

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

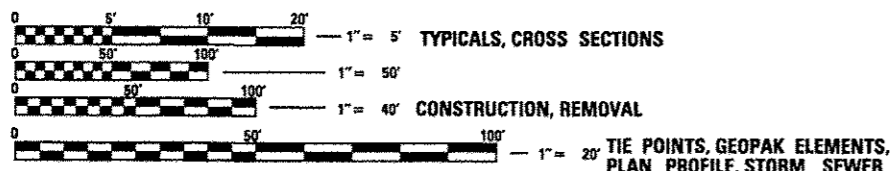
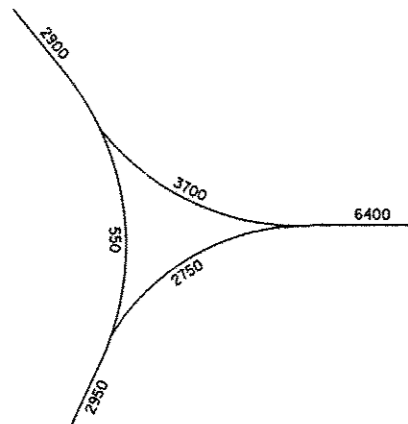
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 103/329 (IL13 / IL154)
SECTION (103,17)N-1
PROJECT ACF-000V (029)
TYPE of IMPROVEMENT
PERRY COUNTY

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 1
ILLINOIS			CONTRACT NO. 78398	

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-11

APPROACH	ADT(2013)	% TRUCKS
IL 13/154(FAP 329) MP 10.95-11.02	6,400	10.2%
IL 13(FAP 103) MP 12.86-13.01	3,700	4.6%
IL 13(FAP 103) MP 12.57-12.86	2,900	10.2%
WYE(FAP 103) MP 0.00-0.14	550	3.6%
IL 154(FAP 329) MP 10.66-10.80	2,950	21.2%
IL 154(FAP 329) MP 10.80-10.95	2,750	18.2%

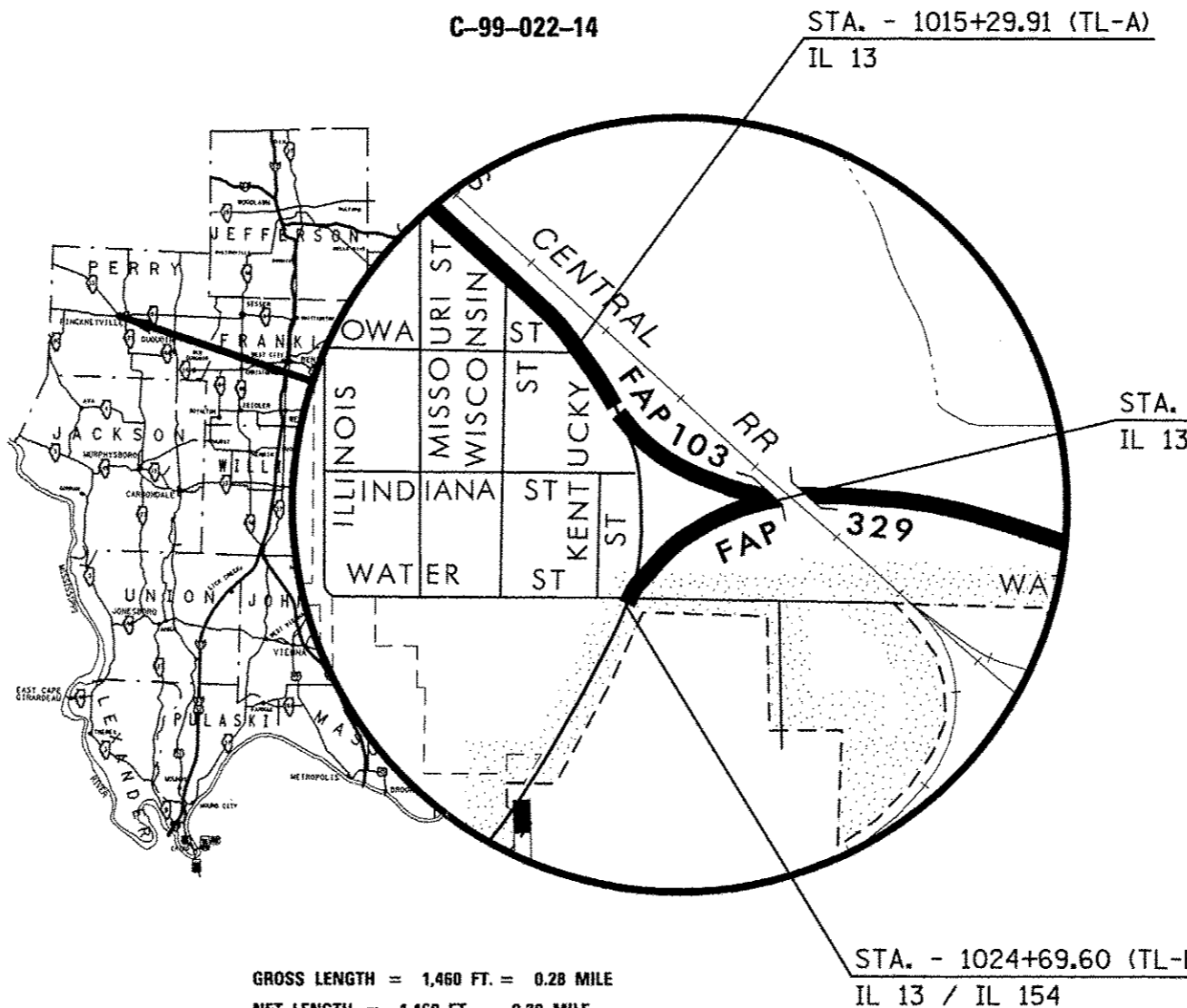


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER SUSAN POE
PROJECT MANAGER CHRIS RUSSELL

CONTRACT NO. 78398



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 27 2015

Debra J. Keen
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8 2015
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2015
Emre Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By:

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Examined By:

Carrie [Signature]
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

Keith Miles
DISTRICT OPERATIONS ENGINEER

Examined By:

[Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

DISTRICT CONSTRUCTION ENGINEER

Examined By:

DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME = *USER#	DESIGNED -	REVISED -
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	PLOT DATE = 3/25/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	2
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 78398	

SUMMARY OF QUANTITIES

COUNTY:	PERRY	
ROUTE:	FAP 103/329, IL 13/IL 154	
FUNDING:	80% FEDERAL 20% STATE	
LOCATION:	URBAN	URBAN
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING
20200100	EARTH EXCAVATION	CU YD	1,781	1,781	
20400800	FURNISHED EXCAVATION	CU YD	1,855	1,855	
20800150	TRENCH BACKFILL	CU YD	76	76	
25000115	SEEDING, CLASS 1B	ACRE	1.75	1.75	
25000350	SEEDING, CLASS 7	ACRE	1.75	1.75	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	210	210	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	210	210	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	210	210	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	3.5	3.5	
25100115	MULCH, METHOD 2	ACRE	3.5	3.5	
25100630	EROSION CONTROL BLANKET	SQ YD	370	370	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	525	525	
28000305	TEMPORARY DITCH CHECKS	FOOT	90	90	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	

SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY	
ROUTE:	FAP 103/329, IL 13/IL 154	
FUNDING:	80% FEDERAL 20% STATE	
LOCATION:	URBAN	URBAN
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING
28100107	STONE RIPRAP, CLASS A4	SO YD	15	15	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SO YD	489	489	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SO YD	7,570	7,570	
31200100	STABILIZED SUBBASE 4"	SO YD	4,859	4,859	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,030	3,030	
40600990	TEMPORARY RAMP	SO YD	57	57	
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	1,510	1,510	
40603520	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	322	322	
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SO YD	2,841	2,841	
42001300	PROTECTIVE COAT	SO YD	5,590	5,590	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SO YD	362	362	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	3,675	3,675	
42400800	DETECTABLE WARNINGS	SO FT	232	232	
44000100	PAVEMENT REMOVAL	SO YD	6,375	6,375	

SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY	
ROUTE:	FAP 103/329, IL 13/IL 154	
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LOCATION:	URBAN	URBAN
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	715	715	
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	115	115	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	558	558	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	118	118	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	474	474	
50105220	PIPE CULVERT REMOVAL	FOOT	117	117	
54248510	CONCRETE COLLAR	CU YD	1.2	1.2	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	316	316	
550B2330	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 1 15"	FOOT	232	232	
55100500	STORM SEWER REMOVAL 12"	FOOT	155	155	
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1	
60223700	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60500040	REMOVING MANHOLES	EACH	1	1	

SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY	
ROUTE:	FAP 103/329, IL 13/IL 154	
FUNDING:	80% FEDERAL 20% STATE	
LOCATION:	URBAN	URBAN
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021
60500060	REMOVING INLETS	EACH	2	2	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	10.6	10.6	
60600605	CONCRETE CURB, TYPE B	FOOT	210	210	
60602500	CONCRETE GUTTER, TYPE A	FOOT	286	286	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,544	2,544	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	370	370	
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100	100	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	32	32	

* SPECIALTY ITEM

FILE NAME #	USER NAME # USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME#	PLOT DATE # 3/27/2015	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
		DATE -	REVISED -							
ILLINOIS FED. AID PROJECT										CONTRACT NO. 78398

SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY	
ROUTE:	FAP 103/329, IL 13/IL 154	
FUNDING:	80% FEDERAL 20% STATE	
LOCATION:	URBAN	URBAN
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021
70300100	SHORT TERM PAVEMENT MARKING	FOOT	134	134	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	103	103	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	7,401	7,401	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	847	847	
70300275	TEMPORARY PAVEMENT MARKING - LINE 18"	FOOT	42	42	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	66	66	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	3,657	3,657	
* 72000100	SIGN PANEL - TYPE 1	SO FT	563	563	
* 72000200	SIGN PANEL - TYPE 2	SO FT	80	80	
* 72000300	SIGN PANEL - TYPE 3	SO FT	162	162	
* 72900200	METAL POST - TYPE B	FOOT	551	551	
* 73000100	WOOD SIGN SUPPORT	FOOT	556	556	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	103	103	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4,291	4,291	

* SPECIALTY ITEM

SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY	
ROUTE:	FAP 103/329, IL 13/IL 154	
FUNDING:	80% FEDERAL 20% STATE	
LOCATION:	URBAN	URBAN
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	847	847	
* 78009018	MODIFIED URETHANE PAVEMENT MARKING - LINE 18"	FOOT	42	42	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	30	30	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	170		170
* 81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND. (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1.220		1.220
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	6		6
* 82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 30AMP	EACH	1		1
* 83010600	LIGHT POLE, ALUMINUM, 50 FT. M. H., 15 FT. MAST ARM	EACH	6		6
* 83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'	EACH	6		6
* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	24		24
X0323117	LANDSCAPING GRAVEL	SO YD	167	167	
X0327371	PLUG EXISTING PIPE	CU YD	0.10	0.10	
X4402805	ISLAND REMOVAL	SO FT	1.600	1.600	

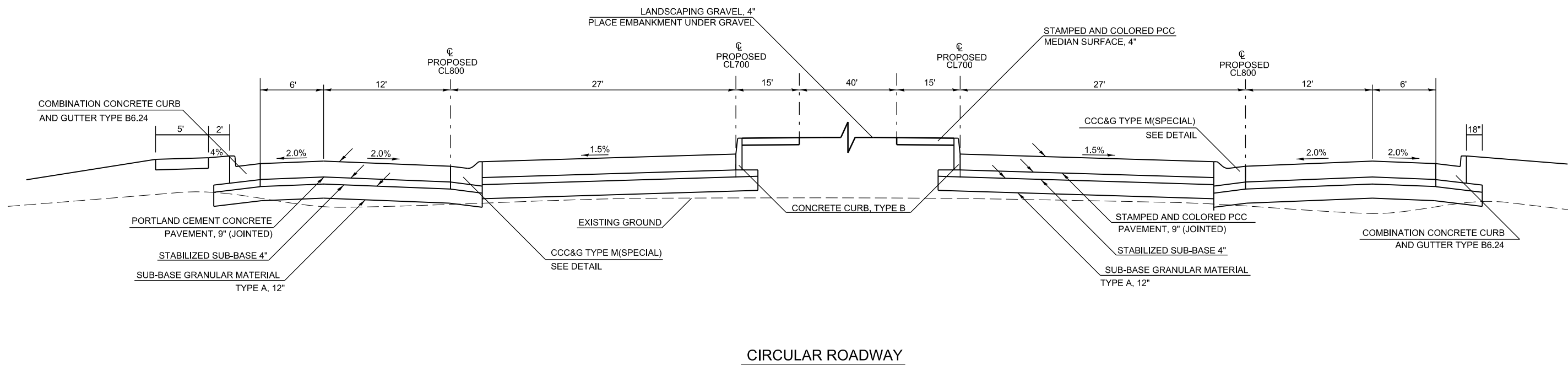
* SPECIALTY ITEM

SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY	
ROUTE:	FAP 103/329, IL 13/IL 154	
FUNDING:	80% FEDERAL 20% STATE	
LOCATION:	URBAN	URBAN
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021

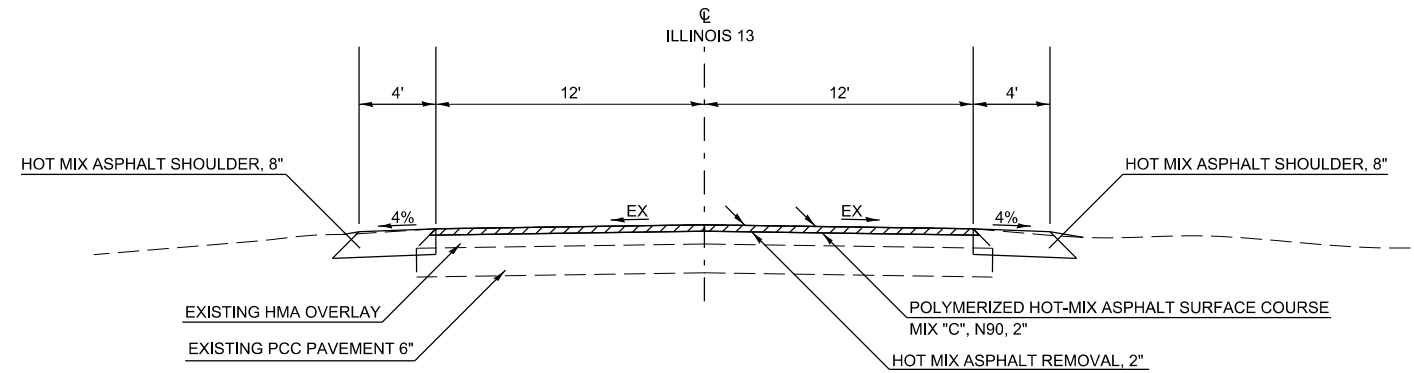
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X6022230	MANHOLES, TYPE A, 4' -DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	3	3	
X6024240	INLETS, SPECIAL	EACH	2	2	
X6050500	REMOVE FRAM AND GRATES, SPECIAL	EACH	1	1	
X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	108	108	
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	699	699	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
φ Z00706000	TRAINEES	HOOR	500	500	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
φ Z00706004	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	500	500	
00404005	FRAMES AND GRATES, TYPE 9C	EACH	1	1	
X1700010	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)	SG YD	838	838	
X1700011	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE, 4"	SQ FT	5,018	5,018	

φ 0042

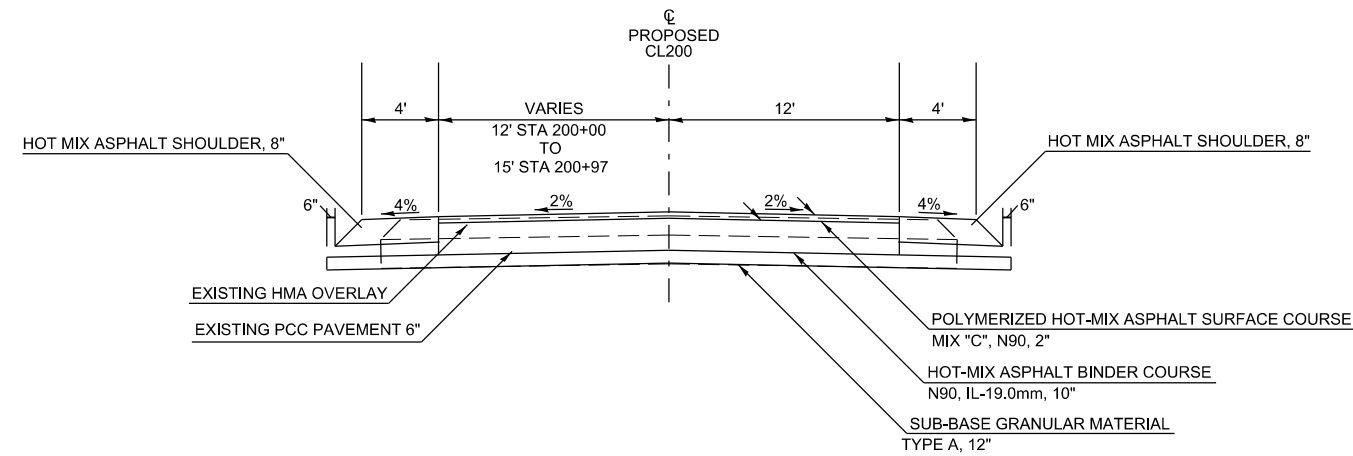


CIRCULAR ROADWAY

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	PLOT DATE = 3/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



TO BE USED
 STA 1015+30 TO STA 1017+40.5
 (STATIONING ALONG EXISTING IL 13)



TO BE USED
 STA 200+00 TO STA 201+14

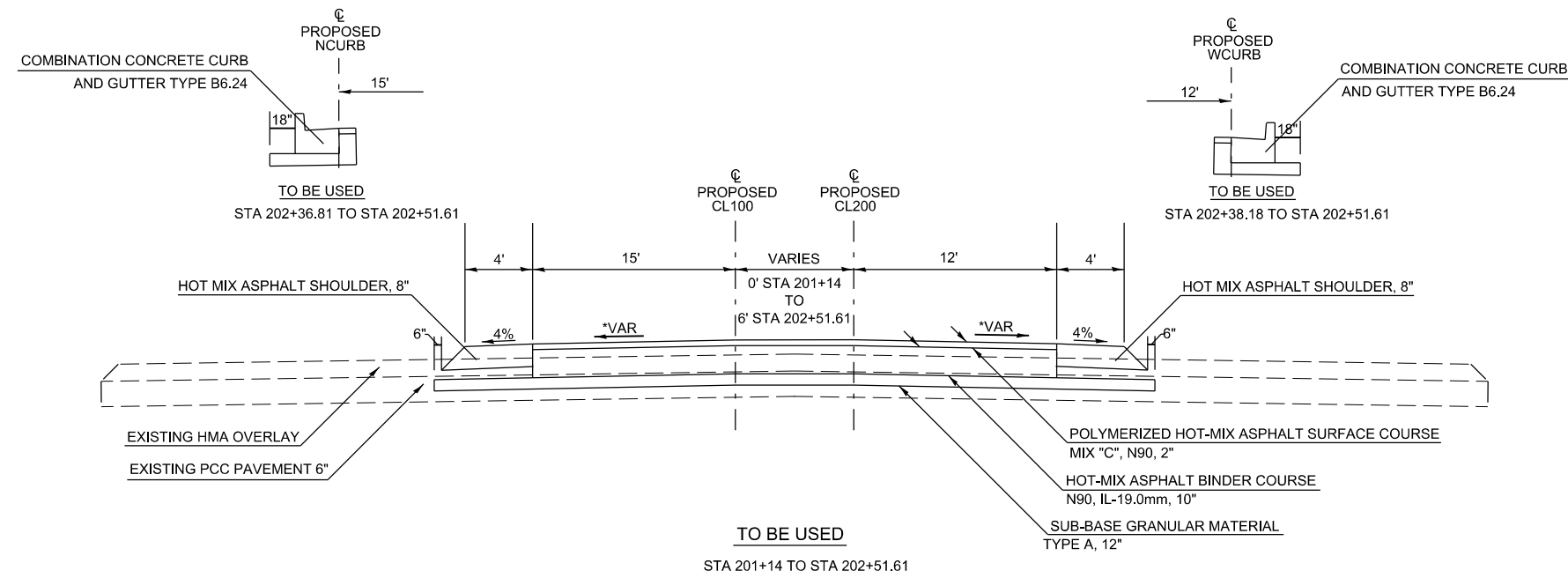
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

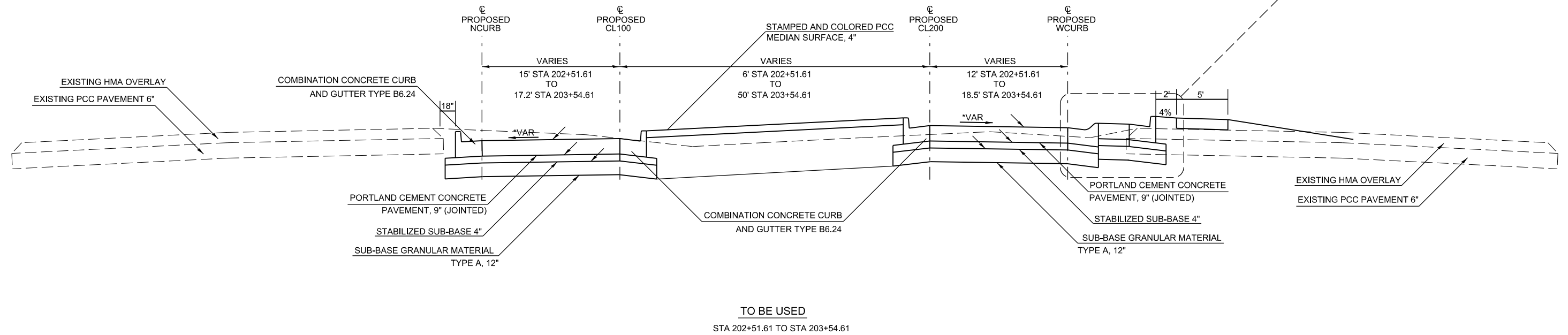
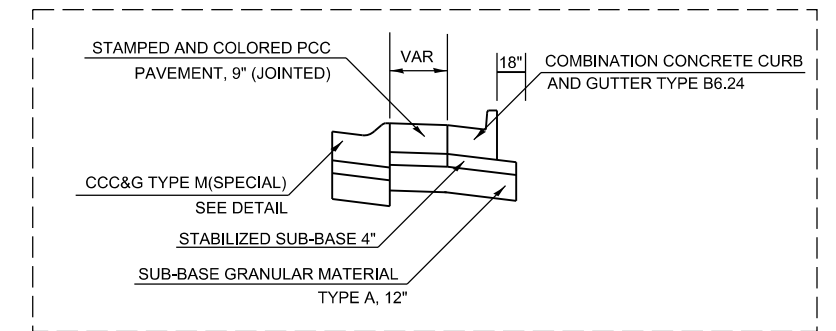
TYPICAL SECTIONS
 CL200

SCALE: SHEET OF SHEETS STA. TO STA.

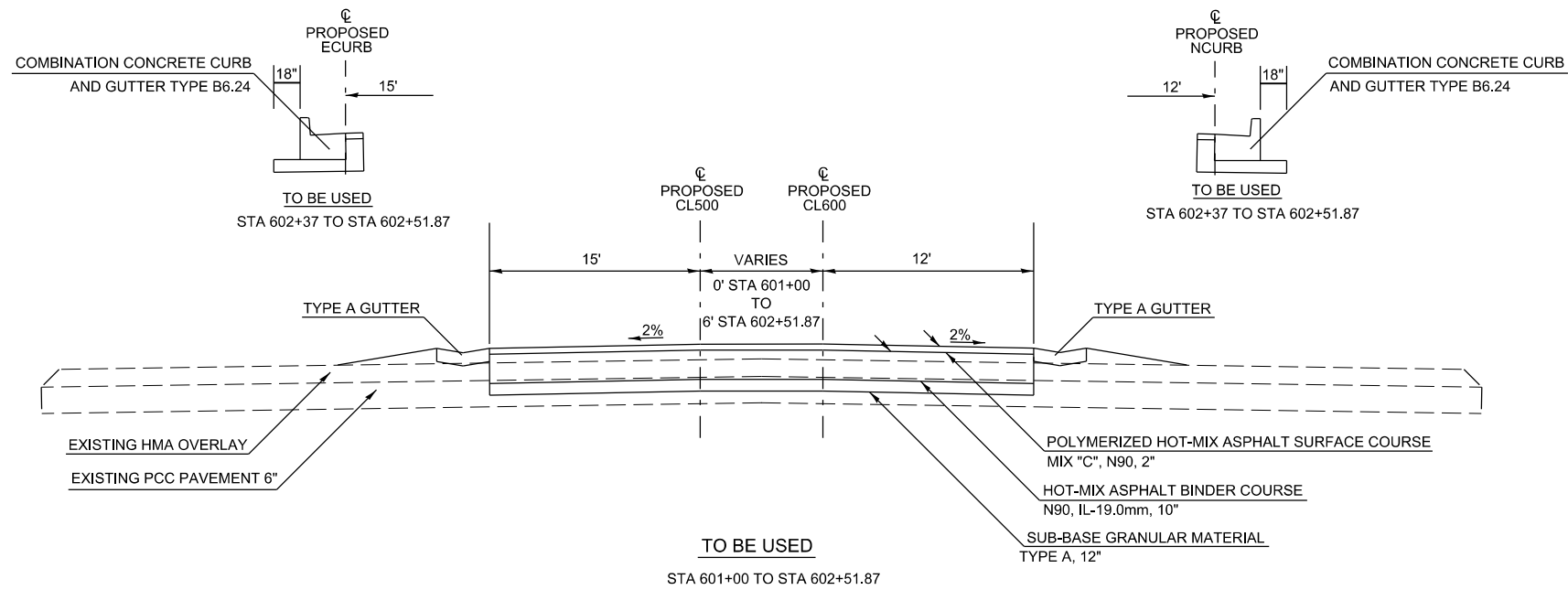
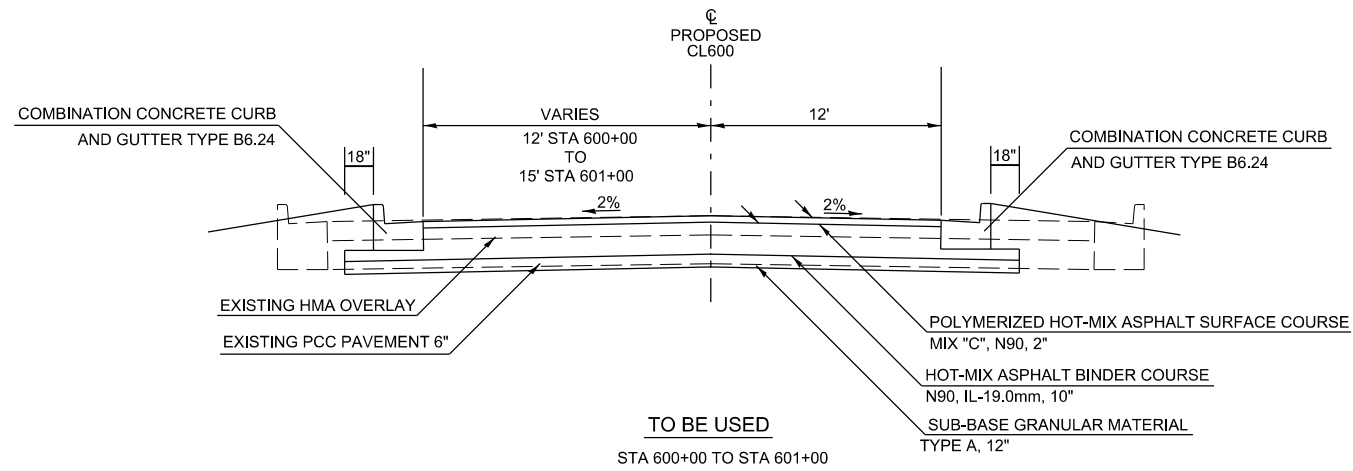
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103/329	(103,17)N-1	PERRY	127	13
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



TRUCK BIB DETAIL



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		DATE -	REVISED -													



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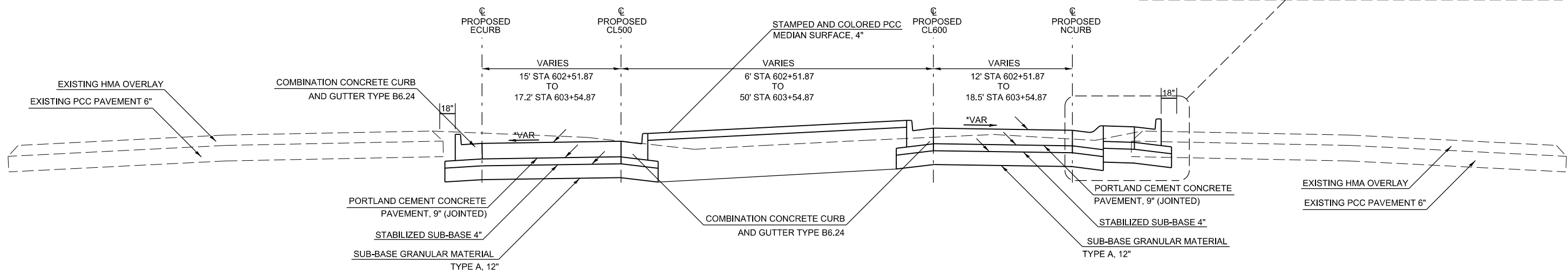
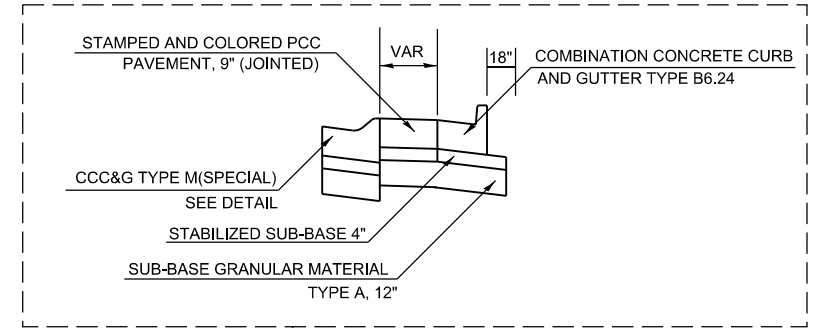
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
CL600**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

TRUCK BIB DETAIL



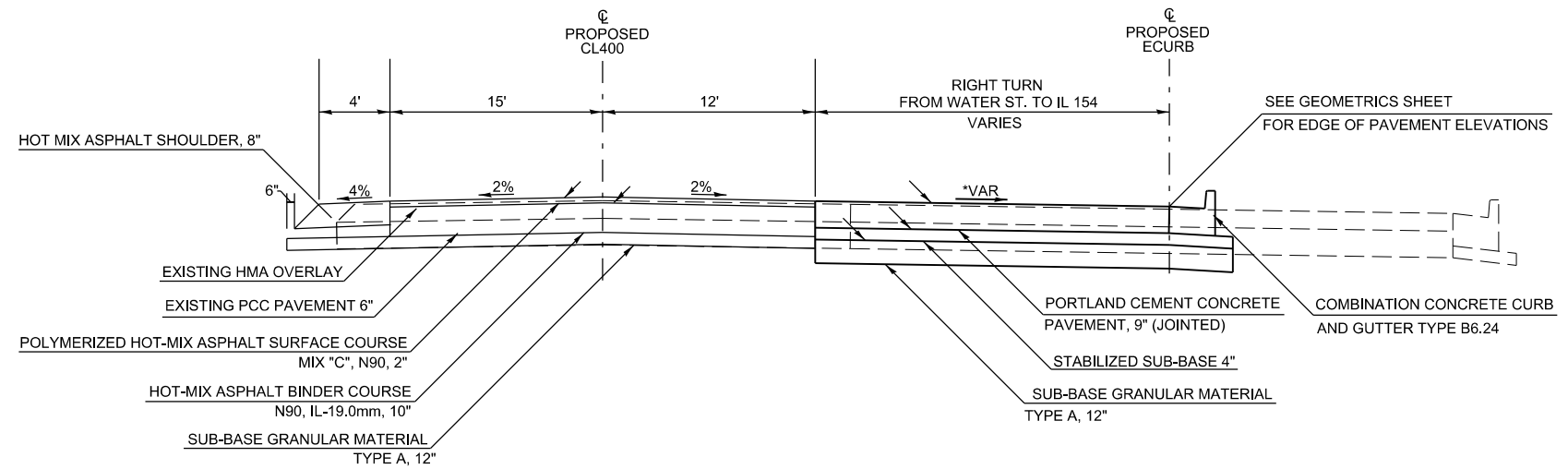
TO BE USED
STA 602+51.87 TO STA 603+54.87

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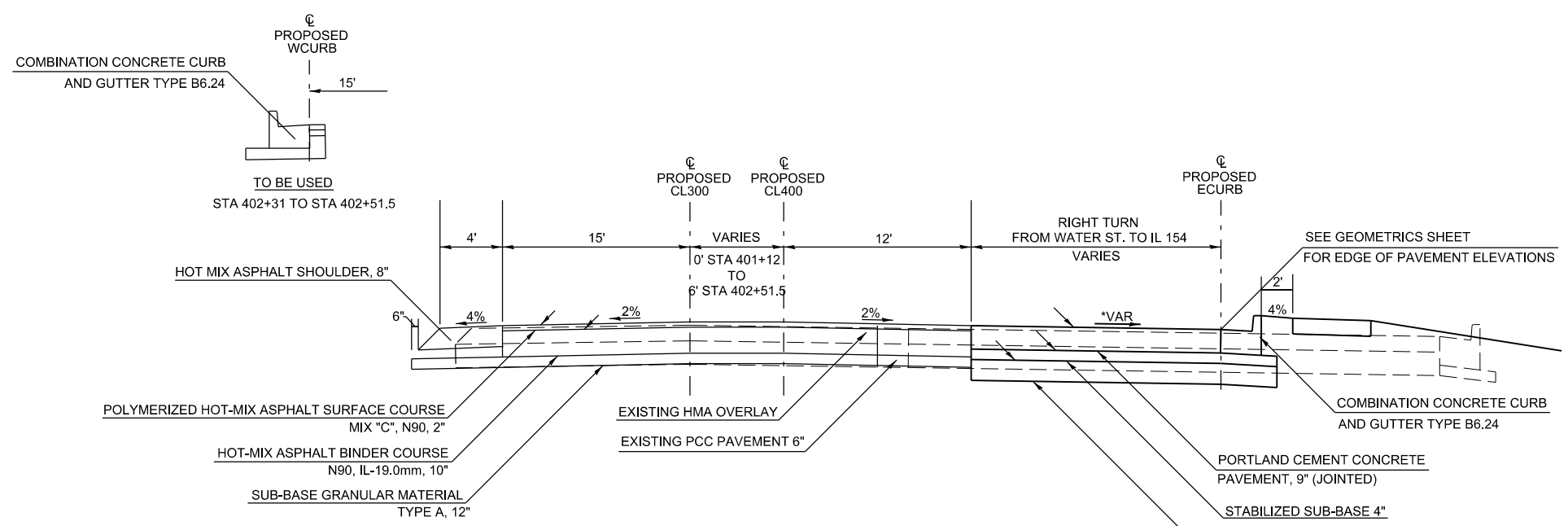
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION CL 600			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



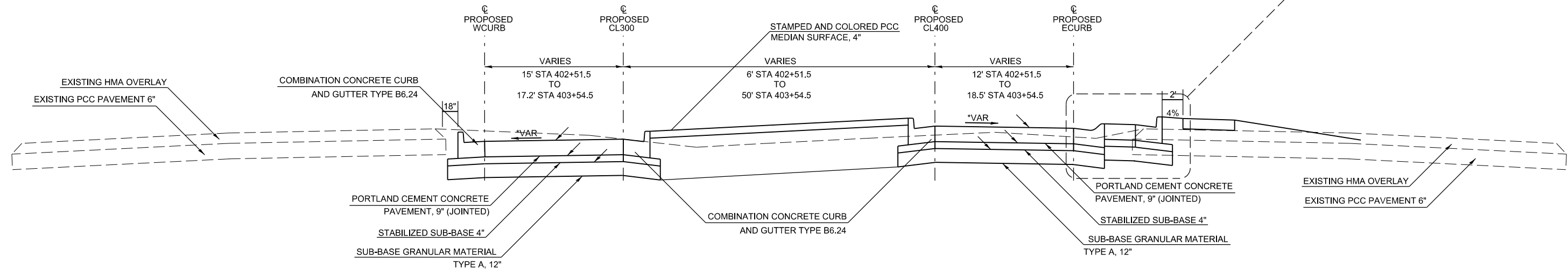
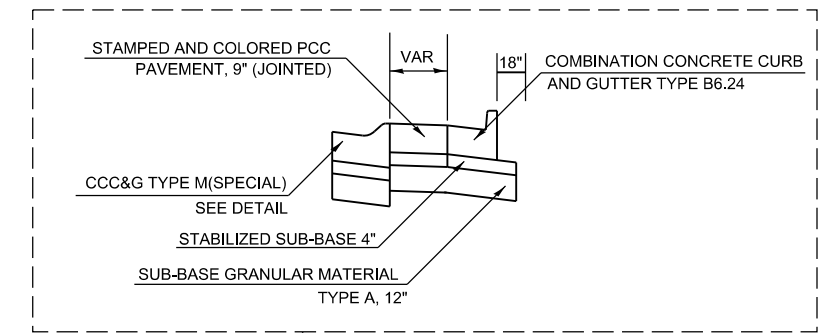
TO BE USED
STA 400+51 TO STA 401+12



TO BE USED
STA 401+12 TO STA 402+51.5

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\$MODELNAME\$		CHECKED -	REVISED -													
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												CONTRACT NO. 78398		ILLINOIS FED. AID PROJECT		

TRUCK BIB DETAIL



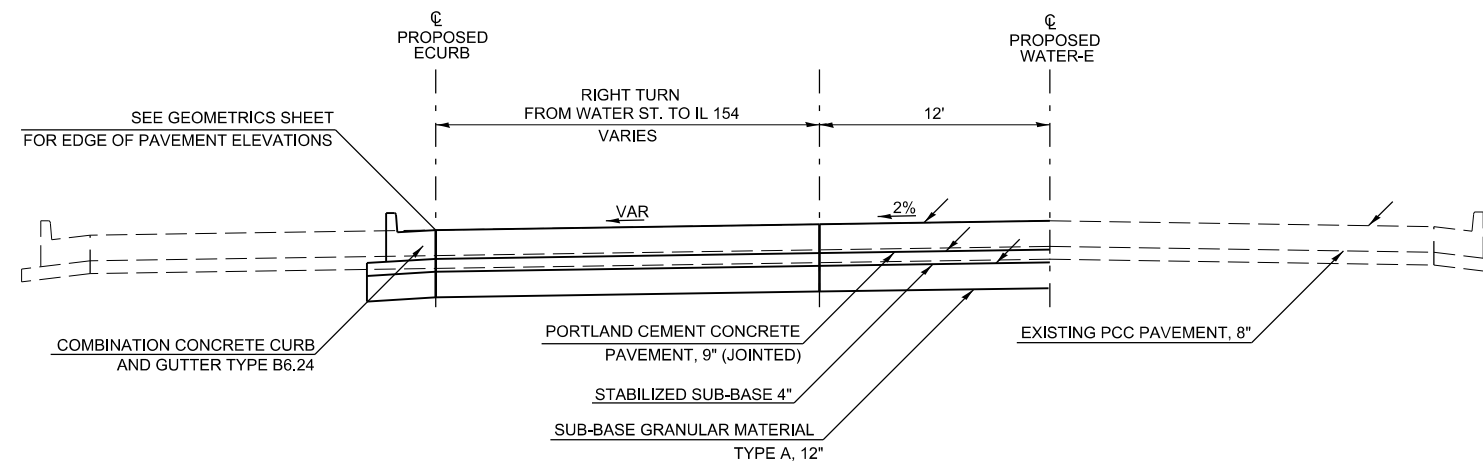
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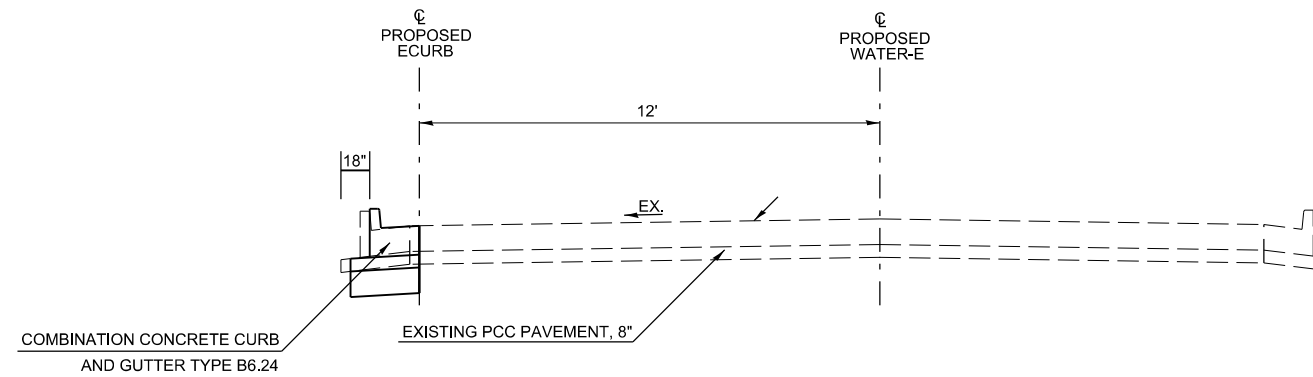
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICALS SECTIONS CL400			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	18
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



TO BE USED
STA 50+18 TO STA 51+38



TO BE USED
STA 51+38 TO STA 52+33

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
c:\pwork\pwork\greenlees\m\0370321\78398-shrb-tyr-sch-ties-geopakelements.dgn		DRAWN -	REVISED -
	PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
WATER STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	19
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE & DRAINAGE REMOVAL SCHEDULE

LOCATION STATION TO STATION	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL, 12"	REMOVING MANHOLES	REMOVING INLETS	PLUG EXISTING PIPE	REMOVE FRAMES AND GRATES, SPECIAL	STORM SEWER, CLASS A, TYPE 1 15"	STORM SEWER, RUBBER GASKET, CLASS B, TYPE 1 15"	INLETS, SPECIAL	MANHOLES, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4' - DIAMETER, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4' - DIAMETER, WITH SPECIAL FRAME AND GRATE	MANHOLES, TYPE A, 6' - DIAMETER, TYPE 1 FRAME, OPEN LID	FRAMES AND GRATES, TYPE 9C	TRENCH BACKFILL	CONCRETE COLLAR
	FOOT	FOOT	EACH	EACH	CU YD	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	CU YD	CU YD
PROPOSED DRAINAGE																
800+48.7 @ 2.67' LT TO 803+45.19 @ 2.57' LT							81								9.8	
800+50 @ 1.48' LT												1				
802+51.29 @ 2.63' LT TO 803+42.85 @ 2.51' LT							80								9.7	
802+50 @ 1.48' LT												1				
803+44 @ 1.48' LT												1				
803+44.00 @ 0.06' RT TO 803+44.00 @ 18.06' RT							18								2.2	
803+44 @ 19.59' RT											1					
803+45.25 @ 20.38' RT TO 1602+84.45 @ 62.97' RT							137								1.2	
1602+87.26 @ 63.85' RT													1			0.81
1403+43.65 @ 3.76' LT									1							
1403+45.89 @ 3.82' LT TO 1404+83.45 @ 4.5' LT								124.5							4.8	
1404+83.65 @ 3.82' LT									1							
1404+85.75 @ 3.37' LT TO 1405+98.36 @ 13.25' LT								107.5							25.4	
1405+99.84 @ 1.4' LT						1								1		
1406+00.14 @ 13.28' LT										1						0.38
DRAINAGE REMOVAL																
1200+31 @ 0.8' RT TO 202+19 @ 7.5' RT	50				0.1										5.8	
10+11 @ 28.7' RT TO 10+67 @ 1.8' RT	67														7.8	
1404+44.38 @ 5.35' LT TO 1404+91.21 @ 4.69' LT		47														
1404+92.13 @ 4.40' LT TO 1405+99.32 @ 13.25' LT		108														
1406+00.14 @ 13.28' LT			1												4.6	
1404+44 @ 5.4' LT				1											4.6	
1404+92 @ 4.9' LT				1												
TOTAL	117	155	1	2	0.1	1	316	232	2	1	1	3	1	1	76.0	1.2

SIGNING SCHEDULE

LOCATION	SIGN NAME	STATE ROUTE SIGN	CARDINAL DIRECTION	DIRECTIONAL ARROW	HOSPITAL	ONE WAY	ROUNDAABOUT DIRECTIONAL	SPEED LIMIT	DO NOT ENTER	YIELD	PEDESTRIAN CROSSING	KEEP RIGHT	YIELD AHEAD	ADVANCED DESTINATION GUIDE	ROUNDAABOUT CIRCULATION	ADVISORY SPEED	
		COMBINATION				COMBINATION			COMBINATION*						COMBINATION		
	MUTCD #	M1-5	M3-1, 2, 3, 4	M6-2	D9-2	R6-1r	R6-4	R2-1	R5-1	R1-2	W11-2a	R4-7	W3-2a	SPECIALTY	W2-6	W13-1	
	SIZE	24" X 24"	24" X 12"	21" X 15"	24" X 24"	36" X 12"	30" X 24"	24" X 30"	36" X 36"	36" X 36" "X 36"	36" X 36"	24" X 30"	36" X 36"	9' X 6'	36" X 36"	24" X 24"	
	SHAPE	SQUARE	RECT.	RECT.	SQUARE	RECT.	RECT.	RECT.	SQUARE	TRIANGULAR	DIAMOND	RECT.	DIAMOND	RECT.	DIAMOND	SQUARE	
	SIGN AREA (SF)	4.00	2.00	2.19	4.00	3.00	5.00	5.00	9.00	4.50	9.00	5.00	9.00	54.00	9.00	4.00	
ROUNDAABOUT		4	4	4	1	3	3	3	6	3	6	3					
SOUTH ROUNDAABOUT APPROACH													1	1	1	1	
NORTH ROUNDAABOUT APPROACH													1	1	1	1	
EAST ROUNDAABOUT APPROACH													1	1	1	1	
	SIGN PANEL TYPE	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	
	TOTAL SIGNS	4	4	4	1	3	3	3	6	3	6	3	3	3	3	3	
	TOTAL AREA (SF)	16.00	8.00	8.76	4.00	9.00	15.00	15.00	54.00	13.50	54.00	15.00	27.00	162.00	27.00	12.00	
	POST TYPE	WOOD				WOOD		B	WOOD			WOOD	B	WOOD	WOOD	WOOD	
	LENGTH / INSTALLATION (FOOT)	50.75				45.00		13.50	97.50			97.50	13.50	48.75	162.00	54.75	

* 3 OF THE "DO NOT ENTER" SIGNS WILL BE MOUNTED ON THE BACK OF THE "YIELD" SIGNS. THE OTHER 3 WILL BE ON THEIR OWN SIGN POST

SIGN PANEL TYPE 1 TOTAL =	278	SQ FT
SIGN PANEL TYPE 3 TOTAL =	162	SQ FT
WOOD SIGN SUPPORT TOTAL LENGTH =	556	FOOT
METAL POST - TYPE B TOTAL LENGTH =	27	FOOT

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH	MODIFIED URETHANE PAVEMENT MARKING								REMARKS	
		LINE 4"			LINE 12"		LINE 18"	LINE 24"	LETTER & SYMBOLS		
		YELLOW		WHITE	YELLOW	WHITE	YELLOW	YELLOW	WHITE		
		DBL SOLID	SKIP DASH	SOLID					SQ FT		
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
NORTH LEG											
1015+30 TO 1017+41	211	422		422							
200+00 TO 201+14	114	228		228							
201+14 TO 202+38	124			248							
201+14 TO 202+52	138	552			42					2 - DOUBLE YELLOW, HATCHING 10' SPACING PARALLEL	
102+12						40				CROSSWALK	
203+23						40				CROSSWALK	
202+52 TO 203+55	103			112		80				HATCHING 5' SPACING PARALLEL	
203+44								22.3		YIELD	
203+53								12.0		YIELD LINE (TRIANGLES)	
800+45 TO 800+73	28						14			2' SKIP - 2' DASH	
SOUTH LEG											
400+51 TO 401+12	61	122								LEFT EOP	
400+80 TO 402+31	151			151							
401+15 TO 402+52	137	548			42					2 - DOUBLE YELLOW, HATCHING 10' SPACING PARALLEL	
302+11						40				CROSSWALK	
403+21						40				CROSSWALK	
402+52 TO 403+55	103			112		80				HATCHING 5' SPACING PARALLEL	
403+44								22.3		YIELD	
403+53								12.0		YIELD LINE (TRIANGLES)	
801+75 TO 802+03	28						14			2' SKIP - 2' DASH	
EAST LEG											
600+00 TO 601+15	115	230									
601+15 TO 602+52	137	548			42					2 - DOUBLE YELLOW, HATCHING 10' SPACING PARALLEL	
502+11						40				CROSSWALK	
603+21						40				CROSSWALK	
602+52 TO 603+55	103			112		80				HATCHING 5' SPACING PARALLEL	
603+44								22.3		YIELD	
603+53								12.0		YIELD LINE (TRIANGLES)	
803+05 TO 803+33	28						14			2' SKIP - 2' DASH	
WATER STREET											
50+30 TO 52+60	230		58								
50+30								12		STOP BAR	
50+19 TO 50+85	66										
400+70 TO 401+42	72			198		241				PAINTED ISLAND	
1404+27 TO 1404+87	60										
1404+36								18		STOP BAR	
SUBTOTALS		2650	58	1583	126	721					
TOTALS		4291			847		42	30	102.9		

CURB AND GUTTER SCHEDULE

LOCATION STATION TO STATION	CONCRETE CURB, TYPE B	CONCRETE CURB, TYPE B (SPECIAL)	COM. CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	CONCRETE GUTTER, TYPE A	COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24	CLASS. SI CONCRETE	SUB-BASE GRANULAR MATERIAL, TYPE A, 4"	SUB-BASE GRANULAR MATERIAL, TYPE A, 8"	STABILIZED SUB-BASE, 4"	PROTECTIVE COAT	REMARKS
	FOOT	FOOT	FOOT	FOOT	FOOT		SQ YD	SQ YD	SQ YD	SQ YD	
CL100											
STA 101+37.1 TO STA 102+51.5					268			120	120	77	SPLITTER ISLAND
STA 102+12		36								3	SPLITTER ISLAND CROSSWALK
CL300											
STA 301+38.8 TO STA 302+53.2					268			120	120	77	SPLITTER ISLAND
STA 302+14		36								3	SPLITTER ISLAND CROSSWALK
CL500											
STA 501+10						0.93					
STA 501+35.9 TO STA 502+50.3					268			120	120	77	SPLITTER ISLAND
STA 502+11		36								3	SPLITTER ISLAND CROSSWALK
CL600											
STA 600+00 TO STA 601+00					200			106	106	58	RIGHT/LEFT SIDE
STA 601+00 TO STA 602+38.5				139							RIGHT SIDE
STA 601+00 TO STA 602+37				137							LEFT SIDE
CL700											
STA 700+00 TO STA 702+19.4	210									14	CENTER ISLAND
CL800											
STA 800+00 TO STA 803+89			390							130	TRUCK APRON
WCURB											
STA 1200+23.8 TO STA 1203+17.3					294	6.42		152	152	85	
STA 1200+21 TO STA 1200+68			50							17	TRUCK BIB-NORTH LEG
STA 1200+83 TO STA 1201+33			53							18	TRUCK BIB-NORTH LEG
ECURB											
STA 1400+00 TO STA 1403+41					341			152	152	98	
STA 1402+02 TO STA 1402+53			53							18	TRUCK BIB-SOUTH LEG
STA 1402+68 TO STA 1403+16			50							17	TRUCK BIB-SOUTH LEG
STA 1403+41 TO STA 1405+32.6					193			86	86	56	
STA 1405+32.6 TO STA 1406+27					95			43	43	28	
NCURB											
STA 1600+00 TO STA 1603+35.6					311	3.21		150	150	89	
STA 1600+21 TO STA 1600+68			50							17	TRUCK BIB-EAST LEG
STA 1600+83 TO STA 1601+33			53							18	TRUCK BIB-EAST LEG
PARK 1											
STA 10+00 TO STA 12+36.5					237		101			68	PARKING LOT
STA 11+69 TO STA 12+36.5					69		26			20	27' LEFT
STA 10+75				5							
STA 11+69				5							
TOTALS	210	108	699	286	2544	10.6	127	1049	1049	991	

REMOVAL SCHEDULE

LOCATION STATION TO STATION	PAVEMENT REMOVAL	HMA SURFACE REMOVAL 2"	COMBINATION CURB AND GUTTER REMOVAL	ISLAND REMOVAL	DRIVEWAY PAVEMENT REMOVAL	REMARKS
	SQ YD	SQ YD	FOOT	SQ FT	SQ YD	
IL 13(TL-A)						
STA 1017+40.5 TO STA 1024+26	1981					
STA 1019+31 TO STA 1019+94	225					TURN AROUND AREA
STA 1022+80 TO STA 1023+92	139					TURN AROUND AREA
STA 1015+30 TO STA 1017+40.5		665				
STA 1024+11 TO STA 1025+20			109			LEFT EDGE OF PAVEMENT
STA 1024+42 TO STA 1025+20			78			RIGHT EDGE OF PAVEMENT
IL 154(TL-C)						
STA 1310+16.7 TO STA 1317+43.7	2100					
STA 1315+72 TO STA 1316+72	188					TURN AROUND AREA
STA 1314+55					115	HOUSING ENTRANCE
(TL-B)						
STA 1018+24 TO STA 1019+76	440					
STA 1022+23 TO STA 1024+30	598					
WATER STREET(WATER-E)						
STA 50+17 TO STA 51+38.1	704					
STA 51+15 TO STA 52+33			195			
STA 50+52 TO STA 51+05				1600	1600	
WATER(WATER-W)						
		50				
PARK-1						
STA 10+00 TO STA 10+28			36			PARKING LOT
STA 10+53 TO STA 11+70			140			PARKING LOT
TOTALS	6375	715	558	1600	1715	

DETOUR ROUTE SIGN SCHEDULE

SIGN ID NO.	DESCRIPTION	NUMBER REQUIRED EACH	SIGN SIZE	SIGN PANEL TYPE 1 SQ FT	SIGN PANEL TYPE 2 SQ FT
M4-9R	DETOUR	23	24" x 12"	46	
M1-I100	13	23	24" x 24"	92	
M1-I100	154	23	24" x 24"	92	
M5-1R		2	21" x 15"	4.4	
M5-1L		2	21" x 15"	4.4	
M6-1		8	21" x 15"	17.5	
M6-2		2	21" x 15"	4.4	
M6-2L		1	21"x15"	2.3	
M6-1L		9	21" x 15"	19.7	
M6-3		1	21" x 15"	2.3	
W20-2	DETOUR AHEAD	5	48" x 48"		80
TOTALS				285	80

SOME SIGNS FROM STAGE 2 WILL BE USED FOR STAGE 3

EARTHWORK SCHEDULE

LOCATION STATION TO STATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
NORTH LEG-CL200				
STA 200+00 TO STA 203+75	147	110	1134	-1024
SOUTH LEG-CL400				
STA 400+00 TO STA 404+00	1036	777	514	263
EAST LEG-CL600				
STA 600+00 TO STA 603+75	399	299	732	-433
ROUNDAABOUT				
STA 800+00 TO STA 803+75	199	149	811	-662
TOTALS	1781	1336	3191	-1855

25% Shrinkage Factor for Earth Excavation

PCC PAVEMENT SCHEDULE

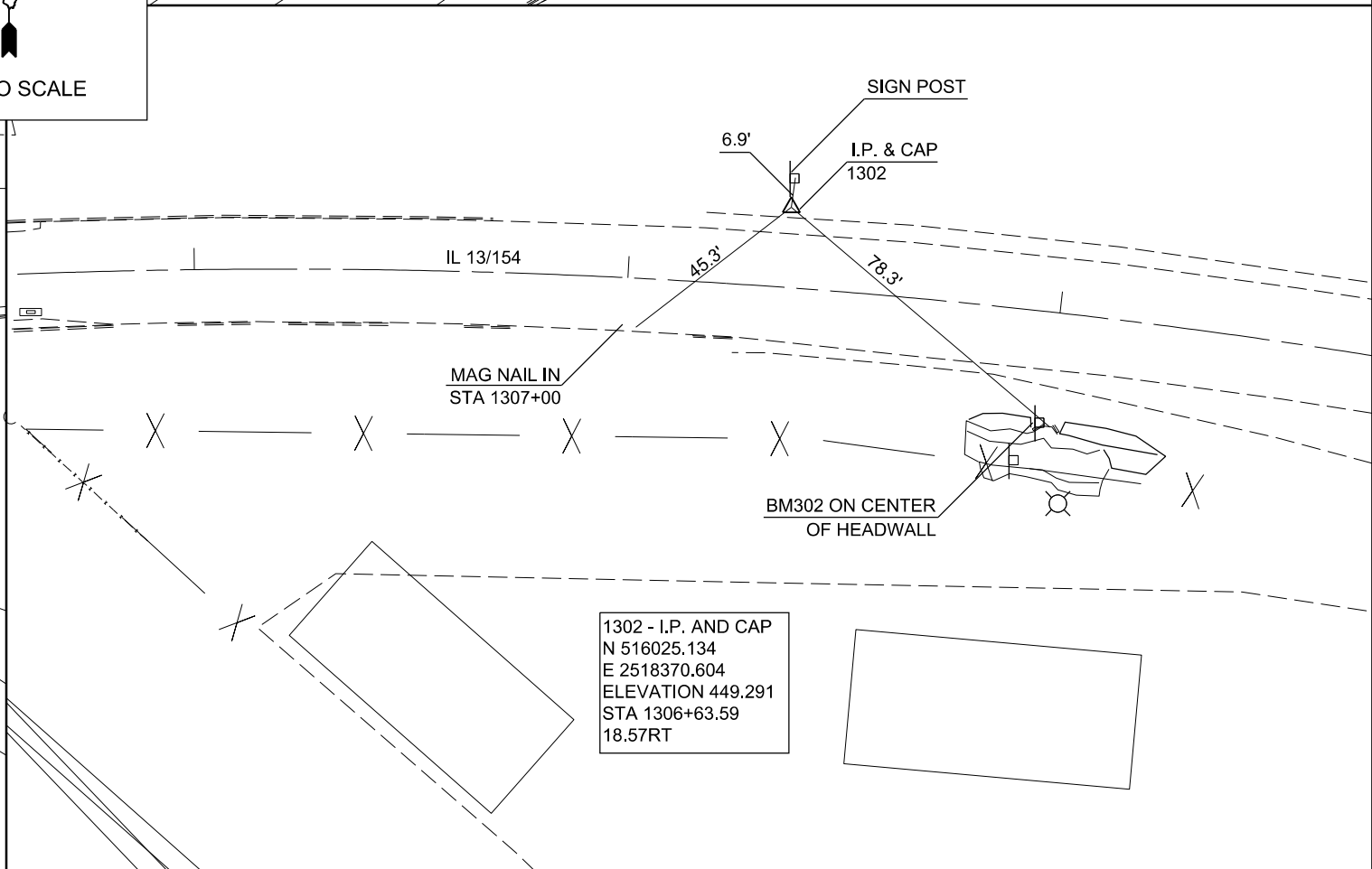
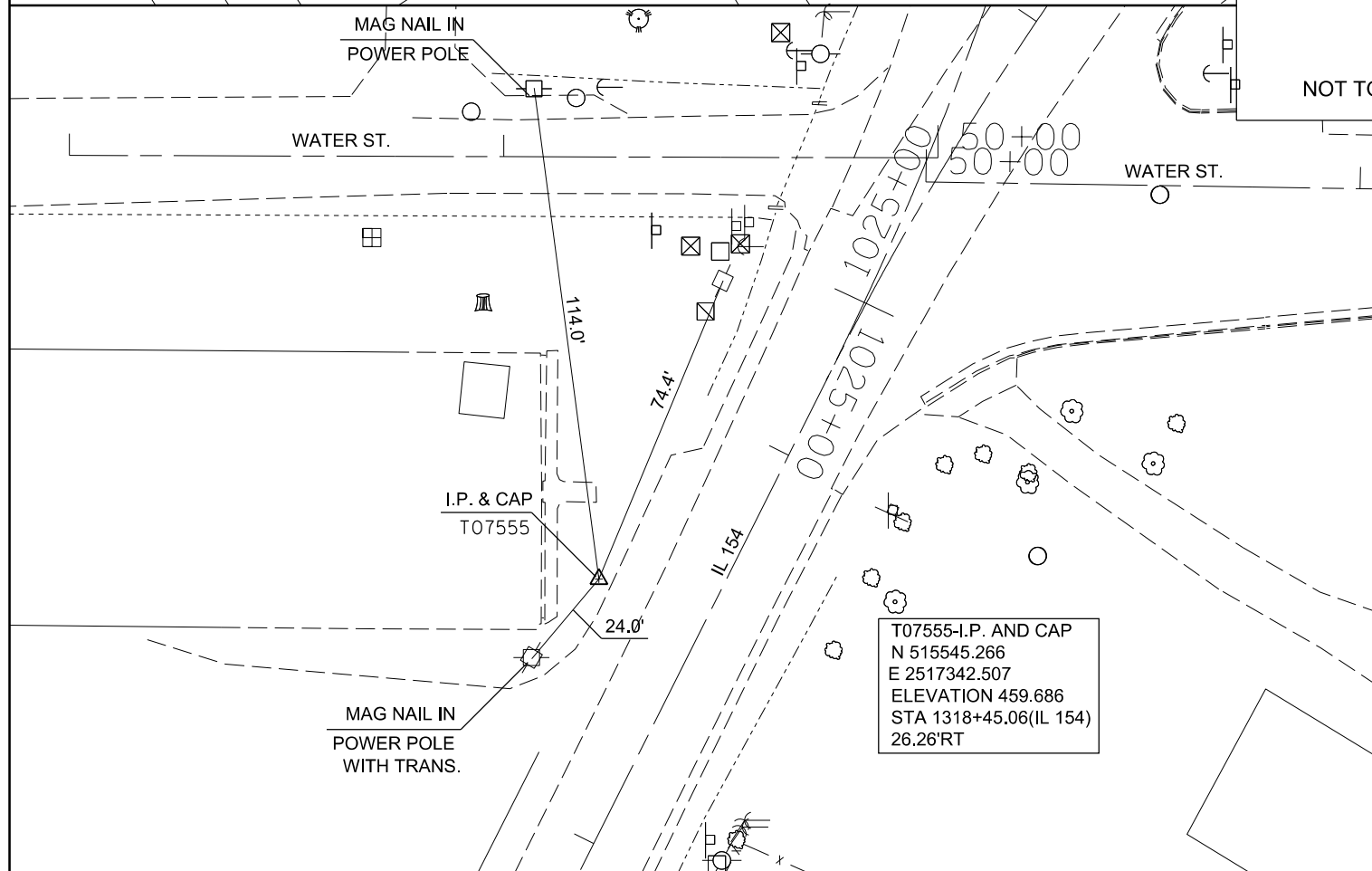
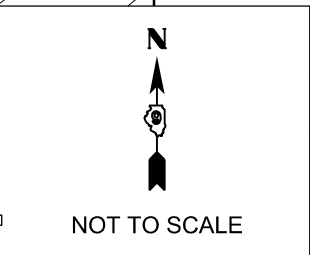
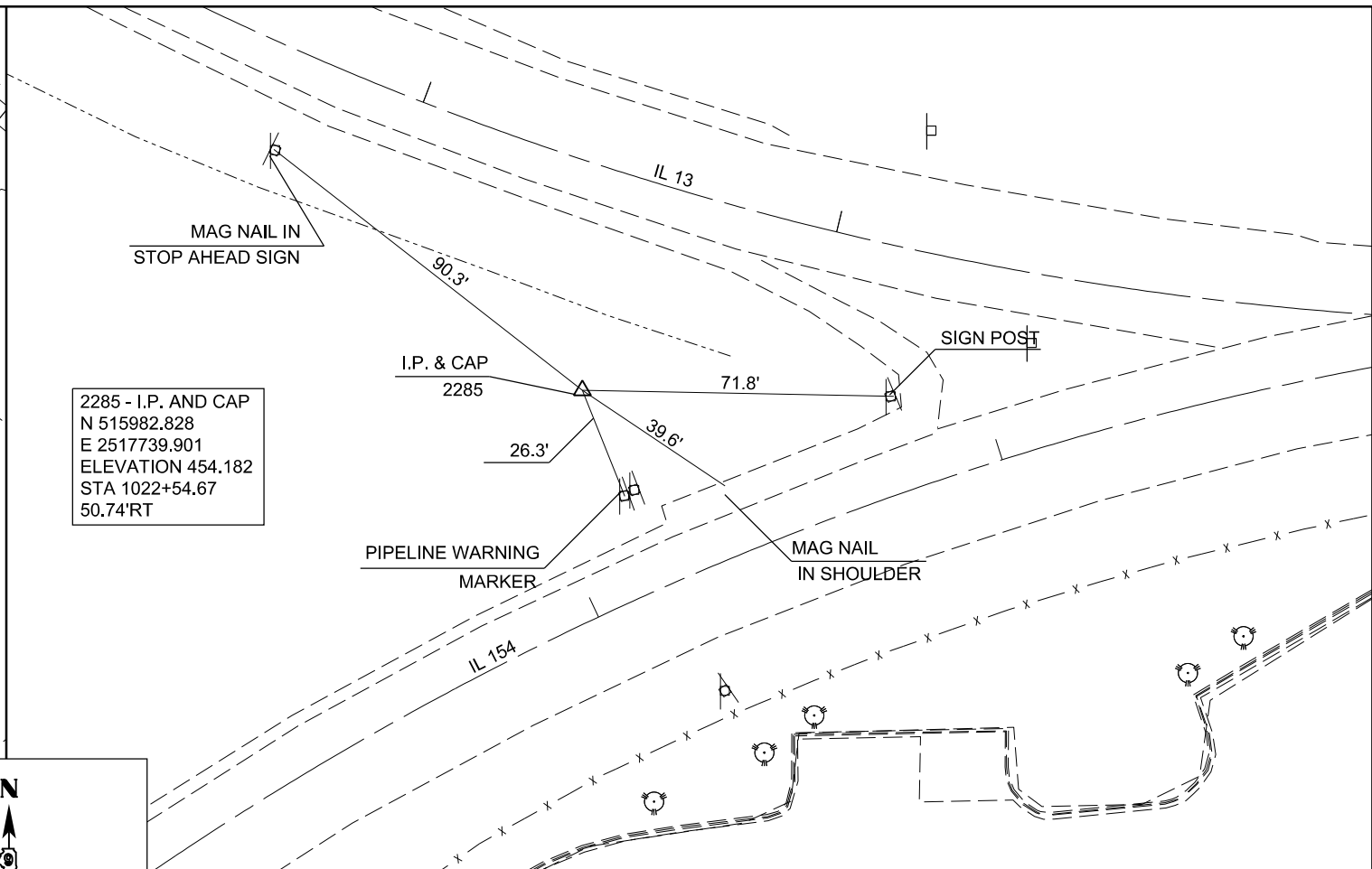
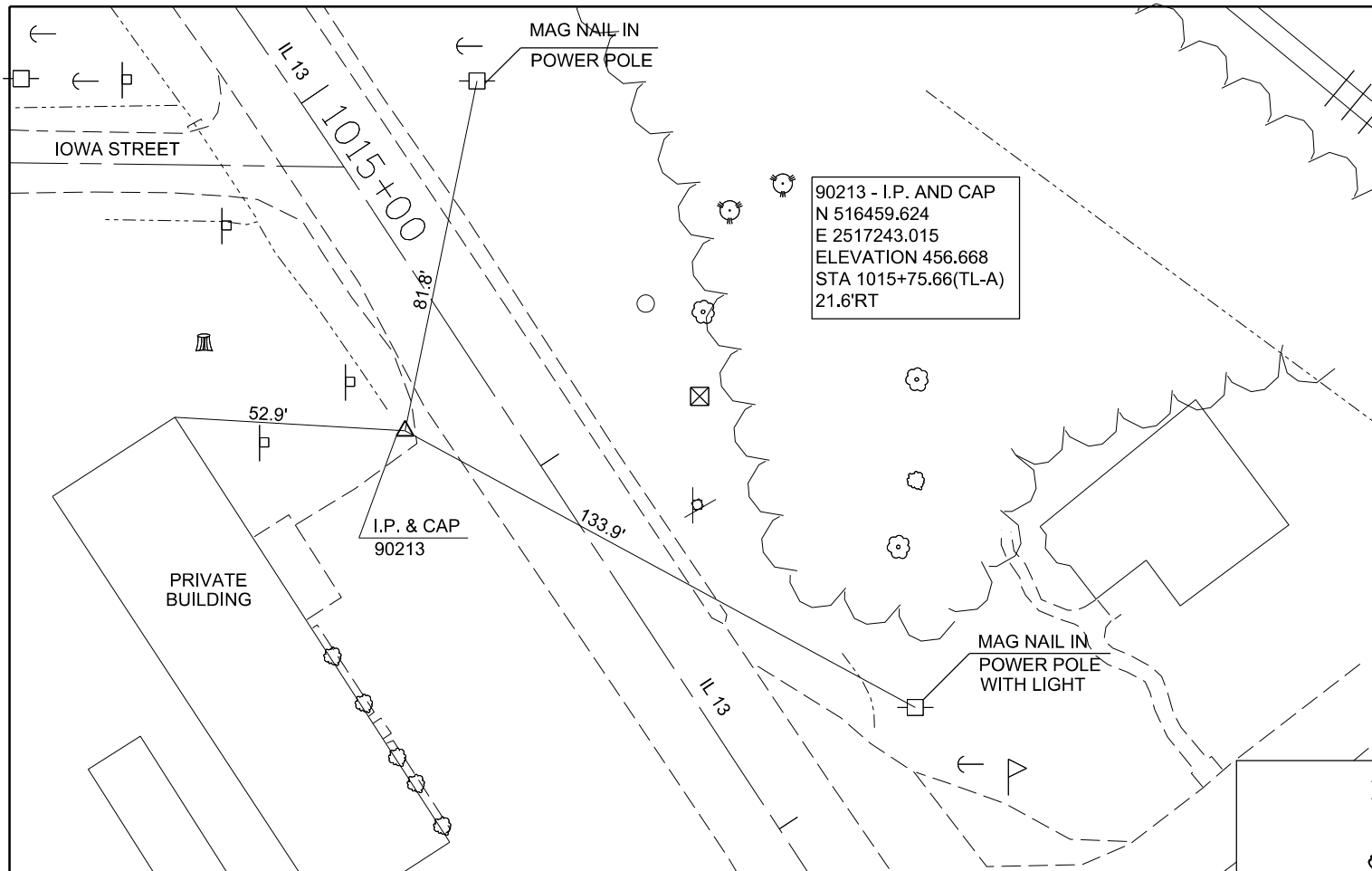
LOCATION STATION TO STATION	PCC PAVEMENT 9" (JOINTED)	STAMPED COLORED PCC PAVEMENT, 9" (JOINTED)	STAMPED COLORED PCC MEDIAN SURFACE, 4"	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	STABILIZED SUBBASE, 4"	PROTECTIVE COAT	PCC DRIVEWAY PAVEMENT, 7"	PCC SIDEWALK, 5"	REMARKS
	SQ YD	SQ YD	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	
CL100										
STA 101+37.1 TO STA 102+51.5			846				94			SPLITTER ISLAND
STA 101+37.1 TO STA 102+51.5	206				206	206	206			
CL200										
STA 202+51.6 TO STA 203+54.6	195				195	195	195			
CL300										
STA 300+38.8 TO STA 302+53.2			846				94			SPLITTER ISLAND
STA 301+38.8 TO STA 302+53.2	232				232	232	232			
CL400										
STA 402+51.3 TO STA 403+54.3	253				253	253	253			
CL500										
STA 501+35.9 TO STA 502+50.3			846				94			SPLITTER ISLAND
STA 501+35.9 TO STA 502+50.3	232				232	232	232			
CL600										
STA 602+51.9 TO STA 603+54.9	251				251	251	251			
CL700										
STA 700+00 TO STA 702+19.4			2480				276			CENTER ISLAND
STA 700+00 TO STA 702+19.4		789			789	789	789			TRUCK APRON
CL800										
STA 800+00 TO STA 803+89.06	893				893	893	893			ROUNDAABOUT LANE
WCURB										
STA 1200+21 TO STA 1201+33		16			60	60	16			TRUCK BIB
STA 1200+70 TO STA 1202+54								1100		
ECURB										
STA 1402+02 TO STA 1403+16		17			60	60	17			TRUCK BIB
STA 1400+82 TO STA 1405+74								2330		
STA 1406+03 TO STA 1406+54								245		
NCURB										
STA 1600+21 TO STA 1601+33		16			60	60	16			TRUCK BIB
WATER-E										
STA 50+13.3 TO STA 51+38.1	579				579	579	579			QUADRANT
PARK1										
STA 10+53 TO STA 12+26				362			362	362		
TOTALS	2841	838	5018	362	3810	3810	4599	362	3675	

HMA AND SHOULDER SCHEDULE

LOCATION STATION TO STATION	HMA BINDER COURSE, IL-19.0, N90	POLYMERIZED HMA SC. MIX "C", N90	AGGREGATE SHOULDERS, TYPE B	HMA SHOULDERS, 8"	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	BIT. MAT. (PRIME COAT)	TEMPORARY RAMP	REMARKS
	TON	TON	TON	SQ YD	SQ YD	POUND	SQ YD	
TL-A								
STA 1015+30 TO STA 1017+40.5		64	24	188			13.5	
CL200								
STA 200+00 TO STA 200+38			94	212				LEFT/ RIGHT SHOULDER
STA 200+00 TO STA 202+51.6	456	89			1020	1065		
TEMPORARY PAVEMENT (TEMPORARY TRANSITION)	39							STAGE 2
CL400								
STA 400+51.2 TO STA 402+51.2	383	74			740	900	18.5	
STA 400+64.8 TO STA 402+30.8				74				LEFT SHOULDER ONLY
CL600								
STA 600+00 TO STA 602+51.8	440	89			951	1065	13.5	
TEMPORARY PAVEMENT (GORE)	82							STAGE 1
WATER-W								
STA 49+60 TO STA 49+80		6					11.5	
TEMPORARY PAVEMENT (ISLAND)	110							STAGE 1
TOTALS								
	1510	322	118	474	2711	3030	57	

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION STATION TO STATION	SEEDING, CLASS 1B	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMP. EROSION CONTROL SEEDING	INLET AND PIPE PROTECTION	TEMPORARY DITCH CHECK	STONE RIP-RAP, CLASS A4	REMARKS
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	POUND	EACH	FOOT	SQ YD	
CL100													
STA 100+00 TO STA 103+25	0.10	0.10	12	12	12	0.20	0.20		30				RIGHT
CL200													
STA 202+75 85' LT										1			
CL400													
STA 400+50 TO STA 402+27	0.10	0.10	12	12	12	0.20	0.20		30				LEFT
CL600													
STA 600+00 TO STA 602+38	0.10	0.10	12	12	12	0.20	0.20		30				LEFT
STA 600+00 TO STA 602+38	0.25	0.25	30	30	30	0.50	0.50		75				RIGHT
ECURB													
STA 1400+00 TO STA 1406+55	0.50	0.50	60	60	60	1.00	1.00		150				LEFT
STA 1400+00 TO STA 1405+52								370					PROPOSED DITCH
STA 1400+10											15		
STA 1400+85											15		
STA 1401+65											15		
STA 1402+55											15		
STA 1403+55											15		
STA 1404+45											15		
NCURB													
STA 1600+00 TO STA 1603+35	0.50	0.50	60	60	60	1.00	1.00		150				RIGHT
STA 1603+35												3	CURB OUTLET
WCURB													
STA 1200+00 TO STA 1203+41	0.20	0.20	24	24	24	0.40	0.40		60				RIGHT
STA 1200+00												3	CURB OUTLET
STA 1203+41												3	CURB OUTLET
PARK1													
STA 10+75												3	CURB OUTLET
STA 11+69												3	CURB OUTLET
TOTALS	1.75	1.75	210	210	210	3.5	3.5	370	525	1	90	15	



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TIE POINTS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 29
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

CL200

PROP. CURVE CL200-1
 PI STA. = 201+82.26
 $\Delta = 9^\circ 45' 20''$ (LT)
 D = 7° 09' 43"
 R = 800.00'
 T = 68.27'
 L = 136.21'
 E = 2.91'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 201+13.99
 P.T. STA = 202+50.20

PROP. CURVE CL200-3
 PI STA. = 203+13.51
 $\Delta = 45^\circ 19' 50''$ (RT)
 D = 52° 05' 13"
 R = 110.00'
 T = 45.94'
 L = 87.03'
 E = 9.21'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 202+67.58
 P.T. STA = 203+54.61

PROP. CURVE CL200-2
 PI STA. = 202+58.89
 $\Delta = 1^\circ 14' 06''$ (LT)
 D = 7° 06' 31"
 R = 806.00'
 T = 8.69'
 L = 17.37'
 E = 0.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 202+50.20
 P.T. STA = 202+67.58

CL300

PROP. CURVE CL300-1
 PI STA. = 300+69.57
 $\Delta = 9^\circ 56' 23''$ (LT)
 D = 7° 09' 43"
 R = 800.00'
 T = 69.57'
 L = 138.79'
 E = 3.02'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 300+00.00
 P.T. STA = 301+38.79

PROP. CURVE CL300-2
 PI STA. = 301+96.07
 $\Delta = 8^\circ 11' 27''$ (LT)
 D = 7° 09' 43"
 R = 800.00'
 T = 57.28'
 L = 114.36'
 E = 2.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 301+38.79
 P.T. STA = 302+53.15

CL100

PROP. CURVE CL100-1
 PI STA. = 100+68.72
 $\Delta = 9^\circ 49' 10''$ (LT)
 D = 7° 09' 43"
 R = 800.00'
 T = 68.72'
 L = 137.10'
 E = 2.95'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 100+00.00
 P.T. STA = 101+37.10

PROP. CURVE CL100-2
 PI STA. = 101+94.38
 $\Delta = 8^\circ 11' 27''$ (LT)
 D = 7° 09' 43"
 R = 800.00'
 T = 57.28'
 L = 114.36'
 E = 2.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 101+37.10
 P.T. STA = 102+51.47

CL600

PROP. CURVE CL600-1
 PI STA. = 601+83.83
 $\Delta = 9^\circ 41' 44''$ (LT)
 D = 7° 06' 31"
 R = 806.00'
 T = 68.36'
 L = 136.39'
 E = 2.89'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 601+15.48
 P.T. STA = 602+51.87

PROP. CURVE CL600-2
 PI STA. = 602+59.85
 $\Delta = 1^\circ 08' 06''$ (LT)
 D = 7° 06' 31"
 R = 805.99'
 T = 7.98'
 L = 15.97'
 E = 0.04'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 602+51.87
 P.T. STA = 602+67.83

PROP. CURVE CL600-3
 PI STA. = 603+13.77
 $\Delta = 45^\circ 19' 50''$ (RT)
 D = 52° 05' 13"
 R = 110.00'
 T = 45.94'
 L = 87.03'
 E = 9.21'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 602+67.83
 P.T. STA = 603+54.86

CL500

PROP. CURVE CL500-1
 PI STA. = 500+68.11
 $\Delta = 9^\circ 43' 55''$ (LT)
 D = 7° 09' 43"
 R = 800.00'
 T = 68.11'
 L = 135.88'
 E = 2.89'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 500+00.00
 P.T. STA = 501+35.88

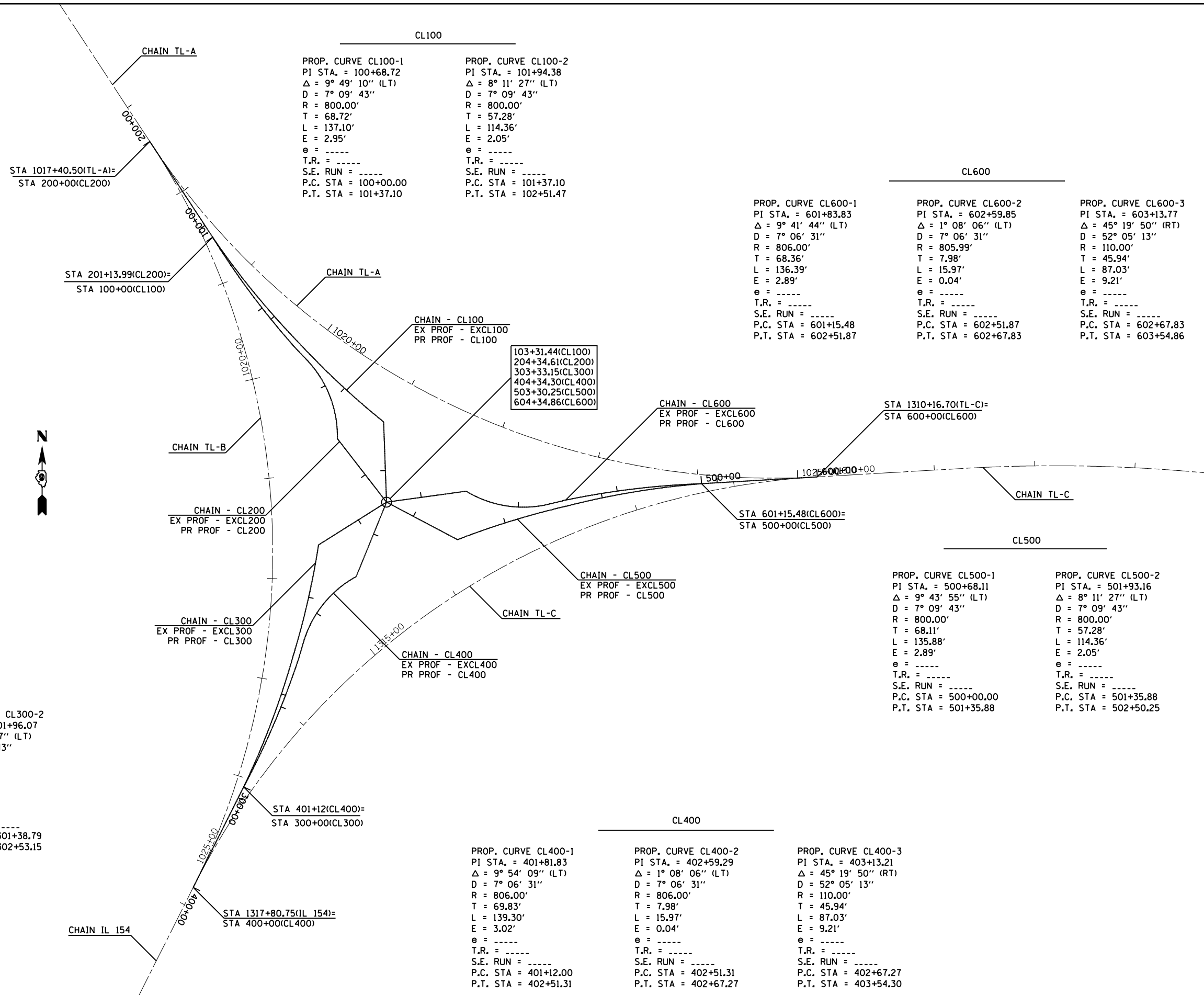
PROP. CURVE CL500-2
 PI STA. = 501+93.16
 $\Delta = 8^\circ 11' 27''$ (LT)
 D = 7° 09' 43"
 R = 800.00'
 T = 57.28'
 L = 114.36'
 E = 2.05'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 501+35.88
 P.T. STA = 502+50.25

CL400

PROP. CURVE CL400-1
 PI STA. = 401+81.83
 $\Delta = 9^\circ 54' 09''$ (LT)
 D = 7° 06' 31"
 R = 806.00'
 T = 69.83'
 L = 139.30'
 E = 3.02'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 401+12.00
 P.T. STA = 402+51.31

PROP. CURVE CL400-2
 PI STA. = 402+59.29
 $\Delta = 1^\circ 08' 06''$ (LT)
 D = 7° 06' 31"
 R = 806.00'
 T = 7.98'
 L = 15.97'
 E = 0.04'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 402+51.31
 P.T. STA = 402+67.27

PROP. CURVE CL400-3
 PI STA. = 403+13.21
 $\Delta = 45^\circ 19' 50''$ (RT)
 D = 52° 05' 13"
 R = 110.00'
 T = 45.94'
 L = 87.03'
 E = 9.21'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA = 402+67.27
 P.T. STA = 403+54.30



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOPAK ELEMENTS IDENTIFICATION SHEET			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\greenleesm\d0370321\78398-shtb-tyg_sch_ties_geopakelements.dgn		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	127	30
\$MODELNAME\$		CHECKED -	REVISED -									CONTRACT NO. 78398	
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

CL700/CL800

PROP. CURVE CL700-1
PI STA. = 700+00.25
Δ = 359° 10' 53" (LT)
D = 163° 42' 08"
R = 35.00'
T = 0.25'
L = 219.41'
E = 70.00'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 700+00.00
P.T. STA = 702+19.41

PROP. CURVE CL800-1
PI STA. = 800+00.25
Δ = 359° 32' 17" (LT)
D = 92° 24' 45"
R = 62.00'
T = 0.25'
L = 389.06'
E = 124.00'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 800+00.00
P.T. STA = 803+89.06

PROP. CURVE NCURB-1
PI STA. = 1600+06.86
Δ = 0° 57' 38" (LT)
D = 7° 00' 16"
R = 818.00'
T = 6.86'
L = 13.71'
E = 0.03'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1600+00.00
P.T. STA = 1600+13.71

PROP. CURVE NCURB-2
PI STA. = 1600+15.54
Δ = 0° 15' 22" (LT)
D = 7° 00' 16"
R = 818.00'
T = 1.83'
L = 3.66'
E = 0.00'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1600+13.71
P.T. STA = 1600+17.37

PROP. CURVE NCURB-3
PI STA. = 1600+86.19
Δ = 64° 03' 46" (RT)
D = 52° 05' 13"
R = 110.00'
T = 68.82'
L = 122.99'
E = 19.75'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1600+17.37
P.T. STA = 1601+40.36

PROP. CURVE NCURB-4
PI STA. = 1601+51.80
Δ = 16° 16' 00" (LT)
D = 71° 37' 11"
R = 80.00'
T = 11.43'
L = 22.71'
E = 0.81'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1601+40.36
P.T. STA = 1601+63.08

PROP. CURVE NCURB-5
PI STA. = 1602+49.67
Δ = 12° 21' 23" (RT)
D = 7° 09' 43"
R = 800.00'
T = 86.60'
L = 172.53'
E = 4.67'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1601+63.08
P.T. STA = 1603+35.60

NCURB

PROP. CURVE TRUCK1-1
PI STA. = 12+78.71
Δ = 55° 22' 28" (RT)
D = 38° 11' 50"
R = 150.00'
T = 78.71'
L = 144.97'
E = 19.40'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 12+00.00
P.T. STA. = 13+44.97

PROP. CURVE TRUCK2-1
PI STA. = 14+82.43
Δ = 57° 34' 42" (RT)
D = 38° 11' 50"
R = 150.00'
T = 82.43'
L = 150.74'
E = 21.16'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 14+00.00
P.T. STA. = 15+50.74

PROP. CURVE TRUCK3-1
PI STA. = 16+78.68
Δ = 55° 21' 32" (RT)
D = 38° 11' 50"
R = 150.00'
T = 78.68'
L = 144.93'
E = 19.38'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 16+00.00
P.T. STA. = 17+44.93

TRUCK BIBS

WCURB

PROP. CURVE WCURB-1
PI STA. = 1200+06.17
Δ = 0° 52' 13" (LT)
D = 7° 03' 22"
R = 812.00'
T = 6.17'
L = 12.33'
E = 0.02'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1200+00.00
P.T. STA = 1200+12.33

PROP. CURVE WCURB-2
PI STA. = 1200+14.87
Δ = 0° 21' 22" (LT)
D = 7° 00' 16"
R = 818.00'
T = 2.54'
L = 5.08'
E = 0.00'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1200+12.33
P.T. STA = 1200+17.42

PROP. CURVE WCURB-3
PI STA. = 1200+86.24
Δ = 64° 03' 46" (RT)
D = 52° 05' 13"
R = 110.00'
T = 68.82'
L = 122.99'
E = 19.75'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1200+17.42
P.T. STA = 1201+40.41

PROP. CURVE WCURB-4
PI STA. = 1201+51.93
Δ = 16° 23' 50" (LT)
D = 71° 37' 11"
R = 80.00'
T = 11.53'
L = 22.89'
E = 0.83'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1201+40.41
P.T. STA = 1201+63.30

PROP. CURVE WCURB-5
PI STA. = 1202+52.72
Δ = 12° 45' 20" (RT)
D = 7° 09' 43"
R = 800.00'
T = 89.42'
L = 178.10'
E = 4.98'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1201+63.30
P.T. STA = 1203+41.41

ECURB

PROP. CURVE ECURB-1
PI STA. = 1400+86.55
Δ = 12° 20' 56" (LT)
D = 7° 09' 43"
R = 800.00'
T = 86.55'
L = 172.42'
E = 4.67'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1400+00.00
P.T. STA = 1401+72.42

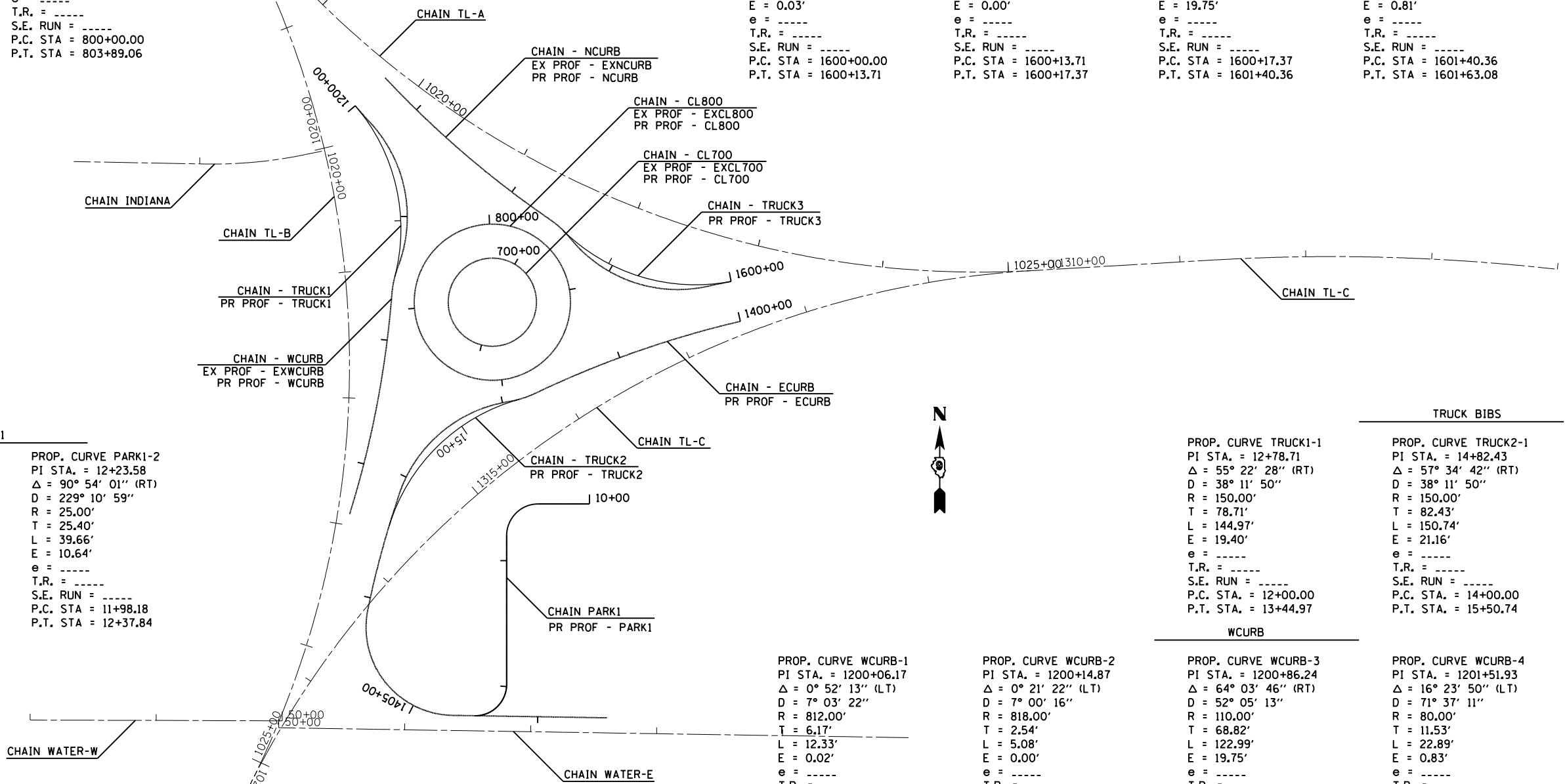
PROP. CURVE ECURB-2
PI STA. = 1401+83.91
Δ = 16° 20' 12" (RT)
D = 71° 37' 11"
R = 80.00'
T = 11.48'
L = 22.81'
E = 0.82'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1401+72.42
P.T. STA = 1401+95.23

PROP. CURVE ECURB-3
PI STA. = 1402+64.05
Δ = 64° 03' 46" (LT)
D = 52° 05' 13"
R = 110.00'
T = 68.82'
L = 122.99'
E = 19.75'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1401+95.23
P.T. STA = 1403+18.23

PROP. CURVE ECURB-4
PI STA. = 1403+20.79
Δ = 0° 21' 23" (RT)
D = 6° 56' 51"
R = 824.70'
T = 2.56'
L = 5.13'
E = 0.00'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1403+18.23
P.T. STA = 1403+23.35

PROP. CURVE ECURB-5
PI STA. = 1403+66.57
Δ = 6° 46' 33" (LT)
D = 7° 50' 55"
R = 730.00'
T = 43.22'
L = 86.33'
E = 1.28'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1403+23.35
P.T. STA = 1404+09.68

PROP. CURVE ECURB-6
PI STA. = 1404+94.09
Δ = 100° 39' 43" (LT)
D = 81° 51' 04"
R = 70.00'
T = 84.41'
L = 122.98'
E = 39.66'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1404+09.68
P.T. STA = 1405+32.67



PROP. CURVE PARK1-1
PI STA. = 10+65.74
Δ = 90° 00' 00" (LT)
D = 229° 10' 59"
R = 25.00'
T = 25.00'
L = 39.27'
E = 10.36'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 10+40.74
P.T. STA = 10+80.01

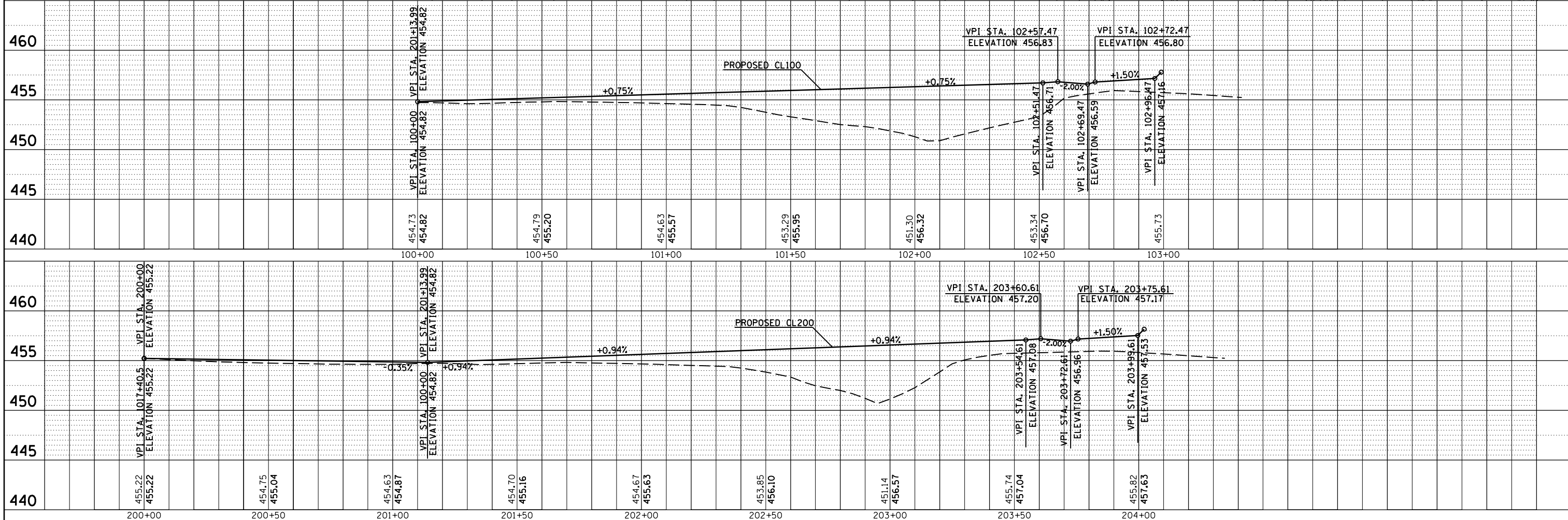
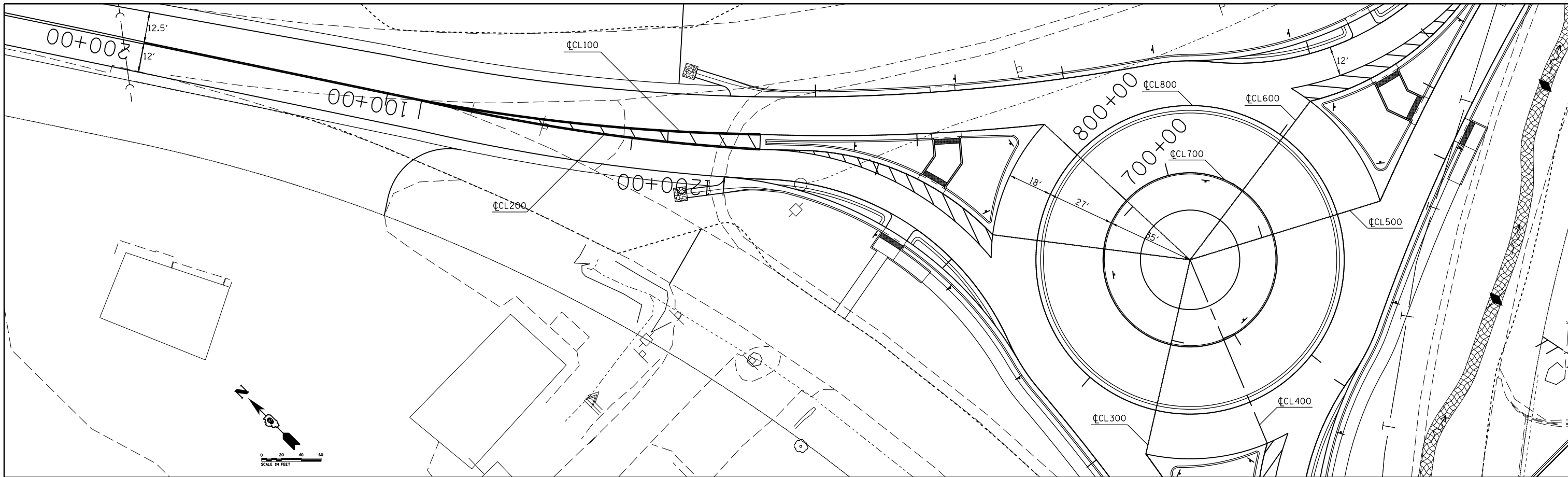
PROP. CURVE PARK1-2
PI STA. = 12+23.58
Δ = 90° 54' 01" (RT)
D = 229° 10' 59"
R = 25.00'
T = 25.40'
L = 39.66'
E = 10.64'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 11+98.18
P.T. STA = 12+37.84

PARK1

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOPAK ELEMENTS IDENTIFICATION SHEET	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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\$MODELNAME\$	PLOT DATE = 3/27/2015	CHECKED -	REVISED -			CONTRACT NO. 78398					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	ALIGNED	BY
	NOTED	
	CHECKED	
	FILED	
	NO.	

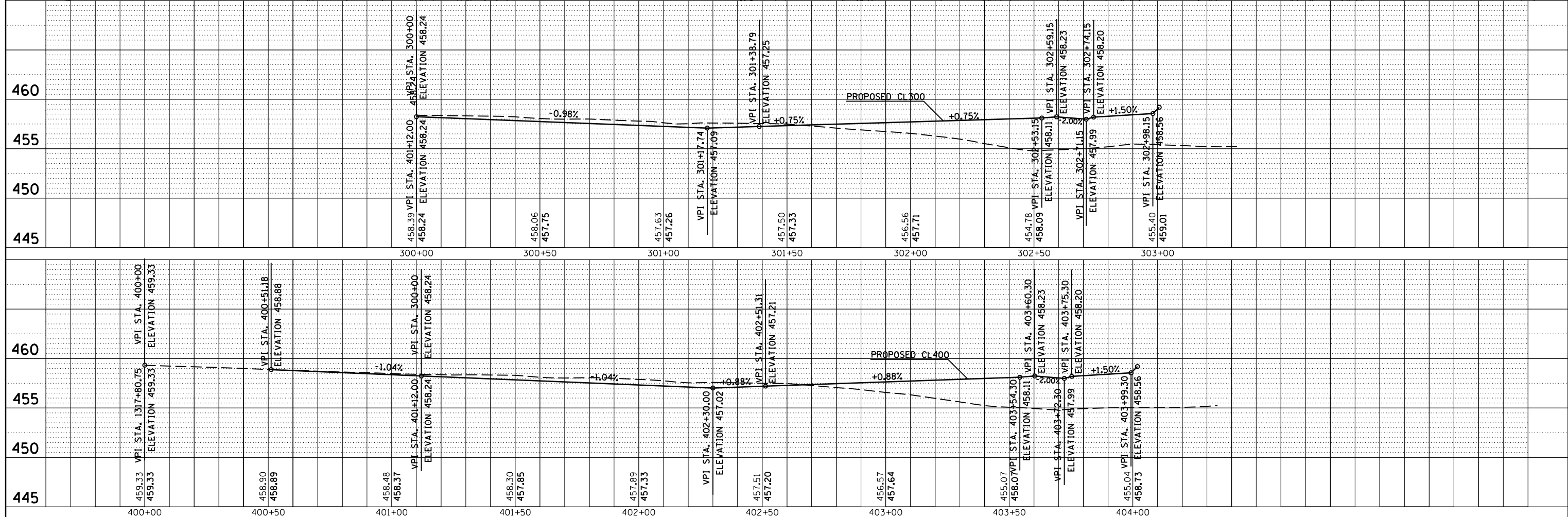
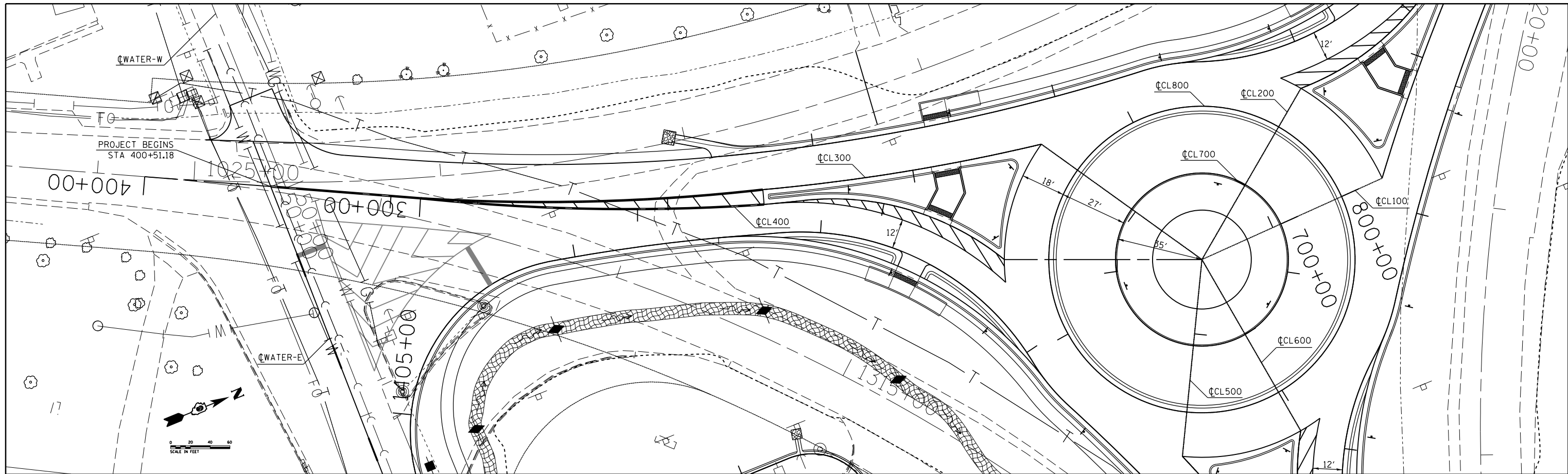
PROFILE	SURVEYED	DATE
	GRADES	BY
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPWD	
	NO.	



FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN PROFILE CL100 / CL200	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\greenlees\103321\78398-shc-plnpr.f.dgn	plnpr	CHECKED -	REVISED -			103/329	(103,17)N-1	PERRY	127	32	
MODELNAME		DRAWN -	REVISED -			CONTRACT NO. 78398					
		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT					

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

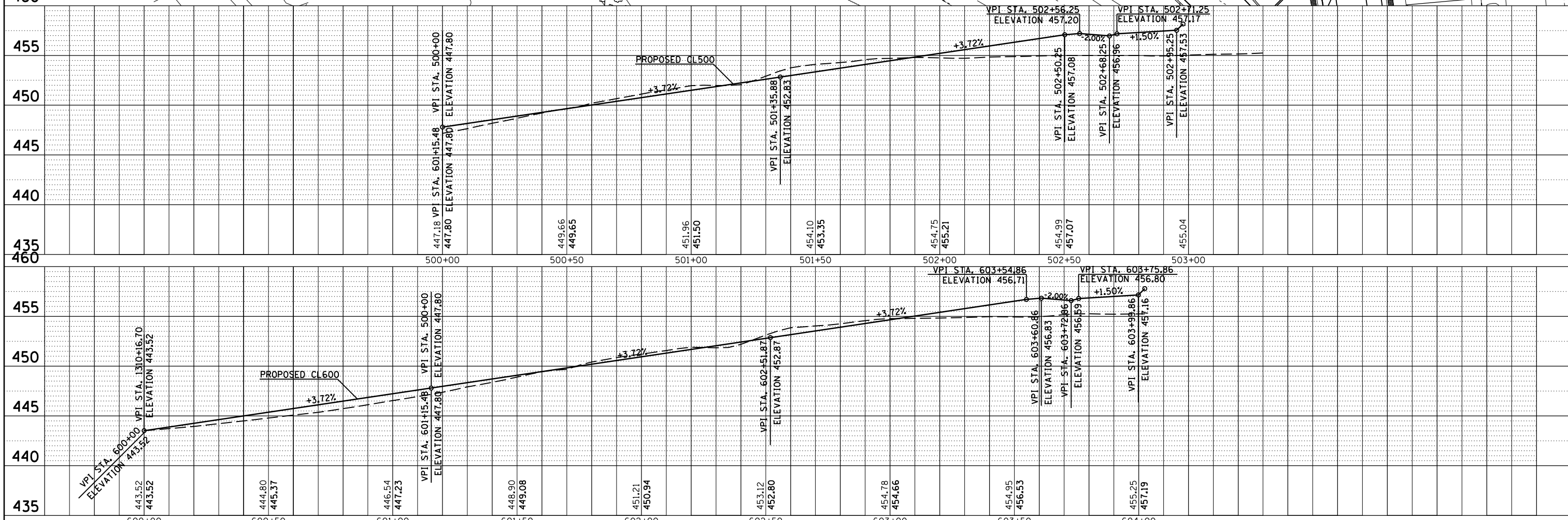
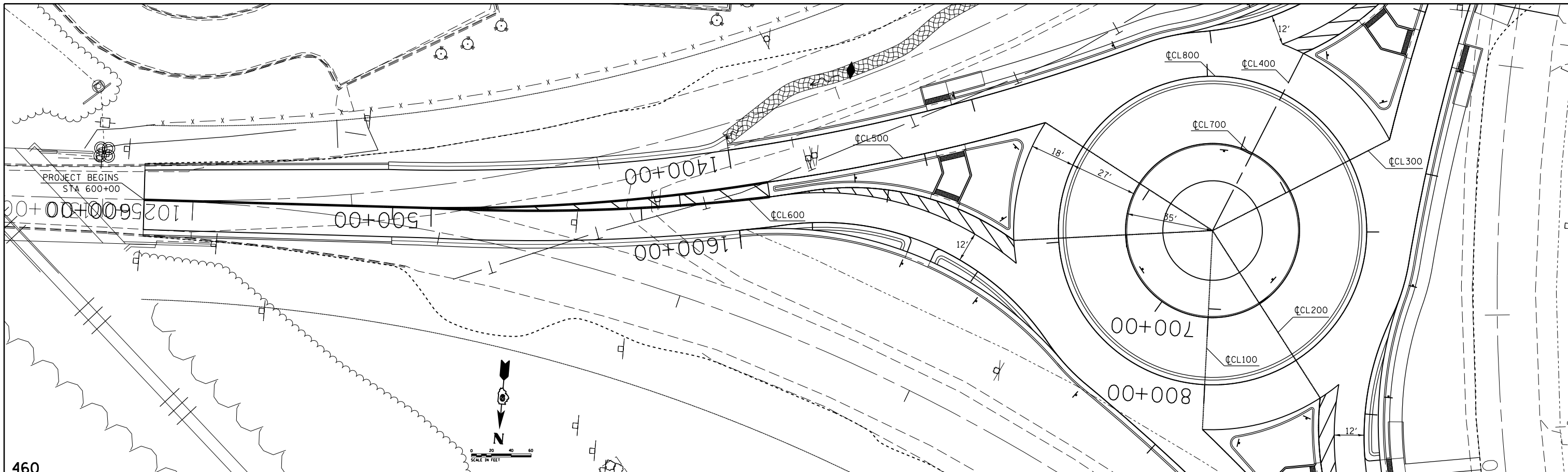
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	PLOTTED		
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	STRUCTURE		
	NOTATIONS		
	CPWD		
	NO.		



FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN PROFILE CL300 / CL400	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME§		DRAWN -	REVISED -			CONTRACT NO. 78398				
		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NOTE BOOK	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPWD	
	NO. _____	
	NOTE BOOK	
	CARD FILE NAME	



FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN PROFILE CL500 / CL600	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME		DRAWN -	REVISED -			CONTRACT NO. 78398				
		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT				
		PLOT SCALE = 40.0000' / in.		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
		PLOT DATE = 3/27/2015								



STA. 1602+87.26 @ 63.85' RT
 MANHOLE, TYPE A 6' DIAMETER
 W/ TYPE 1 FRAME, OPEN LID
 INVERT ELEV. = 446.63
 FLAT TOP SLAB ELEV. = 450.85
 LID ELEV. = 451.60
 CONCRETE COLLAR = 0.81 CU YD

STA. 202+19 @ 7.5' RT
 PLUG EXISTING PIPE

PIPE CULVERT REMOVAL

STA. 803+45.25 @ 20.38' RT
 PIPE USFL ELEV. = 452.33
 STA. 1602+84.45 @ 62.97' RT
 PIPE DSFL ELEV. = 447.06
 STORM SEWERS, CLASS A,
 TYPE 1 15"
 PIPE LENGTH = 136.48'
 PIPE SLOPE = 3.86%

STA. 803+44 @ 19.59' RT
 MANHOLE, TYPE A 4' DIAMETER
 W/ TYPE 3 FRAME AND GRATE
 INVERT ELEV. = 452.14
 FLAT TOP SLAB ELEV. = 455.12

STA. 800+48.70 @ 2.67' LT
 PIPE USFL ELEV. = 454.00
 STA. 803+45.19 @ 2.57' LT
 PIPE DSFL ELEV. = 452.81
 STORM SEWERS, CLASS A,
 TYPE 1 15"
 PIPE LENGTH = 81.0'
 PIPE SLOPE = 1.47%

STA. 803+44.00 @ 0.06' RT
 PIPE USFL ELEV. = 452.61
 STA. 803+44.00 @ 18.06' RT
 PIPE DSFL ELEV. = 452.52
 STORM SEWERS, CLASS A,
 TYPE 1 15"
 PIPE LENGTH = 18.0'
 PIPE SLOPE = 0.44%

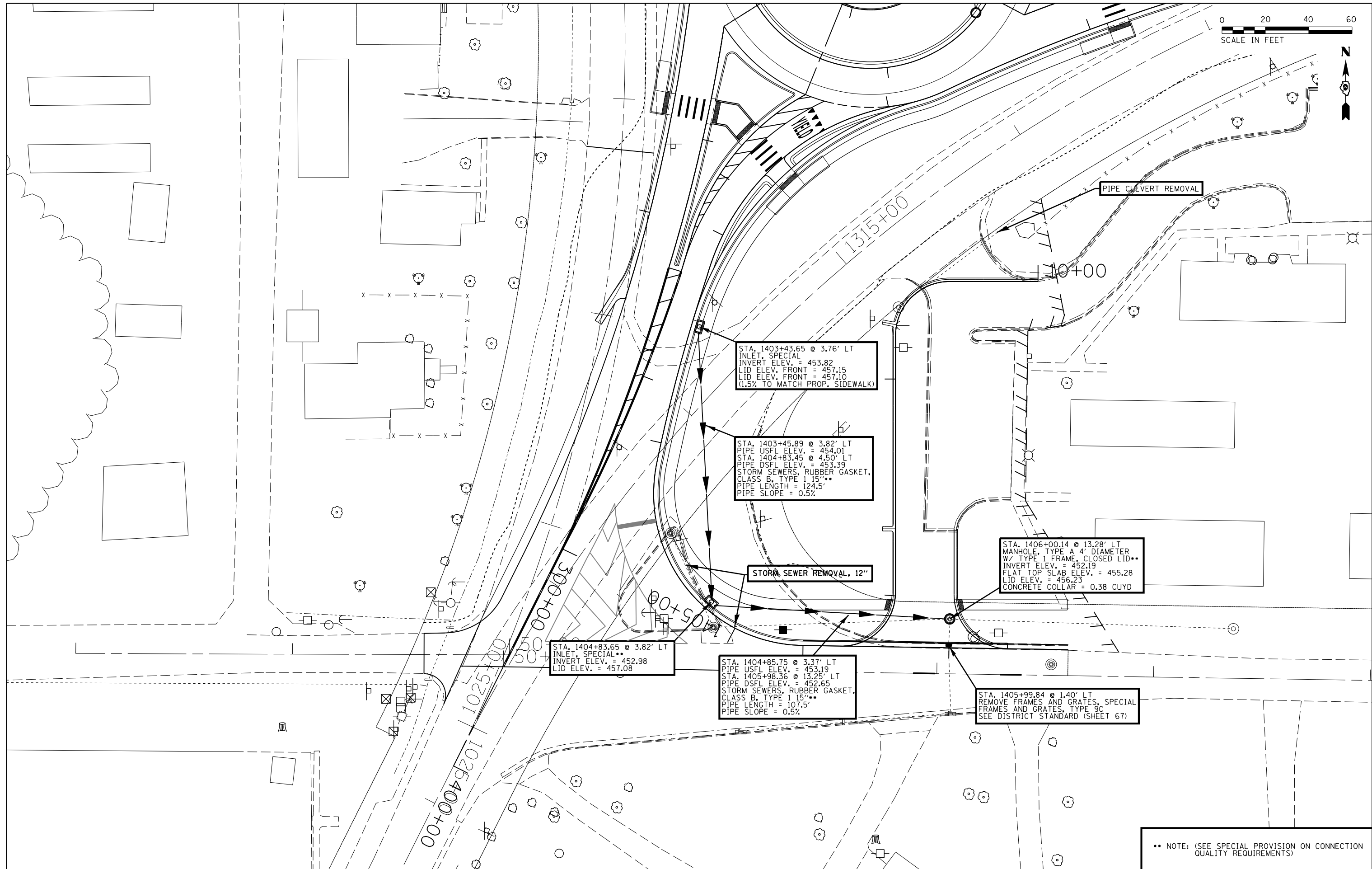
STA. 800+50 @ 1.48' LT
 MANHOLE, TYPE A 4' DIAMETER
 W/ SPECIAL FRAME AND GRATE
 INVERT ELEV. = 453.82
 FLAT TOP SLAB ELEV. = 456.44
 *(NEENAH R-3501-R FRAME AND GRATE
 OR APPROVED EQUAL)

STA. 803+44 @ 1.48' LT
 MANHOLE, TYPE A 4' DIAMETER
 W/ SPECIAL FRAME AND GRATE
 INVERT ELEV. = 452.42
 FLAT TOP SLAB ELEV. = 455.25
 *(NEENAH R-3501-R FRAME AND GRATE
 OR APPROVED EQUAL)

STA. 802+51.29 @ 2.63' LT
 PIPE USFL ELEV. = 453.81
 STA. 803+42.85 @ 2.51' LT
 PIPE DSFL ELEV. = 452.81
 STORM SEWERS, CLASS A,
 TYPE 1 15"
 PIPE LENGTH = 80.0'
 PIPE SLOPE = 1.25%

STA. 802+50 @ 1.48' LT
 MANHOLE, TYPE A 4' DIAMETER
 W/ SPECIAL FRAME AND GRATE
 INVERT ELEV. = 453.62
 FLAT TOP SLAB ELEV. = 456.43
 *(NEENAH R-3501-R FRAME AND GRATE
 OR APPROVED EQUAL)

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM SEWER PLAN LAYOUT SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78398				
	PLOT DATE = 3/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



** NOTE: (SEE SPECIAL PROVISION ON CONNECTION QUALITY REQUIREMENTS)

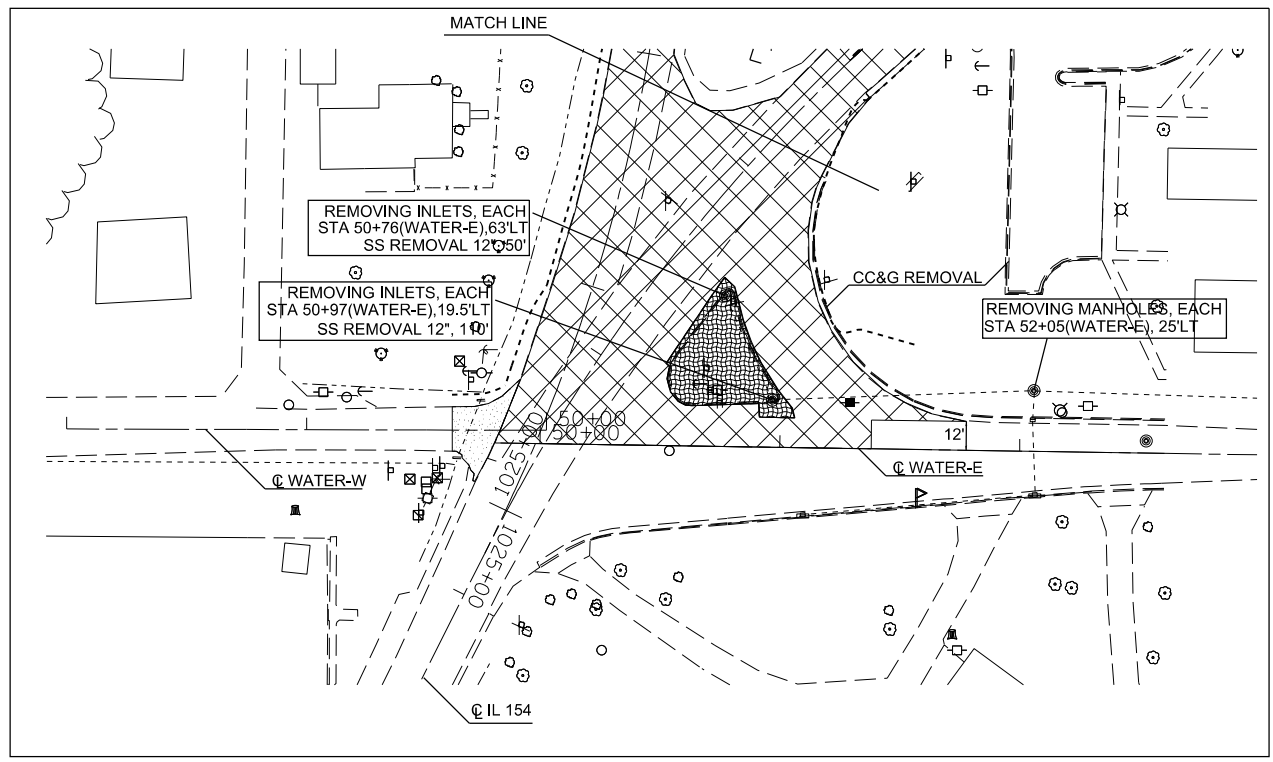
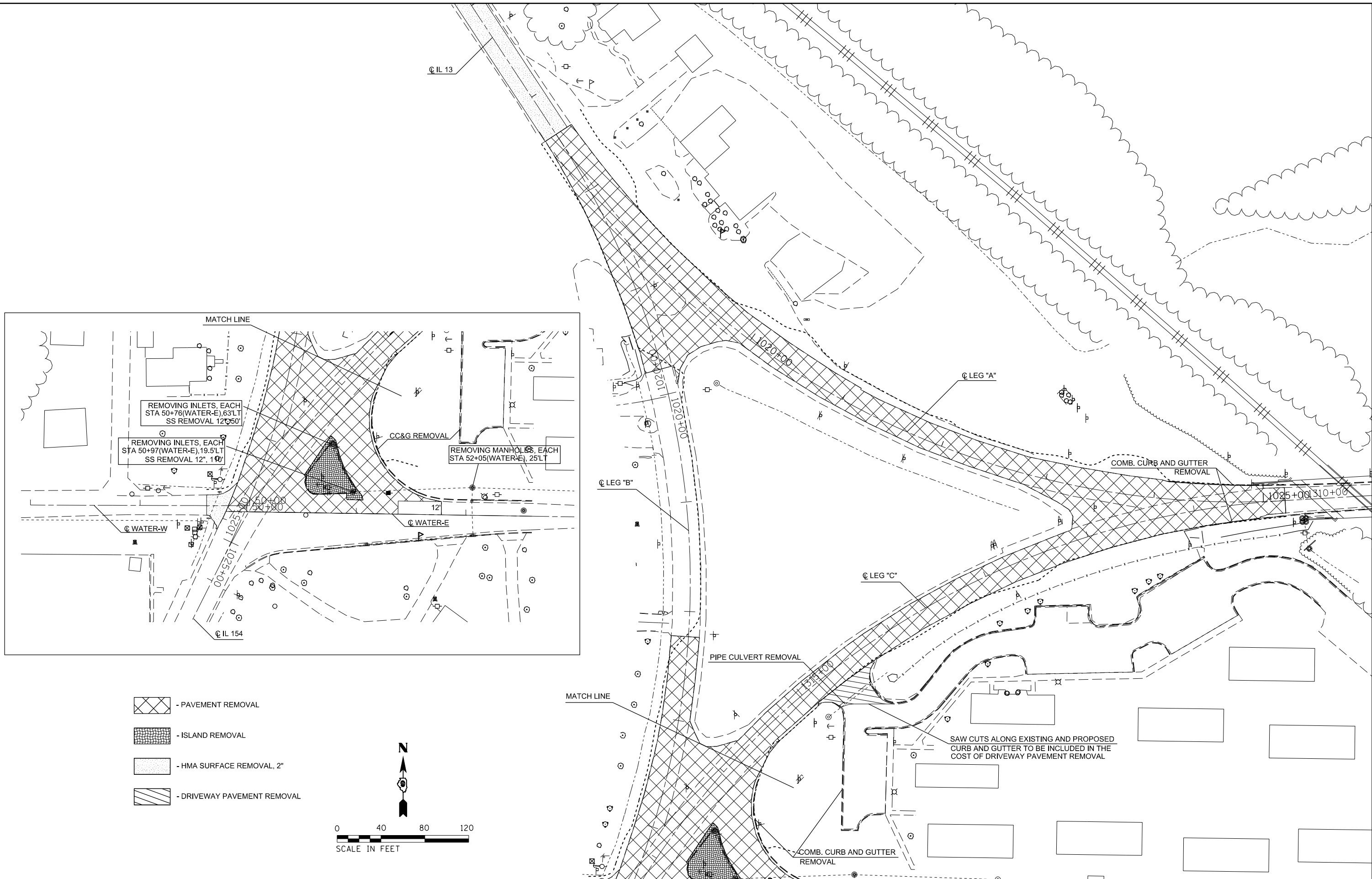
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

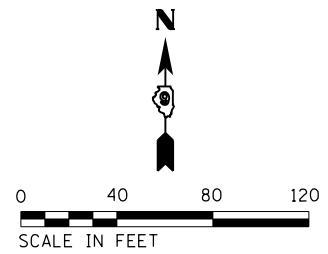
STORM SEWER
PLAN LAYOUT SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	37
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



- PAVEMENT REMOVAL
- ISLAND REMOVAL
- HMA SURFACE REMOVAL, 2"
- DRIVEWAY PAVEMENT REMOVAL



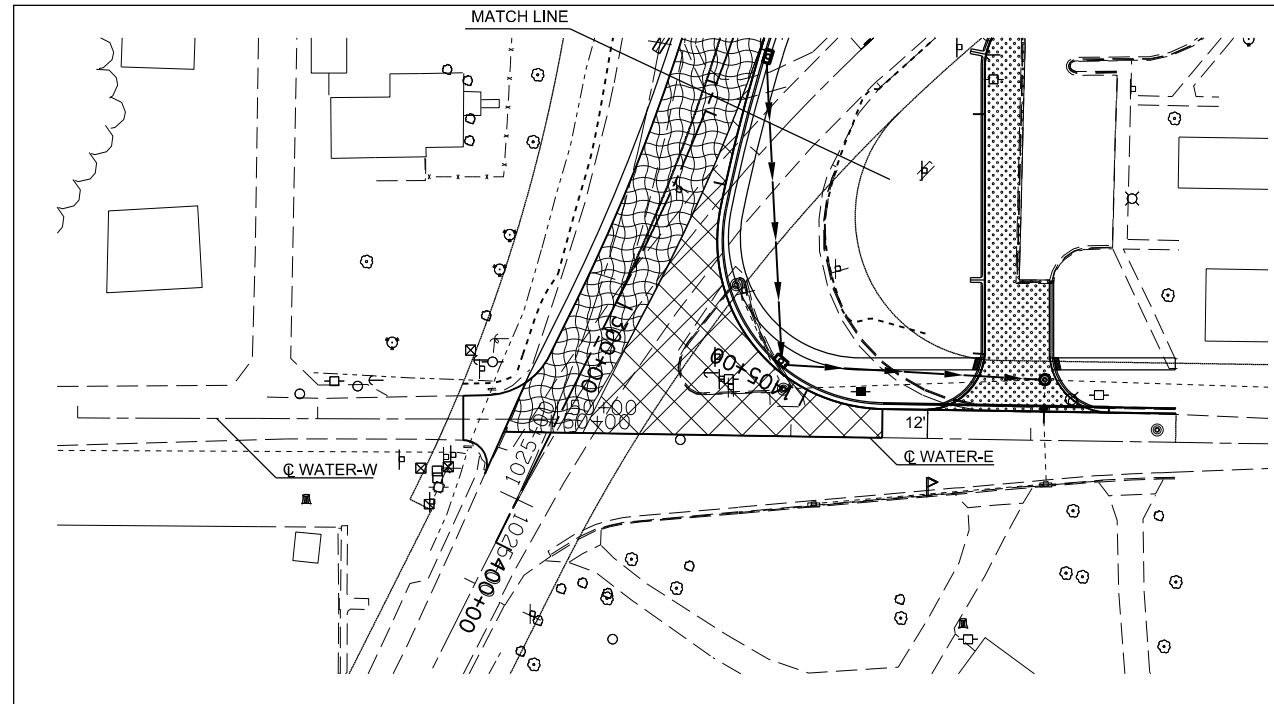
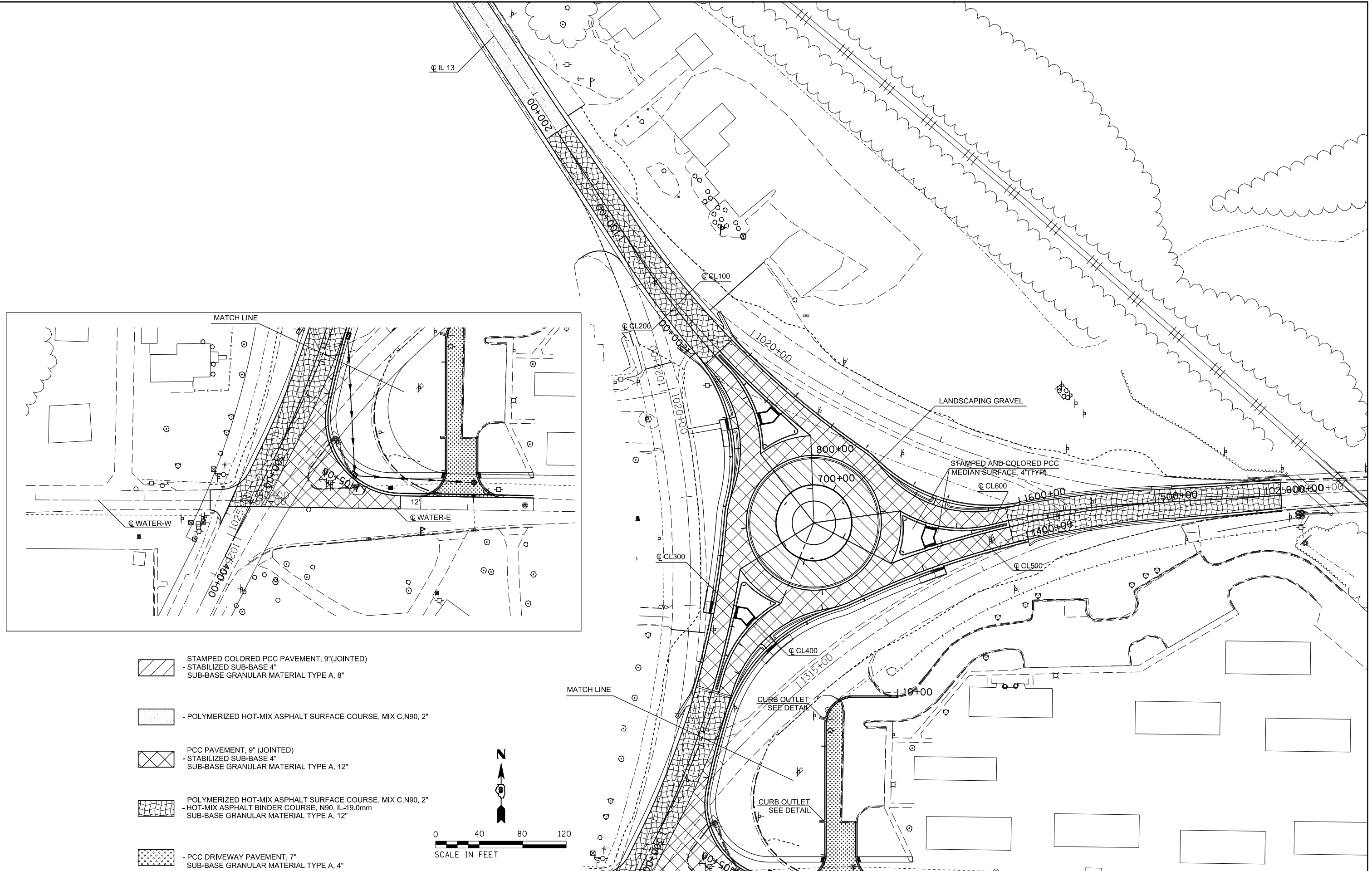
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

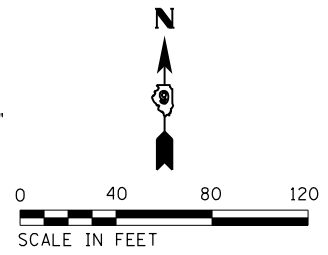
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 103/329	SECTION (103.17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 38
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

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		DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/27/2015		



- STAMPED COLORED PCC PAVEMENT, 9" (JOINTED)
 - STABILIZED SUB-BASE 4"
 SUB-BASE GRANULAR MATERIAL TYPE A, 8"
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX C,N90, 2"
- PCC PAVEMENT, 9" (JOINTED)
 - STABILIZED SUB-BASE 4"
 SUB-BASE GRANULAR MATERIAL TYPE A, 12"
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX C,N90, 2"
 - HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0mm
 SUB-BASE GRANULAR MATERIAL TYPE A, 12"
- PCC DRIVEWAY PAVEMENT, 7"
 SUB-BASE GRANULAR MATERIAL TYPE A, 4"



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

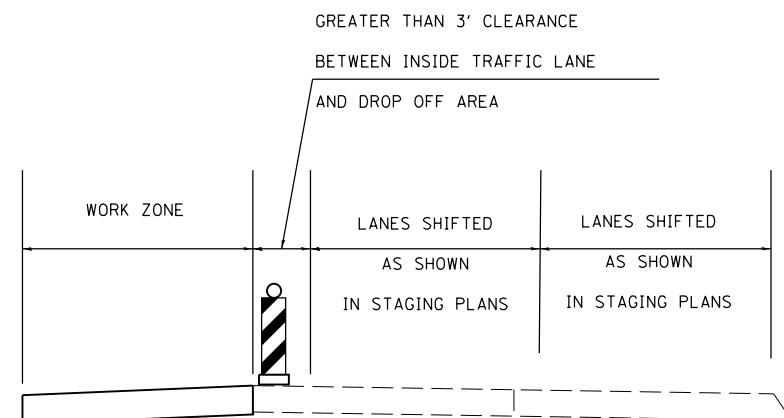
F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 39
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

STAGING GENERAL NOTES:

1. ALL TRAFFIC CONTROL FOR WORK SHOWN IN STAGING PLAN SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL.
2. THE UTILITY POLE LOCATED IN THE ISLAND OF THE NORTH QUADRANT OF WATER STREET SHALL BE RELOCATED PRIOR TO STAGE 1 TRAFFIC SHIFT, AS WELL AS THE REMOVAL OF SAID ISLAND AND CONSTRUCTING ALL TEMPORARY PAVEMENT SHOWN IN STAGE 1 CONSTRUCTION.
3. CONSTRUCTION OF SOUTH ENTRANCE FROM WATER STREET TO THE PARKING LOT SHALL BE COMPLETED BEFORE REMOVING NORTH ENTRANCE TO PARKING LOT.
4. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
5. CONFLICTING PAVEMENT MARKING SHALL BE COVERED WITH TYPE III TEMPORARY TAPE, BLACK.
6. SEE SPECIAL PROVISIONS FOR LANE RENTALS, CLOSURE DURATIONS, ALLOTMENTS AND DETAILS.
7. WHEN PAVEMENT DROP-OFF IS TO REMAIN ADJACENT TO A LIVE TRAFFIC LANE BARRICADES WITH PIPE EXTENSIONS SHALL BE USED TO ACHIEVE THE CORRECT ELEVATION. REFER TO DROP OFF PROTECTION CHART.

DROP-OFF PROTECTION BETWEEN TRAVEL LANE AND SHOULDER / EDGE OF PAVEMENT FIG 55.2B FROM CHAPTER 55 (BDE MANUAL, 2010)

DROP-OFF LOCATION	NORMAL POSTED SPEED	DROP-OFF HEIGHT (X) AND TYPE	TREATMENT REQUIRED
≤ 3 FT ⁽¹⁾⁽²⁾	ALL	≤ 1 IN	NONE
		1 IN < X ≤ 3 IN	LOW SHOULDER SIGNS (2 MILE SPACING)
	< 45 MPH	3 IN < X ≤ 18 IN	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	3 IN < X ≤ 12 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
	< 45 MPH	18 IN < X ≤ 24 IN FOR < 0.5 MILE OR < 48 HOURS ⁽⁴⁾	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	12 IN < X ≤ 18 IN FOR < 0.5 MILE OR < 48 HOURS	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
	≥ 45 MPH	12 IN < X ≤ 24 IN FOR > 0.5 MILE OR > 48 HOURS	CLOSURE USING TEMPORARY TRAFFIC BARRIER
	< 45 MPH	18 IN < X ≤ 24 IN ⁽⁵⁾	CLOSURE USING TEMPORARY TRAFFIC BARRIER
3 FT < X ≤ 8 FT ⁽³⁾	ALL	≤ 1 IN	NONE
		1 IN < X ≤ 3 IN	LOW SHOULDER SIGNS (2 MILE SPACING)
	< 45 MPH	3 IN < X ≤ 24 IN ⁽⁴⁾	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	3 IN < X ≤ 24 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
ALL	24 IN ⁽⁵⁾	CLOSURE USING TEMPORARY TRAFFIC BARRIER	
> 8 FOOT TO THE WORK ZONE CLEAR ZONE ⁽³⁾	< 45 MPH	12 IN < X ≤ 24 IN ⁽⁴⁾	PLACE CHANNELIZING DEVICES AT 50-FT SPACING
	≥ 45 MPH	12 IN < X ≤ 24 IN	PLACE CHANNELIZING DEVICES AT 100-FT SPACING
	ALL	> 24 IN ⁽⁵⁾	CLOSURE USING TEMPORARY TRAFFIC BARRIER



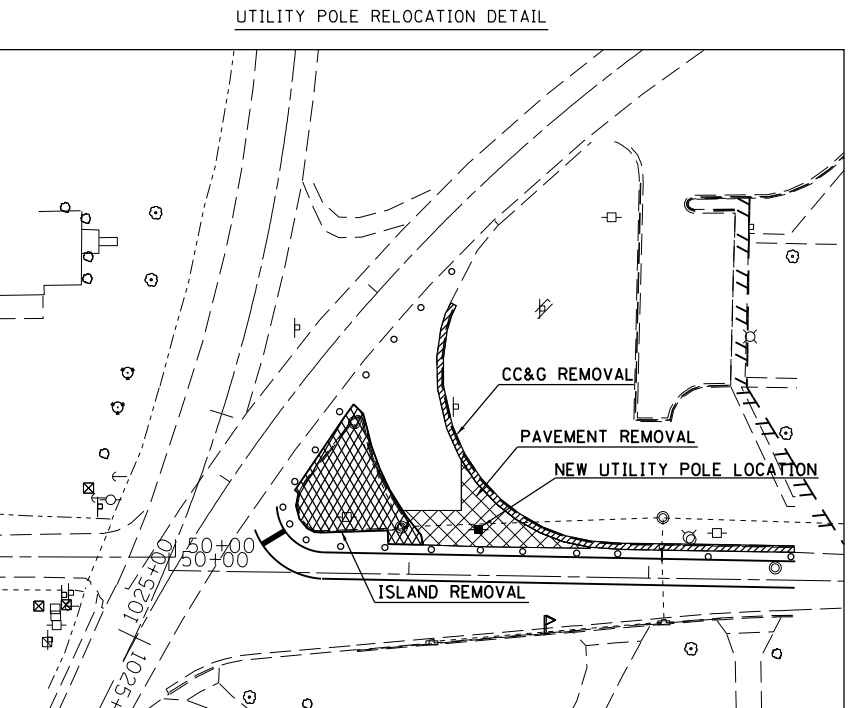
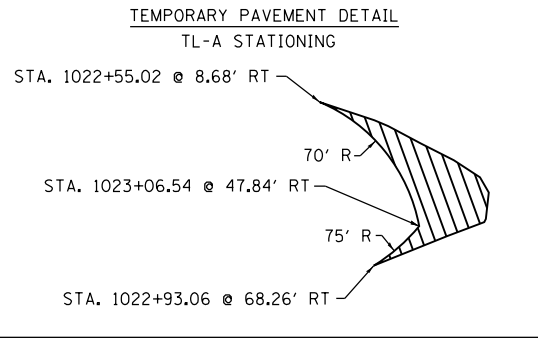
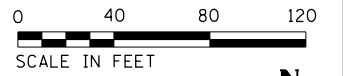
NOTES:

- (1) PLACE CHANNELIZING DEVICES AND/OR TEMPORARY BARRIER AT THE SAME LEVEL AS THE TRAVELING LANE OR SHOULDER PROFILE
- (2) CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS PER **HIGHWAY STANDARD 701901**.
- (3) PLACE CHANNELIZING DEVICES OR TEMPORARY BARRIER AT SAME LEVEL AS THE SIDE SLOPE PROFILE TO BE FULLY VISIBLE.
- (4) LENGTH AND DURATION MAY BE EXCEEDED FOR URBAN AREAS WHEN ENGINEERING JUDGEMENT INDICATES SIGHT DISTANCE WILL BE ADVERSELY AFFECTED BY TEMPORARY BARRIER.
- (5) TEMPORARY TRAFFIC BARRIER MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 24 HOURS FOR MULTILANE, AND MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 96 HOURS PER STAGE FOR TWO LANES, BASED ON ENGINEERING JUDGEMENT.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING GENERAL NOTES SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\greenleesm\d0370321\st	td-stageconstruction.dgn	DRAWN -	REVISED -					103/329	(103,17)N-1	PERRY	127	40
	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78398				
	PLOT DATE = 3/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

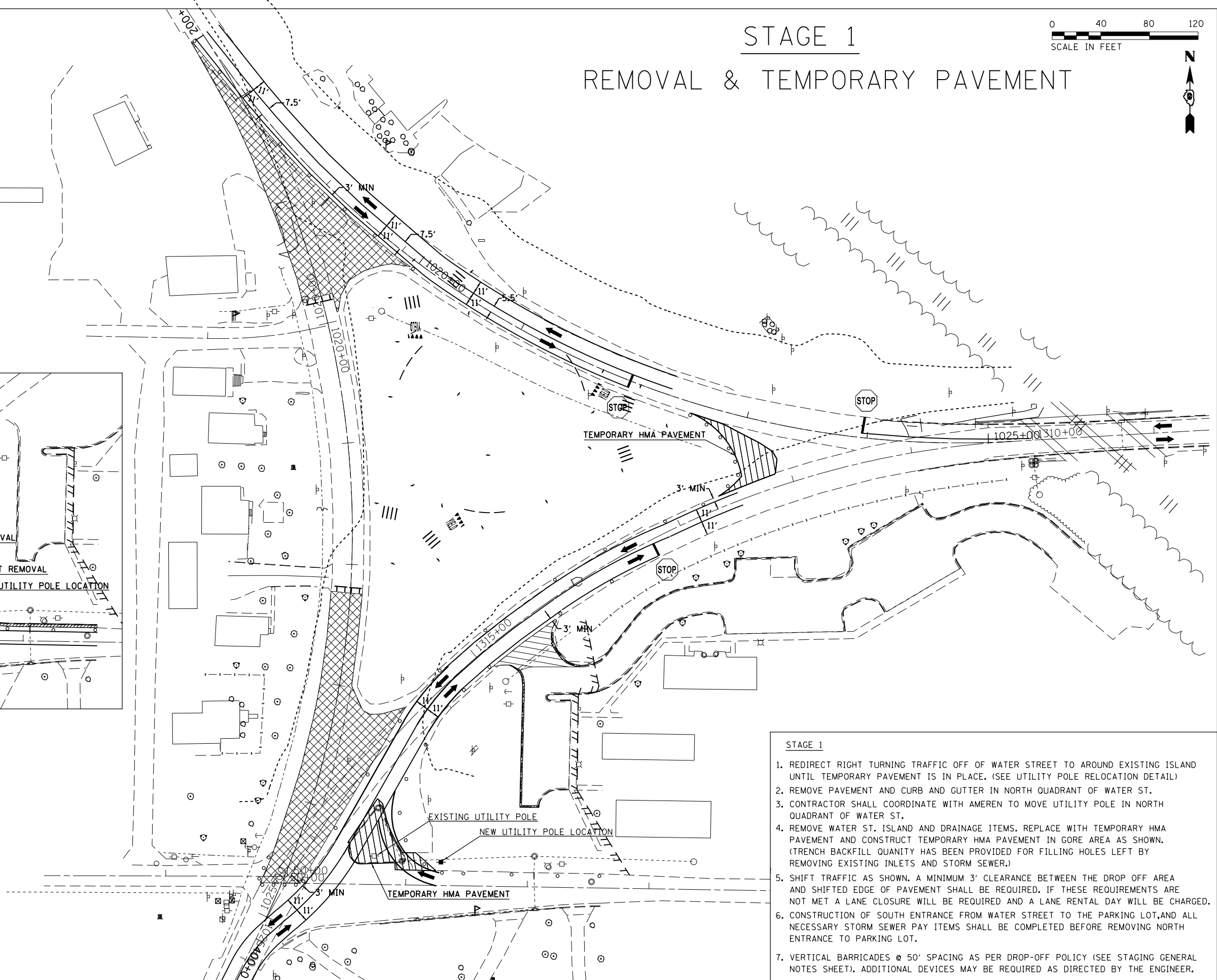
STAGE 1

REMOVAL & TEMPORARY PAVEMENT



LEGEND

	ISLAND REMOVAL
	PAVEMENT REMOVAL
	CURB AND GUTTER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL



- STAGE 1**
- REDIRECT RIGHT TURNING TRAFFIC OFF OF WATER STREET TO AROUND EXISTING ISLAND UNTIL TEMPORARY PAVEMENT IS IN PLACE. (SEE UTILITY POLE RELOCATION DETAIL)
 - REMOVE PAVEMENT AND CURB AND GUTTER IN NORTH QUADRANT OF WATER ST.
 - CONTRACTOR SHALL COORDINATE WITH AMEREN TO MOVE UTILITY POLE IN NORTH QUADRANT OF WATER ST.
 - REMOVE WATER ST. ISLAND AND DRAINAGE ITEMS. REPLACE WITH TEMPORARY HMA PAVEMENT AND CONSTRUCT TEMPORARY HMA PAVEMENT IN GORE AREA AS SHOWN. (TRENCH BACKFILL QUANTITY HAS BEEN PROVIDED FOR FILLING HOLES LEFT BY REMOVING EXISTING INLETS AND STORM SEWER.)
 - SHIFT TRAFFIC AS SHOWN. A MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED. IF THESE REQUIREMENTS ARE NOT MET A LANE CLOSURE WILL BE REQUIRED AND A LANE RENTAL DAY WILL BE CHARGED.
 - CONSTRUCTION OF SOUTH ENTRANCE FROM WATER STREET TO THE PARKING LOT, AND ALL NECESSARY STORM SEWER PAY ITEMS SHALL BE COMPLETED BEFORE REMOVING NORTH ENTRANCE TO PARKING LOT.
 - VERTICAL BARRICADES @ 50' SPACING AS PER DROP-OFF POLICY (SEE STAGING GENERAL NOTES SHEET). ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

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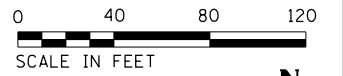
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING SHEET
STAGE 1

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 41
				CONTRACT NO. 78398
ILLINOIS FED. AID PROJECT				





STAGE 1 CONSTRUCTION



INDIANA ST

WATER ST

LEGEND

-  - PCC PAVEMENT, 9" (JOINTED)
STABILIZED SUB-BASE 4"
SUB-BASE GRANULAR MATERIAL, TYPE A 8"
-  - HMA BINDER COURSE N90 1L-19.0mm
SUB-BASE GRANULAR MATERIAL, TYPE A 12"
-  - HOT-MIX ASPHALT SHOULDERS, 8 "
-  - PCC DRIVEWAY PAVEMENT, 7"
SUB-BASE GRANULAR MATERIAL, TYPE A, 4"

NOTE: SEE CONSTRUCTION SHEET & TYPICALS FOR REMAINING PAY ITEMS

- STAGE 1**
1. REDIRECT RIGHT TURNING TRAFFIC OFF OF WATER STREET TO AROUND EXISTING ISLAND UNTIL TEMPORARY PAVEMENT IS IN PLACE. (SEE UTILITY POLE RELOCATION DETAIL)
 2. REMOVE PAVEMENT AND CURB AND GUTTER IN NORTH QUADRANT OF WATER ST.
 3. CONTRACTOR SHALL COORDINATE WITH AMEREN TO MOVE UTILITY POLE IN NORTH QUADRANT OF WATER ST.
 4. REMOVE WATER ST. ISLAND AND DRAINAGE ITEMS. REPLACE WITH TEMPORARY HMA PAVEMENT AND CONSTRUCT TEMPORARY HMA PAVEMENT IN GORE AREA AS SHOWN. (TRENCH BACKFILL QUANTITY HAS BEEN PROVIDED FOR FILLING HOLES LEFT BY REMOVING EXISTING INLETS AND STORM SEWER.)
 5. SHIFT TRAFFIC AS SHOWN. A MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED. IF THESE REQUIREMENTS ARE NOT MET A LANE CLOSURE WILL BE REQUIRED AND A LANE RENTAL DAY WILL BE CHARGED.
 6. CONSTRUCTION OF SOUTH ENTRANCE FROM WATER STREET TO THE PARKING LOT, AND ALL NECESSARY STORM SEWER PAY ITEMS SHALL BE COMPLETED BEFORE REMOVING NORTH ENTRANCE TO PARKING LOT.
 7. VERTICAL BARRICADES @ 50' SPACING AS PER DROP-OFF POLICY (SEE STAGING GENERAL NOTES SHEET). ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

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\$MODELNAME\$	PLOT DATE = 3/27/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

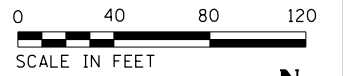
**STAGING SHEET
STAGE 1**

SCALE: SHEET OF SHEETS STA. TO STA.


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				CONTRACT NO. 78398
ILLINOIS FED. AID PROJECT				

STAGE 2 REMOVAL

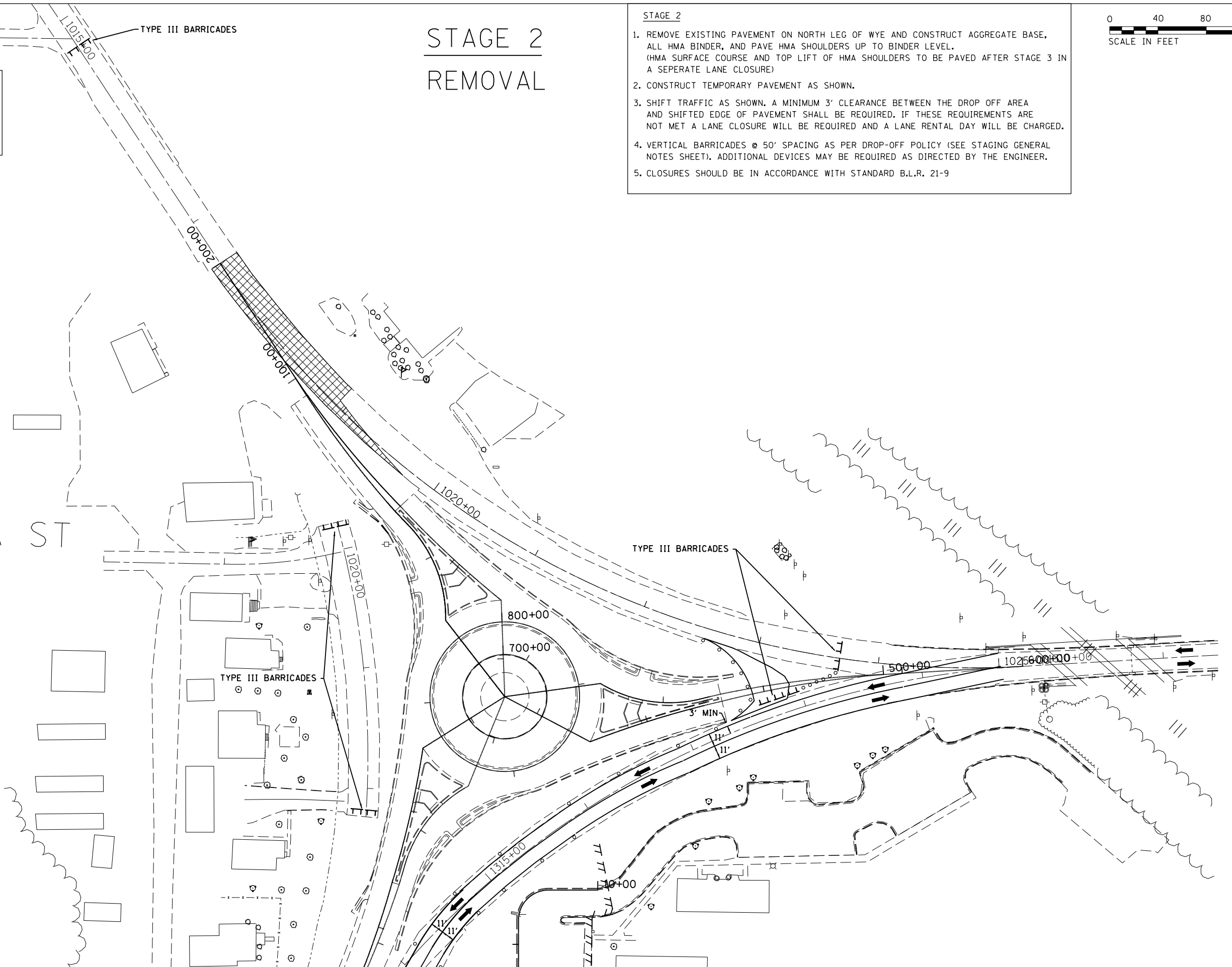
- STAGE 2**
1. REMOVE EXISTING PAVEMENT ON NORTH LEG OF WYE AND CONSTRUCT AGGREGATE BASE, ALL HMA BINDER, AND PAVE HMA SHOULDERS UP TO BINDER LEVEL. (HMA SURFACE COURSE AND TOP LIFT OF HMA SHOULDERS TO BE PAVED AFTER STAGE 3 IN A SEPERATE LANE CLOSURE)
 2. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN.
 3. SHIFT TRAFFIC AS SHOWN. A MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED. IF THESE REQUIREMENTS ARE NOT MET A LANE CLOSURE WILL BE REQUIRED AND A LANE RENTAL DAY WILL BE CHARGED.
 4. VERTICAL BARRICADES @ 50' SPACING AS PER DROP-OFF POLICY (SEE STAGING GENERAL NOTES SHEET). ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 5. CLOSURES SHOULD BE IN ACCORDANCE WITH STANDARD B.L.R. 21-9



LEGEND

 - PAVEMENT REMOVAL

INDIANA ST



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MODELNAME	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING SHEET
STAGE 2

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	43
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

STAGE 2 CONSTRUCTION

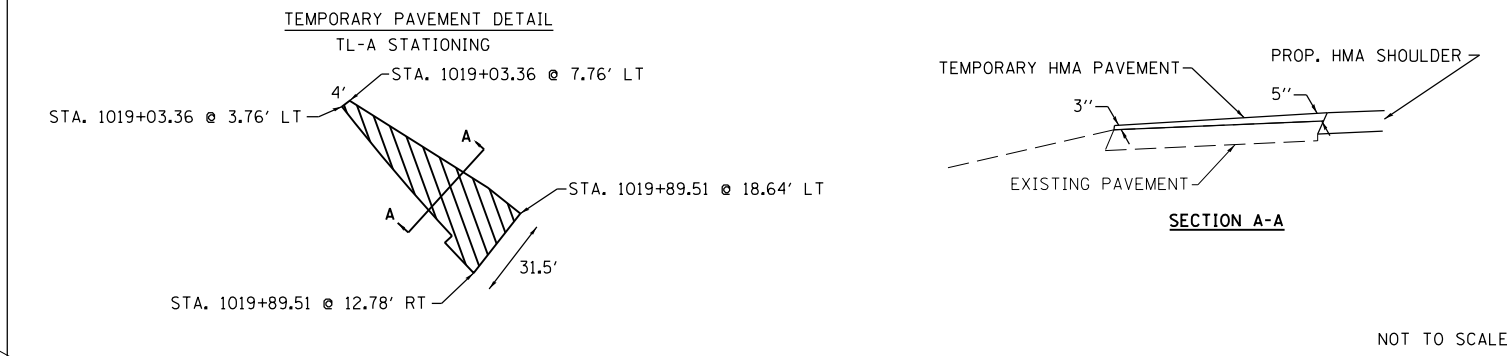
STAGE 2

1. REMOVE EXISTING PAVEMENT ON NORTH LEG OF WYE AND CONSTRUCT AGGREGATE BASE, ALL HMA BINDER, AND PAVE SHOULDERS UP TO BINDER LEVEL. (HMA SURFACE COURSE AND TOP LIFT OF HMA SHOULDERS TO BE PAVED AFTER STAGE 3 IN A SEPERATE LANE CLOSURE)
2. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN.
3. SHIFT TRAFFIC AS SHOWN, A MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED. IF THESE REQUIREMENTS ARE NOT MET A LANE CLOSURE WILL BE REQUIRED AND A LANE RENTAL DAY WILL BE CHARGED.
4. VERTICAL BARRICADES @ 50' SPACING AS PER DROP-OFF POLICY (SEE STAGING GENERAL NOTES SHEET). ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
5. CLOSURES SHOULD BE IN ACCORDANCE WITH STANDARD B.L.R. 21-9



LEGEND

- HMA BINDER COURSE N90 IL-19.0mm SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- HOT-MIX ASPHALT SHOULDERS, 8 "



INDIANA ST

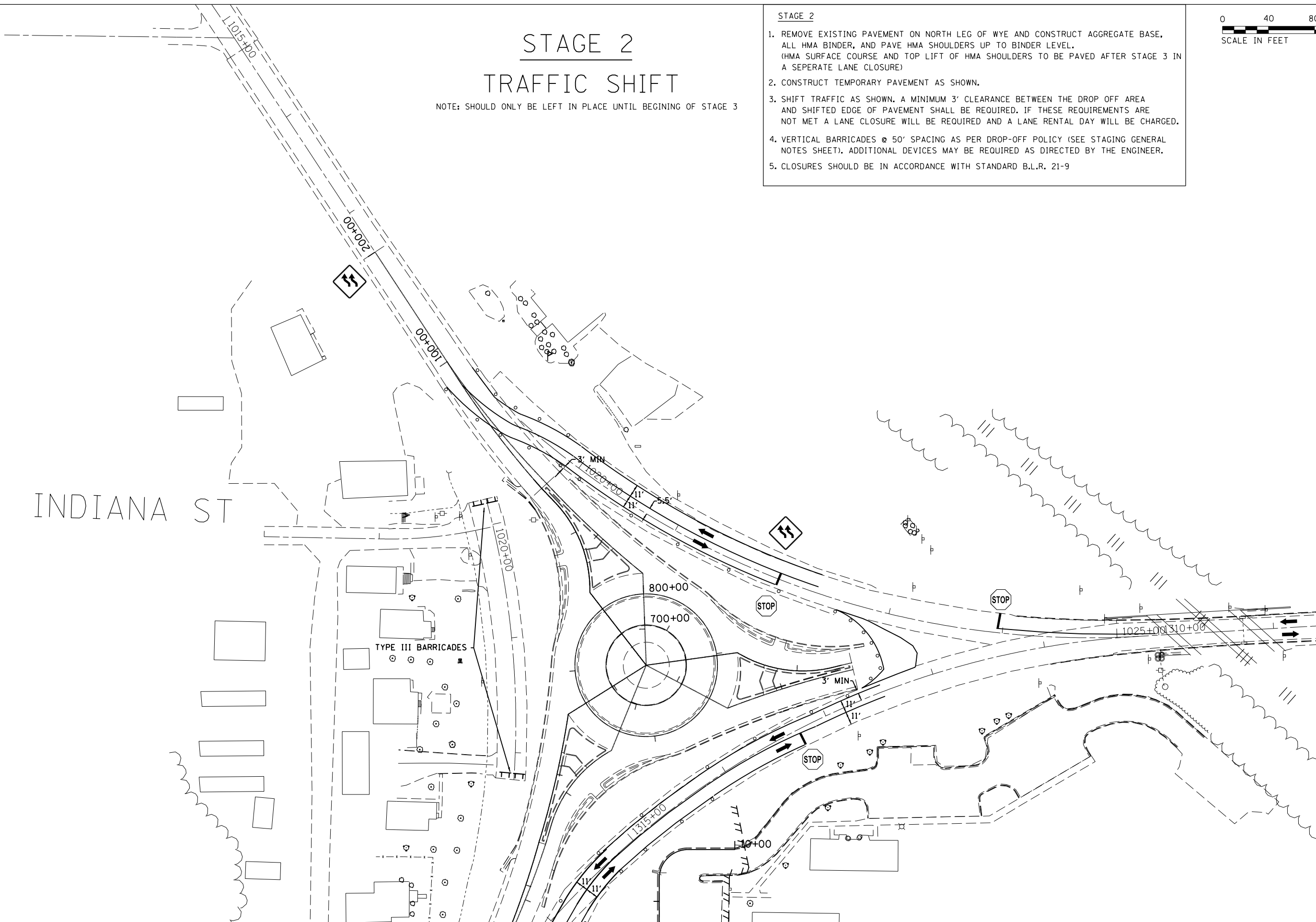
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	PLOT SCALE = 80.0000' / in.	DATE -	REVISED -										ILLINOIS FED. AID PROJECT			

STAGE 2 TRAFFIC SHIFT

NOTE: SHOULD ONLY BE LEFT IN PLACE UNTIL BEGINING OF STAGE 3

STAGE 2

1. REMOVE EXISTING PAVEMENT ON NORTH LEG OF WYE AND CONSTRUCT AGGREGATE BASE, ALL HMA BINDER, AND PAVE HMA SHOULDERS UP TO BINDER LEVEL. (HMA SURFACE COURSE AND TOP LIFT OF HMA SHOULDERS TO BE PAVED AFTER STAGE 3 IN A SEPERATE LANE CLOSURE)
2. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN.
3. SHIFT TRAFFIC AS SHOWN. A MINIMUM 3' CLEARANCE BETWEEN THE DROP OFF AREA AND SHIFTED EDGE OF PAVEMENT SHALL BE REQUIRED. IF THESE REQUIREMENTS ARE NOT MET A LANE CLOSURE WILL BE REQUIRED AND A LANE RENTAL DAY WILL BE CHARGED.
4. VERTICAL BARRICADES @ 50' SPACING AS PER DROP-OFF POLICY (SEE STAGING GENERAL NOTES SHEET). ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
5. CLOSURES SHOULD BE IN ACCORDANCE WITH STANDARD B.L.R. 21-9



INDIANA ST

TYPE III BARRICADES

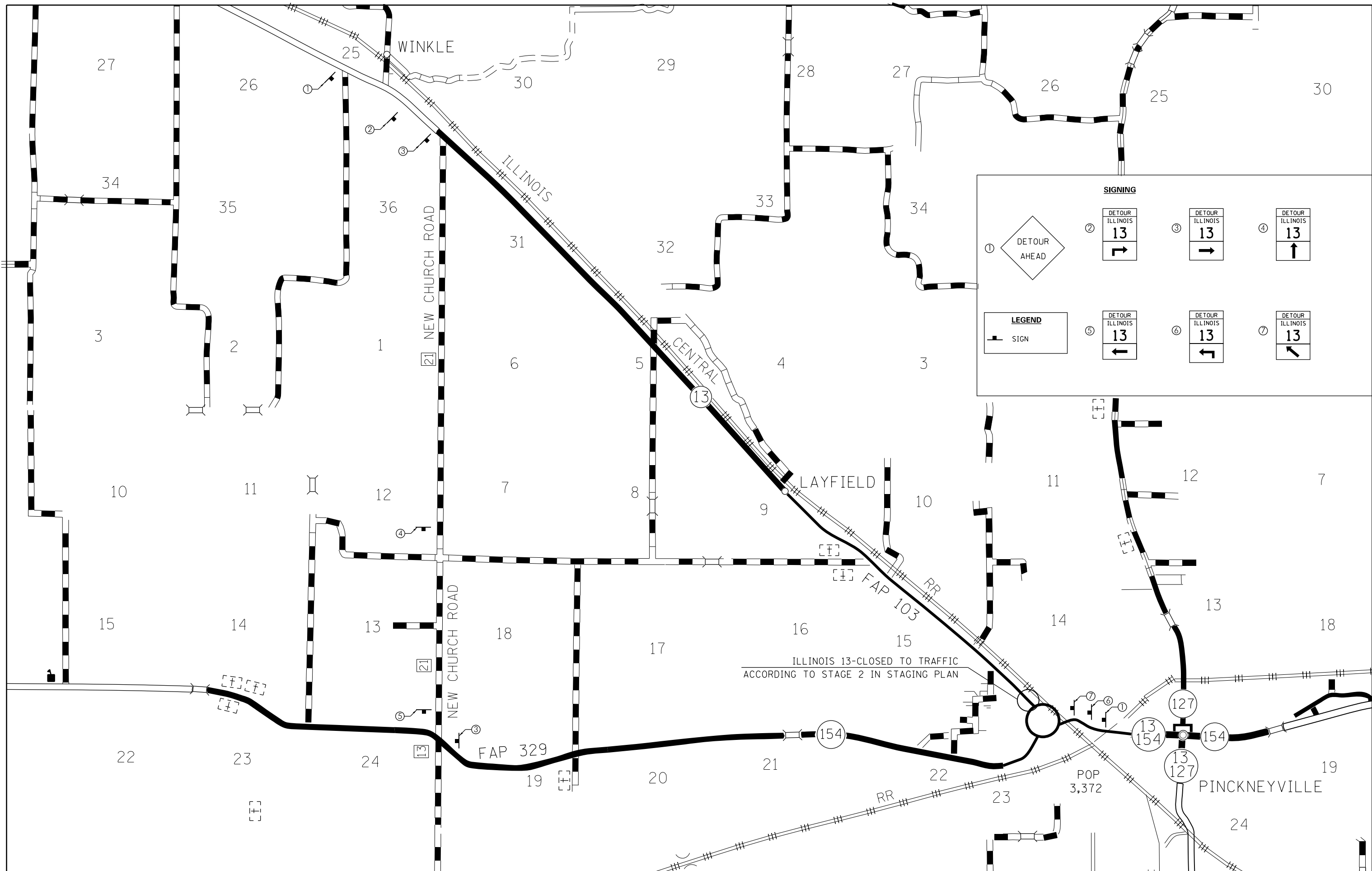
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING SHEET
STAGE 2

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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 45
CONTRACT NO. 78398			ILLINOIS FED. AID PROJECT	



SIGNING

① DETOUR AHEAD

② DETOUR ILLINOIS 13 [Right Arrow]

③ DETOUR ILLINOIS 13 [Right Arrow]

④ DETOUR ILLINOIS 13 [Up Arrow]

⑤ DETOUR ILLINOIS 13 [Left Arrow]

⑥ DETOUR ILLINOIS 13 [Left Arrow]

⑦ DETOUR ILLINOIS 13 [Up-Left Arrow]

LEGEND

— SIGN

ILLINOIS 13-CLOSED TO TRAFFIC
ACCORDING TO STAGE 2 IN STAGING PLAN

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\$MODELNAME\$	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

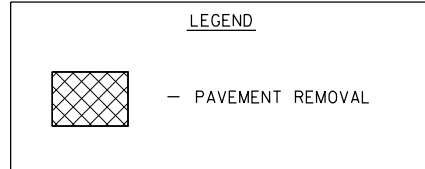
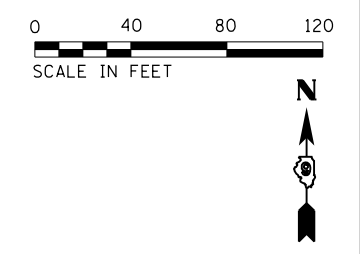
STAGE 2 DETOUR

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 46
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

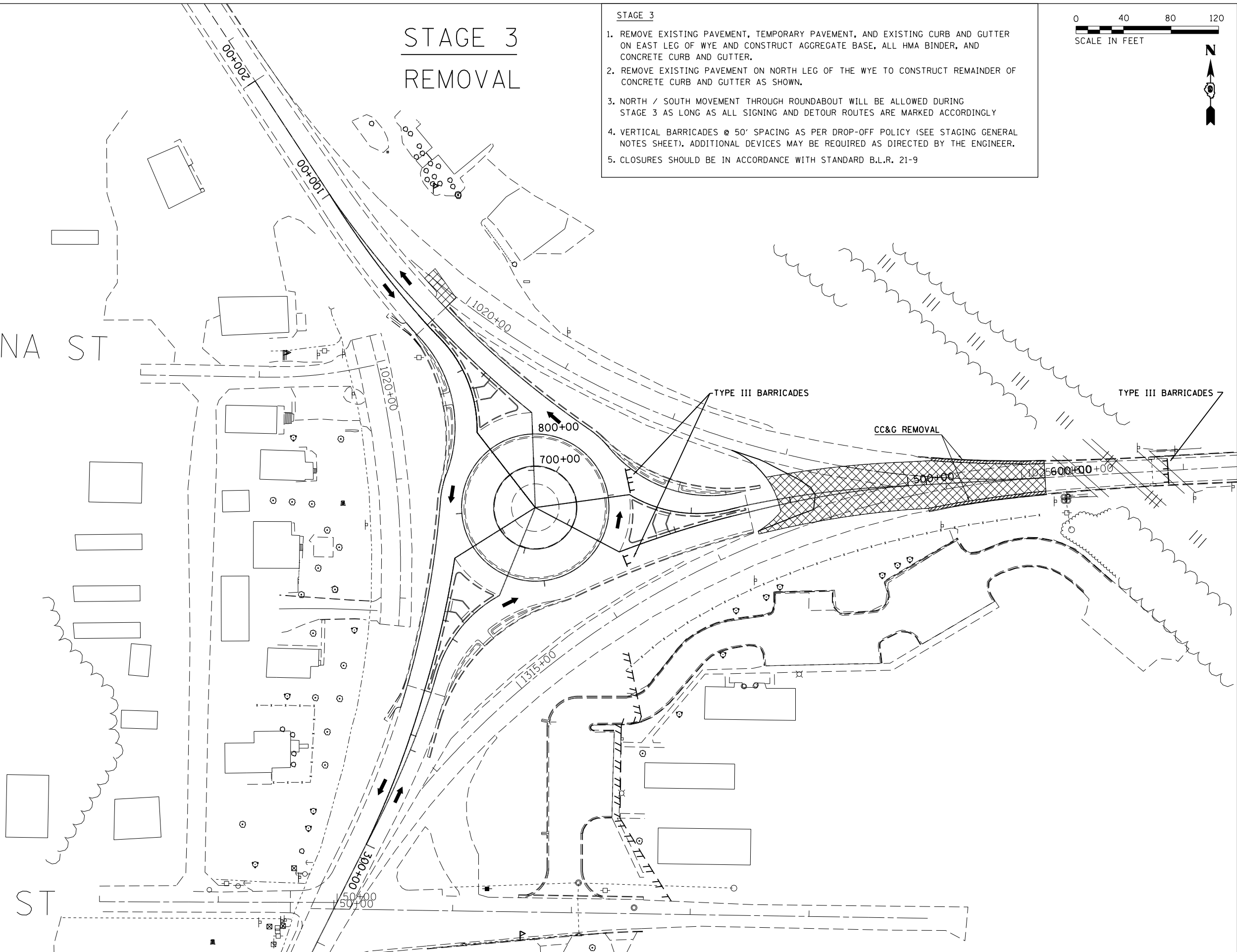
STAGE 3 REMOVAL

- STAGE 3**
1. REMOVE EXISTING PAVEMENT, TEMPORARY PAVEMENT, AND EXISTING CURB AND GUTTER ON EAST LEG OF WYE AND CONSTRUCT AGGREGATE BASE, ALL HMA BINDER, AND CONCRETE CURB AND GUTTER.
 2. REMOVE EXISTING PAVEMENT ON NORTH LEG OF THE WYE TO CONSTRUCT REMAINDER OF CONCRETE CURB AND GUTTER AS SHOWN.
 3. NORTH / SOUTH MOVEMENT THROUGH ROUNDABOUT WILL BE ALLOWED DURING STAGE 3 AS LONG AS ALL SIGNING AND DETOUR ROUTES ARE MARKED ACCORDINGLY
 4. VERTICAL BARRICADES @ 50' SPACING AS PER DROP-OFF POLICY (SEE STAGING GENERAL NOTES SHEET). ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 5. CLOSURES SHOULD BE IN ACCORDANCE WITH STANDARD B.L.R. 21-9



INDIANA ST

WATER ST



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 3/27/2015	DATE -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING SHEET
STAGE 3**

SCALE: SHEET OF SHEETS STA. TO STA.

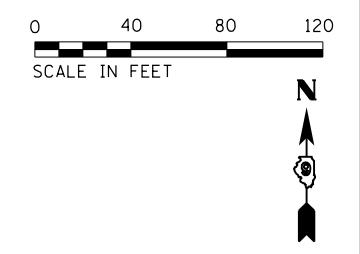
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	47
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

LEGEND

 - HMA BINDER COURSE N90 IL-19.0mm
SUB-BASE GRANULAR MATERIAL, TYPE A 12"

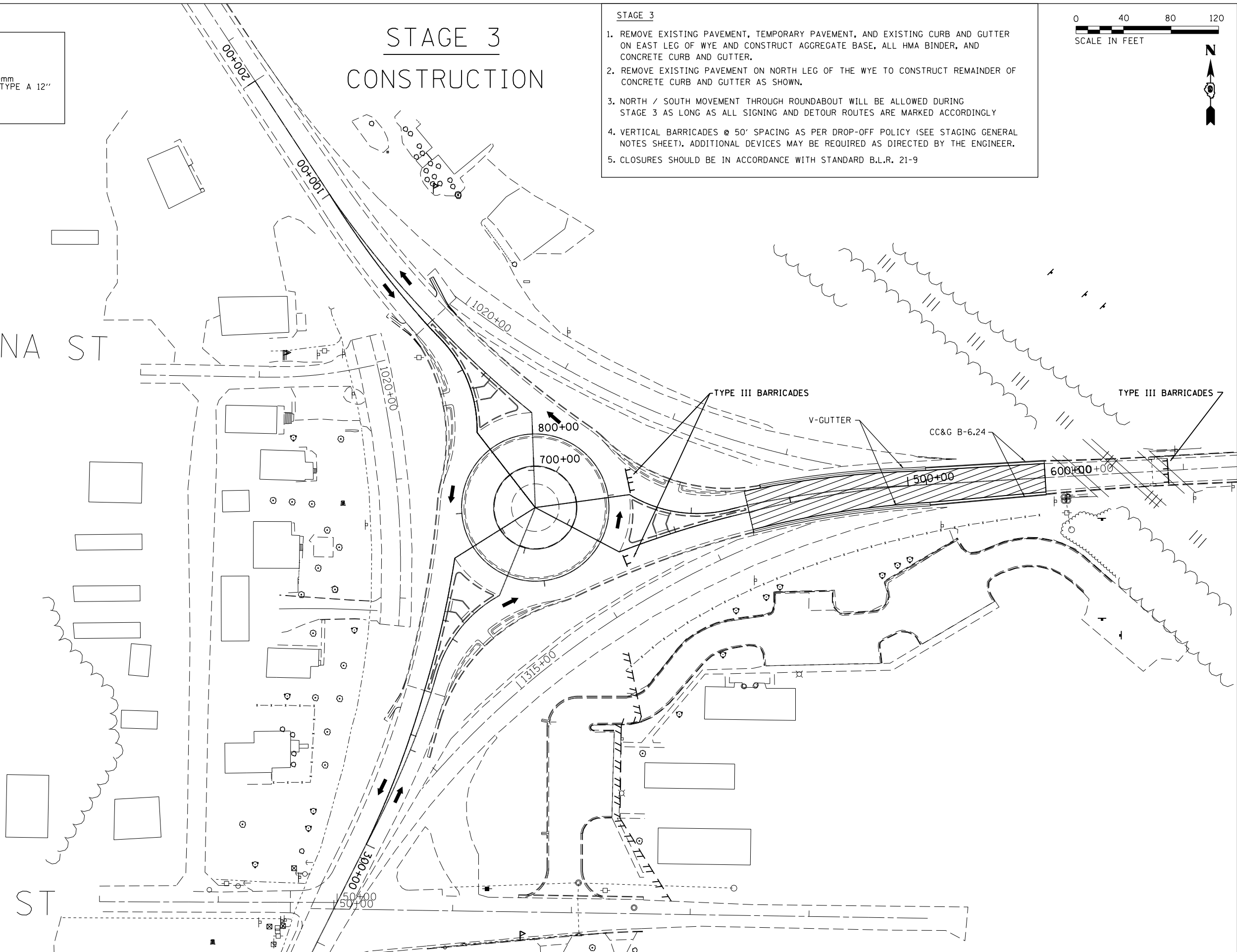
STAGE 3 CONSTRUCTION

- STAGE 3**
1. REMOVE EXISTING PAVEMENT, TEMPORARY PAVEMENT, AND EXISTING CURB AND GUTTER ON EAST LEG OF WYE AND CONSTRUCT AGGREGATE BASE, ALL HMA BINDER, AND CONCRETE CURB AND GUTTER.
 2. REMOVE EXISTING PAVEMENT ON NORTH LEG OF THE WYE TO CONSTRUCT REMAINDER OF CONCRETE CURB AND GUTTER AS SHOWN.
 3. NORTH / SOUTH MOVEMENT THROUGH ROUNDABOUT WILL BE ALLOWED DURING STAGE 3 AS LONG AS ALL SIGNING AND DETOUR ROUTES ARE MARKED ACCORDINGLY
 4. VERTICAL BARRICADES @ 50' SPACING AS PER DROP-OFF POLICY (SEE STAGING GENERAL NOTES SHEET). ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 5. CLOSURES SHOULD BE IN ACCORDANCE WITH STANDARD B.L.R. 21-9



INDIANA ST

WATER ST



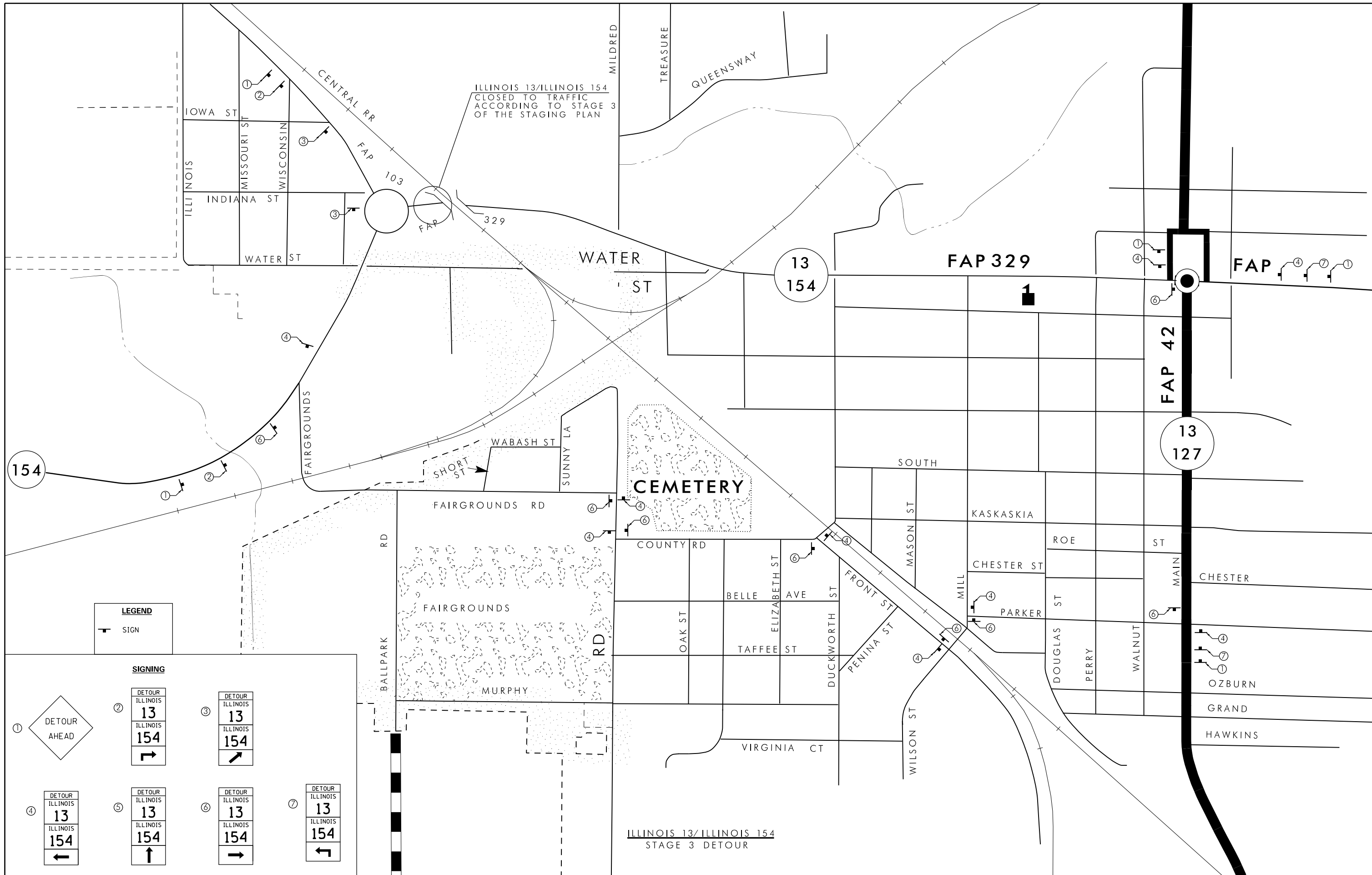
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MODELNAME	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING SHEET
STAGE 3**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	48
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



LEGEND

— SIGN

SIGNING

① DETOUR AHEAD

②

③

④

⑤

⑥

⑦

DETOUR ILLINOIS 13 ILLINOIS 154

DETOUR ILLINOIS 13 ILLINOIS 154

DETOUR ILLINOIS 13 ILLINOIS 154

DETOUR ILLINOIS 13 ILLINOIS 154

DETOUR ILLINOIS 13 ILLINOIS 154

DETOUR ILLINOIS 13 ILLINOIS 154

ILLINOIS 13/ILLINOIS 154
STAGE 3 DETOUR

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 49
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

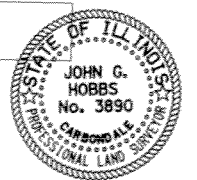
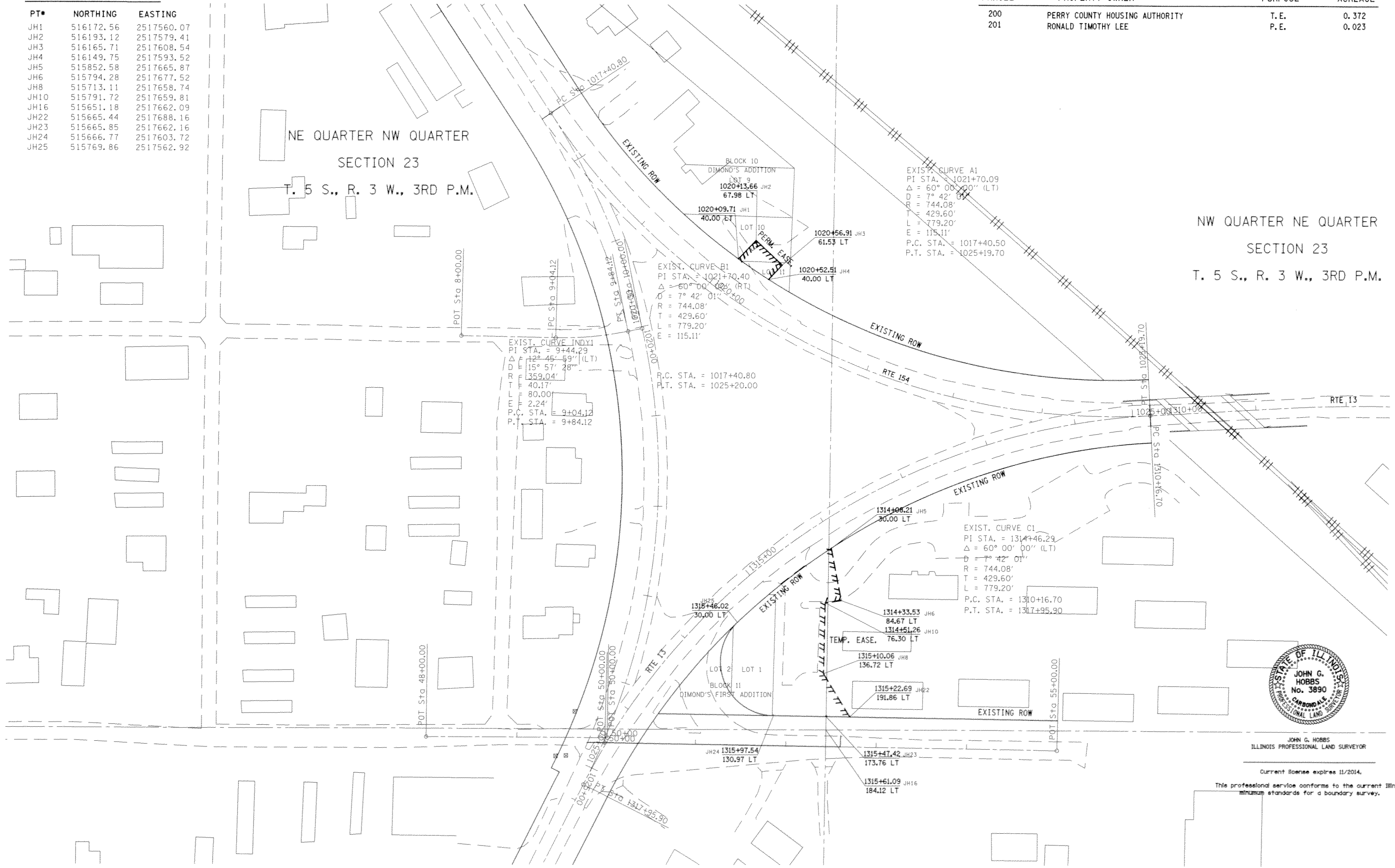
COORDINATE DATA

PT*	NORTHING	EASTING
JH1	516172.56	2517560.07
JH2	516193.12	2517579.41
JH3	516165.71	2517608.54
JH4	516149.75	2517593.52
JH5	515852.58	2517665.87
JH6	515794.28	2517677.52
JH8	515713.11	2517658.74
JH10	515791.72	2517659.81
JH16	515651.18	2517662.09
JH22	515665.44	2517688.16
JH23	515665.85	2517662.16
JH24	515666.77	2517603.72
JH25	515769.86	2517562.92

PARCEL	PROPERTY OWNER	PURPOSE	ACREAGE
200	PERRY COUNTY HOUSING AUTHORITY	T. E.	0.372
201	RONALD TIMOTHY LEE	P. E.	0.023

NE QUARTER NW QUARTER
SECTION 23
T. 5 S., R. 3 W., 3RD P.M.

NW QUARTER NE QUARTER
SECTION 23
T. 5 S., R. 3 W., 3RD P.M.

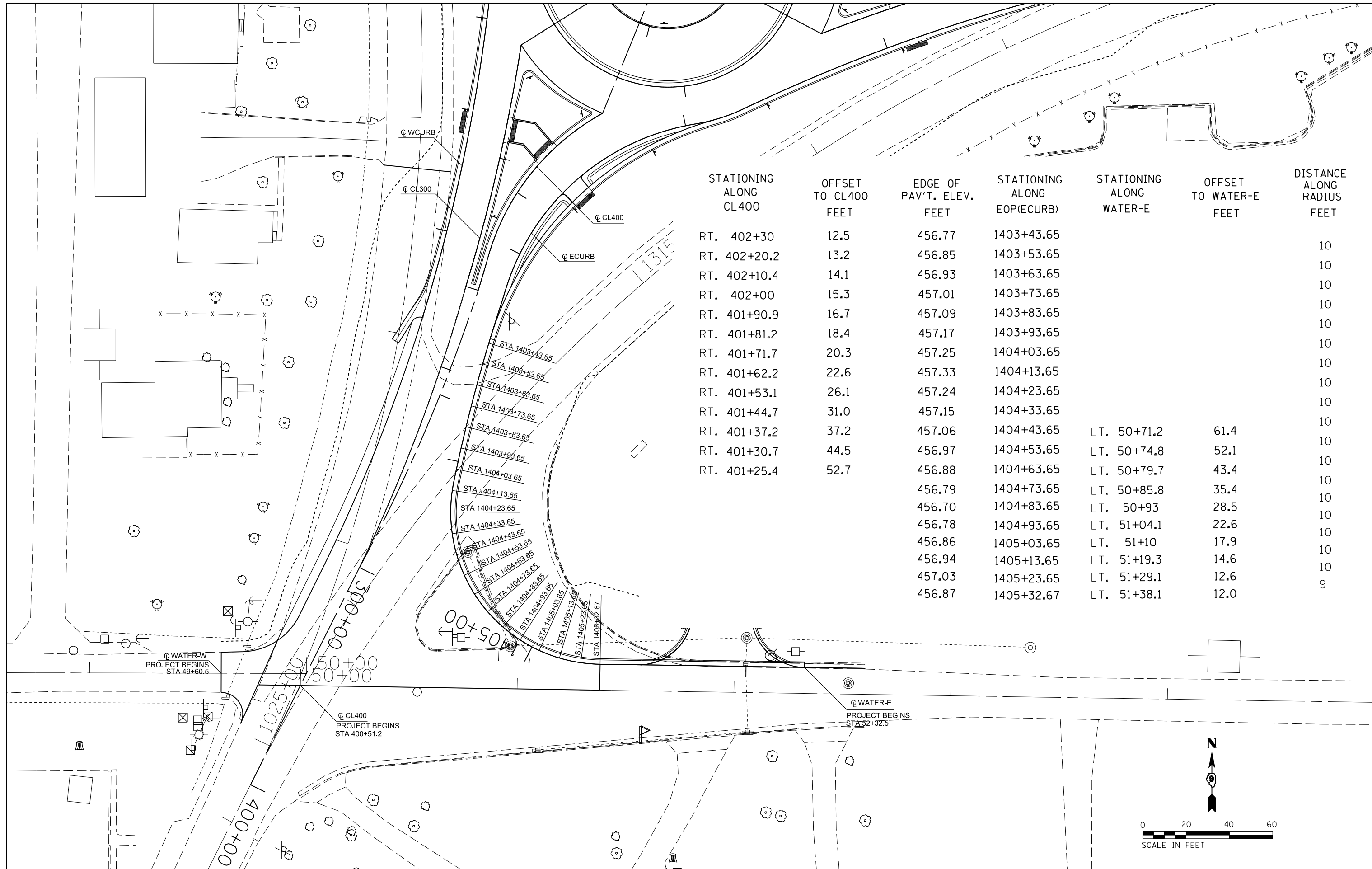


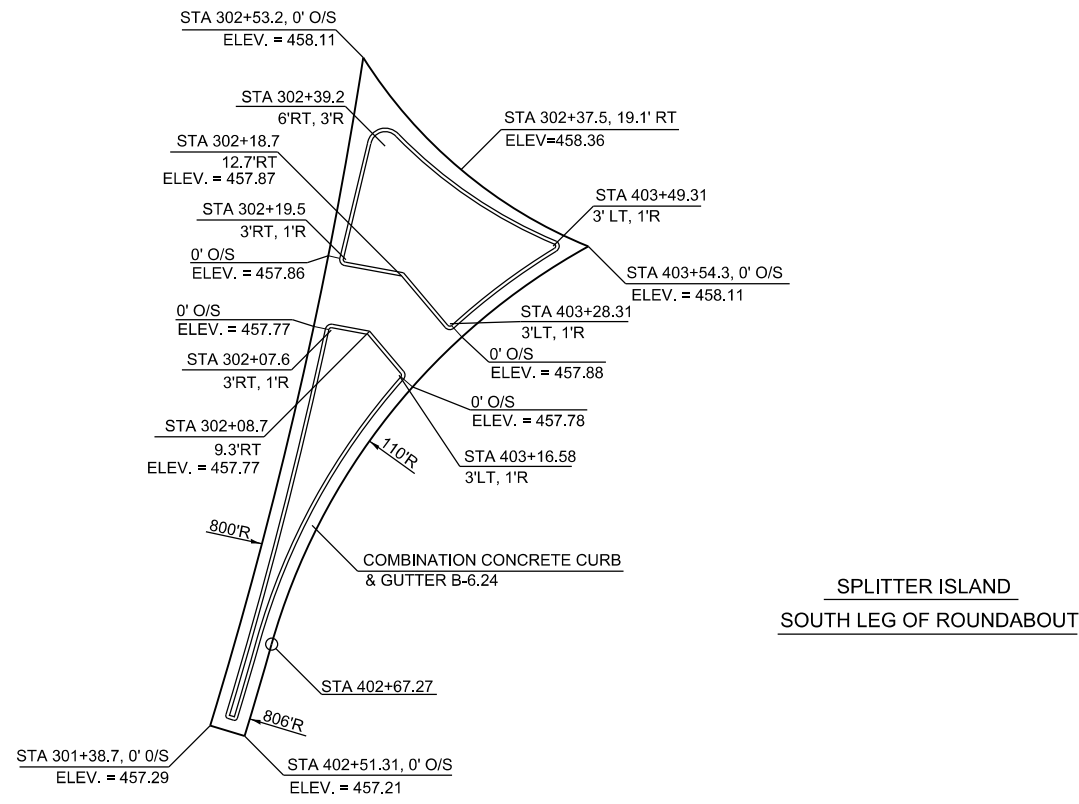
JOHN G. HOBBS
ILLINOIS PROFESSIONAL LAND SURVEYOR

Current license expires 11/2014.
This professional service conforms to the current Illinois minimum standards for a boundary survey.

FILE NAME = c:\p\work\p\p\dot\russell\of\8378321\78388-shf-row.dgn	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	R-99-012-14 IL 13/IL 154(FAP 103/FAP 329) ROUND ABOUT	F.A.P. RTE. 103/329	SECTION (103, 17) N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 51	
PLOT SCALE = 100.0000' / in.	PLOT DATE = 3/26/2015	DRAWN -	REVISED -			SCALE: 1" = 100'	SHEET 1 OF 1 SHEETS	STA. 1310+16.70 TO STA. 1317+95.50	CONTRACT NO. 78398		ILLINOIS FED. AID PROJECT
CHECKED -	DATE -	REVISOR -	REVISIONS -								

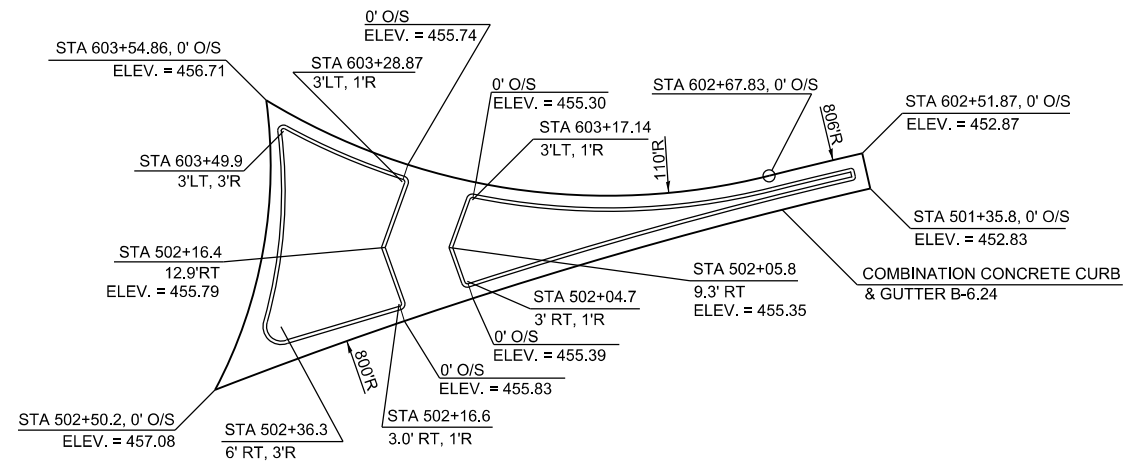
STATIONING ALONG CL400	OFFSET TO CL400 FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG EOP(ECURB)	STATIONING ALONG WATER-E	OFFSET TO WATER-E FEET	DISTANCE ALONG RADIUS FEET
RT. 402+30	12.5	456.77	1403+43.65			
RT. 402+20.2	13.2	456.85	1403+53.65			10
RT. 402+10.4	14.1	456.93	1403+63.65			10
RT. 402+00	15.3	457.01	1403+73.65			10
RT. 401+90.9	16.7	457.09	1403+83.65			10
RT. 401+81.2	18.4	457.17	1403+93.65			10
RT. 401+71.7	20.3	457.25	1404+03.65			10
RT. 401+62.2	22.6	457.33	1404+13.65			10
RT. 401+53.1	26.1	457.24	1404+23.65			10
RT. 401+44.7	31.0	457.15	1404+33.65			10
RT. 401+37.2	37.2	457.06	1404+43.65	LT. 50+71.2	61.4	10
RT. 401+30.7	44.5	456.97	1404+53.65	LT. 50+74.8	52.1	10
RT. 401+25.4	52.7	456.88	1404+63.65	LT. 50+79.7	43.4	10
		456.79	1404+73.65	LT. 50+85.8	35.4	10
		456.70	1404+83.65	LT. 50+93	28.5	10
		456.78	1404+93.65	LT. 51+04.1	22.6	10
		456.86	1405+03.65	LT. 51+10	17.9	10
		456.94	1405+13.65	LT. 51+19.3	14.6	10
		457.03	1405+23.65	LT. 51+29.1	12.6	10
		456.87	1405+32.67	LT. 51+38.1	12.0	9





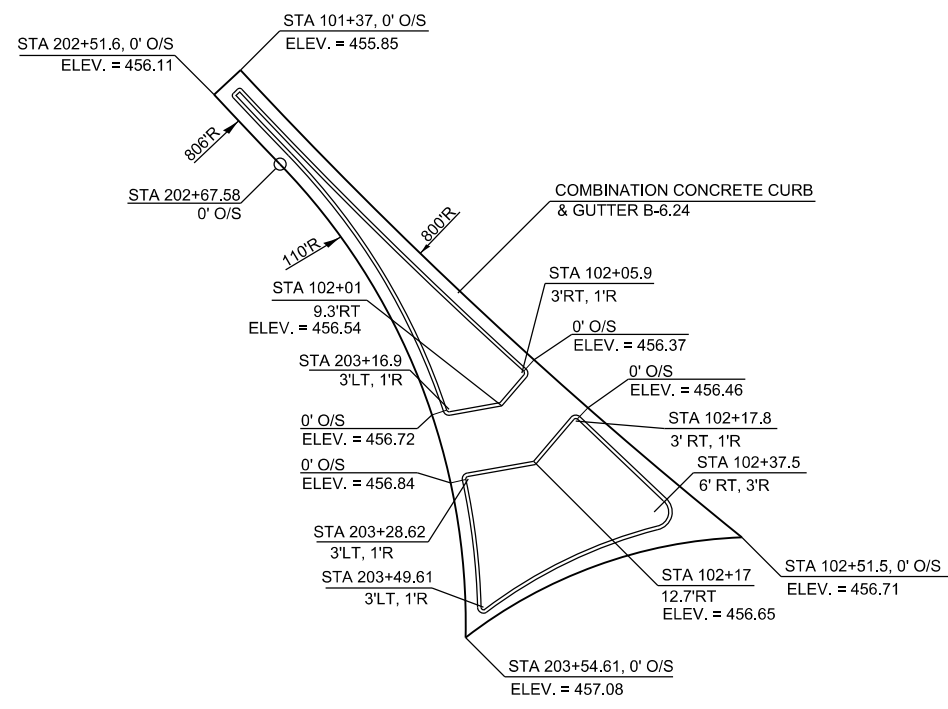
SPLITTER ISLAND
SOUTH LEG OF ROUNDABOUT

NOT TO SCALE



SPLITTER ISLAND
EAST LEG OF ROUNDABOUT

NOT TO SCALE



SPLITTER ISLAND
NORTH LEG OF ROUNDABOUT

NOT TO SCALE

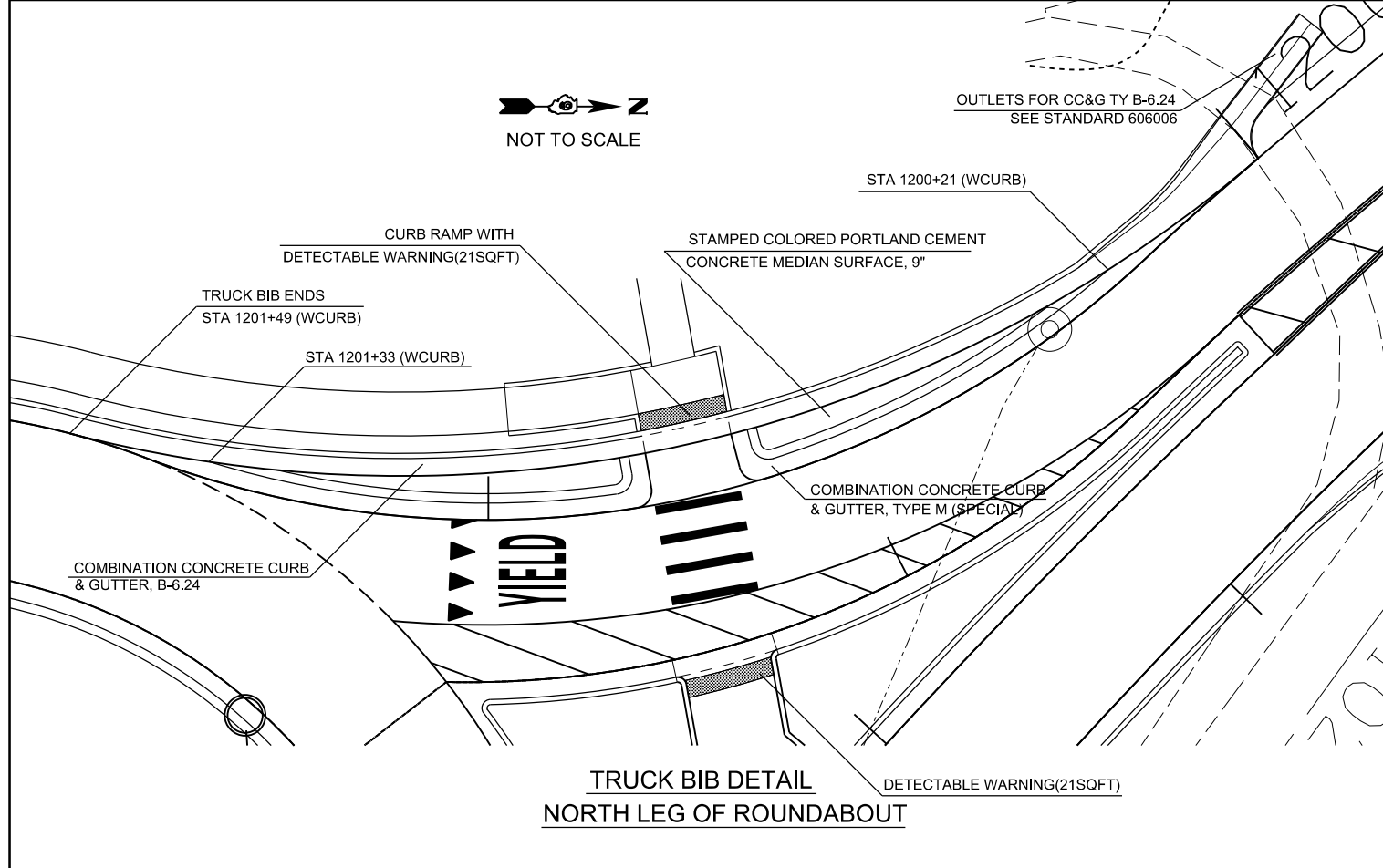
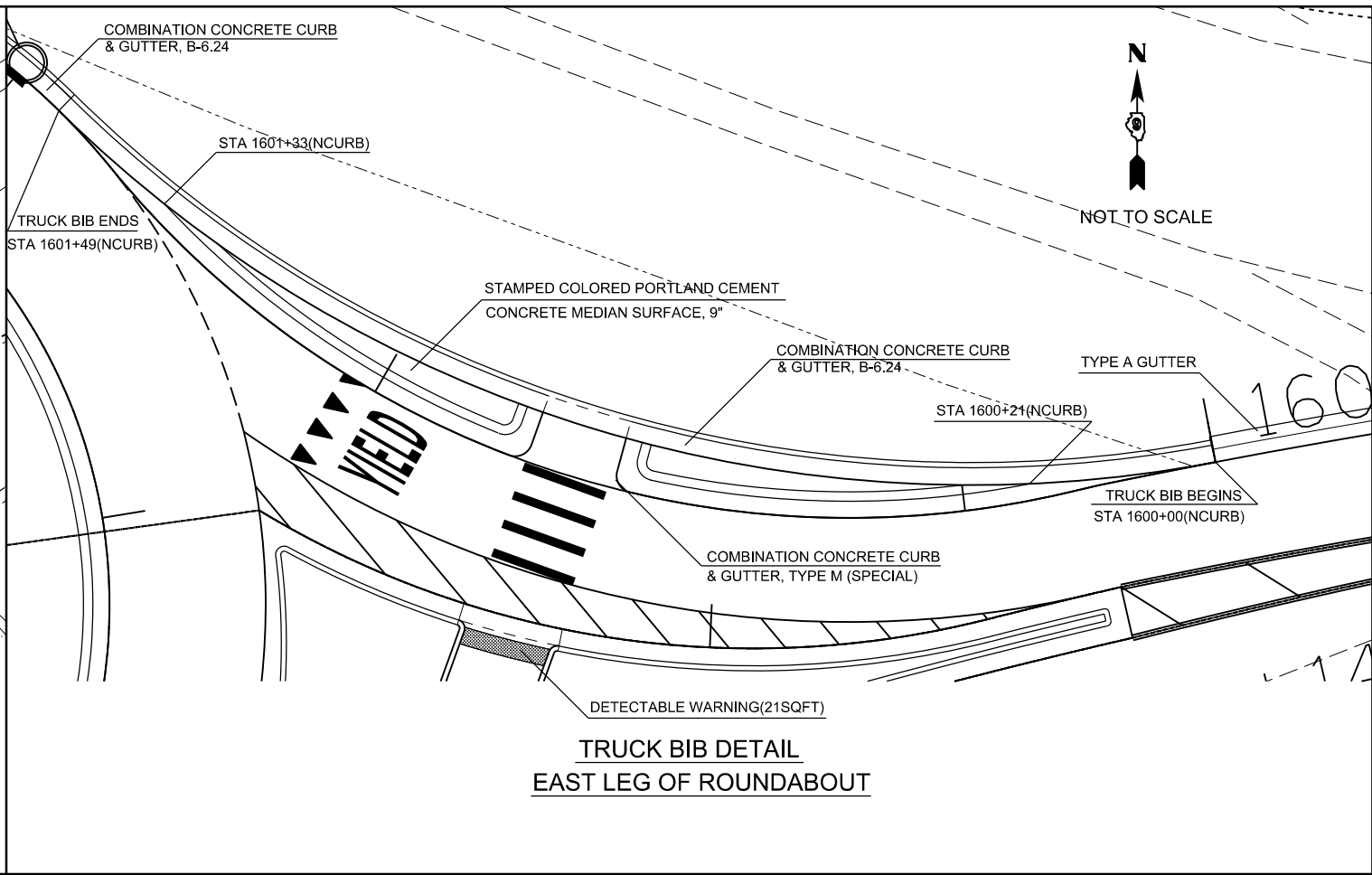
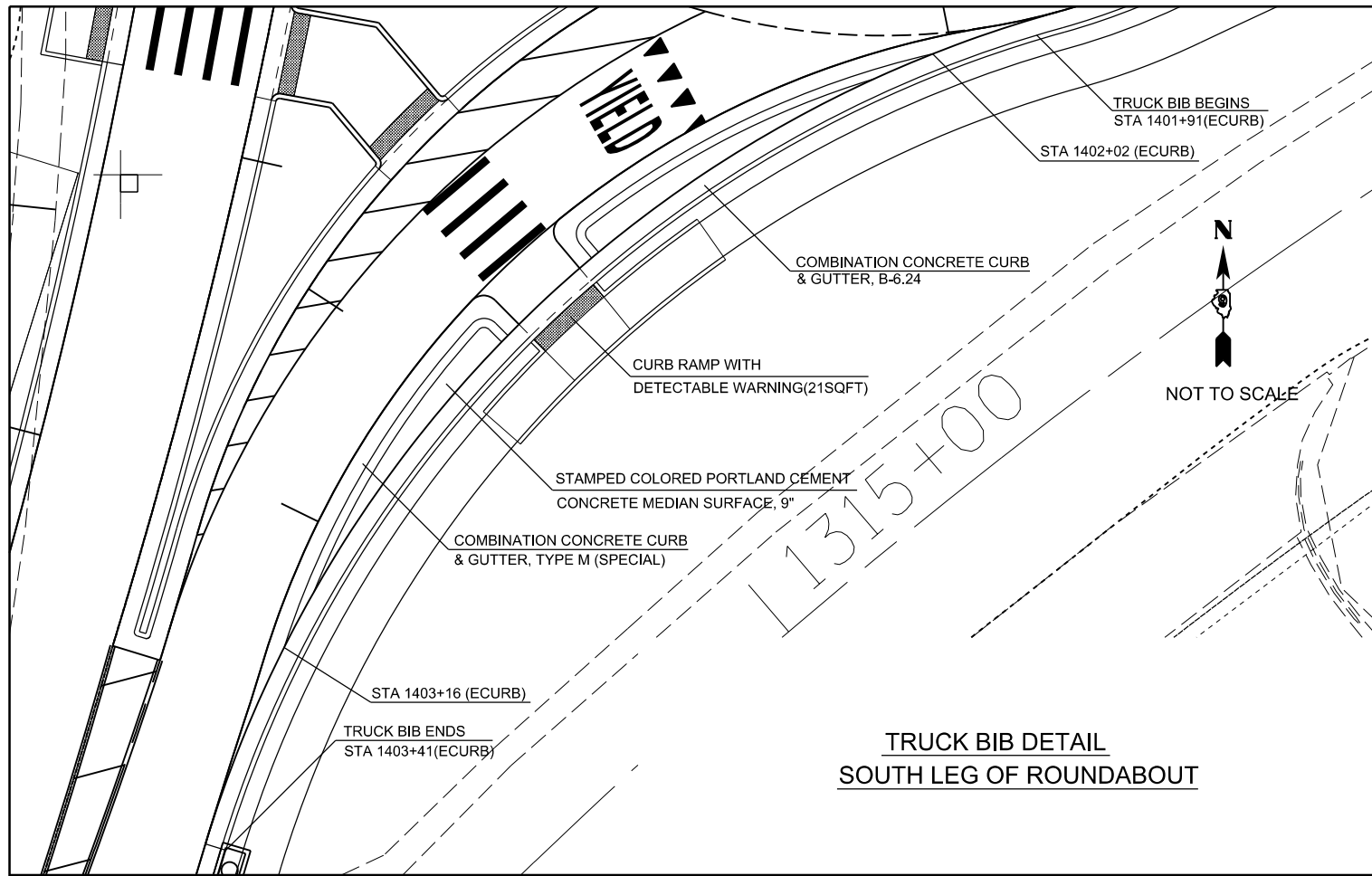
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		CHECKED -	REVISED -
		DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/27/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRICS DETAIL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	53
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



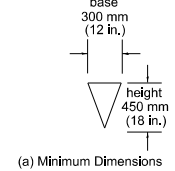
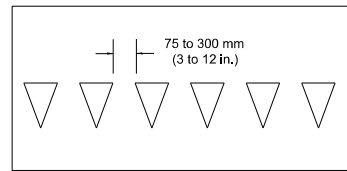
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

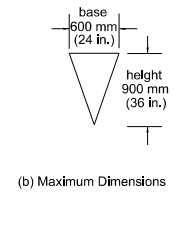
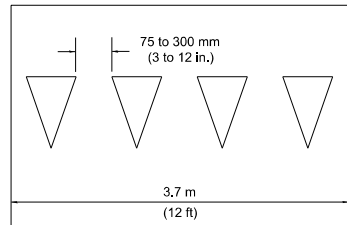
GEOMETRICS DETAIL SHEET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	54
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

Figure 3B-14. Examples of Yield Line Layouts



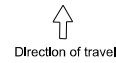
(a) Minimum Dimensions



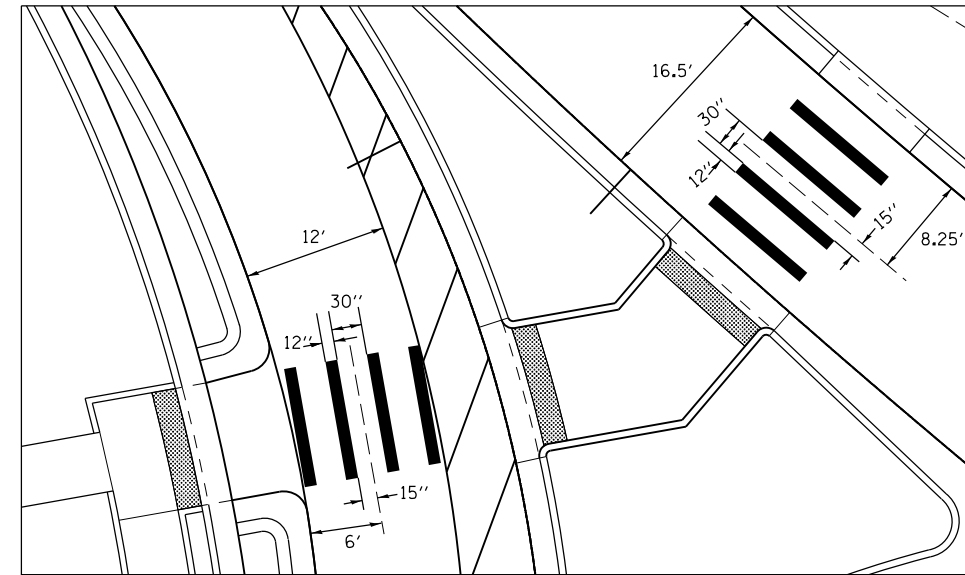
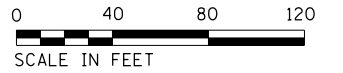
(b) Maximum Dimensions

Notes:
Triangle height is equal to 1.5 times the base dimension

Yield lines may be smaller than suggested when installed on much narrower, slow-speed facilities such as shared-use paths.



CROSSWALK PAVEMENT MARKING DETAIL



MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
(PAINTED ISLAND HATCH LINES - YELLOW)
10' SPACING

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
(PAINTED ISLAND EDGE LINES - DOUBLE YELLOW)

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
(PAINTED ISLAND EDGE LINES - WHITE)

MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
(PAINTED ISLAND HATCH LINES - WHITE)
10' SPACING

MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
(STOP BARS - WHITE)

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
(SKIP DASH - YELLOW)

MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
(CROSSWALK MARKING - WHITE)

MODIFIED URETHANE PAVEMENT MARKING - LINE 18"
(2" SKIP - 2" DASH - WHITE)

MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
(LANE LINE - WHITE)

MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
(PAINTED ISLAND HATCHING - WHITE)
5' SPACING

MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

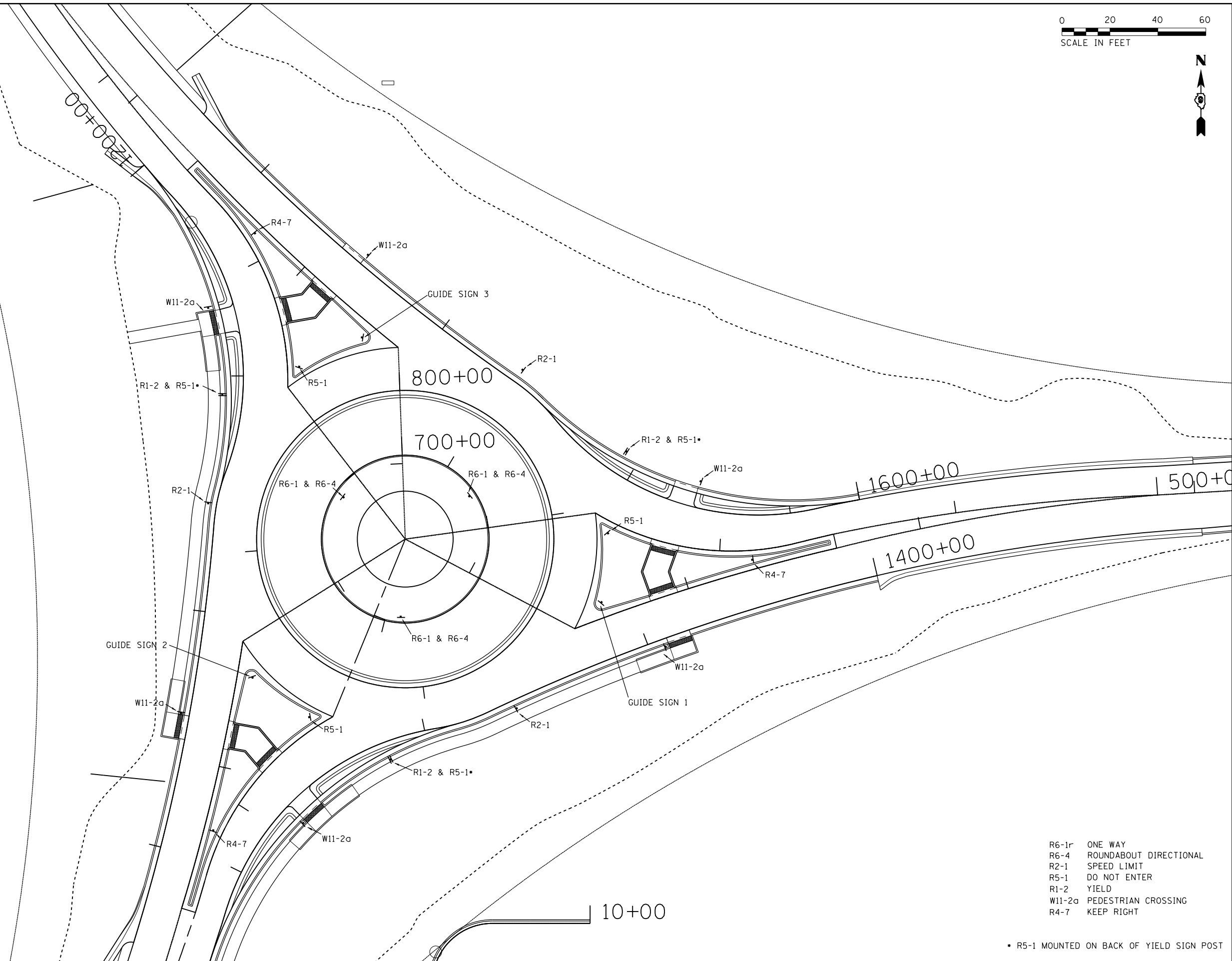
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 57
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



- R6-1r ONE WAY
- R6-4 ROUNDABOUT DIRECTIONAL
- R2-1 SPEED LIMIT
- R5-1 DO NOT ENTER
- R1-2 YIELD
- W11-2a PEDESTRIAN CROSSING
- R4-7 KEEP RIGHT

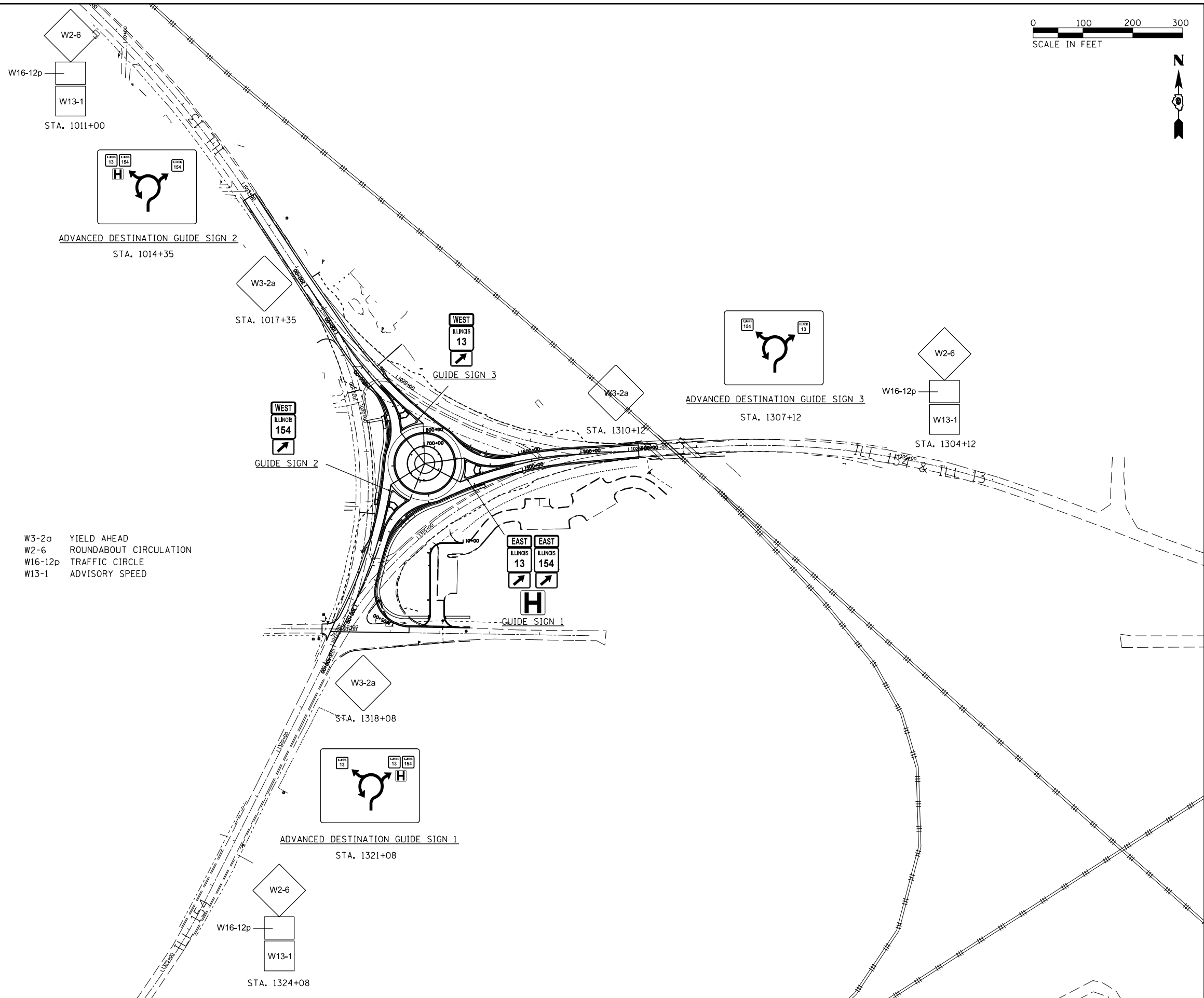
• R5-1 MOUNTED ON BACK OF YIELD SIGN POST

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\$MODELNAME\$	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING LAYOUT SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	58
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



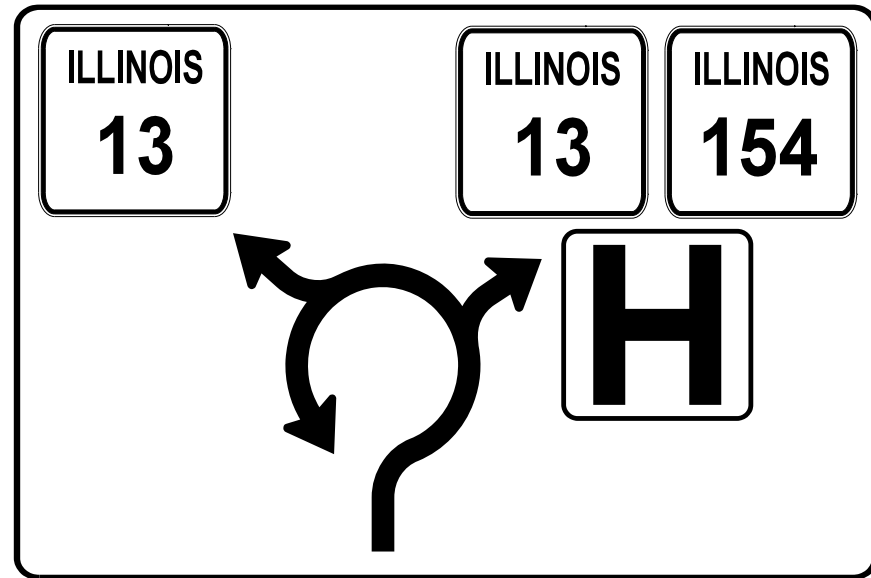
W3-2a YIELD AHEAD
W2-6 ROUNDABOUT CIRCULATION
W16-12p TRAFFIC CIRCLE
W13-1 ADVISORY SPEED

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

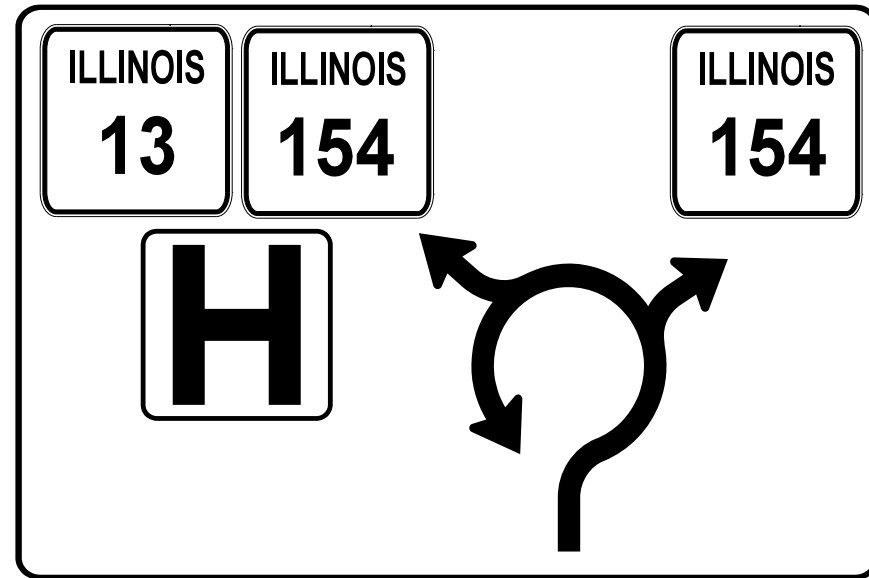
SIGNING LAYOUT SHEET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 59
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



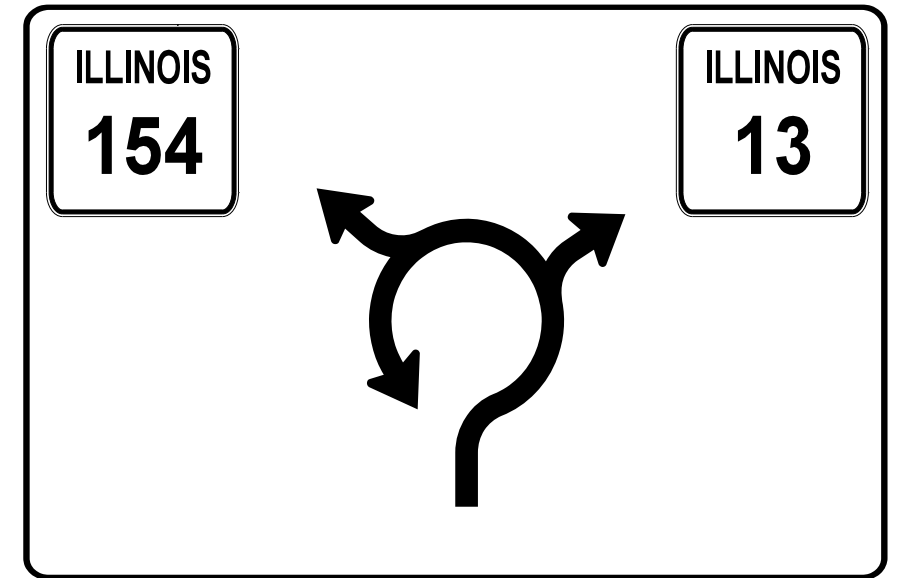
ADVANCED DESTINATION GUIDE SIGN 1

STA. 1321+08 (IL 154 ALIGNMENT)
SCALE: 1"=1'



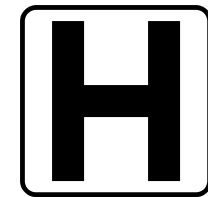
ADVANCED DESTINATION GUIDE SIGN 2

STA. 1014+35 (TL-A ALIGNMENT)
SCALE: 1"=1'



ADVANCED DESTINATION GUIDE SIGN 3

STA. 1307+12 (TL-C ALIGNMENT)
SCALE: 1"=1'



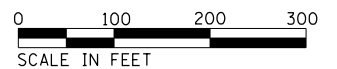
GUIDE SIGN 1



GUIDE SIGN 2



GUIDE SIGN 3



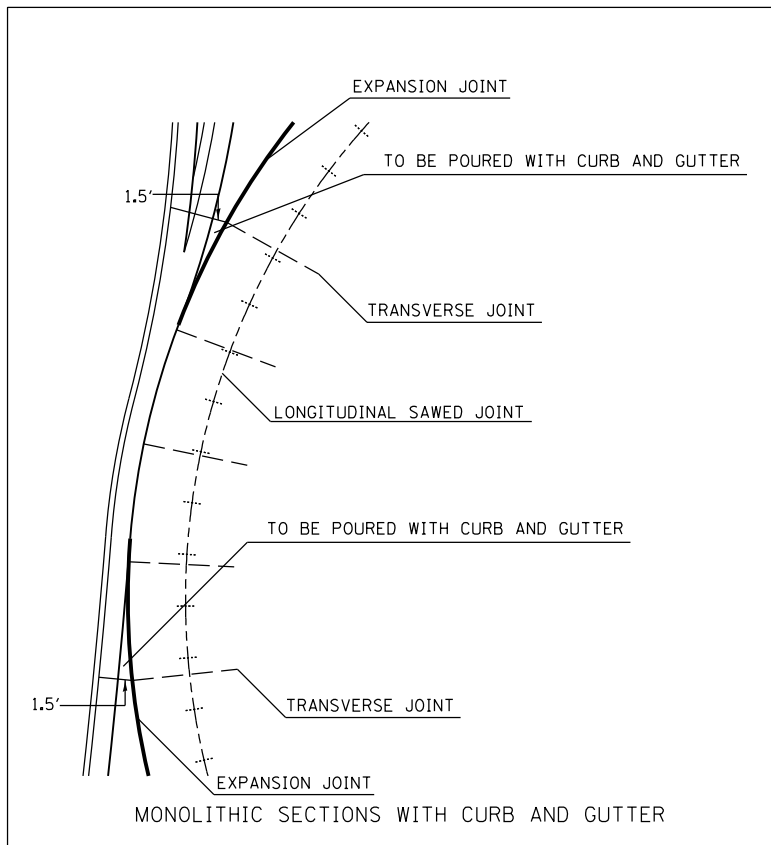
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAIL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

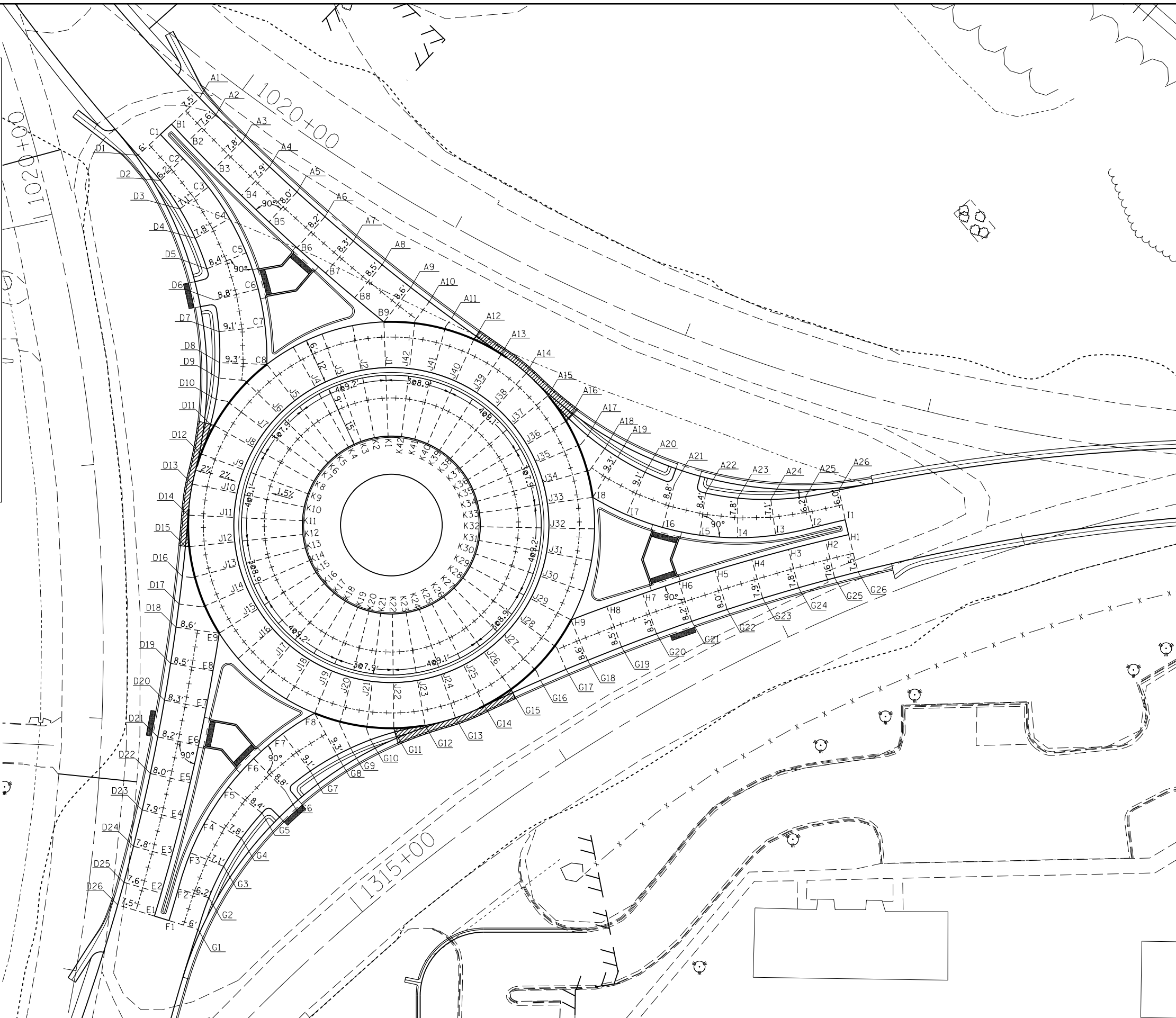
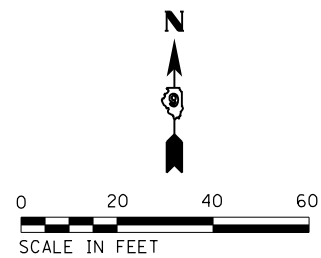
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(103,17)N-1	PERRY	127	60
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



JOINTING PLAN LEGEND

- TRANSVERSE CONTRACTION JOINT
- ++++ LONGITUDINAL SAWED JOINT(SEALED)
- EXPANSION JOINT
- ▨ MONOLITHIC SECTIONS WITH CURB AND GUTTER
SEE DETAIL

NOTE: THE STATIONS AND OFFSETS OF PROPOSED JOINT ENDPOINTS ARE PROVIDED ON SHEET #



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING DETAIL				F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 61
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\$MODELNAME\$		CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										

POINT NO.	NCURB STA.	OFFSET	ELEV.
A1	1603+21.62	0	455.56
A2	1603+12.43	0	455.64
A3	1602+97.72	0	455.75
A4	1602+83.01	0	455.87
A5	1602+68.31	0	455.98
A6	1602+53.61	0	456.10
A7	1602+38.92	0	456.22
A8	1602+24.23	0	456.33
A9	1602+09.84	0	456.45
A10	1602+00.63	0	456.37
A11	1601+89.69	0	456.28
A12	1601+77.76	0	456.18
A13	1601+65.56	0	456.08
A14	1601+53.21	0	456.01
A15	1601+40.87	0	456.12
A16	1601+28.70	0	456.22
A17	1601+18.62	0	456.31
A18	1601+10.20	0	456.38
A19	1601+04.11	0	456.42
A20	1600+91.86	0	455.92
A21	1600+79.30	0	455.40
A22	1600+66.62	0	454.88
A23	1600+53.77	0	454.35
A24	1600+40.72	0	453.81
A25	1600+27.05	0	453.25
A26	1600+13.58	0	452.70

POINT NO.	WCURB STA.	OFFSET	ELEV.
D1	1200+13.89	0	455.87
D2	1200+27.10	0	455.99
D3	1200+40.77	0	456.12
D4	1200+53.82	0	456.24
D5	1200+66.67	0	456.36
D6	1200+79.35	0	456.48
D7	1200+91.91	0	456.59
D8	1201+04.16	0	456.71
D9	1201+10.20	0	456.80
D10	1201+18.67	0	456.94
D11	1201+28.75	0	457.10
D12	1201+40.95	0	457.29
D13	1201+53.33	0	457.48
D14	1201+65.70	0	457.58
D15	1201+77.99	0	457.66
D16	1201+89.92	0	457.73
D17	1202+00.86	0	457.79
D18	1202+10.07	0	457.85
D19	1202+24.46	0	457.73
D20	1202+39.15	0	457.62
D21	1202+53.84	0	457.50
D22	1202+68.54	0	457.38
D23	1202+83.24	0	457.26
D24	1202+97.95	0	457.14
D25	1203+12.66	0	457.02
D26	1203+21.85	0	456.95

POINT NO.	ECURB STA.	OFFSET	ELEV.
G1	1403+21.75	0	456.98
G2	1403+08.54	0	457.10
G3	1402+94.87	0	457.23
G4	1402+81.82	0	457.35
G5	1402+68.98	0	457.47
G6	1402+56.30	0	457.59
G7	1402+43.73	0	457.71
G8	1402+31.48	0	457.83
G9	1402+25.45	0	457.79
G10	1402+16.97	0	457.74
G11	1402+06.89	0	457.68
G12	1401+94.72	0	457.61
G13	1401+82.36	0	457.53
G14	1401+70.00	0	457.36
G15	1401+57.74	0	457.17
G16	1401+45.81	0	456.98
G17	1401+34.87	0	456.81
G18	1401+25.65	0	456.57
G19	1401+11.27	0	456.05
G20	1400+96.58	0	455.52
G21	1400+81.89	0	454.99
G22	1400+67.19	0	454.46
G23	1400+52.49	0	453.92
G24	1400+37.78	0	453.39
G25	1400+23.07	0	452.86
G26	1400+13.58	0	452.51

POINT NO.	NCURB STA.	OFFSET	ELEV.	POINT NO.	NCURB STA.	OFFSET	ELEV.
J1	800+00.00	0	456.58	J22	801+93.27	0	457.67
J2	800+09.65	0	456.67	J23	802+02.85	0	457.55
J3	800+19.30	0	456.77	J24	802+12.42	0	457.42
J4	800+28.96	0	456.86	J25	802+22.00	0	457.32
J5	800+38.60	0	456.96	J26	802+31.59	0	457.23
J6	800+46.86	0	457.04	J27	802+40.99	0	457.14
J7	800+55.12	0	457.12	J28	802+50.38	0	457.05
J8	800+63.35	0	457.20	J29	802+59.78	0	456.96
J9	800+72.94	0	457.29	J30	802+69.43	0	456.86
J10	800+82.54	0	457.38	J31	802+79.08	0	456.77
J11	800+92.13	0	457.50	J32	802+88.73	0	456.67
J12	801+01.74	0	457.63	J33	802+98.38	0	456.58
J13	801+11.13	0	457.75	J34	803+06.63	0	456.45
J14	801+20.52	0	457.87	J35	803+14.87	0	456.32
J15	801+29.92	0	457.99	J36	803+23.13	0	456.19
J16	801+39.57	0	458.12	J37	803+32.69	0	456.05
J17	801+49.23	0	458.24	J38	803+42.26	0	455.90
J18	801+58.88	0	458.11	J39	803+51.82	0	455.99
J19	801+68.53	0	457.99	J40	803+61.37	0	456.14
J20	801+76.78	0	457.88	J41	803+70.77	0	456.29
J21	801+85.04	0	457.78	J42	803+80.16	0	456.44

POINT NO.	CL100 STA.	OFFSET	ELEV.
B1	101+37.10	0	455.85
B2	101+46.47	0	455.92
B3	101+61.47	0	456.03
B4	101+76.47	0	456.15
B5	101+91.47	0	456.26
B6	102+06.47	0	456.37
B7	102+21.47	0	456.48
B8	102+36.47	0	456.60
B9	102+51.47	0	456.71

POINT NO.	CL200 STA.	OFFSET	ELEV.
C1	202+51.61	0	456.11
C2	202+64.61	0	456.23
C3	202+79.61	0	456.37
C4	202+94.61	0	456.52
C5	203+09.61	0	456.66
C6	203+24.61	0	456.80
C7	203+39.61	0	456.94
C8	203+54.61	0	457.08

POINT NO.	CL300 STA.	OFFSET	ELEV.
E1	301+38.79	0	457.25
E2	301+48.15	0	457.32
E3	301+63.15	0	457.43
E4	301+78.15	0	457.55
E5	301+93.15	0	457.66
E6	302+08.15	0	457.77
E7	302+23.15	0	457.88
E8	302+38.15	0	458.00
E9	302+53.15	0	458.11

POINT NO.	NCURB STA.	OFFSET	ELEV.	POINT NO.	NCURB STA.	OFFSET	ELEV.
K1	700+00.00	0	457.15	K22	701+09.10	0	458.24
K2	700+05.45	0	457.24	K23	701+14.51	0	458.12
K3	700+10.90	0	457.34	K24	701+19.92	0	457.99
K4	700+16.35	0	457.43	K25	701+25.32	0	457.89
K5	700+21.79	0	457.53	K26	701+30.74	0	457.80
K6	700+26.45	0	457.61	K27	701+36.04	0	457.71
K7	700+31.11	0	457.69	K28	701+41.34	0	457.62
K8	700+35.76	0	457.77	K29	701+46.65	0	457.53
K9	700+41.18	0	457.86	K30	701+52.10	0	457.43
K10	700+46.59	0	457.95	K31	701+57.55	0	457.34
K11	700+52.01	0	458.07	K32	701+63.00	0	457.24
K12	700+57.43	0	458.20	K33	701+68.44	0	457.15
K13	700+62.73	0	458.32	K34	701+73.10	0	457.02
K14	700+68.04	0	458.44	K35	701+77.75	0	456.89
K15	700+73.34	0	458.56	K36	701+82.41	0	456.76
K16	700+78.79	0	458.69	K37	701+87.81	0	456.62
K17	700+84.24	0	458.81	K38	701+93.21	0	456.47
K18	700+89.69	0	458.69	K39	701+98.61	0	456.56
K19	700+95.14	0	458.56	K40	702+04.00	0	456.72
K20	700+99.80	0	458.45	K41	702+09.30	0	456.87
K21	701+04.46	0	458.35	K42	702+14.61	0	457.01

POINT NO.	CL400 STA.	OFFSET	ELEV.
F1	402+51.31	0	457.21
F2	402+64.30	0	457.32
F3	402+79.30	0	457.45
F4	402+94.30	0	457.59
F5	403+09.30	0	457.72
F6	403+24.30	0	457.85
F7	403+39.30	0	457.98
F8	403+54.30	0	458.11

POINT NO.	CL500 STA.	OFFSET	ELEV.
H1	501+35.88	0	452.83
H2	501+45.25	0	453.18
H3	501+60.25	0	453.74
H4	501+75.25	0	454.29
H5	501+90.25	0	454.85
H6	502+05.25	0	455.41
H7	502+20.25	0	455.97
H8	502+35.25	0	456.52
H9	502+50.25	0	457.08

POINT NO.	CL600 STA.	OFFSET	ELEV.
F1	602+51.87	0	452.87
F2	602+64.86	0	453.35
F3	602+79.86	0	453.91
F4	602+94.86	0	454.47
F5	603+09.86	0	455.03
F6	603+24.86	0	455.59
F7	603+39.86	0	456.15
F8	603+54.86	0	456.71

STATE OF ILLINOIS
 LUMINAIRE PERFORMANCE TABLE

GENERAL NOTES

1. NO POLE TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER
2. UNIT DUCT SHALL BE SCHEDULE 40.
3. LIGHTING CALCULATIONS FOR SHOP DRAWING SUBMITTALS SHALL BE BASED ON A STRAIGHT ROADWAY SEGMENT MEETING THE CRITERIA SPELLED OUT IN THE LUMINAIRE PERFORMANCE TABLE.
4. BREAKAWAY COUPLING DEVICES SHALL BE INSTALLED WITH STAINLESS STEEL SCREEN TO PERMANENTLY AND COMPLETELY SEAL THE POLE BASE AGAINST RODENT ENTRY AS SPECIFIED IN SECTION 838 OF THE STANDARD SPECIFICATIONS. A BLACK PAINTED ALUMINUM SKIRT SHALL BE INSTALLED OVER THE STAINLESS STEEL SCREEN TO MATCH THE PROPOSED LIGHT POLE. THIS SHALL BE PAID FOR UNDER THE BREAKAWAY COUPLING DEVICE PAY ITEM.

GIVEN CONDITIONS		
ROADWAY DATA	Pavement Width	5.5 m (18 ft)
	Number of Lanes	1
	I.E.S. Surface Classification	R3
	Q-Zero Value	0.07
LIGHT POLE DATA	Mounting Height	15.2 m (50 ft)
	Mast Arm Length	4.6 m (15 ft)
	Pole Set-Back From Edge of Pavement	4.6 m (15 ft)
LUMINAIRE DATA	Lamp Type	HPS
	Lamp Lumens	50,000
	I.E.S. Vertical Distribution	Medium
	I.E.S. Control of Distribution	Cutoff
	I.E.S. Lateral Distribution	Type III
	Total Light Loss Factor	0.684
LAYOUT DATA	Spacing	79.2 m (260 ft)
	Configuration	Single Sided
	Luminaire Overhand over edge of pavement	0 m (0 ft)

LIGHTING BILL OF MATERIALS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2"DIA	FOOT	170
8160300	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1220
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	6
82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240 VOLT, 30 AMP	EACH	1
83010600	LIGHT POLE, ALUMINUM, 50 FT. M. H, 15FT. MAST ARM	EACH	6
83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8"x8'	EACH	6
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	24

NOTE: Variations from the above specified I.E.S. distribution patten may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

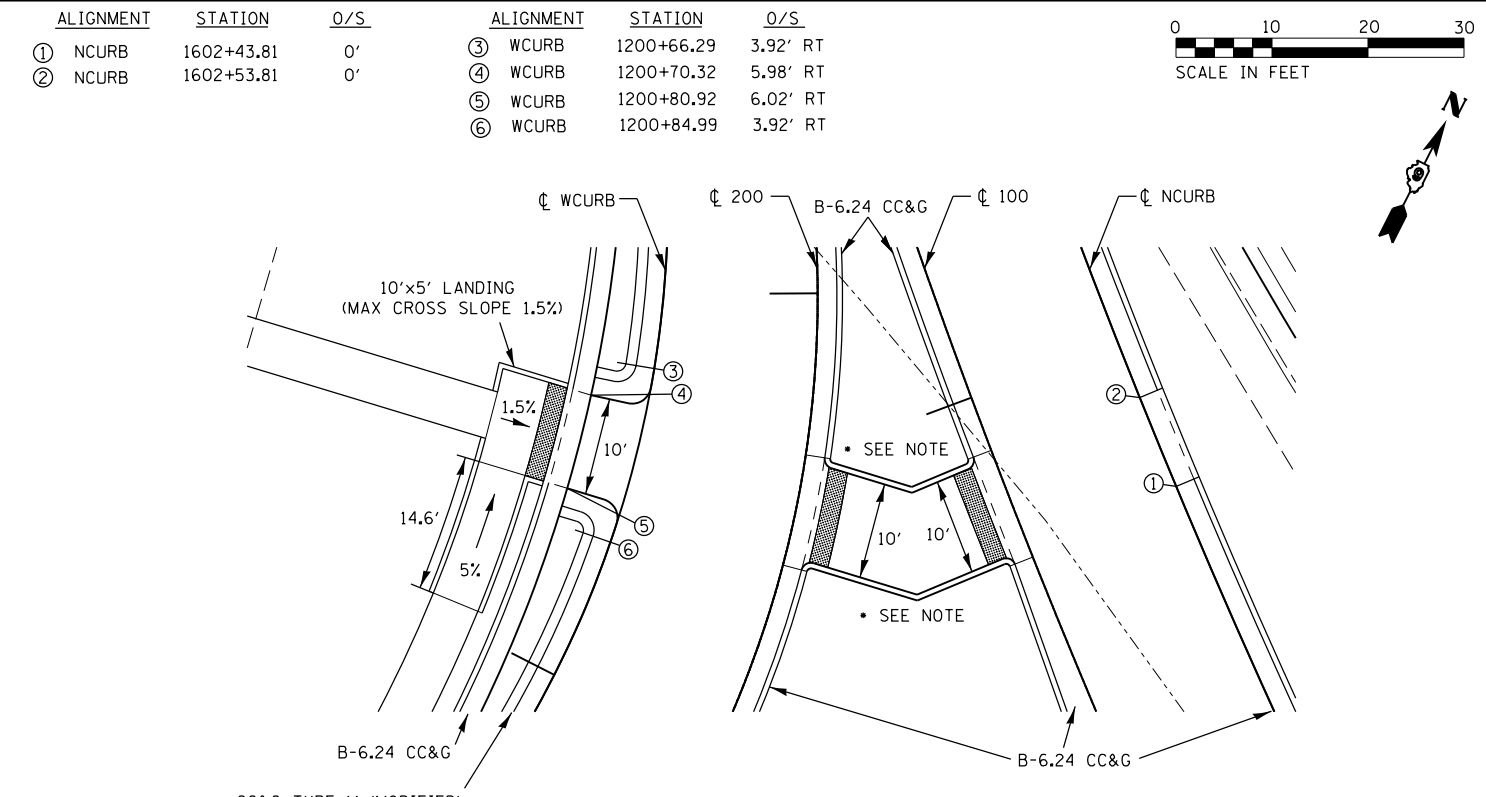
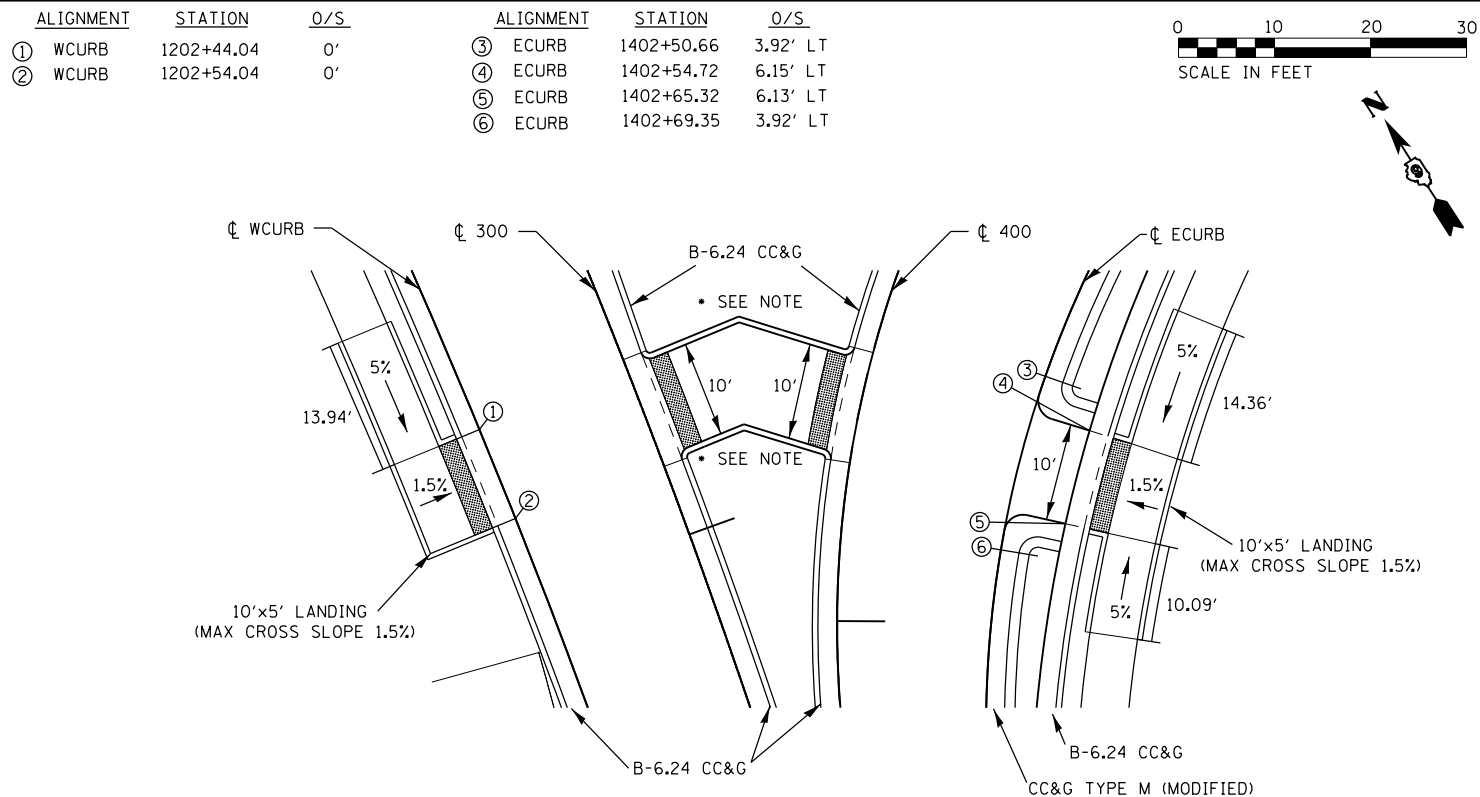
PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION	Average Horizontal Illumination, E_{AVE}	8.0 Lux / 0.8 fc
	Uniformity Ratio, E_{AVE} / E_{MIN}	6.0:1
LUMINANCE	Average Luminance, L_{AVE}	0.3 Cd/m ²
	Uniformity Ratio, L_{AVE} / L_{MIN}	6.0:1
	Uniformity Ratio, L_{MAX} / L_{MIN}	10:1
	Max. Veiling Luminance Ratio, L_V / L_{AVE}	0.4:1

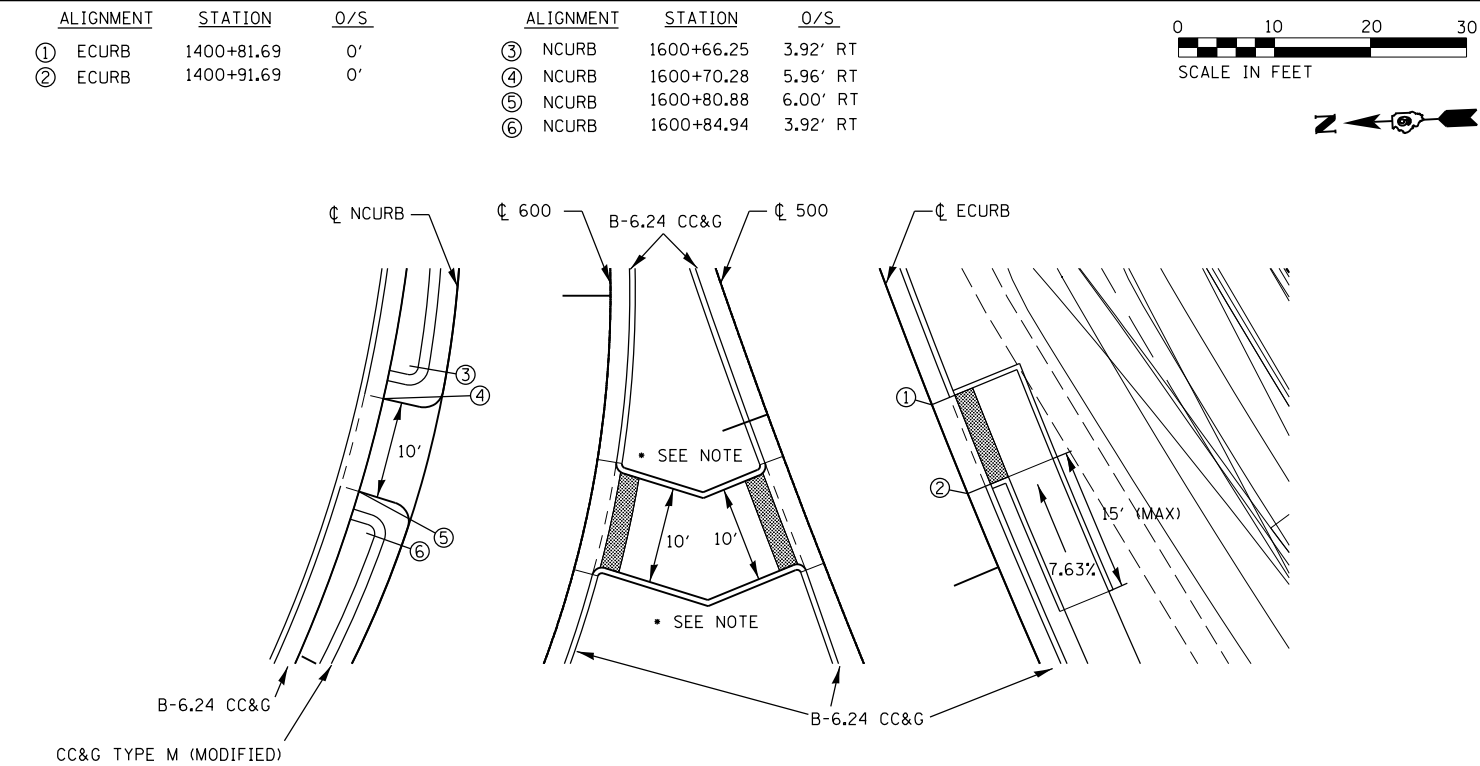
Document1

REV.



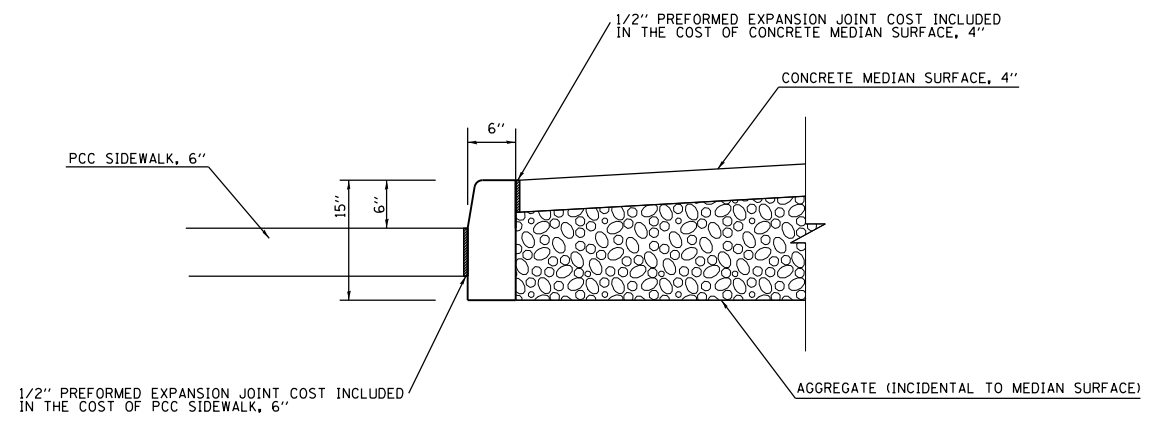
- ALL CURB IN PATHWAY SHALL BE DEPRESSED AS PER STANDARD 606001-06
 - SEE STANDARD 424001-08 FOR SIDE CURB DETAIL ON ALL SIDEWALK RAMP
 - REFER TO GEOMETRICS SHEETS FOR SPLITTER ISLAND ELEVATIONS
 • SEE DETAIL ON THIS SHEET FOR CURB DETAIL IN SPLITTER ISLANDS

- ALL CURB IN PATHWAY SHALL BE DEPRESSED AS PER STANDARD 606001-06
 - SEE STANDARD 424001-08 FOR SIDE CURB DETAIL ON ALL SIDEWALK RAMP
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- ALL CURB IN PATHWAY SHALL BE DEPRESSED AS PER STANDARD 606001-06
 - SEE STANDARD 424001-08 FOR SIDE CURB DETAIL ON ALL SIDEWALK RAMP
 - REFER TO GEOMETRICS SHEETS FOR SPLITTER ISLAND ELEVATIONS
 • SEE DETAIL ON THIS SHEET FOR CURB DETAIL IN SPLITTER ISLANDS

CONCRETE CURB, TYPE B (SPECIAL)



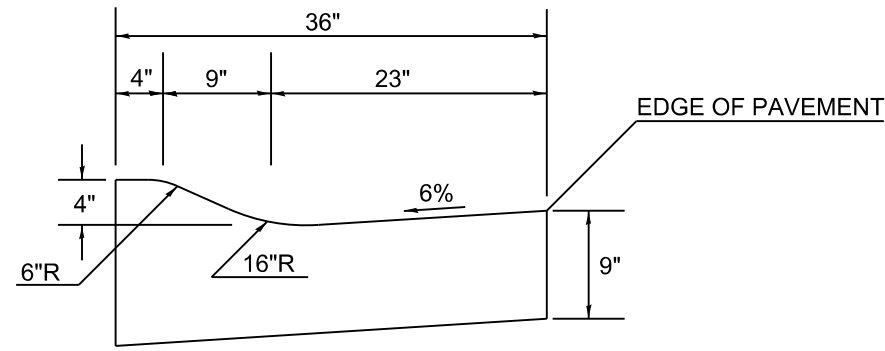
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

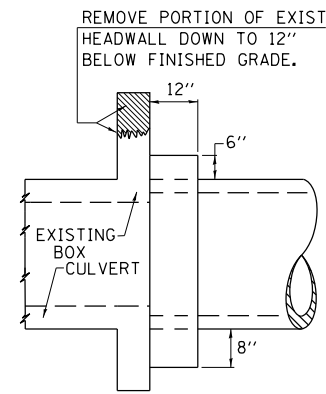
DETAIL SHEET: SIDEWALK RAMPS;
CONCRETE CURB, TYPE B (SPECIAL)

SCALE: SHEET OF SHEETS STA. TO STA.

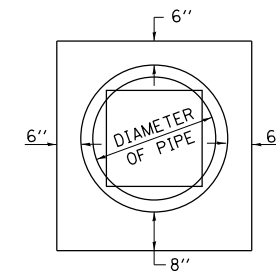
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	65
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				



COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)



SIDE VIEW



END VIEW

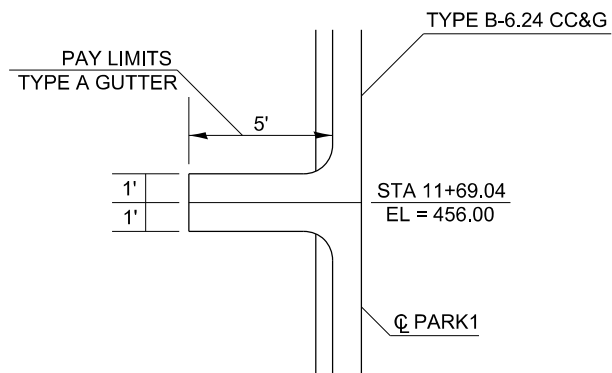
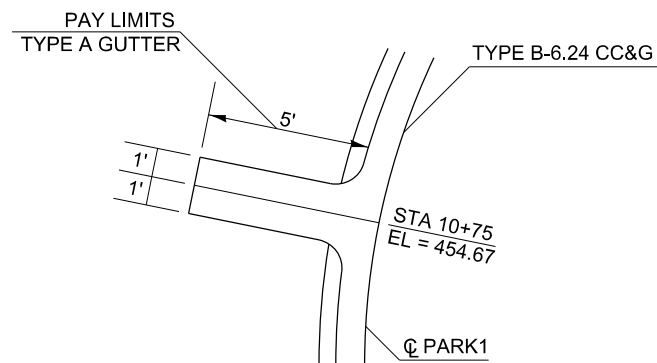
TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.16
15"	0.19
18"	0.21
24"	0.29
30"	0.37
36"	0.44
42"	0.53
48"	0.62
54"	0.71
60"	0.81
72"	1.03

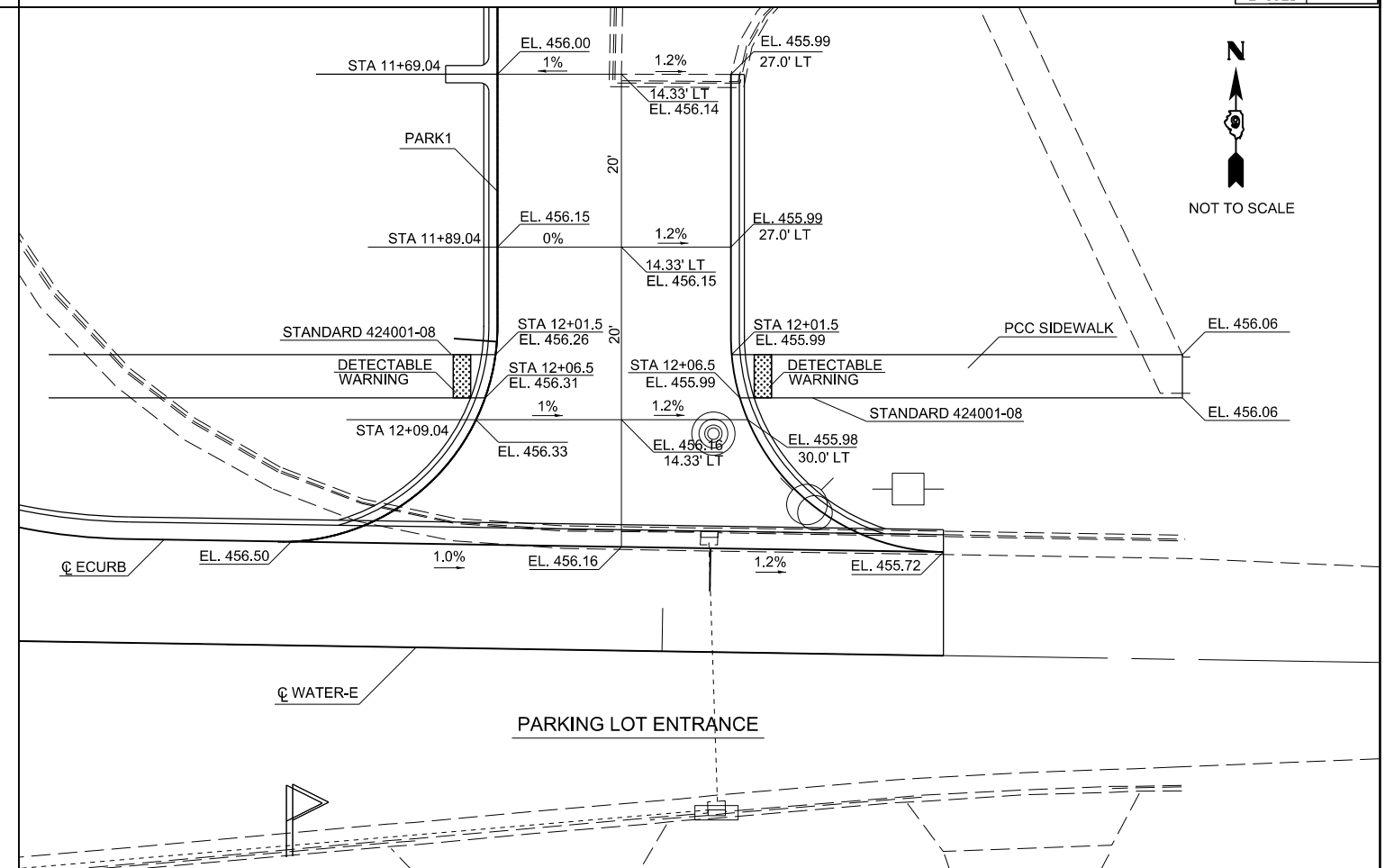
THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR **CONCRETE COLLAR**, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS OF THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-19-94
REVISED	3-25-08
REVISED	5-16-13



PARKING LOT CURB OUTLET
NOT TO SCALE



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

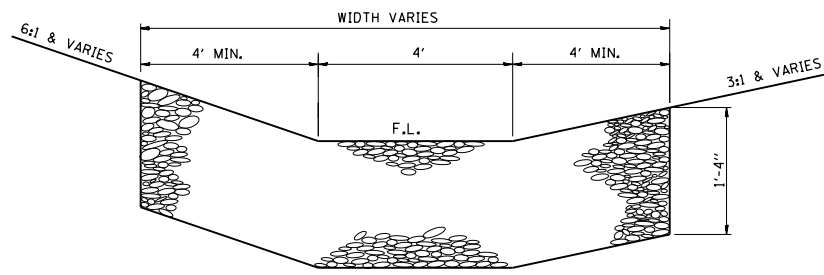
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET: COMB. CONC. CURB AND GUTTER, TYPE M (SPECIAL),
CONCRETE COLLAR, CURB OUTLET, PARKING LOT ENTRANCE,

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	66
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

TYPICAL DETAIL OF STONE RIPRAP DITCH LINING



NOTES

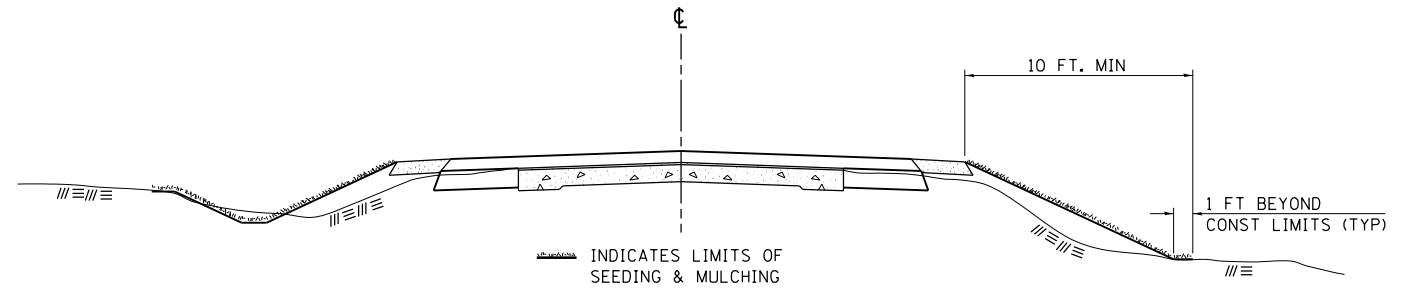
THIS WORK INCLUDES THE EARTH EXCAVATION REQUIRED TO PLACE THE RIPRAP AS SHOWN. THE MATERIAL RESULTING FROM THE EARTH EXCAVATION SHALL BE PLACED IN THE ROADWAY EMBANKMENT, OR WASTED AS DIRECTED BY THE ENGINEER. THE EARTHWORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DITCH.

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.

SEEDING & MULCHING



GENERAL NOTES

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

ON DETOUR ROADS, SLOPES SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF ANY GIVEN STAGE GRADING. TEMPORARY SEEDING SHALL BE CLASS 7.

FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDED AREAS. LIMESTONE SHALL BE APPLIED TO ALL AREAS OF FINAL SEEDING.

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

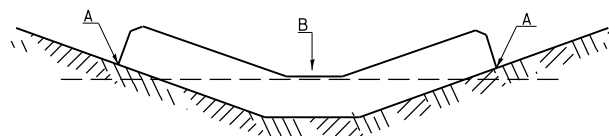
SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08
REVISED	5-16-13

STD. 9-12

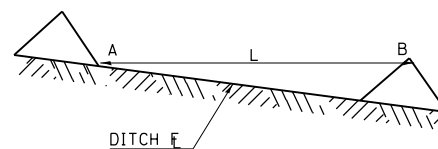
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

SPACING BETWEEN TEMPORARY DITCH CHECKS

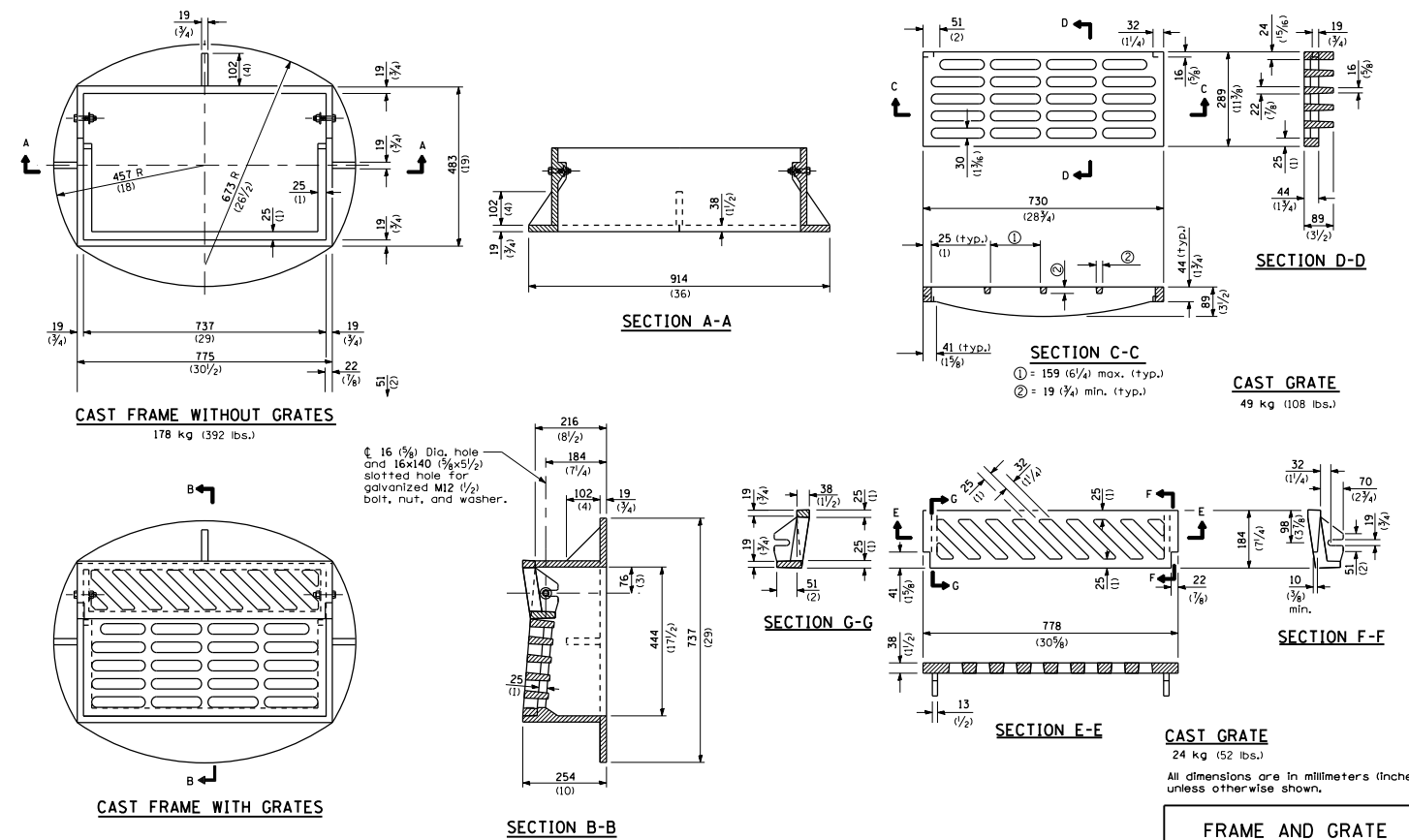


L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION

B = THE LOW POINT IN CENTER OF CHECK

REVISIONS	
DRAWN	9-01-99
REVISED	10-3-01
REVISED	5-8-08
REVISED	05-04-10
REVIEWED	5-17-13

STD. 9-108



FRAME AND GRATE TYPE 9C

All dimensions are in millimeters (inches) unless otherwise shown.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

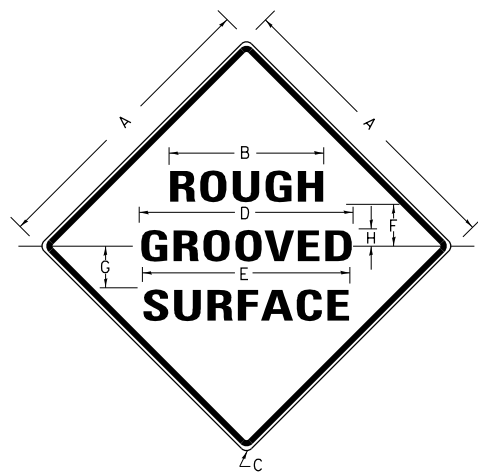
DETAIL SHEET: STONE RIP-RAP DITCH LINING, SEEDING AND MULCHING,
AND TEMPORARY DITCH CHECK, FRAME & GRATE TYPE 9C

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	67
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS STANDARD



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			MARGIN	BORDER	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.

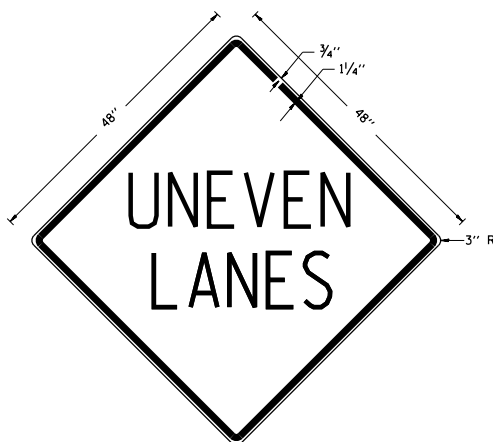
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

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
REVIEWED	5-17-13

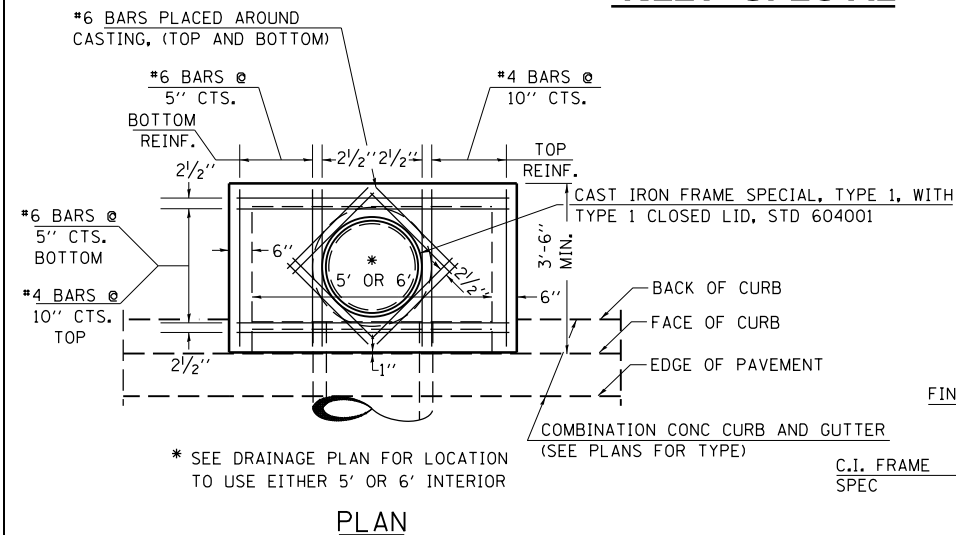
STD. 9-41

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET: ROUGH GROOVED SURFACE SIGN, UNEVEN LANE SIGN,
INLET SPECIAL

SCALE: SHEET OF SHEETS STA. TO STA.

INLET SPECIAL

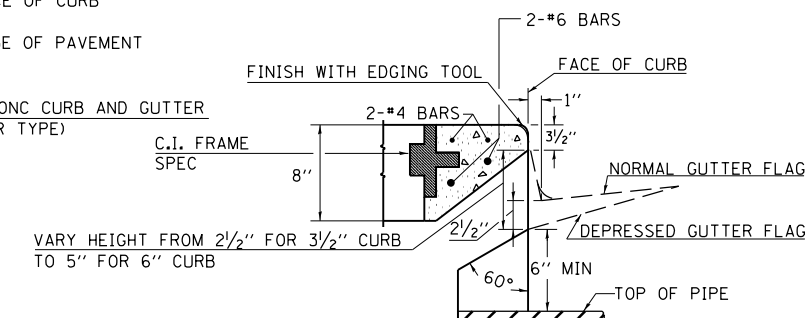


* SEE DRAINAGE PLAN FOR LOCATION TO USE EITHER 5' OR 6' INTERIOR

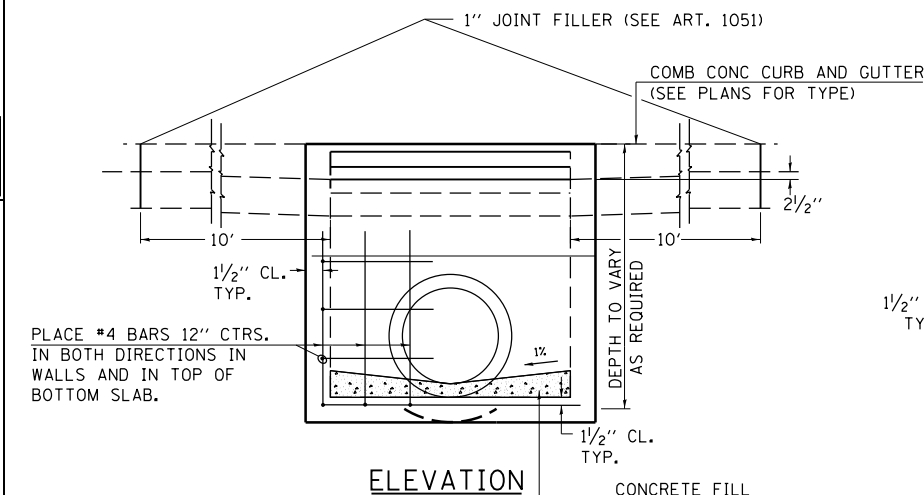
PLAN

"D" TABLE

DESIGN	PIPE DIA	"D"
A	18" & LESS	2'-6"
B	21" & 24"	3'-0"
C	27" & 30"	3'-7"
D	33" & 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



SECTION AT WEIR



ELEVATION

NOTES:

PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

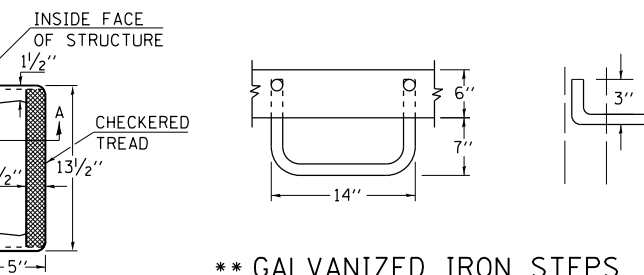
GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLET, SPECIAL**, WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT STANDARD SPECIFICATIONS SECTIONS 602 AND 1042.

**STEPS WILL BE REQUIRED AT 12" SPACING WHEN INLET IS OVER 4' DEEP. SEE ARTICLE 602.08 OF THE STANDARD SPECS AND DETAILS

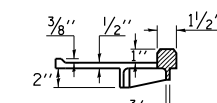
CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.



SEC. A-A

**** CAST IRON STEPS**

TREAD DIMENSION DETAILS SEE HWY STD 602701



**** GALVANIZED IRON STEPS**

1" ROUND GALVANIZED IRON STEPS 12" O.C. (OPTIONAL STEPS)

REVISIONS			
REDRAWN	2-15-89	REVISED	3-26-08
REVISED	8-15-94	REVISED	4-10-13
REVISED	1-19-99	REVISED	
REVISED	5-6-04	REVISED	

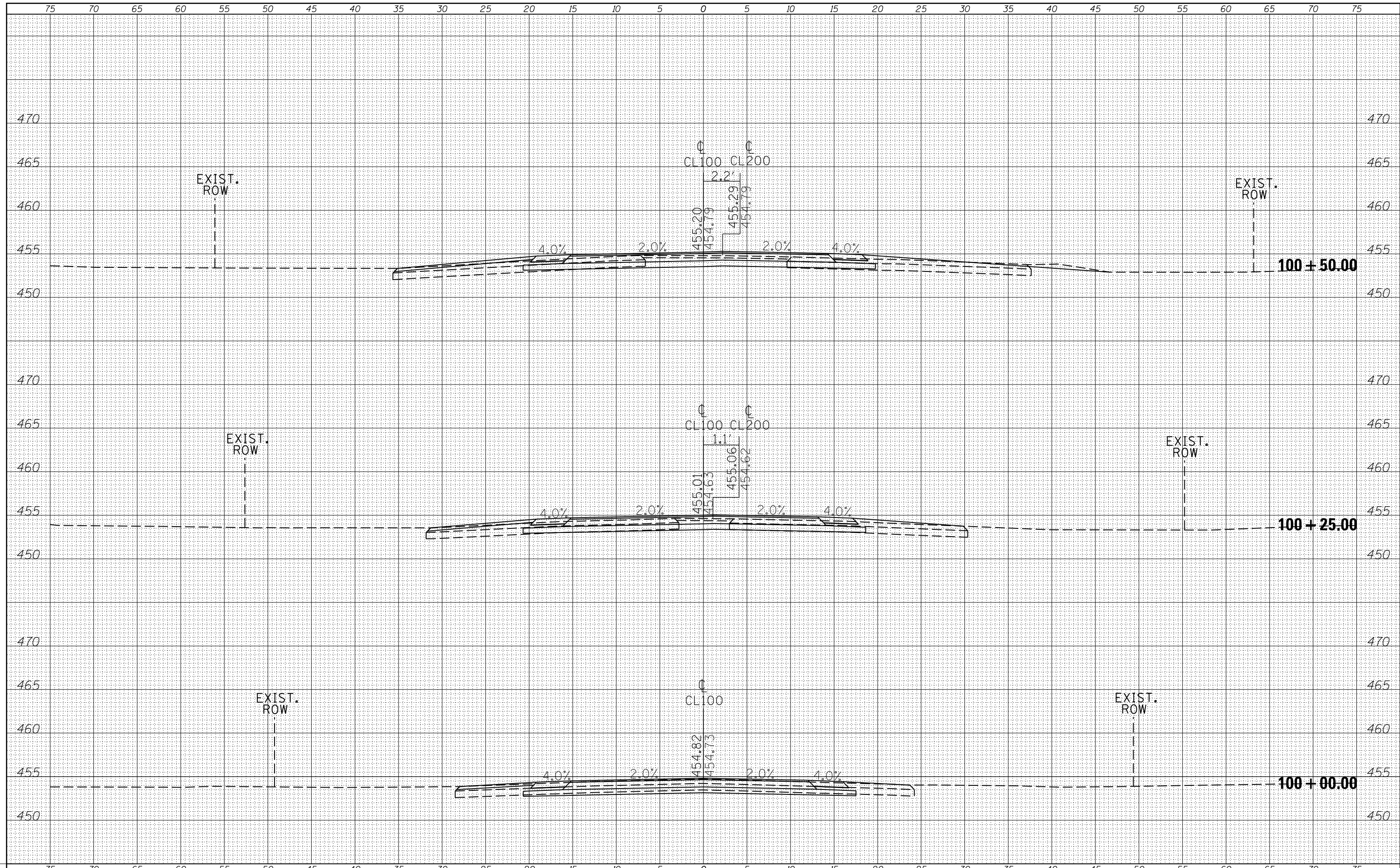
STD. 9-1

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	PLOT DATE = 3/27/2015	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	68
CONTRACT NO. 78398				
ILLINOIS FED. AID PROJECT				

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

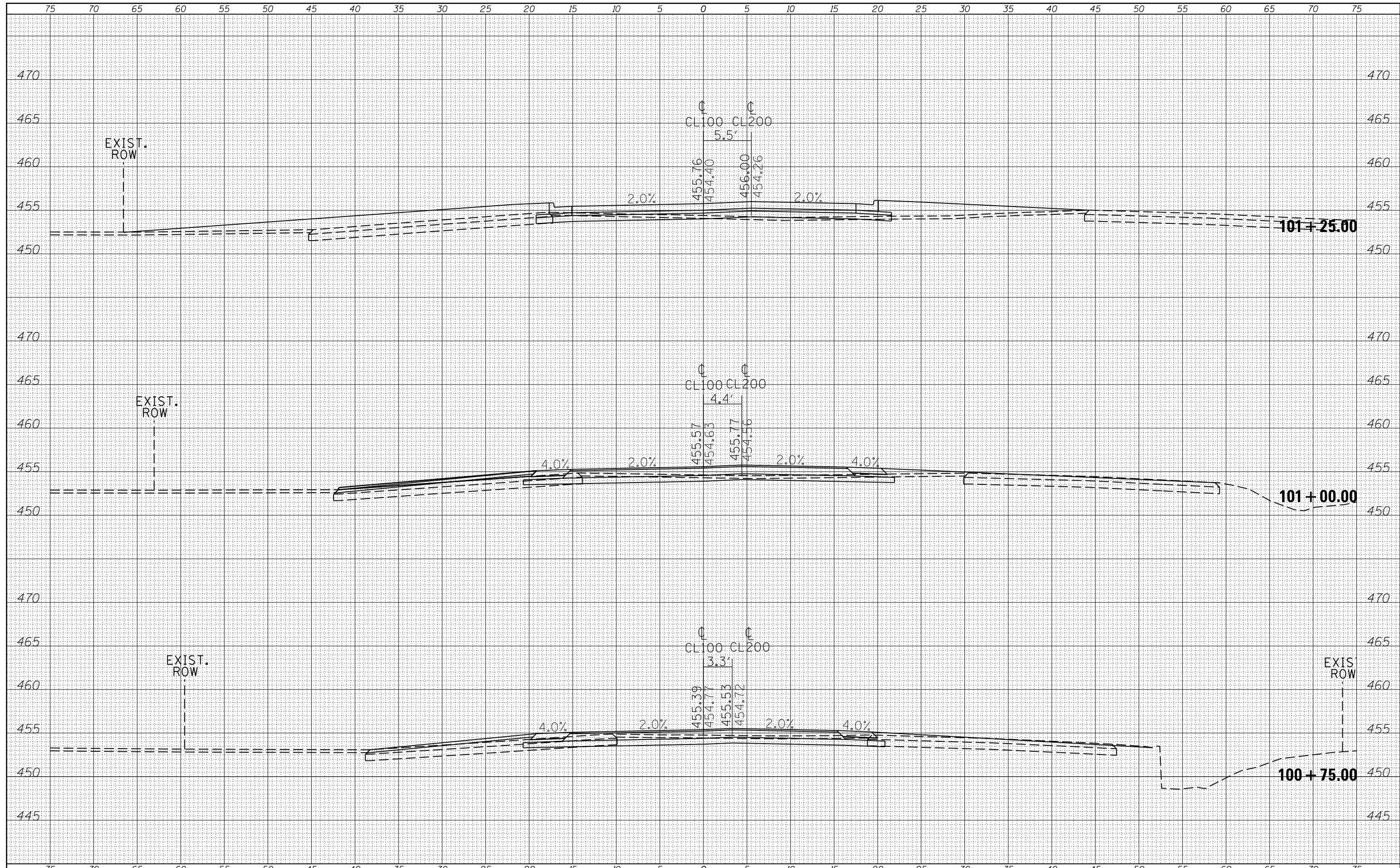
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



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		DATE -	REVISÉD -					ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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FINAL SURVEY	
NOTE BOOK	
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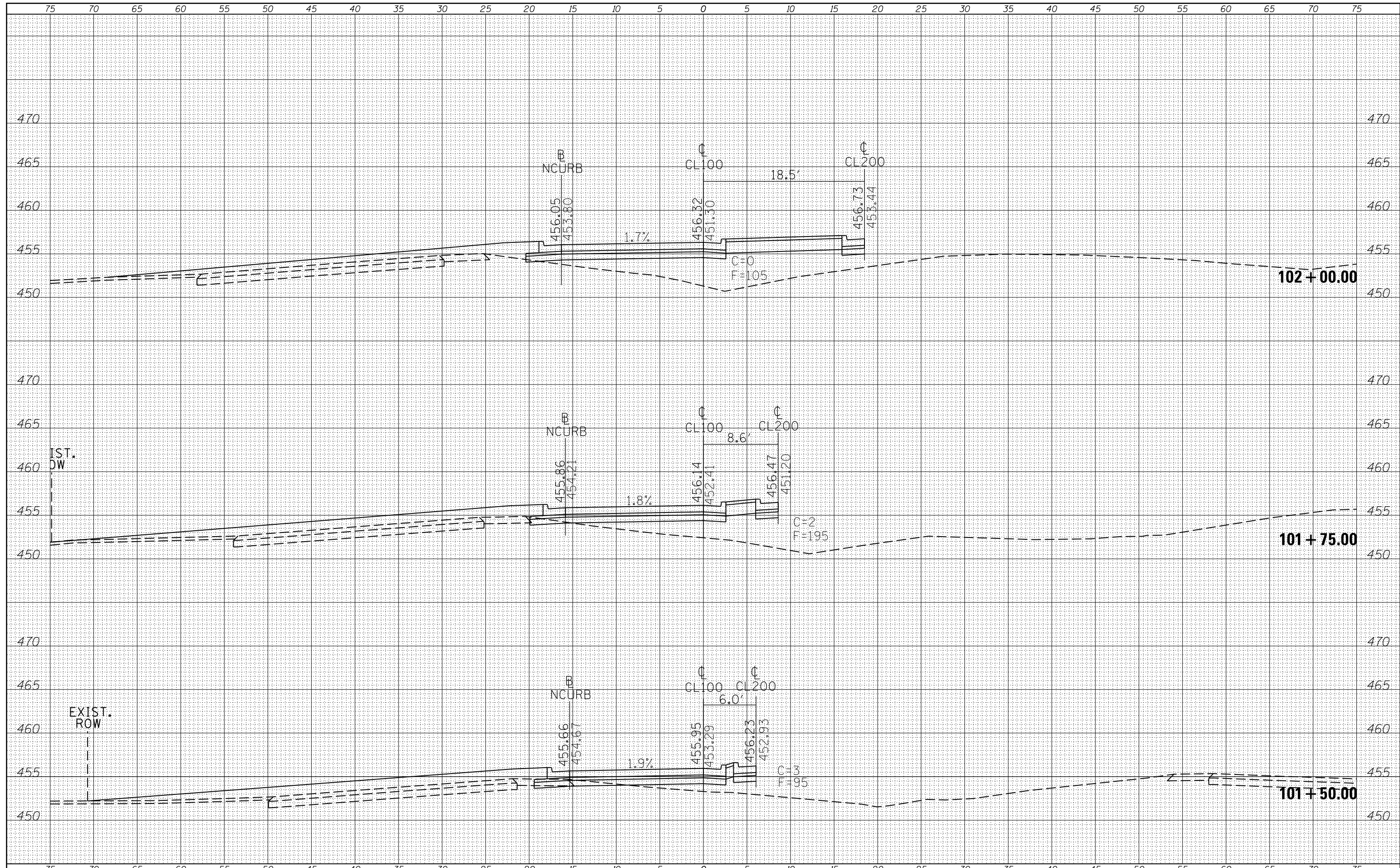
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NOTE BOOK	
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MODELNAME		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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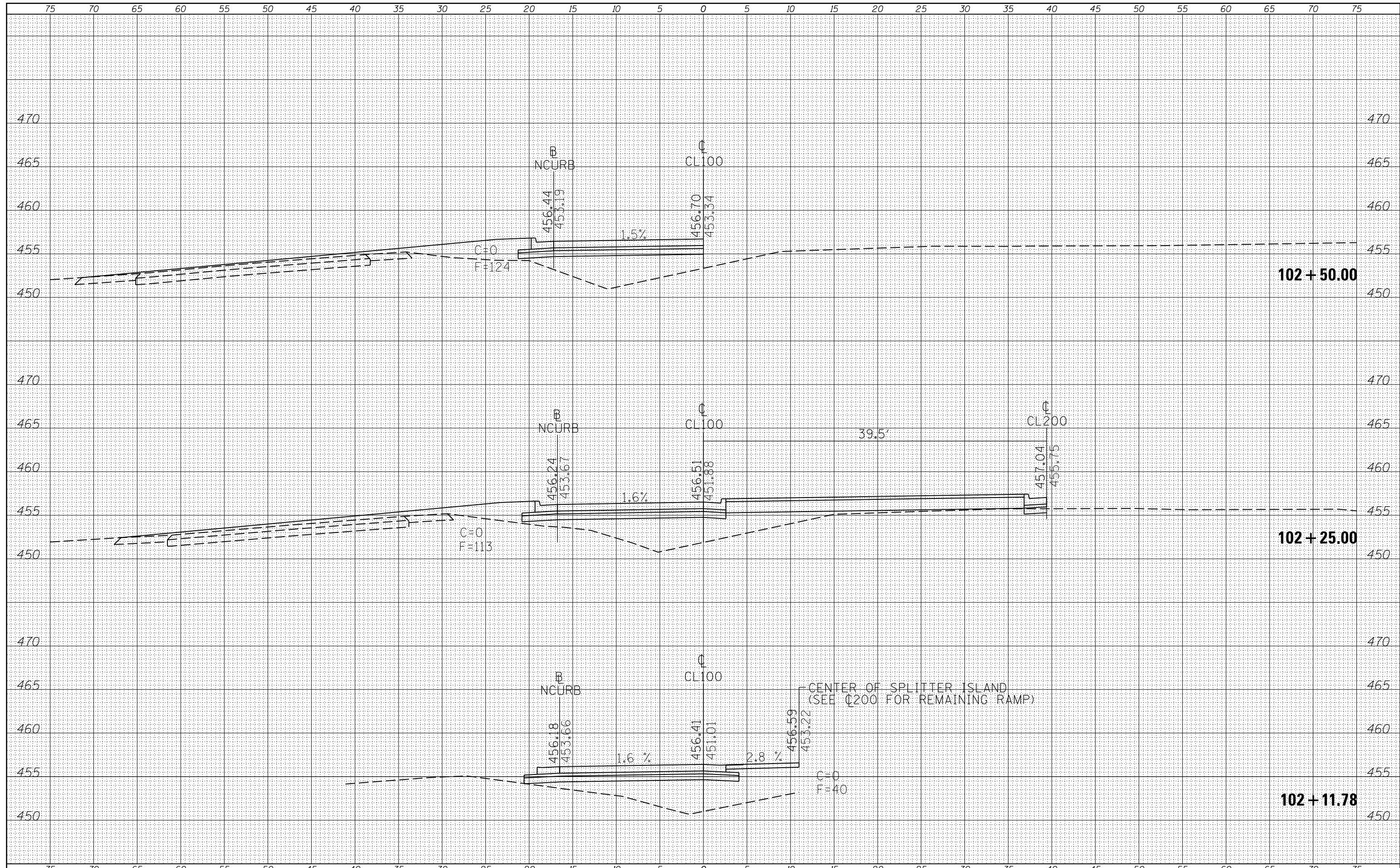
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL100	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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MODELNAME		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

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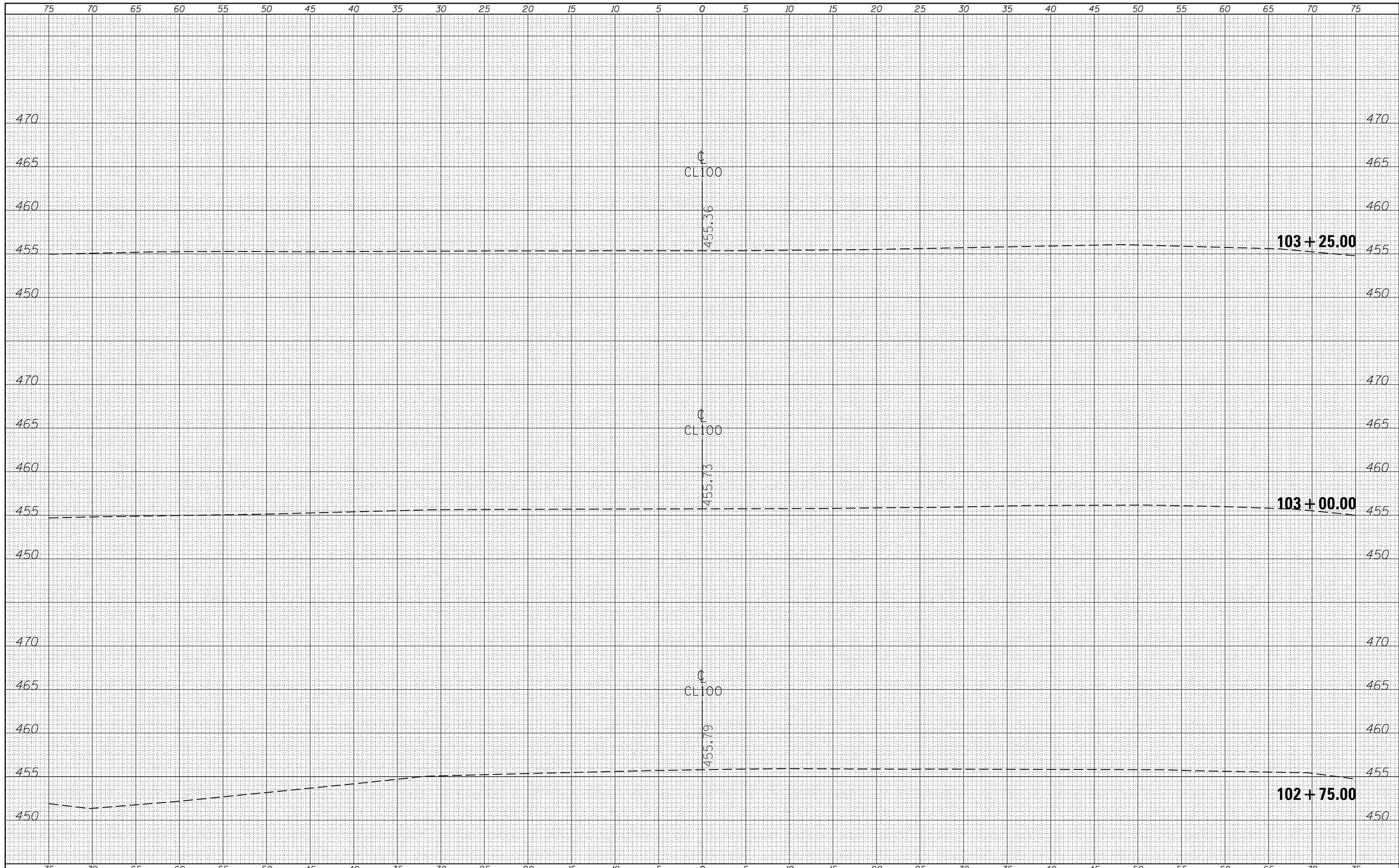
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NOTE BOOK	
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MODELNAME\$		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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FINAL SURVEY	
NOTE BOOK	
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NOTE BOOK	
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DESIGNED -
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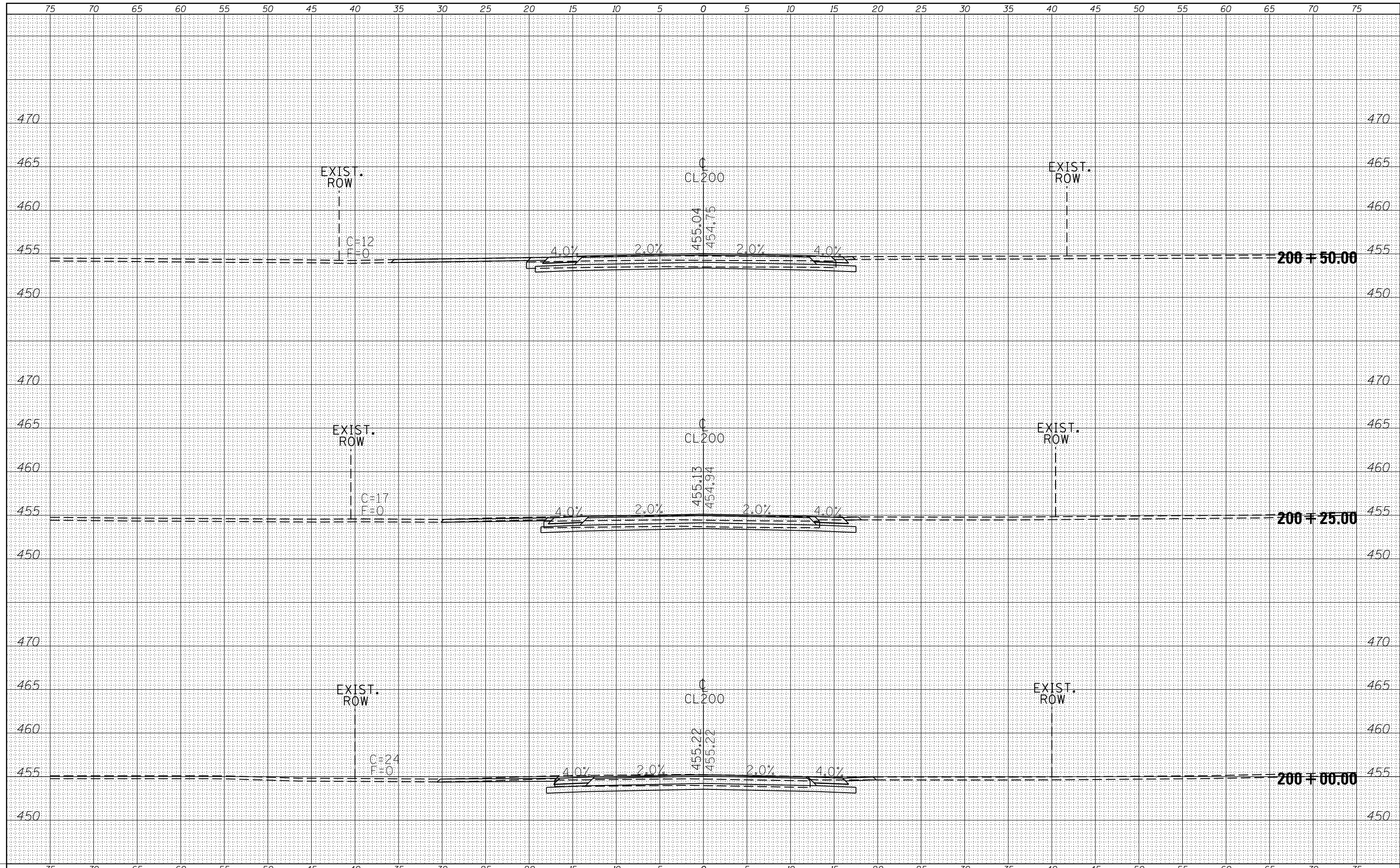
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 CL100**
 SCALE: SHEET OF SHEETS STA. 102+75.00 TO STA. 103+25.00

F.A.P. RTE. 103/329	SECTION (103,17)N-1	COUNTY PERRY	TOTAL SHEETS 127	SHEET NO. 73
CONTRACT NO. 78398			ILLINOIS FED. AID PROJECT	

DATE	
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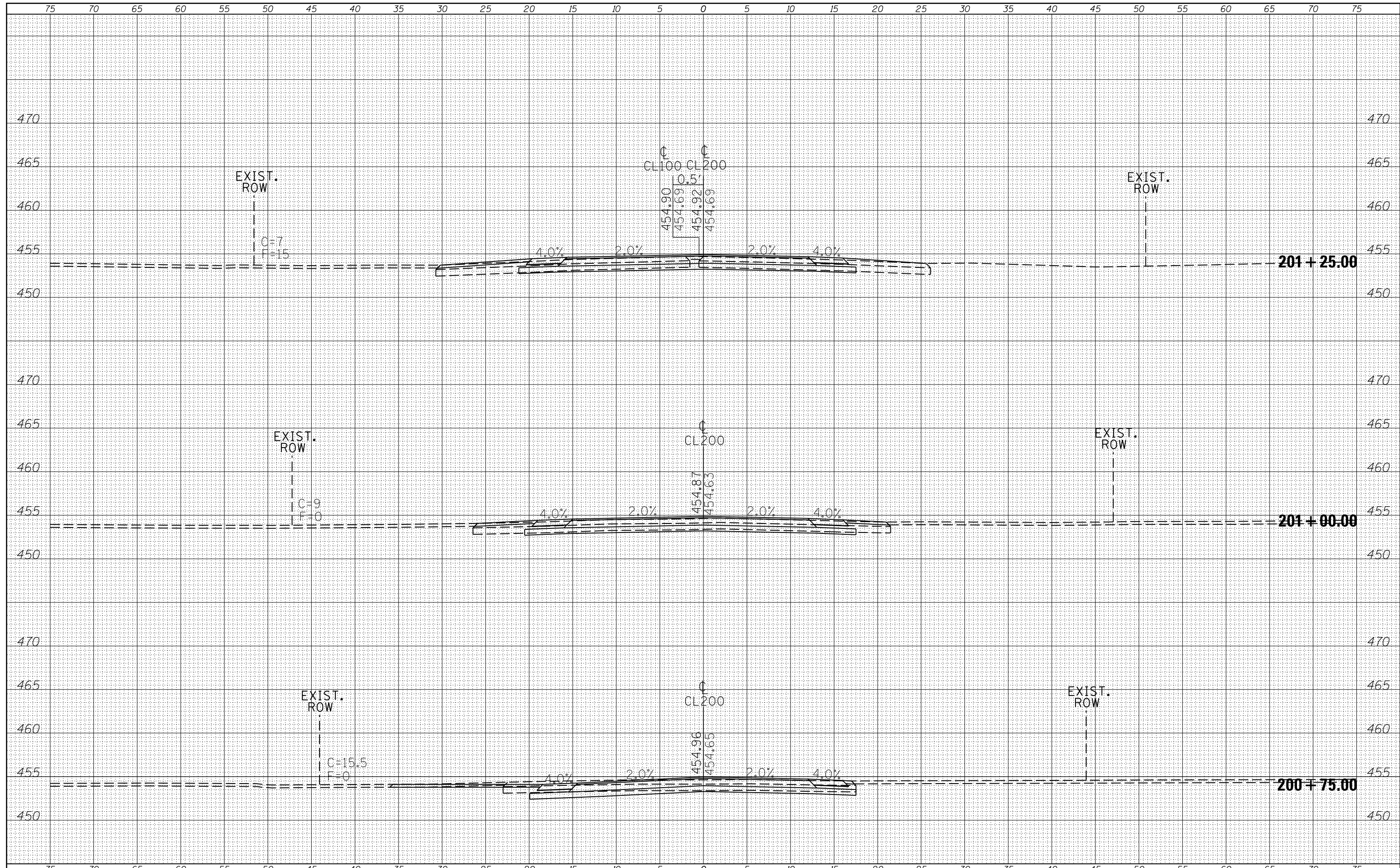
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NOTE BOOK	
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		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 200+00.00	TO STA. 200+50.00	CONTRACT NO. 78398	
MODELNAME		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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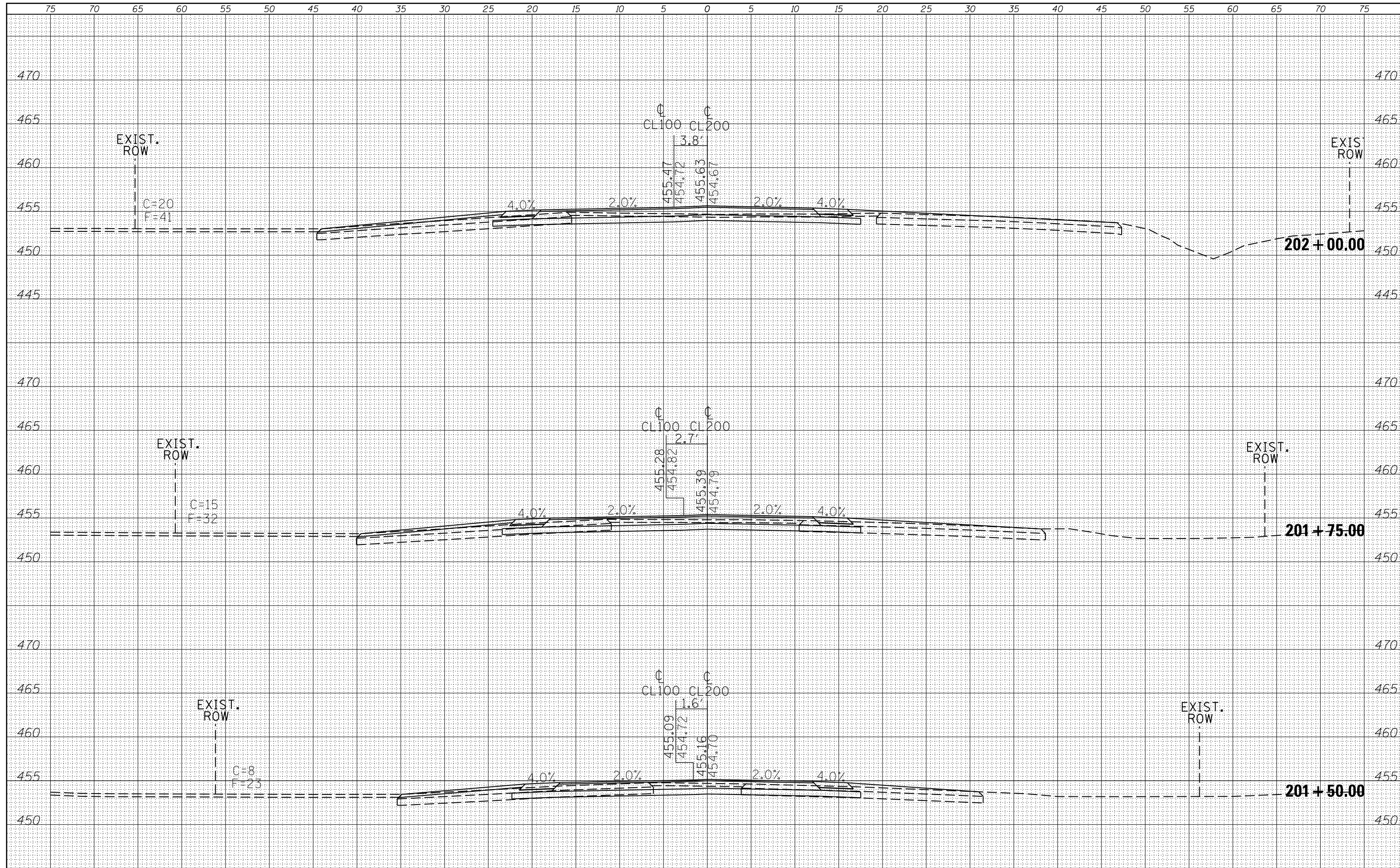
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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		CHECKED -	REVISED -		SCALE:			CONTRACT NO. 78398				
MODELNAME		DATE -	REVISED -		SHEET OF SHEETS STA. 200+75.00 TO STA. 201+25.00			ILLINOIS FED. AID PROJECT				

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

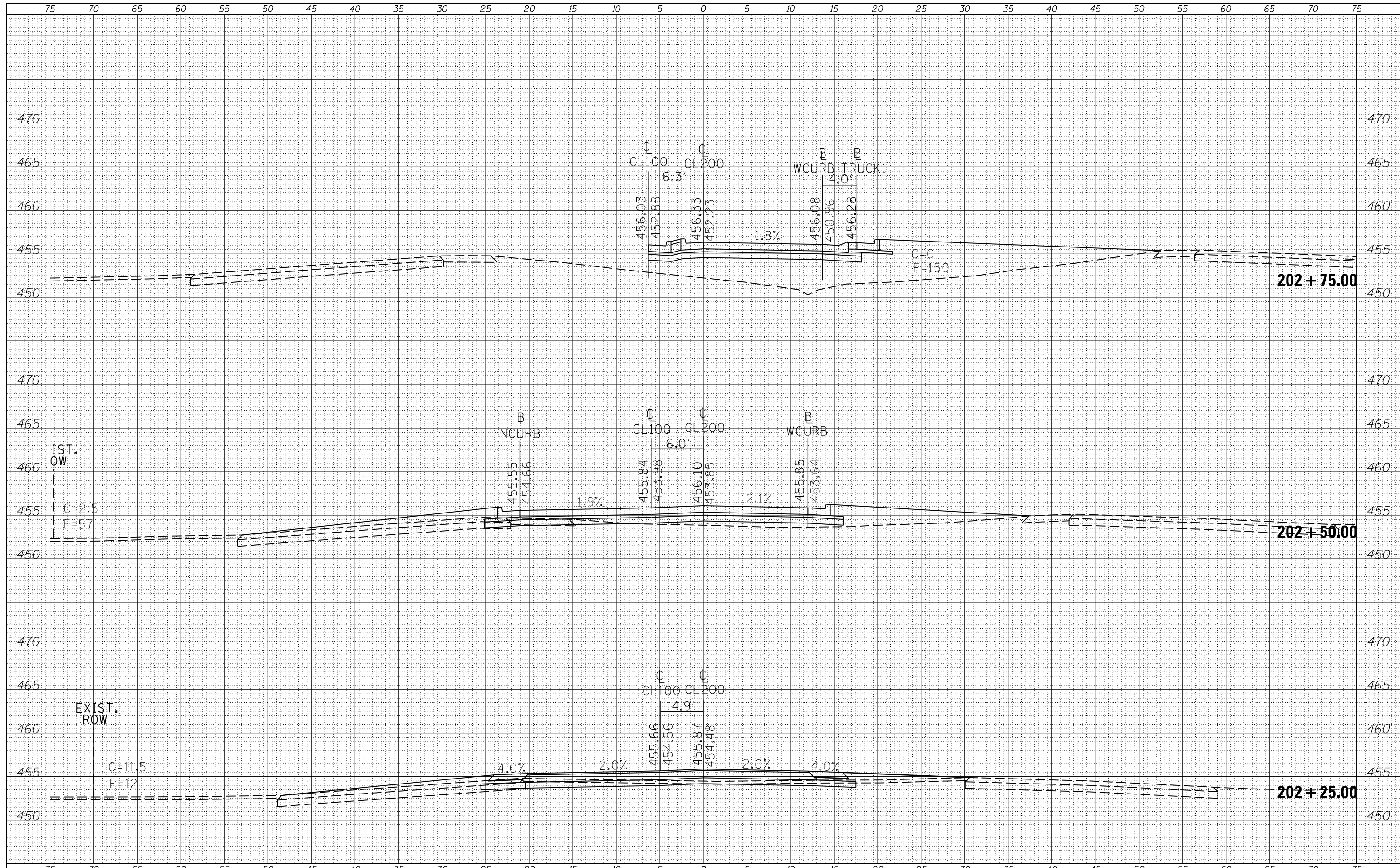
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 201+50.00 TO STA. 202+00.00			CONTRACT NO. 78398				
MODELNAME		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

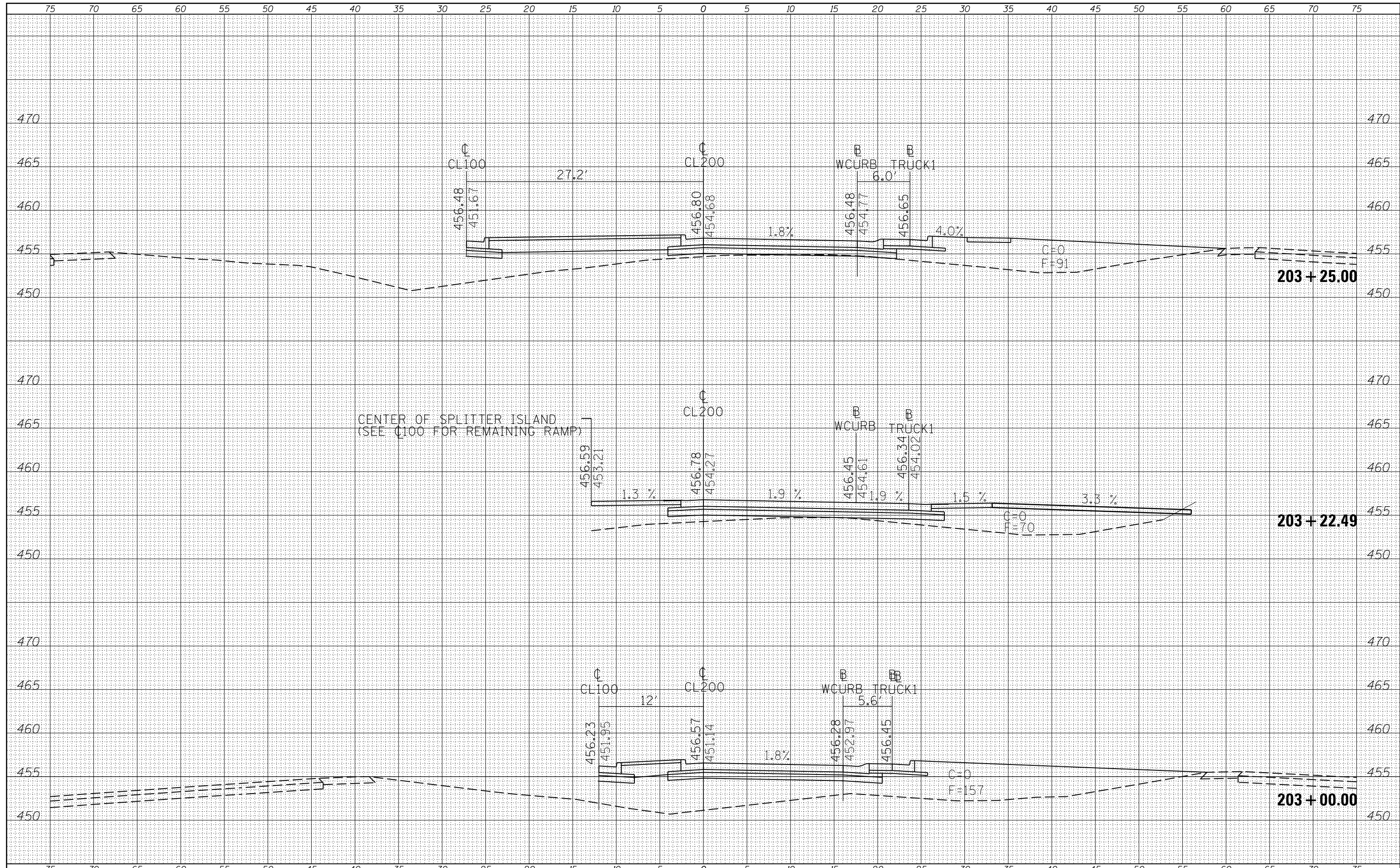
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BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
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DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

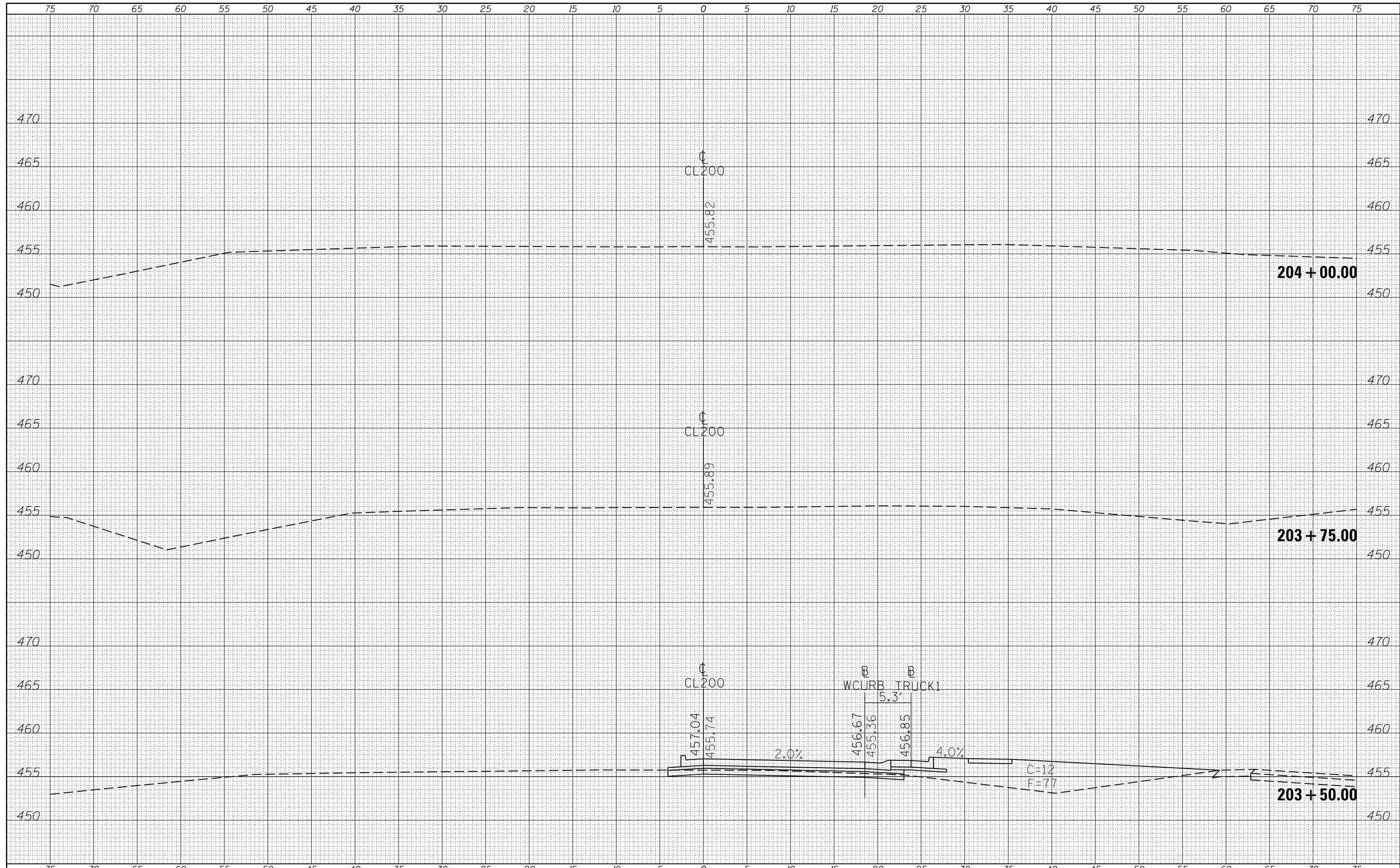
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PLOT DATE = 3/27/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

DATE	
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SURVEYED	
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NOTE BOOK	
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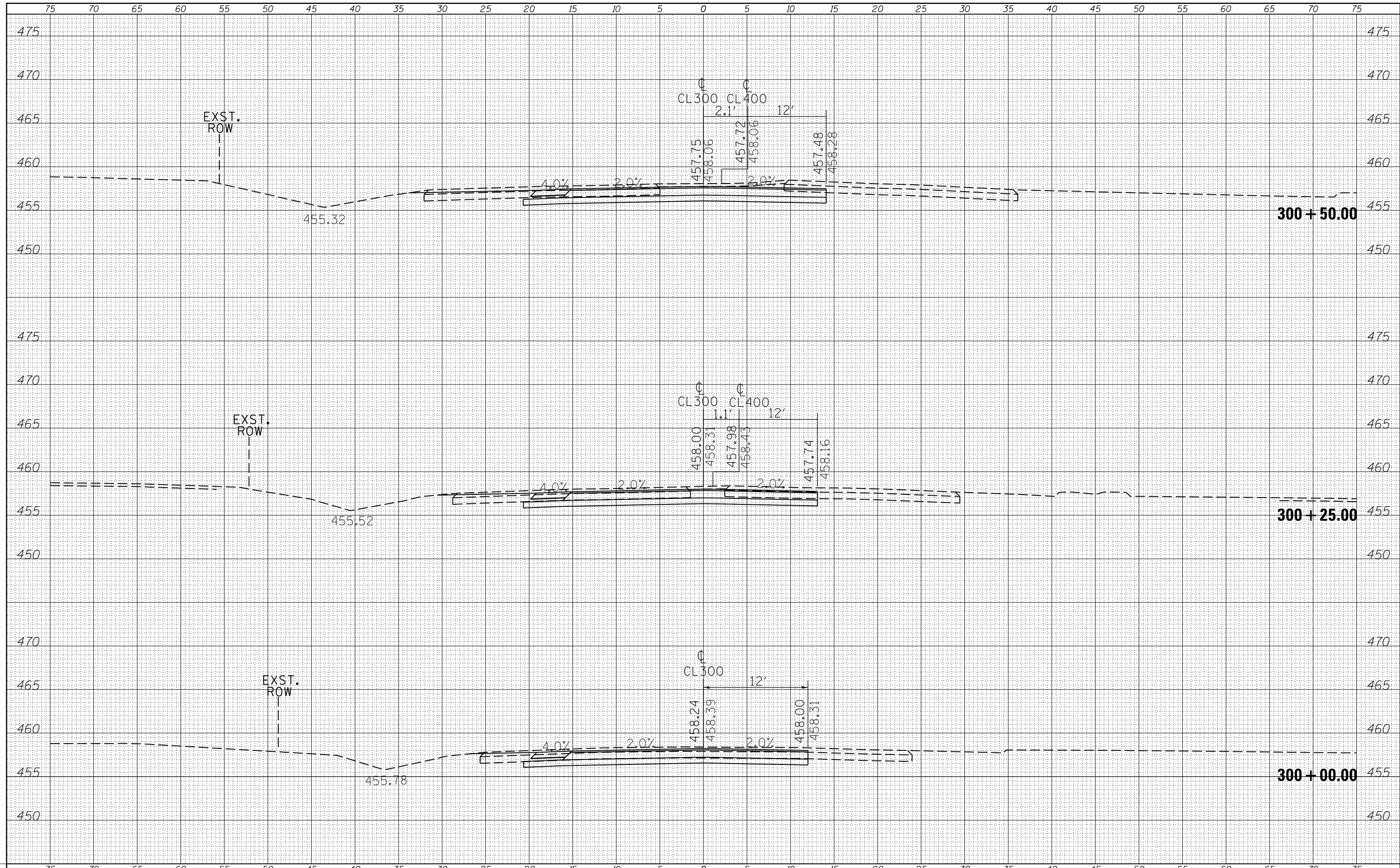
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NOTE BOOK	
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 203+50.00	TO STA. 204+00.00	CONTRACT NO. 78398	
MODELNAME		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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NOTE BOOK	
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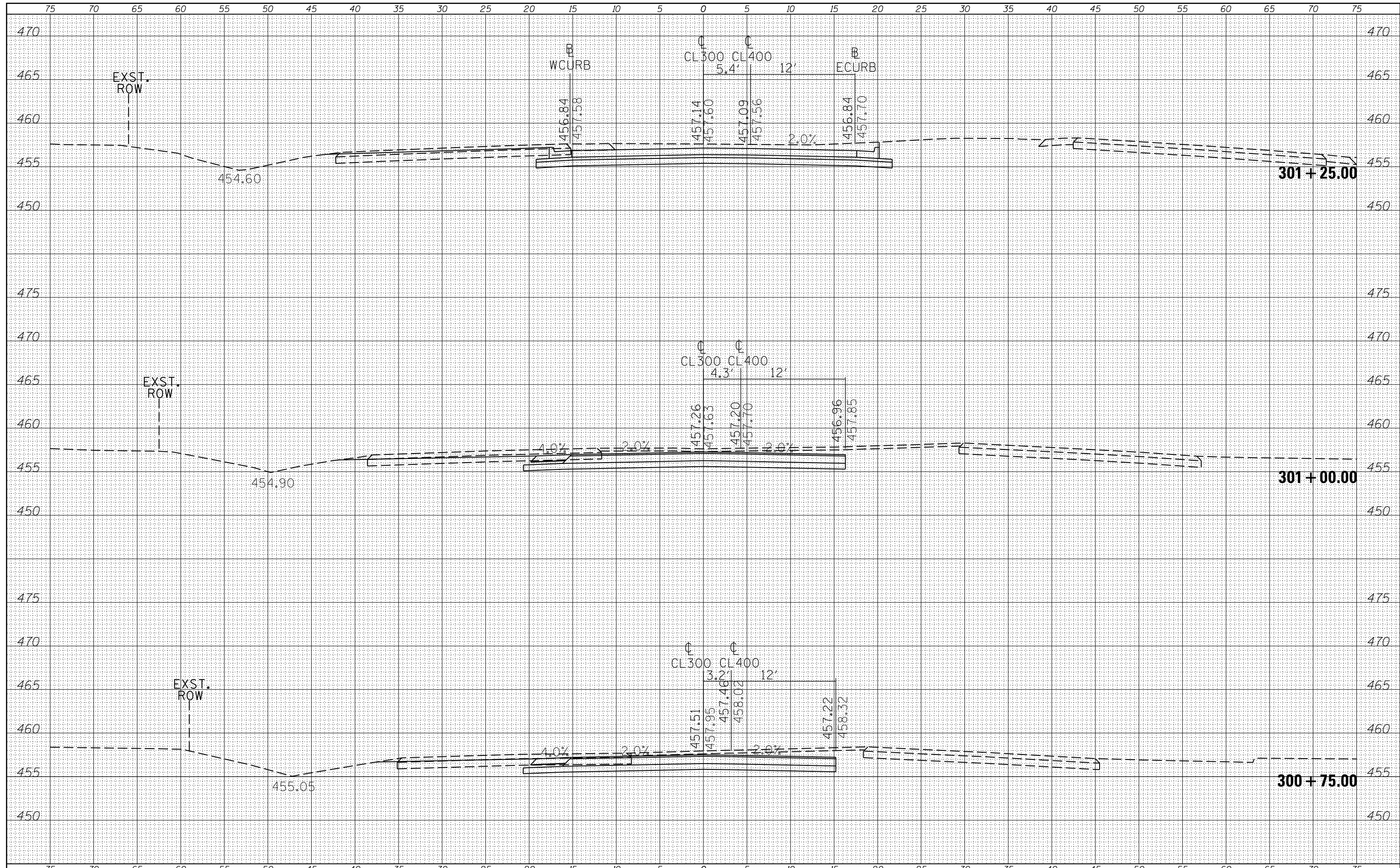
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NOTE BOOK	
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL300		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\greenlees\10370321\78398-sh		DRAWN -	REVISED -				103/329	(103,17)N-1	PERRY	127	80	
		CHECKED -	REVISED -				CONTRACT NO. 78398					
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT					
\$MODELNAME\$	PLOT DATE = 3/27/2015				SCALE:	SHEET	OF	SHEETS	STA. 300+00.00	TO STA. 300+50.00		

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
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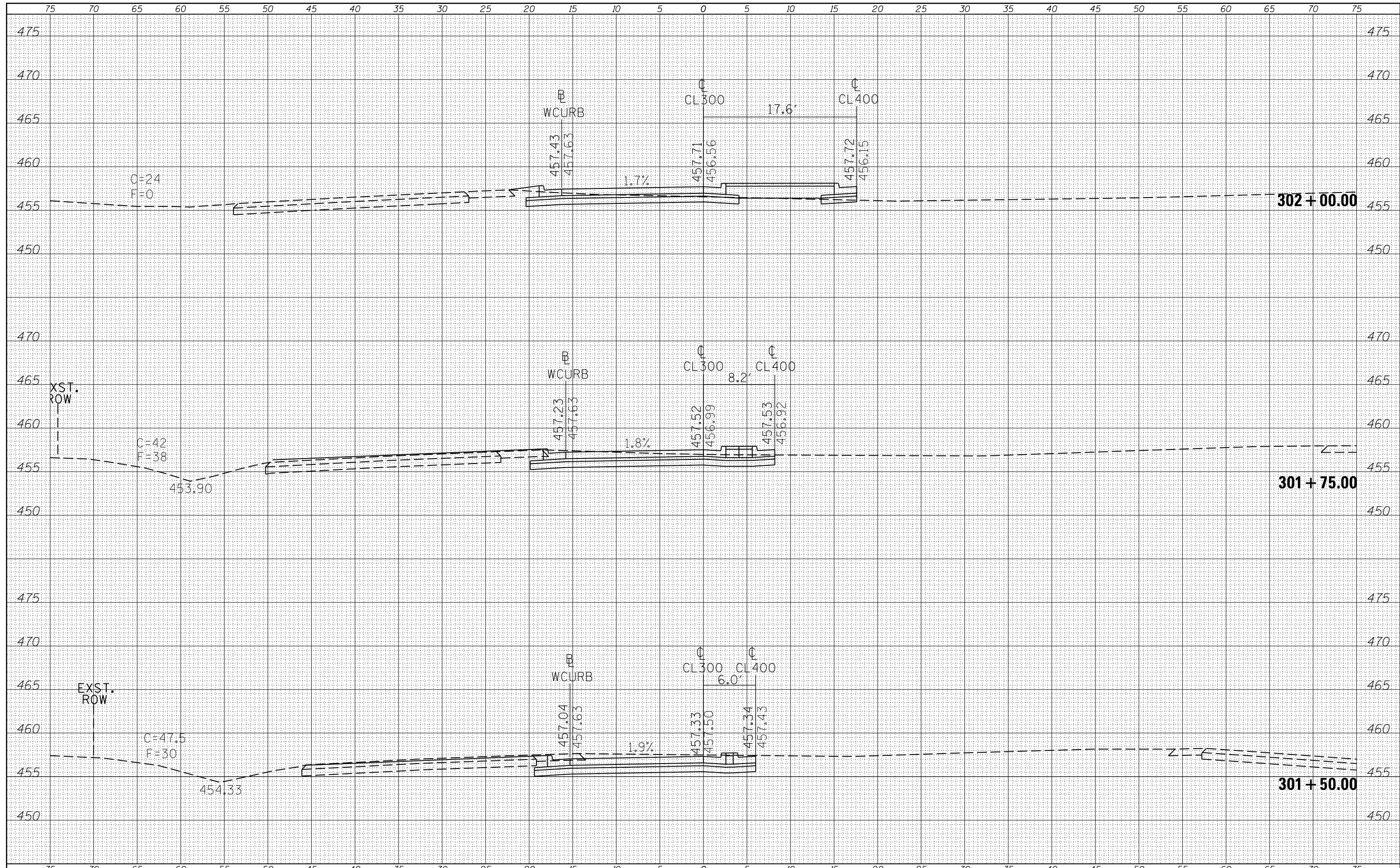
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\$MODELNAME\$	PLOT DATE = 3/27/2015	DATE -	REVISIED -	SCALE: SHEET OF SHEETS STA. 300+75.00 TO STA. 301+25.00		ILLINOIS FED. AID PROJECT				

DATE	
BY	
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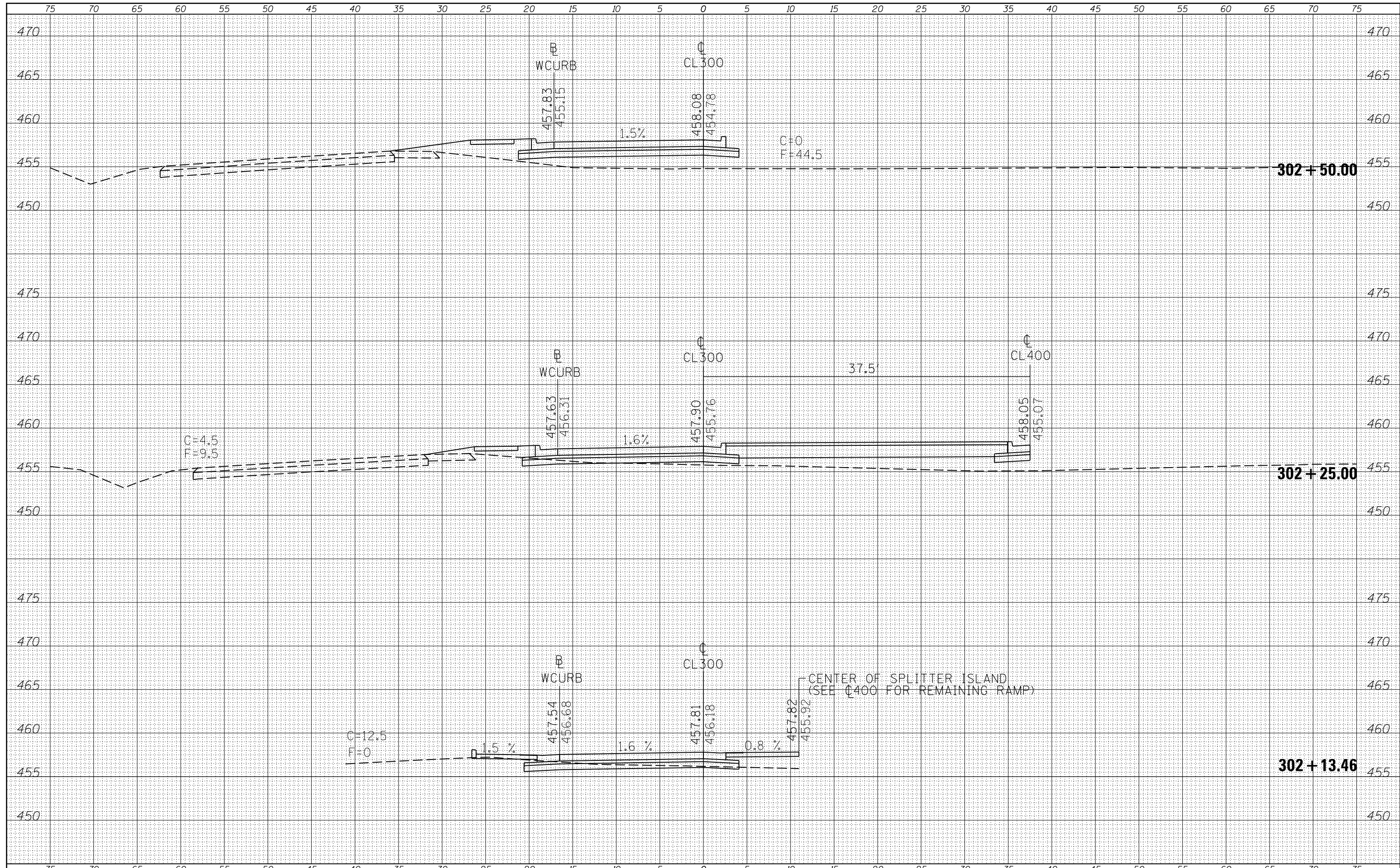
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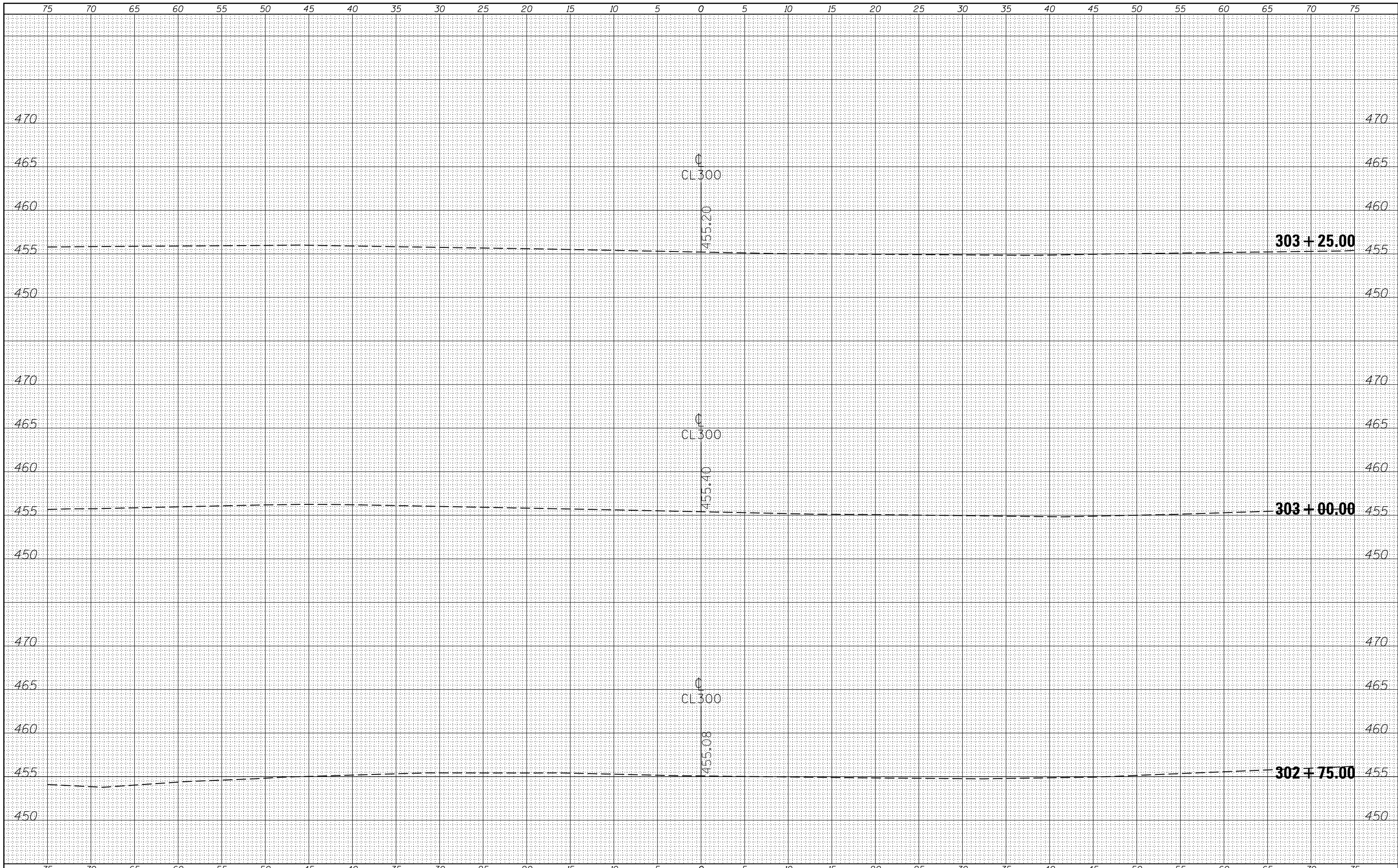
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MODELNAME		DATE -	REVISD -		ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
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ORIGINAL SURVEY NO.	
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\$MODELNAME\$		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

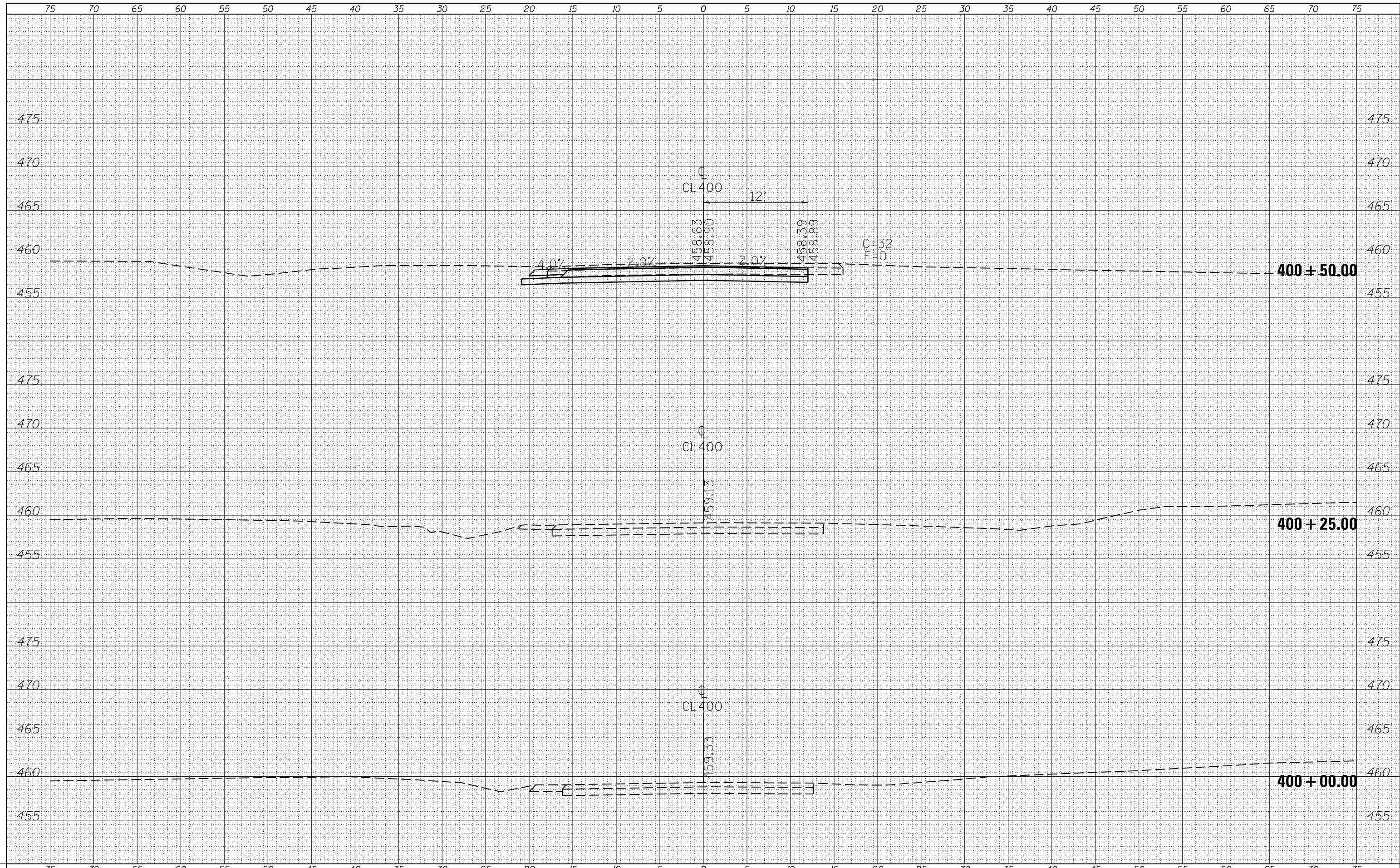
**CROSS SECTIONS
CL300**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103/329	(103,17)N-1	PERRY	127	84
CONTRACT NO. 78398			ILLINOIS FED. AID PROJECT	

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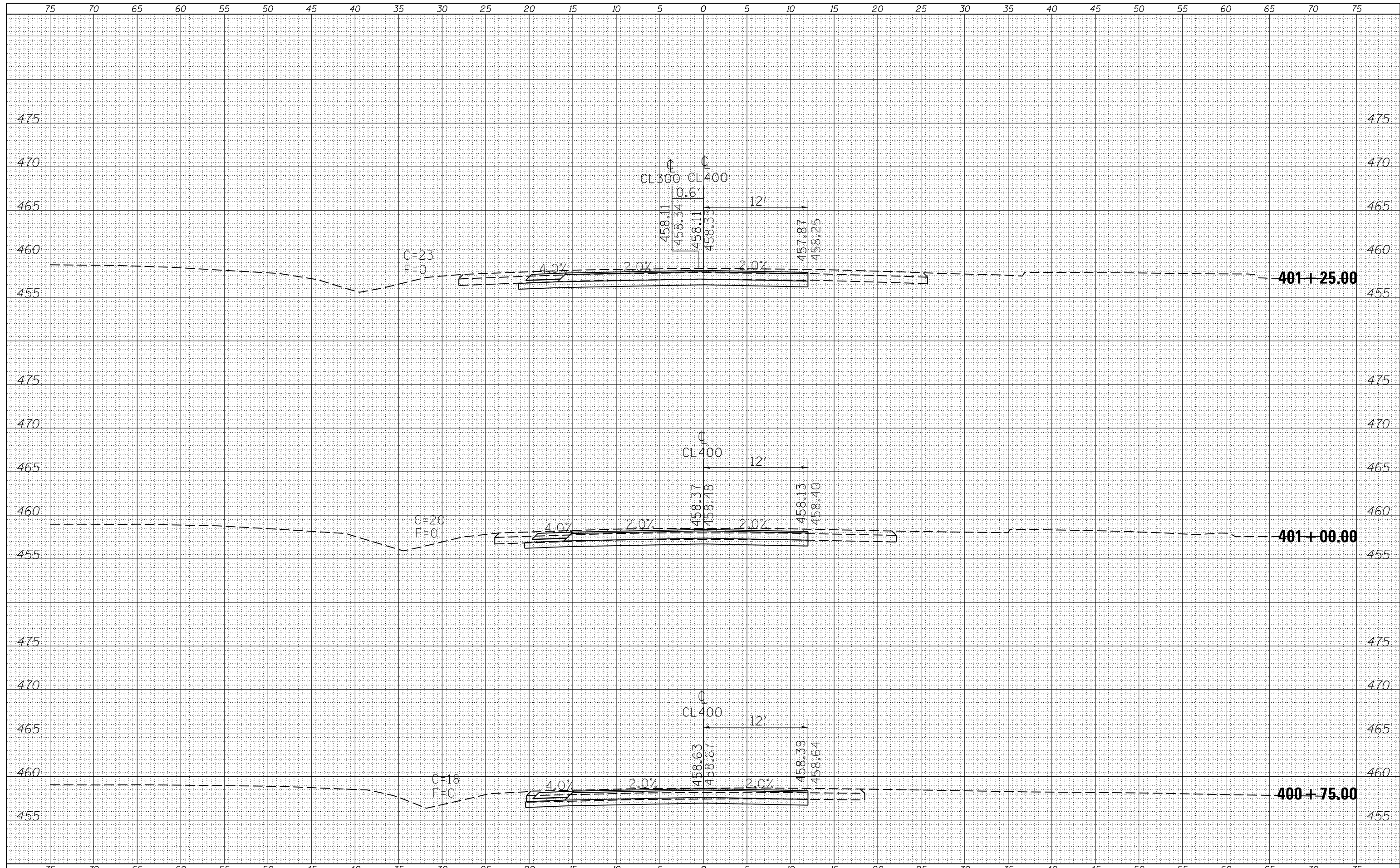
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL400			F.A.P. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\greenlees\10370321\78398-sh		DRAWN -	REVISED -					103/329	(103,17)N-1	PERRY	127	85
MODELNAME		CHECKED -	REVISED -					CONTRACT NO. 78398			ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -					SCALE:	SHEET	OF	SHEETS	STA. 400+00.00 TO STA. 400+50.00

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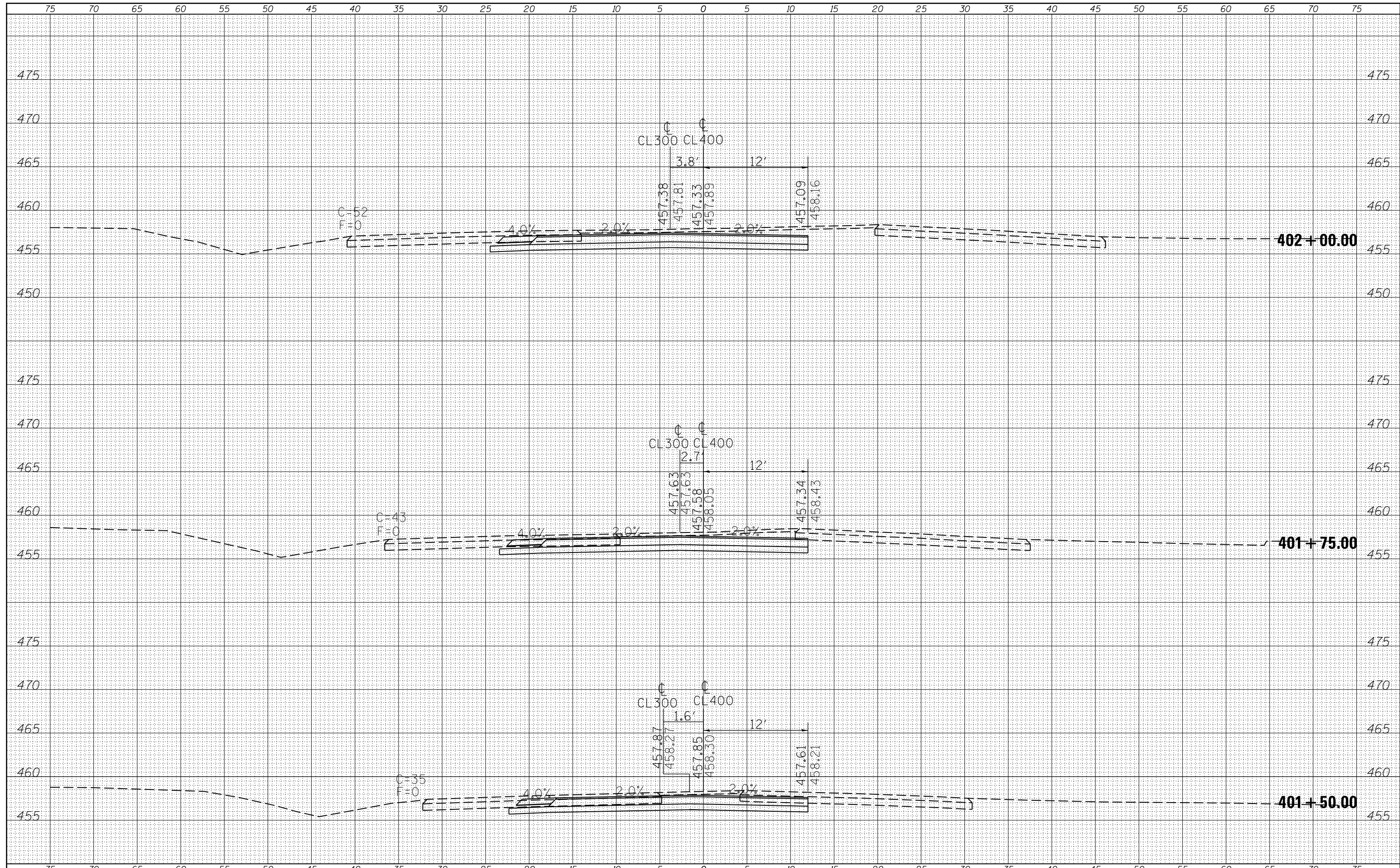
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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MODELNAME	PLT DATE: 3/27/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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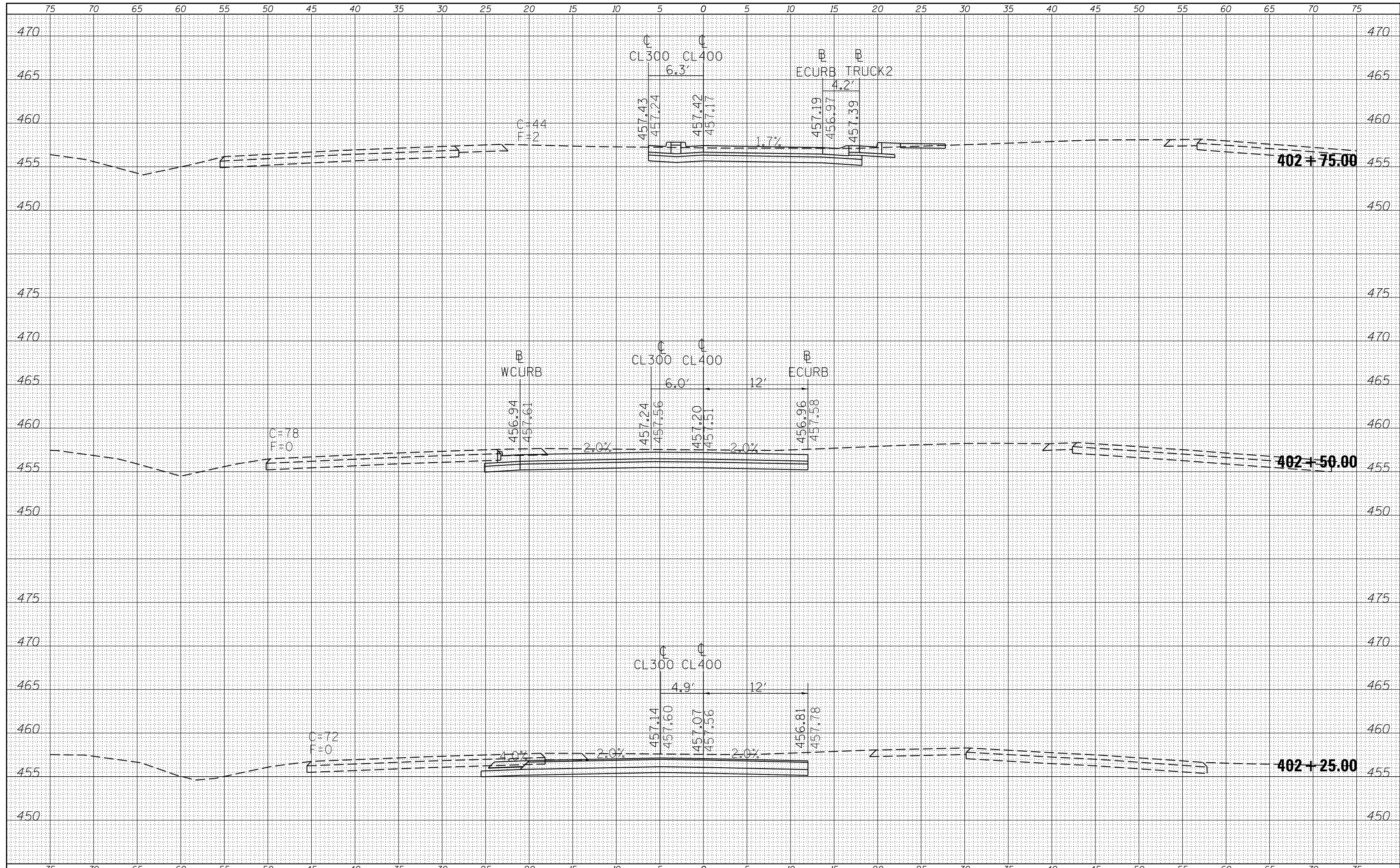
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL400			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\greenlees\10370321\78398-sh-xsections.dgn		DRAWN -	REVISED -					103/329	(103,17N-1)	PERRY	127	87
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 401+50.00 TO STA. 402+00.00			CONTRACT NO. 78398				
MODELNAME		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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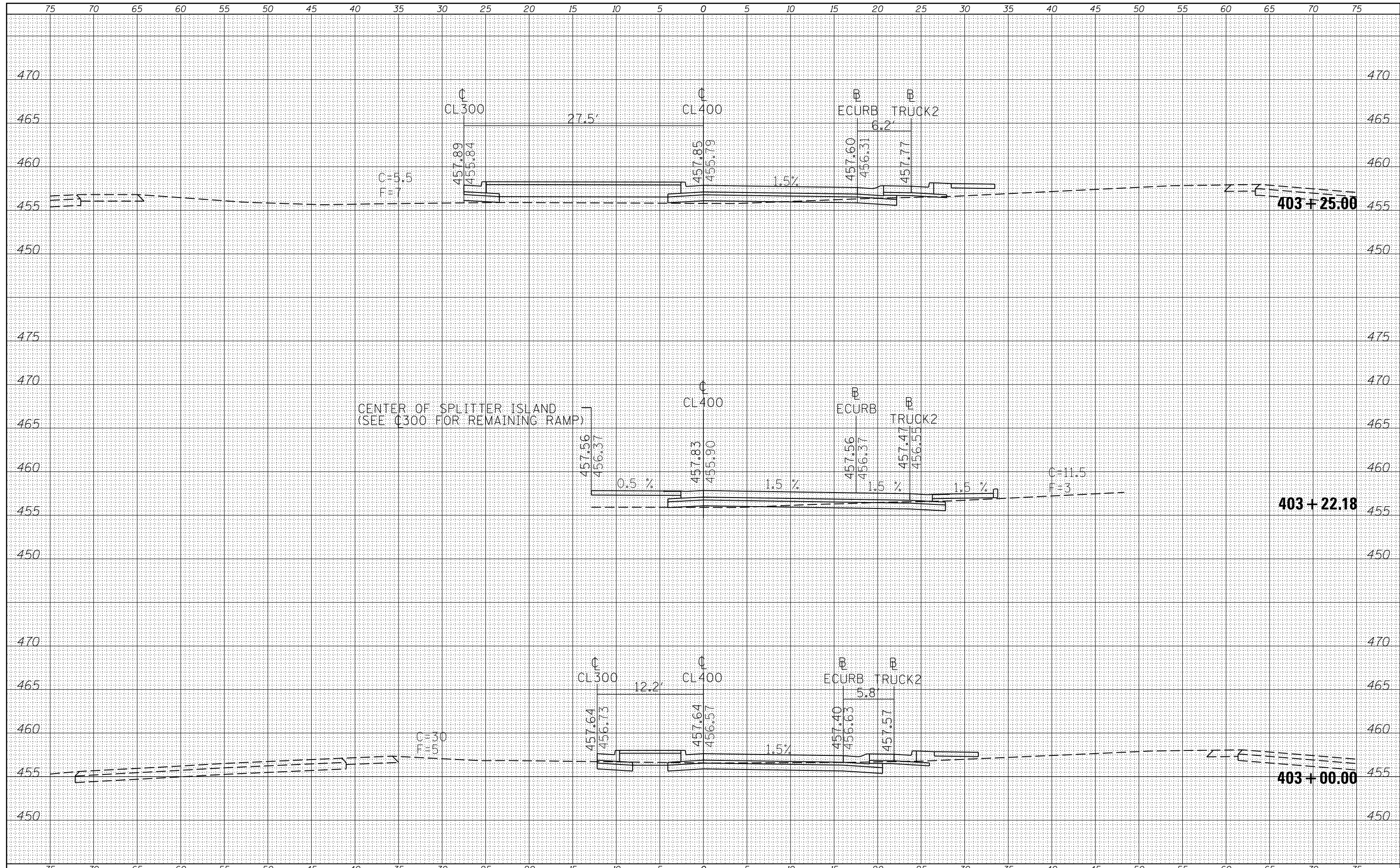
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL400		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pwidot\greenleesm\d0370321\78398-sh		DRAWN -	REVISED -		103/329	(103,17)N-1	PERRY	127	88	CONTRACT NO. 78398		
\$MODELNAME\$		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 402+25.00	TO STA. 402+75.00	ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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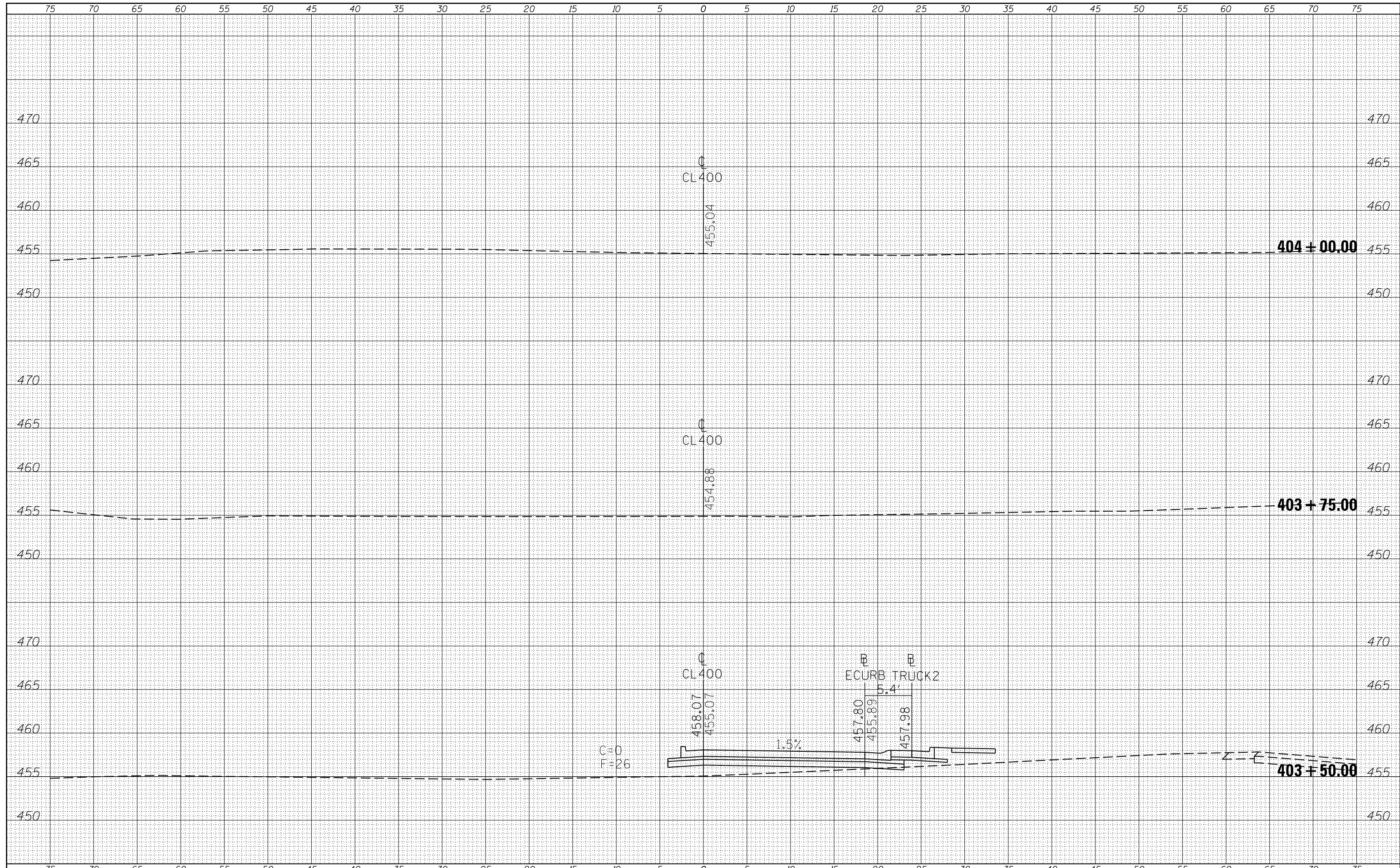
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c:\pw_work\pwidot\greenlees\10370321\78398-sh	xsections.dgn	DRAWN -	REVISED -			103/329	(103,17)N-1	PERRY	127	89	
PLOT SCALE : 10.0000 ' / in.	CHECKED -	REVISED -	SCALE:			SHEET	OF	SHEETS	STA. 403+00.00	TO STA. 403+25.00	CONTRACT NO. 78398
DATE : 3/27/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

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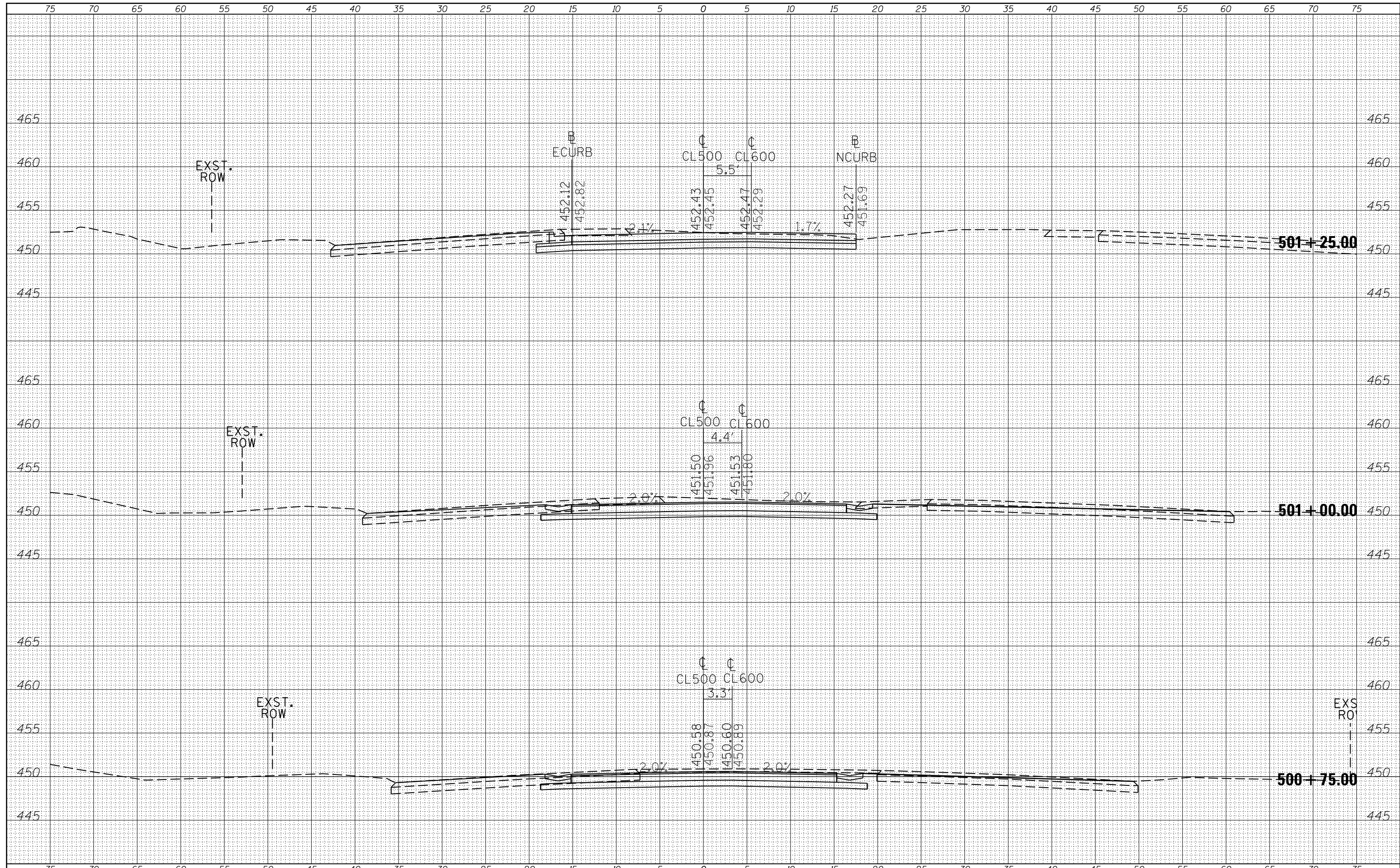
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL400			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 403+50.00	TO STA. 404+00.00	CONTRACT NO. 78398	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

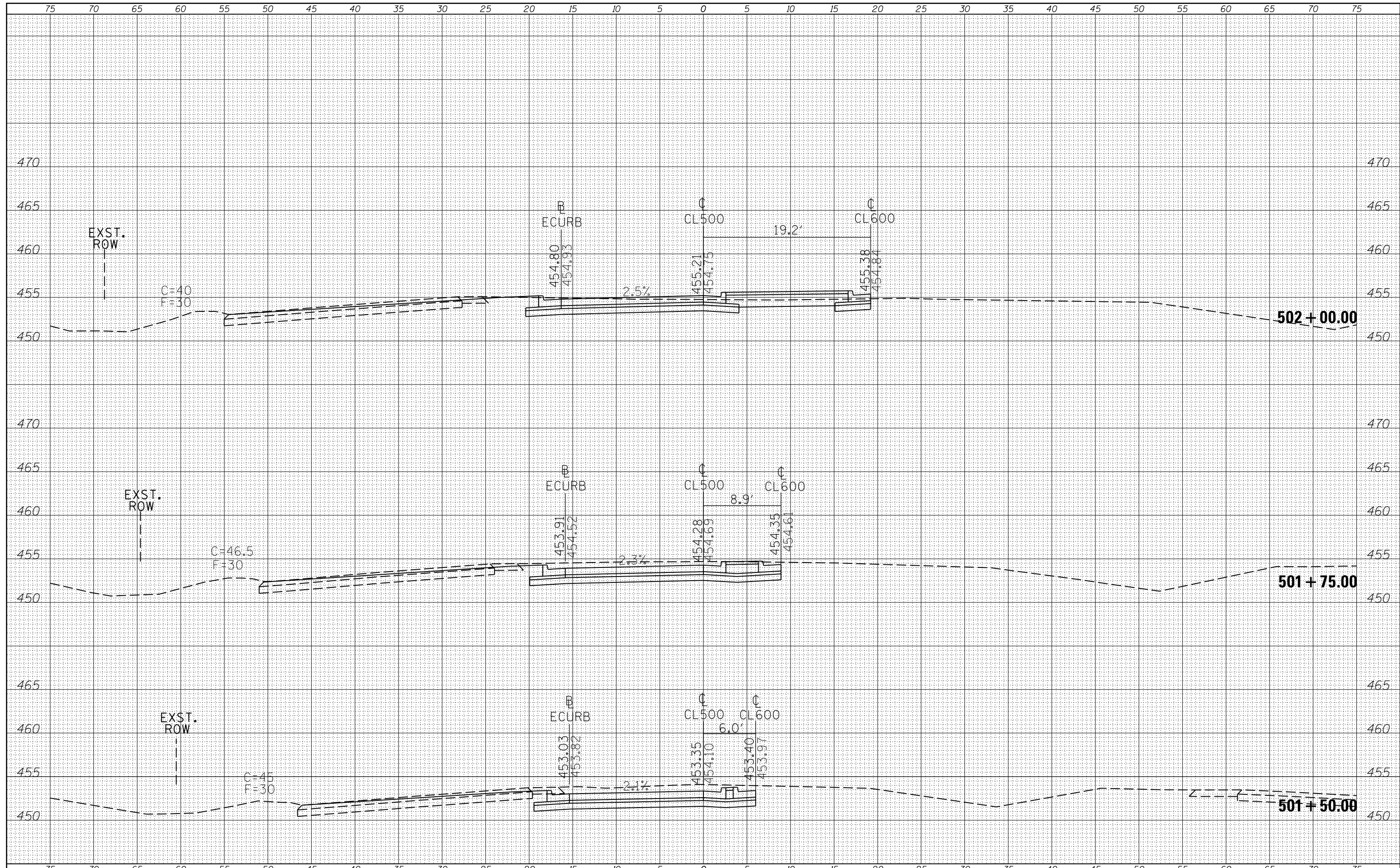
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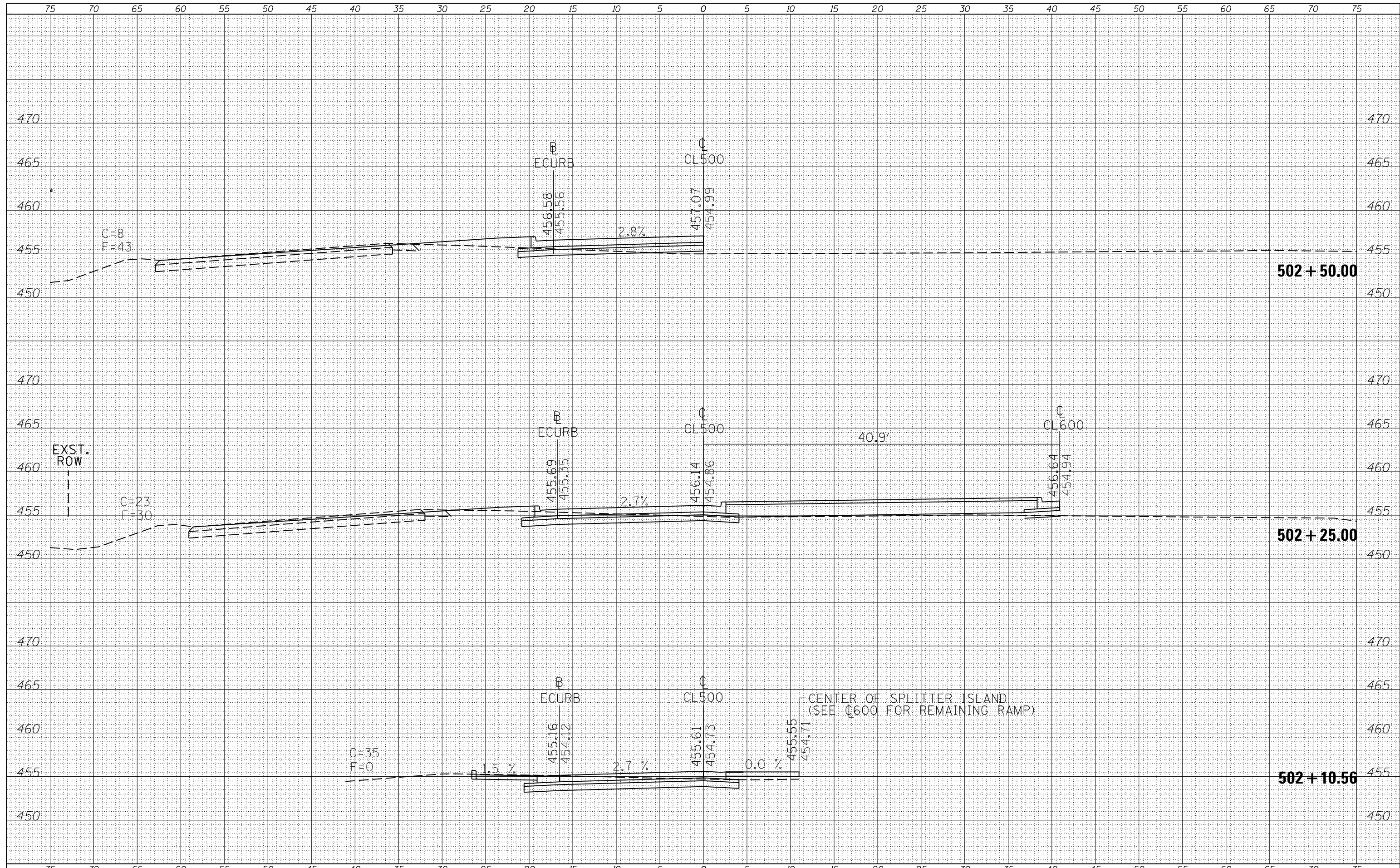
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL500			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 501+50.00 TO STA. 502+00.00			CONTRACT NO. 78398				
MODELNAME		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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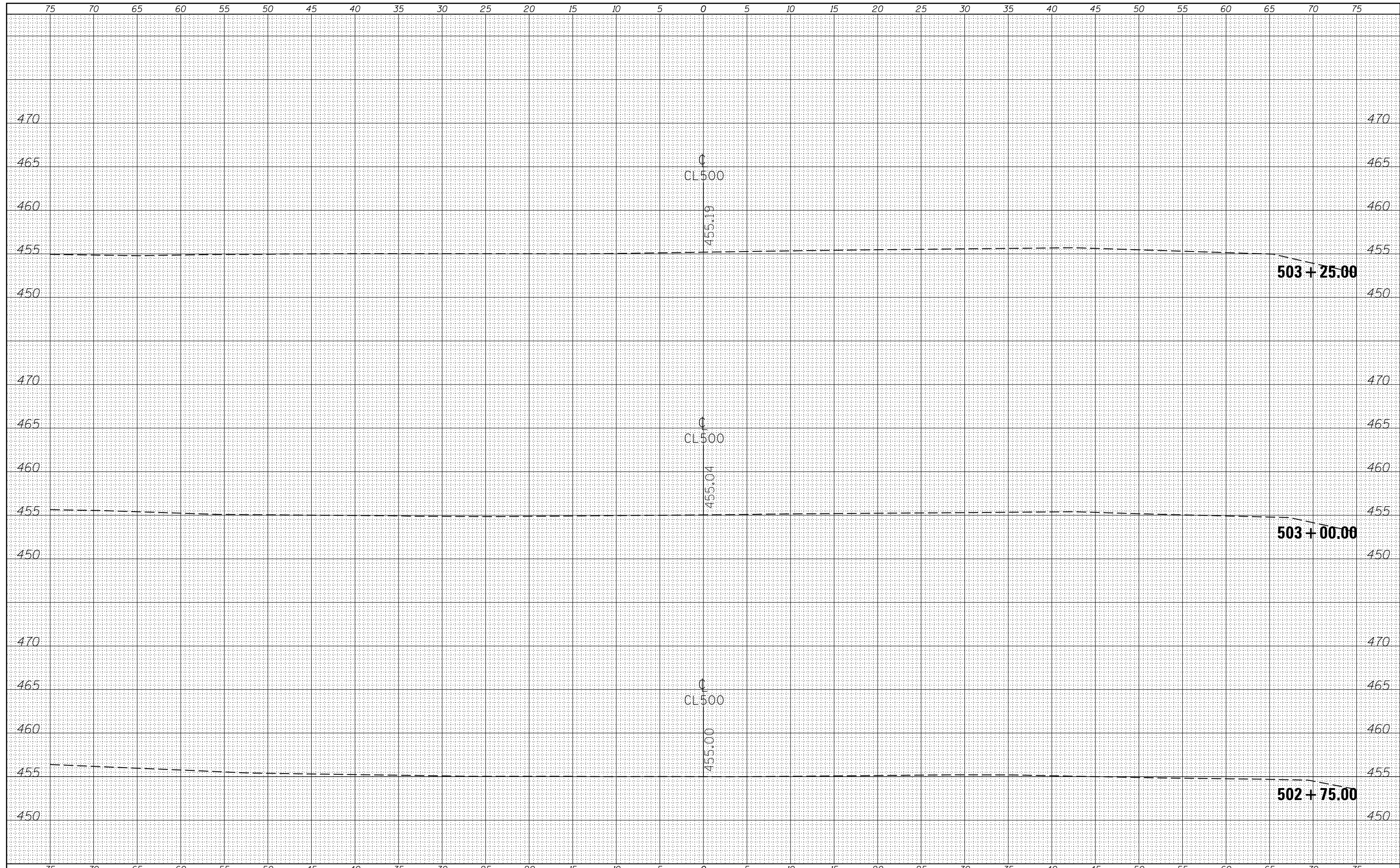
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FILE NAME :	USER NAME :	DESIGNED :	REVISD :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL500	F.A.P. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\greenlees\10370321\78398-sh-xsections.dgn	USERS	DRAWN :	REVISD :			103/329	(103,17)N-1	PERRY	127	94
PLOT SCALE : 10.0000 ' / in.	CHECKED :	REVISD :	REVISD :			CONTRACT NO. 78398				
\$MODELNAME\$	PLOT DATE : 3/27/2015	DATE :	REVISD :	SCALE:	SHEET OF SHEETS	STA. 502+10.56 TO STA. 502+50.00	ILLINOIS FED. AID PROJECT			

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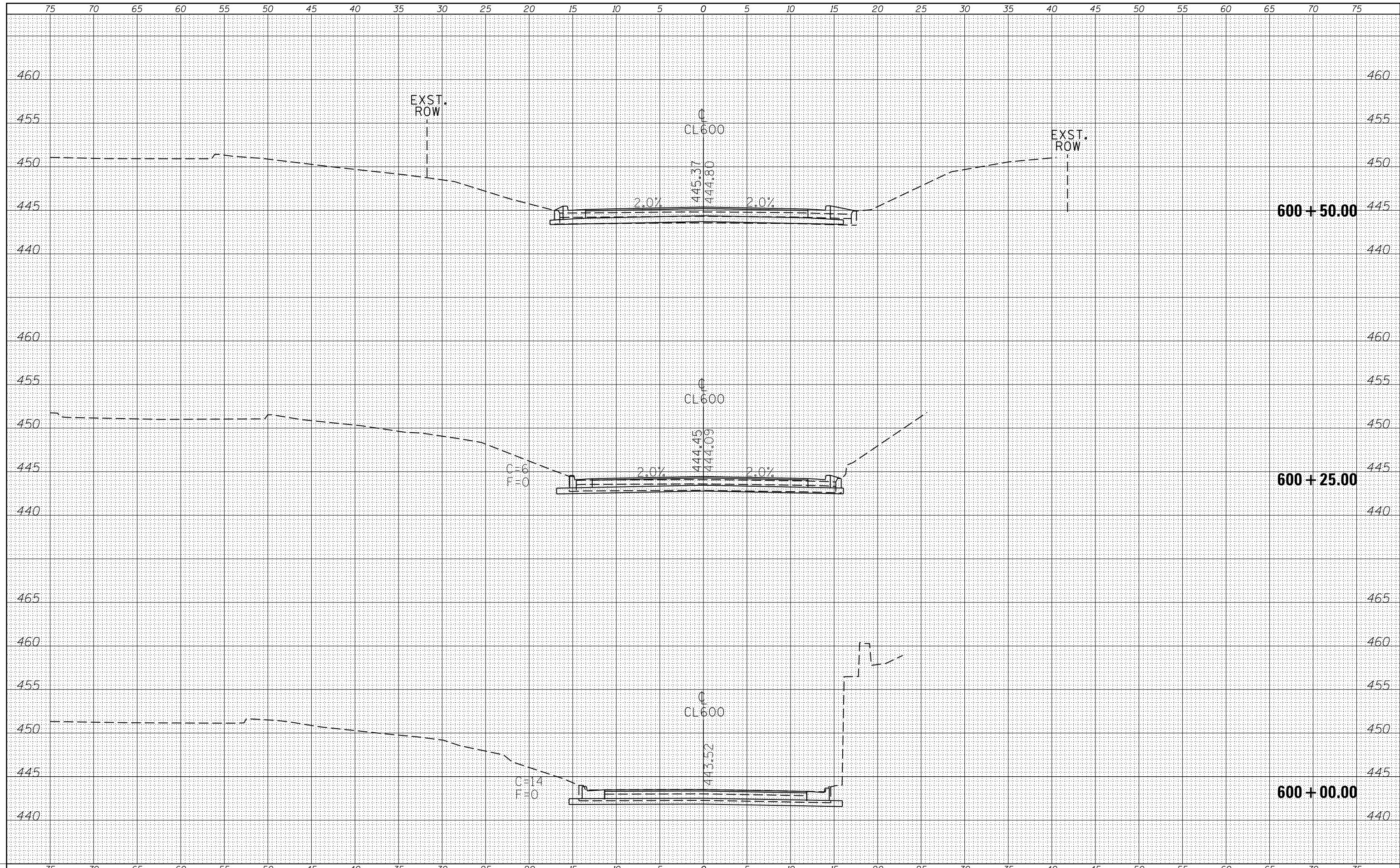
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL500		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pwidot\greenlees\10370321\78398-sh		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 502+75.00	TO STA. 503+25.00	127	95
		CHECKED -	REVISED -									
		DATE -	REVISED -									
\$MODELNAME\$	PLOT DATE = 3/27/2015									ILLINOIS FED. AID PROJECT		

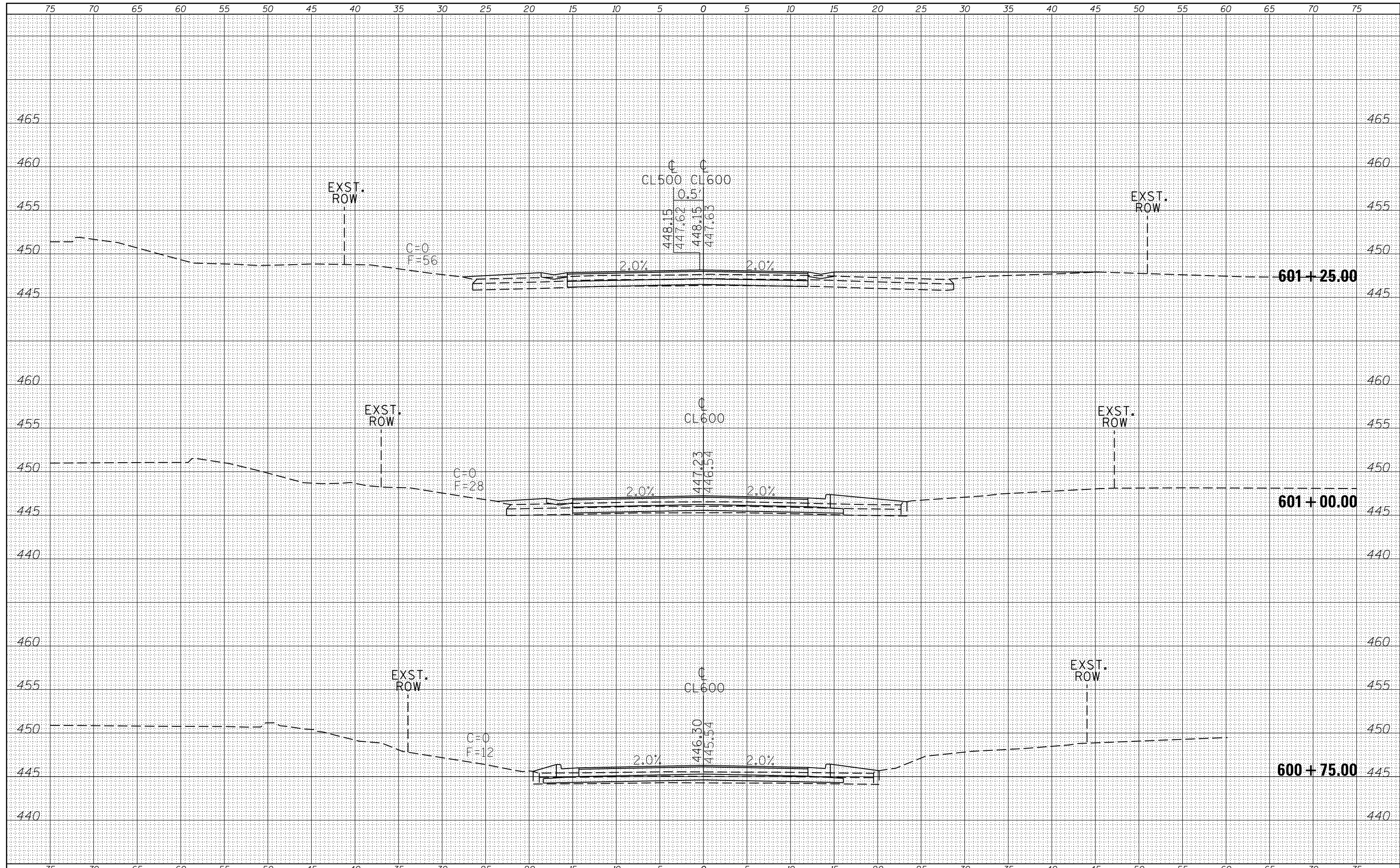
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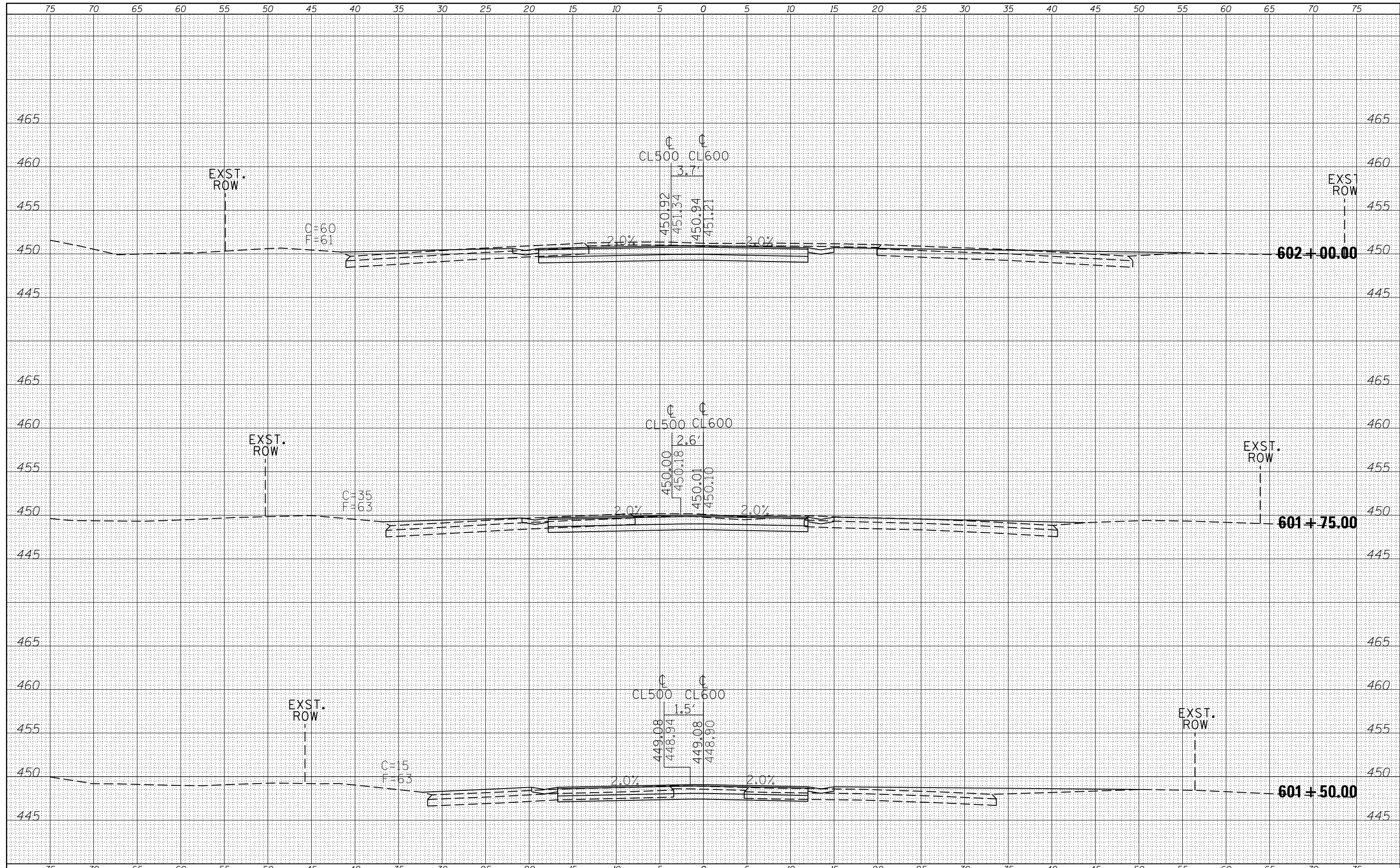
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FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL600			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\greenlees\10370321\78398-sh		DRAWN -	REVISED -					103/329	(103,17)N-1	PERRY	127	97
		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 600+75.00 TO STA. 601+25.00			CONTRACT NO. 78398				
MODELNAME		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

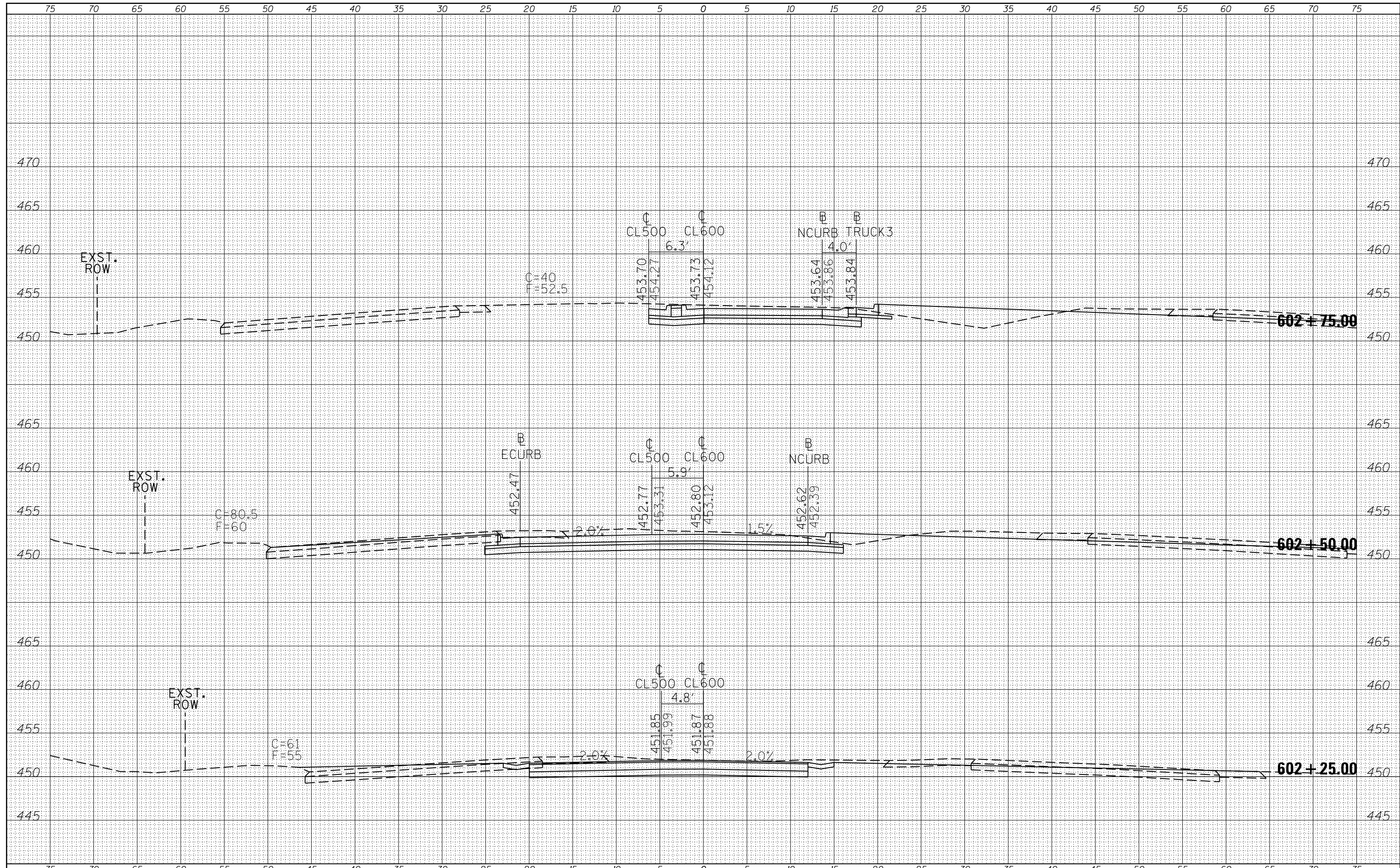
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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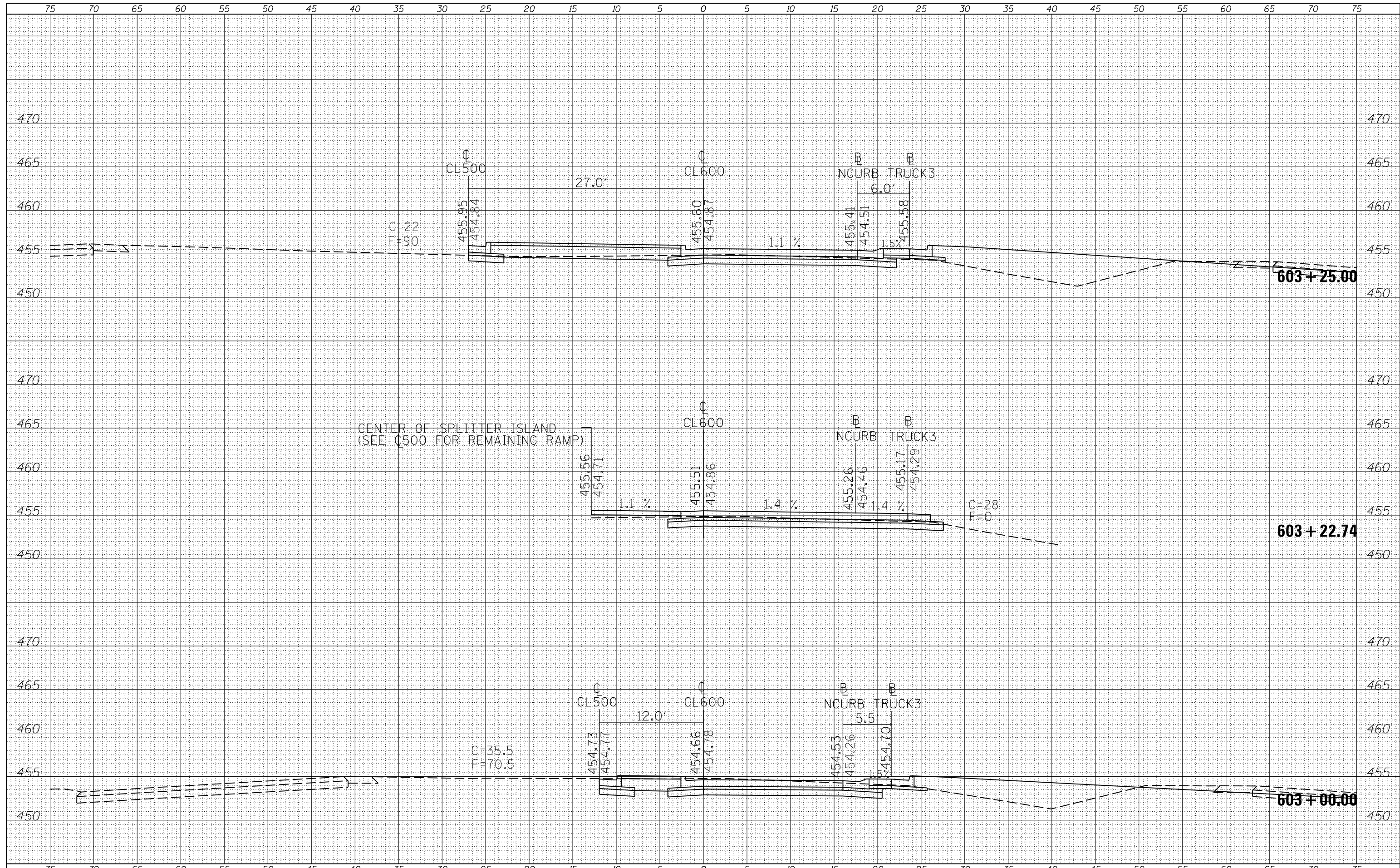
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NOTE BOOK	PLOTTED
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	AREAS CHECKED



FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL600	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -			CONTRACT NO. 78398					
\$MODELNAME\$		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET	OF	SHEETS	STA. 602+25.00	TO STA. 602+75.00	

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FILE NAME :	USER NAME :	DESIGNED :	REVISÉ :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS CL600	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\greenlees\10370321\78398-sh-xsections.dgn	§USERS	DRAWN :	REVISÉ :			103/329	(103,17)N-1	PERRY	127	100
PLOT SCALE : 10.0000 ' / in.	CHECKED :	REVISÉ :	REVISÉ :			CONTRACT NO. 78398			ILLINOIS FED. AID PROJECT	
§MODELNAME§	DATE :	DATE :	DATE :			SCALE:	SHEET	OF	SHEETS	STA. 603+00.00 TO STA. 603+25.00