

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15 00185-00-WR	DEKALB	117	1
		ILLINOIS	CONTRACT NO. 87750	

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

## FAU 5369/9700 (PEACE ROAD) AT FAIRVIEW DRIVE

### INTERSECTION IMPROVEMENTS AND RESURFACING

#### SECTION 15-00185-00-WR

#### PROJECT: SYHG(876)

#### CITY OF DEKALB

#### DEKALB COUNTY

#### STU FUNDING

#### C-93-016-21

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

**TRAFFIC DATA**

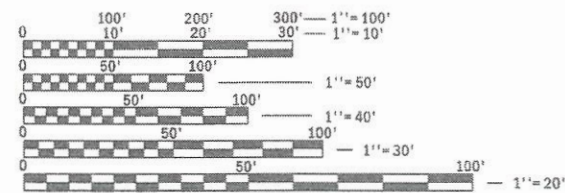
2019 ADT = 14,800 (PEACE ROAD)  
 2019 ADT = 5,500 (FAIRVIEW DRIVE WEST OF PEACE RD.)  
 2019 ADT = 2,650 (FAIRVIEW DRIVE EAST OF PEACE RD.)  
 2050 ADT = 37,100 (PEACE RD)  
 2050 ADT = 13,900 (FAIRVIEW DR. WEST OF PEACE RD.)  
 2050 ADT = 6,700 (FAIRVIEW DR. EAST OF PEACE RD.)

**DESIGN/ POSTED SPEED**

POSTED SPEED: 45 MPH (PEACE ROAD AT FAIRVIEW DRIVE)  
 POSTED SPEED: 55 MPH (PEACE ROAD SOUTH OF I-88 & NORTH OF MACOM DRIVE)  
 POSTED SPEED: 45 MPH (FAIRVIEW DRIVE W. OF PEACE ROAD)  
 POSTED SPEED: 55 MPH (EAST OF FAIRVIEW DRIVE)

**DESIGN DESIGNATION**

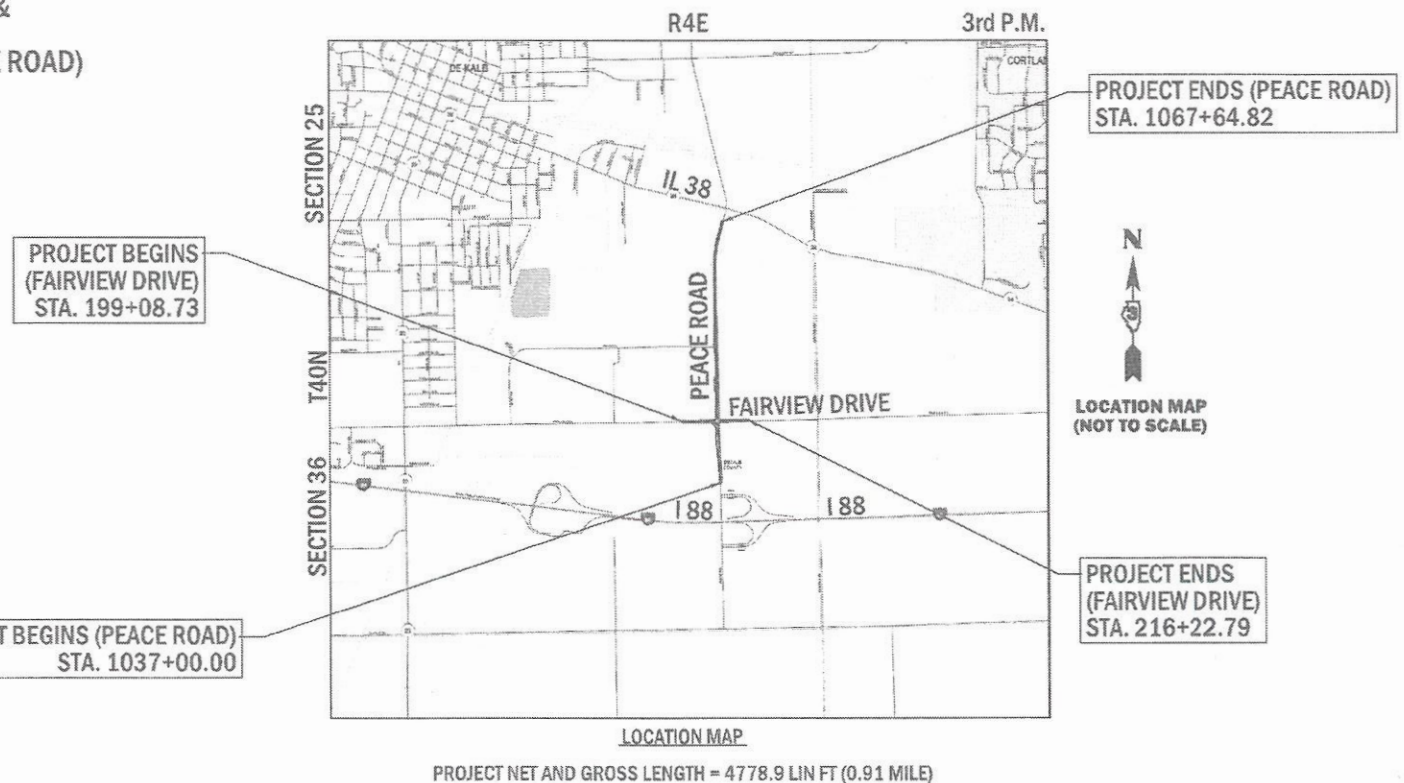
OTHER PRINCIPAL ARTERIAL (PEACE ROAD)  
 MAJOR COLLECTOR (FAIRVIEW DRIVE)



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

CONTRACT NO. 87750



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

APPROVED: *[Signature]*  
 1-7-22  
 CITY ENGINEER, CITY OF DEKALB

PASSED: 1-7-22  
*[Signature]*  
 DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: 1-7-22  
*[Signature]*  
 REGIONAL ENGINEER

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

DECEMBER 21, 2021  
*[Signature]*  
 YEMI O. OYEWOLE  
 ILLINOIS REG. PROFESSIONAL ENGINEER NO. 062-058164  
 EXPIRATION DATE 11-30-2023  
 SHEETS 1-117

## INDEX OF SHEETS

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## LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET, TYPE A
602406-11	PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS
630001-12	STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
635001-02	DELINEATORS
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W MORE THAN 15' (4.5 m) TO 24" (600 MM) AWAY FROM PAVEMENT EDGE
701011-04	OFF-RD OPERATIONS, 2L, 2W DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS >= 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877011-10	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-07	STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATION
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

## GENERAL NOTES

- THE LOCATIONS OF KNOWN UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THESE UTILITIES AND THE EXISTENCE AND LOCATION OF ANY UTILITY NOT SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL NOTIFY THE UTILITIES AT LEAST TEN (10) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL "JULIE" AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS FACILITIES AND ALL PUNLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF DEKALB, ILLINOIS TOLLWAY AND DEKALB TOWNSHIP.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE -ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND LID ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- WHERE SECTION OR SUB -SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED THEIR LOCATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, U.F.O.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 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.
- SHORT TERM PAVEMENT MARKINGS SHALL BE USED FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.
- ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
- ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- THE REMOVAL AND DISPOSAL OF ALL FENCING, DELINEATORS, DEBRIS, BRUSH, RIPRAP, STONE, CONCRETE SLABS, TILE, TILE OUTLET HEADWALLS, ETC. NOT PAID SPECIFICALLY ON THE PLANS WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING SUB-BASE GRANULAR MATERIAL.
- ABANDONED UNDRGROUND 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.
- THE THICKNESS OF HOT-MIX ASPHALT 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 HOT-MIX ASPHALT IS PLACED.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

## PHASE II COMMITMENTS FROM PHASE I

- NONE.

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(630) 443-7755

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = --	CHECKED - YOO	REVISED -
PLOT DATE = 04-12-21	DATE - 12-21-21	REVISED -

CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE**  
**GENERAL NOTES, INDEX OF SHEETS & STANDARDS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5309/9700	15-00185-00-WR	DEKALB	117	2
CONTRACT NO. 87750				
ILLINOIS		FED. AID PROJECT	X	

# SUMMARY OF QUANTITIES

CONSTRUCTION  
CODE  
ROADWAY  
0004  
URBAN

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	S	20101000	TEMPORARY FENCE	FOOT	350
		20200100	EARTH EXCAVATION	CU YD	11,785
		20400800	FURNISHED EXCAVATION	CU YD	6,000
		20800150	TRENCH BACKFILL	CU YD	277
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	13,474
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,879
*		25000210	SEEDING, CLASS 2A	ACRE	5.50
*		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	482
*		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	482
*		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	482
*		25100630	EROSION CONTROL BLANKET	SQ YD	25,905
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	536
		28000305	TEMPORARY DITCH CHECKS	FOOT	750
		28000400	PERIMETER EROSION BARRIER	FOOT	9,560
		28000500	INLET AND PIPE PROTECTION	EACH	8
		28000510	INLET FILTERS	EACH	3
		28100107	STONE RIPRAP, CLASS A4	SQ YD	145
		28200200	FILTER FABRIC	SQ YD	145
	S	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	13,474
		31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	400
		35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	10,049
		40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	34
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,205
		40600370	LONGITUDINAL JOINT SEALANT	FOOT	18,210
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,302
		40600990	TEMPORARY RAMP	SQ YD	131
		40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	6,999
		40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	3,566
		44000100	PAVEMENT REMOVAL	SQ YD	2,152
		44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	42,447
		44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	15
		44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	27

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(630) 443-7755

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PLOT SCALE = 1:2	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
SUMMARY OF QUANTITIES**

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

F.A.U. RTE. 53697 3700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 3
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	

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CONSTRUCTION CODE
ROADWAY
0004
URBAN

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	51
		44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	93
		48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	783
		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,971
		50105220	PIPE CULVERT REMOVAL	FOOT	371
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5
		54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	2
		54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	4
		54248160	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 36"	EACH	4
		542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	96
		542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	63
		542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	69
		542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	154
*		56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	2
		60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	16
		60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	258
		60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	9,166
		60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2
		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
		60255500	MANHOLES TO BE ADJUSTED	EACH	1
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3
	S	60603100	CONCRETE GUTTER TRANSITION	FOOT	30
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	120
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	581
		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2,662
*		63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	12.5
*		63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1
*		63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1
*		66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	6
		67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	8
		67100100	MOBILIZATION	L SUM	1



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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
SUMMARY OF QUANTITIES**

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

F.A.P. RTE. 53697 9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 4
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				

FILE NAME = Z:\2020\200154 - PeaceRdFairViewDPR\TDCadd\CivilDgn\200154-500\_03.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	CONSTRUCTION CODE
					TOTAL QUANTITY
		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14
		70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,244
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	11,831
		70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	457
		70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	42,202
		70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2,766
		70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	711
		70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	2,090
		70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	235
*		72000100	SIGN PANEL - TYPE 1	SQ FT	65
*		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7
*		72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	66
*		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5
*		72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	33
*		72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1
*		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	90
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	457
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	42,202
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,766
*		78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	711
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,090
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	235
*		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	509
*		78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	4
*		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	152
*		78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	14,398
*		80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
*		81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	398
*		81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	258
*		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3,521
*		81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	187



USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:2	DRAWN - SS	REVISED -
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CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
SUMMARY OF QUANTITIES

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

F.A.P. RTE. 53697/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 5
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				

FILE NAME = Z:\2020\200154 - PeaceRdFairview\BPHL\lrcadd\civil\Drawings\200154-S00\_04.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	CONSTRUCTION CODE
					TOTAL QUANTITY
*		81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	112
*		81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	320
*		81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	15
*		81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
*		81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	823
*	S	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3
*	S	86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
*		87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	16
*		87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	375
*		87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,257
*		87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,748
*		87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,648
*		87301800	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	374
*		87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3,353
*		87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
*		87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
*		87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1
*		87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1
*		87703100	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 72 FT.	EACH	1
*		87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16
*		87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
*		87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
*		87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	67
*		87900200	DRILL EXISTING HANDHOLE	EACH	1
*		88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
*		88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
*		88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
*		88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6
*		88500100	INDUCTIVE LOOP DETECTOR	EACH	12
*		88600100	DETECTOR LOOP, TYPE I	FOOT	1,901
*		89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
*	S	89501420	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH	2
*		89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	8,795



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CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 SUMMARY OF QUANTITIES

SCALE: NA SHEET 4 OF 5 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 6
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	

CONSTRUCTION CODE
ROADWAY
0004
URBAN

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	S	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
*	S	89502376	REBUILD EXISTING HANDHOLE	EACH	1
*		89502380	REMOVE EXISTING HANDHOLE	EACH	5
	S	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
*		89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
*	S	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	375
	S	X0326806	WASHOUT BASIN	L SUM	1
*	S	X1400318	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	19
	S	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	30
	S	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*	S	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
*	S	X8860100	LOOP DETECTOR TESTING	EACH	1
*	S	XX009297	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	8
	S	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	S	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	84
	S	Z0056637	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 36 INCH	FOOT	248
*	S	Z0073509	PERMANENT TRAFFIC SIGNAL TIMING	EACH	1
*	S	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3

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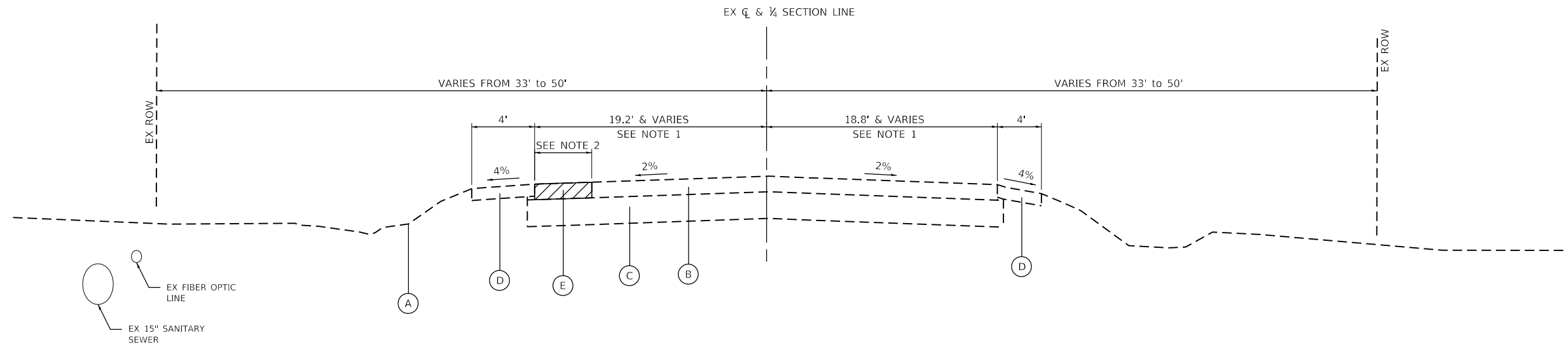
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	7
CONTRACT NO. 87750				
ILLINOIS   FED. AID PROJECT X				



**LEGEND**

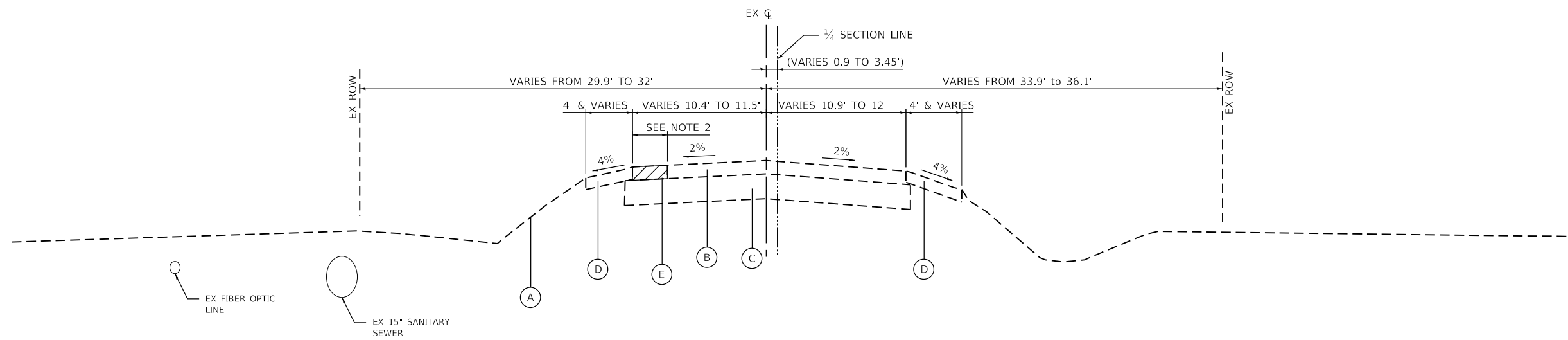
- (A) EXISTING GROUND
- (B) EXISTING HMA AND BAM PAVEMENT (6.5" EAST OF PEACE ROAD AND 15" WEST OF PEACE ROAD)
- (C) EXISTING AGGREGATE BASE (THICKNESS UNKNOWN)
- (D) EXISTING AGGREGATE SHOULDER (THICKNESS UNKNOWN)
- (E) EXISTING PAVEMENT REMOVAL

**FAIRVIEW DRIVE**

STA 199+08.73 TO STA 208+02.50

**NOTES:**

1. EXISTING PERMANENT EASEMENT WIDTHS VARY
2. SEE REMOVAL PLAN FOR PAVEMENT REMOVAL LOCATIONS



**FAIRVIEW DRIVE**

STA 208+55 TO STA 216+22.79

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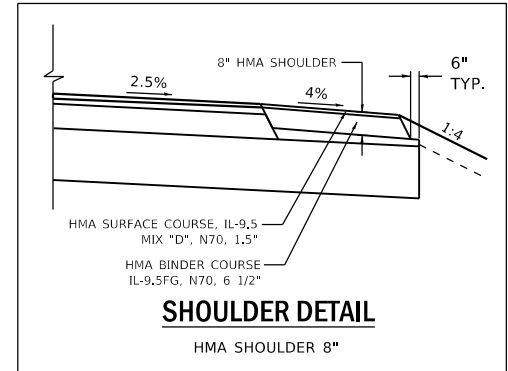
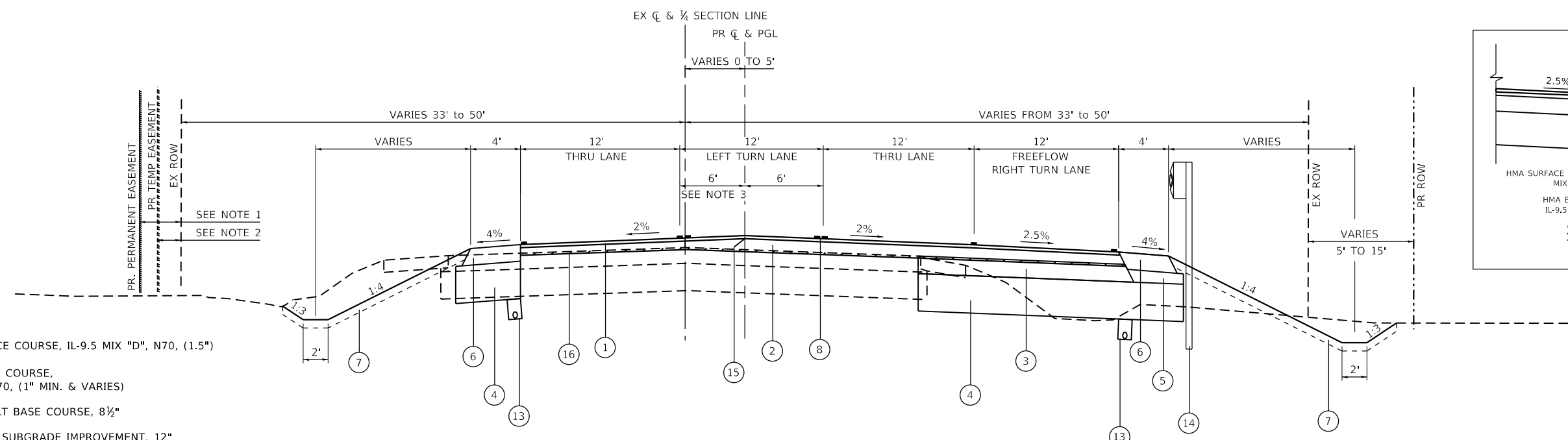
CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
EXISTING TYPICAL SECTIONS

SCALE: N/A SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	





**LEGEND**

- 1 HMA SURFACE COURSE, IL-9.5 MIX "D", N70, (1.5")
- 2 HMA BINDER COURSE, IL-9.5 FG, N70, (1" MIN. & VARIES)
- 3 HMA ASPHALT BASE COURSE, 8 1/2"
- 4 AGGREGATE SUBGRADE IMPROVEMENT, 12" W/GEOTECH FABRIC FOR GROUND STABILIZATION
- 5 SUBBASE GRANULAR MATERIAL, TYPE C
- 6 HMA SHOULDER, 8" (HMA SURFACE COURSE (1.5") AND HMA BINDER (6 1/2"))
- 7 TOPSOIL EXCAVATION AND PLACEMENT (4")
- 8 PR PVT MKG. SHALL BE THERMOPLASTIC
- 9 COMB CONC. CC&G TB6.24
- 10 COMB CONC. CC&G TB6.12 (REVERSE PITCH)
- 11 CONC. MEDIAN SURFACE, 4"
- 12 AGGREGATE FILL, 6"
- 13 PIPE UNDERDRAINS, TYPE 3
- 14 GUARDRAIL
- 15 LONGITUDINAL JOINT SEALANT (SEE NOTE 4)
- 16 HMA SURFACE REMOVAL, 1"

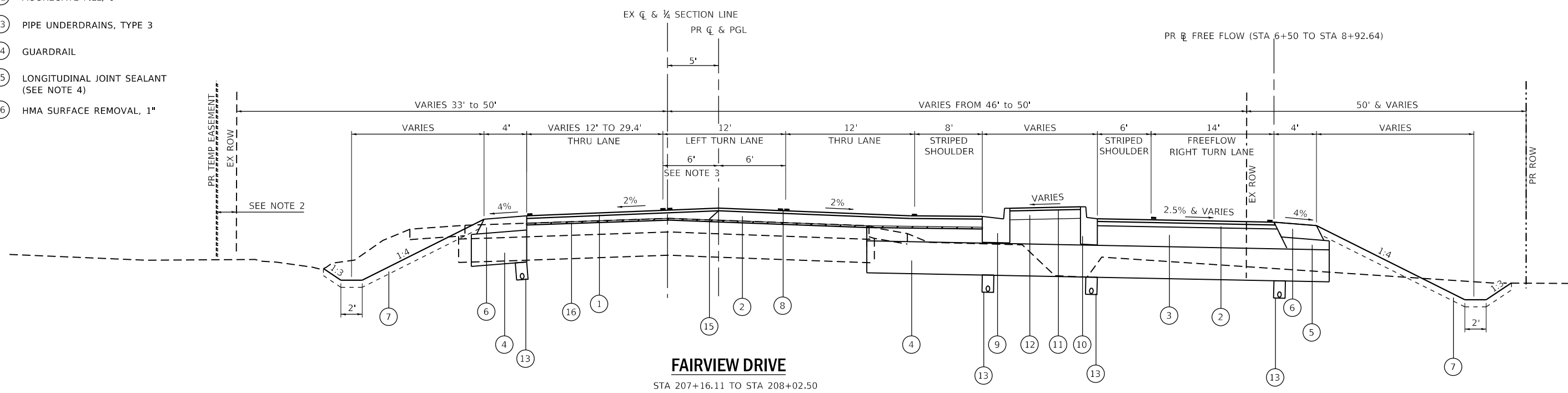
**NOTES:**

1. PR. PERMANENT EASEMENT STA 199+92.4 TO STA 201+50.3 (VARIES 10' TO 17')
2. PR. TEMPORARY EASEMENT STA 204+00 TO STA 207+52 (VARIES 7' TO 10')
3. PR. FLUSH MEDIAN STA 199+08.7 TO STA 201+78.8 (WIDTH VARIES FROM 12' TO 18')
4. LONGITUDINAL JOINT SEALANT TO BE CONSTRUCTED ON THE TOP LIFT OF HMA BINDER

**FAIRVIEW DRIVE**

STA 199+08.73 TO STA 207+16.11

HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
LOCATION(S):	ROADWAY				
MIXTURE USE(S):	HMA SURFACE	HMA BINDER	HMA BASE CRSE 8 1/2"	HMA SHLDR (TOP)	SHLDR (BOT)
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (MIXTURE GRADATION):	IL 9.5	IL 9.5FG	IL 19.0	IL 19.0	IL 9.5
FRICTION AGGREGATE:	D	---	---		MIXTURE C
MIXTURE WEIGHT:	112LB/SY/IN	112LB/SY/IN	112LB/SY/IN	112LB/SY/IN	112LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	NA	NA	NA	NA	NA
DENSITY TEST METHOD:	LR 1030	LR 1030	LR 1030	LR 1030	LR 1030



**FAIRVIEW DRIVE**

STA 207+16.11 TO STA 208+02.50

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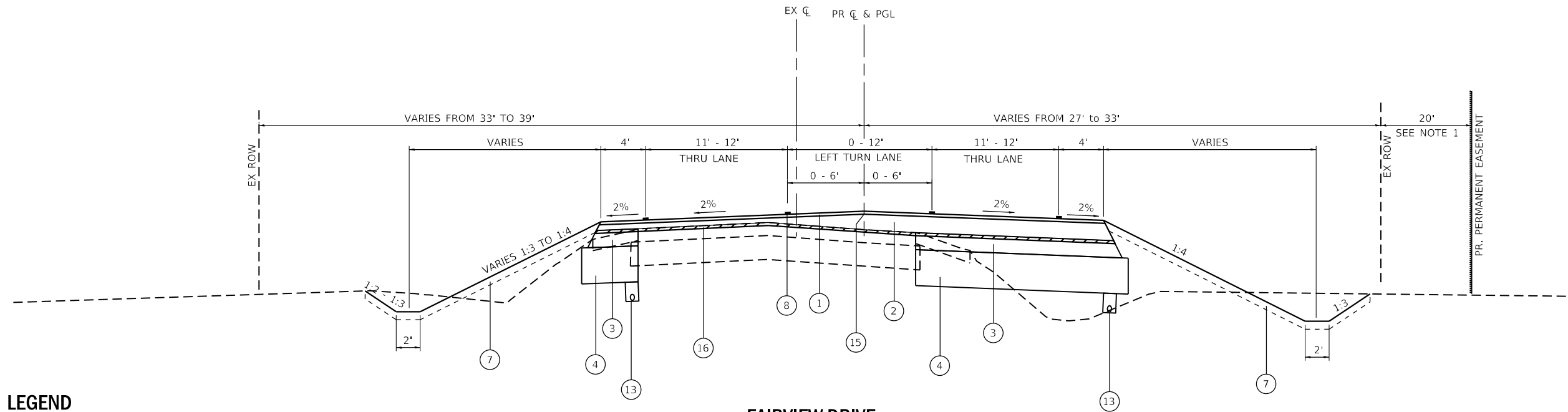
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	



**FAIRVIEW DRIVE**  
STA 208+55 TO STA 216+22.8

**LEGEND**

- ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, (1.5")
- ② HMA BINDER COURSE, IL-9.5 FG, N70, (1" MIN. & VARIES)
- ③ HMA ASPHALT BASE COURSE, 8½"
- ④ AGGREGATE SUBGRADE IMPROVEMENT, 12" W/GEOTECH FABRIC FOR GROUND STABILIZATION
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑥ HMA SHOULDER, 8" (HMA SURFACE COURSE (1.5") AND HMA BINDER (6½"))
- ⑦ TOPSOIL EXCAVATION AND PLACEMENT (4")
- ⑧ PR PVMT MKG. SHALL BE THERMOPLASTIC
- ⑨ COMB CONC. CC&G TB6.24
- ⑩ COMB CONC. CC&G TB6.12 (REVERSE PITCH)
- ⑪ CONC. MEDIAN SURFACE, 4"
- ⑫ AGGREGATE FILL, 6"
- ⑬ PIPE UNDERDRAINS, TYPE 3
- ⑭ GUARDRAIL
- ⑮ LONGITUDINAL JOINT SEALANT (SEE NOTE 2)
- ⑯ HMA SURFACE REMOVAL, 1"

**NOTES:**

- 1. PR. PERMANENT EASEMENT STA 209+45.9 TO STA 215+00
- 2. LONGITUDINAL JOINT SEALANT TO BE CONSTRUCTED ON THE TOP LIFT OF HMA BINDER

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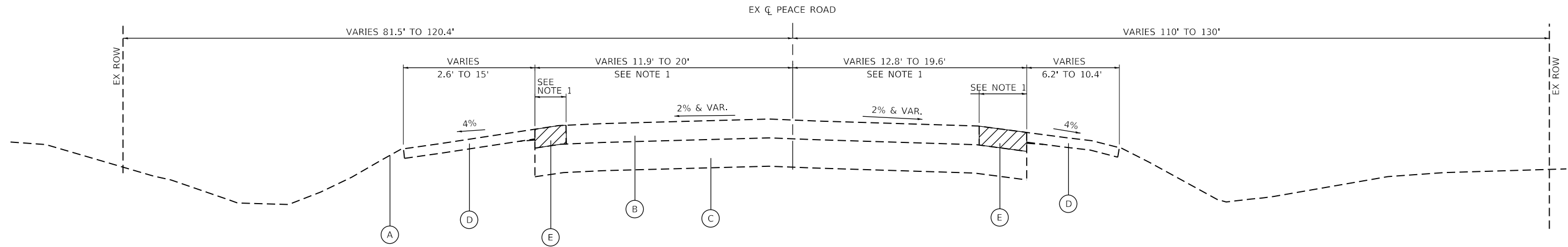
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	



**PEACE ROAD**

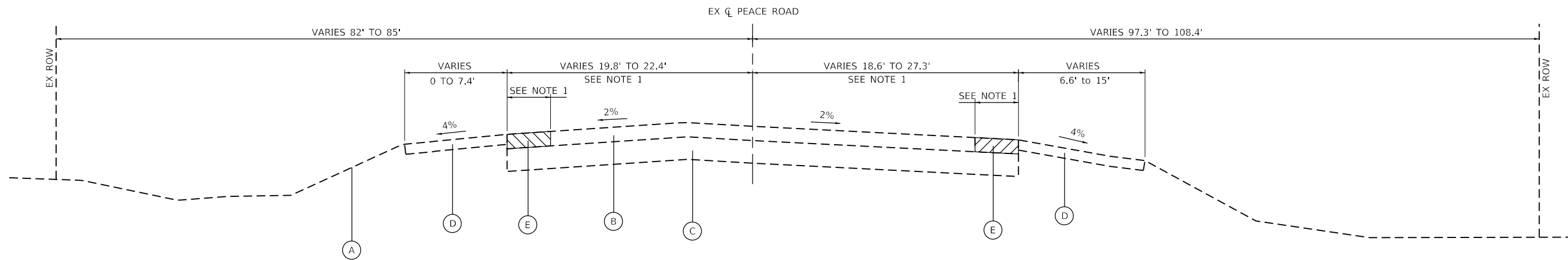
STA 1037+00 TO STA 1052+49

**LEGEND**

- (A) EXISTING GROUND
- (B) EXISTING HMA AND BAM PAVEMENT (21" SOUTH OF FAIRVIEW DRIVE AND 14" NORTH OF FAIRVIEW DRIVE)
- (C) EXISTING AGGREGATE BASE (THICKNESS UNKNOWN)
- (D) EXISTING AGGREGATE SHOULDER (THICKNESS UNKNOWN)
- (E) EXISTING PAVEMENT REMOVAL

**NOTES:**

- 1. SEE REMOVAL PLAN FOR PAVEMENT REMOVAL LOCATIONS



**PEACE ROAD**

STA 1053+25 TO STA 1067+64.8

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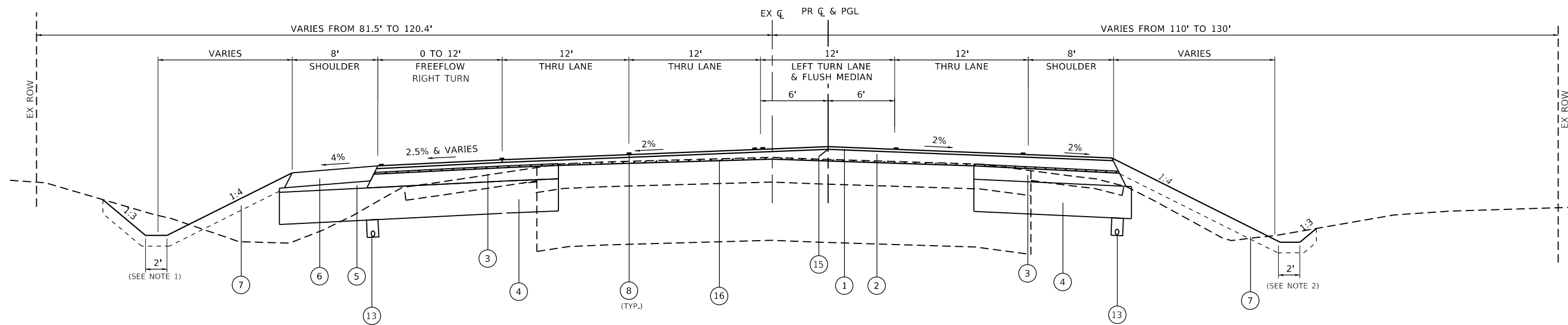
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 EXISTING TYPICAL SECTIONS**

SCALE: N/A SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 11
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT	

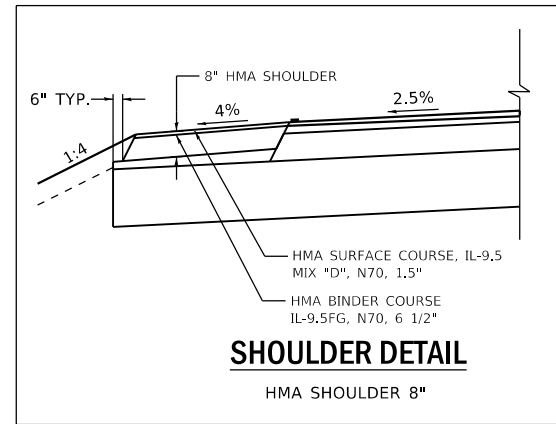


**PEACE ROAD**

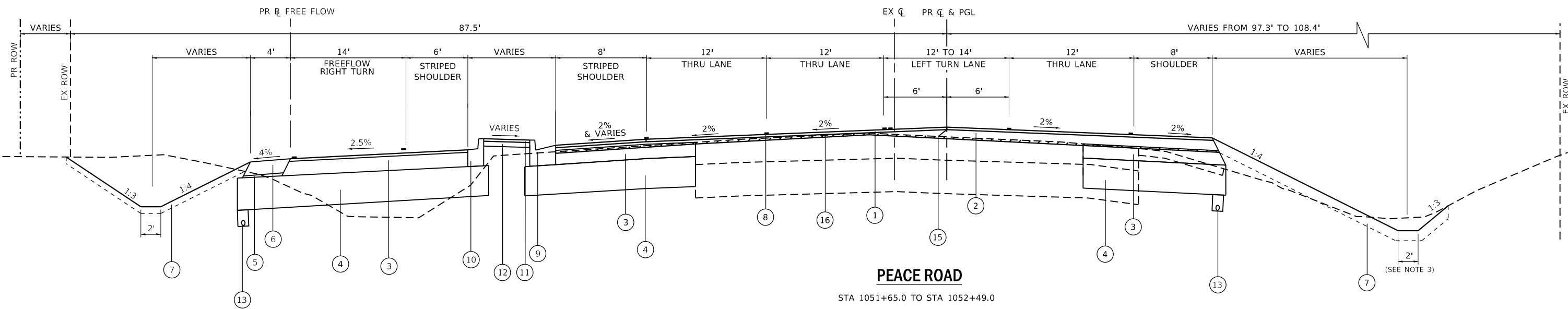
STA 1037+00 TO STA 1051+65.0

**LEGEND**

- ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, (1.5")
- ② HMA BINDER COURSE, IL-9.5 FG, N70, (1" MIN. & VARIES)
- ③ HMA ASPHALT BASE COURSE, 8½"
- ④ AGGREGATE SUBGRADE IMPROVEMENT, 12" W/GEOTECH FABRIC FOR GROUND STABILIZATION
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑥ HMA SHOULDER, 8" (HMA SURFACE COURSE (1.5") AND HMA BINDER (6½"))
- ⑦ TOPSOIL EXCAVATION AND PLACEMENT (4")
- ⑧ PR PVMT MKG. SHALL BE THERMOPLASTIC
- ⑨ COMB CONC. CC&G TB6.24
- ⑩ COMB CONC. CC&G TB6.12 (REVERSE PITCH)
- ⑪ CONC. MEDIAN SURFACE, 4"
- ⑫ AGGREGATE FILL, 6"
- ⑬ PIPE UNDERDRAINS, TYPE 3
- ⑭ GUARDRAIL
- ⑮ LONGITUDINAL JOINT SEALANT (SEE NOTE 3)
- ⑯ HMA SURFACE REMOVAL, 1"



- NOTE:**
- DITCH GRADING BEGINS AT STA 1032+76
  - DITCH GRADING BEGINS AT STA 1036+04
  - LONGITUDINAL JOINT SEALANT TO BE CONSTRUCTED ON THE TOP LIFT OF HMA BINDER



**PEACE ROAD**

STA 1051+65.0 TO STA 1052+49.0

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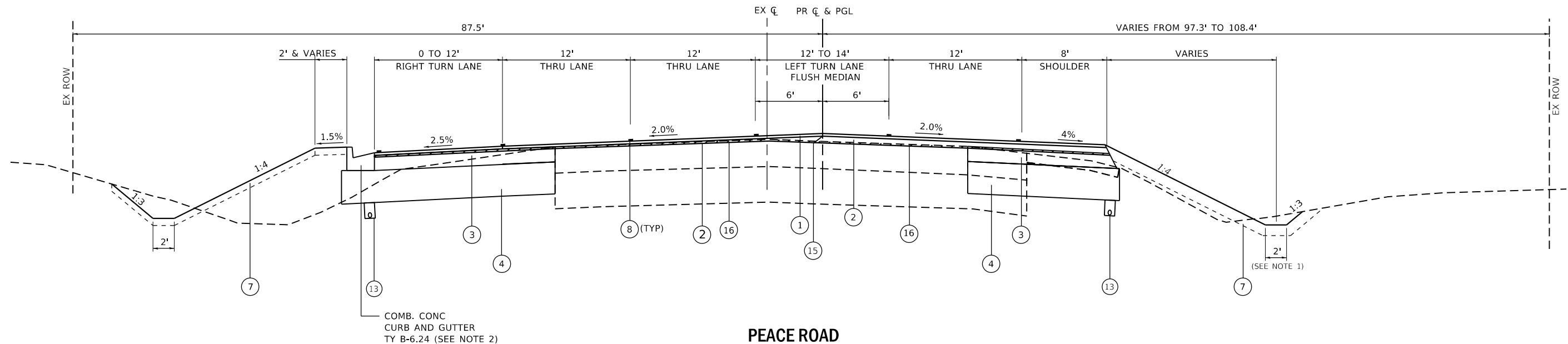
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 12
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT	

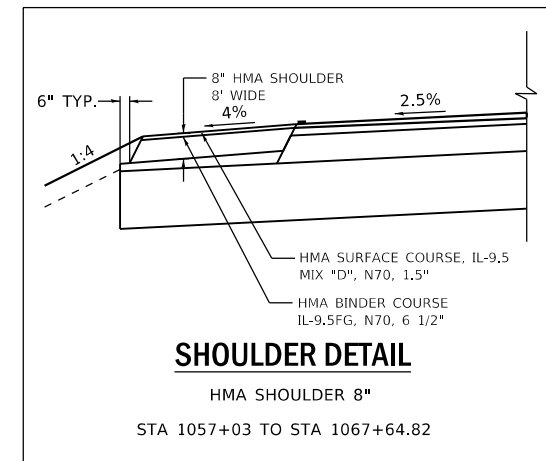


**PEACE ROAD**

STA 1053+25 TO STA 1067+64.82

**LEGEND**

- |   |   |
|---|---|
| ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, (1.5")                               | ⑨ COMB CONC. CC&G TB6.24                  |
| ② HMA BINDER COURSE, IL-9.5 FG, N70, (1" MIN. & VARIES)                         | ⑩ COMB CONC. CC&G TB6.12 (REVERSE PITCH)  |
| ③ HMA ASPHALT BASE COURSE, 8½"  | ⑪ CONC. MEDIAN SURFACE, 4"                |
| ④ AGGREGATE SUBGRADE IMPROVEMENT, 12" W/GEOTECH FABRIC FOR GROUND STABILIZATION | ⑫ AGGREGATE FILL, 6"                      |
| ⑤ SUBBASE GRANULAR MATERIAL, TYPE C   | ⑬ PIPE UNDERDRAINS, TYPE 3                |
| ⑥ HMA SHOULDER, 8" (HMA SURFACE COURSE (1.5") AND HMA BINDER (6½"))             | ⑭ GUARDRAIL                               |
| ⑦ TOPSOIL EXCAVATION AND PLACEMENT (4")   | ⑮ LONGITUDINAL JOINT SEALANT (SEE NOTE 3) |
| ⑧ PR PVMT MKG. SHALL BE THERMOPLASTIC   | ⑯ HMA SURFACE REMOVAL, 1"                 |



**NOTES**

- DITCH GRADING ENDS AT STA 1054+50
- COMB. CONC. CURB & GUTTER FROM STA 1053+10.2 TO STA 1057+03
- LONGITUDINAL JOINT SEALANT TO BE CONSTRUCTED ON THE TOP LIFT OF HMA BINDER

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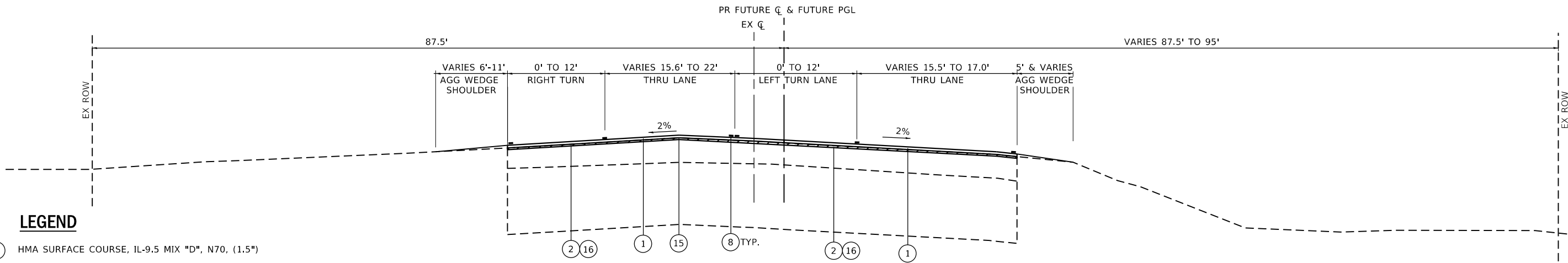
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	DATE - 12-21-21	REVISED -

CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
PROPOSED TYPICAL SECTIONS**

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

F.A.U. RTE. 5369/9700	SECTION 19-00194-00-ES	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 13
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT	



**LEGEND**

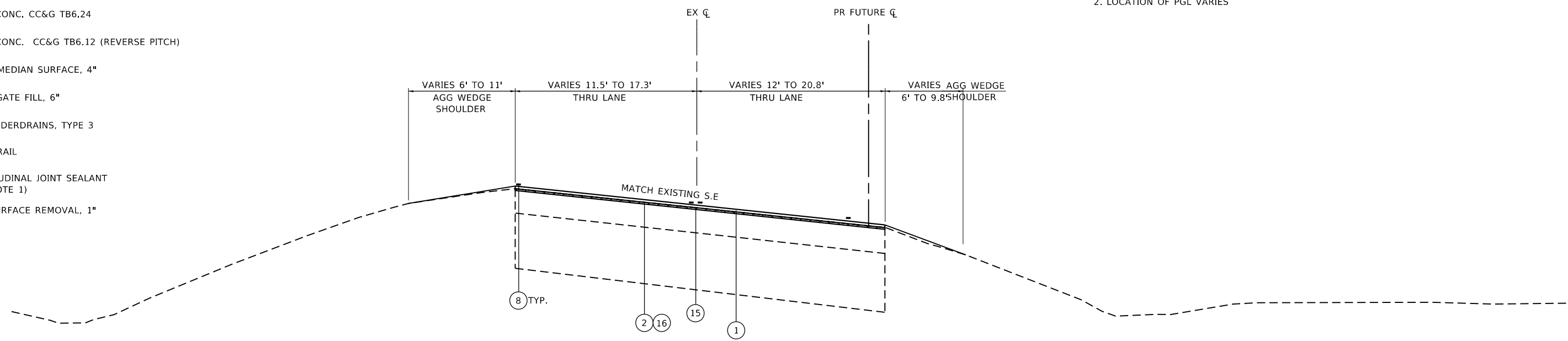
- ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, (1.5")
- ② HMA BINDER COURSE, IL-9.5 FG, N70, (1" MIN. & VARIES)
- ③ HMA ASPHALT BASE COURSE, 8½"
- ④ AGGREGATE SUBGRADE IMPROVEMENT, 12" W/GEOTECH FABRIC FOR GROUND STABILIZATION
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑥ HMA SHOULDER, 8" (HMA SURFACE COURSE (1.5") AND HMA BINDER (6½"))
- ⑦ TOPSOIL EXCAVATION AND PLACEMENT (4")
- ⑧ PR PVMT MKG. SHALL BE THERMOPLASTIC
- ⑨ COMB CONC. CC&G TB6.24
- ⑩ COMB CONC. CC&G TB6.12 (REVERSE PITCH)
- ⑪ CONC. MEDIAN SURFACE, 4"
- ⑫ AGGREGATE FILL, 6"
- ⑬ PIPE UNDERDRAINS, TYPE 3
- ⑭ GUARDRAIL
- ⑮ LONGITUDINAL JOINT SEALANT (SEE NOTE 1)
- ⑯ HMA SURFACE REMOVAL, 1"

**PEACE ROAD**

STA 1067+64.8 TO 1090+75  
STA 1097+50 TO 1103+54.5

**NOTES**

- 1. LONGITUDINAL JOINT SEALANT TO BE CONSTRUCTED ON THE TOP LIFT OF HMA BINDER
- 2. LOCATION OF PGL VARIES



**PEACE ROAD**

STA 1090+75 TO 1097+50

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PLOT SCALE = 1:10	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
PROPOSED TYPICAL SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	14
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT	

# EARTHWORK SCHEDULE

LOCATION	EARTHWORK					
	20200100		EMBANKMENT	20400800	21101505	31101900
	EARTH EXCAVATION	TOPSOIL STRIPPING SEE NOTE 1		BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT	SUBBASE GRANULAR MATERIAL, TYPE C
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(TON)
FAIRVIEW DRIVE						
West of Peace Road	343.0	1164.5	881.0	-590.0	359.5	85.0
East of Peace Road	324.0	1121.2	1010.0	-735.0	323.8	0.0
PEACE ROAD	1950.0	5938.5	6127.0	-4470.0	2099.5	112.0
						119.0
FREE-FLOW RIGHT TURN LANE RADIUS & ISLAND	394.0	546.2	539.0	-205.0	95.9	18.0
<b>TOTAL</b>	<b>3011.0</b>	<b>8770.4</b>	<b>8560</b>	<b>-6000</b>	<b>2879</b>	<b>334</b>
TOTAL EARTH EXCAVATION	11785					
NOTE 1: TOPSOIL STRIPING QUANTITY SHALL BE PAID FOR AS EARTH EXCAVATION. THE EXISTING TOPSOIL WAS ESTIMATED ON AVERAGE OF 1' DEEP. THE QUANTITY SHOWN FOR TOPSOIL STRIPING IS LESS THE QUANTITY FOR TOPSOIL EXCAVATION AND PLACEMENT. NO SHRINKAGE FACTOR USED TO DETERMINE TOPSOIL CALCULATIONS.						
NOTE 2: FOR DETERMINATION OF EMBANKMENT, A SHRINKAGE FACTOR OF 15% WAS ASSUMED.						
NOTE 3: THE AVERAGE THICKNESS OF 4" OF TOPSOIL WAS ASSUMED						

# LANDSCAPING AND EROSION CONTROL SCHEDULE

LOCATION	25000210	25000400	25000500	25000600	25100630	28000250	28000305	28000400	28000500	28000510	28100107	28200200	
	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET & PIPE PROTECTION	INLET FILTERS	STONE RIPRAP, CLASS A4	FILTER FABRIC	
BEGIN STA	END STA	(ACRE)	(POUND)	(POUND)	(POUND)	(SQ YD)	(POUND)	(FOOT)	(FOOT)	(EACH)	(EACH)	(SQ YD)	(SQ YD)
1032+76	1048+00	1.69	152.2	152.2	152.2	8,186.8	169.15	280	2,746	2			
1048+00	1063+00	1.95	175.7	175.7	175.7	9,448.5	195.22	260	3,301.8	2	3	145.0	145.0
1063+00	1067+65	0.26	23.4	23.4	23.4	1,260.3	26.04	40	930				
199+09	206+50	0.85	76.1	76.1	76.1	4,094.8	84.60	90	1,501	3			
210+00	216+23	0.60	54.2	54.2	54.2	2,913.9	60.20	80	1,081	1			
<b>TOTAL</b>		5.35	481.7	481.7	481.7	25904.3	535.2	750	9559.8	8	3	145.0	145.0
<b>ADJUSTED TOTAL</b>		5.50	482	482	482	25905	536	750	9560	8	3	145	145

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 PROJECT: 15-00185-00-15-SCUOTY\_1.dgn

# PAVEMENT SCHEDULE

LOCATION		21001000	30300112	31101900	35501318	40200900	40600290	40600982	40600990	40602970	40604062	44000100	44000153	44201749
		GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	SUBBASE GRANULAR MATERIAL, TYPE C	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	CLASS D PATCHES, TYPE I, 9 INCH
		(SQ YD)	(SQ YD)	(TON)	(SQ YD)	(CU YD)	(POUND)	(SQ YD)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)
BEGIN STA	END STA													
1032+76	1048+00	1,491.6	1,491.6		46838.9			293.5	19.6		545.6	682.7	6,495.8	
1048+00	1063+00	1,746.6	1,746.6		11032.0		2764			6,192	1099.0	480.0	13,083.7	
1063+00	1078+00	866.7	866.7		15488.1			305.0	64.0		743.2	12.8	8,847.8	
1078+00	1093+00			400							393.1	411.7	4,680.0	
1093+00	1103+55							247.1	16.9		283.9	107.4	3,379.4	
199+08.73	206+50	5,810.6	5,810.6		10793.1	14		250.7	16.9		283.8	78.9	3,379.0	
210+00	216+22.79	3,558.1	3,558.1		11817.1	20	1441	205.7	13.3	807	216.8	378.9	2,581.4	
CONTINGENCY														15.0
<b>TOTAL</b>		13474	13474	400	10049	34	4205	1302	131	6999	3566	2152	42447	15
<b>ADJUSTED TOTAL</b>		13474	13474	400	10049	34	4205	1302	131	6999	3566	2152	42447	15

# PAVEMENT SCHEDULE

LOCATION		44201753	44201757	44201759	48102100	48203029	60603100	60603800	60605000	60618300	63000001	63100045	63100167	66700205
		CLASS D PATCHES, TYPE II, 9 INCH	CLASS D PATCHES, TYPE III, 9 INCH	CLASS D PATCHES, TYPE IV, 9 INCH	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 8"	CONCRETE GUTTER TRANSITION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 4 INCH	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	PERMANENT SURVEY MARKERS, TYPE I
		(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(SQ YD)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(EACH)	(EACH)	(EACH)
BEGIN STA	END STA													
1032+76	1048+00					982.8								
1048+00	1063+00					915.7	30	120	581	2661.3				1
1063+00	1078+00		21	67	210.5	513.7								
1078+00	1093+00				335.2	413.2								
1093+00	1103+55				237.3									
199+08.73	206+50	15	30			659.0					12.5	1	1	
210+00	216+22.79	12		25										5
CONTINGENCY														
<b>TOTAL</b>		27	51	93	783	2971	30	120	581	2662	12.5	1	1	6
<b>ADJUSTED TOTAL</b>		27	51	93	783	2971	30	120	581	2662	12.5	1	1	6

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USER NAME = \$USERS	DESIGNED - KAC	REVISED -
DRAWN - SS	REVISIONS -	
PLOT SCALE = \$SCALE\$	CHECKED - YOO	REVISED -
PLOT DATE = 04-12-21	DATE - 12-21-21	REVISED -

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
SCHEDULE OF QUANTITIES

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

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 16
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT	



# DRAINAGE SCHEDULE

LOCATION	20800150	50105220	54213657	54214503	54214521	54248160	542A0217	542A0223	542A5473	542A5491	56400800	60100060
	TRENCH BACKFILL	PIPE CULVERT REMOVAL	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 36"	PIPE CULVERTS, CLASS A, TYPE 1 12"	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FIRE HYDRANT AND VALVE TO BE MOVED	CONCRETE HEADWALLS FOR PIPE DRAINS
	(CU YD)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)
1032+76 1048+00 Left												2
1032+76 1048+00 Right												2
1048+00 1063+00 Left	167.0	185	1		2	2		63			1	2
1048+00 1063+00 Right	99.5	102			2	2				154	1	2
1063+00 1067+65 Left												
1063+00 1067+65 Right												
199+09 206+50 Left		84	2				48					2
199+09 206+50 Right												2
210+00 216+23 Left	10.0		2	1					69			2
210+00 216+23 Right				1			48					2
<b>TOTAL</b>	276.5	371	5	2	4	4	96	63	69	154	2	16
<b>ADJUSTED TOTAL</b>	277	371	5	2	4	4	96	63	69	154	2	16

# DRAINAGE SCHEDULE

LOCATION	60108100	60108501	60223700	60223800	60236200	60255500	60265700
	PIPE UNDERDRAINS 4" (SPECIAL)	PIPE UNDERDRAINS, TYPE 3	MANHOLES, TYPE A, 6'- DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 6'- DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 8 GRATE	MANHOLES TO BE ADJUSTED	VALVE VAULTS TO BE ADJUSTED
	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
1032+76 1048+00 Left	62	1,094					
1032+76 1048+00 Right	27	1,093					
1048+00 1063+00 Left	40	1,660	2	1	1		3
1048+00 1063+00 Right	34	1,673				1	
1063+00 1067+65 Left		465					
1063+00 1067+65 Right		465					
199+09 206+50 Left	17	741					
199+09 206+50 Right	19	742					
210+00 216+23 Left	29	615					
210+00 216+23 Right	31	618					
<b>TOTAL</b>	258	9166	2	1	1	1	3
<b>ADJUSTED TOTAL</b>	258	9166	2	1	1	1	3

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USER NAME = SUSERS	DESIGNED - KAC	REVISED -
	DRAWN - SS	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - YOO	REVISED -
PLOT DATE = 04-12-21	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
SCHEDULE OF QUANTITIES**

SCALE: NA SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 17
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT	

# PAVEMENT MARKING SCHEDULE

LOCATION		70300100	70300150	70307100	70307120	70307130	70307140	70307160	70307210	72000100	72400100	72400310	72400500	72400710	72800100
		SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	SIGN PANEL - TYPE 1	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
		(FOOT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(EACH)	(SQ FT)	(EACH)	(EACH)	(FOOT)
BEGIN STA	END STA														
1032+76	1048+00	504.4	168.0	57.1	6913.4	166.0	0	527.0	0	25.5	1	0	1	0.0	30
1048+00	1063+00	814.9	271.4	213.1	9078.1	1192.5	711.0	538.0	165.3	24.0	4	30	3	18	30
1063+00	1078+00	719.3	239.5	93.6	7535.2	850.8	0	566.5	69.8	0	0	0	0	0	0
1078+00	1093+00	323.6	107.8		6571.5	3.4	0	115.1	0	0	0	0	0	0	0
1093+00	1103+55	267.1	88.9		5053.8	0	0	0	0	0	0	0	0	0	0
199+08.73	206+50	342.0	113.9	78.0	3717.2	504.0	0	266.4	0	15.4	2	36	1	15	30
210+00	216+22.79	272.5	90.7	15.6	3332.9	48.7	0	77.3	0						
<b>TOTAL</b>		3243.9	1080.2	457.4	42202.1	2765.4	711.0	2090.2	235.1	64.9	7	66	5	33	90
<b>ADJUSTED TOTAL</b>		3244	11831	457	42202	2766	711	2090	235	65	7	66	5	33	90

(Includes Temp Pvmnt Marking)

# PAVEMENT MARKING SCHEDULE

LOCATION		78000100	78000200	78000400	78000500	78000600	78000650	78100100	78200006	78300200	78300201
		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	GUARDRAIL REFLECTORS, TYPE B	RAISE REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - GRINDING
		(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(SQ FT)
BEGIN STA	END STA										
1032+76	1048+00	57.1	6913.4	166.0		527.0		68	0	56	2078
1048+00	1063+00	213.1	9078.1	1192.5	711	538.0	165.3	153	0	41	3916
1063+00	1078+00	93.6	7535.2	850.8		566.5	69.8	86	0		3085
1078+00	1093+00	0.0	6571.5	3.4		115.1		76	0	15	1527
1093+00	1103+55	0.0	5053.8	0				52	0	40	1,491
199+08.73	206+50	78.0	3717.2	504.0		266.4		46	4	0	1489
210+00	216+22.79	15.6	3332.9	48.7		77.3		28	0	0	812
<b>TOTAL</b>		457.4	42202.1	2765.4	711.0	2090.2	235.1	509	4	152	14398
<b>ADJUSTED TOTAL</b>		457	42202	2766	711	2090	235	509	4	152	14398

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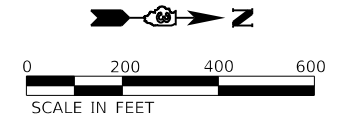
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	DRAWN - SS	REVISED -
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PLOT DATE = 04-12-21	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
SCHEDULE OF QUANTITIES**

SCALE: NA      SHEET 3 OF 4 SHEETS      STA.      TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 18
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT	



**CURVE DATA**

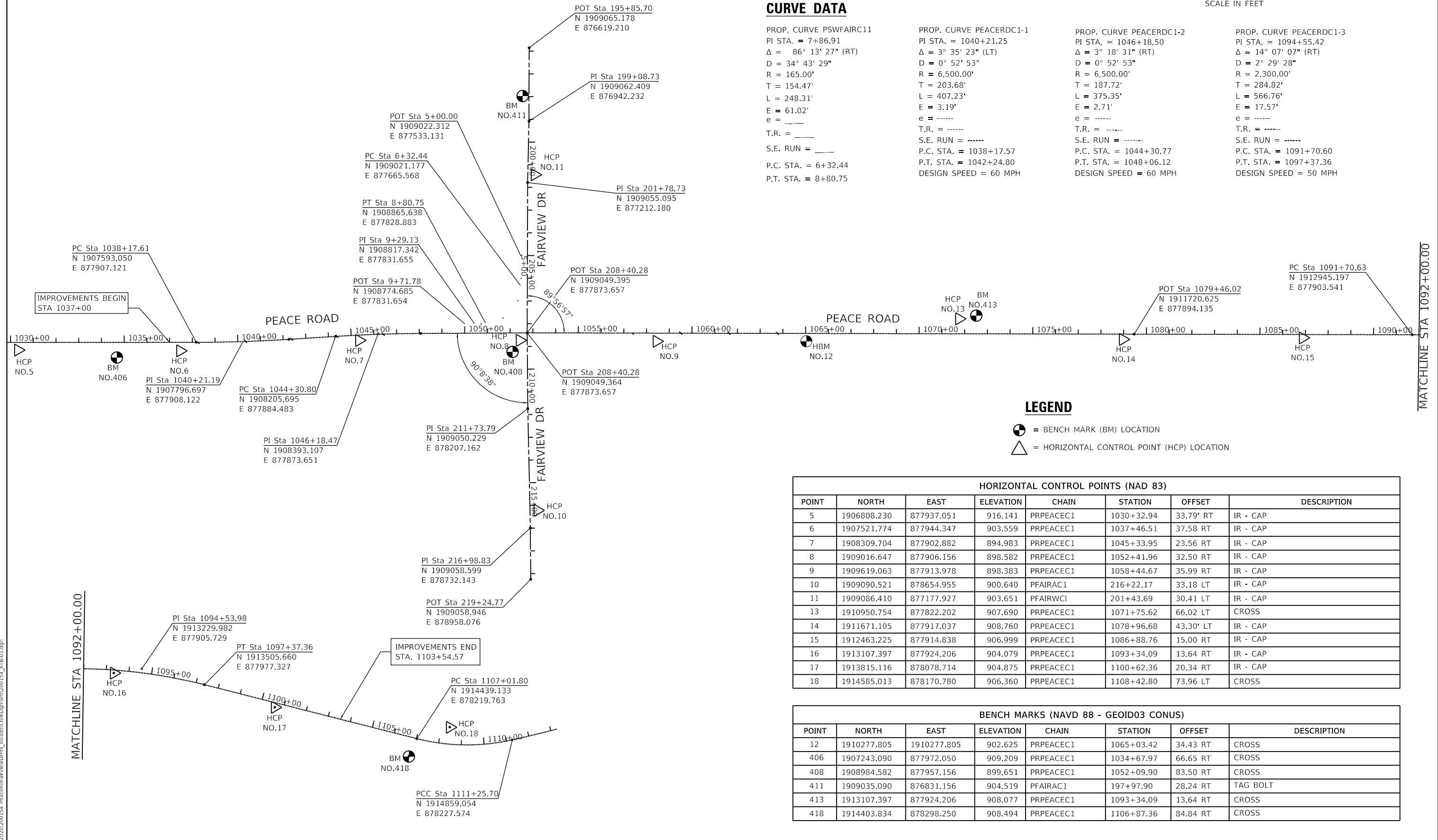
Curve Name	PI STA.	Δ	D	R	T	L	E	e	T.R.	S.E. RUN	P.C. STA.	P.T. STA.	DESIGN SPEED
PROP. CURVE PSWFAIRC11	7+86.91	86° 13' 27" (RT)	34° 43' 29"	165.00'	154.47'	248.31'	61.02'	---	---	---	6+32.44	8+80.75	
PROP. CURVE PEACERDC1-1	1040+21.25	3° 35' 23" (LT)	0° 52' 53"	6,500.00'	203.68'	407.23'	3.19'	---	---	---	1038+17.57	1042+24.80	60 MPH
PROP. CURVE PEACERDC1-2	1046+18.50	3° 18' 31" (RT)	0° 52' 53"	6,500.00'	187.72'	375.35'	2.71'	---	---	---	1044+30.77	1048+06.12	60 MPH
PROP. CURVE PEACERDC1-3	1094+55.42	14° 07' 07" (RT)	2° 29' 28"	2,300.00'	284.82'	566.76'	17.57'	---	---	---	1091+70.60	1097+37.36	50 MPH

**LEGEND**

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

HORIZONTAL CONTROL POINTS (NAD 83)							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
5	1906808.230	877937.051	916.141	PRPEACEC1	1030+32.94	33.79' RT	IR - CAP
6	1907521.774	877944.347	903.559	PRPEACEC1	1037+46.51	37.58 RT	IR - CAP
7	1908309.704	877902.882	894.983	PRPEACEC1	1045+33.95	23.56 RT	IR - CAP
8	1909016.647	877906.156	898.582	PRPEACEC1	1052+41.96	32.50 RT	IR - CAP
9	1909619.063	877913.978	898.383	PRPEACEC1	1058+44.67	35.99 RT	IR - CAP
10	1909090.521	878654.955	900.640	PFAIRAC1	216+22.17	33.18 LT	IR - CAP
11	1909086.410	877177.927	903.651	PFAIRWCI	201+43.69	30.41 LT	IR - CAP
13	1910950.754	877822.202	907.690	PRPEACEC1	1071+75.62	66.02 LT	CROSS
14	1911671.105	877917.037	908.760	PRPEACEC1	1078+96.68	43.30' LT	IR - CAP
15	1912463.225	877914.838	906.999	PRPEACEC1	1086+88.76	15.00 RT	IR - CAP
16	1913107.397	877924.206	904.079	PRPEACEC1	1093+34.09	13.64 RT	IR - CAP
17	1913815.116	878078.714	904.875	PRPEACEC1	1100+62.36	20.34 RT	IR - CAP
18	1914585.013	878170.780	906.360	PRPEACEC1	1108+42.80	73.96 LT	CROSS

BENCH MARKS (NAVD 88 - GEOID03 CONUS)							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
12	1910277.805	1910277.805	902.625	PRPEACEC1	1065+03.42	34.43 RT	CROSS
406	1907243.090	877972.050	909.209	PRPEACEC1	1034+67.97	66.65 RT	CROSS
408	1908984.582	877957.156	899.651	PRPEACEC1	1052+09.90	83.50 RT	CROSS
411	1909035.090	876831.156	904.519	PFAIRAC1	197+97.90	28.24 RT	TAG BOLT
413	1913107.397	877924.206	908.077	PRPEACEC1	1093+34.09	13.64 RT	CROSS
418	1914403.834	878298.250	908.494	PRPEACEC1	1106+87.36	84.84 RT	CROSS



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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED - R2C13
PLOT SCALE = 1:400	DRAWN - SS	REVISED - R2C14
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED - R2C15
	DATE - 12-21-21	REVISED - R2C16

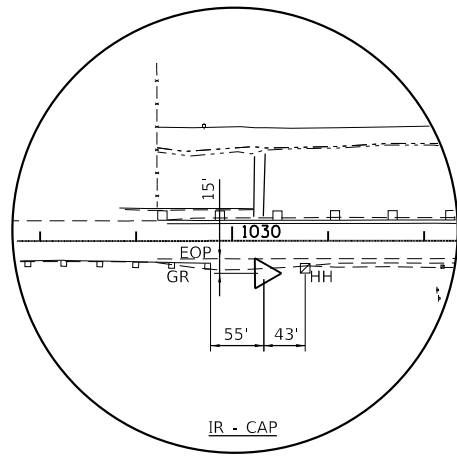
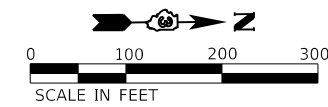
CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
ALIGNMENT, TIES & BENCHMARKS**

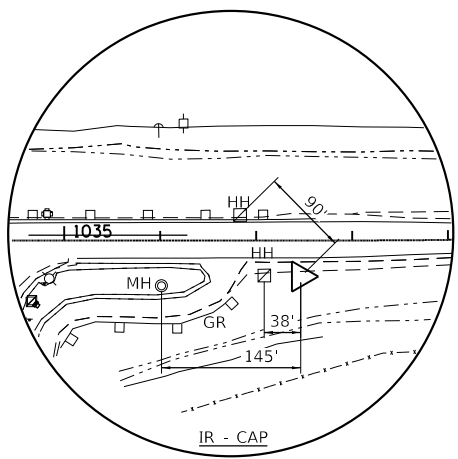
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F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 19
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

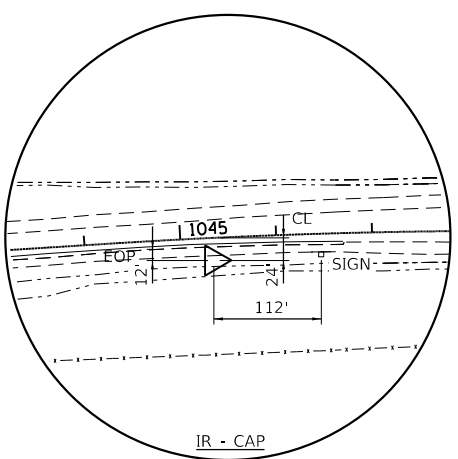
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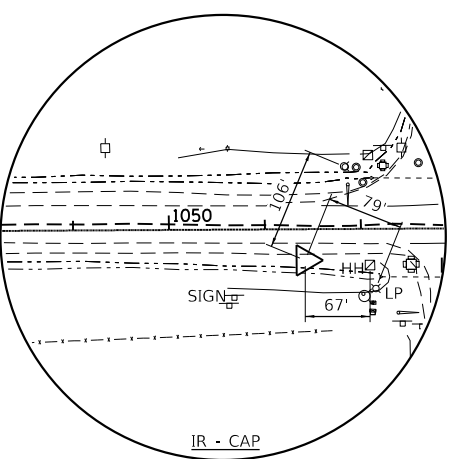
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POINT NO. 5**



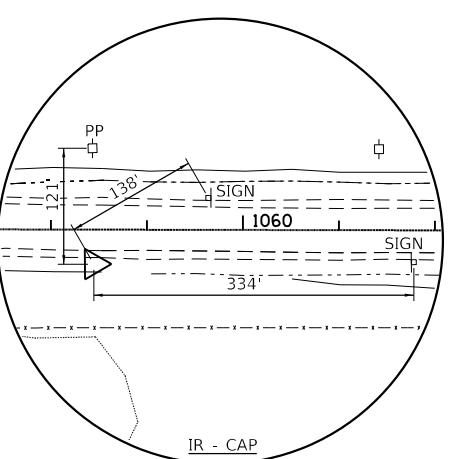
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POINT NO. 6**



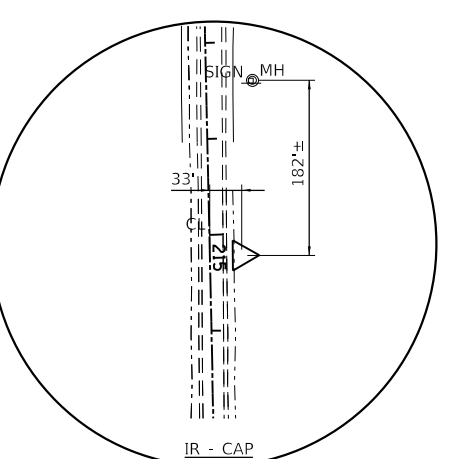
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POINT NO. 7**



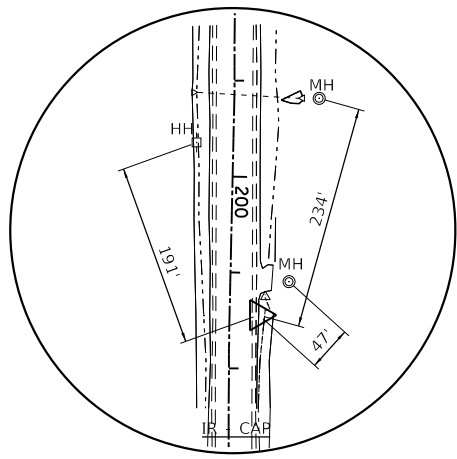
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POINT NO. 8**



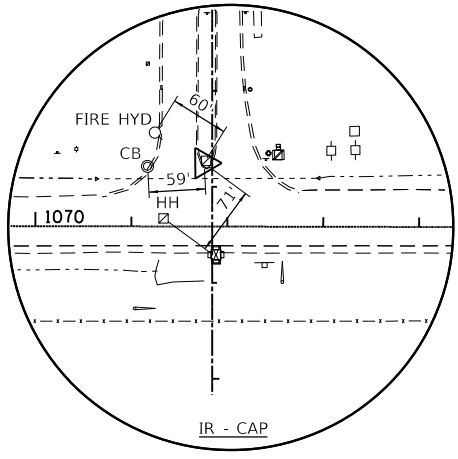
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POINT NO. 9**



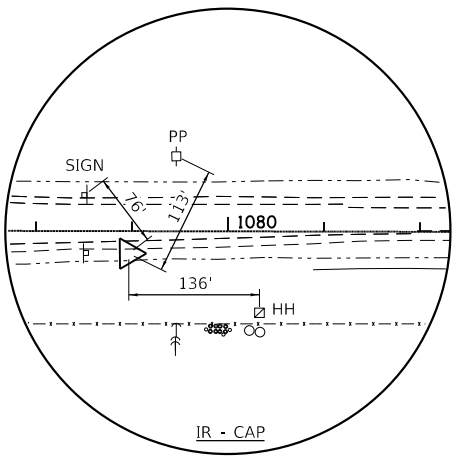
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POINT NO. 10**



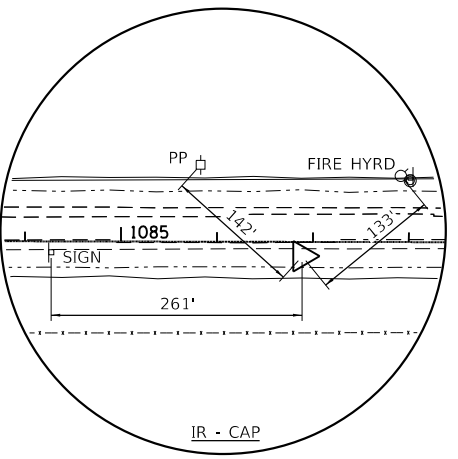
**HORIZONTAL CONTROL  
POINT NO. 11**



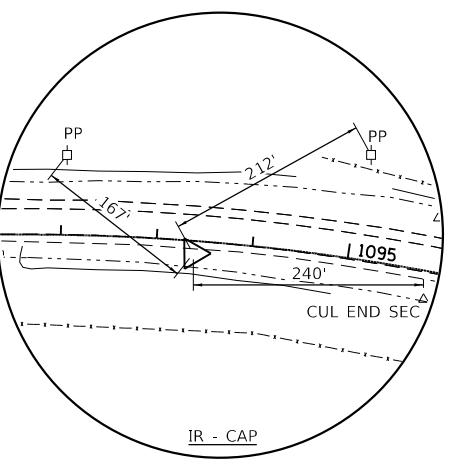
**HORIZONTAL CONTROL  
POINT NO. 13**



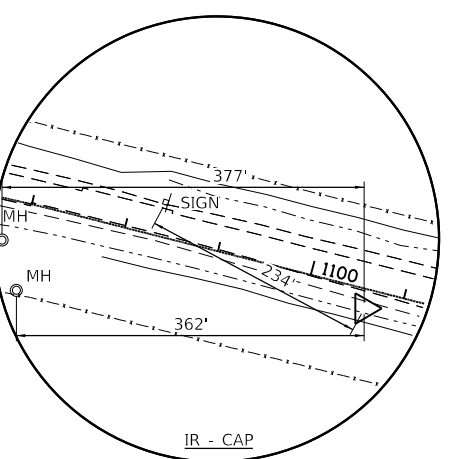
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POINT NO. 14**



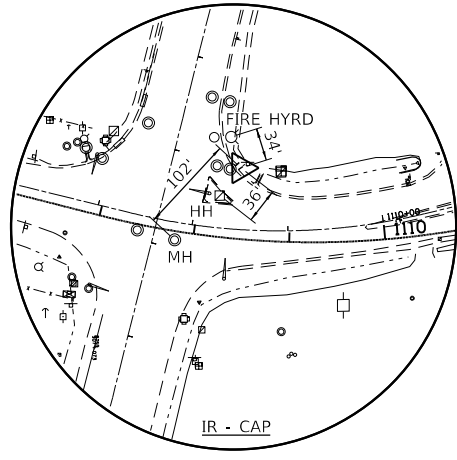
**HORIZONTAL CONTROL  
POINT NO. 15**



**HORIZONTAL CONTROL  
POINT NO. 16**



**HORIZONTAL CONTROL  
POINT NO. 17**



**HORIZONTAL CONTROL  
POINT NO. 18**

**BENCHMARK 406**

ELEVATION = 909.21' NAVD88

CROSS CUT ON THE SOUTHERN MOST CORNER OF A TRAFFIC SIGNAL CONTROL BOX LOCATED AT THE NORTHEAST CORNER OF PEACE ROAD AND THE WESTBOUND EXIT RAMP OF I-88 ONTO PEACE ROAD.

**BENCHMARK 408**

ELEVATION = 899.65' NAVD88

CROSS CUT ON THE SOUTHWEST CORNER OF A TRAFFIC SIGNAL CONTROL BOX LOCATED AT THE SOUTHWEST CORNER OF PEACE ROAD AND FAIRVIEW AVENUE.

**BENCHMARK 411**

ELEVATION = 904.52' NAVD88

TAG BOLT ON THE SECOND FIRE HYDRANT WEST OF THE CENTERLINE OF PEACE ROAD ON THE SOUTH SIDE OF FAIRVIEW ROAD. (APPROXIMATELY 1039' WEST OF CENTERLINE OF PEACE ROAD.)

**BENCHMARK 413**

ELEVATION = 908.08' NAVD88

CROSS CUT ON THE SOUTHWEST CORNER OF A TRAFFIC SIGNAL CONTROL BOX LOCATED AT THE NORTHWEST CORNER OF PEACE ROAD AND MACON DRIVE.

**BENCHMARK 418**

ELEVATION = 908.49' NAVD88

CROSS CUT ON THE SOUTHWEST CORNER OF A TRAFFIC SIGNAL CONTROL BOX LOCATED AT THE SOUTHWEST CORNER OF PEACE ROAD AND ILLINOIS ROUTE 38.

NOTE: ALL IRON RODS ARE 5/8"X24"REBAR WITH CAPS SET FOR CONTROL. COORDINATES ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE. GRID NORTH.

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

USER NAME = ssundaresan
PLOT SCALE = 1:200
PLOT DATE = 04-12-21

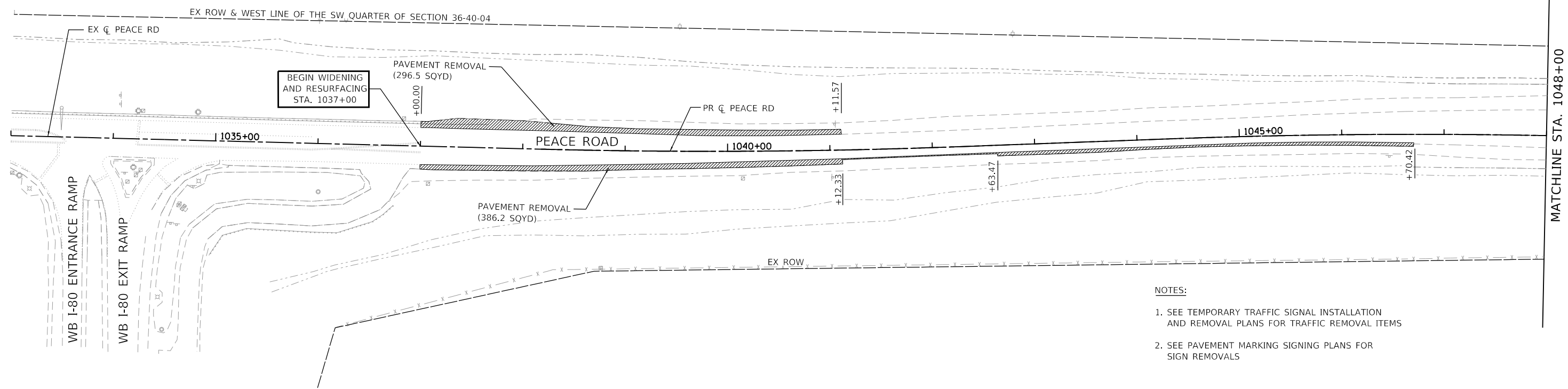
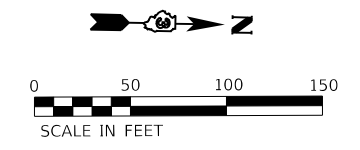
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DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

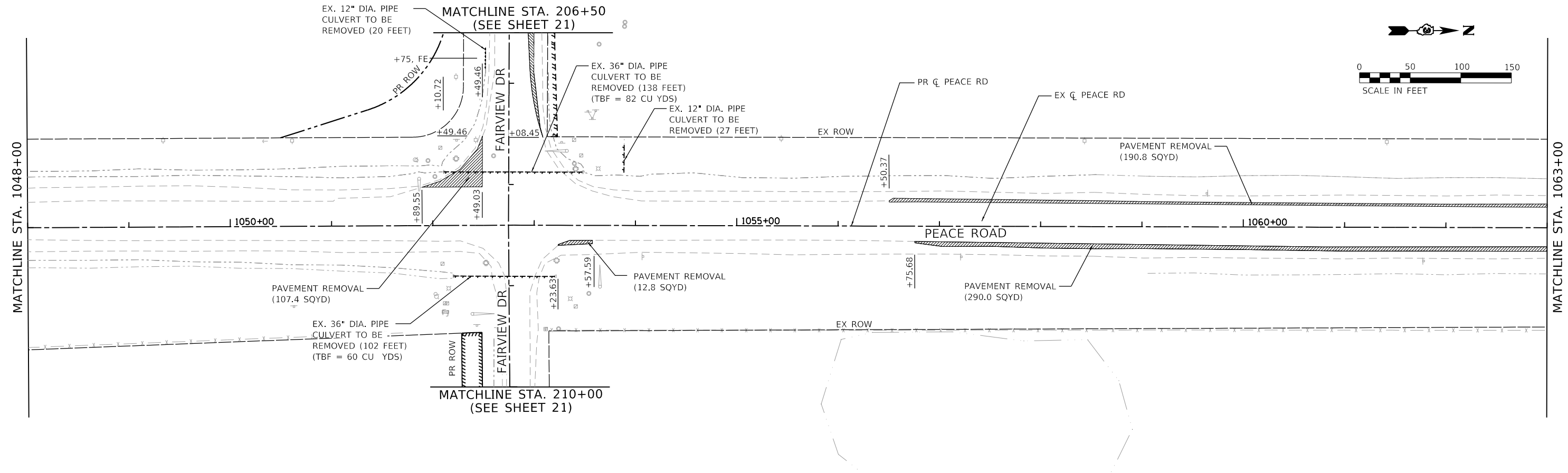
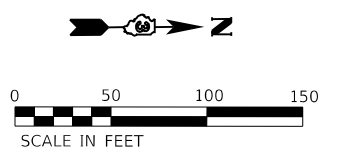
**PEACE ROAD AND FAIRVIEW DRIVE  
ALIGNMENT, TIES & BENCHMARKS**

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

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 20
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				



- NOTES:**
1. SEE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLANS FOR TRAFFIC REMOVAL ITEMS
  2. SEE PAVEMENT MARKING SIGNING PLANS FOR SIGN REMOVALS



FILE NAME = Z:\2020\200154 PeaceRdFairviewDPhl\_Itcadd\CivilDgn\Sh\200154-rem-01.dgn

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

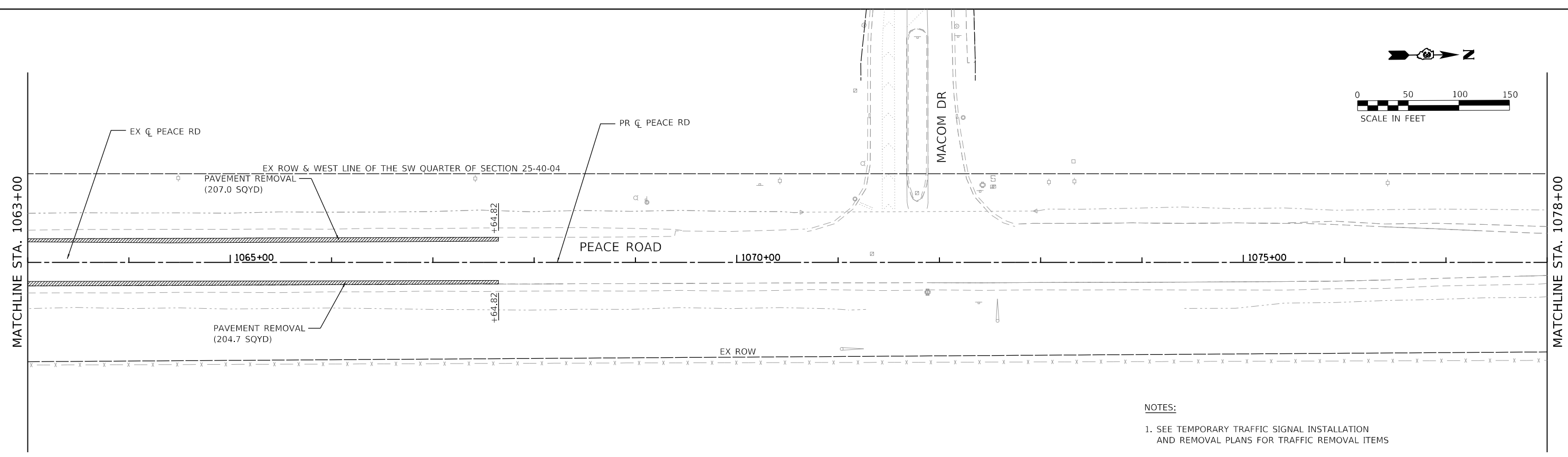
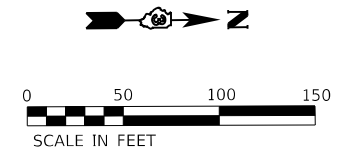
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	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

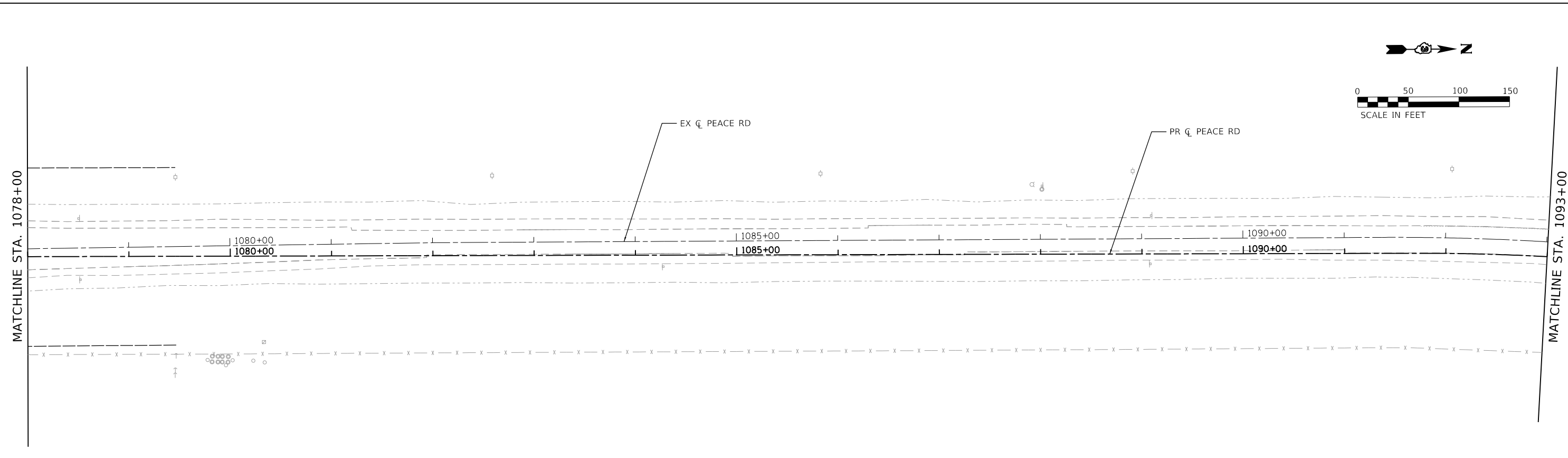
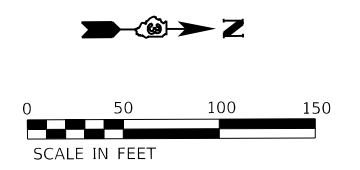
**PEACE ROAD AND FAIRVIEW DRIVE  
REMOVAL PLAN**

SCALE: AS SHOWN SHEET 1 OF 5 SHEETS STA. 1048+00 TO STA. 1063+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 113	SHEET NO. 21
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	



- NOTES:
1. SEE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLANS FOR TRAFFIC REMOVAL ITEMS
  2. SEE PAVEMENT MARKING SIGNING PLANS FOR SIGN REMOVALS



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

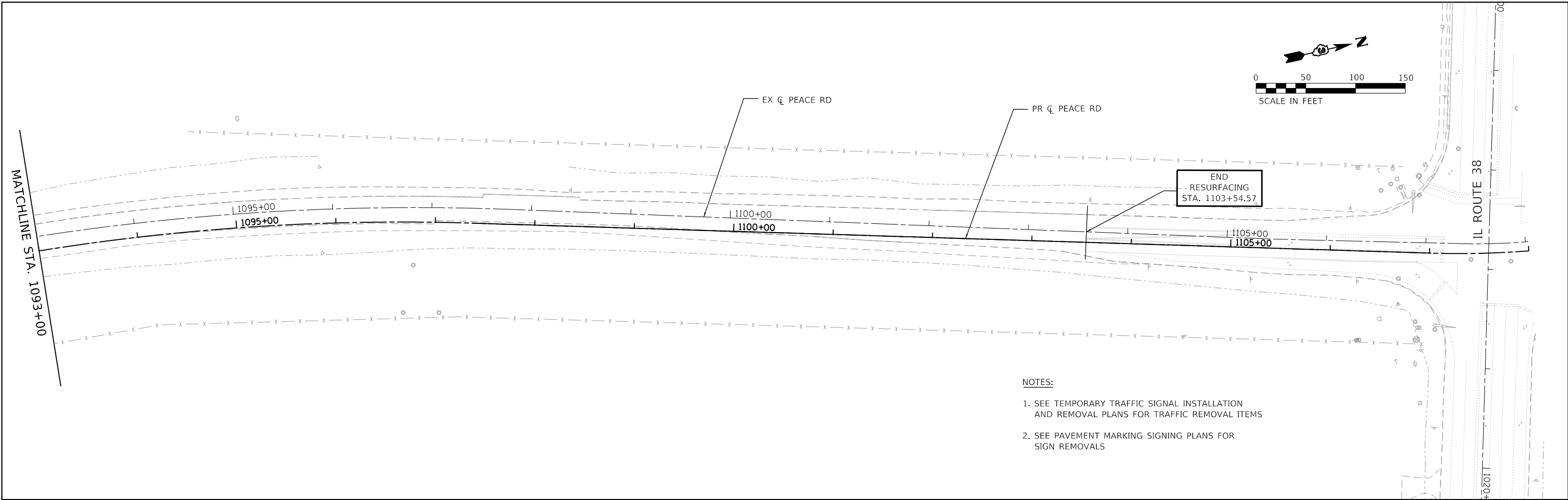
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	DATE - 12-21-21	REVISED -

CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
REMOVAL PLAN**

SCALE: AS SHOWN SHEET 2 OF 4 SHEETS STA. 1063+00 TO STA. 1093+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 113	SHEET NO. 22
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	



- NOTES:**
1. SEE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLANS FOR TRAFFIC REMOVAL ITEMS
  2. SEE PAVEMENT MARKING SIGNING PLANS FOR SIGN REMOVALS

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

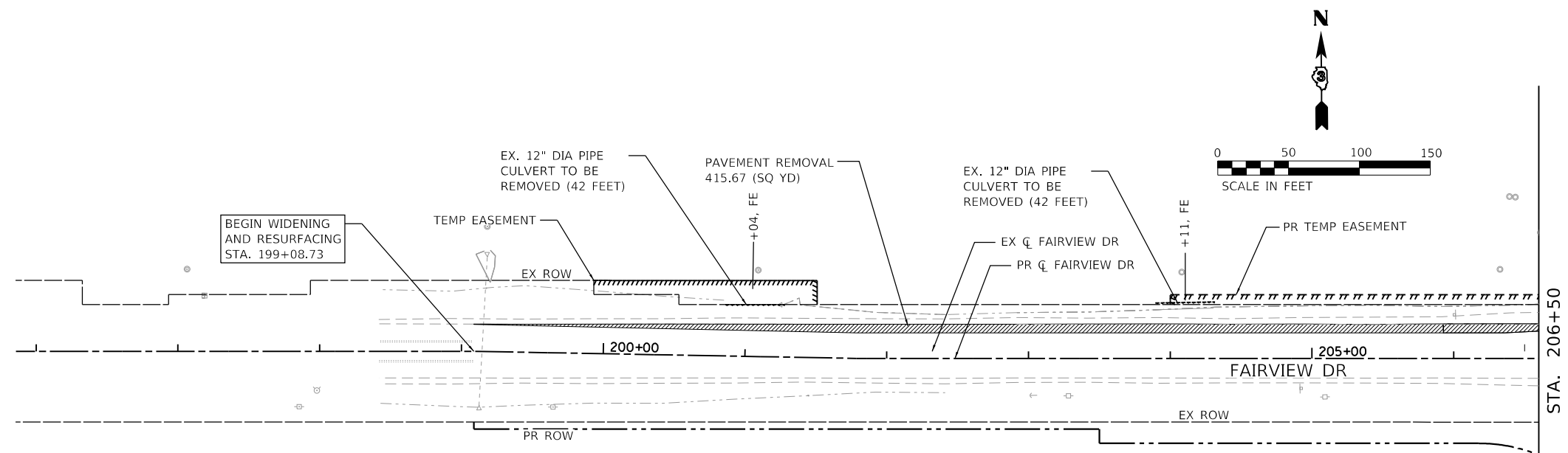
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**CITY OF DEKALB**

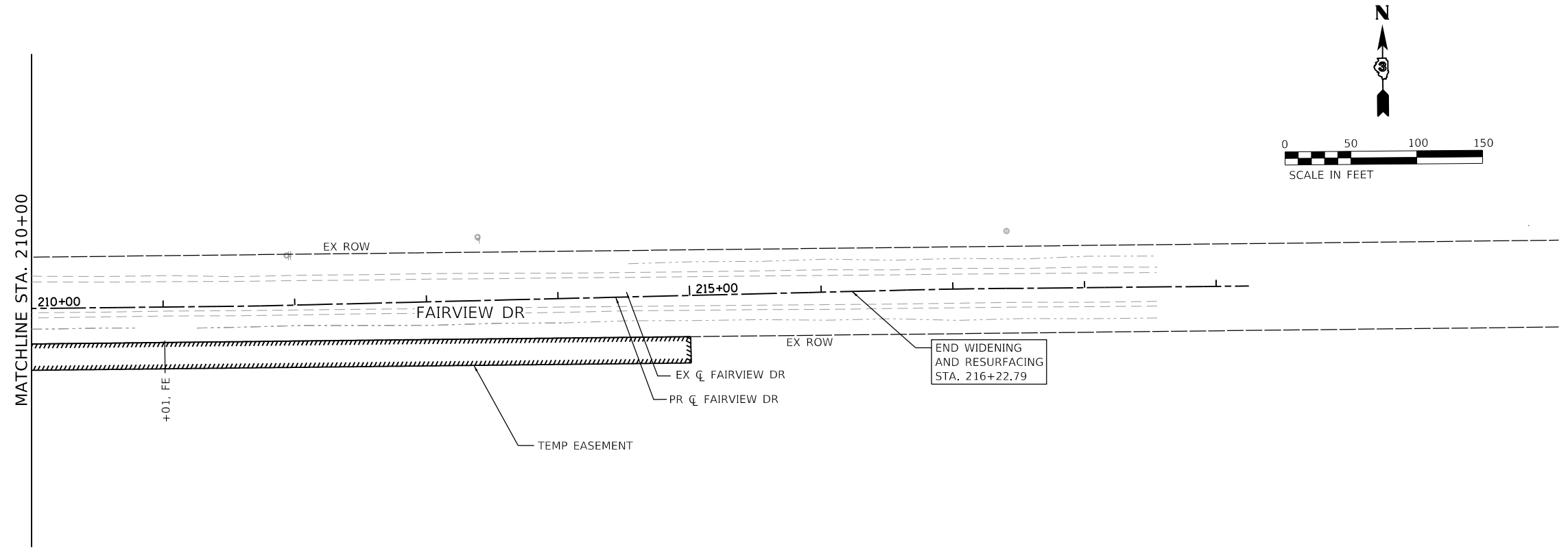
**PEACE ROAD AND FAIRVIEW DRIVE  
REMOVAL PLAN**

SCALE: AS SHOWN SHEET 3 OF 4 SHEETS STA. 1093+00 TO STA. 1103+54.57

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 23
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	



- NOTES:**
1. SEE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLANS FOR TRAFFIC REMOVAL ITEMS
  2. SEE PAVEMENT MARKING SIGNING PLANS FOR SIGN REMOVALS



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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:100	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
REMOVAL PLAN**

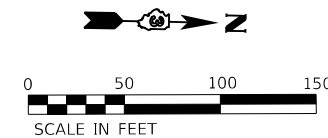
SCALE: AS SHOWN    SHEET 4 OF 4 SHEETS    STA. 199+08.73 TO STA. 216+22.79

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 24
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	



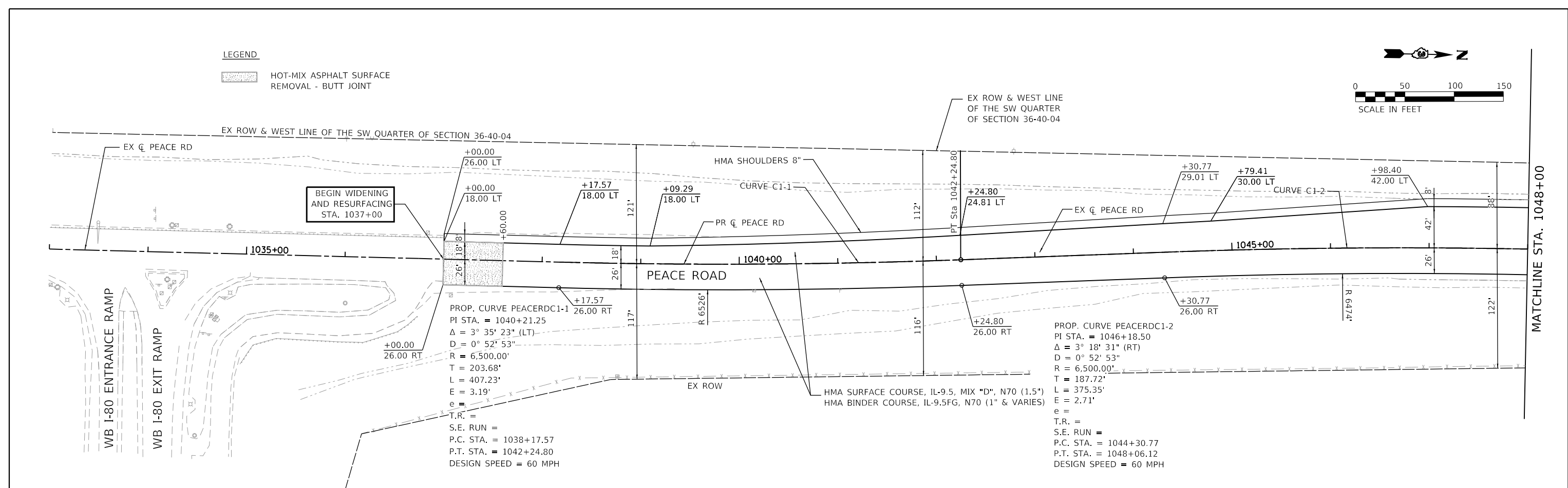
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 HOT-MIX ASPHALT SURFACE  
REMOVAL - BUTT JOINT



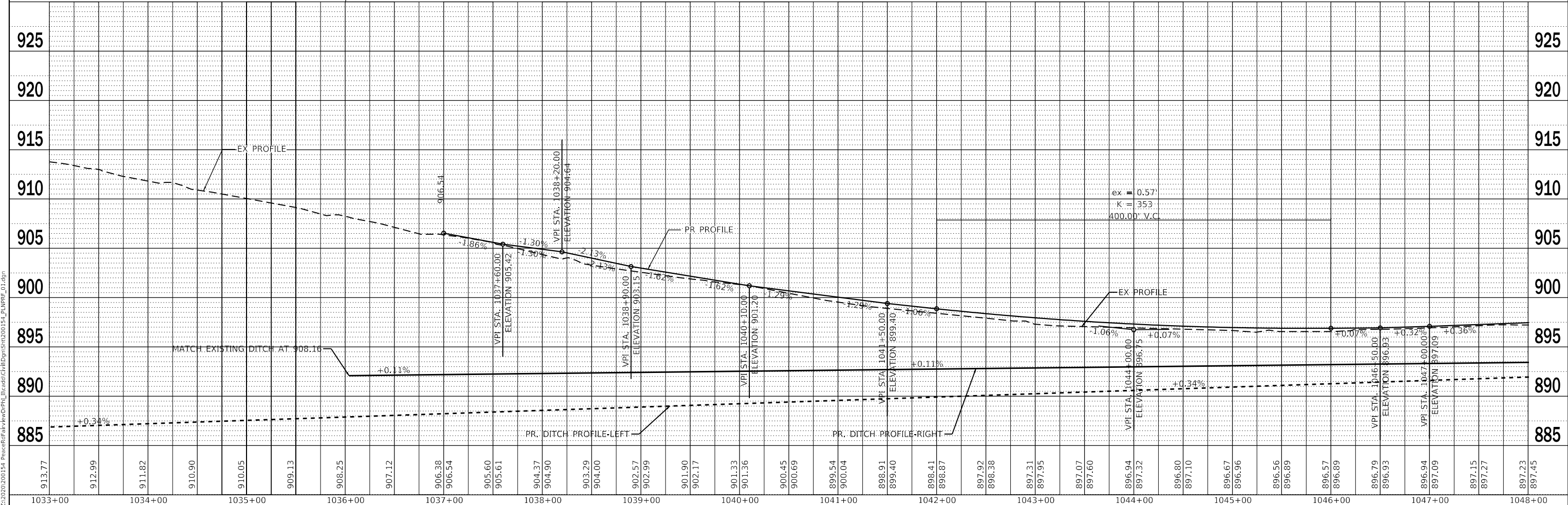
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	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	FILE NAME	



PROP. CURVE PEACERDC1-1  
PI STA. = 1040+21.25  
 $\Delta = 3^\circ 35' 23"$  (LT)  
 $D = 0^\circ 52' 53"$   
 $R = 6,500.00'$   
 $T = 203.68'$   
 $L = 407.23'$   
 $E = 3.19'$   
 $e =$   
T.R. =  
S.E. RUN =  
P.C. STA. = 1038+17.57  
P.T. STA. = 1042+24.80  
DESIGN SPEED = 60 MPH

PROP. CURVE PEACERDC1-2  
PI STA. = 1046+18.50  
 $\Delta = 3^\circ 18' 31"$  (RT)  
 $D = 0^\circ 52' 53"$   
 $R = 6,500.00'$   
 $T = 187.72'$   
 $L = 375.35'$   
 $E = 2.71'$   
 $e =$   
T.R. =  
S.E. RUN =  
P.C. STA. = 1044+30.77  
P.T. STA. = 1048+06.12  
DESIGN SPEED = 60 MPH

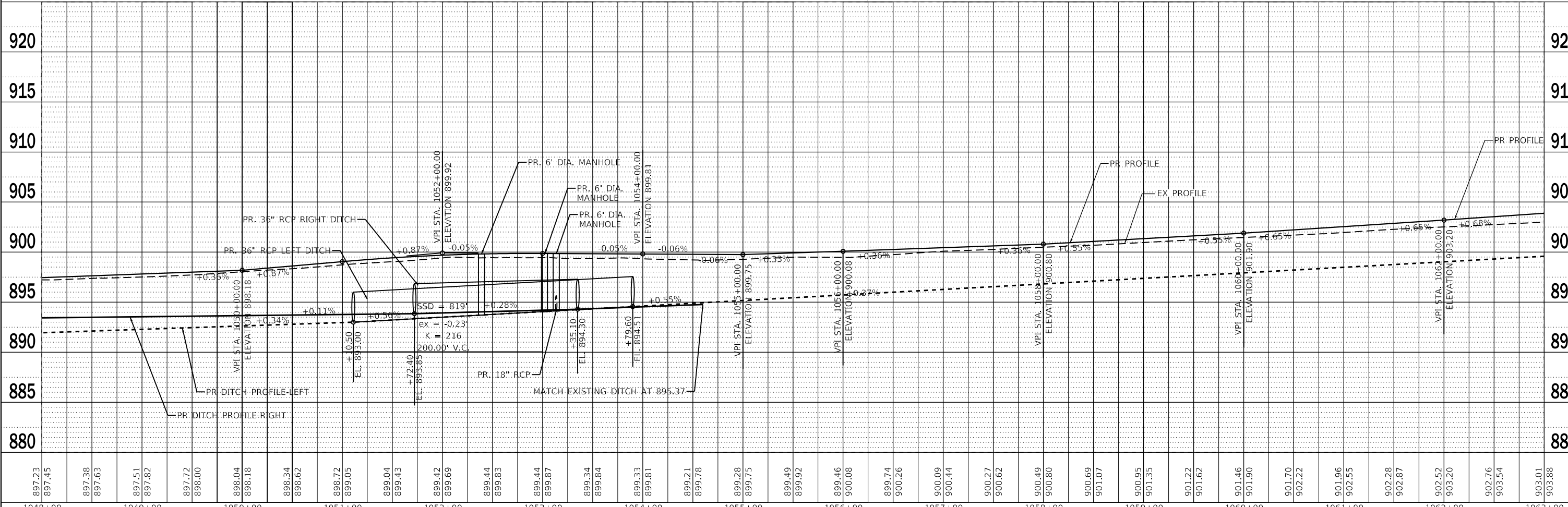
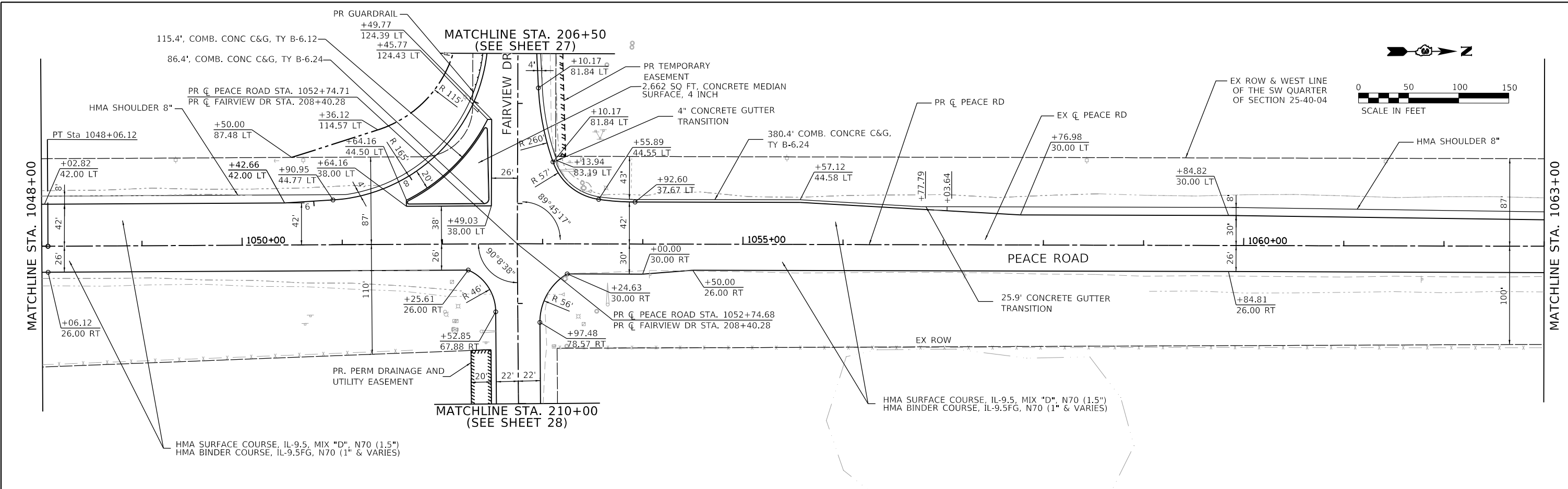


 <b>WBK ENGINEERING, LLC</b> 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = ssundaresan PLOT SCALE = 1:100 PLOT DATE = 04-12-21	DESIGNED - KAC DRAWN - SS CHECKED - YOO DATE - 12-21-21	REVISED - REVISED - REVISED - REVISED -	<b>CITY OF DEKALB</b>	<b>PEACE ROAD AND FAIRVIEW DRIVE</b> <b>PLAN &amp; PROFILE</b>		F.A.U. RTE. 5369/9700 SECTION 15-00185-00-WR COUNTY DEKALB ILLINOIS FED. AID PROJECT X	TOTAL SHEETS 117 SHEET NO. 25 CONTRACT NO. 87750	
	SCALE: AS SHOWN    SHEET 1 OF 7 SHEETS    STA. 1033+00 TO STA. 1048+00								

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	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



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1048+00	1049+00	1050+00	1051+00	1052+00	1053+00	1054+00	1055+00	1056+00	1057+00	1058+00	1059+00	1060+00	1061+00	1062+00	1063+00																																														

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:100	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
PLAN AND PROFILE**

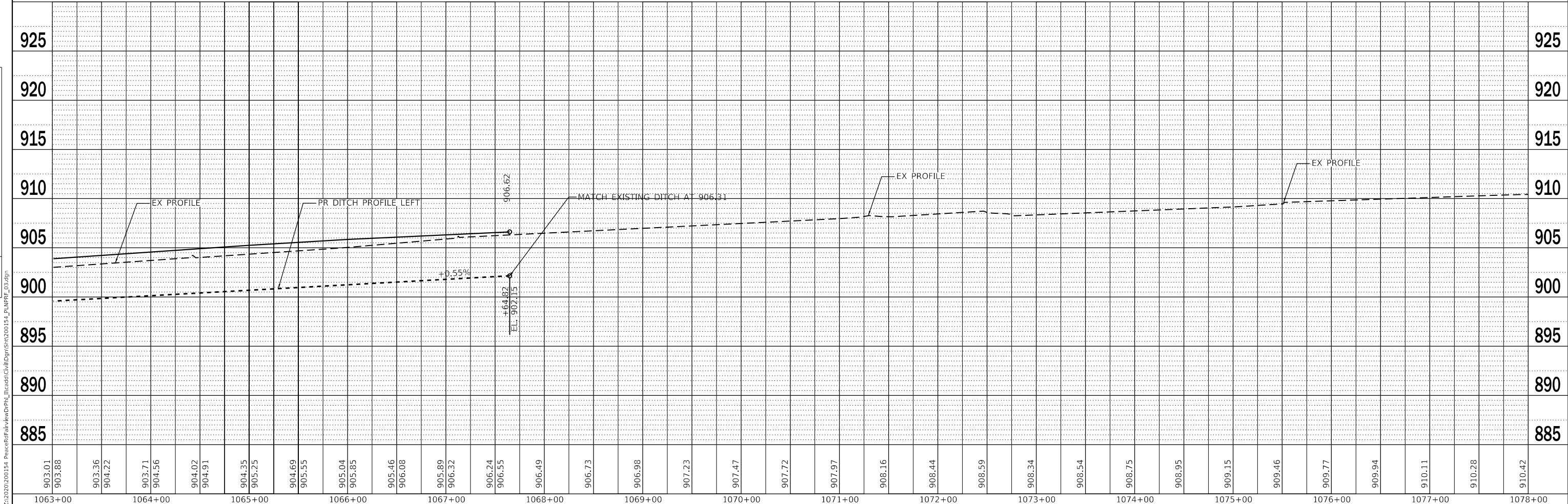
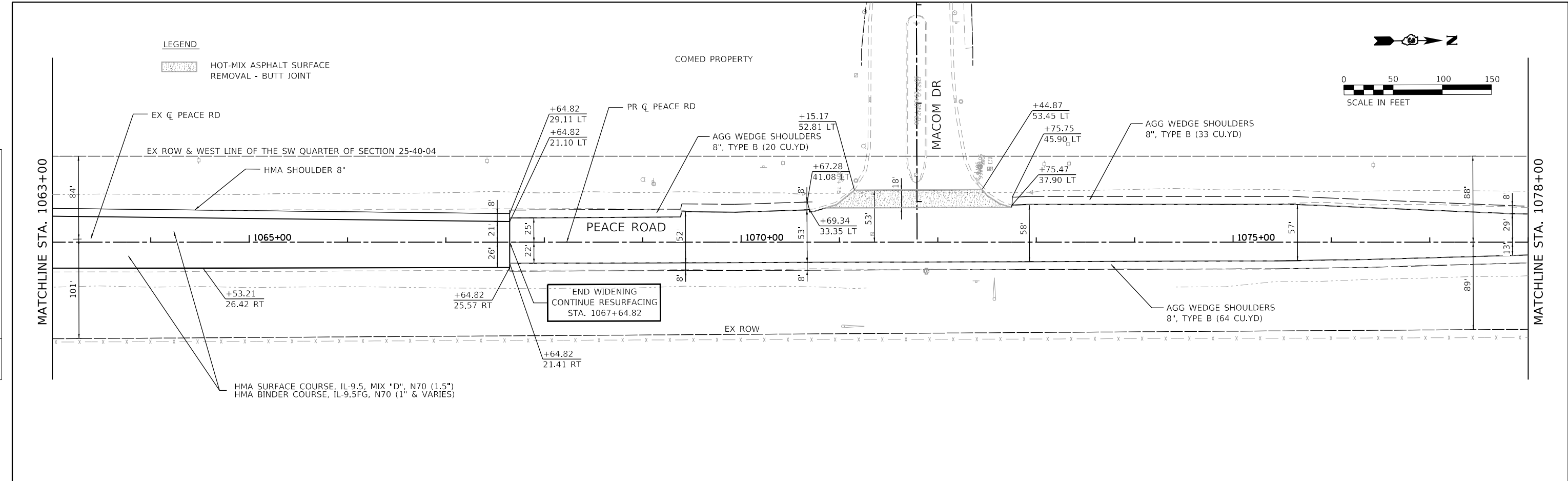
SCALE: AS SHOWN SHEET 2 OF 7 SHEETS STA. 1048+00 TO STA. 1063+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 26
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				

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	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	



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1063+00	1064+00	1065+00	1066+00	1067+00	1068+00	1069+00	1070+00	1071+00	1072+00	1073+00	1074+00	1075+00	1076+00	1077+00	1078+00																									

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

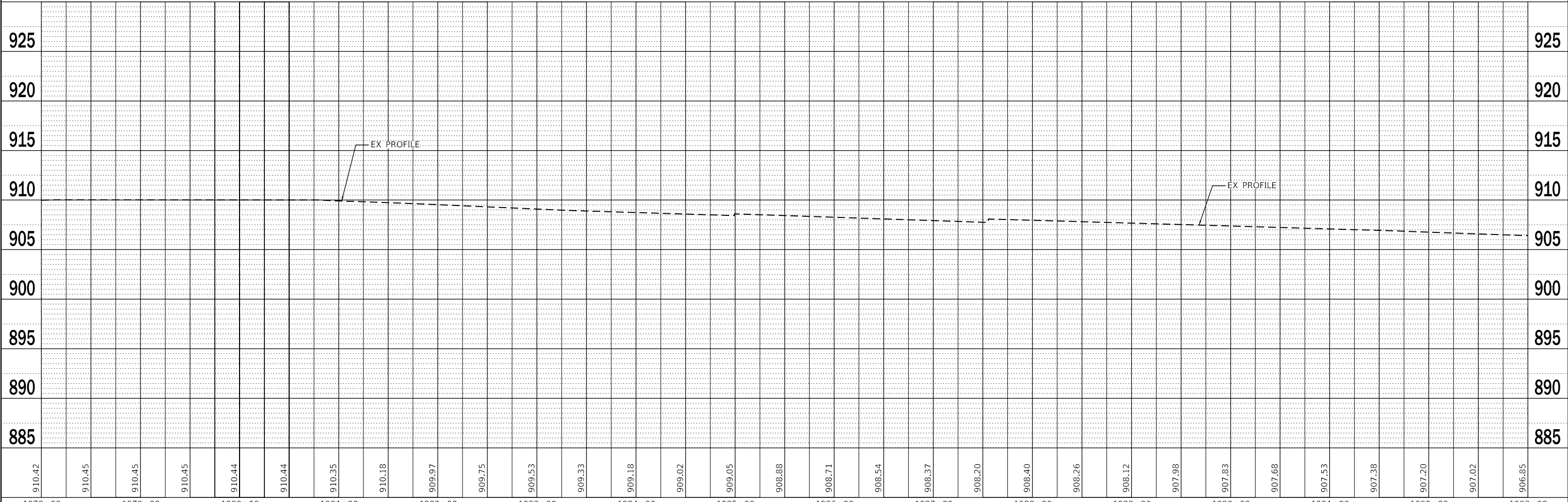
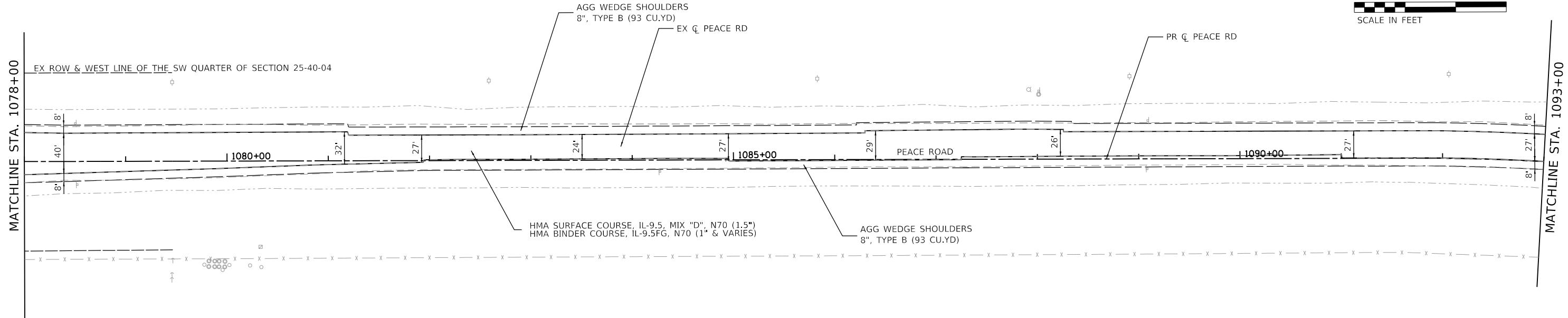
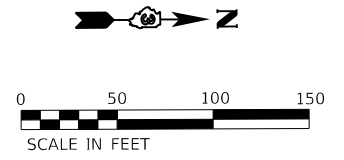
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CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 PLAN AND PROFILE

SCALE: AS SHOWN SHEET 3 OF 7 SHEETS STA. 1063+00 TO STA. 1078+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 27
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	



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

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

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1078+00	1079+00	1080+00	1081+00	1082+00	1083+00	1084+00	1085+00	1086+00	1087+00	1088+00	1089+00	1090+00	1091+00	1092+00	1093+00																	

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


USER NAME = ssundaresan	DESIGNED - KAC	REVISED - R2C13
PLOT SCALE = 1:100	DRAWN - SS	REVISED - R2C14
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED - R2C15
	DATE - 12-21-21	REVISED - R2C16

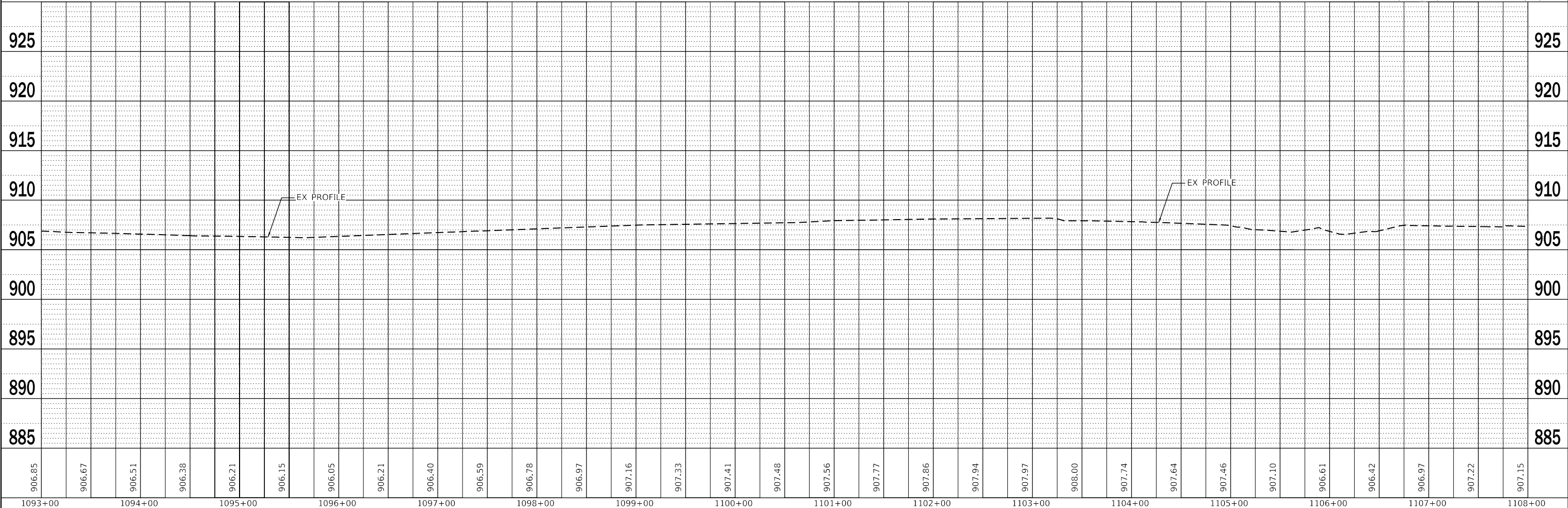
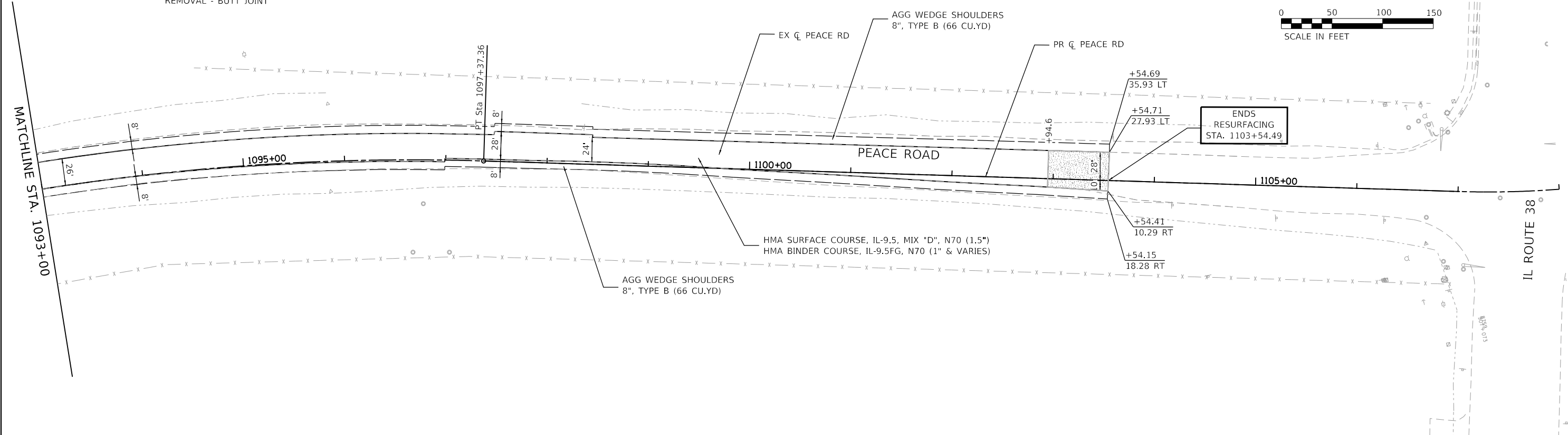
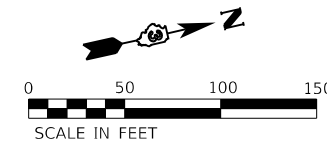
**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 PLAN AND PROFILE**

SCALE: AS SHOWN SHEET 4 OF 7 SHEETS STA. 1078+00 TO STA. 1093+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 113	SHEET NO. 28
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	

**LEGEND**  
 HOT-MIX ASPHALT SURFACE  
 REMOVAL - BUTT JOINT



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

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

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1093+00	1094+00	1095+00	1096+00	1097+00	1098+00	1099+00	1100+00	1101+00	1102+00	1103+00	1104+00	1105+00	1106+00	1107+00	1108+00																	

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:100	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 PLAN AND PROFILE**

SCALE: AS SHOWN SHEET 5 OF 7 SHEETS STA. 1093+00 TO STA. STA. 1103+54.57

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 29
CONTRACT NO. 87750				

ILLINOIS FED. AID PROJECT X

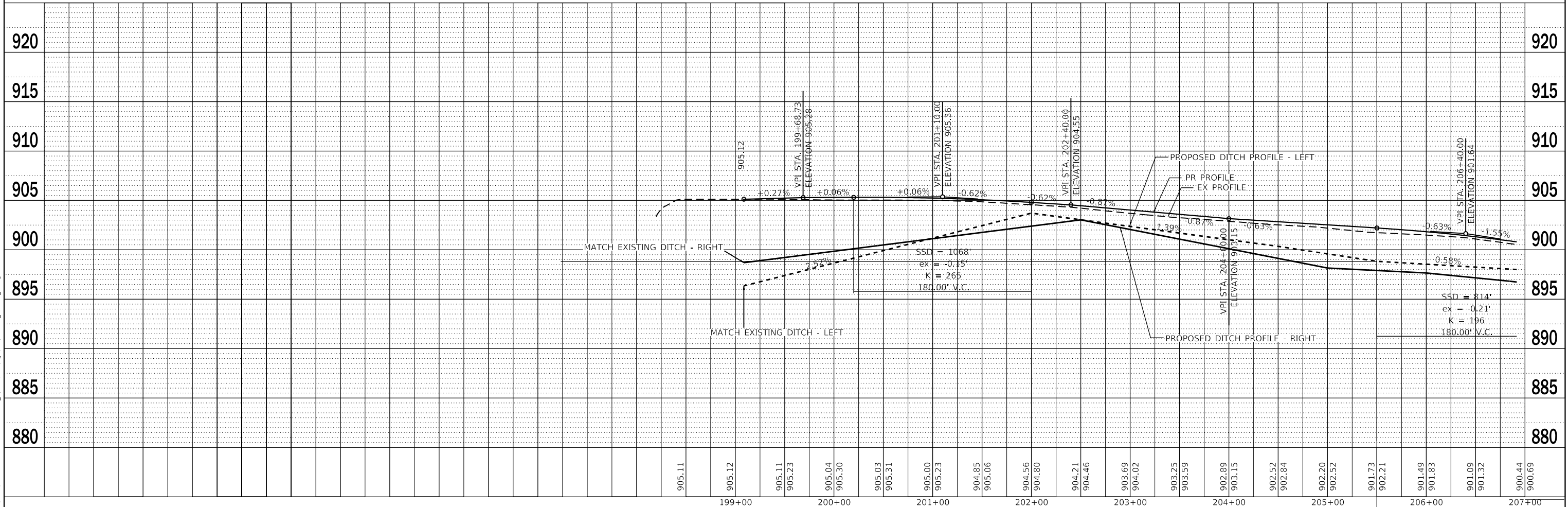
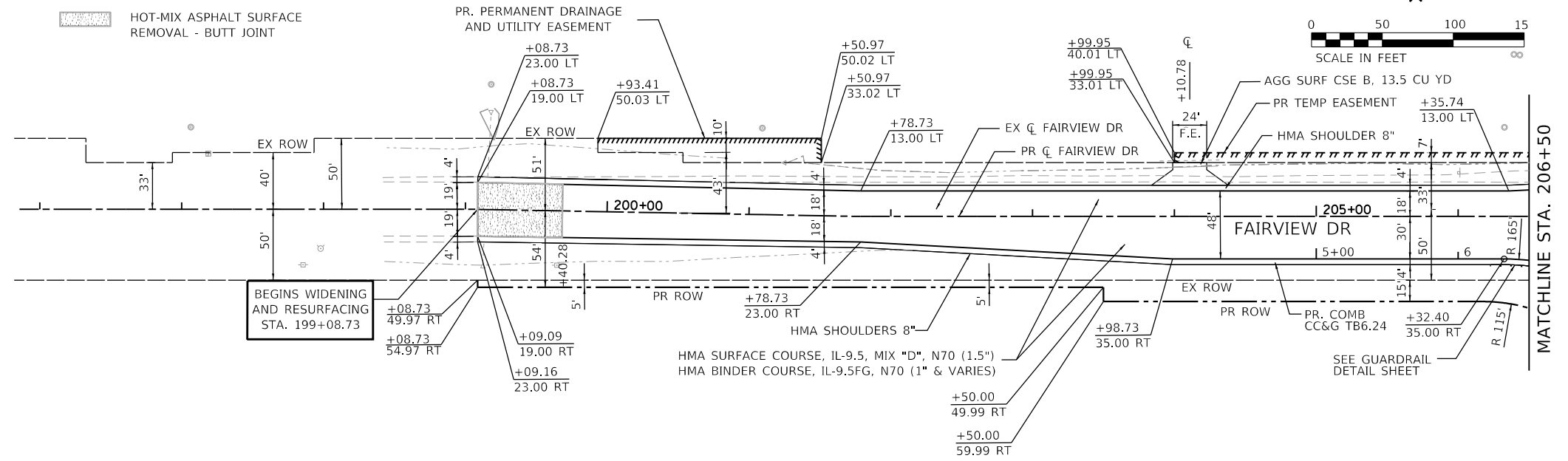
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	FILE NAME		

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**LEGEND**

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



<b>WBK ENGINEERING, LLC</b> 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = ssundaresan PLOT SCALE = 1:100 PLOT DATE = 04-12-21	DESIGNED - KAC DRAWN - SS CHECKED - YOO DATE - 12-21-21	REVISED - REVISED - REVISED - REVISED -	<b>CITY OF DEKALB</b>	<b>PEACE ROAD AND FAIRVIEW DRIVE</b> <b>PLAN AND PROFILE</b>			F.A.U. RTE. 5369/9700 SECTION 15-00185-00-WR COUNTY DEKALB ILLINOIS FED. AID PROJECT X	TOTAL SHEETS 117 SHEET NO. 30 CONTRACT NO. 87750
	SCALE: AS SHOWN SHEET 6 OF 7 SHEETS STA. TO STA. 206+50								

PLAN	SURVEYED	BY	DATE
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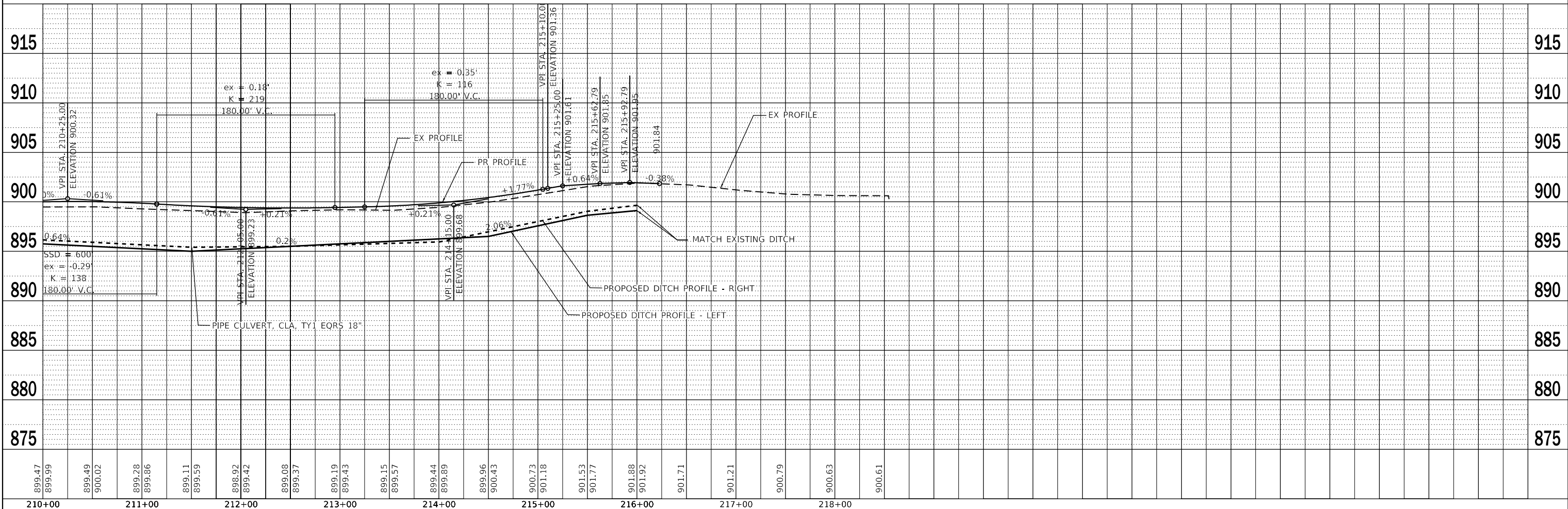
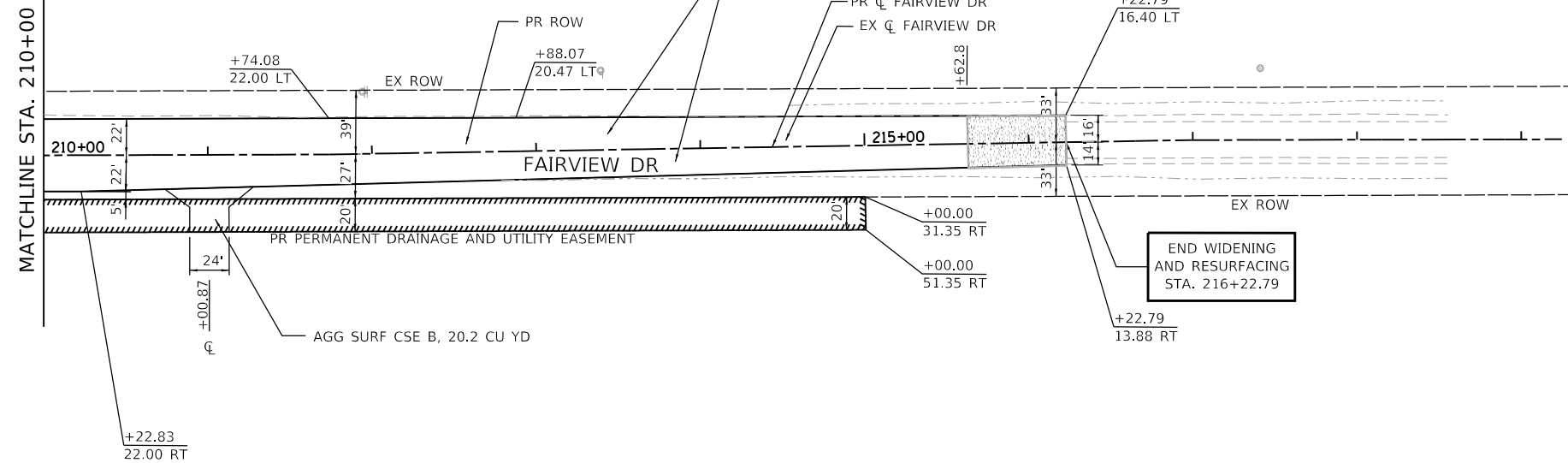
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	NOT AT THIS OFFICE		
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**LEGEND**

HOT-MIX ASPHALT SURFACE  
REMOVAL - BUTT JOINT

HMA SURFACE COURSE, IL-9.5, MIX "D", N70 (1.5")  
HMA BINDER COURSE, IL-9.5FG, N70 (1" & VARIES)



899.47	899.99	899.49	900.02	899.28	899.86	899.11	899.59	898.92	899.42	899.08	899.37	899.19	899.43	899.15	899.57	899.44	899.89	899.96	900.43	900.73	901.18	901.53	901.77	901.88	901.92	901.71	901.21	900.79	900.63	900.61	210+00	211+00	212+00	213+00	214+00	215+00	216+00	217+00	218+00
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**WBK ENGINEERING, LLC**  
116 WEST MAIN STREET, SUITE 201  
ST. CHARLES, ILLINOIS 60174  
(630) 443-7755

USER NAME = ssundaresan	DESIGNED - KAC	REVISED - R2C13
PLOT SCALE = 1:100	DRAWN - SS	REVISED - R2C14
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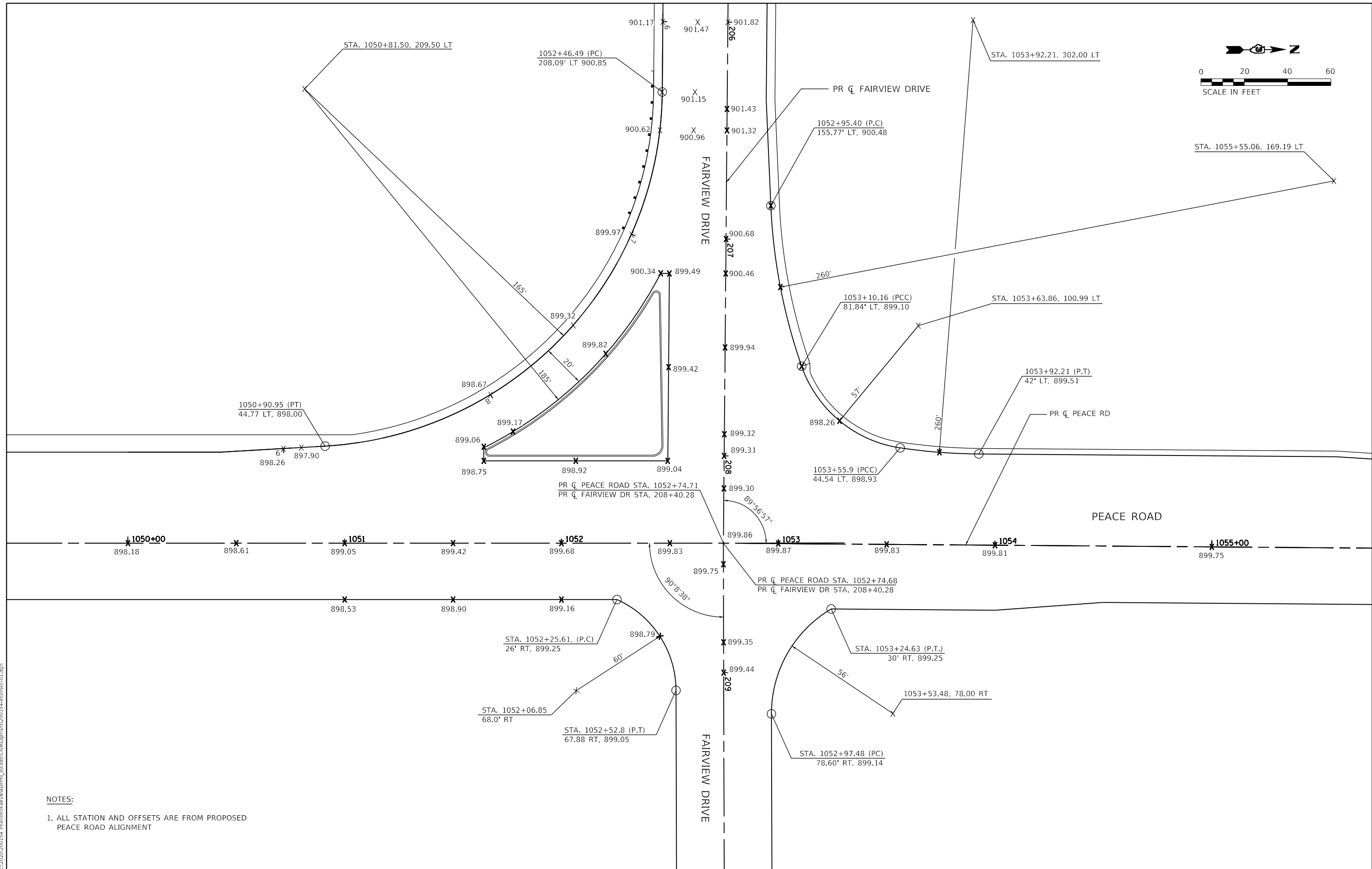
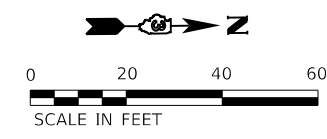
**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
PLAN AND PROFILE**

SCALE: AS SHOWN SHEET 7 OF 7 SHEETS STA. 210+00 TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 31
ILLINOIS		FED. AID PROJECT X		

CONTRACT NO. 87750



**NOTES:**  
 1. ALL STATION AND OFFSETS ARE FROM PROPOSED PEACE ROAD ALIGNMENT

FILE NAME = Z:\2020\200154\_PeaceRdFairviewDr\_Phl\_ItLead\CivilDgn\Sh\200154-Intersec-01.dgn

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
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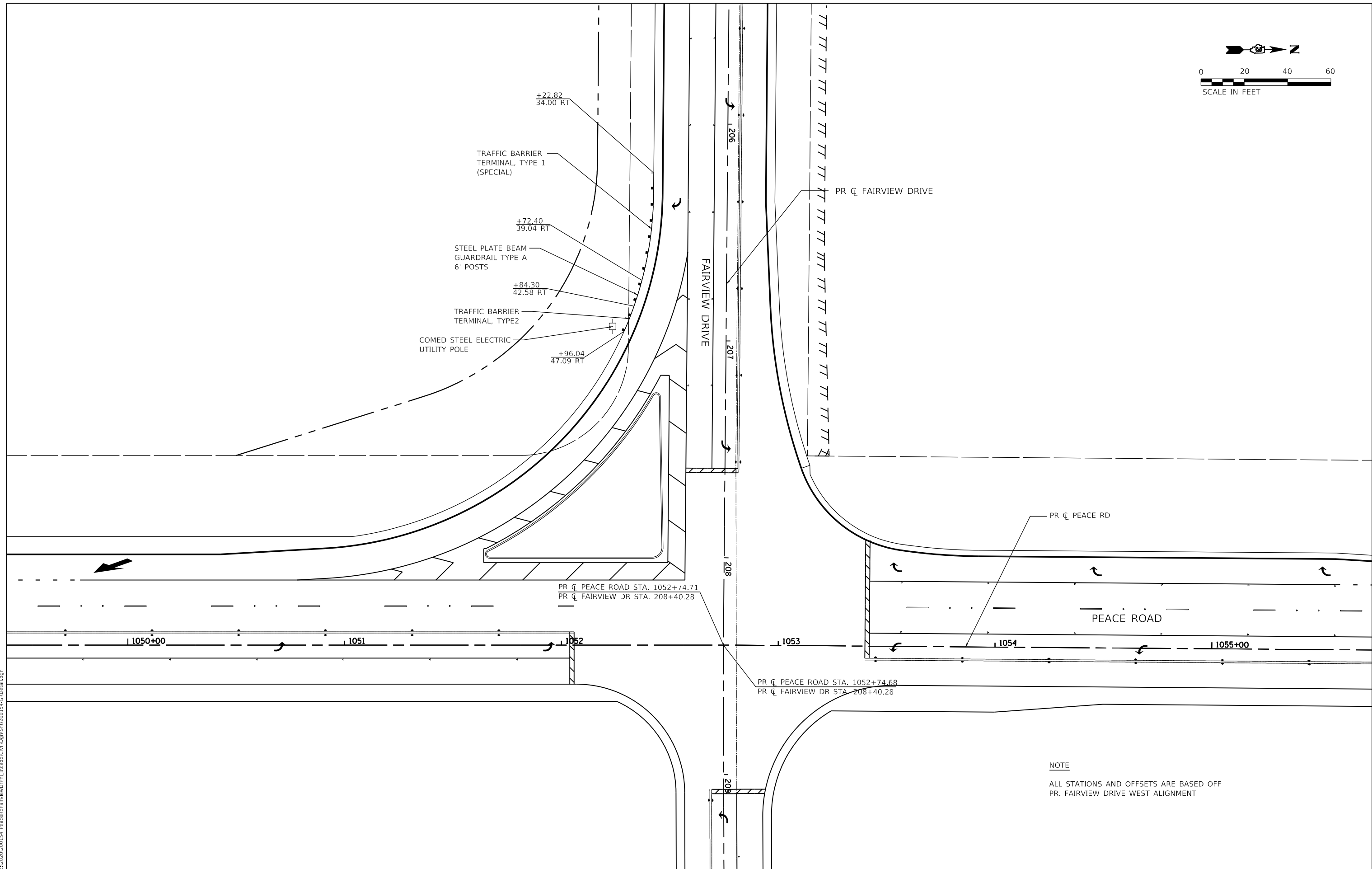
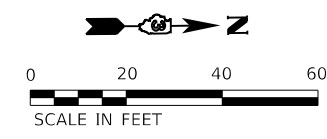
**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 INTERSECTION DETAILS**

SCALE: N.T.S.    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 32
CONTRACT NO. 87750				
ILLINOIS		FED. AID PROJECT X		





PR C PEACE ROAD STA. 1052+74.71  
PR C FAIRVIEW DR STA. 208+40.28

PR C PEACE ROAD STA. 1052+74.68  
PR C FAIRVIEW DR STA. 208+40.28

**NOTE**  
ALL STATIONS AND OFFSETS ARE BASED OFF  
PR. FAIRVIEW DRIVE WEST ALIGNMENT

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:40	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
GUARDRAIL DETAIL SHEET**

SCALE: N.T.S.    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 33
ILLINOIS			CONTRACT NO. 87750	
			FED. AID PROJECT X	

**EROSION CONTROL INSPECTION**

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

**WINTER SHUT DOWN**

A WINTER SHUTDOWN MAY BE REQUIRED FOR THIS PROJECT. 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.

**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. THIS INCLUDES EXISTING WETLAND AND FLOODPLAIN AREAS.

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. 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**

TEMPORARY STABILIZATION OF THE CONSTRUCTION AREA SHOULD TAKE PLACE AT THE END OF EACH WORK DAY.

PERMANENT STABILIZATION OF THE CONSTRUCTION AREA SHALL BE COMPLETED WITHIN 7 DAYS OF FINAL GRADING.

**DEWATERING**

WHEN DEWATERING THE CONSTRUCTION AREA IS NECESSARY, ALL WATERS SHALL BE FILTERED BY USING FILTER BAGS OR AN ALTERNATIVE MEASURE APPROVED BY THE KANE-DUPAGE SOIL & WATER CONSERVATION DISTRICT. ALL FILTER BAGS MUST HAVE SECONDARY CONTAINMENT DEVICES, AND SHOULD BE PLACED ON LEVEL GROUND. WATER MUST HAVE SEDIMENT REMOVED BEFORE BEING ALLOWED TO RETURN TO THE ORIGINAL CREEK. THE DISCHARGE SHALL BE DESIGNED SO THAT RETURNING WATERS DO NOT CAUSE EROSION. THE CONTRACTOR WILL COORDINATE THE METHOD, DESIGN AND LOCATION OF THE DEWATERING PLAN AND FILTER BAG(S) WITH THE ENGINEER AT THE PRE-CONSTRUCTION MEETING.

DEWATERING AND FILTERING BAG SYSTEMS REQUIRED FOR ALL CONSTRUCTION OPERATIONS WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF THE RELATED WORK ITEM REQUIRING DEWATERING. DEWATERING WILL INCLUDE MEANS, METHODS AND ALL MATERIALS TO DEWATER AND TO PROVIDE FILTRATION OF WATERS BEFORE RE-ENTERING THE CREEK.

**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 WASHOUTS 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.

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

- A. CLASS 2A
- B. INCREASE SEEDING RATES BY 25% WHEN DORMANT SEEDING (NOT ANTICIPATED)
- C. TEMPORARY SEEDING (PERENNIAL RYE GRASS, SPRING OATS)
- D. EROSION CONTROL BLANKET (PERMANENT SEED AREAS ONLY)

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

**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) A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- C) PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE ENGINEER.
- D) THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
- E) IT IS THE RESPONSIBILITY OF THE OWNER 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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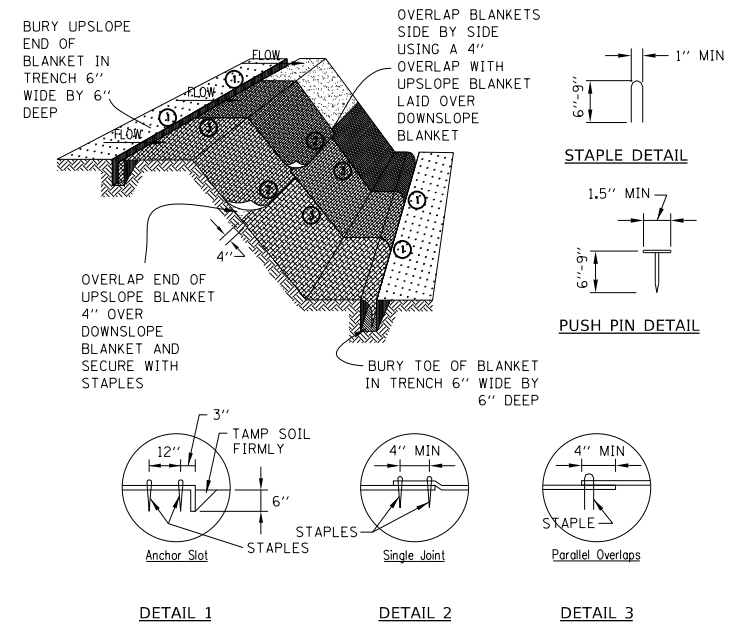
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
EROSION CONTROL & SEEDING NOTES**

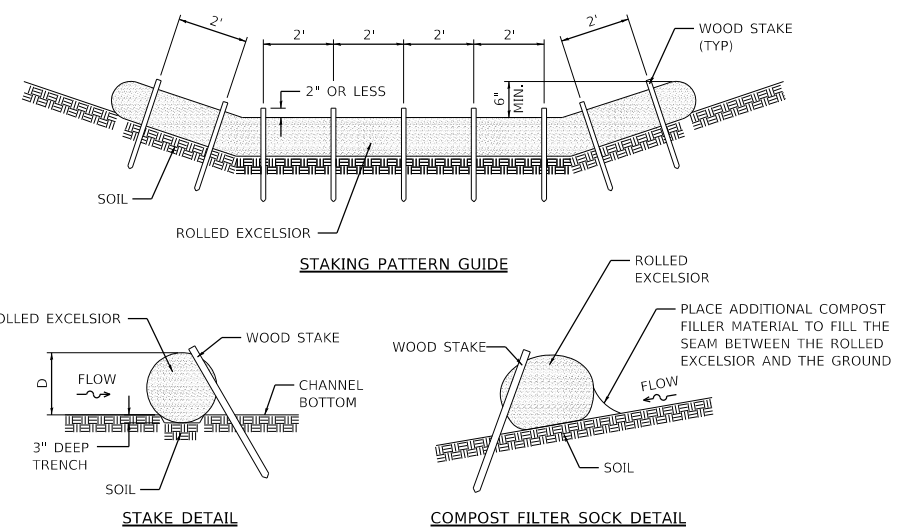
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F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 34
CONTRACT NO.87750			ILLINOIS FED. AID PROJECT X	



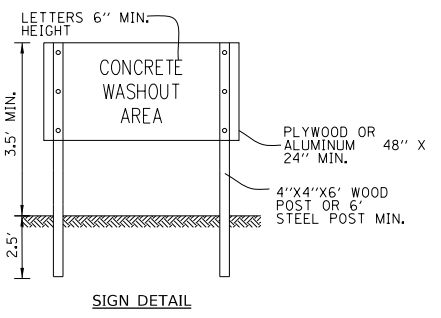
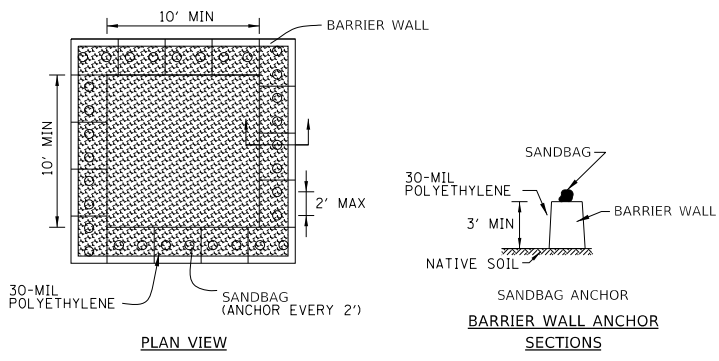
- NOTES:
1. STAPLES SHALL BE PLACED IN A DIAMOND PATTERN AT 2 PER S.Y. FOR STITCHED BLANKETS. NON-STICHED SHALL USE 4 STAPLES PER S.Y. OF MATERIAL. THIS EQUATES TO 200 STAPLES WITH STITCHED BLANKET AND 400 STAPLES WITH NON-STICHED BLANKET PER 100 S.Y. OF MATERIAL
  2. STAPLE OR PUSH PIN LENGTHS SHALL 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)



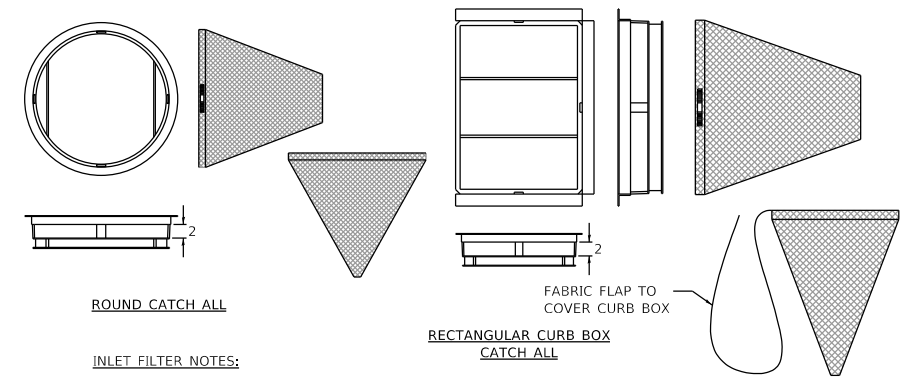
- NOTES:
1. ENDS OF ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
  2. RECOMMENDED STAKES ARE 1 1/2" WIDE x 1 1/2" THICK x 30" LONG.
  3. STAKES SHALL NOT EXTEND ABOVE THE ROLLED EXCELSIOR MORE THAN 2".
  4. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE 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)



- 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)



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

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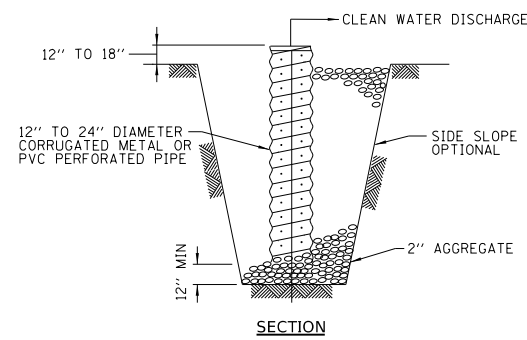
**WBK ENGINEERING**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = ---	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE EROSION CONTROL & SEEDING DETAILS			
SCALE: AS SHOWN	SHEET 1 OF 2 SHEETS	STA. -	TO STA. -

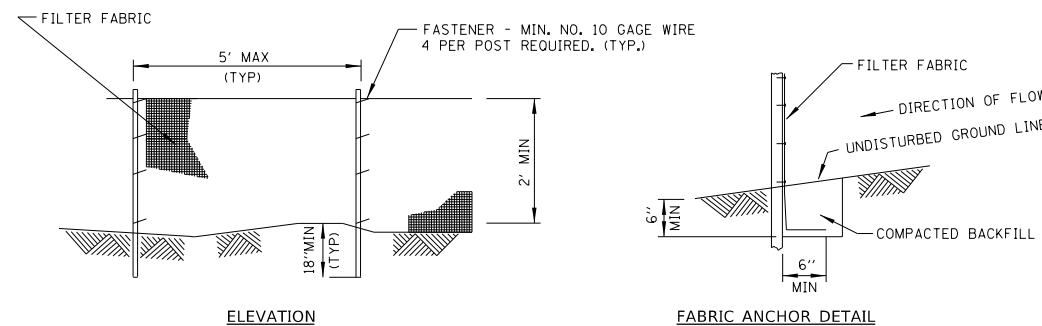
F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 35
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				



SUMP PIT NOTES:

1. PIT DIMENSIONS ARE OPTIONAL.
2. THE STANDPIPE WILL BE CONSTRUCTED BY PERFORATING A 12"-24" DIAMETER CORRUGATED METAL OR PVC PIPE.
3. A BASE OF 2" AGGREGATED WILL BE PLACED IN THE PIT TO A MINIMUM DEPTH OF 12". AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE WILL THEN BE BACKFILLED WITH 2" AGGREGATE.
4. THE STANDPIPE WILL EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT.
5. IF DISCHARGE WILL BE PUMPED DIRECTLY TO A STORM DRAINAGE SYSTEM, THE STANDPIPE WILL BE WRAPPED WITH FILTER FABRIC BEFORE INSTALLATION.
6. IF DESIRED, 1/2"-1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE PRIOR TO ATTACHING THE FILTER FABRIC. THIS WILL INCREASE THE RATE OF WATER SEEPAGE INTO THE PIPE.

**SUMP PIT PLAN**  
STD. IL-650  
(SUMP PIT PLAN)



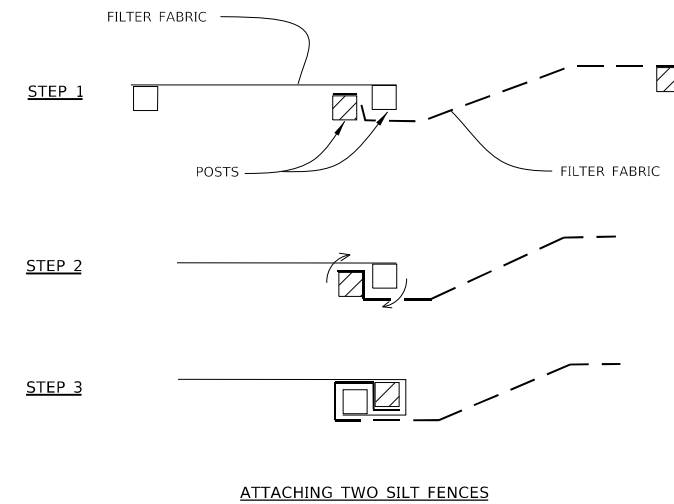
ELEVATION

FABRIC ANCHOR DETAIL

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)



ATTACHING TWO SILT FENCES

NOTES:

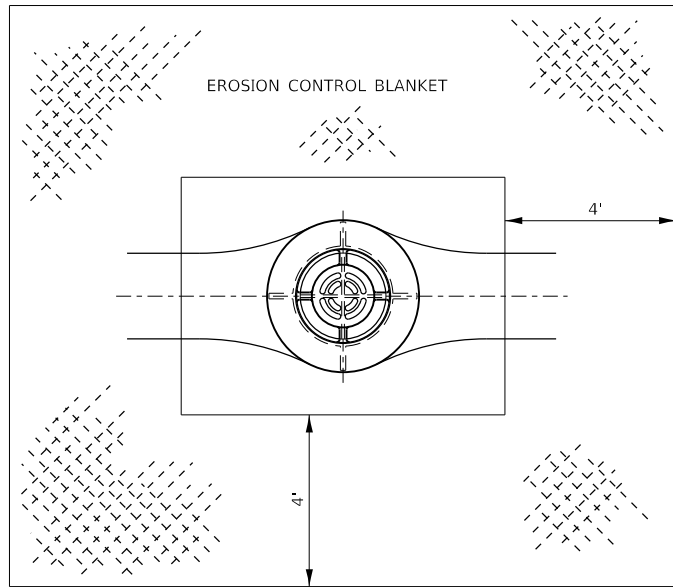
1. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
3. CUT THE FABRIC NEAR THE BOTTOM OF THE STAKES TO ACCOMMODATE THE 6" FLAP.
4. DRIVE BOTH POSTS A MINIMUM 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)

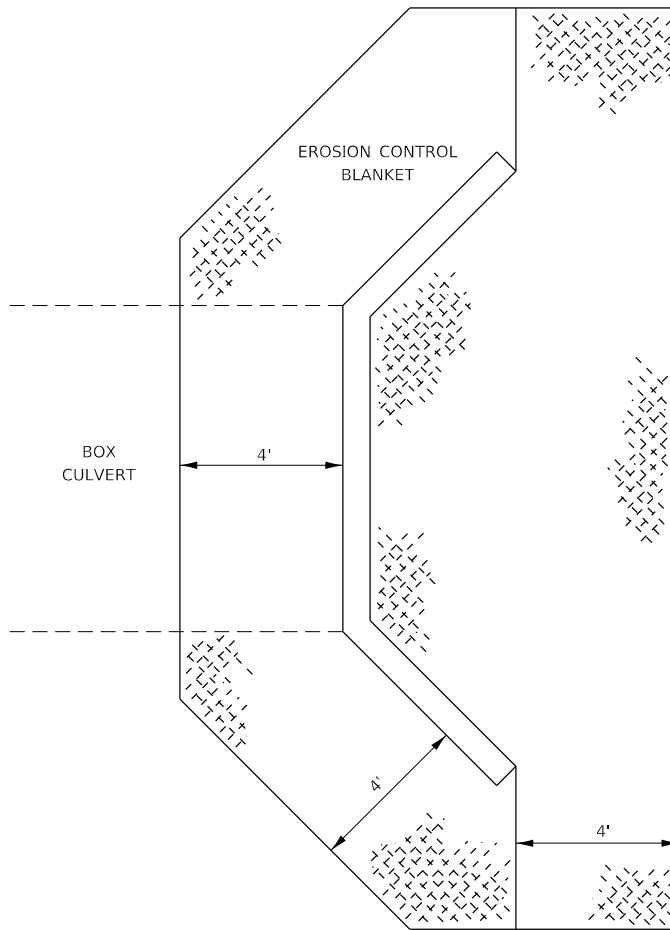
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	DATE - 12-21-21	REVISED -

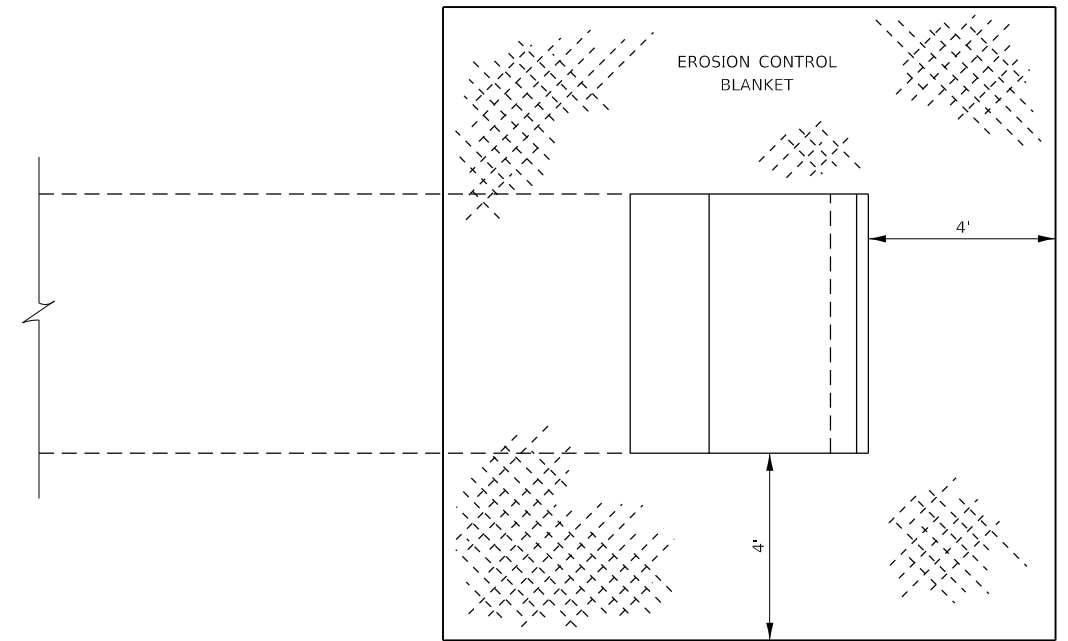
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CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				



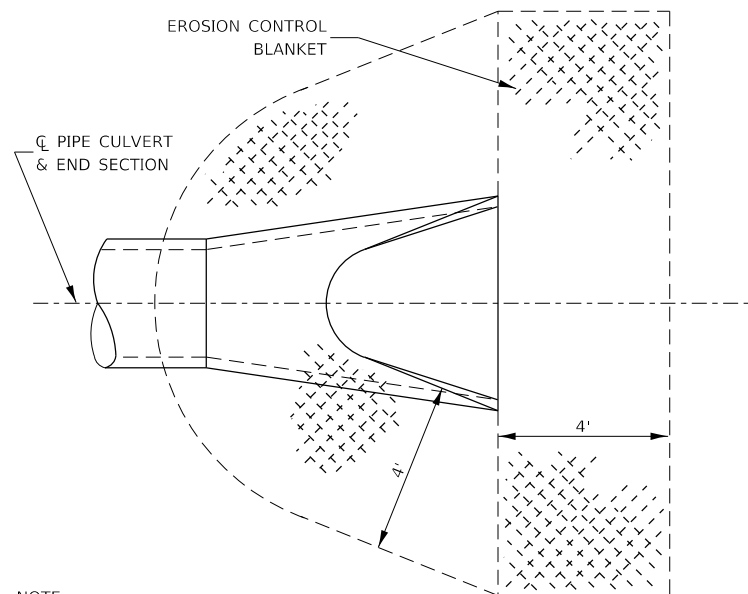
**EROSION CONTROL BLANKET  
AT MEDIAN INLET STD. 604101 OR STD. 604106**



**EROSION CONTROL BLANKET  
AT BOX CULVERT END SECTIONS**

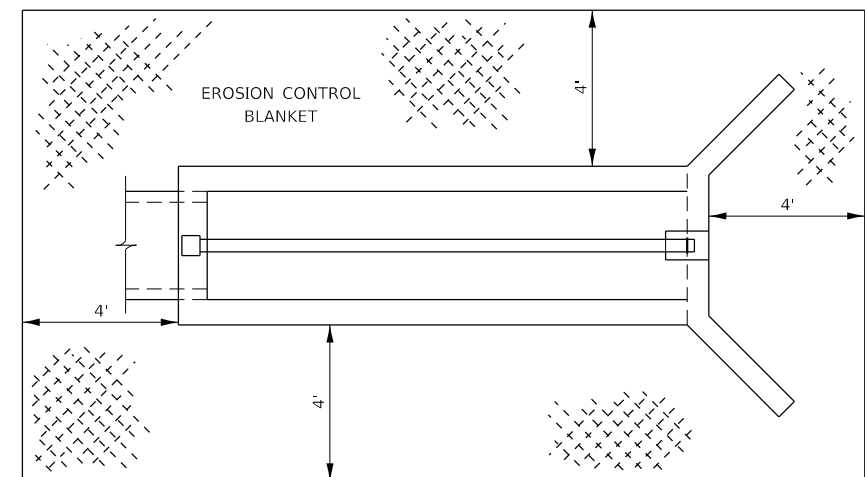


**EROSION CONTROL BLANKET AT PRECAST  
BOX CULVERT END SECTIONS**



NOTE:  
TO BE USED AT ALL END SECTIONS

**DETAIL OF EROSION CONTROL BLANKET  
LINING AROUND END SECTION**



**EXCELSIOR BLANKET PLACEMENT FOR  
INLET BOXES STD. 542501 THROUGH STD. 542546**

FILE NAME = Z:\2020\200154\_PeaceRoadFairviewDrive\_Itcadd\Civil\Drawings\200154-eros\_details\_03.dgn



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

USER NAME = ssundaresan  
PLOT SCALE = 1:100  
PLOT DATE = 04-12-21

DESIGNED - KAC  
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DATE - 12-21-21

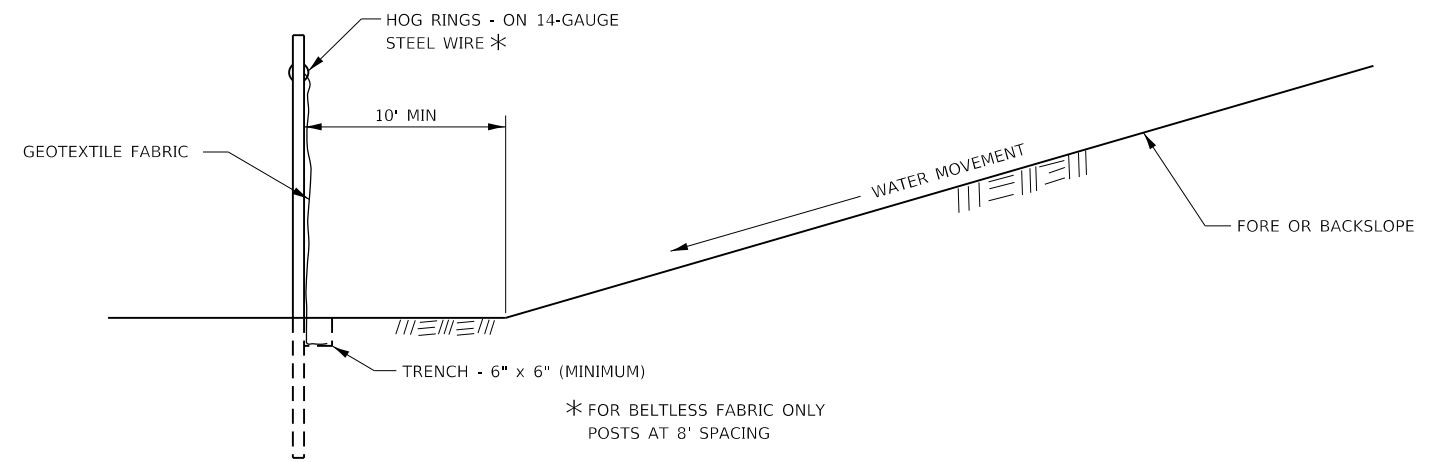
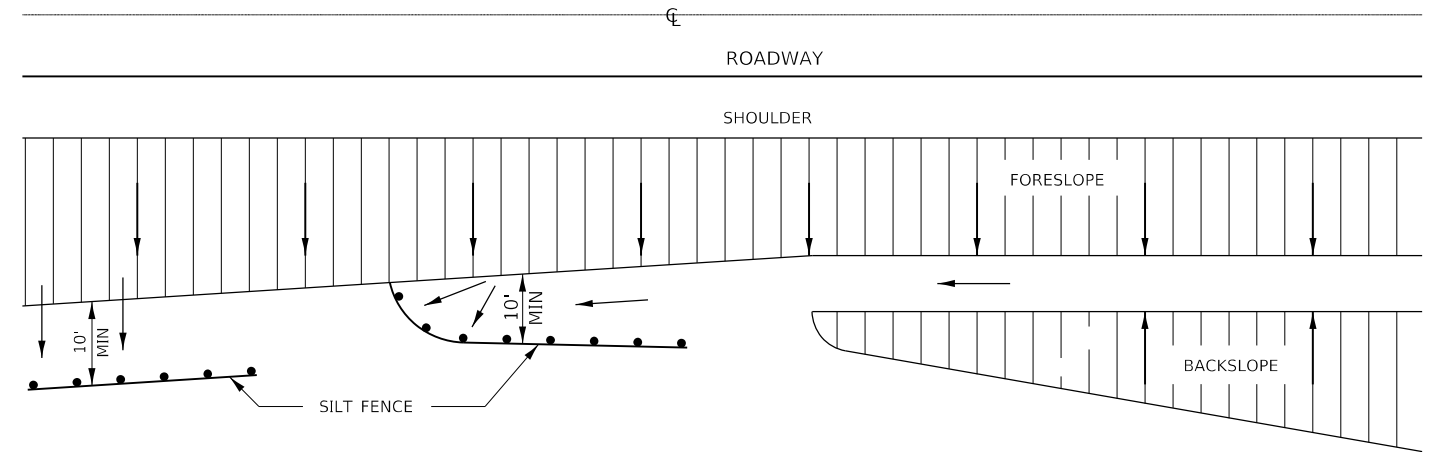
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REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
EROSION CONTROL AND SEEDING DETAILS**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	



DETAILS OF SILT FENCE

**EROSION CONTROL DETAILS  
FOR SILT FENCE**

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

USER NAME = ssundaresan	DESIGNED -	REVISED -
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



CITY OF DEKALB

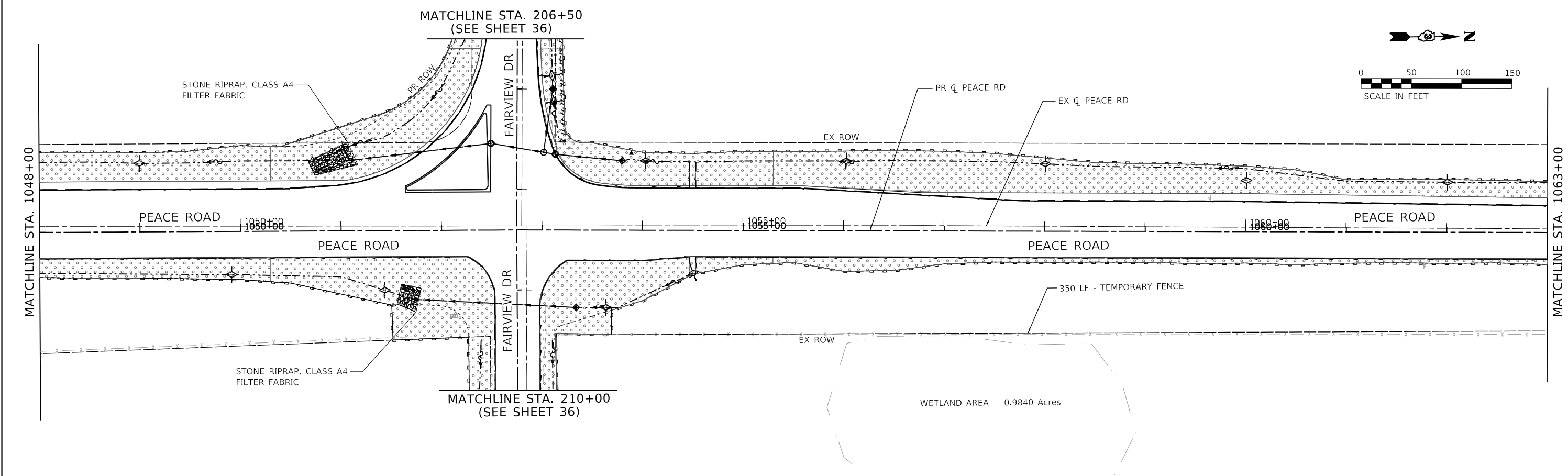
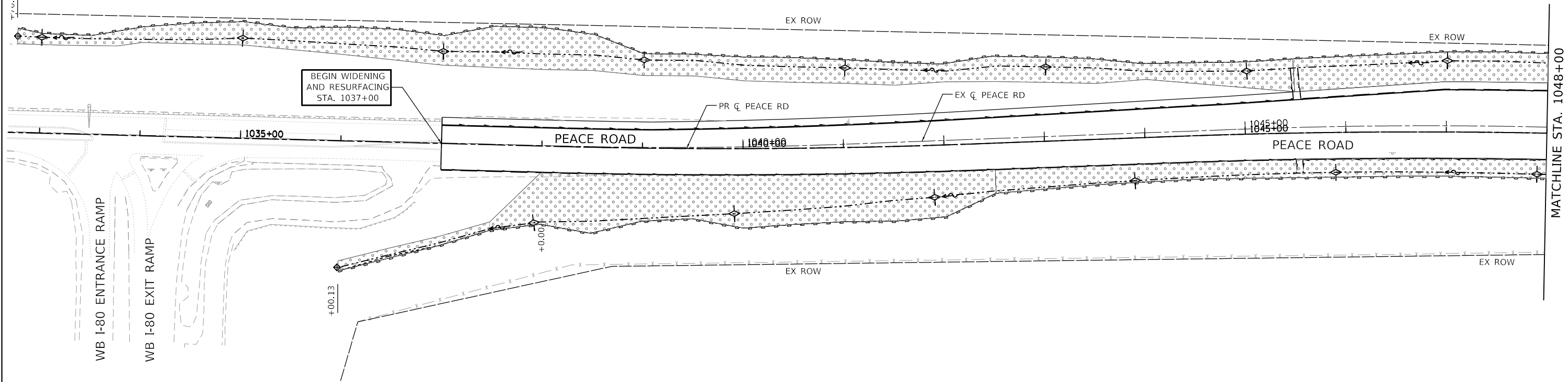
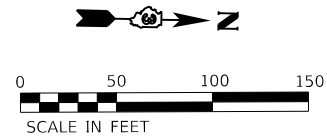
PEACE ROAD AND FAIRVIEW DRIVE  
EROSION CONTROL AND SEEDING DETAILS

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

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 38
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  SEEDING, CLASS 2A
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION AND INLET FILTER
-  TEMPORARY DITCH CHECKS



FILE NAME = Z:\2020\200154\_PeaceRd\FairviewDr\_Phi\_ItLead\Civil\Drawn\200154-eros-06.dgn

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

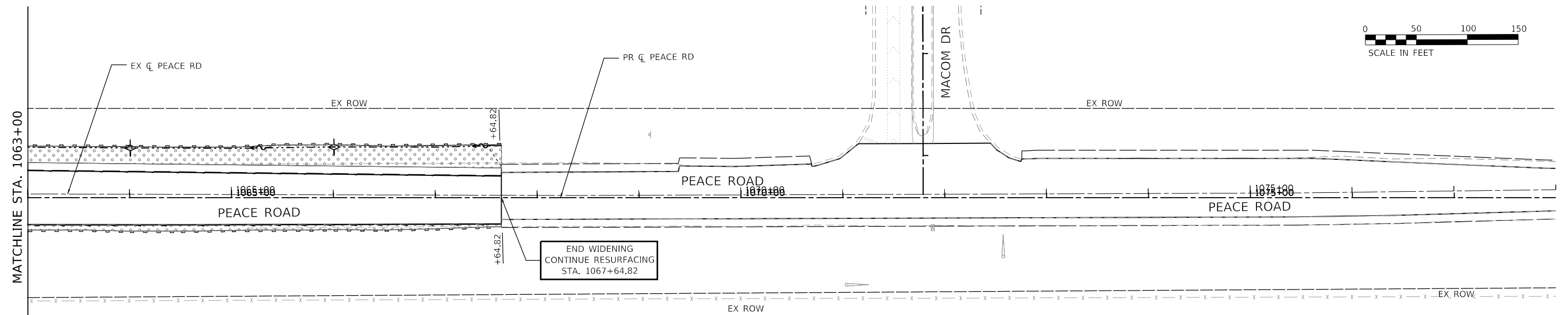
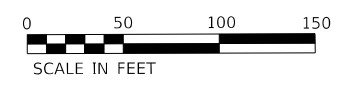
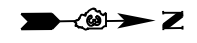
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	DATE - 12-21-21	REVISED -

CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
 EROSION CONTROL & SEEDING PLAN**

SCALE: AS SHOWN    SHEET 1 OF 3 SHEETS    STA. 1037+00 TO STA. 1063+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	39
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	



- LEGEND**
- SEEDING, CLASS 2A
  - EROSION CONTROL BLANKET
  - INLET AND PIPE PROTECTION AND INLET FILTER
  - TEMPORARY DITCH CHECKS
  - PERIMETER EROSION BARRIER

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED - R2C13
PLOT SCALE = 1:100	DRAWN - SS	REVISED - R2C14
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED - R2C15
	DATE - 12-21-21	REVISED - R2C16

**CITY OF DEKALB**

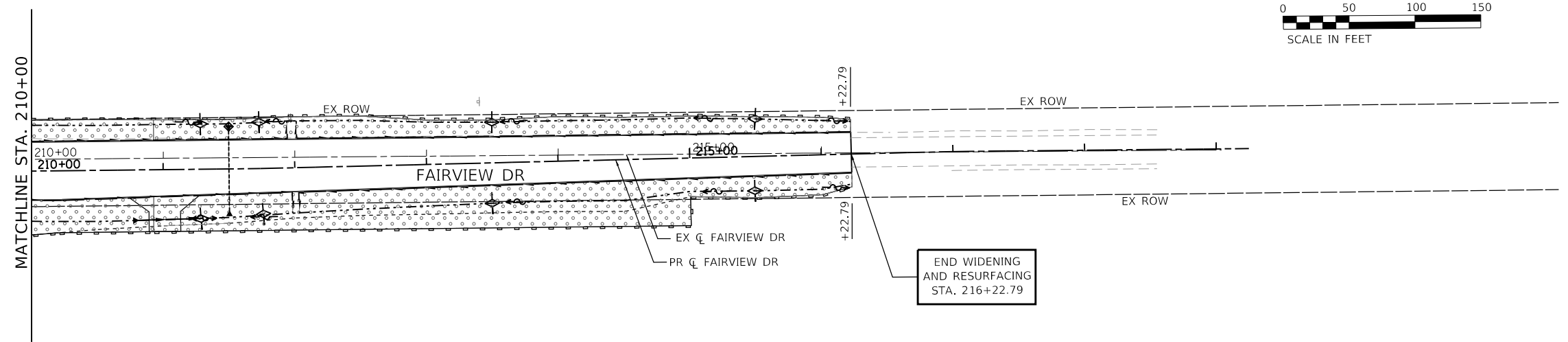
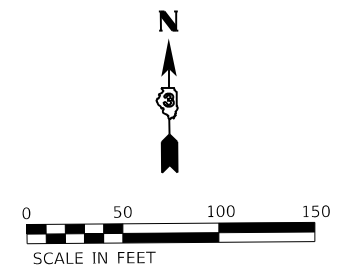
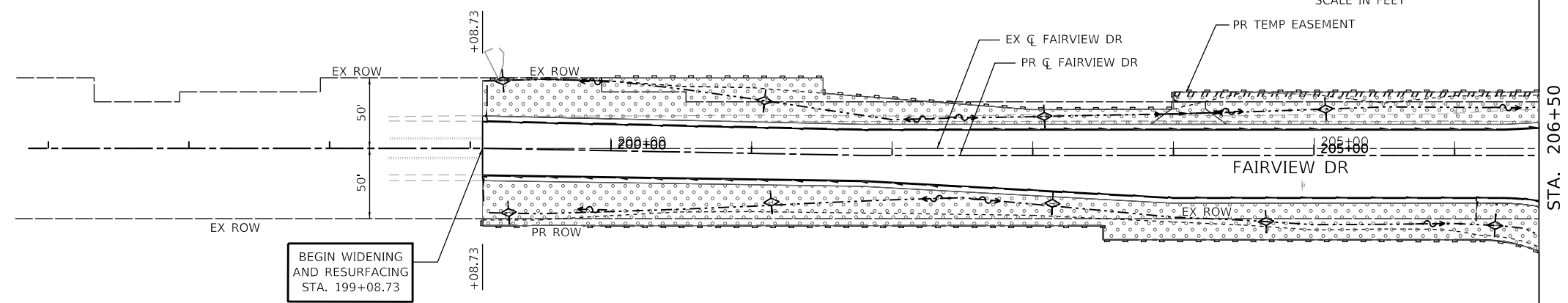
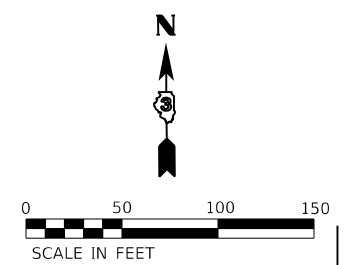
**PEACE ROAD AND FAIRVIEW DRIVE  
 EROSION CONTROL & SEEDING PLAN**

SCALE: AS SHOWN SHEET 2 OF 3 SHEETS STA. 1063+00 TO STA. 1078+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 113	SHEET NO. 40
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	



- LEGEND**
-  SEEDING, CLASS 2A
  -  PERIMETER EROSION BARRIER
  -  INLET AND PIPE PROTECTION
  -  TEMPORARY DITCH CHECKS



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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:100	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 EROSION CONTROL & SEEDING PLAN**

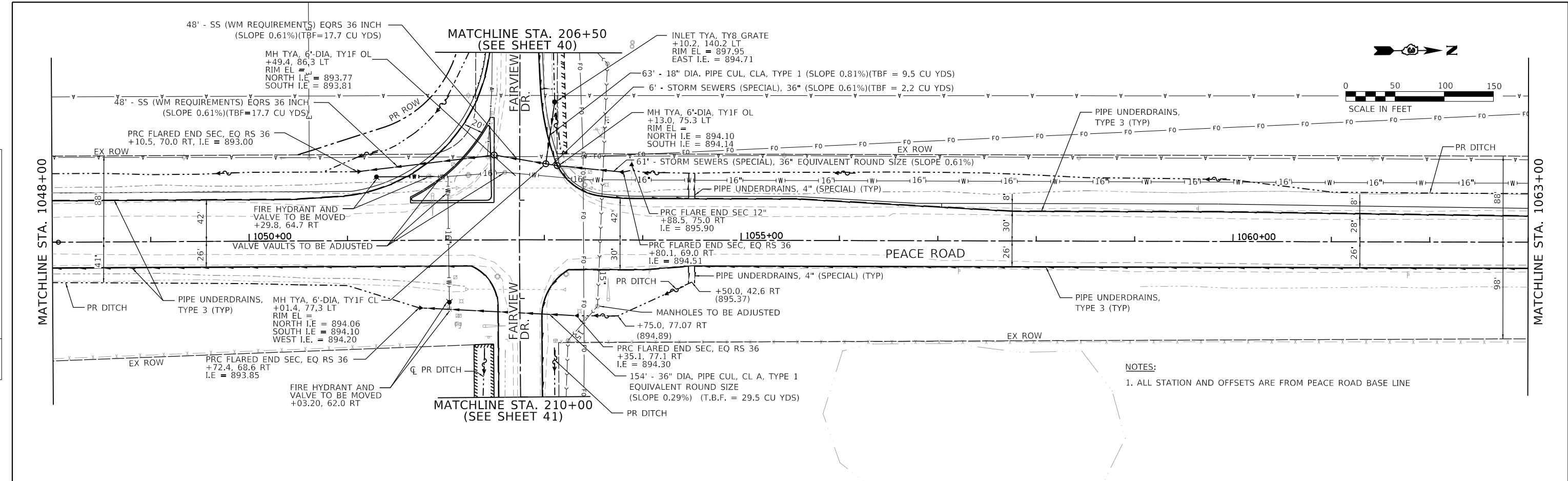
SCALE: AS SHOWN SHEET 3 OF 3 SHEETS STA. 199+08.73 TO STA. 216+22.79

F.A.P. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 41
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	

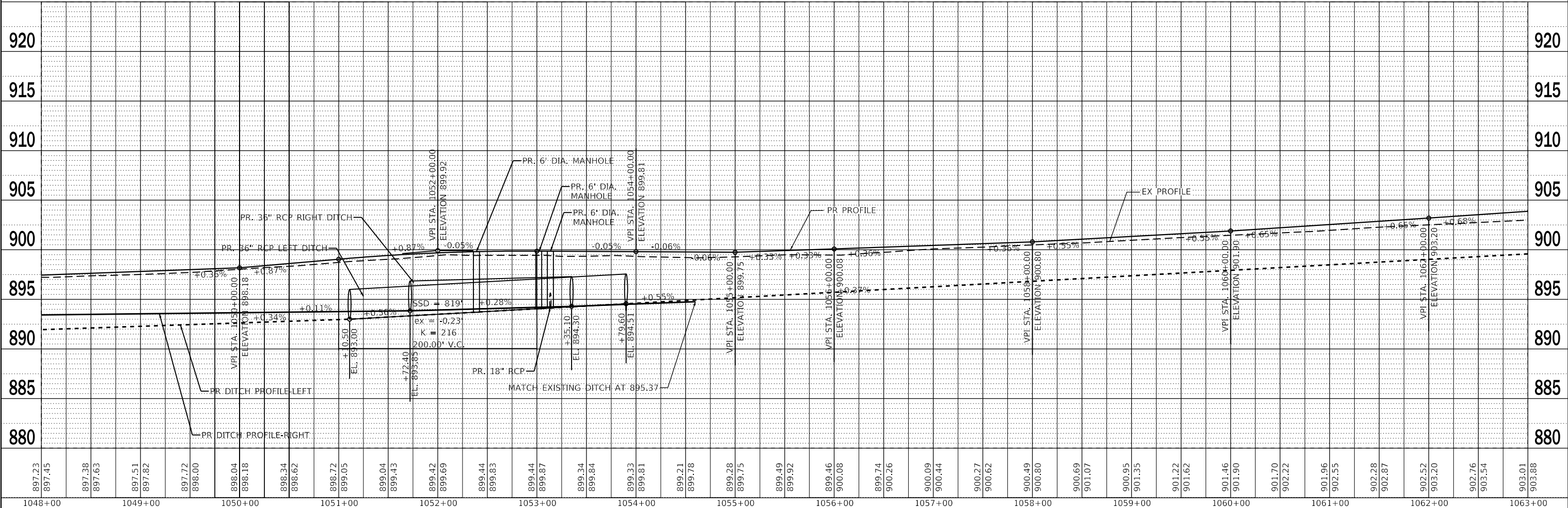


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	PLOTTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



NOTES:  
1. ALL STATION AND OFFSETS ARE FROM PEACE ROAD BASE LINE



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1048+00	1049+00	1050+00	1051+00	1052+00	1053+00	1054+00	1055+00	1056+00	1057+00	1058+00	1059+00	1060+00	1061+00	1062+00	1063+00																																														

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

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	R2C13
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DATE -	12-21-21	REVISED -	R2C16		

CITY OF DEKALB

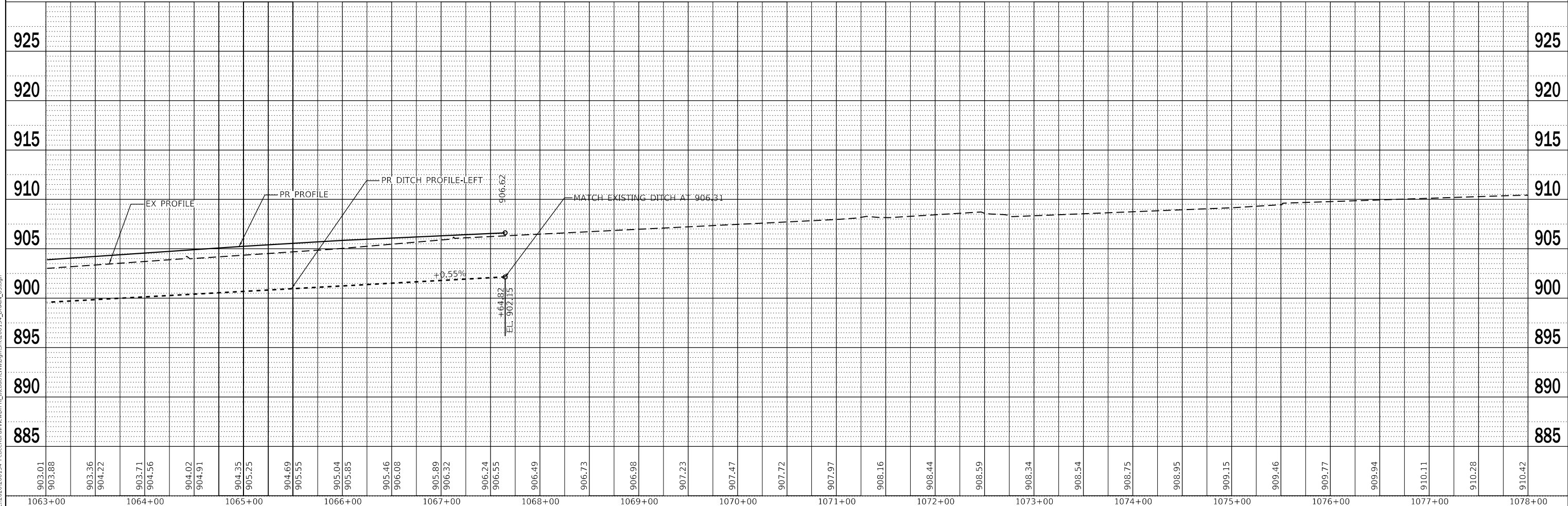
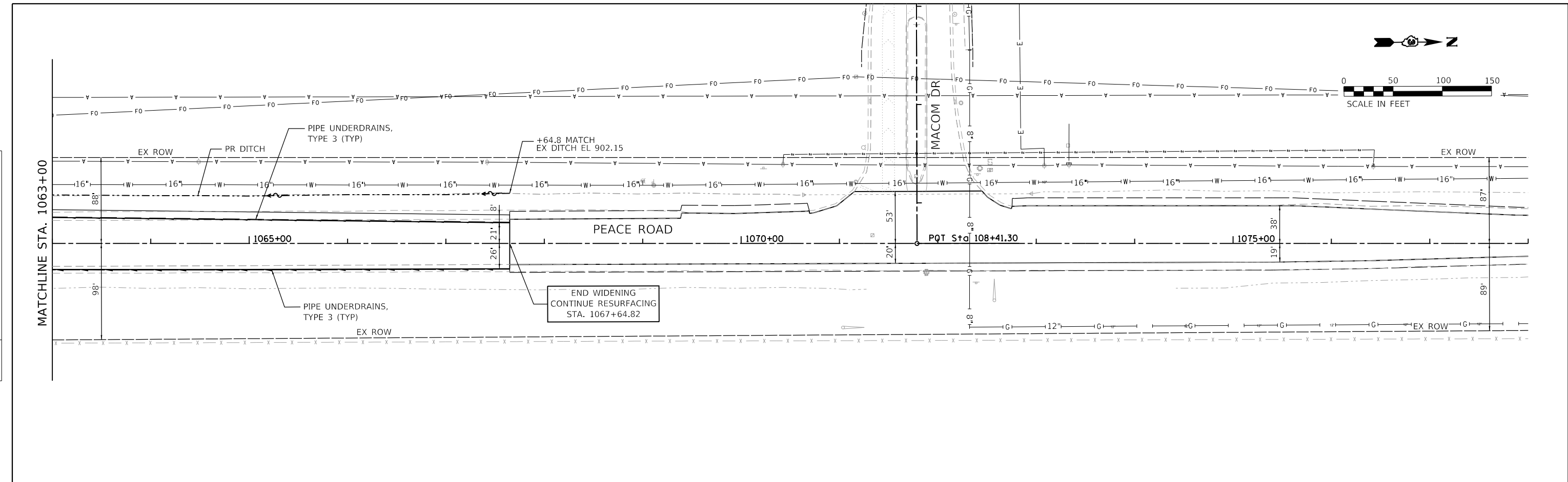
**PEACE ROAD AND FAIRVIEW DRIVE  
DRAINAGE & UTILITY PLAN**

SCALE: AS SHOWN SHEET 2 OF 5 SHEETS STA. 1048+00 TO STA. 1063+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	43
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				

PLAN	SURVEYED	DATE
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	NOTE BOOK NO.	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
	CADD FILE NAME	



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1063+00	1064+00	1065+00	1066+00	1067+00	1068+00	1069+00	1070+00	1071+00	1072+00	1073+00	1074+00	1075+00	1076+00	1077+00	1078+00																									

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
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CITY OF DEKALB

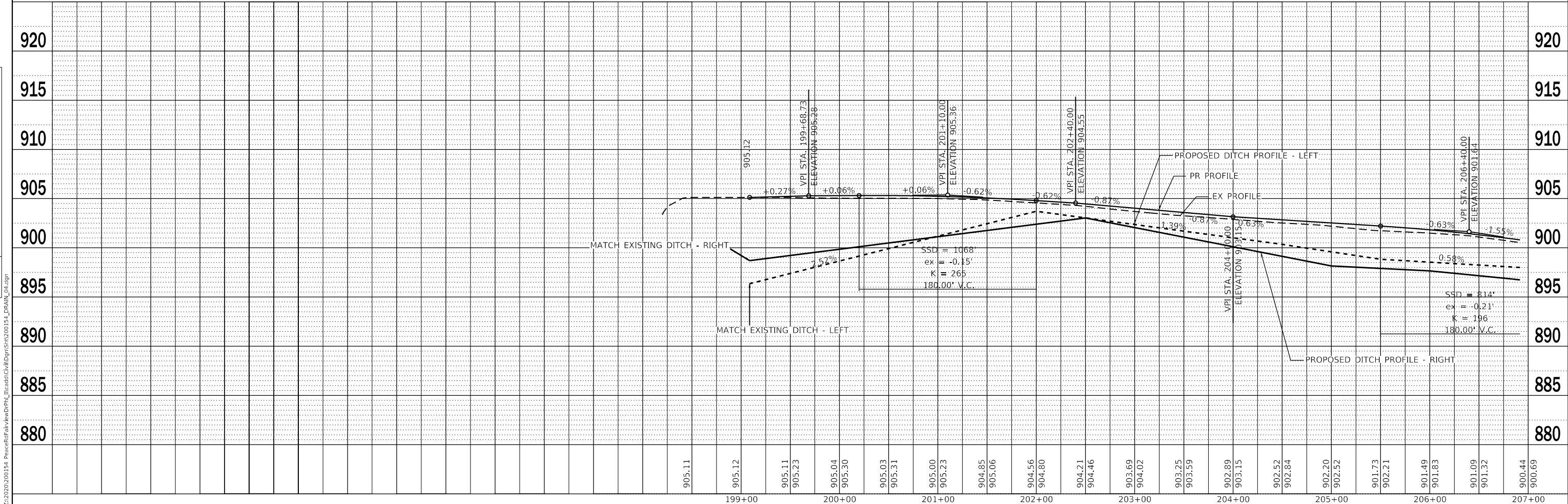
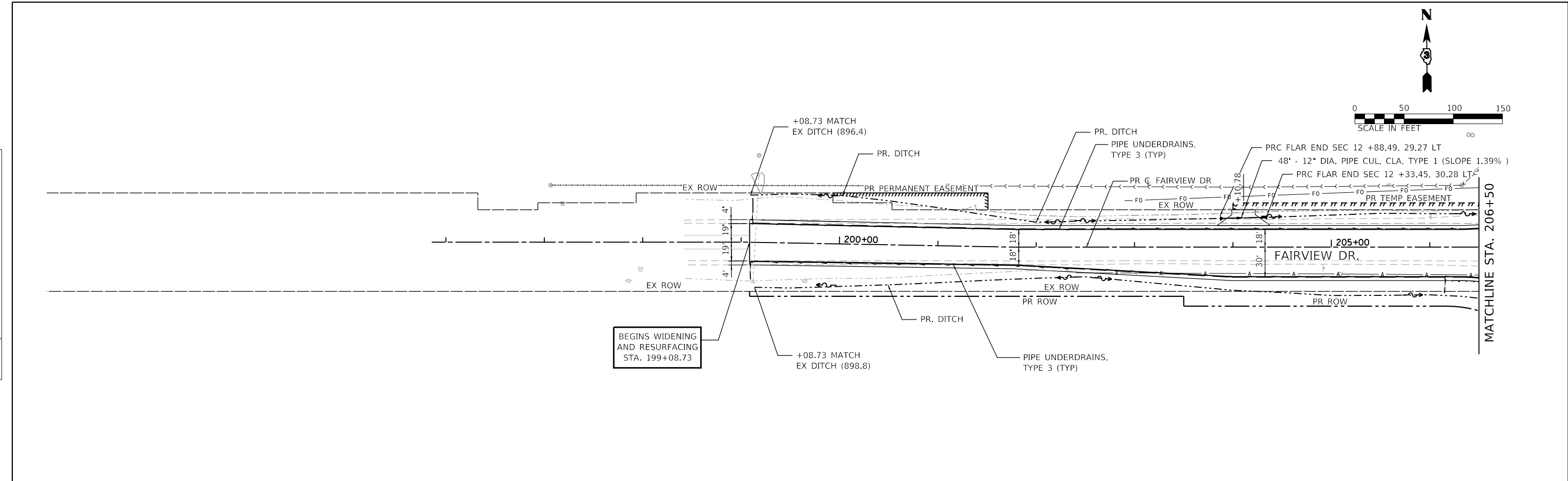
**PEACE ROAD AND FAIRVIEW DRIVE  
DRAINAGE & UTILITY PLAN**

SCALE: AS SHOWN    SHEET 3 OF 5 SHEETS    STA. 1063+00 TO STA. 1078+00

F.A.P. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 44
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				

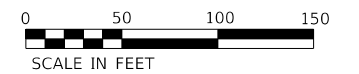
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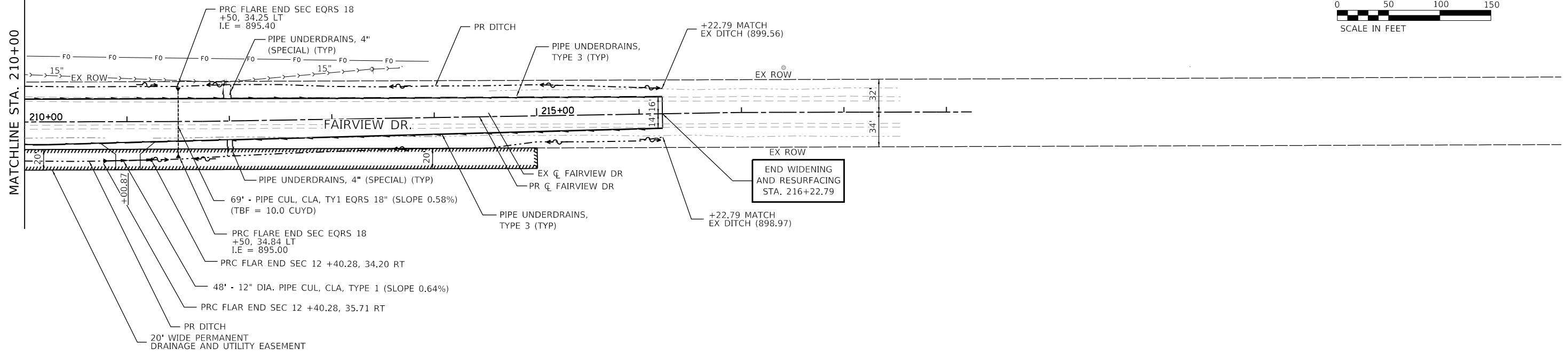


<b>WBK ENGINEERING, LLC</b> 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = ssundaresan	DESIGNED - KAC	REVISED -	<b>CITY OF DEKALB</b> <b>PEACE ROAD AND FAIRVIEW DRIVE</b> <b>DRAINAGE &amp; UTILITY PLAN</b>	F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 45
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	PLOT DATE = 04-12-21	DATE - 12-21-21	REVISED -						

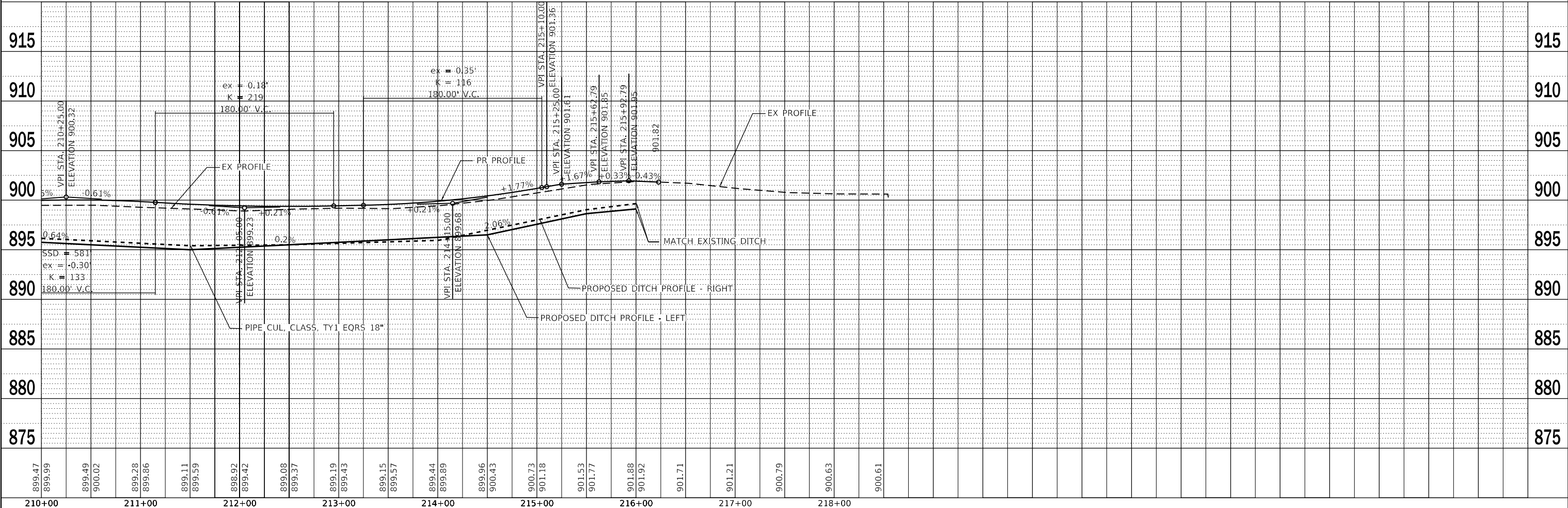
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	



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210+00	211+00	212+00	213+00	214+00	215+00	216+00	217+00	218+00																								

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:100	DRAWN - SS	REVISED -
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	DATE - 12-21-21	REVISED - R2C16

**CITY OF DEKALB**

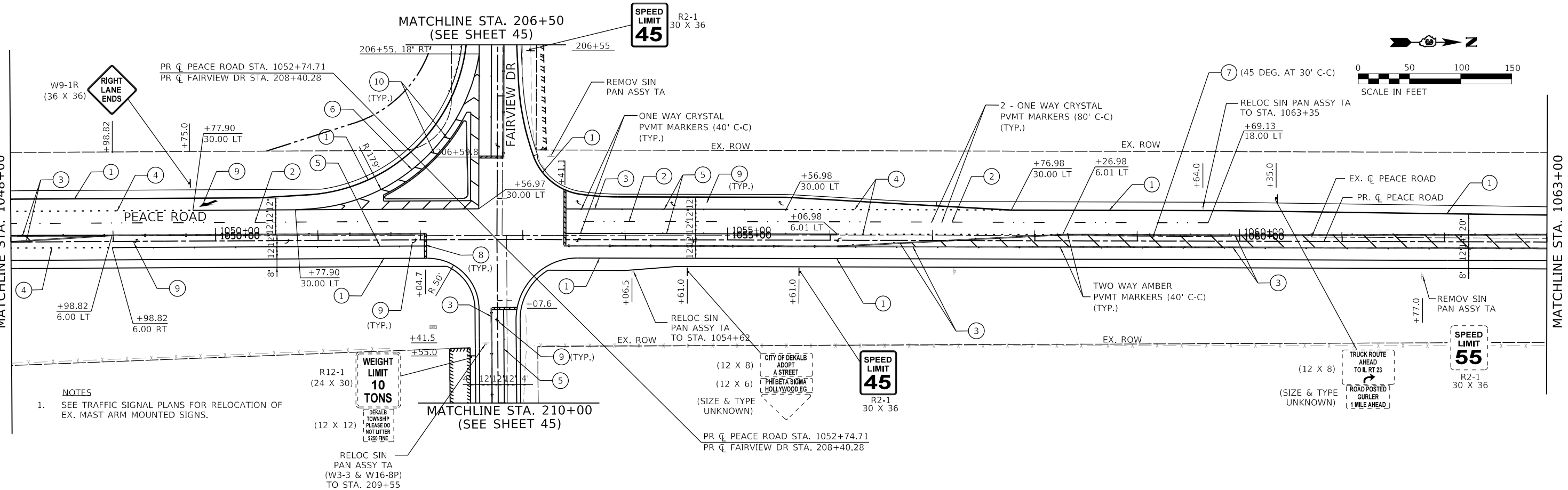
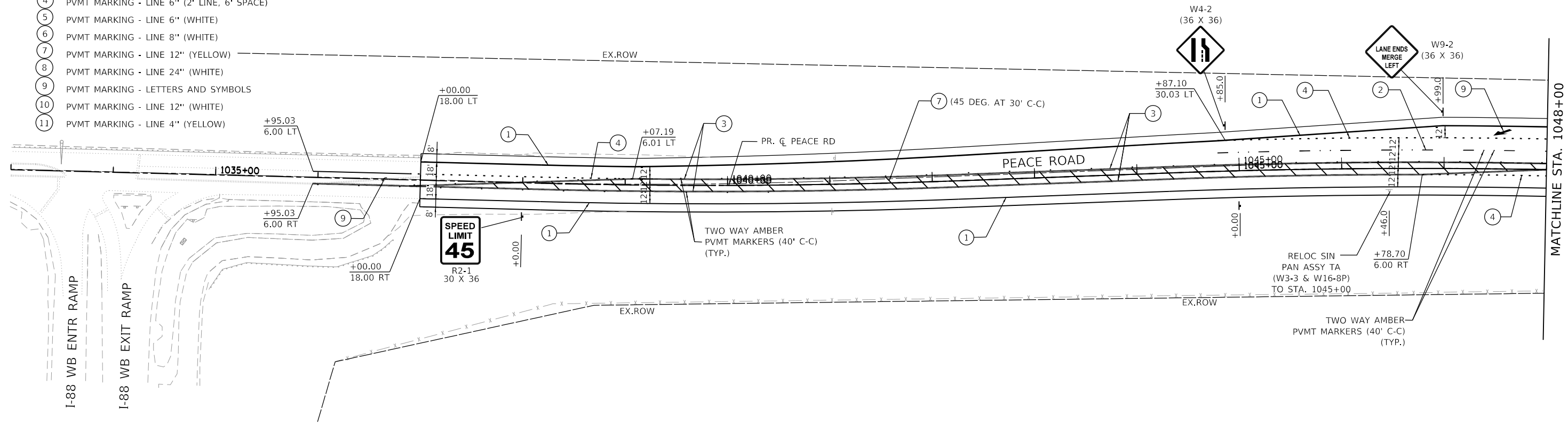
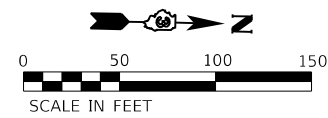
**PEACE ROAD AND FAIRVIEW DRIVE  
DRAINAGE & UTILITY PLAN**

SCALE: AS SHOWN    SHEET 5 OF 5 SHEETS    STA. 210+00 TO STA. 216+22.79

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 46
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

**LEGEND**

- ① PVMT MARKING - LINE 4" (WHITE)
- ② PVMT MARKING - LINE 4" (10' LINE, 30' SPACE)
- ③ PVMT MARKING - LINE 4" (DBL YELLOW CENTERLINE)
- ④ PVMT MARKING - LINE 6" (2' LINE, 6' SPACE)
- ⑤ PVMT MARKING - LINE 6" (WHITE)
- ⑥ PVMT MARKING - LINE 8" (WHITE)
- ⑦ PVMT MARKING - LINE 12" (YELLOW)
- ⑧ PVMT MARKING - LINE 24" (WHITE)
- ⑨ PVMT MARKING - LETTERS AND SYMBOLS
- ⑩ PVMT MARKING - LINE 12" (WHITE)
- ⑪ PVMT MARKING - LINE 4" (YELLOW)



**NOTES**  
 1. SEE TRAFFIC SIGNAL PLANS FOR RELOCATION OF EX. MAST ARM MOUNTED SIGNS.

**WEIGHT LIMIT 10 TONS**  
 DEKALB TOWNSHIP  
 PLEASE DO NOT LITTER  
 \$200 FINE

**CITY OF DEKALB ADOPT A STREET**  
 PHIL BETA SIGMA  
 HOLLYWOOD EG

**TRUCK ROUTE AHEAD TO IL RT 23**  
 ROAD POSTED GURLER 1 MILE AHEAD

FILE NAME = Z:\2020\200154 PeaceRd\kew\PHI\_ItLead\Civil\Drawn\200154-01.dgn

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

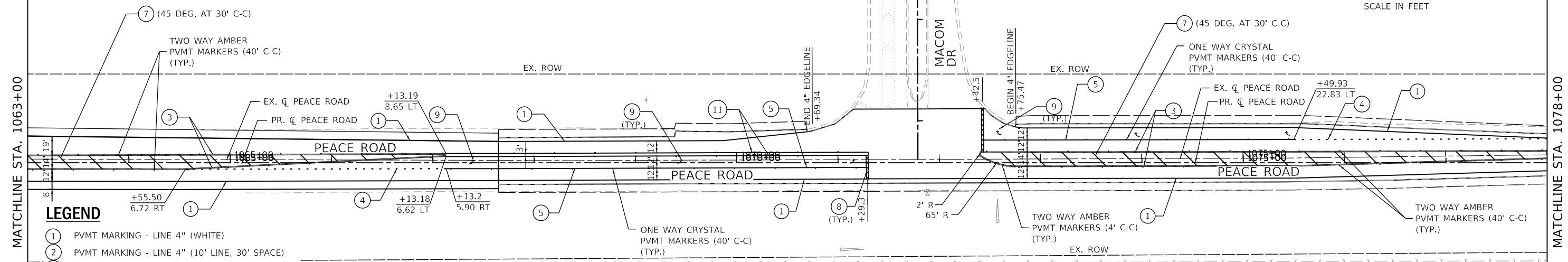
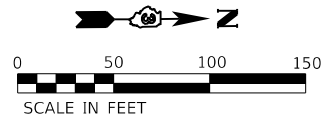
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	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

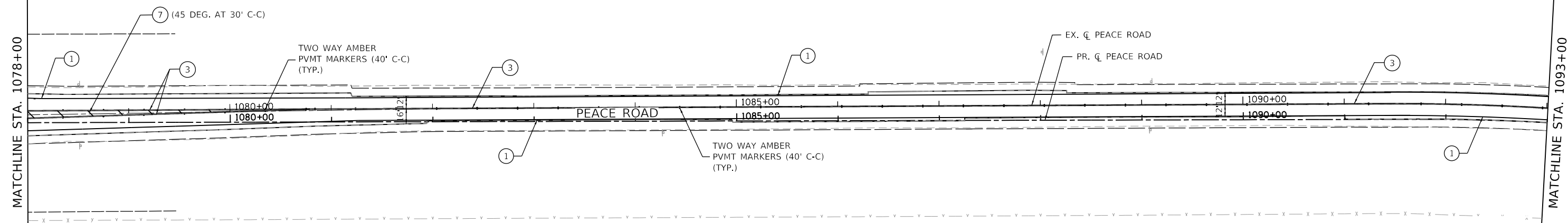
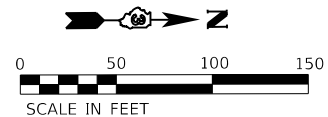
**PEACE ROAD AND FAIRVIEW DRIVE  
 PAVEMENT MARKING & SIGNING PLAN**

SCALE: AS SHOWN SHEET 1 OF 4 SHEETS STA. 1037+00 TO STA. 1063+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 47
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	



- LEGEND**
- ① PVMT MARKING - LINE 4" (WHITE)
  - ② PVMT MARKING - LINE 4" (10' LINE, 30' SPACE)
  - ③ PVMT MARKING - LINE 4" (DBL YELLOW CENTERLINE)
  - ④ PVMT MARKING - LINE 6" (2' LINE, 6' SPACE)
  - ⑤ PVMT MARKING - LINE 6" (WHITE)
  - ⑥ PVMT MARKING - LINE 8" (WHITE)
  - ⑦ PVMT MARKING - LINE 12" (YELLOW)
  - ⑧ PVMT MARKING - LINE 24" (WHITE)
  - ⑨ PVMT MARKING - LETTERS AND SYMBOLS
  - ⑩ PVMT MARKING - LINE 12" (WHITE)
  - ⑪ PVMT MARKING - LINE 4" (YELLOW)



FILE NAME = Z:\2020\200154\_PeaceRd\FairviewDr\_Plan\_Lead\CivilDgn\Sh\200154-pmk-02.dgn

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED - R2C13
PLOT SCALE = 1:100	DRAWN - SS	REVISED - R2C14
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED - R2C15
	DATE - 12-21-21	REVISED - R2C16

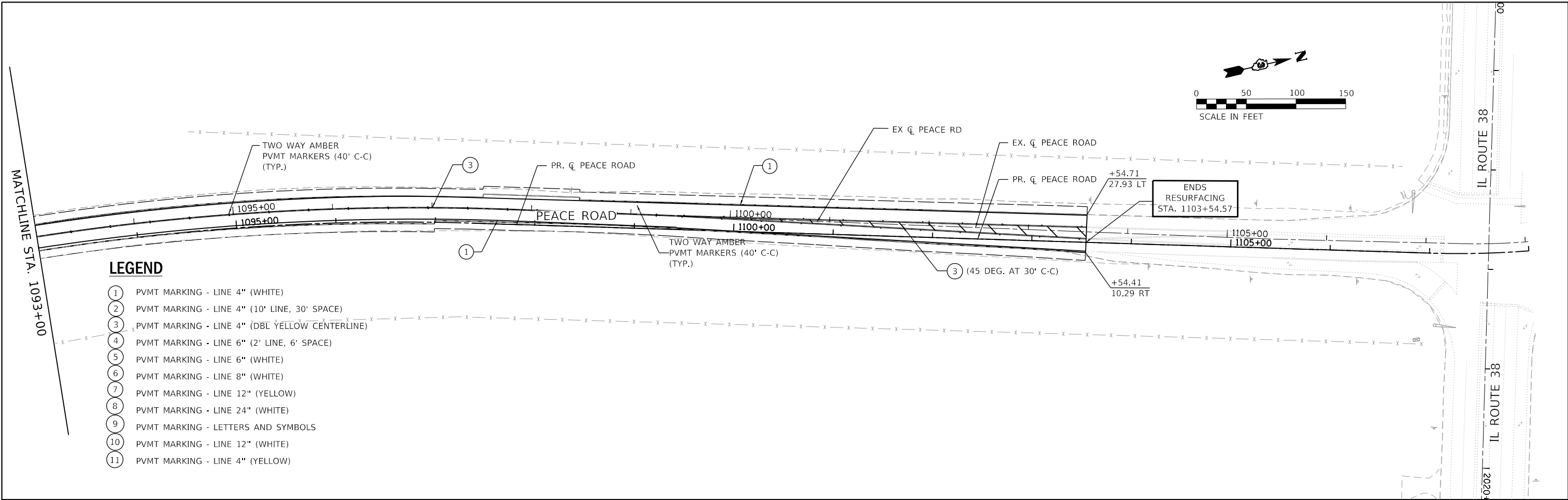
**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 PAVEMENT MARKING & SIGNING PLAN**

SCALE: AS SHOWN    SHEET 2 OF 4 SHEETS    STA. 1063+00 TO STA. 1093+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 48
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				





**LEGEND**

- ① PVMT MARKING - LINE 4" (WHITE)
- ② PVMT MARKING - LINE 4" (10' LINE, 30' SPACE)
- ③ PVMT MARKING - LINE 4" (DBL YELLOW CENTERLINE)
- ④ PVMT MARKING - LINE 6" (2' LINE, 6' SPACE)
- ⑤ PVMT MARKING - LINE 6" (WHITE)
- ⑥ PVMT MARKING - LINE 8" (WHITE)
- ⑦ PVMT MARKING - LINE 12" (YELLOW)
- ⑧ PVMT MARKING - LINE 24" (WHITE)
- ⑨ PVMT MARKING - LETTERS AND SYMBOLS
- ⑩ PVMT MARKING - LINE 12" (WHITE)
- ⑪ PVMT MARKING - LINE 4" (YELLOW)

FILE NAME = Z:\2020\200154\_PeaceRd\pavement\PHI\_Itcadd\CivilDgn\Sh\200154-pmk-03.dgn

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PLOT SCALE = 1:100	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

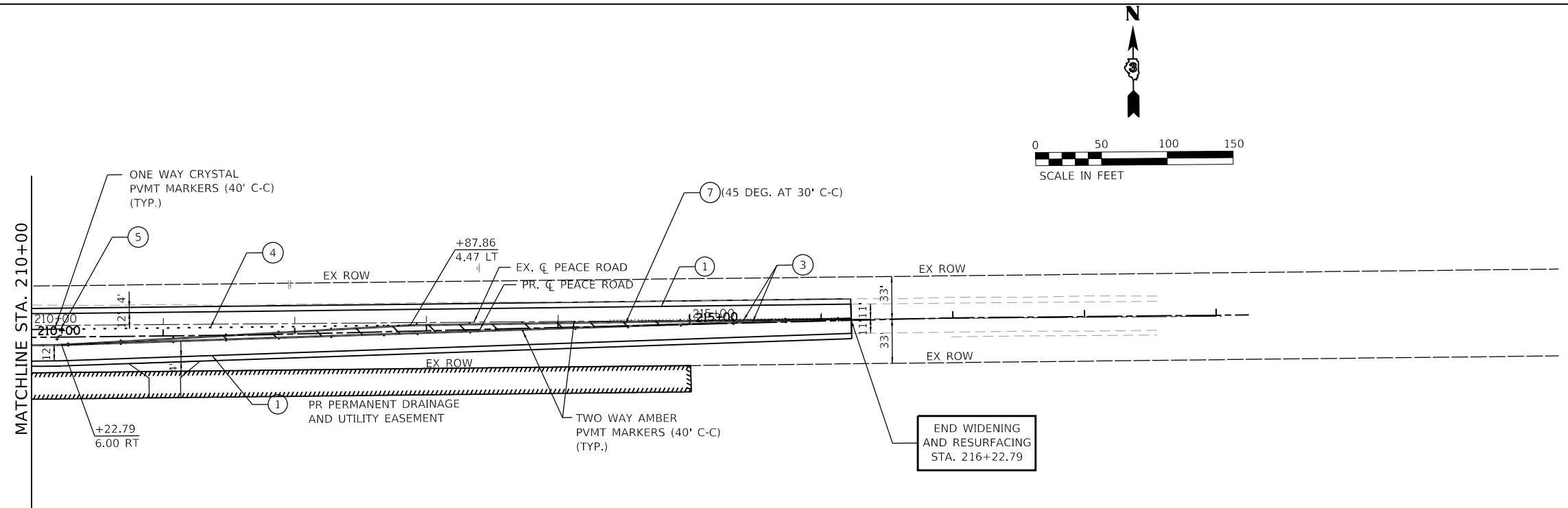
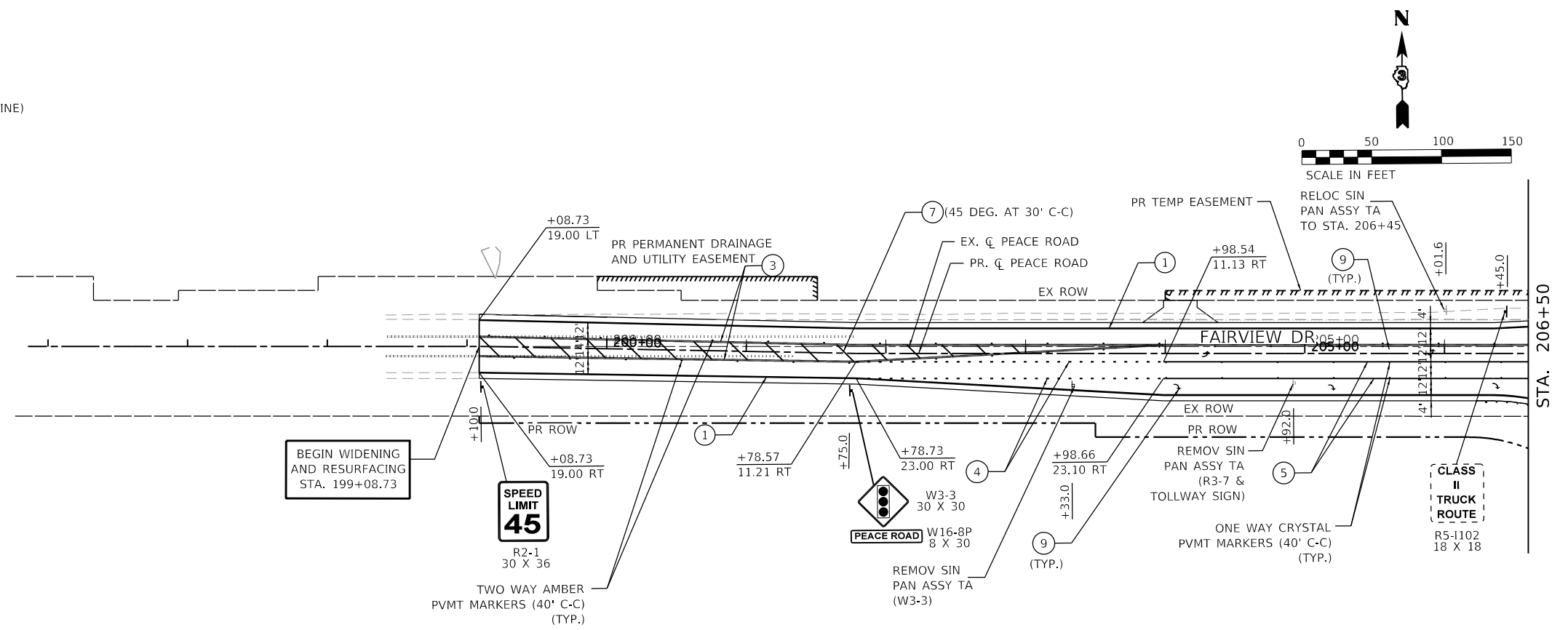
**PEACE ROAD AND FAIRVIEW DRIVE  
 PAVEMENT MARKING & SIGNING PLAN**

SCALE: AS SHOWN SHEET 3 OF 4 SHEETS STA. 1093+00 TO STA. 1108+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 49
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

**LEGEND**

- ① PVMT MARKING - LINE 4" (WHITE)
- ② PVMT MARKING - LINE 4" (10' LINE, 30' SPACE)
- ③ PVMT MARKING - LINE 4" (DBL YELLOW CENTERLINE)
- ④ PVMT MARKING - LINE 6" (2' LINE, 6' SPACE)
- ⑤ PVMT MARKING - LINE 6" (WHITE)
- ⑥ PVMT MARKING - LINE 8" (WHITE)
- ⑦ PVMT MARKING - LINE 12" (YELLOW)
- ⑧ PVMT MARKING - LINE 24" (WHITE)
- ⑨ PVMT MARKING - LETTERS AND SYMBOLS
- ⑩ PVMT MARKING - LINE 12" (WHITE)
- ⑪ PVMT MARKING - LINE 4" (YELLOW)



FILE NAME = Z:\2020\200154\_PeaceRdFairviewDr\_Plan\_Lead\CivilDgn\Sh\200154-014-014.dgn

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:100	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 PAVEMENT MARKING & SIGNING PLAN**

SCALE: AS SHOWN SHEET 4 OF 4 SHEETS STA. 199+08.73 TO STA. 216+22.79

F.A.P. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 50
CONTRACT NO. 87750			ILLINOIS FED. AID PROJECT X	

## TRAFFIC SIGNAL GENERAL NOTES

- THE CONTRACTOR SHALL CONTACT THE DISTRICT 3 TRAFFIC SIGNAL SECTION A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
- THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORT AT ION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
- ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
- ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
- TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. LIGHT TAN COLORED TRAFFIC AND PEDESTRIAN SIGNAL REUSABLE COVERS SHALL BE USED TO COVER DARK/UN-ENERGIZED SIGNAL SECTIONS AND VISORS. COVERS SHALL BE MADE OF OUTDOOR FABRIC WITH URETHANE COATING FOR REPELLING WATER, HAVE ELASTIC FULLY SEWN AROUND THE COVER ENDS FOR A TIGHT FIT OVER THE VISOR, AND HAVE A MINIMUM OF TWO STRAPS WITH BUCKLES TO SECURE THE COVER TO THE BACKPLATE. A CENTER MESH STRIP ALLOWS VIEWING WITHOUT REMOVAL FOR SIGNAL STATUS TESTING PURPOSES. COVERS SHALL INCLUDE A MESSAGE INDICATING THE SIGNAL IS NOT IN SERVICE. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
- A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF CONDUIT PAY ITEM.
- ALL CONDUIT IN TRENCH SHALL BE P.V.C. GALVANIZED STEEL OR PVC SCHEDULE 80 CONDUIT SHALL BE USED UNDER PAVEMENT, STABILIZED SHOULDER, PAVED DRIVEWAY, CURB AND/OR GUTTER, AND SIDEWALK. CONDUIT ATTACHED TO STRUCTURE SHALL BE GALVANIZED STEEL.
- THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED IN THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2.5' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
- ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
- ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES AND JUNCTION BOXES WILL NOT BE ALLOWED.
- THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
- THE PROPOSED TRAFFIC SIGNAL CONTROL CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.
- THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
- BACKPLATES SHALL BE POLYCARBONATE, LOUVERED FORMED BACKPLATES, WITH FLORESCENT YELLOW SHEETING.
- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE BACK HOUSING AND STEEL OR ALUMINUM BRACKETS.
- THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION. THE DOUBLE HANDHOLES INSTALLED CLOSE TO THE ROADWAY SHALL OPEN UP TOWARDS THE ROADWAY SO THE ELECTRICAL MAINTAINER IS NOT EXPOSED TO TRAFFIC WHEN WORKING.
- ALL UNINTERRUPTIBLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHA GUARD MONITORS.
- ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.
- ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
- THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
- THE MAST ARM FOUNDATIONS SHALL BE LOCATED A MINIMUM 5' FROM THE FACE OF THE CURB OR A MINIMUM OF 18' FROM THE EDGE OF PAVEMENT TO THE FACE OF THE FOUNDATION WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN CURB AREA, GET MORE THAN 6' IF POSSIBLE IF THE SIGNAL HEAD STILL LINES UP IN THE CENTER OF LANE.
- ONE WEEK PRIOR TO SIGNAL TURN-ON FOR BOTH DIRECTIONS, THE CHANGEABLE MESSAGE SIGNS SHOULD READ "NEW SIGNAL AHEAD / TURN ON DATE" FOR THREE WEEKS. AFTER THE SIGNALS ARE TURNED ON THE MESSAGE SIGN SHOULD READ "NEW SIGNAL AHEAD / BE PREPARED TO STOP". FOR FOUR WEEKS.
- ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

- AFTER MILLING, THE CONTRACTOR IS RESPONSIBLE FOR MARKING THE DETECTOR LOOP DIVE HOLES. THE INSTALLATION OF DIVE HOLES AND CORRESPONDING CONDUIT FOR DETECTOR LOOP INSTALLATION SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP, TYPE I PAY ITEM.
- ALL TRAFFIC SIGNAL CONTROLLERS SHALL INCLUDE NTCIP AND SHALL HAVE SPACE AVAILABLE FOR FOR VIDEO G DETECTION EQUIPMENT.
- THE MAINLINE STOP BAR DETECTOR LOOPS SHALL BE GREEN EXTENDED SO THE DETECTOR LOOPS DETECT WHEN THERE IS A QUEUE OF TRAFFIC ONLY. AFTER THE QUEUE OF TRAFFIC IS DONE, THE DETECTOR LOOP SHALL NOT EXTEND TIME ANYMORE.

## TEMPORARY TRAFFIC SIGNAL GENERAL NOTES

- ALL SIGNAL HEADS ON AN INDIVIDUAL SPAN WIRE SHALL BE MOUNTED SO THAT THE "RED" INDICATIONS ARE LEVEL WITH EACH OTHER.
- THE CONTRACTOR SHALL PROVIDE 3 FEET OF SLACK CABLE IN THE CONTROLLER AND ON THE WOOD POLES. THE SLACK IS IN ADDITION TO THE VERTICAL LENGTH OF CABLE DEFINED IN THE STANDARD SPECIFICATIONS AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR ELECTRICAL CABLE OF THE TYPE SPECIFIED.
- TEMPORARY WOOD POLES SHALL BE LOCATED A MINIMUM OF 6' FROM THE FACE OF CURB OR A MINIMUM OF 18' FROM THE EDGE OF PAVEMENT WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ALL TEMPORARY WOOD POLES SHALL BE INSTALLED SO THAT A MINIMUM OF 30' OF POLE IS ABOVE THE EXISTING PAVEMENT ELEVATION ADJACENT TO THE POLE. A SUFFICIENT LENGTH OF POLE SHALL BE BURIED AND BACK GUYED TO ALLOW THE INSTALLATION TO WITHSTAND A 70 MPH SUSTAINED WIND LOADING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE WOOD POLE LOCATIONS BEFORE ORDERING TO DETERMINE IF LONGER POLES ARE REQUIRED.
- TEMPORARY SIGNAL HEADS SHALL BE LED AND 12" DIAMETER AND SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER TO LINE UP WITH STAGE TRAFFIC LANES. THIS WORK WILL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- TEMPORARY SIGNAL HEADS SHALL BE RELOCATED AS NECESSARY TO LINE UP WITH STAGE TRAFFIC LANES. DO NOT INSTALL HEADS THAT BLOCK OPPOSING TRAFFIC HEADS. WHEN POSSIBLE PLACE TEMPORARY SIGNALS IN FRONT OF EXISTING TRAFFIC SIGNALS. THIS WORK WILL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR EXCEPT FOR THE EMERGENCY PRE-EMPTION AND DETECTOR UNIT WHICH SHALL BE RELOCATED FROM THE EXISTING TRAFFIC SIGNAL SYSTEM TO THE TEMPORARY TRAFFIC SIGNAL SYSTEM AND WILL BE PAID FOR SEPARATELY.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND EXISTING MAST ARMS, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE AS DIRECTED BY THE ENGINEER.
- 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.
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

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**WBK ENGINEERING, LLC**  
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PLOT SCALE = ---	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
TRAFFIC SIGNAL GENERAL NOTES**

SCALE: AS SHOWN SHEET 1 OF 13 SHEETS STA. - TO STA. -

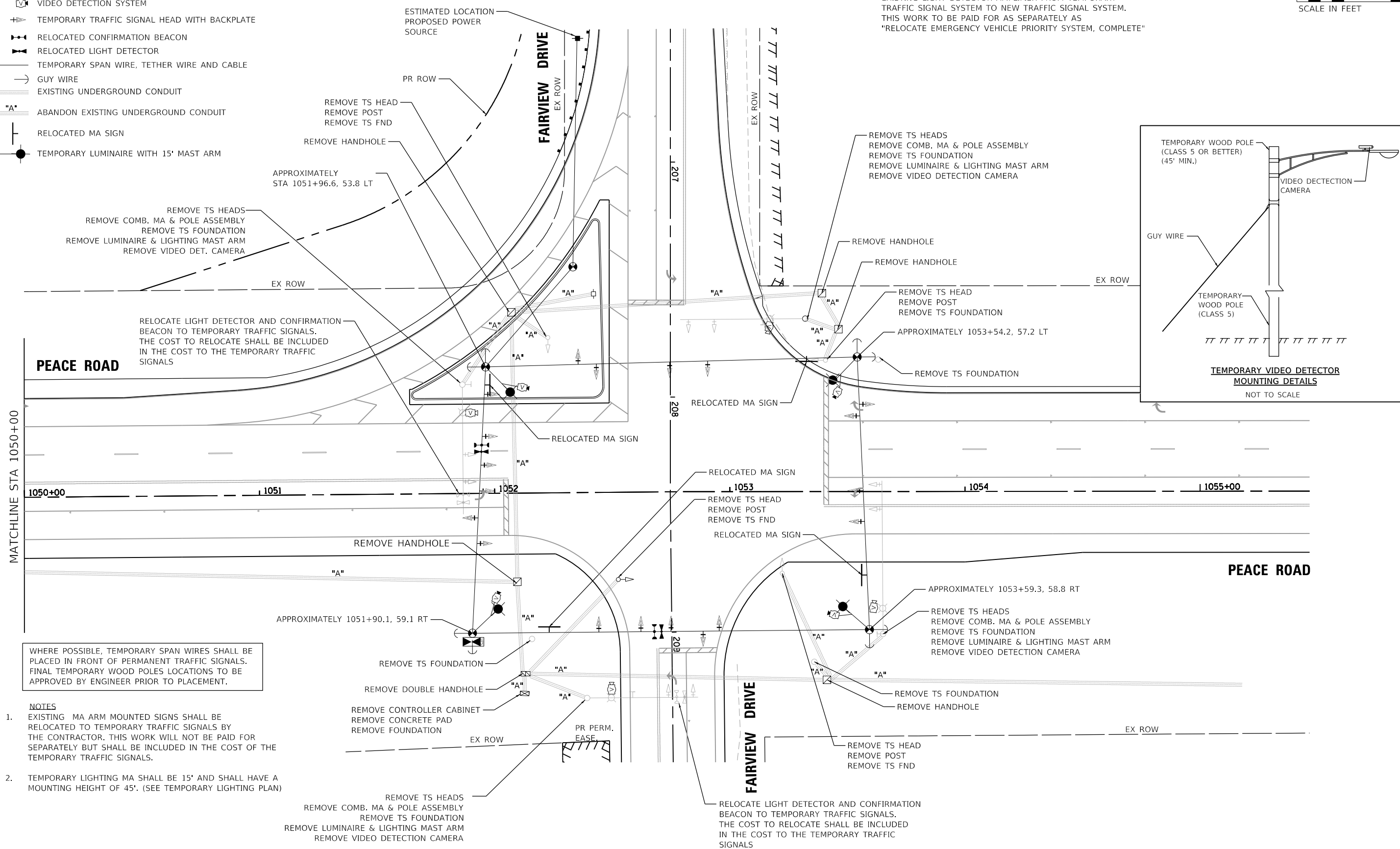
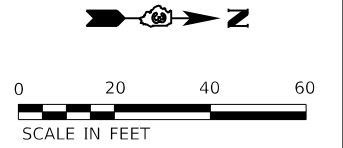
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ILLINOIS			CONTRACT NO. 87750	
FED. AID PROJECT X				

TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY CONTROLLER, CABINET, AND UPS
- TEMPORARY WOOD POLE (CLASS 5) 45 FOOT MINIMUM
- VIDEO DETECTION SYSTEM
- TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
- RELOCATED CONFIRMATION BEACON
- RELOCATED LIGHT DETECTOR
- TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
- GUY WIRE
- EXISTING UNDERGROUND CONDUIT
- "A" ABANDON EXISTING UNDERGROUND CONDUIT
- RELOCATED MA SIGN
- TEMPORARY LUMINAIRE WITH 15' MAST ARM

CONSTRUCTION NOTES:

- 1 RELOCATE LIGHT DETECTORS, CONFIRMATION BEACONS EXISTING LIGHT DETECTOR AMPLIFIER FROM TEMPORARY TRAFFIC SIGNAL SYSTEM TO NEW TRAFFIC SIGNAL SYSTEM. THIS WORK TO BE PAID FOR AS SEPARATELY AS "RELOCATE EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE"



RELOCATE LIGHT DETECTOR AND CONFIRMATION BEACON TO TEMPORARY TRAFFIC SIGNALS. THE COST TO RELOCATE SHALL BE INCLUDED IN THE COST TO THE TEMPORARY TRAFFIC SIGNALS

WHERE POSSIBLE, TEMPORARY SPAN WIRES SHALL BE PLACED IN FRONT OF PERMANENT TRAFFIC SIGNALS. FINAL TEMPORARY WOOD POLES LOCATIONS TO BE APPROVED BY ENGINEER PRIOR TO PLACEMENT.

- NOTES
1. EXISTING MA ARM MOUNTED SIGNS SHALL BE RELOCATED TO TEMPORARY TRAFFIC SIGNALS BY THE CONTRACTOR. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNALS.
  2. TEMPORARY LIGHTING MA SHALL BE 15' AND SHALL HAVE A MOUNTING HEIGHT OF 45'. (SEE TEMPORARY LIGHTING PLAN)

REMOVE TS HEADS  
REMOVE COMB. MA & POLE ASSEMBLY  
REMOVE TS FOUNDATION  
REMOVE LUMINAIRE & LIGHTING MAST ARM  
REMOVE VIDEO DETECTION CAMERA

RELOCATE LIGHT DETECTOR AND CONFIRMATION BEACON TO TEMPORARY TRAFFIC SIGNALS. THE COST TO RELOCATE SHALL BE INCLUDED IN THE COST TO THE TEMPORARY TRAFFIC SIGNALS

FILE NAME = Z:\2020\200154 PeaceRdFairviewDPhl\_Itcadd\Civil\Drawn\200154+18p+em+01.dgn

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USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
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








CITY OF DEKALB

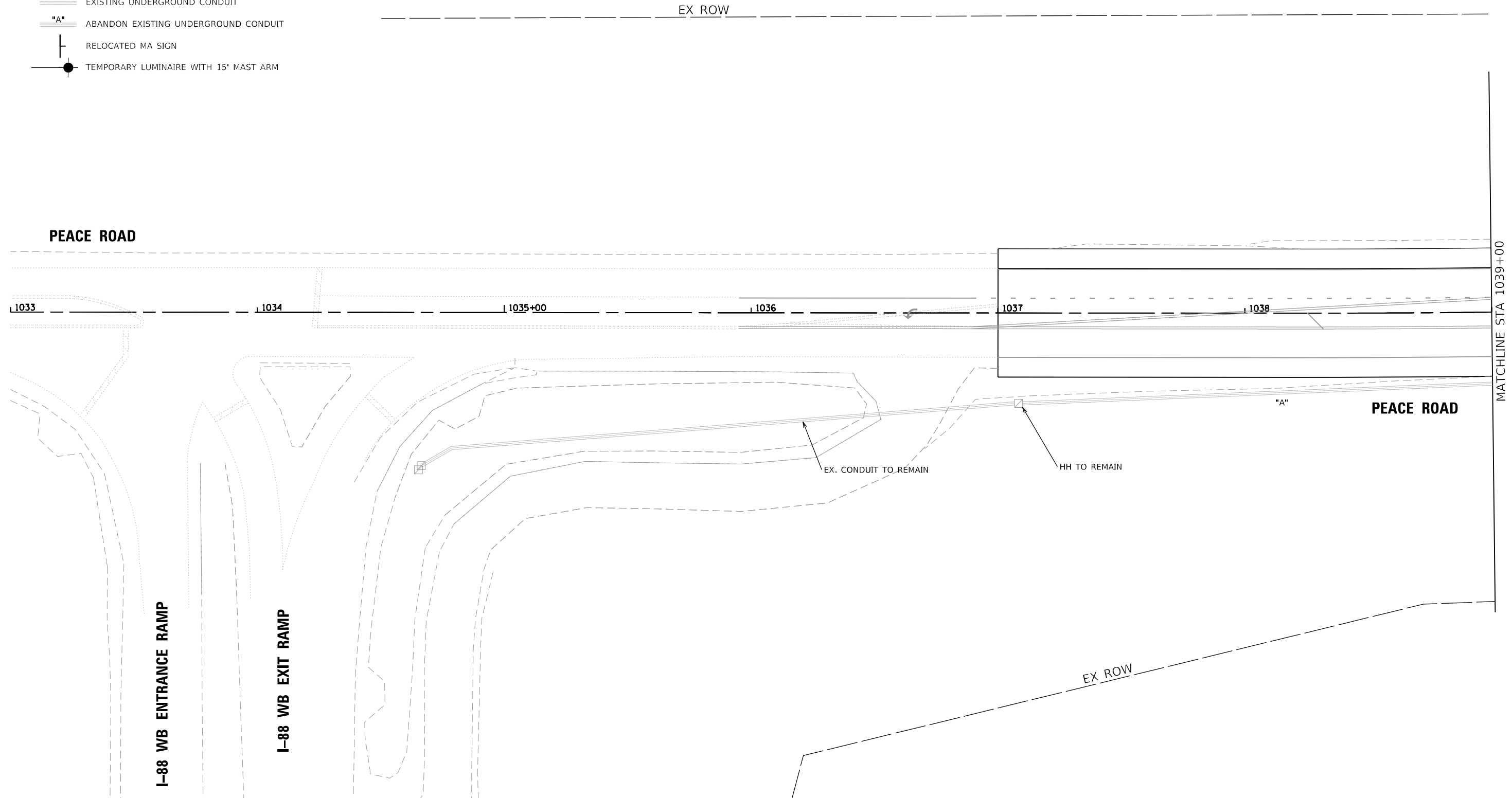
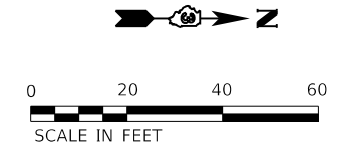
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN PEACE ROAD AND FAIRVIEW DRIVE, DEKALB, ILLINOIS**

SCALE: N.T.S. SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 52
ILLINOIS			CONTRACT NO. 87750	
			FED. AID PROJECT X	

TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY CONTROLLER, CABINET, AND UPS
-  TEMPORARY WOOD POLE (CLASS 5) 45 FOOT MINIMUM
-  VIDEO DETECTION SYSTEM
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  GUY WIRE
-  EXISTING UNDERGROUND CONDUIT
-  "A" ABANDON EXISTING UNDERGROUND CONDUIT
-  RELOCATED MA SIGN
-  TEMPORARY LUMINAIRE WITH 15' MAST ARM



FILE NAME = Z:\2020\200154 PeaceRd\FalviewDPII\_Itcadd\Civil\Drawn\200154-151b-tem-02.dgn

**WBK ENGINEERING**  
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PLOT SCALE = 1:40	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

CITY OF DEKALB













**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN**  
 PEACE ROAD AND FAIRVIEW DRIVE, DEKALB, ILLINOIS

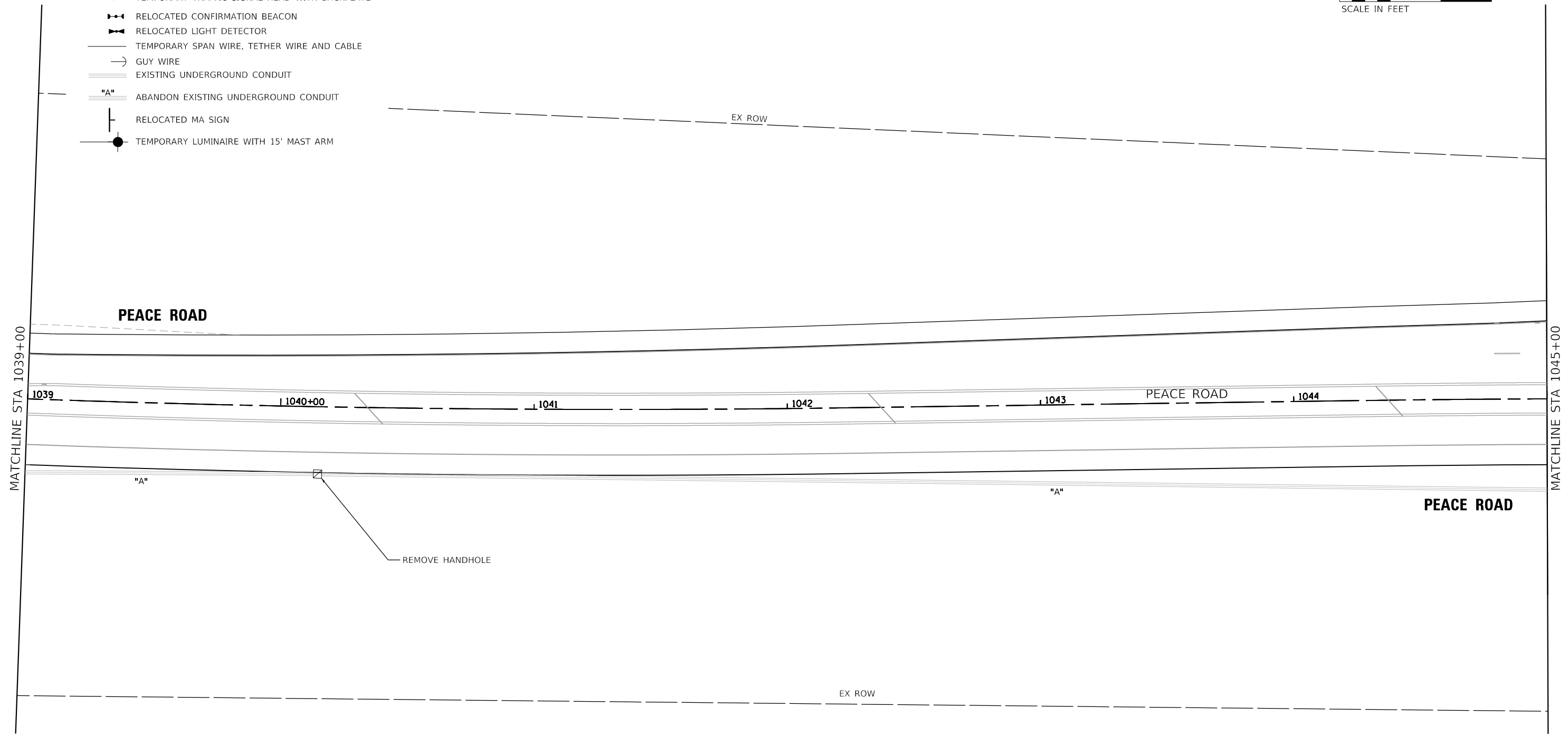
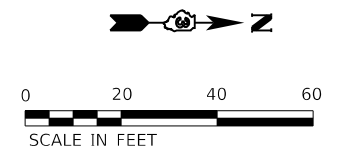
SCALE: N.T.S. SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 5389/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 53
ILLINOIS		FED. AID PROJECT X		

MATCHLINE STA 1039+00

TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY CONTROLLER, CABINET, AND UPS
-  TEMPORARY WOOD POLE (CLASS 5) 45 FOOT MINIMUM
-  VIDEO DETECTION SYSTEM
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  GUY WIRE
-  EXISTING UNDERGROUND CONDUIT
-  "A" ABANDON EXISTING UNDERGROUND CONDUIT
-  RELOCATED MA SIGN
-  TEMPORARY LUMINAIRE WITH 15' MAST ARM



FILE NAME = Z:\2020\200154 PeaceRdFairviewDPhl\_Itcadd\Civil\Drawn\200154+154+154+em-03.dgn

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	DATE - 12-21-21	REVISED -













**CITY OF DEKALB**

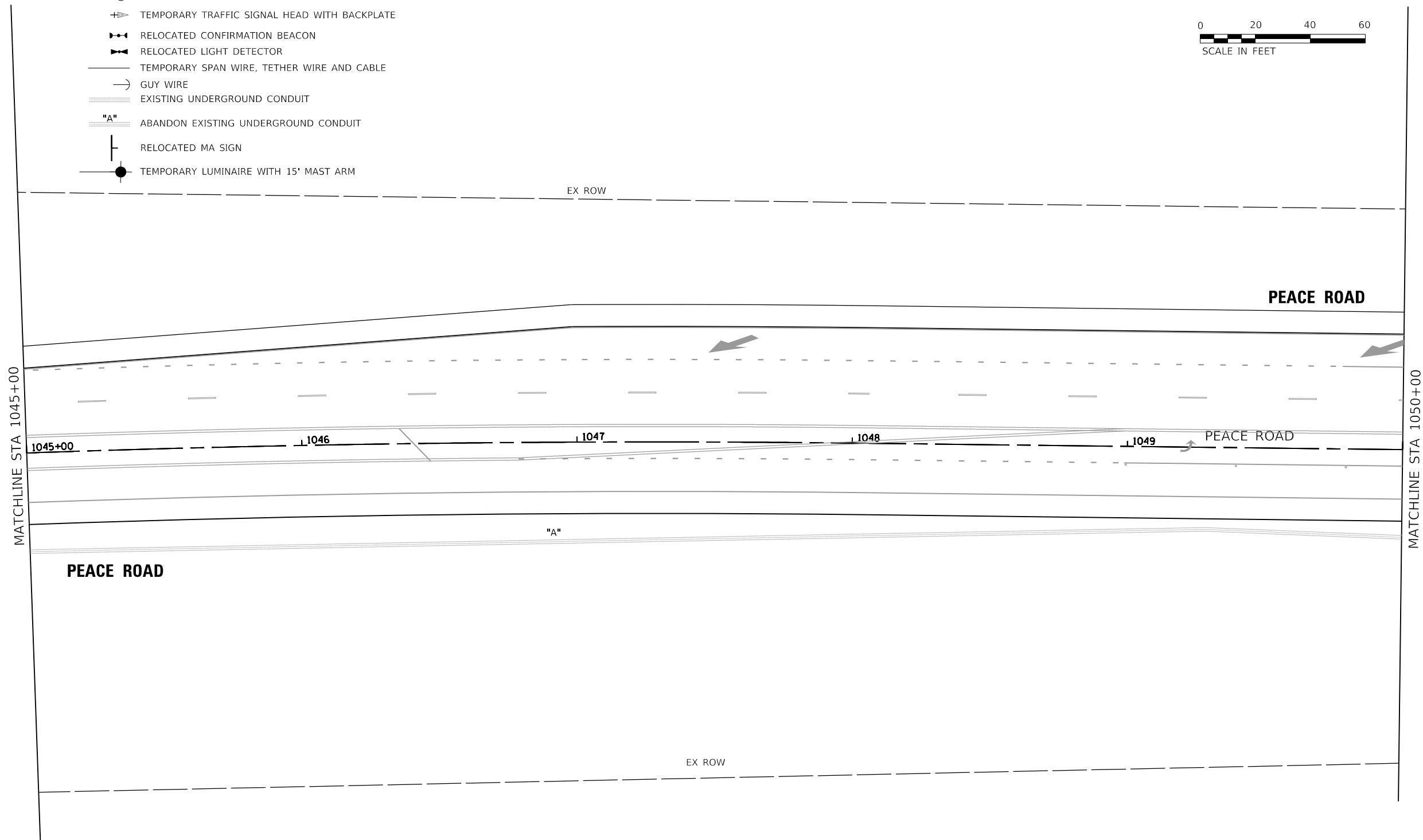
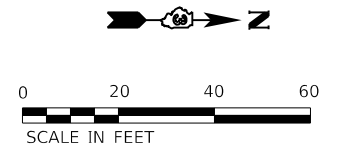
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN  
 PEACE ROAD AND FAIRVIEW DRIVE, DEKALB, ILLINOIS**

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 54
ILLINOIS			CONTRACT NO. 87750	
SCALE: N.T.S.			FED. AID PROJECT X	

SCALE: N.T.S. SHEET 4 OF 13 SHEETS STA. TO STA.

**TEMPORARY TRAFFIC SIGNAL LEGEND**

-  TEMPORARY CONTROLLER, CABINET, AND UPS
-  TEMPORARY WOOD POLE (CLASS 5) 45 FOOT MINIMUM
-  VIDEO DETECTION SYSTEM
-  TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  GUY WIRE
-  EXISTING UNDERGROUND CONDUIT
-  "A" ABANDON EXISTING UNDERGROUND CONDUIT
-  RELOCATED MA SIGN
-  TEMPORARY LUMINAIRE WITH 15' MAST ARM



FILE NAME = Z:\2020\200154 PeaceRdFairviewDPII\_Itcadd\Civil\Drawings\200154-154-00-04.dgn

**WBK ENGINEERING**  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
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USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:40	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

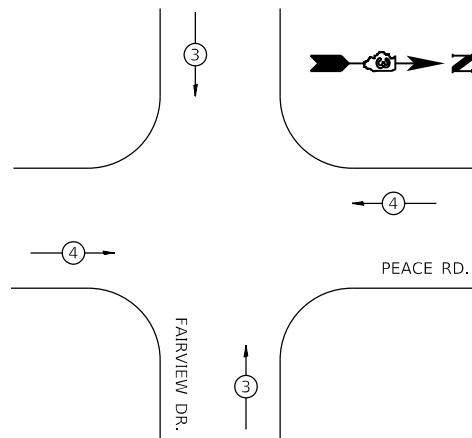
**CITY OF DEKALB**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN**  
**PEACE ROAD AND FAIRVIEW DRIVE, DEKALB, ILLINOIS**

SCALE: N.T.S. SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 55
ILLINOIS			CONTRACT NO. 87750	
FED. AID PROJECT X				

**TEMPORARY EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**

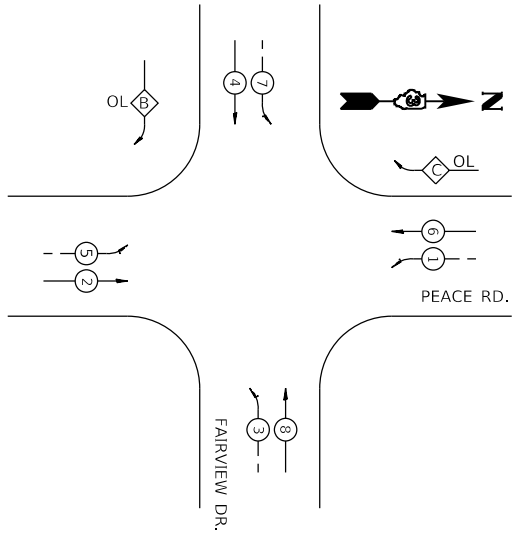


PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑	←

**TEMPORARY CABLE DIAGRAM LEGEND**

- TEMPORARY CONTROLLER & UPS
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY TRAFFIC SIGNAL HEAD W/ BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- VIDEO DETECTION SYSTEM
- TEMPORARY LIGHTING, SODIUM VAPOR, 400 WATT
- "R" RELOCATED EVP LIGHT DETECTOR
- "R" RELOCATED EVP CONFIRMATION BEACON
- TEMPORARY AERIAL VIDEO CAMERA CABLE PER MANUFACTURERS SPECIFICATIONS
- TEMPORARY ELECTRIC SERVICE CABLE, AERIAL, NO. 4 2/C
- TEMPORARY AERIAL CABLE, 600V (XLP-TYPE USE) 2 - 1/C NO. 10

**TEMPORARY CONTROLLER SEQUENCE**



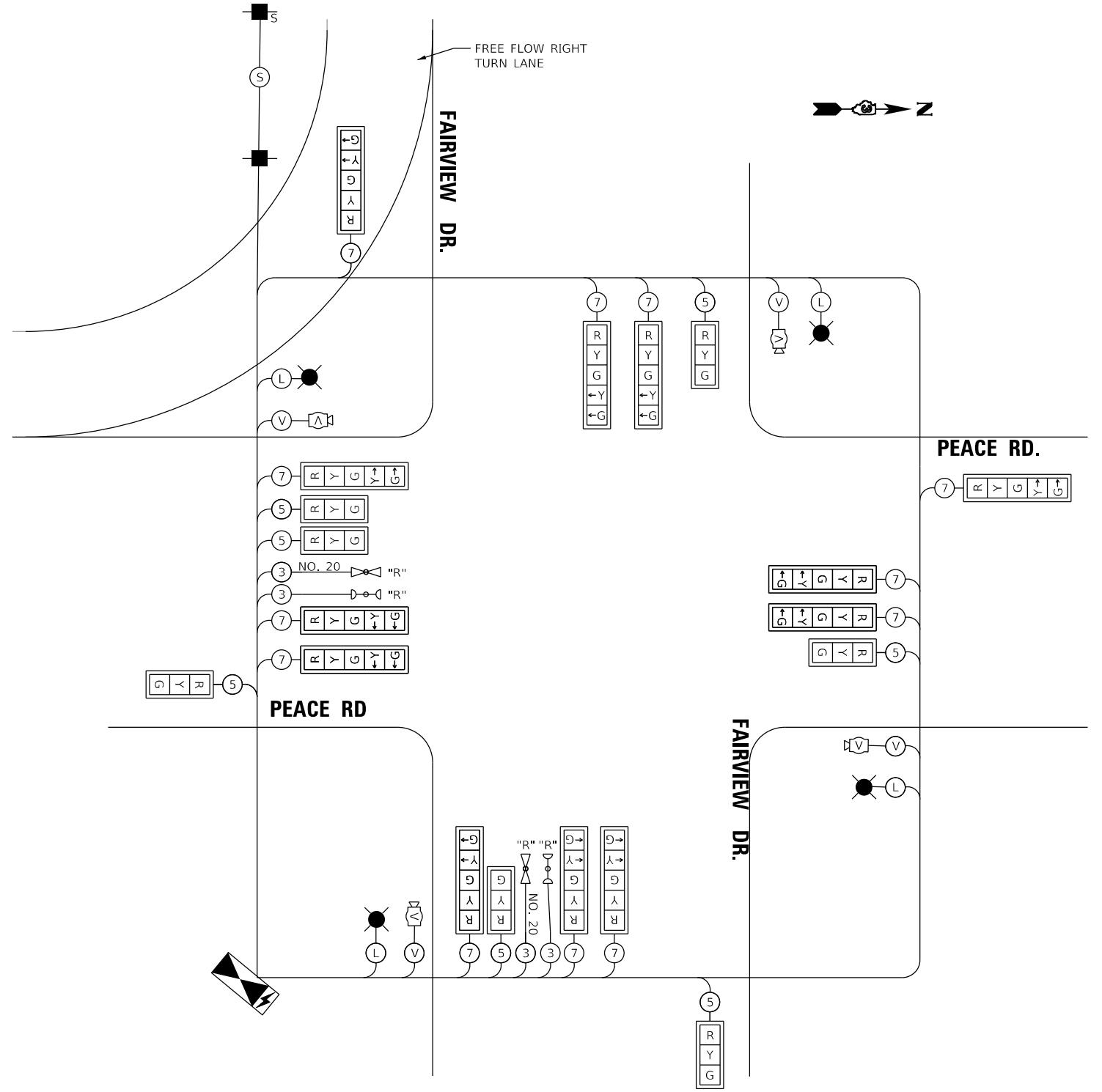
- LEGEND:**
- DUAL ENTRY PHASE
  - SINGLE ENTRY PHASE
  - OVERLAP
  - PEDESTRIAN PHASE
  - NUMBER REFERS TO ASSOCIATED PHASE

**PHASE DESIGNATION DIAGRAM**

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (1 EACH)  
 THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF DEKALB:

- CONTROLLER AND CABINET (COMPLETE)
- SIGNAL HEAD, 1 - FACE, 3-SECTION
- SIGNAL HEAD, 1 - FACE, 5-SECTION
- COMBINATION STEEL MAST ARM AND POLE
- SIGNAL POST
- SERVICE INSTALLATION
- LUMINARE AND MAST ARM
- VIDEO DETECTION CAMERA

- NOTES**
- SEE TEMPORARY INTERSECTION LIGHTING PLAN FOR ELEC. CABLE REQUIREMENTS.
  - COVER LENSES THAT ARE NOT BEING USED. INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNALS.

















**TEMPORARY CABLE PLAN**  
(NOT TO SCALE)

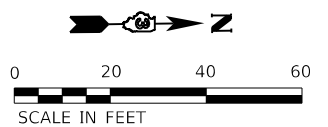
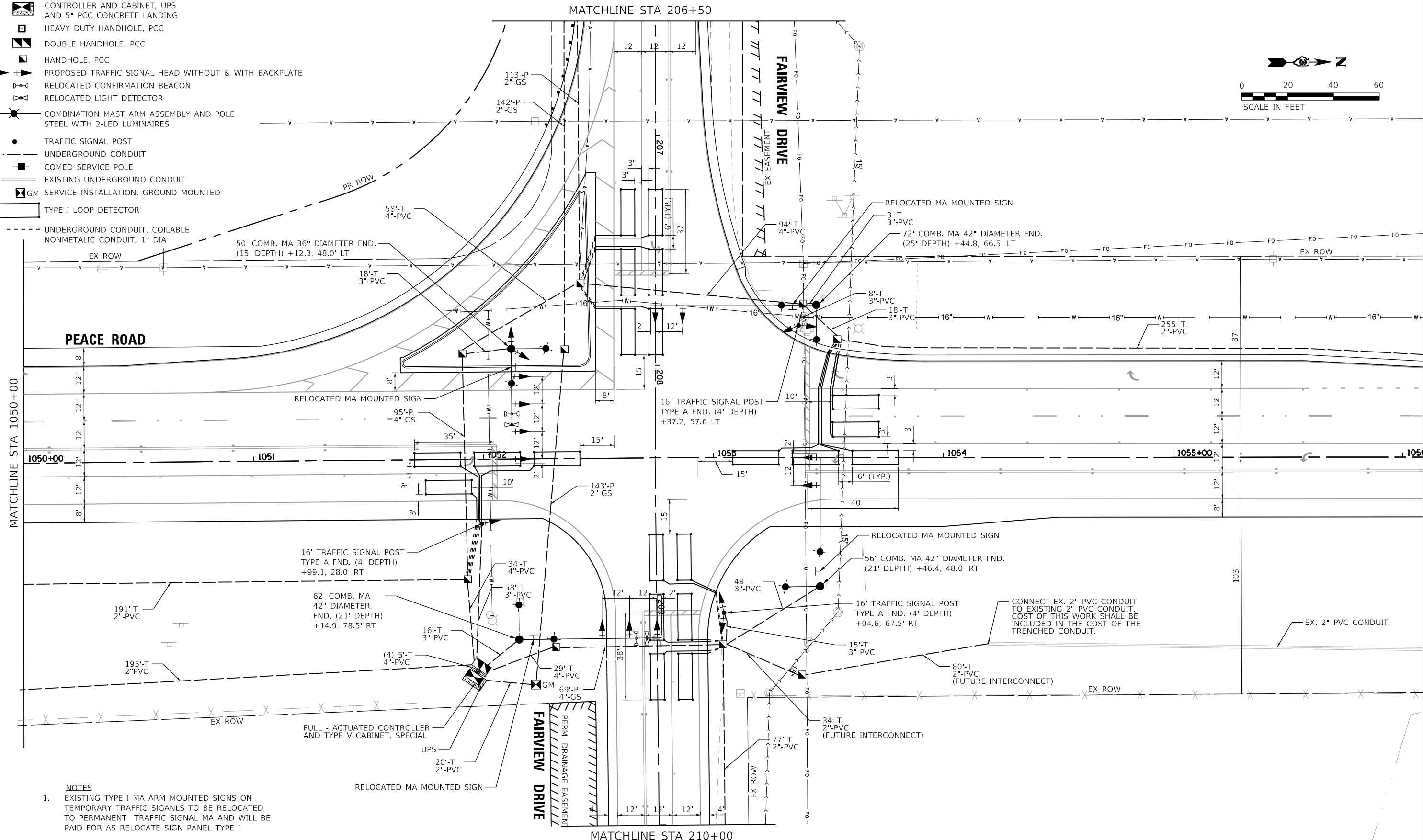
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	DATE - 12-21-21	REVISED -



**TRAFFIC SIGNAL LEGEND**

-  CONTROLLER AND CABINET, UPS AND 5" PCC CONCRETE LANDING
-  HEAVY DUTY HANDHOLE, PCC
-  DOUBLE HANDHOLE, PCC
-  HANDHOLE, PCC
-  PROPOSED TRAFFIC SIGNAL HEAD WITHOUT & WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH 2-LED LUMINAIRES
-  TRAFFIC SIGNAL POST
-  UNDERGROUND CONDUIT
-  COMED SERVICE POLE
-  EXISTING UNDERGROUND CONDUIT
-  GM SERVICE INSTALLATION, GROUND MOUNTED
-  TYPE I LOOP DETECTOR



- NOTES**
- EXISTING TYPE I MA ARM MOUNTED SIGNS ON TEMPORARY TRAFFIC SIGNALS TO BE RELOCATED TO PERMANENT TRAFFIC SIGNAL MA AND WILL BE PAID FOR AS RELOCATE SIGN PANEL TYPE I

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	DATE - 12-21-21	REVISED -





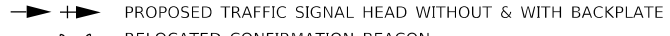


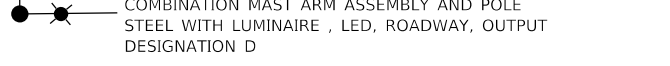





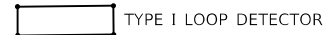
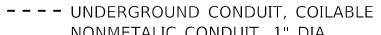
**CITY OF DEKALB**

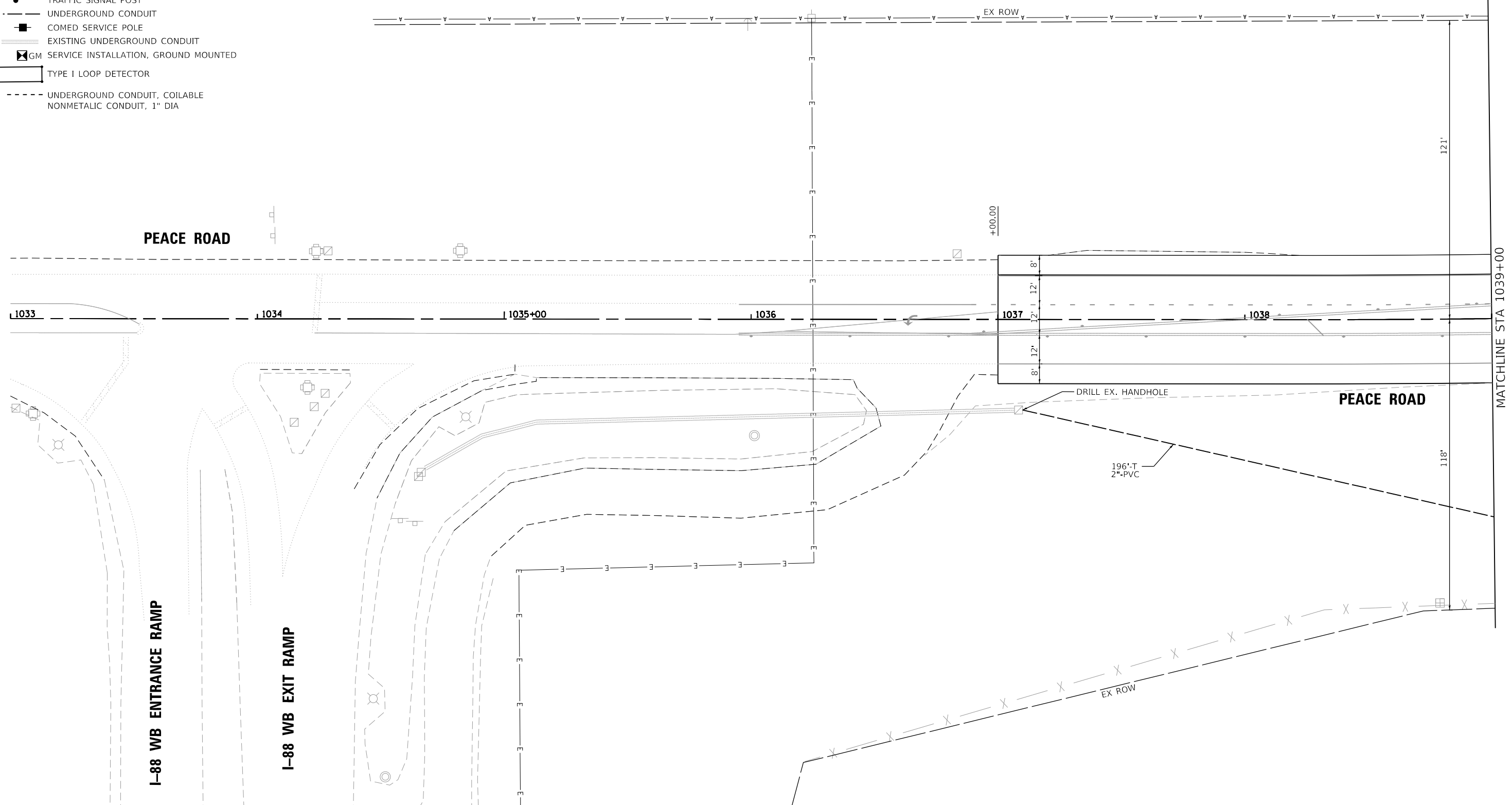
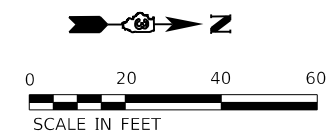
**TRAFFIC SIGNAL INSTALLATION**  
**PEACE ROAD AND FAIRVIEW DRIVE**

SCALE: N.T.S. SHEET 7 OF 13 SHEETS STA. 1050+00 TO STA. 1056+08.90

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 57
ILLINOIS			CONTRACT NO. 87750	
FED. AID PROJECT X				

**TRAFFIC SIGNAL LEGEND**

-  CONTROLLER AND CABINET, UPS AND 5" PCC CONCRETE LANDING
-  HEAVY DUTY HANDHOLE, PCC
-  DOUBLE HANDHOLE, PCC
-  HANDHOLE, PCC
-  PROPOSED TRAFFIC SIGNAL HEAD WITHOUT & WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D
-  TRAFFIC SIGNAL POST
-  UNDERGROUND CONDUIT
-  COMED SERVICE POLE
-  EXISTING UNDERGROUND CONDUIT
-  GM SERVICE INSTALLATION, GROUND MOUNTED
-  TYPE I LOOP DETECTOR
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA



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**WBK ENGINEERING**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
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USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:40	DRAWN - SS	REVISED -
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	DATE - 12-21-21	REVISED -





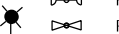










**CITY OF DEKALB**

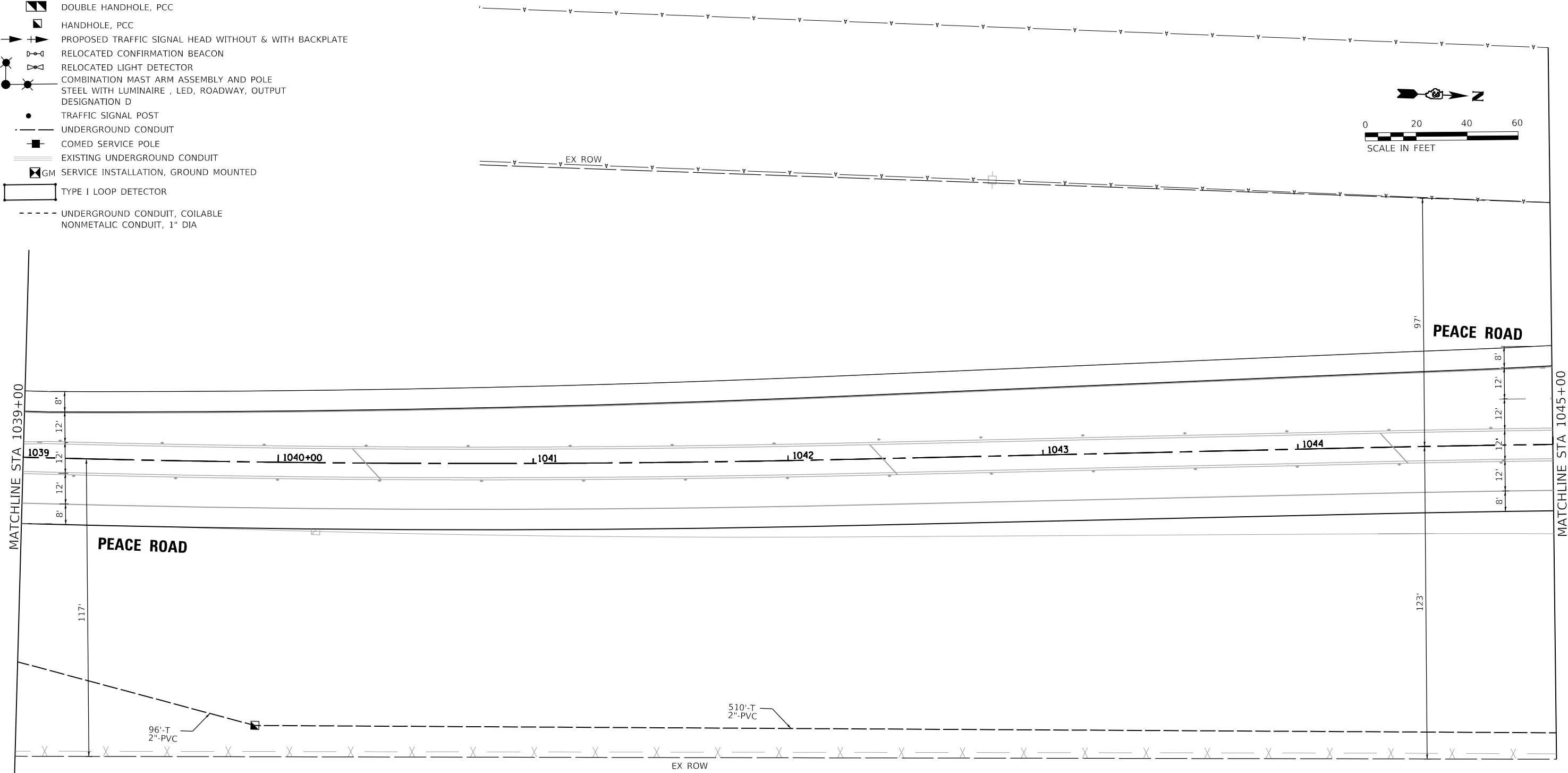
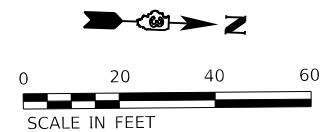
**TRAFFIC SIGNAL INSTALLATION  
 PEACE ROAD AND FAIRVIEW DRIVE**

SCALE: N.T.S.    SHEET 8 OF 13 SHEETS    STA. 1033+00 TO STA. 1039+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 58
ILLINOIS			CONTRACT NO. 87750	
FED. AID PROJECT X				

**TRAFFIC SIGNAL LEGEND**

-  CONTROLLER AND CABINET, UPS AND 5" PCC CONCRETE LANDING
-  HEAVY DUTY HANDHOLE, PCC
-  DOUBLE HANDHOLE, PCC
-  HANDHOLE, PCC
-  PROPOSED TRAFFIC SIGNAL HEAD WITHOUT & WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D
-  TRAFFIC SIGNAL POST
-  UNDERGROUND CONDUIT
-  COMED SERVICE POLE
-  EXISTING UNDERGROUND CONDUIT
-  GM SERVICE INSTALLATION, GROUND MOUNTED
-  TYPE I LOOP DETECTOR
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA



FILE NAME = Z:\2020\200154 PeaceRdFairviewDPhl\_Itcadd\CivilDgn\Sh\200154-154-03.dgn



USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
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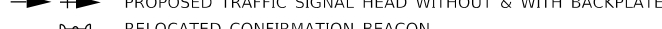




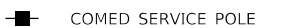

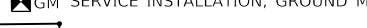



**CITY OF DEKALB**

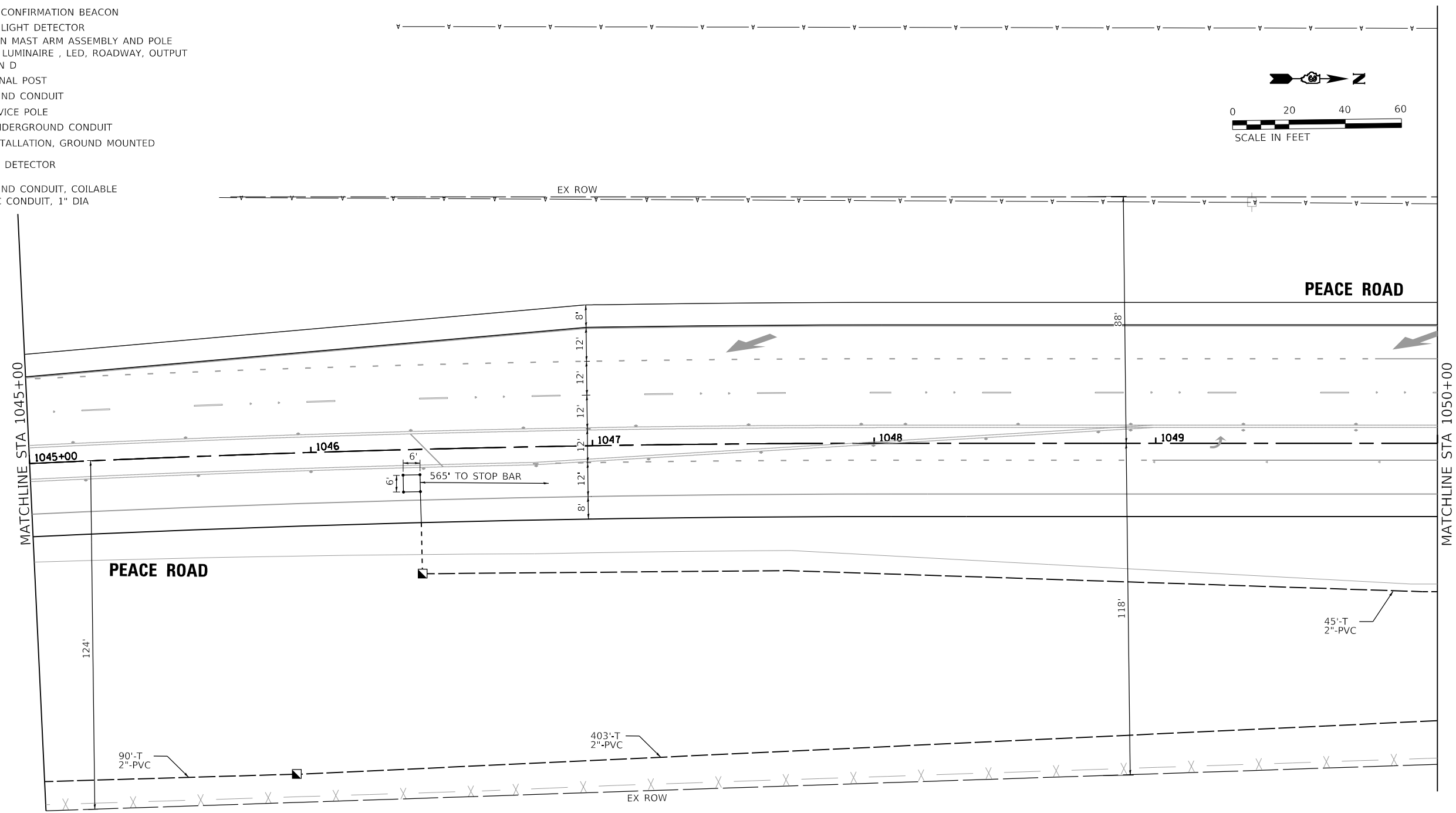
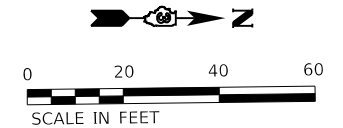
**TRAFFIC SIGNAL INSTALLATION  
PEACE ROAD AND FAIRVIEW DRIVE**

SCALE: N.T.S. SHEET 9 OF 13 SHEETS STA. 1033+00 TO STA. 1039+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 59
ILLINOIS			CONTRACT NO. 87750	
FED. AID PROJECT X				

**TRAFFIC SIGNAL LEGEND**

-  CONTROLLER AND CABINET, UPS AND 5" PCC CONCRETE LANDING
-  HEAVY DUTY HANDHOLE, PCC
-  DOUBLE HANDHOLE, PCC
-  HANDHOLE, PCC
-  PROPOSED TRAFFIC SIGNAL HEAD WITHOUT & WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D
-  TRAFFIC SIGNAL POST
-  UNDERGROUND CONDUIT
-  COMED SERVICE POLE
-  EXISTING UNDERGROUND CONDUIT
-  GM SERVICE INSTALLATION, GROUND MOUNTED
-  TYPE I LOOP DETECTOR
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA



FILE NAME = Z:\2020\200154\_PeaceRd\FairviewDPIH\_ItLead\CivilDgn\Sh\200154-154-04.dgn

**WBK ENGINEERING**  
 WBK ENGINEERING, LLC  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
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USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:40	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -
















**CITY OF DEKALB**

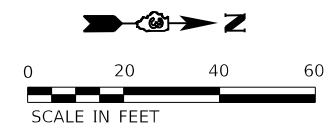
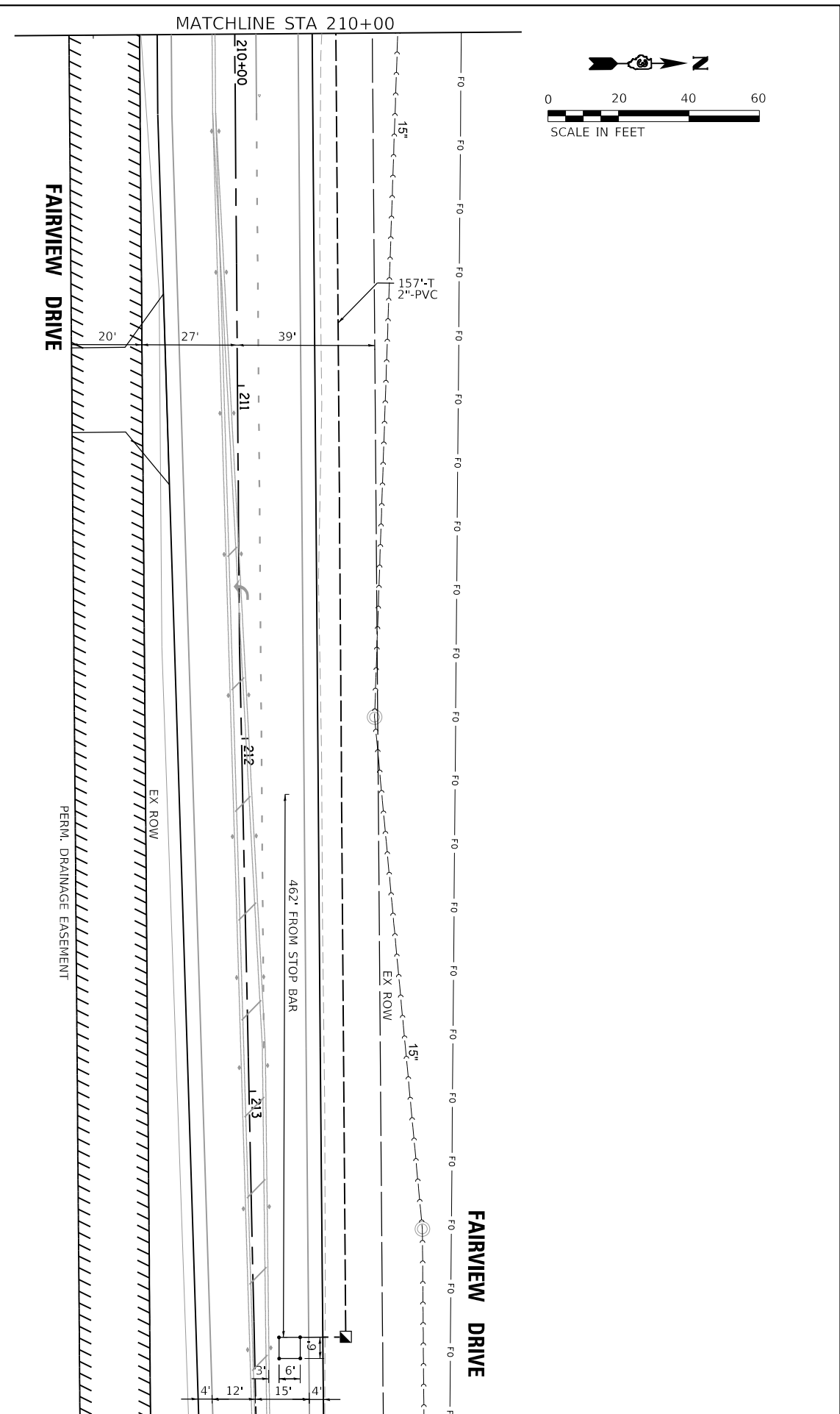
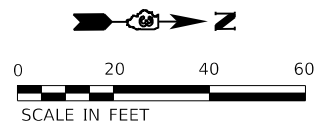
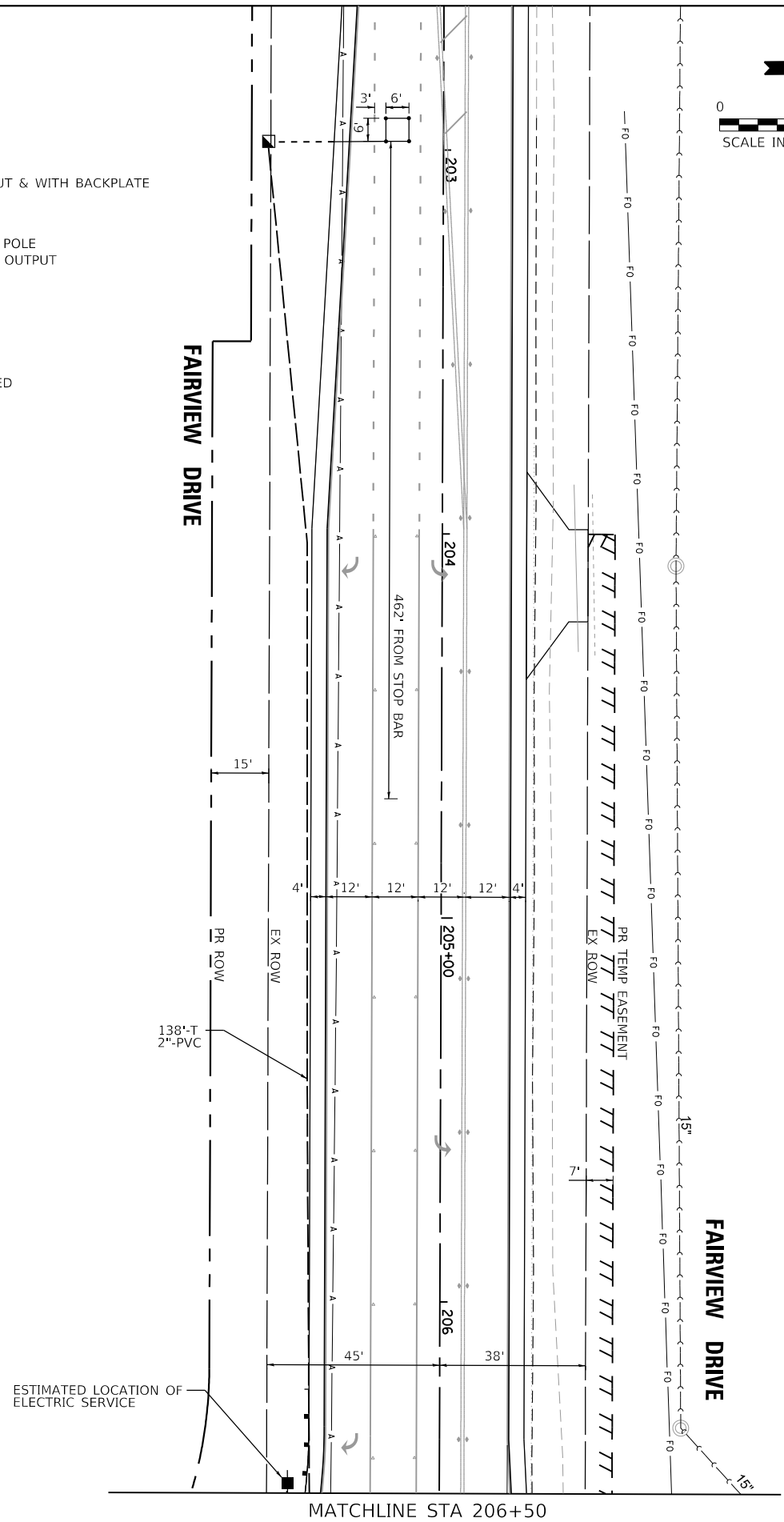
**TRAFFIC SIGNAL INSTALLATION  
PEACE ROAD AND FAIRVIEW DRIVE**

SCALE: N.T.S.    SHEET 10 OF 13 SHEETS    STA. 1033+00 TO STA. 1039+00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 60
ILLINOIS			FED. AID PROJECT X	

**TRAFFIC SIGNAL LEGEND**

-  CONTROLLER AND CABINET, UPS AND 5" PCC CONCRETE LANDING
-  HEAVY DUTY HANDHOLE, PCC
-  DOUBLE HANDHOLE, PCC
-  HANDHOLE, PCC
-  PROPOSED TRAFFIC SIGNAL HEAD WITHOUT & WITH BACKPLATE
-  RELOCATED CONFIRMATION BEACON
-  RELOCATED LIGHT DETECTOR
-  COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D
-  TRAFFIC SIGNAL POST
-  UNDERGROUND CONDUIT
-  COMED SERVICE POLE
-  EXISTING UNDERGROUND CONDUIT
-  SERVICE INSTALLATION, GROUND MOUNTED
-  TYPE I LOOP DETECTOR
-  UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA



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PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

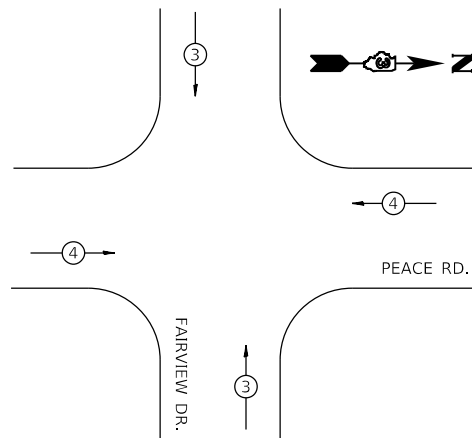
**CITY OF DEKALB**

**TRAFFIC SIGNAL INSTALLATION**  
**PEACE ROAD AND FAIRVIEW DRIVE**

SCALE: N.T.S.      SHEET 11 OF 13 SHEETS      STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

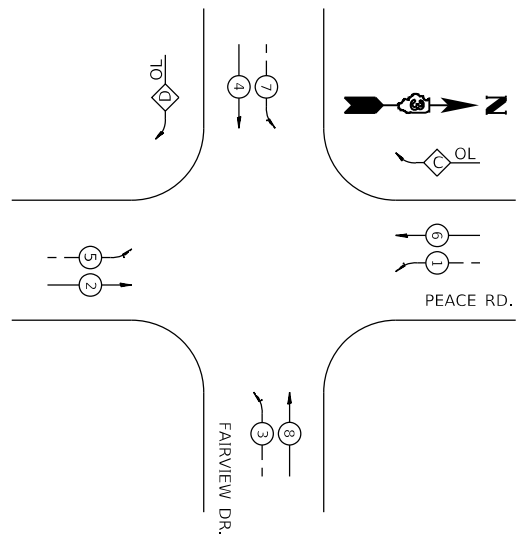
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ILLINOIS			FED. AID PROJECT X	

**EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**



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

**CONTROLLER SEQUENCE**



**PHASE DESIGNATION DIAGRAM**

**LEGEND:**

- → ○ DUAL ENTRY PHASE
- → SINGLE ENTRY PHASE
- OL OVERLAP

- NUMBER REFERS TO ASSOCIATED PHASE

**RIGHT-TURN OVERLAP DESIGNATION**

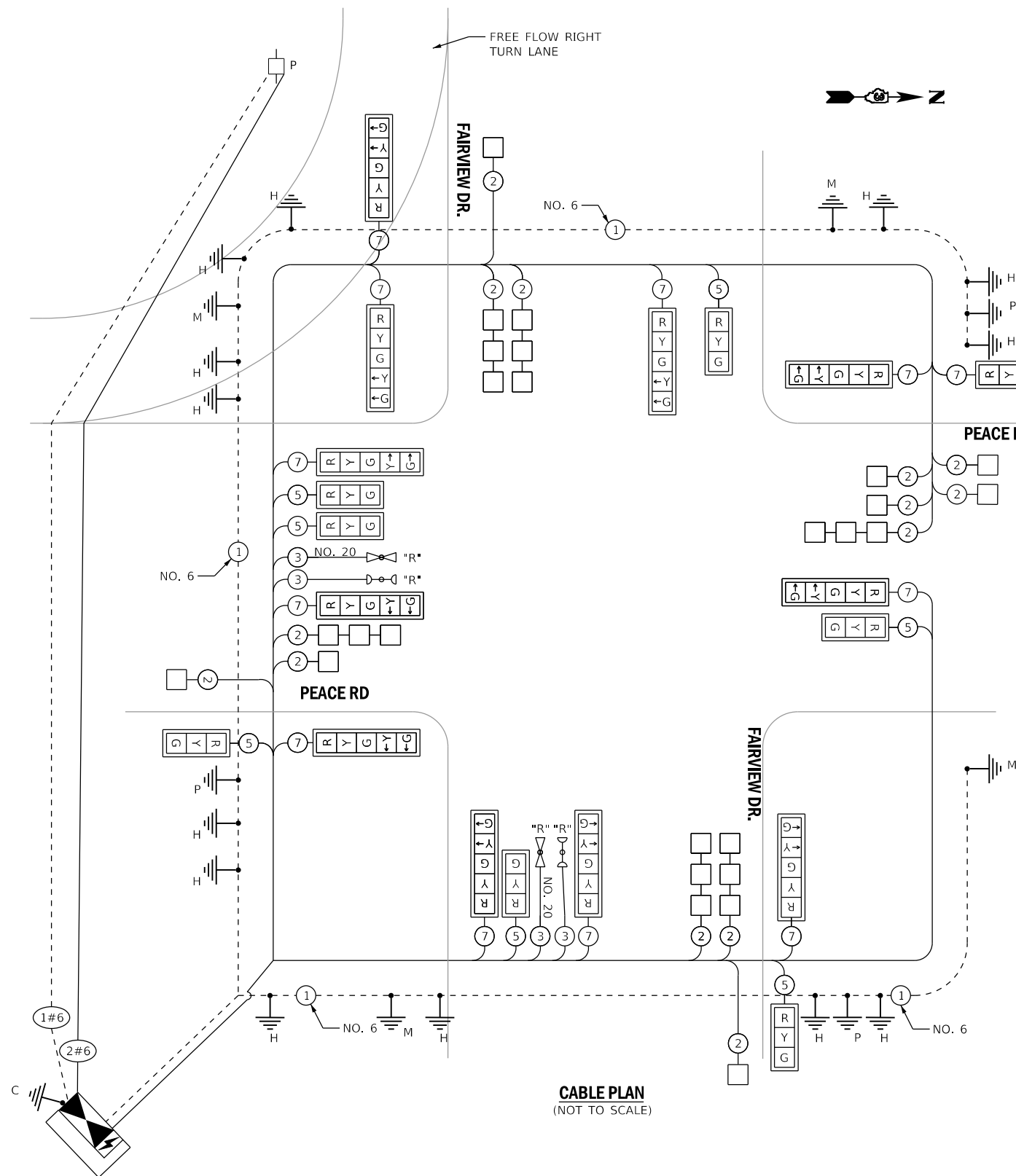
- C = 7 (prot) + 6 (perm)
- D = Free Flow

**TEMPORARY CABLE DIAGRAM LEGEND**

- ⚡ CONTROLLER, CABINET & UPS
- COMED ELECTRIC SERVICE POLE
- Ⓡ Ⓜ Ⓞ TRAFFIC SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE
- ⊛ DENOTES NUMBER OF CONDUCTORS
- LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D
- ⚡ "R" RELOCATED EVP LIGHT DETECTOR
- ⚡ "R" RELOCATED EVP CONFIRMATION BEACON
- Ⓢ ELECTRIC SERVICE CABLE IN CONDUIT, NO. 4 2/C
- Ⓛ LIGHTING CABLE, 600V (XLP-TYPE USE) 3 - 1/C NO. 10
- H GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- P/M GROUND ROD AT POST (P) OR MAST ARM POLE (M)
- C GROUND ROD AT CONTROLLER
- TYPE I LOOP DETECTOR (SEE PLAN FOR DIMENSIONS)
- EQUIPMENT GROUND CONDUCTOR

**SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	TOTAL QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	398
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	258
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3,521
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	187
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	112
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	320
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	15
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	823
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	16
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	375
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,257
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,748
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,648
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	374
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3,353
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 72 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	67
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	12
DETECTOR LOOP, TYPE I	FOOT	1,901
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, COMPLETE	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	8,795
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	375
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	19
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
LOOP DETECTOR TESTING	EACH	1
PERMANENT TRAFFIC SIGNAL TIMING	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3

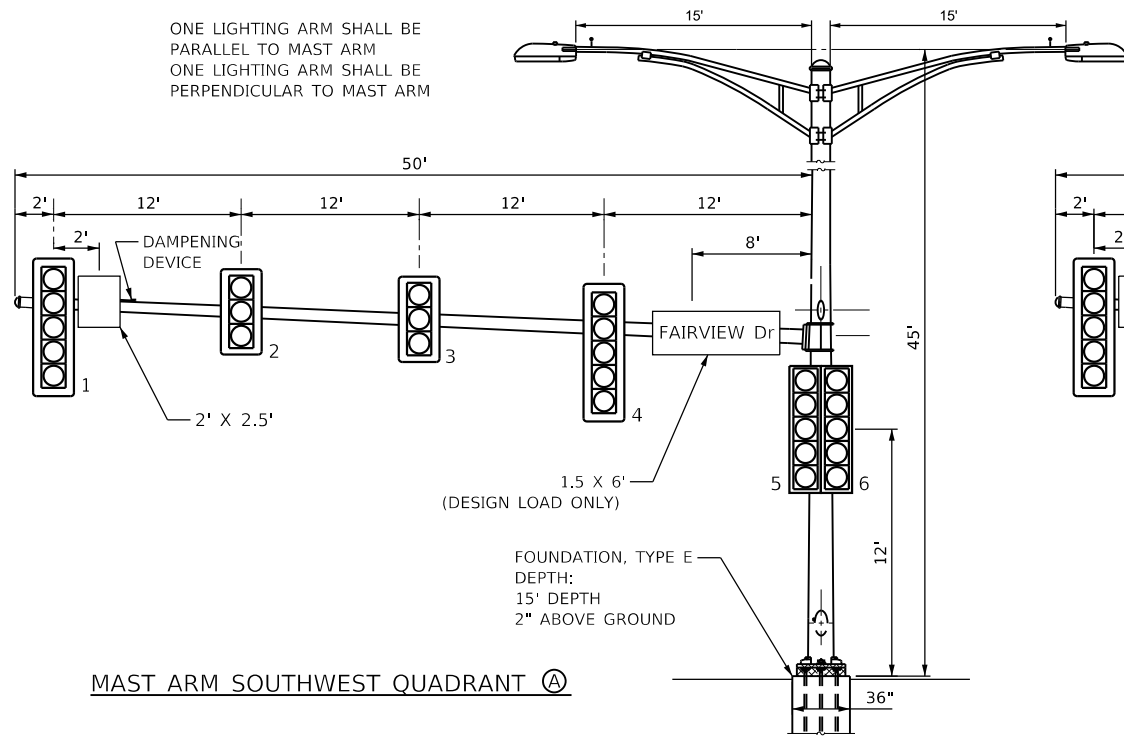


**CABLE PLAN  
(NOT TO SCALE)**

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 PROJECT: 23-020200154 - PeaceRdFairviewDrPH\_ILCaddCADD.dwg

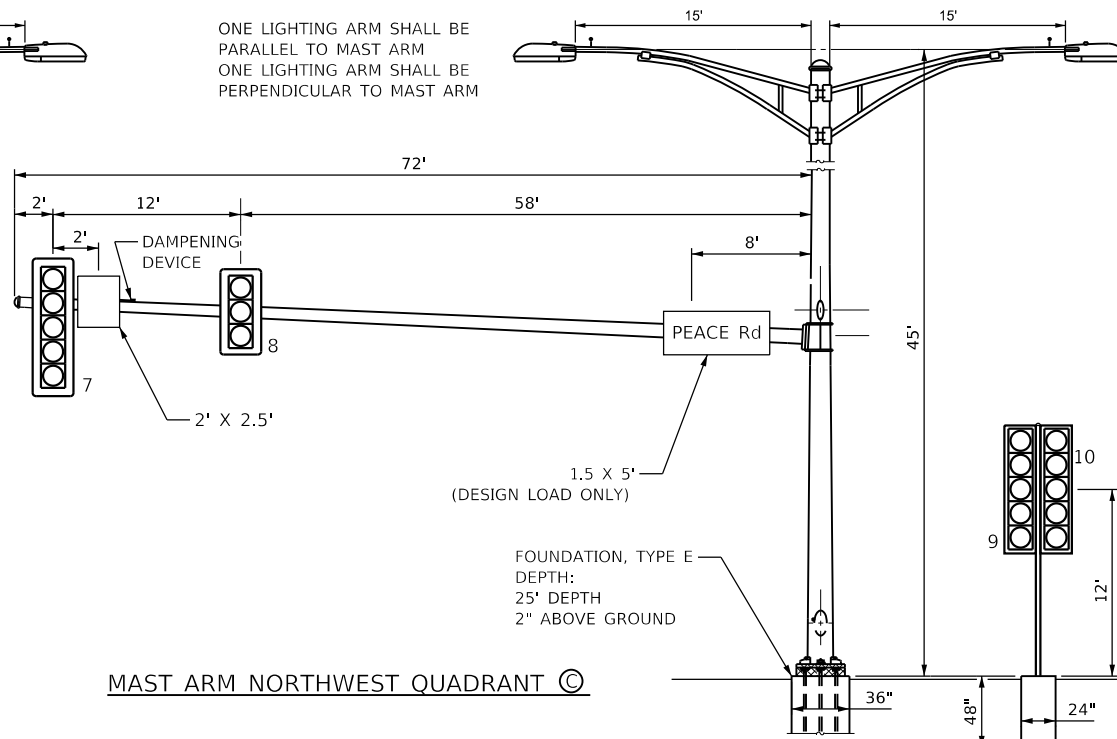
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	DATE - 12-21-21	REVISED -

ONE LIGHTING ARM SHALL BE PARALLEL TO MAST ARM  
ONE LIGHTING ARM SHALL BE PERPENDICULAR TO MAST ARM



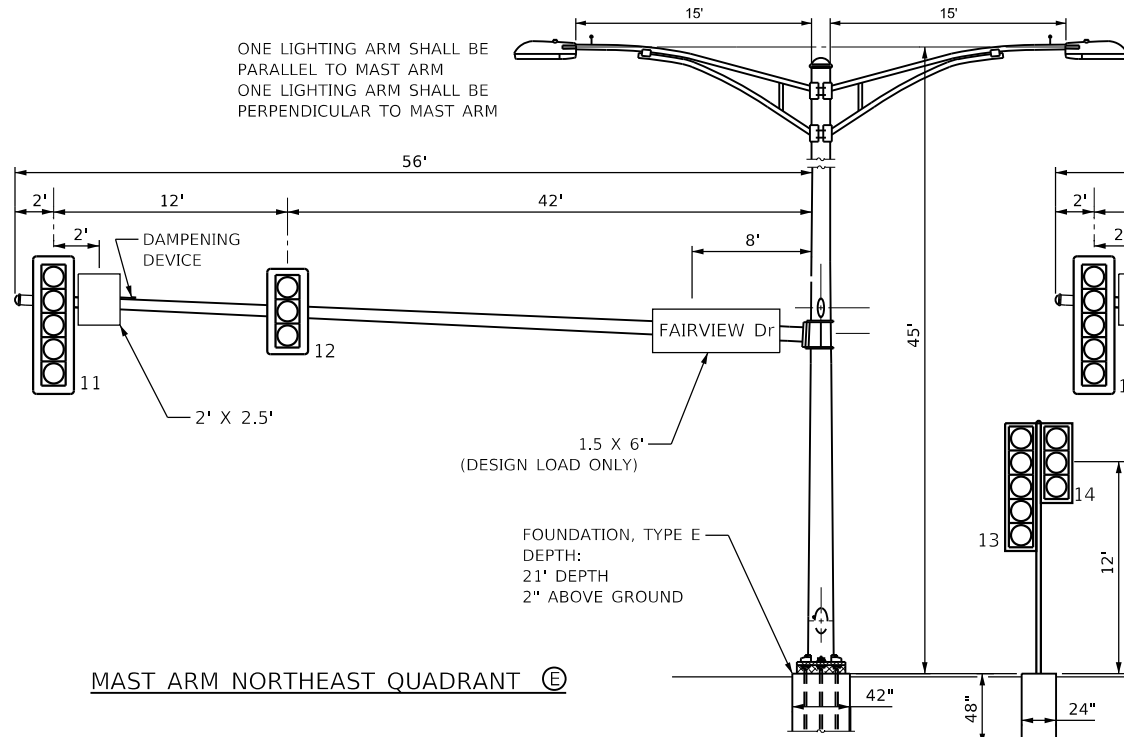
MAST ARM SOUTHWEST QUADRANT (A)

ONE LIGHTING ARM SHALL BE PARALLEL TO MAST ARM  
ONE LIGHTING ARM SHALL BE PERPENDICULAR TO MAST ARM



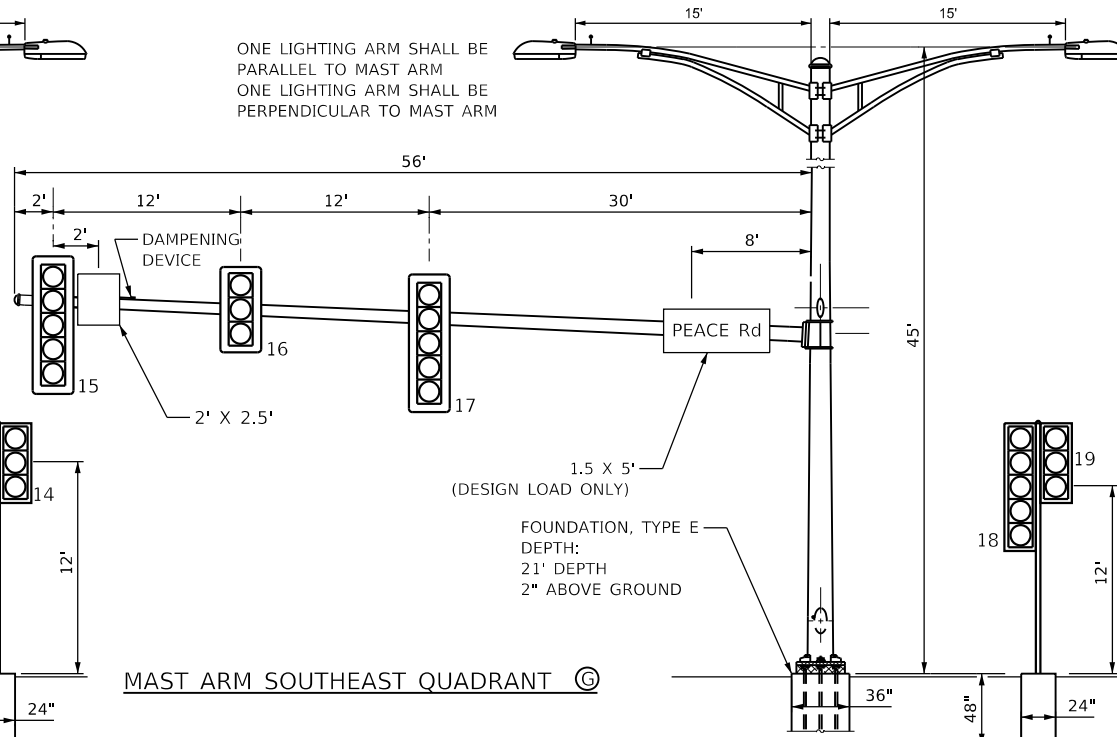
MAST ARM NORTHWEST QUADRANT (C)

ONE LIGHTING ARM SHALL BE PARALLEL TO MAST ARM  
ONE LIGHTING ARM SHALL BE PERPENDICULAR TO MAST ARM



MAST ARM NORTHEAST QUADRANT (E)

ONE LIGHTING ARM SHALL BE PARALLEL TO MAST ARM  
ONE LIGHTING ARM SHALL BE PERPENDICULAR TO MAST ARM



MAST ARM SOUTHEAST QUADRANT (G)

ELECTRICAL LOAD CHART

PEACE ROAD

INDICATION	NUMBER	WATTAGE EACH	BURN TIME
RED	12	11	60
YELLOW	12	20	5
GREEN	12	12	35
YELLOW ARROW	8	12	5
GREEN ARROW	8	12	10

FAIRVIEW DRIVE

RED	8	10	60
YELLOW	8	17	5
GREEN	8	11	35
YELLOW ARROW	4	6	5
GREEN ARROW	4	5	10

TRAFFIC SIGNAL CABINET

ITEM	NUMBER	WATTAGE EACH	BURN TIME
CONTROLLER	1	6	100
INDUCTIVE LOOP UNINTERRUPTABLE POWER SUPPLY	13	1.5	100
	1	50	100

HIGHWAY LIGHTING

ITEM	NUMBER	WATTAGE EACH	BURN TIME
CONTROLLER	1	6	100
LUMINAIRE	4	400	45

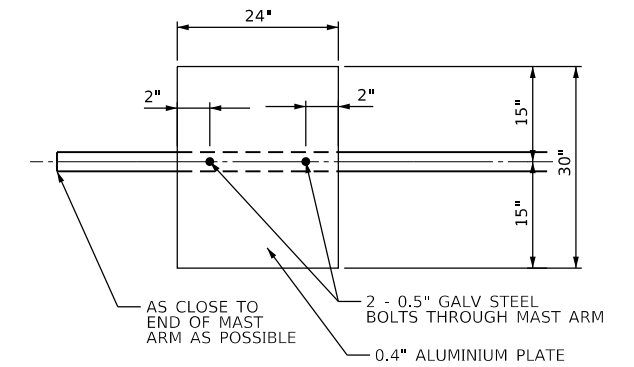
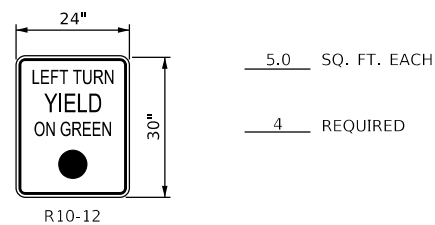
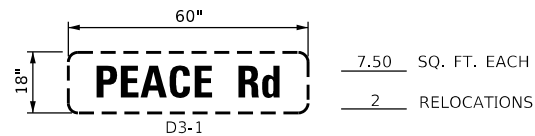
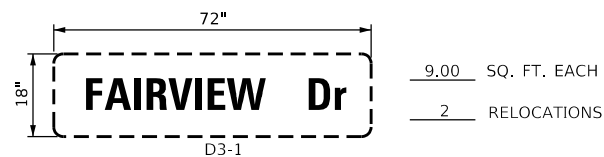
NOTES:

- WORD "GRADE" IS TO BE INTERPRETED AS TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 4" ABOVE THE SURROUNDING GROUND.
- ALL SIGNAL HEADS SHALL HAVE BACKPLATES.
- FOUNDATIONS SHOULD BE 2" ABOVE GROUND OR 1" ABOVE CENTERLINE OF ROADWAY, WHICHEVER IS HIGHER.

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

STREET SIGN DETAIL

AS PER TRAFFIC SIGN PLANS THESE EXISTING STREET NAME SIGNS SHALL BE RELOCATED TO MAST ARMS PARALLELED TO THE RESPECTIVE AS DIRECTED BY THE ENGINEER.



DAMPENING PLATE DETAIL

(TOP VIEW) INCLUDED IN COST OF MAST ARM

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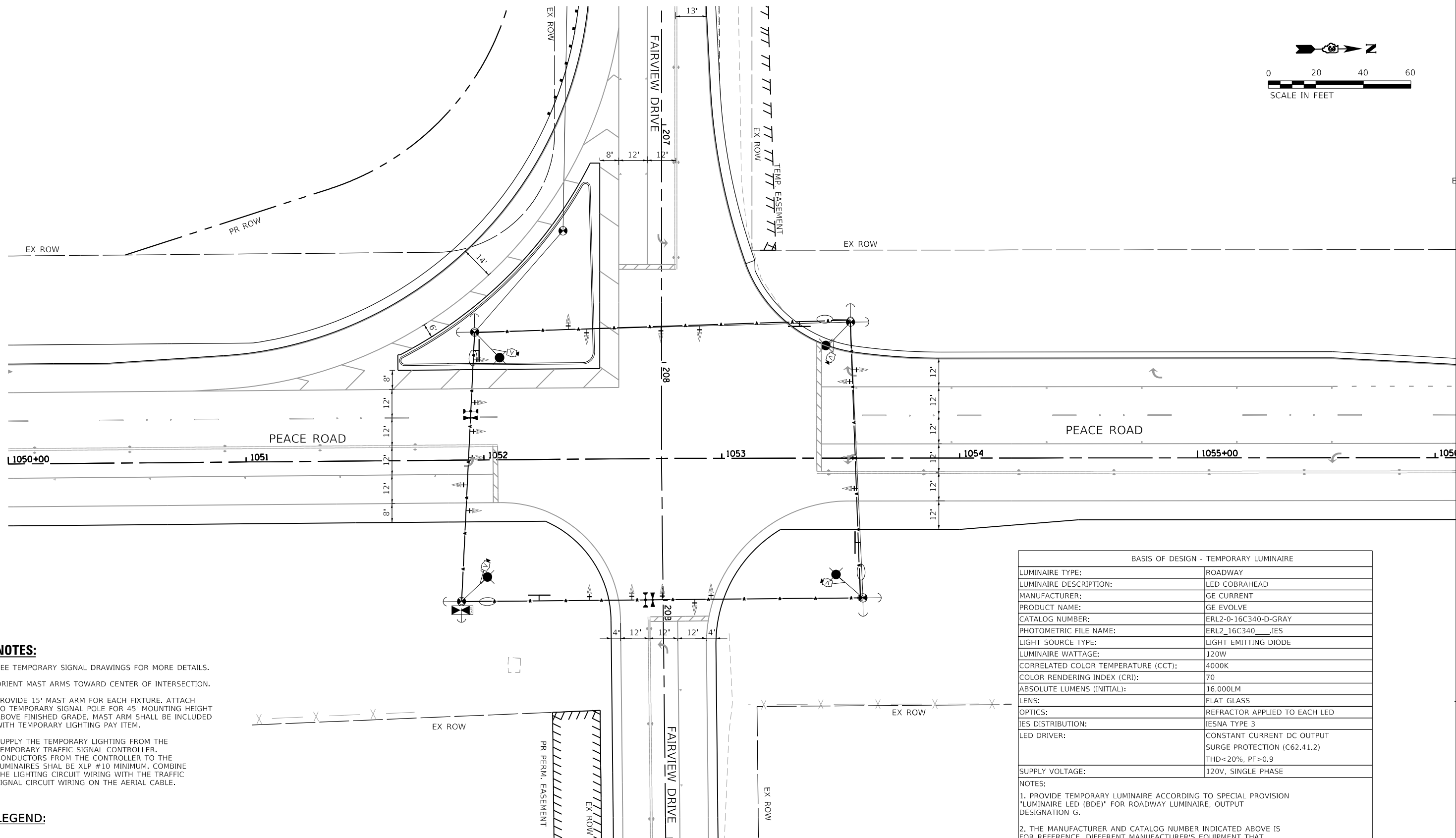
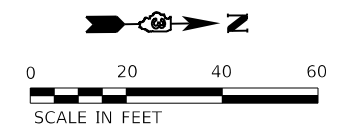
CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
MAST ARM LOADING DIAGRAM, ELECTRICAL LOAD CHART & SIGN DETAILS

SCALE: N.T.S. SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	63
ILLINOIS			FED. AID PROJECT X	

CONTRACT NO. 87750



**NOTES:**

1. SEE TEMPORARY SIGNAL DRAWINGS FOR MORE DETAILS.
2. ORIENT MAST ARMS TOWARD CENTER OF INTERSECTION.
3. PROVIDE 15' MAST ARM FOR EACH FIXTURE. ATTACH TO TEMPORARY SIGNAL POLE FOR 45' MOUNTING HEIGHT ABOVE FINISHED GRADE. MAST ARM SHALL BE INCLUDED WITH TEMPORARY LIGHTING PAY ITEM.
4. SUPPLY THE TEMPORARY LIGHTING FROM THE TEMPORARY TRAFFIC SIGNAL CONTROLLER. CONDUCTORS FROM THE CONTROLLER TO THE LUMINAIRES SHALL BE XLP #10 MINIMUM. COMBINE THE LIGHTING CIRCUIT WIRING WITH THE TRAFFIC SIGNAL CIRCUIT WIRING ON THE AERIAL CABLE.

**LEGEND:**

- TEMPORARY LED LUMINAIRE, 45' MOUNTING HEIGHT, AND 15' MAST ARM
- TEMPORARY AERIAL CABLE, 2-1/C #10

BASIS OF DESIGN - TEMPORARY LUMINAIRE	
LUMINAIRE TYPE:	ROADWAY
LUMINAIRE DESCRIPTION:	LED COBRAHEAD
MANUFACTURER:	GE CURRENT
PRODUCT NAME:	GE EVOLVE
CATALOG NUMBER:	ERL2-0-16C340-D-GRAY
PHOTOMETRIC FILE NAME:	ERL2_16C340_.IES
LIGHT SOURCE TYPE:	LIGHT EMITTING DIODE
LUMINAIRE WATTAGE:	120W
CORRELATED COLOR TEMPERATURE (CCT):	4000K
COLOR RENDERING INDEX (CRI):	70
ABSOLUTE LUMENS (INITIAL):	16,000LM
LENS:	FLAT GLASS
OPTICS:	REFRACTOR APPLIED TO EACH LED
IES DISTRIBUTION:	IESNA TYPE 3
LED DRIVER:	CONSTANT CURRENT DC OUTPUT SURGE PROTECTION (C62.41.2) THD<20%, PF>0.9
SUPPLY VOLTAGE:	120V, SINGLE PHASE
NOTES:	
1. PROVIDE TEMPORARY LUMINAIRE ACCORDING TO SPECIAL PROVISION "LUMINAIRE LED (BDE)" FOR ROADWAY LUMINAIRE, OUTPUT DESIGNATION G.	
2. THE MANUFACTURER AND CATALOG NUMBER INDICATED ABOVE IS FOR REFERENCE. DIFFERENT MANUFACTURER'S EQUIPMENT THAT SATISFIES THE REQUIREMENTS OF THE SPECIAL PROVISION IS ACCEPTABLE, HOWEVER SHALL HAVE EQUIVALENT PERFORMANCE.	

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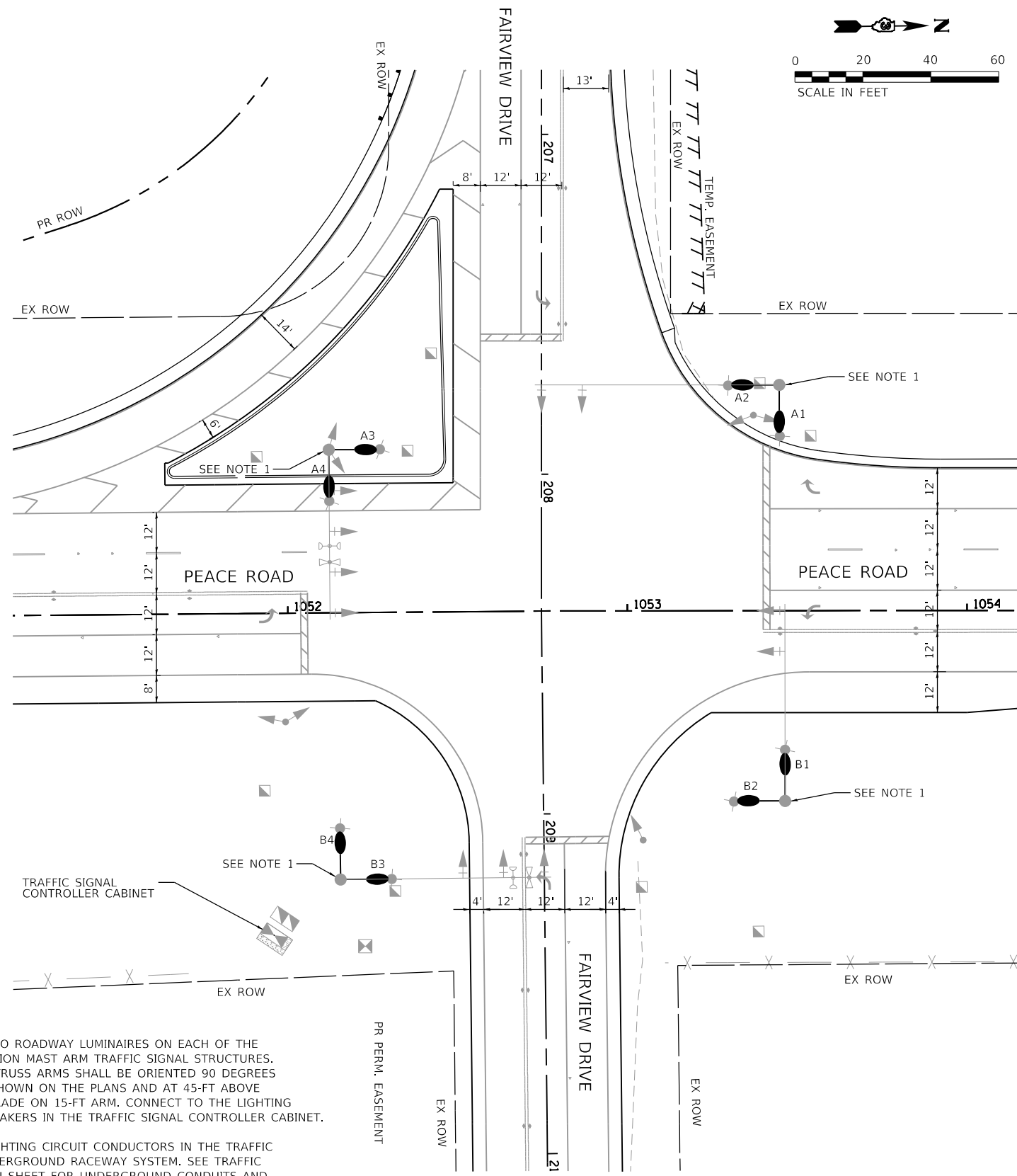
CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
 TEMPORARY INTERSECTION LIGHTING**

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 64
ILLINOIS			CONTRACT NO. 87750	
FED. AID PROJECT X				





**NOTES:**

1. PROVIDE TWO ROADWAY LUMINAIRES ON EACH OF THE 4 COMBINATION MAST ARM TRAFFIC SIGNAL STRUCTURES. LUMINAIRE TRUSS ARMS SHALL BE ORIENTED 90 DEGREES APART AS SHOWN ON THE PLANS AND AT 45-FT ABOVE FINISHED GRADE ON 15-FT ARM. CONNECT TO THE LIGHTING CIRCUIT BREAKERS IN THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. PROVIDE LIGHTING CIRCUIT CONDUCTORS IN THE TRAFFIC SIGNAL UNDERGROUND RACEWAY SYSTEM. SEE TRAFFIC SIGNAL PLAN SHEET FOR UNDERGROUND CONDUITS AND HANDHOLES.

LUMINAIRE PERFORMANCE TABLE				
<b>PROJECT</b>				
Date	Contract Number	Section Number	County	
4/6/2021		17-00488-00CH	KANE/KENDALL	
Marked Route Number	Municipality			
FAP 336/FAU 3792/FAP 349	ORCHARD RD/US RTE 30	MONTGOMERY		
<b>ROADWAY</b>				
Lane Width	# of Lanes	Median Width	I.E.S. Surface Class	Q-Zero Value
12'	4 TRAVELED LANE	NONE	R3	0.07
<b>Project</b>				
Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign only)	
45'	15'	Note 1	N/A	
<b>LUMINAIRE</b>				
Description	I.E.S. Lateral Distribution		I.E.S. Vertical Distribution	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	TYPE 4		N/A	
Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol	
0.7	U0	NONE	NONE	
<b>LAYOUT</b>				
Spacing (to nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided or Median)			
INTERSECTION	2 ARMS, EACH CORNER, 90° APART			
<b>PERFORMANCE</b>				
Average Illuminance, Eave (fc)	Uniformity Ratio Eave/Emin			
3.4	3.0			
Average Lum., Lave (cd/m <sup>2</sup> )	Uniformity Ratio, Lave/Lmin	Uniformity Ratio, Lmax/Lmin	Veiling Luminance Ratio, Lv/Lave	
N/A	N/A	N/A	N/A	
<b>LIGHT TRESSPASS</b>				
Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, Eh	Max. Vertical Illuminance at ROW, Ev		
N/A	N/A	N/A		
Notes:				
1. Pole set-back is determined by the combination pole location and different for each pole				
2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.				
3. LLF = 0.7 = LLD(0.9), LDD (0.8), and EF (0.95)				
4. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.				

LUMINAIRE TYPE:	LUMINAIRE SCHEDULE
LUMINAIRE TYPE:	ROADWAY
LUMINAIRE DESCRIPTION:	LED COBRA HEAD
MANUFACTURER:	GE CURRENT
PRODUCT NAME:	GE EVOLVE
CATALOG NUMBER:	ERL2-0-27D330-D-GRAY
PHOTOMETRIC FILE NAME:	ERL2 27D330 .IES
LIGHT SOURCE TYPE:	LIGHT EMITTING DIODE
LUMINAIRE WATTAGE:	237W
CORRELATED COLOR TEMPERATURE (CCT):	3000K
COLOR RENDERING INDEX (CRI):	70
ABSOLUTE LUMENS (INITIAL):	25,900LM
LENS:	FLAT GLASS
OPTICS:	REFRACTOR APPLIED TO EACH LED
IES DISTRIBUTION:	IESNA TYPE 4
LED DRIVER:	CONSTANT CURRENT DC OUTPUT
SUPPLY VOLTAGE:	SURGE PROTECTION (C62.41.2)
	THD < 20%, PF > 0.9
	120V, SINGLE PHASE
<b>NOTES:</b>	
1. Provide temporary luminaire according to special provision "Luminaires, LED" (BDE) for roadway luminaires, output G	
2. The manufacturer and catalog number indicated above is for reference. Different manufacturer's equipment that satisfies the requirements of the special provision is acceptable, however shall have equivalent performance.	

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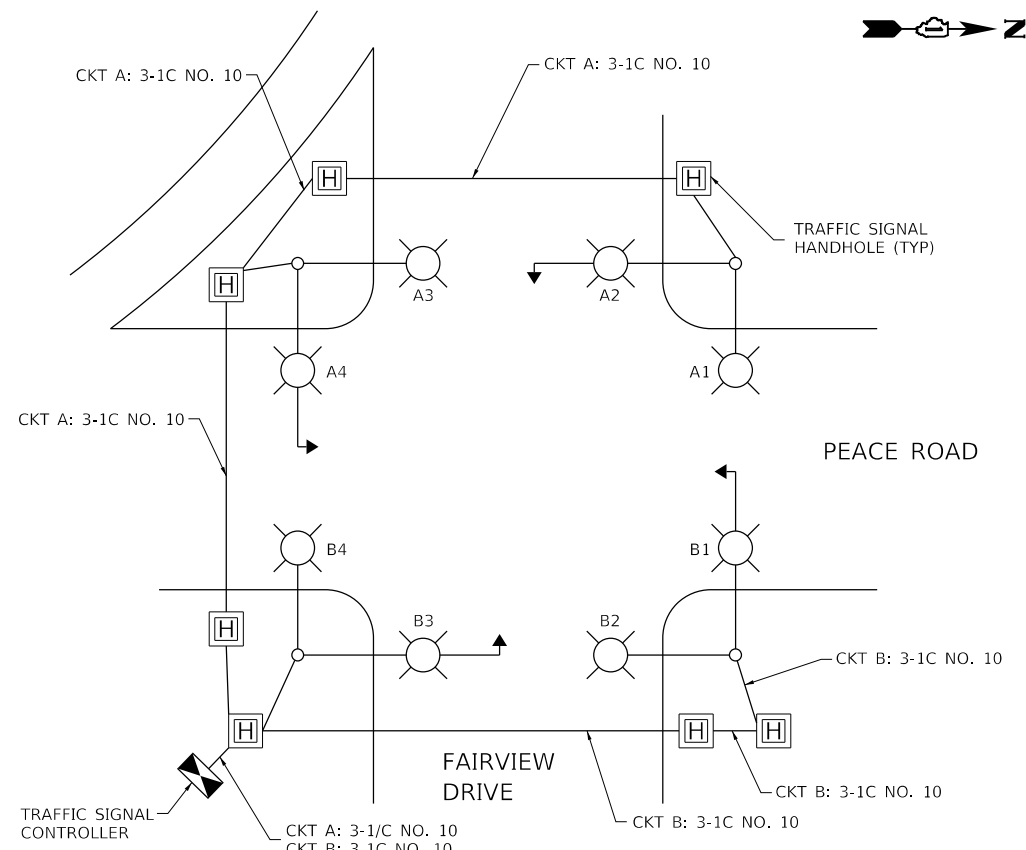
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CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
PROPOSED INTERSECTION LIGHTING**

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

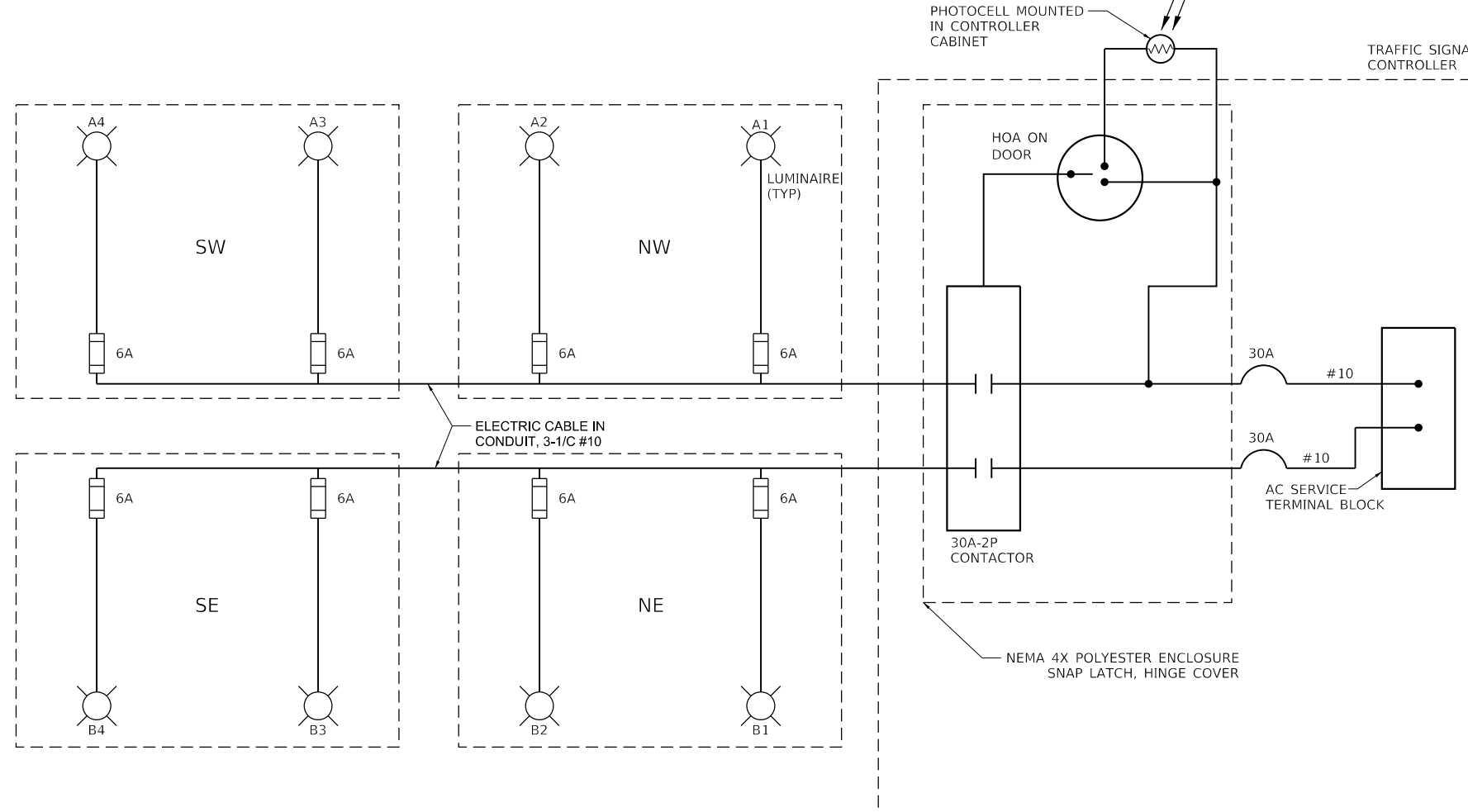
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5369/9700	15-00185-00-WR	DEKALB	117	65
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				



**LIGHTING CIRCUIT DIAGRAM**  
(NOT TO SCALE)

**NOTES:**

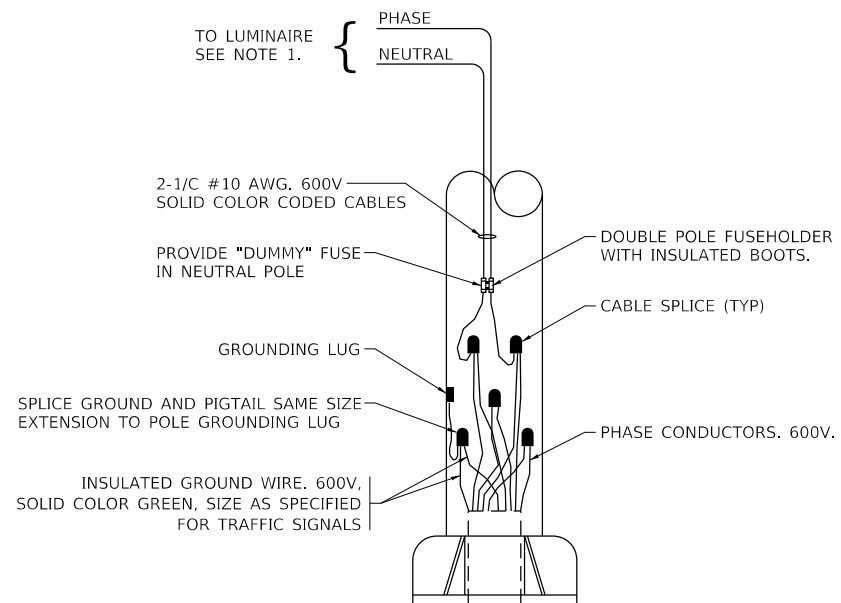
1. PROVIDE #10 EQUIPMENT GROUND CONDUCTOR TO EACH LUMINAIRE AND CONNECT TO GROUND LUG IN POLE HANDHOLE.
2. UNDERGROUND CONDUITS AND LIGHTING CIRCUIT CONDUCTORS ARE PROVIDED WITH THE TRAFFIC SIGNAL DESIGN.



**LIGHTING WIRING DETAIL**  
(NOT TO SCALE)

**NOTES:**

1. NEUTRAL AND GROUND CONDUCTORS ARE REQUIRED BUT NOT SHOWN.
2. NOT ALL DETAIL IS SHOWN. SEE POLE WIRING DETAIL FOR WIRING REQUIREMENTS.



**COMBINATION POLE LIGHTING WIRING DETAIL**  
(NOT TO SCALE)

**NOTES:**

1. PROVIDE SEPERATE FUSEHOLDER AND POLE WIRING TO EACH LUMINAIRE FROM POLE HANDHOLE (NOT SHOWN IN THIS DETAIL).
2. PROVIDE #10 EQUIPMENT GROUND CONDUCTOR TO EACH LUMINAIRE AND CONNECT TO GROUND LUG IN POLE HANDHOLE.

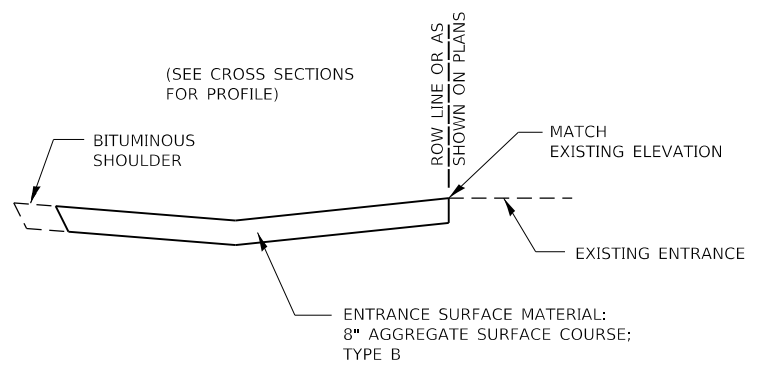
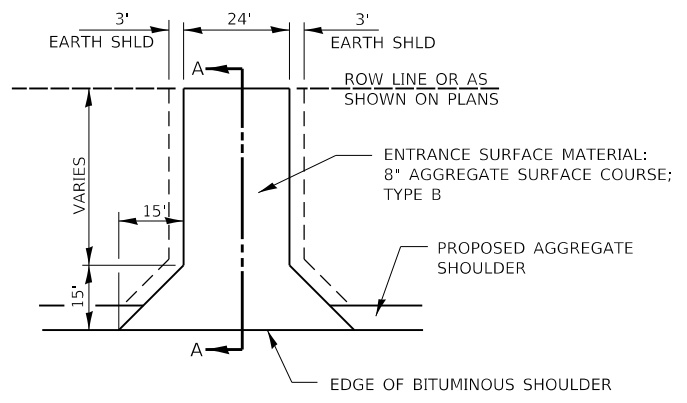
**NOTES:**

1. FOUR (4) LUMINAIRES PER CIRCUIT, MAXIMUM.
2. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
3. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
4. PROVIDE TWO SINGLE POLE CIRCUIT BREAKERS, ONE FOR EACH CIRCUIT (A AND B).
5. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
6. LIGHTING SHALL BE CONNECTED TO UPS BYPASS CIRCUIT.
7. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
8. LUMINAIRE VOLTAGE SHALL BE 120V.
9. STREET LIGHTING CIRCUIT SHALL BE ACTIVATED BY PHOTOCELL INSTALLED UNDER THE TRAFFIC SIGNAL CABINET EAVE.
10. ALL LUMINAIRES SHALL BE INSTALLED WITH ASSOCIATED STREET LIGHT POLE ID STICKERS (BLACK LEGEND ON WHITE BACKGROUND) ON THE POLE FACE AND ORIENTED AS DIRECTED BY THE ENGINEER.
11. PROVIDE AN ENGRAVED STAINLESS STEEL NAMEPLATE ON THE SUBPANEL READING "LIGHTING"

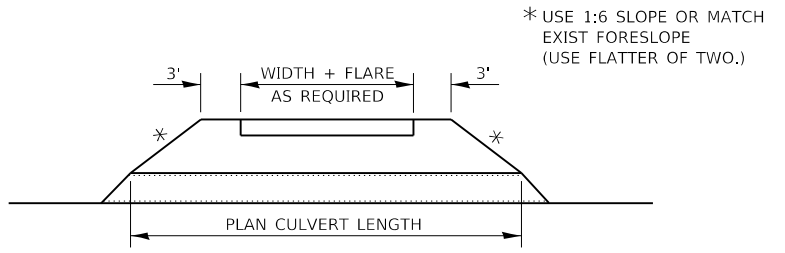
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F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 66
ILLINOIS			CONTRACT NO. 87750	
FED. AID PROJECT X				



**SECTION A-A**



**FIELD ENTRANCE DETAIL**

FILE NAME = Z:\2020\200154 PeaceRdFairviewDPhl\_Itcadd\Civil\Drawn\200154-D3-402-1.dgn

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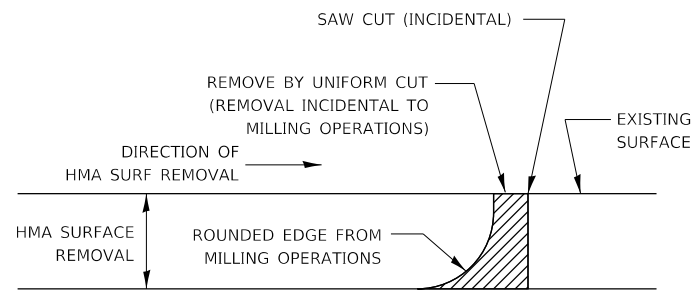
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 DISTRICT 3 STANDARD DETAILS**

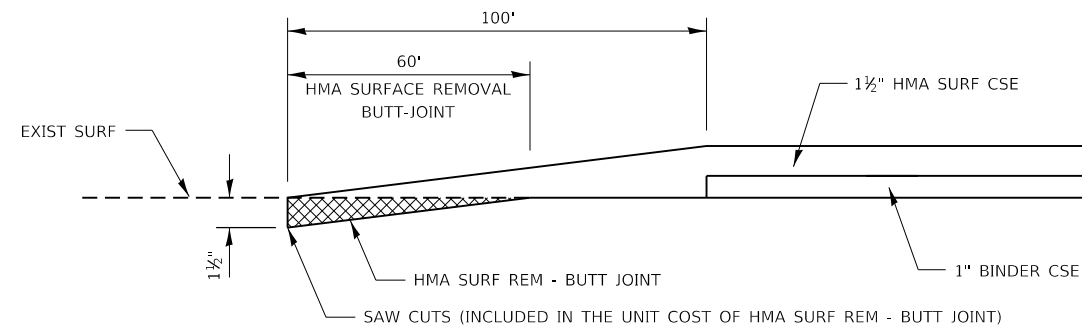
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	67
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				



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



### HMA SURFACE REMOVAL BUTT-JOINT DETAIL

FILE NAME = Z:\2020\200154 PeaceRdFairviewDPhl\_Itcadd\Civil\Drawn\200154-D3-406.dgn



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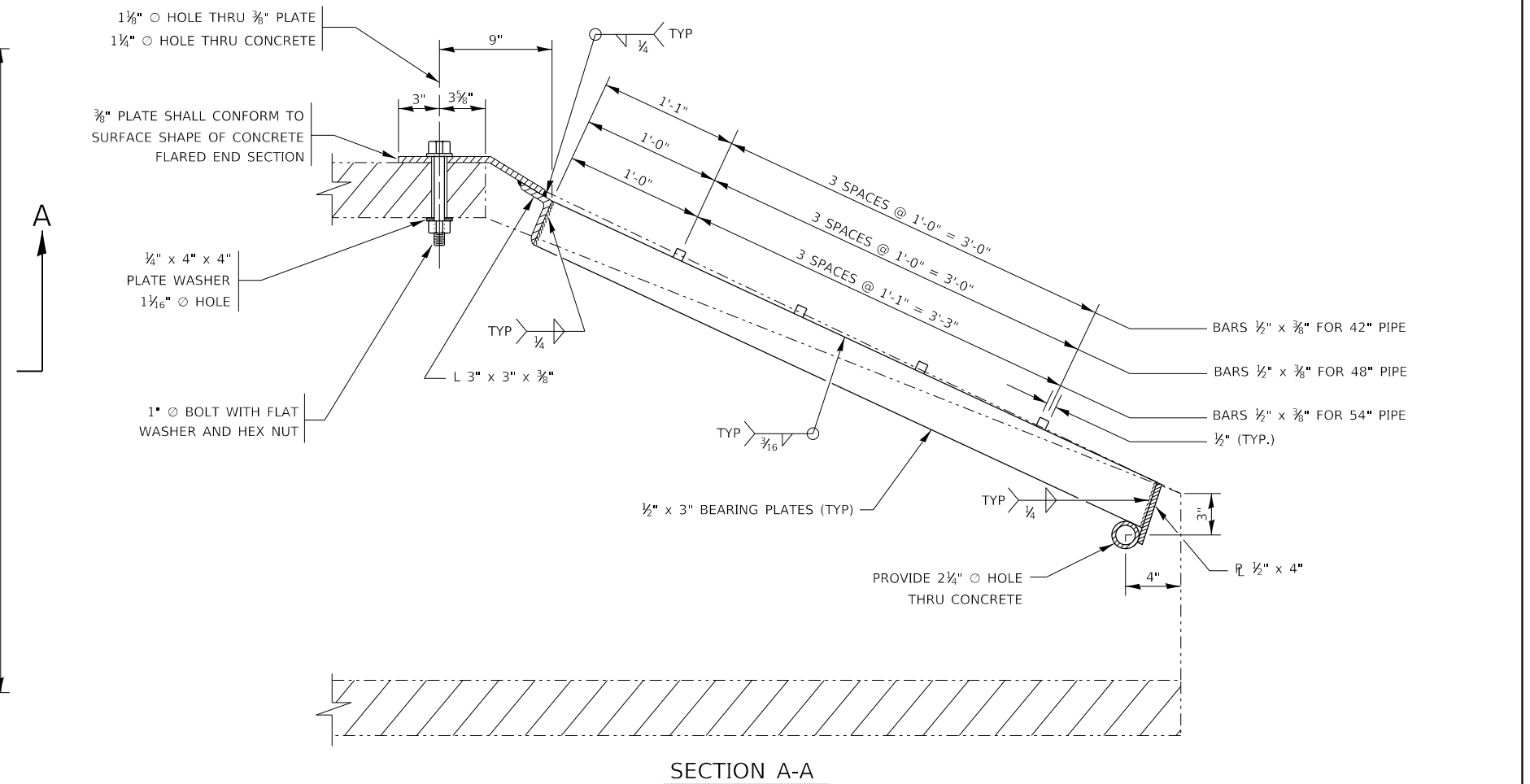
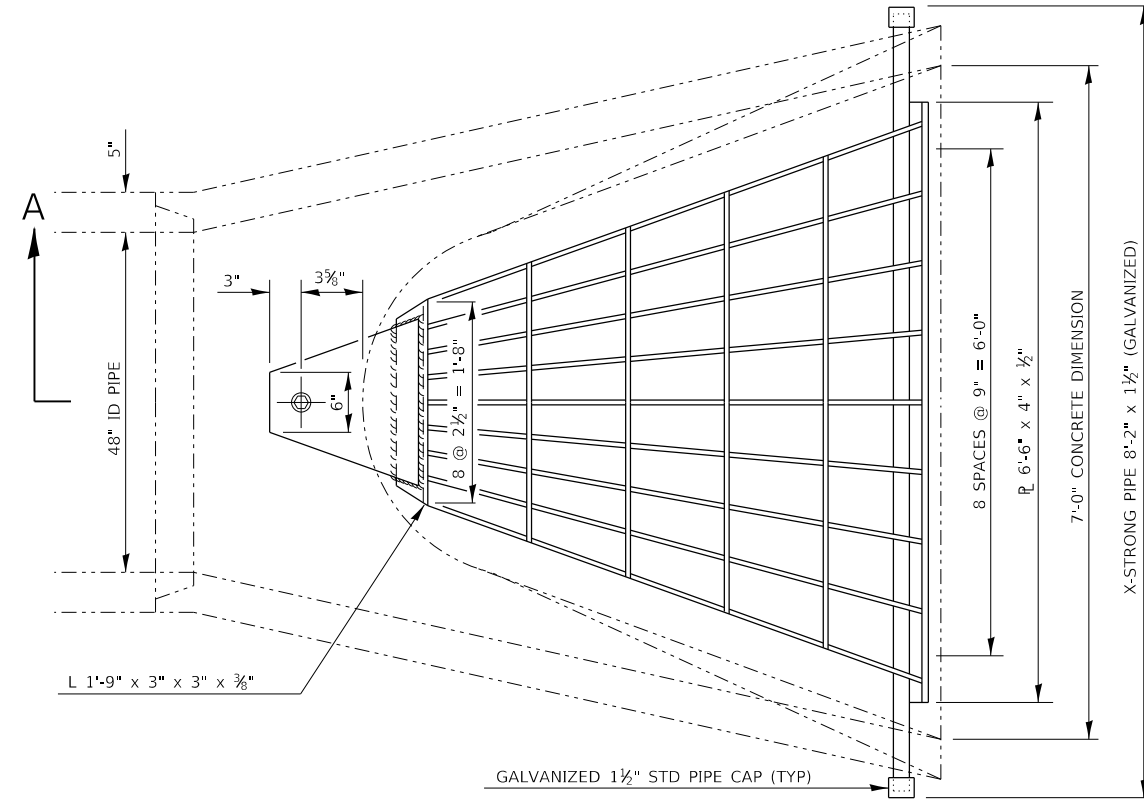
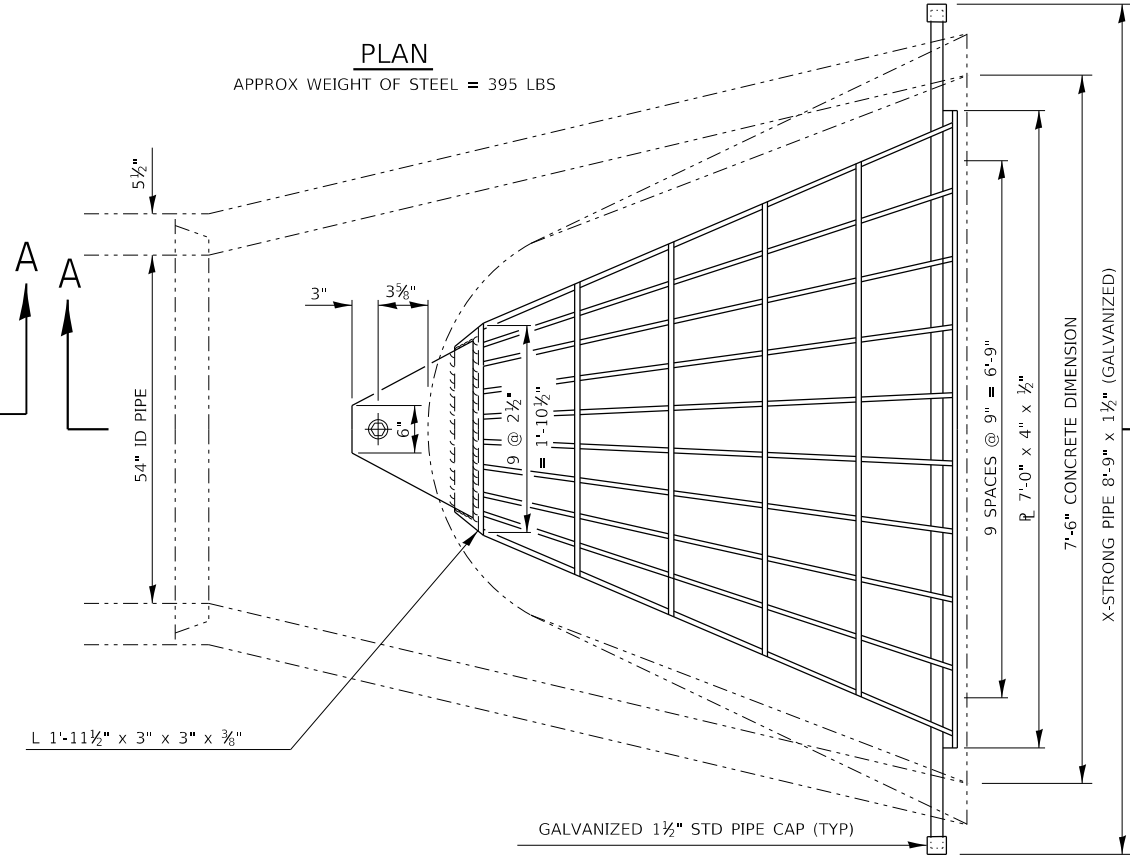
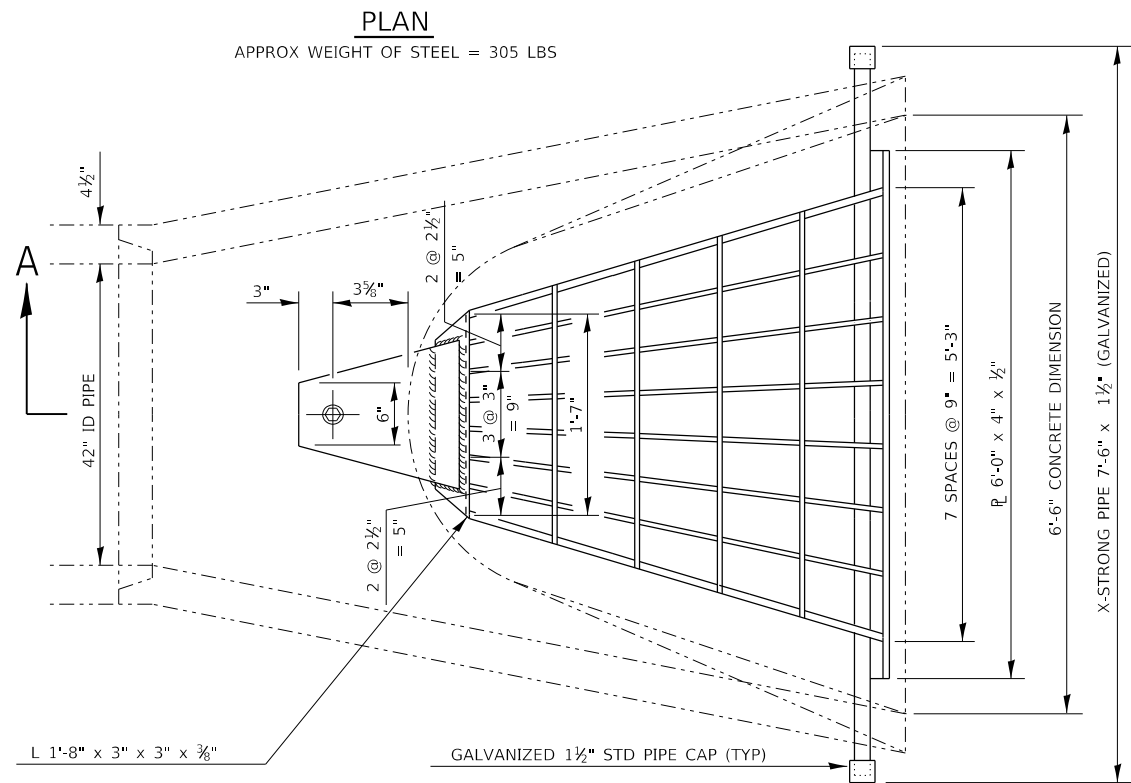
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**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 DISTRICT 3 STANDARD DETAILS**

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

F.A.U. RTE. 5369/ 9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 68
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				



**GENERAL NOTES**

GRATING DETAILS SHOWN ARE INTENDED FOR USE WITH PARTICULAR SIZES OF PRECAST REINFORCED CONCRETE FLARED END SECTIONS AS SHOWN ON STANDARD 542306.

STRUCTURAL STEEL SHAPES AND PLATES SHALL BE IN ACCORDANCE WITH ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

GALVANIZED STEEL PIPE SHALL BE IN ACCORDANCE WITH ARTICLE 542.07 (d) OF THE STANDARD SPECIFICATIONS. STEEL PIPE SHALL CONFORM TO ASTM A-53 (TYPE E OR S) GRADE B SCHEDULE 40.

BOLTS, NUTS AND WASHERS SHALL BE IN ACCORDANCE WITH ARTICLE 1006.08 OF THE STANDARD SPECIFICATIONS.

ALL FABRICATION SHALL BE COMPLETED AND READY FOR ASSEMBLY BEFORE GALVANIZING.

THE CORED HOLES IN THE PRECAST CONCRETE FLARED END SECTIONS SHALL BE TO THE DIAMETERS NOTED. IF CONE-OUT ON THE OTHER END OF THE HOLE OCCURS, THE HOLE SHALL BE FILLED WITH GROUT TO CORRECT DIAMETER OF THE HOLE.

APPROXIMATE WEIGHT OF STEEL SHOWN INCLUDES TOTAL WEIGHT OF GRATING, BOLTS, WASHERS, NUTS AND STEEL PIPE.

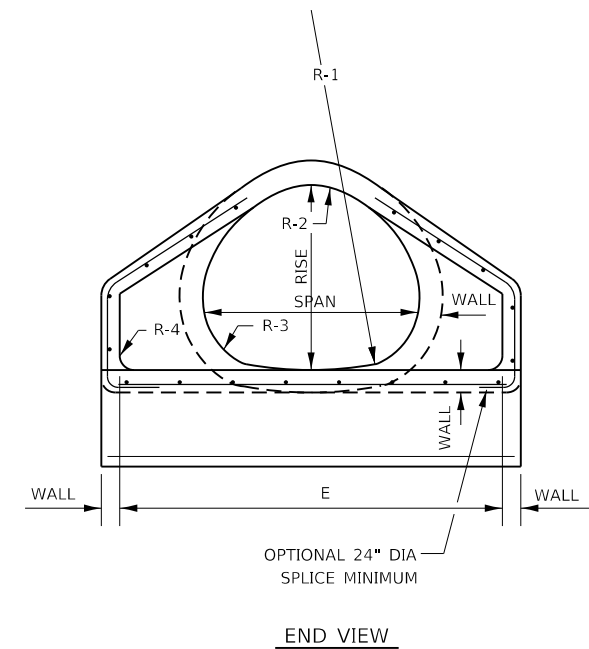
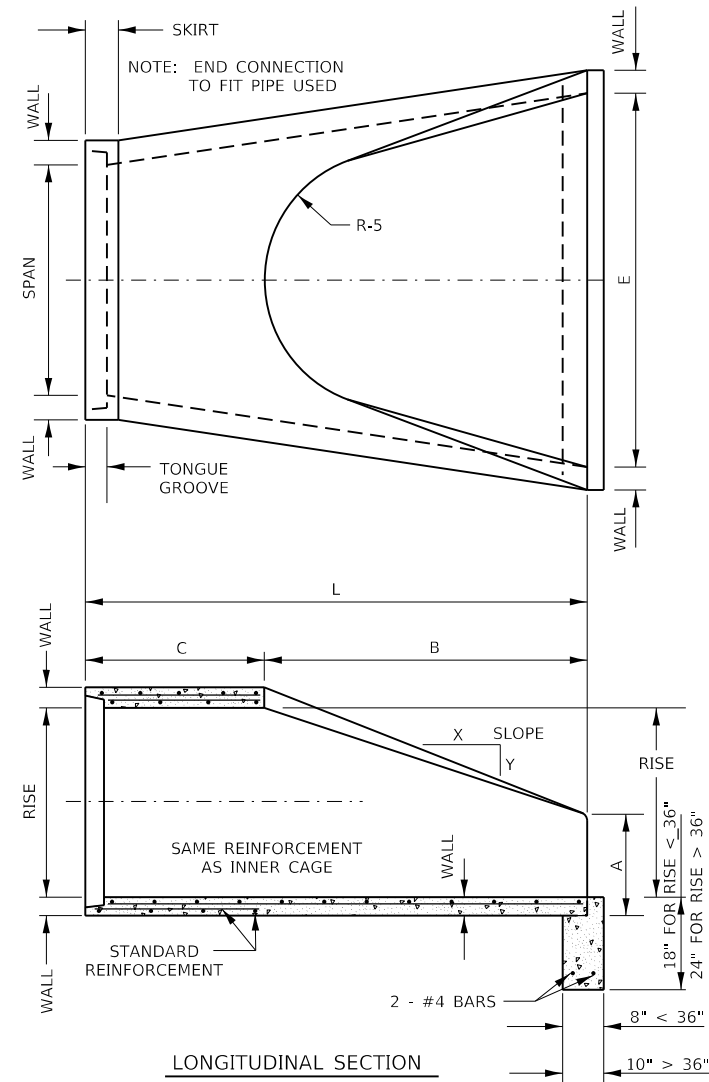
THE CONTRACT UNIT PRICE "EACH" FOR GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE OF THE SIZE INDICATED SHALL INCLUDE FABRICATION AND INSTALLATION OF THE GRATING AS DETAILED HEREIN, INCLUDING FABRICATION OF THE NECESSARY MOUNTING HOLES IN THE FLARED END SECTION. THIS PRICE DOES NOT INCLUDE THE COST OF THE PRECAST CONCRETE FLARED END SECTIONS.

**PLAN**  
APPROX WEIGHT OF STEEL = 335 LBS

USER NAME = ssundaresan	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 04-12-21	CHECKED -	REVISED -
	DATE 12-21-21	12-21-21
	REVISED -	REVISED -

FILE NAME = Z:\2020\200154\_PeaceRdFairviewDrPhl\_Itcadd\Civil\Drawn\200154-D3-542.dgn

SIZE	WALL	SPAN	RISE	L	B	C	E	A	SLOPE	R-1	R-2	R-3	R-4	R-5
18"	2½"	22"	13½"	72"	27"	45"	36"	7"	2.16:1	27½"	13¾"	5¼"	2"	12"
24"	3"	28½"	18"	72"	39"	33"	48"	8"	2.29:1	40½"	14¾"	4½"	3"	14"
30"	3½"	36¼"	22½"	72"	48"	24"	60"	10"	2.34:1	51"	18¾"	6½"	3"	15"
36"	4"	43¾"	26¾"	96"	60"	36"	72"	10¾"	2.4:1	62"	22½"	6½"	6"	20"
42"	4½"	51⅞"	31⅞"	96"	60"	36"	78"	15⅞"	2.35:1	73"	26¾"	7¾"	6"	22"
48"	5"	58½"	36"	96"	60"	36"	84"	21"	2.31:1	84"	30"	8¾"	6"	22"
54"	5½"	65"	40"	96"	60"	36"	90"	25½"	2.26:1	92½"	33⅞"	10"	6"	24"
60"	6"	73"	45"	96"	75"	21"	96"	26"	2.34:1	105"	37½"	11⅞"	6"	21"
72"	7"	88"	54"	100"	78"	22"	120"	35"	2.29:1	126"	45"	13⅞"	6"	24"



**NOTES:**

PRECAST CONCRETE FLARED END SECTIONS SHALL CONFORM TO THE APPLICABLE REQUIREMENT OF AASHTO M-206.

PRECAST CONCRETE FLARED END SECTION FOR PIPE ARCH DIAMETER REQUIRED SHALL BE AS INDICATED ON DETAIL PLAN FOR EACH INDIVIDUAL INSTALLATION.

THE END BLOCK SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE FLARED END SECTION. THE END BLOCK SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS, COST INCLUDED IN THE END SECTION.

## PRECAST REINFORCED CONCRETE ARCH DIAMETER FLARED END SECTION

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

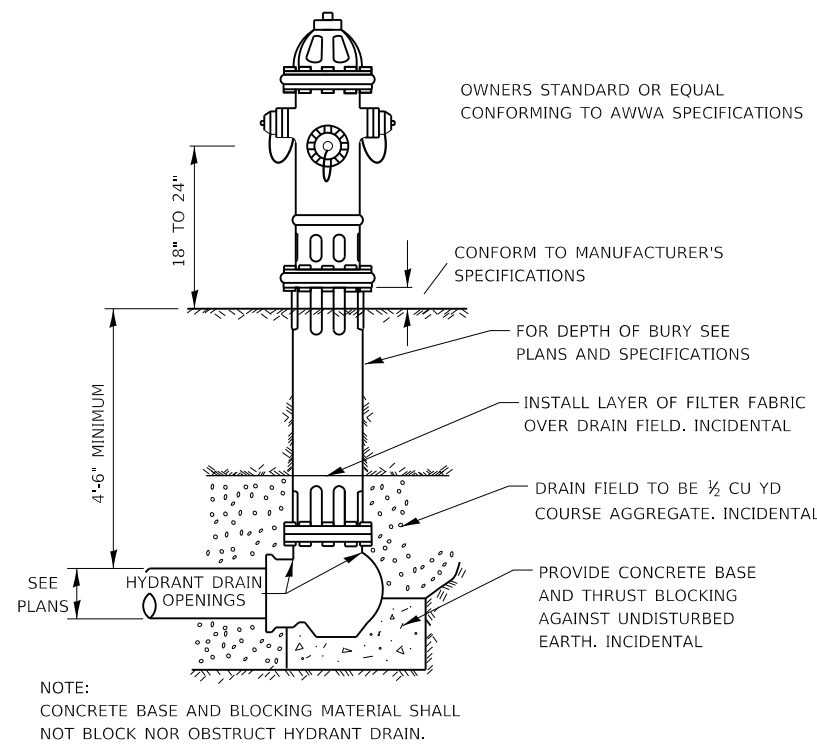
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DATE 12-21-21	DATE 12-21-21	REVISED -

CITY OF DEKALB

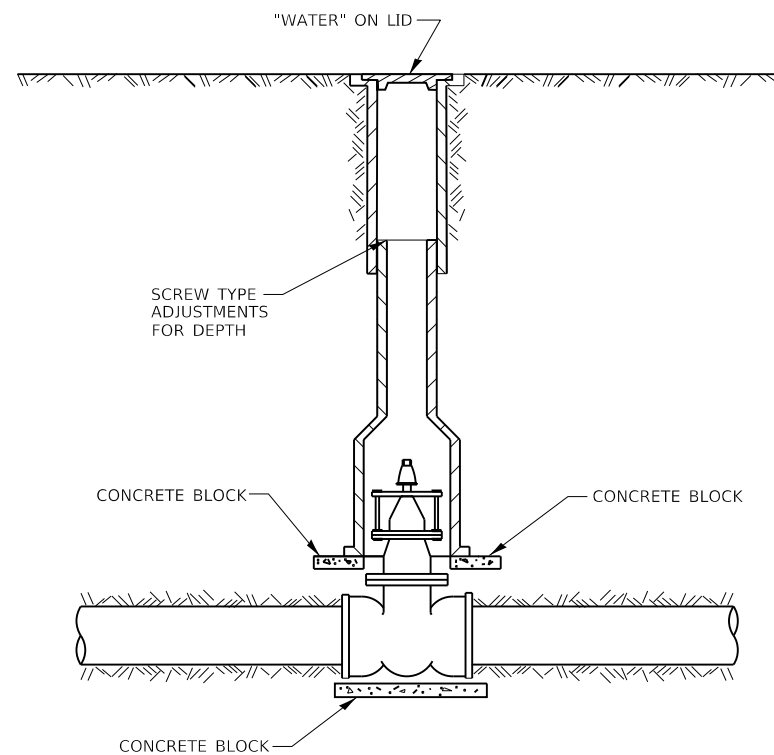
PEACE ROAD AND FAIRVIEW DRIVE  
DISTRICT 3 STANDARD DETAILS

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

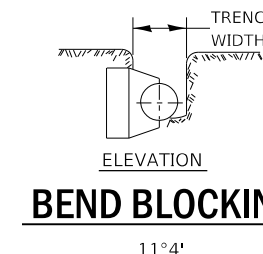
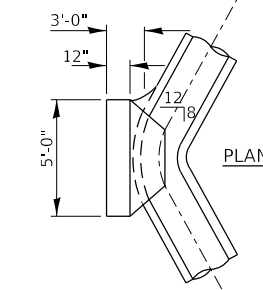
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	70
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	



**TYPICAL HYDRANT INSTALLATION**

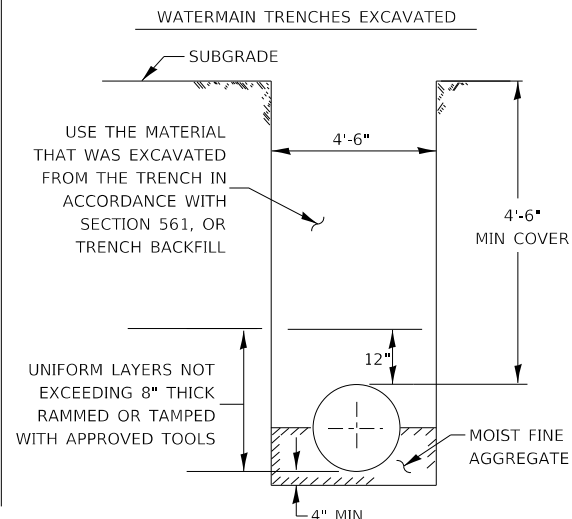
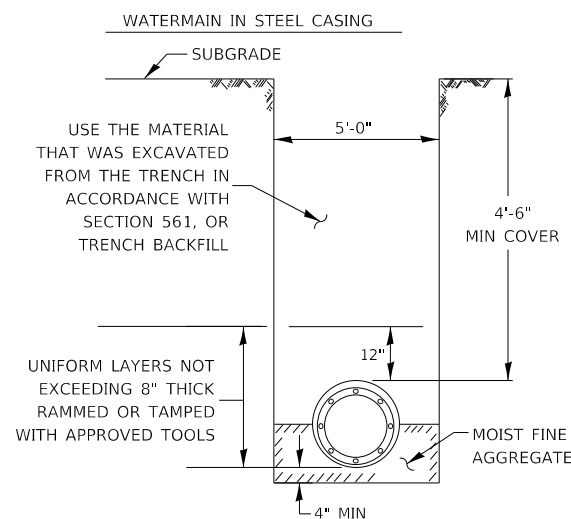


**TYPICAL VALVE BOX INSTALLATION**

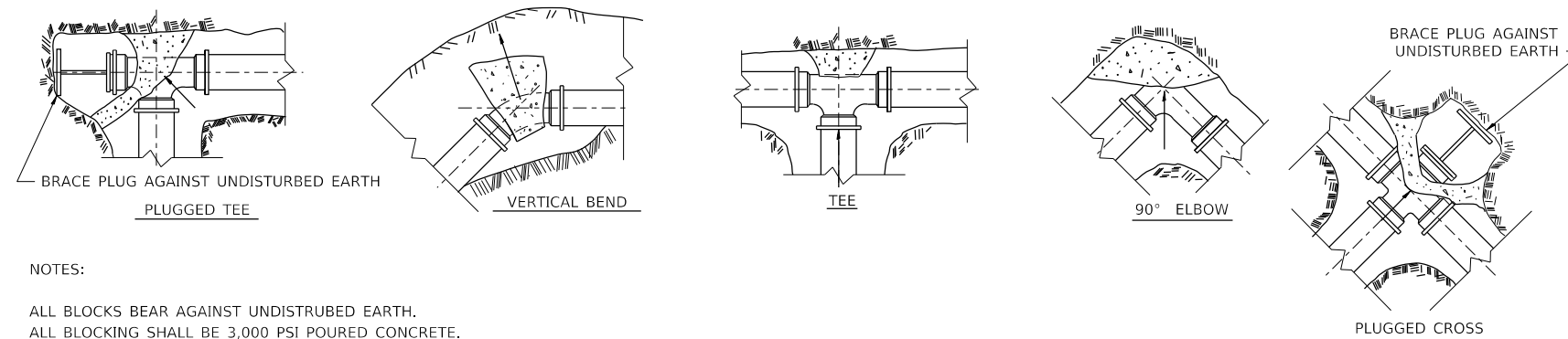


**BEND BLOCKING**

**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**

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PROJECT: 15-00185-00-WR



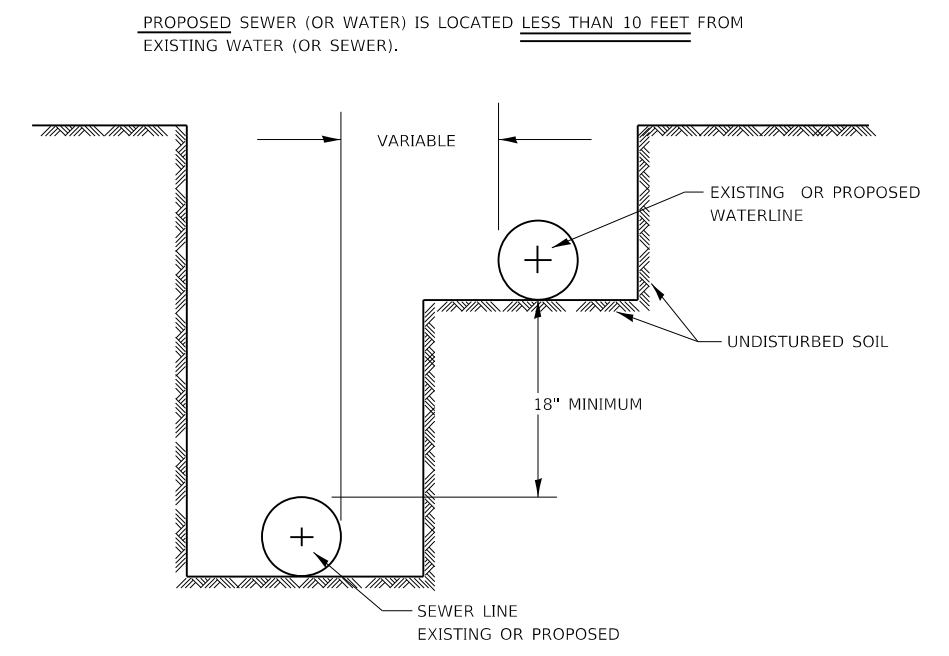
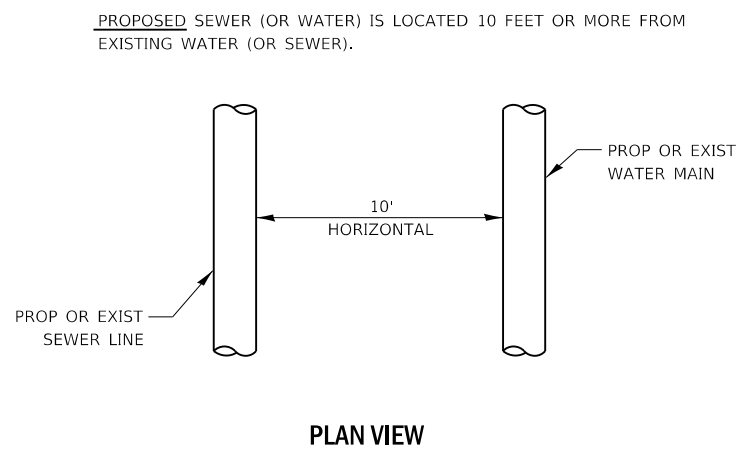
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PLOT SCALE = 1:100	DRAWN -	REVISED -
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CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
DISTRICT 3 STANDARD DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	



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

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

USER NAME = ssundaresan	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
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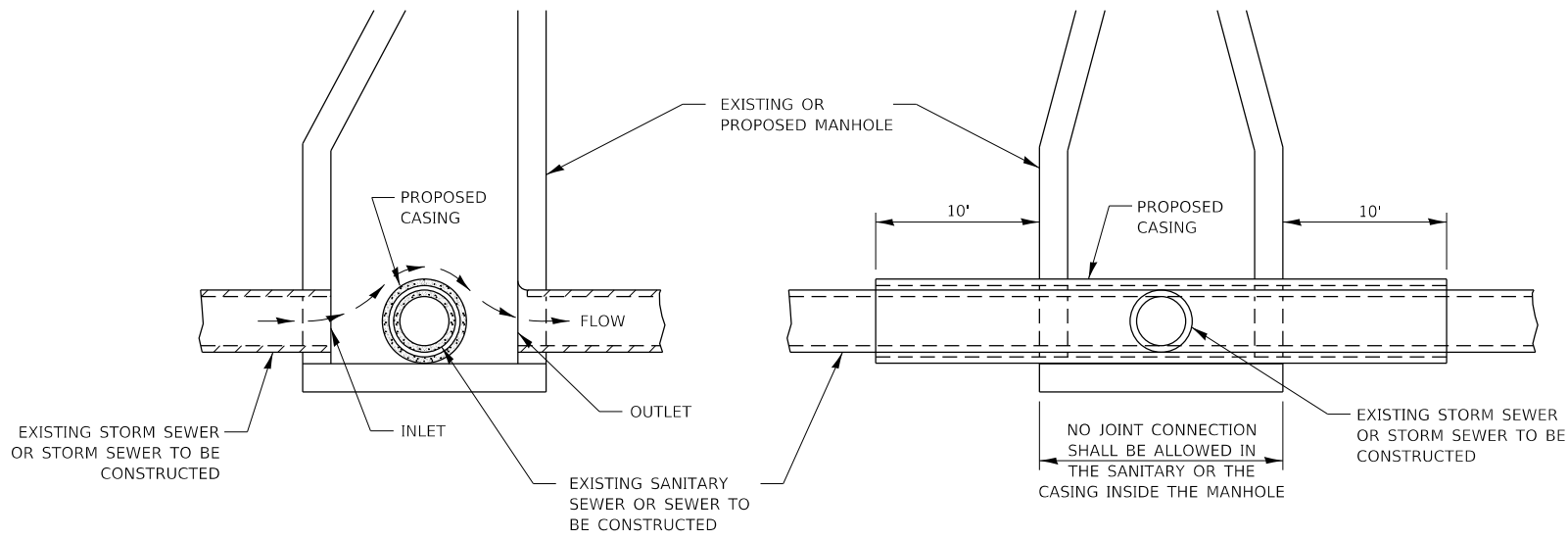
CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
DISTRICT 3 STANDARD DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	



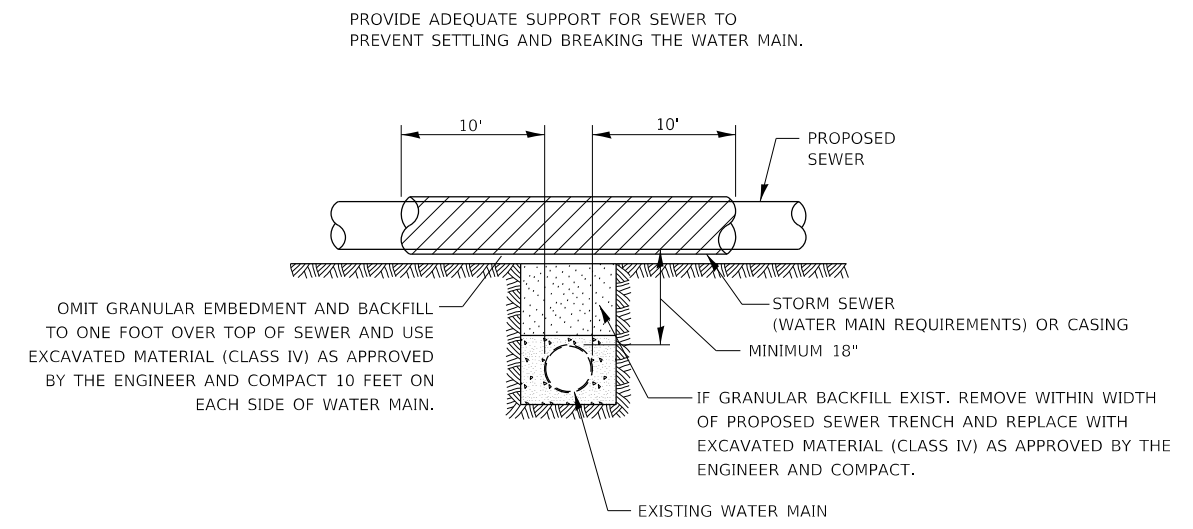


ELEVATION - ECCENTRIC

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

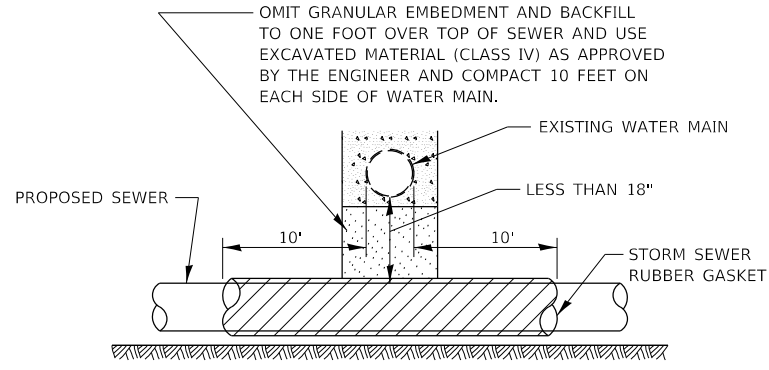
AT GRADE CROSSING OF SANITARY AND STORM SEWER



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

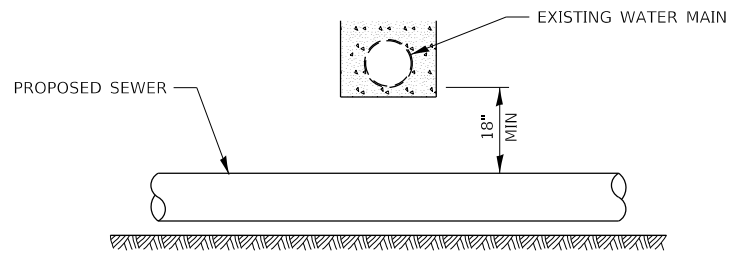
PROPOSED SEWER LINE WITH MINIMUM 18" VERTICAL SEPARATION ABOVE EXISTING WATERMAIN

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

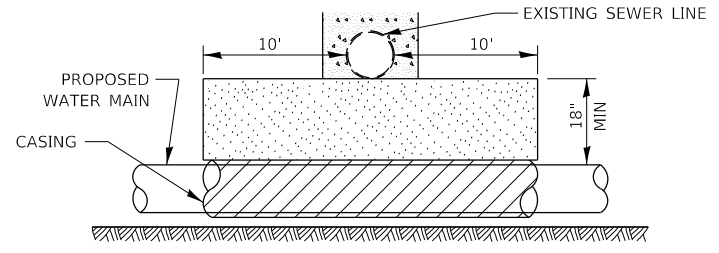


PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

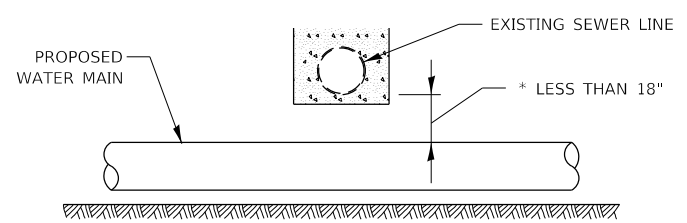
PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.

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' EITHER SIDE 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

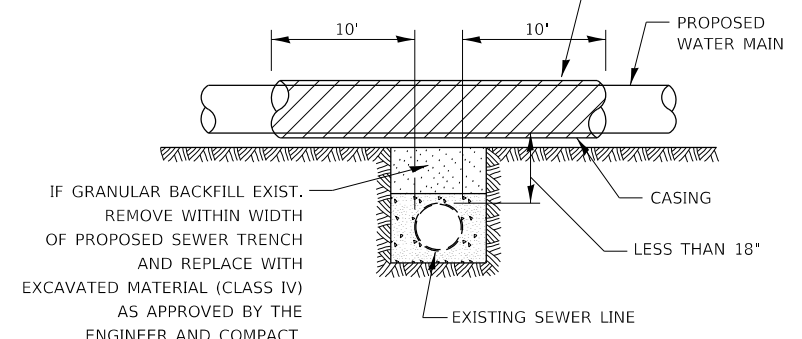


\* NOT ALLOWED  
 MUST MAINTAIN 18" VERTICAL SEPARATION

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

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.



IF GRANULAR BACKFILL EXIST. REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT.

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

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 Project: 15-00185-00-WR  
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**WBK ENGINEERING, LLC**  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = ssundaresan	DESIGNED -	REVISED -
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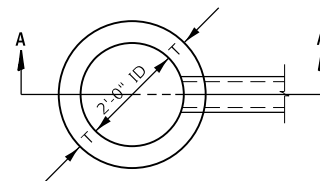
CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 DISTRICT 3 STANDARD DETAILS

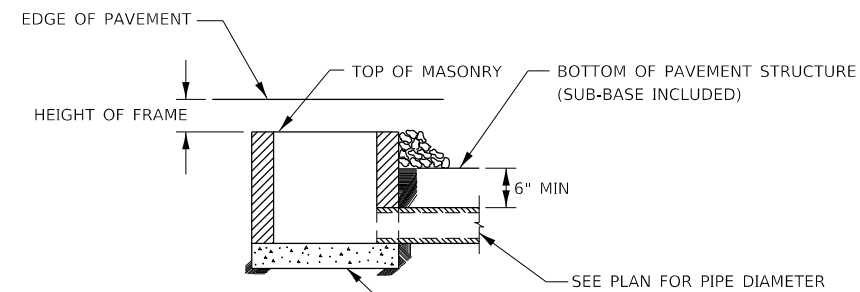
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 73
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				

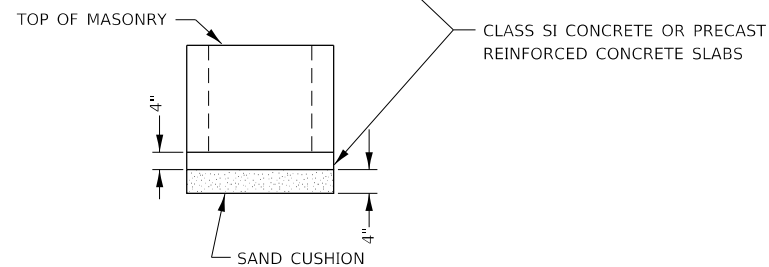
ALTERNATE MATERIALS FOR WALLS	
PRECAST REINFORCED CONCRETE RISERS	3"
CONCRETE MASONRY UNITS	5"
CAST-IN-PLACE CONCRETE	6"
BUILDING BRICK, GRADE SW, FROM CLAY OR SHALE	8"



PLAN



SEC. A-A



NOTE:

1. THE CONTRACT UNIT PRICE FOR INLETS TYPE A (SPECIAL) SHALL NOT INCLUDE THE FRAME AND LID OR GRATE.
2. FURNISHING AND INSTALLING SAND CUSHION IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TYPE A (SPECIAL) INLETS.
3. THE TYPE A (SPECIAL) INLET SHOULD NOT BE USED AS A RECEIVER OF STORM WATER FROM ANOTHER INLET.

**FOR INLET TYPE A (SPECIAL)**

(TO BE USED AT PAVED SECTION WITH CURB & GUTTER)  
NO SCALE

FILE NAME = Z:\2020\200154 PeaceRdFairviewDPhl\_Itcadd\Civil\Drawings\200154-D3-602-1.dgn



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

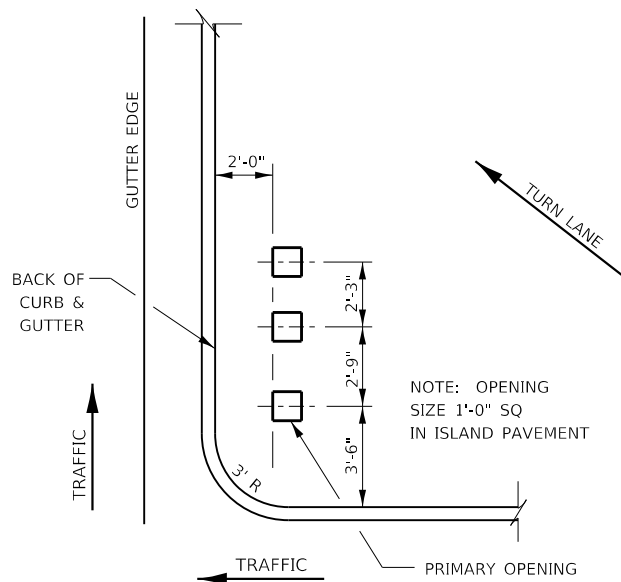
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	DATE - 12-21-21	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PEACE ROAD AND FAIRVIEW DRIVE  
DISTRICT 3 STANDARD DETAILS**

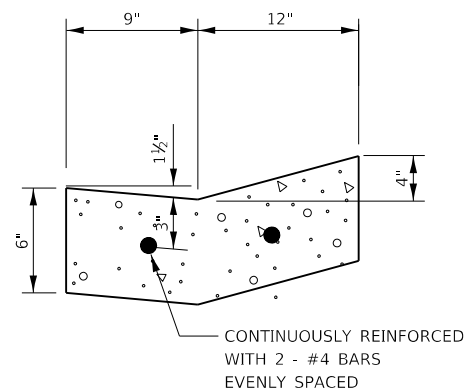
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	74
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				



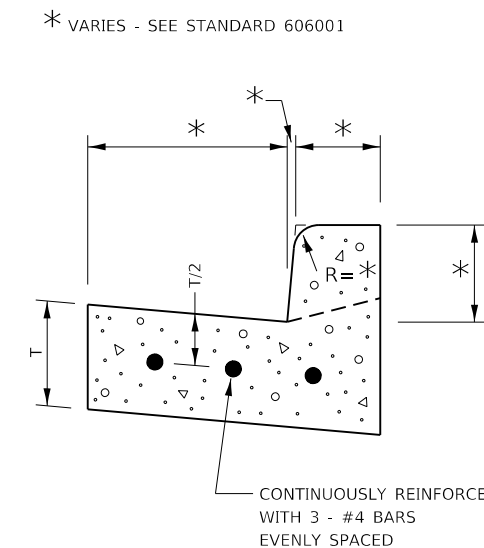
**ISLAND SIGN POST SPACING DETAIL**

NOTE: THE ENGINEER SHALL DETERMINE THE NUMBER OF OPENINGS REQUIRED.



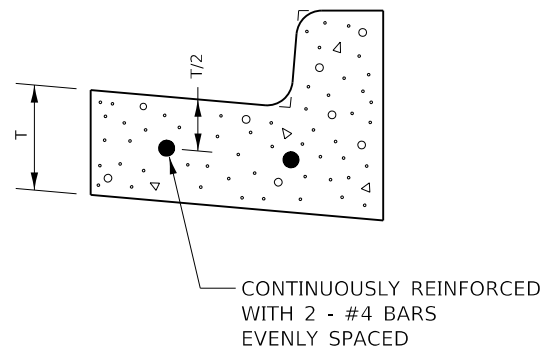
REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR GUTTER.

**REINFORCEMENT DETAIL FOR TYPE V GUTTER**



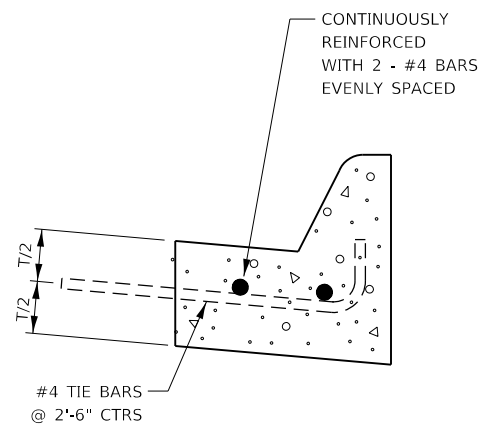
REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

**REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER**



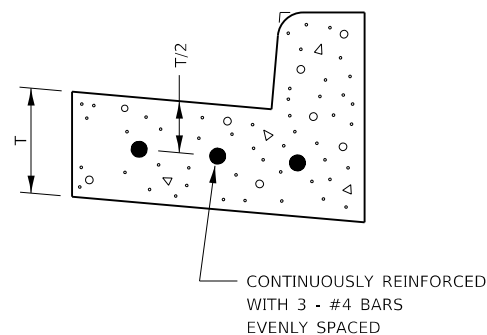
REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

**REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18**



REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

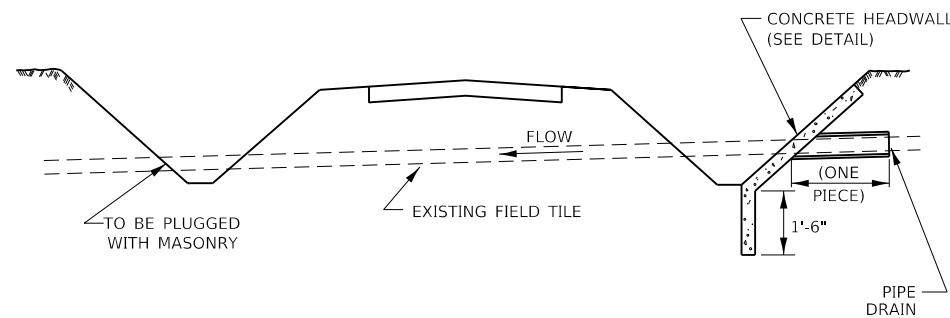
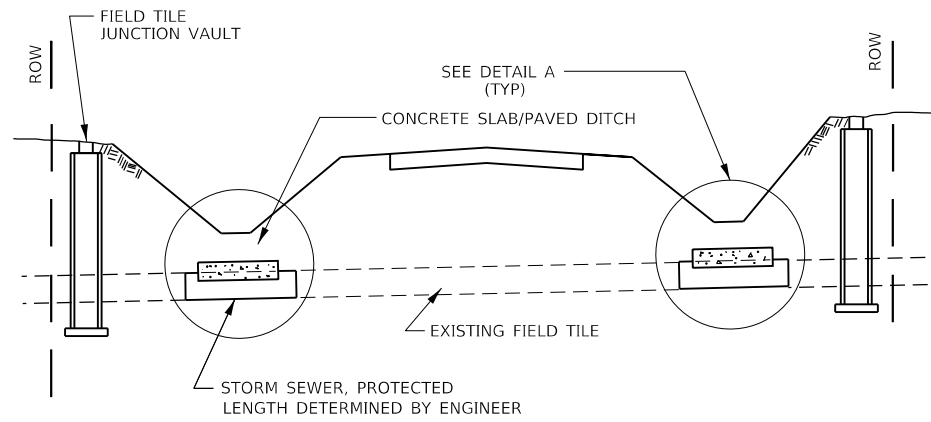
**COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.06**



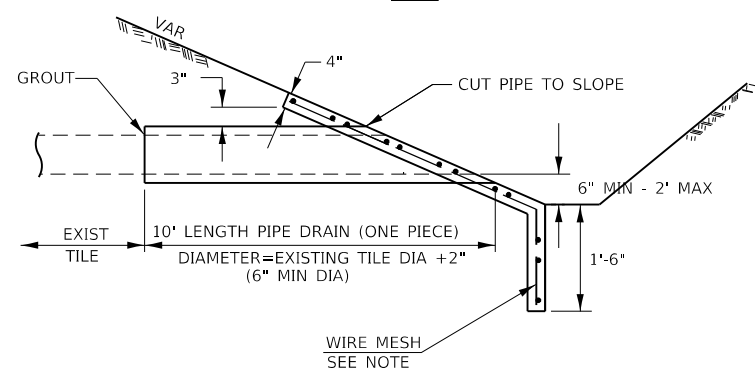
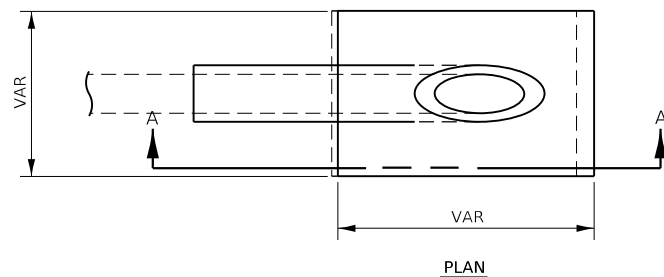
REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

**REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24**

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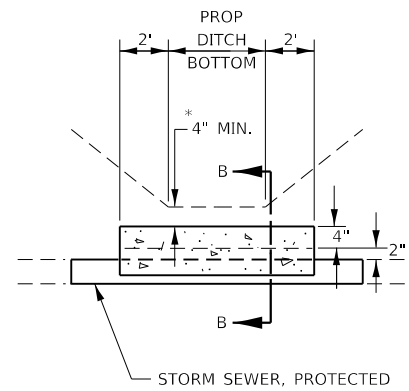


**FIELD TILE REPLACEMENT**



**SECTION A-A**

**CLASS SI CONCRETE HEADWALLS**



**DETAIL A**

NO SCALE

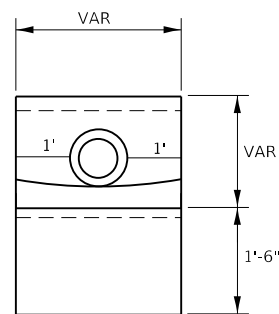
\* IF A 4" COVER CAN NOT BE PROVIDED A PAVED DITCH SHALL BE CONSTRUCTED AS SHOWN IN DETAIL C.

**NOTES**

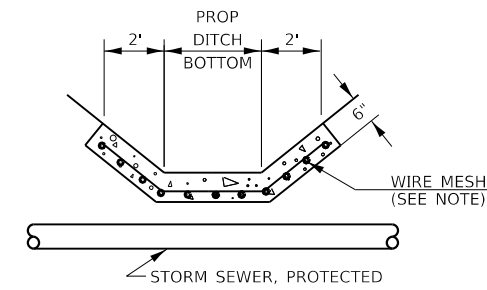
1. WIDTH OF CONCRETE SLAB SHALL BE THE SAME AS THE TRENCH WIDTH IN ACCORDANCE WITH SECTION 550 OF THE STD. SPECIFICATIONS, OR 3' MIN.
2. CONCRETE FOR SLAB, HEADWALL AND PAVED DITCH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "MISCELLANEOUS CONCRETE."
3. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ FT

**NOTES**

1. ANY STORM SEWER OR FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ FT

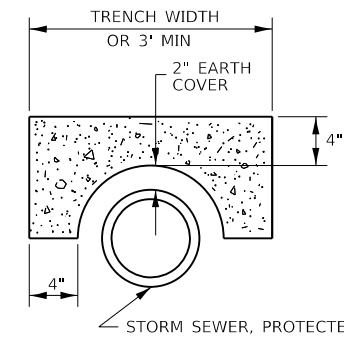


**END VIEW**

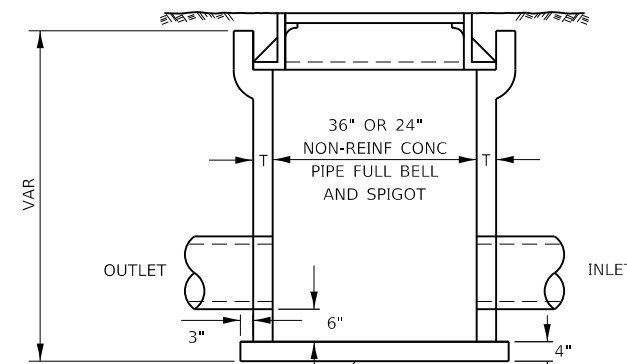


**DETAIL C**

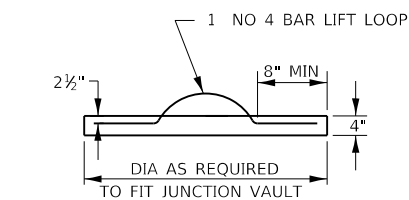
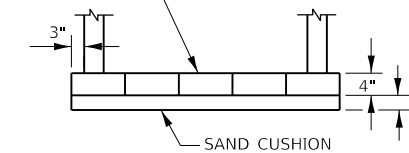
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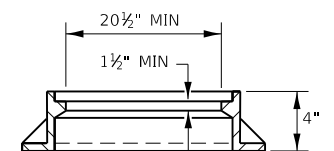
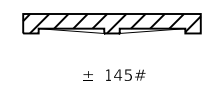
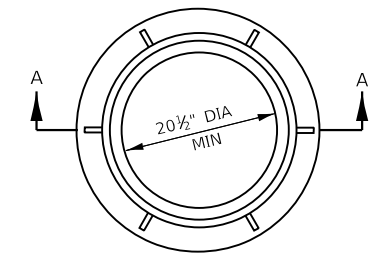
**SECTION B-B**



CLASS SI CONCRETE OR PRECAST REINFORCED CONCRETE SLABS NOT LESS THAN 12" WIDE



**FIELD TILE JUNCTION VAULT**



**SECTION A-A**

ALTERNATE MATERIALS FOR WALLS	T
PRECAST REINFORCED CONCRETE RISERS	4"
CONCRETE MASONRY UNIT	5"
MONOLITHIC CONCRETE	6"
BUILDING BRICK, GRADE SW FROM CLAY OR SHALE	8"
CONCRETE BUILDING BRICK, GRADE A	8"

**NOTES**

1. THE CONTRACT UNIT PRICE FOR FIELD TILE JUNCTION VAULT SHALL INCLUDE THE COST OF FURNISHING AND PLACING THE FRAME AND GRATE OR PRECAST CONCRETE LID AND WHEN REQUIRED, THE SAND CUSHION.
2. ALL FIELD TILE JUNCTION VAULTS SHALL BE 2'-0" IN DIAMETER UNLESS OTHERWISE NOTED ON THE PLANS.

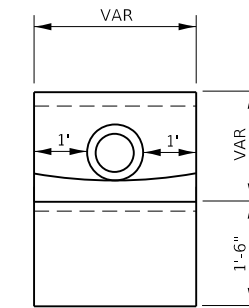
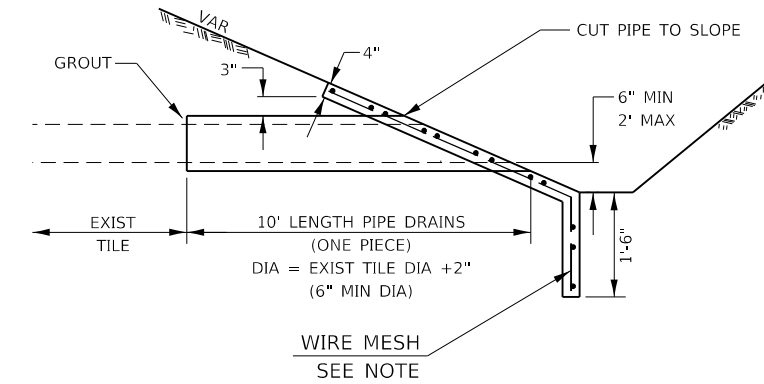
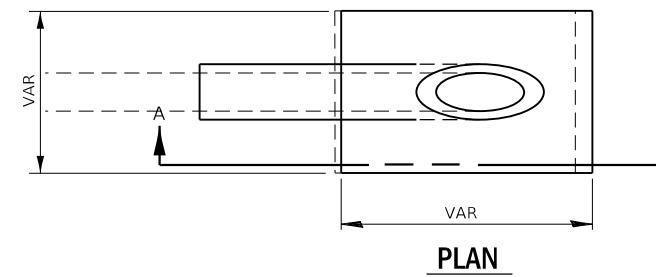
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PLOT DATE = 04-12-21	CHECKED -	REVISED -
	DATE - 12-21-21	REVISED -

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 76
CONTRACT NO. 87750				ILLINOIS FED. AID PROJECT

**NOTES**

1. ANY FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ FT



**SECTION A-A**

**PIPE DRAINS & CONCRETE HEADWALLS**

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
DISTRICT 3 STANDARD DETAILS**

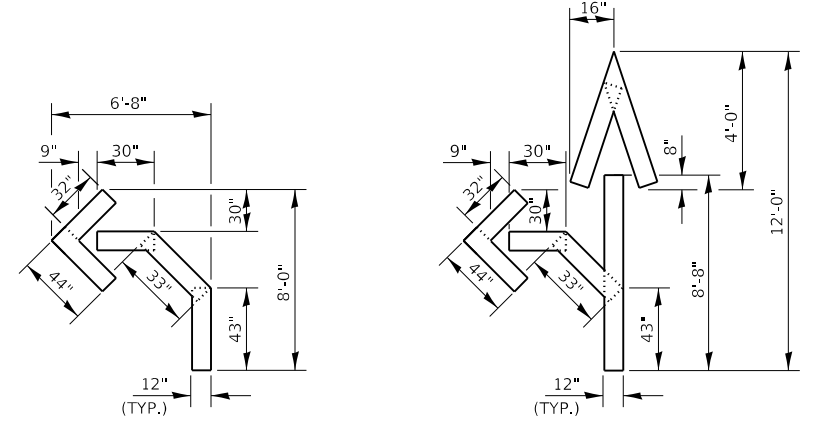
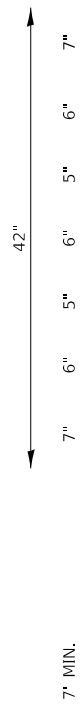
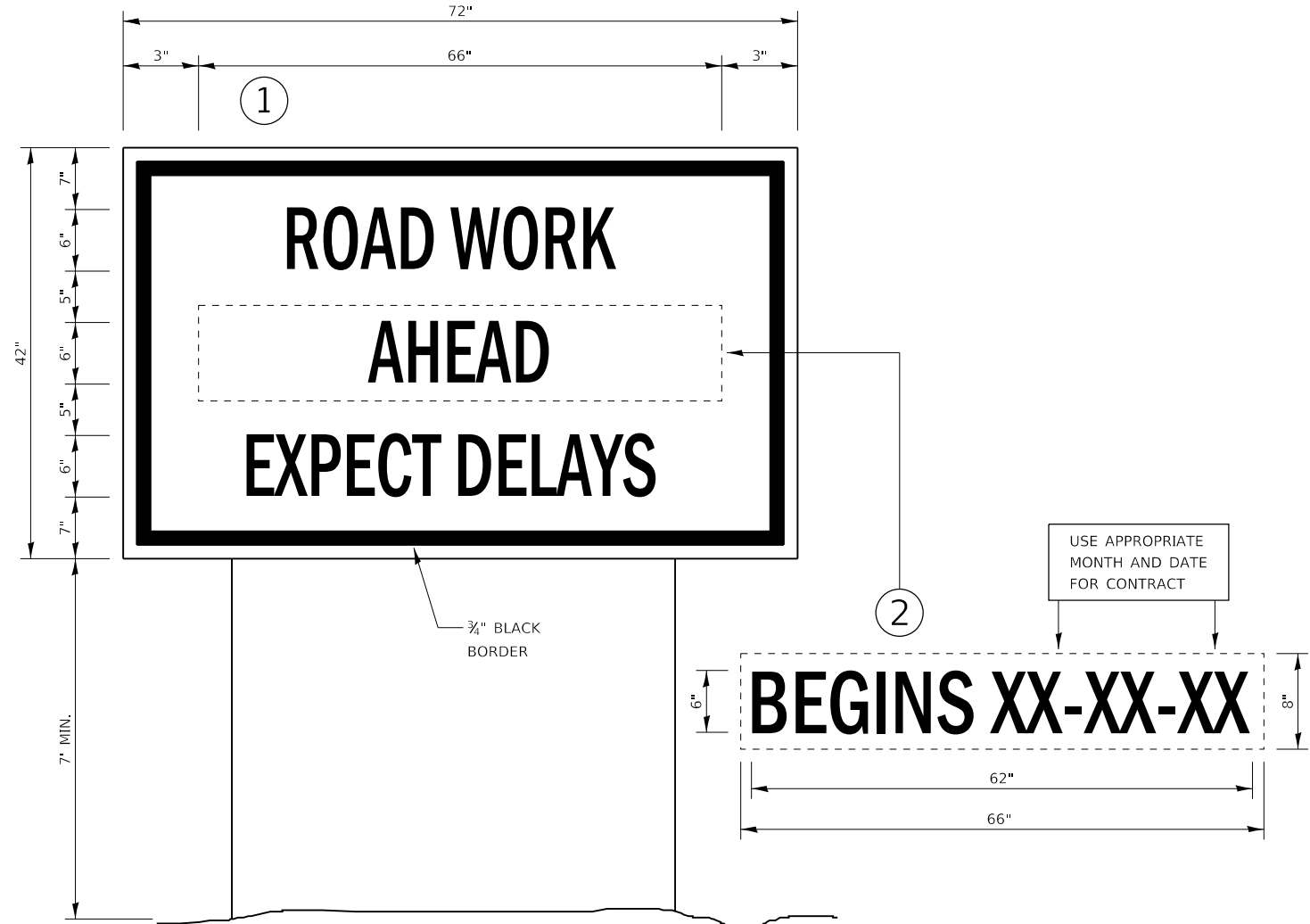
F.A.U RTE. 5369/ 9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 77
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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

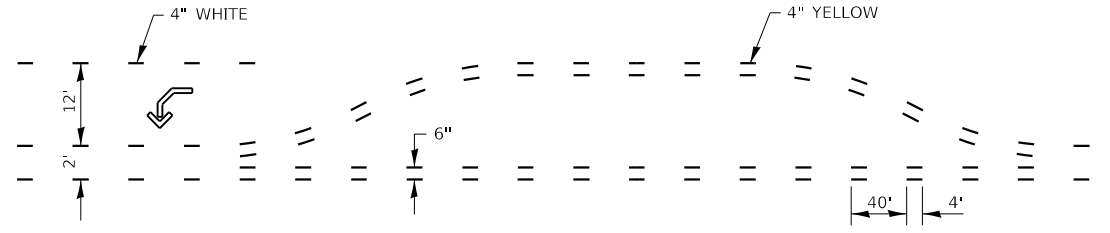
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PLOT DATE = 04-12-21	CHECKED -	REVISED -
	DATE - 12-21-21	REVISED -

MODEL: 44001E1.MXD  
FILE NAME: 21-020200154\_PeaceRdFairviewDrPH\_11c.dwg  
Project: Peace Rd/Fairview Dr PH\_11c.dwg



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

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



**SHORT-TERM PAVEMENT MARKING  
 FOR MEDIANS AND ARROWS**

**TEMPORARY INFORMATION SIGNING**

**NOTES:**

1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

MODEL: 44001ELNAMES  
 FILE NAME: 23120200154\_PeaceRdFairviewDrPH\_11ccad61C4d1DgnSheet200154-03-700.dgn

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

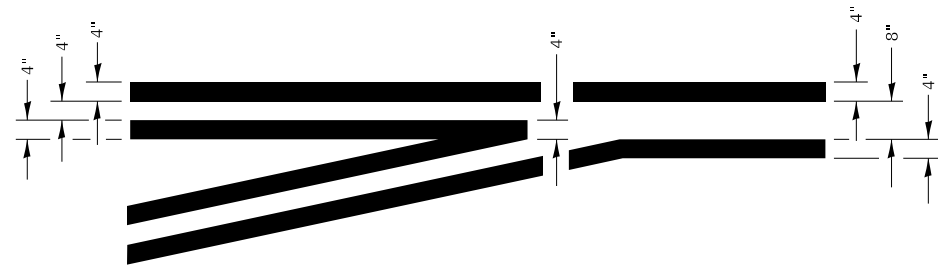
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	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

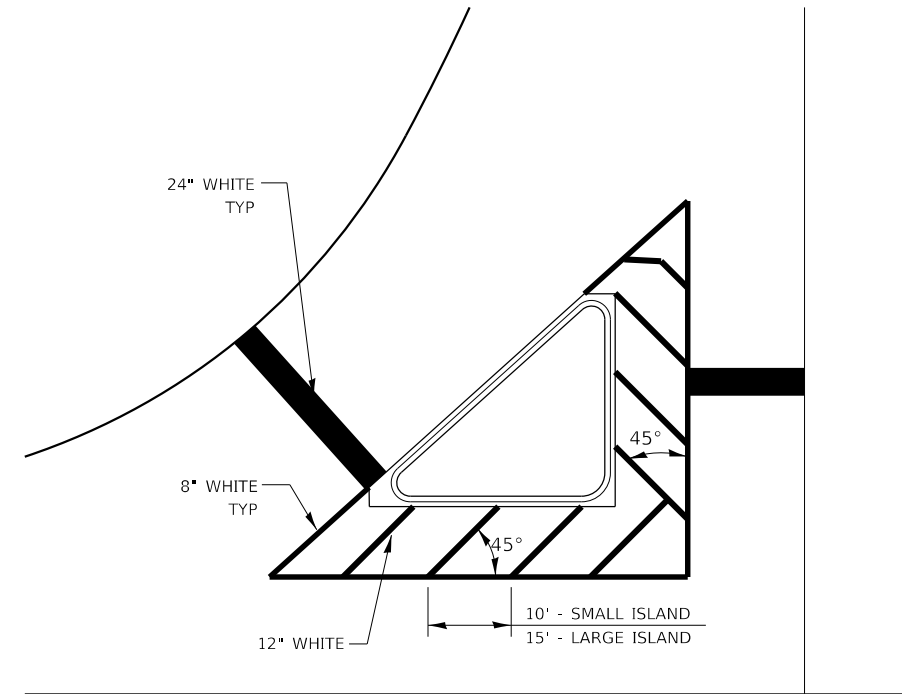
**PEACE ROAD AND FAIRVIEW DRIVE  
 DISTRICT 3 STANDARD DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 78
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				



**LEFT TURN LANE  
TYPICAL APPLICATION**



**TYPICAL ISLAND**

MODEL: 4400161.MXD  
FILE NAME: 231202100154\_PeaceRdFairviewDrPH\_ILI.dwg  
Project: Peace Rd/Fairview Dr PH\_ILI.dwg

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

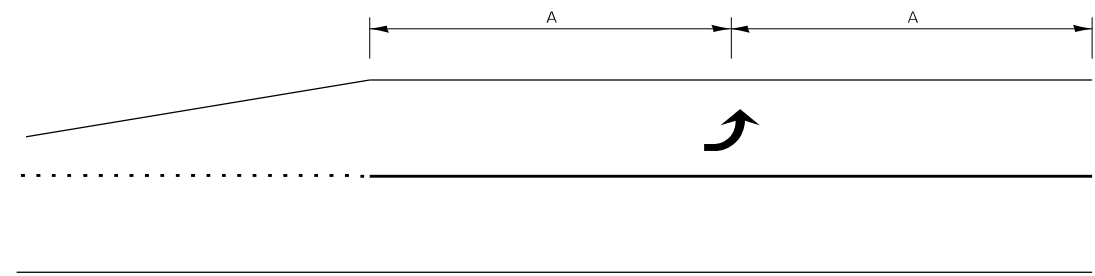
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**CITY OF DEKALB**

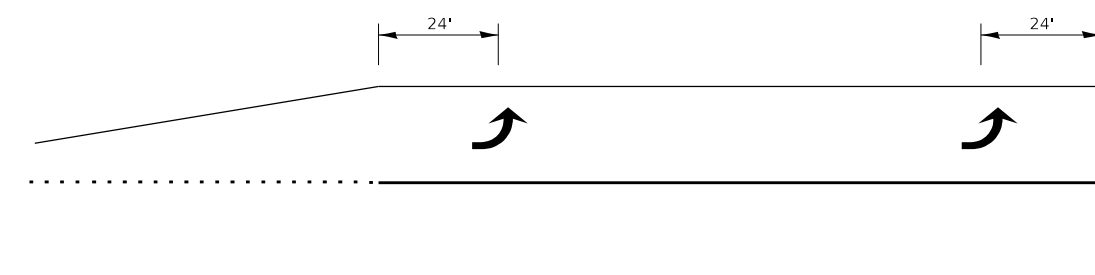
**PEACE ROAD AND FAIRVIEW DRIVE  
DISTRICT 3 STANDARD DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

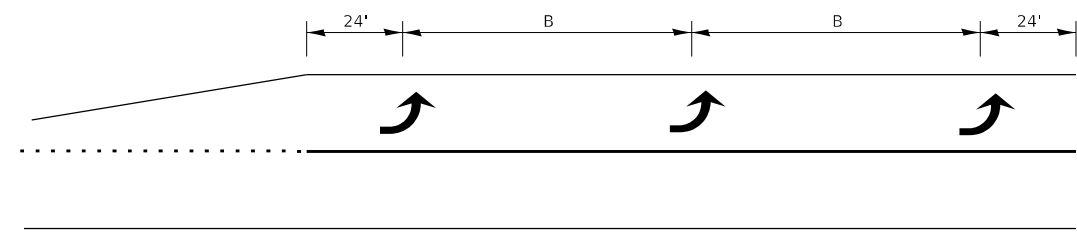
F.A.U. RTE. 5369/ 9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 79
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				



**99' AND UNDER**

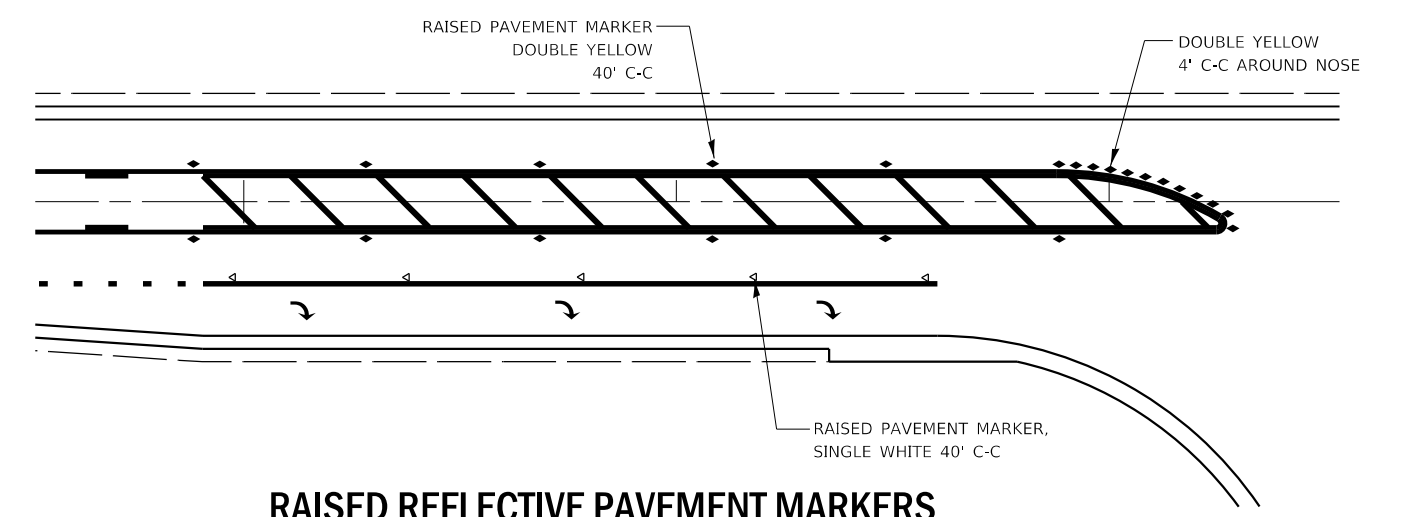


**100' TO 149'**



**150' AND LONGER**

**TYPICAL PLACEMENT OF ARROWS  
IN TURN LANES**



**RAISED REFLECTIVE PAVEMENT MARKERS  
@ RIGHT TURN LANE**

MODEL: 4400185.DWG  
 FILE NAME: 2015020100154\_PeaceRdFairviewDrPH\_ILCadd\Civil\Drawn\5110154-03-700.dwg

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 ST. CHARLES, ILLINOIS 60174  
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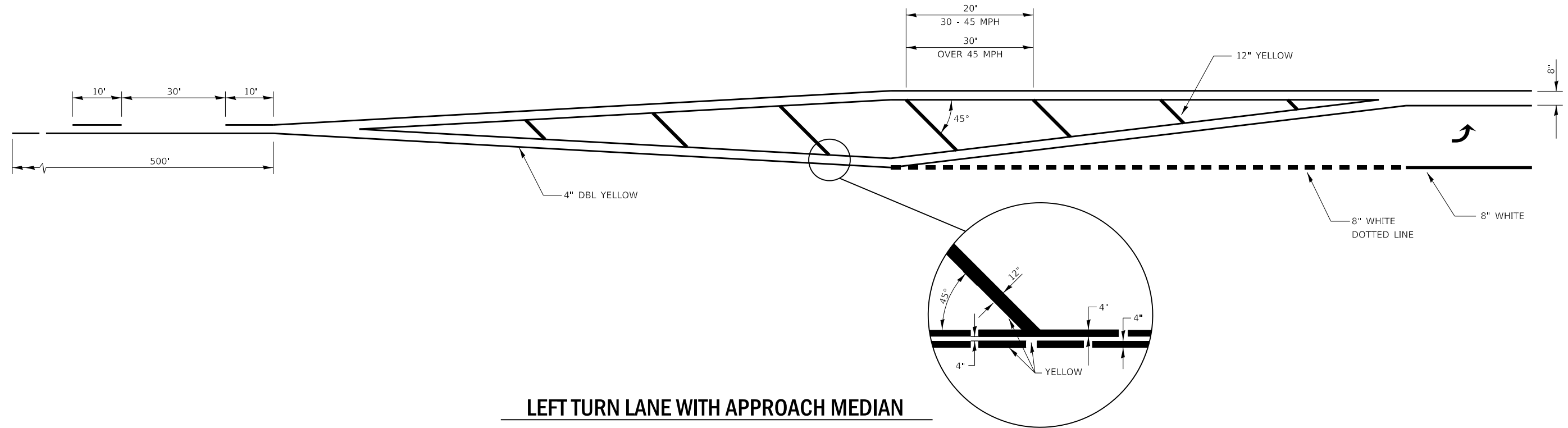
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	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

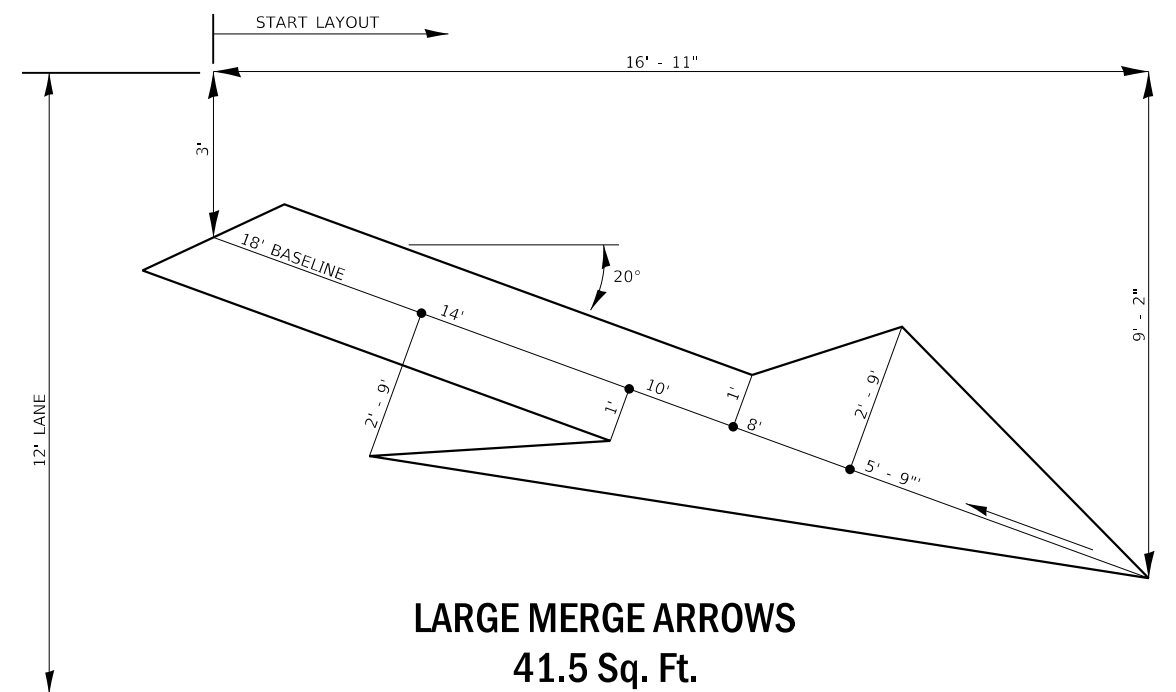
<b>PEACE ROAD AND FAIRVIEW DRIVE DISTRICT 3 STANDARD DETAILS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 80
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				





**LEFT TURN LANE WITH APPROACH MEDIAN**



**LARGE MERGE ARROWS  
41.5 Sq. Ft.**

MODEL: 1400161.MXD  
 FILE NAME: 211202100154\_PeaceRdFairviewDrPL\_11.cad.ctb  
 Project: 15-00185-00-01-03-700.dgn

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

USER NAME = ssundaresan	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 04-12-21	CHECKED -	REVISED -
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**CITY OF DEKALB**

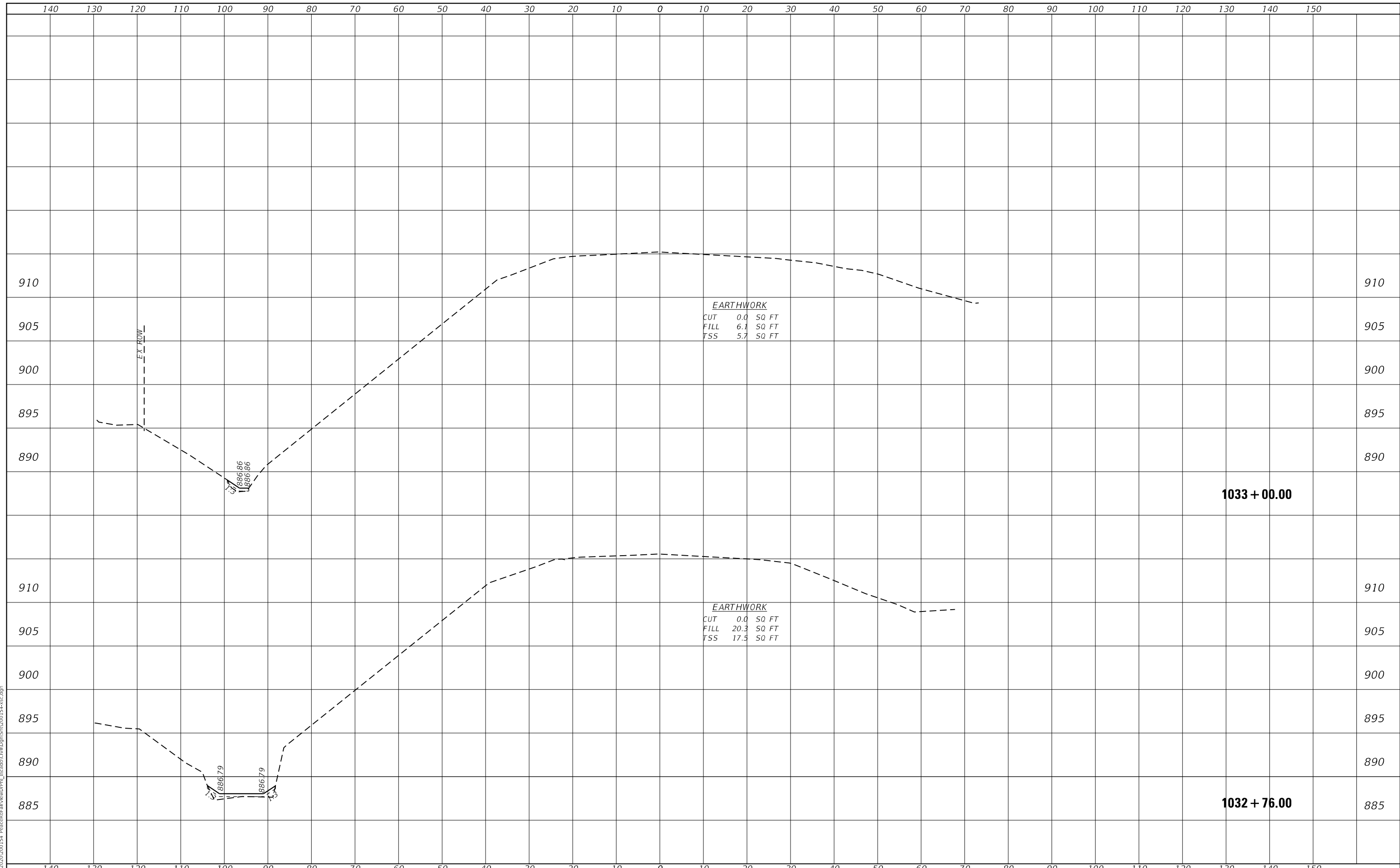
**PEACE ROAD AND FAIRVIEW DRIVE  
 DISTRICT 3 STANDARD DETAILS**

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 81
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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

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



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

USER NAME	= ssundaresan	DESIGNED	- KAC	REVISED	-
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PLOT DATE	= 04-12-21				

CITY OF DEKALB

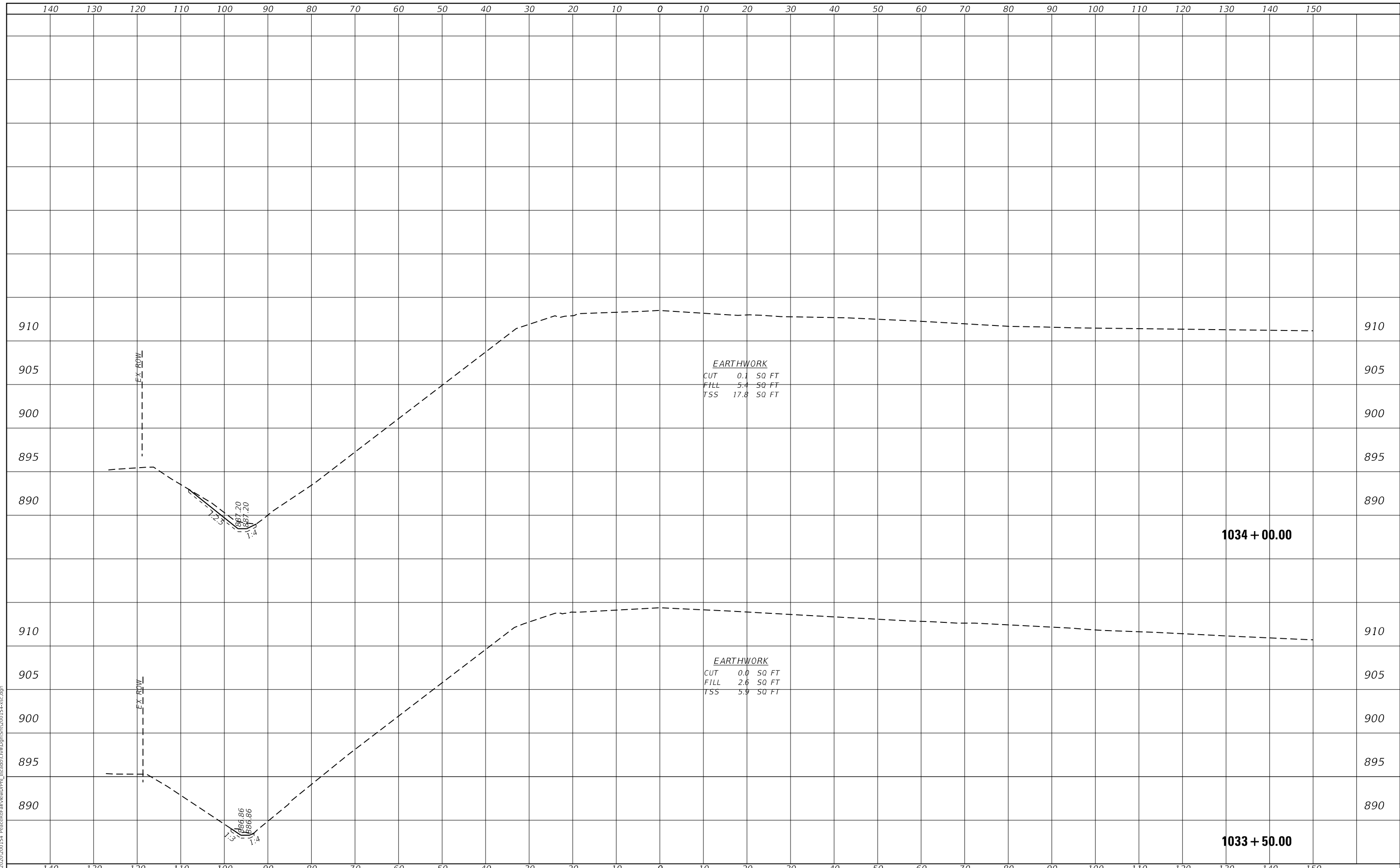
**PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS**

SCALE: H:5 V:2 SHEET 1 OF 24 SHEETS STA. 1032+76.00 TO STA. 1033+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	82
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT X				

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

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



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

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	
		DRAWN -	SS	REVISED -	
PLOT SCALE =	1:20	CHECKED -	YOO	REVISED -	
PLOT DATE =	04-12-21	DATE -	12-21-21	REVISED -	

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

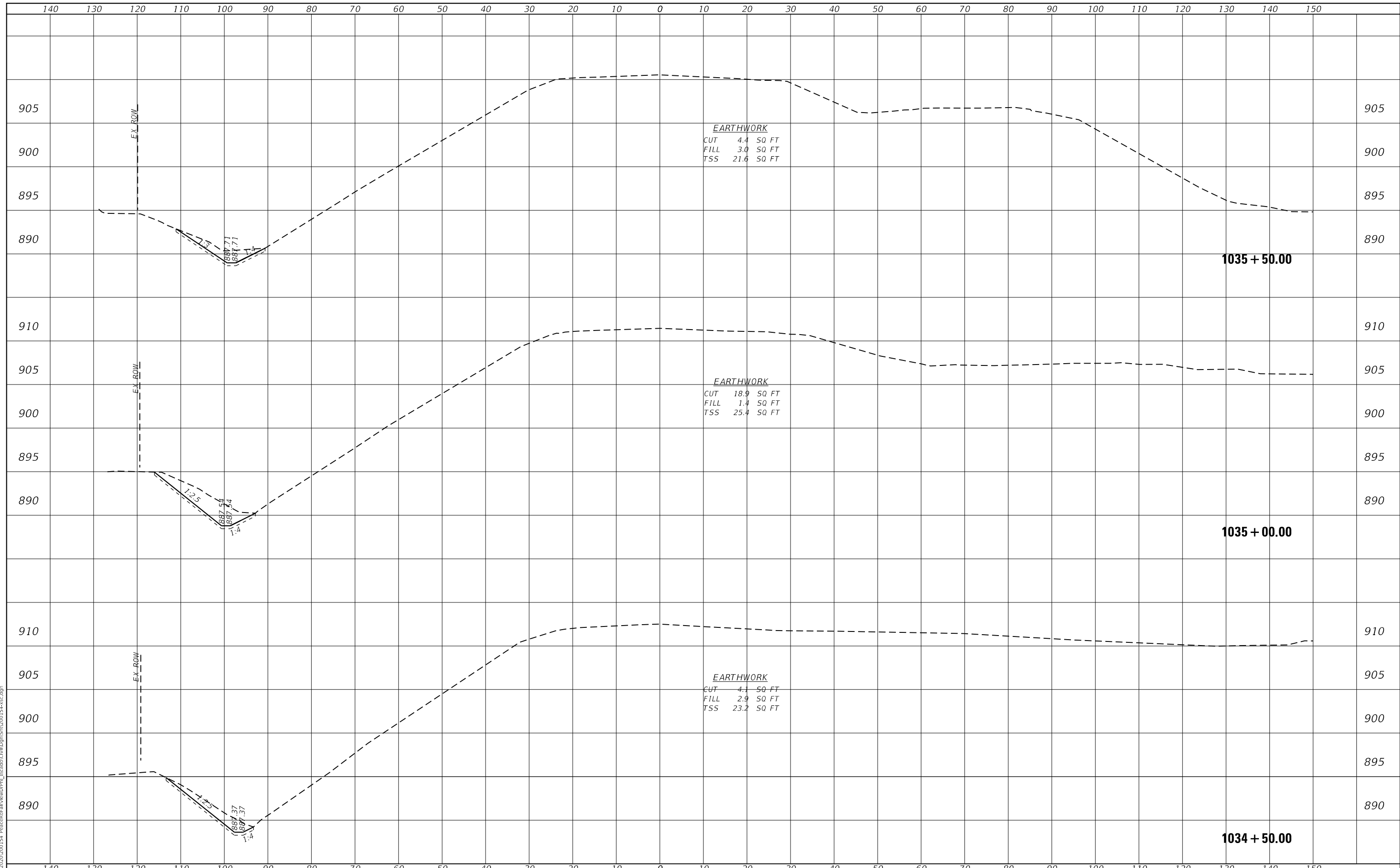
SCALE: H:5 V:2    SHEET 2 OF 24 SHEETS    STA. 1033+50.00 TO STA. 1034+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	83
				CONTRACT NO.87750
				ILLINOIS FED. AID PROJECT X

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

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



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

USER NAME	= ssundaresan	DESIGNED	- KAC	REVISED	-
PLOT SCALE	= 1:20	DRAWN	- SS	REVISED	-
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**CITY OF DEKALB**

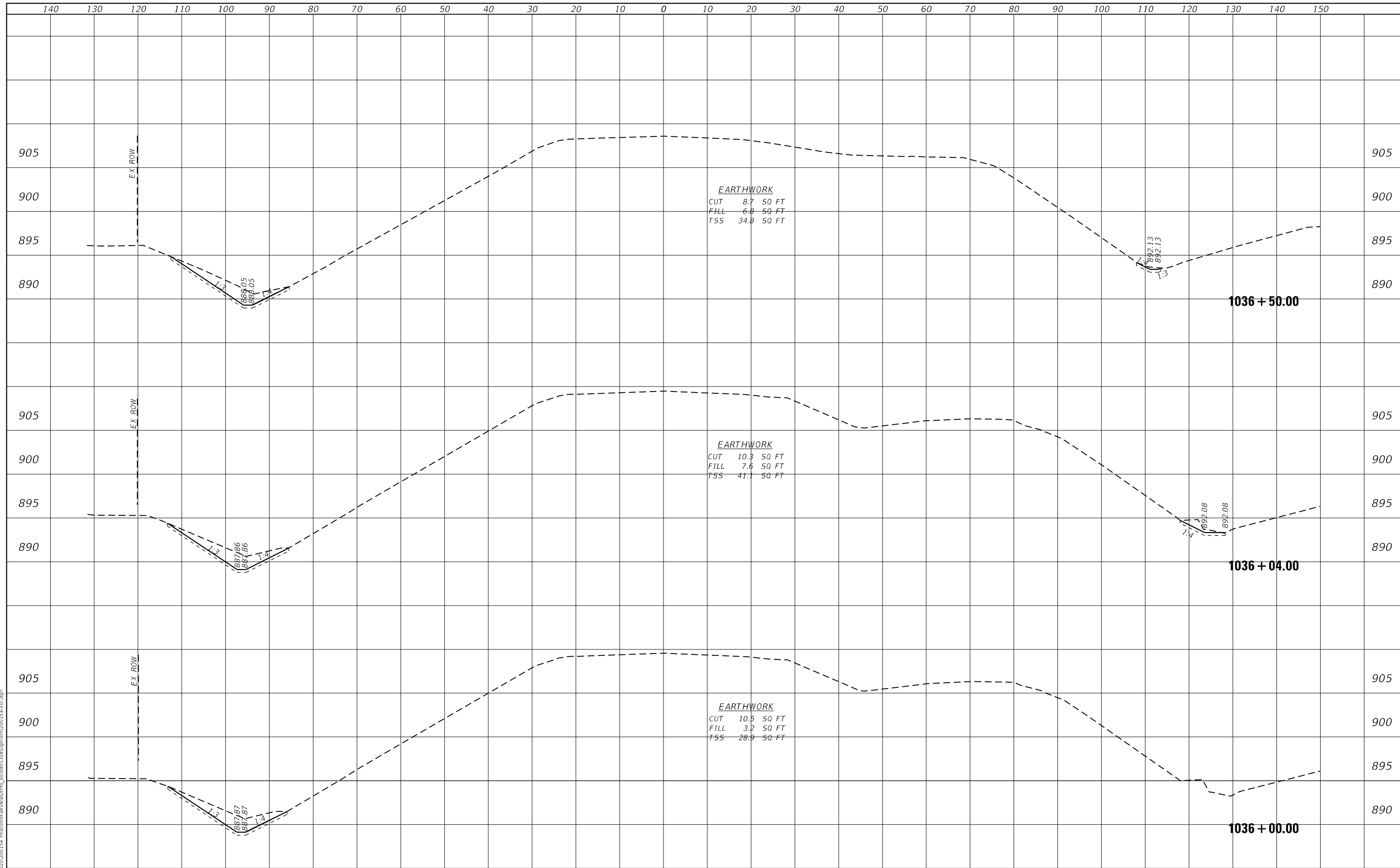
**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

SCALE: H:5 V:2    SHEET 3 OF 24 SHEETS    STA. 1034+50.00 TO STA. 1035+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	84
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
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 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME	= ssoundaresan
PLOT SCALE	= 1:20
PLOT DATE	= 04-12-21

DESIGNED	- KAC
DRAWN	- SS
CHECKED	- YOO
DATE	- 12-21-21

REVISED	-
REVISED	-
REVISED	-
REVISED	-

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS

SCALE: H:5 V:2 SHEET 4 OF 24 SHEETS STA. 1036+00.00 TO STA. 1036+50.00

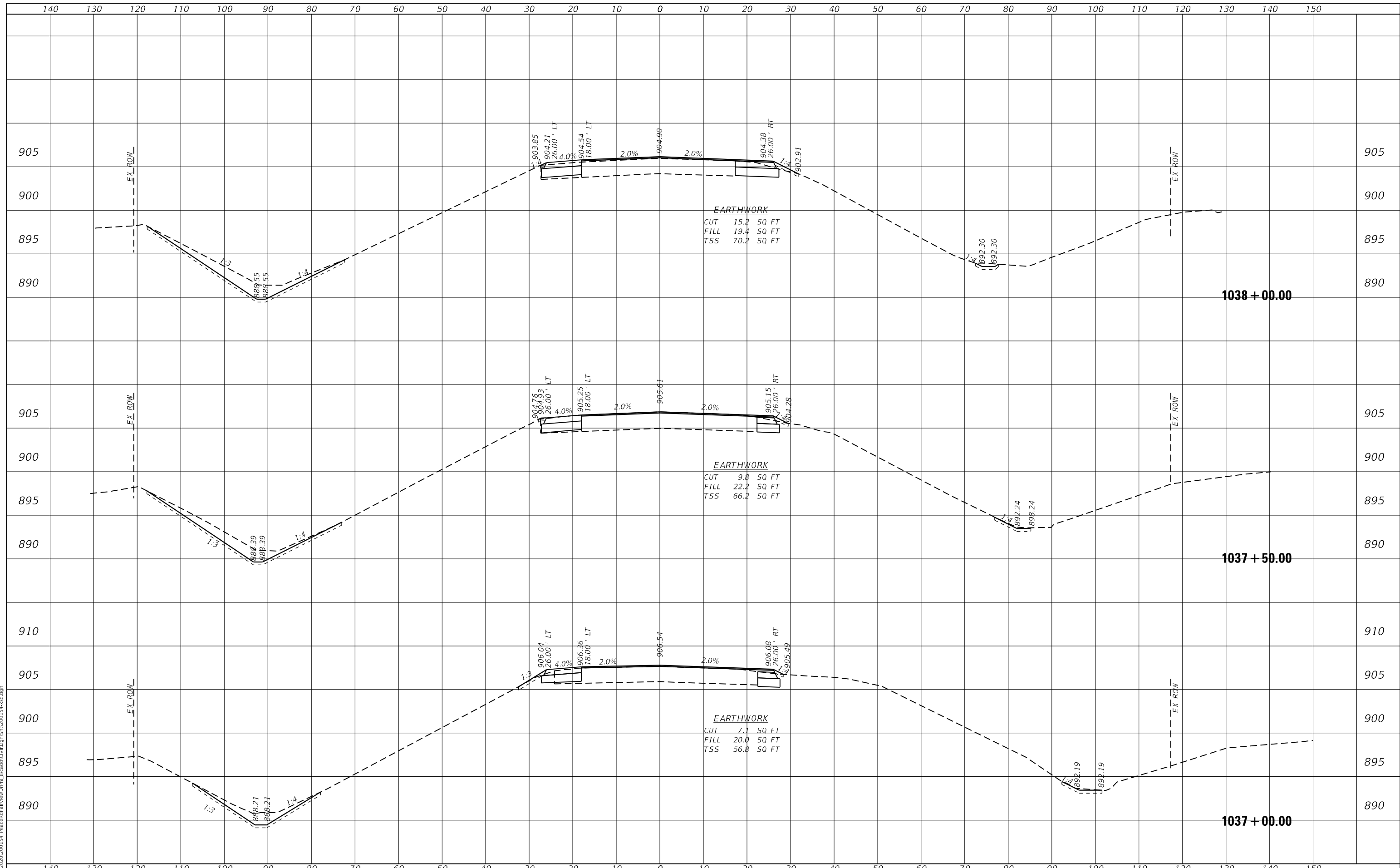
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5369/9700	15-00185-00-WR	DEKALB	117	85
CONTRACT NO.87750				

ILLINOIS FED. AID PROJECT X

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

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

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	
PLOT SCALE =	1:20	DRAWN -	SS	REVISED -	
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		DATE -	12-21-21	REVISED -	

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS**

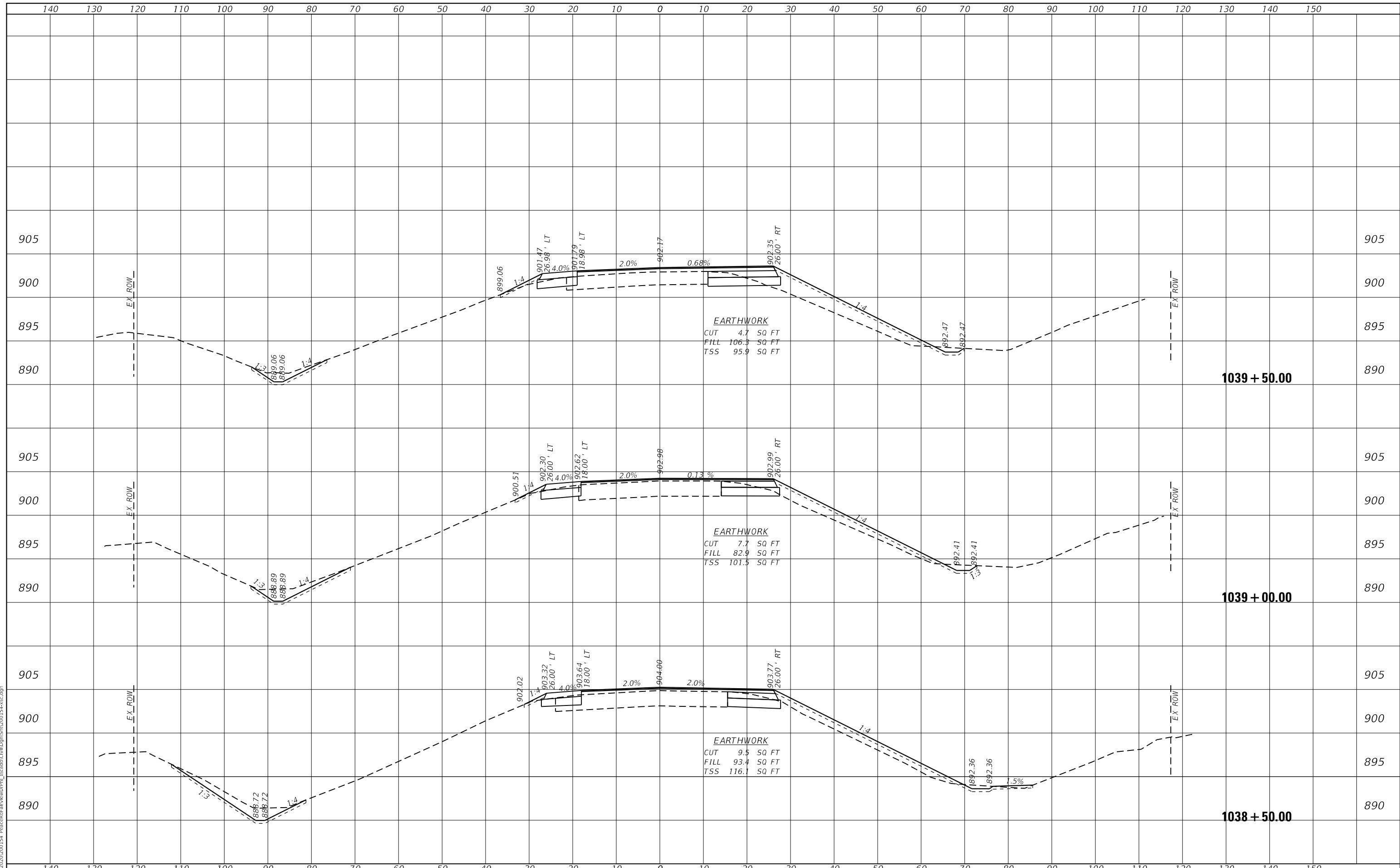
SCALE: H:5 V:2    SHEET 5 OF 24 SHEETS    STA. 1037+00.00 TO STA. 1038+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	86
CONTRACT NO.87750			ILLINOIS FED. AID PROJECT X	

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

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

FILE NAME = Z:\2020\200154\_PeaceRdFairViewDrive\DWG\15-00185-00-08.dwg



**EARTHWORK**  
 CUT 4.7 SQ FT  
 FILL 106.3 SQ FT  
 TSS 95.9 SQ FT

**EARTHWORK**  
 CUT 7.7 SQ FT  
 FILL 82.9 SQ FT  
 TSS 101.5 SQ FT

**EARTHWORK**  
 CUT 9.5 SQ FT  
 FILL 93.4 SQ FT  
 TSS 116.1 SQ FT

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

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	
		DRAWN -	SS	REVISED -	
PLOT SCALE =	1:20	CHECKED -	YOO	REVISED -	
PLOT DATE =	04-12-21	DATE -	12-21-21	REVISED -	

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS**

SCALE: H:5 V:2    SHEET 6 OF 24 SHEETS    STA. 1038+50.00 TO STA. 1039+50.00

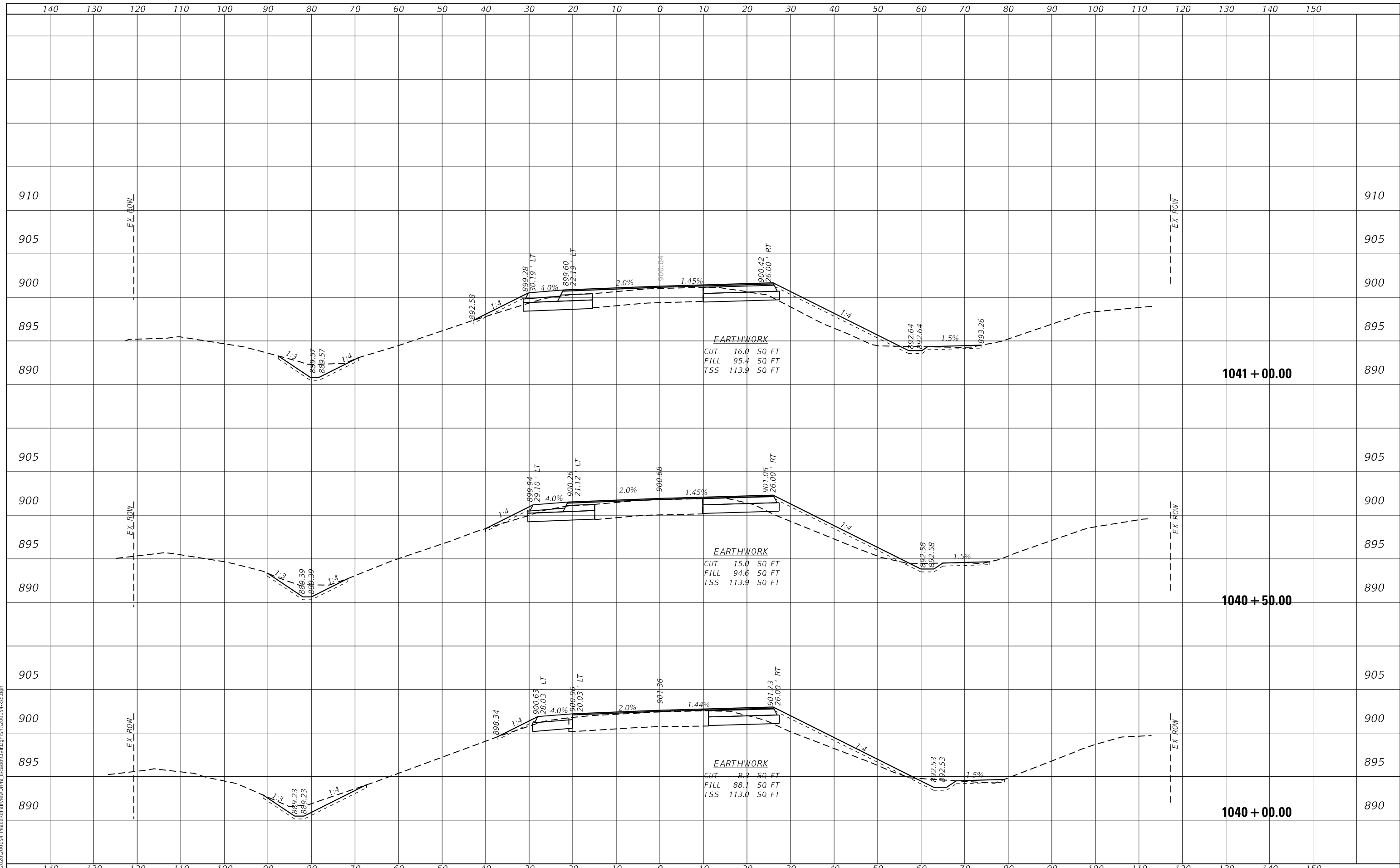
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	87
			CONTRACT NO.87750	

ILLINOIS FED. AID PROJECT X

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
AREAS CHECKED	
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 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME	= ssundaresan
PLOT SCALE	= 1:20
PLOT DATE	= 04-12-21

DESIGNED	- KAC
DRAWN	- SS
CHECKED	- YOO
DATE	- 12-21-21

REVISED	-
REVISED	-
REVISED	-
REVISED	-

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS

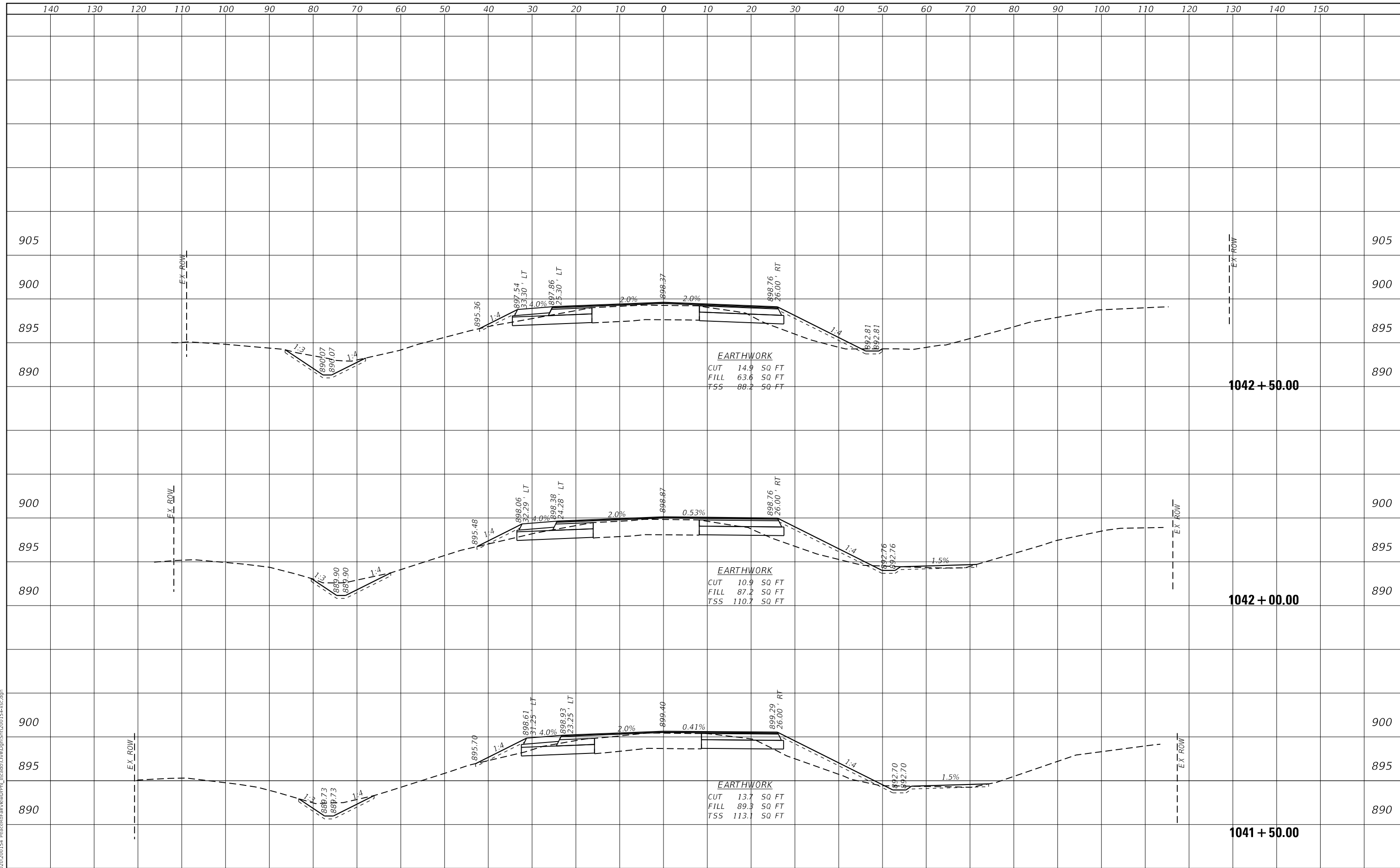
SCALE: H:5 V:2    SHEET 7 OF 24 SHEETS    STA. 1040+00.00 TO STA. 1041+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	88
CONTRACT NO.87750				
ILLINOIS FED. AID PROJECT X				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
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**WBK ENGINEERING, LLC**  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	
		DRAWN -	SS	REVISED -	
		CHECKED -	YOO	REVISED -	
		DATE -	12-21-21	REVISED -	
PLOT SCALE =	1:20				
PLOT DATE =	04-12-21				

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS

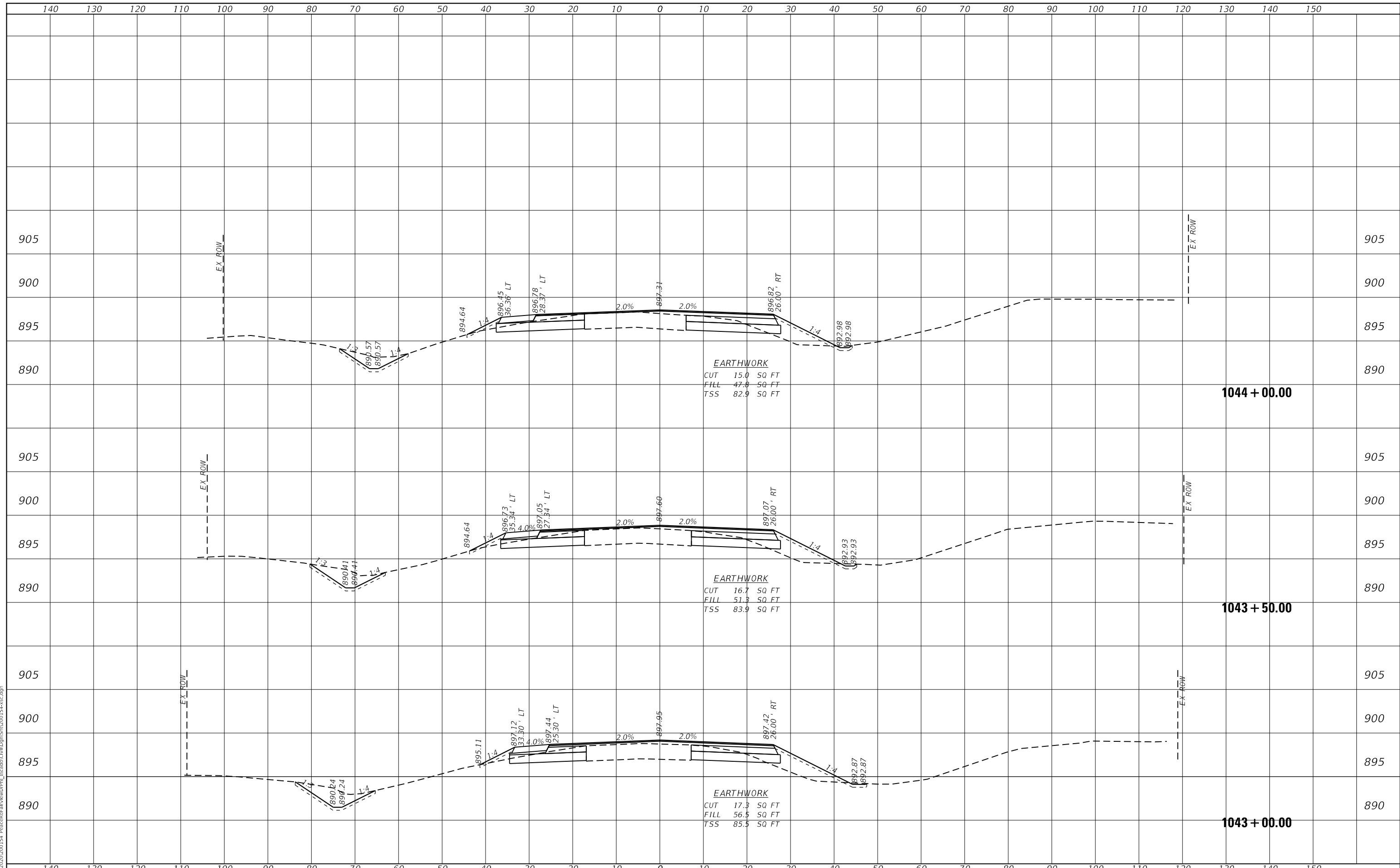
SCALE: H:5 V:2 SHEET 8 OF 24 SHEETS STA. 1041+50.00 TO STA. 1042+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	89
CONTRACT NO.87750				
ILLINOIS		FED. AID PROJECT X		

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

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

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	
		DRAWN -	SS	REVISED -	
		CHECKED -	YOO	REVISED -	
		DATE -	12-21-21	REVISED -	
PLOT SCALE =	1:20				
PLOT DATE =	04-12-21				

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

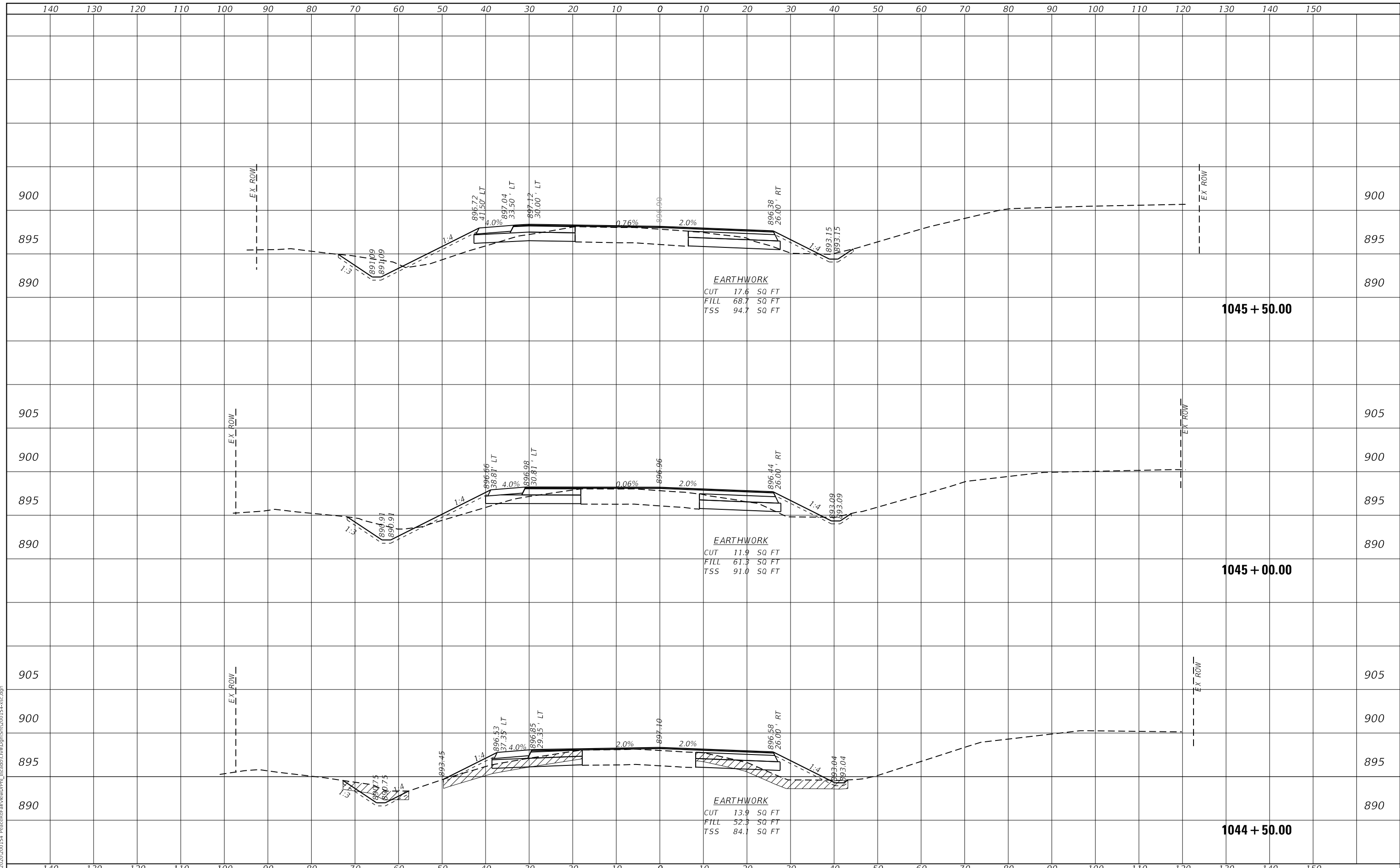
SCALE: H:5 V:2      SHEET 9 OF 24 SHEETS      STA. 1043+00.00 TO STA. 1044+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	90
CONTRACT NO.87750				
ILLINOIS		FED. AID PROJECT	X	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

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

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	
		DRAWN -	SS	REVISED -	
		CHECKED -	YOO	REVISED -	
		DATE -	12-21-21	REVISED -	
PLOT SCALE =	1:20				
PLOT DATE =	04-12-21				

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS

SCALE: H:5 V:2    SHEET 10 OF 24 SHEETS    STA. 1044+50.00 TO STA. 1045+50.00

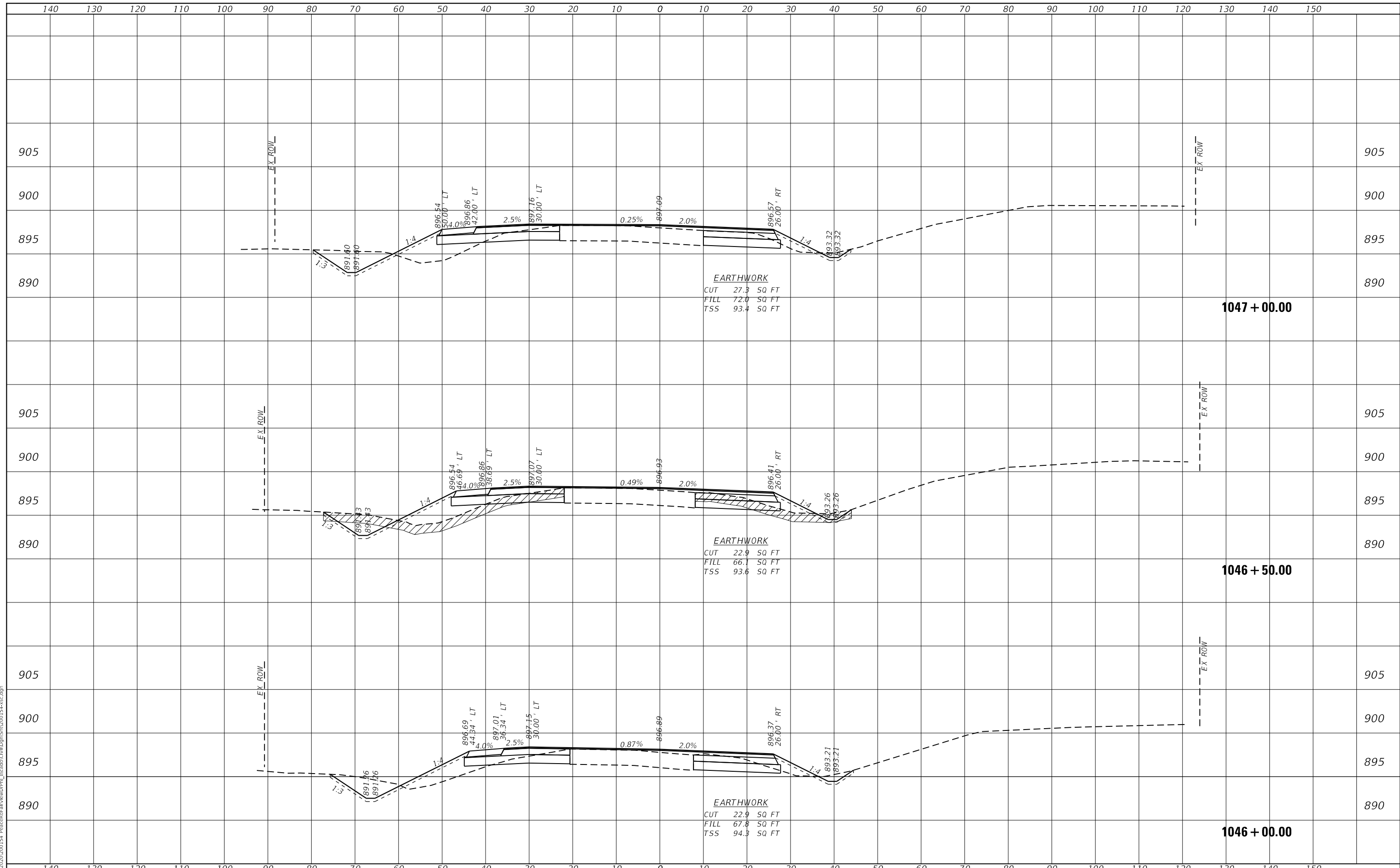
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	91
CONTRACT NO.87750				

ILLINOIS FED. AID PROJECT X

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

FILE NAME = Z:\2020\200154 PeaceRdFairViewDPR\154-00185-00-11-11-21-21.dwg



**EARTHWORK**  
 CUT 27.3 SQ FT  
 FILL 72.0 SQ FT  
 TSS 93.4 SQ FT

**EARTHWORK**  
 CUT 22.9 SQ FT  
 FILL 66.1 SQ FT  
 TSS 93.6 SQ FT

**EARTHWORK**  
 CUT 22.9 SQ FT  
 FILL 67.8 SQ FT  
 TSS 94.3 SQ FT

**1047 + 00.00**

**1046 + 50.00**

**1046 + 00.00**



USER NAME = ssoundresan  
 PLOT SCALE = 1:20  
 PLOT DATE = 04-12-21

DESIGNED - KAC  
 DRAWN - SS  
 CHECKED - YOO  
 DATE - 12-21-21

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS**

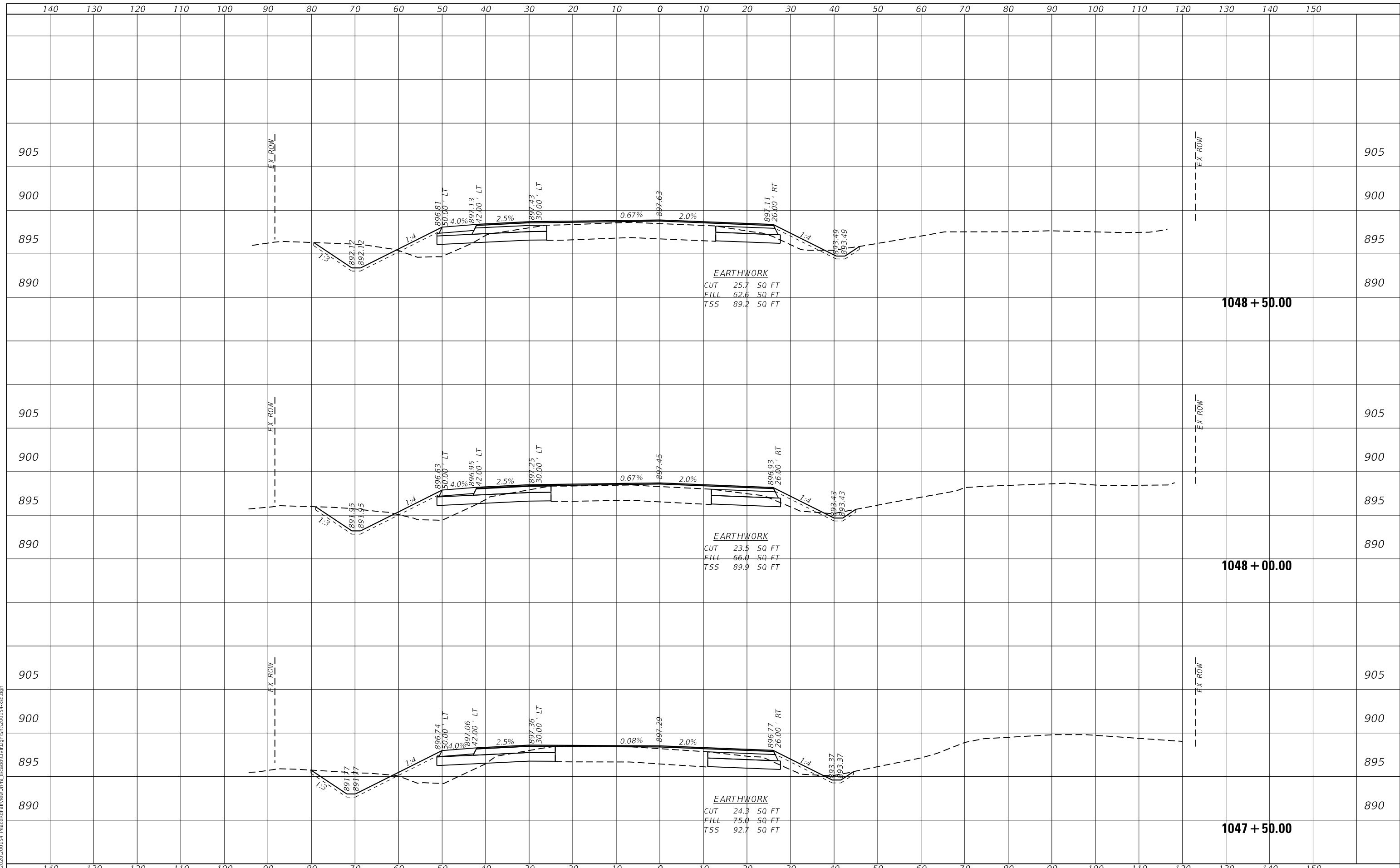
SCALE: H:5 V:2 SHEET 11 OF 24 SHEETS STA. 1046+00.00 TO STA. 1047+00.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 92
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

FILE NAME = Z:\2020\200154 PeaceRdFairViewDrive\154-00154-001.dwg



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

USER NAME = ssoundresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:20	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

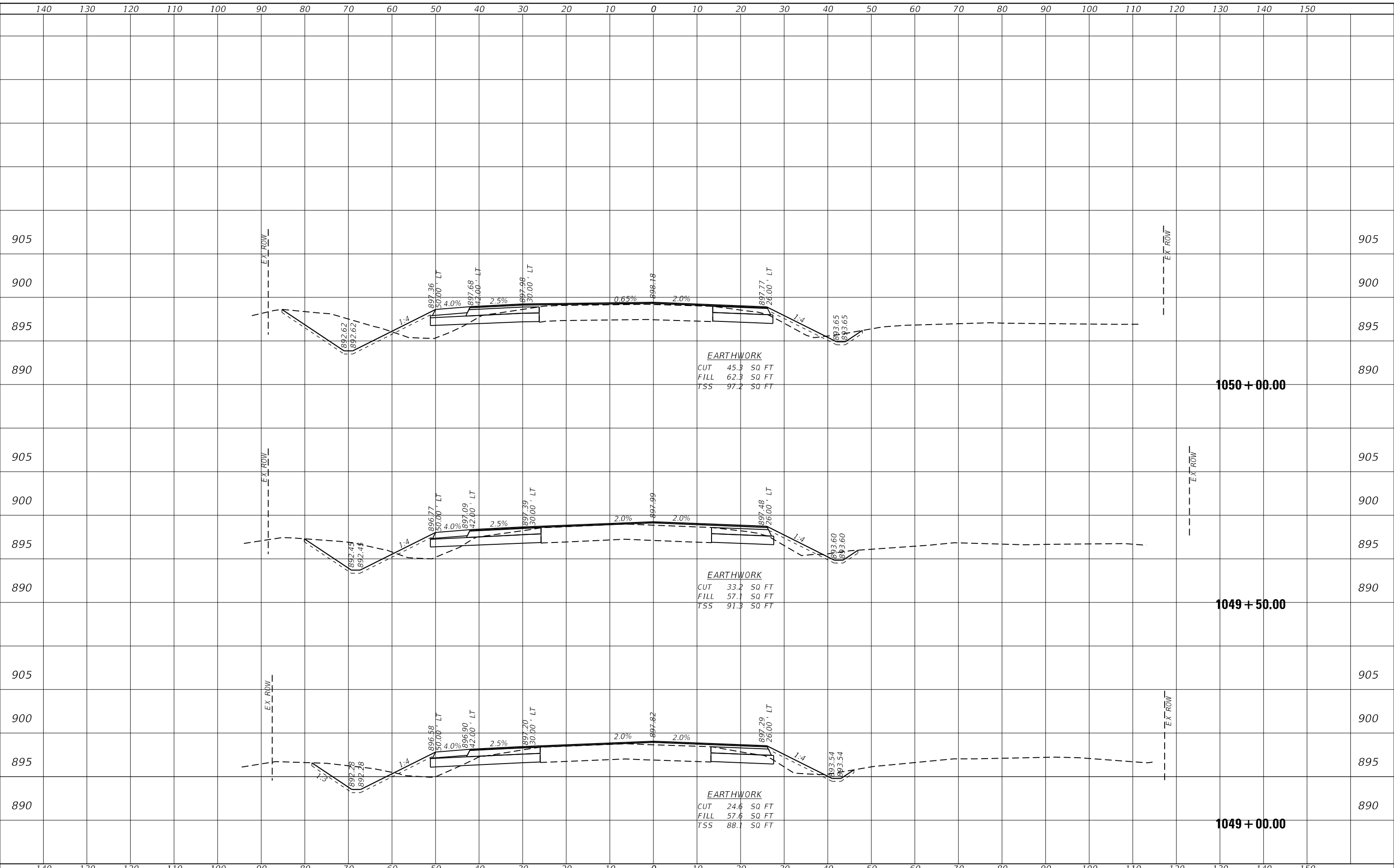
SCALE: H:5 V:2    SHEET 12 OF 24 SHEETS    STA. 1047+50.00 TO STA. 1048+50.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 93
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

DATE	
BY	
FINISHED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS	
NO.	
FINISHED SURVEY	
NOTE BOOK	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
FINISHED SURVEY	
NOTE BOOK	

FILE NAME = Z:\2020\200154 PeaceRdFairViewDPR\15-00185-00-13-Cross.dwg



**EARTHWORK**  
 CUT 45.3 SQ FT  
 FILL 62.3 SQ FT  
 TSS 97.2 SQ FT

**EARTHWORK**  
 CUT 33.2 SQ FT  
 FILL 57.1 SQ FT  
 TSS 91.3 SQ FT

**EARTHWORK**  
 CUT 24.6 SQ FT  
 FILL 57.6 SQ FT  
 TSS 88.1 SQ FT

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

USER NAME = ssoundaresan	DESIGNED - KAC	REVISED -
	DRAWN - SS	REVISED -
PLOT SCALE = 1:20	CHECKED - YOO	REVISED -
PLOT DATE = 04-12-21	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

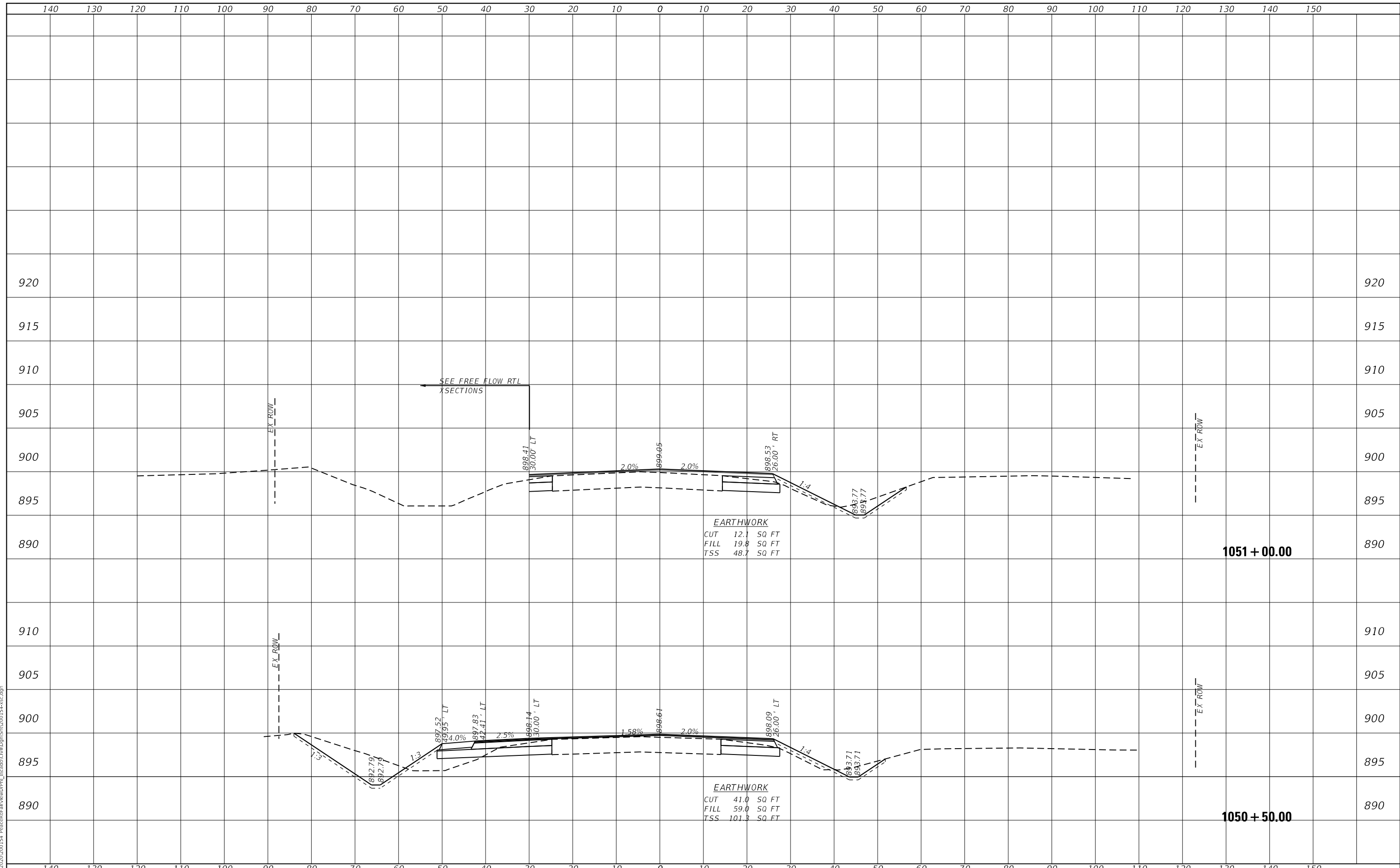
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	94
CONTRACT NO.87750				
ILLINOIS FED. AID PROJECT X				

SCALE: H:5 V:2    SHEET 13 OF 24 SHEETS    STA. 1049+00.00 TO STA. 1050+00.00

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
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AREAS CHECKED	
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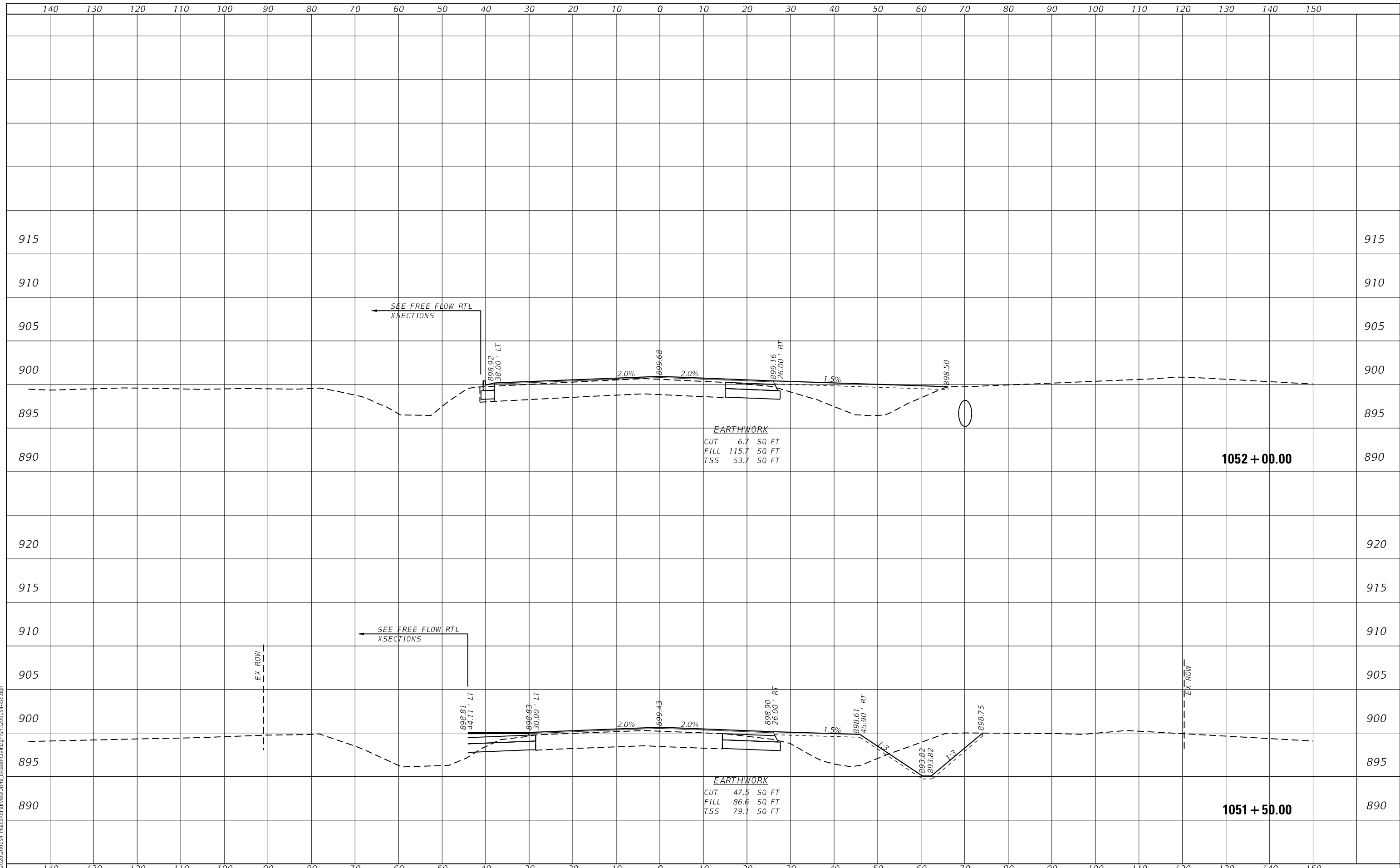
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DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = Z:\2020\200154 PeaceRdFairVwDriv\15-00185-00-15-00185-00.dwg



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

USER NAME = ssoundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:20	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS**

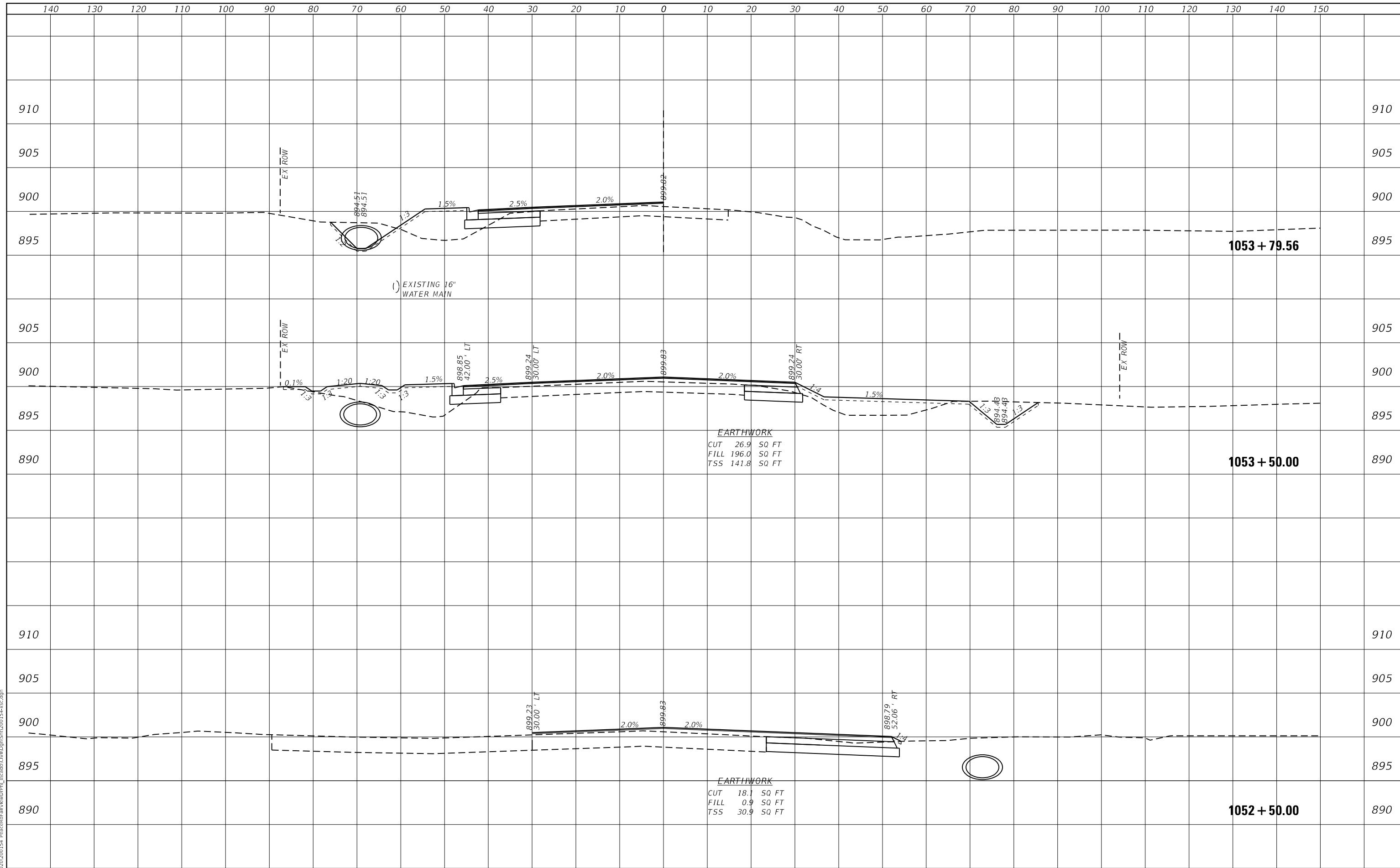
SCALE: H:5 V:2 SHEET 15 OF 24 SHEETS STA. 1051+50.00 TO STA. 1051+50.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 96
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS	
NO.	



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

USER NAME = ssoundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:20	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

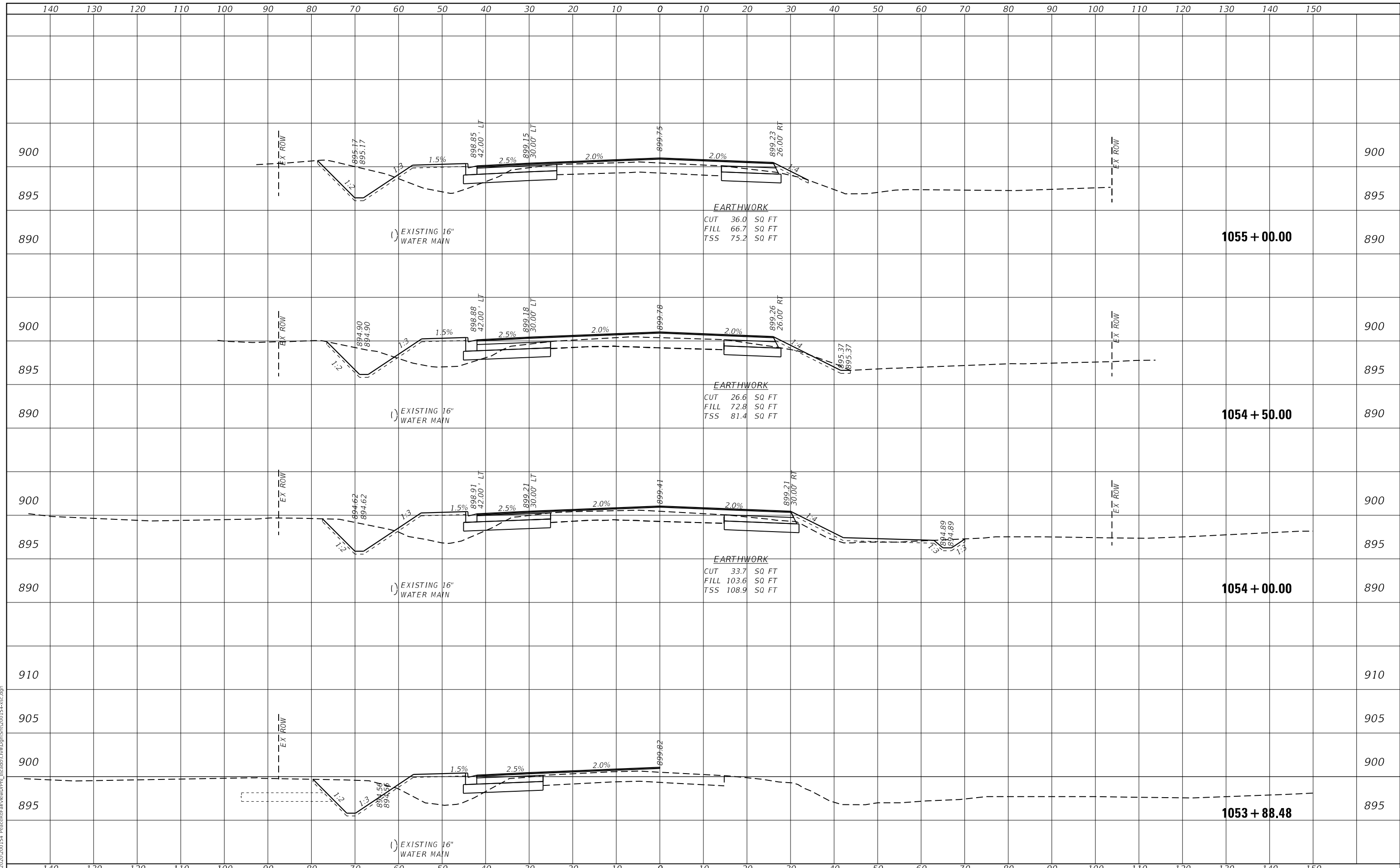
SCALE: H:5 V:2      SHEET 16 OF 24 SHEETS      STA. 1052+50.00 TO STA. 1053+79.56

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 97
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

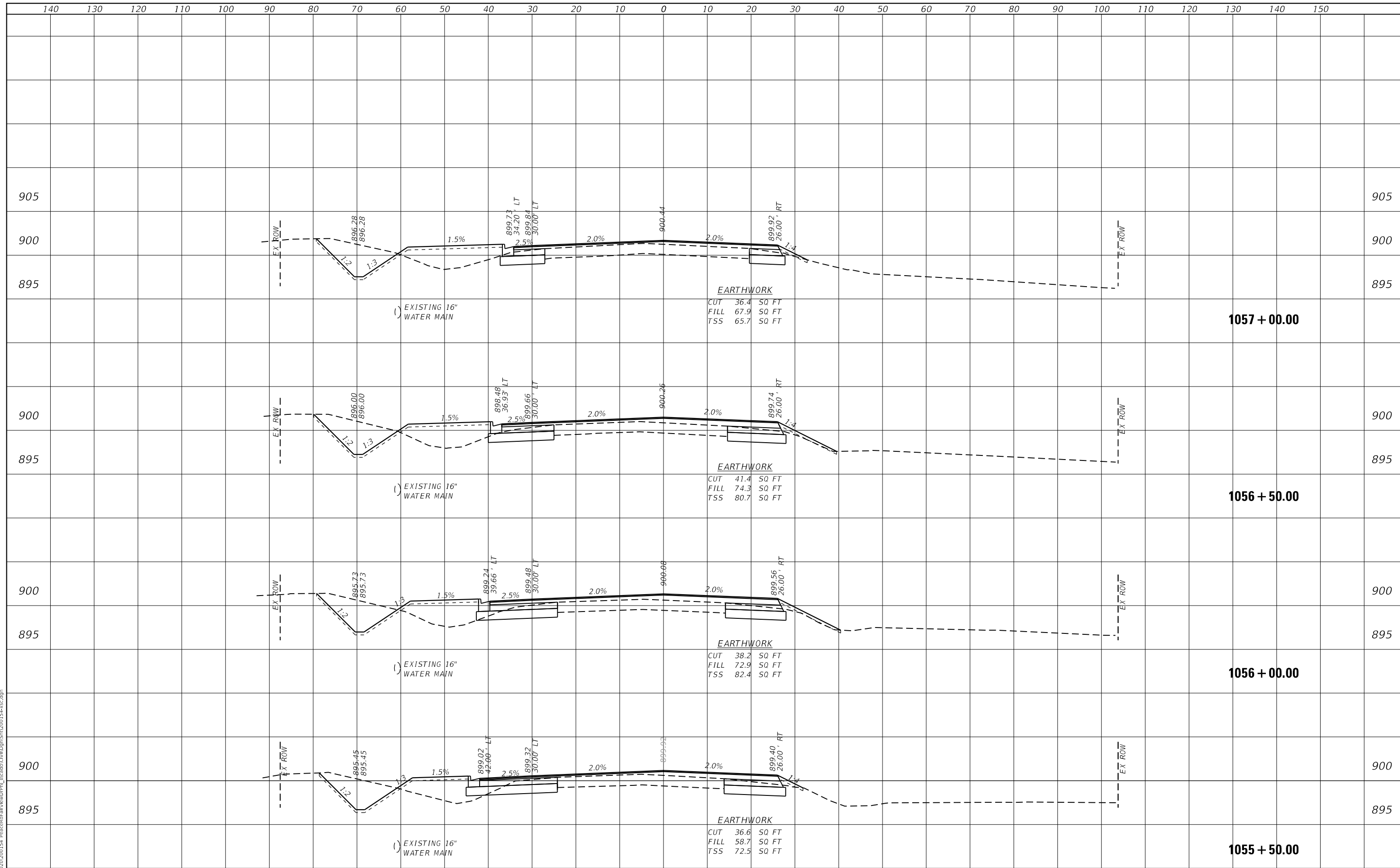
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
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NO.	

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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	



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

USER NAME =	ssundaresan	DESIGNED -	KAC	REVISED -	
PLOT SCALE =	1:20	DRAWN -	SS	REVISED -	
PLOT DATE =	04-12-21	CHECKED -	YOO	REVISED -	
		DATE -	12-21-21	REVISED -	

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

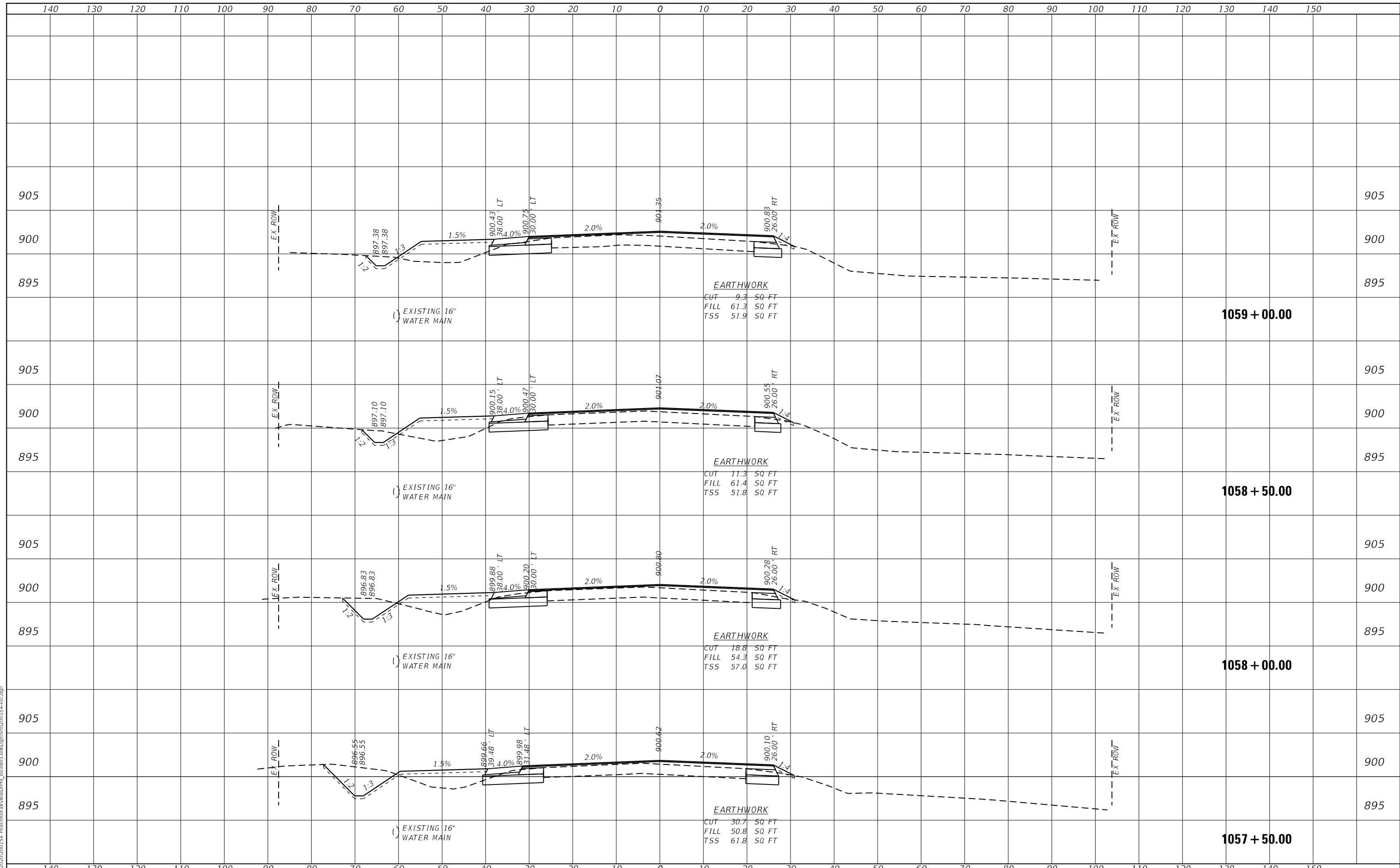
SCALE: H:5 V:2      SHEET 18 OF 24 SHEETS      STA. 1055+50.00 TO STA. 1057+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	99
CONTRACT NO.87750				
ILLINOIS FED. AID PROJECT X				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
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**WBK ENGINEERING, LLC**  
 116 WEST MAIN STREET, SUITE 201  
 ST. CHARLES, ILLINOIS 60174  
 (630) 443-7755

USER NAME = ssoundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:20	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS**

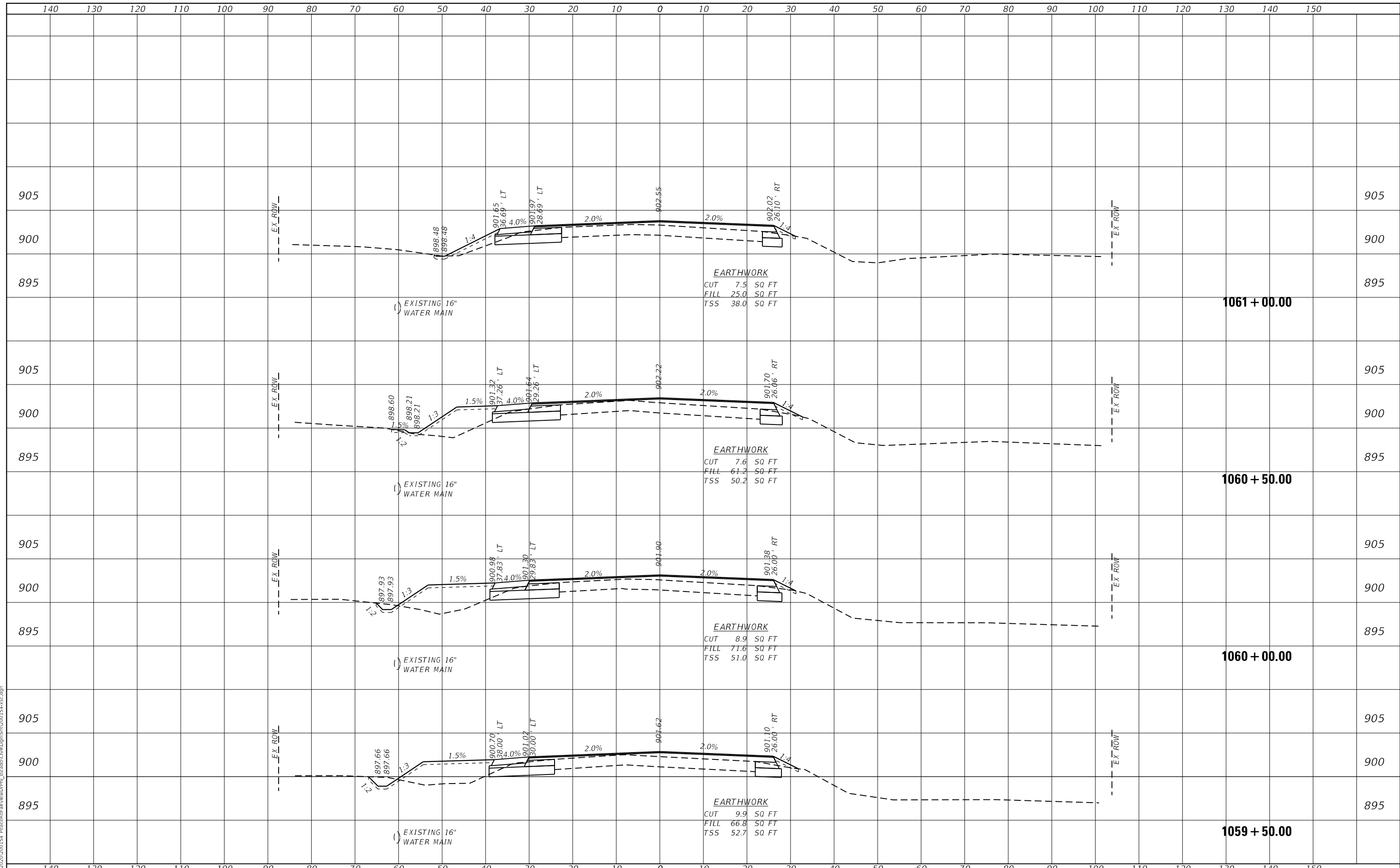
SCALE: H:5 V:2    SHEET 19 OF 24 SHEETS    STA. 1057+50.00 TO STA. 1059+00.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 100
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

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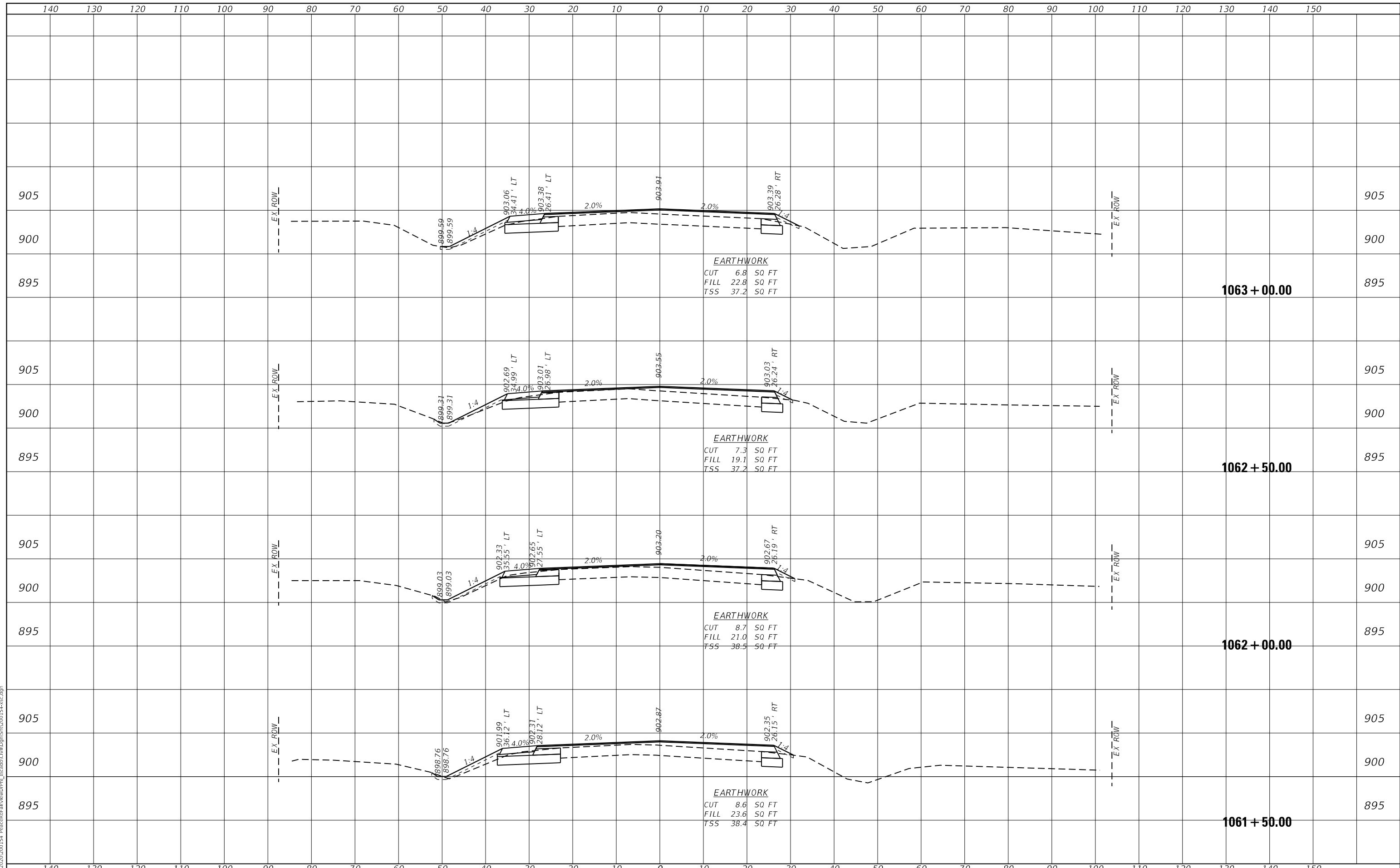
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DATE	
BY	
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AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
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NO.	

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

USER NAME = ssoundaresan	DESIGNED - KAC	REVISED -
	DRAWN - SS	REVISED -
	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -
PLOT SCALE = 1:20		
PLOT DATE = 04-12-21		

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

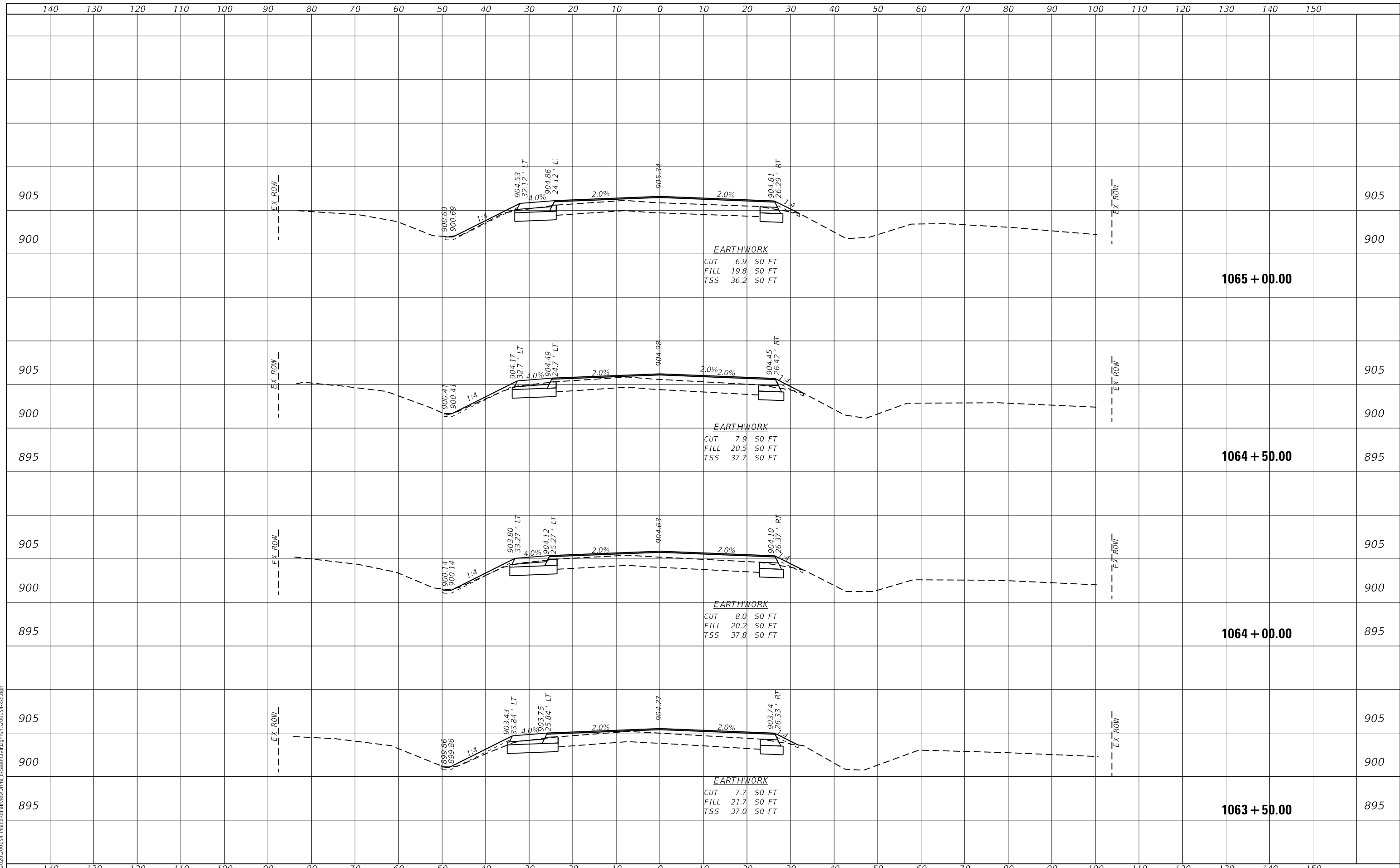
SCALE: H:5 V:2      SHEET 21 OF 24 SHEETS      STA. 1061+50.00 TO STA. 1063+00.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 102
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

FILE NAME = Z:\2020\200154 PeaceRdFairViewDrive\PH\1063+50.00.dwg



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

USER NAME = sssundaresan	DESIGNED - KAC	REVISED -
	DRAWN - SS	REVISED -
PLOT SCALE = 1:20	CHECKED - YOO	REVISED -
PLOT DATE = 04-12-21	DATE - 12-21-21	REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
CROSS SECTIONS**

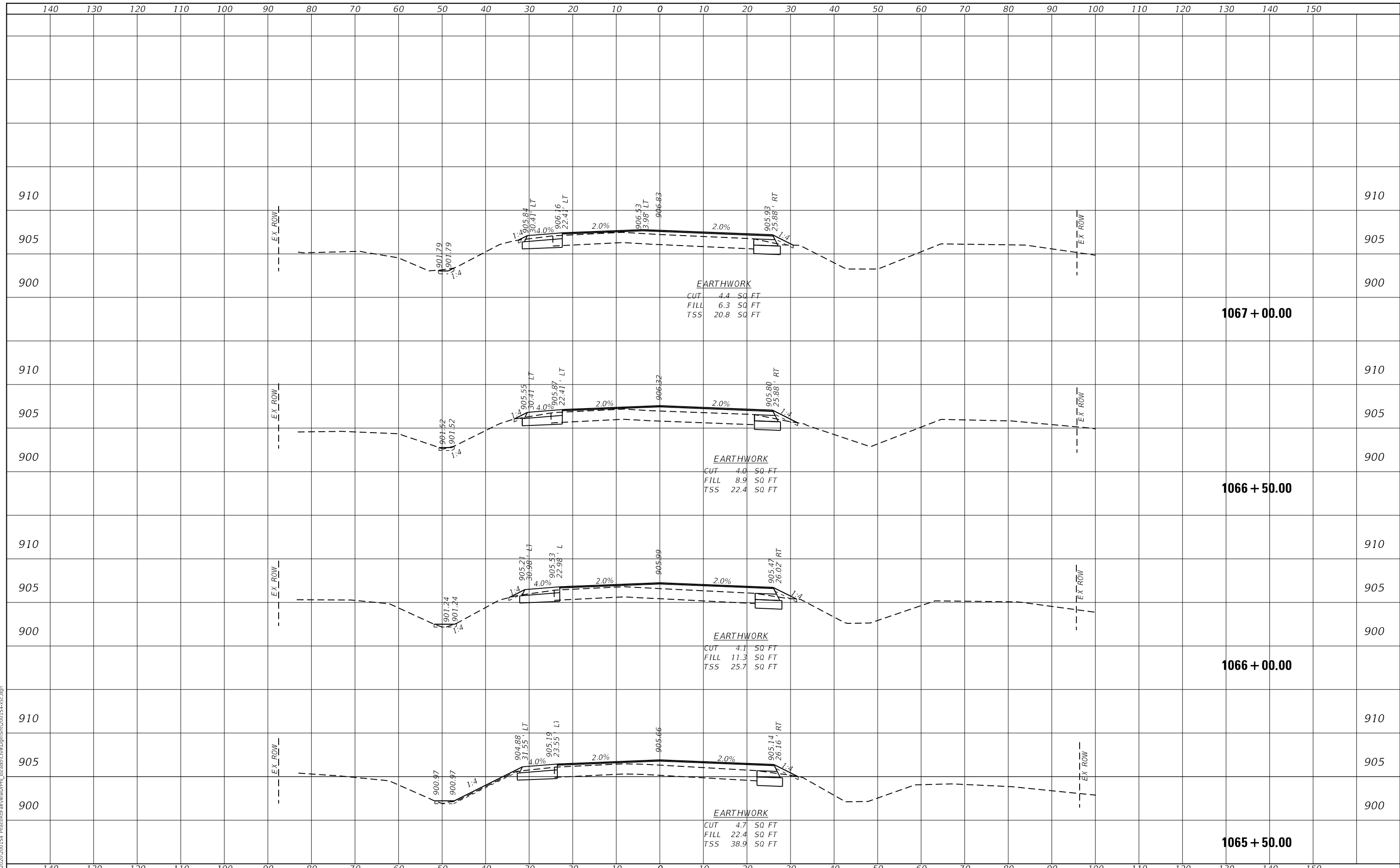
SCALE: H:5 V:2     SHEET 22 OF 24 SHEETS     STA. 1063+50.00 TO STA. 1065+00.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 103
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

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

USER NAME = ssoundresan	DESIGNED - KAC	REVISED -
	DRAWN - SS	REVISED -
	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -
PLOT SCALE = 1:20		
PLOT DATE = 04-12-21		

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS

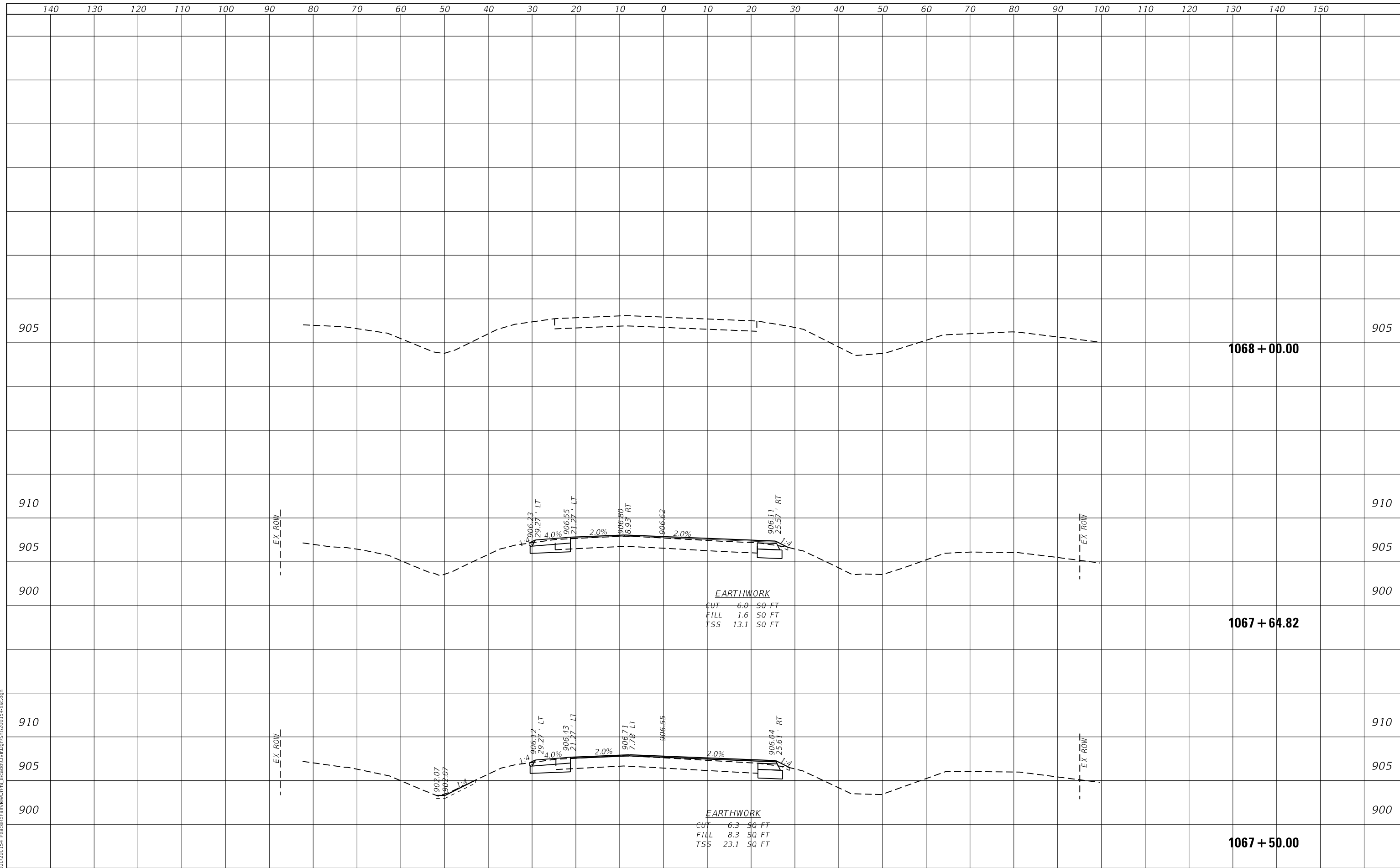
SCALE: H:5 V:2 SHEET 23 OF 24 SHEETS STA. 1065+50.00 TO STA. 1067+00.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 104
ILLINOIS FED. AID PROJECT X			CONTRACT NO. 87750	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
NO.	



**EARTHWORK**  
 CUT 6.0 SQ FT  
 FILL 1.6 SQ FT  
 TSS 13.1 SQ FT

**EARTHWORK**  
 CUT 6.3 SQ FT  
 FILL 8.3 SQ FT  
 TSS 23.1 SQ FT

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

USER NAME	= ssoundaresan
DESIGNED	- KAC
DRAWN	- SS
CHECKED	- YOO
PLOT SCALE	= 1:20
PLOT DATE	= 04-12-21

DESIGNED	- KAC	REVISED	-
DRAWN	- SS	REVISED	-
CHECKED	- YOO	REVISED	-
DATE	- 12-21-21	REVISED	-

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 CROSS SECTIONS**

SCALE: H:5 V:2    SHEET 24 OF 24 SHEETS    STA. 1067+50.00 TO STA. 1069+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	105
CONTRACT NO.87750				
ILLINOIS		FED. AID PROJECT	X	

FILE NAME = Z:\2020\200154 PeaceRdFairvDv\DWG\15-00185-00-WR-105.dwg







BY	DATE

BY	DATE

FILE NAME = Z:\2020\200154 PeaceRdFairviewDPR\15-00185-00-WR-15-00185-00-WR-FairviewDr.dgn



USER NAME	= ssundaresan
PLOT SCALE	= 1:20
PLOT DATE	= 04-12-21

DESIGNED	- KAC
DRAWN	- SS
CHECKED	- YOO
DATE	- 12-21-21

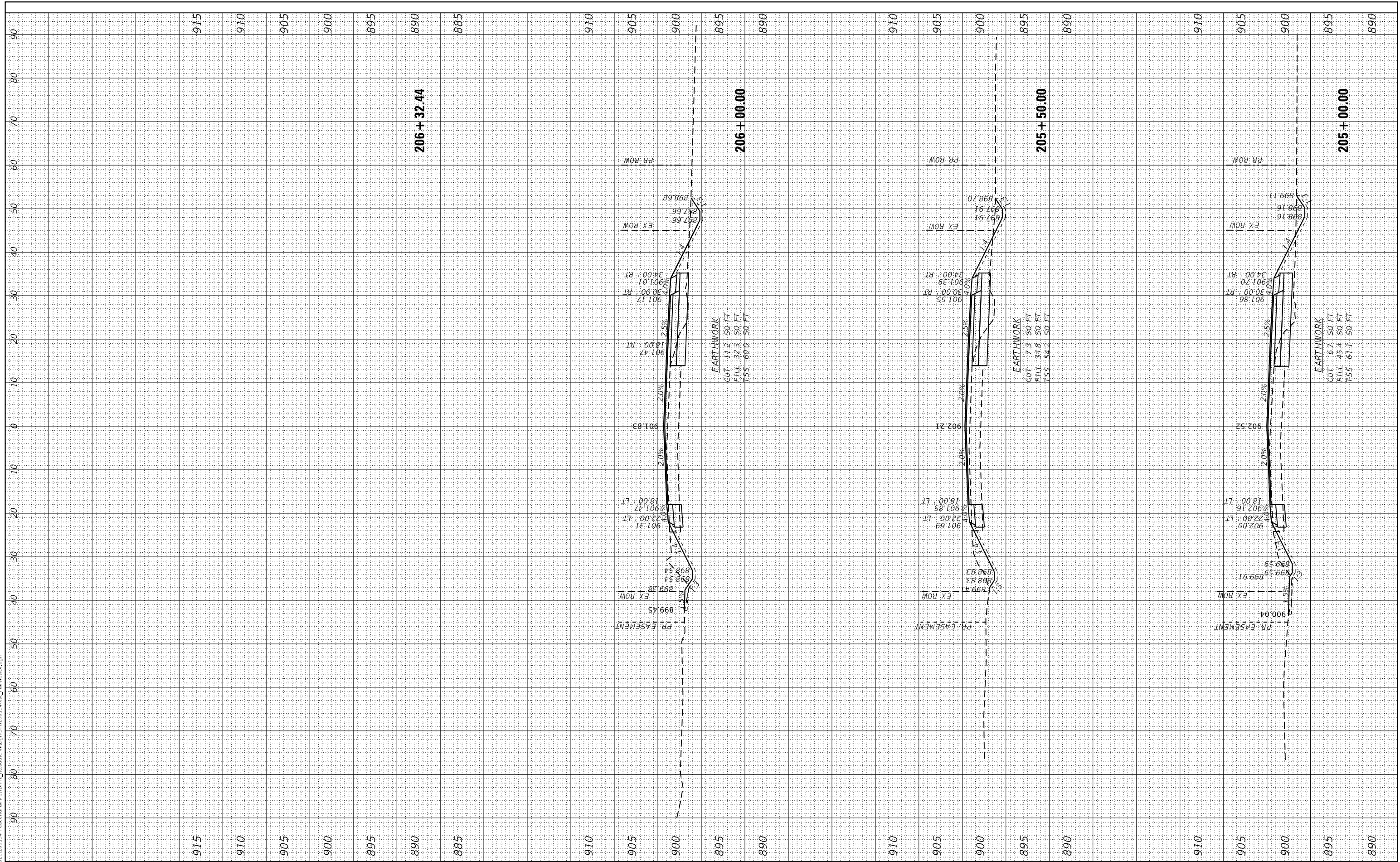
REVISED	-
REVISED	-
REVISED	-
REVISED	-

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE  
 FAIRVIEW DRIVE CROSS SECTIONS

SCALE: H:5 V:2      SHEET 4    OF 10    SHEETS    STA. 205+00.00    TO STA. 206+32.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	109
CONTRACT NO.87750				ILLINOIS FED. AID PROJECT



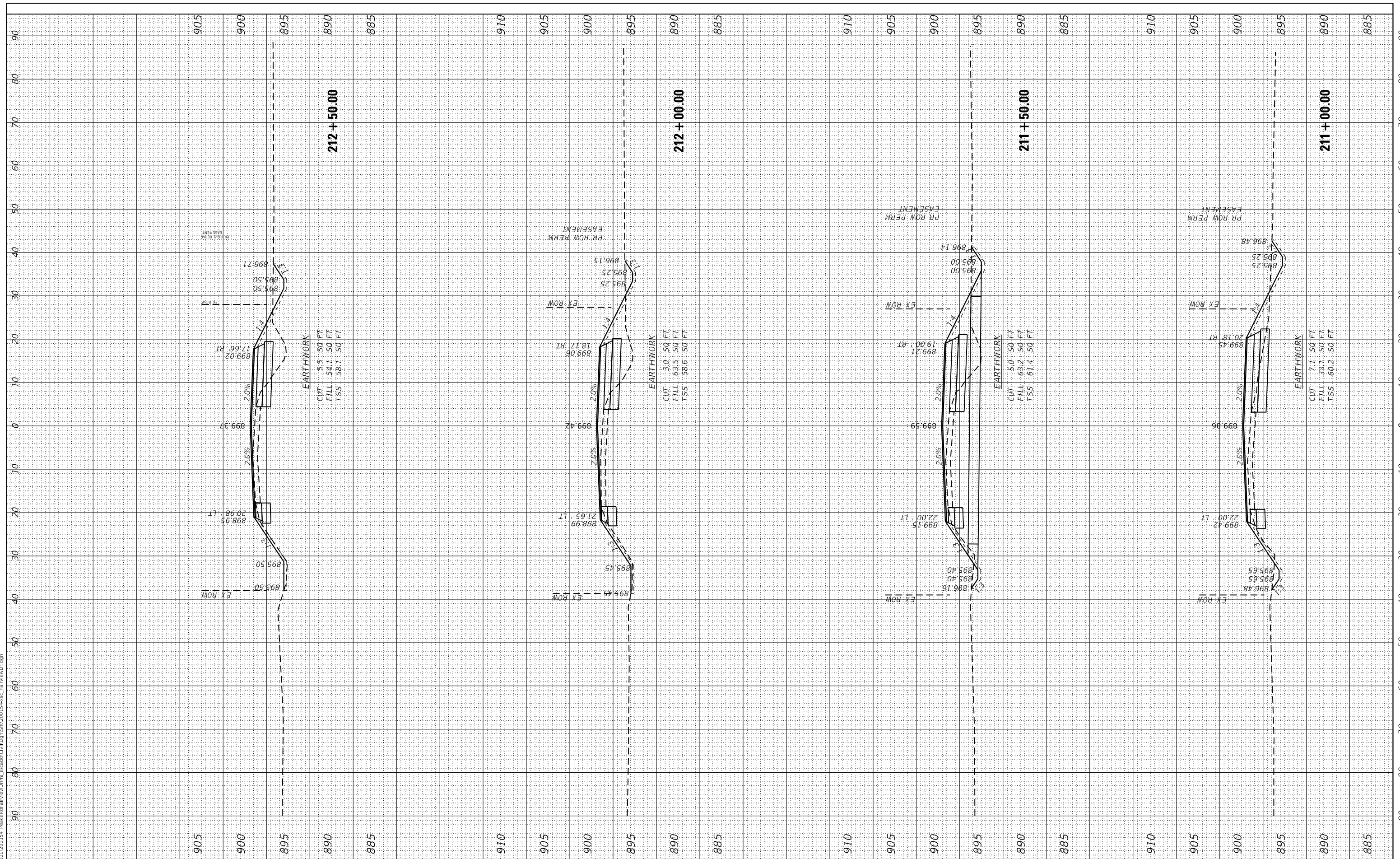




FINL	SURVEYED	DATE
NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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

USER NAME = ssoundresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:20	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

CITY OF DEKALB

PEACE ROAD AND FAIRVIEW DRIVE FAIRVIEW DRIVE CROSS SECTIONS		
SCALE: H:5 V:2	SHEET 7 OF 10 SHEETS	STA. 211+00.00 TO STA. 212+50.00

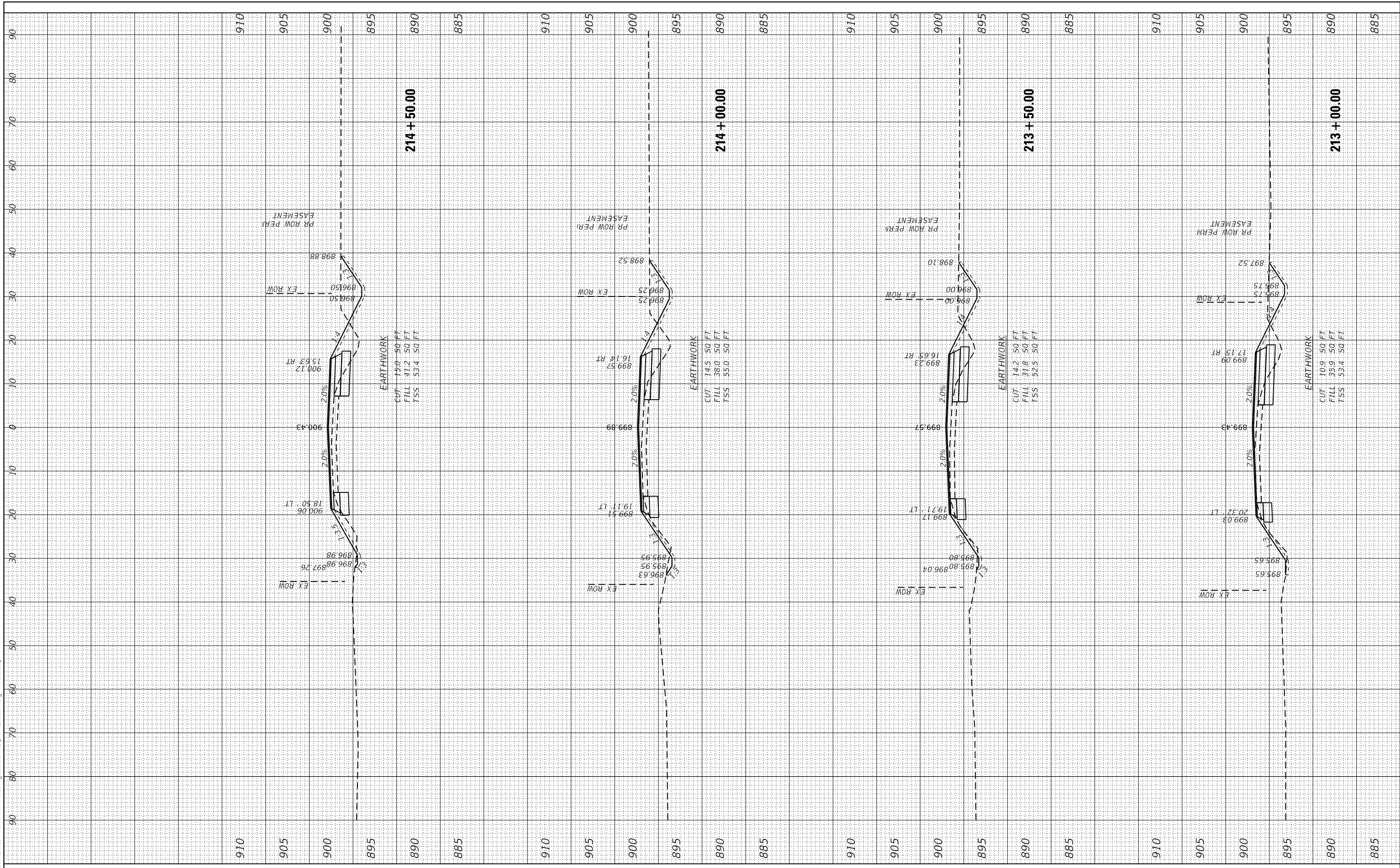
F.A.U. RTE. 5369/ 9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 112
ILLINOIS FED. AID PROJECT			CONTRACT NO.87750	



BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	
	AREAS CHECKED	

FILE NAME = Z:\2020\200154 PeaceRoadFairviewDPR\154-00185-00-00-WR-FairviewDr.dgn



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

USER NAME =	ssundaresan
PLOT SCALE =	1:20
PLOT DATE =	04-12-21

DESIGNED -	KAC	REVISED -	
DRAWN -	SS	REVISED -	
CHECKED -	YOO	REVISED -	
DATE -	12-21-21	REVISED -	

CITY OF DEKALB

**PEACE ROAD AND FAIRVIEW DRIVE  
FAIRVIEW DRIVE CROSS SECTIONS**

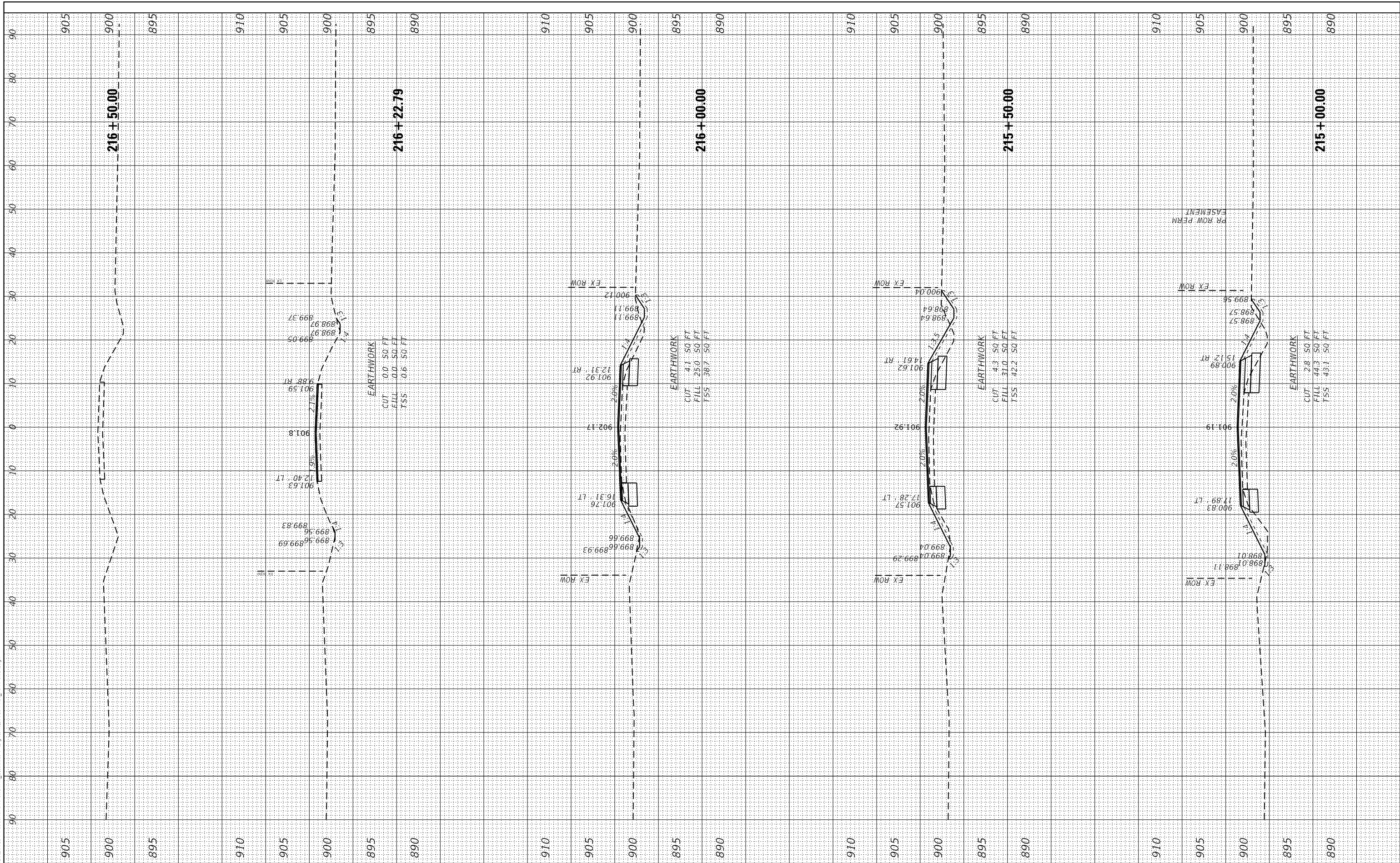
SCALE: H:5 V:2    SHEET 8 OF 10 SHEETS    STA. 213+00.00 TO STA. 214+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369/9700	15-00185-00-WR	DEKALB	117	113
CONTRACT NO.87750				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = Z:\2020\200154 PeaceRdFairViewDrive\154-00154-WR-FairViewDr.dwg



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

USER NAME =	ssundaresan
PLOT SCALE =	1:20
PLOT DATE =	04-12-21

DESIGNED -	KAC
DRAWN -	SS
CHECKED -	YOO
DATE -	12-21-21

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 FAIRVIEW DRIVE CROSS SECTIONS**

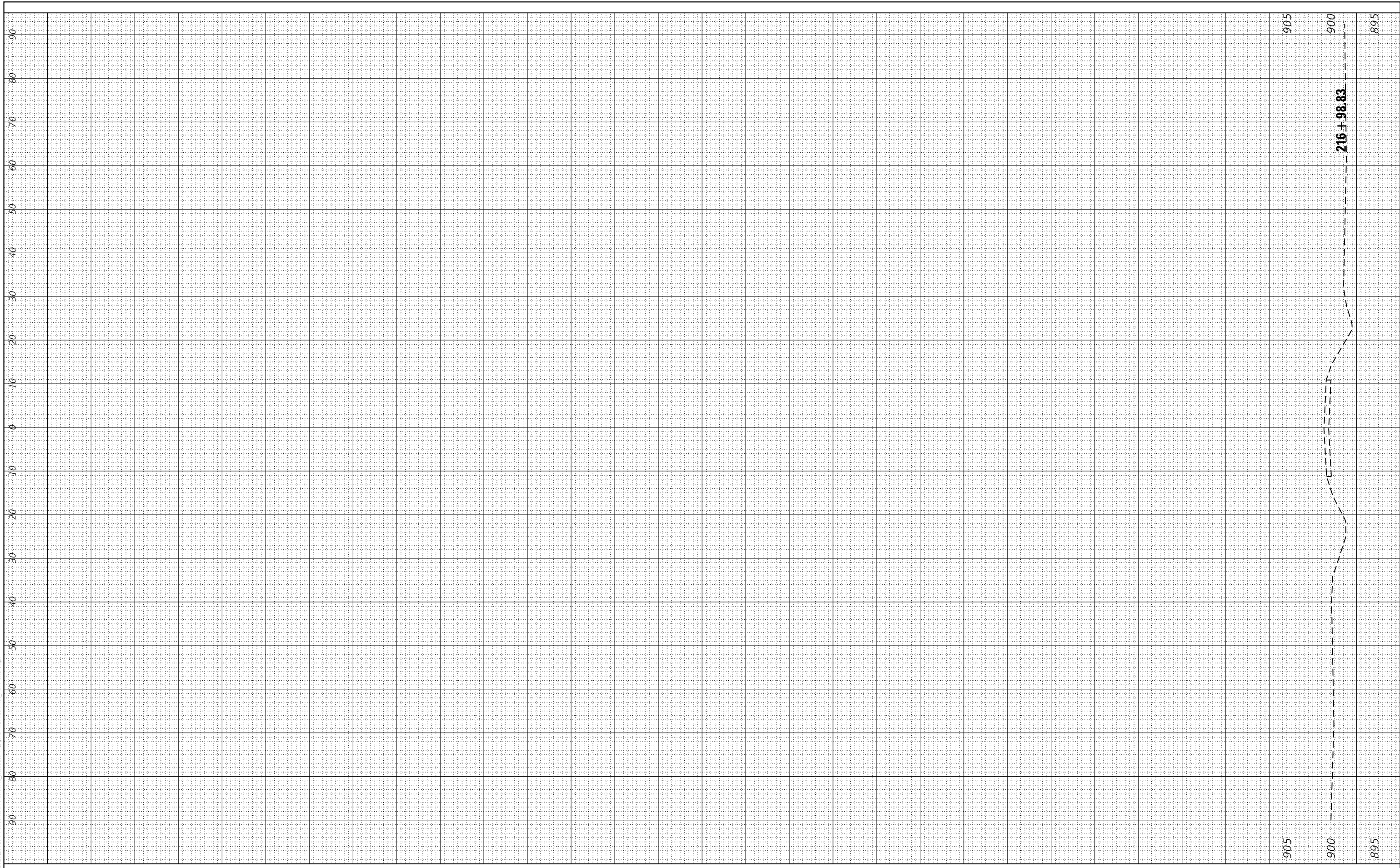
SCALE: H:5 V:2	SHEET 9	OF 10 SHEETS	STA. 215+00.00	TO STA. 216+50.00
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F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 114
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87750	

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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

USER NAME = ssundaresan	DESIGNED - KAC	REVISED -
PLOT SCALE = 1:20	DRAWN - SS	REVISED -
PLOT DATE = 04-12-21	CHECKED - YOO	REVISED -
	DATE - 12-21-21	REVISED -

CITY OF DEKALB

SCALE: H:5 V:2	SHEET 10 OF 10 SHEETS	STA. 216+98.83 TO STA. 216+98.83
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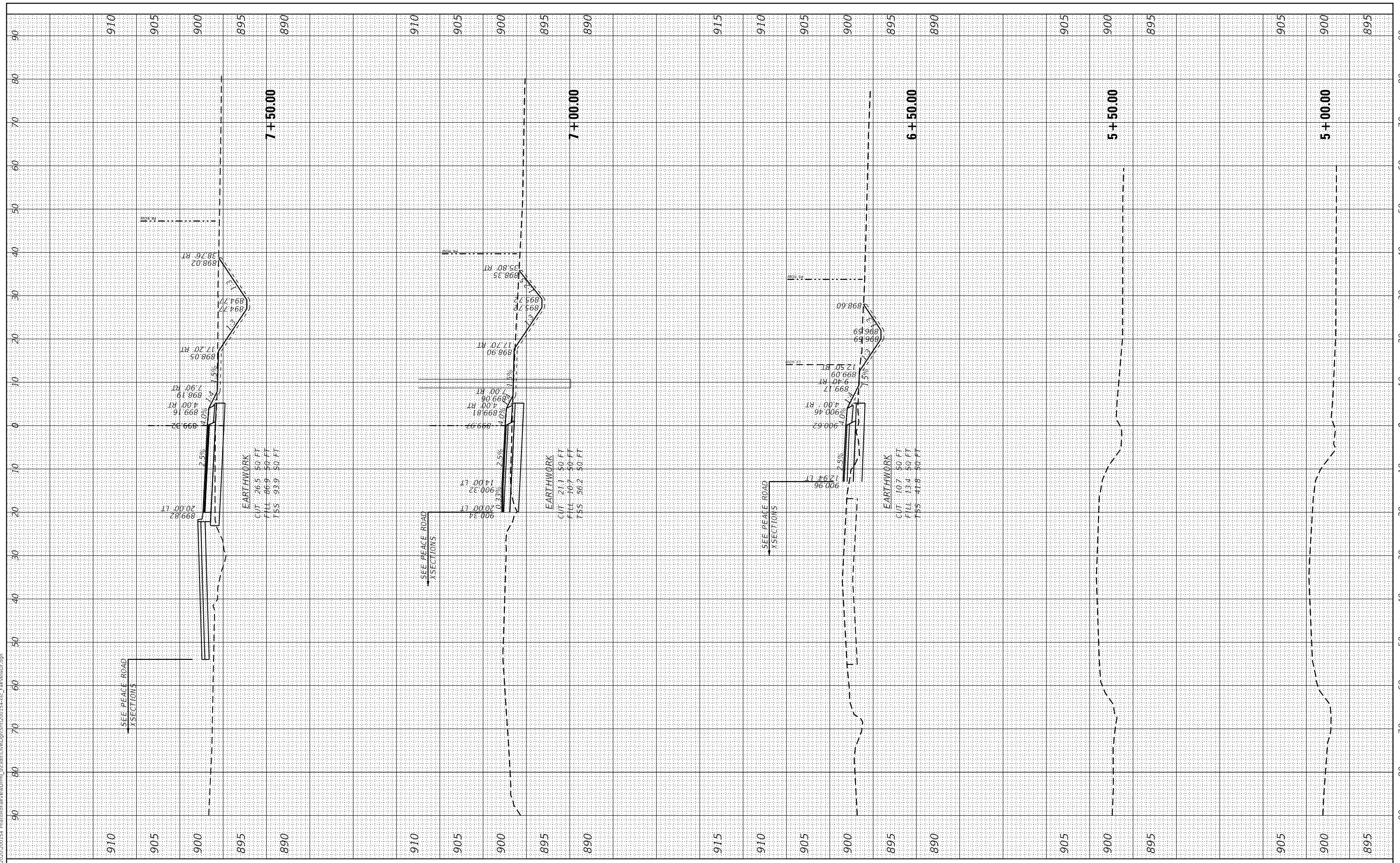
**PEACE ROAD AND FAIRVIEW DRIVE  
 FAIRVIEW DRIVE CROSS SECTIONS**

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 115
CONTRACT NO.87750				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

FILE NAME = Z:\2020\200154 PeaceRdFairVwDPR\15-00185-00-01-14-13-14-FairVwDr.dgn



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

USER NAME = ssoundresan  
 PLOT SCALE = 1:20  
 PLOT DATE = 04-12-21

DESIGNED - KAC  
 DRAWN - SS  
 CHECKED - YOO  
 DATE - 12-21-21

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**CITY OF DEKALB**

**PEACE ROAD AND FAIRVIEW DRIVE  
 FAIRVIEW DRIVE FREE FLOW RIGHT TURN CROSS SECTIONS**

SCALE: H:5 V:2 SHEET 1 OF 2 SHEETS STA. 5+00.00 TO STA. 7+50.00

F.A.U. RTE. 5369/9700	SECTION 15-00185-00-WR	COUNTY DEKALB	TOTAL SHEETS 117	SHEET NO. 116
CONTRACT NO. 87750				
ILLINOIS FED. AID PROJECT				

