

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

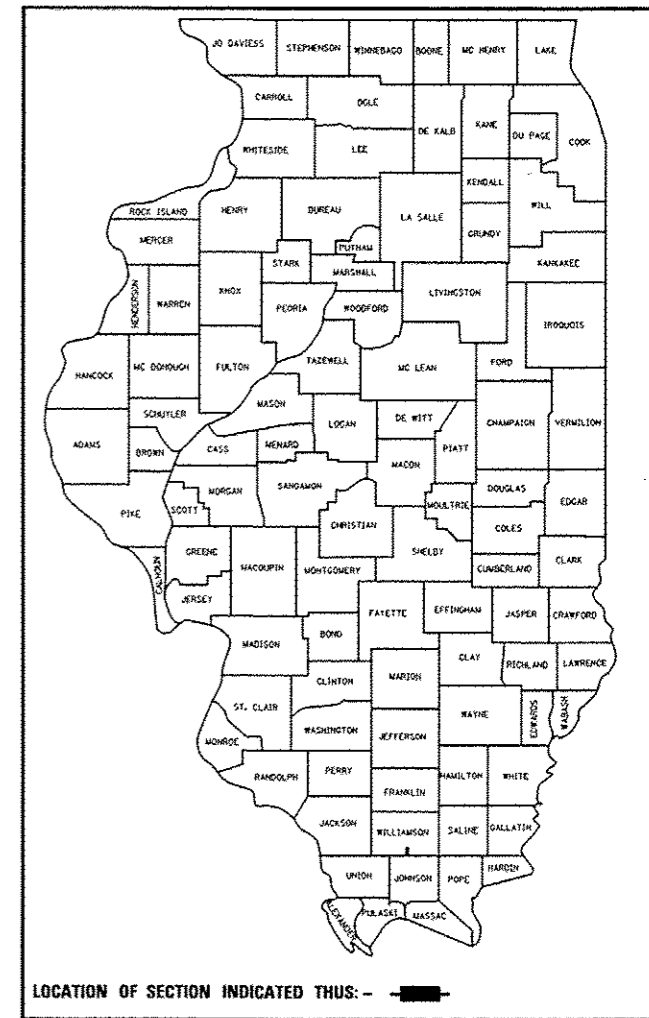
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 726 (IL 37)
SECTION D9 SAFETY 2013-1
PROJECT ACHSIP-0726 (063)
SAFETY IMPROVEMENT
WILLIAMSON COUNTY

C-99-051-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	1
		ILLINOIS	CONTRACT NO. 78320	

D-99-044-12



FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-9

TRAFFIC DATA

IL 37 TRAFFIC DATA
2011 ADT = 4,500 WITH 12.9% TRUCKS

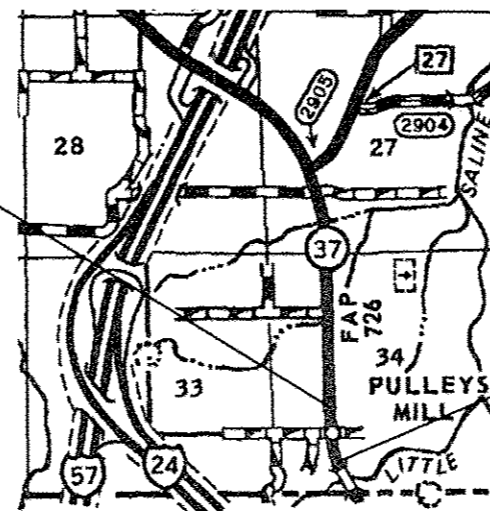
TOWNSHIPS

SOUTHERN



MAP NOT TO SCALE

PROJECT BEGINS
STA. 513+00



PROJECT ENDS
STA. 530+25



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SUSAN POE
DESIGNER: JAY KRANZ

CONTRACT NO. 78320

GROSS LENGTH = 1725.0 FT. = 0.33 MILE
NET LENGTH = 1725.0 FT. = 0.33 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *October 16* 20 *13*

Jeffrey Z. Kevin
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 6 20 *13*
John D. Baranzelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 6 20 *13*
Omar Osman P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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Prepared By:	<i>Joe Zdaniewicz</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>A. Travis Emery by NHT</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>Carrie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>Keel Kelly</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>David J. McLeod</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT MATERIALS ENGINEER

FILE NAME =	USER NAME = kranzjo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000 1/1 in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78320				
	PLOT DATE = 10/4/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE 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 BITUMINOUS MIXTURE IS PLACED.

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

ALL HOT- MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
RIPRAP	1.50 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.

SAWCUTS REQUIRED FOR BUTT JOINTS OR WHERE THE SURFACE REMOVAL ENDS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE REMOVAL.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ALL PAVEMENT MARKINGS SHALL BE LOCATED AND RECORDED BEFORE SURFACE REMOVAL AND/OR HOT-MIX ASPHALT PLACEMENT.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

ALL OBSTRUCTIONS WHICH ARE WITHIN THE CLEAR ZONE SHOWN ON THE TYPICAL SECTION, AND ARE NOT SHIELDED BY THE PROPOSED GUARDRAIL. TYPICAL OBSTRUCTIONS ARE HEADWALLS, FOUNDATIONS, ETC. WHICH PROJECT 4 IN. OR MORE ABOVE THE GROUNDLINE; AND TREES WHICH WILL MATURE TO A DIAMETER OF 4 IN. OR GREATER.

IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.

AFTER A LIFT OF HOT-MIX ASPHALT HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150°F.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

STATIONING SHOWN IN THE SCHEDULES IS BASED ON STAMPED STATIONS IN THE EXISTING PAVEMENT AND FROM OLD PLANS. MINOR ADJUSTMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

FORMS FOR CONCRETE GUTTER; CONCRETE CURB; COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

POROUS GRANULAR BACKFILL REQUIRED FOR PIPE CULVERTS, STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

EXISTING METAL END SECTIONS THAT ARE REQUIRED TO BE REMOVED SHALL BE INCLUDED IN THE COST OF CULVERT REMOVAL.

THE EXCAVATION AND BACKFILL REQUIRED FOR PIPE CULVERT REMOVAL IS INCLUDED IN THE COST OF PIPE CULVERT REMOVAL. NO ADDITIONAL COMPENSATION WILL BE GIVEN.

COMMITMENTS

BEFORE AND UPON COMPLETION OF THE DETOUR, THE RESIDENT ENGINEER AND A REPRESENTATIVE FROM JOHNSON COUNTY HIGHWAYS WILL CONDUCT A JOINT INSPECTION OF THE PORTIONS OF GOREVILLE ROAD TO BE USED AS A MARKED DETOUR ROUTE. THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE RESPONSIBLE FOR RESTORING THOSE PORTIONS OF GOREVILLE ROAD USED AS A MARKED DETOUR TO A SERVICEABLE CONDITION FOR VEHICULAR TRAFFIC IF DAMAGED DURING THE DETOUR OF TRAFFIC.

EXCESS EARTH EXCAVATION TO BE TRANSFERRED TO IDOT DEER PIT, LOCATED 1.0 MILES WEST OF THE IL 148/157 INTERCHANGE. COST OF TRANSPORTING EARTH EXCAVATION SHALL BE INCLUDED IN THE CONTRACT COST OF EARTH EXCAVATION. NO EXTRA COMPENSATION WILL BE GIVEN. CONTACT IDOT OPERATIONS BEFORE WORK BEGINS ON THIS PROJECT.

SEE COMMITMENT FILE

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	OPERATING RATING	INVENTORY RATING	POSTING	MTD APPROVAL
NONE	NOT RATED	NOT RATED	NONE	NO MTD USED

FILE NAME *	USER NAME * USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS STRUCTURES WITHIN PROJECT LIMITS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE * 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78320					
	PLOT DATE * 10/18/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

FUNDING:	HSIP
	90% FED 10% STATE
LOCATION:	RURAL
ROUTE:	FAP 726 (IL 37)
TOTAL QUANTITY	ROADWAY 0004

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	630	630
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	426	426
20200100	EARTH EXCAVATION	CU YD	14, 979	14, 979
20600110	GRANULAR EMBANKMENT, SPECIAL	TON	3, 652	3, 652
20900110	POROUS GRANULAR BACKFILL	CU YD	55	55
* 25000200	SEEDING, CLASS 2	ACRE	2. 7	2. 7
* 25000350	SEEDING, CLASS 7	ACRE	2. 7	2. 7
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	351	351
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	243	243
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	243	243
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	5. 4	5. 4
* 25100115	MULCH, METHOD 2	ACRE	5. 4	5. 4
* 25100630	EROSION CONTROL BLANKET	SQ YD	1, 111	1, 111
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	267	267

* SPECIALTY ITEM

FILE NAME *	USER NAME * USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES 1 OF 5	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FEO. AID PROJECT				

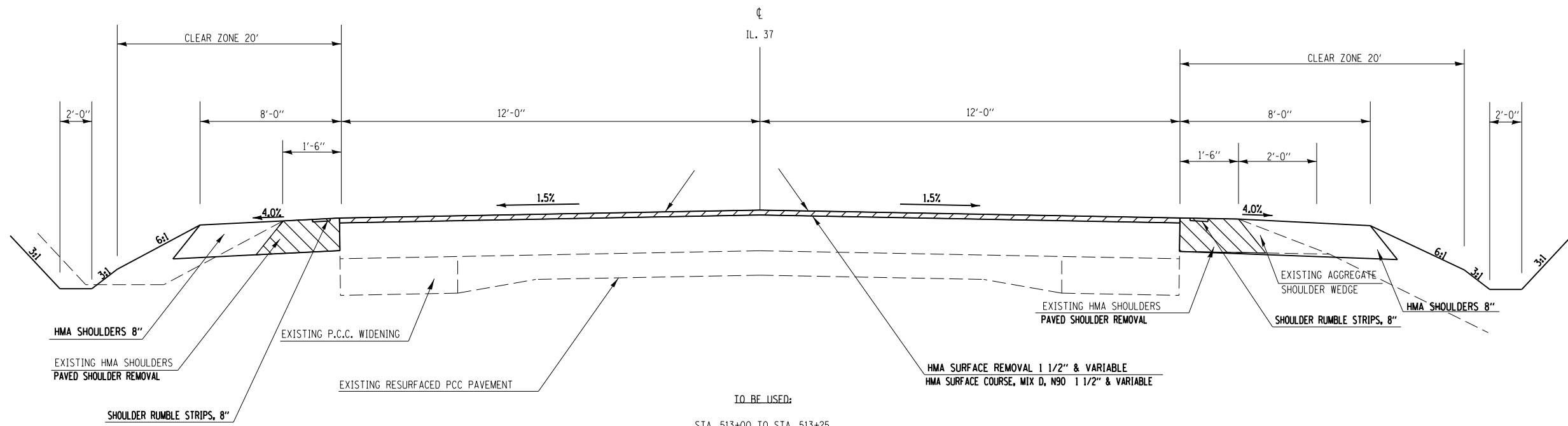
SUMMARY OF QUANTITIES - CONT

FUNDING:	HSIP
	90% FED 10% STATE
LOCATION:	RURAL
ROUTE:	FAP 726 (IL 37)
TOTAL QUANTITY	ROADWAY
	0004

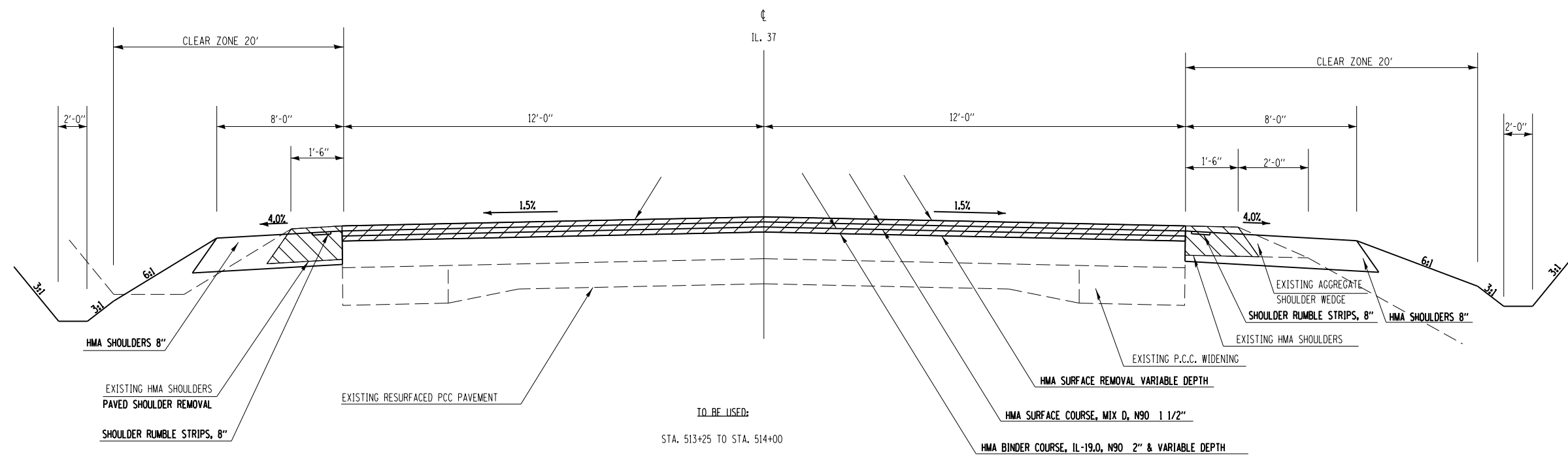
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
70300100	SHORT TERM PAVEMENT MARKING	FOOT	352	352
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5,835	5,835
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	38	38
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	59	59
* 72000100	SIGN PANEL - TYPE 1	SO FT	106	106
* 72000200	SIGN PANEL - TYPE 2	SO FT	45	45
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	44	44
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	22	22
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	797	797
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
* X7801004	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,835	5,835
* X7801024	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	38	38
* A2C060G5	TREE, QUERCUS PALUSTRIS (PIN OAK), CONTAINER GROWN, 5-GALLON	EACH	2	2
* D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	2	2

* SPECIALTY ITEM

FILE NAME *	USER NAME * USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES 5 OF 5	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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TO BE USED:
 STA. 513+00 TO STA. 513+25



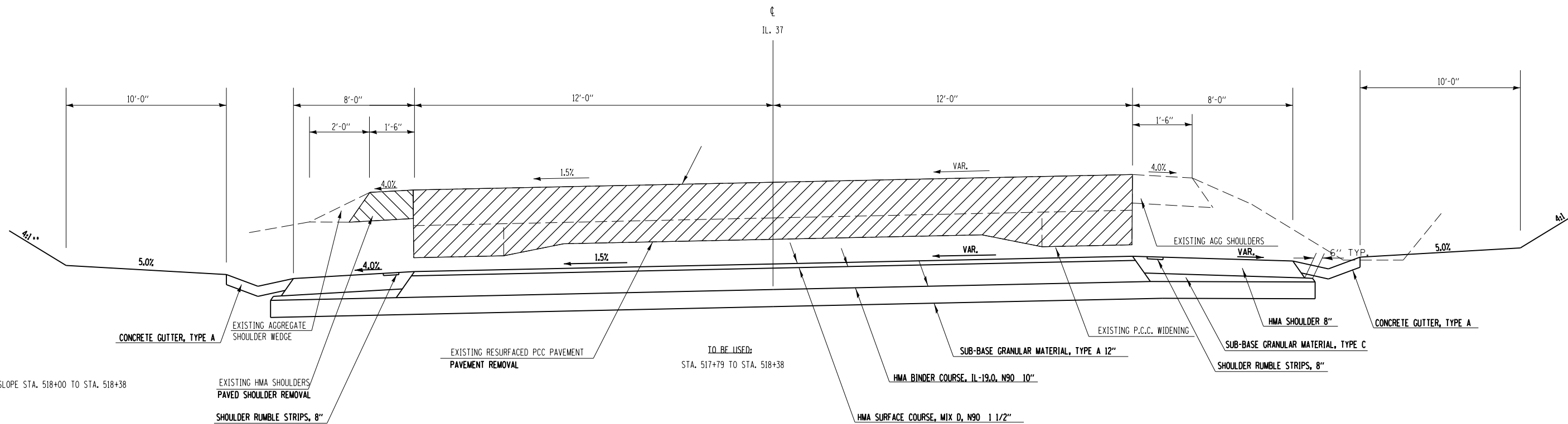
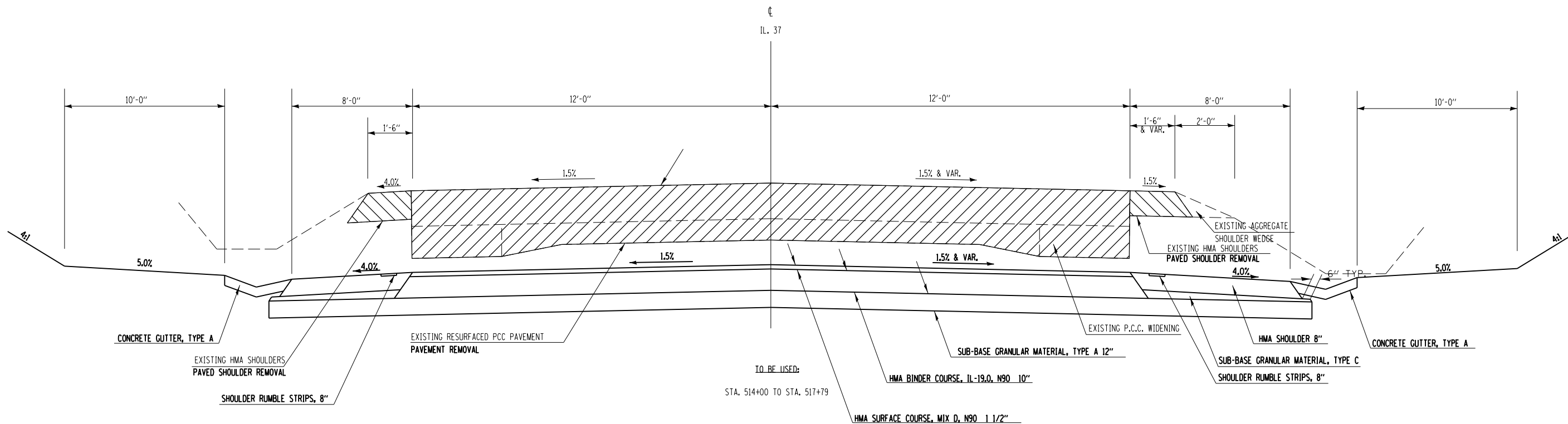
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 STA. 513+25 TO STA. 514+00

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICALS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	10
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				



** 3:1 SLOPE STA. 518+00 TO STA. 518+38

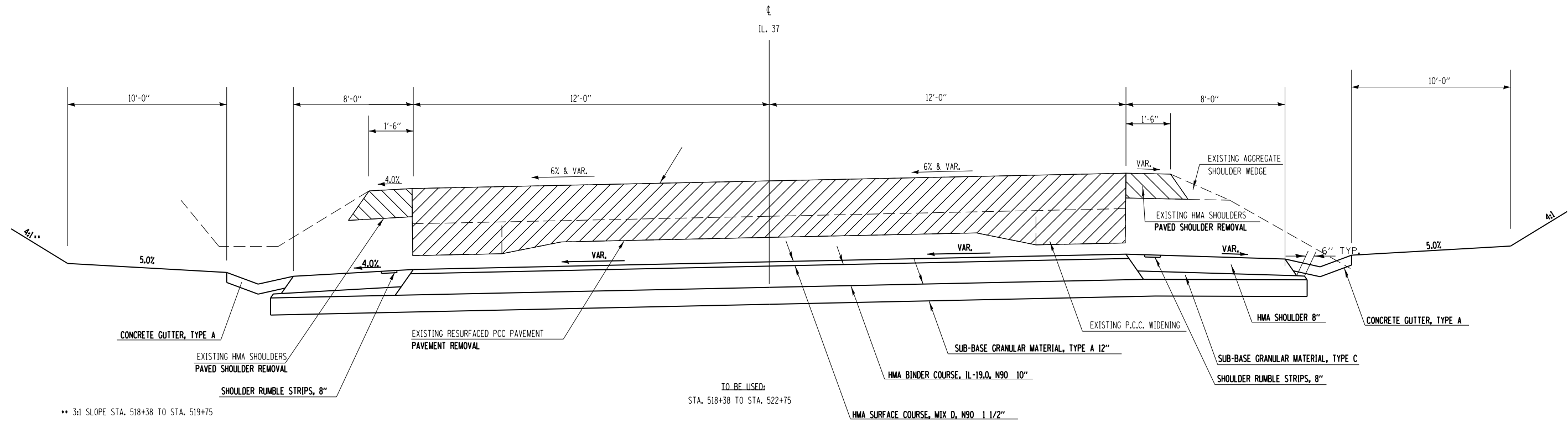
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

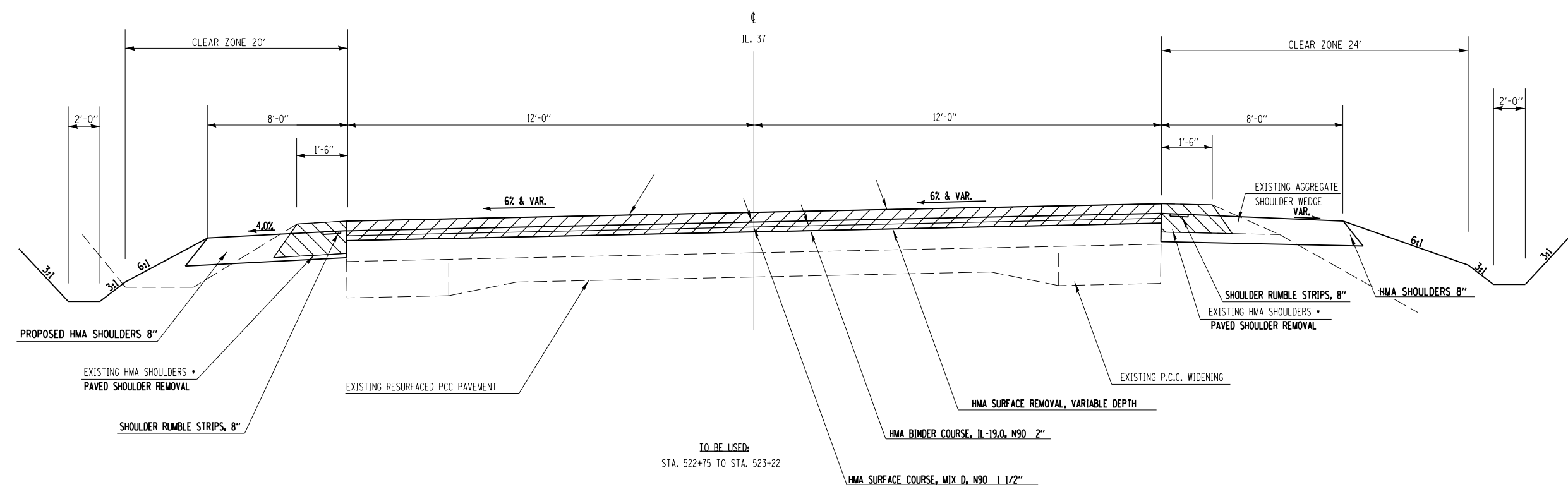
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	11
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				



•• 3:1 SLOPE STA. 518+38 TO STA. 519+75

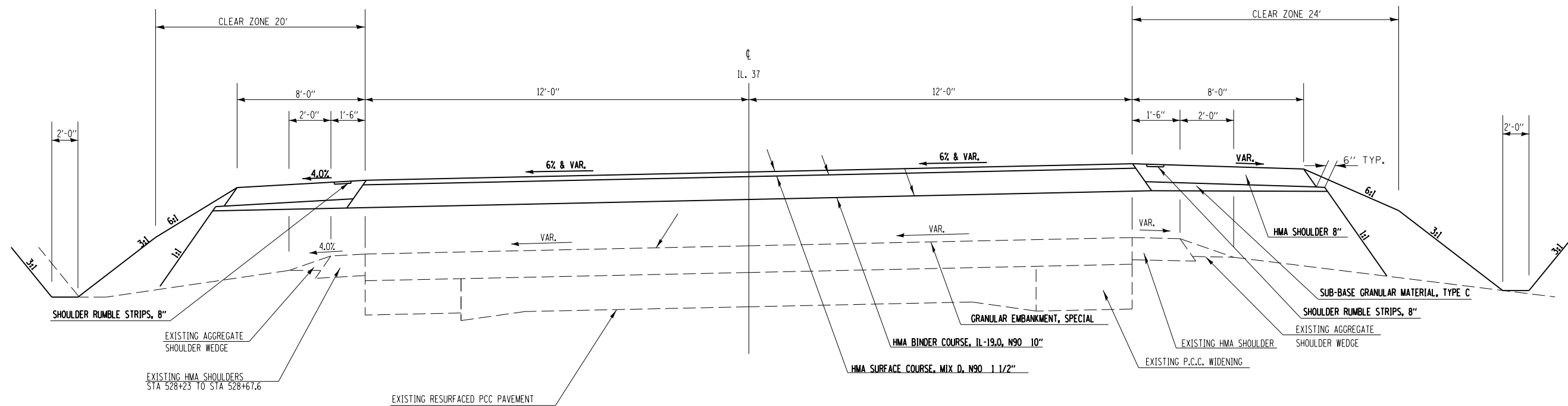
TO BE USED:
STA. 518+38 TO STA. 522+75



TO BE USED:
STA. 522+75 TO STA. 523+22

• SHOULDER ENDS AT STA. 523+16.4

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	PLOT DATE = 10/18/2013	CHECKED -	REVISED -		CONTRACT NO. 78320							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



TO BE USED:
 STA. 523+22 TO STA. 528+67.6

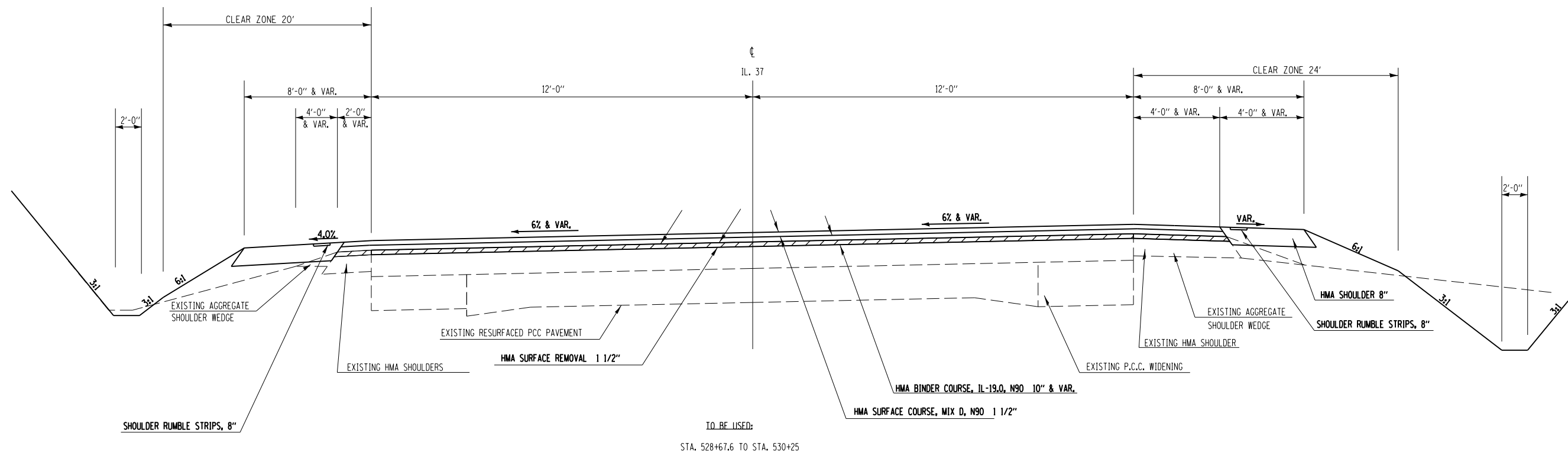
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**STATE OF ILLINOIS
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726	D9 SAFETY 2013-1	WILLIAMSON	112	13
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	



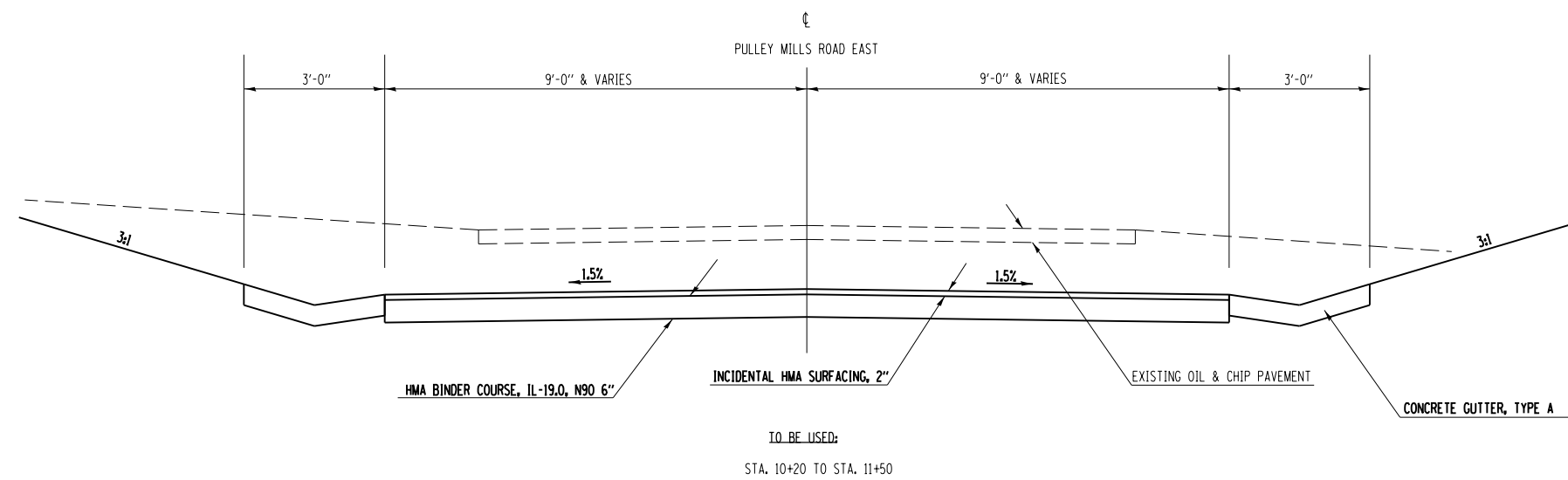
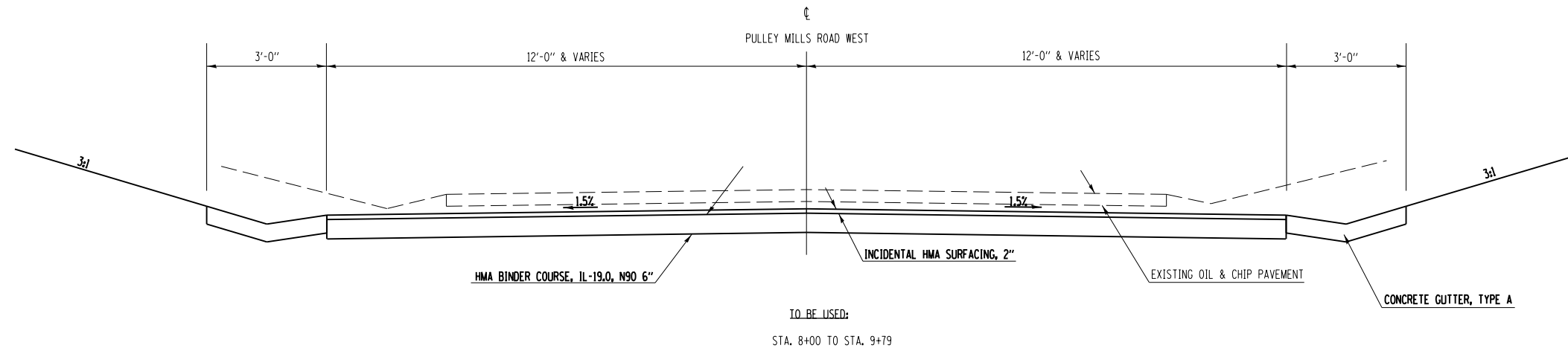
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 78320	

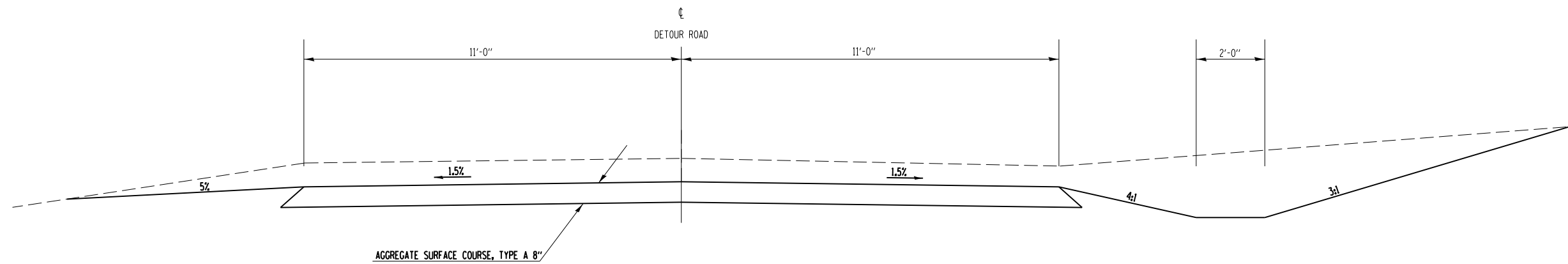


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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICALS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	15
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				



TO BE USED:
 STA. 100+00 TO STA. 103+42.02

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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICALS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	16
				CONTRACT NO. 78320
ILLINOIS FED. AID PROJECT				

HMA PAVEMENT SCHEDULE

LOCATION STA TO STA	HMA SURFACE COURSE, MIX "D", N90 TON	HMA BINDER COURSE, IL-19.0 N90 TON	SUBBASE GRANULAR MATERIAL TYPE A, 12" SQ YD	GRANULAR EMBANKMENT, SPECIAL TON	HMA SURFACE REMOVAL, VARIABLE DEPTH SQ YD	PAVEMENT REMOVAL SQ YD	TEMPORARY RAMP SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON
STA. 513+00.							13.5		
STA. 513+00. TO STA. 513+50.	11.3				133.3			12.1	0.2
STA. 513+50. TO STA. 514+00.	11.3	10.4			133.3			12.2	0.2
STA. 514+00. TO STA. 522+75.	197.0	1,365.5	4,200.0			2,334.0		806.4	3.5
STA. 522+75. TO STA. 523+16.4	9.3	38.3			110.4			10.7	0.2
STA. 523+16.4 TO STA. 523+80.	14.3	58.8						16.5	0.3
STA. 523+80. TO STA. 528+67.6	109.8	760.9		3,652.0				449.4	2.0
STA. 528+67.6 TO STA. 529+42.8	16.9	62.1			200.5			19.5	0.3
STA. 529+42.8 TO STA. 530+25.	19.1				219.5			20.2	0.3
STA. 530+25.							13.5		
SCHEDULE TOTAL	389.0	2,296.0	4,200.0	3,652.0	797.0	2,334.0	27.0	1,347.0	7.0
FROM ENTRANCE SCHEDULE		264				785		330	
FROM SHOULDER SCHEDULE								953	
PROJECT TOTAL	389	2,560	4,200	3,652	797	3,119	27	2,630	7

ENTRANCE SCHEDULE

LOCATION STA TO STA	INCIDENTAL HMA SURFACING	HMA BINDER COURSE, IL-19.0 N90	AGGREGATE BASE COURSE TYPE A	BITUMINOUS MATERIALS (PRIME COAT)	PAVEMENT REMOVAL	AGGREGATE SURFACE COURSE, TYPE A 8"	AGGREGATE SURFACE COURSE, TYPE B
	TON	TON	TON	GALLON	SQ YD	SQ YD	TON
RT STA. 513+81.25	9.3		18.8	26.4			
LT STA. 514+09.35						373.9	
LT STA. 516+75.00						255.0	
LT STA. 520+73.71 PULLEYS MILL ROAD	30.5	91.6	62.1	87.2	272.5		
RT STA. 520+77.47 PULLEYS MILL ROAD	57.4	172.4	116.7	164.0	512.5		
LT STA. 521+41.72						59.0	
LT STA. 523+39.58						126.6	
LT STA. 526+68.17						72.7	
STA. 100+00.00 TO STA. 103+42.02 DETOUR RD						864.0	
LT STA 8+99.00 PULLEYS MILL ROAD						51.9	
RT STA 9+04.60 PULLEYS MILL ROAD						40.6	
LT STA 10+67.80 PULLEYS MILL ROAD	18.8		37.4	52.4			
RT STA 10+90.30 PULLEYS MILL ROAD						63.4	
* LT STA 513+50 TO STA 521+74 *							972.0
SCHEDULE TOTAL	116.0	264.0	235.0	330.0	785.0	1,907.0	972.0
FROM HMA PAVEMENT SCHEDULE		2296		1347	2334		
FROM SHOULDER SCHEDULE				953			
PROJECT TOTAL	116	2,560	235	2,630	3,119	1,907	972

* TO MAINTAIN TEMPORARY EASEMENT FOR LOCAL TRAFFIC

DRAINAGE SCHEDULE

LOCATION STA TO STA	PIPE CULVERTS, CLASS A, TYPE 1		PIPE CULVERTS, CLASS D, TYPE 1		PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	END SECTIONS		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	MANHOLES, TYPE A 5' -DIAMETER, TYPE 9 FRAME AND GRATE	POROUS GRANULAR BACKFILL
	30"	36"	15"	30"	FOOT	15"	30"	EACH	EACH	EACH	CU YD
	FOOT	FOOT	FOOT	FOOT		EACH	EACH				
RT STA 513+81.25			48.0			2.0					
LT STA 520+73.71	46.0							1.0		1.0	5.1
RT STA 520+77.47	48.0							1.0		1.0	5.6
LT STA 521+47.29				44.0			2.0				
LT STA 523+86.8				43.0			2.0				
RT STA 523+25.24					44.0						
STA 525+01.08		98.0							2.0		44.3
LT STA 526+56.47			40.0			2.0					
PROJECT TOTAL	94	98	88	87	44	4	4	2	2	2	55

DRAINAGE REMOVAL SCHEDULE

LOCATION STA TO STA	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	REMOVING INLETS
	EACH	FOOT	EACH
RT STA 513+81.25		53	
RT STA 516+60.91	1	34	
LT STA 519+91.83		28	
LT STA 520+73.71		48	
RT STA 520+77.47	2	32	
LT STA 521+47.29		28	
RT STA 523+25.24		44	
LT STA 523+86.8		34	
STA 525+01.08	1	74	1
LT STA 526+56.47		48	
RT STA 527+42.7		20	1
PROJECT TOTAL	4	443	2

EARTHWORK SCHEDULE

LOCATION STA TO STA	EARTH EXCAVATION	FOR INFORMATION ONLY					BORROW EXCAVATION
		AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE	BORROW SWELL FACTOR	
		CU YD	%	CU YD	CU YD	WASTE (+) SHORTAGE (-) CU YD	
STA 513+00 TO STA 520+75.	8,510	30.2%	5,939	133	5,806		
STA 520+75. TO STA 523+50. STAGE 1: DETOUR ROAD	1,601	36.8%	1,012	5	1,007		
STA 520+75. TO STA 523+50. STAGE 2: MAINLINE	2,529	33.1%	1,693	42	1,651		
STA 520+75. TO STA 523+50. STAGE 3: FINAL	831	22.9%	641	537	104		
STA 523+50. TO STA 530+25.	716	18.0%	587	3,561	-2,974		
STA 8+00. TO STA 9+60. PULLEYS MILL RD	476	36.7%	301	11	290		
STA 10+40. TO STA 11+50. PULLEYS MILL RD	316	36.8%	199	5	194		
PROJECT TOTAL	14,979				6,078	25.0%	0

* BORROW PIT SHRINKAGE = 25%

BORROW SWELL FACTOR = 1/(1-25%) = 1.33

SEEDING SCHEDULE

LOCATION STA TO STA				SEEDING, CLASS 2	SEEDING, CLASS 7	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE
				ACRE	ACRE	TON	POUND	POUND	POUND	ACRE
LT	STA 513+00.	TO	STA 514+09.35	0.06	0.06	0.12	7.8	5.4	5.4	0.12
LT	STA 514+09.35	TO	STA 516+75.	0.05	0.05	0.10	6.5	4.5	4.5	0.10
LT	STA 516+75.	TO	STA 520+95.3	0.35	0.35	0.70	45.5	31.5	31.5	0.70
LT	STA 520+95.3	TO	STA 523+39.58	0.24	0.24	0.48	31.2	21.6	21.6	0.48
LT	STA 523+39.58	TO	STA 526+68.17	0.17	0.17	0.34	22.1	15.3	15.3	0.34
LT	STA 526+68.17	TO	STA 530+25.	0.22	0.22	0.44	28.6	19.8	19.8	0.44
RT	STA 513+00.	TO	STA 513+81.25	0.06	0.06	0.12	7.8	5.4	5.4	0.12
RT	STA 513+81.25	TO	STA 520+53.9	0.43	0.43	0.86	55.9	38.7	38.7	0.86
RT	STA 520+53.9	TO	STA 530+25.	1.12	1.12	2.24	145.6	100.8	100.8	2.24
PROJECT TOTAL				2.7	2.7	5.4	351.0	243.0	243.0	5.4

TREE REMOVAL SCHEDULE

LOCATION STA TO STA	TREE REMOVAL (6 TO 15 UNITS DIAMETER)		TREE REMOVAL (OVER 15 UNITS DIAMETER)	
	OFFSET	UNIT	OFFSET	UNIT
	RT STA 519+40.7			33.9
RT 519+54.6	37.5	6		
LT 519+65.6			60.6	32
RT 519+90.4	33.3	9		
RT 519+95.5	36.9	10		
RT 519+95.8 STUMP	34.0	12		
RT 520+00.6	37.2	7		
RT 520+03.6	33.2	10		
RT 520+06.9	37.5	9		
RT 520+08.6	33.7	12		
RT 520+15.8	36.7	9		
RT 520+17.6	33.1	7		
RT 520+20.4	36.3	9		
RT 520+22.3	32.7	9		
RT 520+24.6	36.2	7		
RT 520+26.2	32.4	9		
RT 520+26.9			88.7	25
RT 520+28.9	37.3	10		
RT 520+31.9 STUMP	40.9	6		
RT 520+36.3 STUMP	42.7	7		
RT 520+36.8	31.4	13		
RT 520+36.9 STUMP	57.0	7		
RT 520+37.1 STUMP	61.2	6		
RT 520+38.6 STUMP	32.1	6		
RT 520+38.8	65.0	12		
RT 520+40.3	73.8	9		
RT 520+40.6 STUMP	44.5	6		
RT 520+40.8 STUMP	59.5	7		
RT 520+41. STUMP	63.3	7		
RT 520+41.2 STUMP	67.6	10		
RT 520+41.8 STUMP	72.4	9		
RT 520+43.3 STUMP	32.1	9		
RT 520+43.6 STUMP	36.7	6		
LT 521+71.8			52.5	16
LT 521+84.2			63.0	18
LT 521+95.4			52.2	28
LT 522+10.			58.4	38
RT 522+10.7	96.0	6		
RT 522+22.7	36.9	12		
RT 522+22.9			34.2	18
RT 522+31.5	35.2	8		
RT 522+31.9	36.8	8		
RT 522+32.	39.4	10		
RT 522+47.9			58.9	18
RT 522+48.9			90.6	23

LOCATION STA TO STA	TREE REMOVAL (6 TO 15 UNITS DIAMETER)		TREE REMOVAL (OVER 15 UNITS DIAMETER)	
	OFFSET	UNIT	OFFSET	UNIT
	RT 522+63.5	33.1	12	
RT 522+64.8	32.1	12		
RT 522+69.3			95.2	17
RT 522+80.3	77.7	14		
RT 522+82.6			65.8	18
RT 522+87.9	31.3	12		
RT 522+93.8	74.6	13		
RT 523+08.5	65.1	10		
RT 523+13.5			33.3	46
RT 523+18.9	60.6	14		
RT 523+59.5			37.5	14
RT 525+84.6 STUMP			63.0	24
RT 525+87.6	73.2	13		
RT 525+90.8			65.6	18
RT 525+95.8	71.7	8		
RT 526+03.	61.5	11		
RT 526+09.1	71.0	9		
RT 526+09.3	68.8	11		
RT 526+18.8	71	9		
RT 526+23.7	71.4	8		
RT 526+23.9	71.5	8		
RT 526+24.8	68.9	14		
RT 526+38.5			66.1	22
PULLEYS MILL				
LT 7+94.5 STUMP	25.2	14		
LT 8+01.1	18.2	15		
LT 8+01.3 STUMP	13.7	14		
LT 8+08.3	14.7	13		
LT 8+11.2	15.6	6		
LT 8+17.7	21.4	6		
LT 8+17.7			14.8	18
LT 8+20.2	22.7	6		
LT 8+22.7	19.6	6		
LT 8+26.4	15.0	8		
LT 8+30.1	20.7	8		
LT 8+35.7	20.0	9		
LT 8+35.7			18.3	17
LT 8+45.3	17.5	7		
LT 8+51.9 STUMP	16.7	7		
LT 8+63.5	21.0	7		
LT 8+67.7	21.5	6		
LT 8+70.8	22.0	14		
LT 8+76.4	23.0	7		
PROJECT TOTAL				
		630	426	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE - TREE REMOVAL			
SCALE:	SHEET OF	SHEETS STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	24
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION STA TO STA	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, - LINE 4"				SHORT TERM PAVEMENT MARKING FOOT	WORK ZONE PAVEMENT REMOVAL SQ FT	TEMPORARY PAVEMENT MARKING, - LINE 4"				RAISED REFLECTIVE PAVEMENT MARKER REMOVAL SQ FT	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL SQ FT
	YELLOW		WHITE	- LINE 24" FOOT			YELLOW		WHITE	- LINE 24" FOOT		
	SOLID	SKIP DASH	SOLID				SOLID	SKIP DASH	SOLID			
	FOOT	FOOT	FOOT				FOOT	FOOT	FOOT			
STA 513+00.00 TO STA 518+00.00	500.0	130.0	1,000.0		104	17	500.0	130.0	1,000.0		6	13
STA 518+00.00 TO STA 521+00.00	600.0		600.0		64	11	600.0		600.0		4	8
STA 521+00.00 TO STA 530+25.00	925.0	230.0	1,850.0		184	31	925.0	230.0	1,850.0		12	23
STA 9+78.00 PULLEYS MILL RD					20.0						20.0	
STA 10+22.00 PULLEYS MILL RD					18.0						18.0	
SUB TOTALS	2,025.0	360.0	3,450.0				2,025.0	360.0	3,450.0		38.0	
PROJECT TOTALS	5,835.0				38.0	352	59	5,835.0			22	44

SIGN SCHEDULE

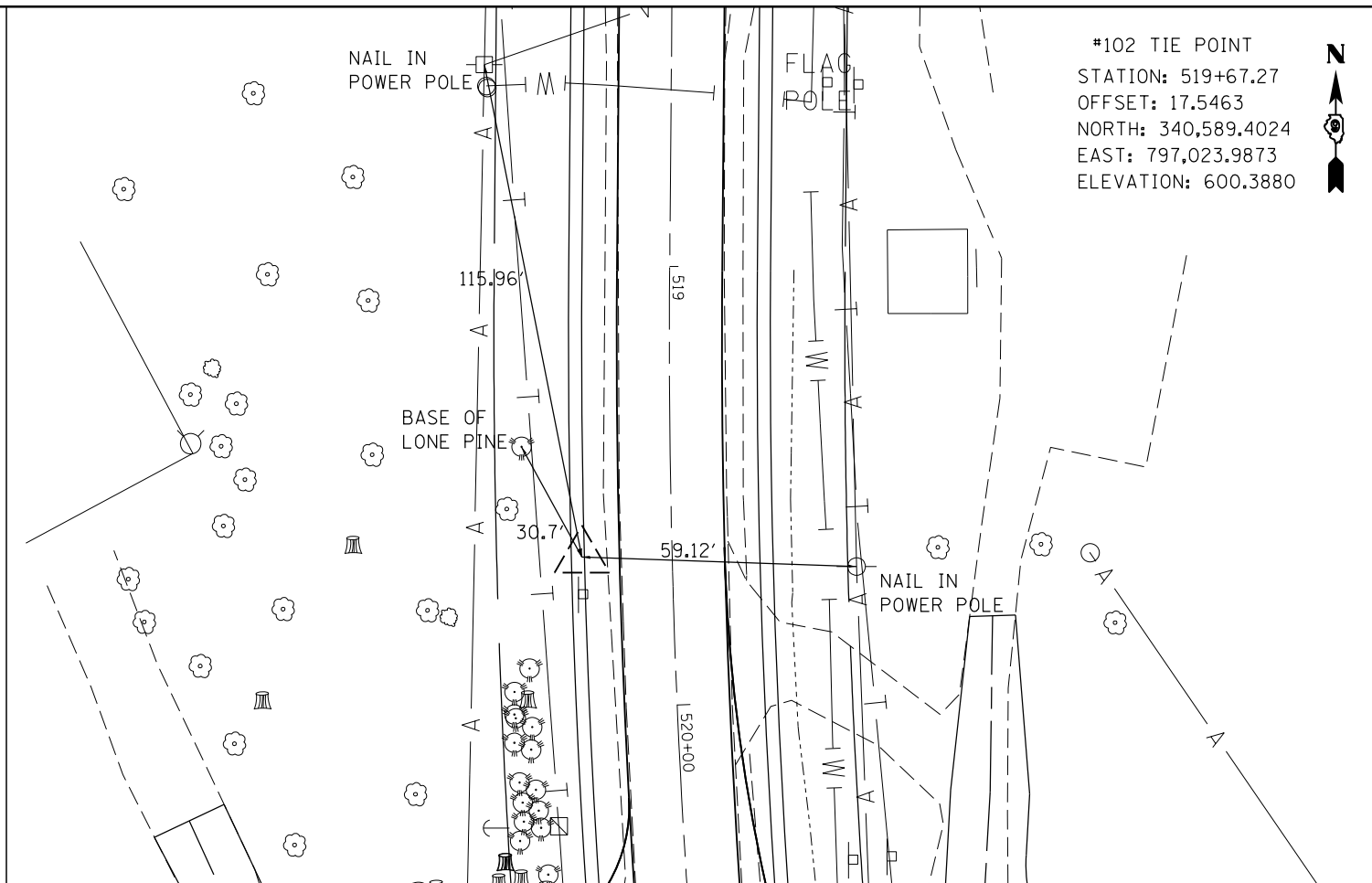
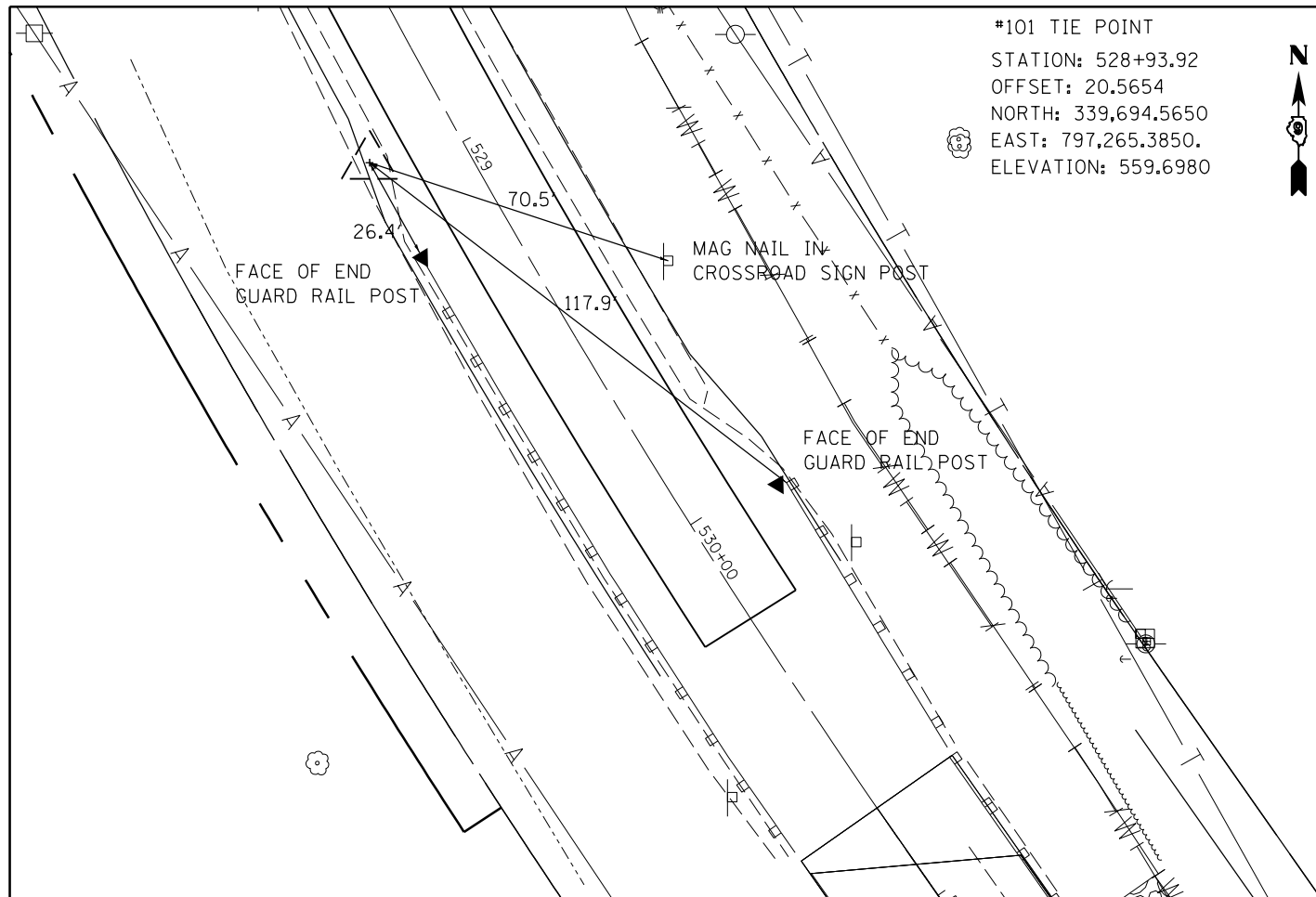
SIGN ID NO.	DESCRIPTION	SIGN SIZE	AREA PER SIGN SQ FT	TOTAL SIGNS REQUIRED	SIGN PANEL	
					TYPE 1 SQ FT	TYPE 2 SQ FT
M6-1	HORIZONTAL ARROW	21" X 15"	2.1875	8	17.5	
M6-2R	ANGLED ARROW	21" X 15"	2.1875	2	4.5	
M1-4	IL ROUTE 37	24" X 24"	4	12	48.0	
M4-8	DETOUR	24" X 12"	2	12	24.0	
R11-3A	ROAD CLOSED 1 MILES AHEAD LOCAL TRAFFIC ONLY	60" X 30"	12.5	1		12.5
R11-3A	ROAD CLOSED 3 MILES AHEAD LOCAL TRAFFIC ONLY	60" X 30"	12.5	1		12.5
W20-2	DETOUR AHEAD	36" X 36"	9.75	2		19.5
M1-1	INTERSTATE 57	24" X 24"	4	2	8.0	
	VIA	24" X 12"	2	2	4.0	
PROJECT TOTAL					106.0	44.5

ROW SCHEDULE

GUARDRAIL SCHEDULE

LOCATION STA TO STA	REMOVE & REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	REMOVE & REERECT TRAFFIC BARRIER TERMINALS, TYPE 1
	FOOT	EACH
RT STA. 529+18.00 TO STA 529+68.00		1.0
RT STA. 529+68.00 TO STA 530+43.00	75.0	
LT STA. 530+02.00 TO STA 530+52.00		1.0
PROJECT TOTAL	75	2

LOCATION	OFFSET FROM CENTERLINE	FURNISHING AND ERECTING RIGHT OF WAY MARKERS
	FEET	EACH
IL 37		
RT STA 512+70.	40	1
RT STA 512+70.	50	1
RT STA 517+50.	50	1
RT STA 517+50.	65	1
RT STA 520+40.	65	1
RT STA 520+30.	208	1
RT STA 520+69.11	214.3343	1
RT STA 520+86.33	185	1
RT STA 520+90.	145	1
RT STA 521+25.	70	1
RT STA 523+50.	60	1
RT STA 523+50.	70	1
RT STA 524+98.18	60	1
RT STA 525+81.29	90	1
RT STA 526+25.	90	1
RT STA 526+25.	80	1
RT STA 530+30.	80	1
RT STA 530+30.	70	1
LT STA 516+25.	40	1
LT STA 516+25.	55	1
LT STA 518+50.	55	1
LT STA 518+50.	60	1
LT STA 519+00.91	60	1
LT STA 519+00.91	65	1
LT STA 520+00.	65	1
LT STA 520+00.	55	1
LT STA 520+50.	50	1
LT STA 520+56.	143	1
LT STA 520+73.	163	1
LT STA 521+17.	157	1
LT STA 521+05.	70	1
LT STA 523+21.28	70	1
PROJECT TOTAL		32



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

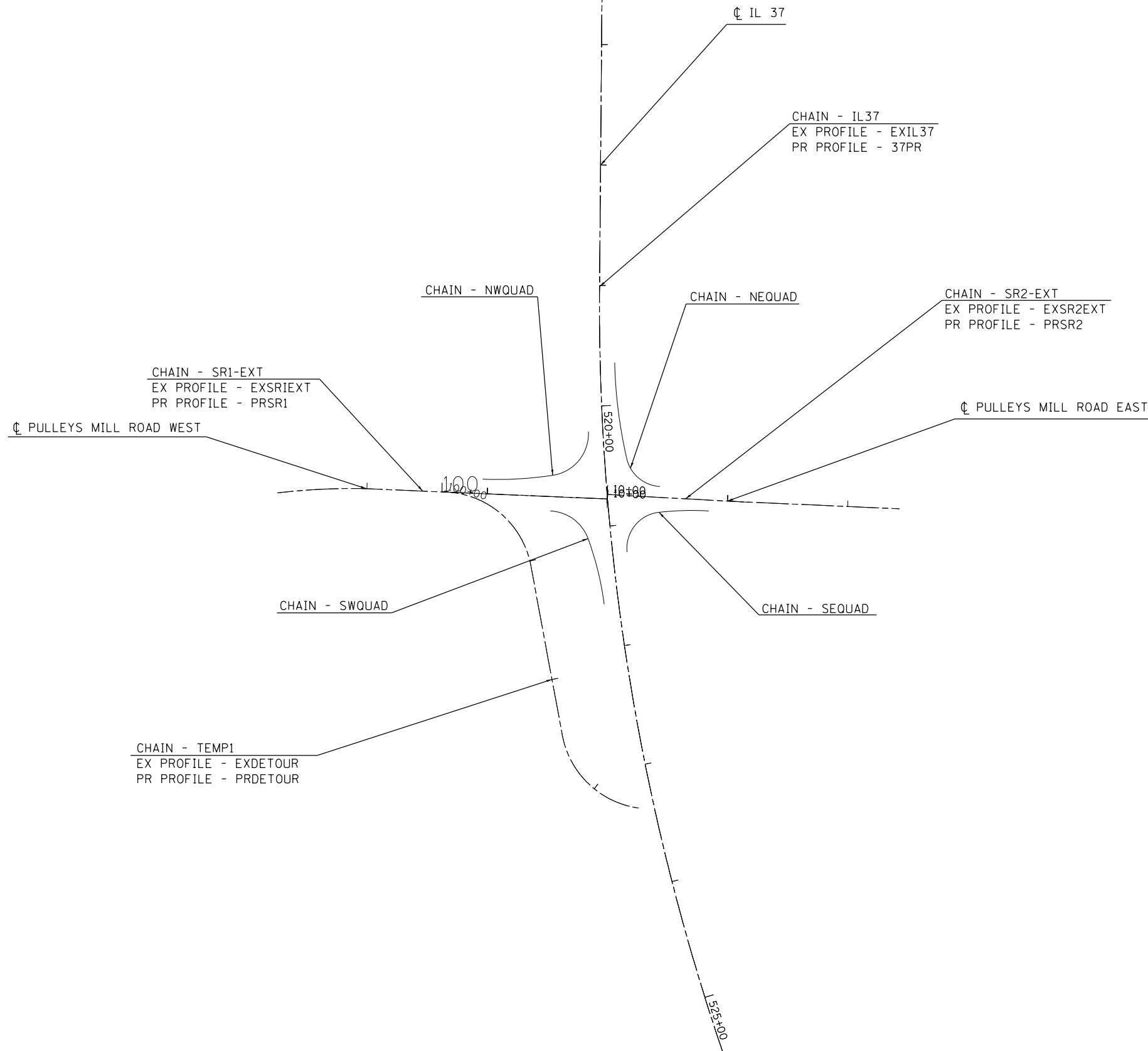
TIE POINTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	27
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				

IL 37

EXIST. CURVE DB1
 PI STA. = 525+17.88
 $\Delta = 35^\circ 31' 46''$ (LT)
 $D = 2^\circ 58' 31''$
 $R = 1,925.69'$
 $T = 616.97'$
 $L = 1,194.14'$
 $E = 96.42'$
 $e = 6\%$
 $T.R. = 38.5'$
 P.C. STA. = 519+00.91
 P.T. STA. = 530+95.05



DETOUR ROAD

PC = 100+00
 PT = 101+06.27
 $R = 75'$
 NORMAL CROWN

PC = 102+44.42
 PT = 103+42.02
 $R = 75'$
 NORMAL CROWN

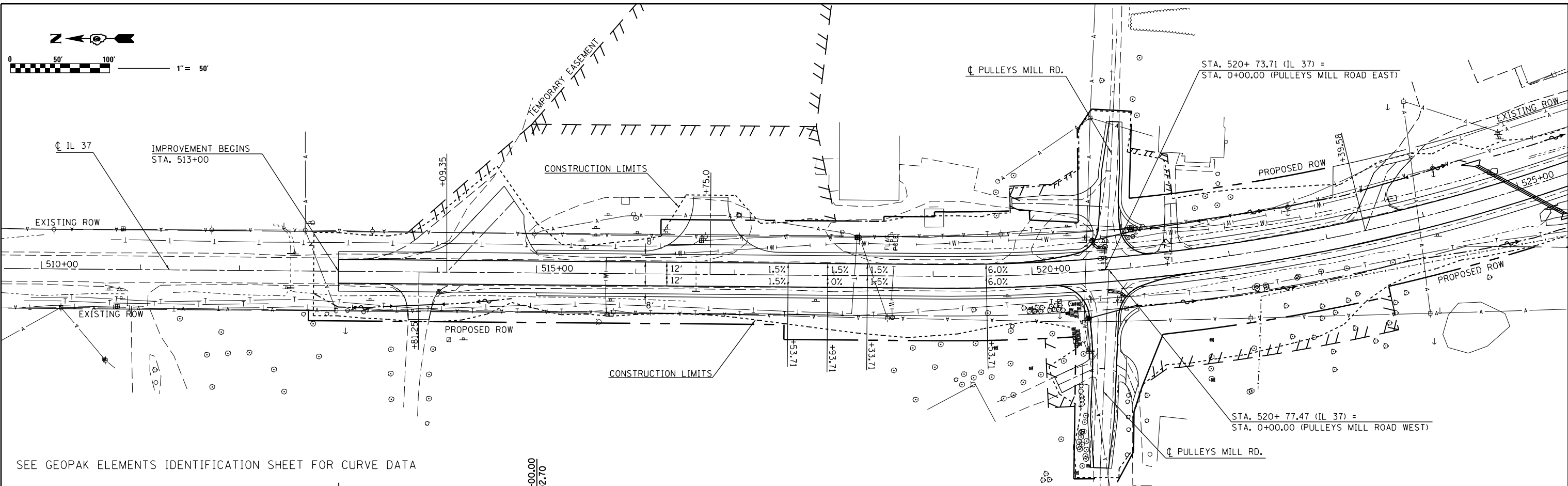
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

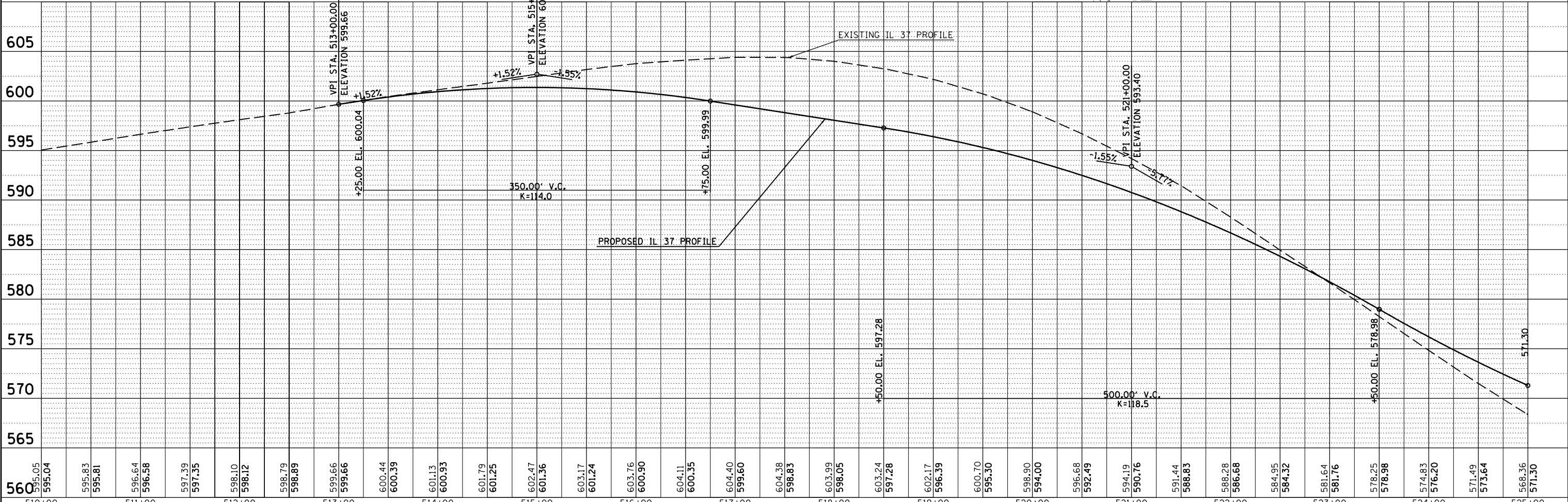
GEOPAK ELEMENTS
 IDENTIFICATION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78320	



SEE GEOPAK ELEMENTS IDENTIFICATION SHEET FOR CURVE DATA

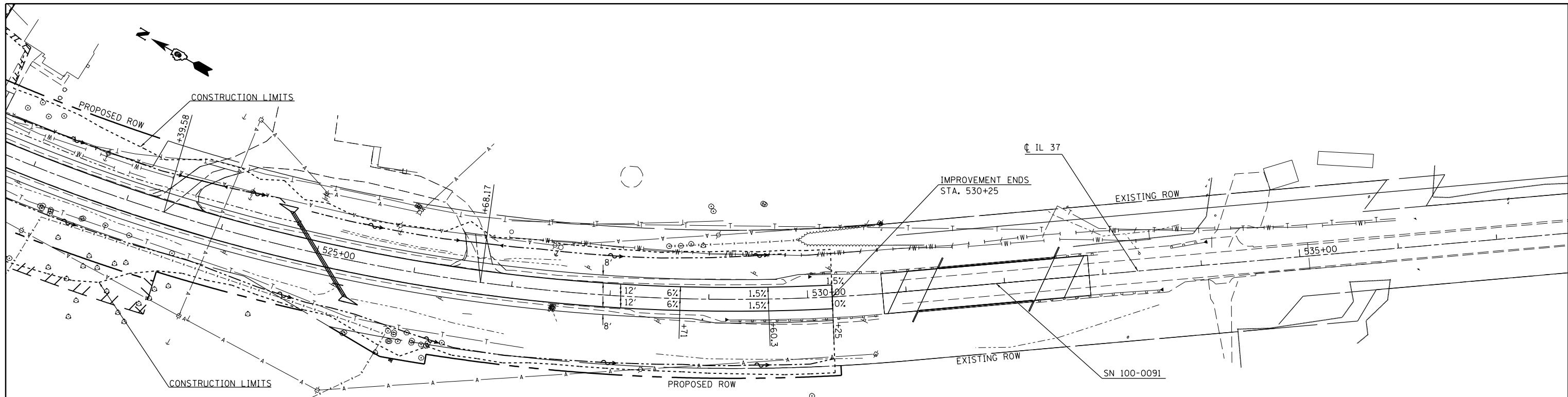


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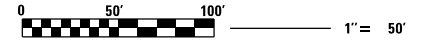
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	NO.		

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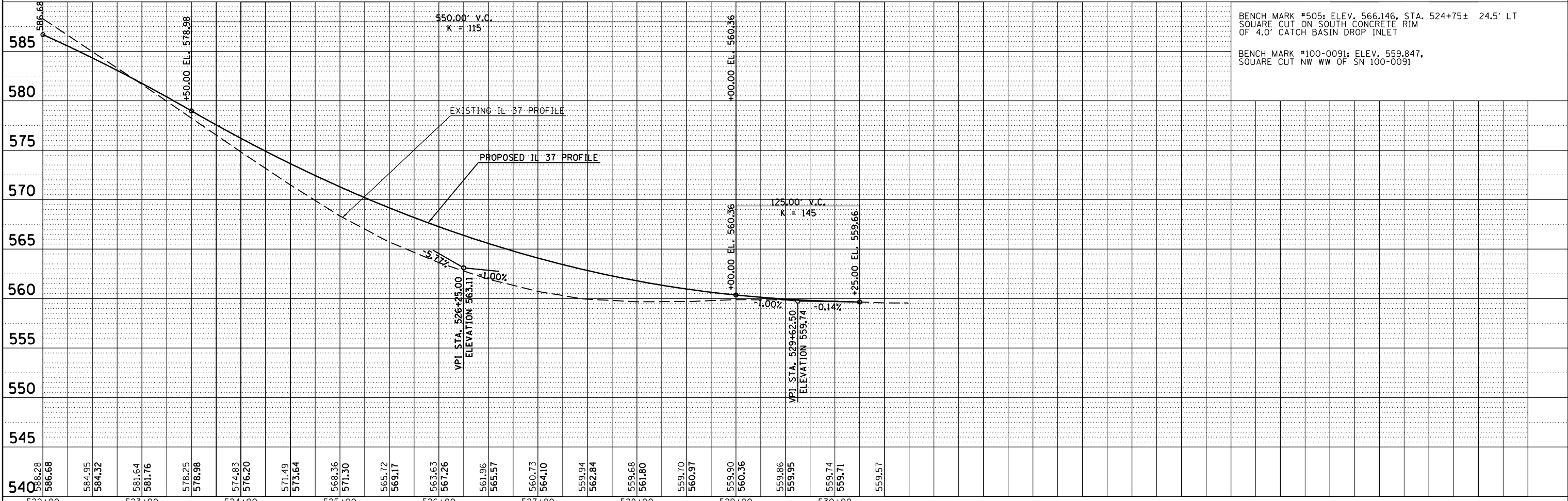
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	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	
	NO.	



SEE GEOPAK ELEMENTS IDENTIFICATION SHEET FOR CURVE DATA



590



BENCH MARK #505: ELEV. 566.146, STA. 524+75± 24.5' LT
 SQUARE CUT ON SOUTH CONCRETE RIM
 OF 4.0' CATCH BASIN DROP INLET

BENCH MARK #100-0091: ELEV. 559.847,
 SQUARE CUT NW WW OF SN 100-0091

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

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

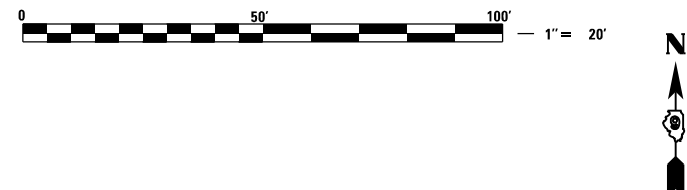
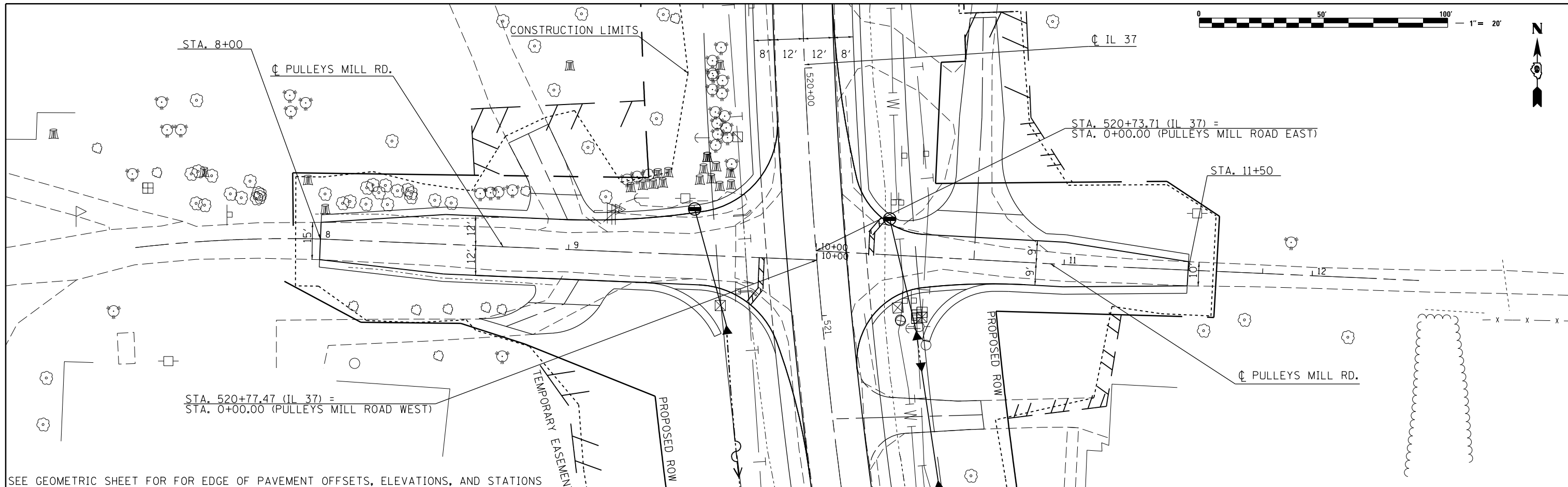
PLAN PROFILE
 IL 37

SCALE: SHEET OF SHEETS STA. 522+00 TO STA. 530+50

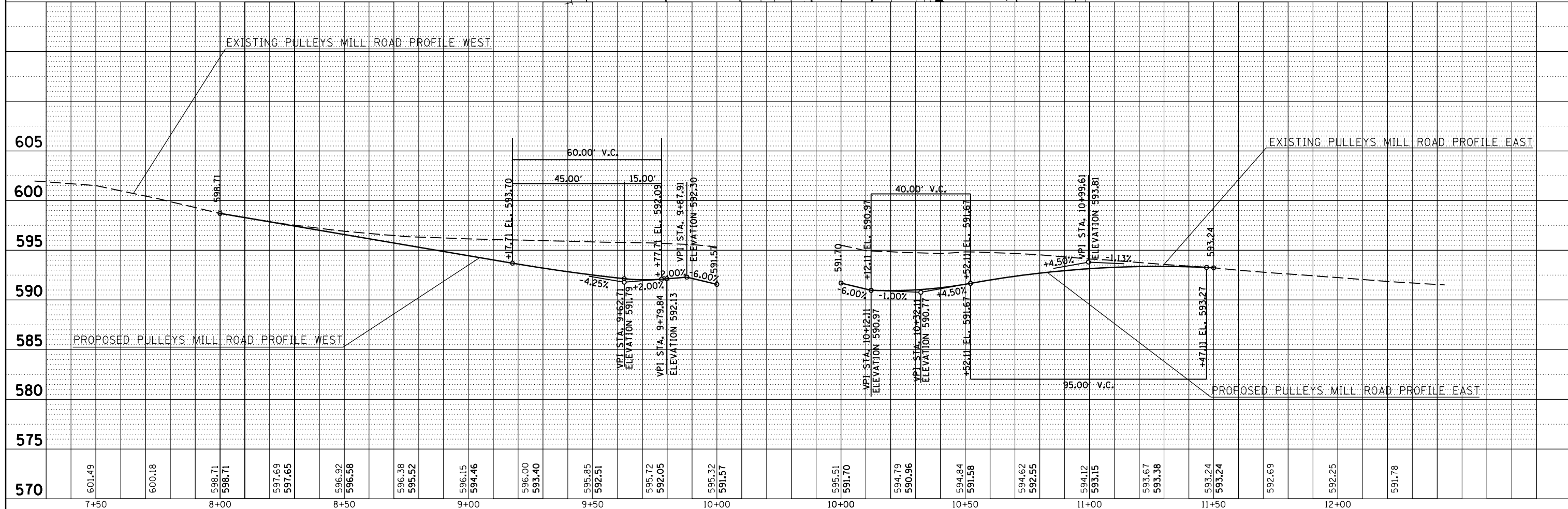
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726	D9 SAFETY 2013-1	WILLIAMSON	112	30
				CONTRACT NO. 78320
ILLINOIS FED. AID PROJECT				

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	NO.	

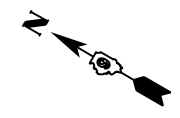
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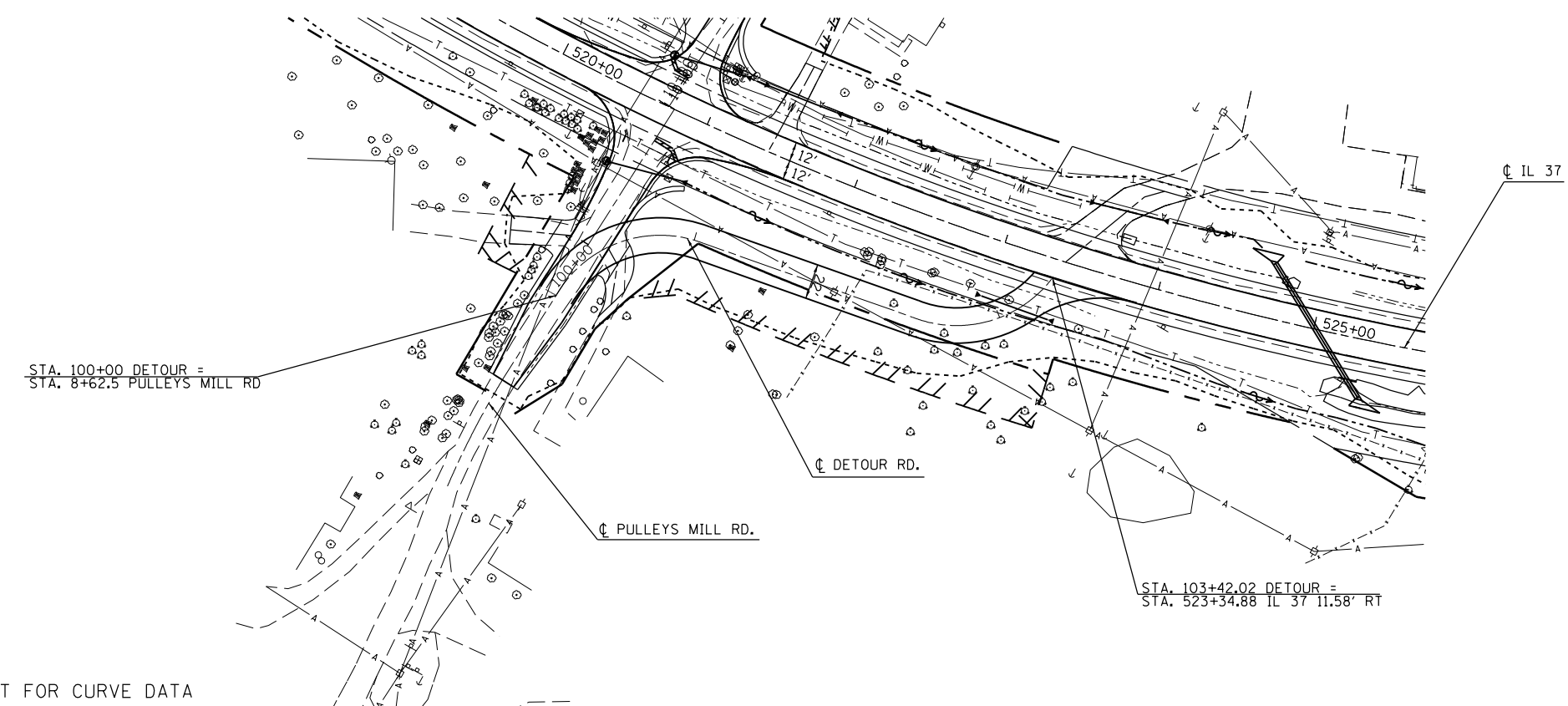
SEE GEOMETRIC SHEET FOR FOR EDGE OF PAVEMENT OFFSETS, ELEVATIONS, AND STATIONS



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN PROFILE PULLEYS MILL ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\kranz\jcd\0308025\78320-shc-p\Inpr.f.dgn		DRAWN -	REVISED -			726	D9 SAFETY 2013-1	WILLIAMSON	112	31
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 78320				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

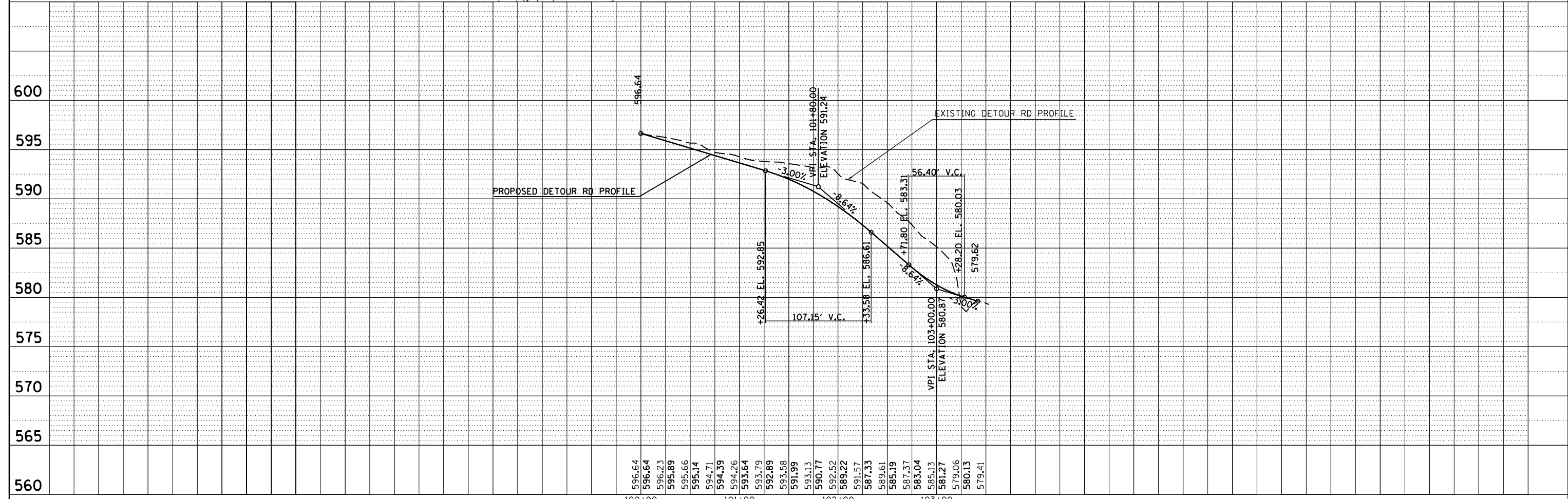


PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	FIELD FILE NAME	

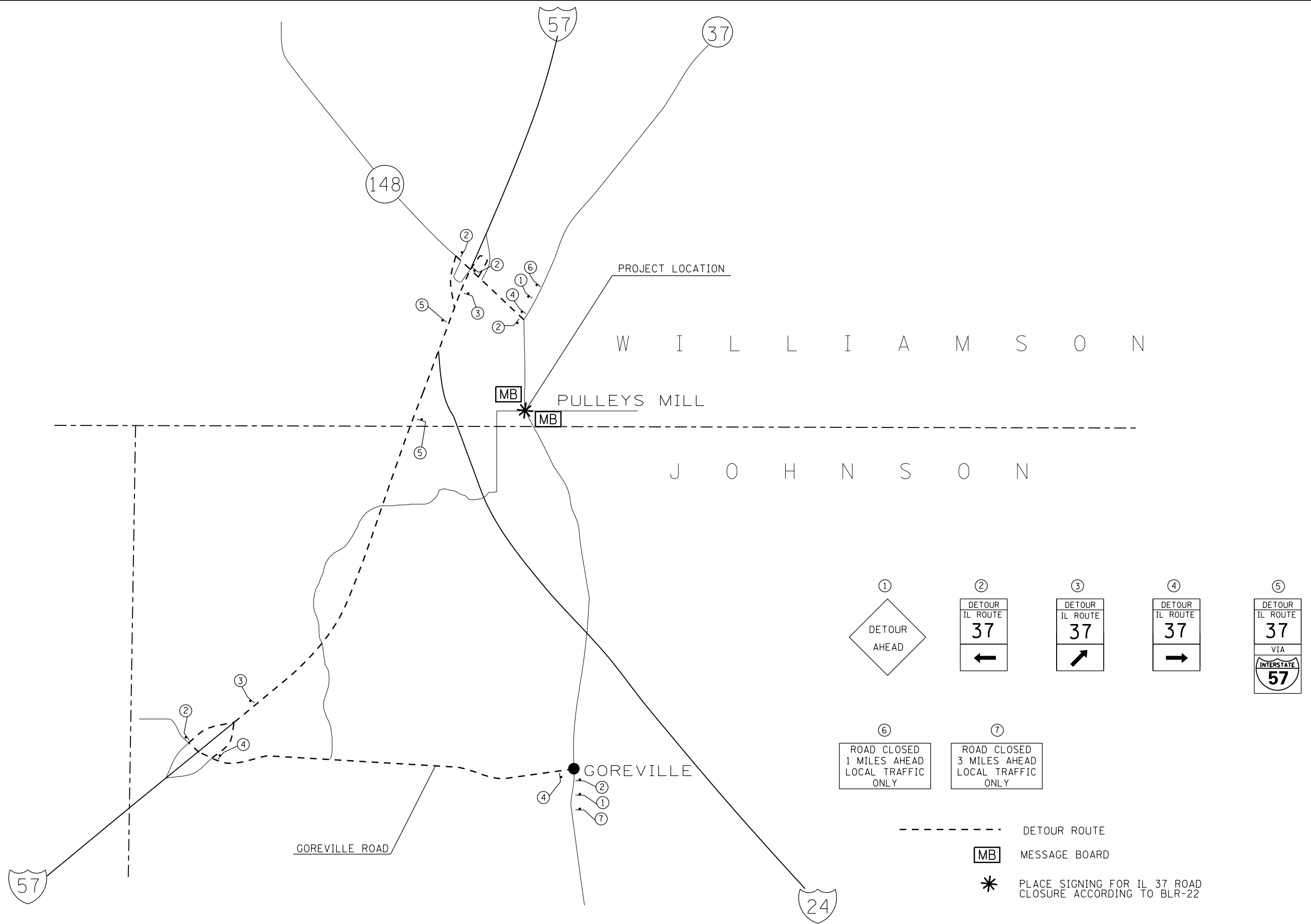


SEE GEOPAK ELEMENTS IDENTIFICATION SHEET FOR CURVE DATA

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



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN PROFILE DETOUR ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\kranz\j\0308025\78320-shhtc-plnpr.f.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			726	D9 SAFETY 2013-1	WILLIAMSON	112	32
\$MODELNAME\$	PLOT DATE = 10/18/2013	CHECKED -	REVISED -			CONTRACT NO. 78320				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

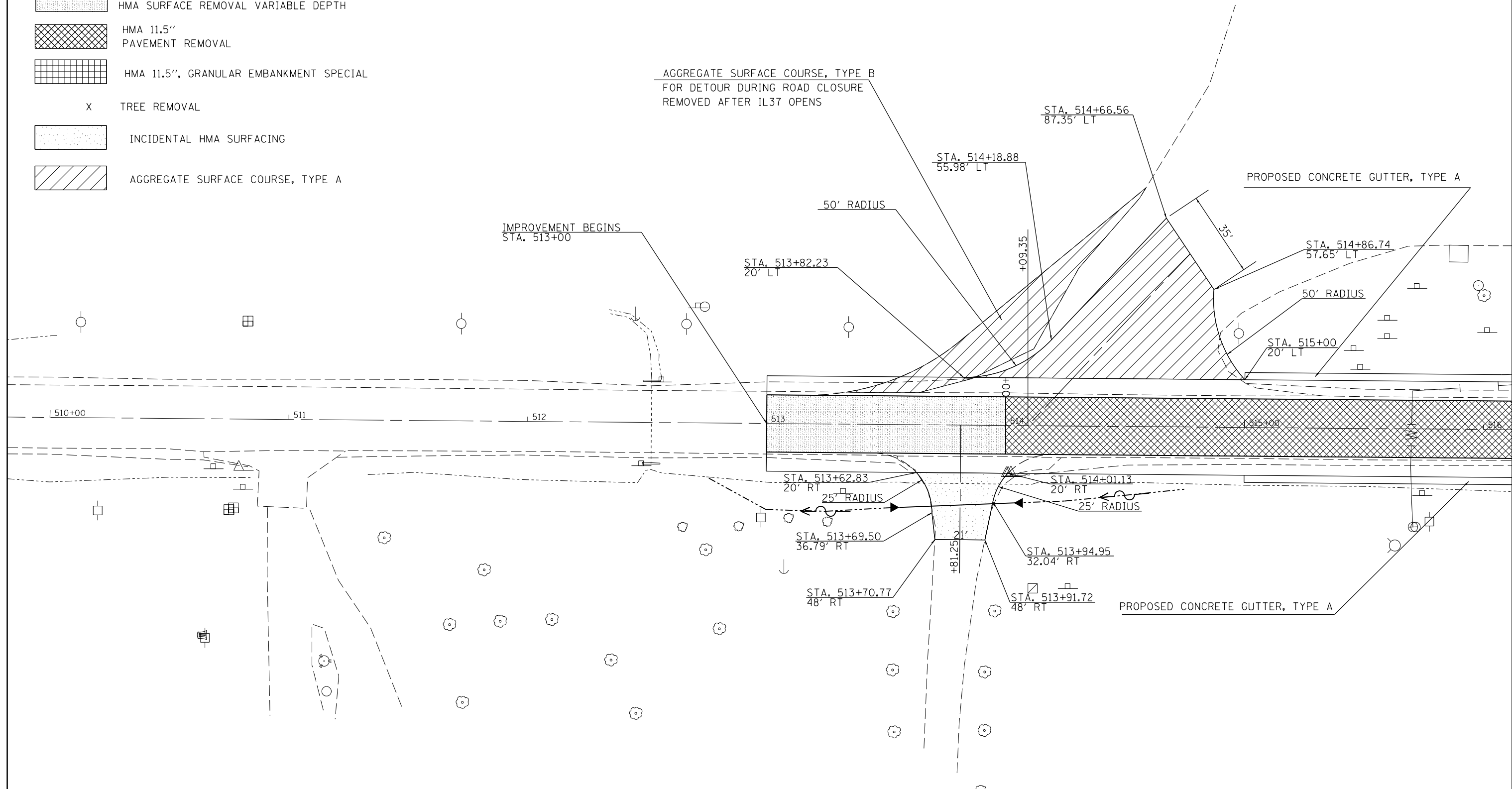
DETOUR PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	33
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	



- HMA RESURFACING VARIABLE DEPTH
HMA SURFACE REMOVAL VARIABLE DEPTH
- HMA 11.5" PAVEMENT REMOVAL
- HMA 11.5", GRANULAR EMBANKMENT SPECIAL
- X TREE REMOVAL
- INCIDENTAL HMA SURFACING
- AGGREGATE SURFACE COURSE, TYPE A

AGGREGATE SURFACE COURSE, TYPE B
FOR DETOUR DURING ROAD CLOSURE
REMOVED AFTER IL37 OPENS



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\p\idot\kranz\j\d0308025\78320-shd-prop-rem.dgn		DRAWN -	REVISED -
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION/REMOVAL SHEETS
IL 37**

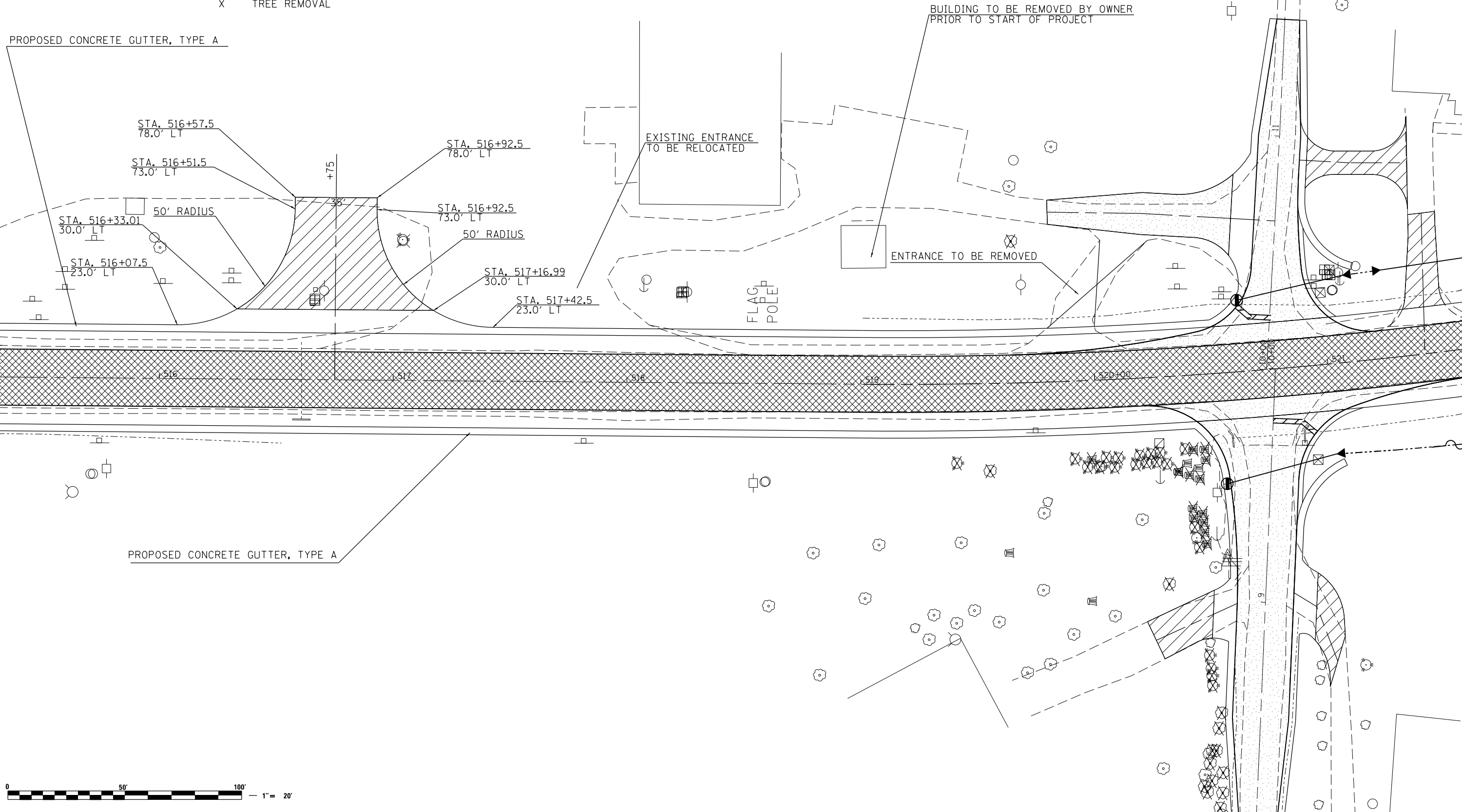
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	34
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				



- HMA RESURFACING VARIABLE DEPTH
- INCIDENTAL HMA SURFACING
- HMA 11.5" PAVEMENT REMOVAL
- AGGREGATE SURFACE COURSE, TYPE A
- HMA 11.5", GRANULAR EMBANKMENT SPECIAL
- X TREE REMOVAL

PROPOSED CONCRETE GUTTER, TYPE A



PROPOSED CONCRETE GUTTER, TYPE A



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\p\dot\kranz\j\0308025\78320-shd-prop-rem.dgn		DRAWN -	REVISED -
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

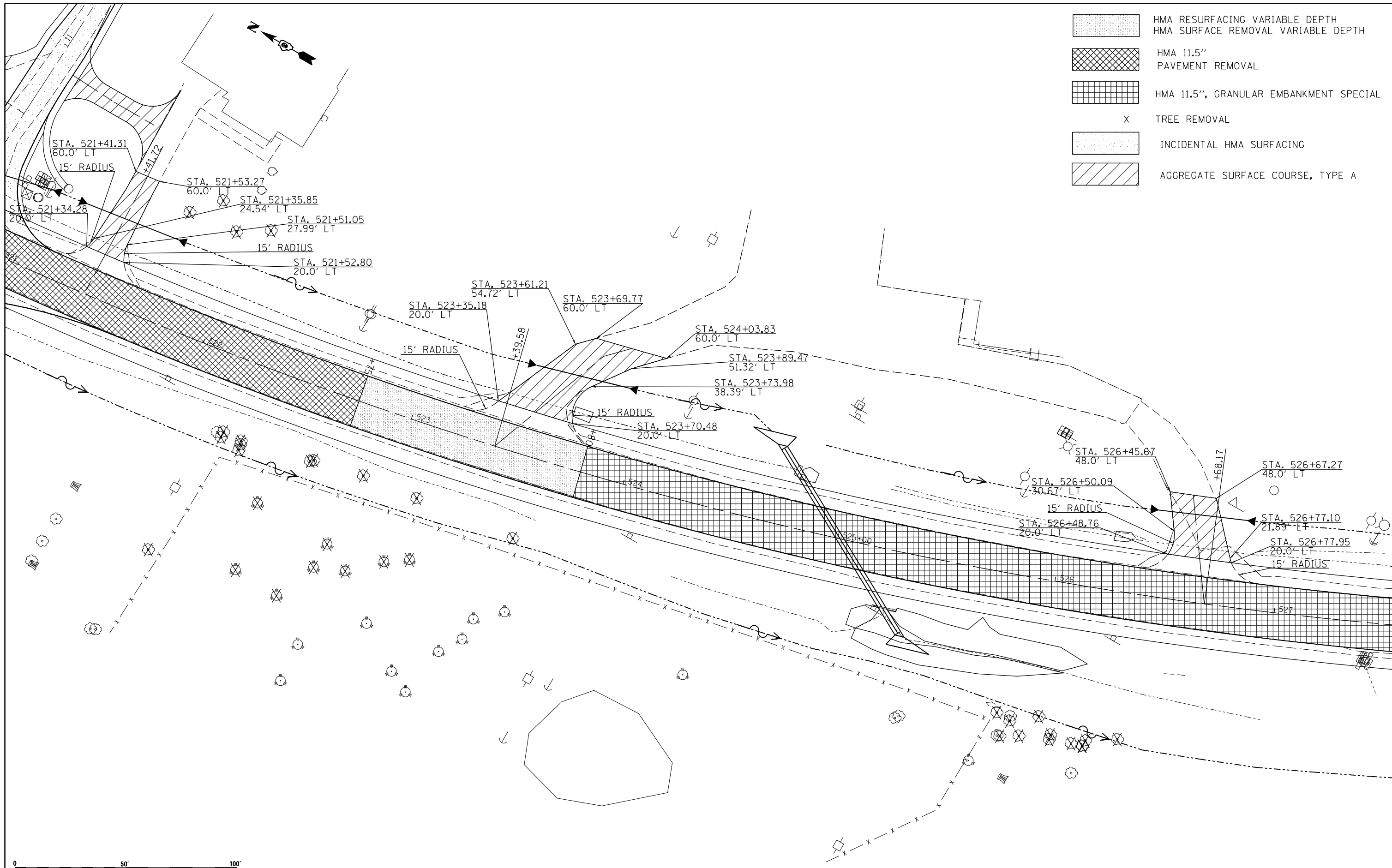
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



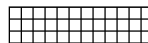


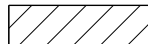
**CONSTRUCTION/REMOVAL SHEETS
IL 37**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	35
CONTRACT NO. 78320				

ILLINOIS FED. AID PROJECT



-  HMA RESURFACING VARIABLE DEPTH
-  HMA 11.5" PAVEMENT REMOVAL
-  HMA 11.5", GRANULAR EMBANKMENT SPECIAL
-  TREE REMOVAL
-  INCIDENTAL HMA SURFACING
-  AGGREGATE SURFACE COURSE, TYPE A

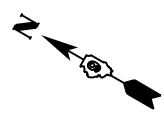
0 50' 100' 1" = 20'

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

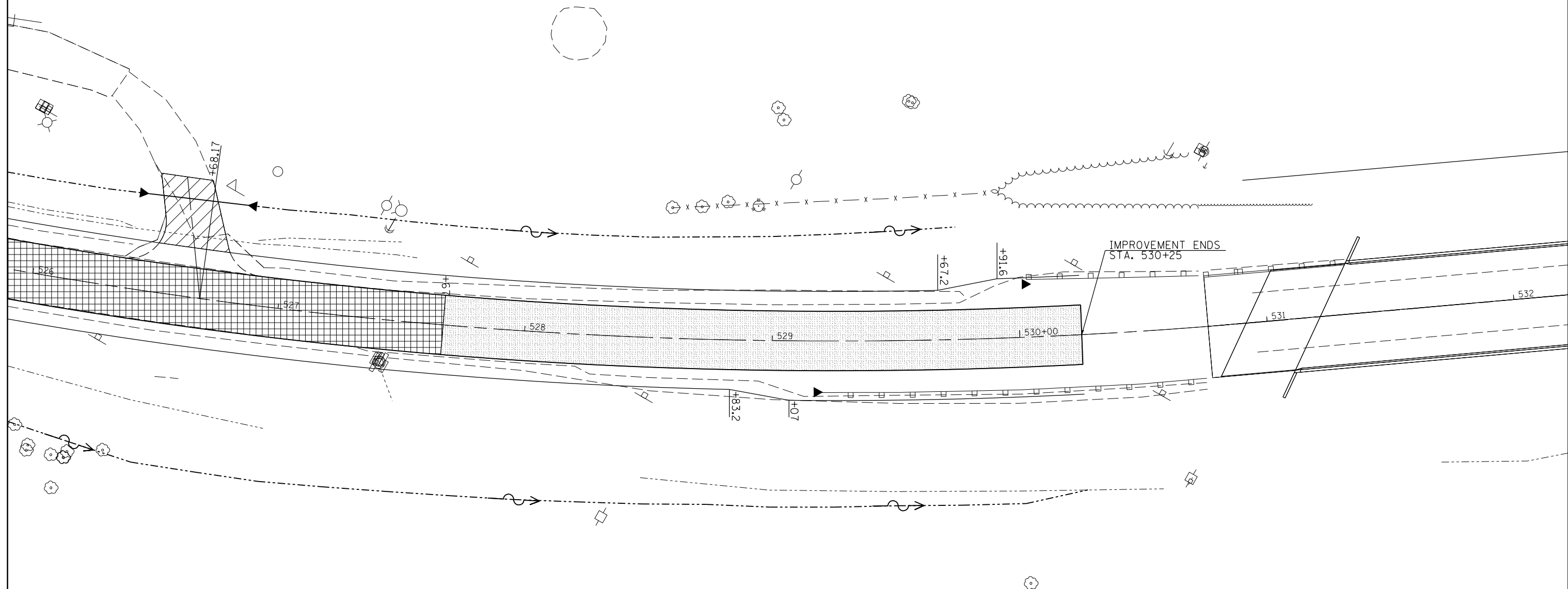
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION/REMOVAL SHEETS			
IL 37			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	36
			CONTRACT NO. 78320	
ILLINOIS FED. AID PROJECT				



- HMA RESURFACING VARIABLE DEPTH
- HMA SURFACE REMOVAL VARIABLE DEPTH
- HMA 11.5" PAVEMENT REMOVAL
- HMA 11.5", GRANULAR EMBANKMENT SPECIAL
- X TREE REMOVAL
- INCIDENTAL HMA SURFACING
- AGGREGATE SURFACE COURSE, TYPE A





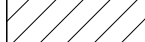
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

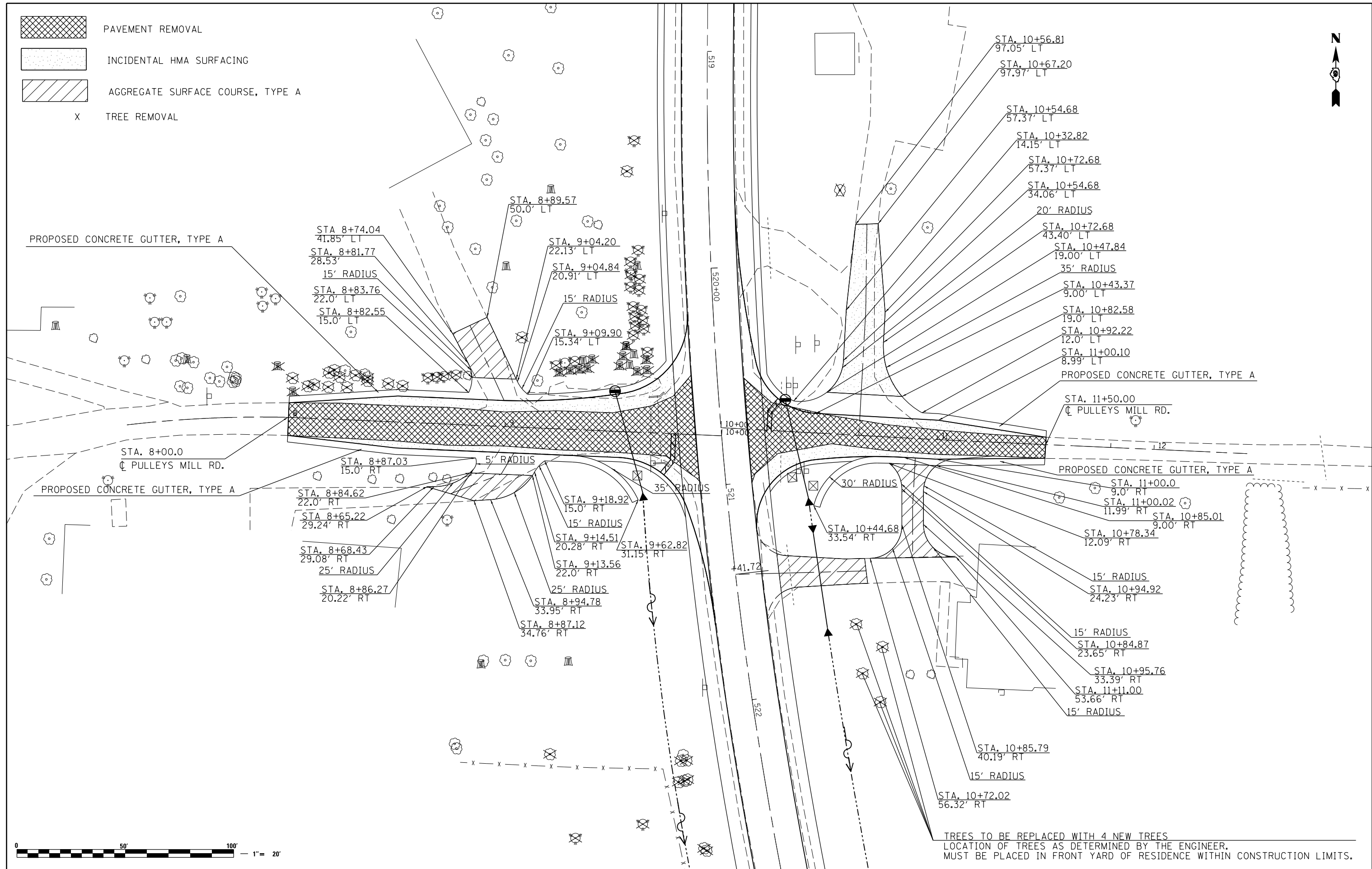
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION/REMOVAL SHEETS
IL 37**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	37
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	

-  PAVEMENT REMOVAL
-  INCIDENTAL HMA SURFACING
-  AGGREGATE SURFACE COURSE, TYPE A
- X TREE REMOVAL



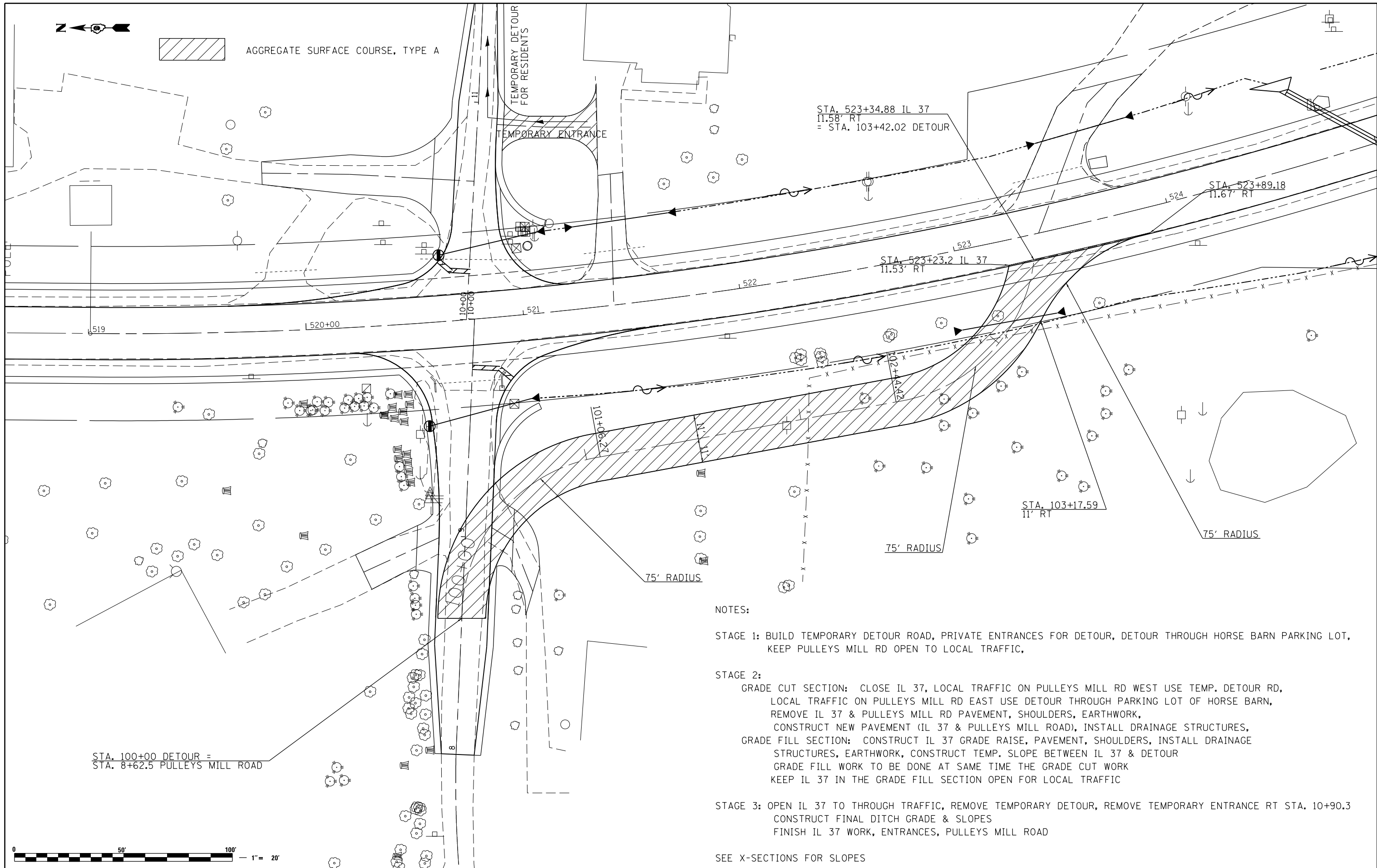
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION/REMOVAL SHEETS
PULLEYS MILL RD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	38
			CONTRACT NO. 78320	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



STA. 100+00 DETOUR =
STA. 8+62.5 PULLEYS MILL ROAD

NOTES:

STAGE 1: BUILD TEMPORARY DETOUR ROAD, PRIVATE ENTRANCES FOR DETOUR, DETOUR THROUGH HORSE BARN PARKING LOT, KEEP PULLEYS MILL RD OPEN TO LOCAL TRAFFIC,

STAGE 2:
 GRADE CUT SECTION: CLOSE IL 37, LOCAL TRAFFIC ON PULLEYS MILL RD WEST USE TEMP. DETOUR RD, LOCAL TRAFFIC ON PULLEYS MILL RD EAST USE DETOUR THROUGH PARKING LOT OF HORSE BARN, REMOVE IL 37 & PULLEYS MILL RD PAVEMENT, SHOULDERS, EARTHWORK, CONSTRUCT NEW PAVEMENT (IL 37 & PULLEYS MILL ROAD), INSTALL DRAINAGE STRUCTURES,
 GRADE FILL SECTION: CONSTRUCT IL 37 GRADE RAISE, PAVEMENT, SHOULDERS, INSTALL DRAINAGE STRUCTURES, EARTHWORK, CONSTRUCT TEMP. SLOPE BETWEEN IL 37 & DETOUR
 GRADE FILL WORK TO BE DONE AT SAME TIME THE GRADE CUT WORK
 KEEP IL 37 IN THE GRADE FILL SECTION OPEN FOR LOCAL TRAFFIC

STAGE 3: OPEN IL 37 TO THROUGH TRAFFIC, REMOVE TEMPORARY DETOUR, REMOVE TEMPORARY ENTRANCE RT STA. 10+90.3
 CONSTRUCT FINAL DITCH GRADE & SLOPES
 FINISH IL 37 WORK, ENTRANCES, PULLEYS MILL ROAD

SEE X-SECTIONS FOR SLOPES



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\pwidot\kranz\jcd\0308025\78320-shd-prop-rem.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

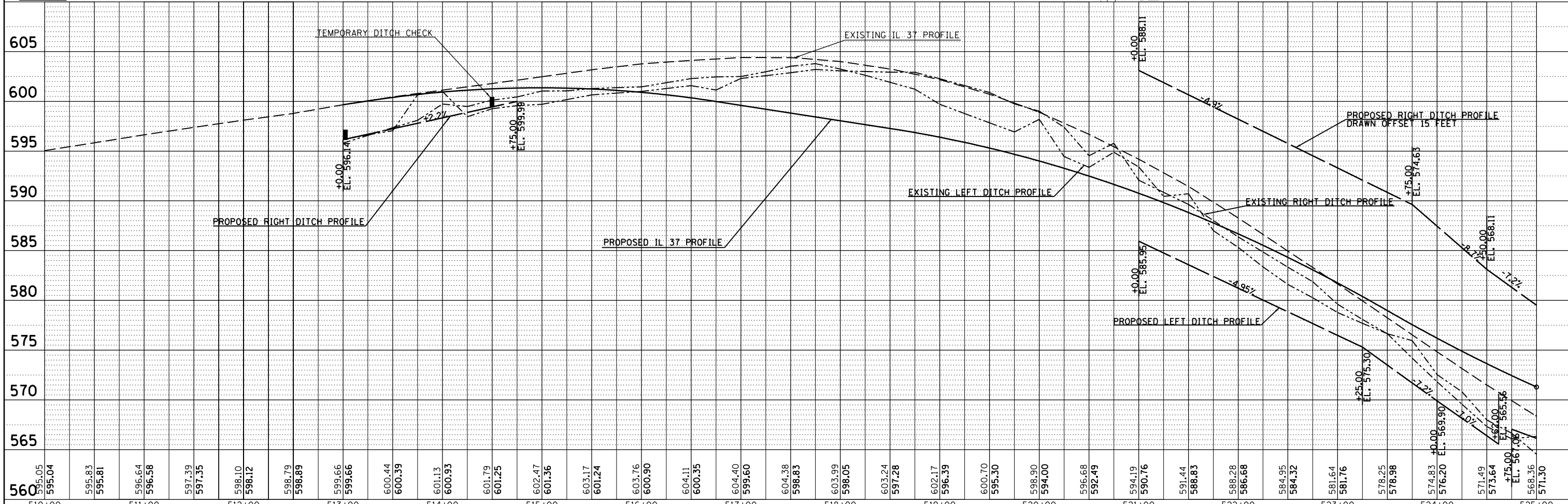
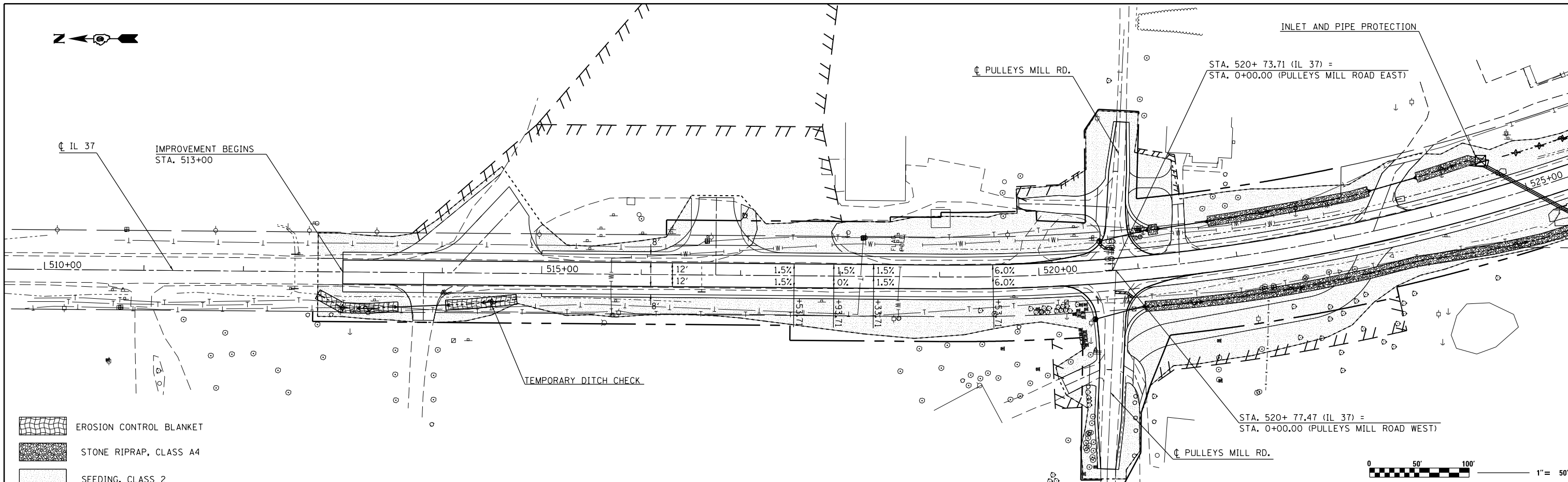
**CONSTRUCTION/REMOVAL SHEETS - DETOUR
STAGING NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

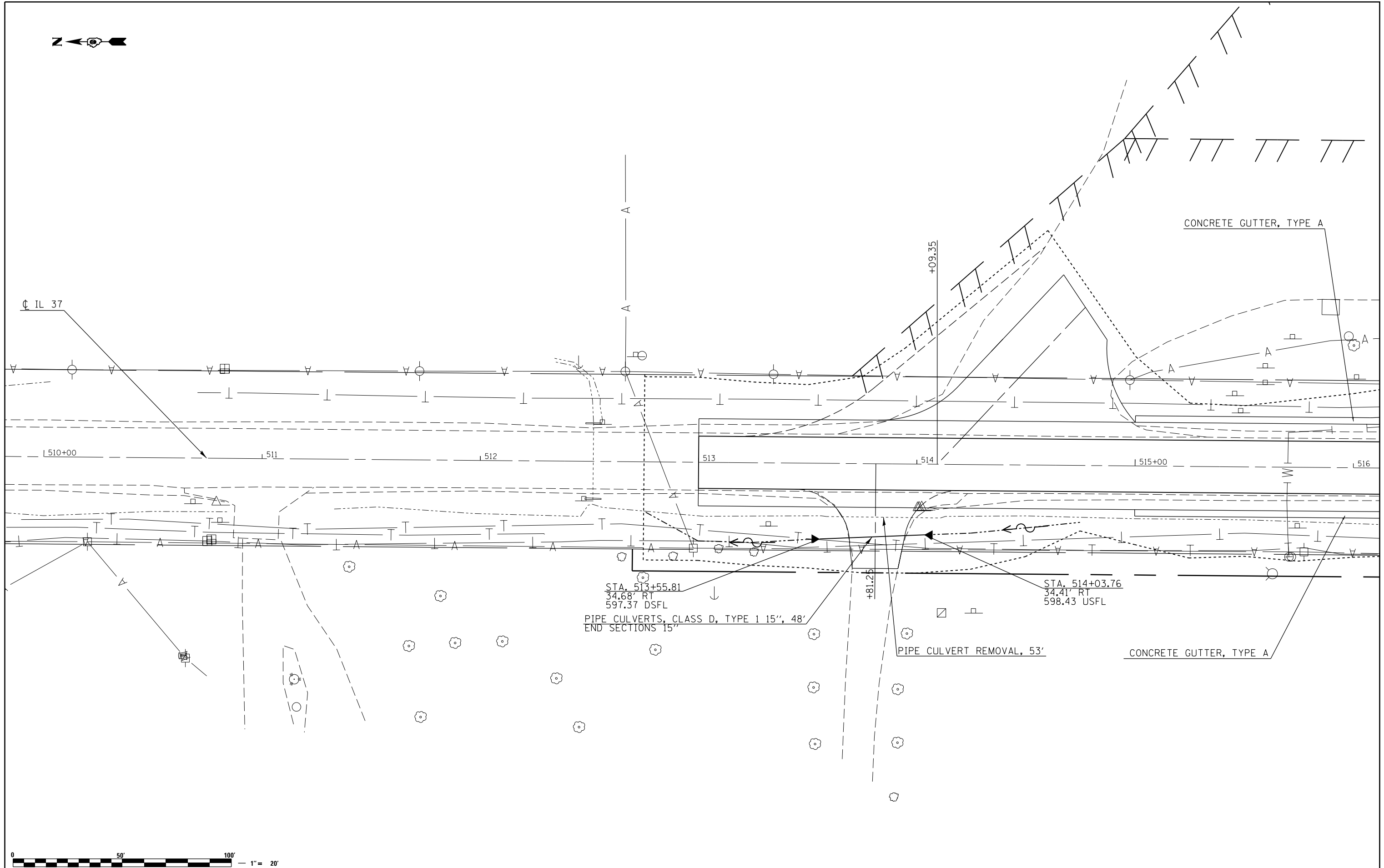
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	39
				CONTRACT NO. 78320
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	NO.	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIS CHFD	
	NO.	
	NO.	
	NO.	
	NO.	



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL IL 37		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
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	PLOT DATE = 10/18/2013	DATE -	REVISED -									ILLINOIS FED. AID PROJECT			

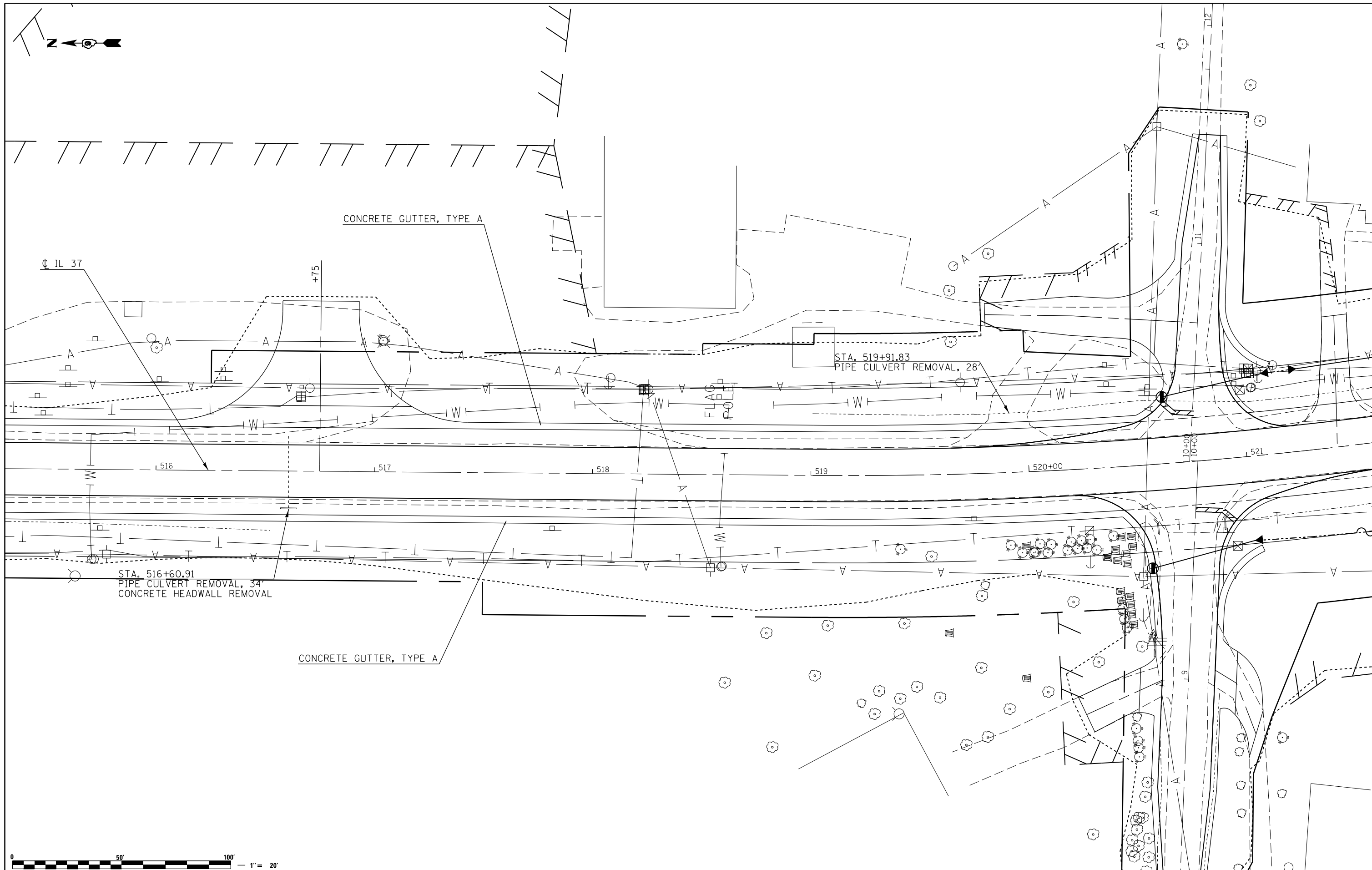
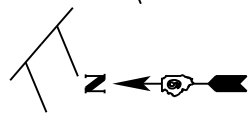


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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEETS IL 37			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	42
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				

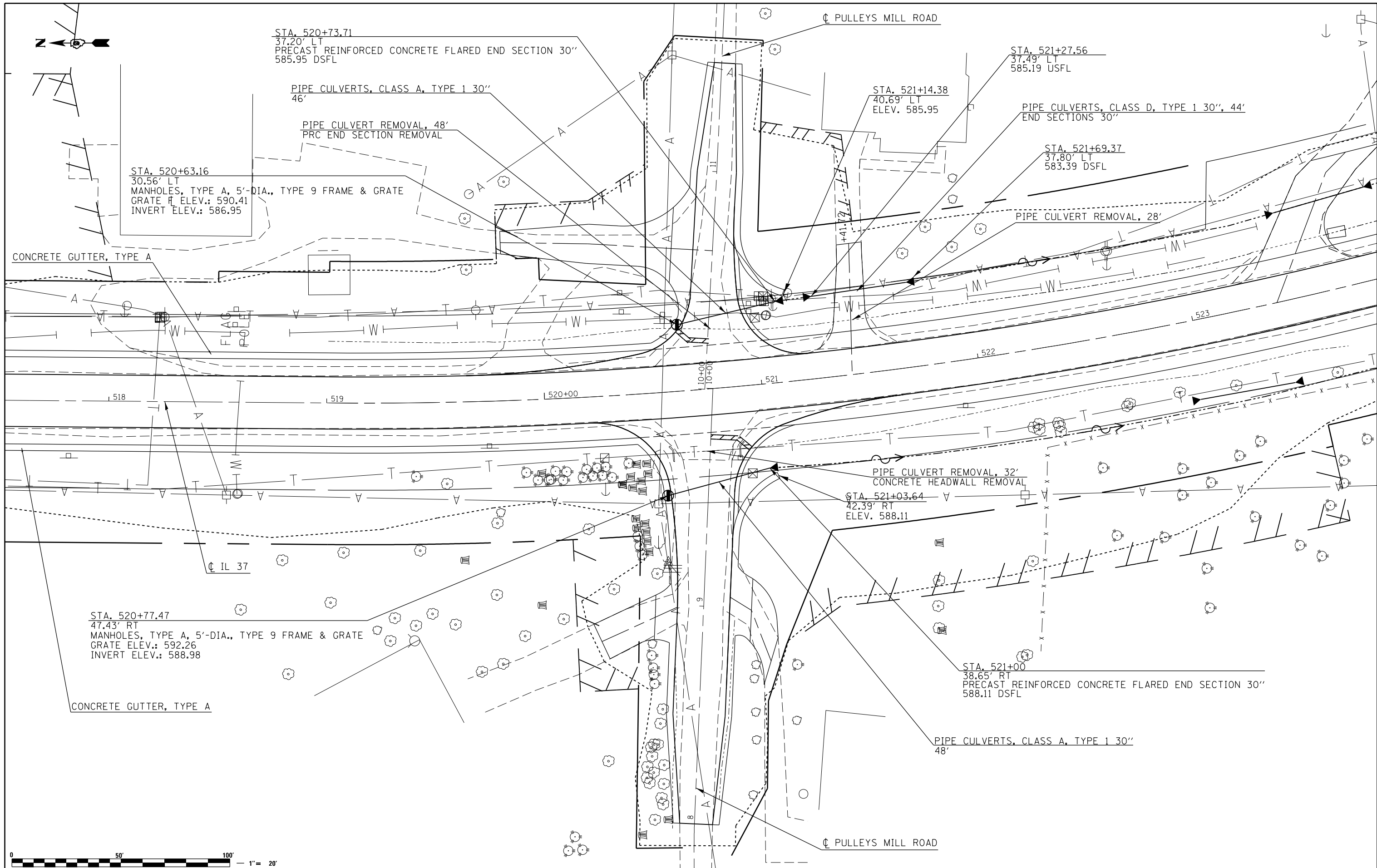


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\$MODELNAME\$	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEETS IL 37			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	43
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				



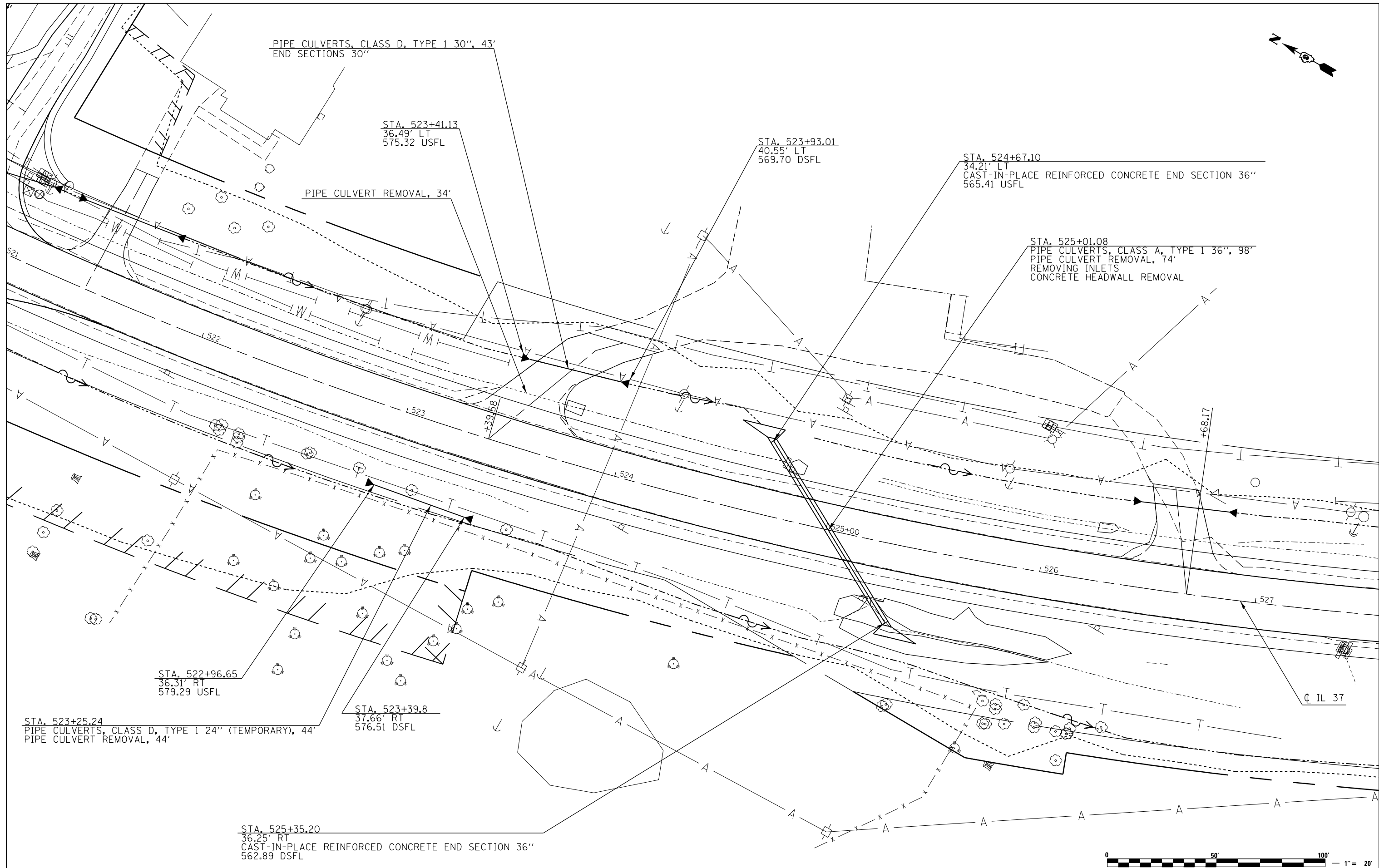
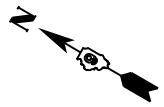
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\$MODELNAME\$	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SHEETS
IL 37**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	44
				CONTRACT NO. 78320
ILLINOIS FED. AID PROJECT				

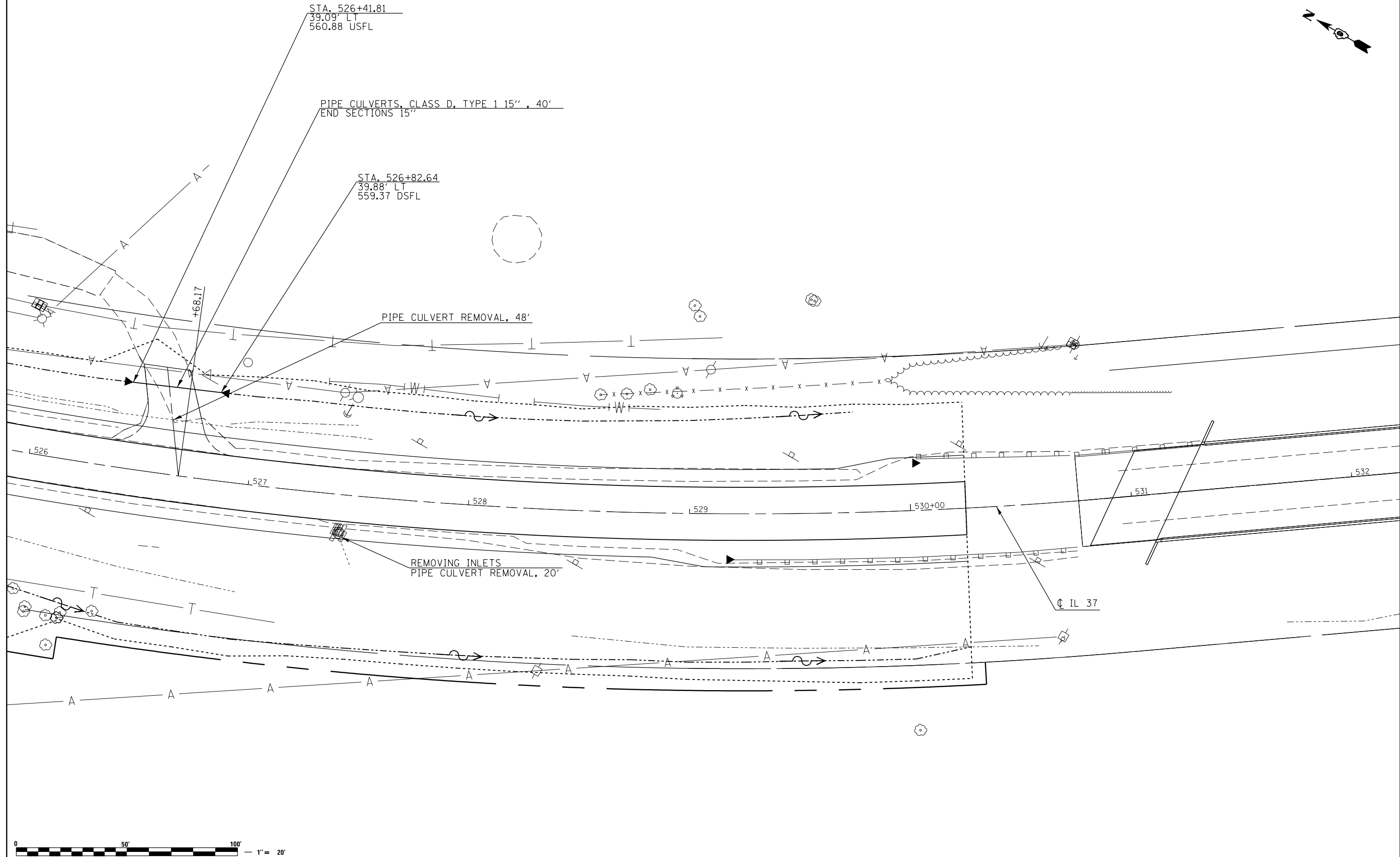
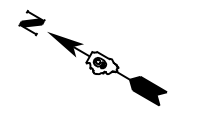


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\$MODELNAME\$	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEETS IL 37			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	45
CONTRACT NO. 78320				
ILLINOIS FED. AID PROJECT				



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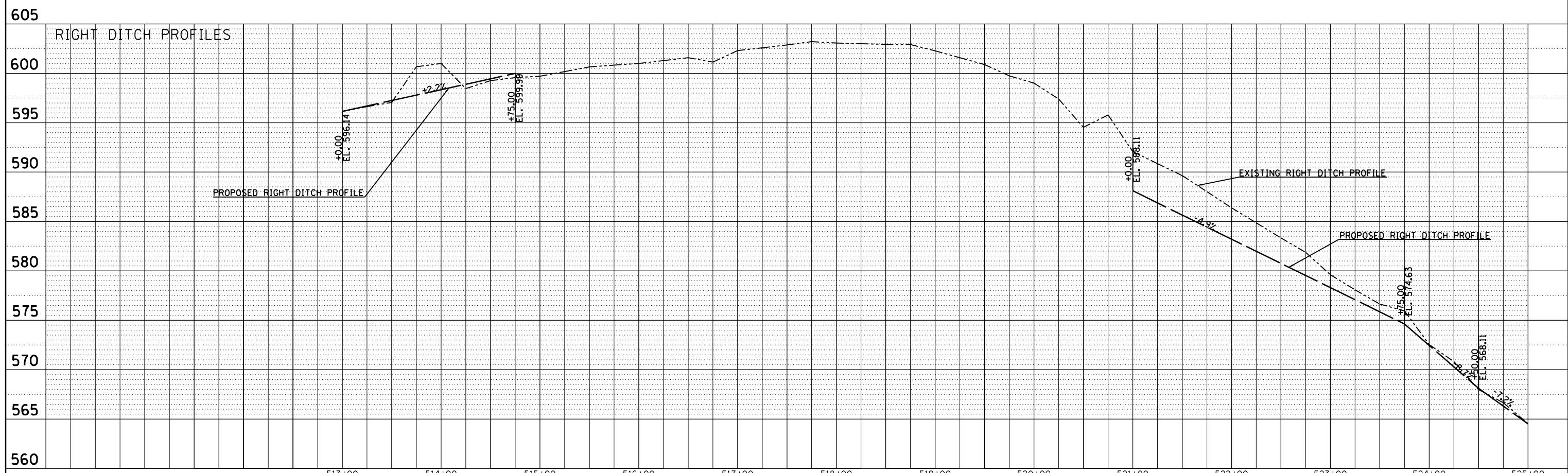
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEETS IL 37			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	46
				CONTRACT NO. 78320
ILLINOIS FED. AID PROJECT				

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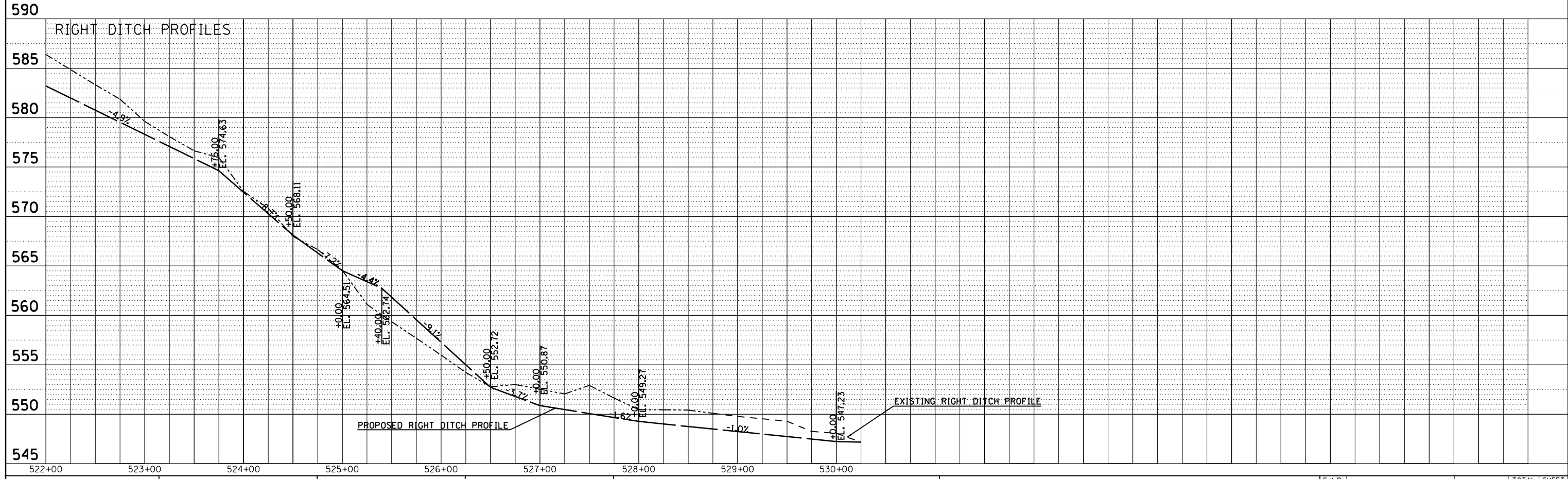
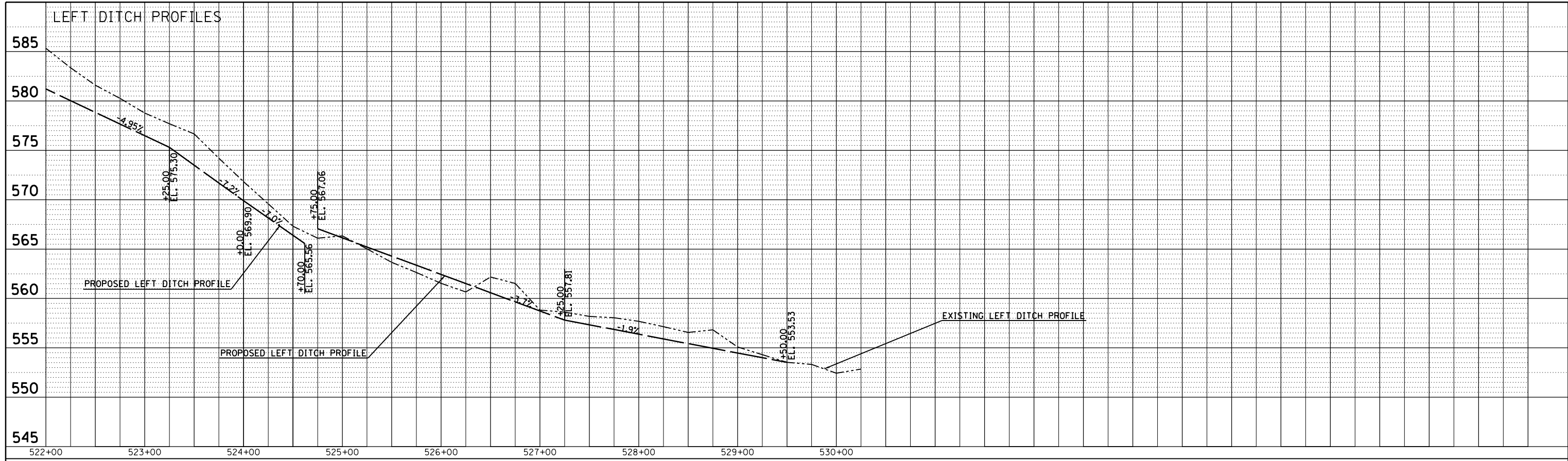
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	STRUCTURE		
	NOT AT THIS OFFICE		
	NO.		



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MODELNAME	PLOT DATE = 10/18/2013	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 513+00 TO STA. 525+00			CONTRACT NO. 78320		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -									

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

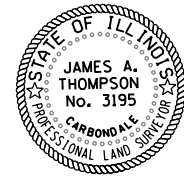
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	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 37 DITCH PROFILES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\kranz\jcd\0308025\78320\shite-erosion_drainage_util.dgn		DRAWN -	REVISED -		726	D9 SAFETY 2013-1	WILLIAMSON	112	48	CONTRACT NO. 78320		
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 522+00 TO STA. 530+25			ILLINOIS FED. AID PROJECT				
MODELNAME		DATE -	REVISED -									

COORDINATE LIST

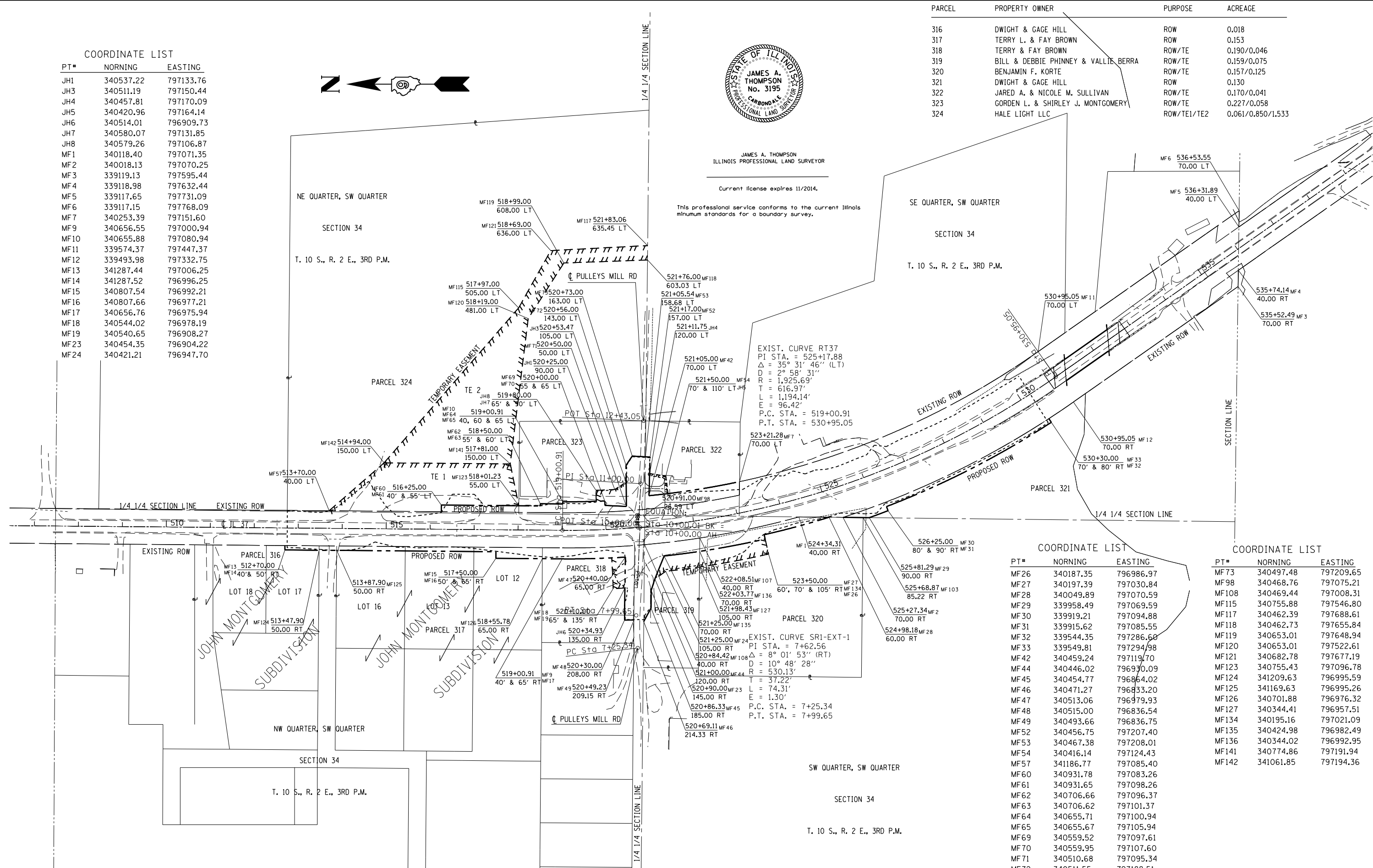
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JH4	340457.81	797170.09
JH5	340420.96	797164.14
JH6	340514.01	796909.73
JH7	340580.07	797131.85
JH8	340579.26	797106.87
MF1	340118.40	797071.35
MF2	340018.13	797070.25
MF3	339119.13	797595.44
MF4	339118.98	797632.44
MF5	339117.65	797731.09
MF6	339117.15	797768.09
MF7	340253.39	797151.60
MF9	340656.55	797000.94
MF10	340655.88	797080.94
MF11	339574.37	797447.37
MF12	339493.98	797332.75
MF13	341287.44	797006.25
MF14	341287.52	796996.25
MF15	340807.54	796992.21
MF16	340807.66	796977.21
MF17	340656.76	796975.94
MF18	340544.02	796978.19
MF19	340540.65	796908.27
MF23	340454.35	796904.22
MF24	340421.21	796947.70



JAMES A. THOMPSON
ILLINOIS PROFESSIONAL LAND SURVEYOR
Current license expires 11/2014.

This professional service conforms to the current Illinois minimum standards for a boundary survey.

PARCEL	PROPERTY OWNER	PURPOSE	ACREAGE
316	DWIGHT & GAGE HILL	ROW	0.018
317	TERRY L. & FAY BROWN	ROW	0.153
318	TERRY & FAY BROWN	ROW/TE	0.190/0.046
319	BILL & DEBBIE PHINNEY & VALLIE BERRA	ROW/TE	0.159/0.075
320	BENJAMIN F. KORTE	ROW/TE	0.157/0.125
321	DWIGHT & GAGE HILL	ROW	0.130
322	JARED A. & NICOLE M. SULLIVAN	ROW/TE	0.170/0.041
323	GORDEN L. & SHIRLEY J. MONTGOMERY	ROW/TE	0.227/0.058
324	HALE LIGHT LLC	ROW/TE1/TE2	0.061/0.850/1.533



EXIST. CURVE RT37
PI STA. = 525+17.88
Δ = 35° 31' 46" (LT)
D = 2° 58' 31"
R = 1,925.69'
T = 616.97'
L = 1,194.14'
E = 96.42'
P.C. STA. = 519+00.91
P.T. STA. = 530+95.05

EXIST. CURVE SRI-EXT-1
PI STA. = 7+62.56
Δ = 8° 01' 53" (RT)
D = 10° 48' 28"
R = 530.13'
T = 37.22'
L = 74.31'
E = 1.30'
P.C. STA. = 7+25.34
P.T. STA. = 7+99.65

COORDINATE LIST

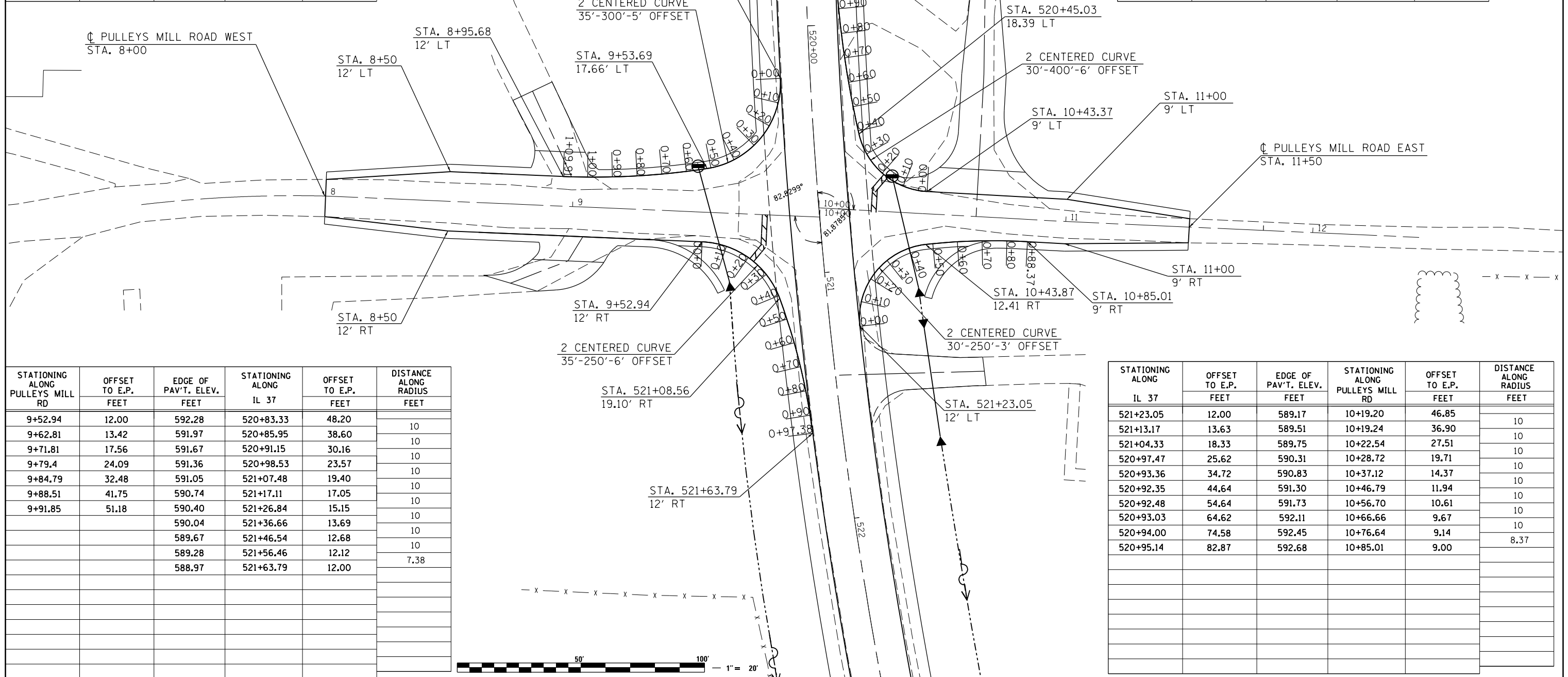
PT#	NORNING	EASTING
MF26	340187.35	796986.97
MF27	340197.39	797030.84
MF28	340049.89	797070.59
MF29	339958.49	797069.59
MF30	339919.21	797094.88
MF31	339915.62	797085.55
MF32	339544.35	797286.60
MF33	339549.81	797294.98
MF42	340459.24	797119.70
MF44	340446.02	796970.09
MF45	340454.77	796864.02
MF46	340471.27	796833.20
MF47	340513.06	796979.93
MF48	340515.00	796836.54
MF49	340493.66	796836.75
MF52	340456.75	797207.40
MF53	340467.38	797208.01
MF54	340416.14	797124.43
MF57	341186.77	797085.40
MF60	340931.78	797083.26
MF61	340931.65	797098.26
MF62	340706.66	797096.37
MF63	340706.62	797101.37
MF64	340655.71	797100.94
MF65	340655.67	797105.94
MF69	340559.52	797097.61
MF70	340559.95	797107.60
MF71	340510.68	797095.34
MF72	340511.55	797188.51

COORDINATE LIST

PT#	NORNING	EASTING
MF73	340497.48	797209.65
MF98	340468.76	797075.21
MF108	340469.44	797008.31
MF115	340755.88	797546.80
MF117	340462.39	797688.61
MF118	340462.73	797655.84
MF119	340653.01	797648.94
MF120	340653.01	797522.61
MF121	340682.78	797677.19
MF123	340755.43	797096.78
MF124	341209.63	796995.59
MF125	341169.63	796995.26
MF126	340701.88	796976.32
MF127	340344.41	796957.51
MF134	340195.16	797021.09
MF135	340424.98	796982.49
MF136	340344.02	796992.95
MF141	340774.86	797191.94
MF142	341061.85	797194.36

STATIONING ALONG ILLINOIS 37	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG PULLEYS MILL RD	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
520+20.6	12.00	594.12	9+81.76	55.36	10
520+30.4	13.44	593.79	9+81.29	45.41	10
520+39.36	17.65	593.43	9+78.04	35.99	10
520+46.73	24.27	593.07	9+72.27	27.87	10
520+51.92	32.73	592.74	9+64.44	21.70	10
520+54.51	42.34	592.54	9+55.19	17.99	10
520+55.21	52.32	592.54	9+45.36	16.14	10
520+55.55	62.31	592.75	9+35.47	14.65	10
520+55.57	72.31	593.18	9+25.54	13.49	10
520+55.27	82.30	593.61	9+15.58	12.66	10
520+54.65	92.28	594.04	9+05.59	12.16	10
520+53.74	102.14	594.46	8+95.68	12.00	9.91

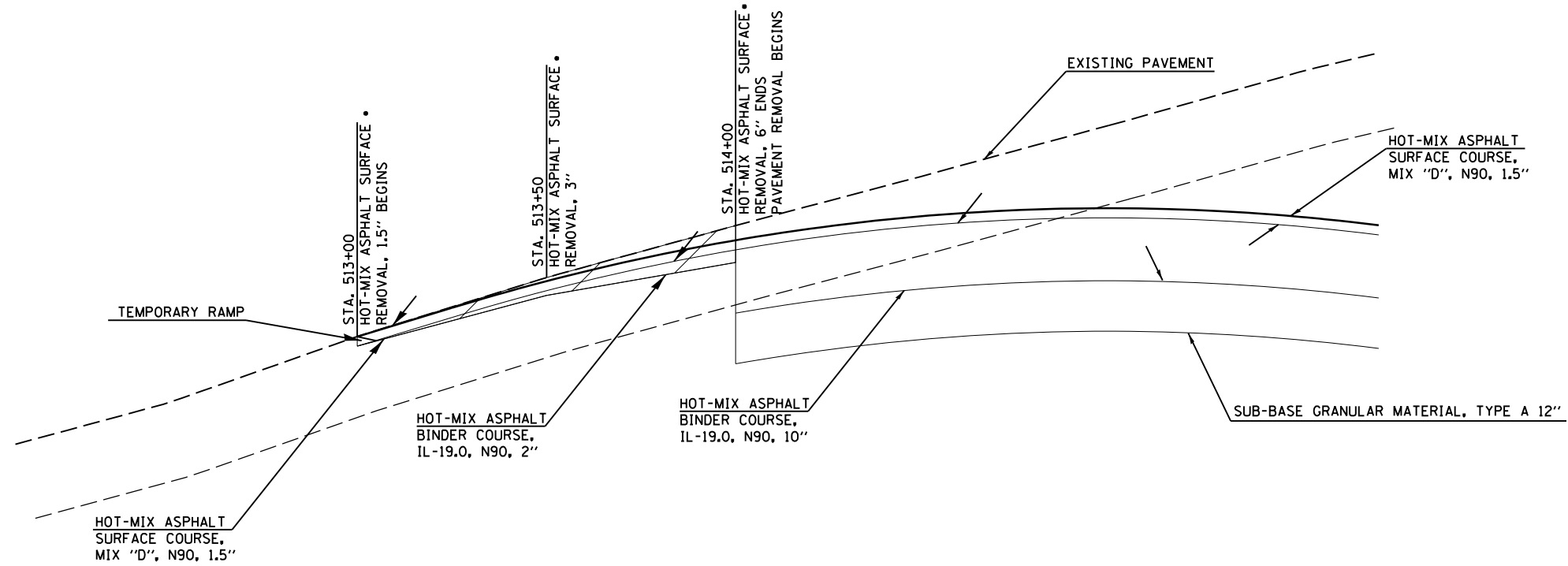
STATIONING ALONG PULLEYS MILL RD	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG IL 37	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
10+43.37	9.00	591.23	520+70.64	44.19	10
10+33.56	10.65	590.98	520+67.62	34.69	10
10+24.82	15.42	590.79	520+61.65	26.65	10
10+18.13	22.79	591.04	520+53.38	20.96	10
10+14.19	31.94	591.72	520+43.72	18.18	10
10+11.57	41.59	592.09	520+33.74	16.72	10
10+09.19	51.30	592.45	520+23.74	15.45	10
10+07.05	61.07	592.78	520+13.72	14.38	10
10+05.16	70.89	593.11	520+03.68	13.51	10
10+03.51	80.75	593.42	519+93.64	12.84	10
10+02.11	90.65	593.71	519+83.58	12.36	10
10+00.96	100.58	593.99	519+73.52	12.08	10
10+00.13	109.67	594.23	519+64.34	12.00	9.12



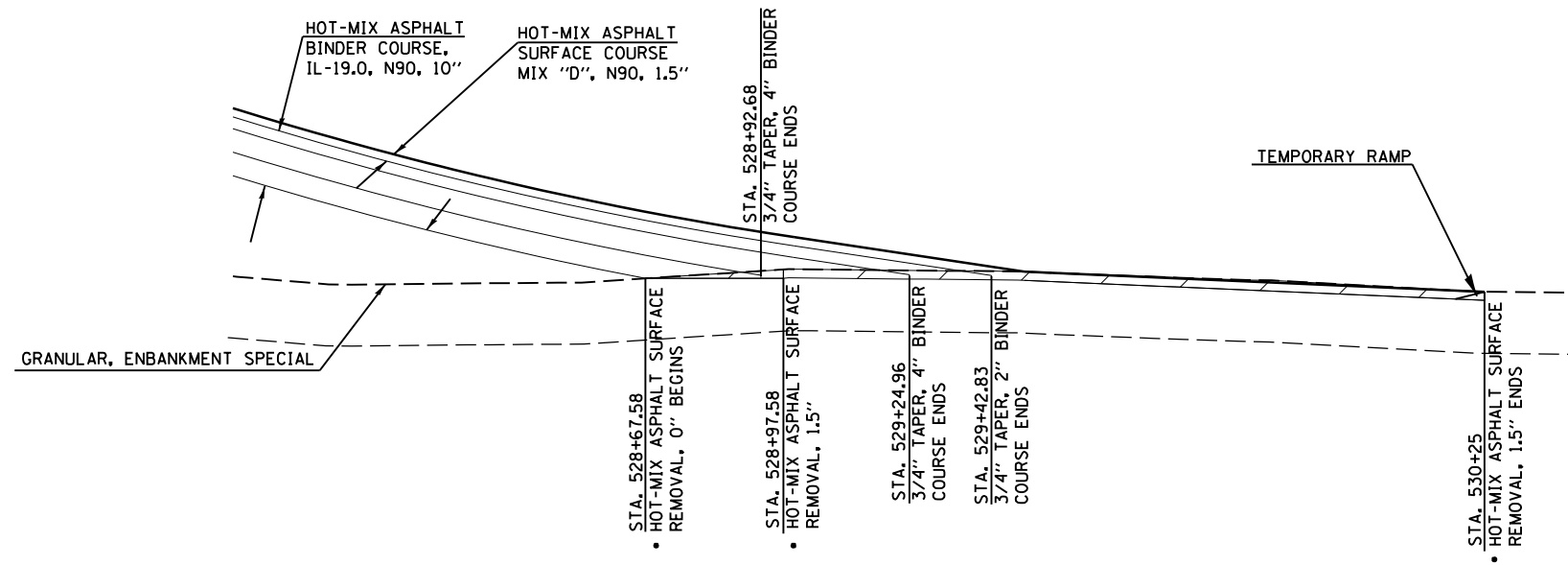
STATIONING ALONG PULLEYS MILL RD	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG IL 37	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
9+52.94	12.00	592.28	520+83.33	48.20	10
9+62.81	13.42	591.97	520+85.95	38.60	10
9+71.81	17.56	591.67	520+91.15	30.16	10
9+79.4	24.09	591.36	520+98.53	23.57	10
9+84.79	32.48	591.05	521+07.48	19.40	10
9+88.51	41.75	590.74	521+17.11	17.05	10
9+91.85	51.18	590.40	521+26.84	15.15	10
		590.04	521+36.66	13.69	10
		589.67	521+46.54	12.68	10
		589.28	521+56.46	12.12	10
		588.97	521+63.79	12.00	7.38

STATIONING ALONG IL 37	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG PULLEYS MILL RD	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
521+23.05	12.00	589.17	10+19.20	46.85	10
521+13.17	13.63	589.51	10+19.24	36.90	10
521+04.33	18.33	589.75	10+22.54	27.51	10
520+97.47	25.62	590.31	10+28.72	19.71	10
520+93.36	34.72	590.83	10+37.12	14.37	10
520+92.35	44.64	591.30	10+46.79	11.94	10
520+92.48	54.64	591.73	10+56.70	10.61	10
520+93.03	64.62	592.11	10+66.66	9.67	10
520+94.00	74.58	592.45	10+76.64	9.14	10
520+95.14	82.87	592.68	10+85.01	9.00	8.37

START OF GRADE CUT



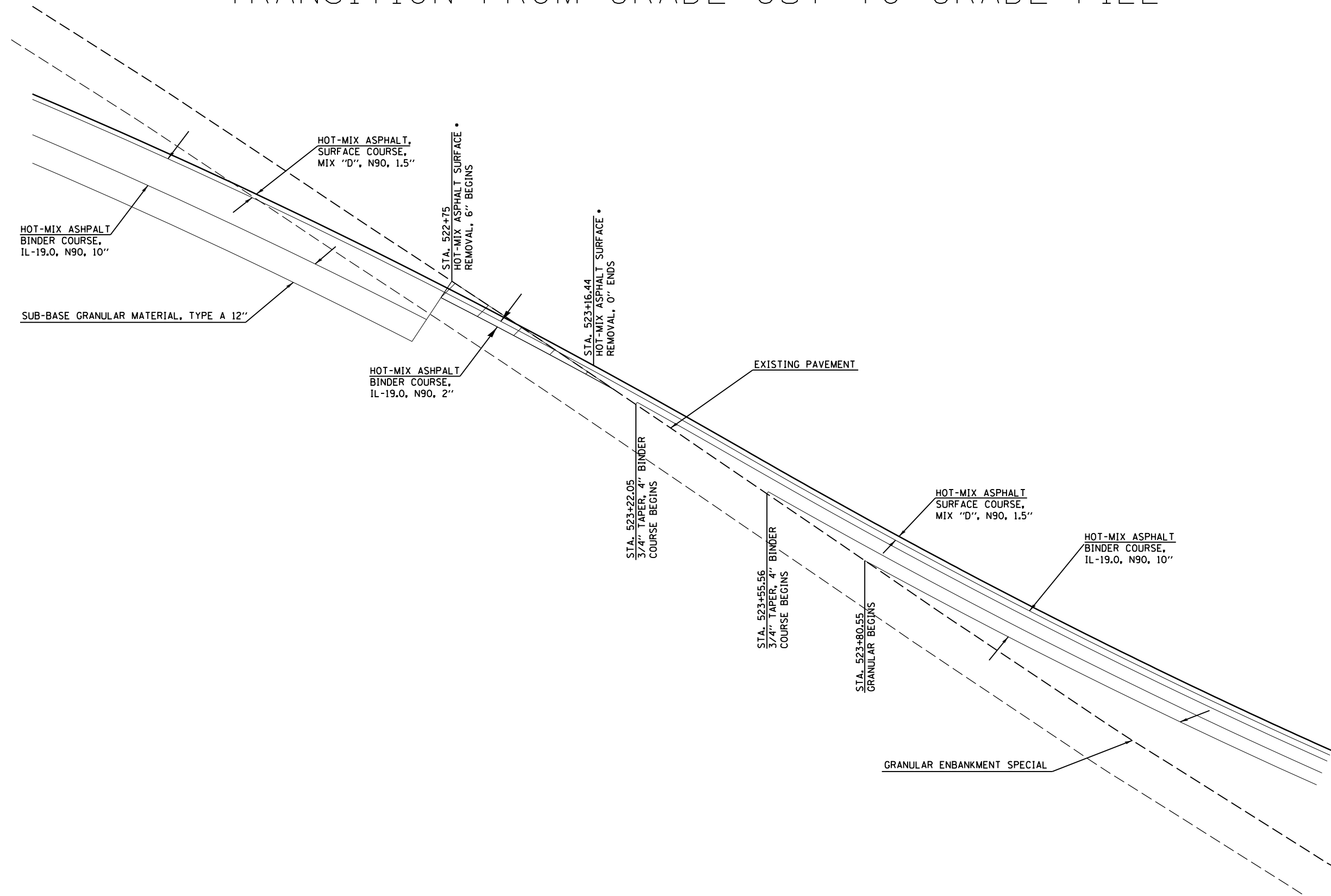
END OF GRADE FILL



• HOT-MIX ASPHALT SURFACE REMOVAL 1.5" & VARIABLE TO BE USED TO OBTAIN CORRECT PROFILE.
PLACE A MINIMUM OF 1.5" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOT-MIX ASPHALT TRANSITION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\kranz\j\0308025\78320-shu-details.dgn		DRAWN -	REVISED -					726	D9 SAFETY 2013-1	WILLIAMSON	112	51
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78320				
	PLOT DATE = 10/18/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

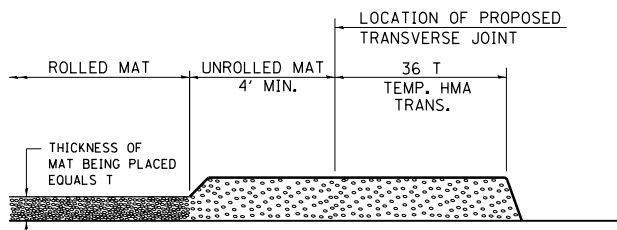
TRANSITION FROM GRADE CUT TO GRADE FILL



• HOT-MIX ASPHALT SURFACE REMOVAL 1.5" & VARIABLE TO BE USED TO OBTAIN CORRECT PROFILE, PLACE A MINIMUM OF 1.5" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90

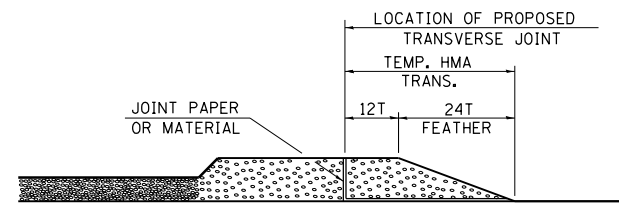
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOT-MIX ASPHALT TRANSITION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\pwork\kranz\jcd\0308025\78320-shu-details.dgn		DRAWN -	REVISED -					726	D9 SAFETY 2013-1	WILLIAMSON	112	52
\$MODELNAME\$		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78320				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



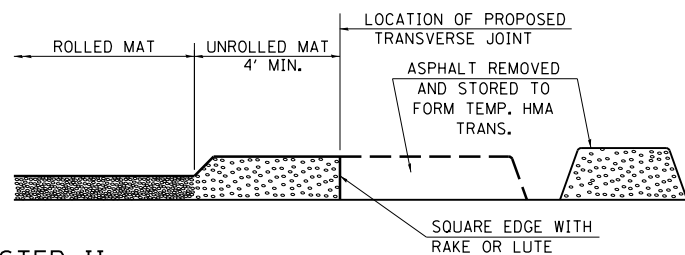
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



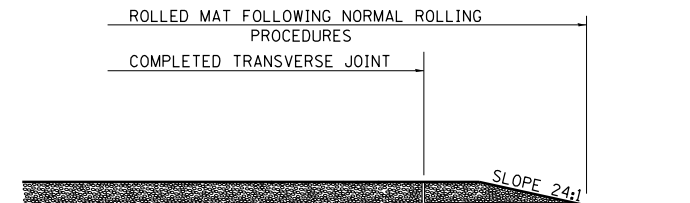
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

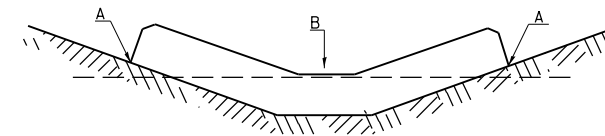
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08

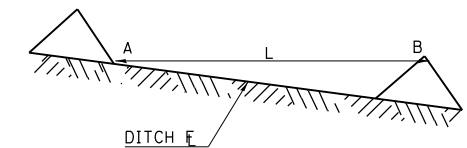
STD. 9-26

TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



SPACING BETWEEN TEMPORARY DITCH CHECKS

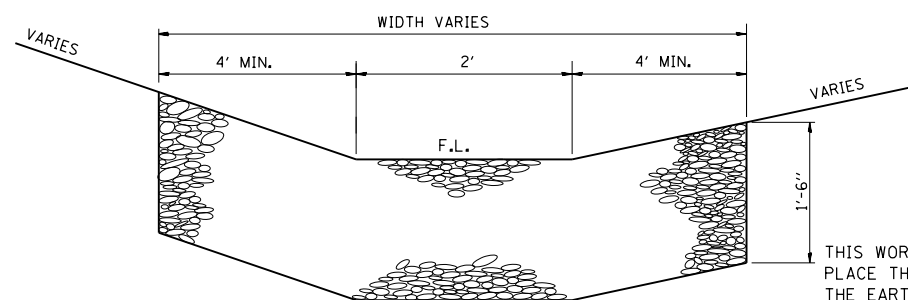


- L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION
- B = THE LOW POINT IN CENTER OF CHECK

REVISIONS	
DRAWN	9-01-99
REVISED	10-3-01
REVISED	05-04-10

STD. 9-108

TYPICAL DETAIL OF STONE RIPRAP DITCH LINING



NOTES

THIS WORK INCLUDES THE EARTH EXCAVATION REQUIRED TO PLACE THE RIPRAP AS SHOWN. THE MATERIAL RESULTING FROM THE EARTH EXCAVATION SHALL BE PLACED IN THE ROADWAY EMBANKMENT, OR WASTED AS DIRECTED BY THE ENGINEER. THE EARTHWORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DITCH.

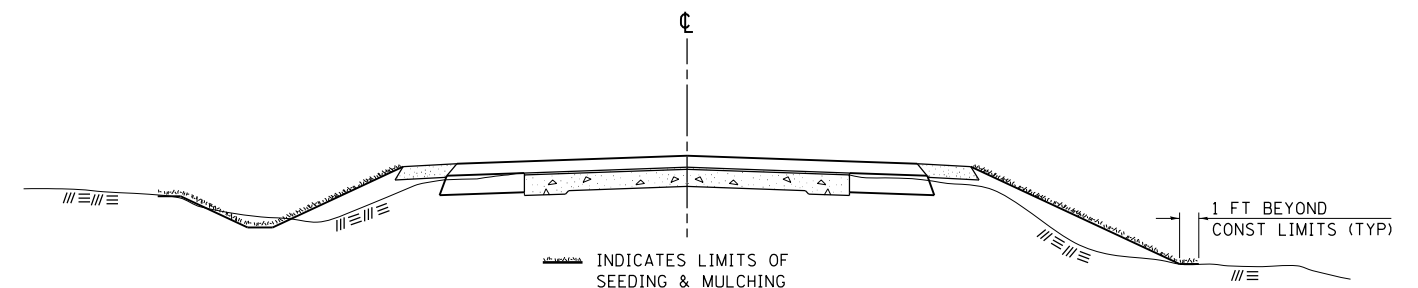
THE RIPRAP DITCH SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. CONSTRUCTION OF THE STONE RIPRAP DITCH SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A4 RIPRAP AS INDICATED IN SECTION 281 OF STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR **STONE RIPRAP, CLASS A4**, WHICH PRICE SHALL INCLUDE ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN.

BEDDING MATERIAL AND FILTER FABRIC AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.

THE WIDTH OF THE RIPRAP DITCH WILL BE AS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDDED AREAS.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08

STD. 9-12

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
ei:\pw\work\p\idot\kranz\j\0308025\78320-shu-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

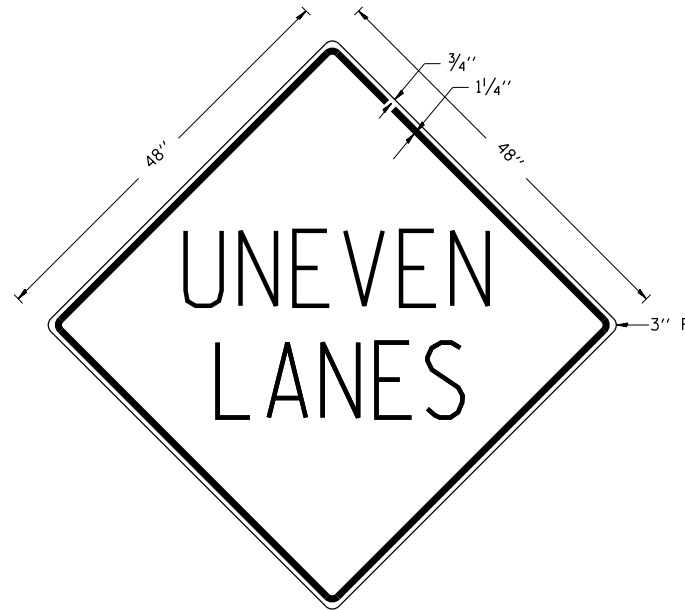
**DETAILS: TEMP HMA TRANSITIONS, TEMP DITCH CHECKS
STONE RIPRAP DITCH LINING, SEED & MULCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	53
			CONTRACT NO. 78320	
ILLINOIS FED. AID PROJECT				

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:
 LEGEND AND BORDER - BLACK NON-REFLECTORIZED
 BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

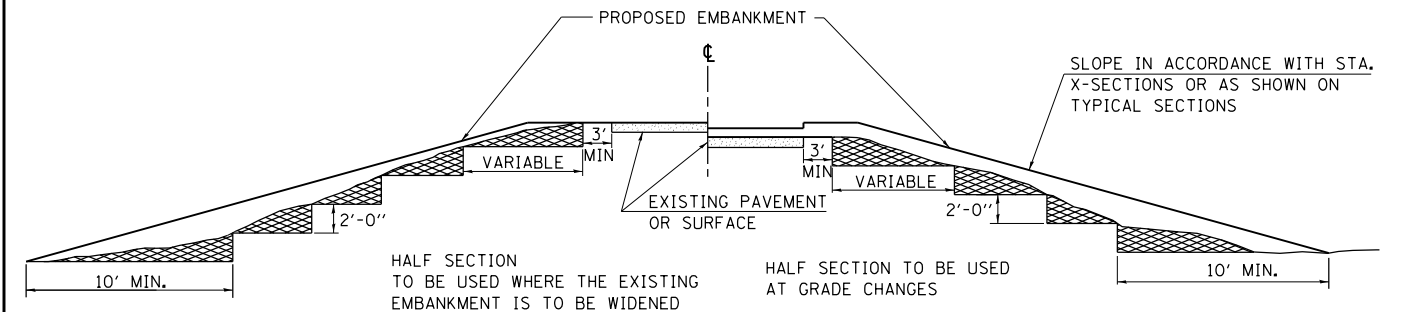
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08

STD. 9-41

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL



HALF SECTION TO BE USED WHERE THE EXISTING EMBANKMENT IS TO BE WIDENED

HALF SECTION TO BE USED AT GRADE CHANGES

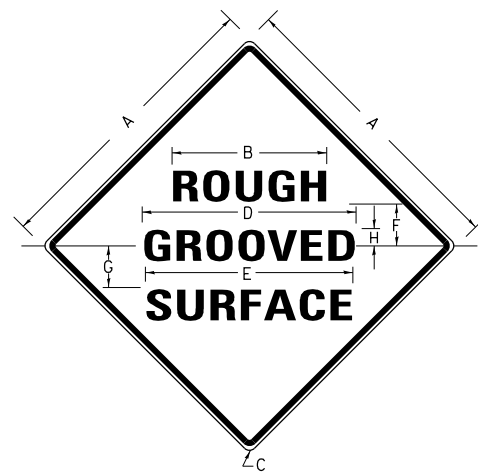
MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
CHECKED	6-3-99
RESIZED	5-7-08

STD. 9-16

ILLINOIS STANDARD

W8-I106



COLORS:
 LEGEND AND BORDER- BLACK NON-REFLECTORIZED
 BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

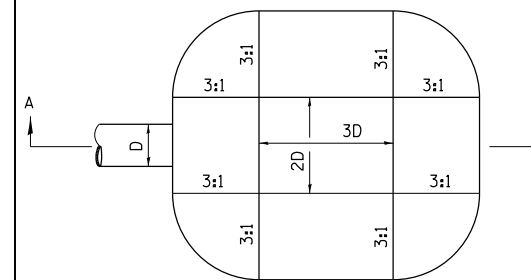
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVISED	

STD. 9-39

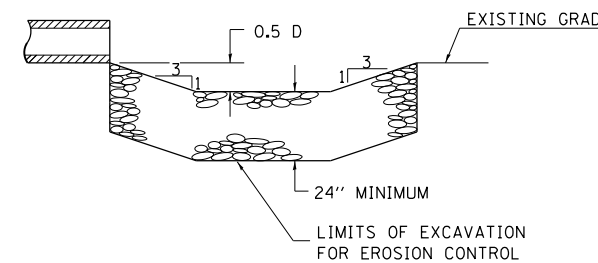
ENERGY DISSIPATOR

EARTH EXCAVATION FOR ENERGY DISSIPATOR



D= INSIDE DIAMETER OF PIPE CULVERT OR CLEAR HEIGHT OF BOX CULVERT

PLAN



SECTION A-A

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER. THE EXCAVATION SHALL BE PERFORMED AT THE SAME TIME AS THE CULVERT OR DITCH IS CONSTRUCTED TO SERVE AS A TEMPORARY SEDIMENT TRAP.

EARTHWORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE RIPRAP.

ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE PLAN AND PROFILE SHEETS.

RIPRAP FOR ENERGY DISSIPATOR

RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS EXCEPT AS REVISED HEREIN.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR **STONE RIPRAP, CLASS A4.**

THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

BEDDING MATERIAL AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.

REVISIONS	
REDRAWN	2-15-89
REVISED	11-3-93
REVISED	8-15-94
REVISED	12-14-01
REVISED	3-26-08

STD 9-6

FILE NAME =	USER NAME = USER*	DESIGNED -	REVISED -
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\$MODELNAME*	PLOT DATE = 10/18/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS: UNEVEN LANES SIGN W8-11, STEP CONSTRUCTION,
 ILLINOIS STANDARD SIGN W8-I106, ENERGY DISSIPATOR

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	54
			CONTRACT NO. 78320	
ILLINOIS FED. AID PROJECT				

RURAL SIDE APPROACH DETAILS

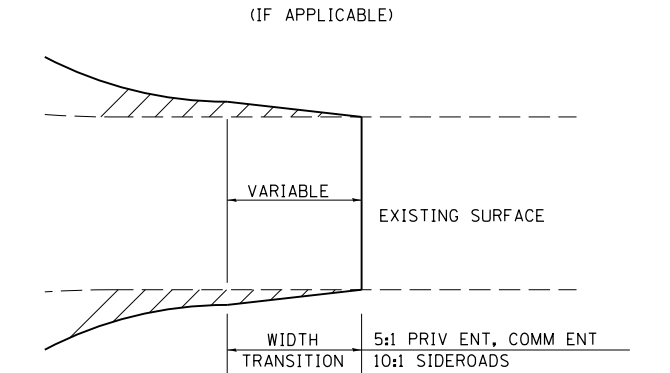
PRIVATE AND COMMERCIAL ENTRANCES

SIDEROADS

SIDEROAD DIMENSIONS (MIN.)

ADT	A (FT)	B (FT)
0 TO 250	18'	2'
250 TO 400	20'	2'
GREATER THAN 400	22'	4'

WIDTH TRANSITION DETAIL TO EXISTING

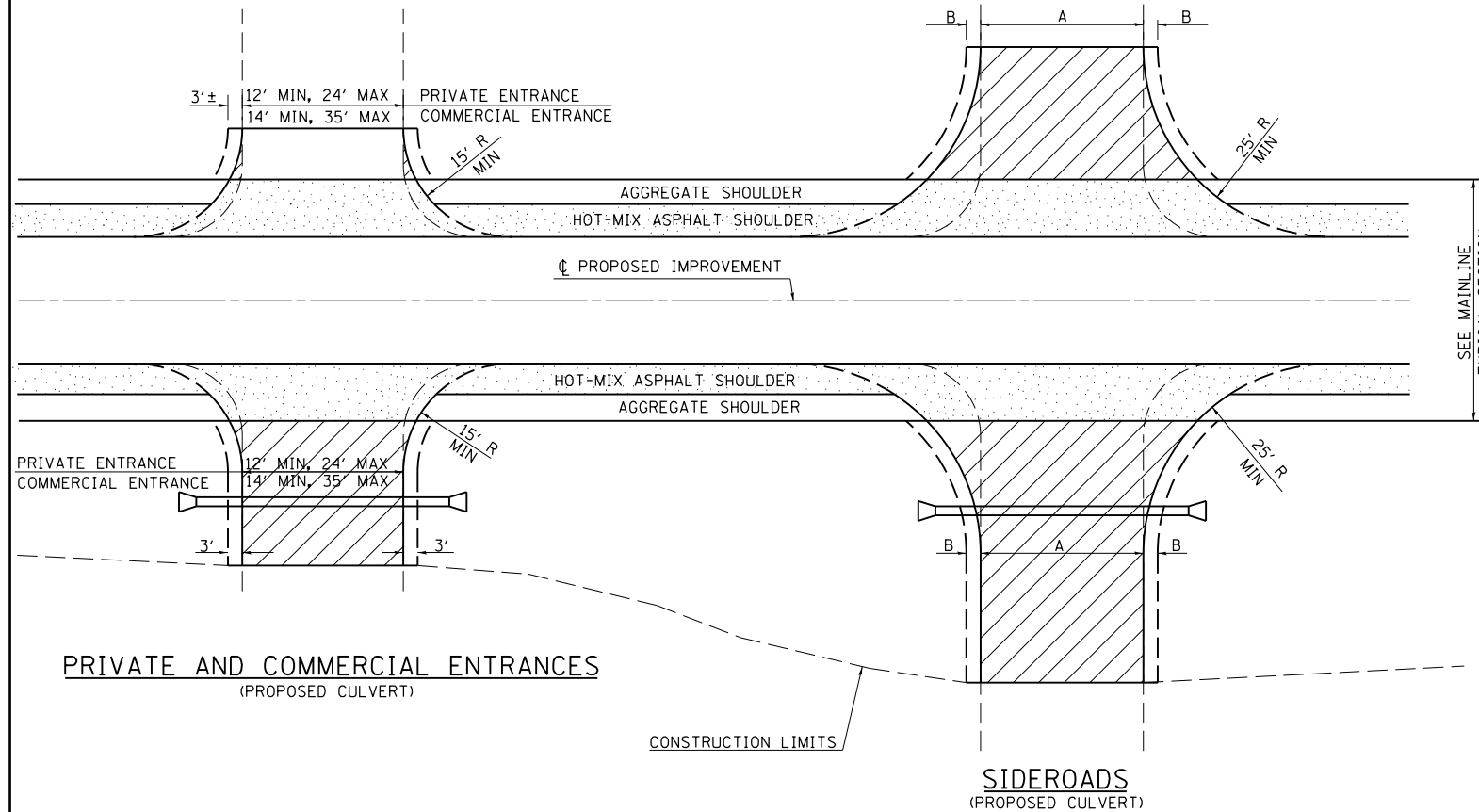
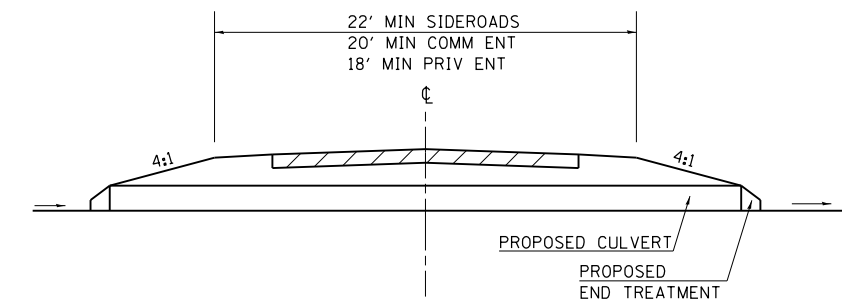


FIELD ENTRANCE TREATMENT

CONSTRUCT MAINLINE HOT-MIX ASPHALT AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES.

IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

DETAIL FOR CALCULATING CULVERT LENGTH



LEGEND

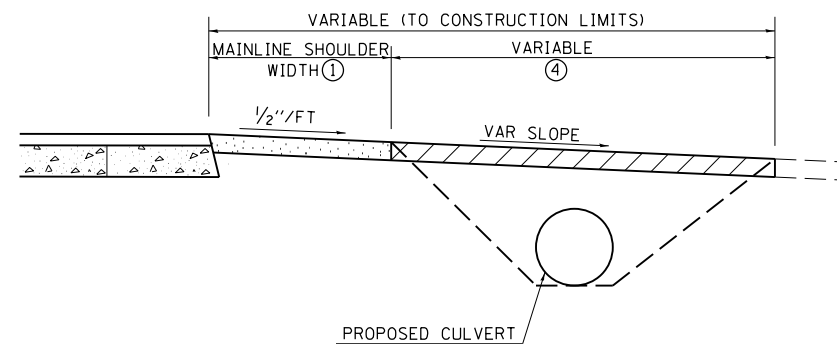
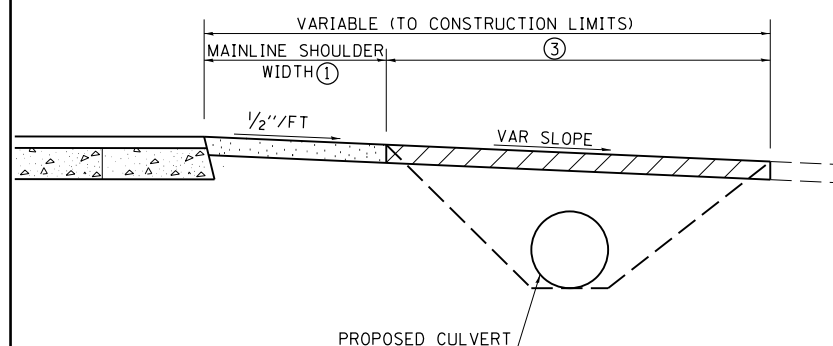
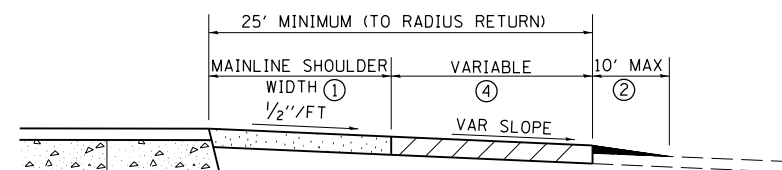
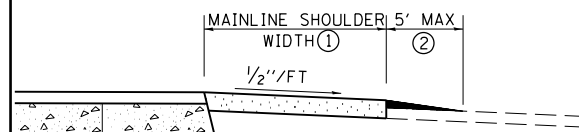
- CONSTRUCT HOT-MIX ASPHALT SHOULDER "FULL SHOULDER WIDTH" THROUGH ENTRANCE/INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- IF REQUIRED, AGGREGATE TAPER FOR EXISTING GRAVEL SURFACE; HOT-MIX ASPHALT TAPER FOR EXISTING HIGHER TYPE SURFACES.
- 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" HOT-MIX ASPHALT RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.
- 3" MINIMUM HOT-MIX ASPHALT RESURFACING ON 8" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

GENERAL NOTES

- ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
- IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 16' WIDE SURFACE WITH 3' WIDE SHOULDERS (22' WIDE EMBANKMENT).
- SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
- ENTRANCE PIPE CULVERTS ARE TO BE A MINIMUM 15" DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE (18" MINIMUM DIAMETER).
- THE INTERSECTION RADII OF SIDEROADS CONSTRUCTED TO FULL POLICY STANDARDS SHOULD COMPLY WITH THAT NOTED IN THE BUREAU OF LOCAL ROADS ADMINISTRATIVE POLICIES MANUAL (5-8-13).

PRIVATE AND COMMERCIAL ENTRANCES

SIDEROADS



REVISIONS

DRAWN	3-15-91
REVISED	10-02-91
REVISED	5-15-92
REVISED	1-20-00
REVISED	01-11-07
RESIZED	5-7-08

STD. 9-83

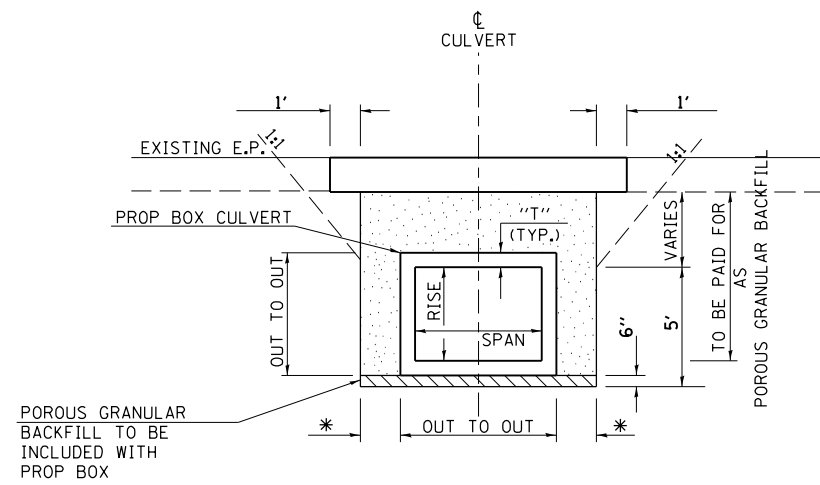
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

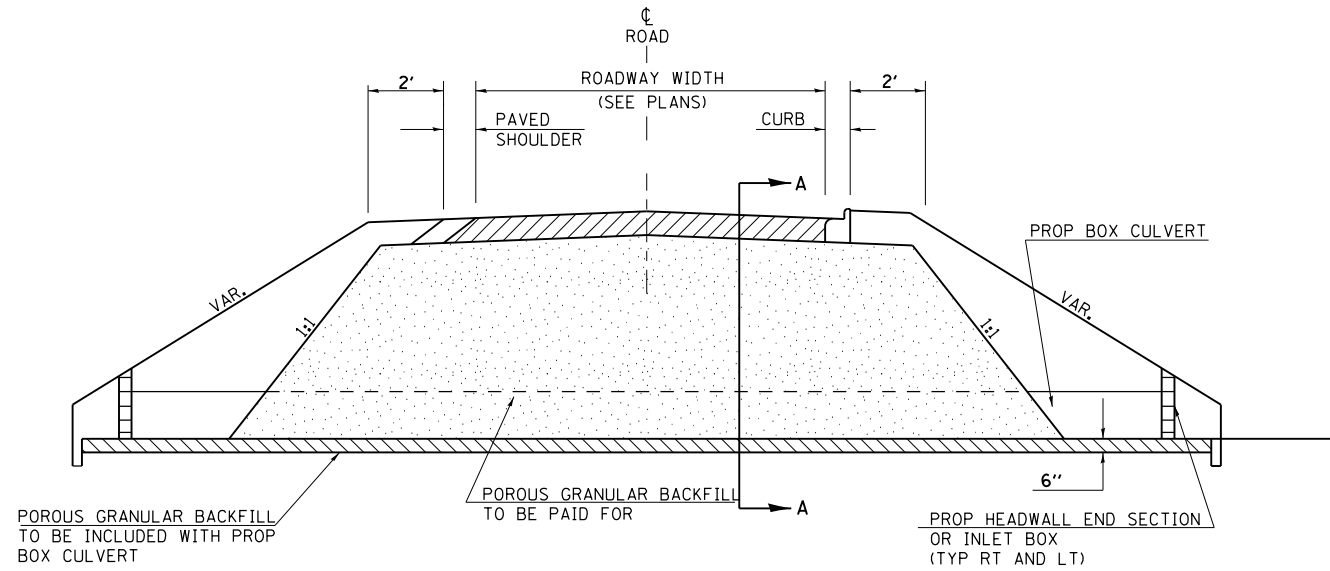
DETAILS: RURAL SIDE APPROACH

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78320	

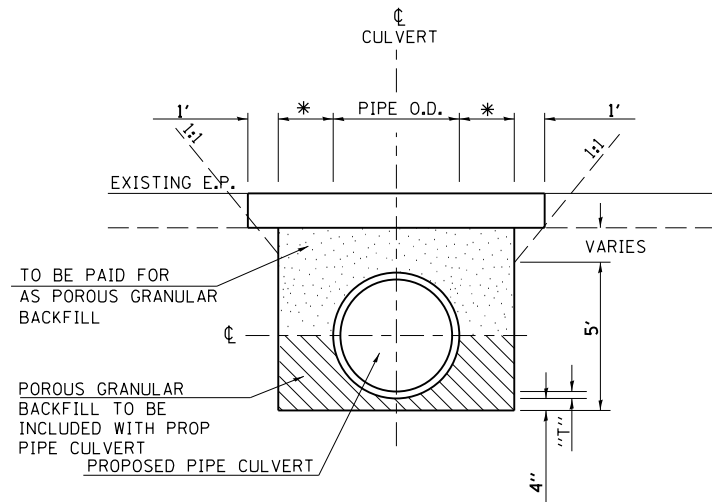


**SECTION A-A: PROPOSED BOX
TRENCH DEPTH GREATER THAN 5'
SHORING REQUIRED**

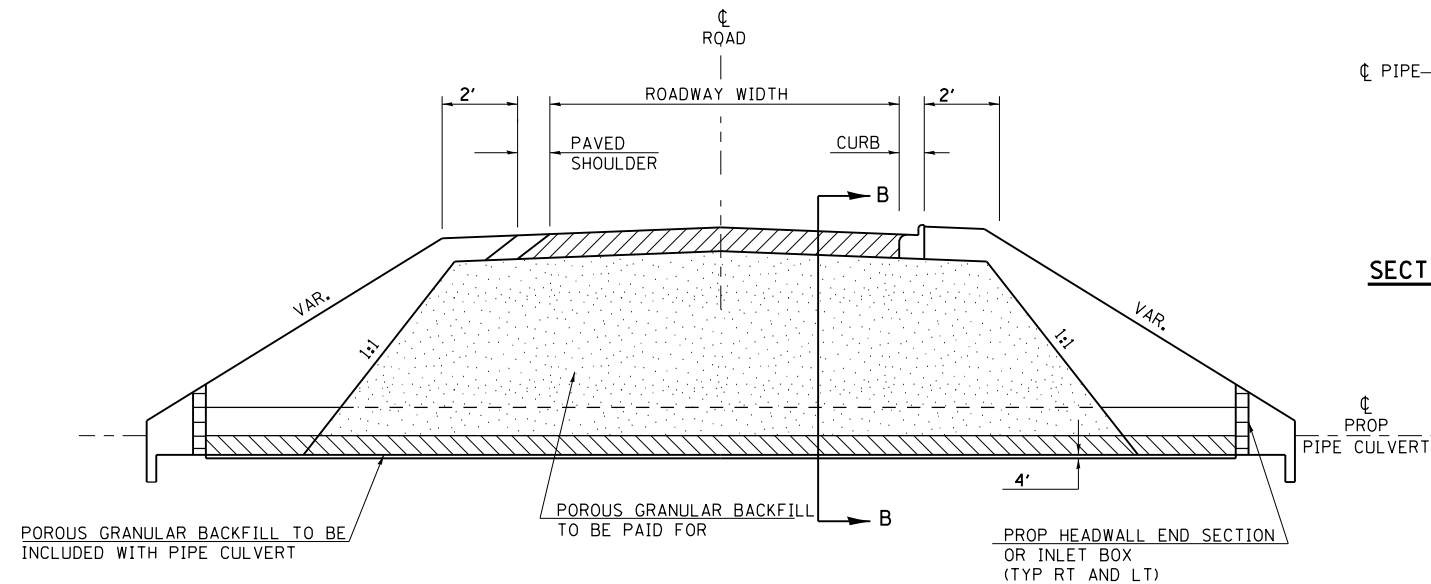


PROFILE SECTION THRU BOX CULVERT ACROSS ROADWAY

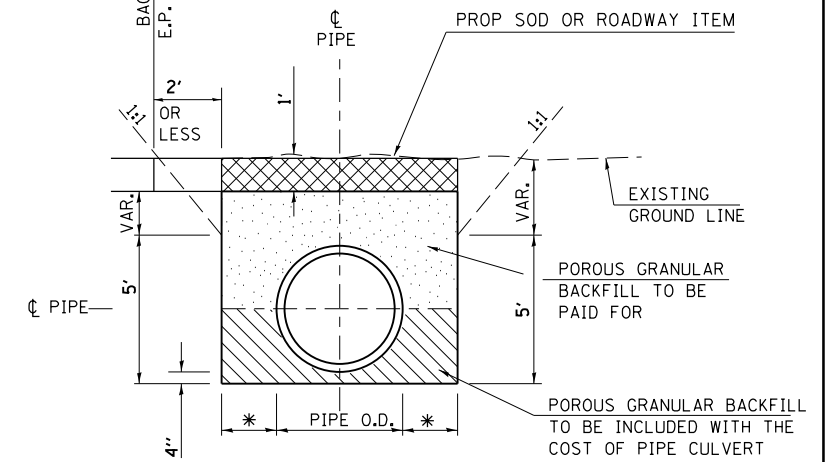
"T" = WALL THICKNESS OF CULVERT



**SECTION B-B: PROPOSED PIPE CULVERT
TRENCH DEPTH GREATER THAN 5'
SHORING REQUIRED**



PROFILE SECTION THRU PIPE CULVERT ACROSS ROADWAY



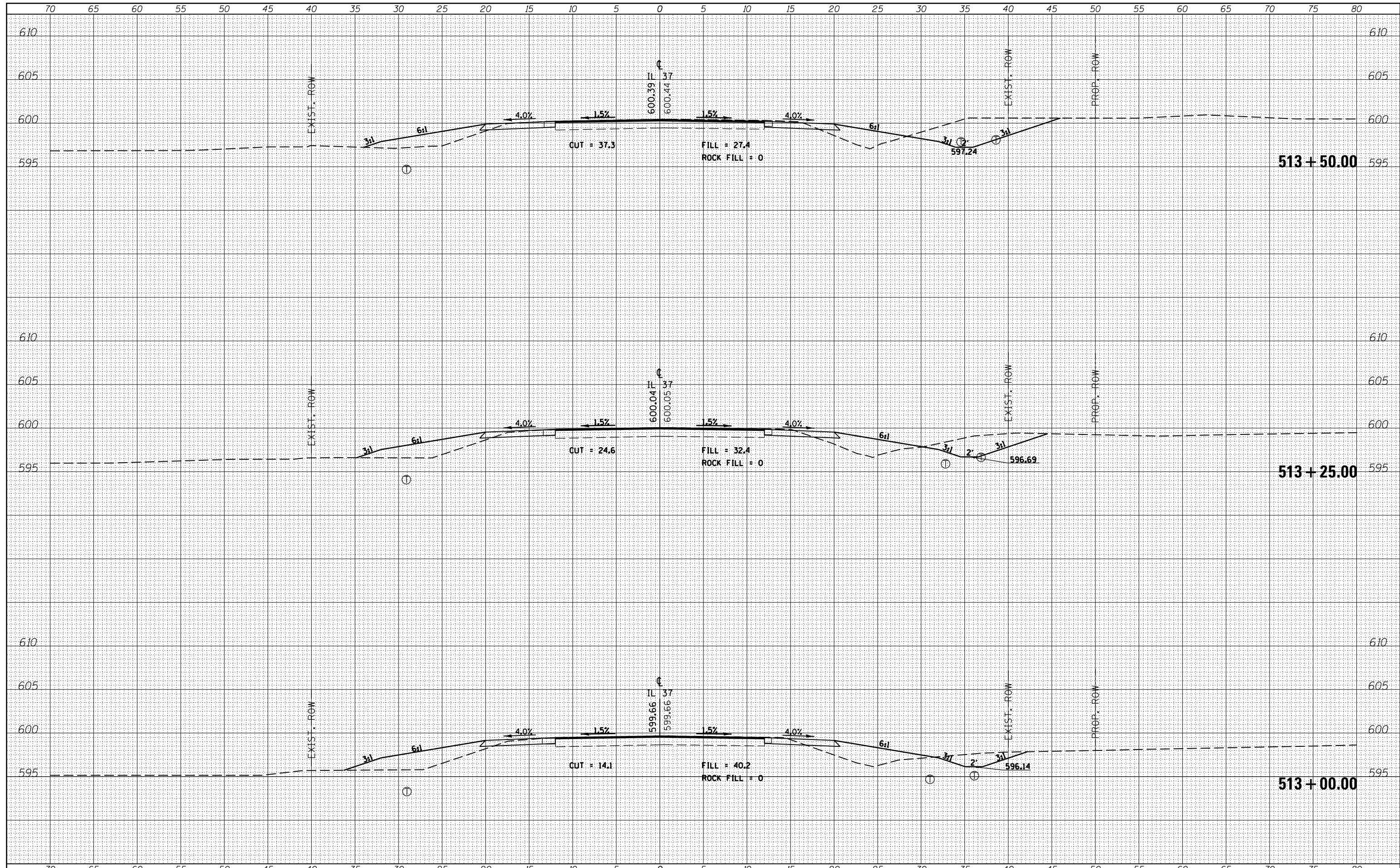
SECTION OF TRENCHES NEAR EDGE OF PAVEMENT

* 9" + PIPE OD + 9" WHEN TRENCH DEPTH < 5'.
18" + PIPE OD + 18" WHEN TRENCH DEPTH > 5'.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL: POROUS GRANULAR BACKFILL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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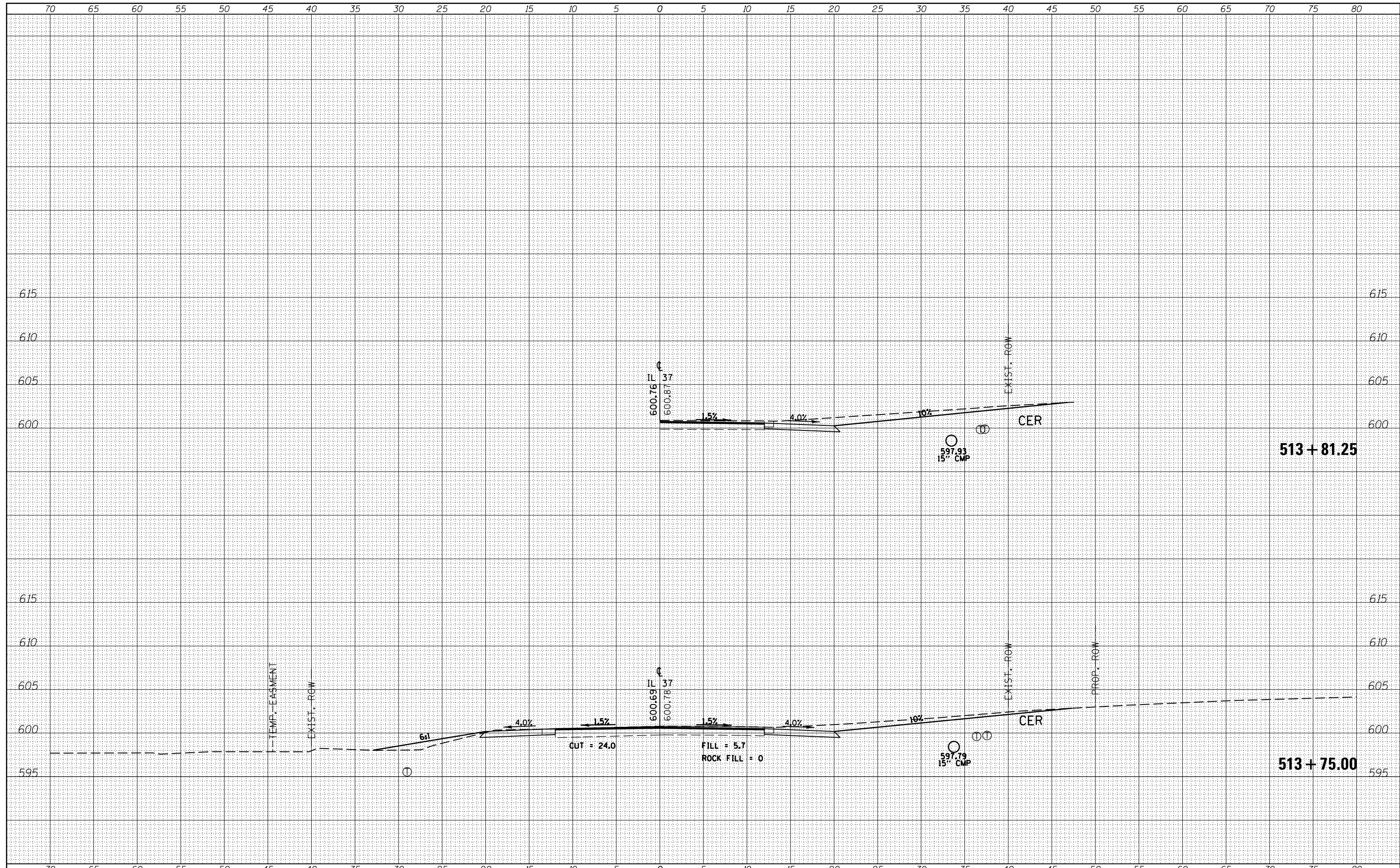
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		DATE -	REVISIED -								

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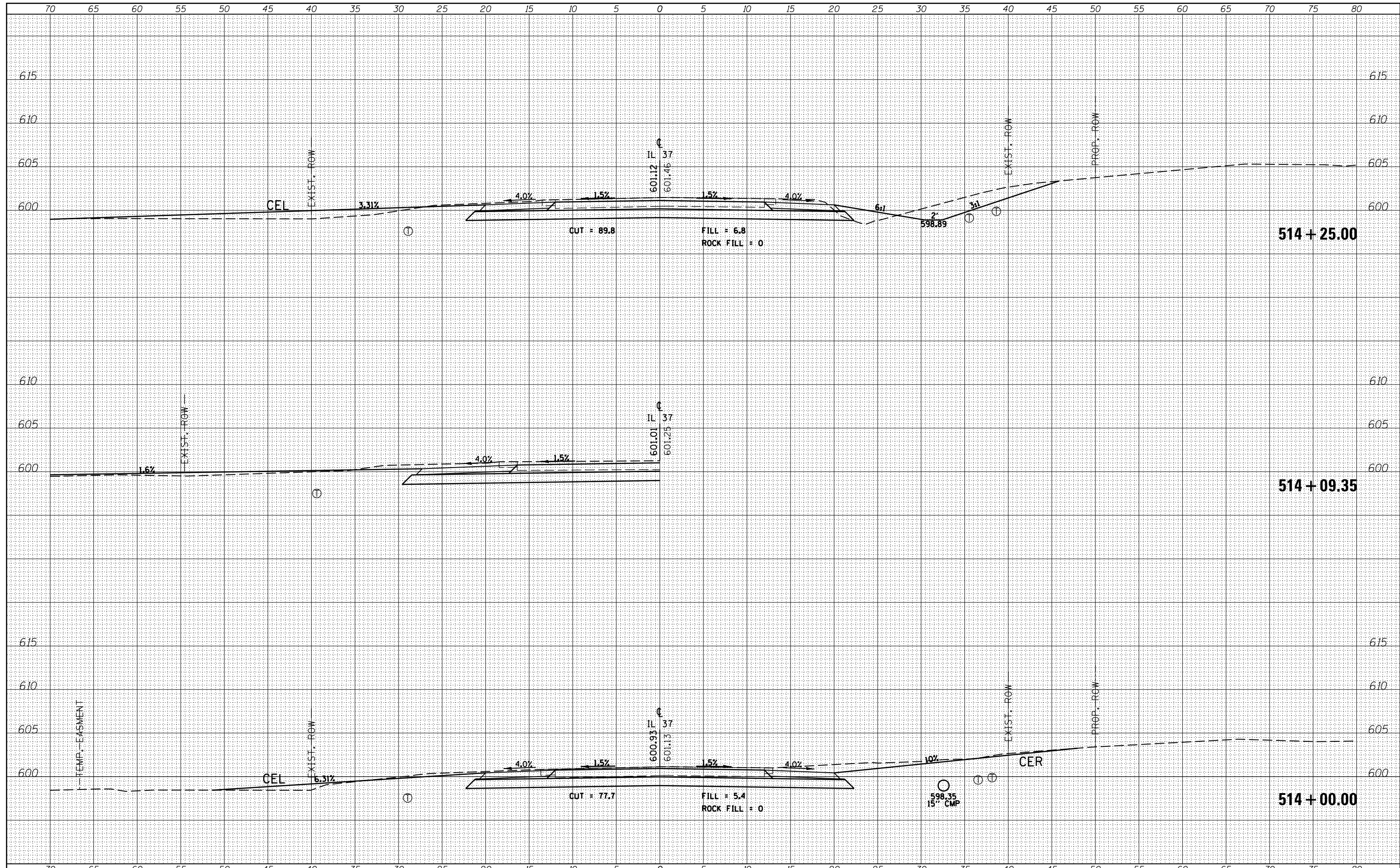
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MODELNAME	PLOT DATE = 10/18/2013	DATE -	REVISED -		SHEET	OF	SHEETS	STA. 513+75.00	TO STA. 513+81.25		

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NOTE BOOK	PLOTTED
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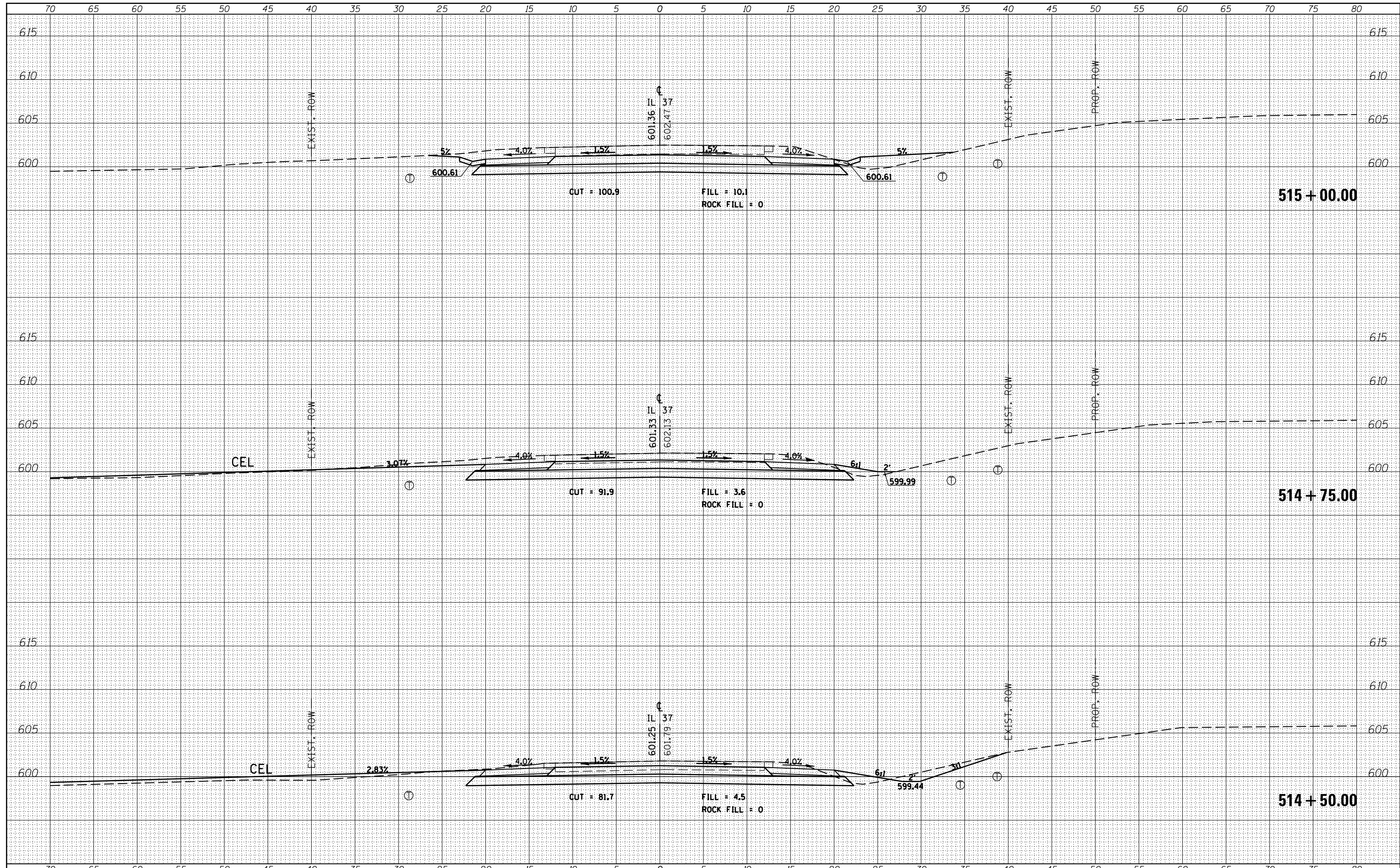
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		DATE -	REVISIED -		ILLINOIS FED. AID PROJECT							

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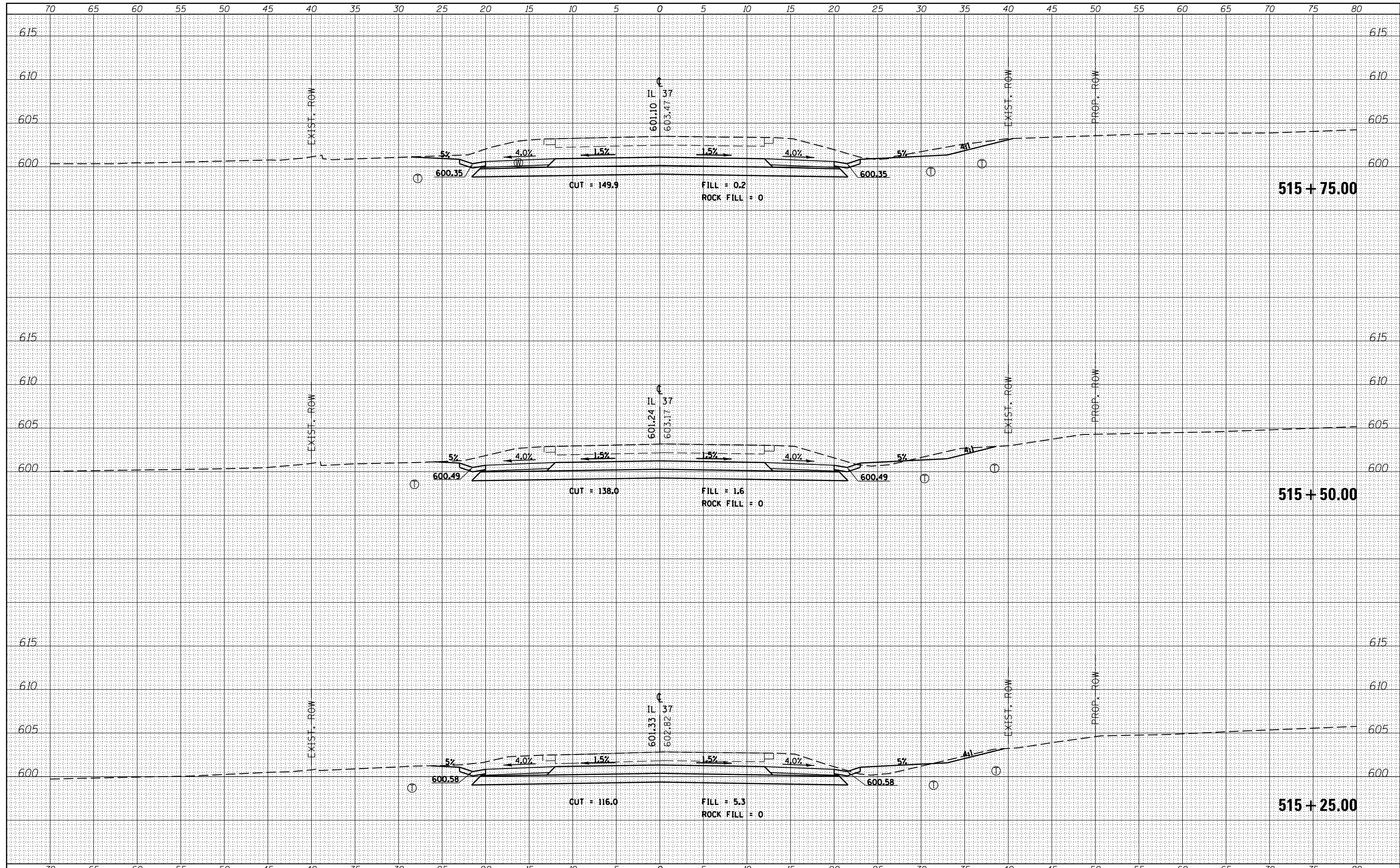
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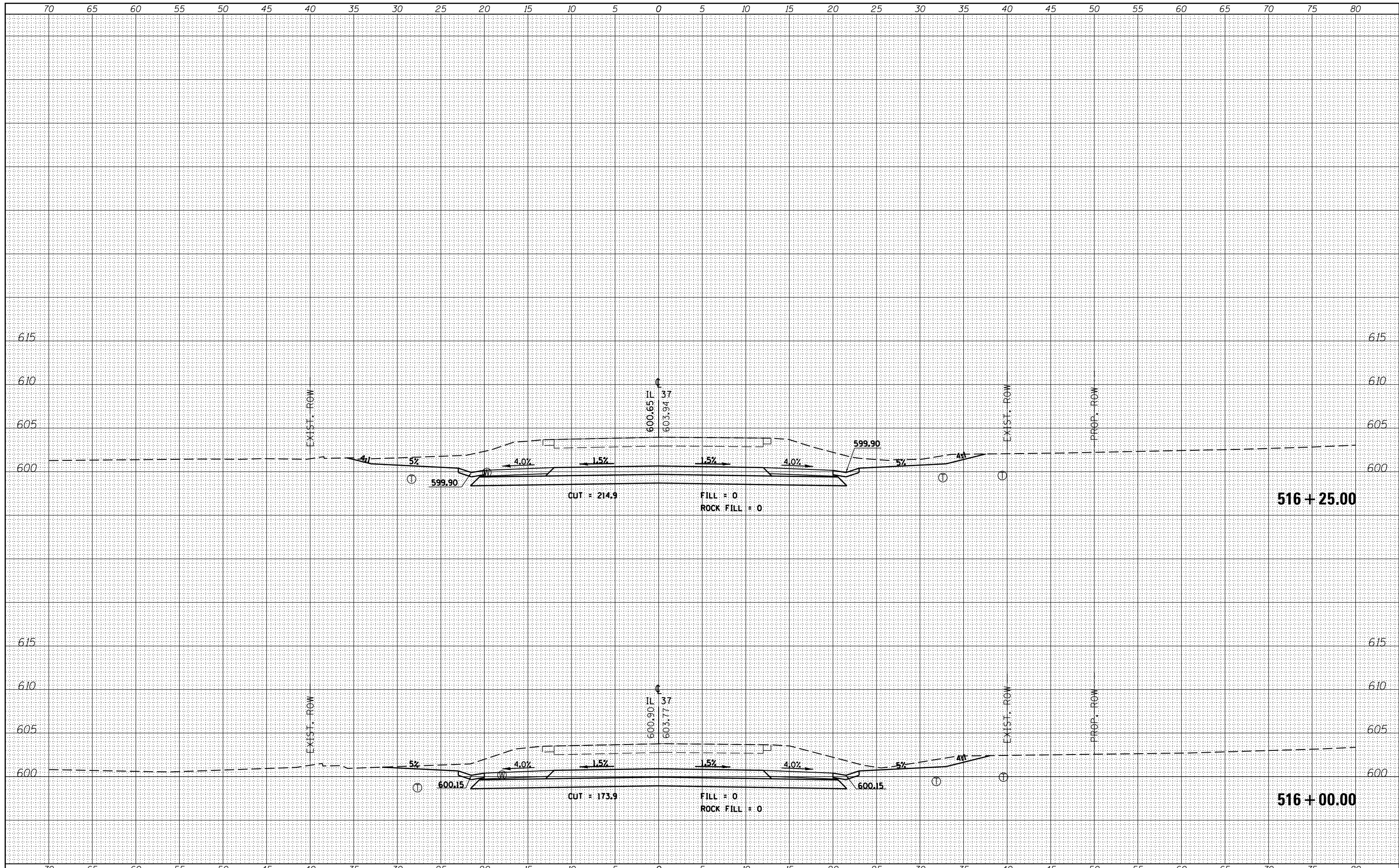
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 37

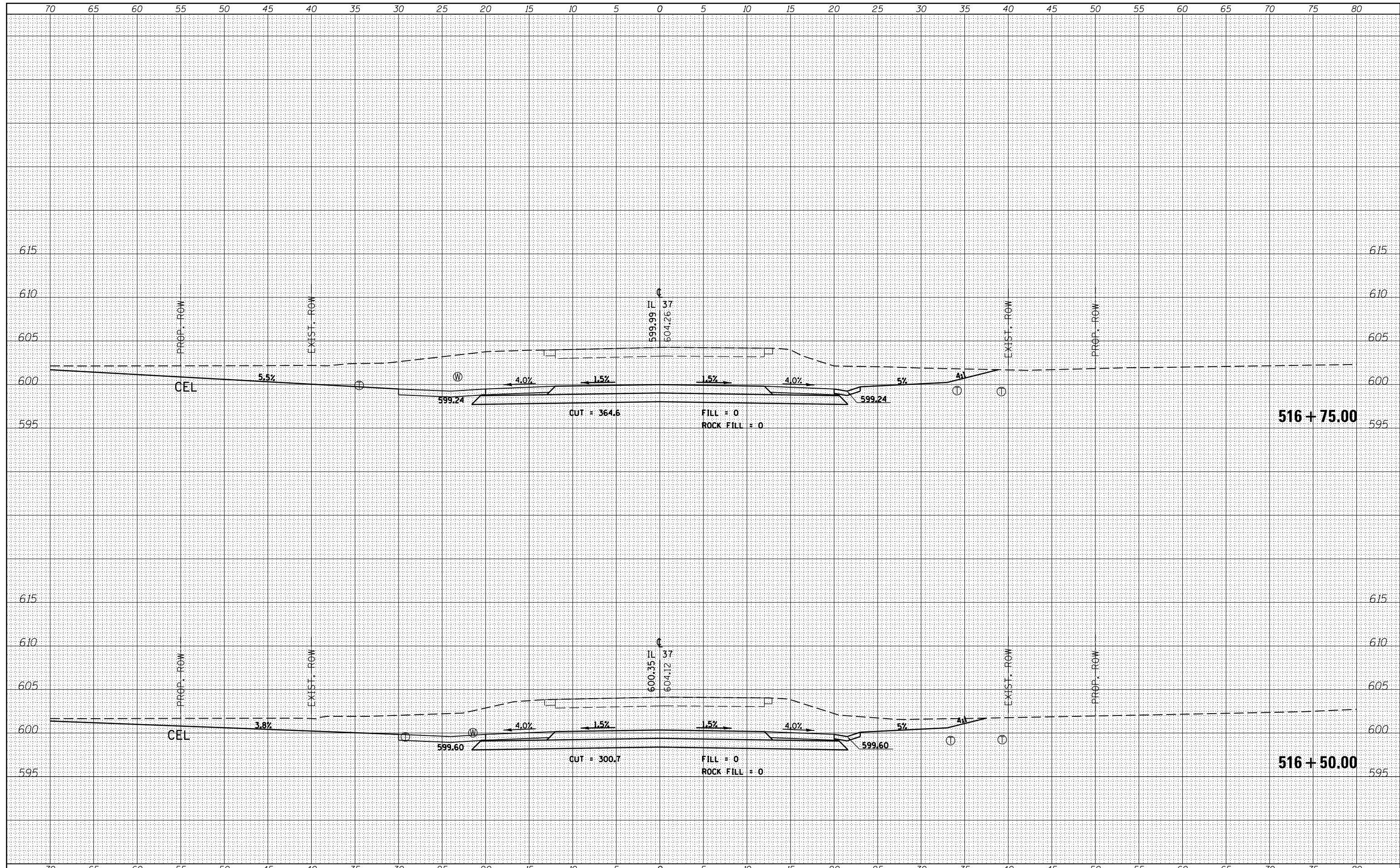
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726	D9 SAFETY 2013-1	WILLIAMSON	112	62
			CONTRACT NO. 78320	

ILLINOIS FED. AID PROJECT

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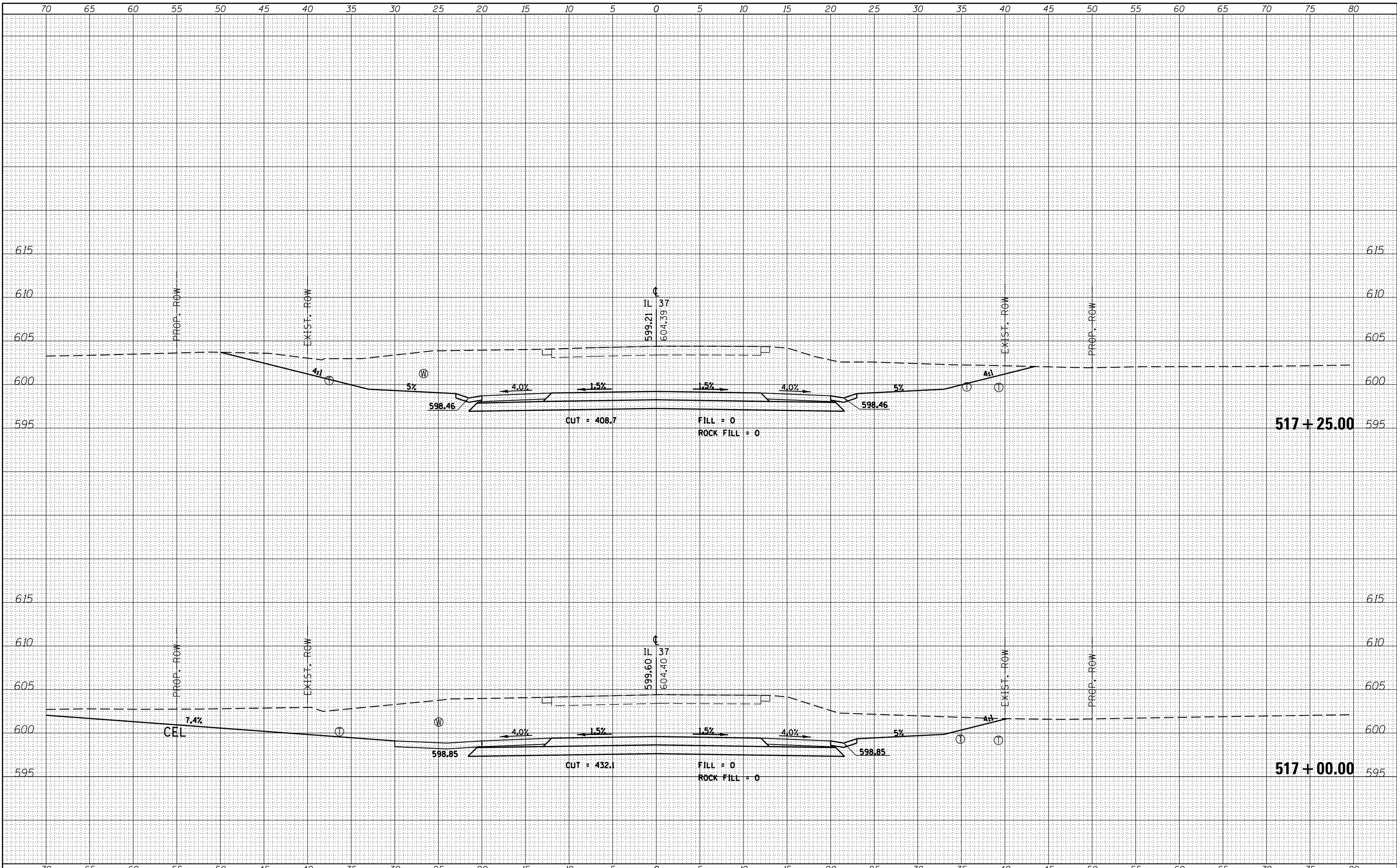
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 37

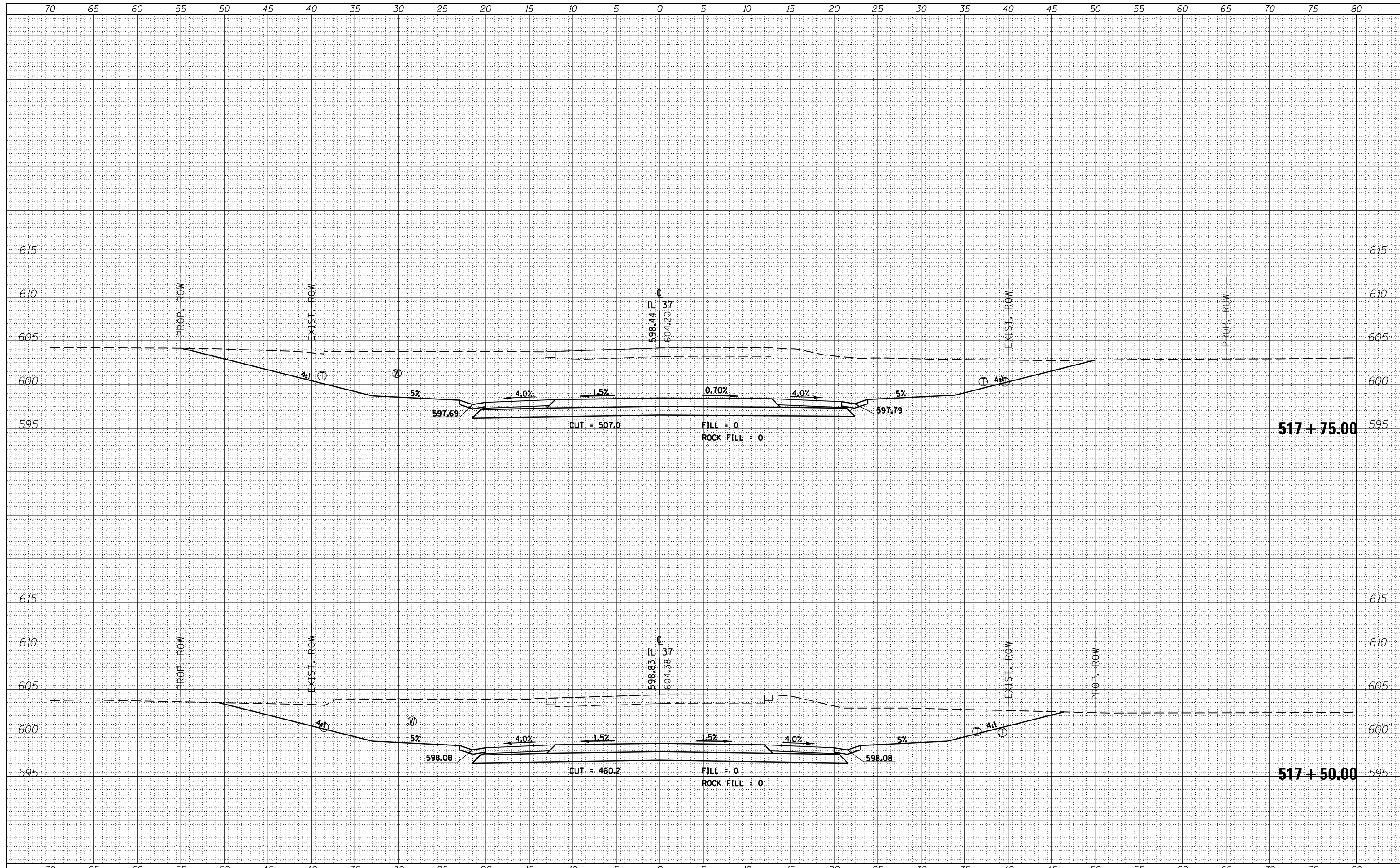
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	64
CONTRACT NO. 78320				

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	DATE
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

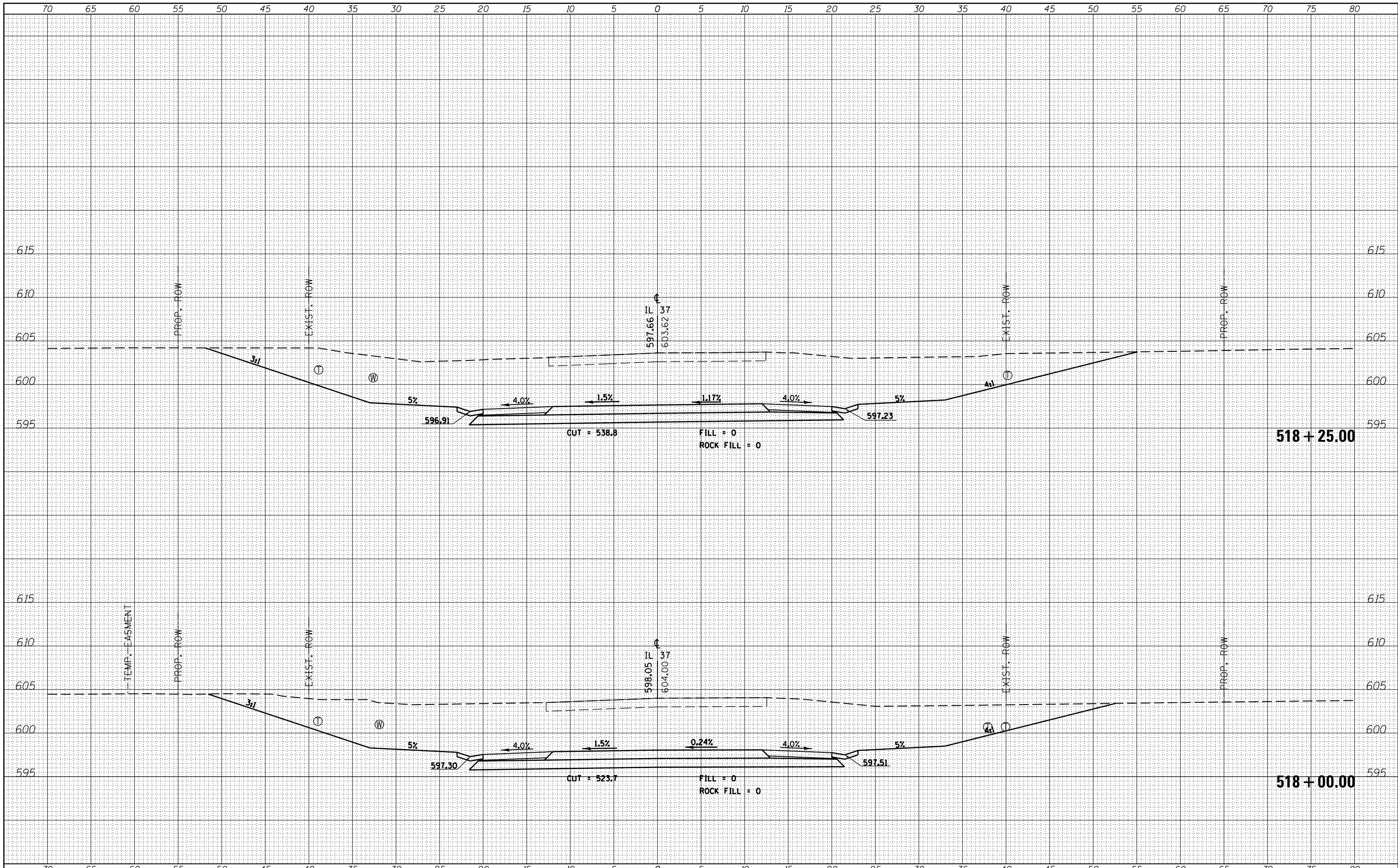
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CROSS SECTIONS - IL 37

F.A.P. RTE. 726	SECTION D9 SAFETY 2013-1	COUNTY WILLIAMSON	TOTAL SHEETS 112	SHEET NO. 65
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	

BY	DATE
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

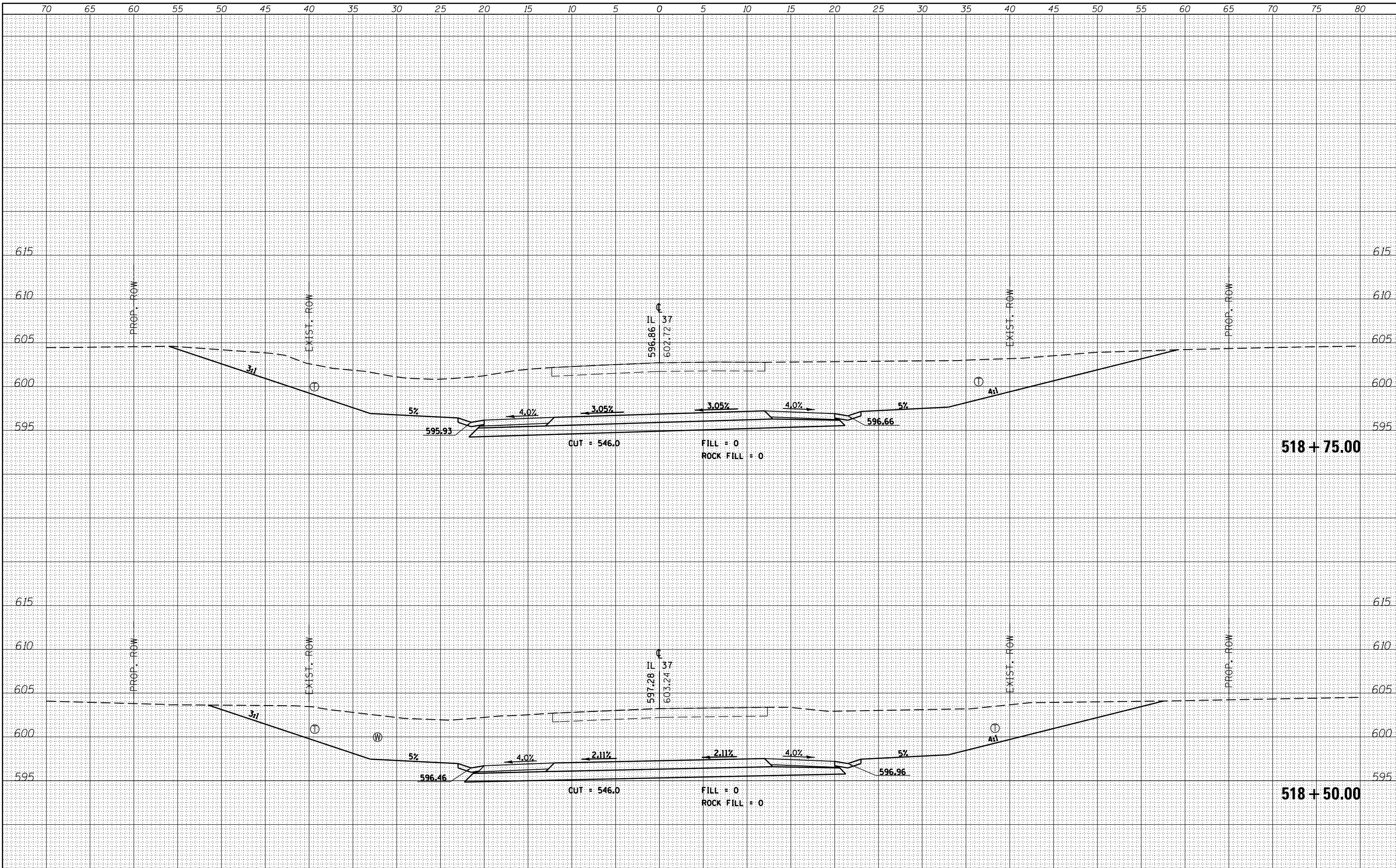
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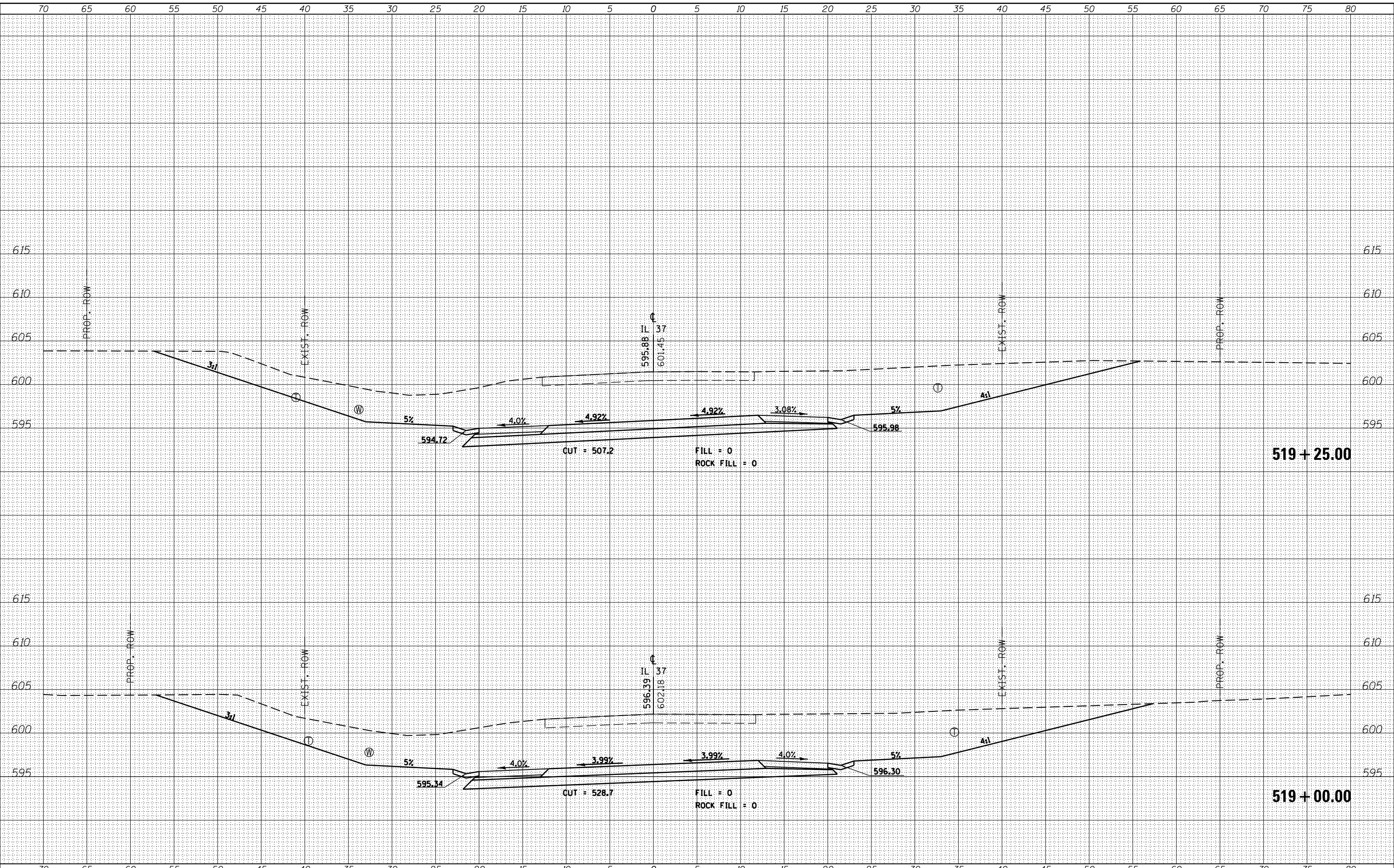
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726	D9 SAFETY 2013-1	WILLIAMSON	112	66
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
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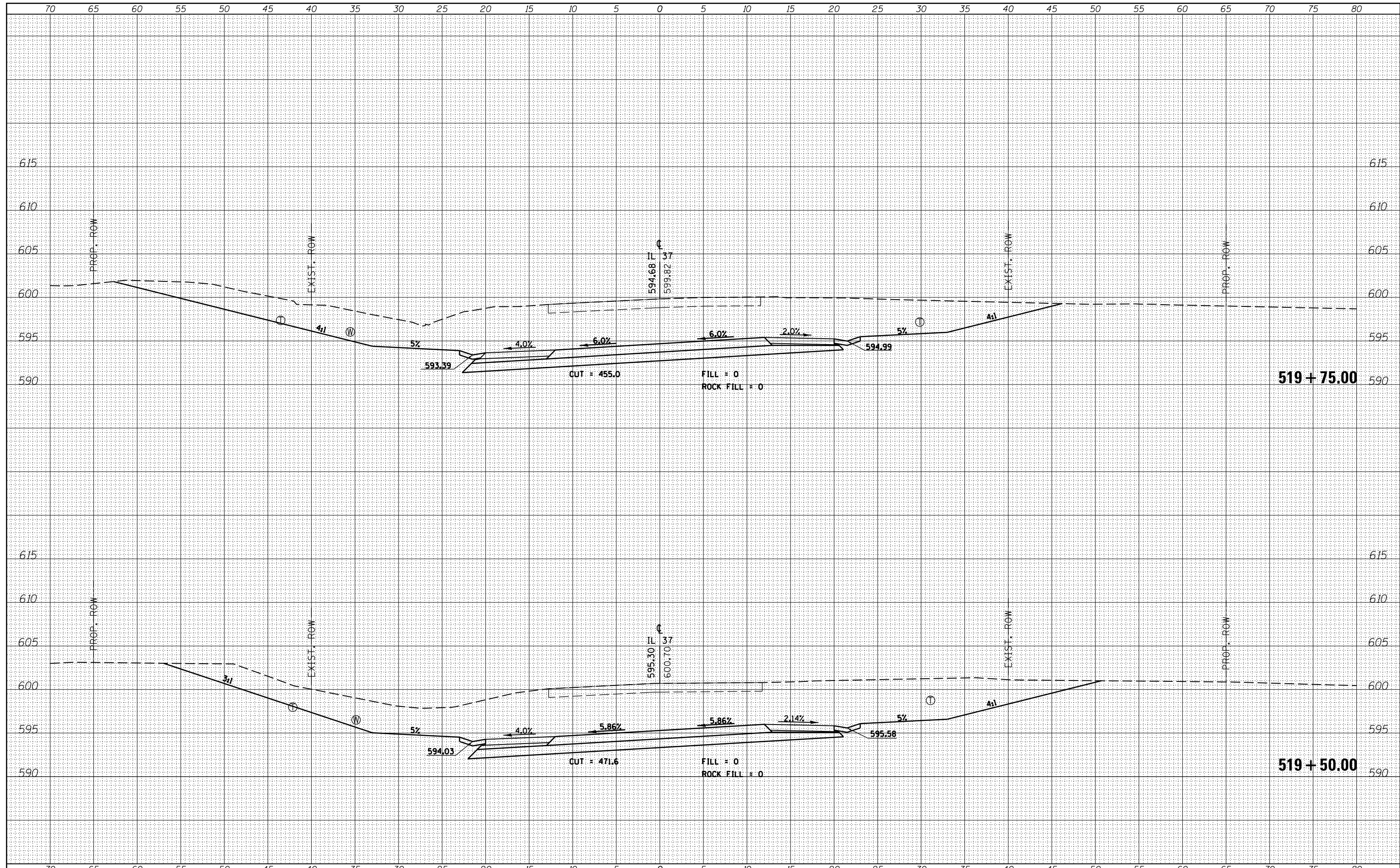
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 519+00.00	TO	STA. 519+25.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	68
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	

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NOTE BOOK	
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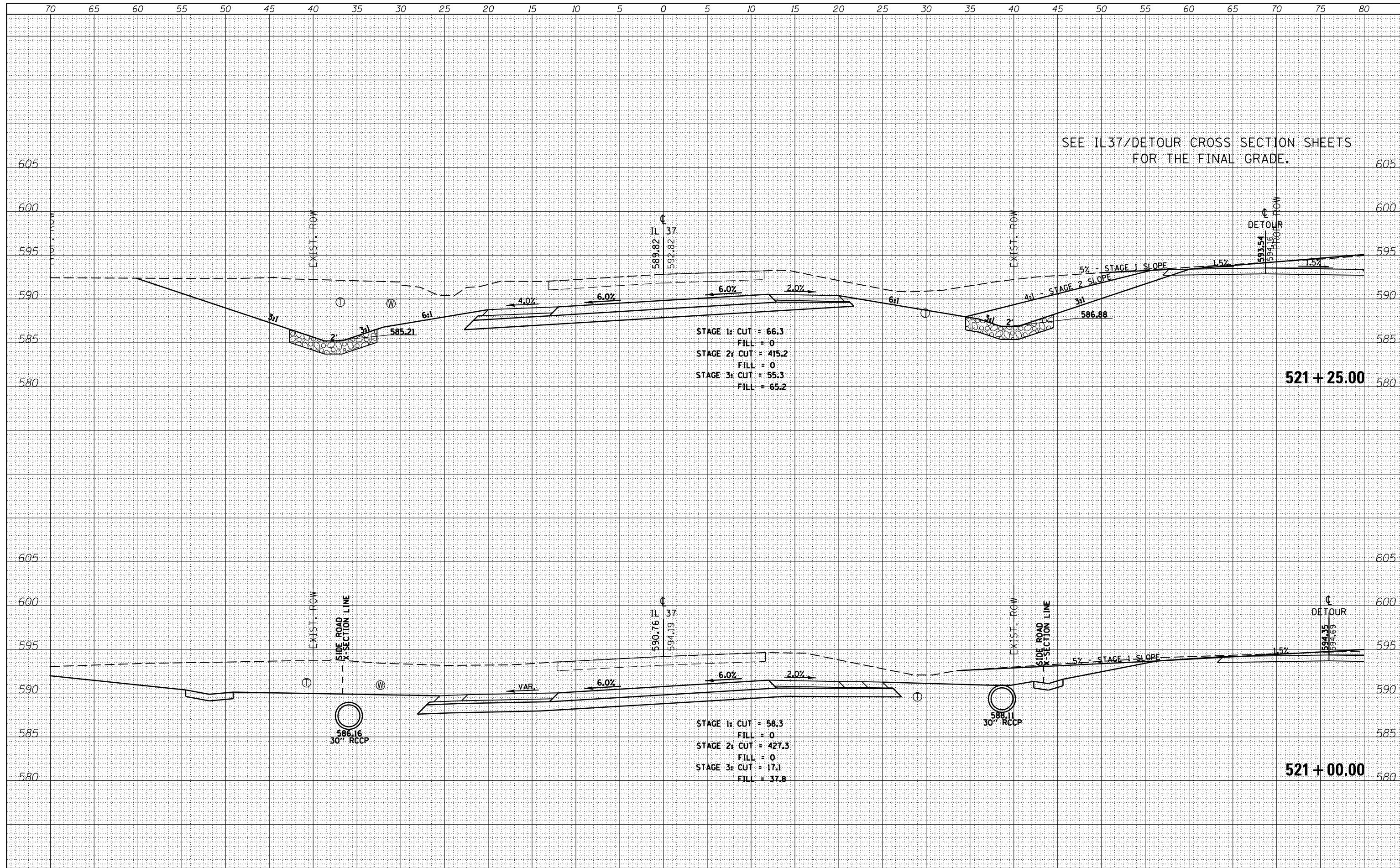
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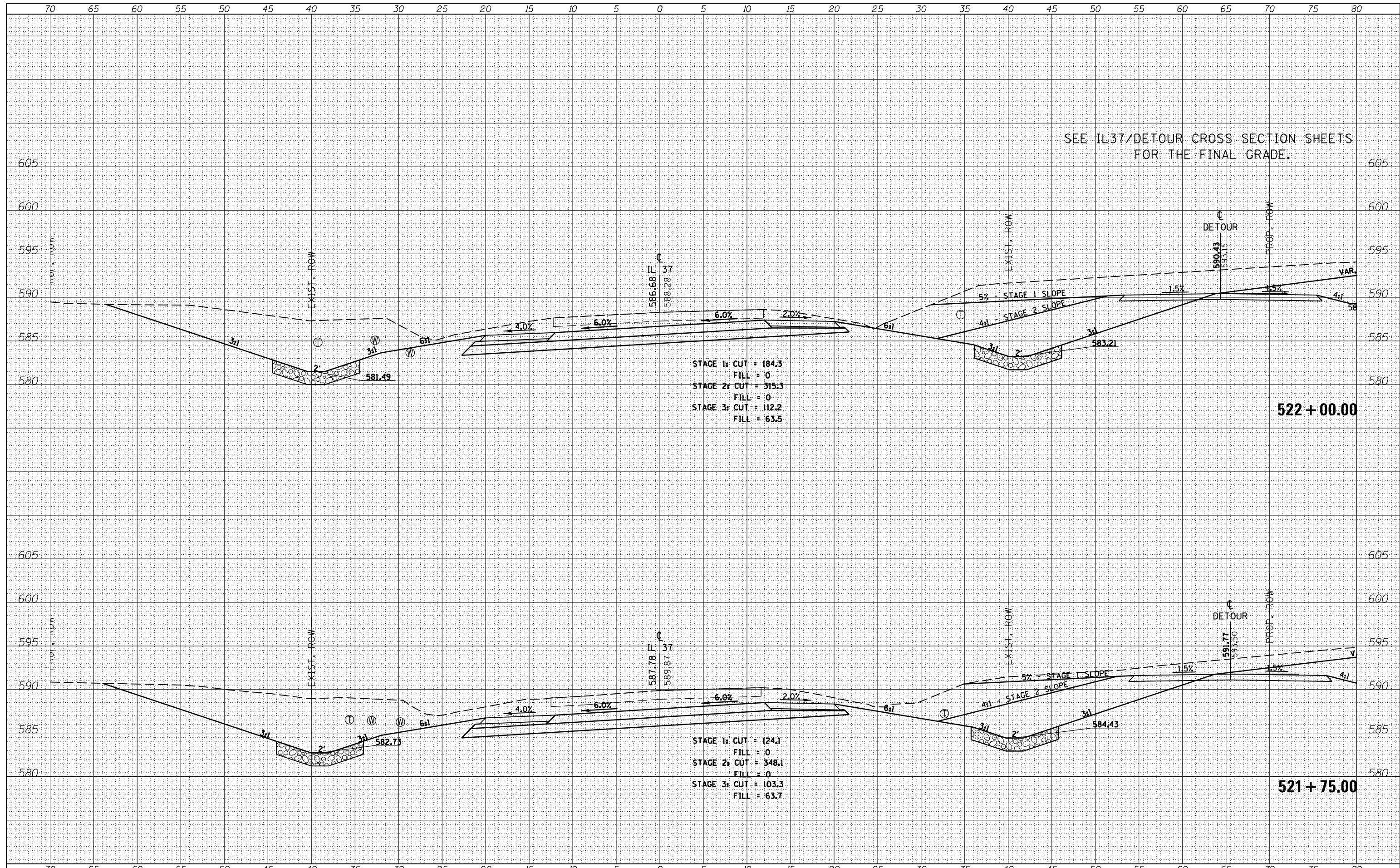
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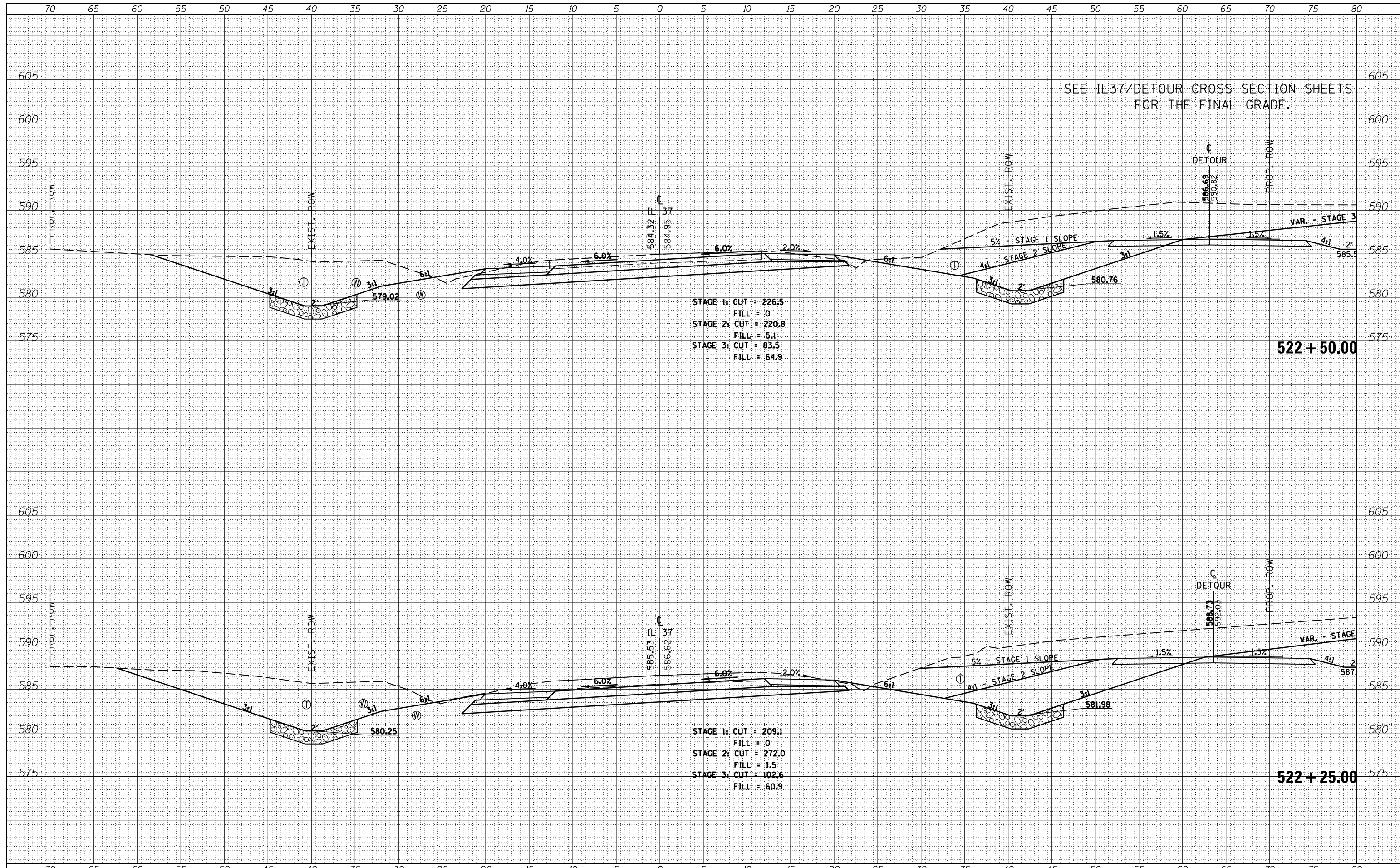
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NOTE BOOK	
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidth\kranz_jc\d0308025\78320-sht-j-sections.dgn		DRAWN -	REVISED -			726	D9 SAFETY 2013-1	WILLIAMSON	112	74
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 78320				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

DATE	
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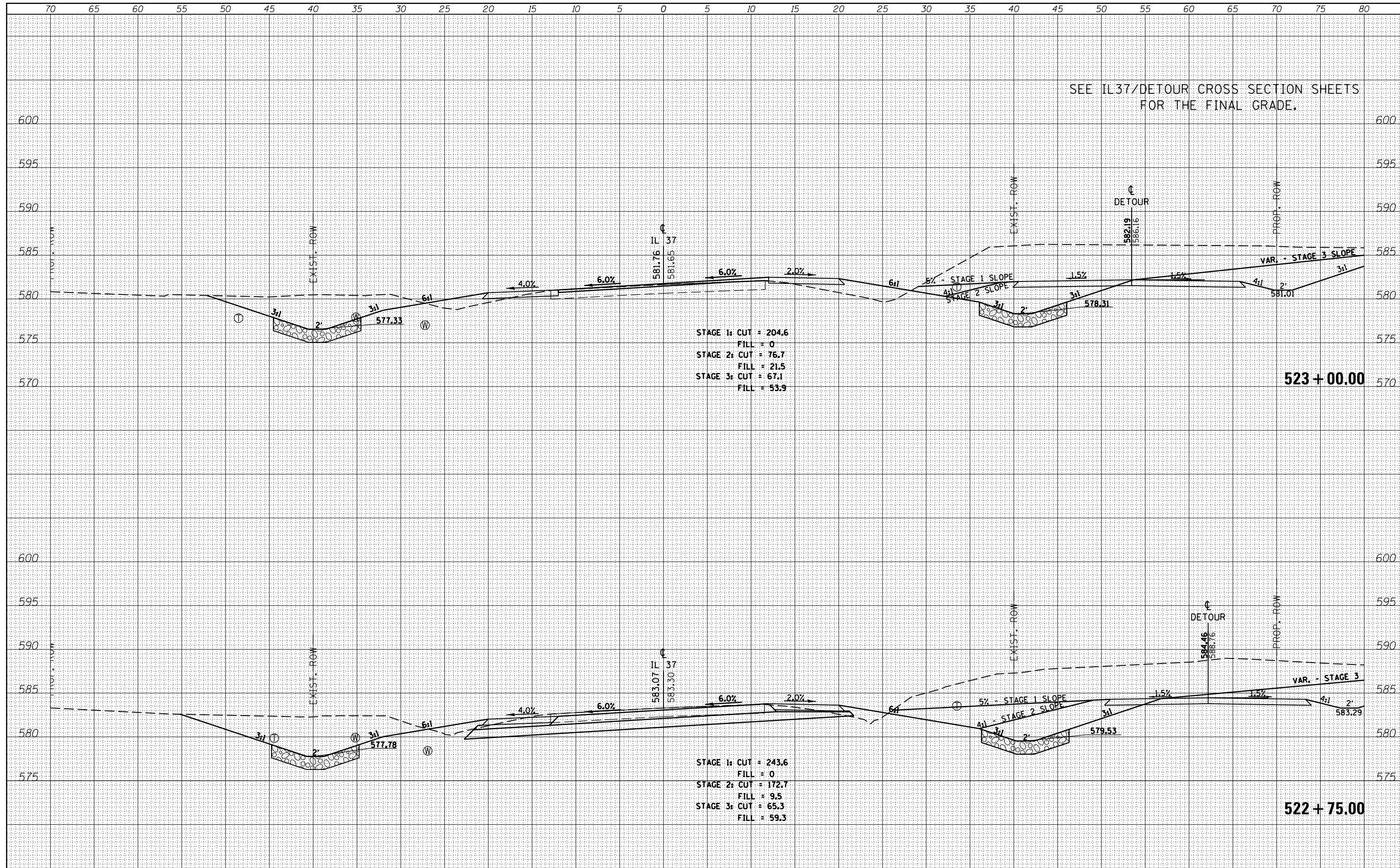
SEE IL37/DETOUR CROSS SECTION SHEETS FOR THE FINAL GRADE.

STAGE 1: CUT = 226.5
 FILL = 0
 STAGE 2: CUT = 220.8
 FILL = 5.1
 STAGE 3: CUT = 83.5
 FILL = 64.9

STAGE 1: CUT = 209.1
 FILL = 0
 STAGE 2: CUT = 272.0
 FILL = 1.5
 STAGE 3: CUT = 102.6
 FILL = 60.9

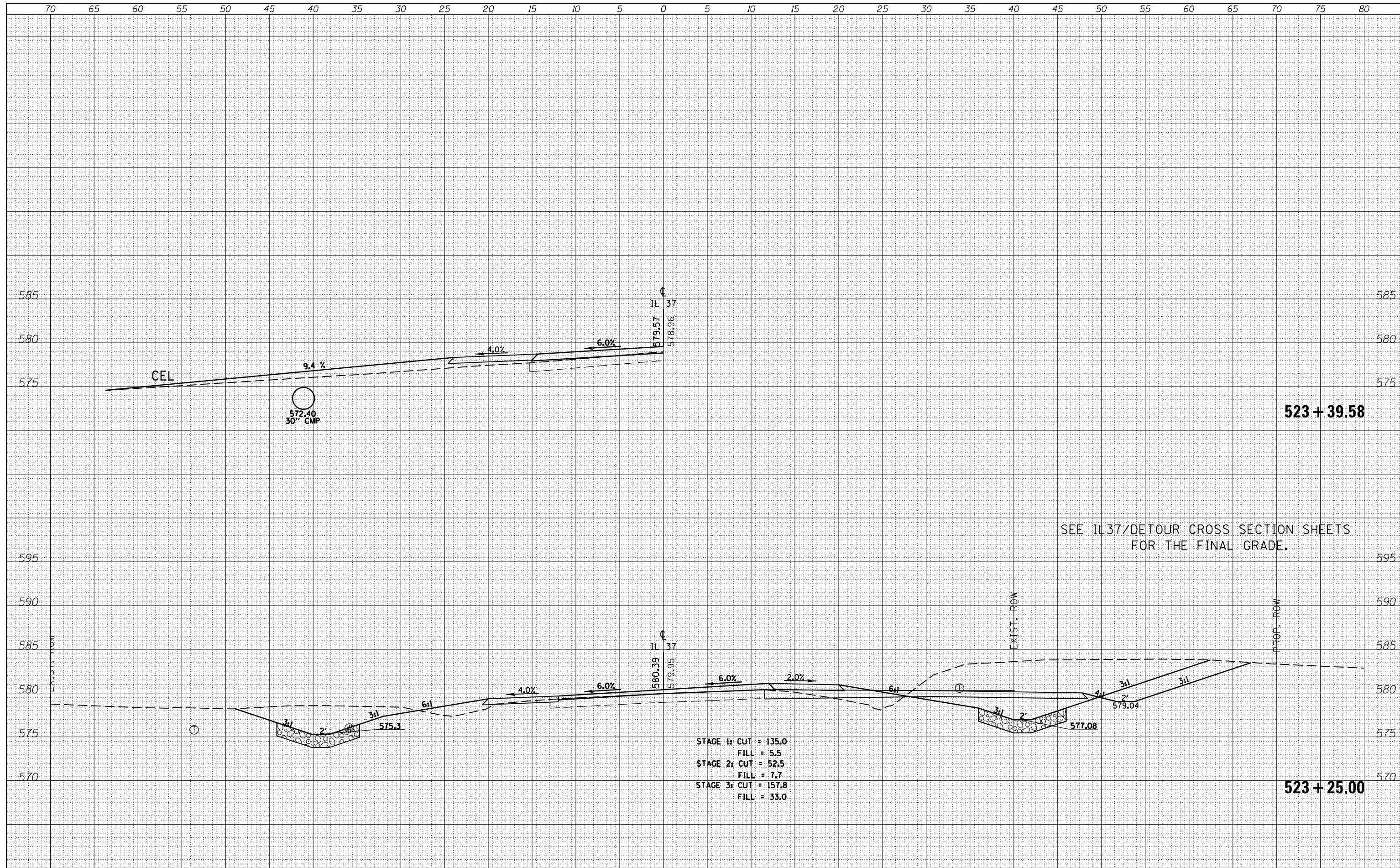
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NOTE BOOK	
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NOTE BOOK	
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DATE	
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NOTE BOOK	
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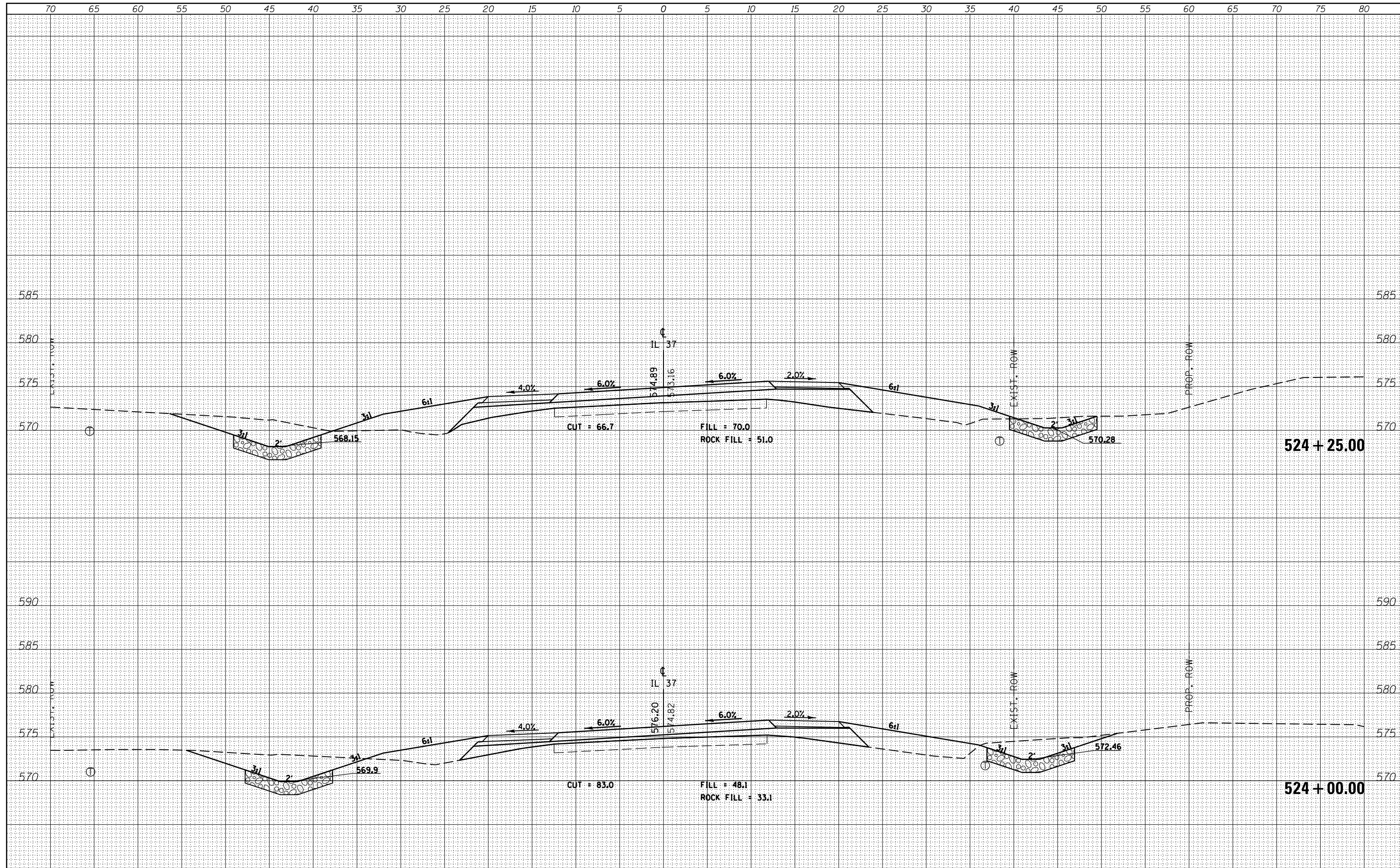


SEE IL37/DETOUR CROSS SECTION SHEETS FOR THE FINAL GRADE.

FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\kranz_jc\d0308025\78320-shtj-sections.dgn		DRAWN -	REVISED -		726	D9 SAFETY 2013-1	WILLIAMSON	112	77		
\$MODELNAME\$		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 523+25.00 TO STA. 523+39.58		CONTRACT NO. 78320		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -								

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

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



FILE NAME =
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 DATE - 10/18/2013

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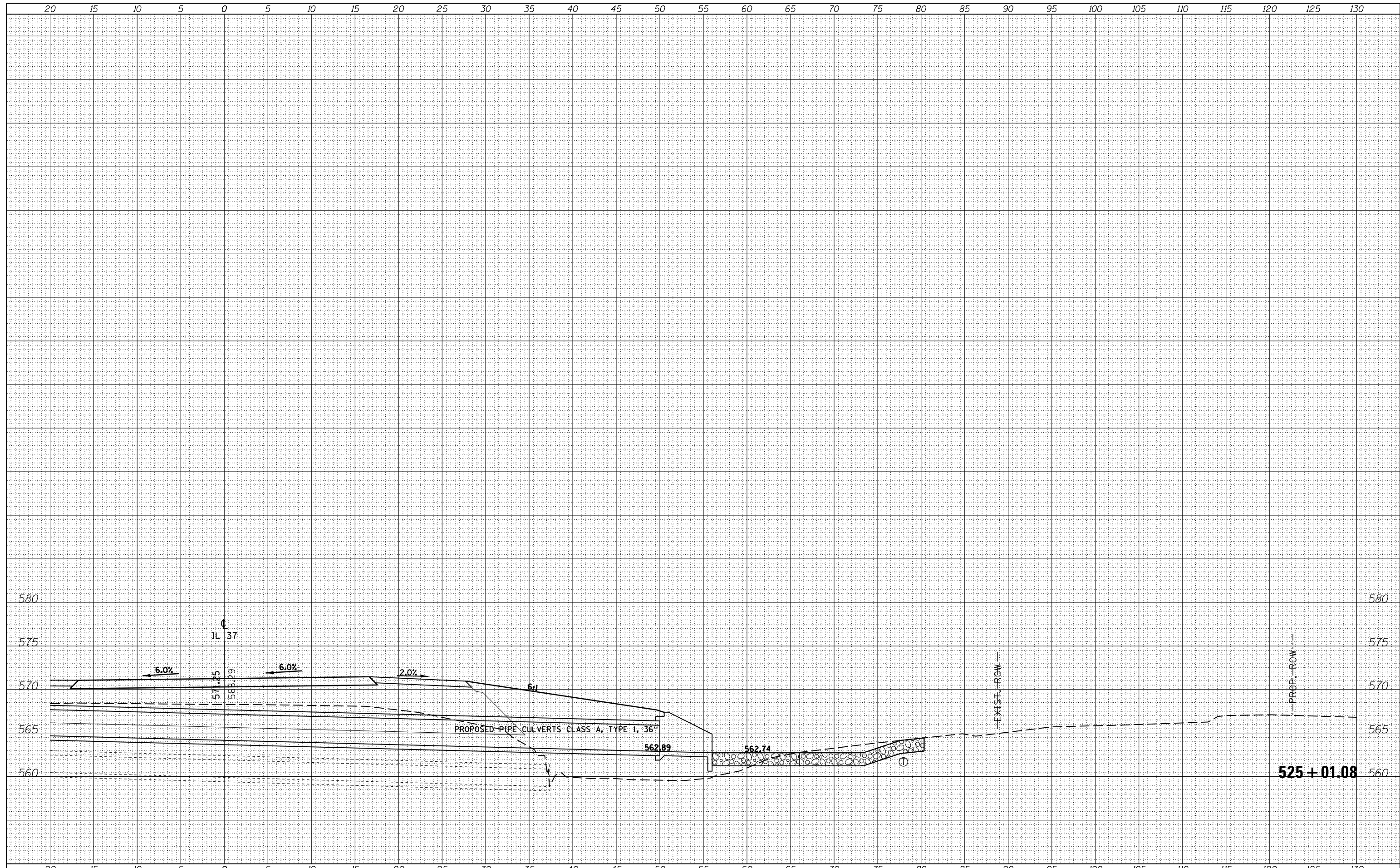
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 37
 SCALE: SHEET OF SHEETS STA. 524+00.00 TO STA. 524+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	79
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	

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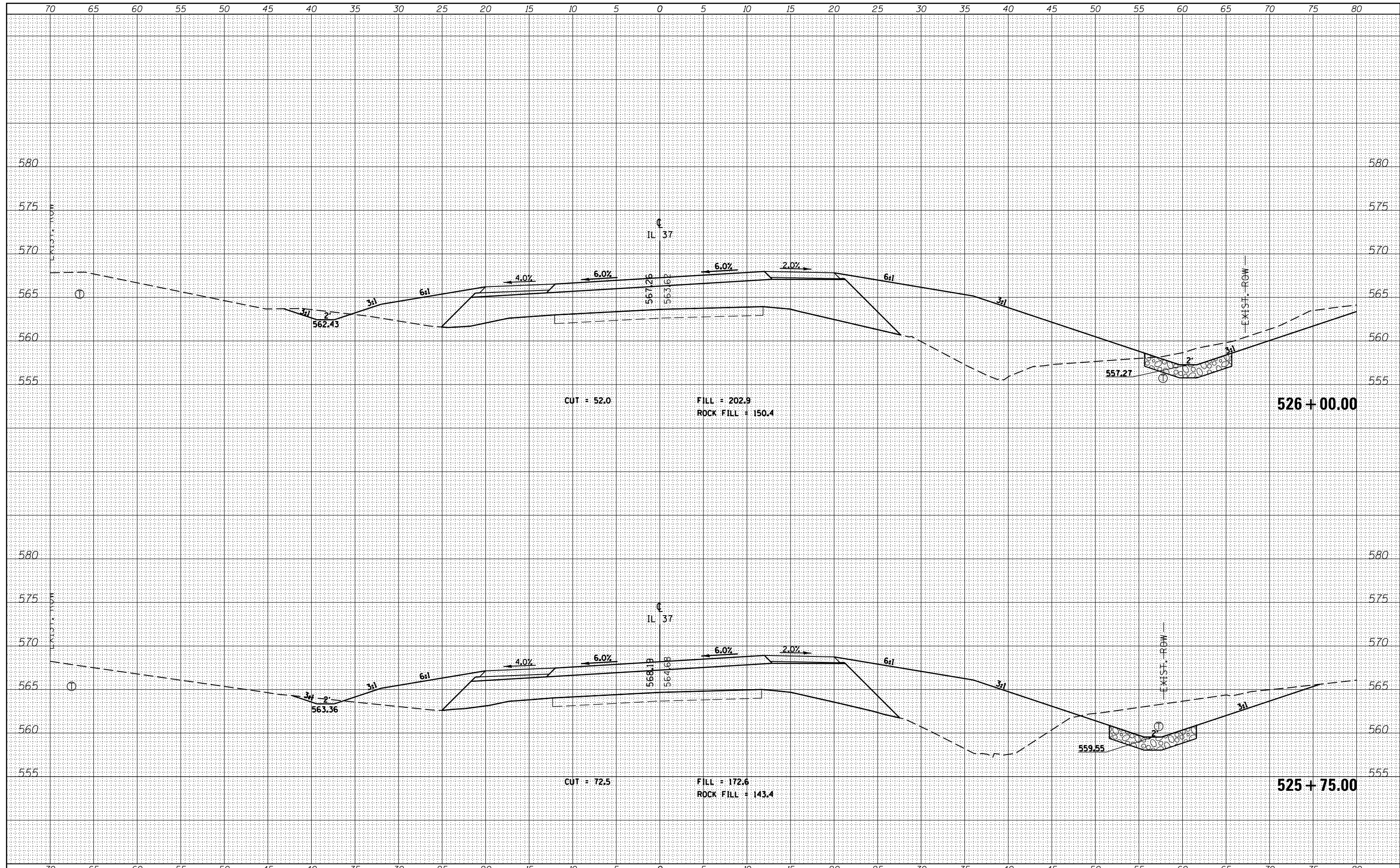
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NOTE BOOK	
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FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\kranz_jc\d0308025\78320-sht-j-sections.dgn		DRAWN -	REVISED -			726	D9 SAFETY 2013-1	WILLIAMSON	112	83
\$MODELNAME\$		CHECKED -	REVISED -			CONTRACT NO. 78320				
		DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA. 525+01.08

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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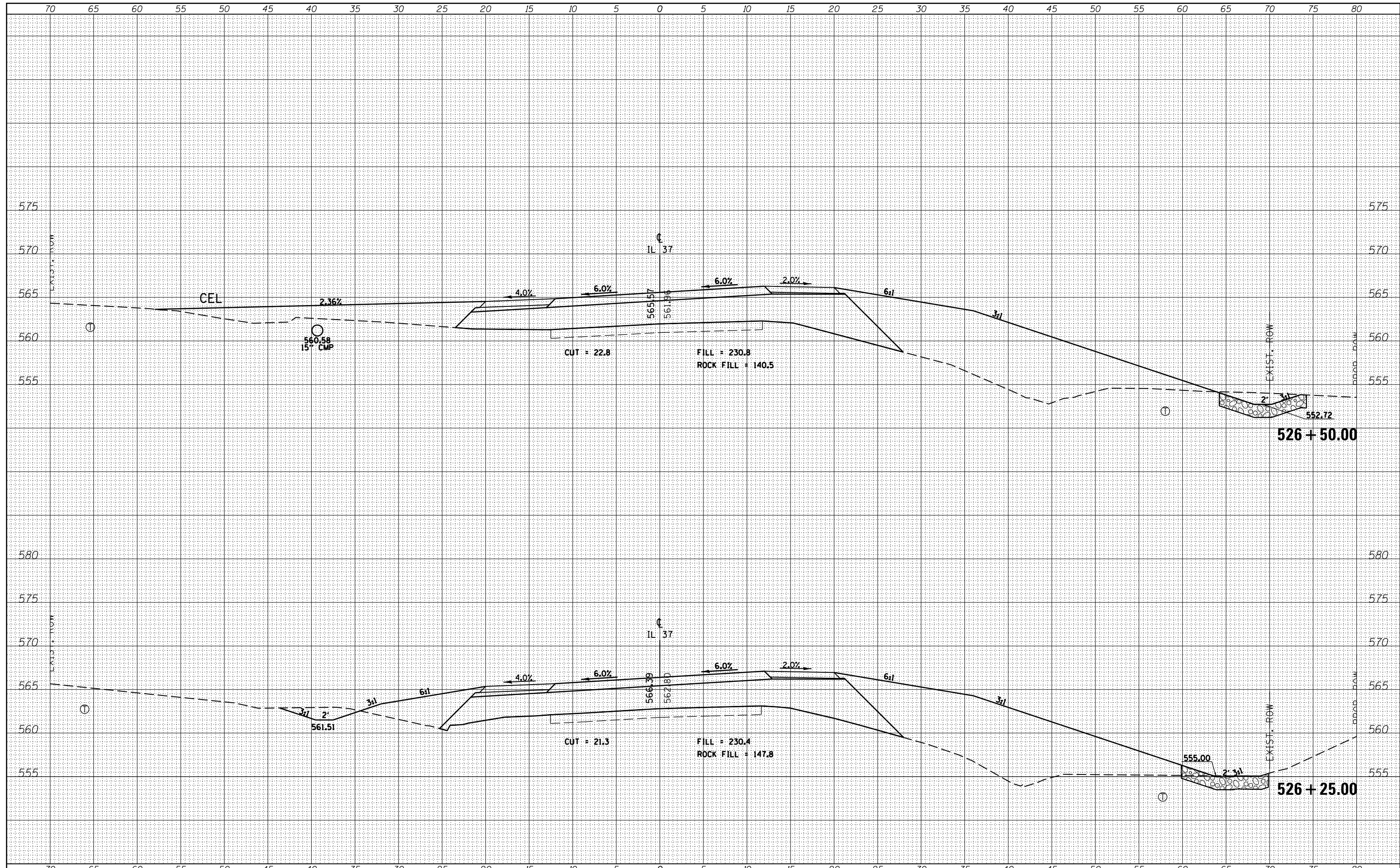
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NOTE BOOK	PLOTTED
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es:\pw_work\pwidot\kranz_jc\d0308025\78320-sht-j-sections.dgn		DRAWN -	REVISIED -				726	D9 SAFETY 2013-1	WILLIAMSON	112	85
\$MODELNAME\$		CHECKED -	REVISIED -		SCALE: SHEET OF SHEETS STA. 525+75.00 TO STA. 526+00.00		CONTRACT NO. 78320		ILLINOIS FED. AID PROJECT		
		DATE -	REVISIED -								

BY	DATE
FINISHED SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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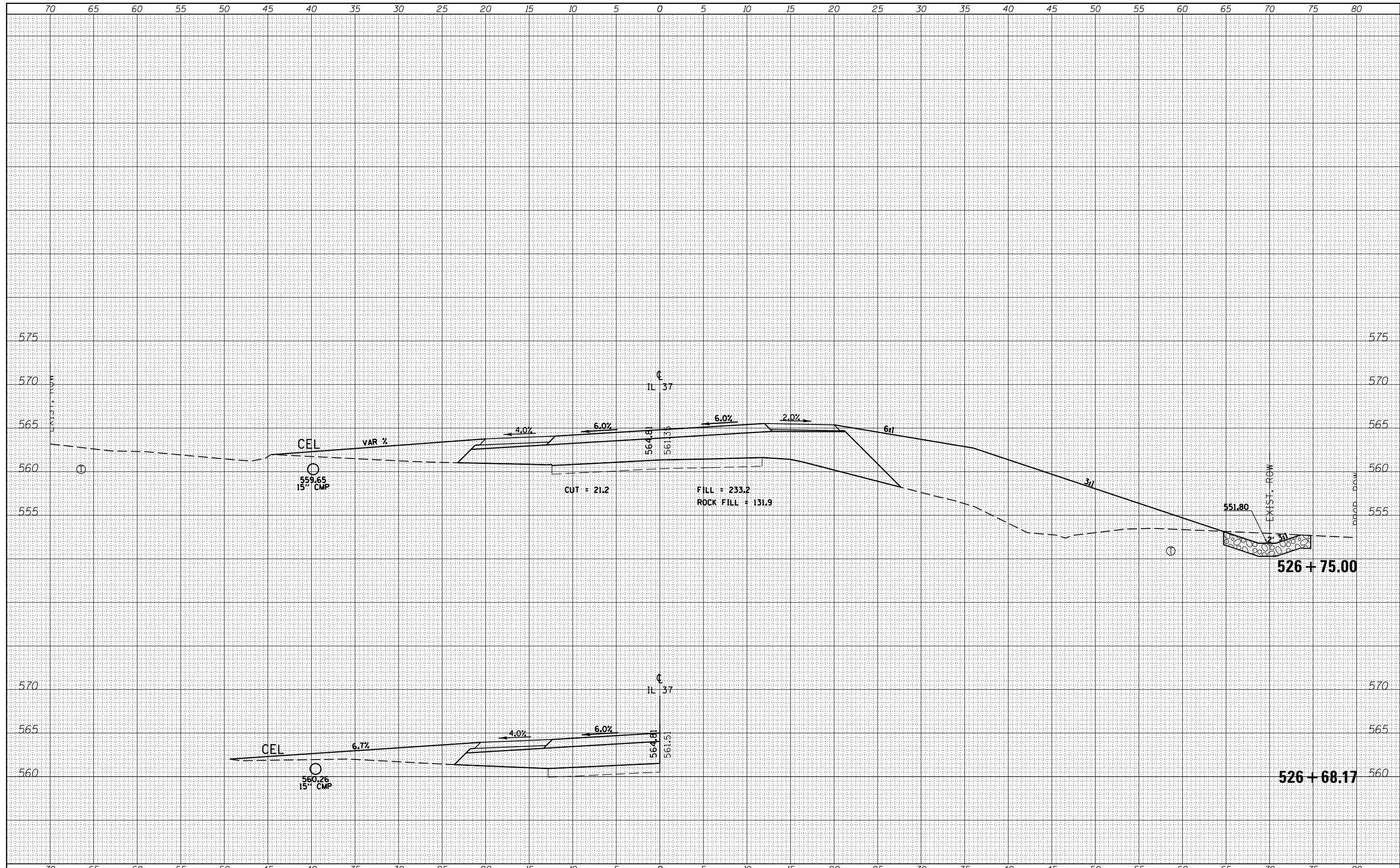
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\kranz_jc\d0308025\78320-sht-j-sections.dgn		DRAWN -	REVISIED -		726	D9 SAFETY 2013-1	WILLIAMSON	112	86			
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		DATE -	REVISIED -		ILLINOIS FED. AID PROJECT							

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FINAL SURVEY NO.	
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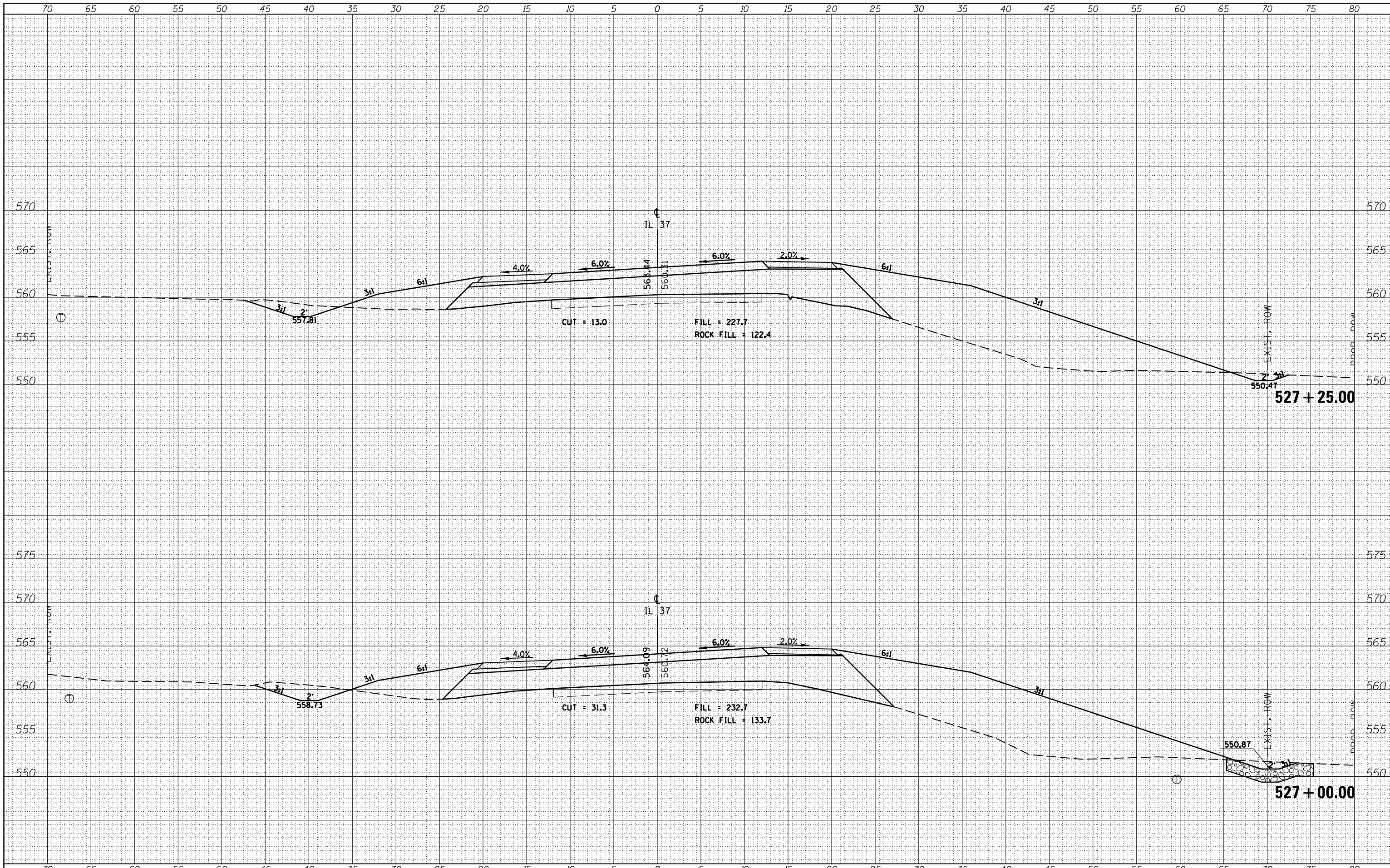
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\kranz_jc\d0308025\78320-sht-j-sections.dgn		DRAWN -	REVISIED -			726	D9 SAFETY 2013-1	WILLIAMSON	112	87
\$MODELNAME\$		CHECKED -	REVISIED -			CONTRACT NO. 78320				
		DATE -	REVISIED -			ILLINOIS FED. AID PROJECT				
SCALE:						SHEET	OF	SHEETS	STA. 526+68.17	TO STA. 526+75.00

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



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 PLOT DATE = 10/18/2013

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 37

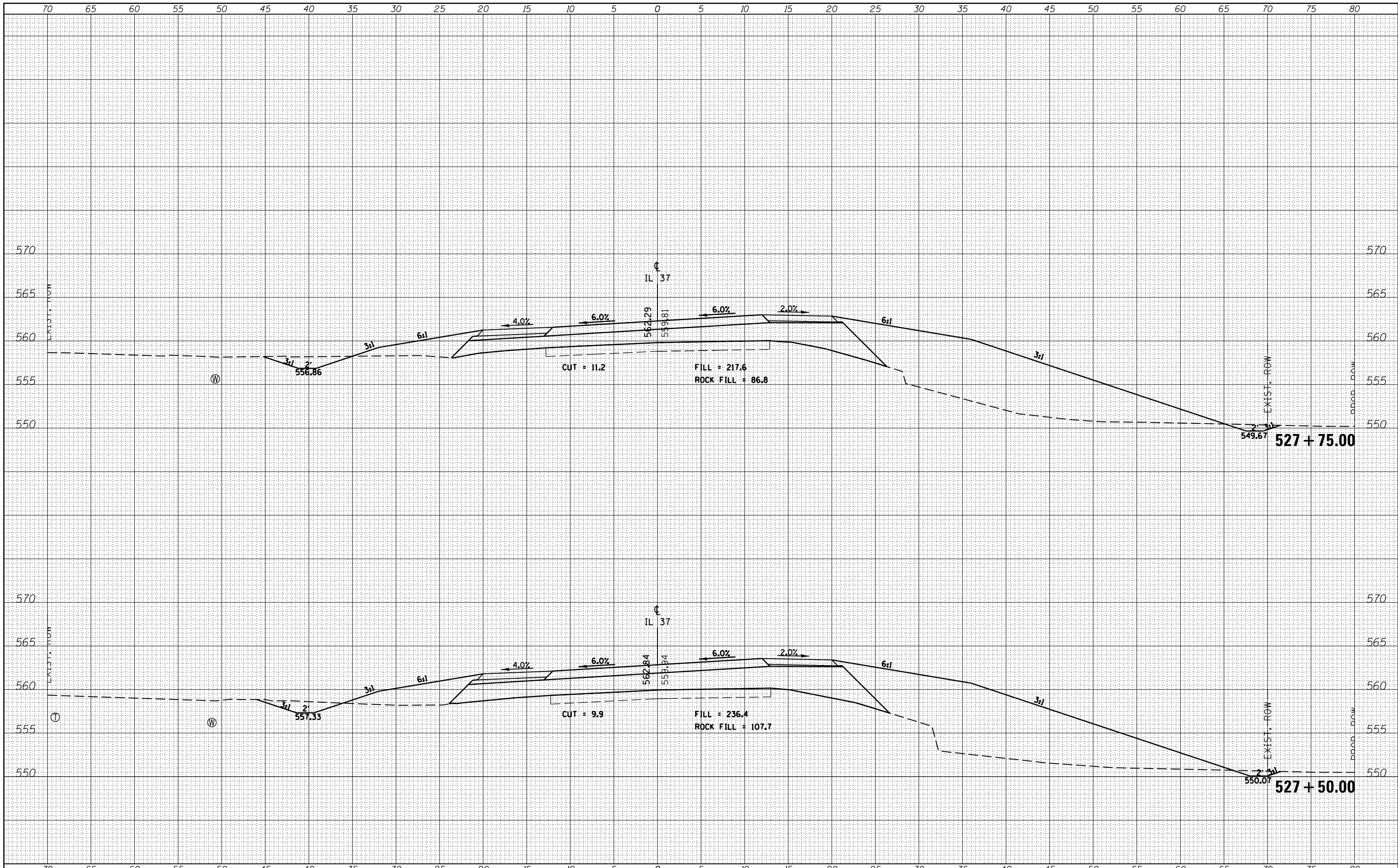
SCALE: SHEET OF SHEETS STA. 527+00.00 TO STA. 527+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	88
			CONTRACT NO. 78320	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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ORIGINAL SURVEY	
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NOTE BOOK	
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USER NAME = susers
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 DATE - 10/18/2013

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

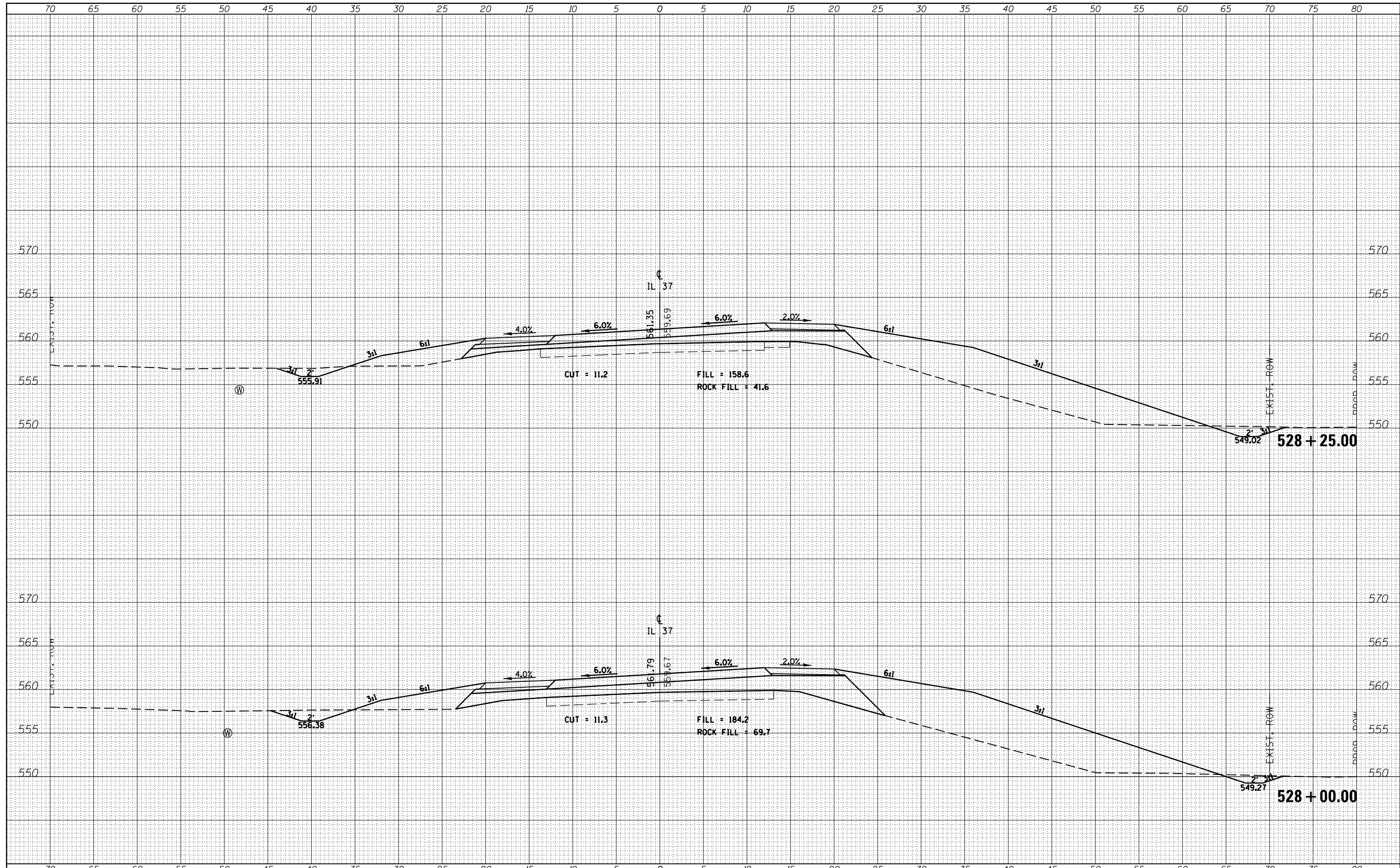
CROSS SECTIONS - IL 37

SCALE: SHEET OF SHEETS STA. 527+50.00 TO STA. 527+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	89
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	

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

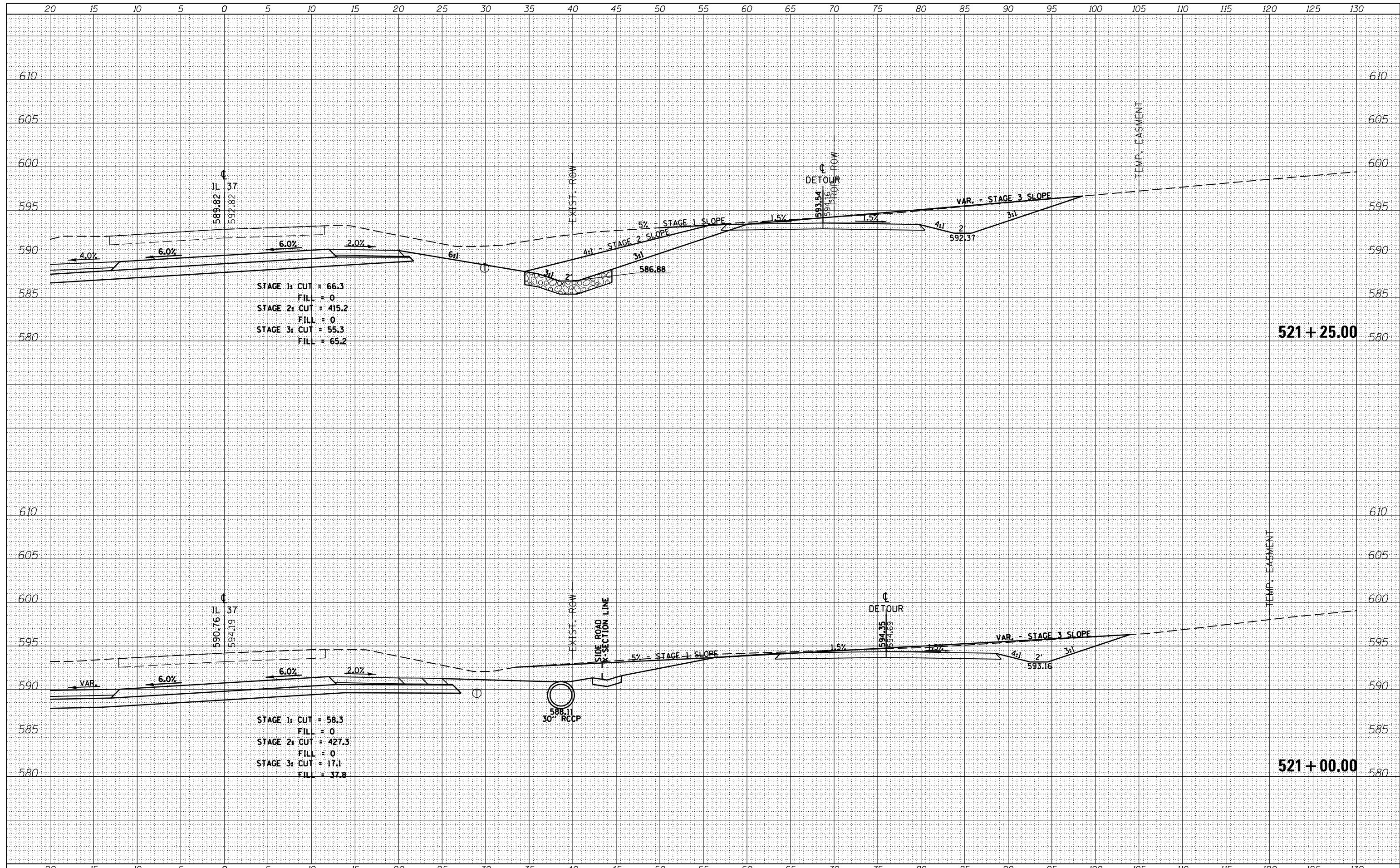
DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78320								
\$MODELNAME\$	DATE -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 528+00.00	TO STA. 528+25.00	ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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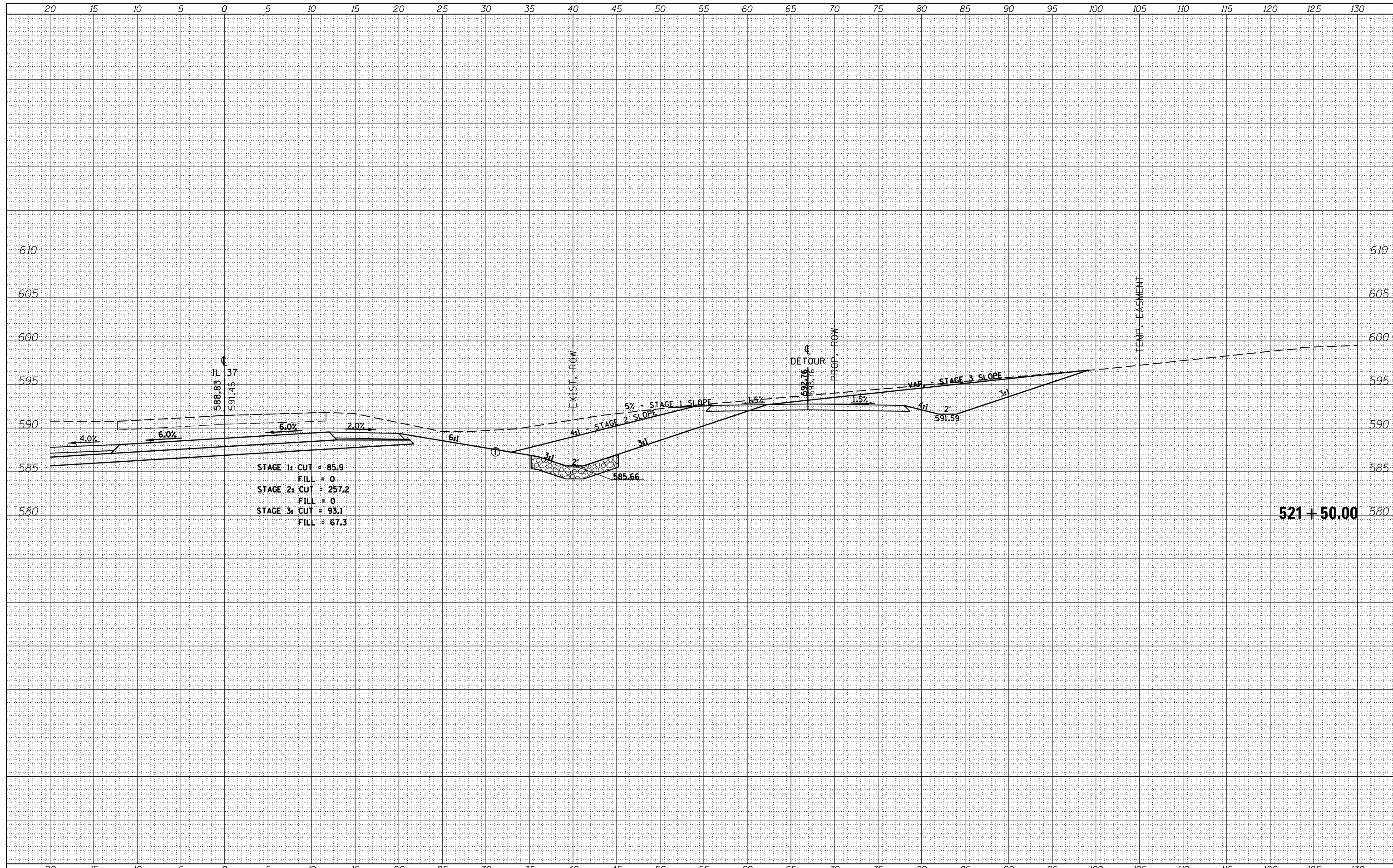
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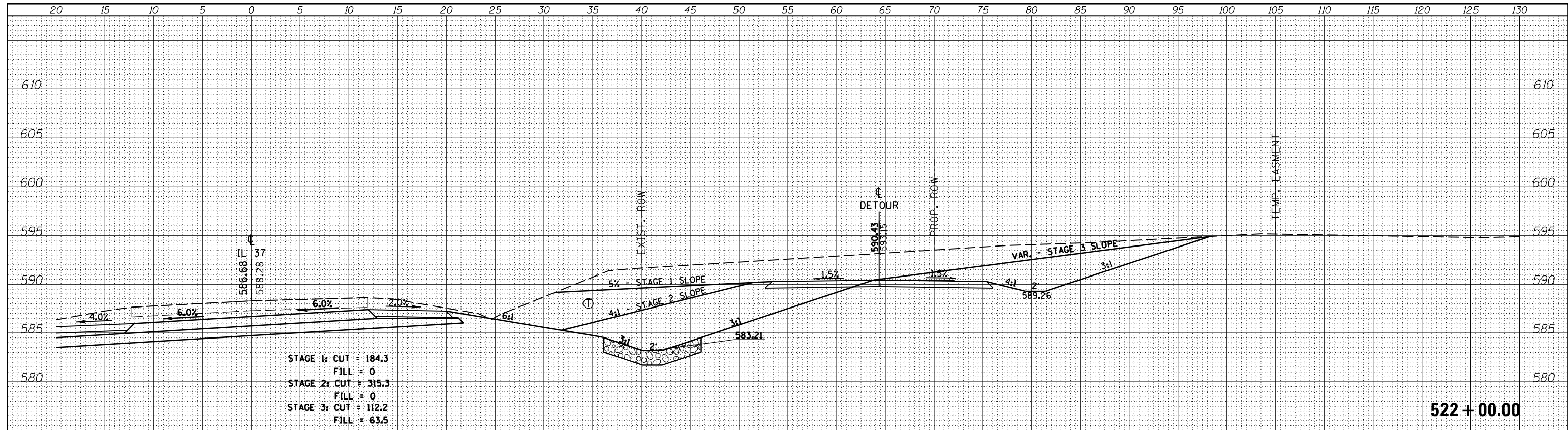
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\$MODELNAME\$	CHECKED -	REVISED -	CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -	SCALE:			SHEET OF SHEETS	STA. 521+00.00 TO STA. 521+25.00			

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED

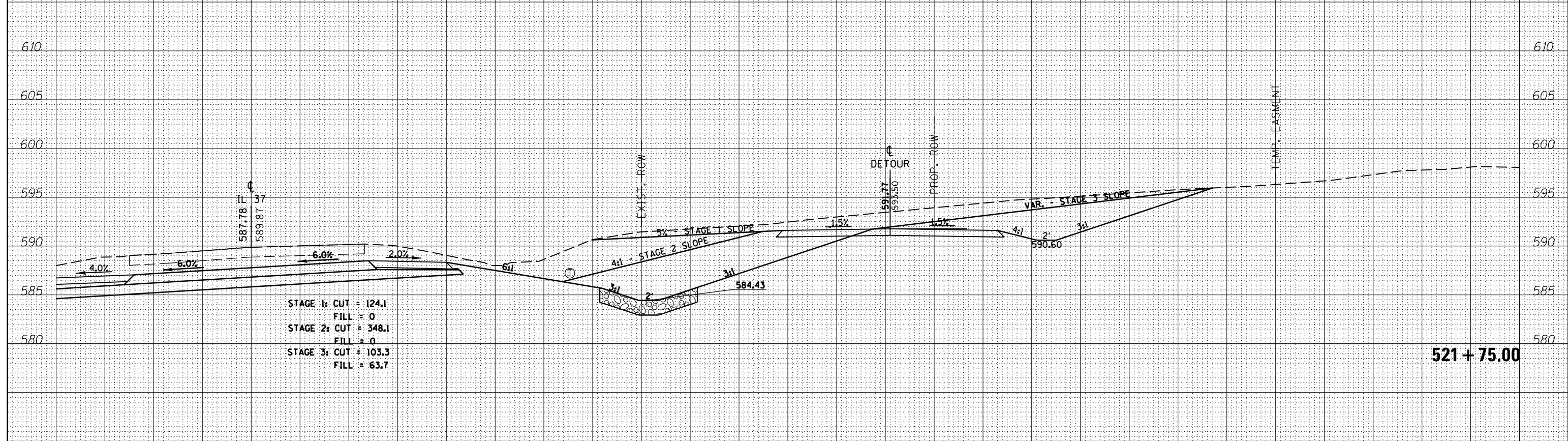
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NOTE BOOK	AREAS CHECKED



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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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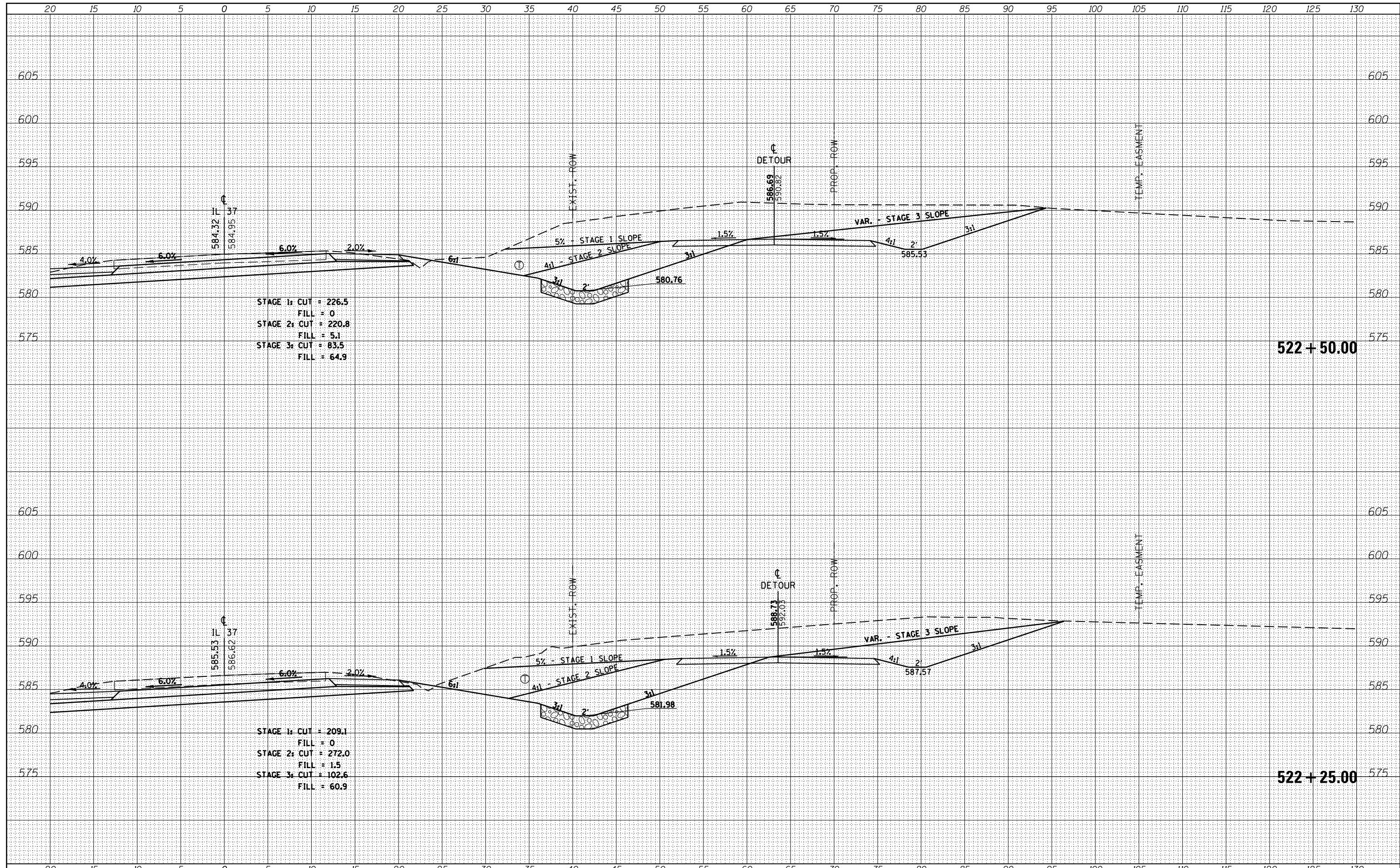
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37/DETOUR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\kranz_jc\d0308025\78320-shtj-sections.dgn		DRAWN -	REVISED -		726	D9 SAFETY 2013-1	WILLIAMSON	112	96			
\$MODELNAME\$		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 521+75.00 TO STA. 522+00.00			CONTRACT NO. 78320				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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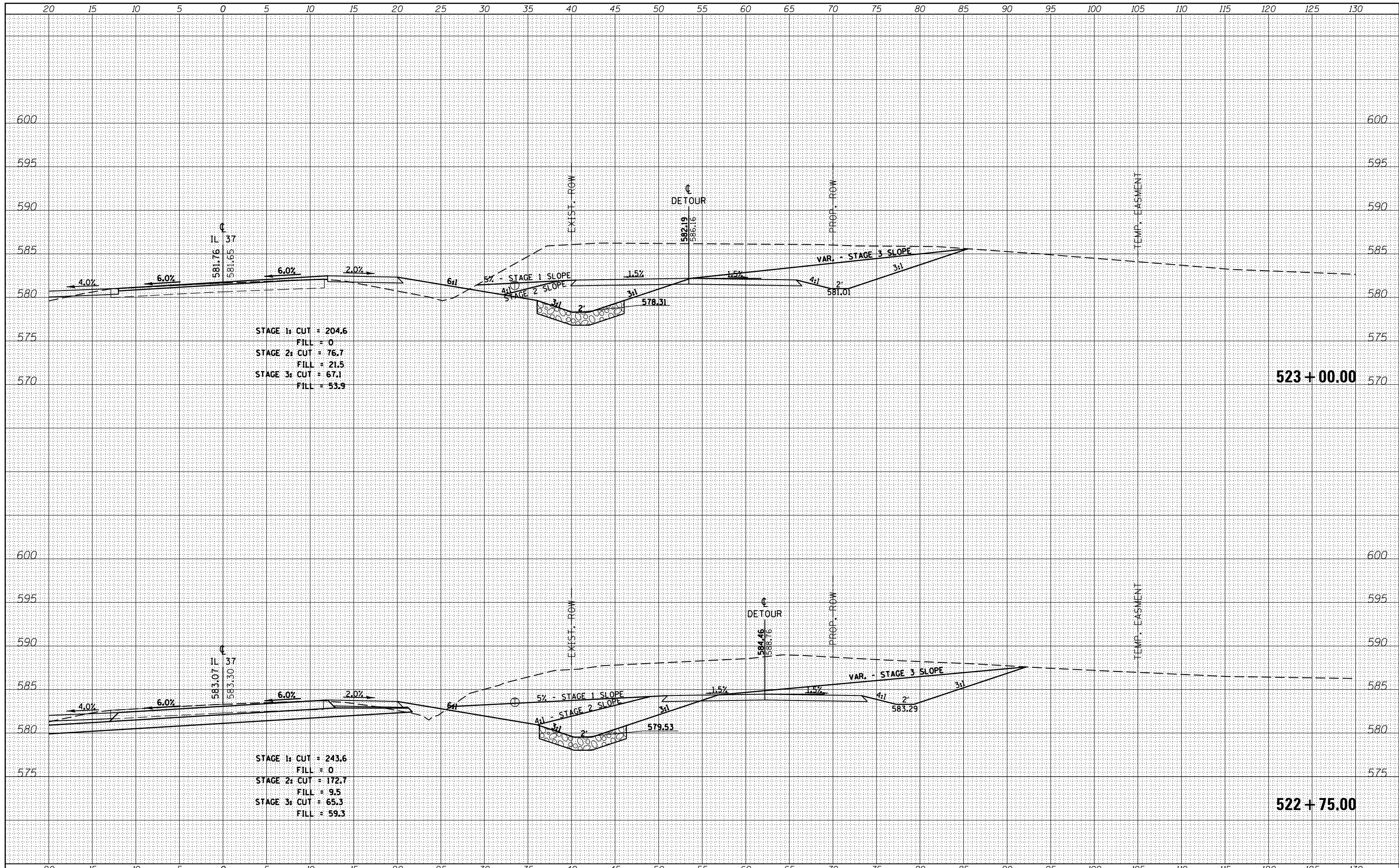
STAGE 1: CUT = 226.5
 FILL = 0
 STAGE 2: CUT = 220.8
 FILL = 5.1
 STAGE 3: CUT = 83.5
 FILL = 64.9

STAGE 1: CUT = 209.1
 FILL = 0
 STAGE 2: CUT = 272.0
 FILL = 1.5
 STAGE 3: CUT = 102.6
 FILL = 60.9

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 37/DETOUR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT				
\$MODELNAME\$		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 522+25.00	TO STA. 522+50.00		

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



STAGE 1: CUT = 204.6
 FILL = 0
 STAGE 2: CUT = 76.7
 FILL = 21.5
 STAGE 3: CUT = 67.1
 FILL = 53.9

523 + 00.00

STAGE 1: CUT = 243.6
 FILL = 0
 STAGE 2: CUT = 172.7
 FILL = 9.5
 STAGE 3: CUT = 65.3
 FILL = 59.3

522 + 75.00

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwork\pwork\kranzjc\d0308025\78320-shtj-sections.dgn		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

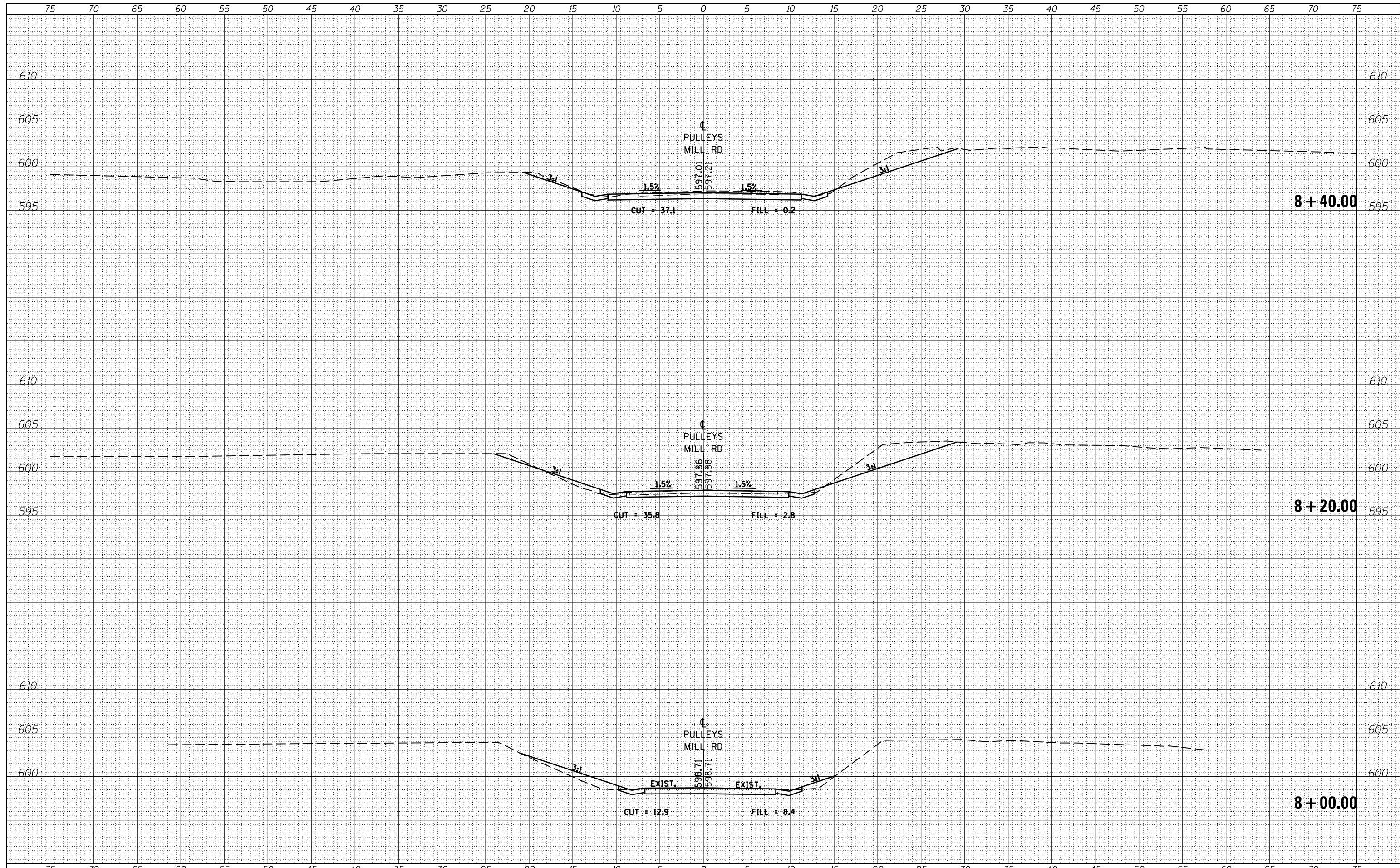
CROSS SECTIONS - IL 37/DETOUR

SCALE: SHEET OF SHEETS STA. 522+75.00 TO STA. 523+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	D9 SAFETY 2013-1	WILLIAMSON	112	98
CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT	

DATE	
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NOTE BOOK	
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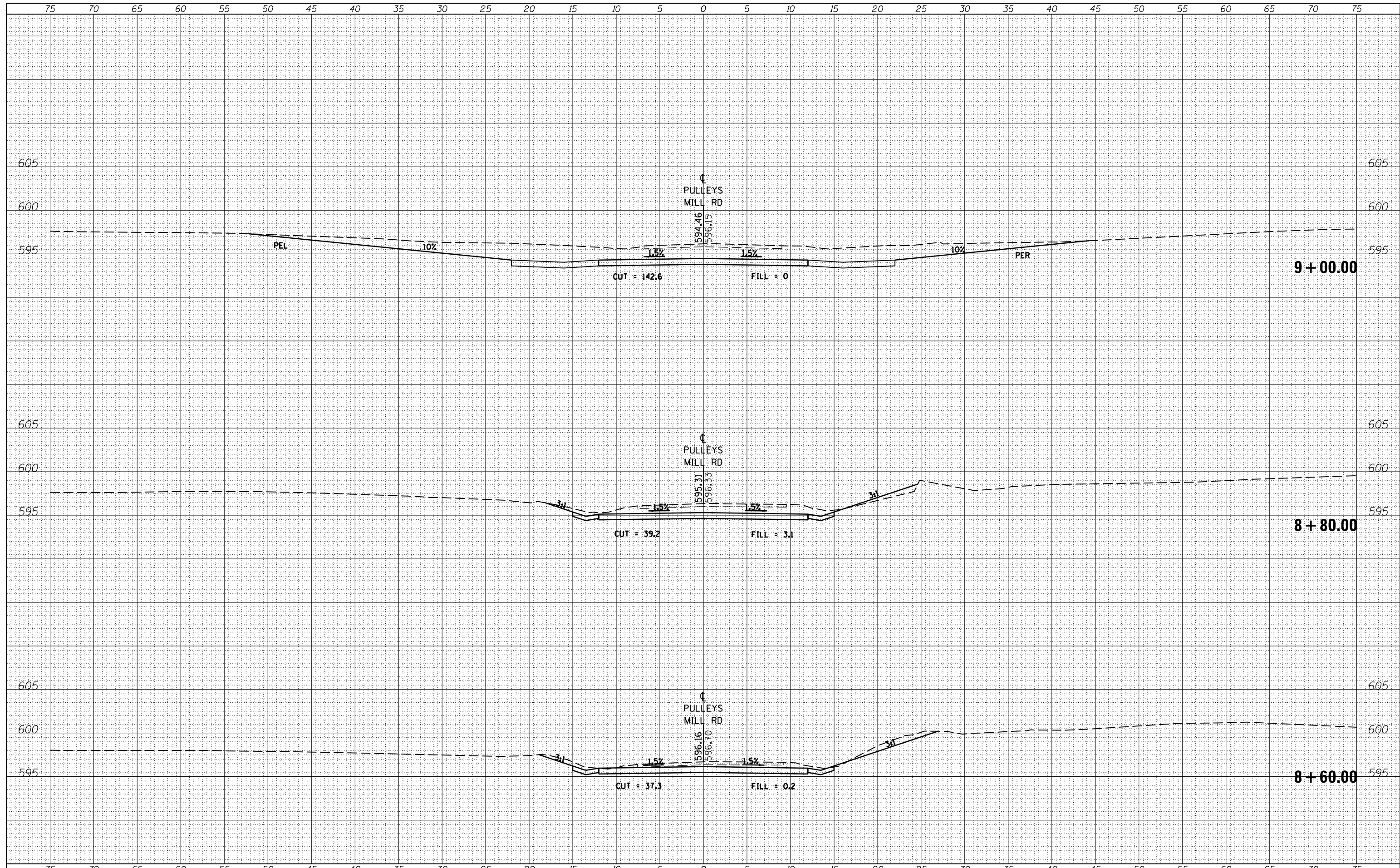
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NOTE BOOK	
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - PULLEYS MILL RD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 8+00.00 TO STA. 8+40.00			CONTRACT NO. 78320				
	PLOT DATE = 10/18/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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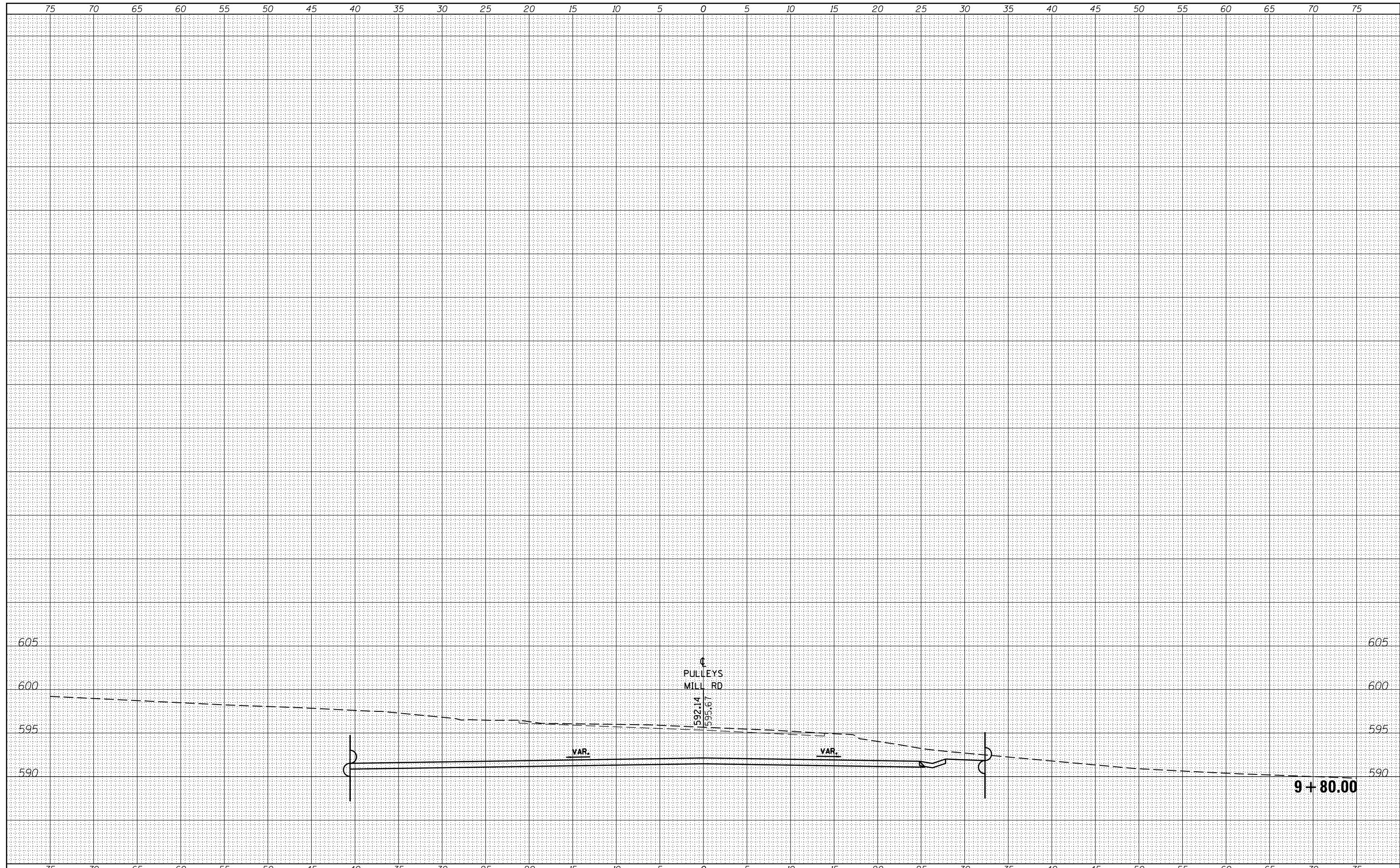
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FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - PULLEYS MILL RD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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\$MODELNAME\$	CHECKED -	REVISED -	CONTRACT NO. 78320			ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -	SCALE:			SHEET OF SHEETS	STA. 8+60.00 TO STA. 9+00.00			

DATE	
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NOTE BOOK	
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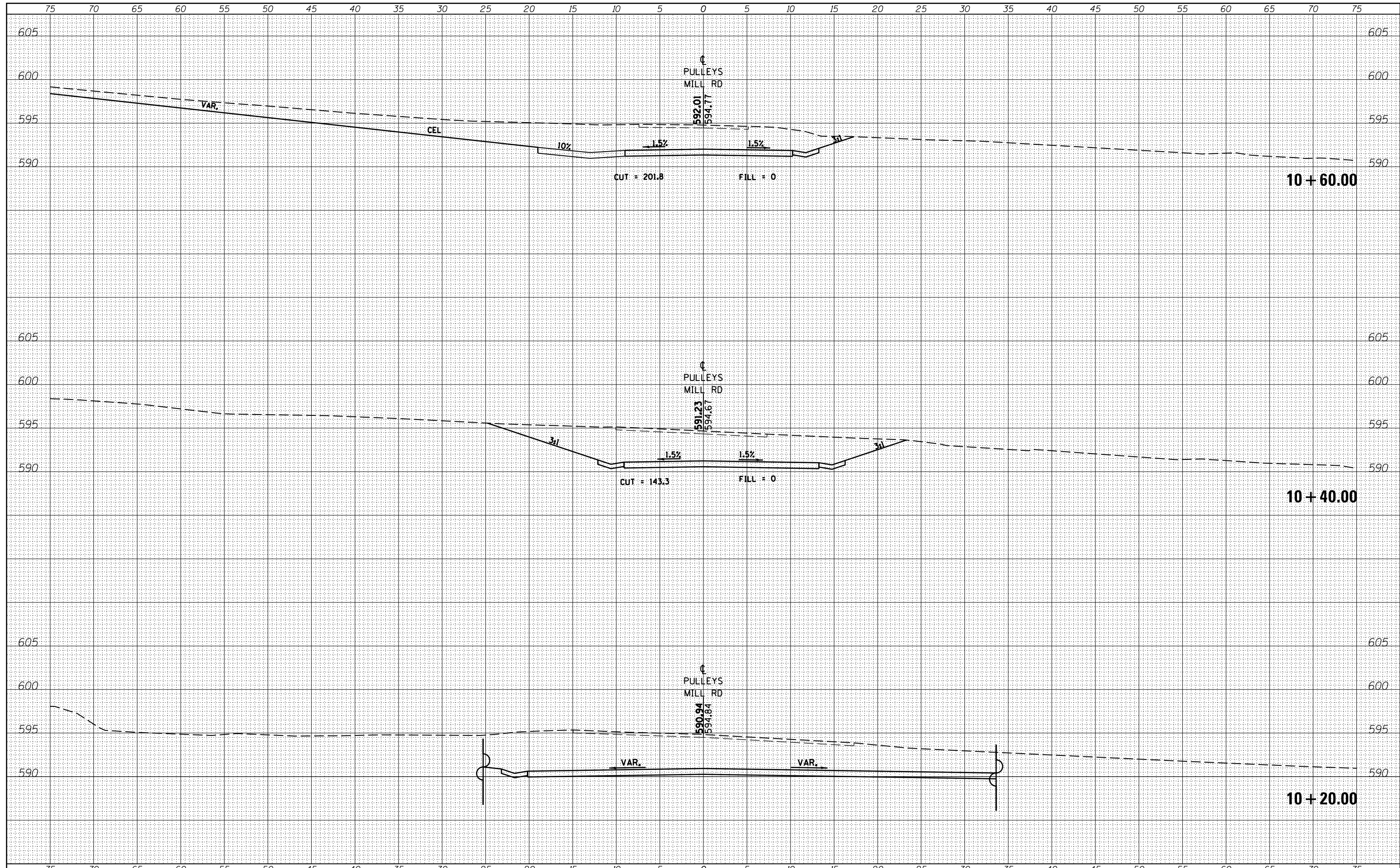
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NOTE BOOK	
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - PULLEYS MILL RD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\kranz_jc\d0308025\78320-shk-kssections.dgn	DRAWN -	REVISED -	726			D9 SAFETY 2013-1	WILLIAMSON	112	103	
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	PLOT DATE = 10/18/2013	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. 9+80.00 TO STA. 9+80.00	ILLINOIS FED. AID PROJECT	

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

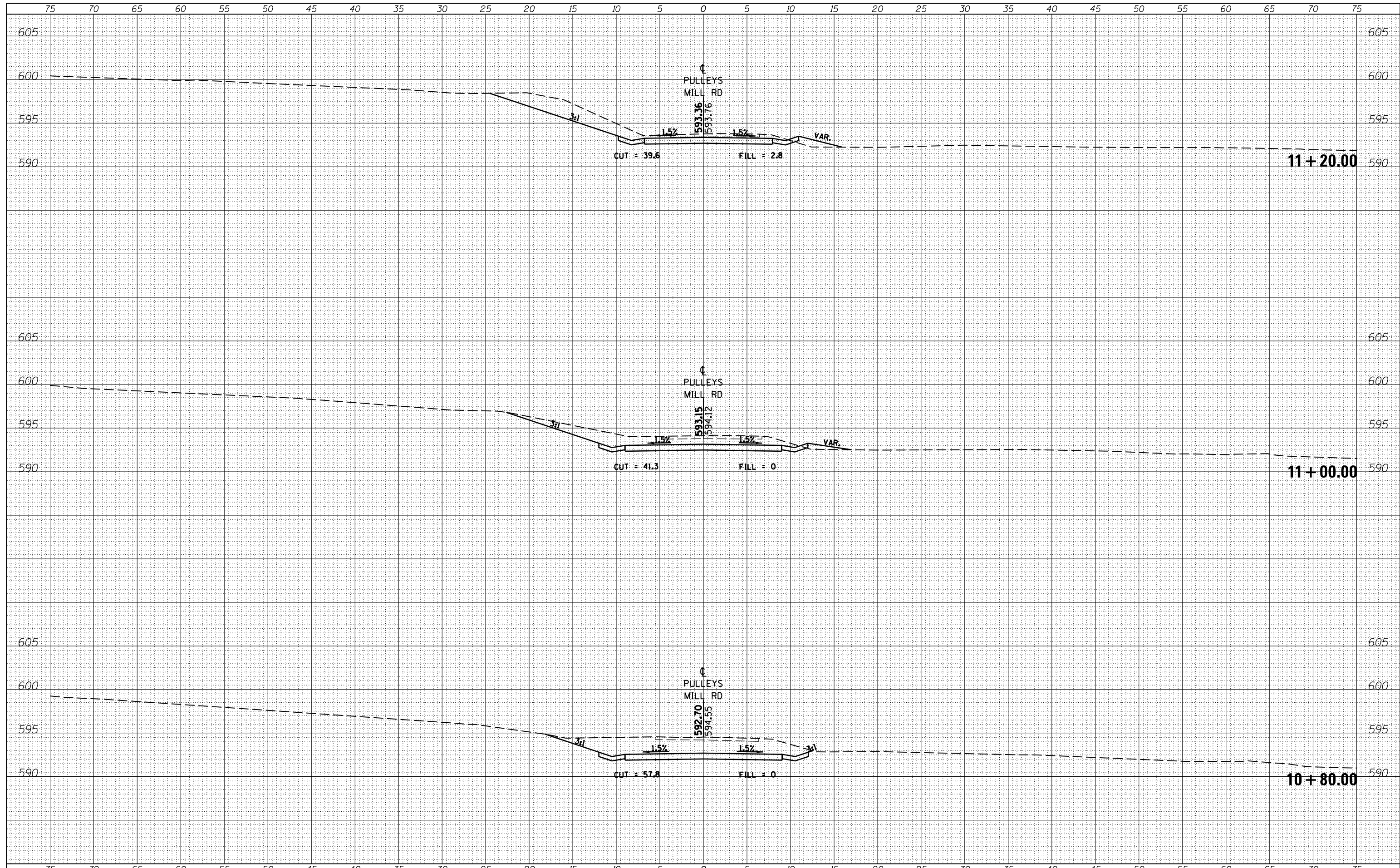
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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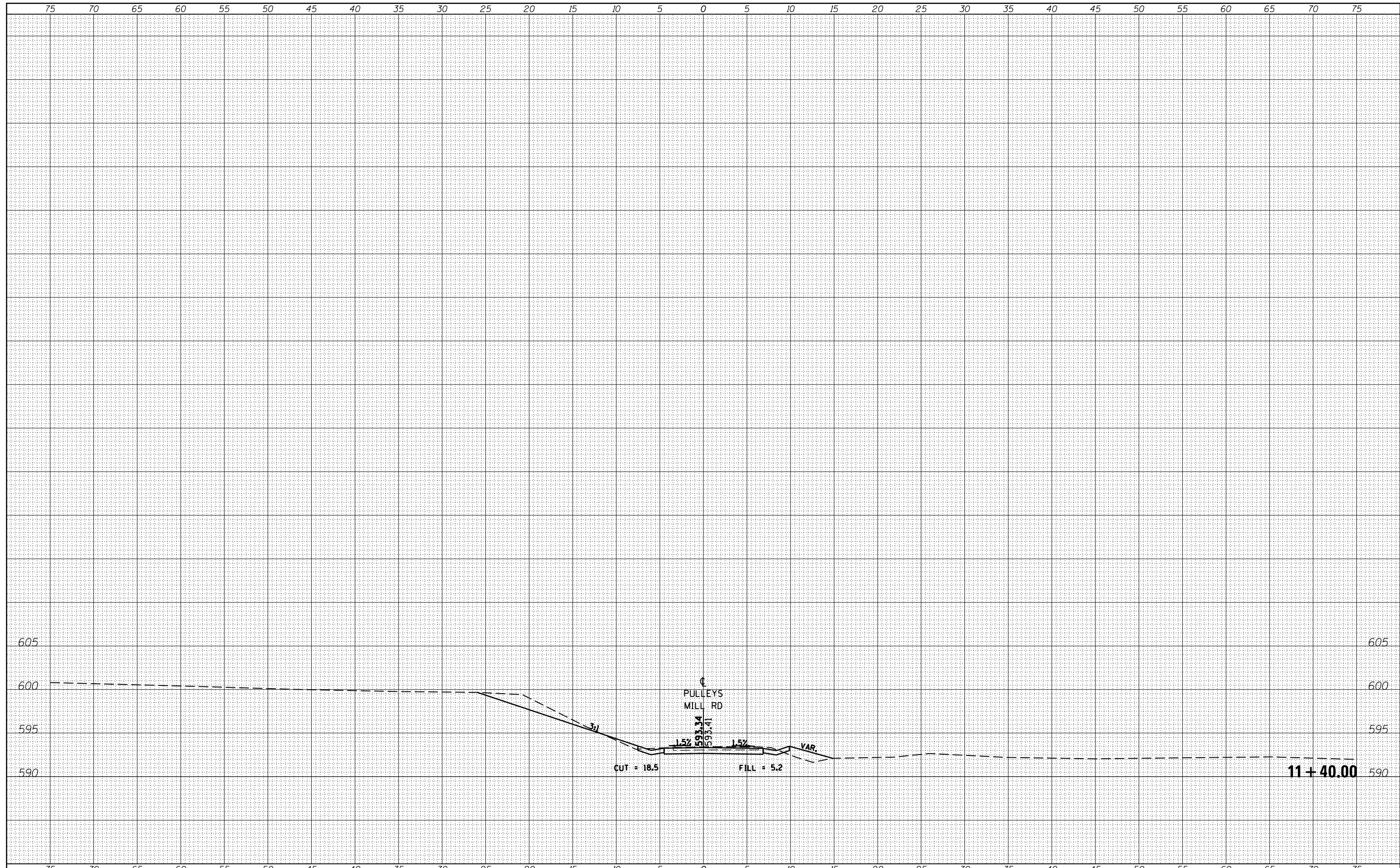
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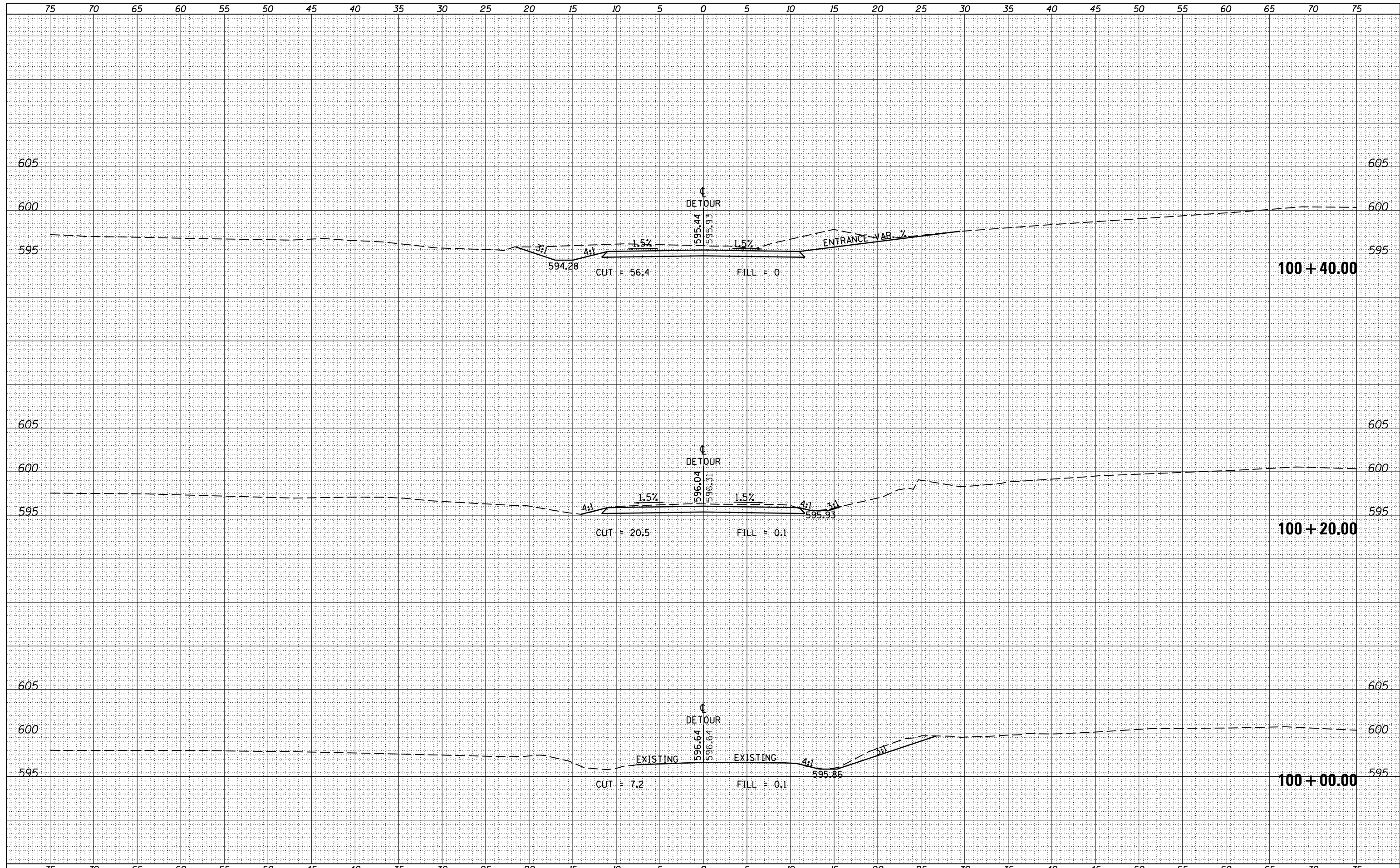
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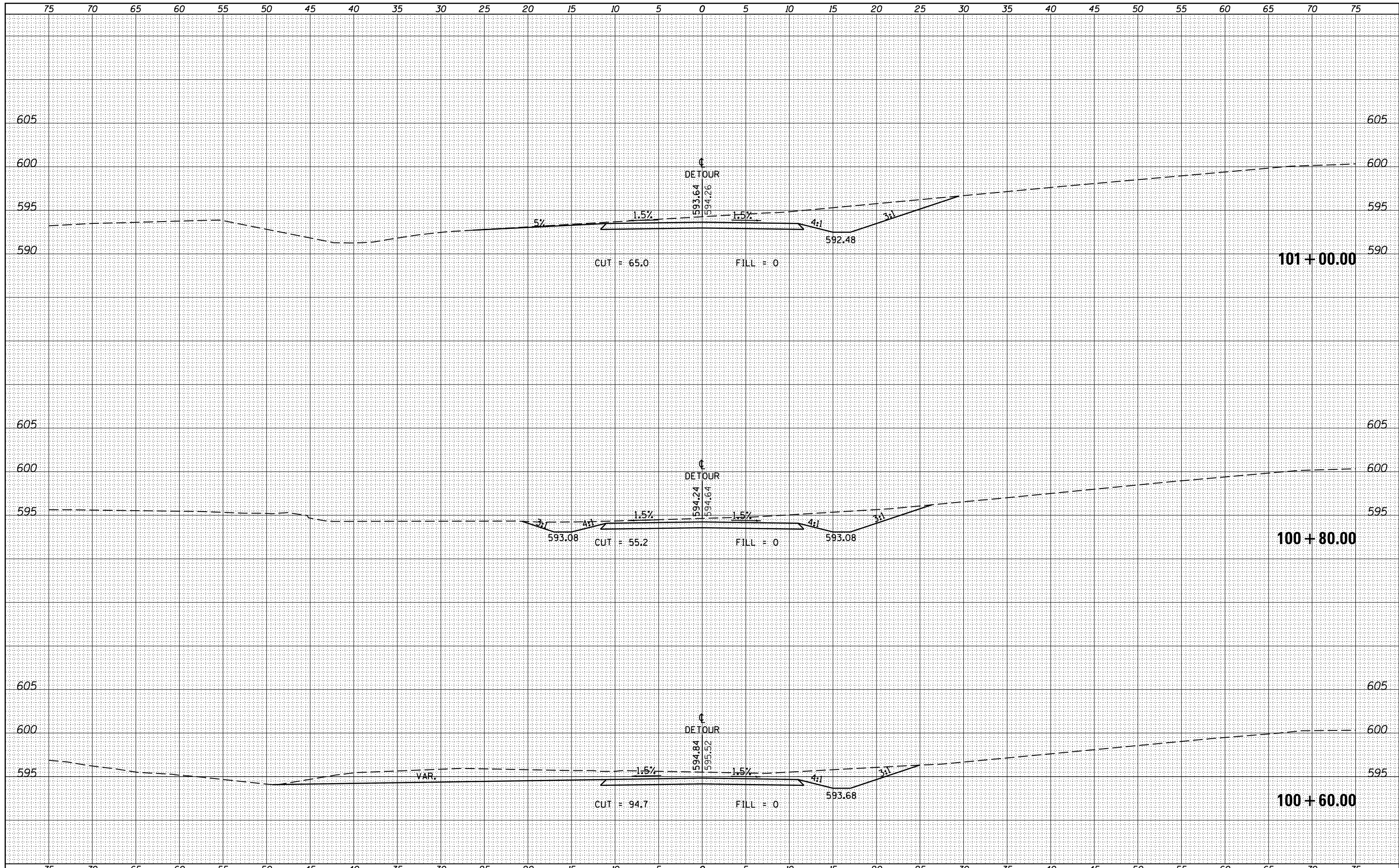
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	PLLOT DATE = 10/18/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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PLOT DATE = 10/18/2013	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - DETOUR

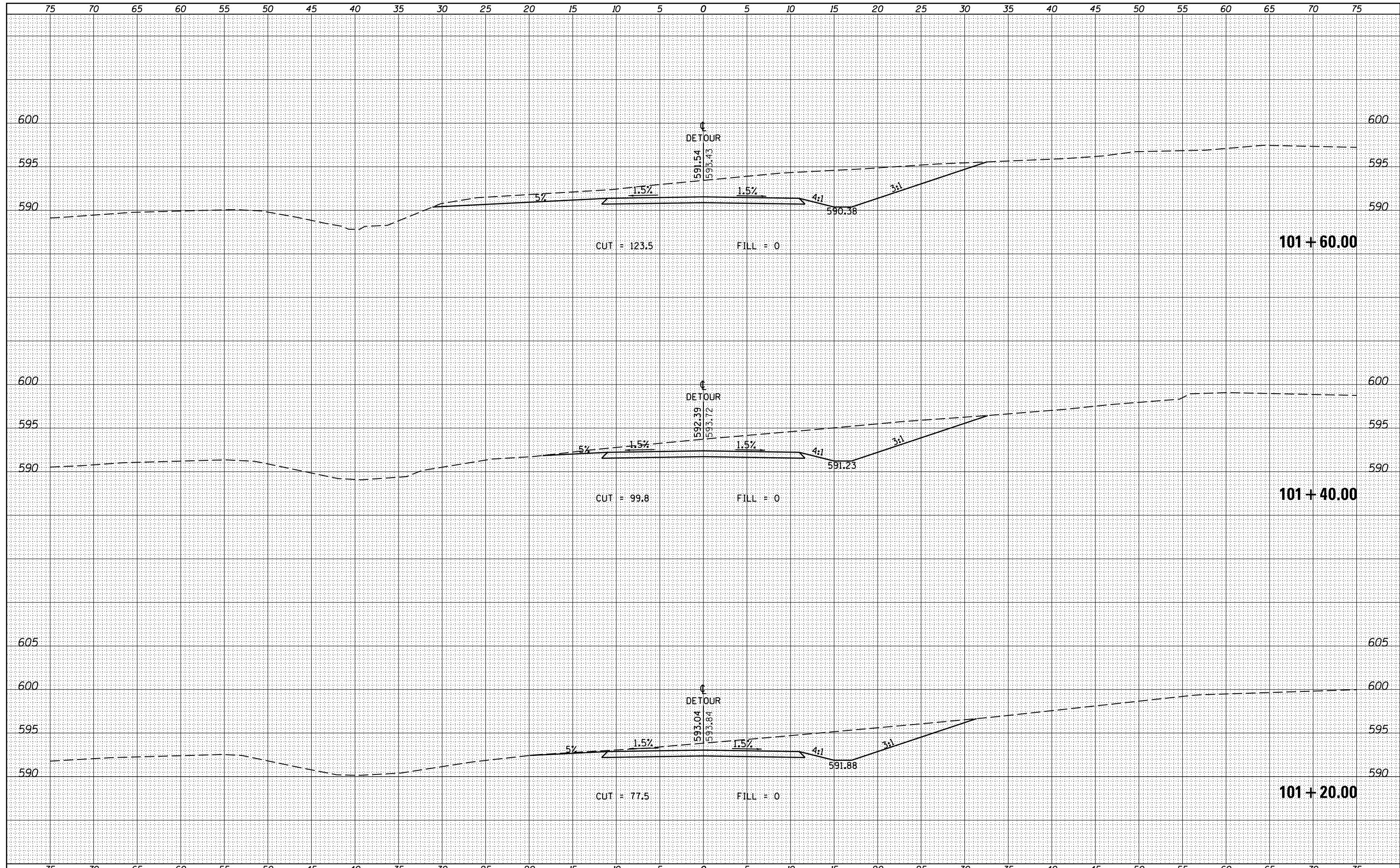
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 78320	

ILLINOIS FED. AID PROJECT

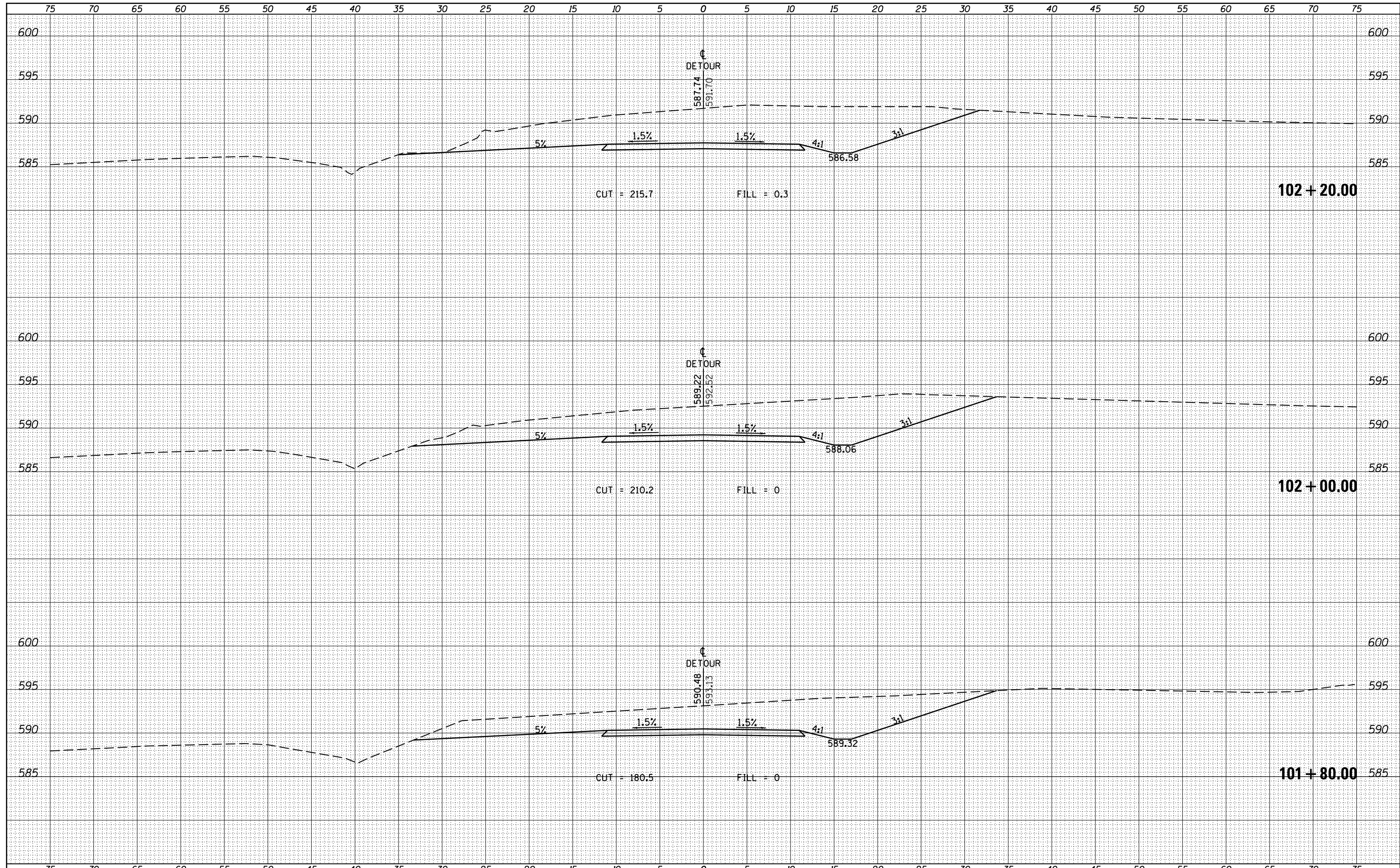
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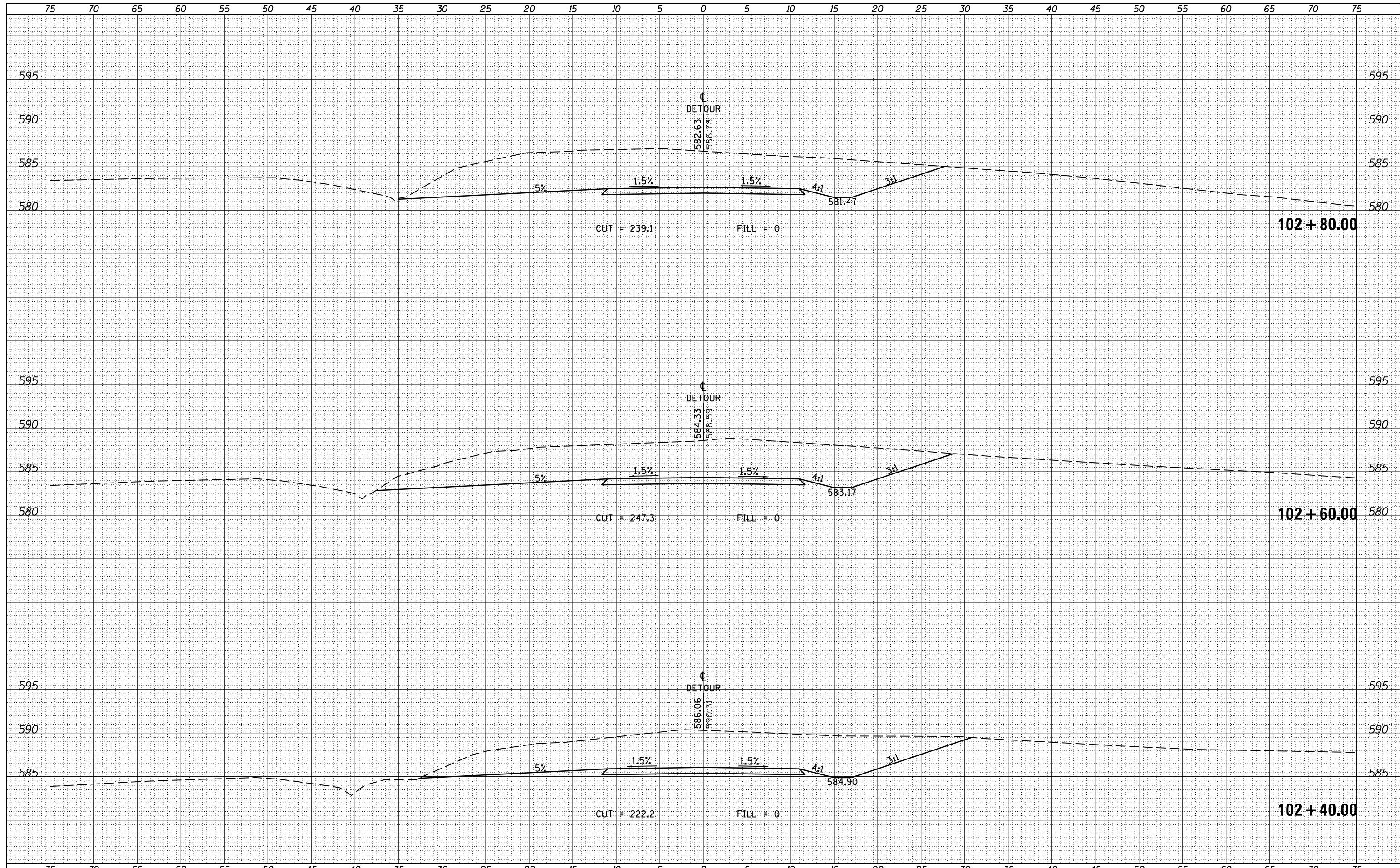
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - DETOUR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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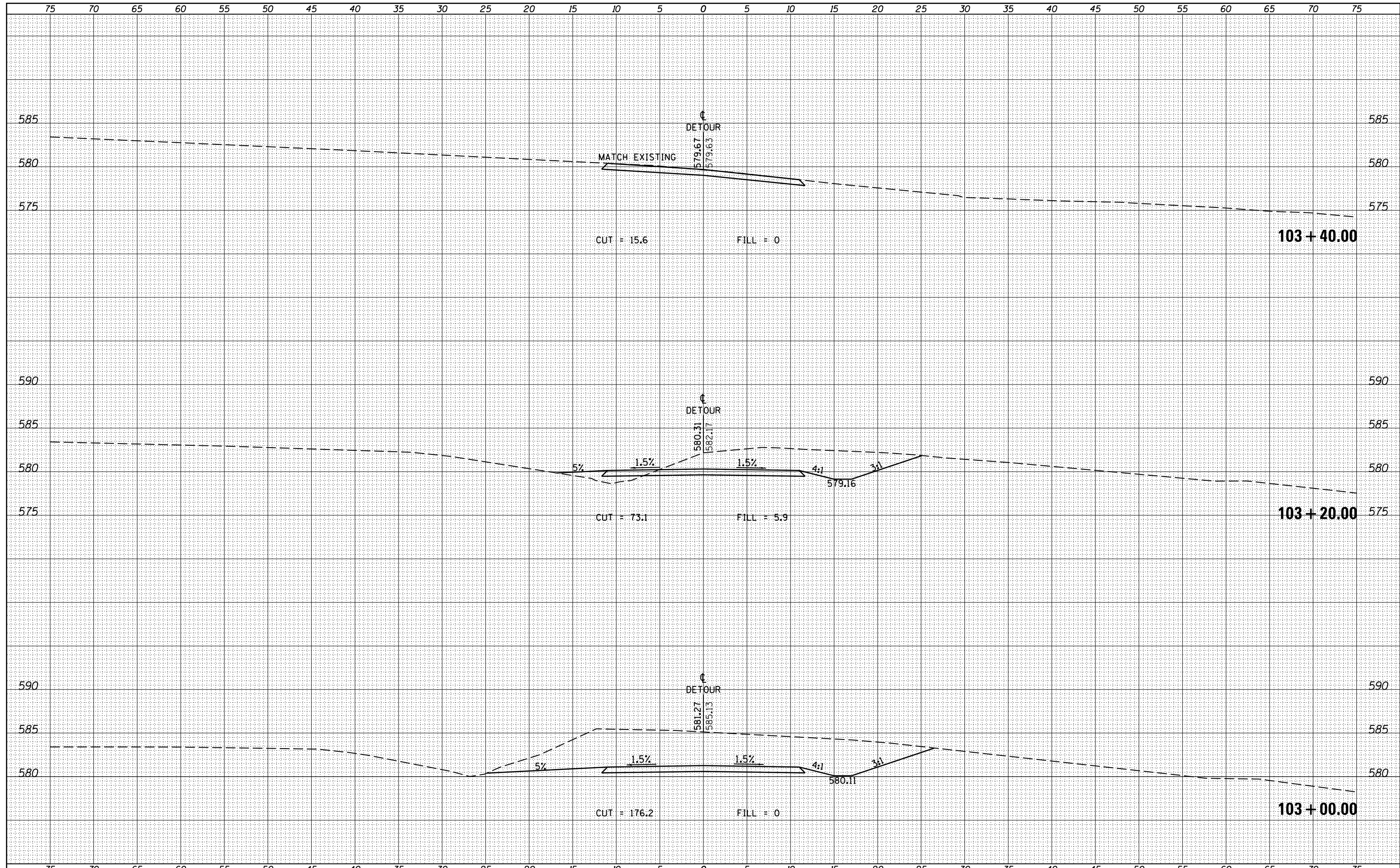
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - DETOUR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 102+40.00	TO STA. 102+80.00	CONTRACT NO. 78320	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - DETOUR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\pwidot\kranz_jc\d0308025\78320-sht1-sections.dgn	DRAWN -	REVISIED -	726					D9 SAFETY 2013-1	WILLIAMSON	112	112		
MODELNAME	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 103+00.00	TO	STA. 103+40.00	CONTRACT NO. 78320	
	PLOT DATE = 10/18/2013	DATE -	REVISIED -		ILLINOIS FED. AID PROJECT								