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HIGHWAY STANDARDS

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- APPROACH TO LANE CLOSURE. FREEWAY/EXPRESSWAY 701400-10 LANE CLOSURE, FREEWAY/EXPRESSWAY 701401-12
- TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY 701428-01
- TRAFFIC CONTROL DEVICES 701901-08
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DISTRICT STANDARDS

- TC-08 ENTRANCE AND EXIT RAMP CLOSURE DETAILS TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE
- TC-09 & MULTI-LANE WEAVE
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC-12 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
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- CLOSURES AND PARTIAL RAMP CLOSURES TC-21 DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
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- SHOULDER TREATMENT AT TBT TY. 1 SPL BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING

GENERAL NOTES

- 1. THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS, DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED
- 2. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- 3. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- 4. THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800) 892-0123 OR 811 AT LEAST 72 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH BURIED ELECTRIC. TELEPHONE, AND GAS UTILITIES ARE IN THE AREA. 48 HOUR NOTIFICATION IS REQUIRED.
- 5. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS. IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR PROPOSED STRIPING AT THE COMPLETION OF THIS CONTRACT. EXACT LOCATIONS OF ALL PROPOSED PAVEMENT MARKINGS SHALL BE DIRECTED BY THE RESIDENT ENGINEER
- 6. THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT
- 7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS
- 8. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE 🗲 29. THE STRIPPED TOPSOIL SHALL BE STOCKPILED, SORTED, & REUSED FOR THE PROPOSED LANDSCAPING PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT
- 9. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND THE VILLAGES OF MINOOKA AND SHOREWOOD
- 10. THE CONTRACTOR SHALL USE CARE NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE
- 11. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 12. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKDAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 13. PERMANENT PAVEMENT MARKINGS SHALL BE AS SPECIFIED IN THE PLANS AND SHALL BE PLACED IN ACCORDANCE WITH THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL TC-13 (DISTRICT ONE TYPICAL PAVEMENT MARKINGS).
- 14. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULL LOADED TANDEM AXLE TRUCK.
- 15. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- 16. AGGREGATE SUBGRADE IMPROVEMENT SHALL BE USED TO REPLACE ANY UNSUITABLE SOILS BELOW THE BOTTOM OF THE IMPROVED SUBGRADE LAYER THAT ARE ENCOUNTERED IN THE FIELD DURING CONSTRUCTION. THE NEED FOR REMOVAL AND REPLACEMENT SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. ANY MATERIAL NOT NEEDED FOR UNDERCUT REPLACEMENT AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.
- 17. GEOTEXTILE FABRIC SHALL BE PLACED AT THE BASE OF UNDERCUT AREAS WHERE LOW STRENGTH SUBGRADE SOILS ARE ENCOUNTERED. GEOTEXTILE FABRIC SHALL NOT BE PLACED AT THE BASE OF THE PROPOSED 12 INCH IMPROVED SUBGRADE LAYER UNLESS IT IS DETERMINED NECESSARY TO ACHIEVE STABILITY BY THE GEOTECHNICAL ENGINEER OR SOILS INSCPECTOR. GEOTEXTILE FABRIC SHOULD MEET THE REQUIREMENTS OF ARTILCE 210, FABRIC FOR GROUND STABILIZATION, OF THE SSRBC. ANY MATERIAL NOT NEEDED AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.
- 18. THE CONTRACTOR SHALL ENSURE THAT EXPOSED AREAS HAVE ADEQUATE TEMPORARY SEEDING OR OTHER STABILIZATION PER THE NPDES 7 AND 14 DAY RULE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 19. IT IS ANTICIPATED THAT THIS CONTRACT WILL BE CONSTRUCTED CONCURRENTLY WITH OTHER ROADWAY PROJECTS IN THE SAME AREA. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITHIN THIS CONTRACT THAT WILL REQUIRE MAINTENANCE OF TRAFFIC BELOW S.N. 099-8303, ALONG WB AND EB INTERSTATE 80, WITH IDOT CONTRACT NO. 62N31. COORDINATION EFFORTS HAVE BEEN MADE TO ACCOMMODATE THE REQUIRED MAINTENANCE OF TRAFFIC ALONG INTERSTATE 80 FOR THIS CONTRACT WITHIN THE MAINTENANCE OF TRAFFIC PLANS FOR IDOT CONTRACT NO. 62N31.
- 20 REFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL JULIE AT 811 OR (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED. WHEN WITHIN THE CITY OF CHICAGO'S CORPORATE LIMITS ALSO CALL 811 OR (312) 744-7000.
- 21. IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL AND PUMP STATION FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. AS OF THE LETTING DATE. CONTACT THE MEADE ELECTRIC COMPANY AT 773-287-7672
- 22. AT LEAST 2 WEEKS PRIOR TO ANY FORESTRY WORK THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 TO IDENTIFY AND MARK TREES TO BE SAVED
- 23. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 24. TYPE I, TYPE II, AND TYPE III BARICADES SHALL BE WEIGHTED IN A MANNER APPROVED BY THE MANUFACTURER SO THEY ARE NOT MOVED BY TRAFFIC.

25 THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIET SHALL BE CS 1 OR BR 1

DESIGNED -REVISED - 🚹 ADDENDUM A RC USER NAME = rober SHEPLEY RD OVER F LIN ENGINEERING.LTD. STATE OF ILLINOIS DRAWN RC REVISED **GENERAL N Consulting Engineers** LOT SCALE = 2.0000 ' / in. CHECKED ST REVISED **DEPARTMENT OF TRANSPORTATION** REVISED SCALE: N.T.S. SHFET 1 OF 1 SHEET PIOT DATE = 10/17/2022DATE 10/2021

- CONTRACTORS EXPENSE.
- OF THE CONTRACT BID PRICE

IMPROVEMENTS. THE ACTUAL REMOVAL DEPTH & QUANTITY OF TOPSOIL REMOVAL SHALL BE VERIFIED IN THE FIELD.

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COMMITMENTS

NONE

HOT- MIX ASPHALT MIXTURE REQUIR	HOT- MIX ASPHALT MIXTURE REQUIREMENTS									
MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)								
BUTT JOINT										
HMA SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT SHOULDER, 8"										
HMA SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 6"	4% @ 50 GYR.	QC/QA								
SHEPLEY RD PAVEMENT RECONSTRUCTION										
HMA SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 5 1/4"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	· · ·									
HMA SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 6"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"										
HMA SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 8"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT STABILIZATION 6"										
HMA SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 4"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT PAVEMENT CONNECTOR										
HMA SURFACE COURSE, IL-9.5, MIX "D", N50 2"	4% @ 50 GYR.	QC/QA								
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 6"	4% @ 50 GYR.	QC/QA								
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (C	C/QA); QUALITY CONT	ROL FOR PERFORMANCE (QCP)								
<u> AIXTURE TABLE NOTES</u>										

Μ

112 I BS/SOYD/IN

FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES

AGGREGATE SHOULDE SEEDING, CLASS 2A SHORT TERM PAVEME NITROGEN FERTILIZER PHOSPHORUS FERTILI POTASSIUM FERTILIZE GRANULAR MATERIAL MULCH

25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE

26. THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES AND ALLOW SUFFICIENT TIME FOR THEM TO PREFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST

27. STANDARD BD 51 IS INCLUDED AS A TOKEN PROVISION IN ANTICIPATION OF ONSITE CONDITIONS AND STEEPER SIDE SLOPES WHICH WILL WARRANT A BENCHING DETAIL.

28. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW. WASTE. USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS. THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS

2. THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS

ERS	1.60 TON/CU YD
	200 LB/ACRE
NT MARKING	10 FT/100 FT
NUTRIENT	90 LB/ACRE
ZER NUTRIENT	90 LB/ACRE
R NUTRIENT	90 LB/ACRE
	2.05 TONS/CU YD
	2 TON/ACRE

	=	REVISED SHI	ETT 10/2	7/2022
TWP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0153	2021-007-В	WILL	71	2
OTES				J41
-	ILLINOIS FED. A	D PROJECT		
	RTE.	TWP. SECTION 0153 2021-007-B	TWP. SECTION COUNTY 0153 2021-007-B WILL	RTE. SECTION COUNTY SHEETS 0153 2021-007-B WILL 71 CONTRACT NO. 62N

								CONSTRUCTION COD	ΡE
							90% FEDERAL 10 % STATE	90% FEDERAL 10 % STATE	90% FEDERAL 10 % STATE
							ROADWAY	SN 099-8308	RETAINING WALL
CODE NO .			ITEM		UNIT	TOTAL QUANTITY	0013	0013	0013
NO.						QUANTITI	URBAN	URBAN	URBAN
20100500	TREE RE	MOVAL, ACRES			ACRE	1.75	1.75		
						$+ \cdots$		\square	
20200100	EARTH E	XCAVATION			CU YD	165	165 	B	
						174	174	R	
20201200	REMOVAL	AND DISPOSAL OF UNS	UITABLE MATERIAL		CU YD	105	105-	2	
20400800	FURNISH	IED EXCAVATION			CU YD	9,991	9,991	Δ	
						9,804	9,804		
21001000	GEOTEXT	ILE FABRIC FOR GROUN	ID STABILIZATION		SQ YD	522	522 	К	
						-	515	R	
21101505	TOPSOIL	EXCAVATION AND PLAC	CEMENT		CU YD	2,780 1,045	2,780 1,045_	K	
						μ		Ŷ	
25000210	SEEDING	G, CLASS 2A			ACRE	1.50	1.50		
25000312	SEEDING	G, CLASS 4A			ACRE	0.50	0.50		
25000400	NITROGE	N FERTILIZER NUTRIEN	IT		POUND	250	250		
25000500	PHOSPHO	RUS FERTILIZER NUTRI	ENT		POUND	250	250		
25000600	POTASSI	UM FERTILIZER NUTRIE	NT		POUND	250	250		
25003210		EDING, CLASS 2A			ACRE	0.75	0.75		
25005210	INTERSE	EDING, CLASS ZA				0.75	0.75		
25100115	MULCH,	METHOD 2			ACRE	0.25	0.25		
25100630	EROSION	I CONTROL BLANKET			SQ YD	4,556	4,556		
25100635	HFAVY D	UTY EROSION CONTROL	BLANKET		SQ YD	3,666	3,666		
ECIALTY IT	EM				I	1			1
= rober		DESIGNED - RC	REVISED -			eur	PLEY RD OVER F.A		TWP. RTE.
	[DRAWN - RC	REVISED -	STATE OF ILLINOIS			SUMMARY OF OUA		0153

LIN ENGINEERING,LTD.	USER NAME = rober	DESIGNED - DRAWN -	RC RC	REVISED - REVISED -	STATE OF ILLINOIS		SHEPLEY RD OVER F.A.I	
Consulting Engineers	PLOT SCALE = 2.0000 ' / in.	CHECKED -	ST	REVISED -	DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUA		
Westmont, Illinois	PLOT DATE = 10/19/2021	DATE -	10/2021	REVISED -		SCALE: N.T.S.	SHEET 1 OF 6 SHEETS S	

						<u>/1</u>	REVISED SH	EET 10/2	7/2022
ŀ	A.I. ROUTE 80		TWP. RTE.	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
JANTITIES		0153	99-1	99-1HB			71	3	
JANTITIES							CONTRACT	NO. 621	141
į	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

				90% FEDERAL 10 % STATE
				ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0013
NO.			QUANTITI	URBAN
28000305	TEMPORARY DITCH CHECKS	FOOT	28	28
28000400	PERIMETER EROSION BARRIER	FOOT	2,032	2,032
			\sim	\sim
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	174 105	174
				<u>105</u>
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3,948	3 , 948
40600290	BITUMINOUS MATERIAL (TACK COAT)	POUND	1,660	1,660
40000290			1,000	1,000
40600370	LONGITUDINAL JOINT SEALANT	FOOT	864	864
40600982			152	152
40000982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	152	152
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	614	614
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	251	251
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	178	178
44000100	PAVEMENT REMOVAL	SQ YD	2,316	2,316
44004000	PAVED DITCH REMOVAL	FOOT	259	259
			233	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	29	29
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	647	647

* SPECIALTY ITEM

	LIN ENGINEERING,LTD.	USER NAME = rober	DESIGNED - RC DRAWN - RC	REVISED - REVISED -	STATE OF ILLINOIS		SHEPLEY RD OVER F.A.I	
		PLOT SCALE = 2.0000 ' / in.	CHECKED - ST	REVISED -	DEPARTMENT OF TRANSPORTATION	SUMMARY OF QU		
	Westmont, Illinois	PLOT DATE = 10/19/2021	DATE - 10/2021	REVISED -		SCALE: N.T.S.	SHEET 2 OF 6 SHEETS S	

(CONSTRUCTION CODE	
L	90% FEDERAL 10 % STATE	90% FEDERAL 10 % STATE
	SN 099-8308	RETAINING WALL
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						Λ	REVISED SH	EET 10/2	7/2022
.A.I. ROUTE 80 JANTITIES		TWP. RTE.	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.	
		0153	99-	1HB		WILL	71	4	
JANTITES							CONTRACT	NO. 621	141
S	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

					90% FEDERAL 10 % STATE
	CODE NO .	ITEM	UNIT	total quantity URBAN	ROADWAY 0013 URBAN
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	92	
	52200700	PRECAST MODULAR RETAINING WALL	SQ FT	1,968	
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	457.2	
	58700300	CONCRETE SEALER	SQ FT	1,645	
$\mathbb{A}^{\mathcal{E}}$	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	869	
$\mathbb{A}^{\mathcal{E}}$	60108200	PIPE UNDERDRAINS 6"(SPECIAL)	FOOT	51	51
	60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	436	
\mathbb{A}^{\langle}	60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	1,287	1 , 287
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	987.5	987.5
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2
	63200310	GUARDRAIL REMOVAL	FOOT	1,436	1,436
	66500105	WOVEN WIRE FENCE, 4'	FOOT	158	158
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
*	66901001	REGULATED SUBSTANCES PRECONSTRUCTION PLAN	L SUM	1	1

* SPECIALTY ITEM

	*	SPECIALTY ITEM						Δ	REVISED SHEET 10/27/2022
E	LIN ENGINEERING, LTD.	USER NAME = rober	DESIGNED - RC	REVISED -		SHEPLEY RD OVER F.A.I. ROUTE 80	TWP. RTE.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
			DRAWN - RC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		0153	99-1HB	WILL 71 6
	Consulting Engineers	PLOT SCALE = 2.0000 ' / in.	CHECKED - ST	REVISED -		SUMMARY OF QUANTITIES			CONTRACT NO. 62N41
	Westmont, Illinois	PLOT DATE = 10/19/2021	DATE - 10/2021	REVISED -		SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. TO STA.		ILLINOIS FED. A	AID PROJECT

(CONSTRUCTION CODE	
<u>L</u>	90% FEDERAL 10 % STATE	90% FEDERAL 10 % STATE
	SN 099-8308	RETAINING WALL
	0013	0013
	URBAN	URBAN
	92	
		1.000
		1,968
	234.0	223.2
	1,645	
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												ARTHWORK SCHED		-			ROSS SECTIONS.			
EARTH EXCAVATIO	STRUCTUR N EXCAVATIO	ON FOR S	EXC. ADJ. 5HRINKAGE (15%)	EMBANKMENT	EARTHWC BALANCE (DRK EX (+/-) (I	TOPSOIL CAVATION EXISTING TOPSOIL) EPTH = 9")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 9"	BALA WASTI O	E (+) R		COLUMN 3: QUANT COLUMN 4: QUANT COLUMN 5: EARTH	ITIES OF E ITIES OF E WORK REQUI	ARTH EXCAV MBANKMENT RED (COLUM	ATION (CUT (FILL) FROMINION 6 - COLUM	ADJUSTED FO M CROSS SECT MN 7)	R A SHRINKAGE I	FACTOR OF 1		DE TOPSO
CU YD	CU YD	С	CU YD	CU YD	SQ YE		CU YD	CU YD		YD YD	$\frac{3}{2}$		-				ONS, TO BE PAIL		OPSOIL EXC	AVATION
165	884		892	10,883	9,99	1	2,780	2,435	+3	45	<u>۲</u>	ND PLACEMENT".								
ANDSCAPIN		dun	mini		tunn	mpm	min	······		······	\checkmark	OLUMN 7: QUANT					OM CROSS SECTIO	UNS.		
ANDSCALIN				<u> </u>	T				HEAVY								JANTITY OF FURN			
FROM STATION	TO STATION	LT/RT	TREE REMOVAL ACRES	SEEDING CLASS 2A	SEEDING CLASS 4A	INTERSEEDI CLASS 24		EROS I ON CONTROL BLANKET	DUTY EROSION CONTROL BLANKET	PER IMETER EROS I ON BARR I ER	TREE REMOVAL, ACRES (SPECIAL)	HMA SHOULDE				1		WEDGE SHOUL		
			ACRES	ACRE	ACRE	ACRE	ACRE	SQ YD	SQ YD	FOOT	ACRE	FROM STATION	TO STATION	LT/RT	AREA (SQ YD)		FROM STATION	TO STATION	LT/RT	TON
13+20.00	13+80.33	RT		0.01			0.01	28.28		63.16	ļ	13+98.43	17+64.00	RT	169.89		13+20.00	13+70.79	RT	2.68
13+20.00	13+76.66	LT		0.01			0.01	22.73		78.36		14+25.42	17+64.00	LT	161.52		13+20.00	13+79.58	LT	4.44
13+94.09	14+50.00	RT								58.82		21+33.00	24+82.22	RT	155.62		14+05.68	17+30.00	LT	21.40
13+94.09	15+98.93	RT		0.14		0.06					0.16	21+33.00	24+85.00	LT	159.23			ROUN	DED TOTAL	29
13+94.09	18+64.77	RT											ROUN	DED TOTAL	647		L			
13+95.00	18+65.00	RT	0.39						1,881.55											
14+05.00	19+03.00	RT	0.35														MODIFIED U	RETHANE DAV	EMENT MARK	
											1						NODITIED O			
14+08.63	19+03.22	LT		0.35	<u> </u>							LONGITUDINA								
14+08.67	15+00.00	LT	+	0.35			0.03	1 672 76				ALIGNMENT	FROM STATION	TO STATION	LT/RT	FOOT	FROM STATION	TO STATION	LT/RT	FOOT
14+08.67 14+08.67	15+00.00 18+97.38	LT LT	<u> </u>	0.35	0.35		0.03	1,673.76		536.58			FROM STATION	STATION	LT/RT	F00T		STATION	LT/RT	
14+08.67	15+00.00	LT		0.35	0.35		0.03	1,673.76		536.58		ALIGNMENT	FROM				STATION			FOOT 321.44 642.88
14+08.67 14+08.67 15+98.93	15+00.00 18+97.38 18+64.77	LT LT RT		0.35	0.35	0.35	0.03	1,673.76			0.35	ALIGNMENT SHEPLEY RD	FROM STATION 13+20.00 21+33.00	STATION 17+64.00	LT/RT	444	STATION 17+79.00	STATION 21+00.00	RT	321.44
14+08.67 14+08.67 15+98.93 16+50.00	15+00.00 18+97.38 18+64.77 18+64.77	LT LT RT RT		0.35	0.35	0.35	0.03	1,673.76			0.35	ALIGNMENT SHEPLEY RD SHEPLEY RD	FROM STATION 13+20.00 21+33.00	STATION 17+64.00 25+00.00	LT/RT	444 367	STATION 17+79.00 17+87.69	STATION 21+00.00 21+09.14 21+18.00	RT RT/LT	321.44
14+08.67 14+08.67 15+98.93 16+50.00 17+00.00	15+00.00 18+97.38 18+64.77 18+64.77 19+71.00	LT LT RT RT LT		0.35	0.35		0.03	1,673.76 				ALIGNMENT SHEPLEY RD SHEPLEY RD	FROM STATION 13+20.00 21+33.00	STATION 17+64.00 25+00.00	LT/RT LT/RT LT	444 367 53	STATION 17+79.00 17+87.69	STATION 21+00.00 21+09.14 21+18.00	RT RT/LT LT	321.44 642.88 321.44
14+08.67 14+08.67 15+98.93 16+50.00 17+00.00 19+94.00	15+00.00 18+97.38 18+64.77 18+64.77 19+71.00 21+04.00	LT LT RT RT LT RT			0.35		0.03					ALIGNMENT SHEPLEY RD SHEPLEY RD	FROM STATION 13+20.00 21+33.00 13+93.00	STATION 17+64.00 25+00.00 ROUN	LT/RT LT/RT LT	444 367 53	STATION 17+79.00 17+87.69	STATION 21+00.00 21+09.14 21+18.00 ROUN	RT RT/LT LT NDED TOTAL	321.44 642.88 321.44
14+08.67 14+08.67 15+98.93 16+50.00 17+00.00 19+94.00 19+97.00	15+00.00 18+97.38 18+64.77 18+64.77 19+71.00 21+04.00 24+97.05	LT LT RT LT RT RT RT			0.35		0.03		1,784.01	230.24		ALIGNMENT SHEPLEY RD SHEPLEY RD FRONTAGE RD	FROM STATION 13+20.00 21+33.00 13+93.00	STATION 17+64.00 25+00.00 ROUN SS	LT/RT LT/RT LT	444 367 53	STATION 17+79.00 17+87.69 17+96.00	STATION 21+00.00 21+09.14 21+18.00 ROUN	RT RT/LT LT NDED TOTAL	321.44 642.88 321.44 1,286
14+08.67 14+08.67 15+98.93 16+50.00 17+00.00 19+94.00 19+97.00 20+02.16	15+00.00 18+97.38 18+64.77 18+64.77 19+71.00 21+04.00 24+97.05 24+97.05	LT LT RT LT LT RT RT RT	0.58	0.58	0.35		0.03		1,784.01	230.24		ALIGNMENT SHEPLEY RD SHEPLEY RD FRONTAGE RD TEMPORARY E	FROM STATION 13+20.00 21+33.00 13+93.00	STATION 17+64.00 25+00.00 ROUN	LT/RT LT/RT LT	444 367 53	STATION 17+79.00 17+87.69 17+96.00 GRADING AN	STATION 21+00.00 21+09.14 21+18.00 ROUM	RT RT/LT LT NDED TOTAL	321.44 642.88 321.44
14+08.67 14+08.67 15+98.93 16+50.00 17+00.00 19+94.00 19+97.00 20+02.16 20+35.31	15+00.00 18+97.38 18+64.77 18+64.77 19+71.00 21+04.00 24+97.05 24+97.05 25+00.00	LT RT RT LT RT RT RT LT	0.58	0.58	0.35		0.03		1,784.01	230.24		ALIGNMENT SHEPLEY RD SHEPLEY RD FRONTAGE RD TEMPORARY D	FROM STATION 13+20.00 21+33.00 13+93.00	STATION 17+64.00 25+00.00 ROUN SS	LT/RT LT/RT LT	444 367 53	STATION 17+79.00 17+87.69 17+96.00 GRADING ANI FROM	STATION 21+00.00 21+09.14 21+18.00 ROUM D SHAPING S TO	RT RT/LT LT NDED TOTAL	321.44 642.88 321.44 1,286
14+08.67 14+08.67 15+98.93 16+50.00 17+00.00 19+94.00 19+97.00 20+02.16 20+35.31 19+97.00	15+00.00 18+97.38 18+64.77 18+64.77 19+71.00 21+04.00 24+97.05 25+00.00 24+97.00	LT RT RT LT RT RT RT LT RT		0.58	0.35		0.03		1,784.01	230.24		ALIGNMENT SHEPLEY RD SHEPLEY RD FRONTAGE RD TEMPORARY D FROM STATION	FROM STATION 13+20.00 21+33.00 13+93.00 DITCH CHECK LT/RT	STATION 17+64.00 25+00.00 ROUN SS FOOT	LT/RT LT/RT LT	444 367 53	STATION 17+79.00 17+87.69 17+96.00 GRADING ANI FROM STATION	STATION 21+00.00 21+09.14 21+18.00 ROUN D SHAPING TO STATION	RT RT/LT LT NDED TOTAL HOULDERS	321.44 642.88 321.44 1,286 UNIT

AGGREGATE SUBGRADE IMPROVEMENT 12"

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
13+50.00	17+87.69	RT/LT	2,191.03
21+09.13	24+85.00	RT/LT	1,756.42
	3,948		

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 HMA SURFACE COURSE, IL-9.5, MIX "D", N50

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)		
13+50.00	17+64.00	RT/LT	1,224.66		
21+33.00	24+85.00	RT/LT	860.95		
	ROUNDED TOTAL 2,08				

LIN ENGINEERING, LTD.

Consulting Engineers

Westmont, Illinois

JSER NAME = jkehn

LOT SCALE = 2.0000 ' / in.

PLOT DATE = 10/26/2022

PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)	
17+64.00	17+87.69	RT/LT	88.98	
21+09.14	21+33.00	RT/LT	88.45	
ROUNDED TOTAL 178				

FROM STATION	I I LT/RT I		TON	
13+20.00	17+64.00	RT/LT	145.64	
21+33.00	25+15.00	RT/LT	104.87	
ROUNDED TOTAL 25				

REVISED -

REVISED -

REVISED -

REVISED - 🛆 ADDENDUM A

DESIGNED - RC

DRAWN - RC

ST

10/2021

CHECKED -

DATE

HMA SURFACE REMOVAL - BUTT JOINT

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)			
13+20.00	13+50.00	RT/LT	75.66			
24+85.00	25+15.00	RT/LT	75.43			
ROUNDED TOTAL 152						

PAVEMENT REMOVAL

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
13+50.00	17+87.69	RT/LT	1,333.73
21+09.13	24+85.00	RT/LT	981.45
	2,316		

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SHEPLEY RD OVER F./ SCHEDULE OF QU

SCALE: N.T.S. SHEET 1 OF 2 SHEETS

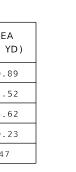
25+15.00	KI/LI	104.87	21+09.15	24+85.00	KI/LI	981.45	
ROUN	IDED TOTAL	251		ROUN	DED TOTAL	2,316	
		<u> </u>					

HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
13+66.00	14+03.00	RT	36.28
	37		

HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
24+71.00	25+47.00	RT	92.07
	93		



AGGREGATE WEDGE SHOULDER, TYPE B

FROM STATION	TO STATION	LT/RT	TON
13+20.00	13+70.79	RT	2.68
13+20.00	13+79.58	LT	4.44
14+05.68	17+30.00	LT	21.40
	29		

MODIFIED URETHANE PAVEMENT MARKING-LINE 4

FROM STATION	TO STATION	LT/RT	FOOT
17+79.00	21+00.00	RT	321.44
17+87.69	21+09.14	RT/LT	642.88
17+96.00	21+18.00	LT	321.44
ROUNDED TOTAL			1,286

GRADING AND SHAPING SHOULDERS

FROM STATION	TO STATION	LT/RT	UNIT
13+20.00	13+71.00	RT	0.51
13+20.00	13+79.58	LT	0.77
14+05.68	17+30.00	LT	3.41
ROUNDED TOTAL			5

BITUMINOUS MATERIAL (TACK COAT)

FROM STATION	TO STATION	LT/RT	POUND
13+50.00	17+64.00	RT/LT	826.64
21+33.00	24+85.00	RT/LT	581.14
13+66.00	14+03.00	RT	65.30
24+71.00	25+47.00	RT	186.44
ROUNDED TOTAL			1,660

REVISED SHEET 10/27/2022

A.I. ROUTE 80 UANTITIES		SECT	ΠON		COUNTY	TOTAL SHEETS	SHEET NO.
		2021-	007-B		WILL	71	9
					CONTRACT I	VO. 621	J41
S STA. TO STA.			ILLINOIS	FED, A	ID PROJECT		

GUARDRAIL REMOVAL

FROM STATION	TO STATION	LT/RT	FOOT
15+41.11	18+43.59	RT	302.47
15+87.73	18+62.73	LT	275.00
20+33.92	24+52.81	RT	418.90
20+53.05	24+91.91	LT	438.86
	1,436		

STEEL PLATE BEAM GUARDRAIL,

TYPE A 6 FOOT POSTS				
FROM STATION	TO STATION	LT/RT	FOOT	
14+02.00	17+89.00	RT	300.00	
20+81.00	24+53.00	RT	337.50	
21+08.00	24+92.00	LT	350.00	
ROUNDED TOTAL			987.5	

GUARDRAIL REFLECTORS, TYPE A

FROM STATION	TO STATION	LT/RT	EACH
14+02.00	17+89.00	RT	5
17+30.00	18+16.00	LT	4
20+81.00	24+53.00	RT	5
21+08.00	24+92.00	LT	5
		TOTAL	19

TRAFFIC BARRIER TERMINAL, TYPE 6

FROM STATION	TO STATION	LT/RT	EACH
17+93.90	17+95.89	RT	1
18+20.49	18+22.80	LT	1
20+75.53	20+77.84	RT	1
21+02.44	21+04.55	LT	1
		TOTAL	4

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

FROM STATION	TO STATION	LT/RT	EACH	
14+02.00	14+52.00	RT	1	
14+30.00	17+80.00	LT	1	
		TOTAL	2	

HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
13+95.91	17+89.00	RT	163.80
17+27.89	18+16.00	LT	37.17
20+81.00	24+53.00	RT	154.70
21+08.00	24+92.00	LT	167.79
	ROUNDED TOTAL		

TERMINAL MARKER - DIRECT APPLIED

FROM STATION	TO STATION	LT/RT	EACH
14+02.00		RT	1
17+30.00		LT	1
		TOTAL	2

WOVEN WIRE FENCE, 4

FROM STATION	TO STATION	LT/RT	FOOT
17+69.27	18+05.22	RT	58.72
18+36.02	18+52.83	LT	22.88
20+44.86	20+61.31	RT	25.11
20+92.52	21+20.31	LT	51.00
	ROUNDED TOTAL		

FENCE REMOVAL

FROM STATION	TO STATION	LT/RT	FOOT
17+69.27	18+08.70	RT	64.47
18+30.44	18+52.83	LT	30.47
20+44.86	20+65.13	RT	30.93
20+88.77	21+20.31	LT	57.48
	ROUN	DED TOTAL	184

TEMPORARY INFORMATION SIGNING

STREET	DESCRIPTION	DIRECTION	LT/RT	AREA (SQ FT)
SHEPLEY		EB	RT	24
SHEPLEY	ROAD WILL BE CLOSED	WB	RT	24
FRONTAGE		SB	RT	24
			TOTAL	72

PAVED DITCH REMOVAL

/1

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
14+50.00	17+05.00	RT	258.78
	ROUN	DED TOTAL	259

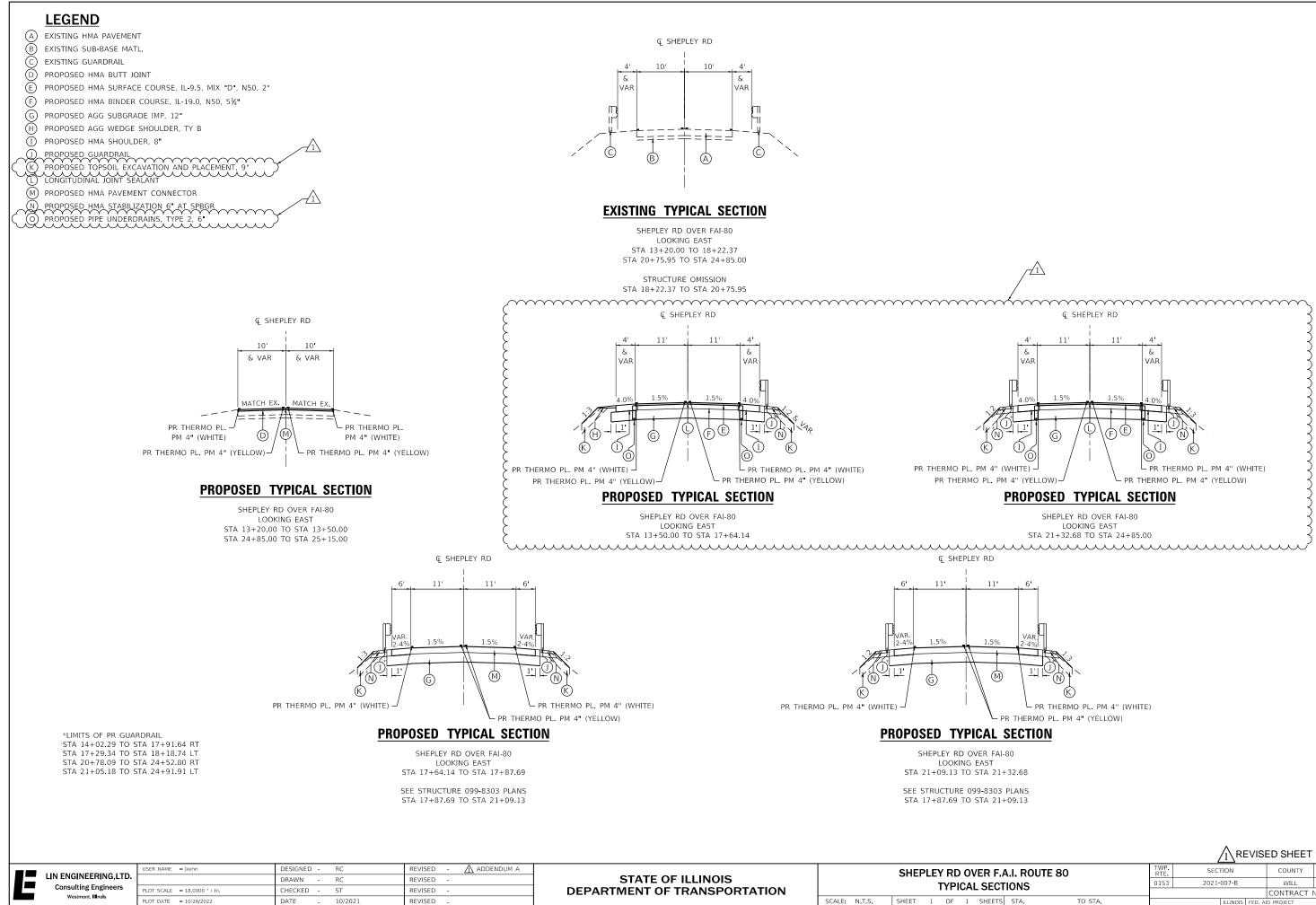
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LECTIVE PAV	/EMENT MARK	ER									
TO STATION	LT/RT	EACH									
24+85.00	RT/LT	26									
	TOTAL	26									
	TO STATION	STATIONLT/RT24+85.00RT/LT									

### THERMOPLASTIC PAVEMENT MARKING - LINE 4

FROM STATION	TO STATION	LT/RT	r   46.38     LT   60.00     r   80.74     r   376.29					
13+20.00	13+66.38	RT	46.38					
13+20.00	13+50.00	RT/LT	60.00					
13+20.00	13+79.91	LT	80.74					
14+02.90	17+79.00	RT	376.29					
14+05.68	17+96.00	LT	415.81					
14+37.00	17+87.69	RT/LT	700.60					
20+97.89	24+52.80	RT	352.17					
21+09.14	25+15.00	RT/LT	811.74					
21+18.00	25+15.00	LT	397.39					
	ROUNDED TOTAL							

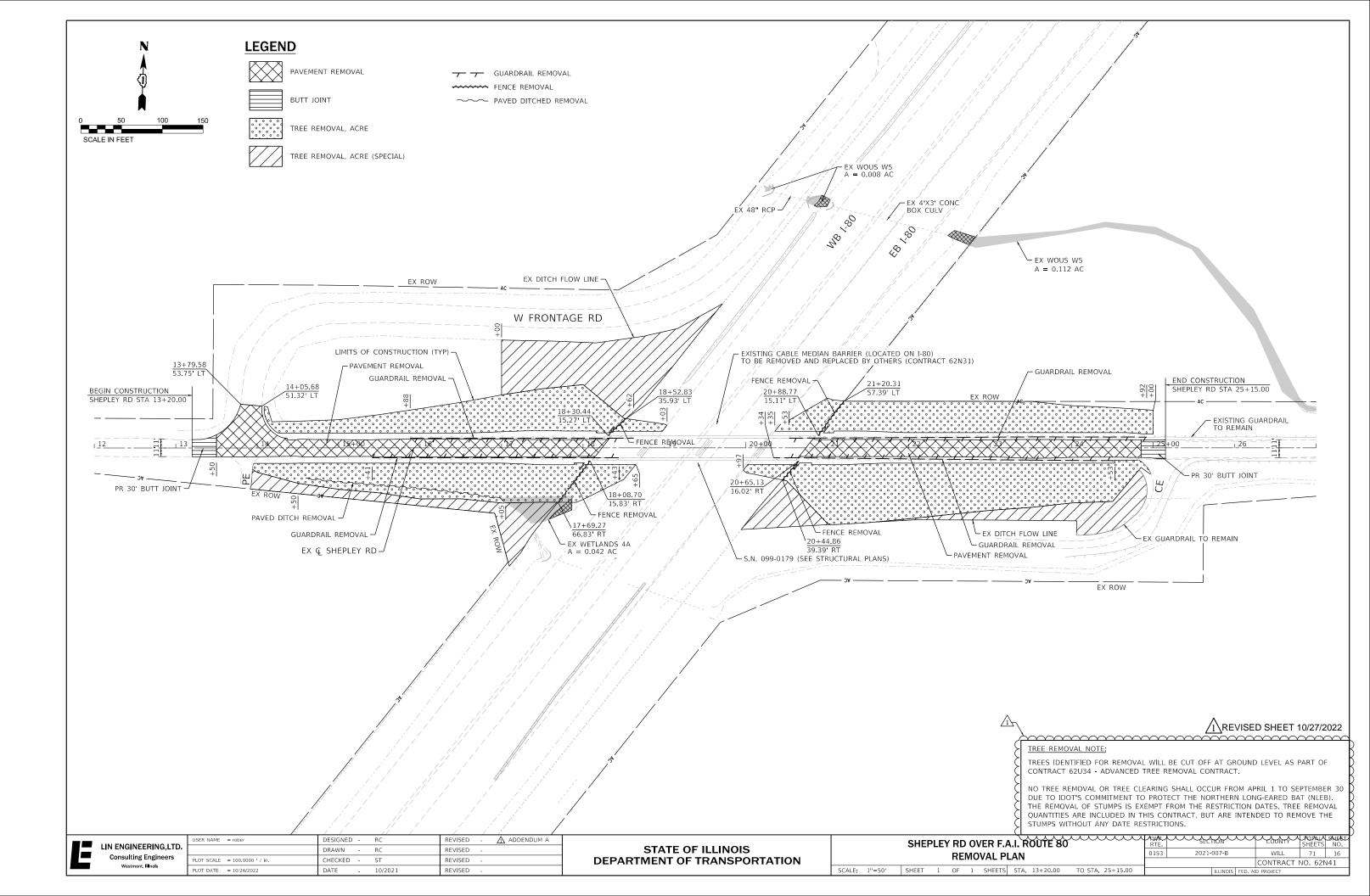
	USER NAME = jkehn	DESIGNED - RC	REVISED - 🛆 ADDENDUM A		SHEPLEY RD OVER F.A.I. ROUTE 80	TWP. RTE.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
Consulting Engineers	PLOT SCALE = 2.0000 / in	DRAWN - RC CHECKED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	0153	2021-007-B	WILL 71 10
Westmont, Illinois	PLOT DATE = 10/20/2022	DATE - 10/2021	REVISED -		SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. 4	AID PROJECT

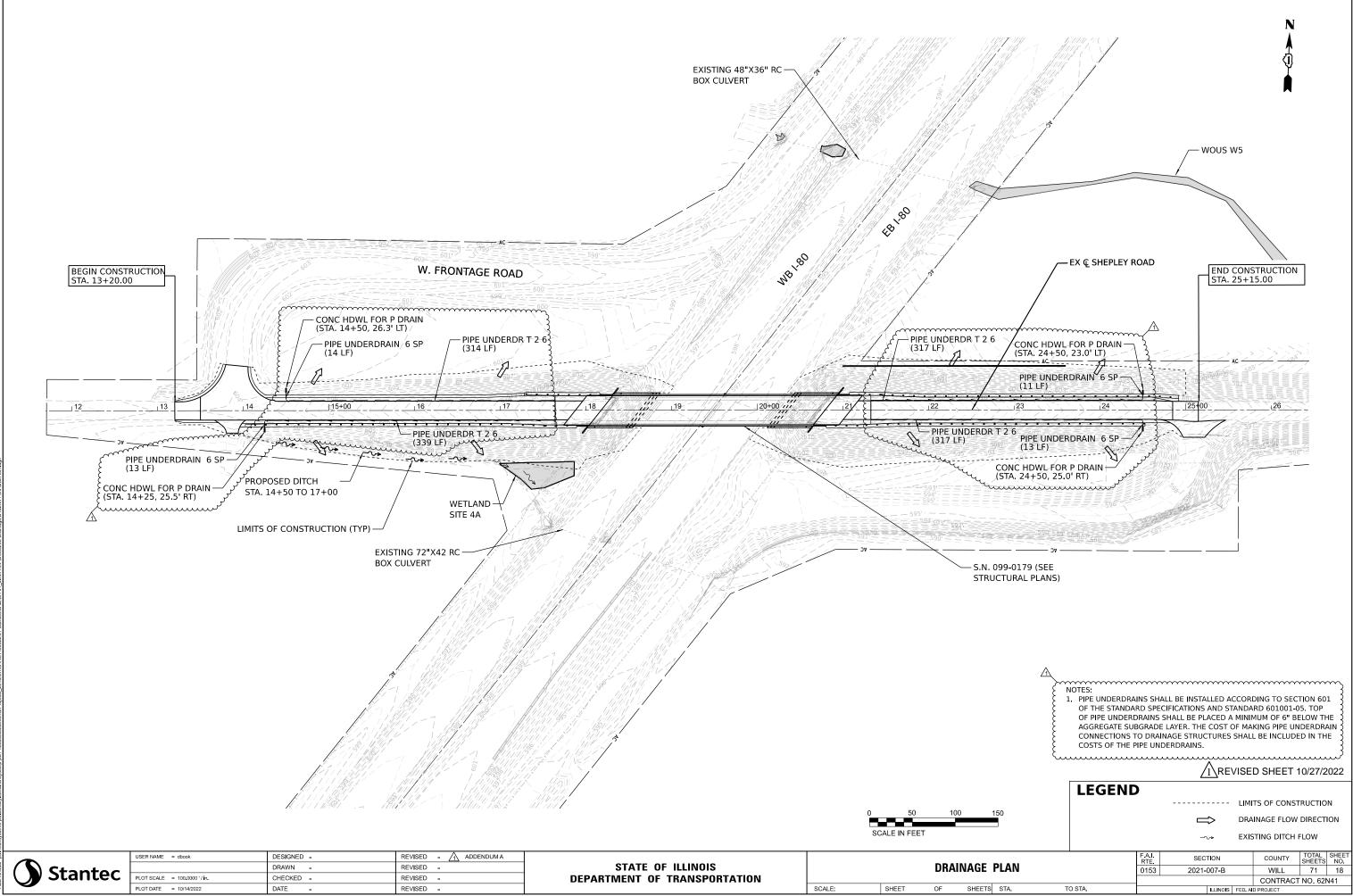
# 1 REVISED SHEET 10/27/2022



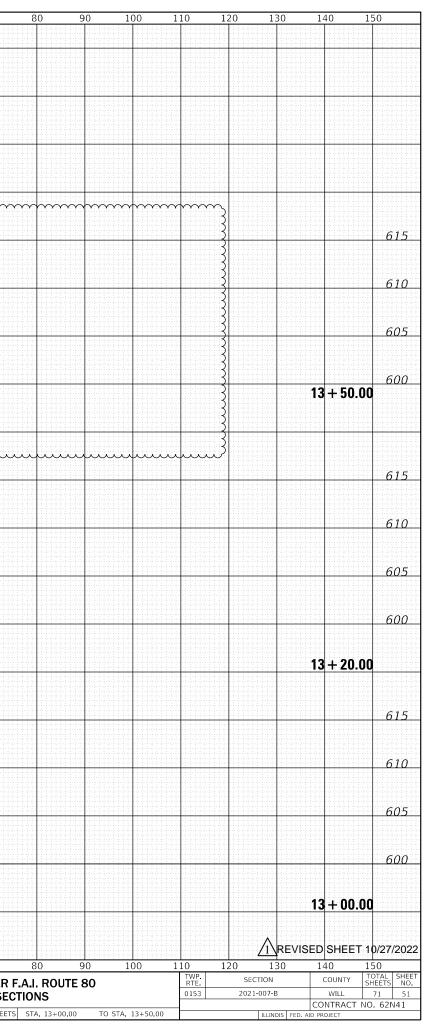
					<u></u>	101		10/21/	2022
. A	A.I. ROUTE	80	TWP. RTE	SEC	FION		COUNTY	TOTAL SHEETS	SHEET NO.
сτ	CTIONS			2021-	2021-007-B			71	13
	10113						CONTRACT I	NO. 621	141
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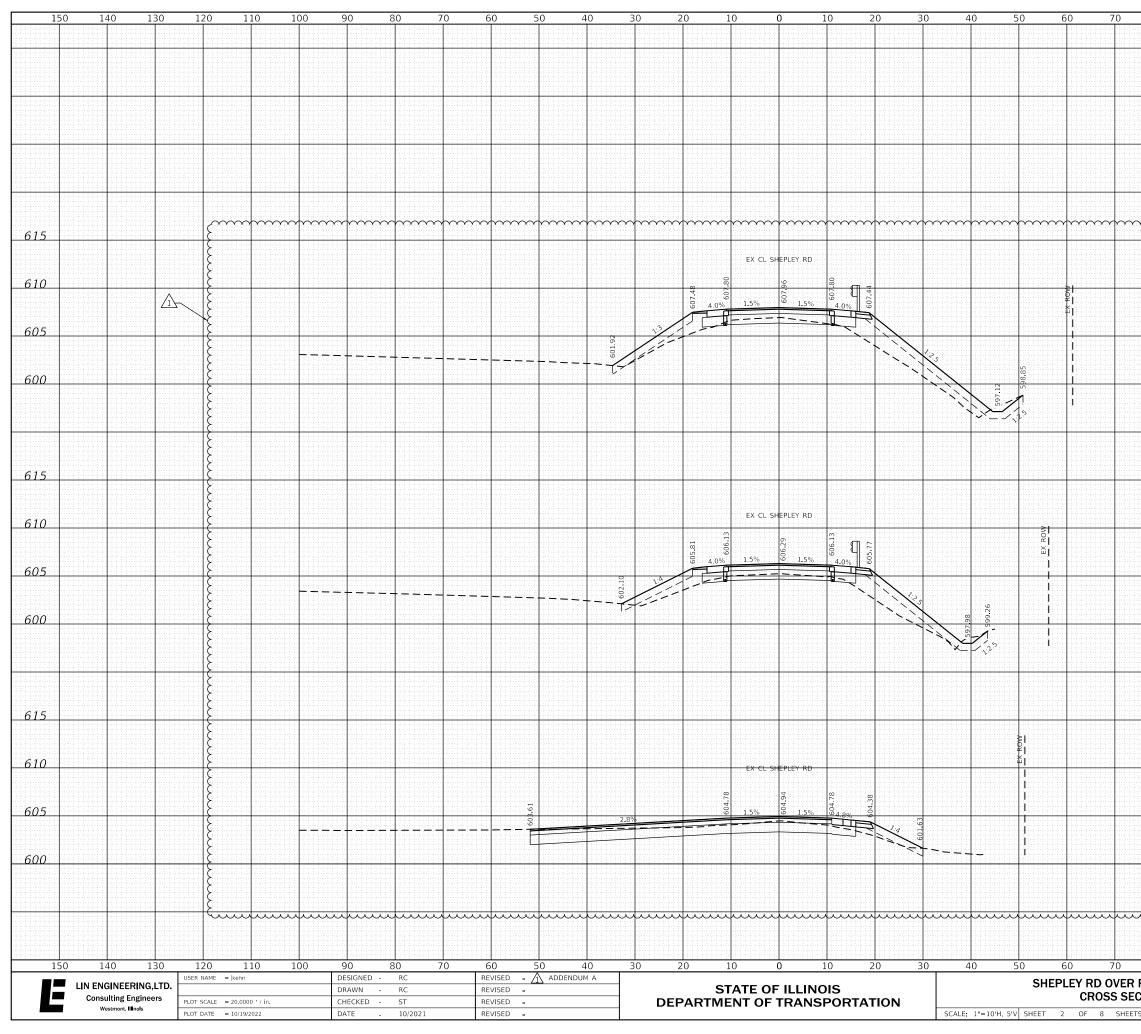
# A REVISED SHEET 10/27/2022



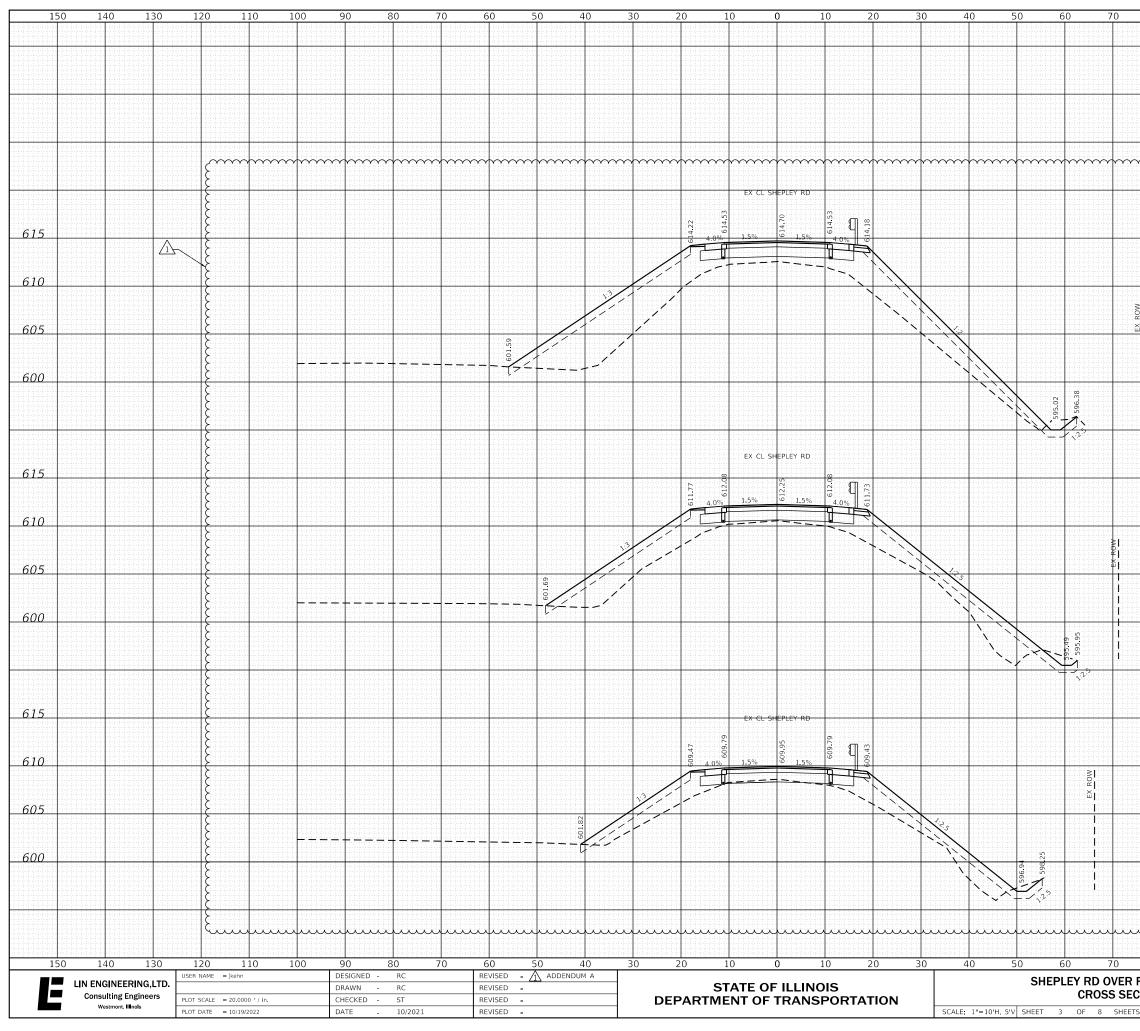


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605															602.09		603.95   						
610																EX CL S	SHEPLEY RD						
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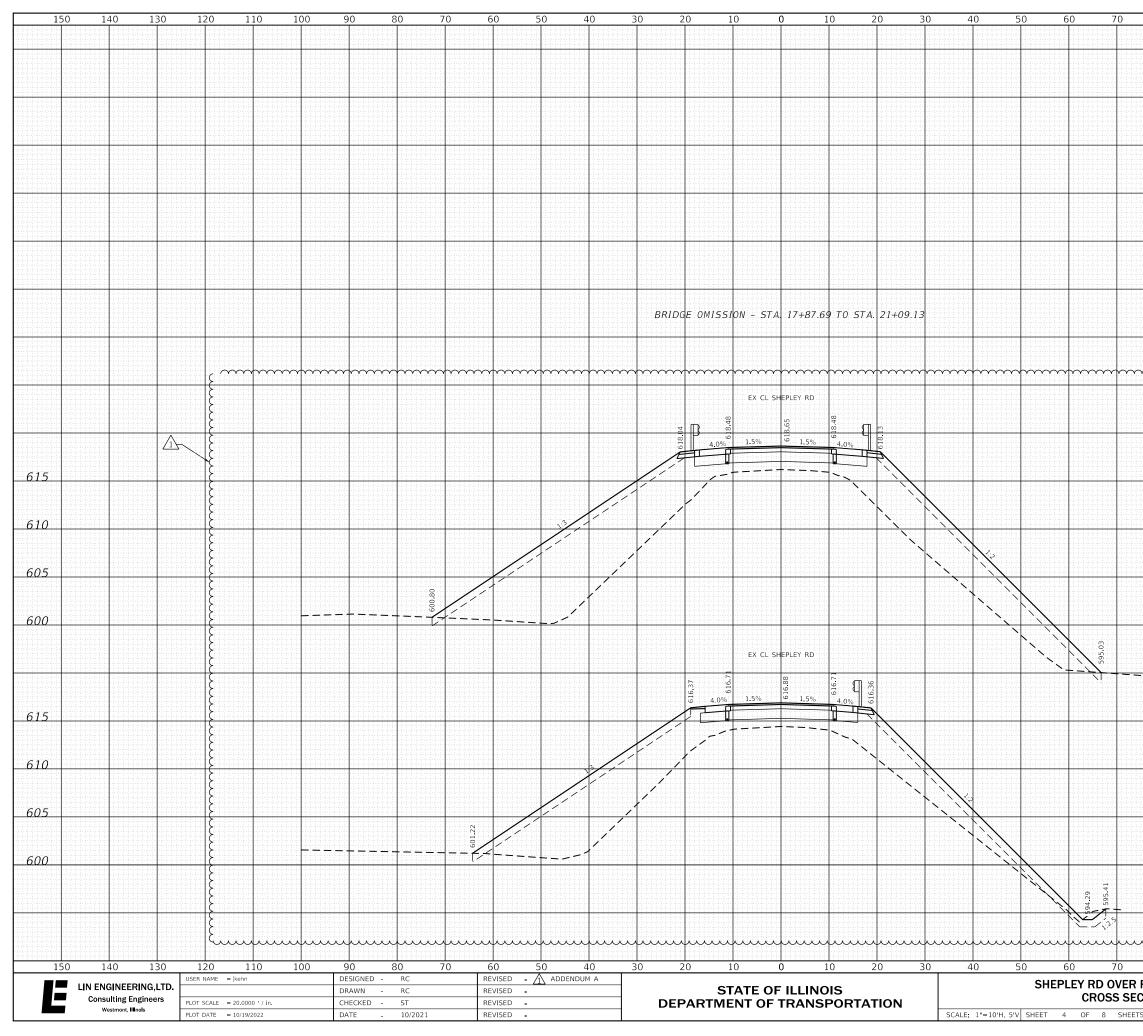




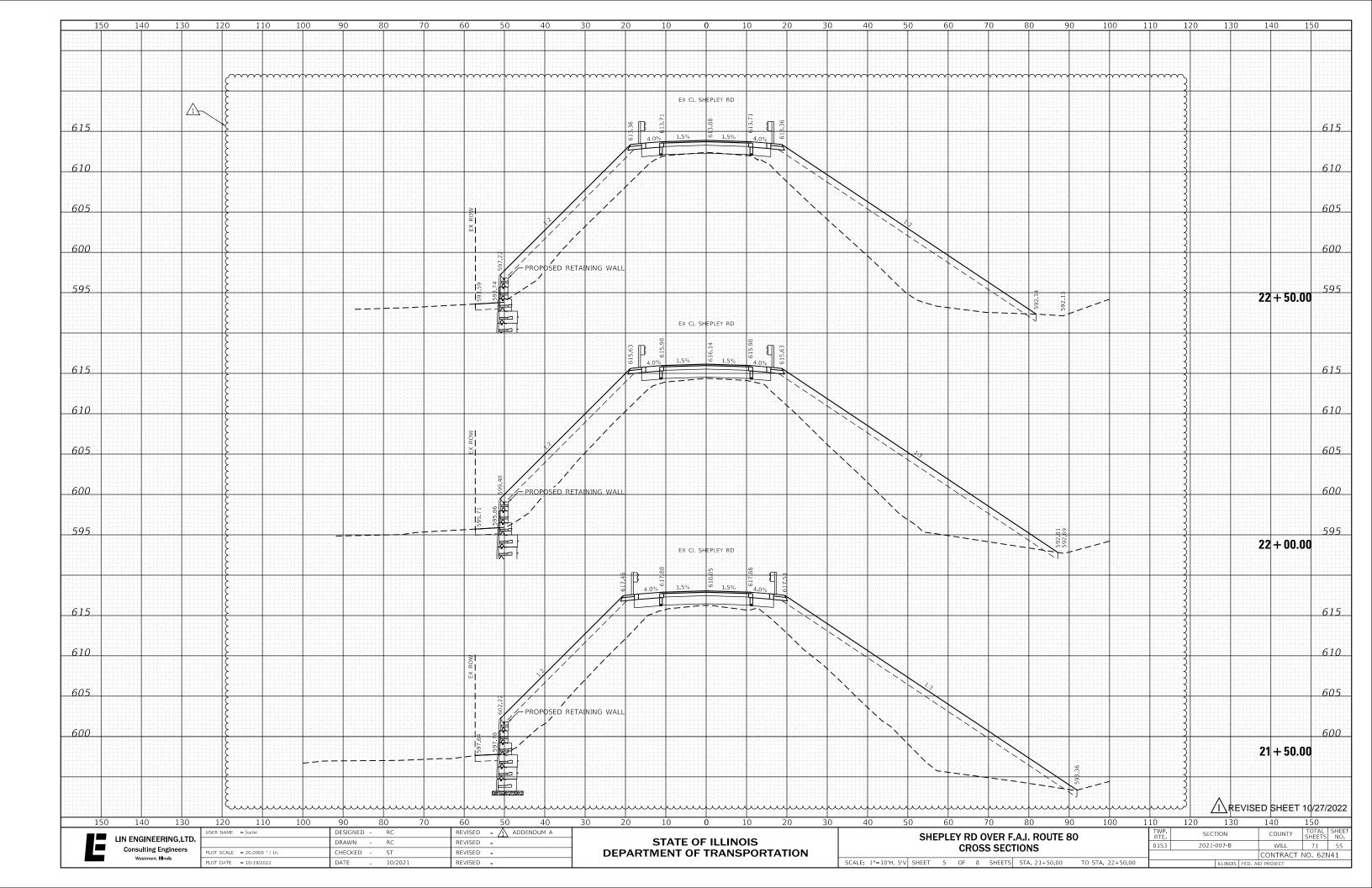
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				0153	2021-007-E		WILL	71 52 NO. 62N41
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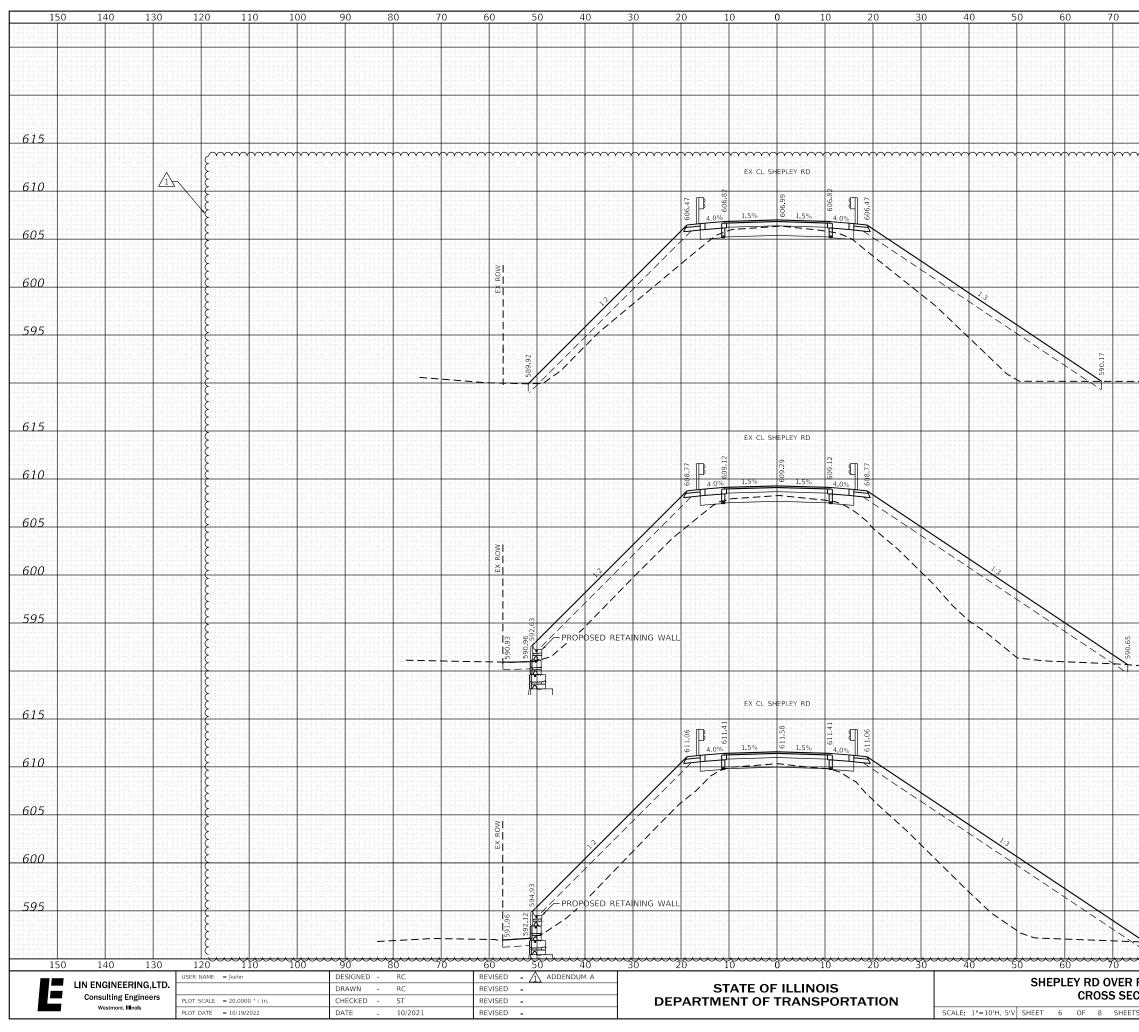


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