02/26/18	REVISED -

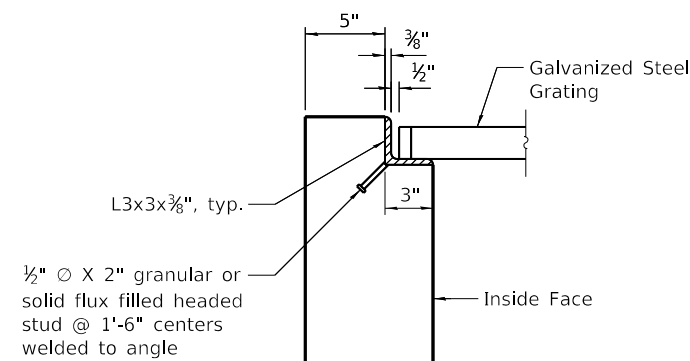
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5348	16-00189-00-WR	DEKALB	103	65
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	



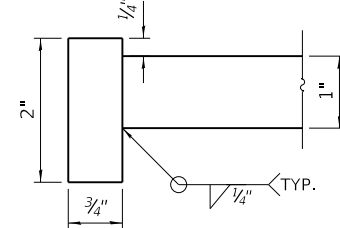
**VIEW A-A**  
\* Tilt a(E) bars as required to maintain clearance



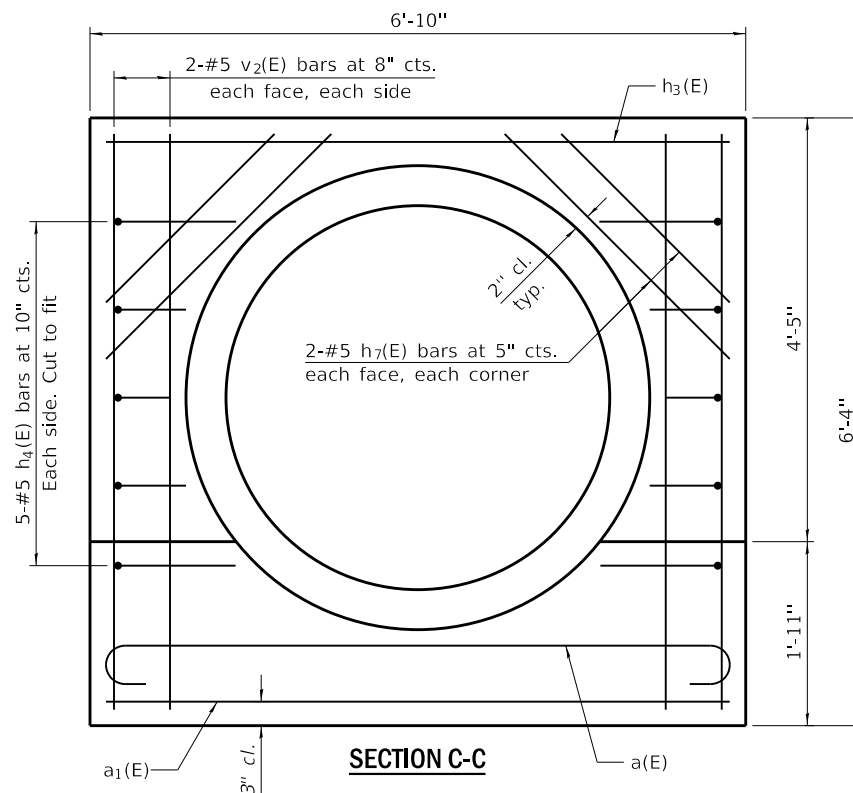
**SECTION B-B**



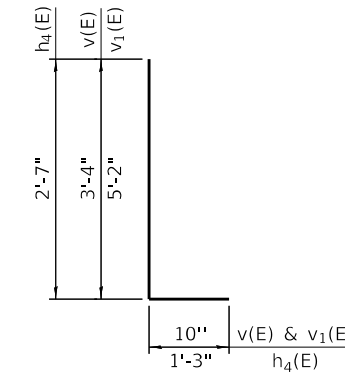
**DETAIL A**



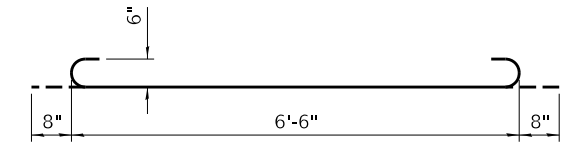
**SECTION C-C**



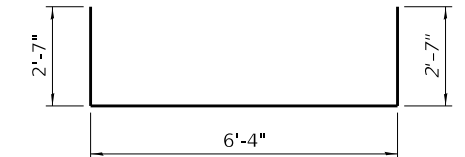
**SECTION C-C**



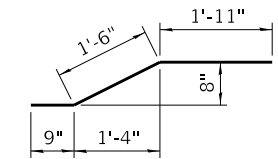
**BARS v(E), v1(E) & h4(E)**



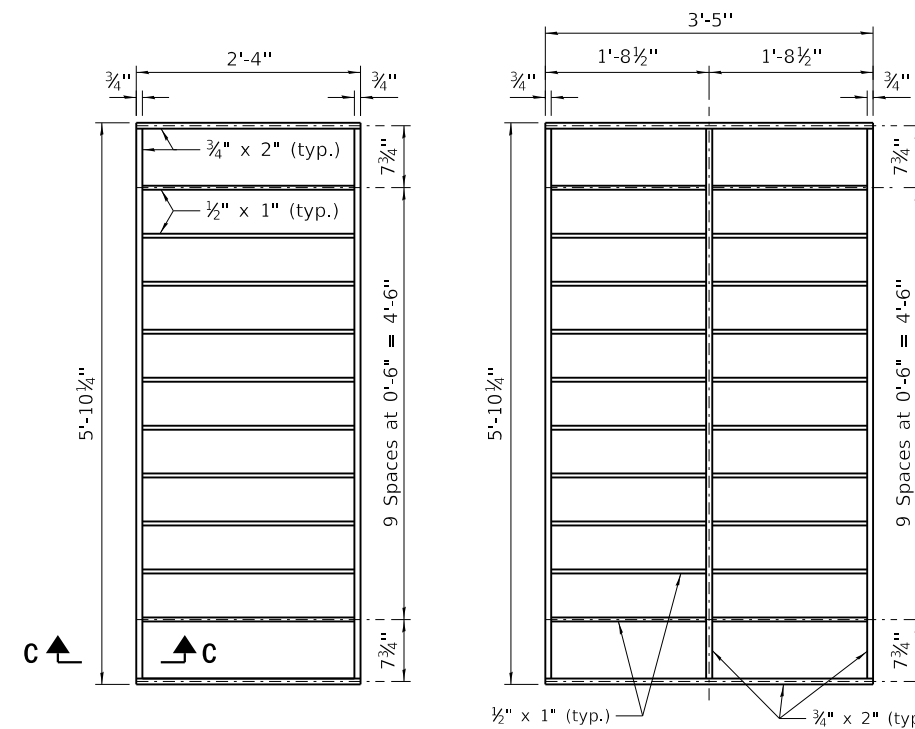
**BAR a(E)**



**BAR h(E)**



**BAR h6(E)**



**STEEL GRATING - TYPE 1**

No. Required = 3  
(Weight = 110 lb EA)

**STEEL GRATING - TYPE 2**

No. Required = 1  
(Weight = 163 lb EA)

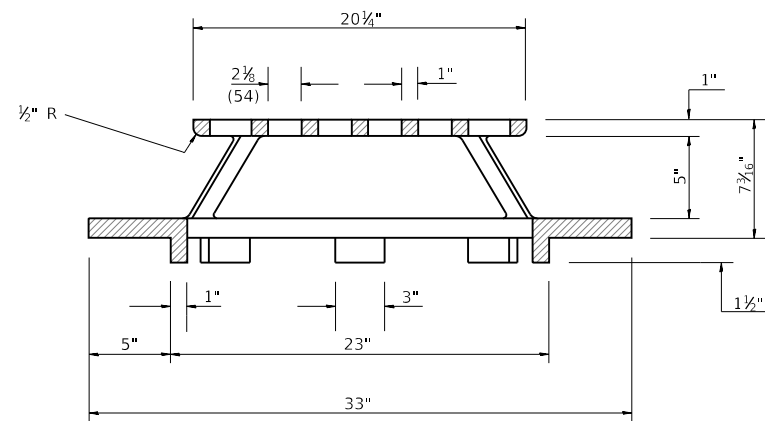
**BILL OF MATERIAL**

(For Information Only)

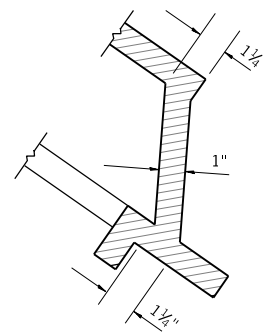
Bar	No.	Size	Length	Shape
a(E)	18	#6	7'-10"	┌┐
a1(E)	13	#5	6'-6"	—
h(E)	4	#5	11'-6"	┌┐
h1(E)	8	#5	13'-0"	—
h2(E)	2	#5	10'-0"	—
h3(E)	4	#6	6'-6"	—
h4(E)	10	#5	3'-10"	┌┐
h5(E)	16	#5	12'-0"	—
h6(E)	8	#5	4'-2"	┌┐
h7(E)	8	#5	2'-4"	—
v(E)	18	#5	4'-2"	┌┐
v1(E)	14	#5	6'-0"	┌┐
v2(E)	8	#5	6'-0"	—
Concrete Structures		Cu. Yd.	6.0	
Reinforcement Bars, Epoxy Coated		Pound	1030	
Furnishing and Erecting Structural Steel		L. Sum	1	

Note:  
All steel angles, headed studs and steel bars for the Steel Grating shall be included in the cost of Furnishing and Erecting Structural Steel.

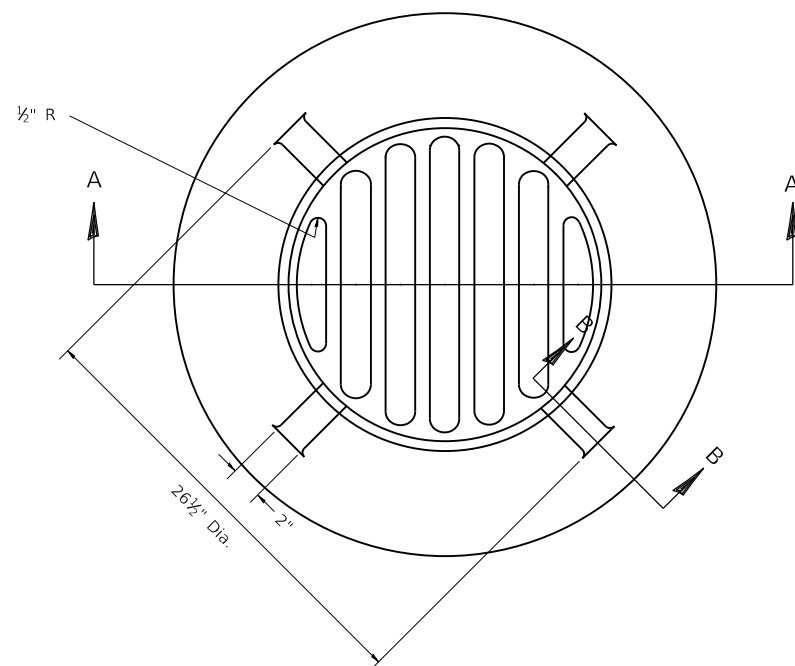
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SECTION A-A



SECTION B-B

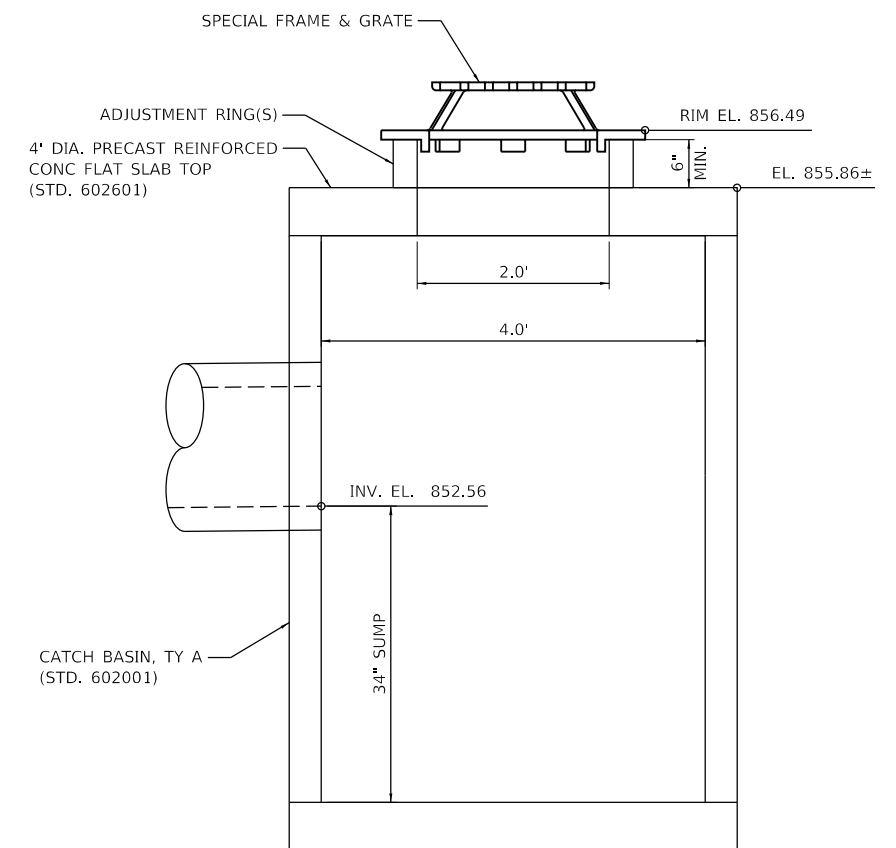


PLAN VIEW

SPECIAL FRAME & GRATE DETAIL

**GENERAL NOTES**

- MATERIAL - CAST GRAY IRON  
WEIGHT - 209 lbs (95 kg)



ELEVATION VIEW

CATCH BASIN, TYPE A, 4' DIA.

FILE NAME = W:\Projects\2017\170192\_Amlec\cadd\Civil\Drawings\170192-DT-03.dgn



**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

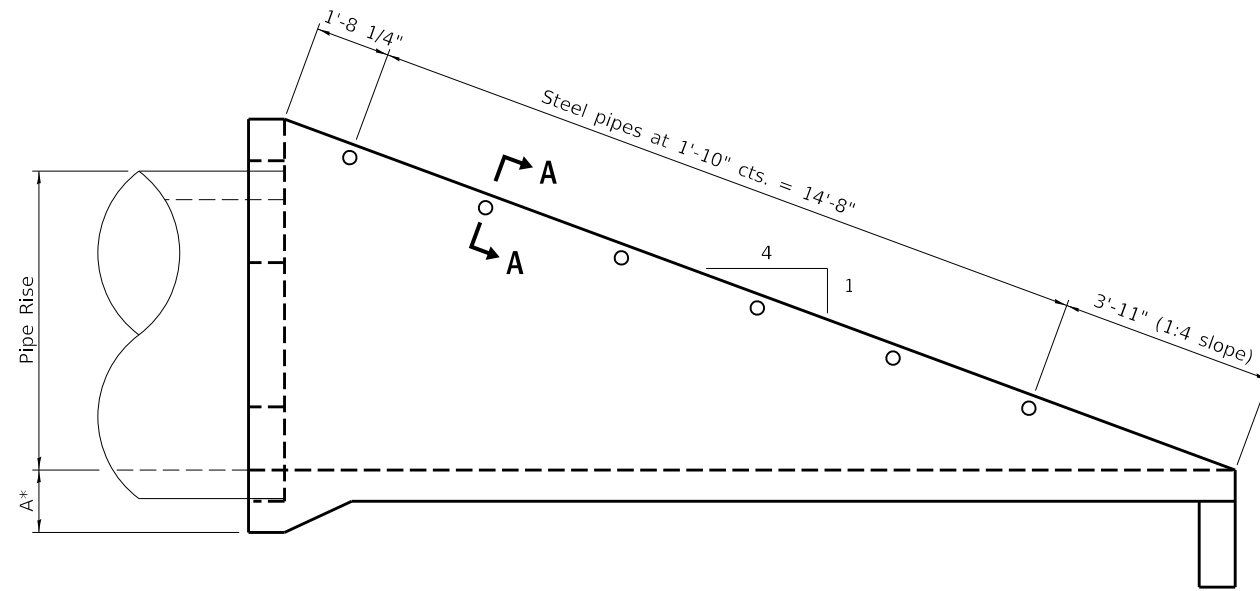
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

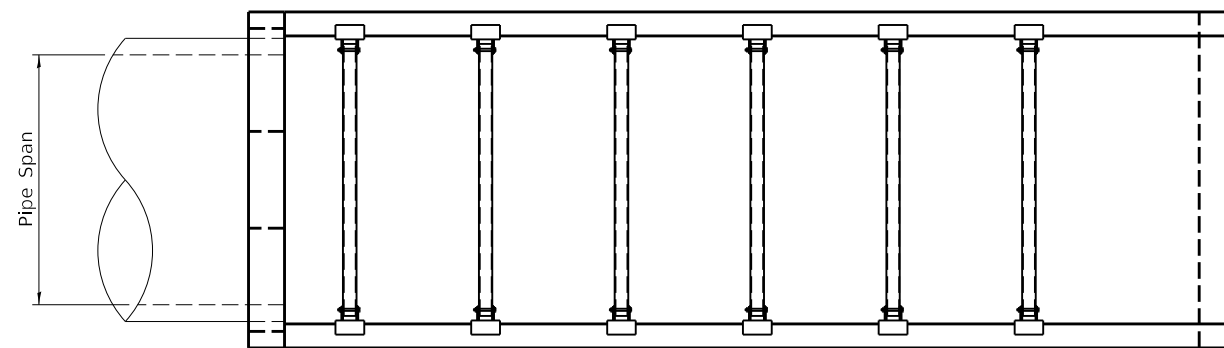
**DRAINAGE DETAILS  
CATCH BASIN, TYPE A, 4' DIA. WITH SPECIAL FRAME & GRATE**

SCALE: SHEET 3 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	67
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				



**LONGITUDINAL SECTION**



**PLAN VIEW**

**PIPE GRATE SCHEDULE FOR END SECTION, 48" EQUIVALENT DIA.**

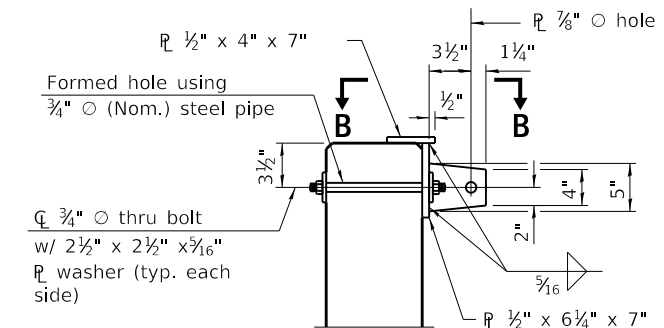
Pipe I.D.	SLOPE OF END SECTION					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
48" EQ	9 @ 6'-1"	54'-9"	13 @ 6'-1"	79'-1"	21 @ 6'-1"	127'-9"

**GENERAL NOTES**

The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1½" unless noted otherwise.

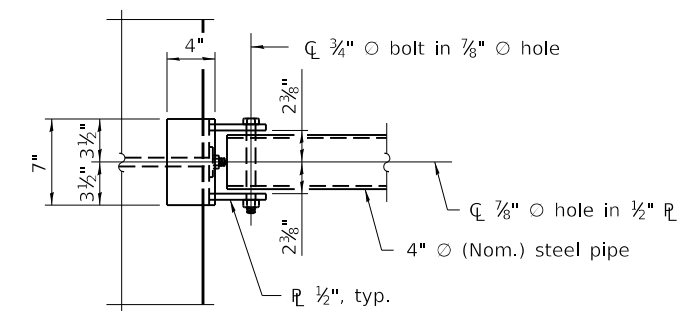
This standard shall only be used on concrete end sections for parallel drainage structures.

The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completely filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional 1/3 turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.



**SECTION A-A**

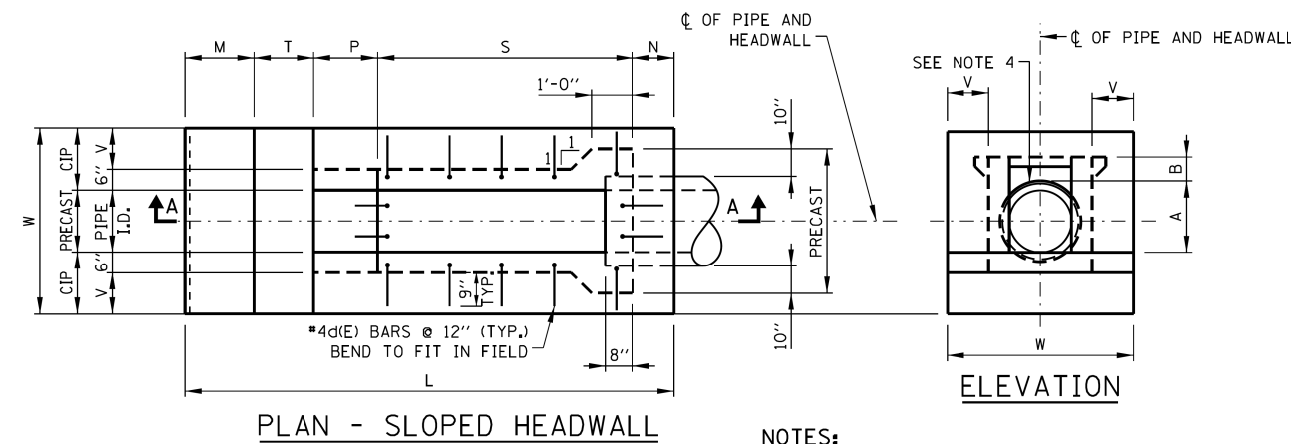
(4" Ø pipe not shown for clarity.)



**VIEW B-B**

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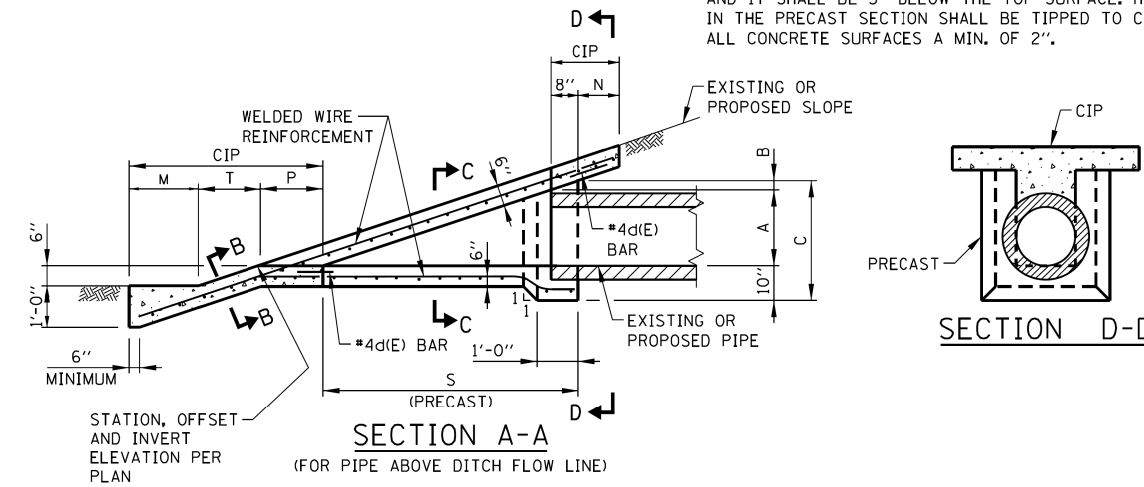
**DIMENSIONS AND QUANTITIES  
FOR ONE SLOPED HEADWALL TYPE III**



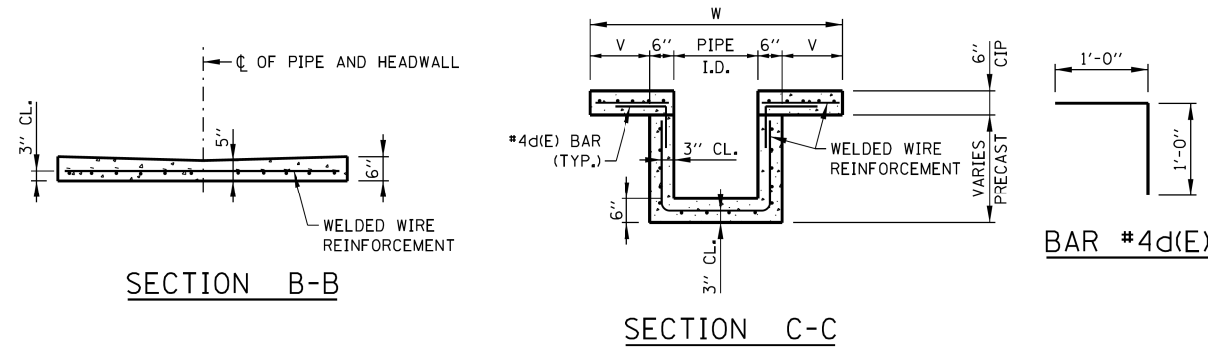
**PLAN - SLOPED HEADWALL**

**NOTES:**

EACH #4d(E) BAR SHALL BE PLACED SUCH THAT IT WILL PROJECT 9" INTO THE CAST IN PLACE (CIP) CONCRETE AND IT SHALL BE 3" BELOW THE TOP SURFACE. HOOKS IN THE PRECAST SECTION SHALL BE TIPPED TO CLEAR ALL CONCRETE SURFACES A MIN. OF 2".



**SECTION A-A  
(FOR PIPE ABOVE DITCH FLOW LINE)**



**SECTION B-B**

**SECTION C-C**

**DRAINAGE STRUCTURE NO. 1 & 2 DETAILS**

DRAINAGE STRUCTURES NO. 1 SHALL BE 1:4, 6" SLOPED HEADWALL  
DRAINAGE STRUCTURES NO. 2 SHALL BE 1:4, 24" SLOPED HEADWALL

PIPE I.D.	DIMENSIONS											PRE CAST CONC. CU. YD.	CAST-IN-PLACE CU. YD.	WELDED WIRE REINFORCEMENT SQ. YD.	REINFORCEMENT BARS				
	A	B	C	N	M	T	P	S	L	V	W				MARK(E)	SIZE	NO.	LENGTH	LB.
6"	9"	2 3/4"	1'-9 3/4"	1'-0"	1'-8"	1'-6"	1'-6 3/4"	2'-11 1/4"	8'-8"	1'-0"	3'-6"	0.15	0.72	3.28	d6	#4	12	2'-0"	16
12"	1'-3 1/2"	2 3/4"	2'-4 1/4"	1'-0"	1'-8"	1'-6"	1'-6 3/4"	4'-6 3/4"	10'-3 1/2"	1'-0"	4'-0"	0.34	0.92	4.50	d12	#4	14	2'-0"	19
15"	1'-6 1/2"	2 3/4"	2'-7 1/4"	1'-0"	1'-8"	1'-6"	1'-6 3/4"	5'-3 3/4"	11'-1 1/2"	1'-0"	4'-3"	0.45	1.01	5.88	d15	#4	16	2'-0"	21
18"	1'-10"	2 3/4"	2'-10 3/4"	1'-0"	1'-8"	1'-6"	1'-6 3/4"	6'-2 1/4"	11'-11"	1'-0"	4'-6"	0.61	1.13	6.44	d18	#4	18	2'-0"	24
21"	2'-1"	2 3/4"	3'-1 3/4"	1'-0"	1'-9"	1'-6"	1'-6 3/4"	6'-11 1/4"	12'-9"	1'-3"	5'-3"	0.76	1.39	8.34	d21	#4	22	2'-0"	29
24"	2'-4 1/2"	2 3/4"	3'-5 1/4"	1'-0"	2'-0"	1'-6"	1'-6 3/4"	7'-9 3/4"	13'-10 1/2"	1'-6"	6'-0"	0.95	1.72	9.85	d24	#4	24	2'-0"	32
27"	2'-7 1/2"	2 3/4"	3'-8 1/4"	1'-1 1/2"	2'-3"	1'-6"	1'-6 3/4"	8'-6 3/4"	15'-0"	1'-9"	6'-9"	1.14	2.07	13.54	d27	#4	24	2'-0"	32
30"	2'-11"	2 3/4"	3'-11 3/4"	1'-3"	2'-6"	1'-6"	1'-6 3/4"	9'-5 1/4"	16'-3"	2'-0"	7'-6"	1.38	2.46	16.40	d30	#4	26	2'-0"	35

PIPE I.D.	DIMENSIONS											PRE CAST CONC. CU. YD.	CAST-IN-PLACE CU. YD.	WELDED WIRE REINFORCEMENT SQ. YD.	REINFORCEMENT BARS				
	A	B	C	N	M	T	P	S	L	V	W				MARK(E)	SIZE	NO.	LENGTH	LB.
6"	9"	2"	1'-9"	1'-0"	1'-8"	2'-0"	2'-1"	3'-8"	10'-5"	1'-0"	3'-6"	0.17	0.83	4.07	d6	#4	12	2'-0"	16
12"	1'-3 1/2"	2"	2'-3 1/2"	1'-0"	1'-8"	2'-0"	2'-1"	5'-10"	12'-7"	1'-0"	4'-0"	0.41	1.07	5.50	d12	#4	16	2'-0"	21
15"	1'-6 1/2"	2"	2'-6 1/2"	1'-0"	1'-8"	2'-0"	2'-1"	6'-10"	13'-7"	1'-0"	4'-3"	0.55	1.18	6.63	d15	#4	18	2'-0"	24
18"	1'-10"	2"	2'-10"	1'-0"	1'-8"	2'-0"	2'-1"	8'-0"	14'-9"	1'-0"	4'-6"	0.74	1.32	8.60	d18	#4	22	2'-0"	29
21"	2'-1"	2"	3'-1"	1'-0"	1'-9"	2'-0"	2'-1"	9'-0"	15'-10"	1'-3"	5'-3"	0.93	1.63	11.03	d21	#4	24	2'-0"	32
24"	2'-4 1/2"	2"	3'-4 1/2"	1'-0"	2'-0"	2'-0"	2'-1"	10'-2"	17'-3"	1'-6"	6'-0"	1.18	2.00	13.88	d24	#4	28	2'-0"	37
27"	2'-7 1/2"	2"	3'-7 1/2"	1'-1 1/2"	2'-3"	2'-0"	2'-1"	11'-2"	18'-7 1/2"	1'-9"	6'-9"	1.42	2.41	14.83	d27	#4	30	2'-0"	40
30"	2'-11"	2"	3'-11"	1'-3"	2'-6"	2'-0"	2'-1"	12'-4"	20'-2"	2'-0"	7'-6"	1.71	2.87	20.49	d30	#4	32	2'-0"	43

PIPE I.D.	DIMENSIONS											PRE CAST CONC. CU. YD.	CAST-IN-PLACE CU. YD.	WELDED WIRE REINFORCEMENT SQ. YD.	REINFORCEMENT BARS				
	A	B	C	N	M	T	P	S	L	V	W				MARK(E)	SIZE	NO.	LENGTH	LB.
6"	9"	1 1/2"	1'-8 1/2"	1'-0"	1'-8"	3'-0"	3'-0"	5'-3"	13'-11"	1'-0"	3'-6"	0.23	1.07	5.29	d6	#4	16	2'-0"	21
12"	1'-3 1/2"	1 1/2"	2'-3"	1'-0"	1'-8"	3'-0"	3'-0"	8'-6"	17'-2"	1'-0"	4'-0"	0.57	1.38	8.62	d12	#4	22	2'-0"	29
15"	1'-6 1/2"	1 1/2"	2'-6"	1'-0"	1'-8"	3'-0"	3'-0"	10'-0"	18'-8"	1'-0"	4'-3"	0.77	1.53	10.35	d15	#4	26	2'-0"	35
18"	1'-10"	1 1/2"	2'-9 1/2"	1'-0"	1'-8"	3'-0"	3'-0"	11'-9"	20'-5"	1'-0"	4'-6"	1.04	1.70	12.47	d18	#4	28	2'-0"	37
21"	2'-1"	1 1/2"	3'-0 1/2"	1'-0"	1'-9"	3'-0"	3'-0"	13'-3"	22'-0"	1'-3"	5'-3"	1.31	2.11	15.77	d21	#4	34	2'-0"	45
24"	2'-4 1/2"	1 1/2"	3'-4"	1'-0"	2'-0"	3'-0"	3'-0"	15'-0"	24'-0"	1'-6"	6'-0"	1.66	2.59	17.62	d24	#4	38	2'-0"	51
27"	2'-7 1/2"	1 1/2"	3'-7"	1'-1 1/2"	2'-3"	3'-0"	3'-0"	16'-6"	25'-10 1/2"	1'-9"	6'-9"	1.99	3.11	24.10	d27	#4	40	2'-0"	53
30"	2'-11"	1 1/2"	3'-10 1/2"	1'-3"	2'-6"	3'-0"	3'-0"	18'-3"	28'-0"	2'-0"	7'-6"	2.41	3.70	29.13	d30	#4	44	2'-0"	59

**NOTES:**

- THE CAST IN PLACE (CIP) SLOPED HEADWALL SHALL BE CONSTRUCTED FLUSH WITH EXISTING OR PROPOSED SLOPE.
- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- WELDED WIRE REINFORCEMENT SHALL BE EPOXY COATED 6x6-W4xW4, 58 LBS. PER 100 SQ.FT.
- ALL REINFORCEMENT BARS SHOWN SHALL BE EPOXY COATED (E).
- BAR BENDING DETAILS ARE DIMENSIONED OUT TO OUT OF BARS.
- COVER FROM FACE OF CONCRETE TO FACE OF REINFORCEMENT BAR SHALL BE 3" FOR SURFACES FORMED AGAINST EARTH AND 2" FOR ALL OTHER SURFACES UNLESS OTHERWISE SHOWN.
- PRECAST UNIT USE IS OPTIONAL. THE ENTIRE STRUCTURE MAY BE CAST IN PLACE.
- AFTER THE PRECAST SLOPED HEADWALL HAS BEEN PLACED, THE SPACE BETWEEN THE HEADWALL AND PIPE SHALL BE COMPLETELY FILLED WITH AN APPROVED NON-SHRINK GROUT WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5000 PSI.
- THE SLOPED HEADWALL DETAILS SHOWN ON THIS DRAWING ARE FOR USE ONLY WITH PIPES HAVING DIAMETER OR SPAN OF 30" OR LESS.
- ALL SLOPES ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).
- I.D. DENOTES INSIDE DIAMETER OF PIPE. O.D. DENOTES OUTSIDE DIAMETER OF PIPE.
- SLOPED HEADWALLS TO BE PAID FOR AS "DRAINAGE STRUCTURES, NO. 1" AND "DRAINAGE STRUCTURES, NO. 2".

FILE NAME = W:\Projects\2017\170192\_Amle\gl\dr\civ\Falkview\Phili\cadd\Civil\Drawings\170192-DT-ISTHA\_13.dgn



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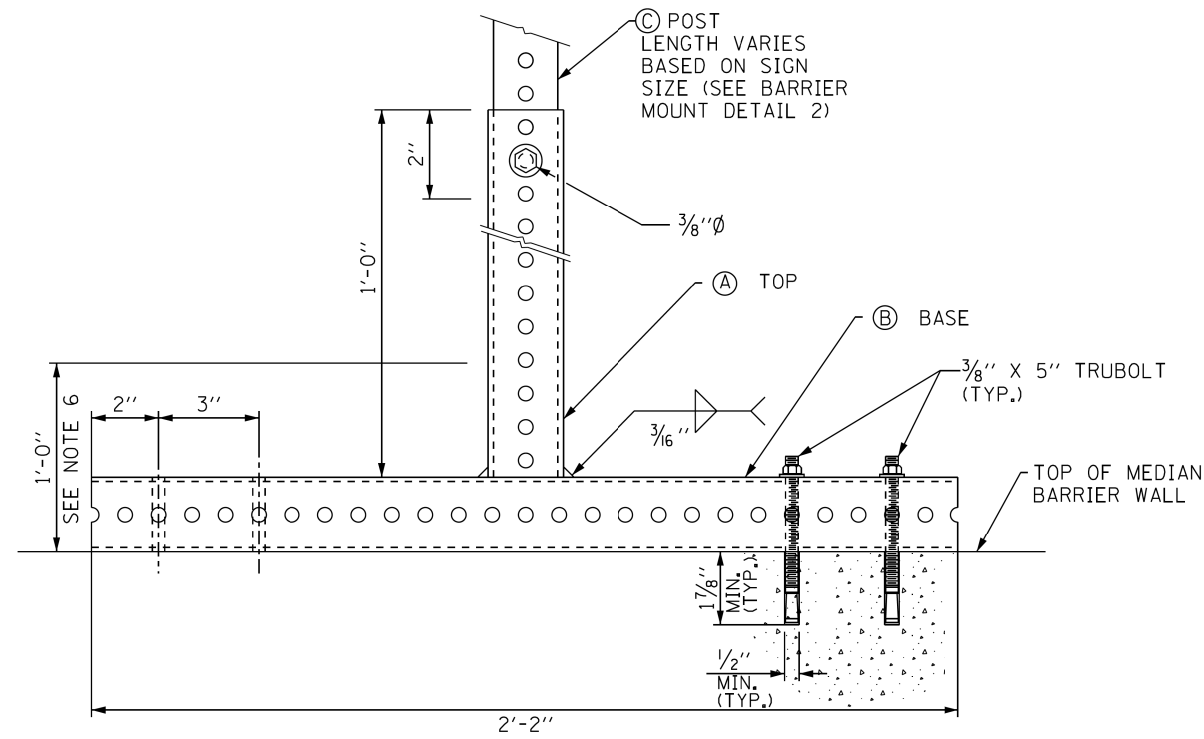
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PLOT DATE = 2/26/2018	CHECKED -	REVISED -
	DATE = 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS**

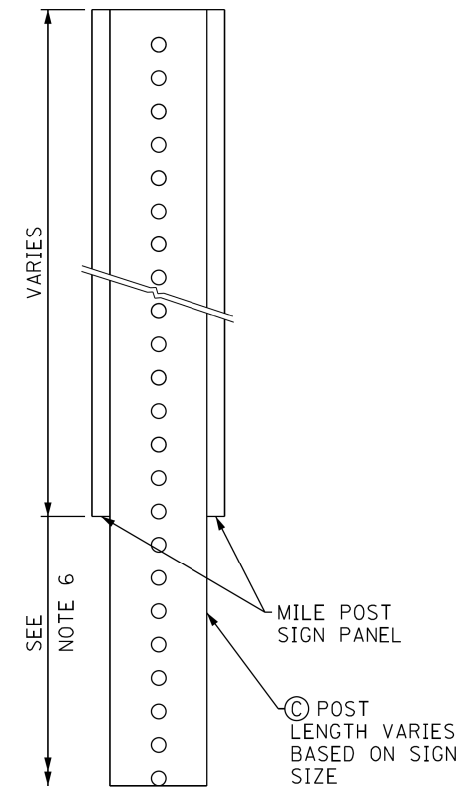
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	69
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				



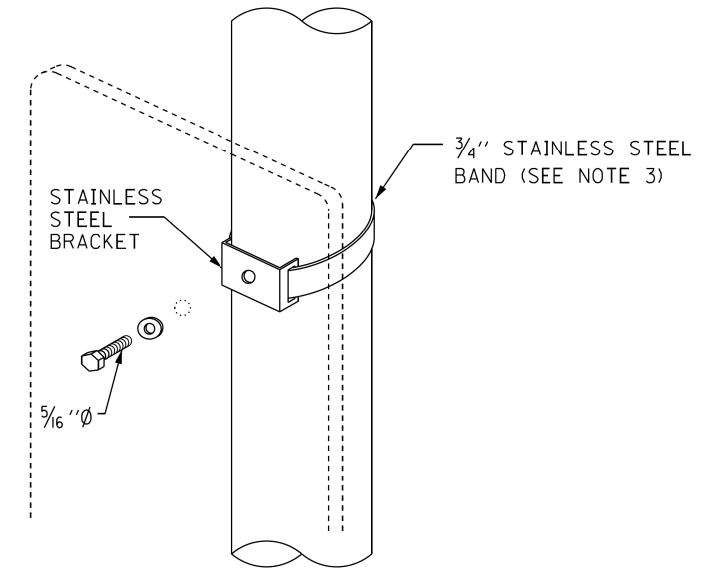
**BARRIER WALL MOUNT DETAIL**

NOT TO SCALE



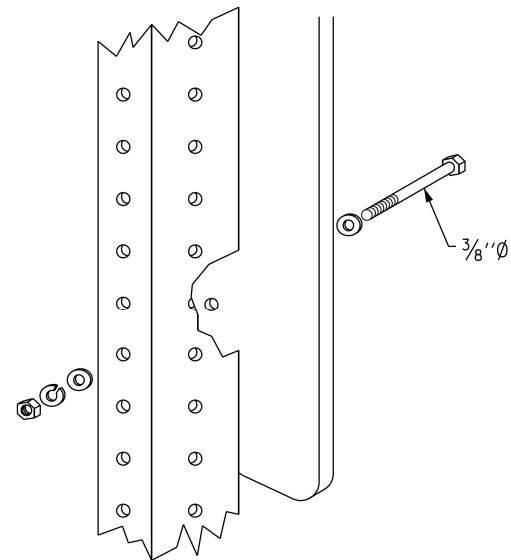
**BARRIER WALL MOUNT DETAIL 2**

NOT TO SCALE



**LIGHT POLE/SIGN STRUCTURE MOUNT DETAIL**

NOT TO SCALE



**TELESCOPING STEEL POSTS**

NOT TO SCALE

**BASE FOR SIGN SUPPORT, SPECIAL DETAILS**

**GENERAL NOTES:**

1. ALL ANCHOR BOLTS FOR MEDIAN BARRIER MOUNT DETAIL SHALL BE 3/8" DIA. RED HEAD "TRUBOLT" OR APPROVED EQUAL.
2. ALL DIMENSIONS ARE IN INCHES UNLESS SHOWN OTHERWISE.
3. FOLLOWING ARE THE STEPS FOR FASTENING THE MILEPOST MARKER SIGN PANEL. ALL MOUNTING DETAILS SHOWN ON THIS SHEET APPLY:
  - a. CENTER ALL FASTENERS ON THE SIGN PANEL.
  - b. START AND FINISH THE FASTENER SPACING USING A MINIMUM OF 3" TO A MAXIMUM OF 6" FROM THE TOP AND BOTTOM EDGE OF THE SIGN PANEL.
  - c. THE DISTANCE BETWEEN SUCCESSIVE FASTENERS SHALL NOT EXCEED 2'-0".
4. CENTER THE 5/16" DIA. BOLT IN THE MIDDLE OF THE SIGN.
5. USE THE SAME ATTACHMENT FOR BACK TO BACK MILEPOST MARKER SIGN.
6. DISTANCE FROM THE GROUND TO THE BOTTOM OF THE MILEPOST MARKER SIGN SHALL HAVE A MINIMUM OF 4'-0" REGARDLESS OF BARRIER TYPE.
7. THE TOP SECTION SHALL BE TELESKOPEDED INTO THE BASE SECTION 12 INCHES AND FASTENED TOGETHER.
8. FOR ATTACHMENT TO BRIDGE PARAPET USE BARRIER MOUNT WALL DETAIL. ONLY ONE PANEL REQUIRED WHEN ATTACHED TO PARAPET ALONG OUTSIDE SHOULDER.
9. BARRIER WALL MOUNT SHALL BE PAID FOR AS "BASE FOR SIGN SUPPORT, SPECIAL".

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**GENERAL DETAILS**

SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	70
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

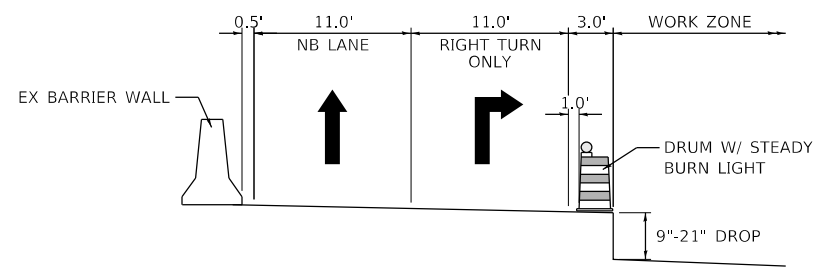
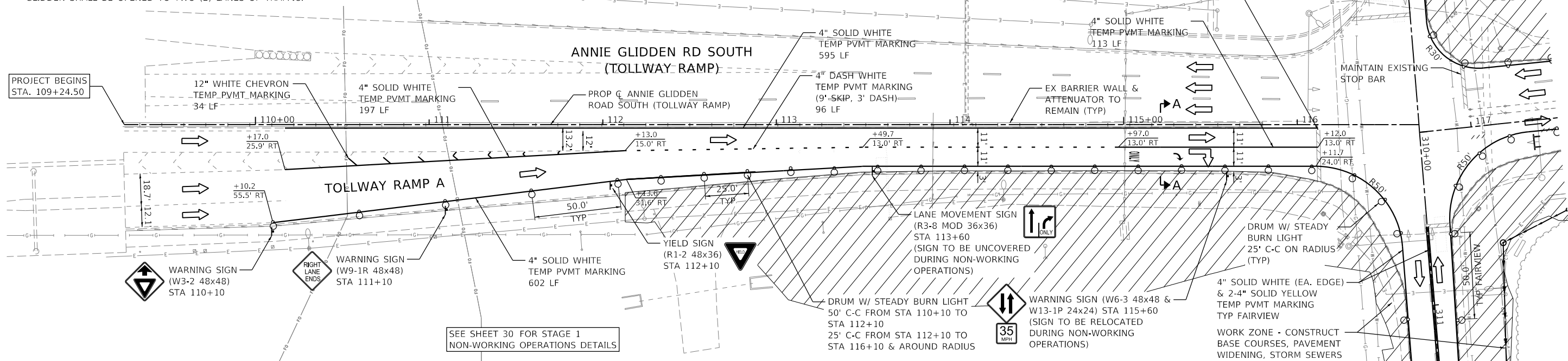
STAGE 1 NOTES

1. ALL WORK ADJACENT TO THE EDGE OF PAVEMENT ON THE NORTHWEST AND SOUTHWEST CORNER OF THE INTERSECTION SHALL BE DONE UNDER IDOT STD. 701701.
2. PAVEMENT WIDENING AND RELATED WORK ON FAIRVIEW DRIVE SHALL BE COMPLETED UNDER IDOT STD. 701326.
3. THE TRAFFIC SIGNAL PHASING SHALL BE OPERATIONAL IN STAGE 1.
4. ONCE THE BINDER COURSE IS COMPLETED FOR THE PROPOSED WIDENING AND SHOULDER WORK THE OUTSIDE NORTHBOUND LANE ON ANNIE GLIDDEN SHALL BE OPENED TO TWO (2) LANES OF TRAFFIC.

**MAINTENANCE OF TRAFFIC PLAN - STAGE 1 NON-WORKING OPERATIONS DETAILS**

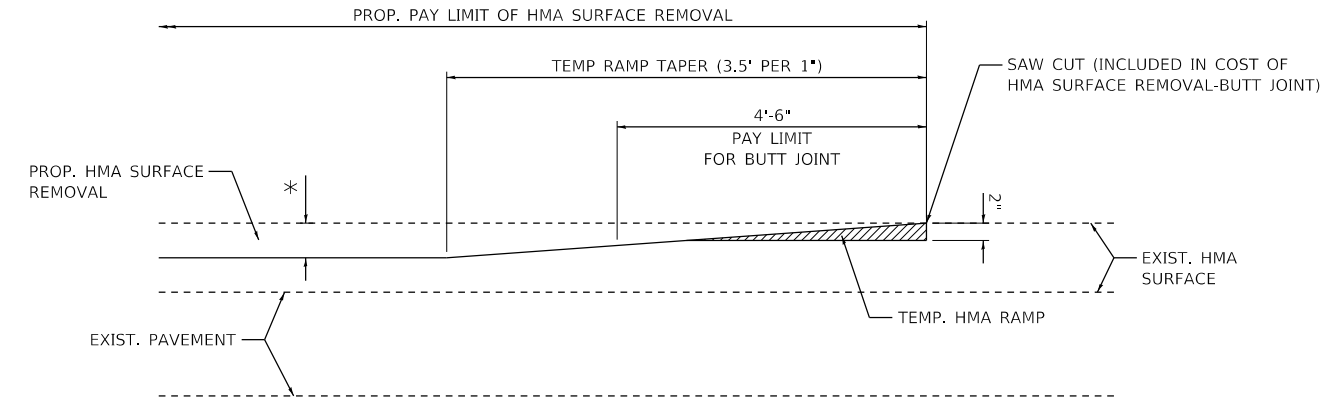
TEMPORARY PAVEMENT MARKING NOTES

5. ALL TEMPORARY PAVEMENT MARKING ON ANNIE GLIDDEN SOUTH (TOLLWAY RAMP) FROM STA. 110+00 TO STA. 116+12 SHALL BE PAVEMENT MARKING TAPE, TYPE IV.
6. UNLESS OTHERWISE NOTED ON THE PLANS, ALL OTHER TEMPORARY PAVEMENT MARKINGS SHALL BE TAPE, TYPE III.



SECTION A-A  
STAGE 1 NON-WORKING OPERATIONS

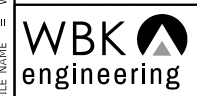
**STAGE 1 NON-WORKING OPERATIONS NOTES**  
 DURING STAGE 1 AND POST-STAGE 3, THE RIGHT TURN LANE SHALL BE OPEN TO TRAFFIC DURING HOURS THAT THE CONTRACTOR IS NOT WORKING.  
 DURING WORK HOURS WHEN WORKERS ARE PRESENT THE RIGHT TURN LANE SHALL BE CLOSED TO TRAFFIC. THE LANE CONFIGURATION FOR WORKING HOUR OPERATIONS IS DETAILED ON SHEET 30.



- NOTES:
1. THE TEMPORARY RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  2. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- \* SEE MILLING AND LEVELING BINDER PLAN SHEETS FOR MILLING THICKNESS.

**BUTT JOINT AND HMA TAPER DETAIL**

FILE NAME = W:\Projects\2017\170192\_AnnieGliddenFairview\Plan\Drawings\170192-DT-03\_06.dgn



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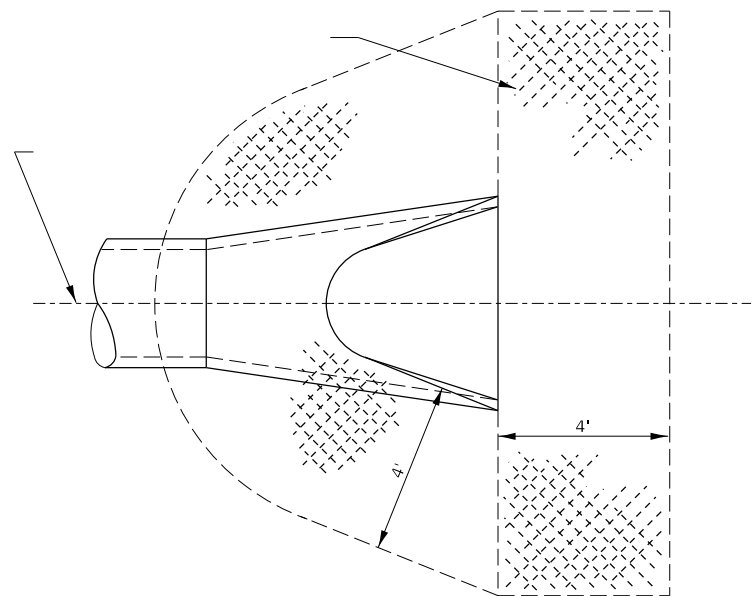
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**STATE OF ILLINOIS  
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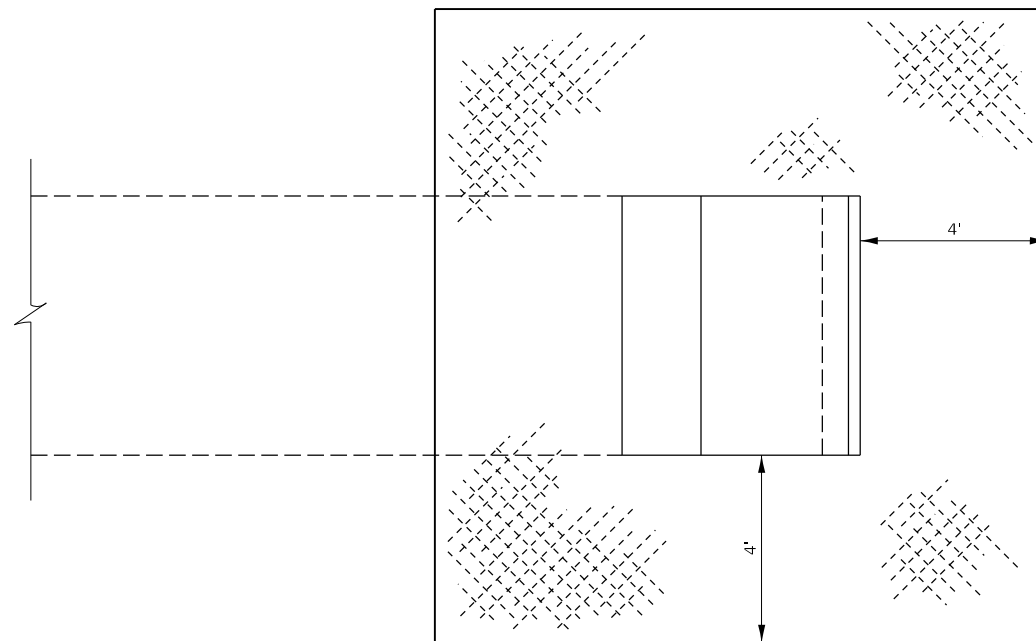
**GENERAL DETAILS**

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

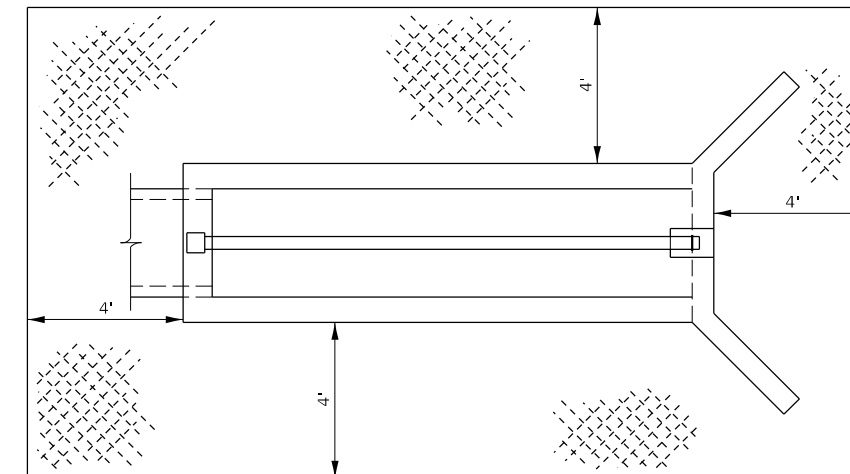
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				CONTRACT NO. 87664
		ILLINOIS	FED. AID PROJECT	



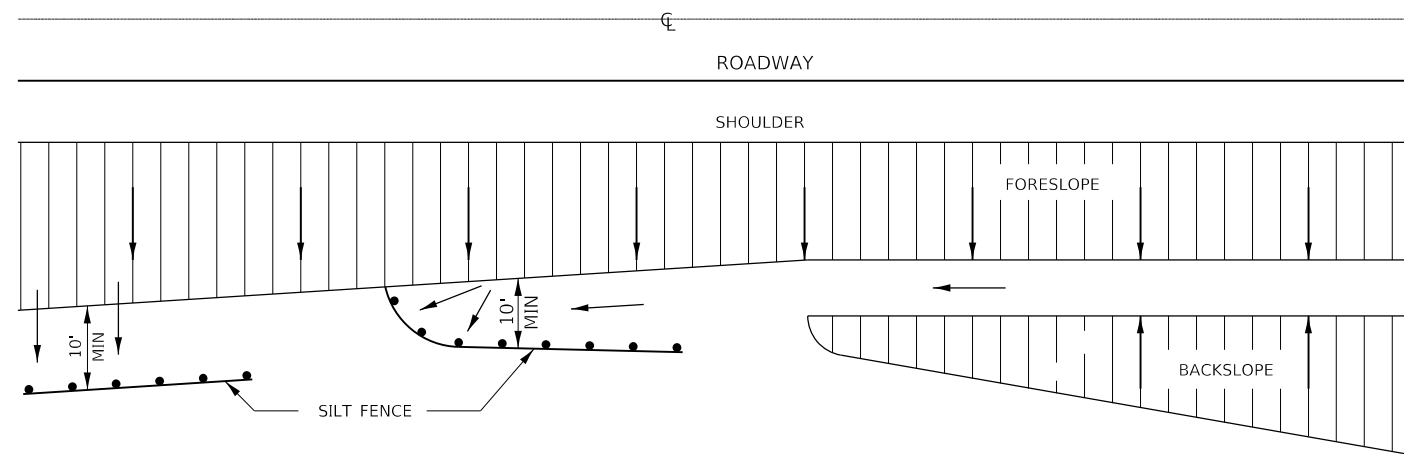
DETAIL OF EROSION CONTROL BLANKET  
LINING AROUND END SECTION  
D3 DETAIL 251-2



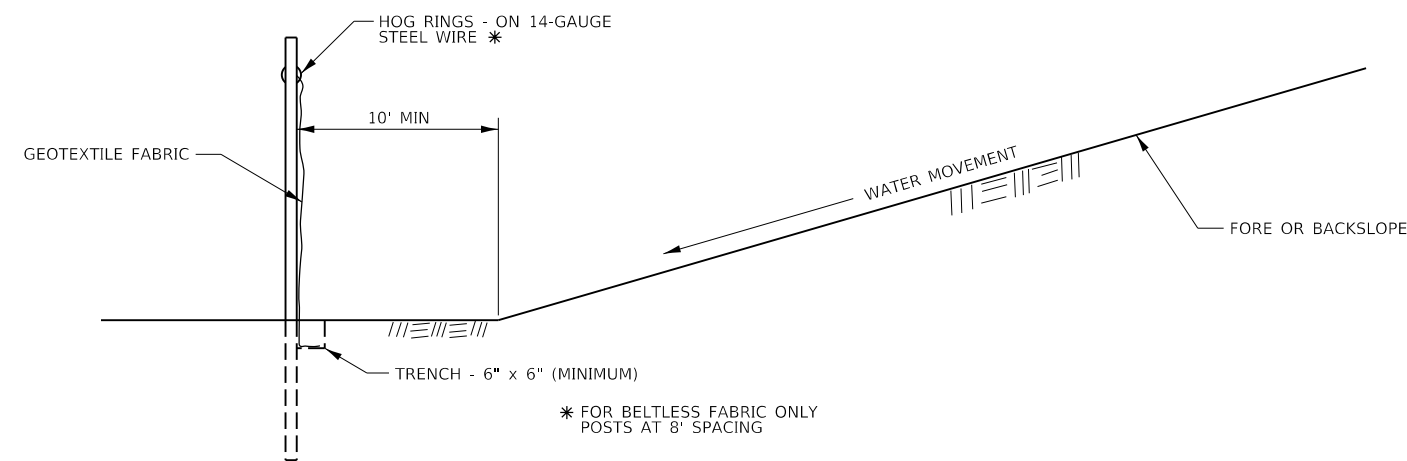
EROSION CONTROL BLANKET AT PRECAST  
BOX CULVERT END SECTIONS  
D3 DETAIL 251-5



EXCELSIOR BLANKET PLACEMENT FOR  
INLET BOXES STD. 542501 THROUGH STD. 542546  
D3 DETAIL 251-6



EROSION CONTROL DETAILS  
FOR SILT FENCE  
D3 DETAIL 280-1



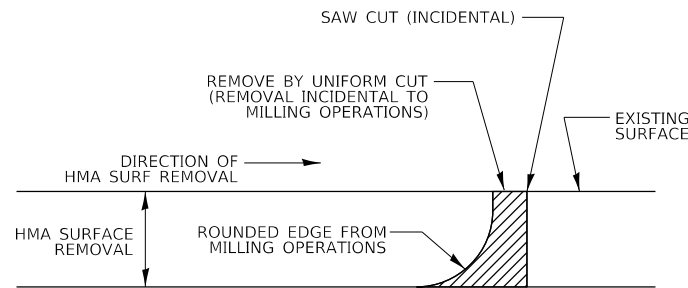
DETAILS OF SILT FENCE

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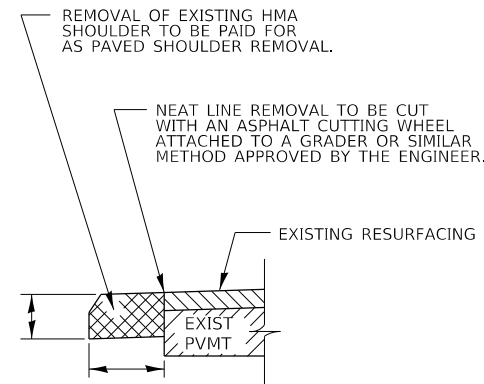
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				CONTRACT NO. 87664
ILLINOIS FED. AID PROJECT				



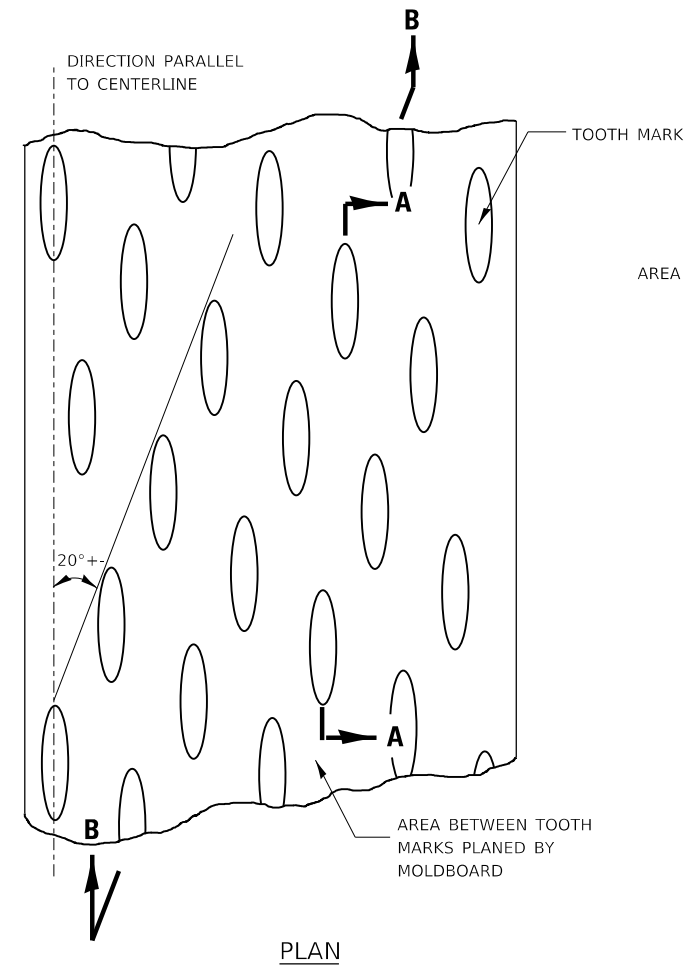


NOTE:  
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

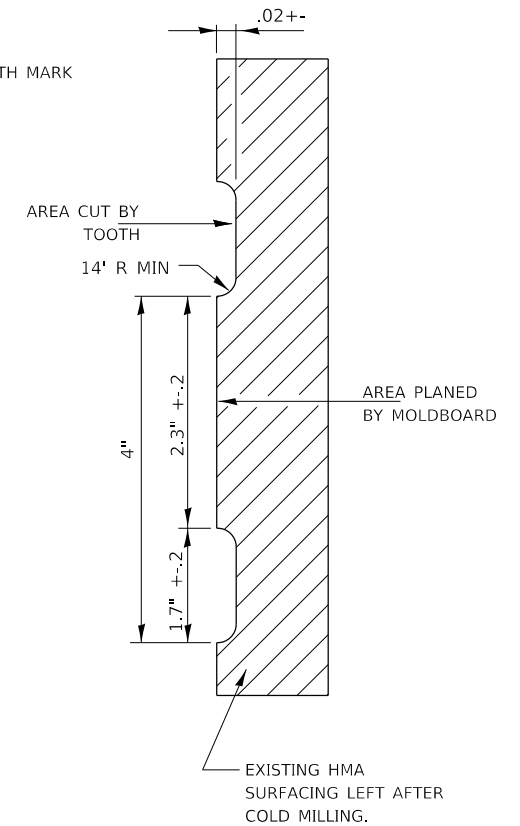
**HMA DETAIL AT BUTT JOINTS**  
D3 DETAIL 406-8



**REMOVAL OF EXISTING HMA SHOULDER**  
D3 DETAIL 440-1



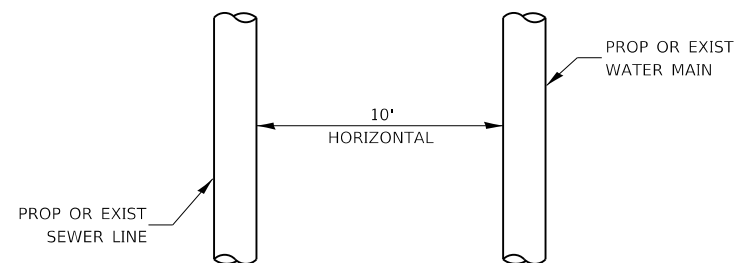
PLAN



SECTION A-A

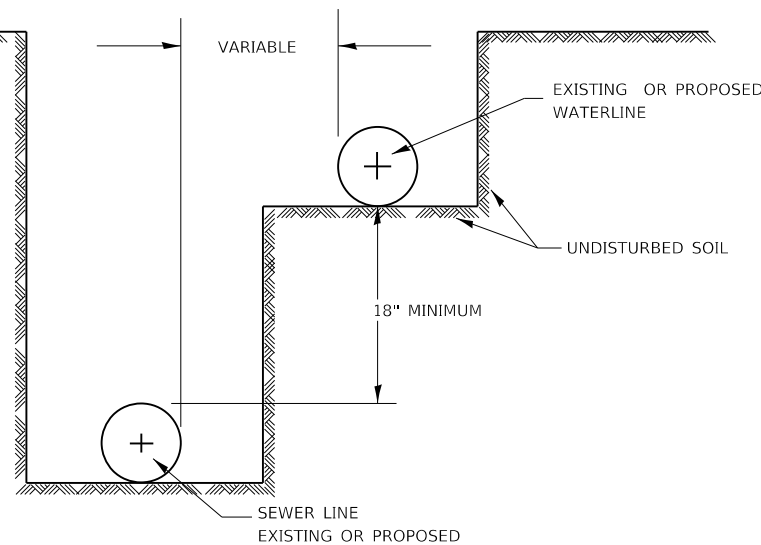
PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER).

PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER).

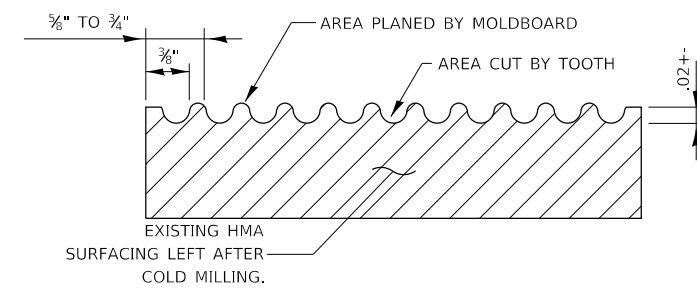


PLAN VIEW

D3 DETAIL 563-3



**WATER AND SEWER SEPARATION REQUIREMENTS - HORIZONTAL SEPARATION**



SECTION B-B  
PROJECTED PERPENDICULAR TO CENTERLINE

**REQUIRED COLD MILLED SURFACE TEXTURE**  
D3 DETAIL 440-2

1. COLD MILLING SHALL CONSIST OF TWO PROCESSES: CUTTING WITH CARBIDE TEETH MOUNTED ON A ROTATING DRUM, AND PLANING WITH A MOLDBOARD MOUNTED IMMEDIATELY BEHIND THE CUTTING DRUM.
2. OTHER SIMILAR PATTERNS WILL BE ACCEPTABLE IF THEY CONSIST OF A SMOOTH, FLAT PLANED SURFACE INTERSPERSED WITH A PATTERN OF DISCONTINUOUS LONGITUDINAL STRIATIONS.

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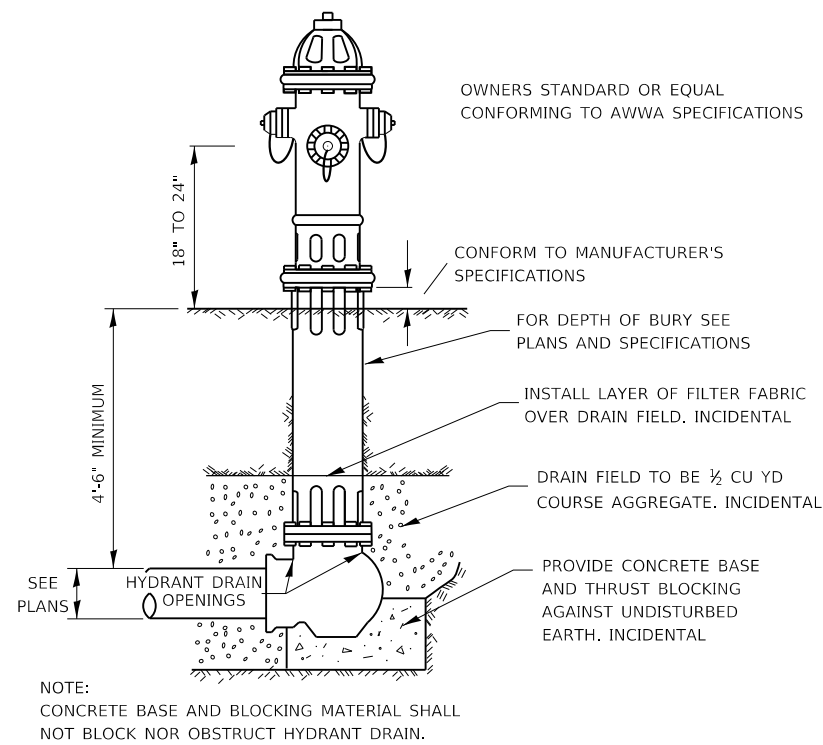
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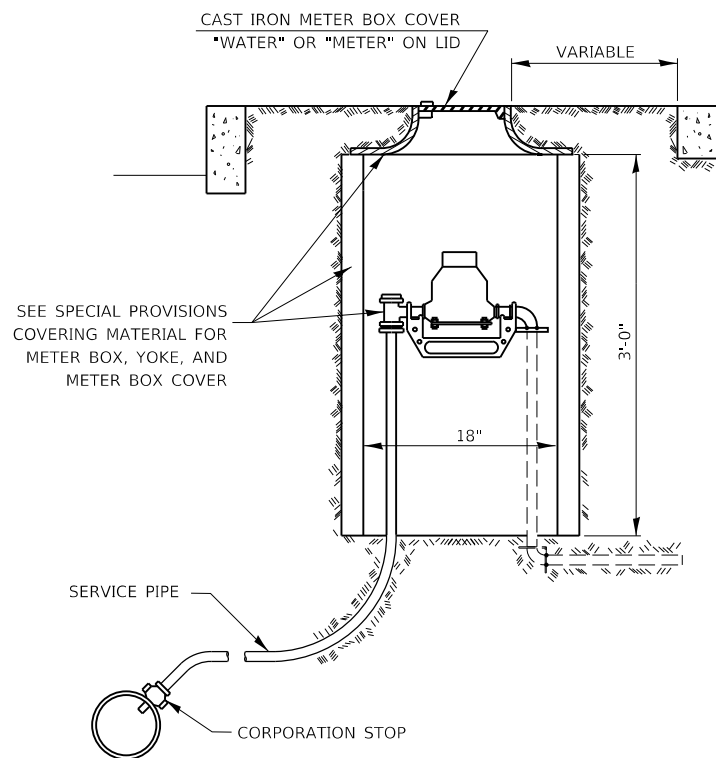
**DISTRICT 3 DETAILS**

SCALE: SHEET 9 OF 14 SHEETS STA. TO STA.

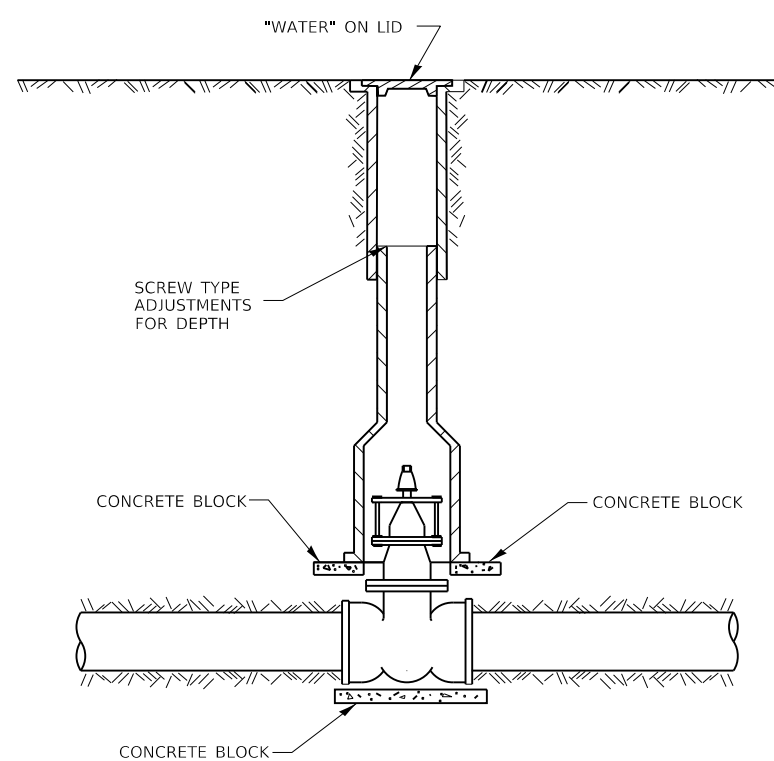
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	73
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				



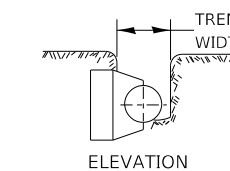
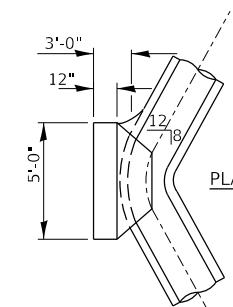
**TYPICAL HYDRANT INSTALLATION**



**TYPICAL SINGLE METER BOX INSTALLATION**



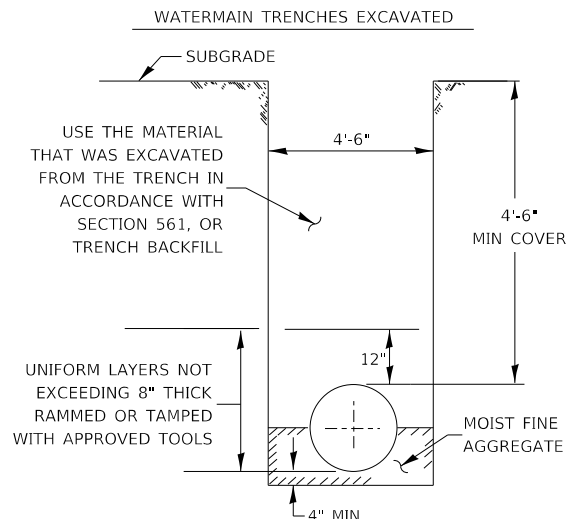
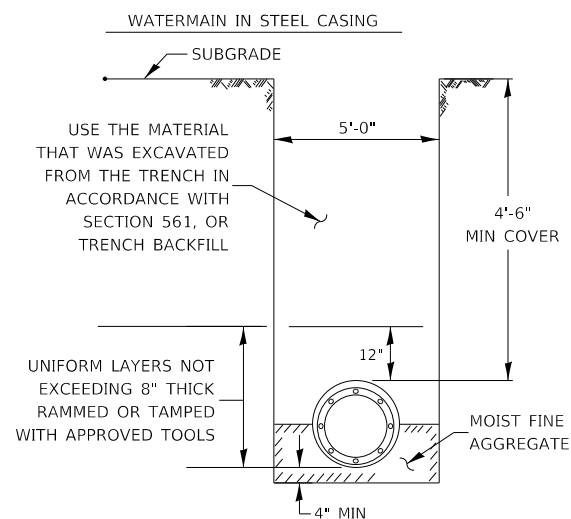
**TYPICAL VALVE BOX INSTALLATION**



**BEND BLOCKING**

11° 4'

**WATERMAIN INSTALLATION REQUIREMENTS**

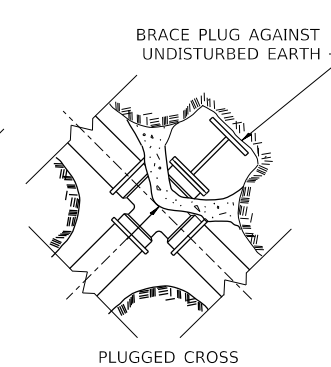
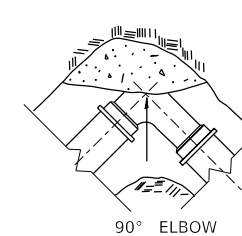
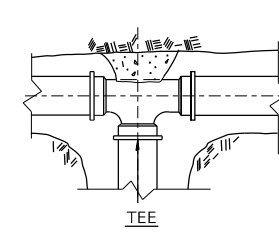
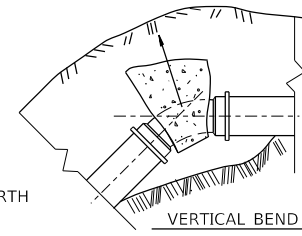
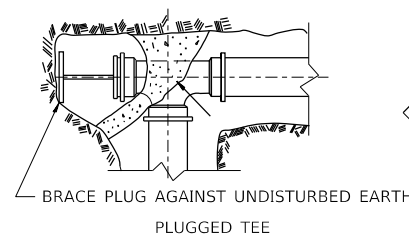


**GENERAL NOTES:**

1. ANY SOFT OR SPONGY MATERIAL ENCOUNTERED BELOW THE ELEVATION OF THE PIPE SHALL BE REMOVED AND REPLACED WITH WELL COMPACTED MOIST FINE AGGREGATE.
2. ANY ROCK ENCOUNTERED IN THE TRENCH SHALL BE REMOVED TO A DEPTH OF AT LEAST 8 INCHES BELOW THE PIPE GRADE AND REPLACED WITH WELL COMPACTED MOIST FINE AGGREGATE.
3. THE SIDES OF THE TRENCH MAY BE SLOPED OR BENCHED ABOVE A 5 FT TRENCH DEPTH OR ABOVE THE ELEVATION OR THE TOP OF PIPE, WHICHEVER IS GREATER, IN LIEU OF COMPLETE SHORING OR SHEETING OF THE FULL TRENCH DEPTH.

**BACKFILL OPTIONS:**

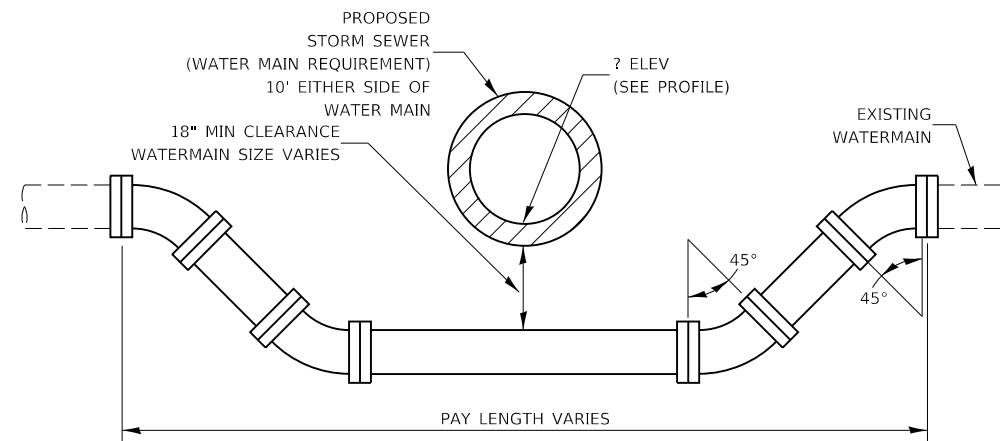
- METHOD 1: UNIFORM LAYERS NOT EXCEEDING 12" THICK RAMMED OR TAMPED WITH APPROVED TOOLS
- METHOD 2: UNIFORM LAYERS NOT EXCEEDING 12" THICK INUNDATED OR DEPOSITED IN WATER
- METHOD 3: FILL TRENCH WITH LOOSE MATERIAL THEN JET WITH WATER, 6 FT MINIMUM SPACING OF HOLES



**NOTES:**

- ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH.
- ALL BLOCKING SHALL BE 3,000 PSI POURED CONCRETE.
- ARROWS INDICATE DIRECTION OF THRUST.
- ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.

**TYPICAL THRUST BLOCK INSTALLATIONS**



**ADJUSTING WATERMAIN DETAIL**

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DATE - 02/26/18

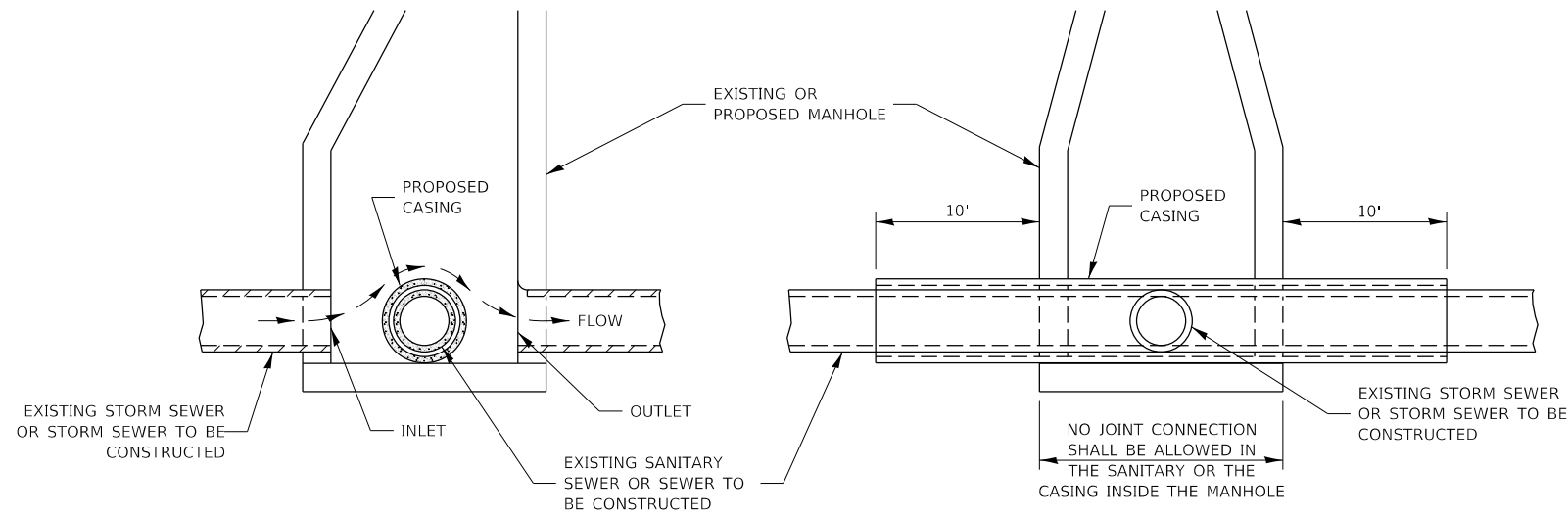
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 3 DETAILS**

SCALE: SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	74
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

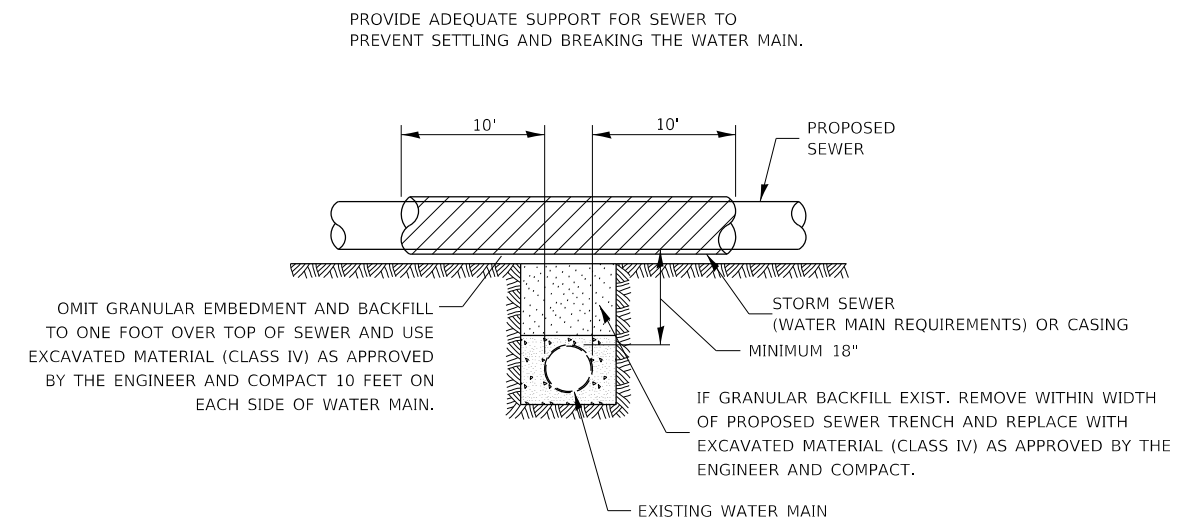


ELEVATION - ECCENTRIC

ELEVATION - CONCENTRIC

CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

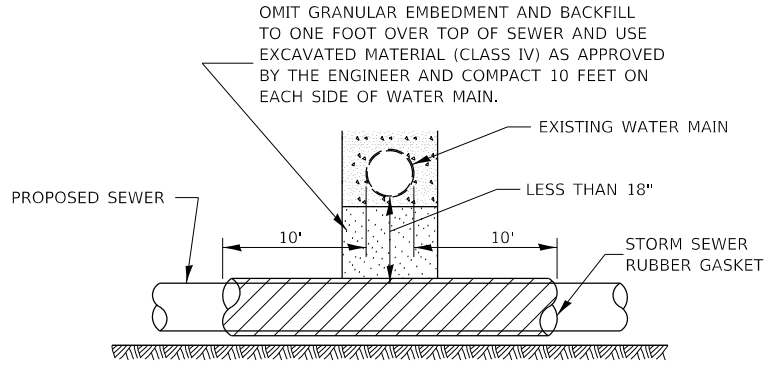
**AT GRADE CROSSING OF SANITARY AND STORM SEWER**



CASING SHALL BE OF WATERMAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

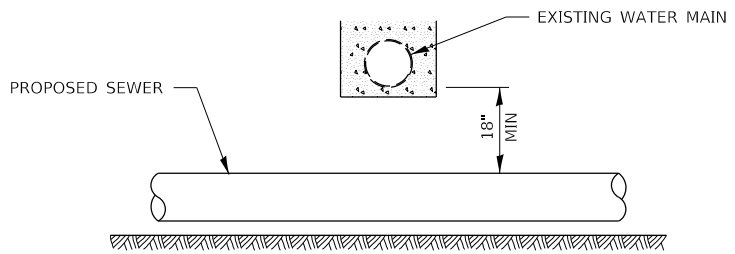
**PROPOSED SEWER LINE WITH MINIMUM 18" VERTICAL SEPARATION ABOVE EXISTING WATERMAIN**

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN  
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10' HORIZONTALLY

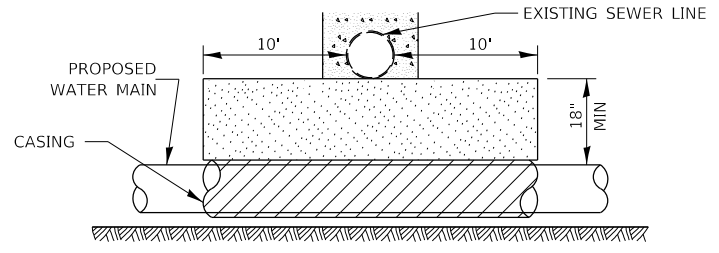


**PROPOSED SEWER LINE BELOW EXISTING WATER MAIN**

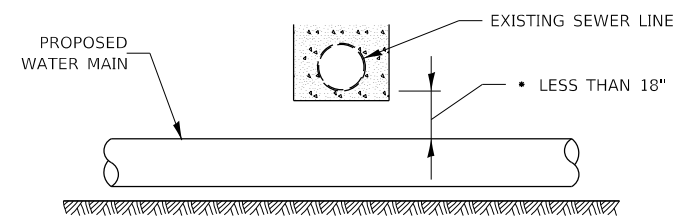
PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.

IF GRANULAR BACK FILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER TRENCH AND REPLACE WITH EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT.

OMIT GRANULAR EMBEDMENT AND BACKFILL TO ONE FOOT OVER TOP OF WATER MAIN AND USE EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT FOR 10' EITHERSIDE OF SEWER LINE.



CASING SHALL BE OF WATER MAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

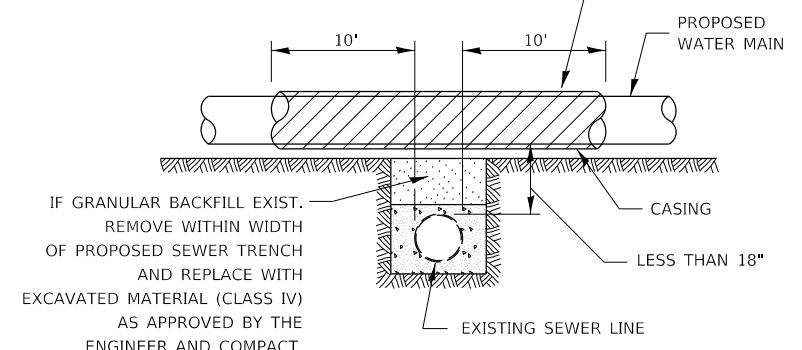


**PROPOSED WATER MAIN BELOW EXISTING SEWER LINE**

D3 DETAIL 563-4

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

OMIT GRANULAR EMBEDMENT AND BACKFILL TO ONE FOOT OVER TOP OF SEWER AND USE EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT 10 FEET ON EACH SIDE OF WATER MAIN.



CASING SHALL BE OF WATERMAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

**PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE**

FILE NAME = W:\Projects\2017\170192\_Amlec\cadd\cadd\DWG\SH1170192-DT-03\_09.dgn



WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

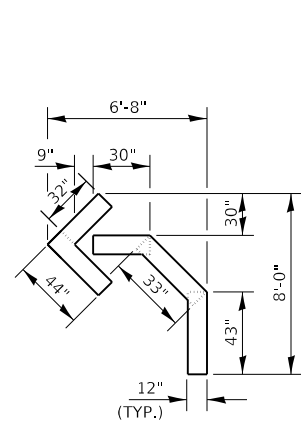
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PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/26/2018	CHECKED -	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

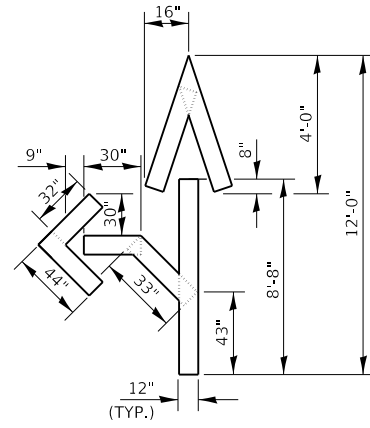
DISTRICT 3 DETAILS

SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.

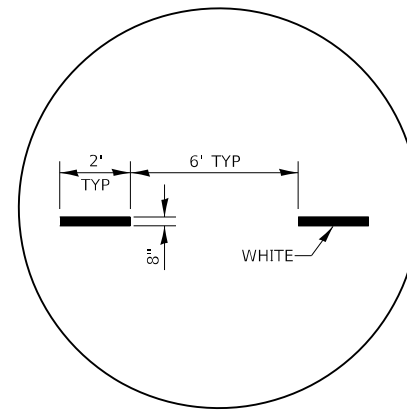
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	75
				CONTRACT NO. 87664
ILLINOIS FED. AID PROJECT				



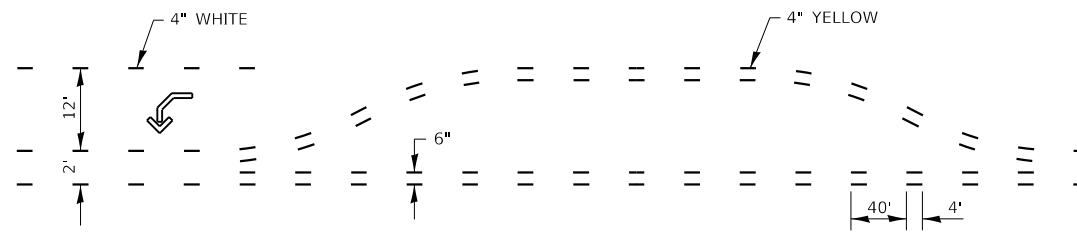
QUANTITY  
12" LINE = 16 LIN FT  
OR 4" LINE = 48 LIN FT



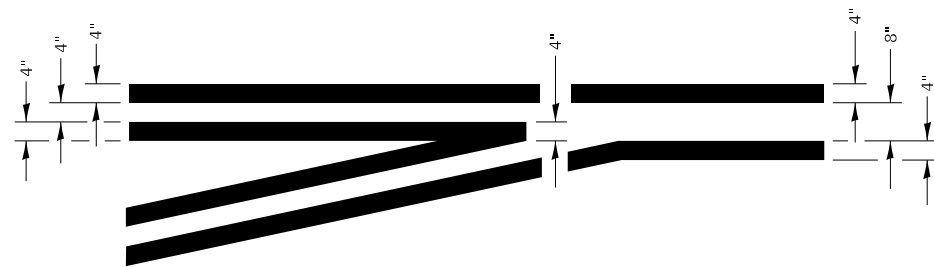
QUANTITY  
12" LINE = 29 LIN FT  
OR 4" LINE = 87 LIN FT



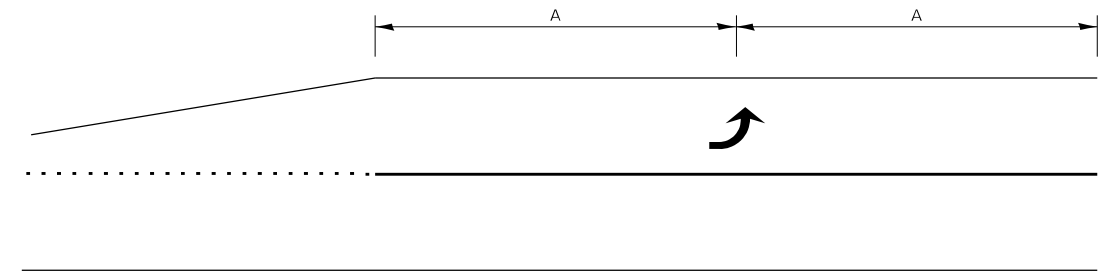
ADVANCE AND INTERSECTION LANE  
DIVIDER LINES  
D3 DETAIL 780-5



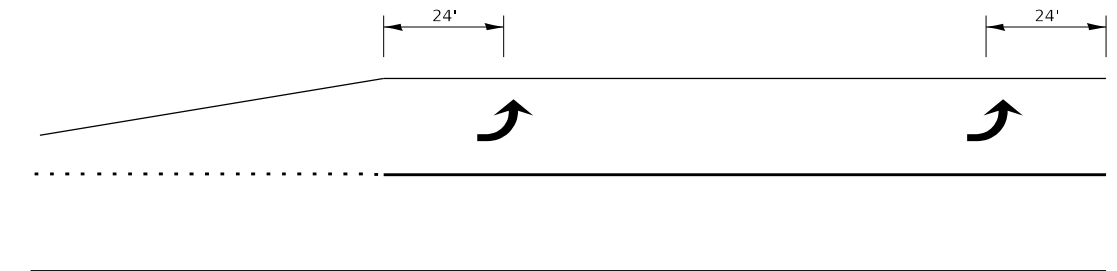
SHORT-TERM PAVEMENT MARKING  
FOR MEDIANS AND ARROWS  
D3 DETAIL 703-1



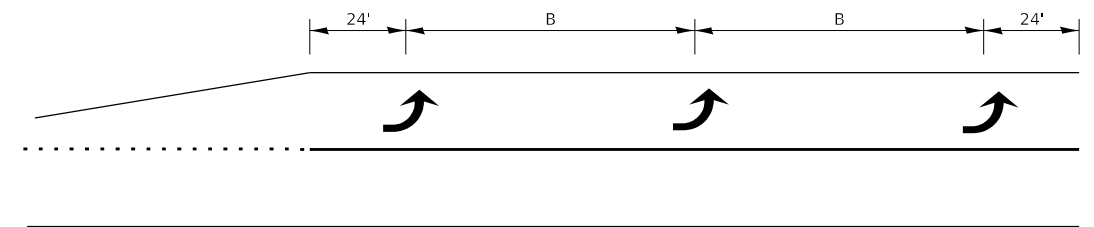
LEFT TURN LANE  
TYPICAL APPLICATION  
D3 DETAIL 780-1



99' AND UNDER



100' TO 149'



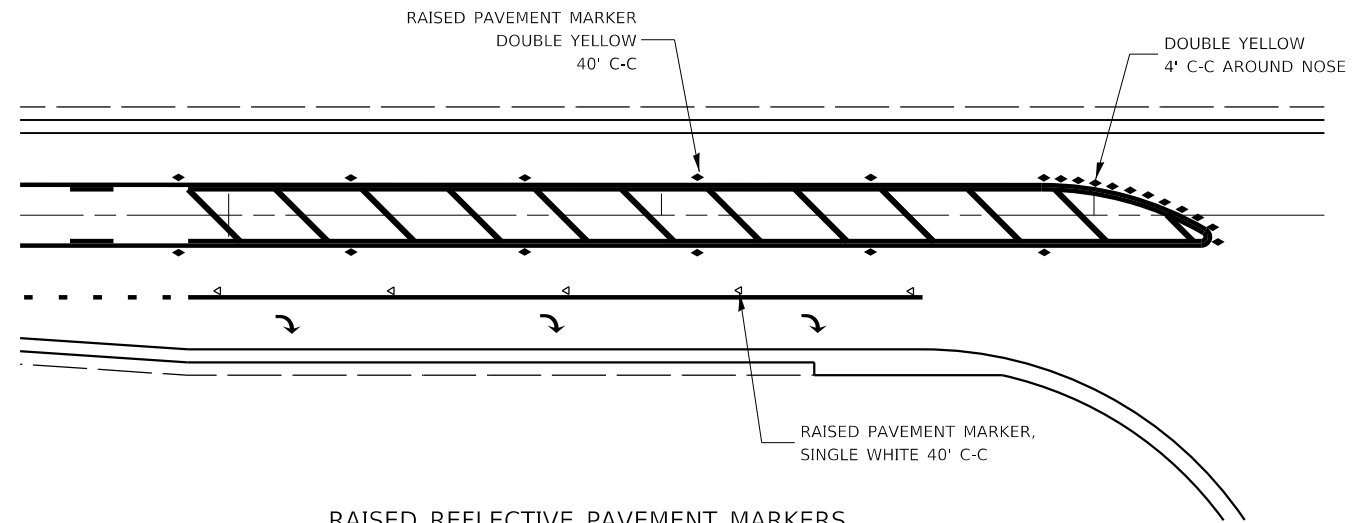
150' AND LONGER

TYPICAL PLACEMENT OF ARROWS  
IN TURN LANES  
D3 DETAIL 780-10

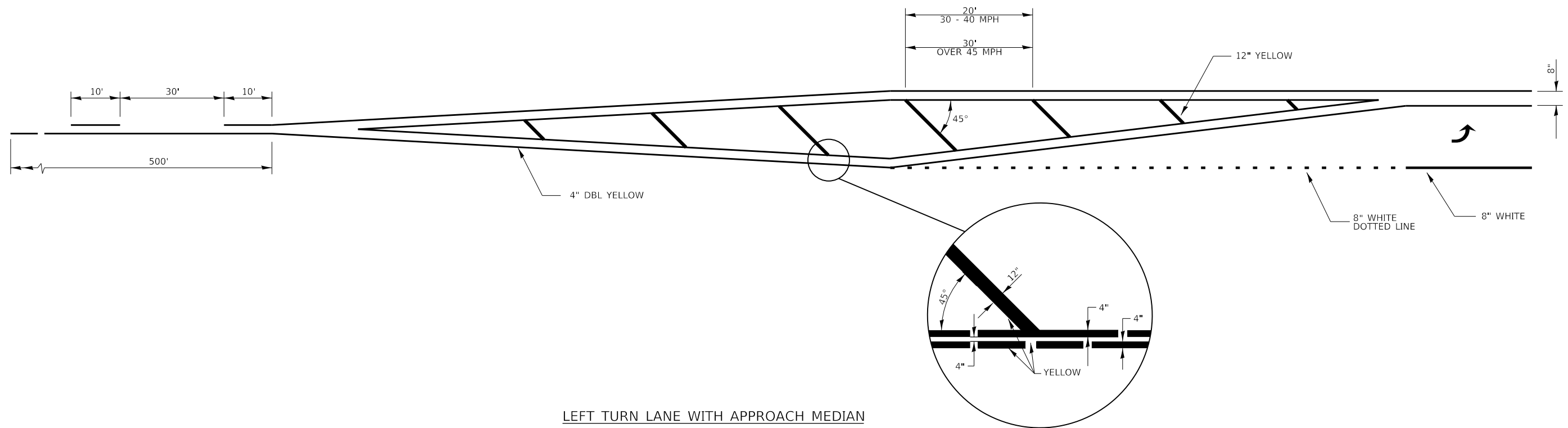
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PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/26/2018	CHECKED -	REVISED -
	DATE = 02/26/18	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	76
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				



RAISED REFLECTIVE PAVEMENT MARKERS  
AT RIGHT TURN LANE  
D3 DETAIL 781-1



LEFT TURN LANE WITH APPROACH MEDIAN  
D3 DETAIL 780-19

FILE NAME = W:\Projects\2017\170192\_Amlec\Gis\Drawings\Plan\Detail\781-1.dgn

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WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

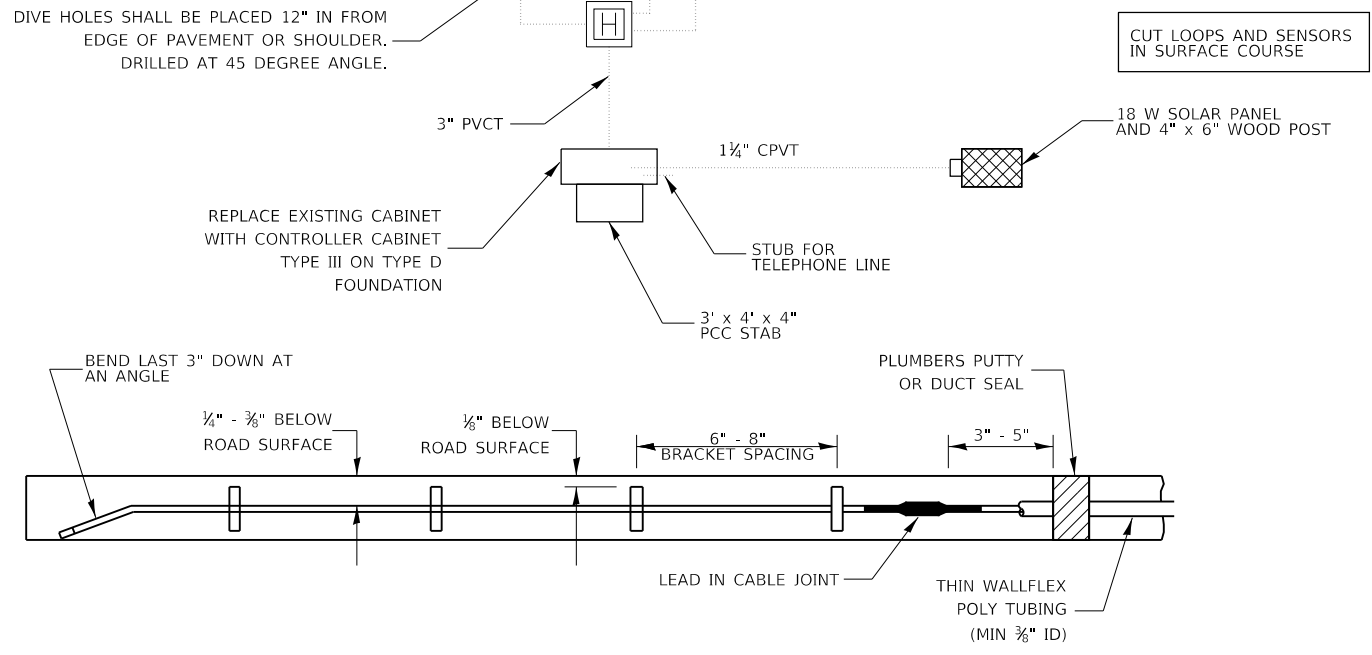
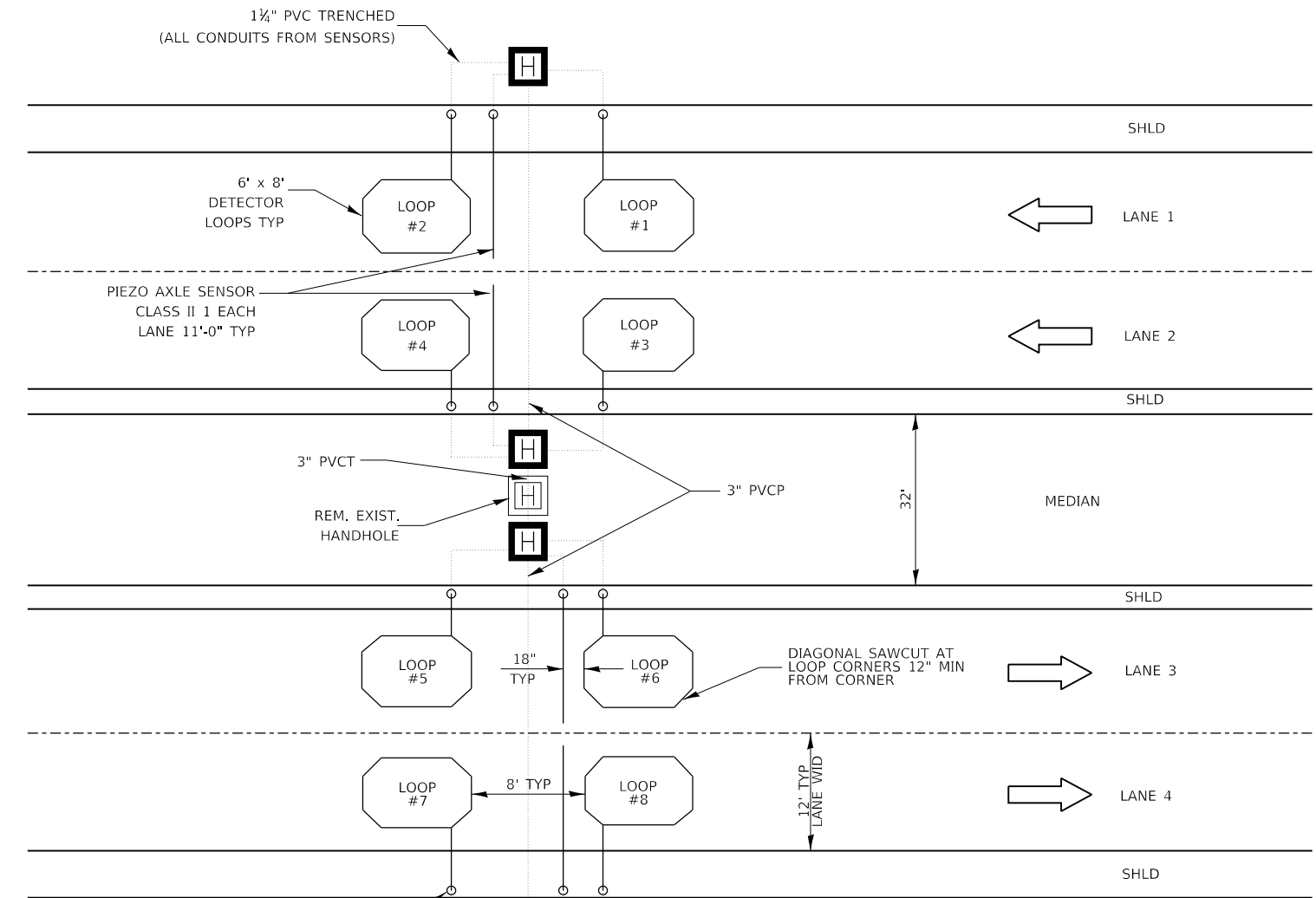
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	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

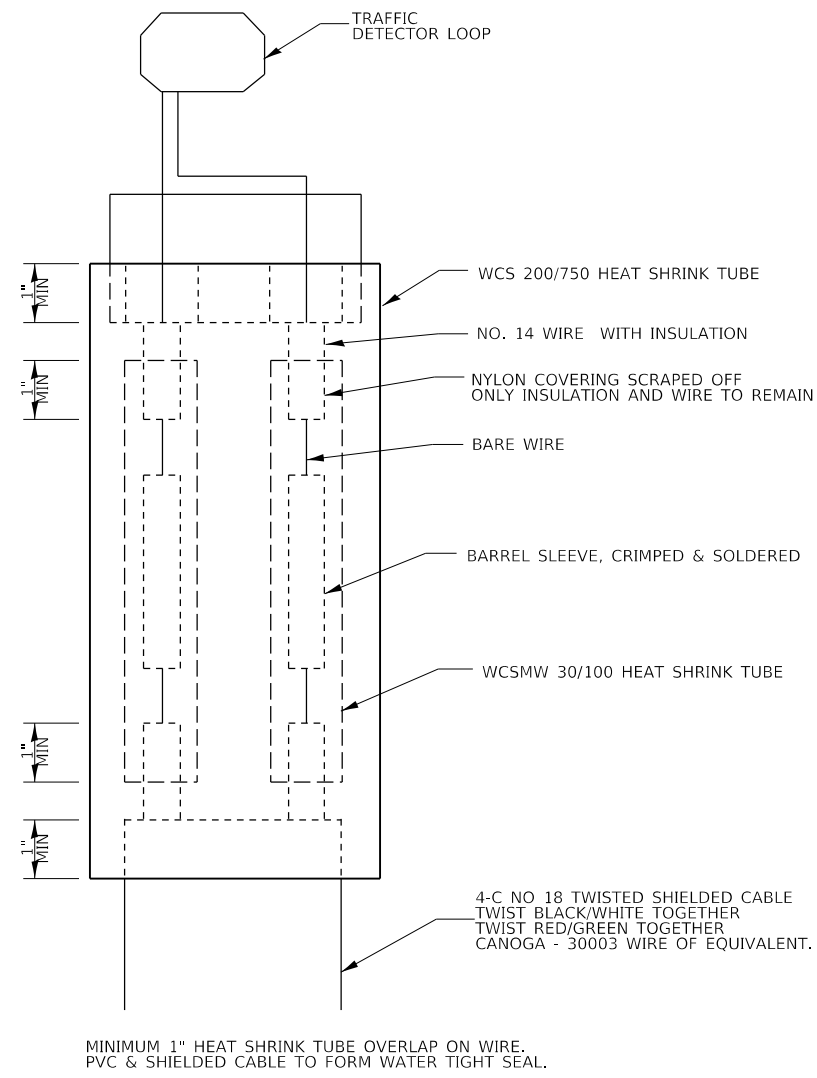
**DISTRICT 3 DETAILS**

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

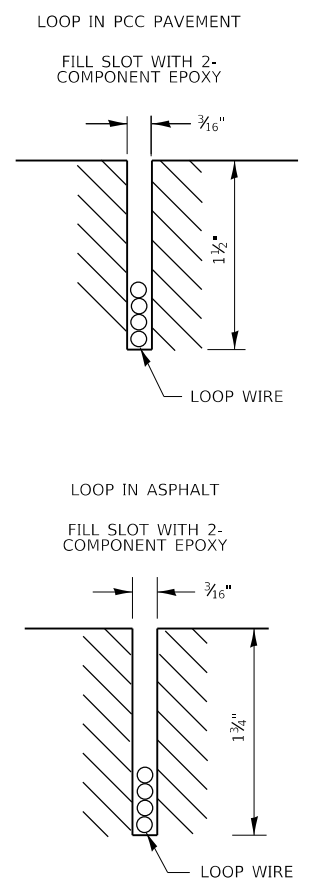
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	77
CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				



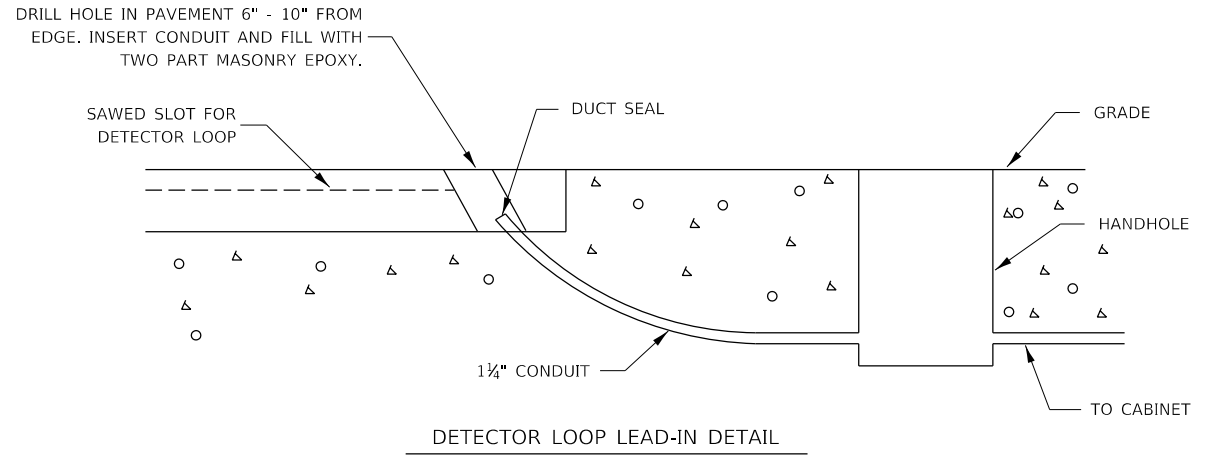
DETECTOR LOOP DETAILS  
D3 DETAIL 886-2



LOOP SPLICING REQUIREMENTS



DETECTOR LOOP INSTALLATION



DETECTOR LOOP LEAD-IN DETAIL

FILE NAME = W:\Projects\2017\170192\_Amlec\glider\Falkview\PHILLIP\cadd\Civil\Dgn\Shil170192-DT-03\_12.dgn



**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/26/2018	CHECKED -	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 3 DETAILS**

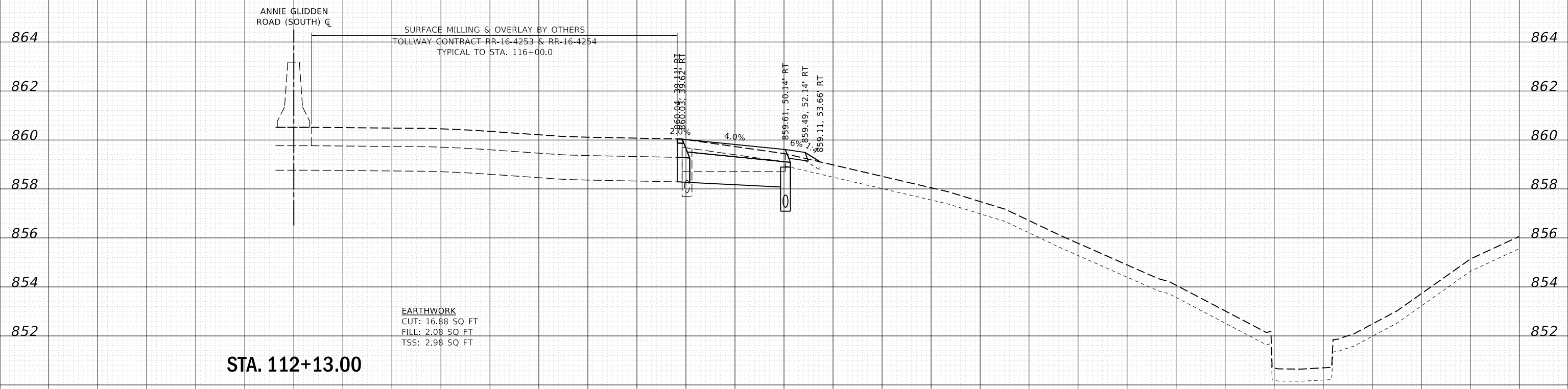
SCALE: SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 87664				
ILLINOIS FED. AID PROJECT				

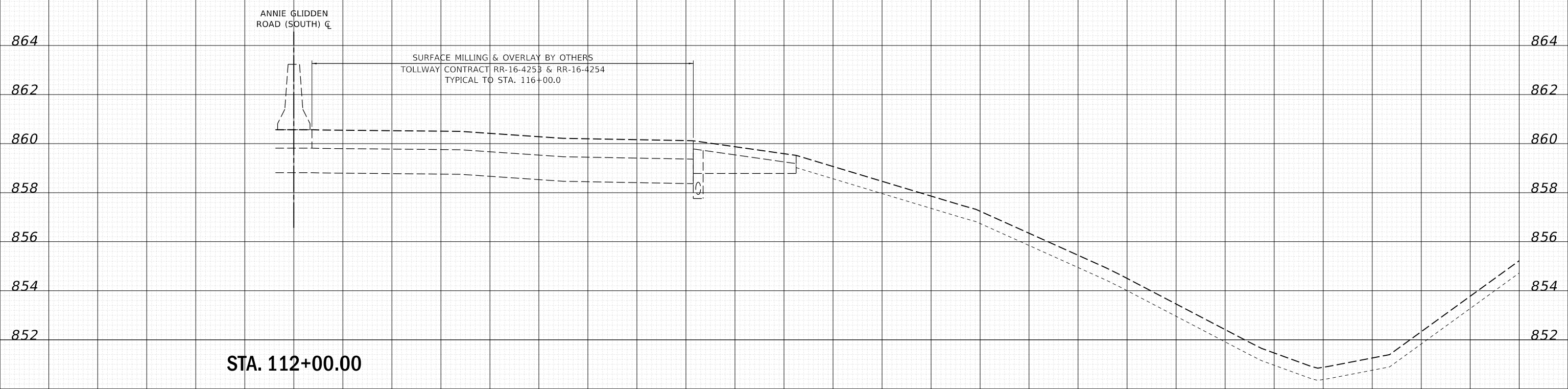
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

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



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



25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125

**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ANNE GLIDDEN ROAD (SOUTH)

SCALE: H:5 V:2 SHEET 1 OF 6 SHEETS STA. 112+00.00 TO STA. 112+13.00

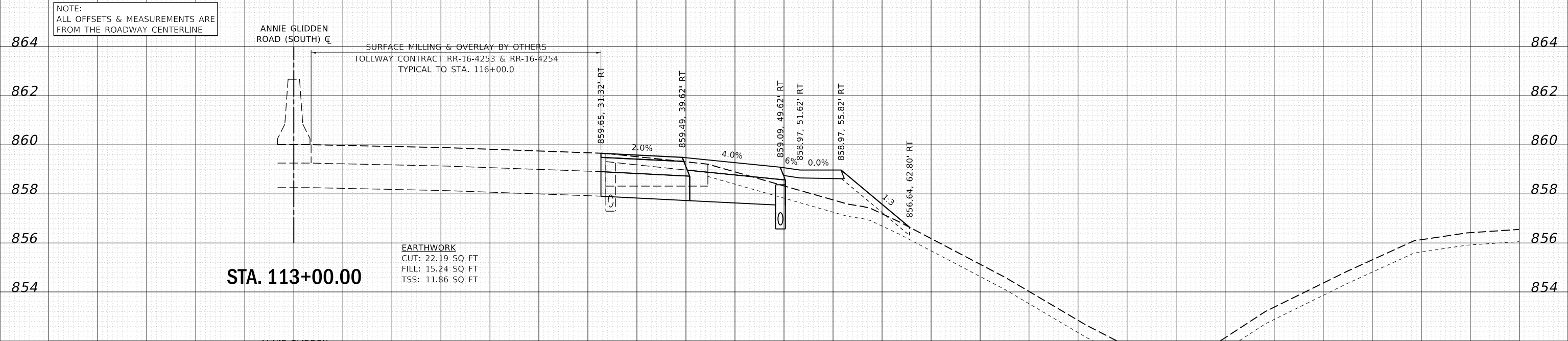
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CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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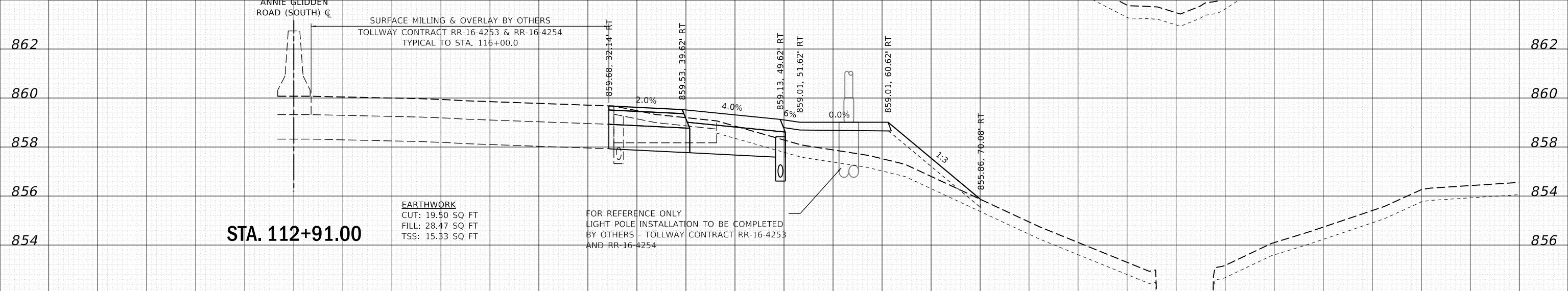
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE FROM THE ROADWAY CENTERLINE

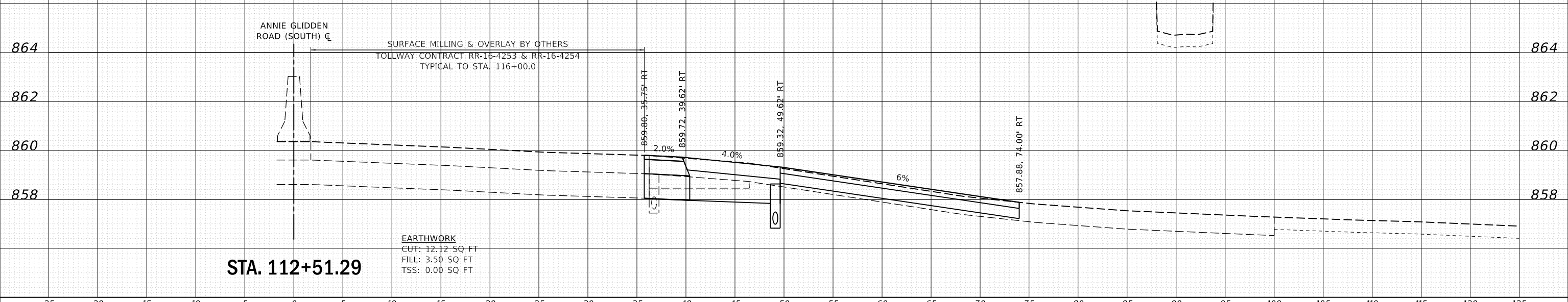
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BY	
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FINISHED SURVEY	
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AREAS CHECKED	



DATE	
BY	
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ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	



DATE	
BY	
NO.	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	



**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ANNIE GLIDDEN ROAD (SOUTH)**

SCALE: H:5 V:2    SHEET 2 OF 6 SHEETS    STA. 112+51.29 TO STA. 113+00.00

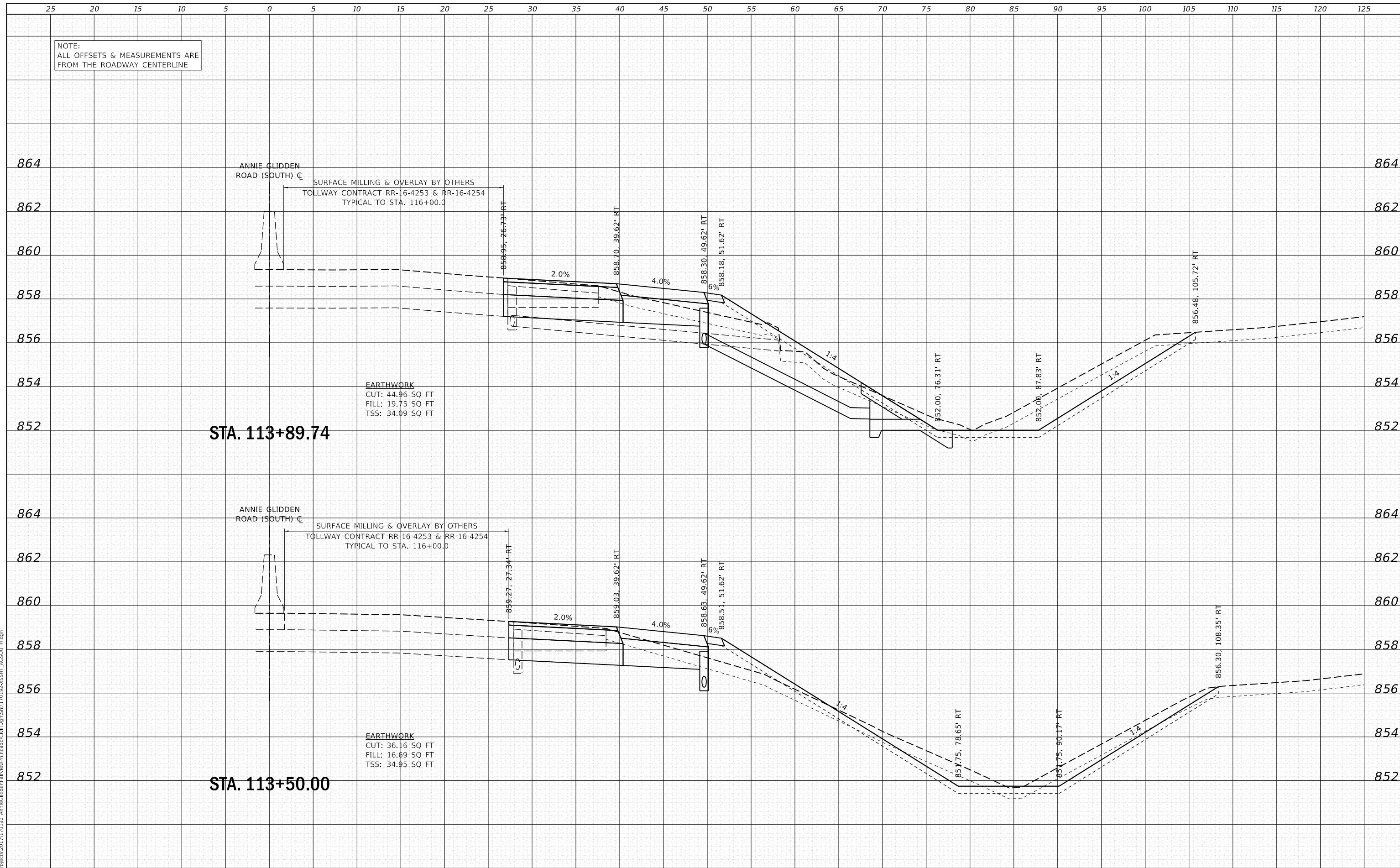
F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 80
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	



NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

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

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



STA. 113+89.74

STA. 113+50.00

EARTHWORK  
CUT: 44.96 SQ FT  
FILL: 19.75 SQ FT  
TSS: 34.09 SQ FT

EARTHWORK  
CUT: 36.16 SQ FT  
FILL: 16.69 SQ FT  
TSS: 34.95 SQ FT

SURFACE MILLING & OVERLAY BY OTHERS  
TOLLWAY CONTRACT RR-16-4253 & RR-16-4254  
TYPICAL TO STA. 116+00.0

SURFACE MILLING & OVERLAY BY OTHERS  
TOLLWAY CONTRACT RR-16-4253 & RR-16-4254  
TYPICAL TO STA. 116+00.0



WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ANNIE GLIDDEN ROAD (SOUTH)

SCALE: H:5 V:2 SHEET 3 OF 6 SHEETS STA. 113+50.00 TO STA. 113+89.74

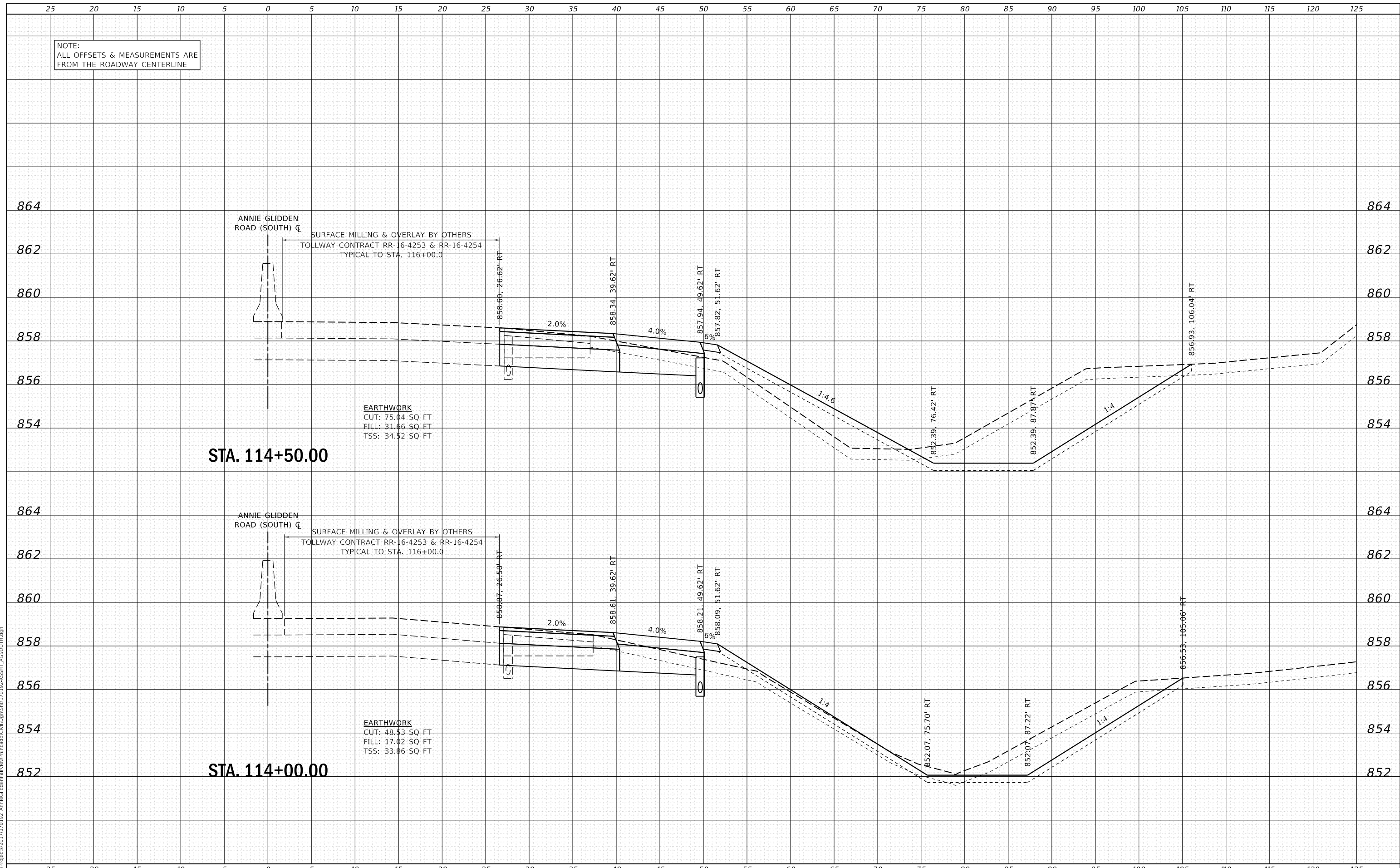
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	81
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



STA. 114+50.00

STA. 114+00.00

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WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparis	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ANNIE GLIDDEN ROAD (SOUTH)

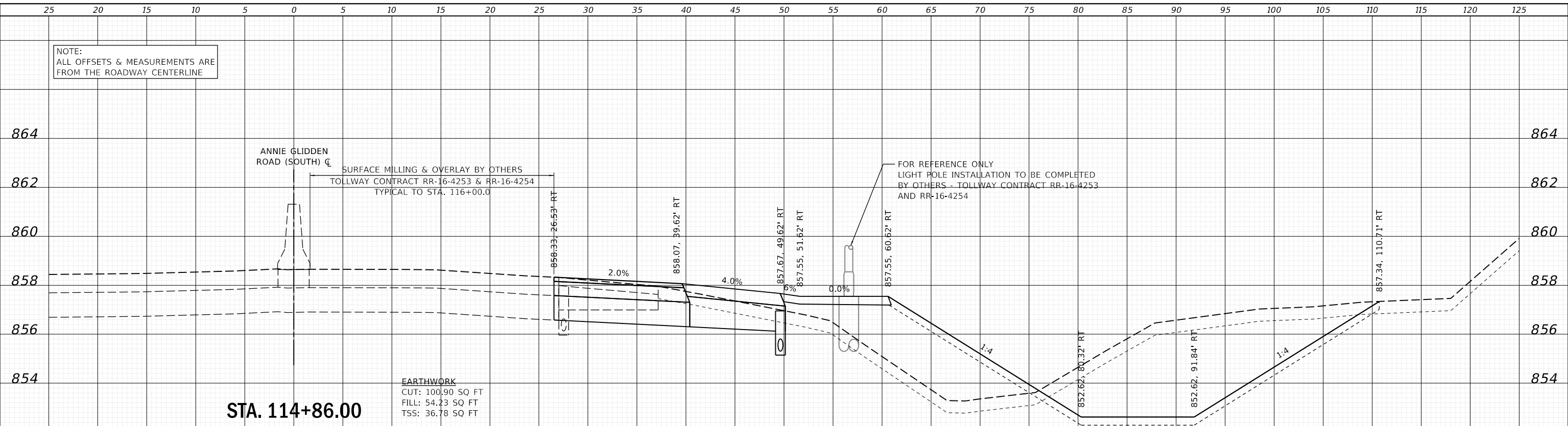
SCALE: H:5 V:2 SHEET 4 OF 6 SHEETS STA. 114+00.00 TO STA. 114+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

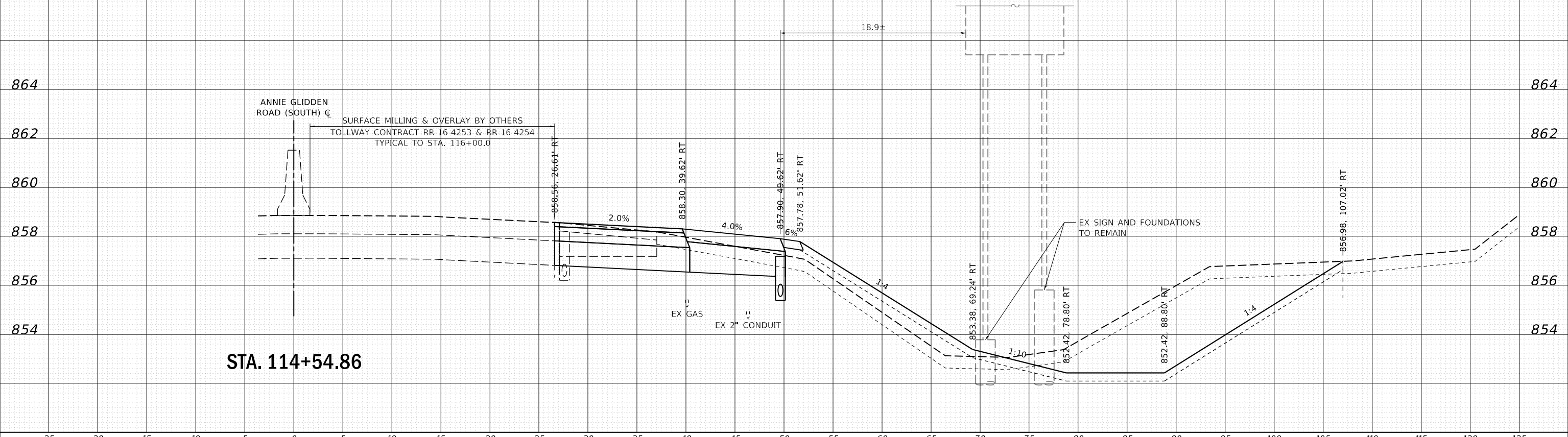
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
NO.	



**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME =	nparis	DESIGNED -	SBP	REVISED -	
		DRAWN -	NDP	REVISED -	
PLOT SCALE =	1:10	CHECKED -	MNB	REVISED -	
PLOT DATE =	2/26/2018	DATE -	02/26/18	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ANNIE GLIDDEN ROAD (SOUTH)

SCALE: H:5 V:2 SHEET 5 OF 6 SHEETS STA. 114+71.00 TO STA. 115+00.00

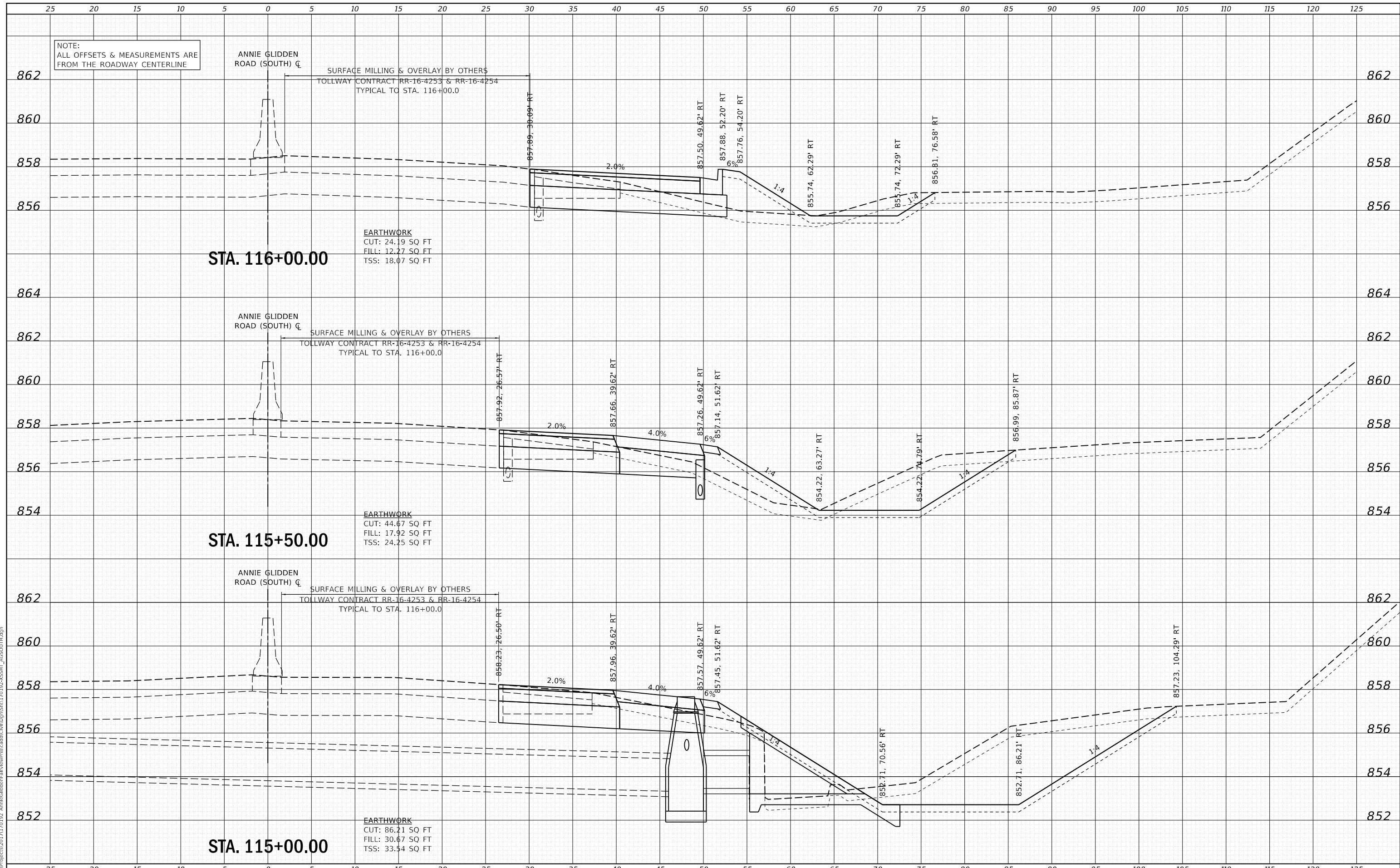
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	83
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

FILE NAME = W:\Projects\2017\170192 - Annie Glidden Road\Drawings\170192-ASSHT\_065SOUTH.dwg

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

FILE NAME = W:\Projects\2017\170102\_AnnieGlidden\Drawings\170102\_ASSHT\_06SOUTH.dwg



**STA. 116+00.00**

**STA. 115+50.00**

**STA. 115+00.00**

**EARTHWORK**  
 CUT: 24.19 SQ FT  
 FILL: 12.27 SQ FT  
 TSS: 18.07 SQ FT

**EARTHWORK**  
 CUT: 44.67 SQ FT  
 FILL: 17.92 SQ FT  
 TSS: 24.25 SQ FT

**EARTHWORK**  
 CUT: 86.21 SQ FT  
 FILL: 30.67 SQ FT  
 TSS: 33.54 SQ FT

**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

DESIGNED	- SBP	REVISED	-
DRAWN	- NDP	REVISED	-
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DATE	- 02/26/18	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

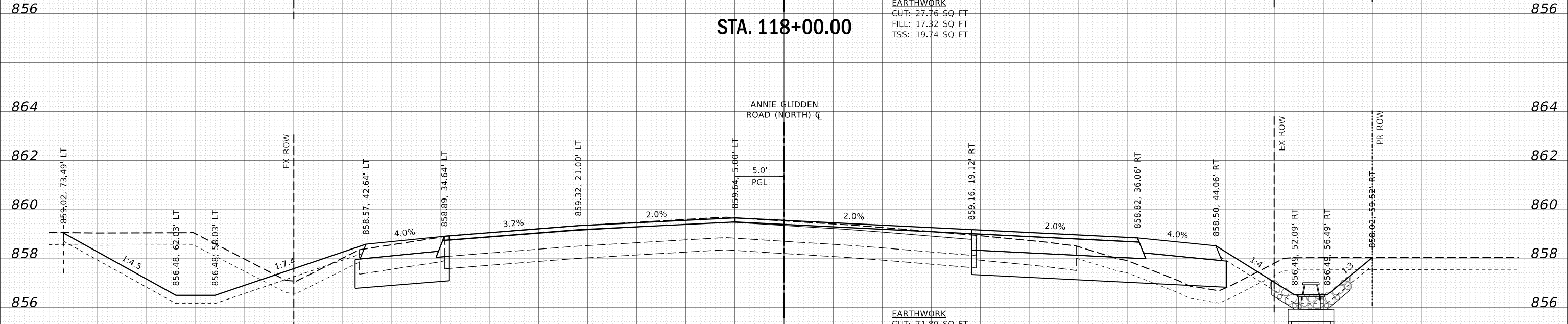
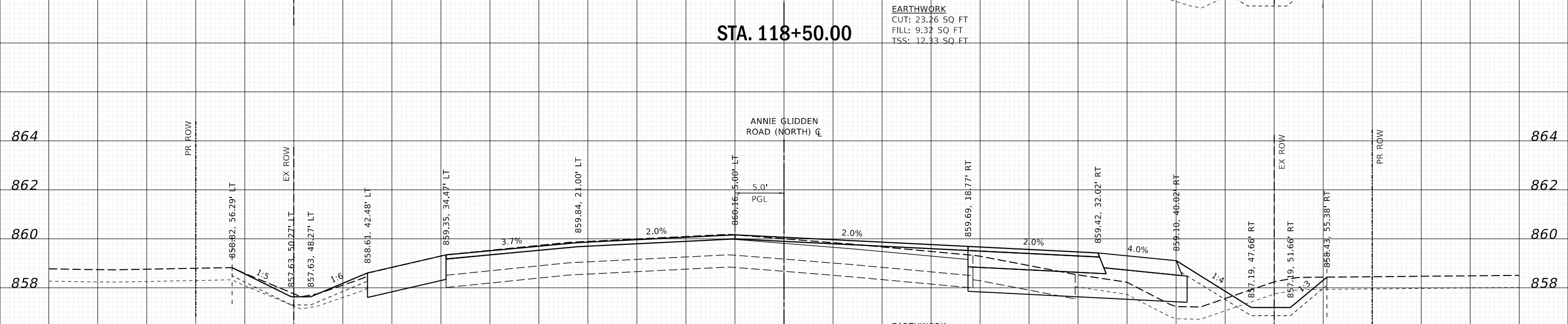
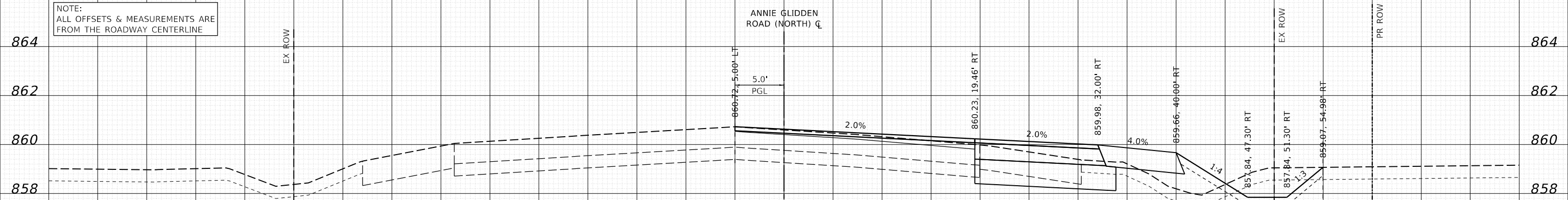
**CROSS SECTIONS  
 ANNIE GLIDDEN ROAD (SOUTH)**

SCALE: H:5 V:2 SHEET 6 OF 6 SHEETS STA. 115+50.00 TO STA. 116+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	84
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE FROM THE ROADWAY CENTERLINE



75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

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**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

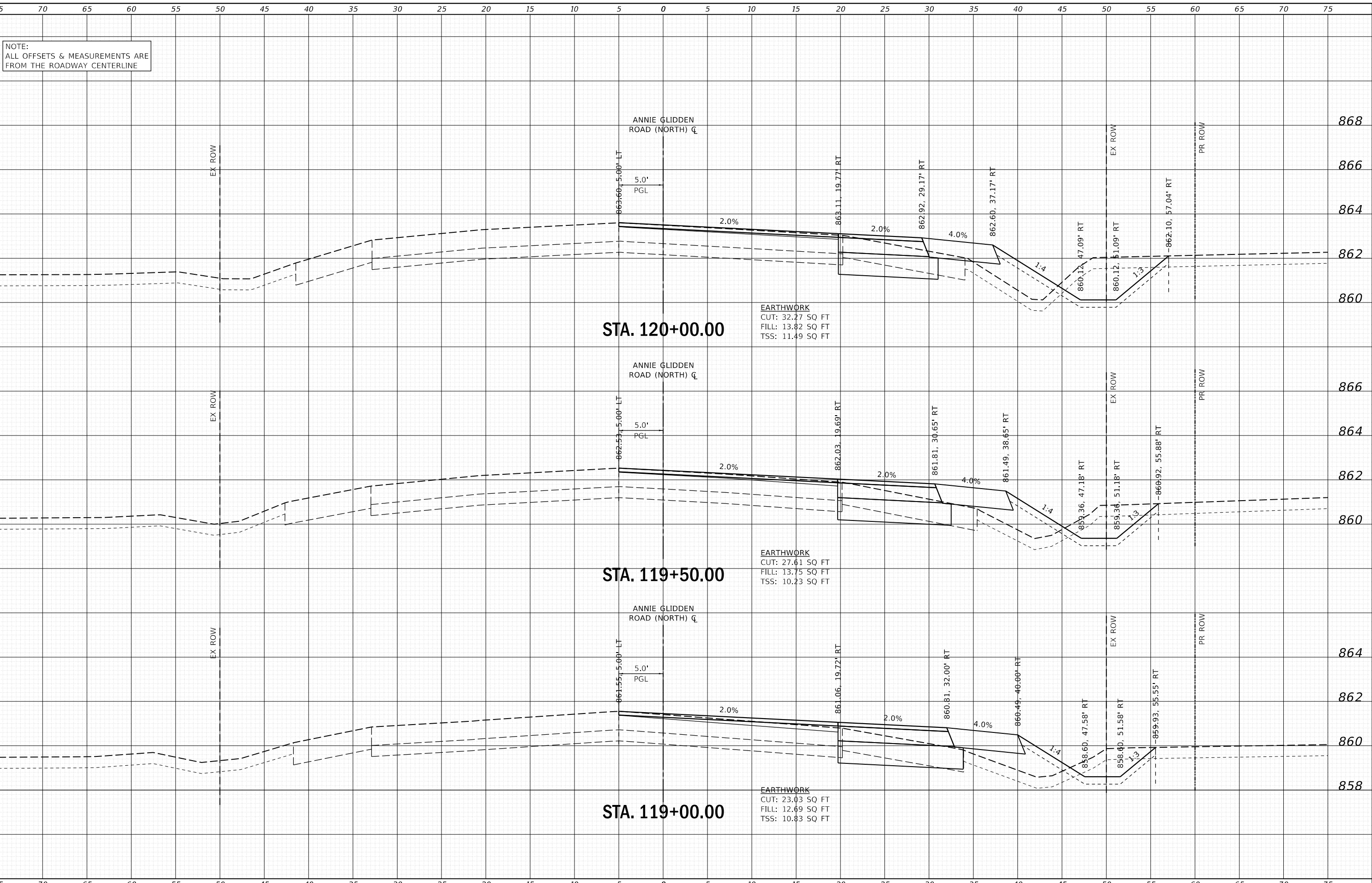
USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ANNIE GLIDDEN ROAD (NORTH)**

SCALE: H:5 V:2    SHEET 1 OF 5 SHEETS    STA. 117+50.00 TO STA. 118+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	85
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	



NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

**STA. 120+00.00**

**EARTHWORK**  
CUT: 32.27 SQ FT  
FILL: 13.82 SQ FT  
TSS: 11.49 SQ FT

**STA. 119+50.00**

**EARTHWORK**  
CUT: 27.61 SQ FT  
FILL: 13.75 SQ FT  
TSS: 10.23 SQ FT

**STA. 119+00.00**

**EARTHWORK**  
CUT: 23.03 SQ FT  
FILL: 12.69 SQ FT  
TSS: 10.83 SQ FT

DATE	
BY	
NO.	
FINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

FILE NAME = W:\Projects\2017\170102 - Annie Glidden Road\Drawings\170102-ASSHT\_ASNORTH.dwg

**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ANNIE GLIDDEN ROAD (NORTH)**

SCALE: H:5 V:2    SHEET 2 OF 5 SHEETS    STA. 119+00.00 TO STA. 120+00.00

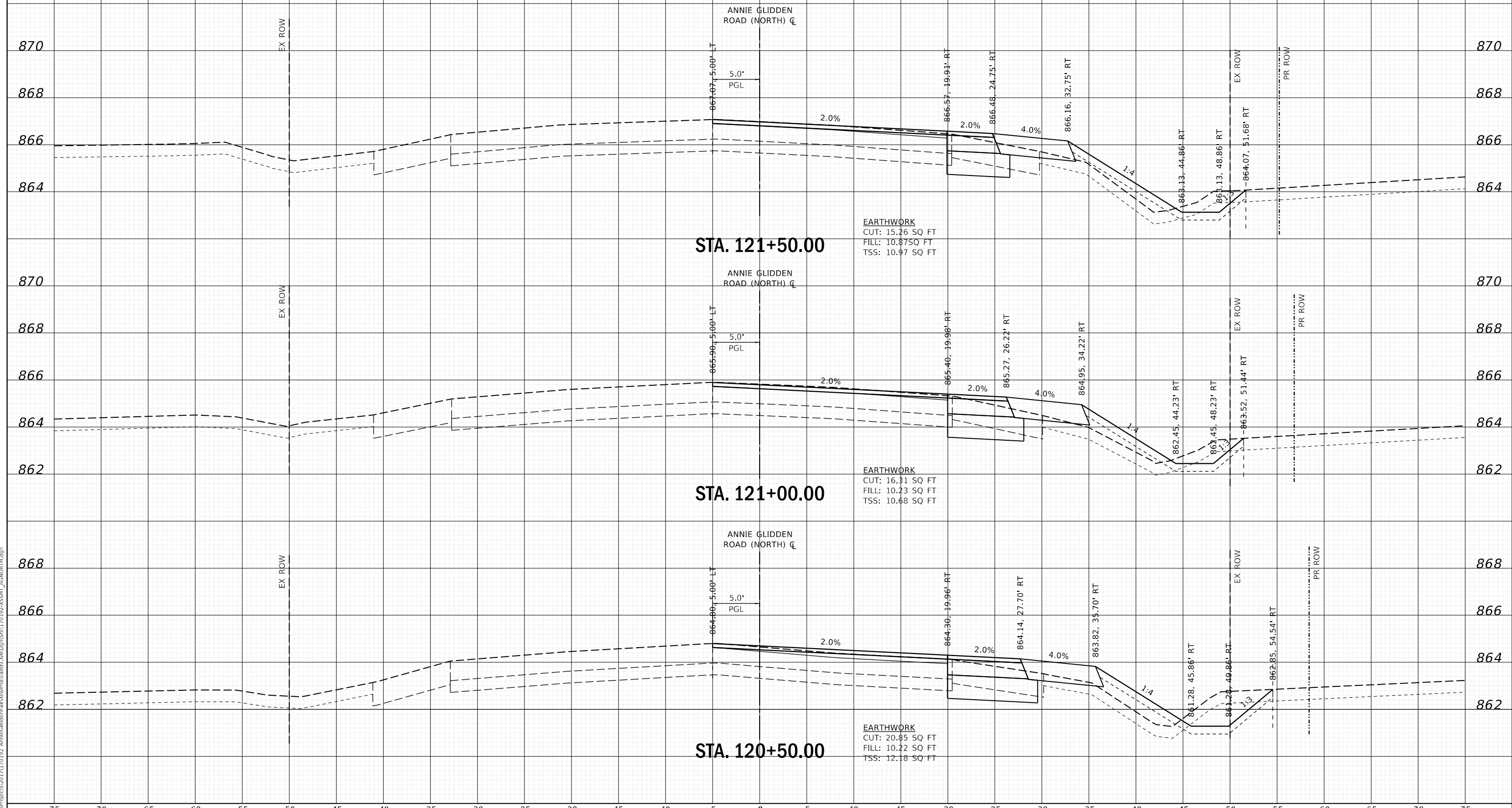
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	86
				CONTRACT NO. 87664
ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 02/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ANNIE GLIDDEN ROAD (NORTH)**

SCALE: H:5 V:2      SHEET 3 OF 5 SHEETS      STA. 120+50.00 TO STA. 121+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	87
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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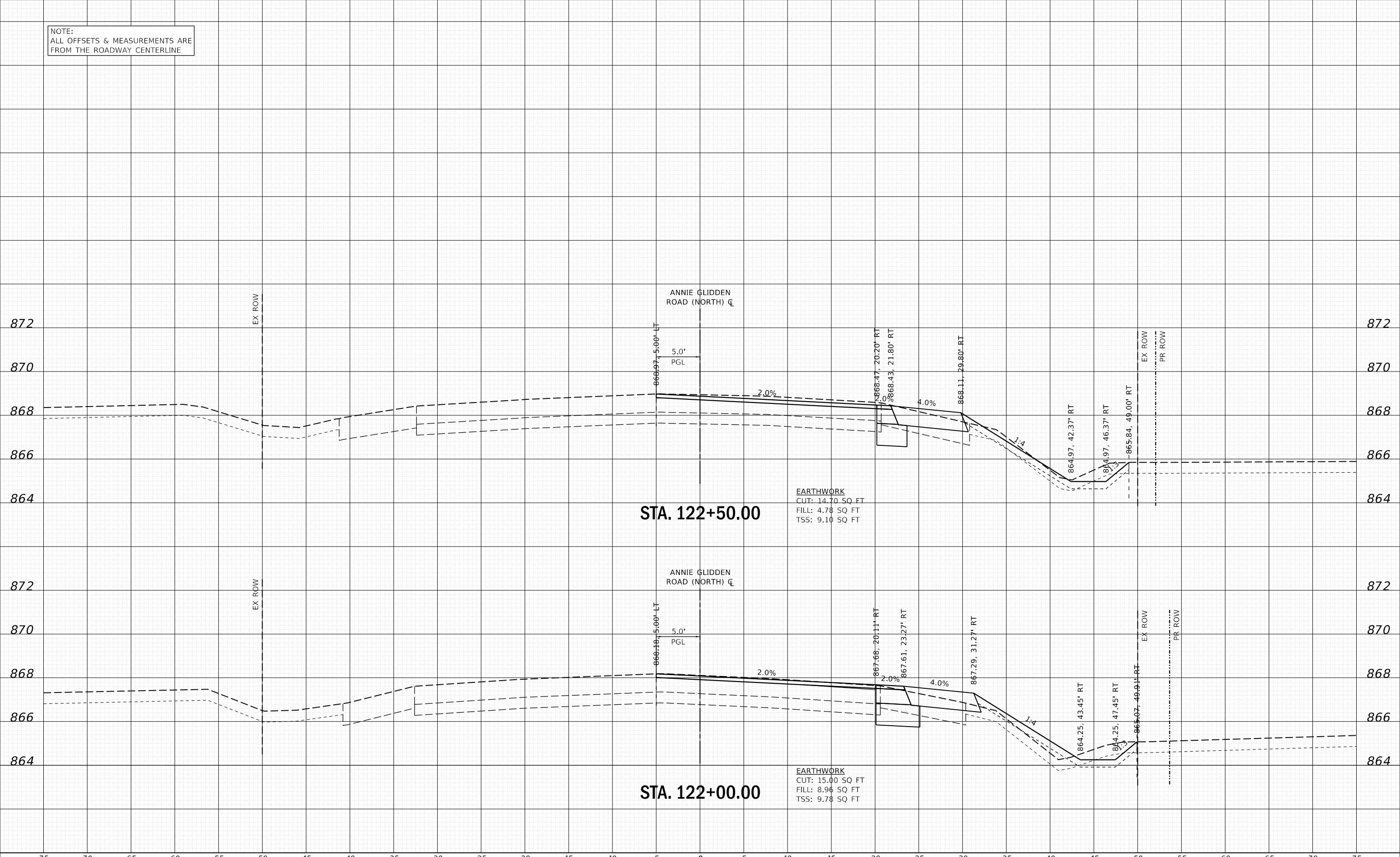
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

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

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

FILE NAME = W:\Projects\2017\170192 - Annie Glidden\Drawings\170192-ASSHT\_ASNORTH.dwg



STA. 122+50.00

EARTHWORK  
CUT: 14.70 SQ FT  
FILL: 4.78 SQ FT  
TSS: 9.10 SQ FT

STA. 122+00.00

EARTHWORK  
CUT: 15.00 SQ FT  
FILL: 8.96 SQ FT  
TSS: 9.78 SQ FT

**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

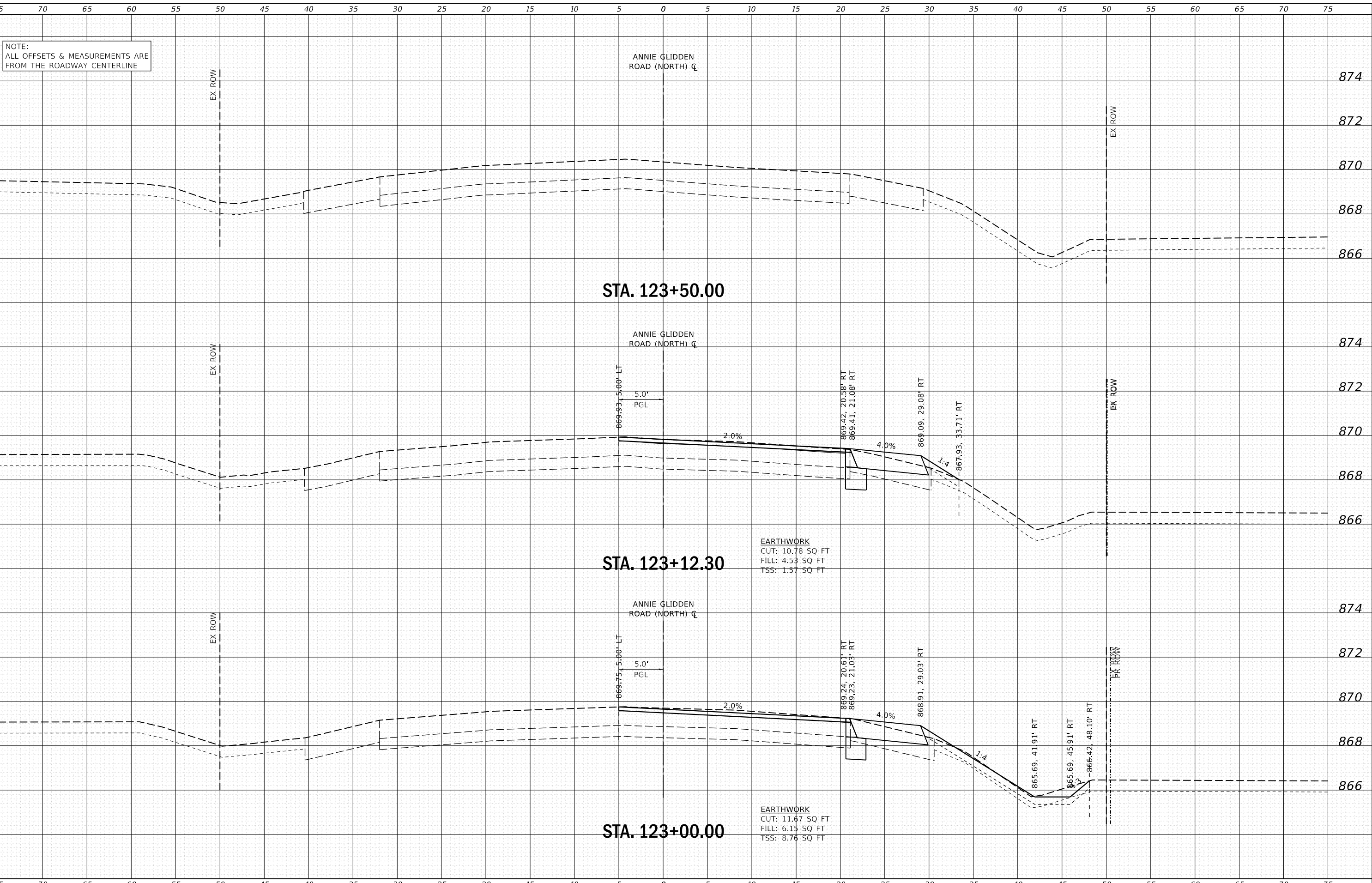
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
ANNIE GLIDDEN ROAD (NORTH)

SCALE: H:5 V:2 SHEET 4 OF 5 SHEETS STA. 122+00.00 TO STA. 122+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	88
				CONTRACT NO. 87664
ILLINOIS FED. AID PROJECT				





DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

FILE NAME = W:\Projects\2017\170192 - Annie Glidden Road\Drawings\170192-ASSHT\_123+00.00.dwg

**WBK engineering**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18
PLLOT SCALE	= 1:10
PLLOT DATE	= 2/26/2018

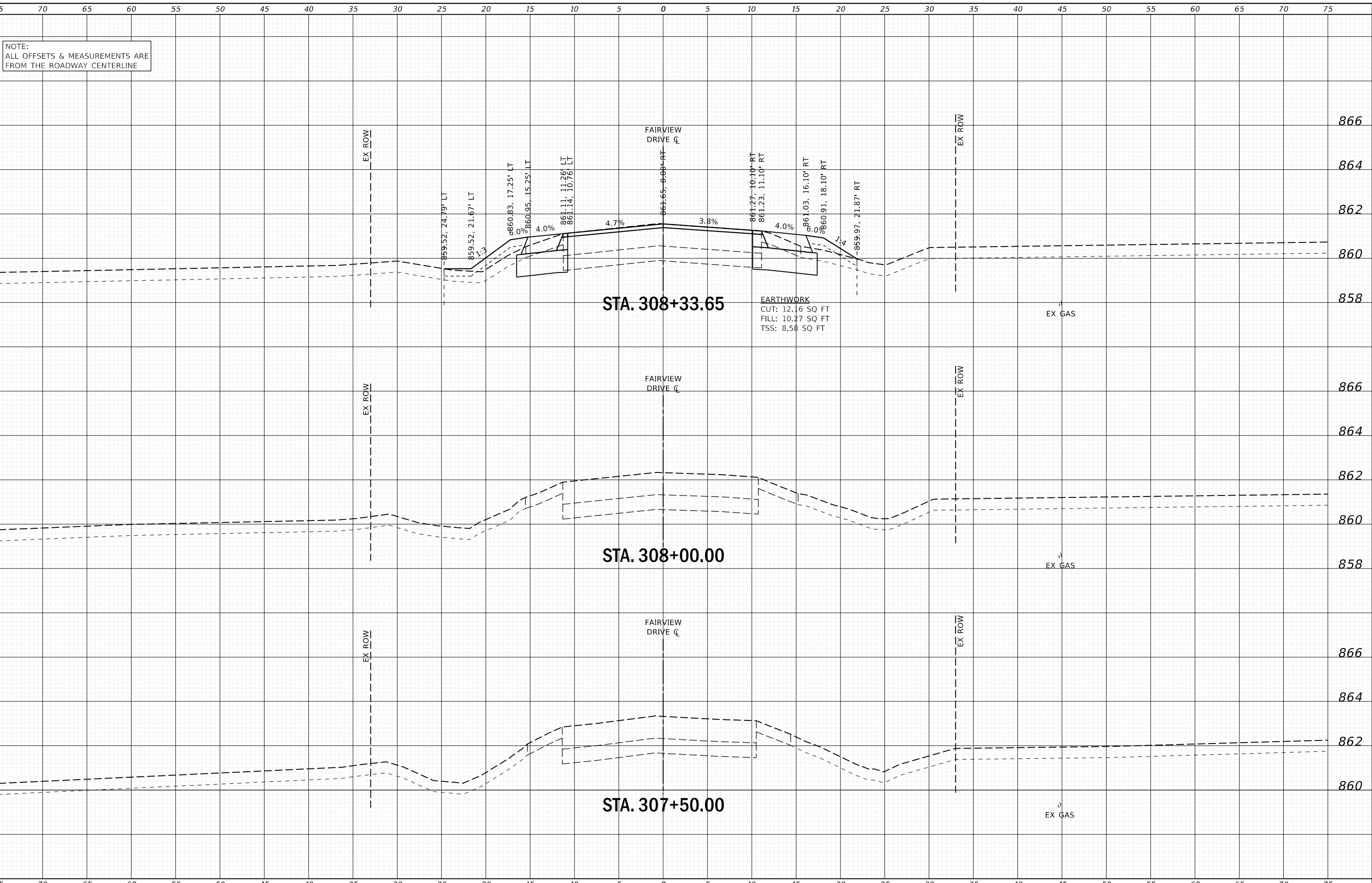
DESIGNED	- SBP	REVISED	-
DRAWN	- NDP	REVISED	-
CHECKED	- MNB	REVISED	-
DATE	- 02/26/18	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 ANNE GLIDDEN ROAD (NORTH)**

SCALE: H:5 V:2      SHEET 5 OF 5 SHEETS      STA. 123+00.00 TO STA. 123+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	89
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	



NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

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

DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME = W:\Projects\2017\170192\_Annex\GIS\Drawings\170192-ASSHT\_FAIRVIEW.dgn

**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME	= nparris
PLOT SCALE	= 1:10
PLOT DATE	= 2/26/2018

DESIGNED	- SBP	REVISED	-
DRAWN	- NDP	REVISED	-
CHECKED	- MNB	REVISED	-
DATE	- 02/26/18	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

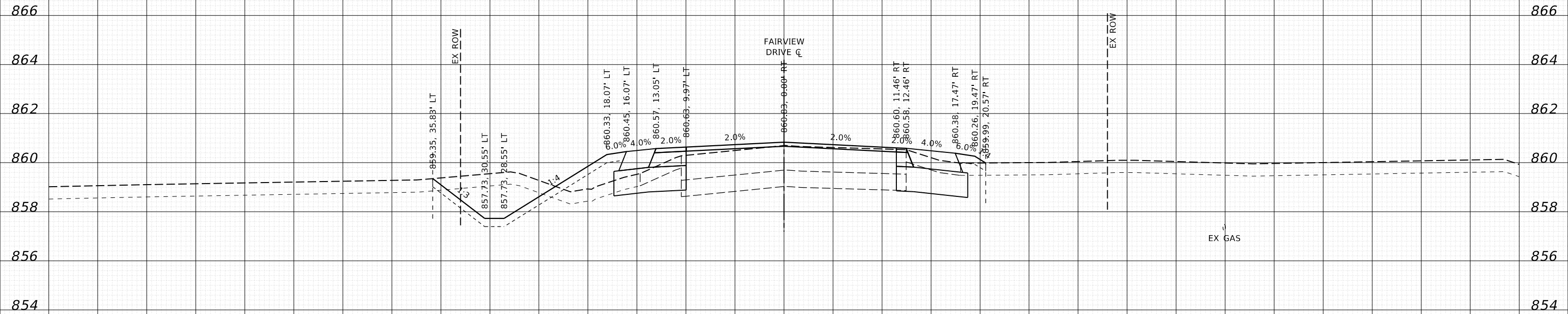
SCALE: H:5 V:2 SHEET 1 OF 14 SHEETS STA. 307+50.00 TO STA. 308+33.65

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	90
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

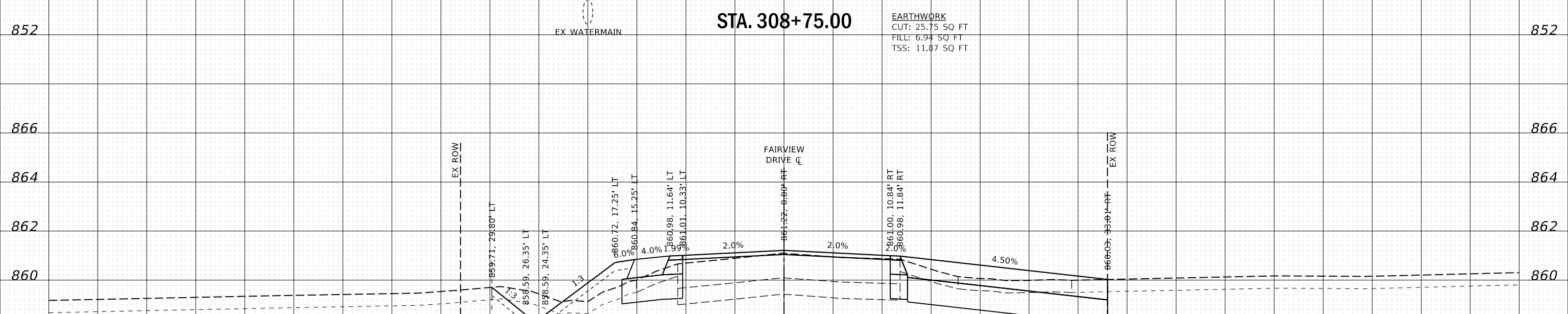
BY	DATE



STA. 308+75.00

EARTHWORK  
CUT: 25.75 SQ FT  
FILL: 6.94 SQ FT  
TSS: 11.87 SQ FT

BY	DATE



STA. 308+56.08

EARTHWORK  
CUT: 32.22 SQ FT  
FILL: 5.40 SQ FT  
TSS: 9.21 SQ FT



USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
PLOT SCALE	= 1:10
PLOT DATE	= 2/26/2018

REVIS	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

DATE	- 02/26/18
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 2 OF 14 SHEETS STA. 308+56.08 TO STA. 308+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	91
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

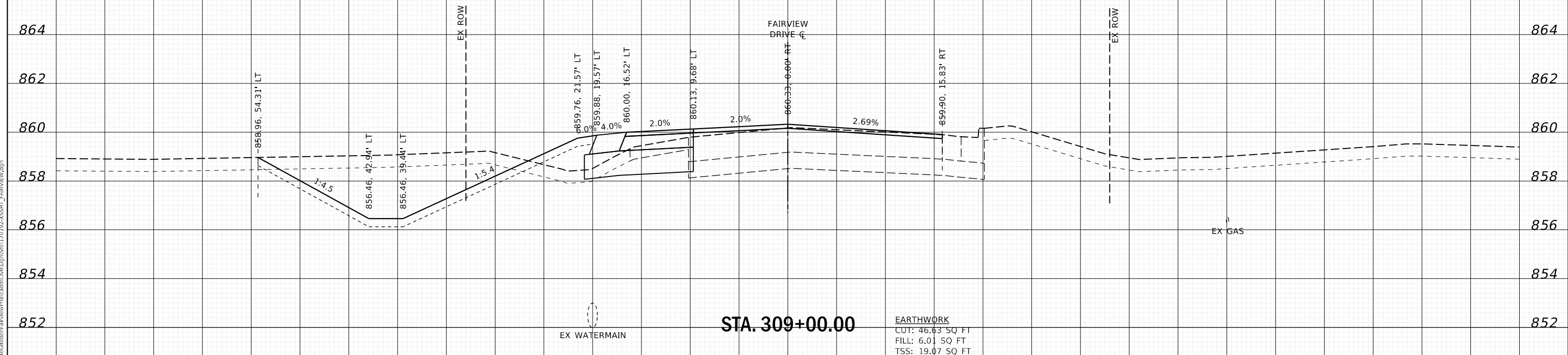
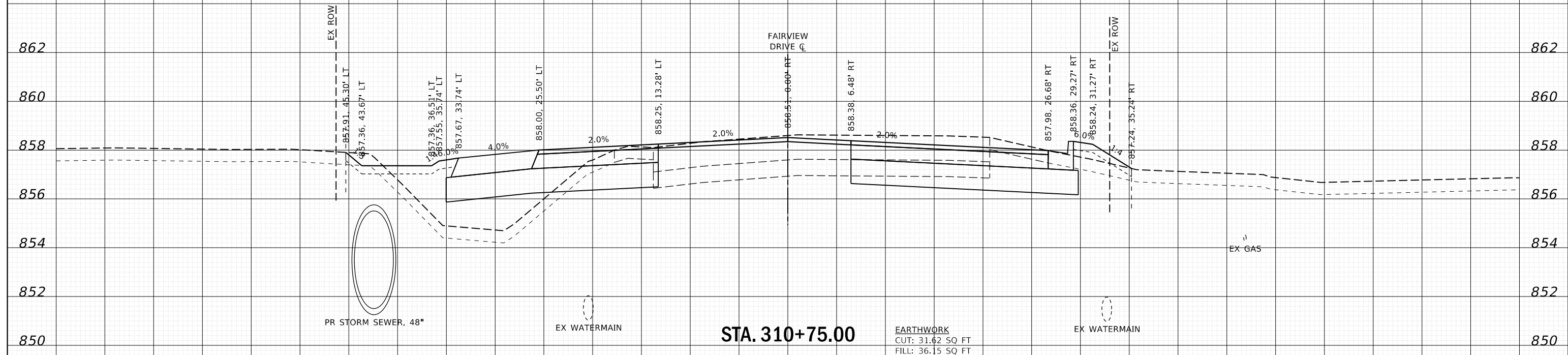
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE FROM THE ROADWAY CENTERLINE

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
NO.	



**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2    SHEET 3 OF 14 SHEETS    STA. 309+00.00 TO STA. 310+75.00

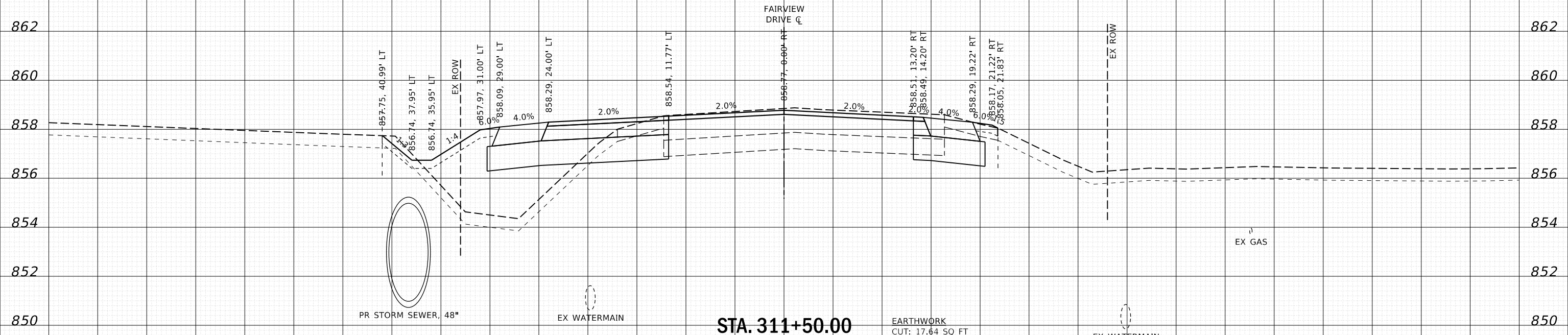
F.A.U. RTE. 5348	SECTION 16-00189-00-WR	COUNTY DEKALB	TOTAL SHEETS 103	SHEET NO. 92
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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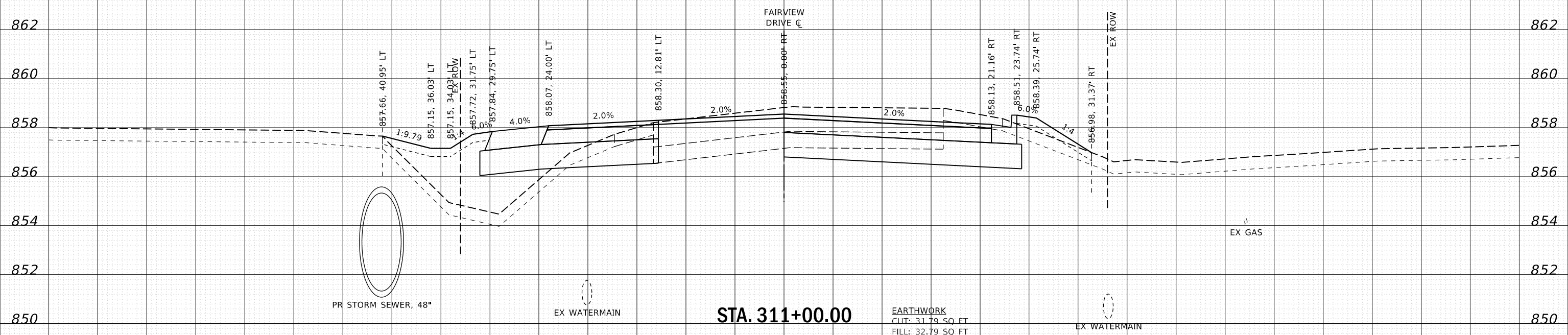
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE FROM THE ROADWAY CENTERLINE

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



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
ORIGINAL SURVEY NO.	



**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

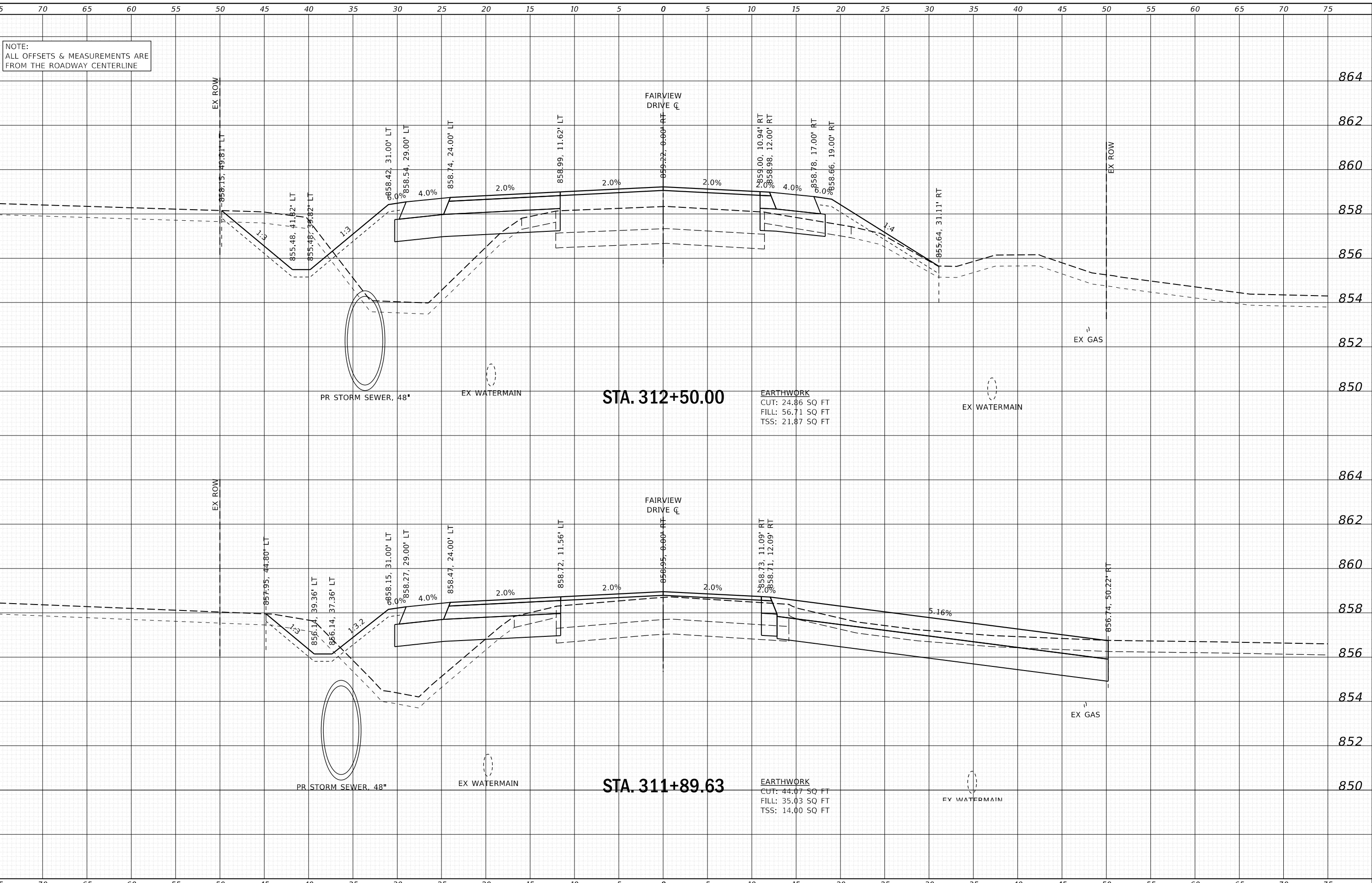
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 4 OF 14 SHEETS STA. 311+00.00 TO STA. 311+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	93
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

FILE NAME = W:\Projects\2017\170192\_Annex\GIS\Drawings\170192-ASSHT\_FAIRVIEW.dwg



NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
NO.	

FILE NAME = W:\Projects\2017\170192\_Annex\GIS\Drawings\170192-ASSHT\_Fairview.dwg

**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME	= nparris
PLOT SCALE	= 1:10
PLOT DATE	= 2/26/2018

DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18

REVISED	-
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REVISED	-
REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

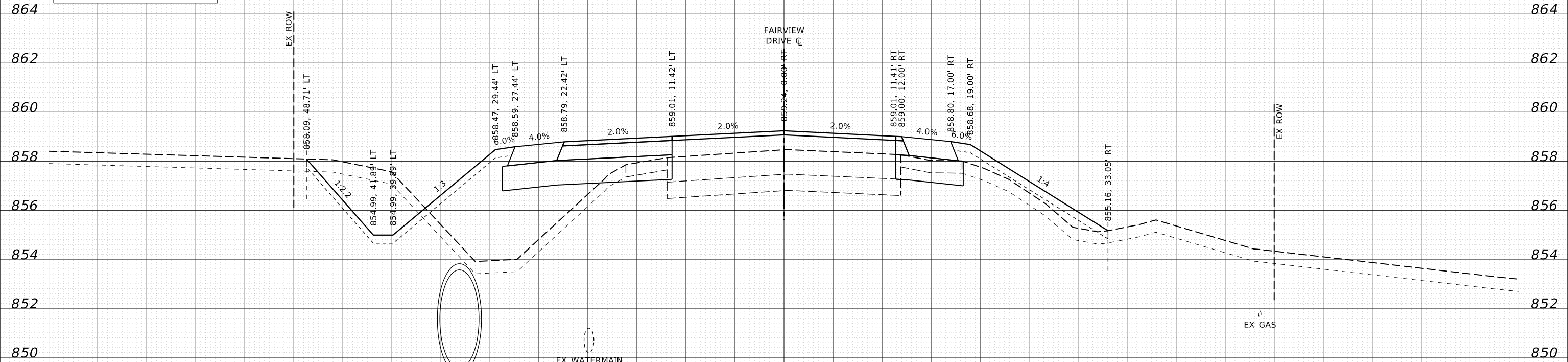
SCALE: H:5 V:2    SHEET 5 OF 14 SHEETS    STA. 311+89.63 TO STA. 312+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	94
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

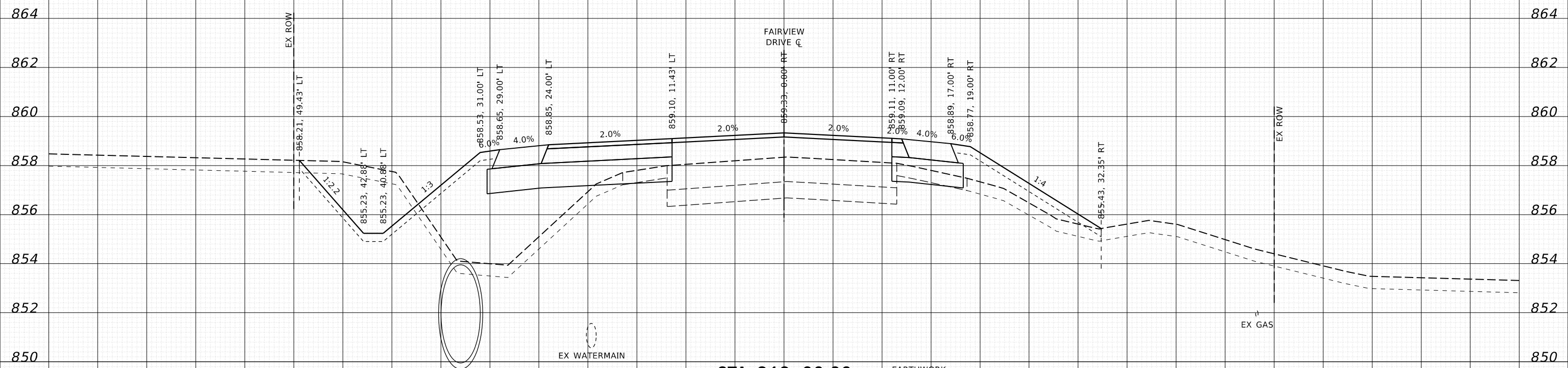
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**STA. 313+50.00**

**EARTHWORK**  
CUT: 26.60 SQ FT  
FILL: 55.81 SQ FT  
TSS: 23.74 SQ FT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**STA. 313+00.00**

**EARTHWORK**  
CUT: 24.84 SQ FT  
FILL: 60.75 SQ FT  
TSS: 23.33 SQ FT



WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
DATE	- 02/26/18
REVISED	-
REVISED	-
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REVISED	-

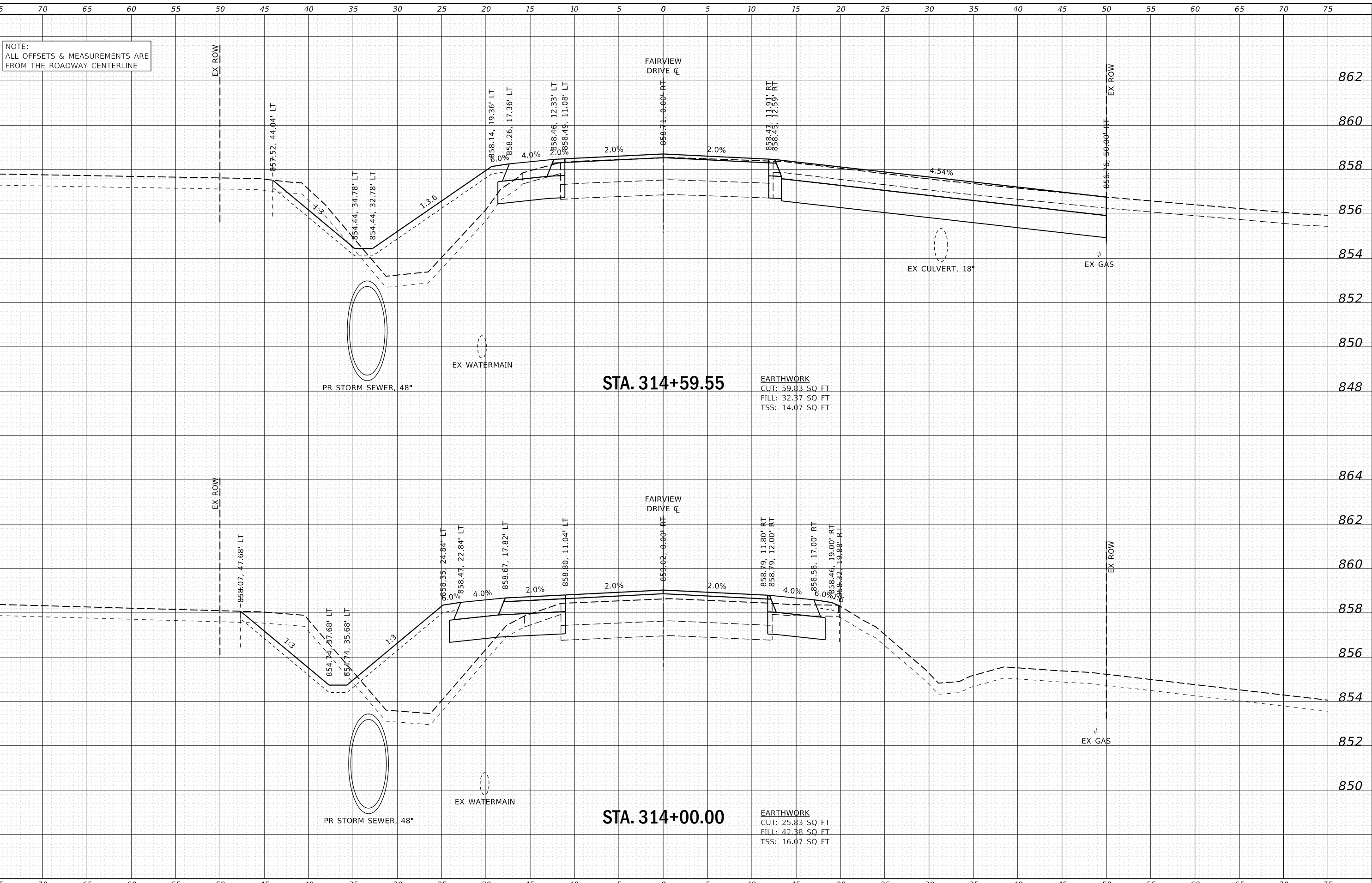
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 6 OF 14 SHEETS STA. 313+00.00 TO STA. 313+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	95
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87664	

FILE NAME = W:\Projects\2017\170192\_Annex\GIS\Drawings\170192-ASSHT\_FAIRVIEW.dgn



NOTE:  
ALL OFFSETS & MEASUREMENTS ARE FROM THE ROADWAY CENTERLINE

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

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

STA. 314+59.55

EARTHWORK  
CUT: 59.83 SQ FT  
FILL: 32.37 SQ FT  
TSS: 14.07 SQ FT

STA. 314+00.00

EARTHWORK  
CUT: 25.83 SQ FT  
FILL: 42.38 SQ FT  
TSS: 16.07 SQ FT



USER NAME = nparris  
DESIGNED - SBP  
DRAWN - NDP  
CHECKED - MNB  
PLOT SCALE = 1:10  
PLOT DATE = 2/26/2018

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -  
DATE - 02/26/18

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 7 OF 14 SHEETS STA. 314+00.00 TO STA. 314+59.55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	96
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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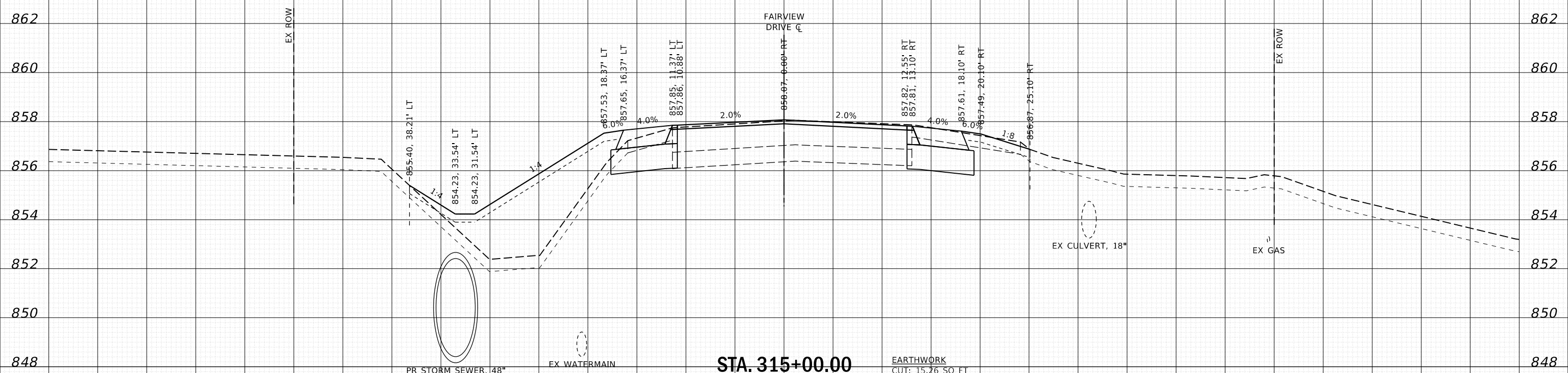


75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	BY	SURVEYED	PLOTTED
		AREAS	AREAS
		NOTE BOOK	CHECKED
		NO.	

DATE	BY	SURVEYED	PLOTTED
		AREAS	AREAS
		NOTE BOOK	CHECKED
		NO.	



EARTHWORK  
CUT: 15.26 SQ FT  
FILL: 40.02 SQ FT  
TSS: 11.63 SQ FT



USER NAME = nparris  
DESIGNED - SBP  
DRAWN - NDP  
CHECKED - MNB  
DATE - 02/26/18  
PLOT SCALE = 1:10  
PLOT DATE = 2/26/2018

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 8 OF 14 SHEETS STA. 315+00.00 TO STA. 315+00.00

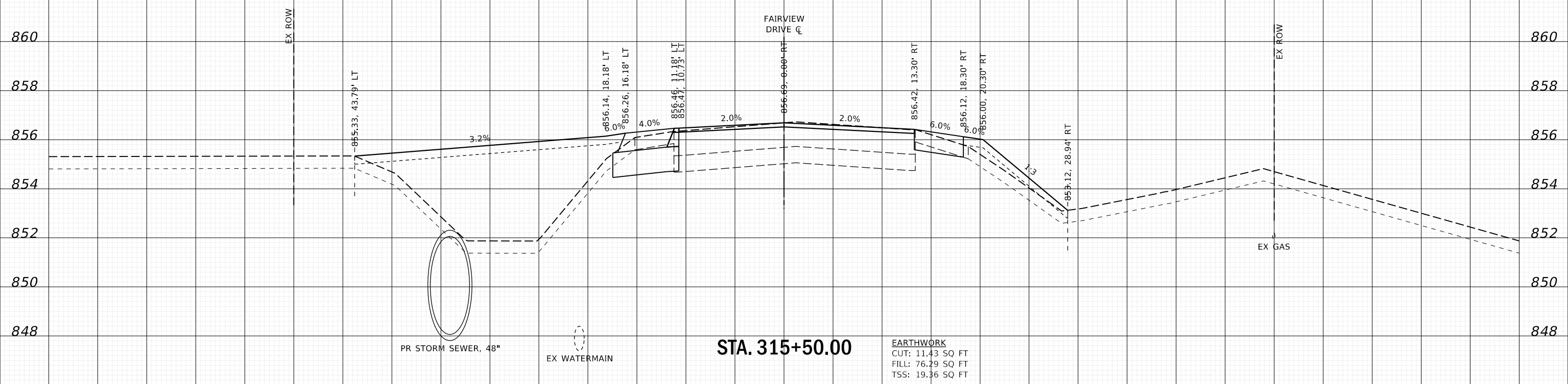
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	97
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

FILE NAME = W:\Projects\2017\170192\_Annex\GIS\Drawings\170192-ASSHT\_FAIRVIEW.dwg

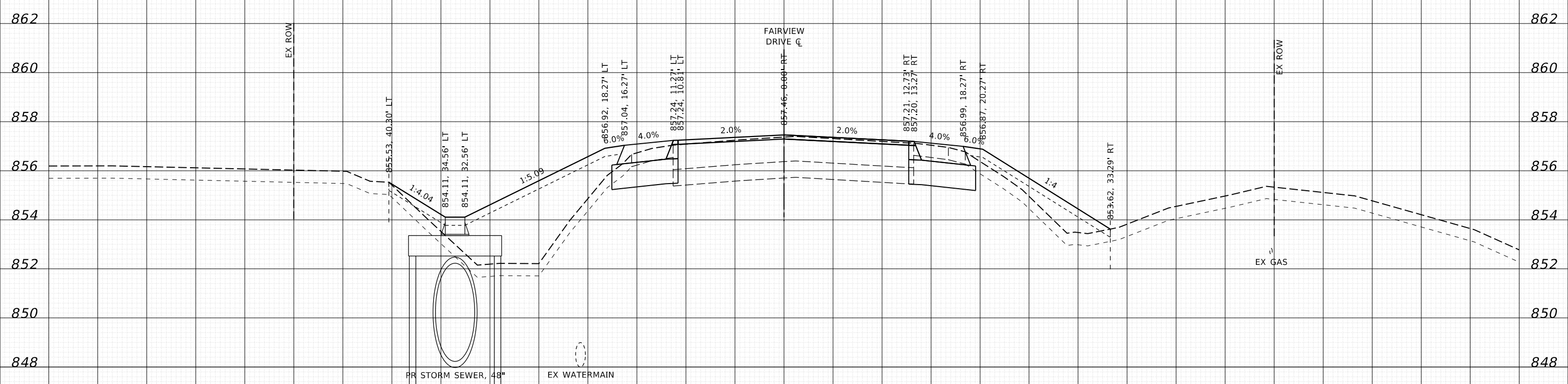
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

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



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



75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



USER NAME	= nparris
DESIGNED	- SBP
DRAWN	- NDP
CHECKED	- MNB
PLOT SCALE	= 1:10
PLOT DATE	= 2/26/2018

REVISD	-
REVISD	-
REVISD	-
REVISD	-
DATE	- 02/26/18

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 9 OF 14 SHEETS STA. 315+25.00 TO STA. 315+50.00

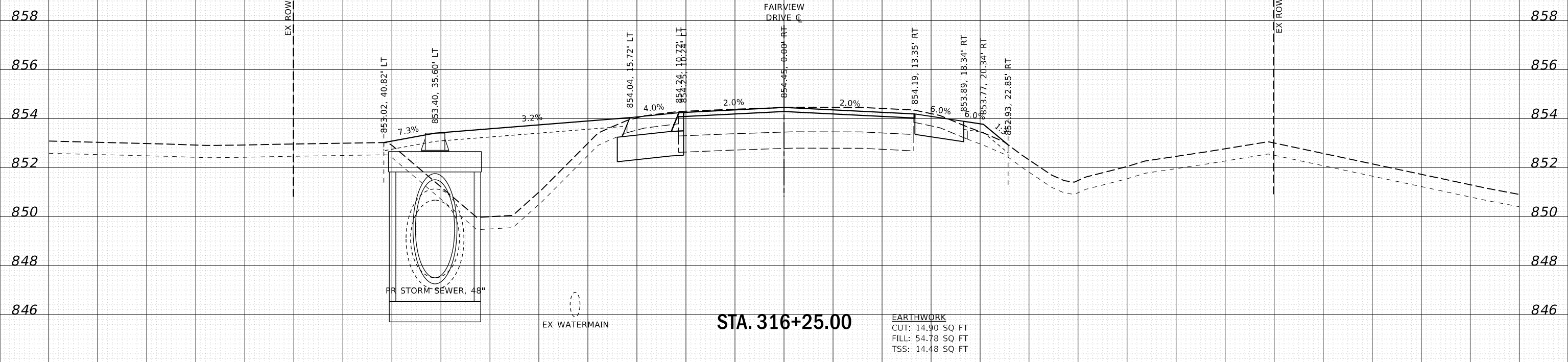
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	98
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

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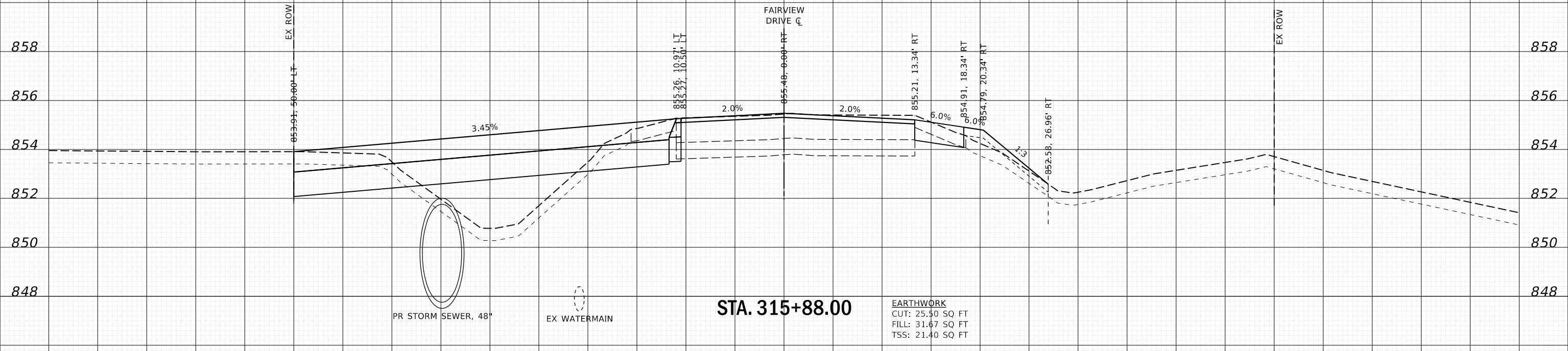
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

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



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



**WBK engineering**  
WBK ENGINEERING, LLC  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME	= nparris	DESIGNED	- SBP	REVISED	-
PLOT SCALE	= 1:10	DRAWN	- NDP	REVISED	-
PLOT DATE	= 2/26/2018	CHECKED	- MNB	REVISED	-
		DATE	- 02/26/18	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 10 OF 14 SHEETS STA. 315+88.00 TO STA. 316+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	99
			CONTRACT NO. 87664	
ILLINOIS FED. AID PROJECT				

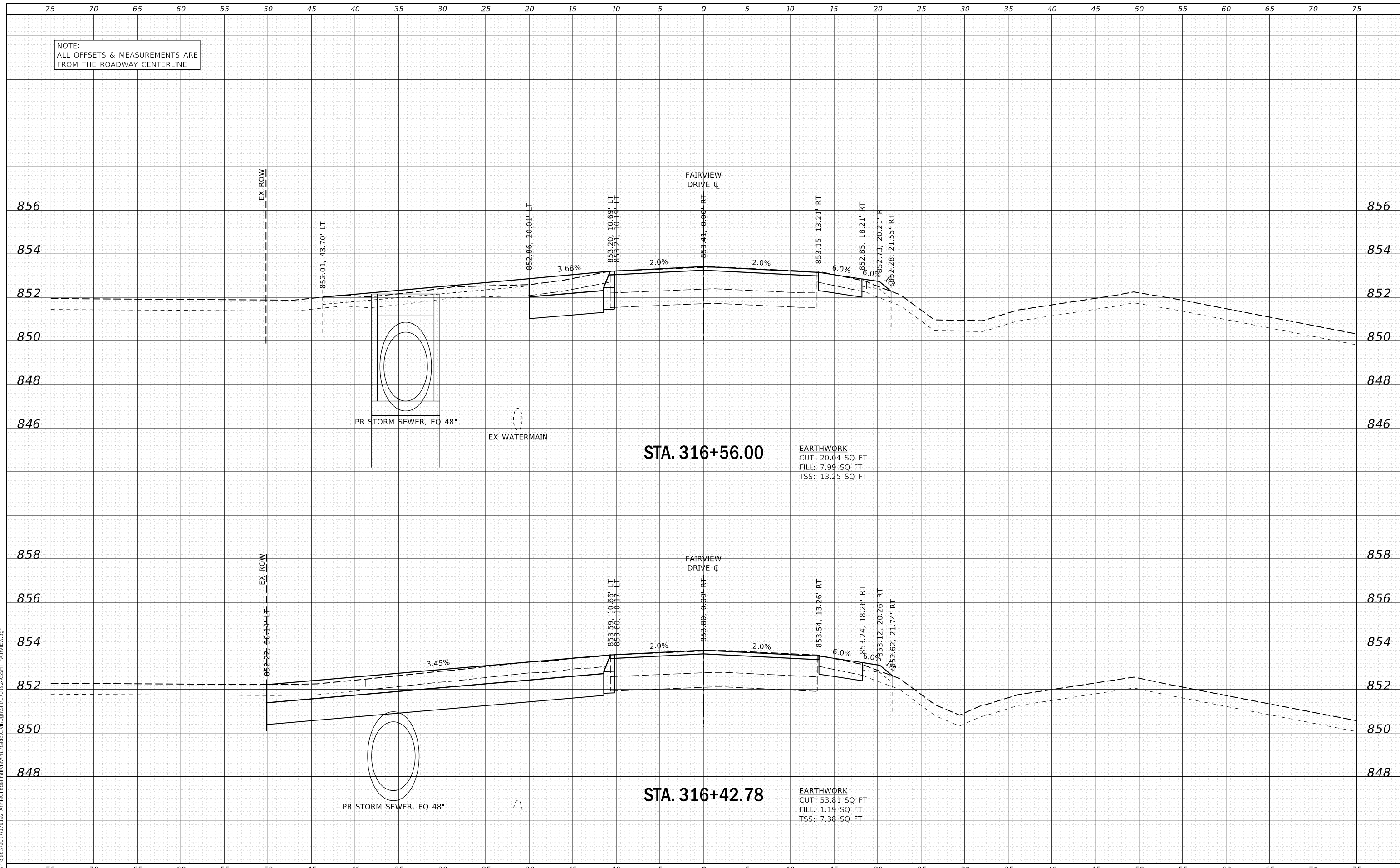
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



STA. 316+56.00

EARTHWORK  
CUT: 20.04 SQ FT  
FILL: 7.99 SQ FT  
TSS: 13.25 SQ FT

STA. 316+42.78

EARTHWORK  
CUT: 53.81 SQ FT  
FILL: 1.19 SQ FT  
TSS: 7.38 SQ FT

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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
FAIRVIEW DRIVE

SCALE: H:5 V:2 SHEET 11 OF 14 SHEETS STA. 316+42.78 TO STA. 316+56.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	100
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

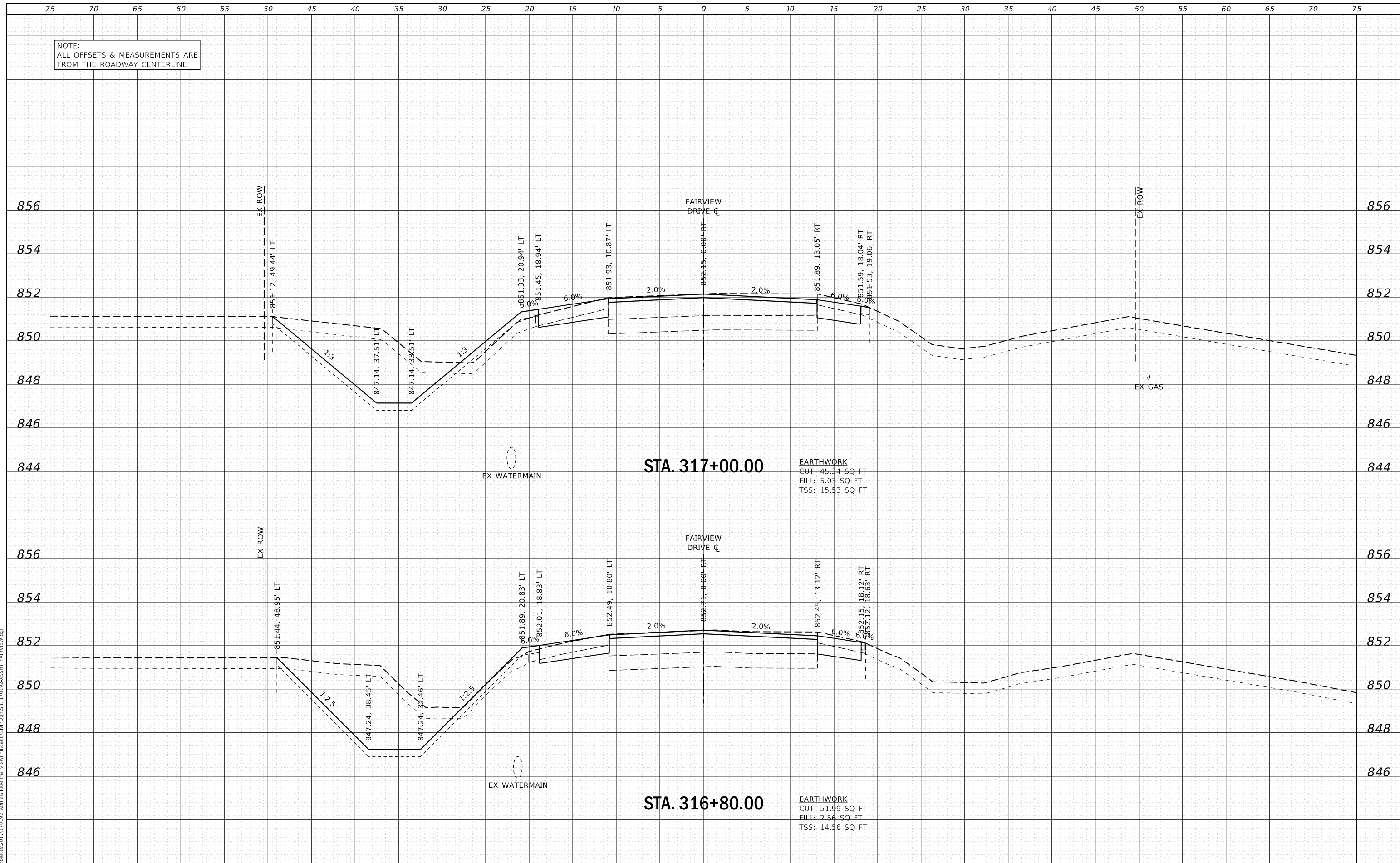
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75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

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

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



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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS FAIRVIEW DRIVE		
SCALE: H:5 V:2	SHEET 12	OF 14 SHEETS
STA. 316+80.00		TO STA. 317+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	101
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

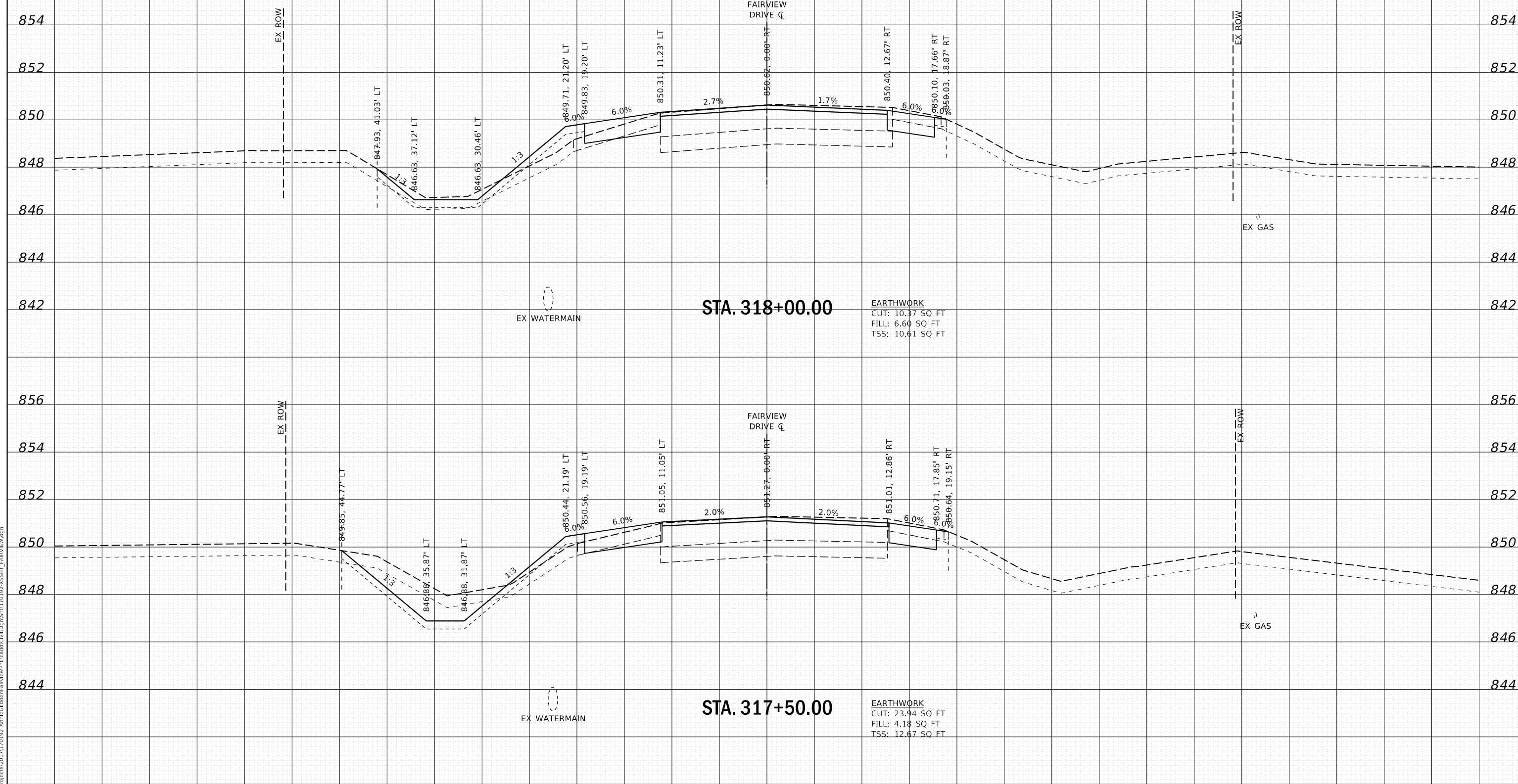
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NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	
BY	
SURVEYED	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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NO.	



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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
FAIRVIEW DRIVE**

SCALE: H:5 V:2      SHEET 13 OF 14 SHEETS      STA. 317+50.00 TO STA. 318+00.00

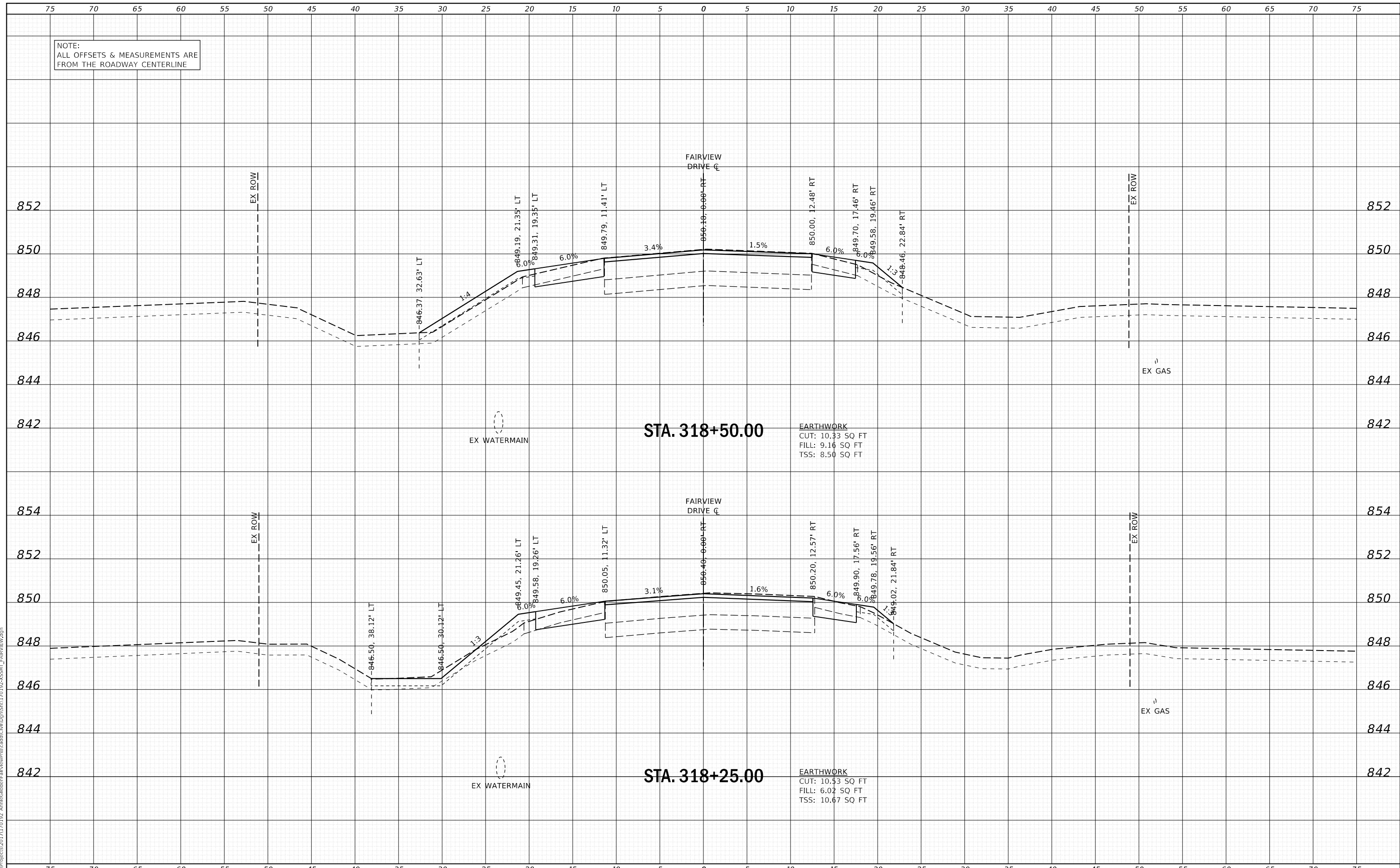
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	102
CONTRACT NO. 87664			ILLINOIS FED. AID PROJECT	

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

NOTE:  
ALL OFFSETS & MEASUREMENTS ARE  
FROM THE ROADWAY CENTERLINE

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
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NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
CHECKED	
NO.	



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USER NAME = nparris	DESIGNED - SBP	REVISED -
PLOT SCALE = 1:10	DRAWN - NDP	REVISED -
PLOT DATE = 2/26/2018	CHECKED - MNB	REVISED -
	DATE - 02/26/18	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
FAIRVIEW DRIVE**

SCALE: H:5 V:2    SHEET 14 OF 14 SHEETS    STA. 318+25.00 TO STA. 318+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5348	16-00189-00-WR	DEKALB	103	103
				CONTRACT NO. 87664
ILLINOIS FED. AID PROJECT				

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