04-27-2018 LETTING ITEM 183

SEE SHEET NO. 2

FOR INDEX OF SHEETS AND STATE HIGHWAY STANDARDS

PROJECT LOCATED IN THE CITY OF SYCAMORE

& UNINCORPORATED DEKALB COUNTY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

TRAIL CONNECTION

OLD MILL PARK TO BRICKVILLE ROAD

PROJECT No.: UTLN(716)

SECTION No.: 15-P4005-00-BT

JOB No.: C-93-049-18

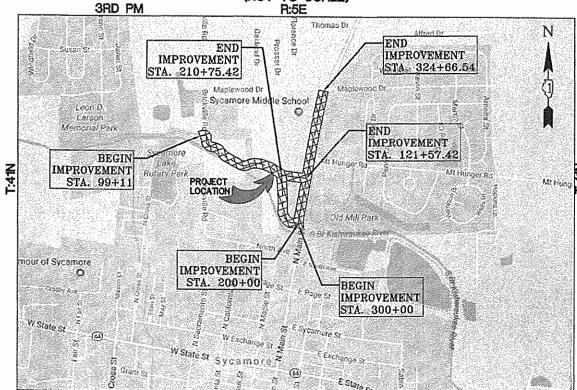
CONTRACT No.: 87685

MULTI-USE TRAIL IMPROVEMENTS

SYCAMORE PARK DISTRICT DEKALB COUNTY

ITEP FUNDING

LOCATION MAP (NOT TO SCALE)



10' 20' 30' -1"= 10'

50' 100' 1"= 50'

50' 100' 1"= 40'

50' 100' -1"= 30'

50' -1"= 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING ST

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

J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT MANAGER: JOHN MAYER, PE PROJECT ENGINEER: ANDREW KUSTUSCH, PE

CONTRACT NO. 87685

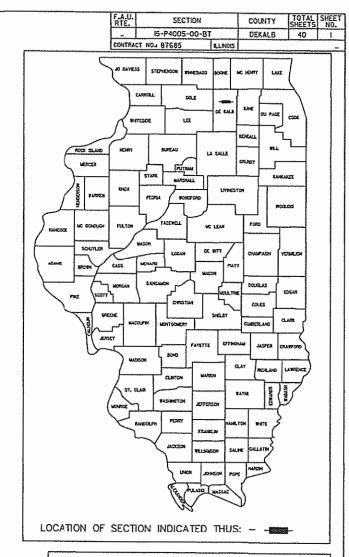
RESOURCE ASSOCIATES
Professional Design Firm No. 184—001188
Explored April 30, 2018

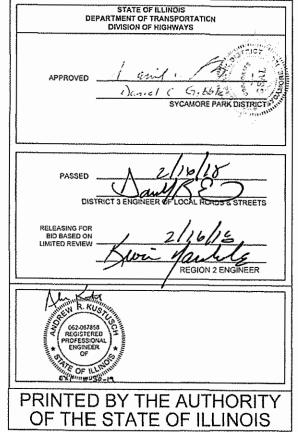
CITY OF SYCAMORE

GROSS LENGTH OF IMPROVEMENT = 5,788 LF (1.096 MILES)

NET LENGTH OF IMPROVEMENT = 5,788 LF (1.096 MILES)

R:5E





- 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION), THE SYCAMORE, ILLINOIS "CITY CODE," AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", (LATEST EDITION). THE EROSION & SEDIMENT CONTROL PRACTICES SHALL BE ACCORDING TO THE ILLINOIS URBAN MANUAL (LATEST EDITION)
- 3. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- 4. ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- 5. UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- 6. DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 7. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRIOR TO UPLAND DISTURBANCE.
- 8. THE CONTRACTOR WILL PERFORM ALL CONSTRUCTION LAYOUT.

TREE REMOVAL & CLEARING

DUE TO THE POTENTIAL PRESENCE OF THE INDIANA BAT AND THE NORTHERN LONG—EARED BAT WITHIN THE PROJECT AREA, TREES SHALL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30.

TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED AND PAID FOR UNDER THE PROVISIONS OF ARTICLE 201.05, TEMPORARY FENCE.

ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE OFFSITE.

TOPSOL

IN GENERAL, TOPSOIL SHALL BE PLACED TO A DEPTH OF 6 INCHES. THE SPECIFICATIONS DENOTE WHICH AREAS SHALL RECEIVE ADDITIONAL TOPSOIL. EXISTING TOPSOIL SHALL BE STOCKPILED AND RE-USED ONSITE.

THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL

TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF THE REGULATORY 100—YEAR FLOODPLAIN; THE LOCATIONS OF TOPSOIL STOCKPILES MUST BE APPROVED BY THE ENGINEER.

STORM SEWERS, STRUCTURES, & UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMAINS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT OR PROTECTION OF THE UTILITY INVOLVED.

THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNER OF THE UTILITY.

ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER; THIS WORK WILL BE PAID AT THE APPLICABLE CONTRACT UNIT PRICE OR IN ACCORDANCE WITH ARTICLE 109.04.

SHOULD THE CONTRACTOR ENCOUNTER ANY DRAIN TILES, THE CONTRACTOR SHALL CONTACT THE OWNER OR ENGINEER IMMEDIATELY. ANY DAMAGES TO TILES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

CITY OF SYCAMORE ALLOWS USE OF ADJUSTING RINGS UP TO 8". ADJUSTMENTS GREATER THAN 8" SHALL BE PERFORMED WITH USE OF A PRECAST BARREL SECTION SEALED WITH FLEXIBLE BUTYL ROPE SEALANT AND CANUSA RAPID SEAL SYSTEM.

HOT-MIX ASPHALT

HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION AND AGGREGATE BASE COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

PAVEMENT STRIPING

ALL PROPOSED SEGMENTS OF THE TRAIL, EXCEPT WHERE NOTED ON THE PLANS, SHALL BE PAINTED WITH A SINGLE SOLID YELLOW PAVEMENT PAINT MARKING, $4^{\prime\prime}$ AT THE CENTERLINE OF THE PATH.

TRENCH BACKFILL

WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE. PATH FXYAVATION

THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING BITUMINOUS MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. IF THE BITUMINOUS MATERIAL IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE TRAINFORM OF THE PROPERTY OF THE PR

THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH ANY TRACKED EQUIPMENT.

ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUBBASE GRANULAR MATERIAL. ALL EMBANKMENT AND SUBGRADE SHOULD BE CONSTRUCTED IN ACCORDANCE WITH SECTION 205 (EMBANKMENT) AND SECTION 300 (SUBGRADES, SUBBASES AND BASE COURSES) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2016, AS WELL AS TO THE SATISFACTION OF THE ENGINEER.

THERE MAY BE AREAS INVOLVING DRAINAGE DITCHES, CULVERT ENTRANCES AND EXITS, AND DEPRESSIONAL PONDED AREAS THAT MAY HAVE DEPOSITS OF UNSUITABLE OR UNSTABLE MATERIAL. THESE AREAS MUST BE PUMPED DRY OF ANY WATER AND ALL UNSUITABLE/UNSTABLE MATERIAL REMOVED BEFORE ANY EMBANKMENT MATERIAL IS PLACED.

	LEGEND	
	EXISTING	PROPOSED
CURB & GUTTER		
EDGE OF PAVEMENT		
STORM SEWER	$-\!\!\!-\!\!\!\!-\!\!\!\!-\!\!\!\!\!-\!\!\!\!\!-\!\!\!\!\!-\!\!\!\!\!-\!\!\!\!$	→
PERIMETER EROSION BARRIER		xxxx
TEMPORARY FENCE		x x
OVERHEAD WIRE	—— ОН ———	
10-YR FLOODPLAIN	10YR	
100-YR FLOODPLAIN	100YR	
FLOODWAY CONTOUR	FW	700
		_
MANHOLE CATCH BASIN	© O	
INLET		•
STEEL END SECTION	⊳	>
CONC END SECTION	>	•
HYDRANT	v V	
HANDHOLE		
UTILITY PEDESTAL	□PED	
UTILITY POLE	-0-	
UTILITY POLE W/STREET LIGHT		
STREET LIGHT		
	, \	
STREET LIGHT CONTROLLER		
SIGN	ъ	<u> </u>
TREE REMOVAL		
TREE TRUNK PROTECTION		
	-17-	Ames !
TREE(DECICOUS)		
STONE RIPRAP		900000EB
STONE INITIAL		
STABILIZED CONSTRUCTION EN	[RANCE	
		<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>
WETLAND	· · · · · · · · · · · · · · · · · · ·	
	L . ч	
ASPHALT TRAIL		
PAVEMENT REMOVAL		
PERMANENT EASEMENT		шшшшшш
TEMPORARY EASEMENT		

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, LEGEND, & HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SHEET KEY PLAN & ALIGNMENT & TIES
6	DEMOLITION PLAN
7-18	PLAN & PROFILES
19-23	PLANTING PLAN
24-25	STRIPING, BOLLARDS, AND SIGNANGE PLAN
26	CONSTRUCTION DETAILS
27-28	EROSION CONTROL NOTES & DETAILS
29-40	CROSS SECTIONS

IDOT HIGHWAY STANDARDS

000001-06 280001-07 542301-03 602011-02	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS TEMPORARY EROSION CONTROL SYSTEMS PRECAST REINFORCED CONCRETE FLARED END SECTION CATCH BASIN TYPE C
602401-04	PRECAST MANHOLE TYPE A 4' (1.22M) DIAMETER
602701-02 604001-04	MANHOLE STEPS FRAME AND LIDS TYPE 1
	GRATE TYPE 8
701001-02	OFF-ROAD OPERATIONS: 2L, 2W, MORE THAN 15 FT. AWAY
701006-05	OFF-ROAD OPERATIONS: 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	LANE CLOSURE, URBAN: 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

SITE BENCHMARKS:

BM #1 CUT SQUARE ON BRIDGE EAST-WEST TRAIL STA. 101+92.59, 53.56'RT ELEV: 830.53 (NAVD 88)

BM #2 SET SPIKE IN EXISTING BIKE PATH MAIN STREET TRAIL STA. 308+97.31, 2.37'LT. ELEV: 828.86 (NAVD 88)

	USER NAME = jkaneko	DESIGNED — AK	REVISED —
ENGINEERING		DRAWN — RT	REVISED —
ENGINEERING RESOURCE ASSOCIATE	PLOT SCALE = \$SCALE\$	CHECKED — JM	REVISED —
REGOGRACE AGGGGIATES	PLOT DATE = 2/15/2018	DATE - 08/04/17	REVISED —
		, ,	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

1	GENERAL NOTES, INDEX OF SHEETS, LEGEND					F.A.U. RTE. SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
ı	AND HIGHWAY STANDARDS				_	15-P400	5-00-B	Т	DEKALB	40	2
ļ								CONTRACT	NO. 8	7685	
l	SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. R	DAD DIST. NO	ILLINOIS		FED. AID PROJEC	T UTLN (7	16)

SUMMARY OF QUANTITIES

SPECIAL PROVISIONS	CODE NUMBER	ITEM	UNIT OF MEASURE	QUANTITY	Construction Code 0028 Federal 80%/Local 20%
Х	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	27	27
Х	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24	24
	20101000	TEMPORARY FENCE	FOOT	2,423	2,423
Δ	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	1	1
X	20200100	EARTH EXCAVATION	CU YD	2,060	2,060
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,220	1,220
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6,936	6,936
Х	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,201	1,201
Δ	25000110	SEEDING, CLASS 1A	ACRE	0.75	0.75
Δ	25000210	SEEDING, CLASS 2A	ACRE	1.75	1.75
Δ	25000312	SEEDING, CLASS 4A	ACRE	0.25	0.25
Δ	25000314	SEEDING, CLASS 4B	ACRE	0.25	0.25
Δ	25100630	EROSION CONTROL BLANKET	SQ YD	14,520	14,520
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,000	1,000
	28000400	PERIMETER EROSION BARRIER	FOOT	10,607	10,607
	28000500	INLET AND PIPE PROTECTION	EACH	11	11
	28100105	STONE RIPRAP, CLASS A3	SQ YD	142	142
Х	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3,468	3,468
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQYD	9	9
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	16,468	16,468
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,647	1,647
Х	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,084	1,084
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQFT	80	80
	42400800	DETECTABLE WARNINGS	SQFT	36	36
X	44000100	PAVEMENT REMOVAL	SQYD		
^ 1	44000100	LVATIMITIA I VEIMOANT	3Q TD	2,056	2,056

SPECIAL PROVISIONS	CODE NUMBER	ITEM	UNIT OF MEASURE	QUANTITY	Construction Code 0028 Federal 80%/Local 20%
	44000600	SIDEWALK REMOVAL	SQFT	170	170
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	17	17
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1
	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	296	296
	550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	97	97
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	3	3
	60220200	MANHOLES, TYPE A, 4'-DIAMETER	EACH	1	1
	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
	67100100	MOBILIZATION	L SUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
Δ	72000100	SIGN PANEL - TYPE 1	SQFT	60	60
Δ	72900100	METAL POST - TYPE A	FOOT	66	66
Δ	72900200	METAL POST - TYPE B	FOOT	54	54
Δ	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5,749	5,749
Δ	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	160	160
Х	Z0004002	BOLLARDS	EACH	4	4
X	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQYD	162	162
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
1	X0300249	REMOVE EXISTING GATE	EACH	1	1
×Δ	X0323013	TUBULAR STEEL GATE	EACH	1	1
× V	X0325714	FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION	EACH	2	2
Х	X0350805	FOLD DOWN BOLLARDS	EACH	2	2
X	X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	2,908	2,908
X	XX007860	AGGREGATE BASE COURSE, SPECIAL	SQ YD	7,301	7,301

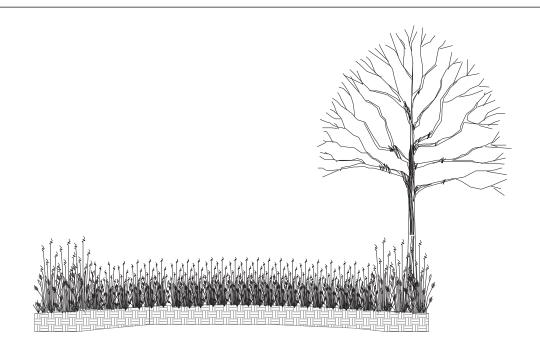
A SPECIALTY ITEMS

(I)	ENGINEERING RESOURCE ASSOCIATES
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Ì	USER NAME = jkaneko	DESIGNED	 AK	REVISED	
ı	,		 		
ı		DRAWN	 RT	REVISED	
	PLOT SCALE = \$SCALE\$	CHECKED	 JM	REVISED	
	PLOT DATE = 2/15/2018	DATE	 08/04/17	REVISED	 **********

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

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	CHMMADY OF CHANTITIES			SECTION	COUNTY	TOTAL SHEETS	SHEET ,	rePar
SUMMARY OF QUANTITIES				15-P4005-00-BT	DEKALB	40	3	owi
					CONTRACT	NO. 8	7685	Š
N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. R	OAD DIST. NO ILLINOIS FED. AI	D PROJECT UTLN	(716)		ï

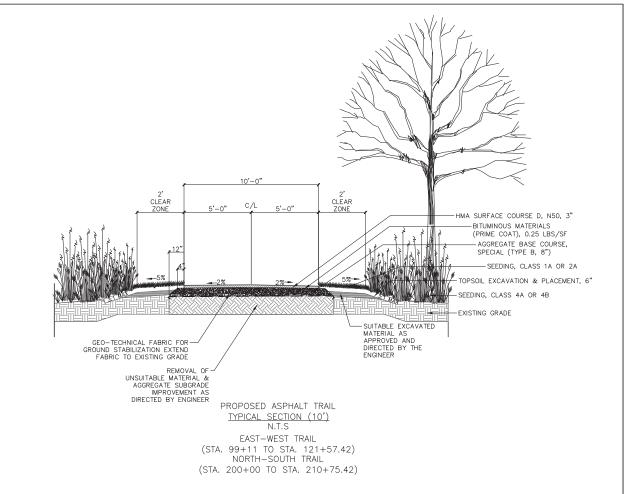


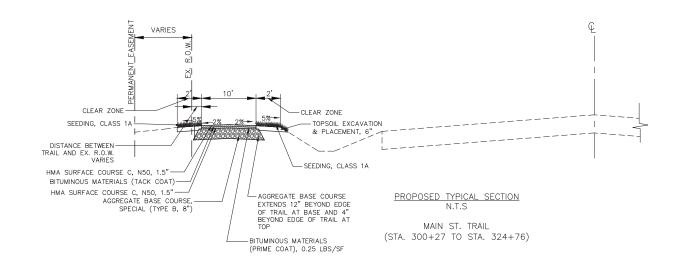
EXISTING TYPICAL SECTION N.T.S

EAST-WEST TRAIL
(STA. 99+09 TO STA. 121+57)
NORTH-SOUTH TRAIL
(STA. 200+00 TO STA. 210+76)



*NOTE: PAVEMENT CORES FOR EXISTING
TRAIL ARE NOT AVAILABLE, AND ASPHALT
AND AGGREGATE BASE COURSE DEPTHS
SHOWN ARE ASSUMED. UNIT PRICES WILL
NOT BE ADJUSTED BASED ON THE ACTUAL
DEPTH OF THE EXISTING TRAIL MATERIALS.



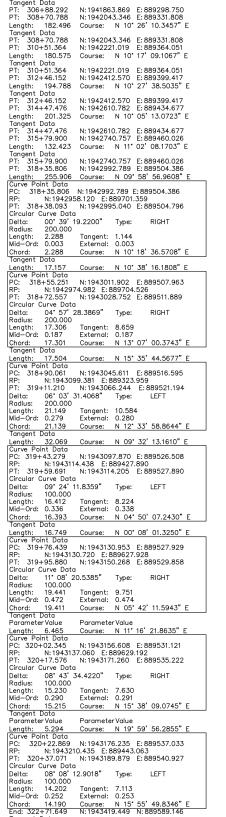


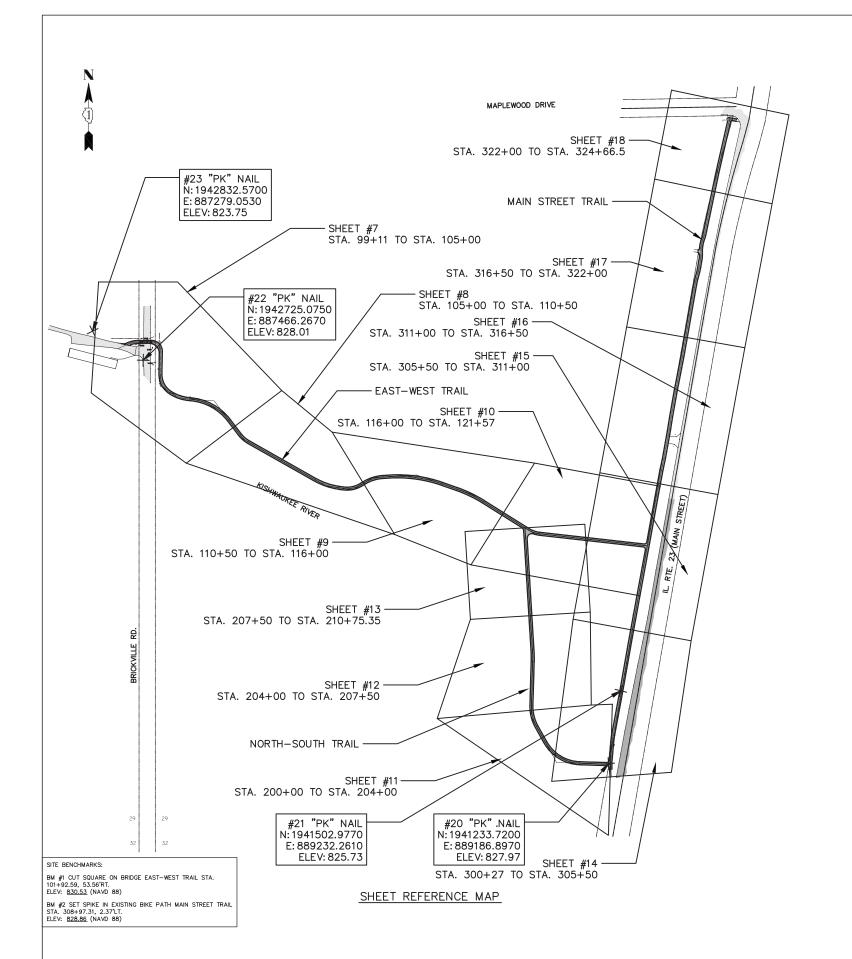
ENGINEERING	Г
RESOURCE ASSOCIATES	
TREGOCITOE AGGOGIATES	Г

	USER NAME = akustusch	DESIGNED	_	AK	REVISED	_	
1		DRAWN	_	RT	REVISED	_	
3	PLOT SCALE = \$SCALE\$	CHECKED	_	JM	REVISED	_	
	PLOT DATE = 2/16/2018	DATE	_	08/04/17	REVISED	_	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	rePor
TYPICAL SECTIONS			15-P4005-00-BT	DEKALB	40	4	8
				CONTRACT	NO. 8	7685	Š
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. RO	DAD DIST. NO ILLINOIS FED. AI	D PROJECT L	JTLN(716)		4





Alignment: East-West Path Start: 99+11.040 N:1942782.576 E:887405.732 Length: 3.304 Course: N 65° 45′ 46.6089″ E E:887/4US.73Z
Length: 3.304
Curve Point Data
PC: 99+14.344
RP: 1942692.747
R8749.792
RP: 1942692.747
R87449.793
Circular Curve Data
Delta: 2.4*13* 46.0600"
Type: RIGHT
Radius: 100.000
Length: 42.288
Tangent: 21.465
Mid-Ord: 2.227
Chord: 41.974
Course: N 77* 52* 39.6389" E
Tangent: Data
Length: 48.912
Curve Point Data
PC: 100+05.545
RP: 1942767.753
RP: 1942767.753
RP: 1942766.884
E:887523.683
Circular Curve Data
Delta: 92* 00* 00.0000"
Type: RIGHT
Radius: 25.000
Length: 40.143
Delta: 25.000
Length: 40.143
Mid-Ord: 7.634
External: 2.5.888
Mid-Ord: 35.967
Course: S 44* 00* 27.3311" E Curve Point Data
P.C. 114+05.397 N:1942248.992 E:888624.971
RP: N:1941777.134 E:888459.593
PT: 115+15.998 N:1942201.211 E:888724.468
Circular Curve Data
Delta: 12' 40' 26.1985" Type: RiGHT
Radius: 500.000
Length: 110.601 Tangent: 55.527
Mid-Ord: 3.055 External: 3.074 Mid-Ord: 7.6.34 External: 10.989
Chord: 35.987 Course: \$ 44" 00" 27.3311" E
Tangent Data
Length: 74.554 Course: \$ 01" 59" 32.6689" W
Curve Point Data
PC: 101+20.241 N:1942692.376 E:887521.091
RP: 1942688.899 887621.031
PT: 102+22.768 N:1942692.376 E:887566.203
Circular Curve Data
Delta: \$58" 44" 36.4245" Type: LEFT
Radius: 100.000
Length: 102.527 Tangent: 56.282
Mid-Ord: 12.854 External: 14.750
Chord: 98.095 Course: \$ 27" 22" 45.5433" E
Tangent Data Curve Point Data
PT: 1174-11.035
RP: N:1942182.706 E:8888942.864
PT: 1174-55.744
N:1942083.323 E:888931.766
Curve Point Data
Delta: 25' 37' 00.3282" Type: LEFT
Radius: 100.000
Length: 44.710 Tangent: 22.735
Mid-Ord: 2.488 External: 2.552
Mid-Ord: 2.488 External: 2.552
Mid-Ord: 2.488 Course: S 70' 49' 11.4257" Chord: 98.095 Course: S 27 22 45.5433" E
Tangent Data
Length: 0.000 Course: S 56 45 03.7617" E
Curve Point Data
PC: 1024-22.768 N:1942605.269 E:887566.203
RP: N:1942730.713 E:887648.445
PT: 1024-99.557 N:1942581.064 E:887638.197
Circular Curve Data
Delta: 29' 19' 53.8376" Type: LEFT
Radius: 149.999
Length: 76.789 Tangent: 39.256
Mid-Ord: 4.887 External: 5.052
Chord: 75.954 Course: S 71' 25' 00.6744" E
Tangent Data Start: 200+00.000 N: 1941231.643 E: 889194.152 P.C.: 201+14.337 N: 1941235.032 E: 889079.865 RP: N: 1941384.966 E: 889084.310 PT: 202+69.138 N: 1941311.850 E: 888953.337 Circular Curve Data Delta: 59° 07° 45.9088" Type: RIGHT Radius: 150.000 Length: 154.800 Tangent: 85.090 Mid-Ord: 19.530 Tangent: 85.090 Mid-Ord: 148.022 Tangent Data Start: 202+69.138 N: 1941311.850 E: 888953.337 End: 203+36.792 N: 1941370.923 E: 888920.359 Length: 67.654 Curve: Point Data PC: 203+36.792 N: 1941370.923 E: 888920.359 RP: N: 1941440.39 E: 888920.359 RP: N: 1941440.39 E: 888953.337 | Chord: 75.954 | Course: S 71" 25" 00.6744" E | Tangent Data | Length: 0.000 | Course: S 86" 04" 57.5631" E | Curve Point Data | PC: 102+99.558 | N:1942581.064 | E:887638.197 | RP: N:1942581.532 | E:887624.534 | PT: 104+69.900 | N:1942502.682 | E:887783.664 | Circular Curve Data Delta: 48" 47" 58.2369" | Type: RIGHT | Radius: 200.000 | Length: 170.342 | Tangent: 90.723 | Mid-Ord: 17.863 | External: 19.615 | Chord: 165.240 | Course: S 61" 40" 58.4748" E | Tangent Data PC: 203+36.792 N:1941370.923 E:888920.359 RP: N:1941444.40.39 E:889051.333 PT: 204+17.376 1941448.249 888901.392 Circular Curve Data Delta: 30' 46' 50.8607" Type: RIGHT Radius: 150.000 Length: 80.584 Tangent: 41.290 Mid-Ord: 5.379 External: 5.579 Chord: 79.618 Course: N 13' 46' 54.9994" W Tangent Data Chord: 165,240 Course: S 61* 40* 58.4748" E
Tangent Data
Length: 66,706 Course: S 37* 16* 59.3563" E
Curve Point Data
PC: 105+36.606 N:1942449.608 E:887824.072
RP: N:1942510.183 E:887903.637
PT: 105+77.102 N:1942423.160 E:887854.373
Circular Curve Data
Delta: 23* 12* 08.3107" Type: LEFT
Radius: 100.000
Length: 40.496 Tangent: 20.529
Mid-Ord: 2.043 External: 2.085
Chord: 40.220 Course: S 48* 53* 03.5117" E
Tangent Data
Length: 283.743 Course: S 60* 29* 07.6670" E
Curve Point Data Mia-Unit 79.618 Course: N. C. Tangent Data
Length: 162.091 Course: N 01° 36° 30.4309" E Tangent Data
Length: 162.091 Course: N 01' 36' 30.4309" E
Curve Point Data
PC: 205+79.467 N:1941610.277 E:888905.942
RP: N:1941624.311 E:888406.139
PT: 206+24.017 N:1941654.806 E:888905.208
Circular Curve Data
Delta: 05' 06' 18.3162" Type: LEFT
Radius: 500.000
Length: 44.550 Tangent: 22.290
Mid—Ord: 0.496 External: 0.497
Chord: 44.536 Course: N 00' 56' 38.7272"
W Length: 283.743 Course: S 60° 29° 07.6670° E Curve Point Data PC: 108+60.845 N:1942283.375 E:888101.295 RP: N:1942500.933 E:888224.456 PT: 109+53.364 N:1942253.558 E:888188.320 Circular Curve Data Delta: 21° 12° 12.9122" Type: LEFT Radius: 250.000 Length: 92.518 Tangent: 46.794 Mid-Ord: 4.268 External: 4.342 W Tangent Data Start: 206+24.017 N:1941654.806 E:888905.208 End: 210+75.350 N:1942105.299 N:888877.681 Length: 451.333 Course: N 03* 29* 47.8853* Chord: 91.991 Course: S 71 05 14.1231 E
Tangent Data
Length: 17.101 Course: S 81 41 20.5792 E
Curve Point Data
P.C. 1094-70.465 N:1942251.086 E:888205.241
RP: N:19424350.036 E:888219.696
PT: 1104-79.823 N:1942264.707 E:888271.839
Circular Curve Data
Delta: 39 44 21.8446" Type: LEFT
Radius: 100.000
Length: 69.358 Tangent: 36.140
Mid-Ord: 5.953 External: 6.330
Chord: 67.976 Course: N 78 26 28.4985" E
Tangent Data Chord: 91.991 Course: S 71* 05* 14.1231" E Start: 300+00.000 N:1941184.851 E:889197.708
Length: 55.092 Course: N 04° 20' 46.6870" W
Tangent Data
Start: 300+55.092 N:1941239.784 E:889193.533
Length: 80.232 Course: N 05° 06' 00.8896" E
Curve Point Data
P.C. 301+35.323 N:1941319.698 E:889200.666
RP: N:1941301.918 E:889399.874
PT: 301+54.452 N:1941338.641 E:889203.274
Circular Curve Data
Circular Curve Data
Delta: 05° 28' 47.9644" Type: RIGHT
Radius: 200.000
Length: 19.129 Tangent: 9.572
Mid-Ord: 0.229 External: 0.229
Chord: 19.121 Course: N 07° 50' 24.8719" E Chord: 67.976 Course: N 78 26 28.4985 E Tangent Data
Length: 13.454 Course: N 58* 34* 17.5762" E Curve Point Data
P.C. 110+53.278 N:1942271.723 E:888283.320
RP: N:1942143.729 E:888361.535
PT: 111+26.582 N:1942293.460 E:888352.565
Circular Curve Data Chord: 19.121 Course: N 07 50 24.8719" E Tangent Data Length: 165.676 Course: N 10' 34' 48.8541" E Tangent Data PT: 303+20.128 N:1941501.500 E:889233.694 PT: 305+04.571 N:1941683.146 E:889265.695

Circular Curve Data
Delta: 28 00' 01.0492" Type: RIGHT
Radius: 150.000
Length: 73.305 Tangent: 37.400
Mid-Ord: 4.456 External: 4.592
Chord: 72.577 Course: N 72' 34' 18.1008" E Tangent Data Length: 23.950 Course: N 86° 34' 18.6254" E

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

KEY PLAN ALIGNMENT AND TIES SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

Chord: 19.121 Course: N 07* 50' 24.8719" E

Length: 184.443 Course: N 09* 59' 28.8548" E

Curve Point Data
P.C. 111+50.532
N:1942294.893
E:888376.472
RP:
N:1941795.787
E:888406.371
PT: 113+49.000
N:1942267.646
E:888571.748
Circular Curve Data
Delta:
22' 44' 33.9144"
Type:
RIGHT
Radius:
500.000
Length:
198.468
Tangent:
100.558
Mid-Ord:
9.815
External:
10.012

Chord: 197.168 Course: S 82° 03′ 24.4174″ E
Tangent Data

Chord: 110.376 Course: S 64° 20' 54.3609"

angent Data ength: 195.037 Course: S 58* 00' 41.2616"

Chord: 44.338 Course: S 70° 49' 11.4257"

Tangent Data
End: 121+57.419 N:1942038.746 E:889330.960
Length: 401.675 Course: S 83* 37' 41.5898"

Alignment: North-South

Alignment: East-West Path CONT.

Tangent Data PT: 305+04.571 PT: 306+88.292 Length: 183.721

N.1941683.146 E.889265.695 N:1941863.869 E:889298.750

Course: N 10° 21' 54.4256" I

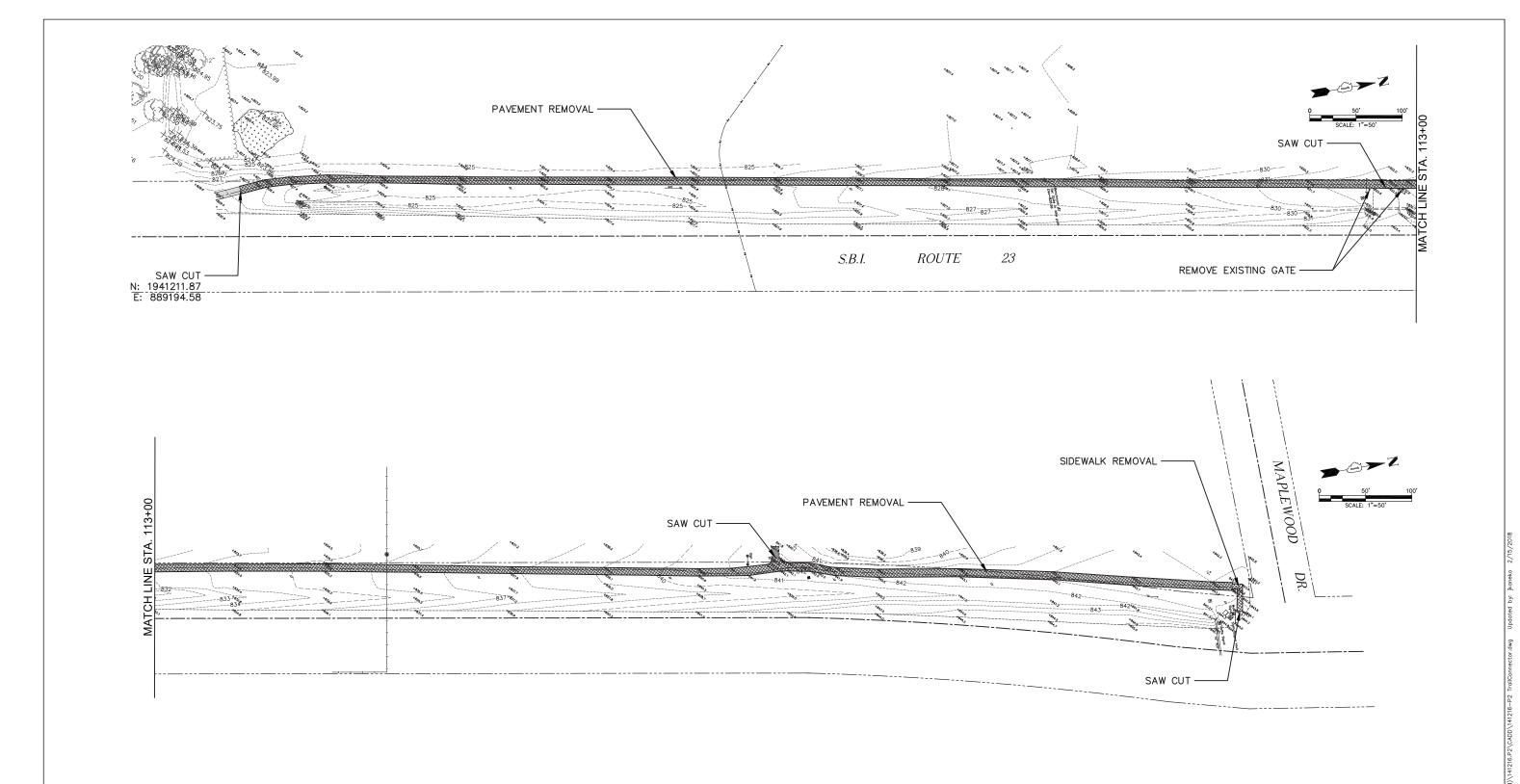
COUNTY 15-P4005-00-BT CONTRACT NO. 87685 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT UTLN(716)

Length: 234.578 Course: N 11° 51′ 43.3838″ E
Tangent Data
Start: 322+71.649 N:1943419.449 E:889589.146
End: 324+66.538 N:1943609.465 E:889632.454
Tangent Data
Length: 194.889 Course: N 12° 50′ 21.0977″ E

Tangent Data

USER NAME = jkaneko

DESIGNED — AK

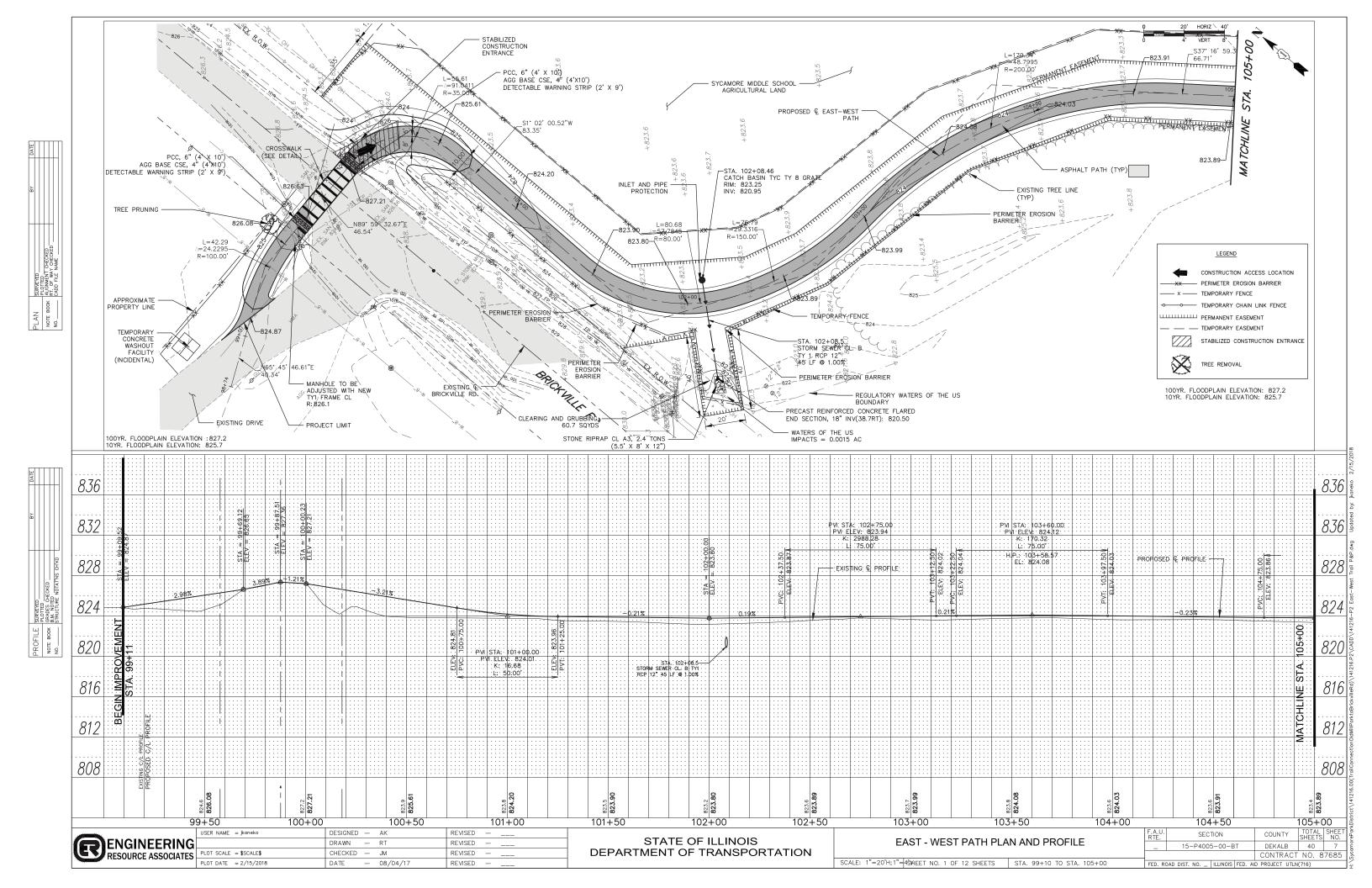


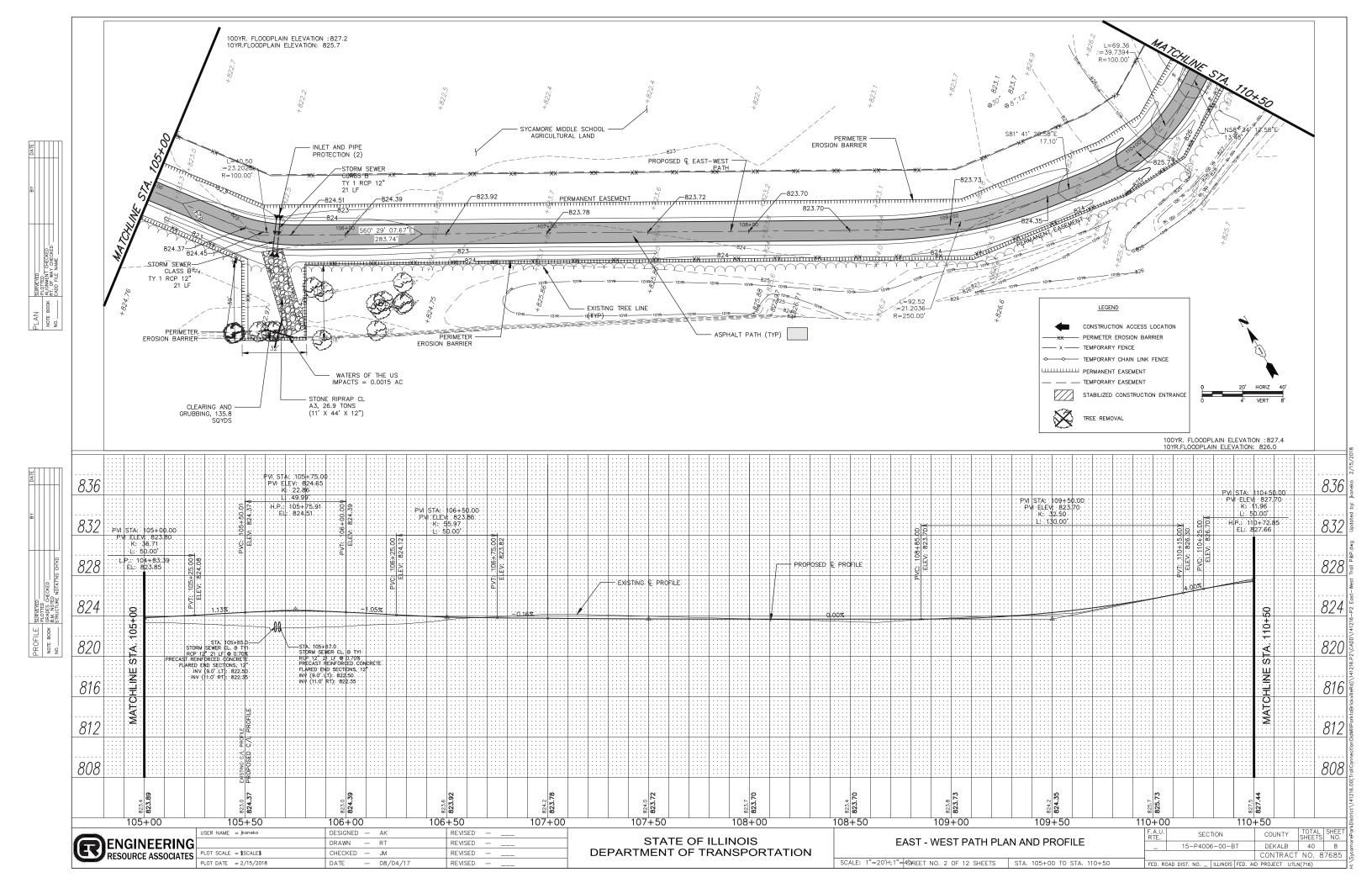
ENGINEERING	
RESOURCE ASSOCIATES	
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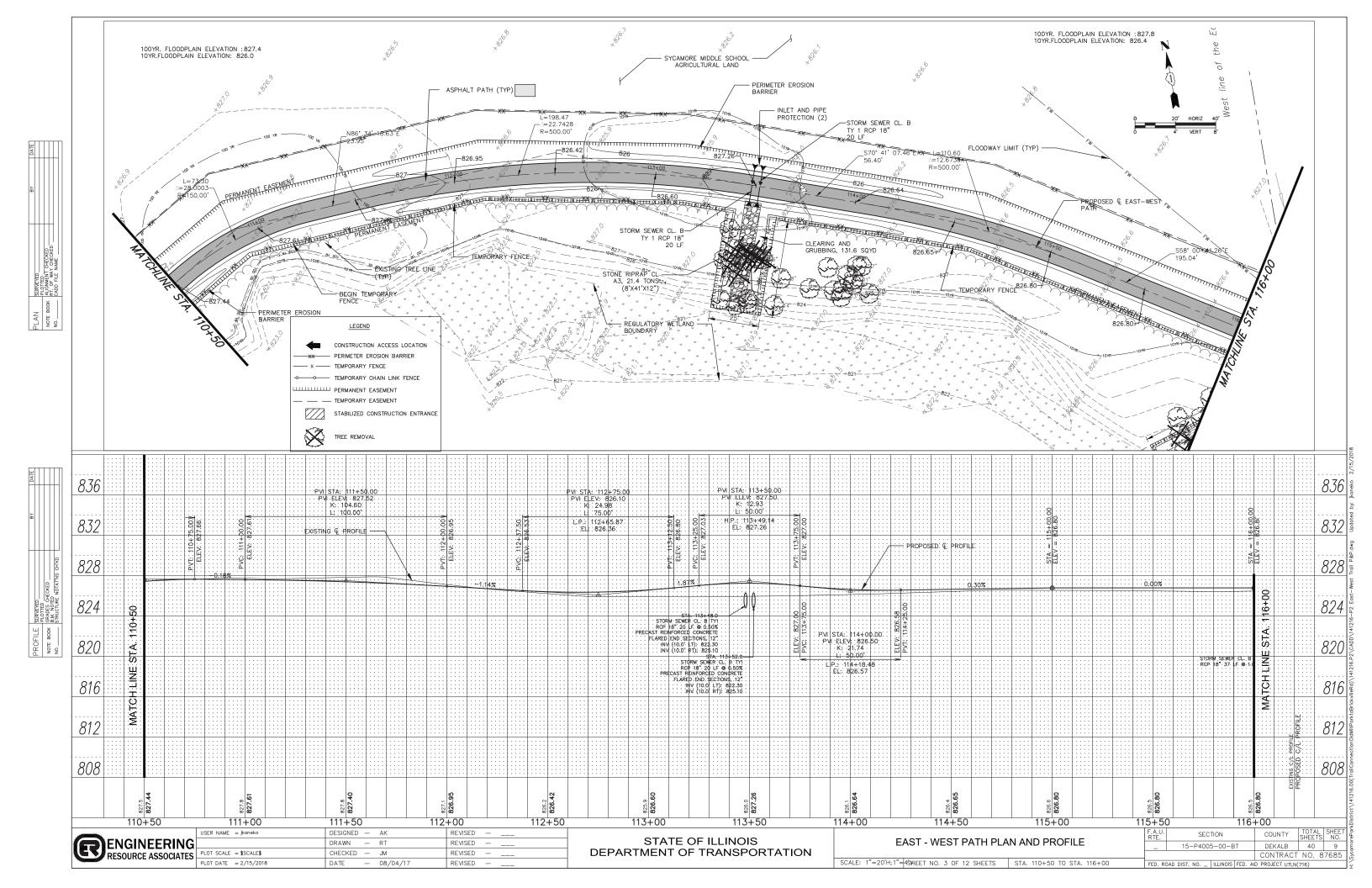
	USER NAME = jkaneko	DESIGNED	_	AK	REVISED	_	
G		DRAWN	_	RT	REVISED	_	
	PLOT SCALE = \$SCALE\$	CHECKED	_	JM	REVISED	_	
	PLOT DATE = 2/15/2018	DATE	_	08/04/17	REVISED	_	

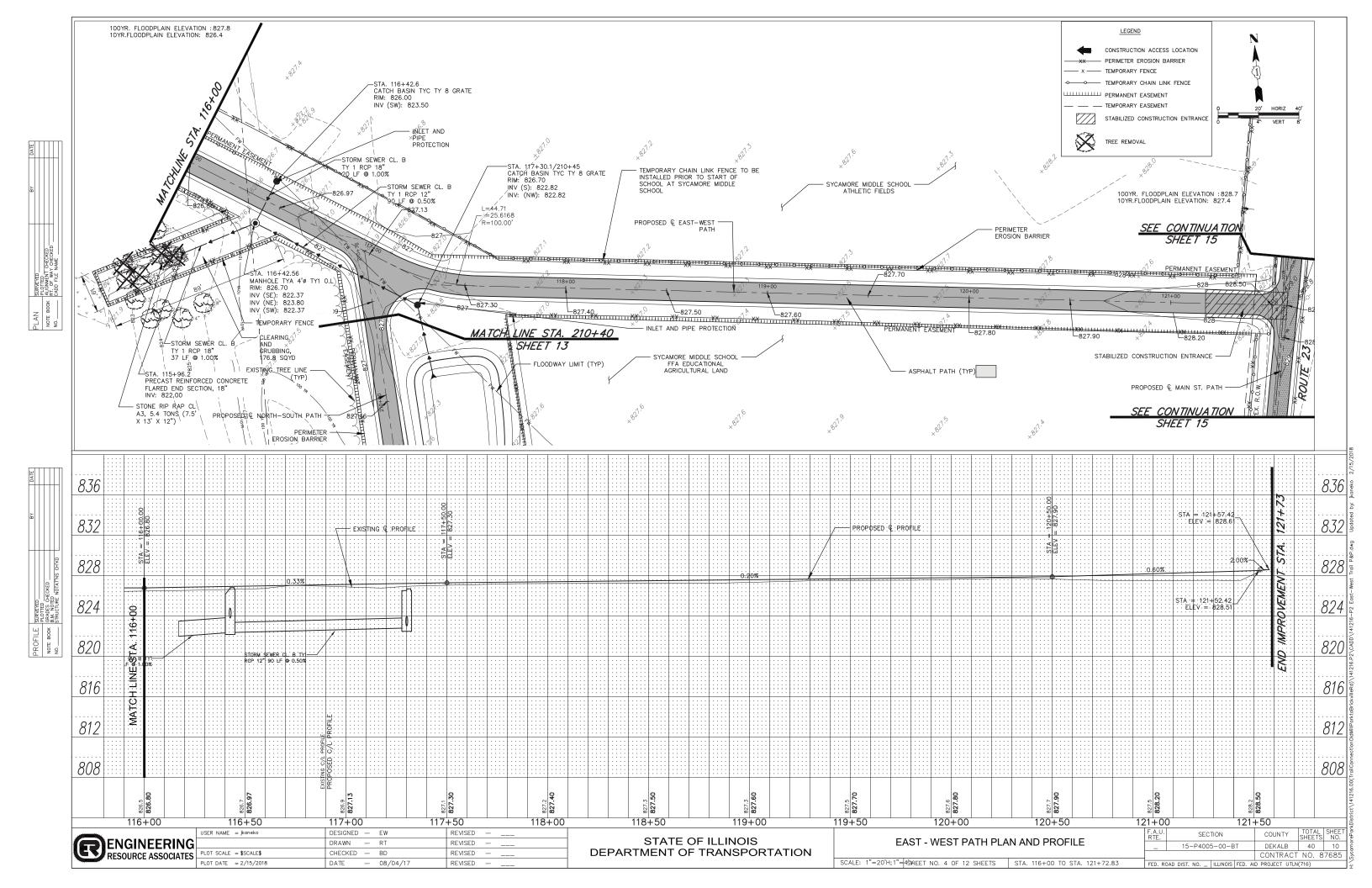
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

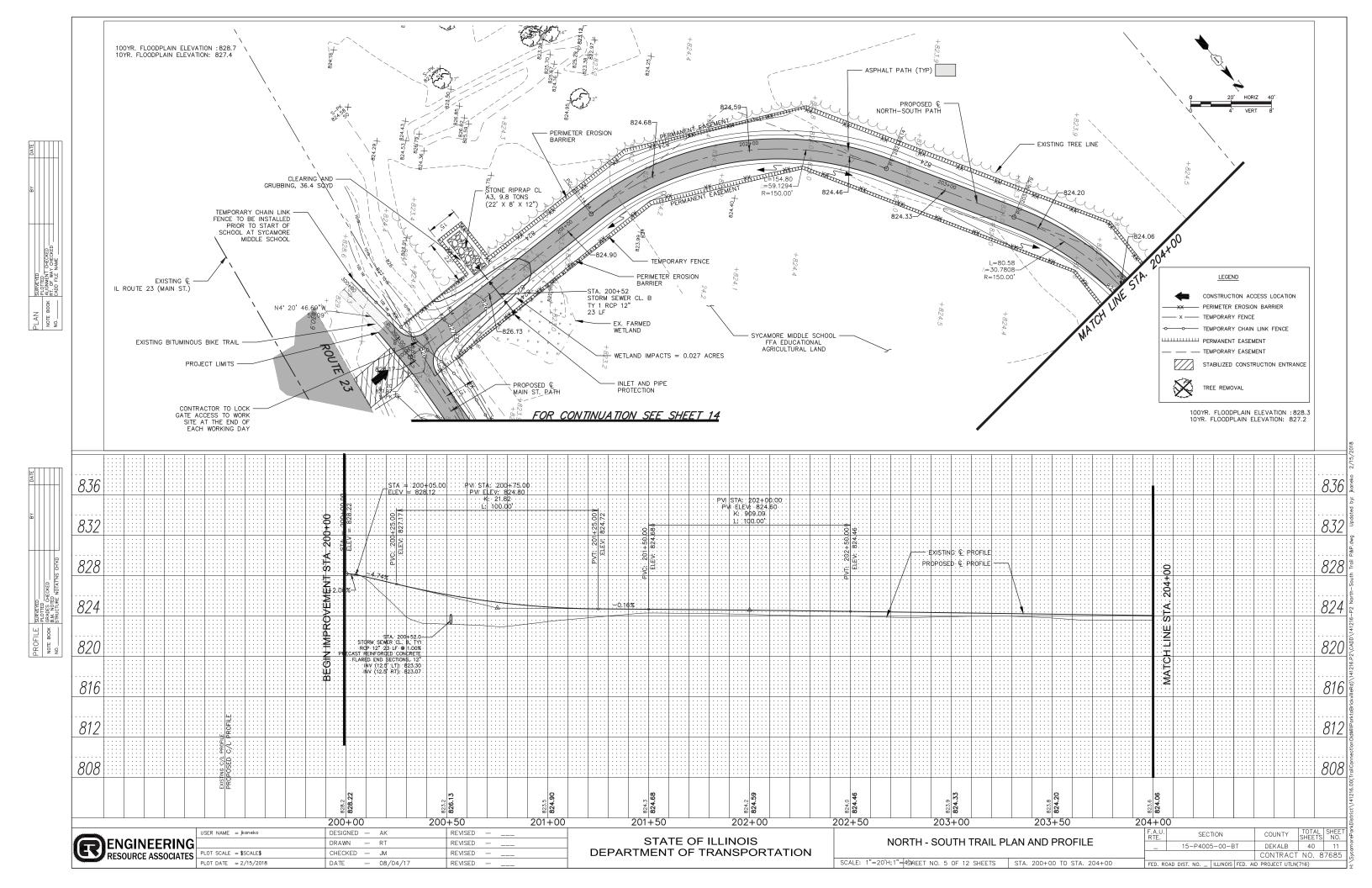
DEMOLITION DI ANI					SECTION	COUNTY	SHEETS
	DEMOLITION PLAN			_	15-P4005-00-BT	DEKALB	40
					CONTRACT	NO. 8	
	SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA. 300+27 TO STA. 324+76	FED. RO	DAD DIST. NO ILLINOIS FED. A	D PROJECT UTLN	l(716)

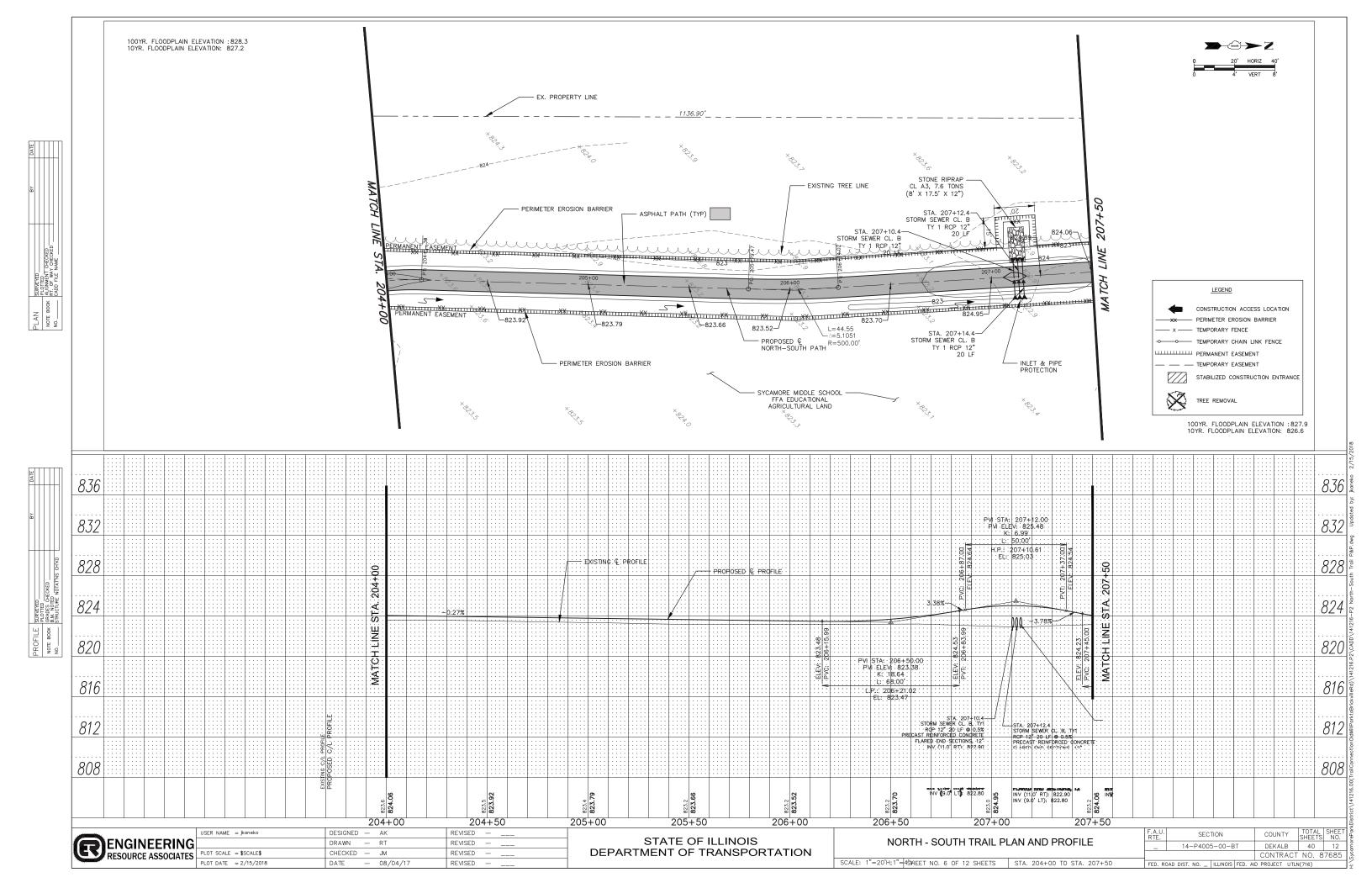


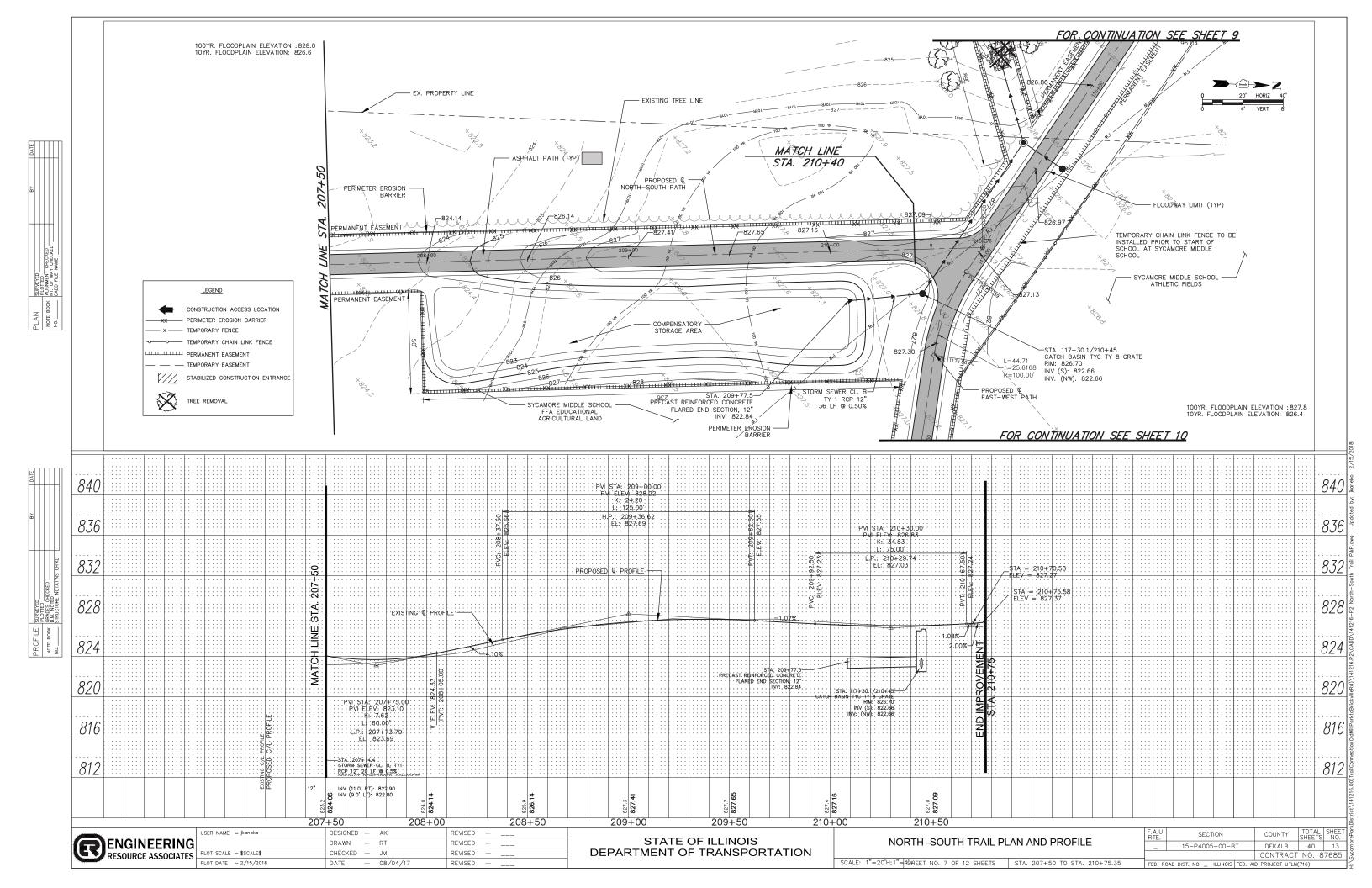


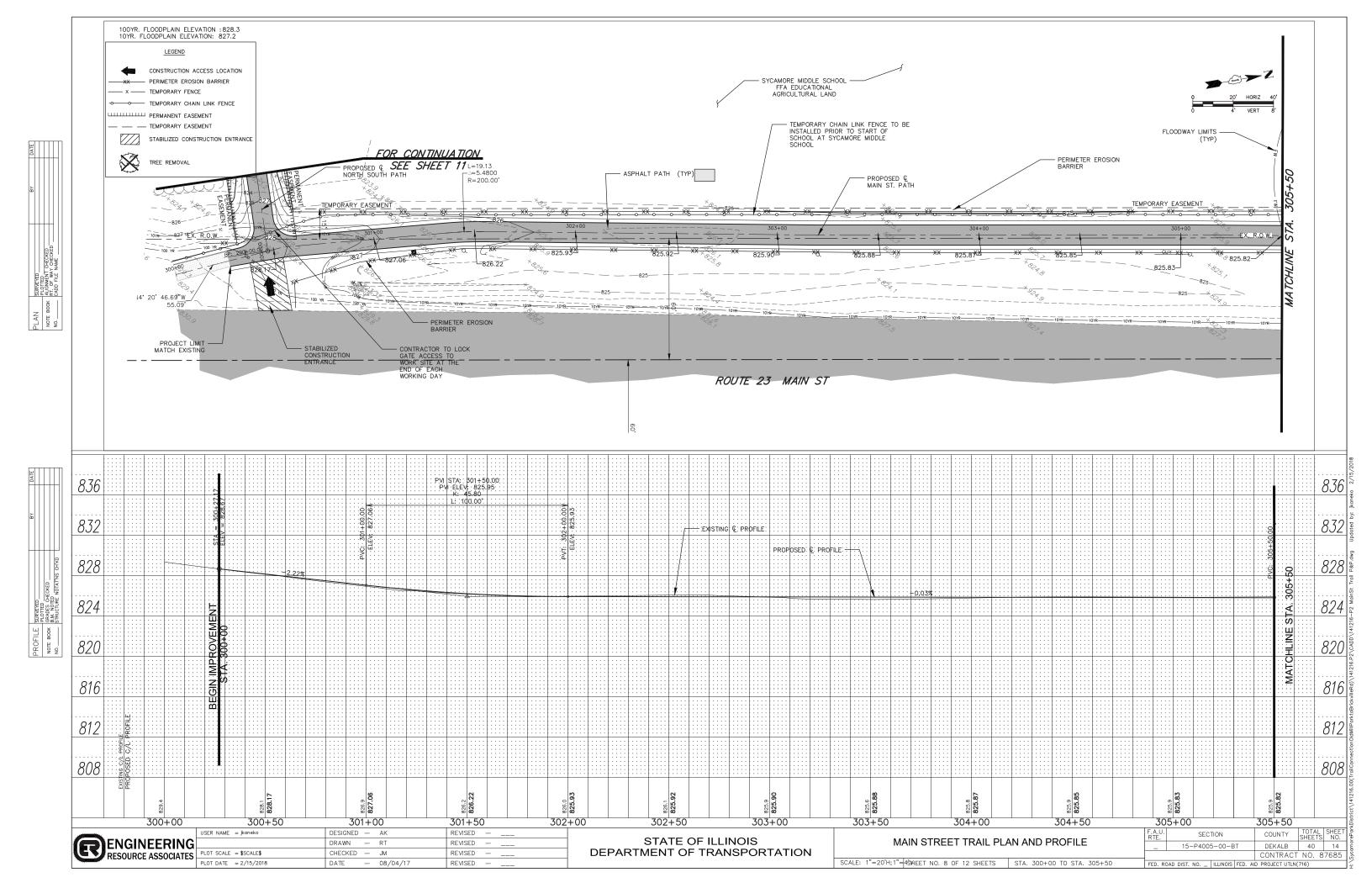


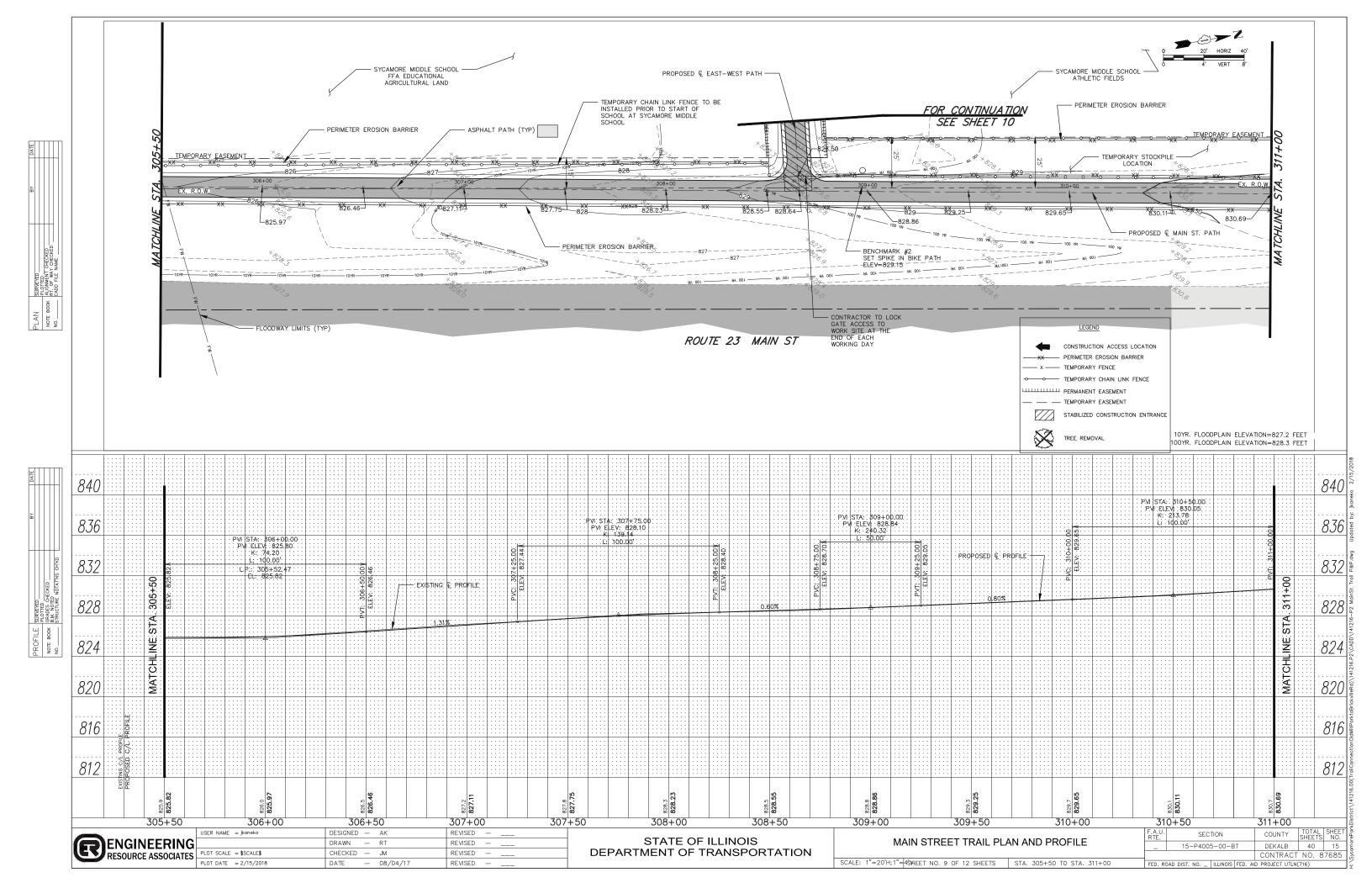


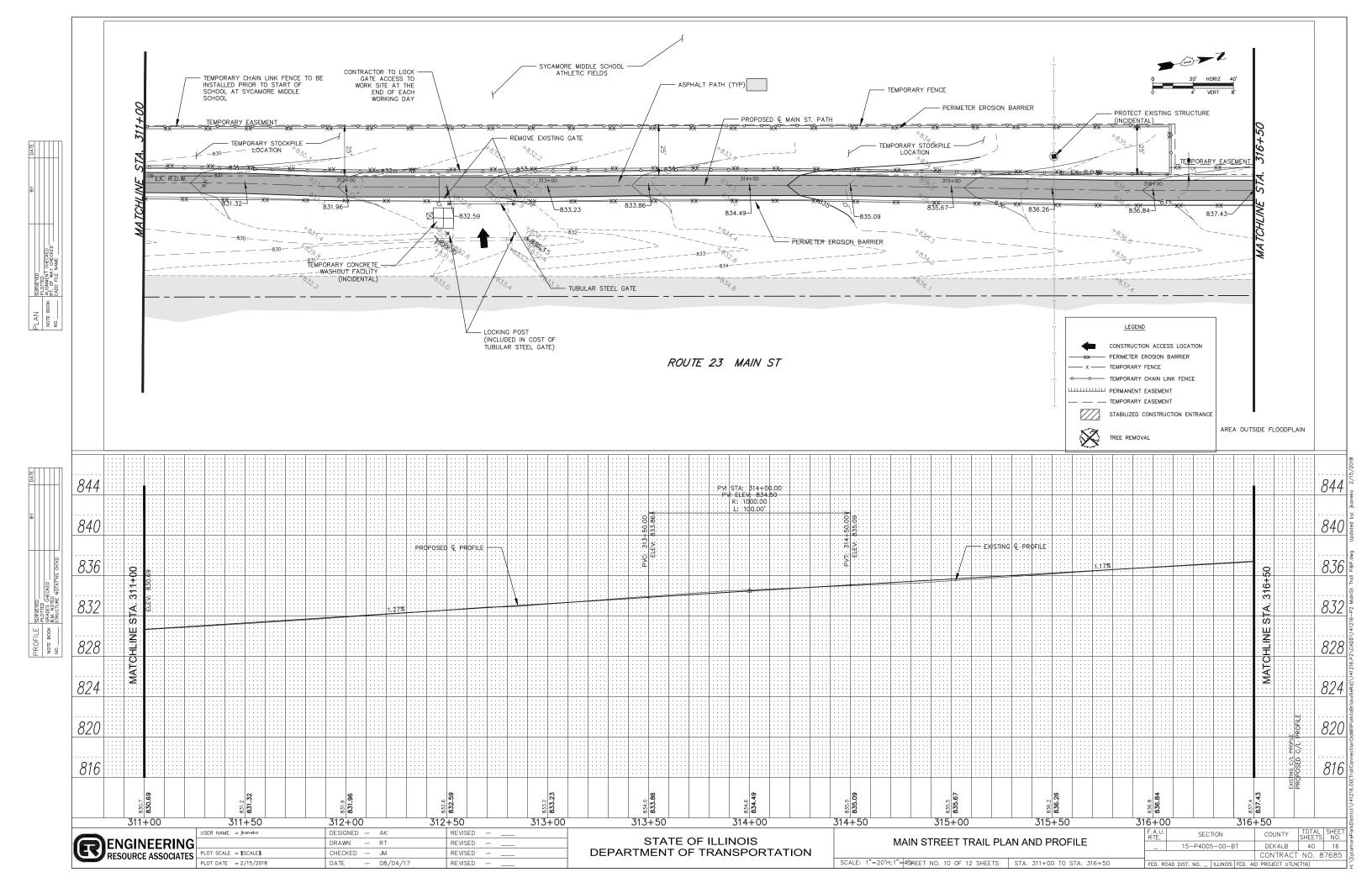


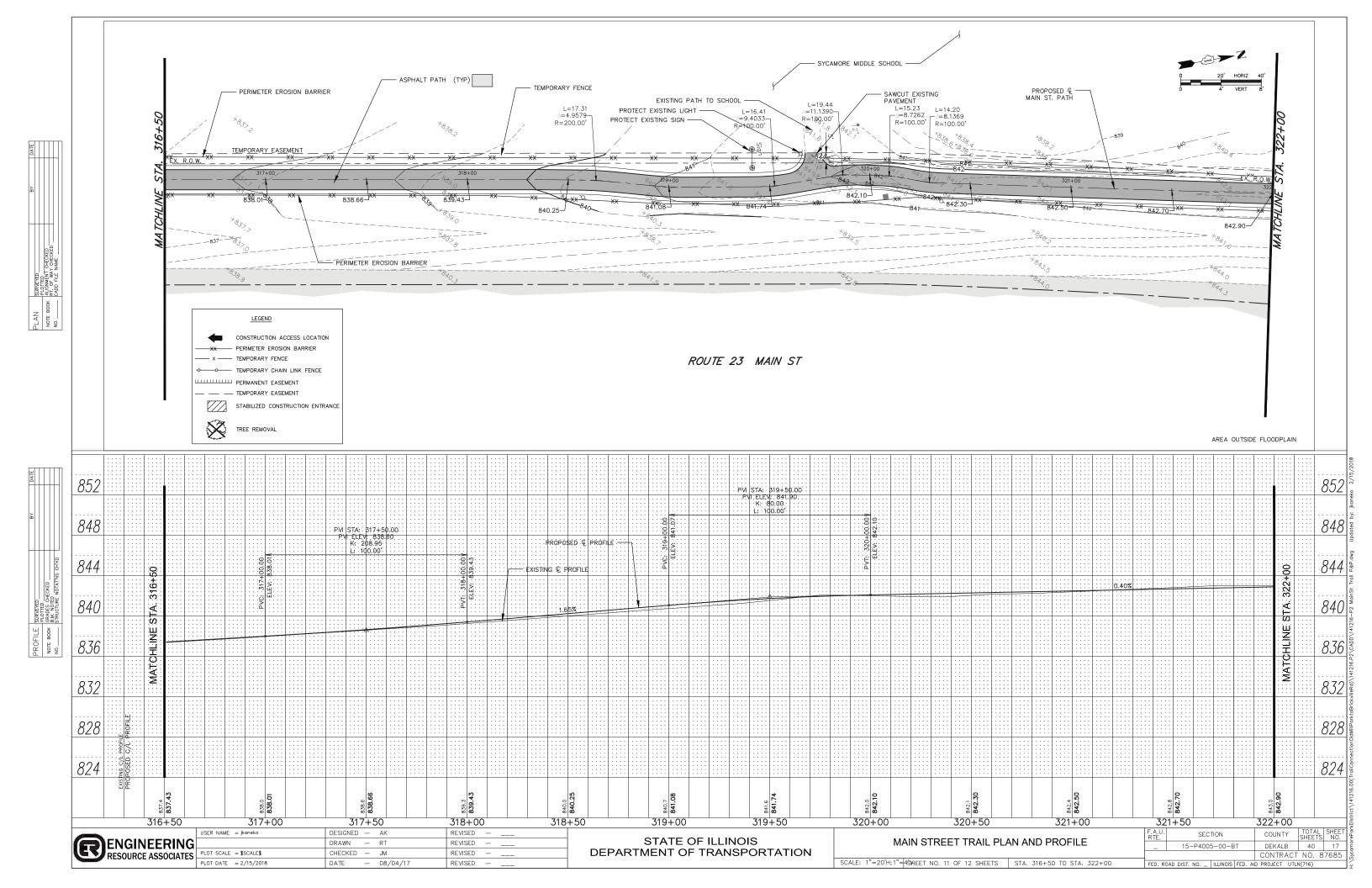


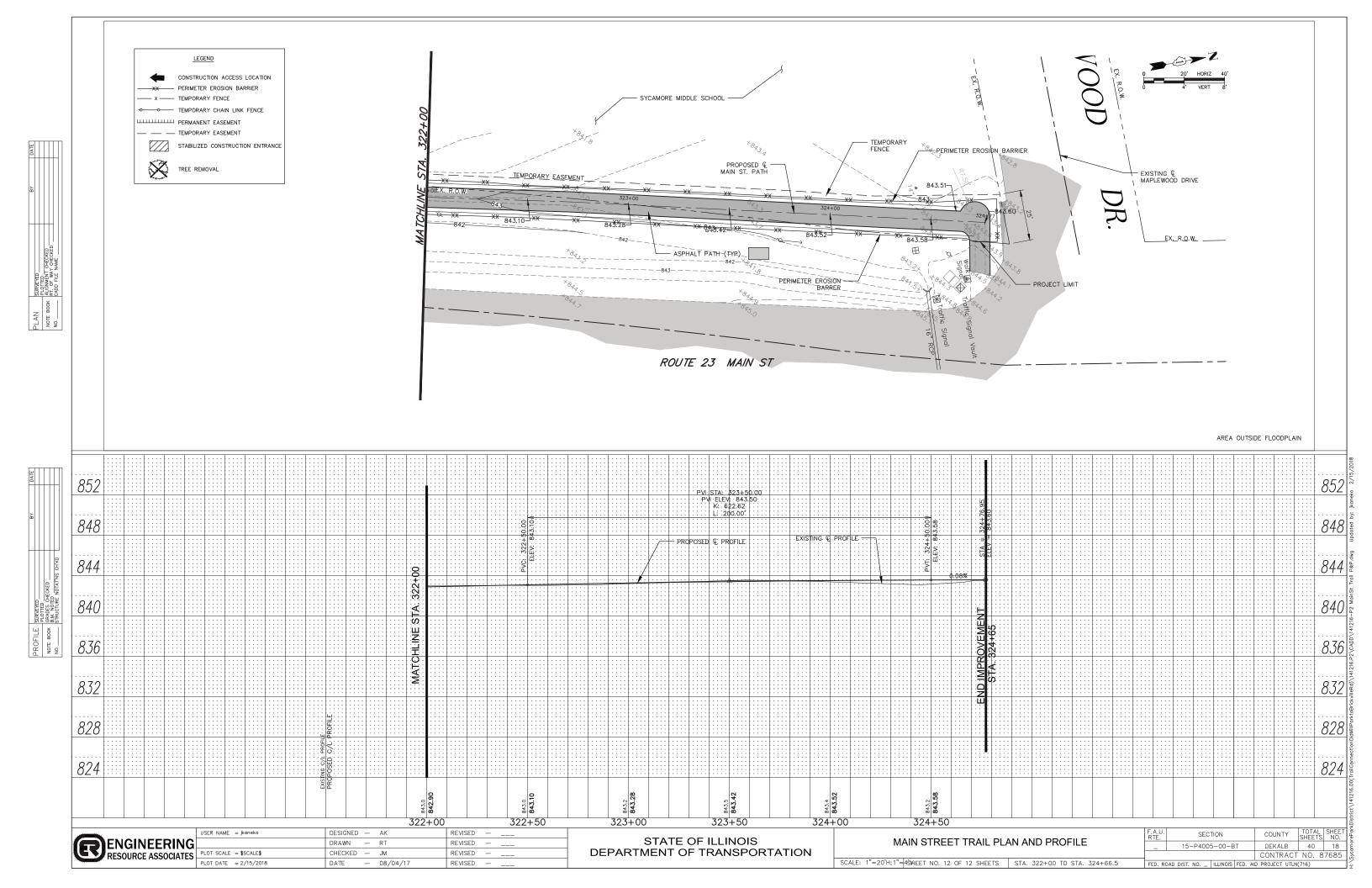


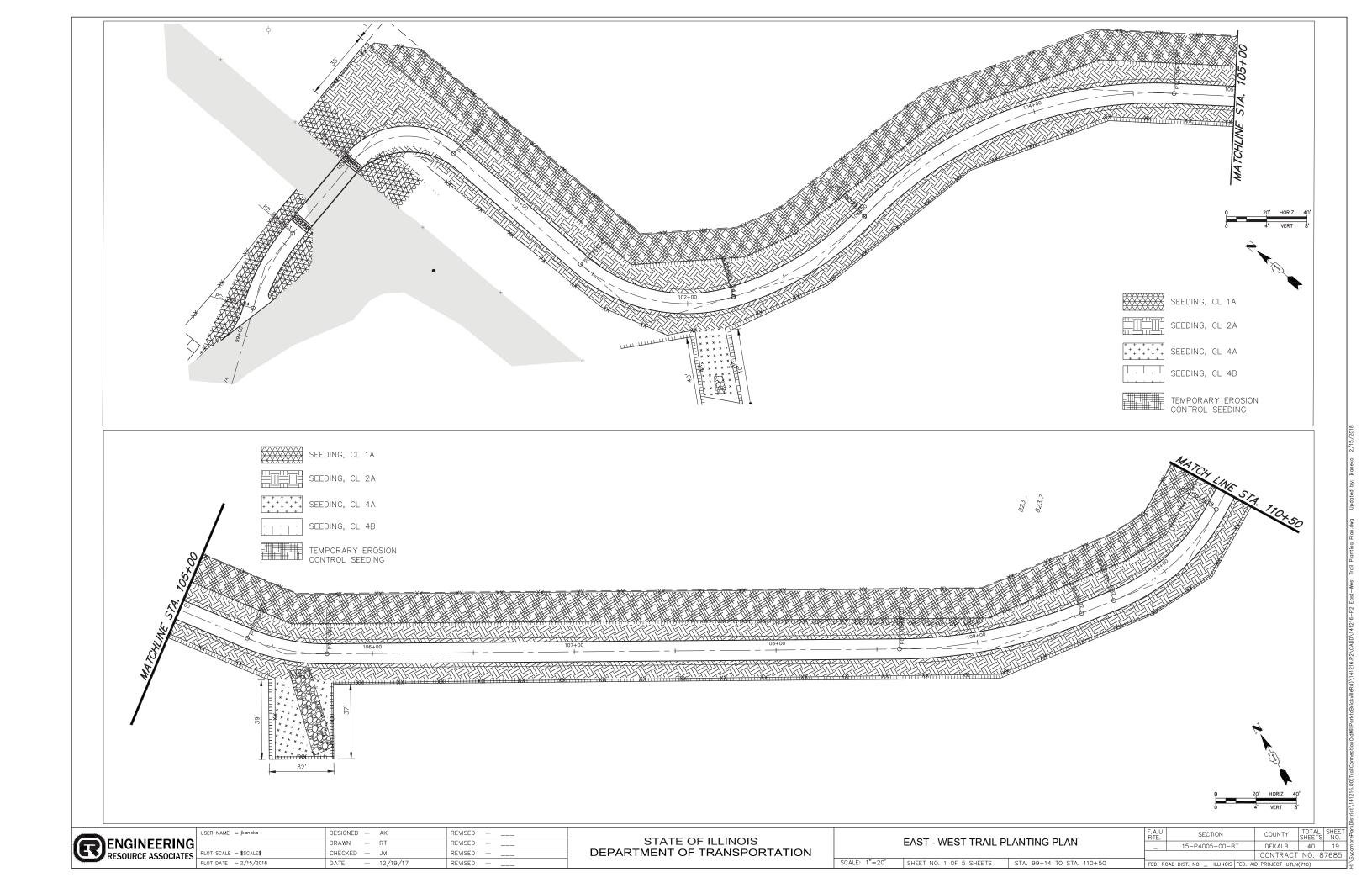


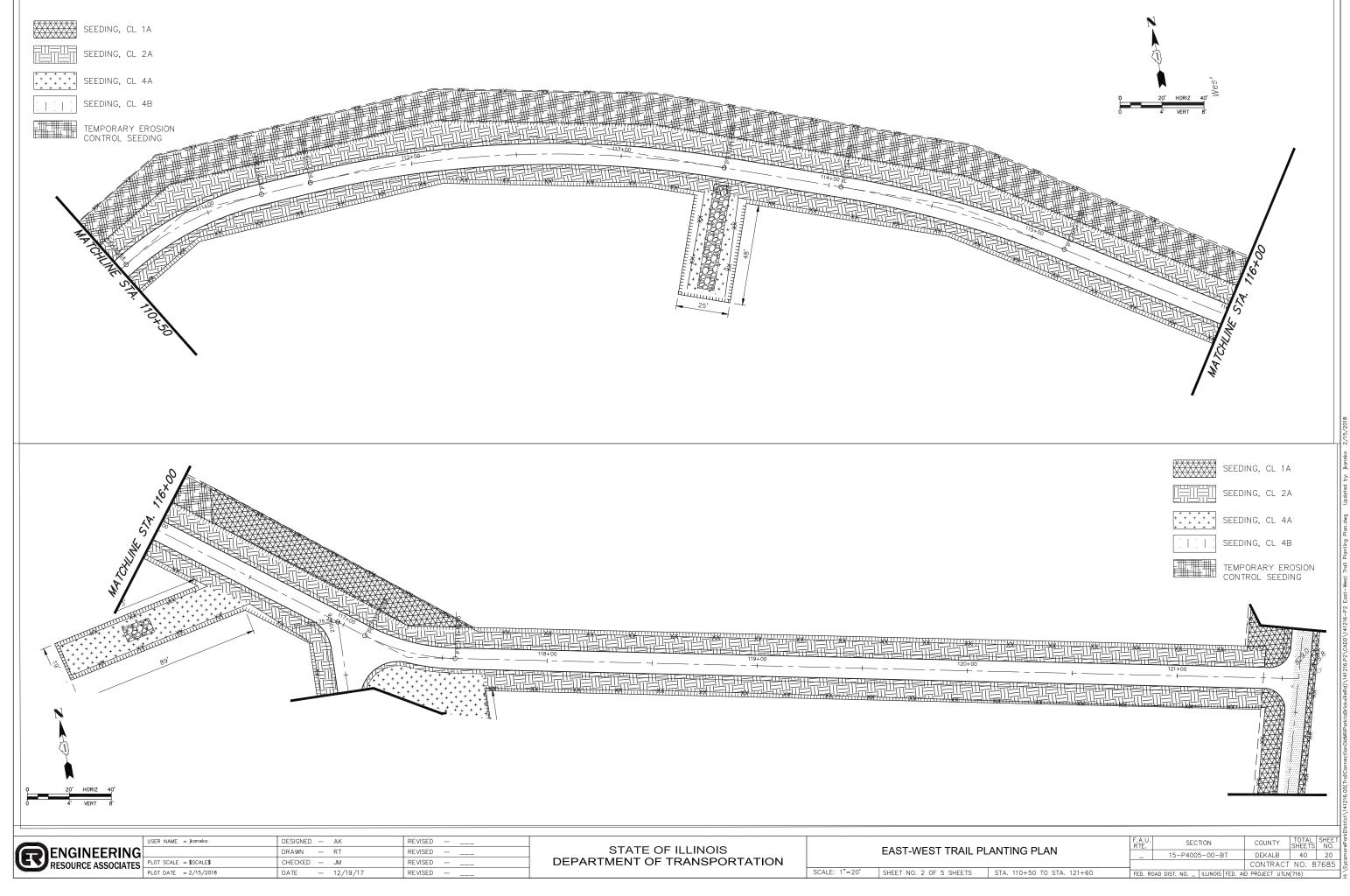








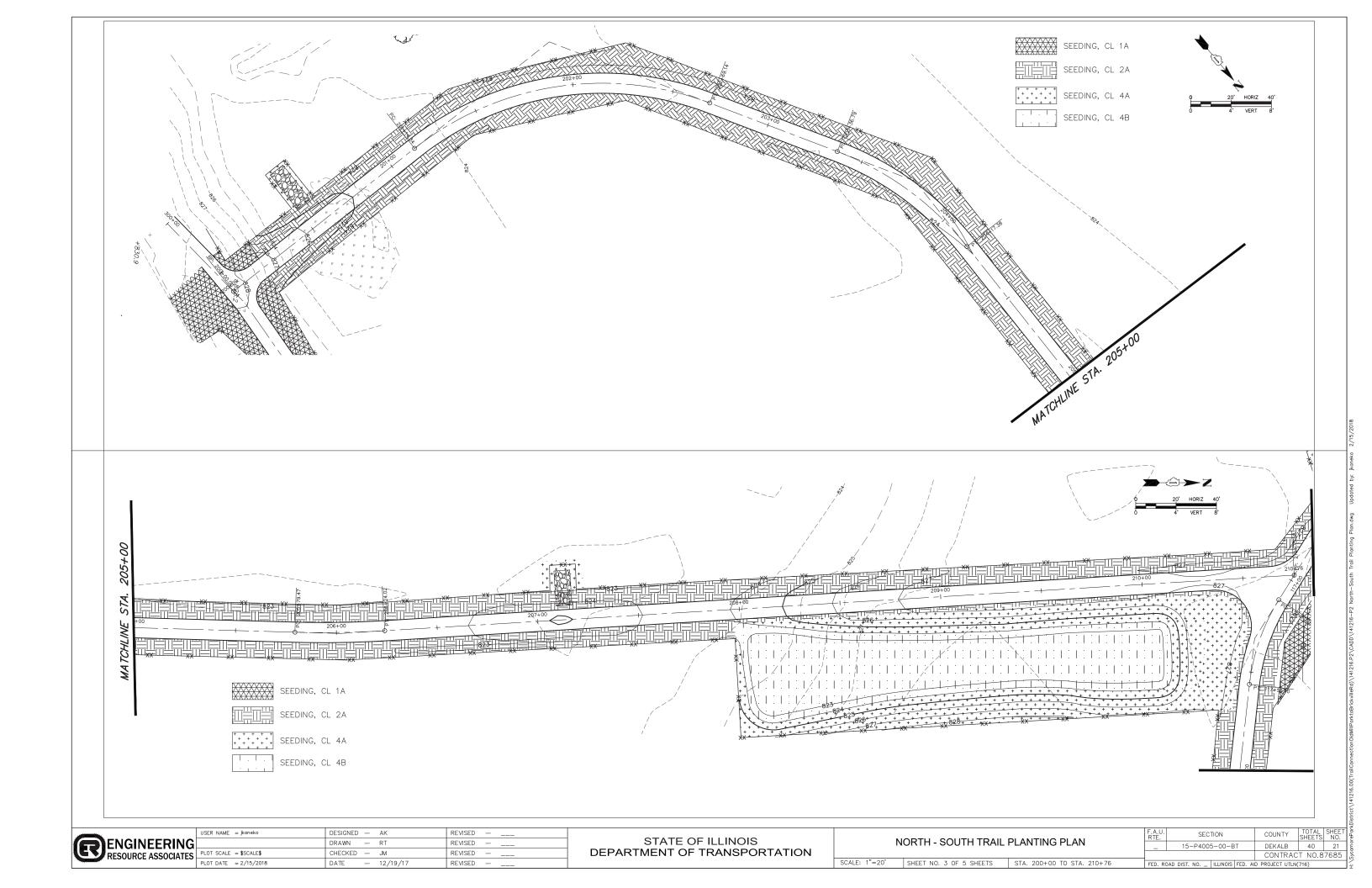


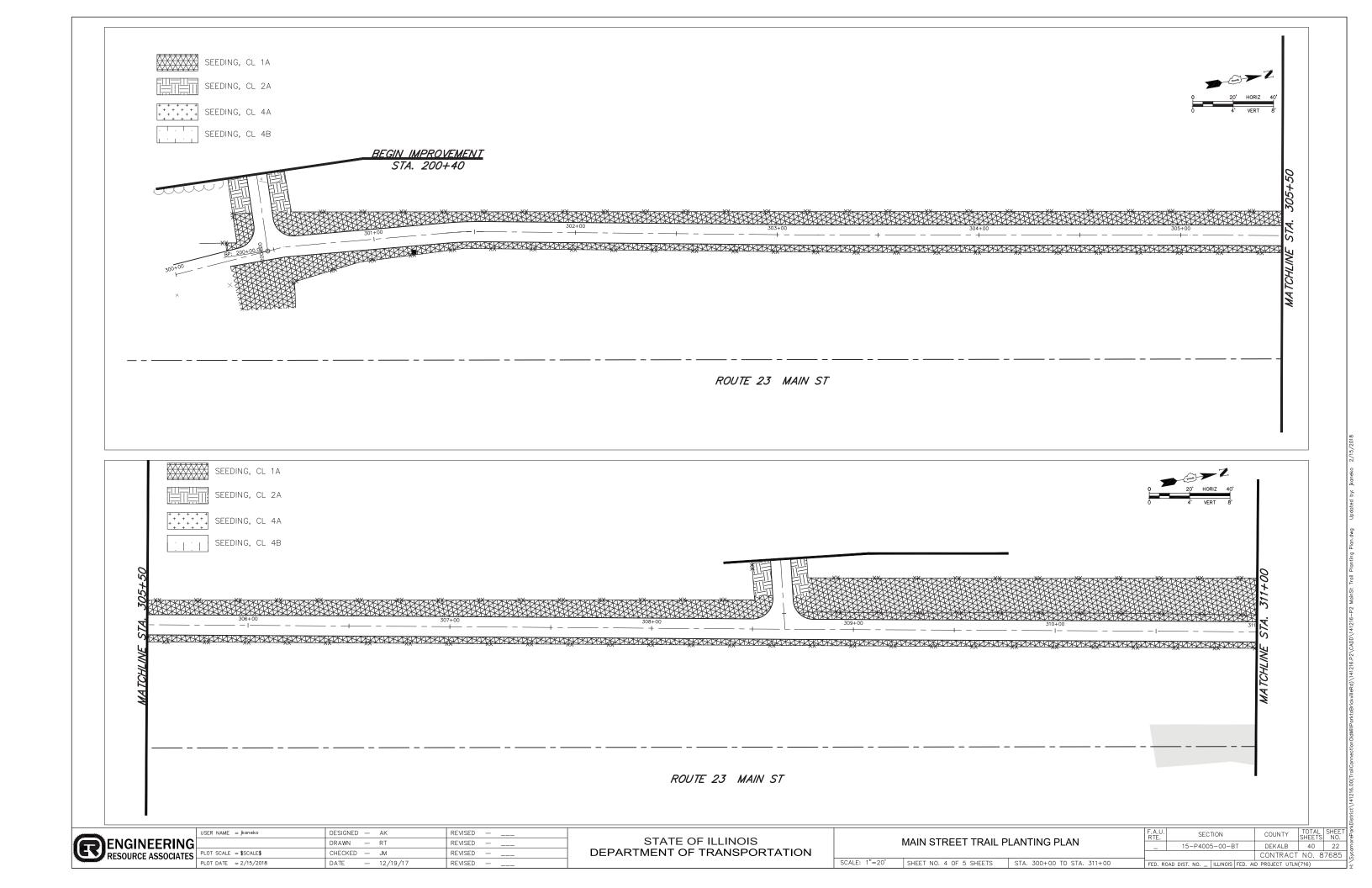


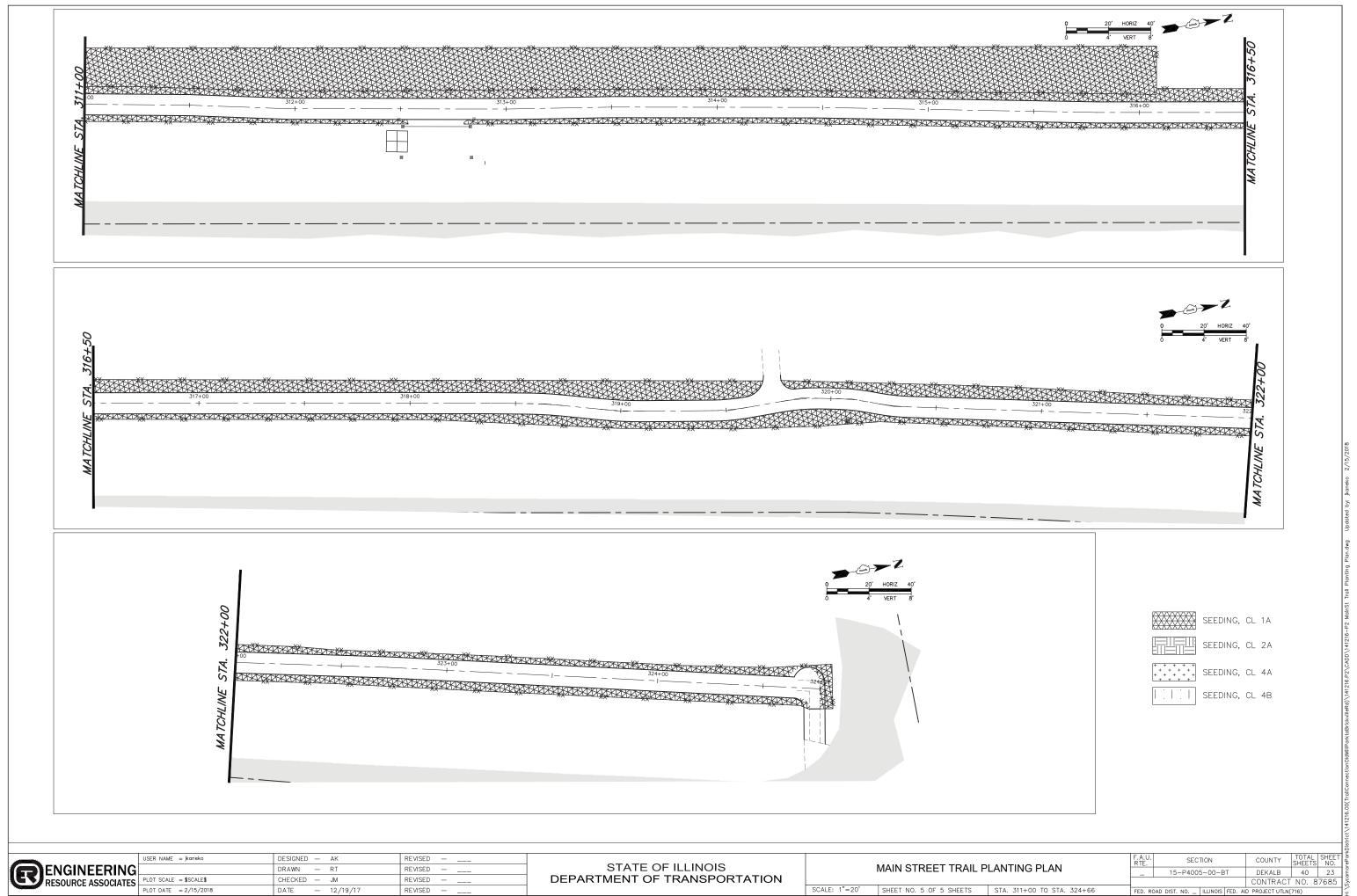
ENGINEERING RESOURCE ASSOCIATES

USER NAME = JRUTERO	DESIGNED - AK	KENISED
	DRAWN — RT	REVISED —
PLOT SCALE = \$SCALE\$	CHECKED — JM	REVISED —
PLOT DATE = 2/15/2018	DATE - 12/19/17	REVISED

	EACT MECT TO ALL DLANTING DLAN					SECTION		
EAST-WEST TRAIL PLANTING PLAN					-P4005	5-00-		
SCALE: 1"=20'	SHEET NO. 2 OF 5 SHEETS	STA. 110+50 TO STA. 121+60	FED. RO	DAD DIST.	NO	ILLINOI:		

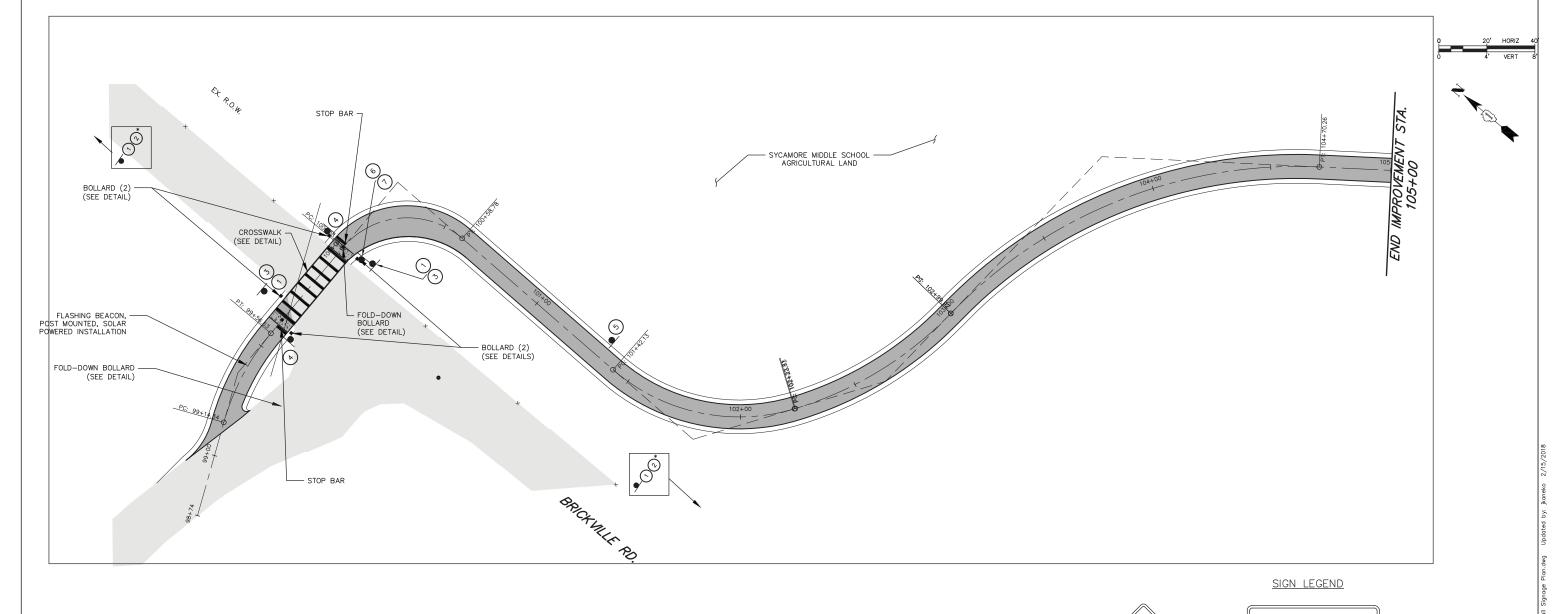


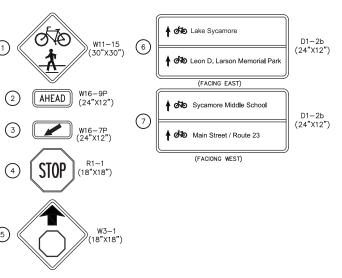




	USER NAME = Jkdneko	DESIGNED — AK	REVISED —
;		DRAWN — RT	REVISED —
\$	PLOT SCALE = \$SCALE\$	CHECKED — JM	REVISED —
	PLOT DATE = 2/15/2018	DATE - 12/19/17	REVISED —

IAIN CTOFFT TOAIL OF ANTING OF AN			SECTION		COUNTY	SHEETS	NO.	
IAIN STREET TRAIL PLANTING PLAN		_	15-P400	5-00-B	T	DEKALB	40	23
						CONTRACT	NO.	37685
SHEET NO. 5 OF 5 SHEETS	STA. 311+00 TO STA. 324+66	FED. RO	DAD DIST. NO	ILLINOIS	FED. All	D PROJECT UTLN(716)	





* NOTE: PLACE METAL POST & SIGN PANELS 1 AND 2 320' PRIOR TO THE CROSSING ALONG BRICKVILLE RD. (BOTH DIRECTIONS OF TRAVEL)

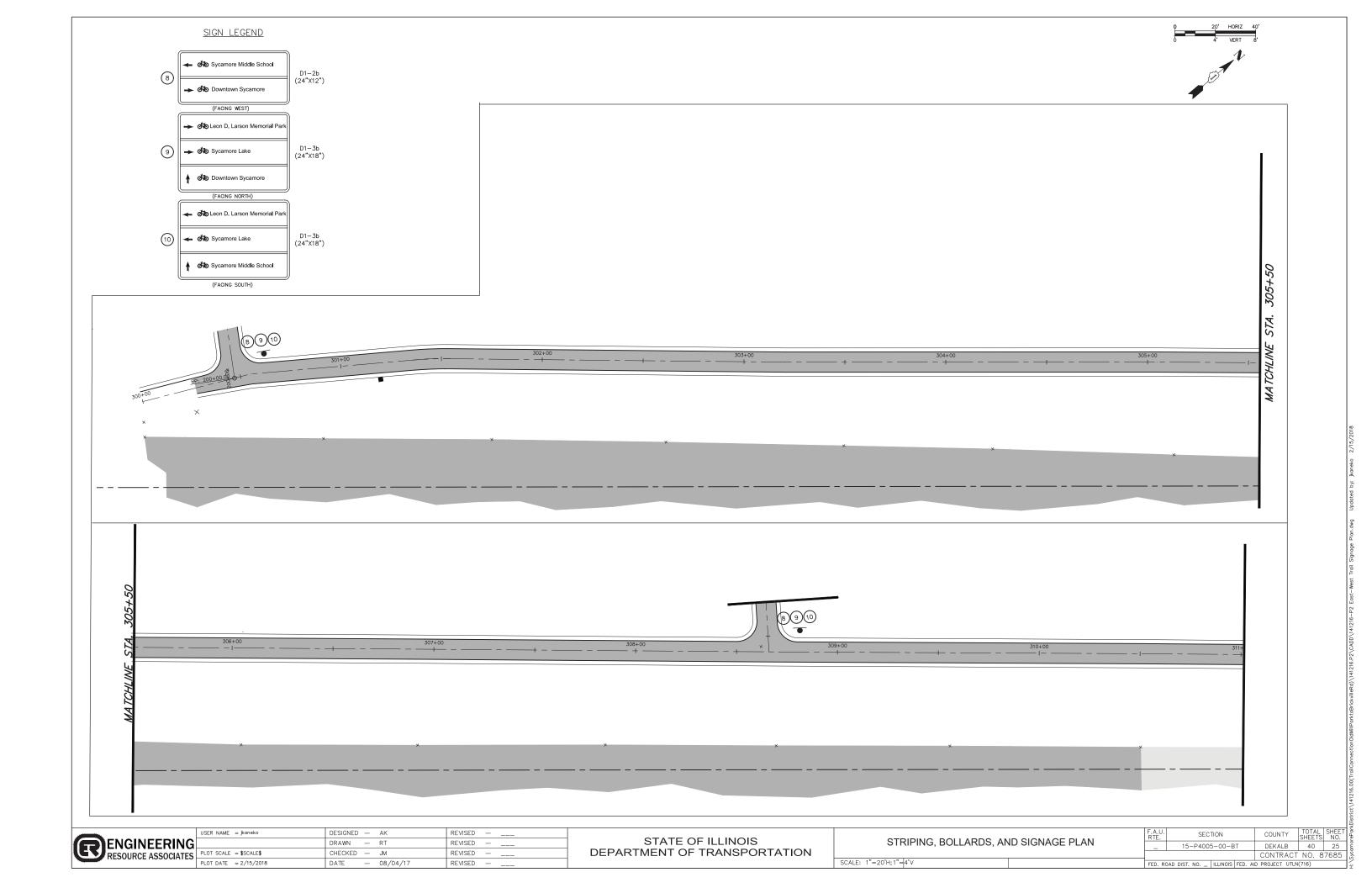
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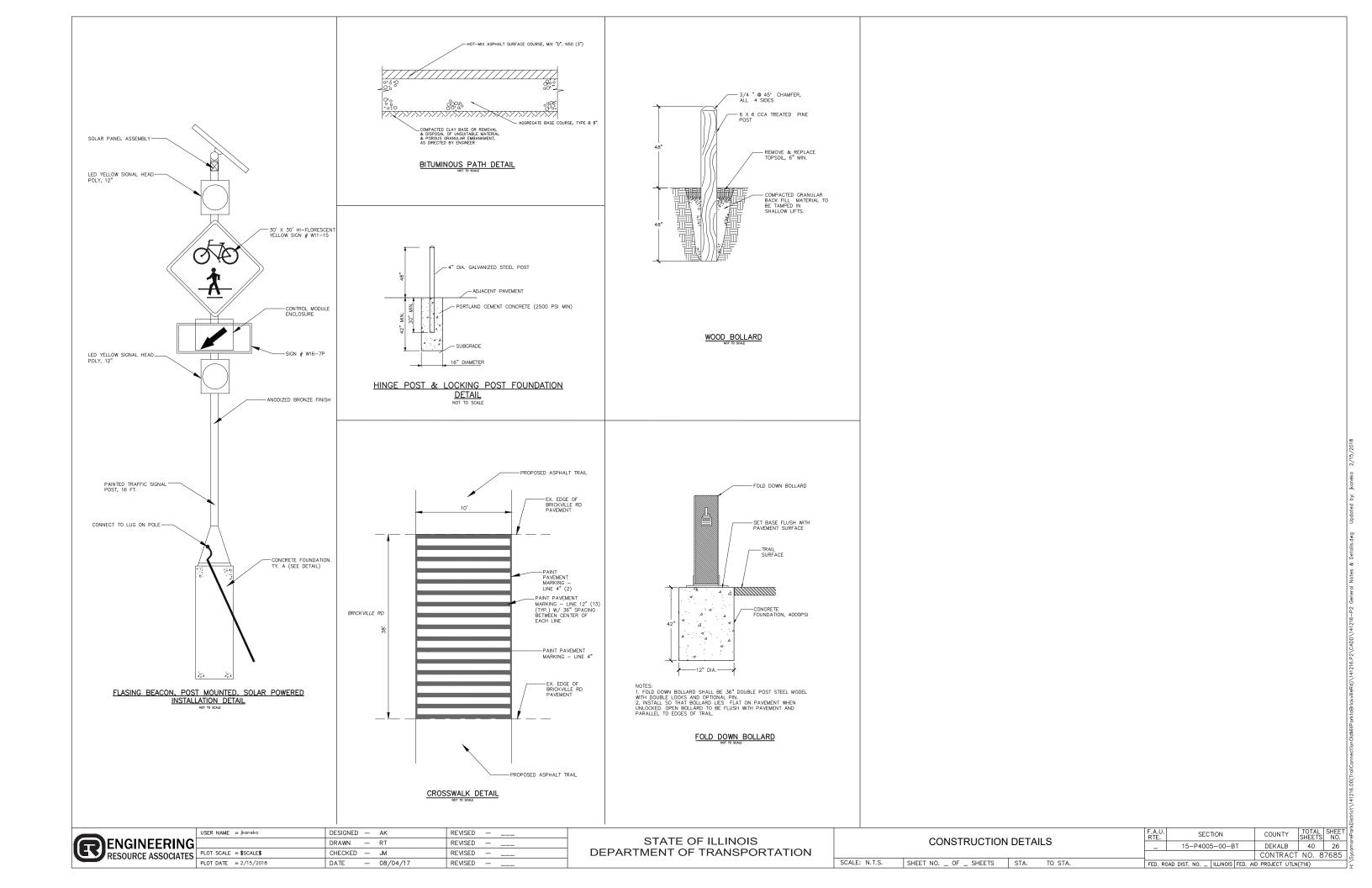
USER NAME = jkaneko	DESIGNED — AK	REVISED —
	DRAWN — RT	REVISED —
PLOT SCALE = \$SCALE\$	CHECKED — JM	REVISED —
PLOT DATE = 2/15/2018	DATE - 08/04/17	REVISED —

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

STRIPING, BOLLARDS, AN	ID SIGNAGE PLAN
SCALE: 1"=20'H;1"=4\$HEET NO. 1 OF 12 SHEETS	STA. 99+10 TO STA. 105+00

F.A.U. RTE.	A.U. SECTION				COUNTY	TOTAL SHEET NO.			rePar		
_	15-P4005-00-BT						DEKALB	40		24	l e
						CONTRACT NO. 87685			7685	Š	
CCD D	040 010	r NO		II I INIOIC	CCD.	A 1	D DDO IFOT LITER	(716)			1/





DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL BE PROTECTED.
THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING, PARKING OF VEHICLES OF CONSTRUCTION
EQUIPMENT, STORAGE OF MATERIALS OR OTHER CONSTRUCTION RELATED ACTIVITIES.
CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT OWNER APPROVED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONSTRUCTIONS. ALL NECESSARY MEASURES STALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

TEMPORARY SEDIMENT CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND

- WORKING PROPERLY AND ALL PERMANENT VEGETATION IS GROWING AND THRIVING.
 EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION.
 ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH ½" RAIN EVENT.
- THE EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDING ON SLOPE, SLOPE LENGTH AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (I.E. POND PERIMETER, BERMS, ETC.) IMMEDIATELY UPON FINAL GRADING
- IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 14 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 7TH DAY AFTER WORK HAS CEASED.
- 8. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 50 LBS/ACRES.
 9. 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".

- WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL."

 10. ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DALLY AND CLEANED WHEN NECESSARY AND AS DIRECTED BY ENGINEER.

 11. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE MOST RECENT ILLINOIS URBAN MANUAL.

 12. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

 13. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER, CITY OF SYCAMORE, OR SOIL & WATER CONSERVATION DISTRICT OF DEKALB COUNTY.

 14. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL
- DISTURBED AREAS.
 WHERE THERE IS LOW, INTERMITTENT AMOUNTS OF DEWATERING, PUMPS WITH FILTRATION BAGS SHALL BE USED. FILTRATION BAGS SHALL BE ATTACHED TO PUMP DISCHARGES AND SURROUNDED WITH A SECONDARY CONTAINMENT OR ON A STABILIZED AREA. FILTER BAGS SHALL NOT BE PLACED, WHOLE OR PARTIALLY, WITHIN AQUATIC AREAS (WETLANDS, STREAMS, ETC.) THE MATERIAL FOR THE FILTRATION BAG SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE OF THE ILLINOIS URBAN MANUAL, TABLE 2, CLASS I WITH A MINIMUM TENSILE STRENGTH OF 200 LBS. THE FILTRATION BAG SHALL BE SIZED PER MANUFACTURER RECOMMENDATIONS AND BASED ON THE SIZE OF THE PUMP.
- 16. IF THE CONTRACTOR ENCOUNTERS GROUNDWATER EITHER DURING CONSTRUCTION OR PRIOR TO THE START OF CONSTRUCTION, A DEWATERING PLAN SHALL BE PROVIDED TO THE ENGINEER AND DEKALB COUNTY FOR REVIEW.

 17. IT IS THE RESPONSIBILITY OF THE 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 ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND
- CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY THE OWNER, MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR
- 17. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY THE OWNER. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

 18. NO STOCKPILING IS PERMITTED WITHIN THE FLOODPLAIN. STOCKPILES THAT ARE TO REMAIN IN PLACE MORE THAN THREE DAYS SHALL BE PROVIDED WITH SOIL EROSION AND SEDIMENT CONTROL MEASURES.

 19. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY SEDIMENT CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL SYSTEMS AND SHALL NOT BE PAID FOR SEPARATELY.

 20. ALL DROP INLETS ON AND ADJACENT TO THE SITE MUST HAVE A SEDIMENT TRAPPING OR CONTAINMENT DEVICE FOR DEPENDING CONSTRUCTION
- ACTIVITIES. FILTER FABRIC ON ITS OWN IS NOT AN APPROVED METHOD. A MANUFACTURE'S SPEC SHOULD BE USED FOR PREFABRICATED DROP INLET
- ACTIVITIES, FILLER FABRIC ON ITS OWN IS NOT AN APPROVED METHOD. A MANUFACTURE'S SPEC SHOULD BE USED FOR PREFABRICATED DROP INLET PROTECTION AND SHOULD BE AS THE ILLINOIS URBAN MANUAL STANDANAL STANDAND.

 21. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION. IS ACHIEVED. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.

 22. ALL EROSION AND SEDIMENT CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION AND SEDIMENT CONTROL PLAN. PRIOR TO THE APPROVAL AND USE IN THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION. AND MET ONE PROCEDURES TO ACQUIRED FOR THIS APPLICATION. APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN
- CONSTRUCTION INSPECTION.

 THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, PROTECTION OF TREES, PRESERVATION OF NATURAL VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. AREAS OF EXISTING VEGETATION, WOOD AND GRASSLANDS, OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
- 24. BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE
- BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.

 25. IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY

- 25. IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.

 26. COMPLETED SLOPES SHALL BE SEEDED AND MULCHED (OR BLANKETED, IF APPLICABLE) AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

 27. THE SITE SHOULD BE PHASED IN A WAY THAT REDUCES THE AMOUNT OF STRIPPED, UNSTABILIZED AREAS WITHIN THE SITE AT ANY ONE TIME. MASS GRADING THE ENTIRE SITE SHOULD BE AVOIDED AS TO PREVENT EROSION ON SITE AND SEDIMENTATION ISSUES DOWNSTREAM.

 28. FOR INSTALLATION OF ALL FLARED END SECTIONS IN WETLAND OR RIPARIAN AREAS, WORK IN OR NEAR THE WETLAND MUST BE CONDUCTED IN LOW OR NO FLOW CONDITIONS. THE WORK AREA TEMPORARILY STABILIZED AT THE END OF EACH DAY, AND THE UPSTREAM RECEIVING AREA STABILIZED BEFORE THE PIPE IS PUT "ONLINE" TO THE WETLAND.
- 29. BARRIER PROTECTION SHALL BE PLACED AT THE LIMITS OF SOIL DISTURBANCE ADJACENT TO ALL UNDISTURBED WETLAND AND RIPARIAN AREAS AS NOTED ON THE PLANS, AND SHALL BE A ROW OF SILT FENCE (UPSTREAM SIDE), A ROW OF TEMPORARY FENCE (ORANGE CONSTRUCTION FENCE, DOWNSTREAM SIDE), & A MINIMUM OF OF TWO SIGNS AT EACH LOCATION (SIGNS SHALL NOT BE SPACED MORE THAN 300' APART. SIGNS SHALL MEET THE REQUIREMENTS OF ARTICLE 720.02 OF THE STANDARD SPECIFICATIONS AND SHALL BE 9" X 12" (225 MM X 300 MM) AND SHALL READ "FEDERALLY PROTECTED WETLANDS: KEEP OUT." SIGN SUPPORTS SHALL MEET THE REQUIREMENTS OF SECTION 1093 OF THE STANDARD SPECIFICATIONS. SIGNS SHALL BE INCLUDED IN THE COST OF TEMPORARY FENCE.

 30. GRADING IN 100-YR FLOODPLAIN AREAS SHALL BE DONE IN SUCH A MANNER THAT THE EXISTING FLOODPLAIN STORAGE IS MAINTAINED AT ALL TIMES.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTION OF THE CONSTRUCTION SITE:

- PERIMETER EROSION BARRIER, TEMPORARY FENCE, AND TREE PROTECTION SHALL BE IN PLACE PRIOR TO EARTHWORK ACTIVITIES.

- PERMINE ER EROSION BARRIER, IEMPURARY FENCE, AND IREE PROJECTION SHALL BE IN PLACE PRIOR TO EARTHWORK ACTIVITIES.

 REMOVE EXISTING ROUTE 23 (MAIN ST.) TRAIL & INSTALL NEW TRAIL (STA. 300+27 TO STA. 324+66).

 PERFORM FINE GRADING AND SEED & STABILIZE AREAS ADJACENT TO MAIN ST. TRAIL.

 INSTALL TEMPORARY FENCE ALONG ENTIRE WESTERN EDGE OF MAIN ST. TRAIL ONCE TRAIL IS OPENED TO PEDESTRIANS.

 TREE AND BRUSH REMOVAL THROUGHOUT REMAINDER OF PROJECT AREA WILL BE PERFORMED.

 SITE SHALL BE EXCAVATED FOR TRAIL INSTALLATION, WITH ALL PROPOSED TRAIL AREAS GRADED TO ROUGHLY 1—FOOT BELOW FINAL ELEVATION ON PLANS.

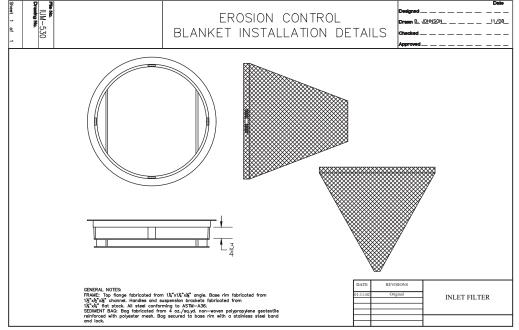
 UTILITIES SHALL BE CONSTRUCTED. AFTER COMPLETION OF STORM SEWER CONSTRUCTION, TEMPORARY & PERMANENT SEDIMENT CONTROL FILTER BARRIER AND SEDIMENT CONTROL FLOW—THROUGH FILTERS SHALL BE IMMEDIATELY PLACED AT EACH OPEN—GRATE STRUCTURE.

 ASPHALI TRAILS SHALL BE CONSTRUCTED.
- ASPHALT TRAILS SHALL BE CONSTRUCTED. SITE SHALL BE TEMPORARILY STABILIZED IMMEDIATELY FOLLOWING MASS GRADING COMPLETION THROUGHOUT THE PROJECT
- FINE GRADING SHALL BE PERFORMED.

 THE SITE SHALL BE SEEDED AND STABILIZED WITH BIODEGRADABLE EROSION CONTROL MAT AS FINE GRADING IS COMPLETED THROUGHOUT THE PROJECT.
- 12. TEMPORARY EROSION CONTROL MEASURES WILL BE REMOVED FOLLOWING FINAL STABILIZATION & APPROVAL BY ENGINEER & OWNER

BURY UPSLOPE END OF BLANKET IN OVERLAP BLANKETS SIDE TRENCH 6" WIDE BY BY SIDE USING A 4" 6" DEEP OVERLAP WITH UPSLOPE BLANKET LAID OVER DOWNSLOPE BLANKET **②** ② OVERLAP END OF UPSLOPE BLANKET 4" OVFR DOWNSLOPE BLANKET AND SECURE WITH STAPLES BURY TOE OF BLANKET IN TRENCH 6" WIDE BY 6" DEEP Tamp Soil Firmly Staple -Staples Anchor Slot Single Joint Parallel Overlaps DETAIL 1 DETAIL 2 DETAIL 3 1.5" Min — PUSH PIN DETAIL STAPLE DETAIL

- 1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 stapels 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.



	USER NAME = jkaneko	DESIGNED —	AK	REVISED —
3		DRAWN —	RT	REVISED —
S	PLOT SCALE = \$SCALE\$	CHECKED -	JM	REVISED —
_	PLOT DATE = 2/15/2018	DATE —	08/04/17	REVISED —

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

EF	ROSION CONTROL NOTES & DETAILS	

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TO STA

SHEET NO. 1 OF 2 SHEETS

SCALE: N.T.S.

A.U. TE.	SECTION						COUNTY	TOTAL SHEETS	SHE
_	15-P4005-00-BT						DEKALB	40	27
							CONTRACT	NO.	3768
ED. RO	DAD	DIST.	NO	ILLINOIS	FED.	AIE	PROJECT UTLN(716)	

