

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE. 331	SECTION (1-4)R-3,N-5	COUNTY WILLIAMSON	TOTAL SHEETS 91	SHEET NO. 1
		ILLINOIS	CONTRACT NO. 78280	

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NOS. 6 - 9

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 331 (IL 13)
SECTION (1-4)R-3,N-5
PROJECT NHPP-0331(063)
ADDITIONAL LANES & INTERSECTION IMPROVEMENT
WILLIAMSON COUNTY

C-99-006-12

TRAFFIC DATA

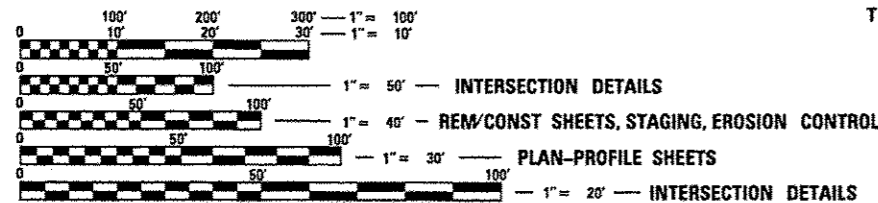
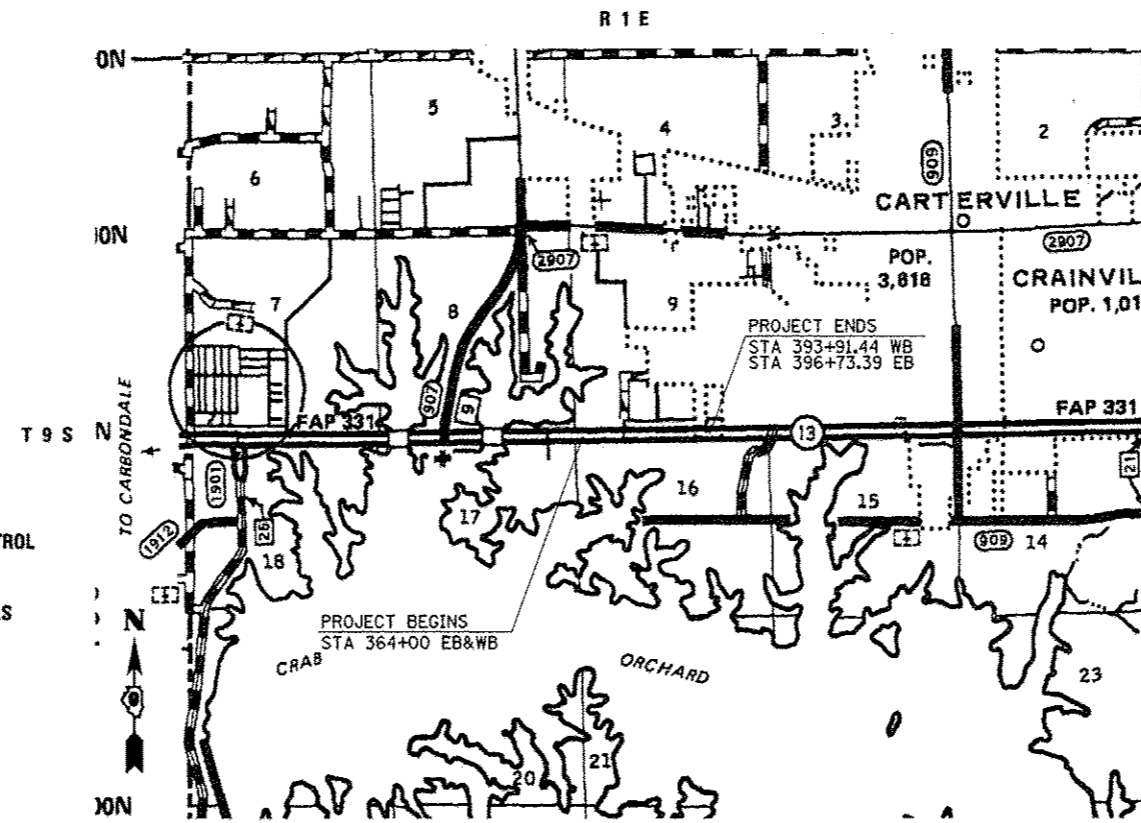
LOCATION	ADT	% TRUCKS
SHAWNEE TRAIL NORTH OF IL 13	450	3.7%
IL 13 EAST OF SHAWNEE TRAIL	31,000	3.9%
IL 13 WEST OF SHAWNEE TRAIL	31,000	3.9%

TOWNSHIPS

CRAB ORCHARD LAKE



LOCATION OF SECTION INDICATED THUS: —



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 - HOWARD THOMAS
PROJECT MANAGER - SUSAN POE
(618) 549-2171

CONTRACT NO. 78280

PROJECT LENGTH - FAP 331 (IL 13)
NET LENGTH = 3,273.39 FT. = 0.620 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *January 30 20 13*

John D. Baranzoni
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 22 20 13
John D. Baranzoni, PE
ENGINEER OF DESIGN AND ENVIRONMENT

March 22 20 13
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

Prepared By: *Joe Glanville*
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Paul E*
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carrie Nelson*
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Keith Kelly*
DISTRICT OPERATIONS ENGINEER

Examined By: *K. J.*
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Daryl J. Murphy*
DISTRICT CONSTRUCTION ENGINEER

Examined By: *Bruce W. Hubbs*
DISTRICT MATERIALS ENGINEER

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURES

FILE NAME *	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\thomashf\0276330\78280-shl-misc.dgn		DRAWN -	REVISED -						331	(1-4)R-3,N-5	WILLIAMSON	91	2
		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
		DATE	REVISED -		CONTRACT NO. 78280								

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURES
3	INDEX OF SHEETS, LISTING OF HIGHWAY STANDARDS
4	GENERAL NOTES
5	MIXTURE REQUIREMENTS
6 - 9	SUMMARY OF QUANTITIES
10 - 12	TYPICAL SECTIONS
13 - 17	SCHEDULES OF QUANTITIES
18	GEOPAK ELEMENTS IDENTIFICATION SHEET
19	TIE POINTS
20 - 23	PLAN / PROFILE SHEETS
24 - 26	REMOVAL AND CONSTRUCTION PLAN SHEETS
27 - 31	STAGING PLAN
32 - 33	EROSION CONTROL PLAN
34	INTERSECTION DRAINAGE / ELEVATION PLAN
35 - 36	GEOMETRICS / INTERSECTION DETAILS
37	DETAILS: INLETS, SPECIAL, FRAME & LID, CONCRETE COLLAR
38	DETAILS: STEP CONSTRUCTION, TEMPORARY DITCH CHECKS TEMPORARY HMA TRANSITIONS, SEEDING & MULCHING
39	DETAILS: UNEVEN LANES SIGN
40 - 63	IL 13 EASTBOUND CROSS SECTIONS
64 - 85	IL 13 WESTBOUND CROSS SECTIONS
86 - 91	SHAWNEE TRAIL CROSS SECTIONS
	HIGHWAY STANDARDS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-03	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701422-05	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

FILE NAME >	USER NAME > #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\puffarea\0270330\78280-sh-1-mse.dgn	PLOT SCALE = 100.0000 / 1"	DRAWN -	REVISED -			331	(1-4R-3,N-5	WILLIAMSON	91	3
	PLOT DATE = 2/5/2013	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78280		
		DATE	REVISED -					ILLINOIS FED. AID PROJECT		

GENERAL NOTES

1. THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
2. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	BITUMINOUS MATERIALS:
2.016 TONS/CU. YD.	
ALL AGGREGATE	ON PAVEMENT
2.05 TONS/CU. YD.	0.09 GAL./SQ. YD.
RIPRAP	INTERMEDIATE LIFTS (FOG COAT)
1.50 TONS/CU. YD.	0.04 GAL./SQ. YD.
AGGREGATE (PRIME COAT)	ON AGGREGATE SURFACE
0.0015 TONS/SQ. YD.	0.32 GAL./SQ. YD.
3. FORMS FOR CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
4. PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE COMBINATION CURB AND GUTTER, CONCRETE MEDIAN, CONCRETE MEDIAN SURFACE, AND OTHER ITEMS AS DIRECTED BY THE ENGINEER AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS FOR ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS.
5. ADDITIONAL WIDTH OF GUTTER FLAGS, AT LOCATIONS INDICATED ON PLANS, SHALL BE POURED MONOLITHICALLY WITH THE NORMAL GUTTER FLAG AND WILL NOT BE MEASURED NOR PAID FOR SEPERATELY.
6. AT ALL LOCATIONS WHERE THE PROPOSED BITUMINOUS OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
7. AFTER A LIFT OF BITUMINOUS CONCRETE HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 F.
8. THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2" TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
9. ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE MEDIAN SURFACE, 4 INCH.
10. PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

11. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATIONS ARE NOT GUARANTEED TO BE AS SHOWN IN THE PLANS.
12. CONNECTING OF NEW OR EXISTING STORM SEWERS OR PIPE CULVERTS TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.
13. TRENCH BACKFILL REQUIRED FOR STORM SEWER SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
14. THE QUANTITY OF EROSION CONTROL BLANKET SHOWN IN THE PLANS IS ONLY AN ESTIMATE. THE ACTUAL AMOUNT USED, AND LOCATION, SHALL BE DETERMINED BY THE ENGINEER.
15. SEEDING SHALL BE PERFORMED ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER, SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS, ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

COMMITMENTS

NONE

FILE NAME :	USER NAME : #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwork\pav\do\puffe\0270330\78280-shl-misc.dgn		DRAWN -	REVISED -			331	(1)-4R-3,N-5	WILLIAMSON	91	4	
	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -								
	PLOT DATE = 2/5/2013	DATE -	REVISED -								
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
						ILLINOIS FED. AID PROJECT					
						CONTRACT NO. 78280					

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY 0003 RURAL	
67100100	MOBILIZATION	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	8	8	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
* 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	250	250	
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8673	8673	
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	120	120	
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	18	18	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	3297	3297	
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	250	250	
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	9873	9873	
* 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	243	243	
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	18	18	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	86	86	

* 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.
c:\pwork\pwork\pwork\pwork\0270330\78280-sht\schedule.dgn		DRAWN :	REVISED :						331	(1-4R-3,N-5	WILLIAMSON	91	8
PLOT SCALE : 100.0000 / 1" = 100'		CHECKED :	REVISED :		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78280				
PLOT DATE : 2/5/2013		DATE :	REVISED :						ILLINOIS FED. AID PROJECT				

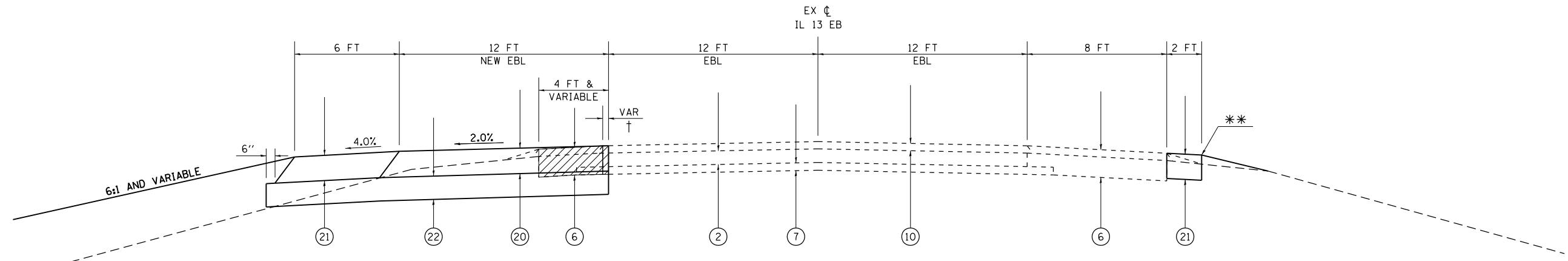
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY 0003 RURAL	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,486	2,486	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	10	10	
X6024240	INLETS, SPECIAL	EACH	1	1	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
* X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	54500	54500	
* X7830068	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS	SQ FT	230	230	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	790	790	
Z0034105	MATERIAL TRANSFER DEVICE	TON	7538	7538	

* SPECIALTY ITEM

FILE NAME *	USER NAME * 4USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\puff\era\0278330\78300-shtr-schedule.dgn		DRAWN -	REVISED -						331	(1)-41R-3,N-5	WILLIAMSON	91	9
PLOT SCALE * 100.0000 / 1 in.	CHECKED -	REVISED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78280				
PLOT DATE * 2/5/2013	DATE -	REVISED -	REVISED -						ILLINOIS FED. AID PROJECT				

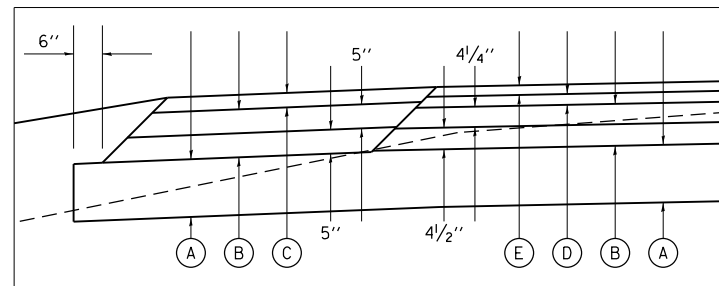
TYPICAL SECTIONS

WILLIAMSON COUNTY
FAP 331 (IL 13) EASTBOUND
(LOOKING EAST)



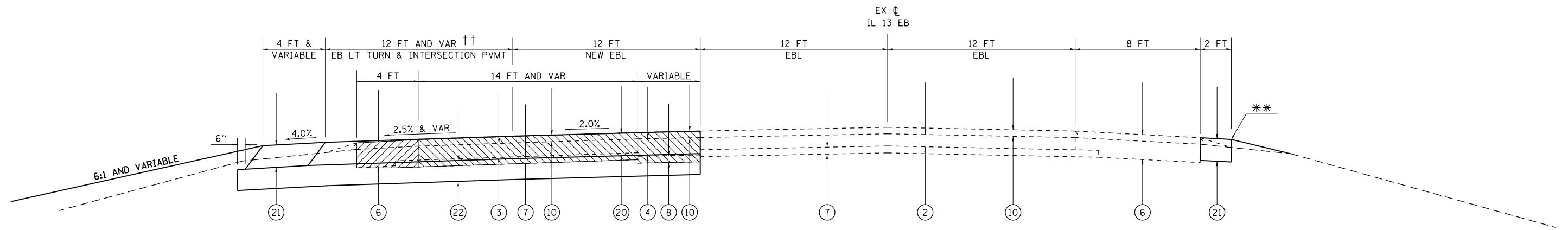
TO BE USED:
STA 364+00.00 TO STA 366+05.90
AND
STA 372+98.18 TO STA 396+73.39

PAVING DETAIL



- (A) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
 - (B) HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
 - (C) HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
 - (D) POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
 - (E) POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"
- * FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

- LEGEND
- (1) EXISTING PCC PAVEMENT 9" - 7" - 9"
 - (2) EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT 7"
 - (3) EXISTING PCC PAVEMENT 8"
 - (4) EXISTING PCC PAVEMENT 10"
 - (5) EXISTING STABILIZED SHOULDER 8" WITH 1 3/4" OVERLAY
 - (6) EXISTING STABILIZED SHOULDER 11" WITH 3 3/4" OVERLAY
 - (7) EXISTING STABILIZED SUB-BASE 4"
 - (8) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
 - (9) EXISTING HMA OVERLAY 6" (APPROX)
 - (10) EXISTING HMA OVERLAY 3 3/4" (APPROX)
 - (20) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"
 - (21) PROPOSED HOT-MIX ASPHALT SHOULDERS, 13"
 - (22) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
 - [Hatched Box] PROPOSED PAVED SHOULDER REMOVAL
 - [Hatched Box] PROPOSED PAVEMENT REMOVAL



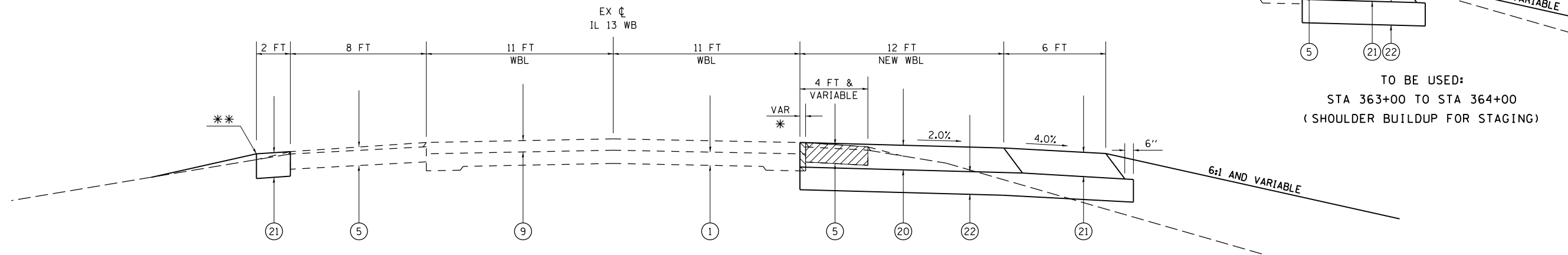
TO BE USED:
STA 366+05.90 TO STA 372+98.18 ***

† FROM STATION 377+25 TO STATION 378+25
EX PAVEMENT IS TOO WIDE - THIN AREA TO BE REMOVED
** MATCH EXISTING SHOULDER SLOPE (6% MAXIMUM)
*** EX LT TURN LANE PAVEMENT BEGINS STA 364+66.82
†† SEE INTERSECTION DETAIL SHEETS FOR MEDIAN GEOMETRY

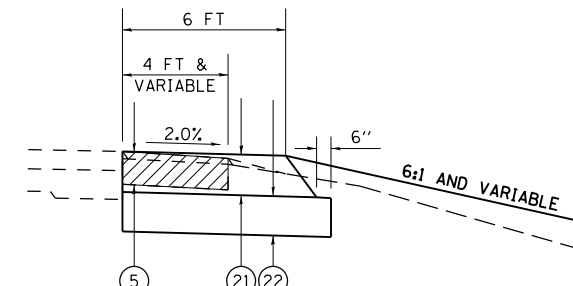
FILE NAME =	USER NAME = thomeshf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 13 EB				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\thomeshf\0278330\78280-sh-typical.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	10				
PLOT SCALE = 100.0000' / 1" =		CHECKED -	REVISED -		CONTRACT NO. 78280								
PLOT DATE = 2/20/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

TYPICAL SECTIONS

WILLIAMSON COUNTY
FAP 331 (IL 13) WESTBOUND
(LOOKING EAST)



TO BE USED:
STA 364+00.00 TO STA 371+48.00
AND
STA 373+16.14 TO STA 393+91.44

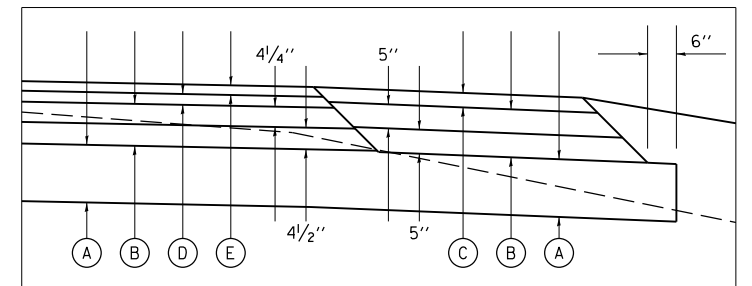


TO BE USED:
STA 363+00 TO STA 364+00
(SHOULDER BUILDUP FOR STAGING)

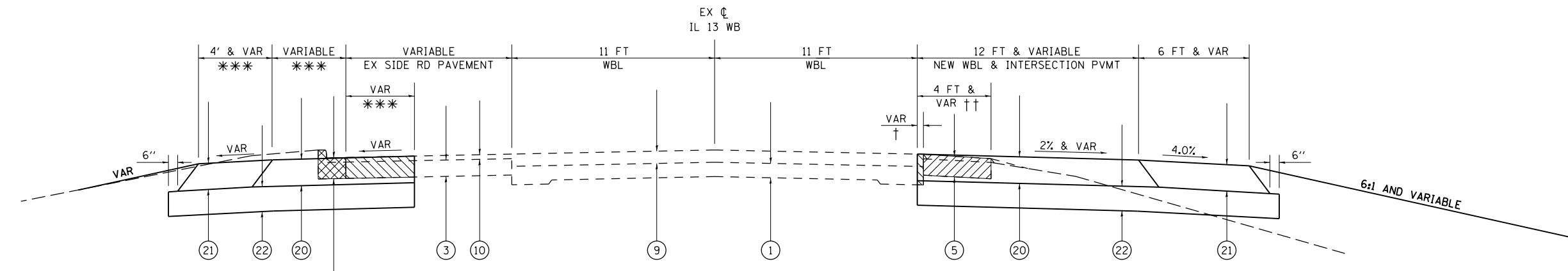
LEGEND

- | | | |
|---|--|---|
| ① EXISTING PCC PAVEMENT 9" - 7" - 9" | ⑥ EXISTING STABILIZED SHOULDER 11" WITH 3 3/4" OVERLAY | ⑳ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13" |
| ② EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT 7" | ⑦ EXISTING STABILIZED SUB-BASE 4" | ㉑ PROPOSED HOT-MIX ASPHALT SHOULDERS, 13" |
| ③ EXISTING PCC PAVEMENT 8" | ⑧ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4" | ㉒ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12" |
| ④ EXISTING PCC PAVEMENT 10" | ⑨ EXISTING HMA OVERLAY 6" (APPROX) | PROPOSED PAVED SHOULDER REMOVAL |
| ⑤ EXISTING STABILIZED SHOULDER 8" WITH 1 3/4" OVERLAY | ⑩ EXISTING HMA OVERLAY 3 3/4" (APPROX) | PROPOSED PAVEMENT REMOVAL |

PAVING DETAIL



- Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
 - Ⓑ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
 - Ⓒ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
 - Ⓓ POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
 - Ⓔ POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"
- * FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION



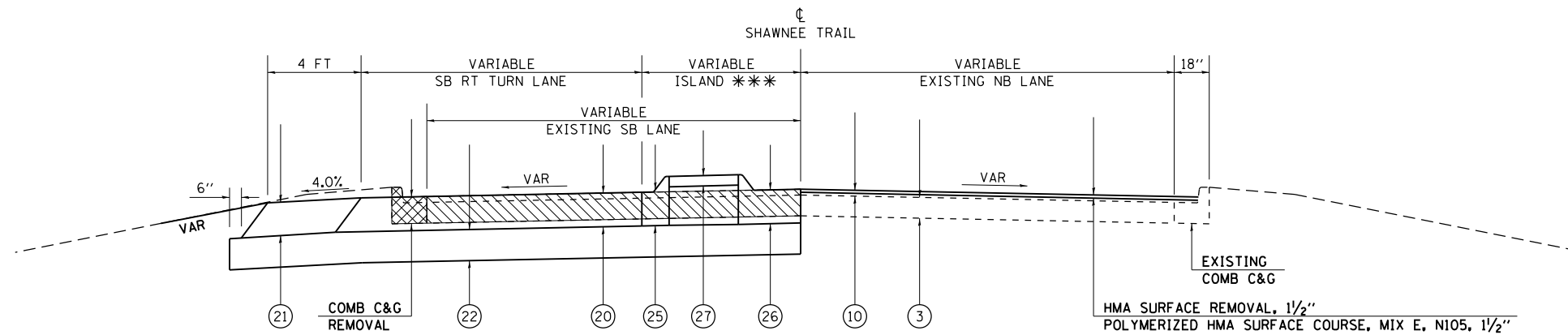
TO BE USED:
STA 371+48.00 TO STA 373+16.14

† EX PAVEMENT IS TOO WIDE - THIN AREA TO BE REMOVED
** MATCH EXISTING SHOULDER SLOPE (6% MAXIMUM)
*** WORK IS LIMITED TO NW QUADRANT - SEE PLAN VIEW
†† SHLD REM TO STA 372+00 - PVMT REM TO STA 373+16.14

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 13 WB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\puffere\0278330\78280-sh-typical.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	11			
PLOT SCALE = 100.0000' / 1" =		CHECKED -	REVISED -		CONTRACT NO. 78280							
PLOT DATE = 2/5/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

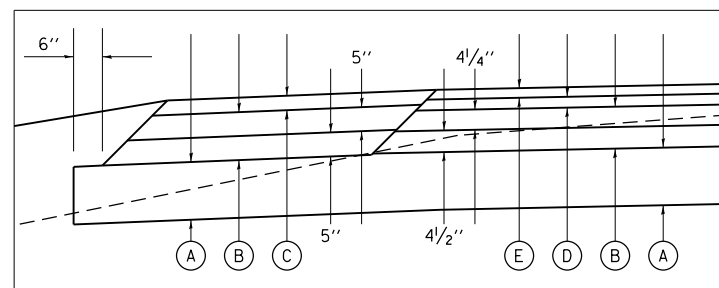
TYPICAL SECTIONS

WILLIAMSON COUNTY
SHAWNEE TRAIL
(LOOKING NORTH)



TO BE USED:
STA 0+86.05 TO STA 1+25.00

PAVING DETAIL

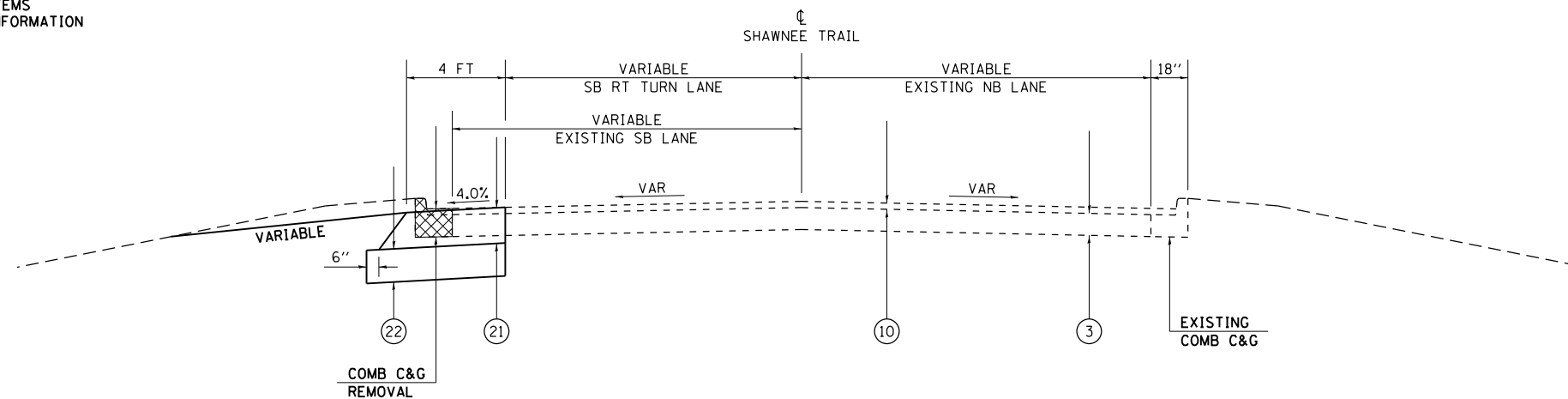


- (A) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- (B) HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
- (C) HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
- (D) POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
- (E) POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"

* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

LEGEND

- (3) EXISTING PCC PAVEMENT 8"
- (4) EXISTING PCC PAVEMENT 10"
- (5) EXISTING STABILIZED SHOULDER 8" WITH 1 3/4" OVERLAY
- (6) EXISTING STABILIZED SHOULDER 11" WITH 3 3/4" OVERLAY
- (7) EXISTING STABILIZED SUB-BASE 4"
- (9) EXISTING HMA OVERLAY 6" (APPROX)
- (10) EXISTING HMA OVERLAY 3 3/4" (APPROX)
- (25) PROPOSED COMB CONC C&G, TY M-6.06
- (26) PROPOSED COMB CONC C&G, TY M-6.24
- (27) PROPOSED CONCRETE MEDIAN SURFACE 4"
- (20) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"
- (21) PROPOSED HOT-MIX ASPHALT SHOULDERS, 13"
- (22) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- [Hatched Box] PROPOSED PAVED SHOULDER REMOVAL
- [Cross-hatched Box] PROPOSED PAVEMENT REMOVAL



TO BE USED:
STA 1+25 TO STA 1+75

*** PROPOSED ISLAND FROM STA 0+91.45 TO STA 1+14.89

FILE NAME =	USER NAME = thomeshf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS SHAWNEE TRAIL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\thomeshf\0278330\78280-sh-typical.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	12				
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -		CONTRACT NO. 78280								
PLOT DATE = 2/20/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

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
ILLINOIS 13 EB				
364+00.00 TO 396+73.39	241.60	181.20	40.4	140.80
ILLINOIS 13 WB				
364+00 TO 372+00	59.12	44.34	9.76	34.58
373+00.00 TO 393+91.44	150.10	112.58	169.8	-57.23
ILLINOIS 13 (MEDIAN)				
364+00 TO 372+29	1484.87	1113.65	950.5	163.15
372+84 TO 379+00	1031.38	773.54	811.31	-37.77
379+00 TO 386+00	1164.79	873.59	897.69	-24.10
386+00.00 TO 396+73.39	1471.47	1103.60	1145.5	-41.90
SHAWNEE TRAIL				
0+86.05 TO 1+75.00	128.70	96.53	0.9	95.63
TOTALS	5732	4299	4026	273

25% SHRINKAGE FACTOR FOR EARTH EXCAVATION

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EARTHWORK SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwork\puff\ee\ad\278330\78280-sh-t-schedule.dgn		DRAWN -	REVISED -			331	(1-4)R-3,N-5	WILLIAMSON	91	13	
\$MODELNAME\$		CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 78280			
	PLOT DATE = 2/5/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

REMOVAL SCHEDULE

LOCATION STATION TO STATION	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	PAVED SHOULDER REMOVAL	REMARKS
	SQ YD	FOOT	SQ YD	SQ YD	
IL 13 (EB)					
364+00.00 LT TO 371+75.90 LT				341.1	
364+67.53 LT TO 371+75.90 LT	984.7				
373+00.00 LT TO 396+73.39 LT				1044.3	
377+25.00 LT TO 378+25.00 LT	5.6				EXISTING PAVEMENT TOO WIDE
IL 13 (WB)					
363+00.00 RT TO 364+00.00 RT				44.7	
364+00.00 RT TO 372+00.00 RT				361.4	
368+00.00 RT TO 372+00.00 RT	11.1				EXISTING PAVEMENT TOO WIDE
371+48.00 LT TO 372+00.00 LT				51.6	
373+16.14 RT TO 393+91.44 RT	46.2			948.2	EXISTING PAVEMENT TOO WIDE
INTERSECTION					
EASTBOUND					
371+75.90 LT TO 372+25.21 LT				32.5	
371+75.90 LT TO 372+29.29 LT	190.7				
372+84.12 LT TO 373+00.00 LT	20.4				
MEDIAN (EB STATIONING)					
372+29.29 LT TO 372+84.18 LT	455.0				
WESTBOUND					
372+00.00 RT TO 372+29.08 RT	31.0				
372+83.90 RT TO 373+16.14 RT	63.3				
SHAWNEE TRAIL NORTH					
0+86.05 LT TO 1+25.00 LT	165.6	47.0			
0+86.05 RT TO 1+25.00 RT			172.0		
1+25.00 LT TO 1+75.00 LT	15.0	64.4			
TOTALS					
	1989	111	172	2824	

PAVEMENT & SHOULDER SCHEDULE

LOCATION STATION TO STATION	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"	HOT-MIX ASPHALT SHOULDERS, 13"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	CONC. CURB & GUTTER, TYPE M-6.06	CONC. CURB & GUTTER, TYPE M-6.24	CONCRETE MEDIAN SURFACE, 4"	PROTECTIVE COAT	REMARKS
	SO YD	SO YD	SO YD	TON	LINEAR FOOT	LINEAR FOOT	SO FT	SO YD	
IL 13 (EB)									
364+00.00 LT TO 371+75.90 LT	2144.9	1760.0	395.9						
364+00.00 RT TO 396+73.39 RT			727.4						OUTSIDE 2' SHOULDER STRIP
373+00.00 LT TO 396+73.39 LT	5176.6	3164.5	1582.3						
IL 13 (WB)									
363+00.00 RT TO 364+00.00 RT	84.8		66.7						SHOULDER WIDENING FOR STAGING
364+00.00 RT TO 372+00.00 RT	1733.3	1066.7	533.3						
364+00.00 LT TO 371+48.00 LT			166.2						OUTSIDE 2' SHOULDER STRIP
371+48.00 LT TO 372+00.00 LT	72.3	32.0	30.9						NW QUADRANT OF INTERSECTION
373+00.00 RT TO 393+91.44 RT	4561.7	2788.6	1394.3						
373+16.14 LT TO 393+91.44 LT			461.2						OUTSIDE 2' SHOULDER STRIP
INTERSECTION									
EASTBOUND									
371+75.90 LT TO 372+24.28 LT	212.7	173.0	23.5						
372+84.18 LT TO 373+00.00 LT	51.7	26.2	12.5						
MEDIAN (EB STATIONING)									
372+24.28 LT TO 372+84.18 LT	499.1	372.4	30.8			111.0	502.5	96.0	
WESTBOUND									
372+00.00 RT TO 372+24.06 RT	64.7	39.2	16.8						
372+83.96 RT TO 373+00.00 RT	53.2	26.5	12.6						
SHAWNEE TRAIL NORTH									
0+86.05 LT TO 1+25.00 LT	176.4	150.2	18.8						
0+91.45 LT TO 1+14.89 LT	30.0				22.4	32.0	167.5	30.0	SHAWNEE TRAIL ISLAND
0+86.05 RT TO 1+25.00 RT				14.4					
1+25.00 LT TO 1+75.00 LT	31.3		24.2						
TOTALS	14893	9599	5497	15	22	143	670	126	

PAVEMENT MARKING SCHEDULE

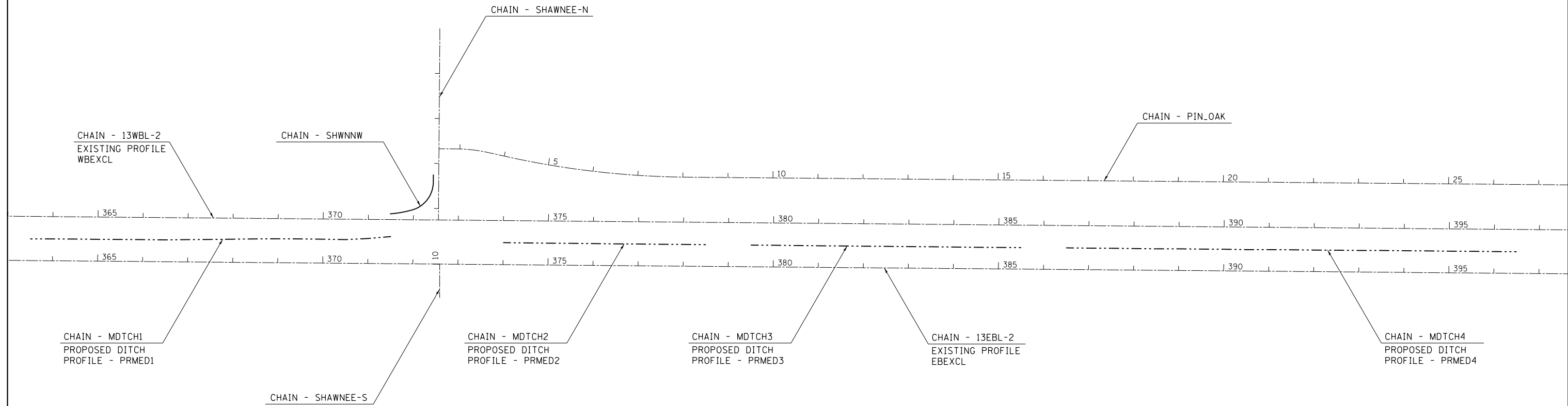
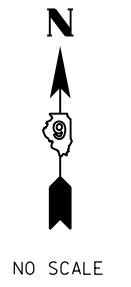
LOCATION	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"			PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"		PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" WHITE	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS	PAVEMENT MARKING REMOVAL	GROOVING FOR RECESSED PAVEMENT MARKING		RAISED REFLECTIVE PVMT MARKER REMOVAL	REMARKS
	SOLID WHITE	SOLID YELLOW	SKIP DASH WHITE	WHITE	YELLOW				5"	L & S		
	FOOT	FOOT	FOOT	FOOT	FOOT				FOOT	SO FT		
IL 13 (EB)												
364+00.00 LT TO 364+66.82 LT								22.3				EXISTING EDGE LINE REMOVAL
364+00.00 LT TO 372+00.00 LT		800.6										NEW EDGE LINE
364+00.00 TO 396+73.39			818.3									SKIP DASH THROUGH PROJECT
364+02.26							7.0			12.0		CYCLIST (BIKE LANE MARKING)
364+14.29							6.5			10.0		SMALL THROUGH ARROW (BIKE LANE MARKING)
368+50.62 LT TO 372+00.00 LT								116.5			10	EXISTING EDGE LINE REMOVAL
368+90.90 LT TO 372+00.00 LT	309.1											LEFT TURN LANE DELINIATION
369+01.21							20.8					8 FT. "ONLY" (LEFT TURN LANE)
369+58.26							15.6					LARGE LEFT TURN ARROW
373+00.00 LT TO 396+73.39 LT		2373.5						791.2				NEW EDGE LINE / EXISTING EDGE LINE REMOVAL
377+20.28							7.0			12.0		CYCLIST (BIKE LANE MARKING)
377+32.31							6.5			10.0		SMALL THROUGH ARROW (BIKE LANE MARKING)
390+41.25							7.0			12.0		CYCLIST (BIKE LANE MARKING)
390+53.29							6.5			10.0		SMALL THROUGH ARROW (BIKE LANE MARKING)
IL 13 (WB)												
364+00.00 RT TO 372+00.00 RT		800.0						266.7				NEW EDGE LINE / EXISTING EDGE LINE REMOVAL
364+00.00 RT TO 370+00.00 RT		600.0			123.0							TAPER / DIAGONAL STRIPES FOR TAPER
370+00.00 TO 399+91.44			747.7									SKIP DASH THROUGH PROJECT
370+00.00							41.5					LANE DROP ARROW
370+87.90							6.5			10.0		SMALL THROUGH ARROW (BIKE LANE MARKING)
370+99.93							7.0			12.0		CYCLIST (BIKE LANE MARKING)
371+48.00 LT TO 372+00.00 LT	53.0							45.0				RADIUS EDGE LINE / EXISTING EDGE LINE REMOVAL
373+00.00							41.5					LANE DROP ARROW
373+00.00 RT TO 393+91.44 RT		2091.5						697.2				NEW EDGE LINE / EXISTING EDGE LINE REMOVAL
374+29.99							6.5			10.0		SMALL THROUGH ARROW (BIKE LANE MARKING)
374+42.03							7.0			12.0		CYCLIST (BIKE LANE MARKING)
380+52.29							6.5			10.0		SMALL THROUGH ARROW (BIKE LANE MARKING)
380+64.32							7.0			12.0		CYCLIST (BIKE LANE MARKING)
393+72.29							6.5			10.0		SMALL THROUGH ARROW (BIKE LANE MARKING)
393+84.32							7.0			12.0		CYCLIST (BIKE LANE MARKING)
393+91.44 RT TO 399+91.44 RT		600.0						523.0	600.0			NEW EDGE LINE / EXISTING TAPER REMOVAL
INTERSECTION												
EASTBOUND												
372+00.00 LT TO 372+09.67 LT	9.7											LEFT TURN LANE DELINIATION
372+00.00 LT TO 372+26.75 LT								9.0				EXISTING EDGE LINE REMOVAL
MEDIAN												
372+00.00 TO 372+32.72		80.0										WEST SHOULDER EDGELINE
372+09.67 TO 372+98.18	199.0			97.5								ISLAND
372+81.97 TO 373+00.00		77.6										EAST SHOULDER EDGELINE
WESTBOUND												
372+00.00 RT TO 372+28.55 RT								9.5				EXISTING EDGE LINE REMOVAL
372+83.69 RT TO 373+00.00 RT								5.4				EXISTING EDGE LINE REMOVAL
SHAWNEE TRAIL												
0+97.15 LT TO 1+75.00 LT	97.7								52.0			RADIUS EDGE LINE
0+89.45 LT TO 1+27.56 LT		120.0			22.5				43.0			ISLAND
1+02.00						18.0						STOP BAR
1+27.56 TO 1+75.00		95.0							95.0			DOUBLE YELLOW LANE LINE
1+30.00							15.6			20.0		LARGE RIGHT TURN ARROW
1+55.00							20.8			56.0		8 FT. "ONLY" (RIGHT TURN LANE)
TOTALS	668.5	7638.2	1566.0	97.5	145.5	18	250	2486	790	230	10	
		9873			243							

SEEDING & 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	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SO YD	POUND	FOOT	EACH	FOOT
ILLINOIS 13 (EB LANES)												
363+50.00 RT TO 372+55.00 RT	0.12	0.12	19.2	14.4	14.4	0.2	0.2		24.9			915
372+65.73 RT TO 397+25.00 RT	0.34	0.34	54.4	40.8	40.8	0.7	0.7		67.7			2464
ILLINOIS 13 (WB LANES)												
363+50.00 LT TO 372+40.00 LT	0.13	0.13	20.8	15.6	15.6	0.3	0.3		26.0			938
372+70.77 LT TO 394+40.00 LT	0.29	0.29	46.4	34.8	34.8	0.6	0.6		59.8			2150.0
379+10.13 LT 27.32' L OF CL											1	
MEDIAN												
363+50.00 LT TO 363+63.00 LT												70
363+50.00 LT TO 372+25.00 LT	0.67	0.67	107.2	80.4	80.4	1.3	1.3		176.9			
365+00.00 LT 48' L OF EB CL										8		
367+00.00 LT 48' L OF EB CL										8		
369+00.00 LT 52' L OF EB CL										8		
369+50.00 LT TO 371+50.00 LT								178				
371+52.95 LT 60' L OF EB CL											1	
372+78.18 LT TO 397+23.39 LT	2.13	2.13	340.8	255.6	255.6	4.3	4.3		568.7			
373+54.38 LT 45' L OF EB CL											1	
374+00.00 LT 48' L OF EB CL										8		
376+00.00 LT 48' L OF EB CL										8		
378+00.00 LT 48' L OF EB CL										8		
379+01.64 LT 48' L OF EB CL											1	
380+00.00 LT 48' L OF EB CL										8		
382+00.00 LT 48' L OF EB CL										8		
384+00.00 LT 48' L OF EB CL										8		
386+05.31 LT 48' L OF EB CL											1	
388+00.00 LT 48' L OF EB CL										8		
390+00.00 LT 48' L OF EB CL										8		
392+00.00 LT 48' L OF EB CL										8		
394+00.00 LT 48' L OF EB CL										8		
TOTALS	3.7	3.7	589	442	442	7.4	7.4	178	924	104	5	6537

PIN_OAK CURVES

EXIST. CURVE P01 PI STA. = 3+28.28 Δ = 12° 12' 23" (RT) D = 17° 26' 16" R = 328.57' T = 35.13' L = 70.00' E = 1.87' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 2+93.14 P.T. STA. = 3+63.14	EXIST. CURVE P02 PI STA. = 6+05.58 Δ = 12° 08' 00" (LT) D = 2° 57' 34" R = 1,936.09' T = 205.77' L = 410.00' E = 10.90' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 3+99.81 P.T. STA. = 8+09.81
---	---



SHWNNW CURVES

PROP. CURVE SHWNNW-1 PI STA. = 0+66.92 Δ = 75° 04' 49" (RT) D = 88° 08' 50" R = 65.00' T = 49.95' L = 85.18' E = 16.97' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 0+16.97 P.T. STA. = 1+02.14	PROP. CURVE SHWNNW-2 PI STA. = 1+26.32 Δ = 9° 12' 54" (RT) D = 19° 05' 55" R = 300.00' T = 24.18' L = 48.25' E = 0.97' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 1+02.14 P.T. STA. = 1+50.39
---	--

FILE NAME =	USER NAME = thomeshf	DESIGNED -	REVISED -
Default	Plot Scale = 220.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 2/20/2013	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOPAK ELEMENTS
IDENTIFICATION SHEET**

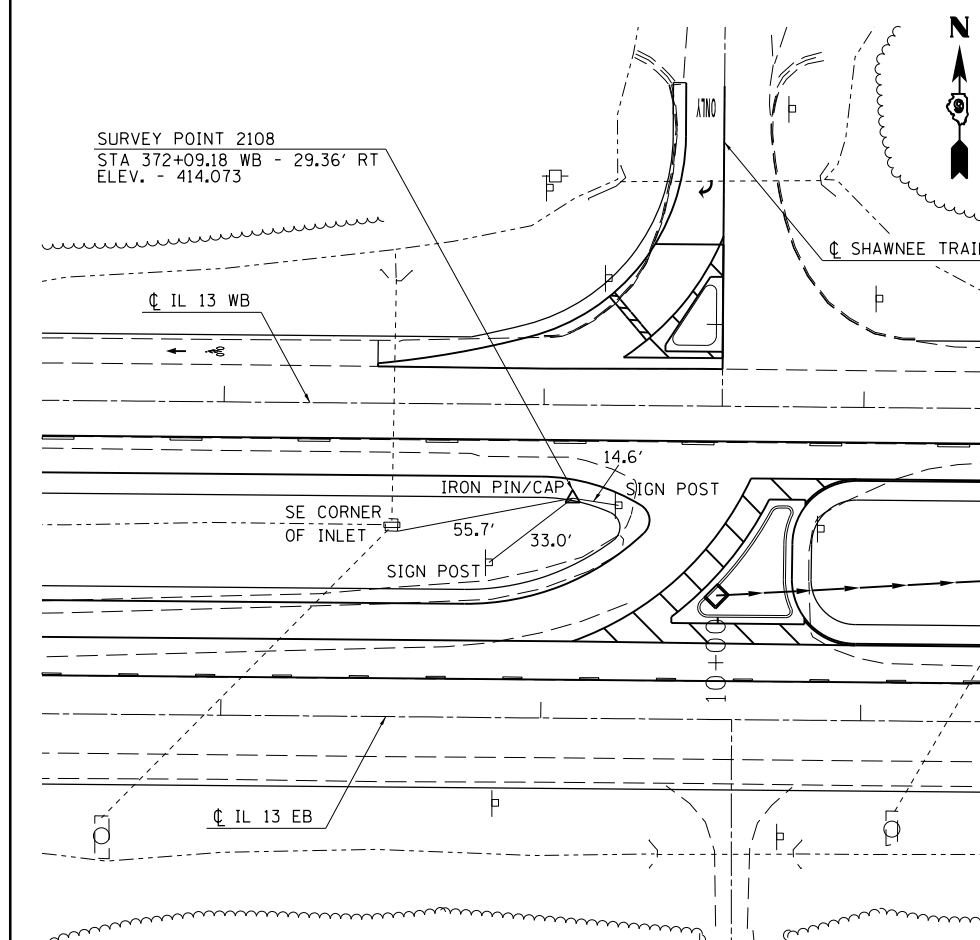
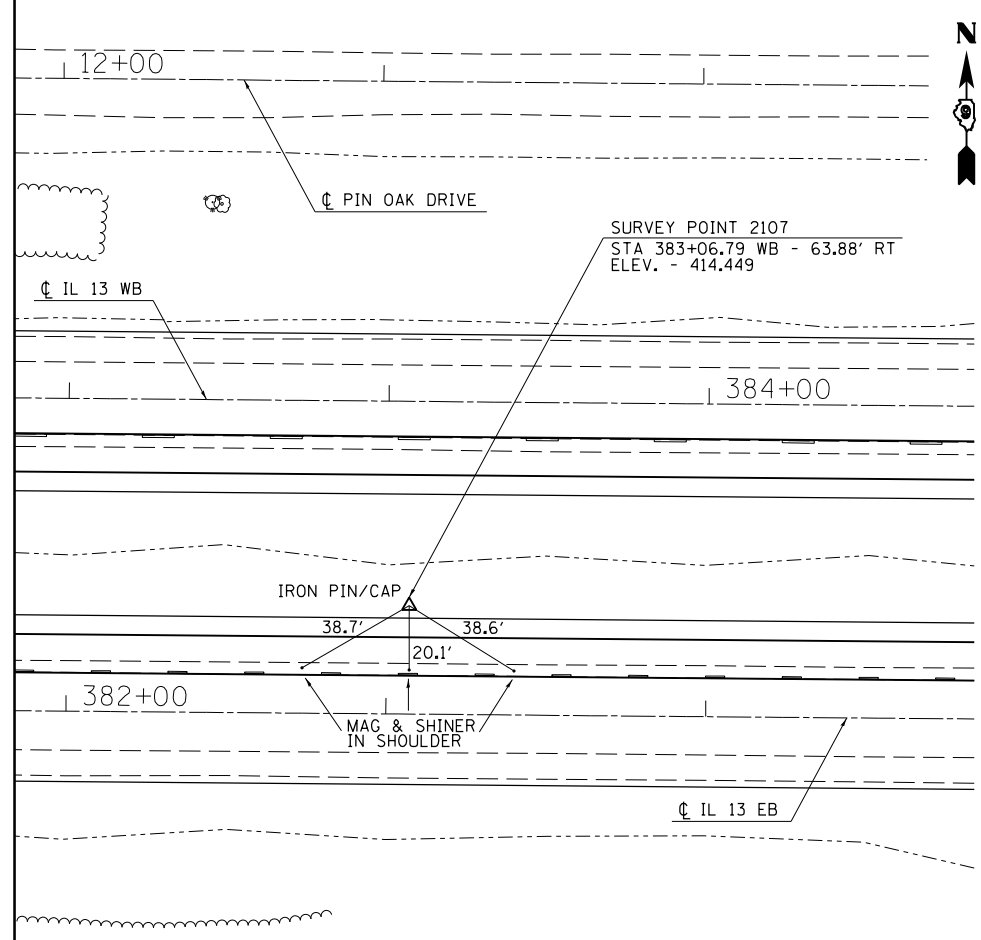
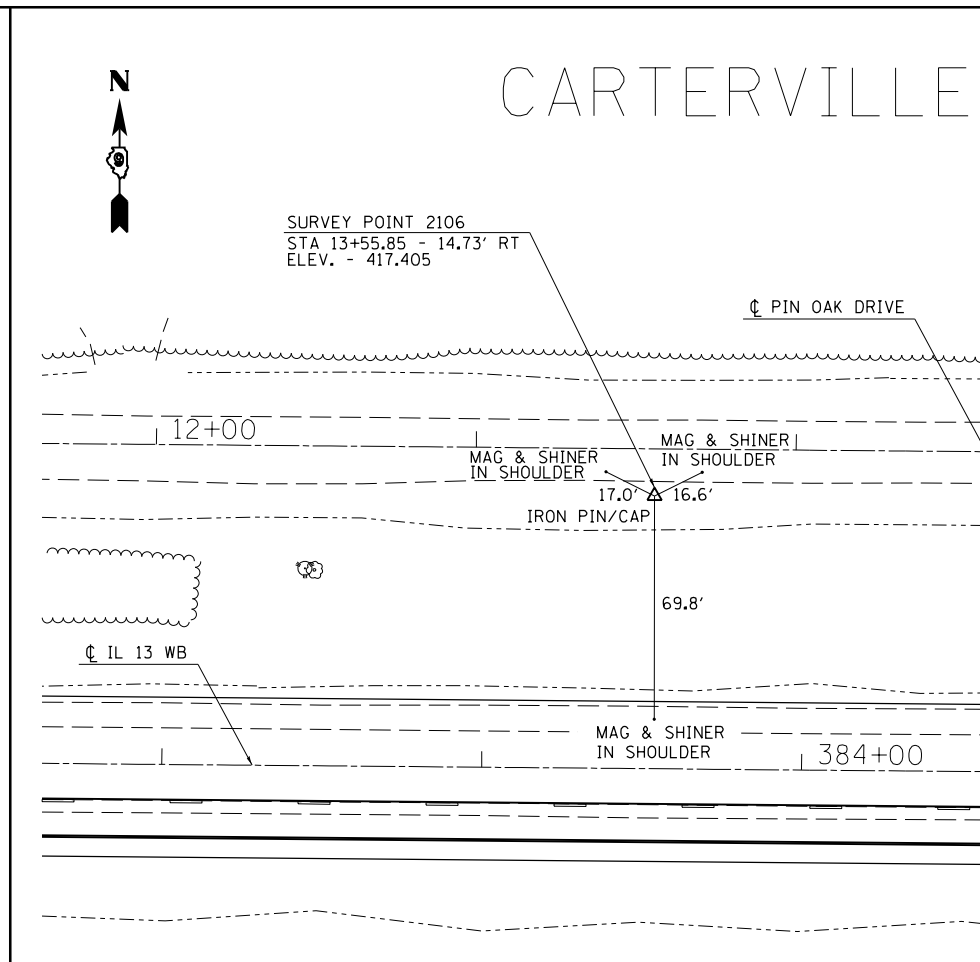
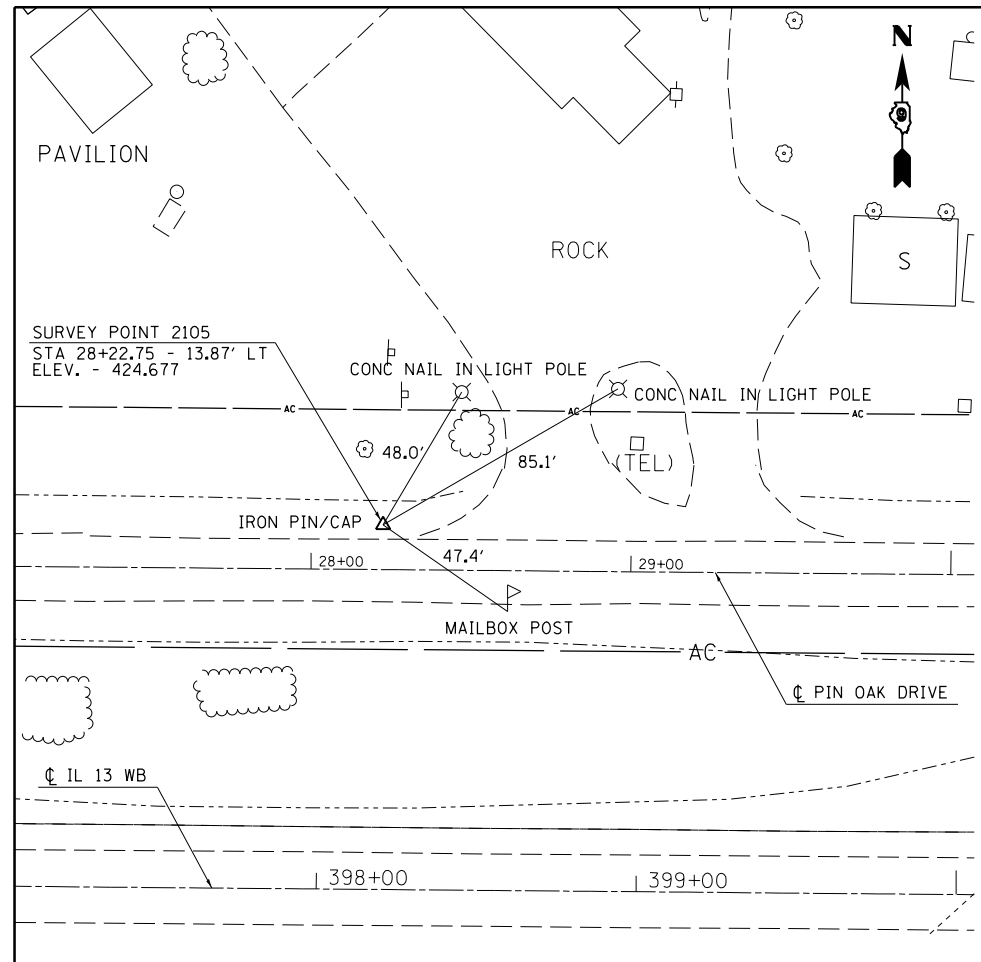
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	18
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				

CARTERVILLE

SURVEY POINT INFORMATION

SURVEY POINT	NORTHING	EASTING	ELEVATION
2105	393702.650	762360.207	424.677
2106	393686.923	760893.115	417.405
2107	393538.189	760845.259	414.449
2108	393582.341	759747.995	414.073



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\p\idot\puff\ee\ad\278330\DX\...-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/5/2013	DATE -	REVISED -

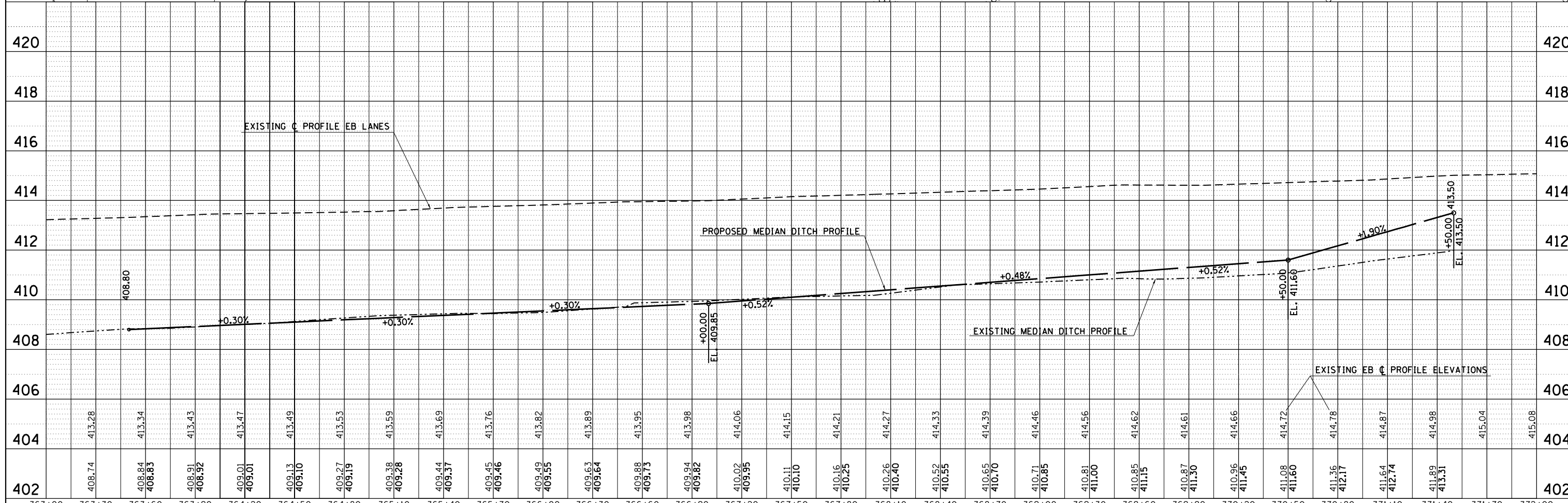
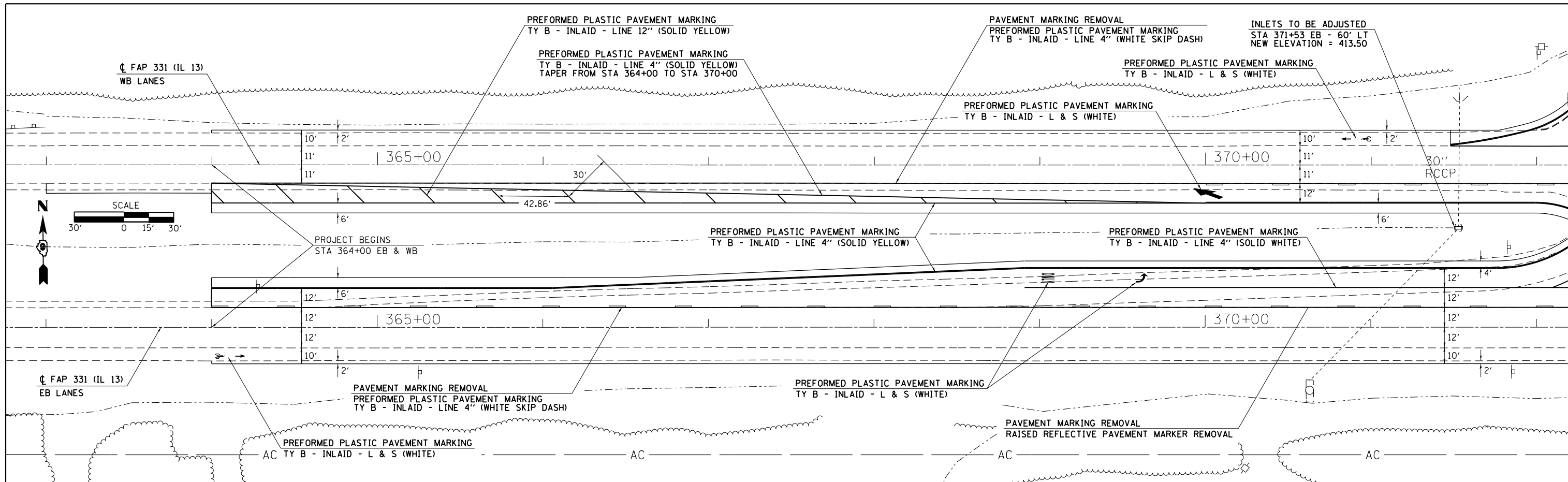
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	19
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				

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

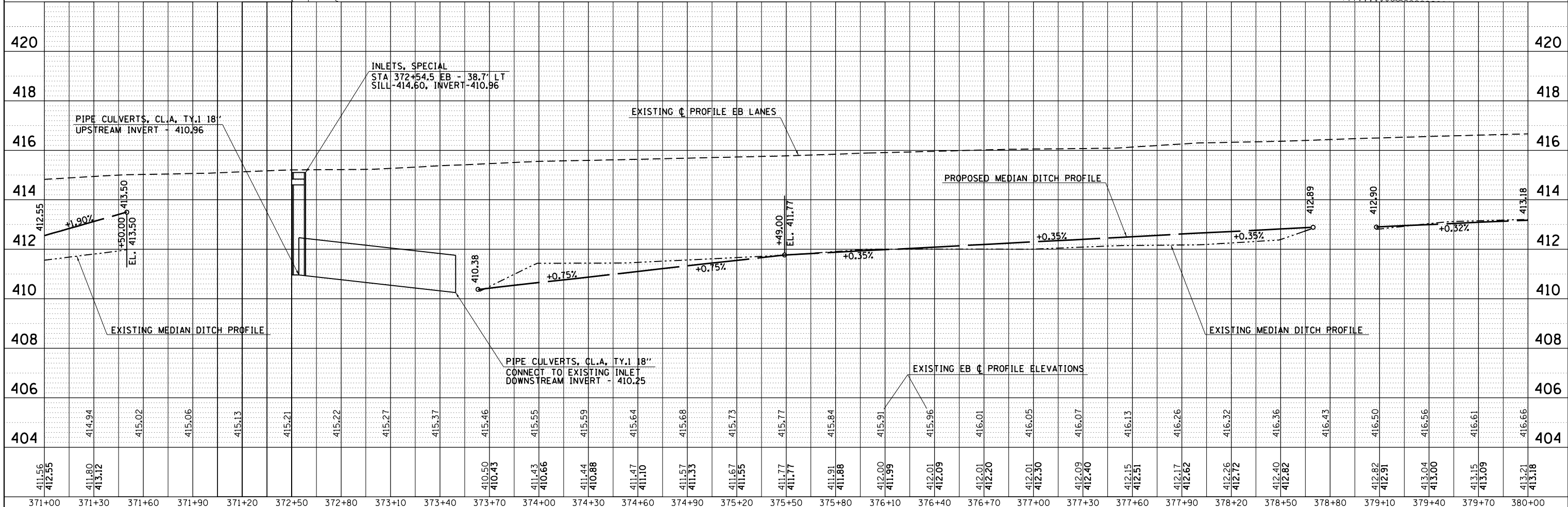
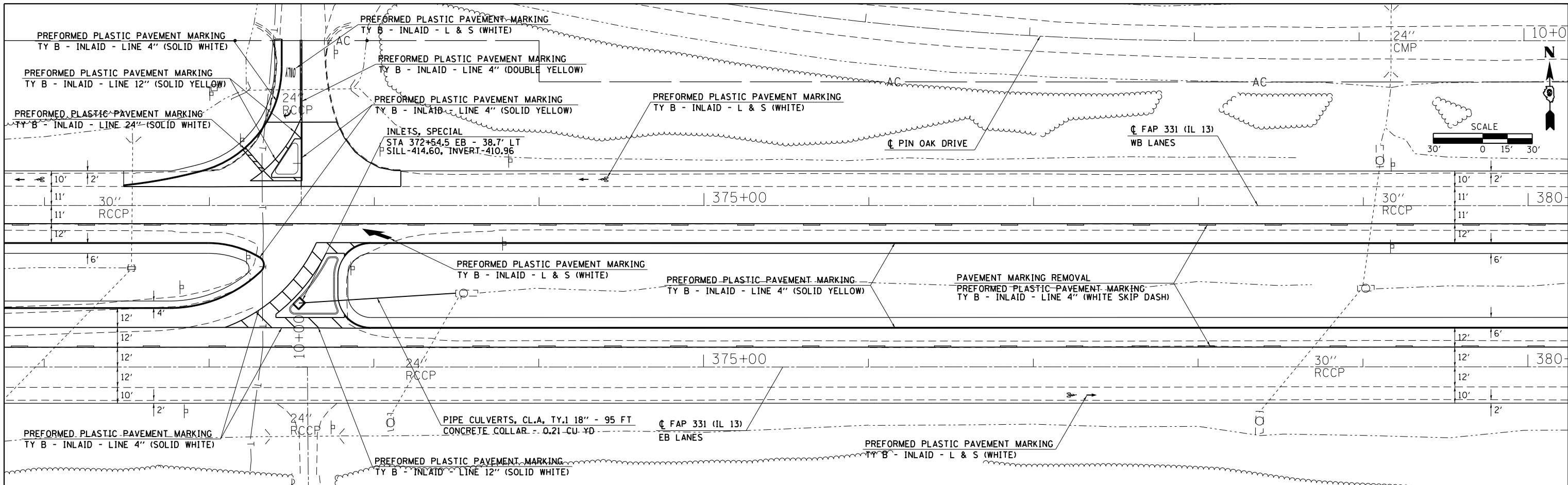
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	NOTATIS CHECKED	



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE STA 363+00 TO STA 372+00		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\thomashf\d0278330\DXxxxxx-shf-plnprf.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	20	CONTRACT NO. 78280		
PLOT SCALE = 60.0000' / in.		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT
PLOT DATE = 2/20/2013		DATE -	REVISED -									

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
GRADES CHECKED	
STRUCTURE	
NOTATION	
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
GRADES CHECKED	
STRUCTURE	
NOTATION	

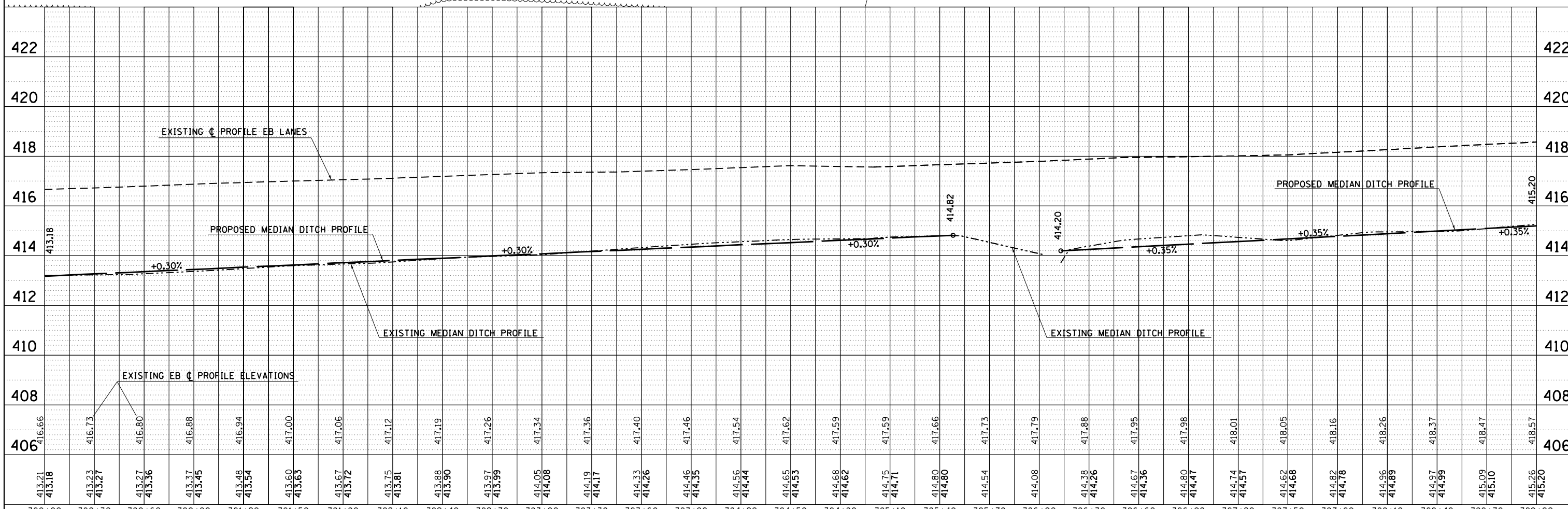
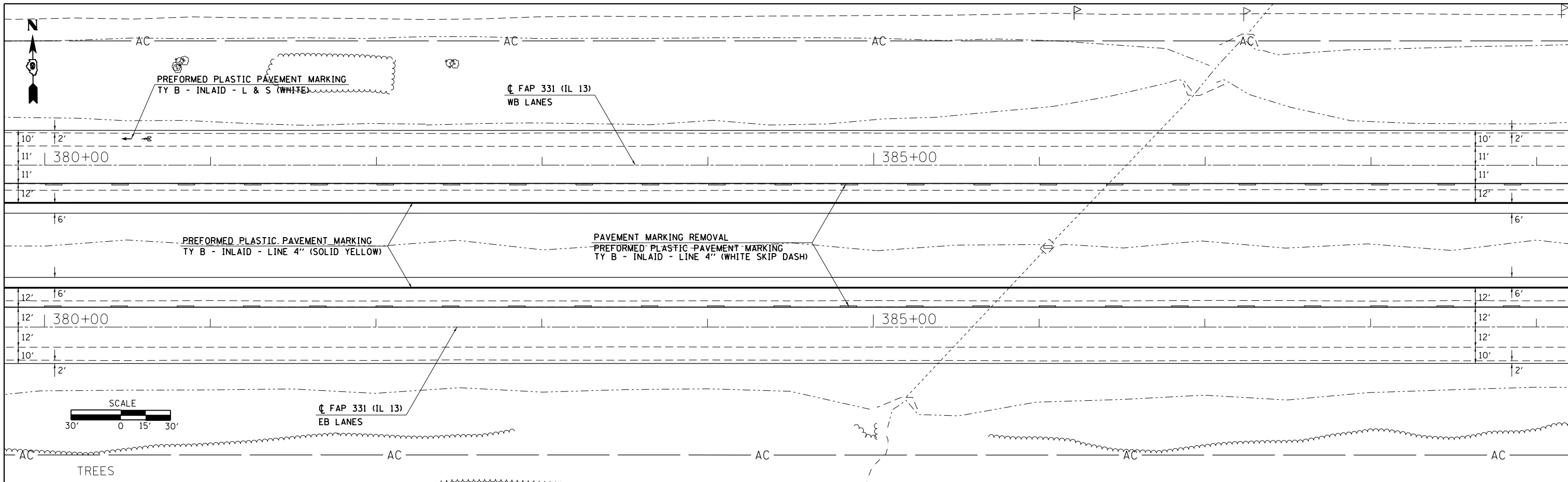
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
GRADES CHECKED	
STRUCTURE	
NOTATION	
DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
GRADES CHECKED	
STRUCTURE	
NOTATION	



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE STA 371+00 TO STA 380+00		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\thomashf\d0278330\DXxxxxx-shf-plnprf.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	21	CONTRACT NO. 78280		
PLOT SCALE = 60.0000' / in.		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT
PLOT DATE = 2/20/2013		DATE -	REVISED -									

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

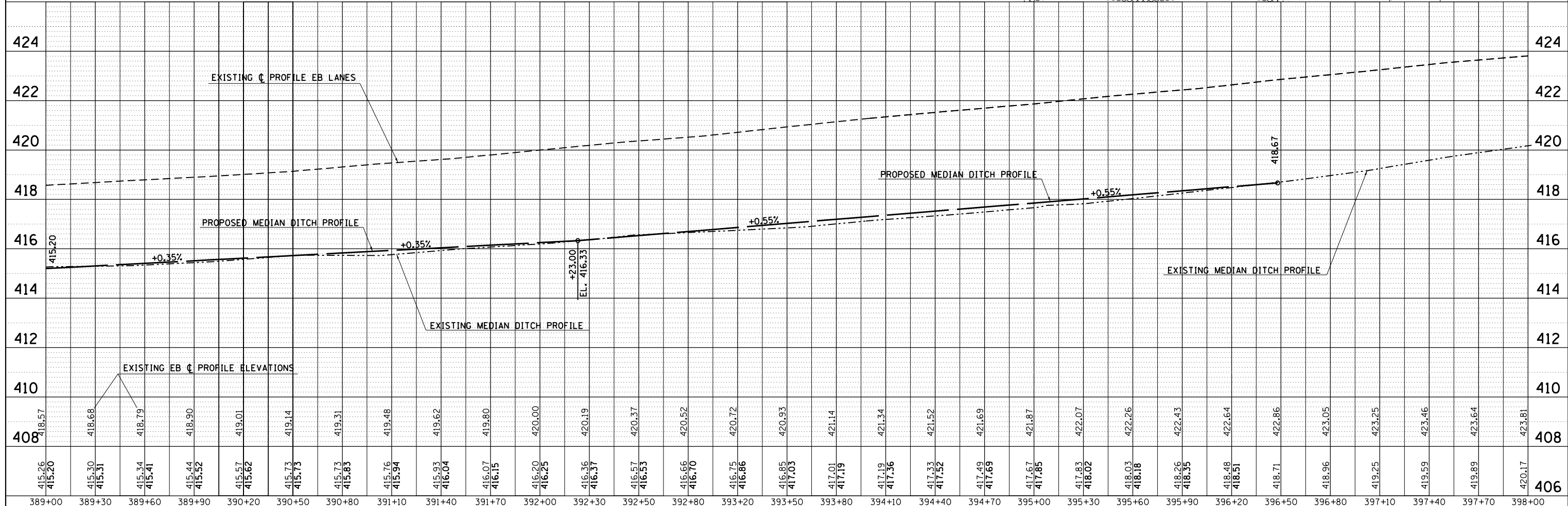
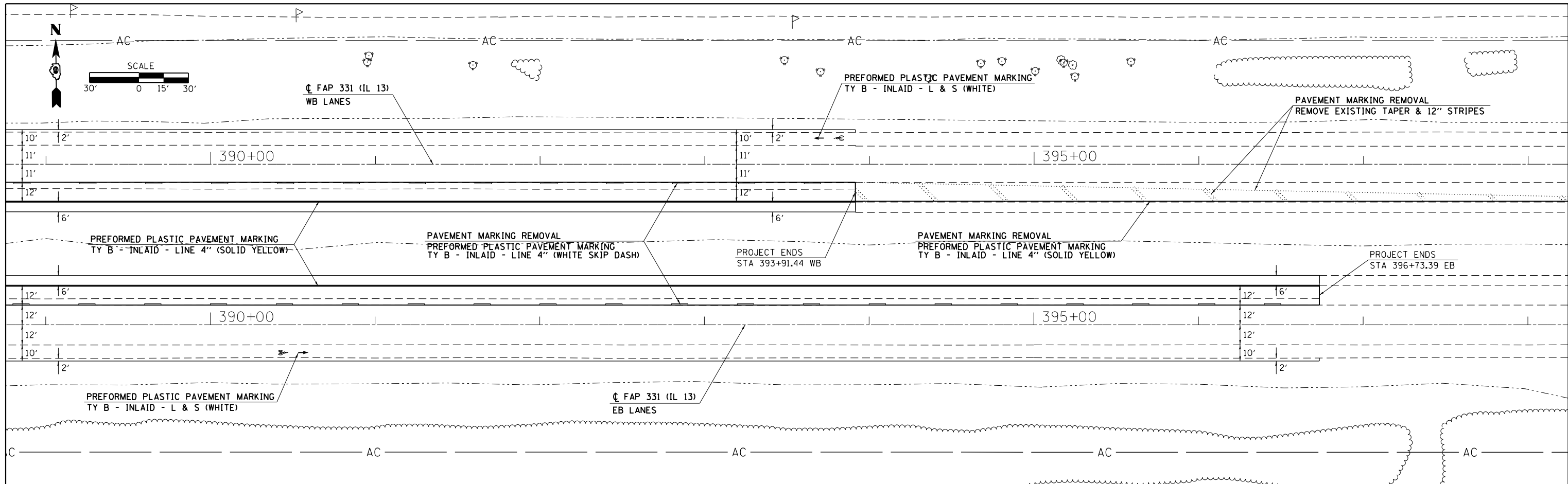
PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILE NAME	



FILE NAME =	USER NAME = thomshf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE				F.A.P. RTE. 331 SECTION (1-4)R-3,N-5 COUNTY WILLIAMSON CONTRACT NO. 78280 ILLINOIS FED. AID PROJECT	
DESIGNED -	REVISOR -	DRAWN -	REVISED -		STA. 380+00 TO STA. 389+00					
CHECKED -	REVISOR -	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS		STA. TO STA.
DATE -	REVISOR -	DATE -	REVISOR -							

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

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



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -
c:\pwork\pwork\thomashf\d0278330\DXxxxxx-sh1-plnpr.f.dgn		DRAWN -	REVISED -
PLOT SCALE = 60.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 2/20/2013		DATE -	REVISED -

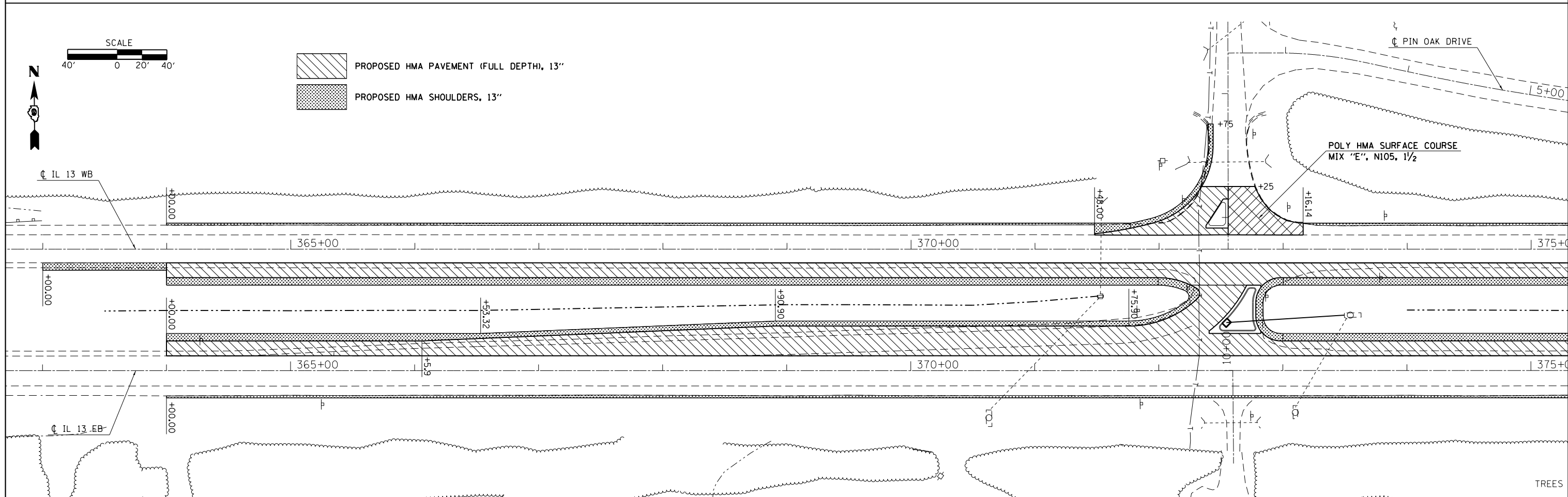
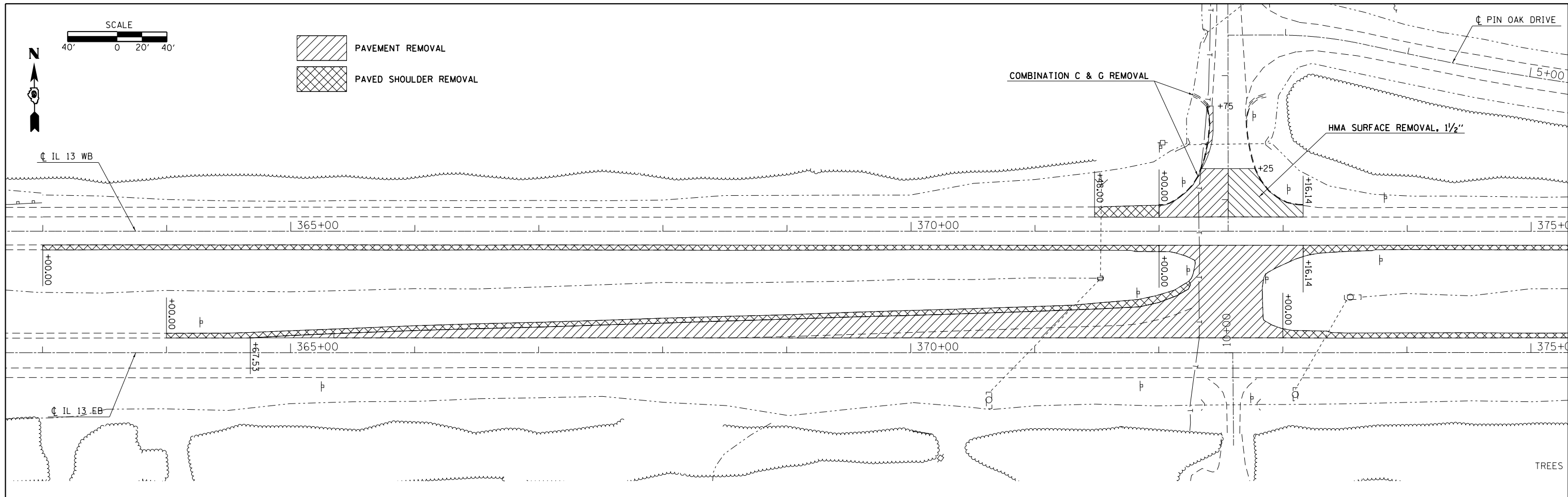
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
STA 389+00 TO STA 398+00**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	23
CONTRACT NO. 78280				

ILLINOIS FED. AID PROJECT



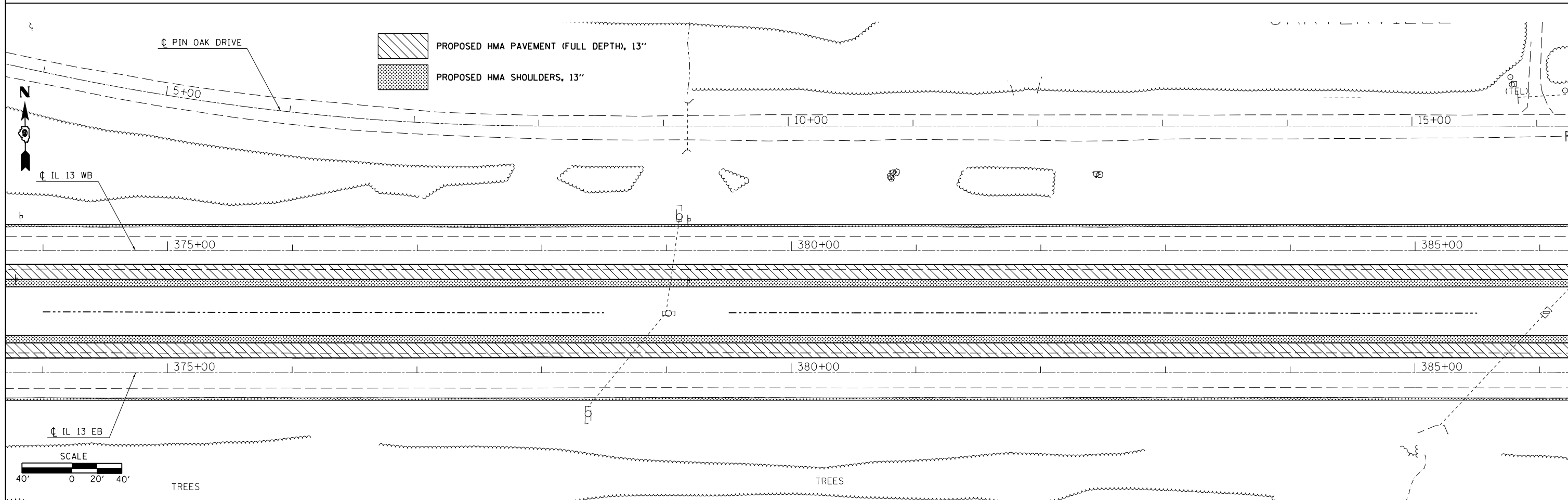
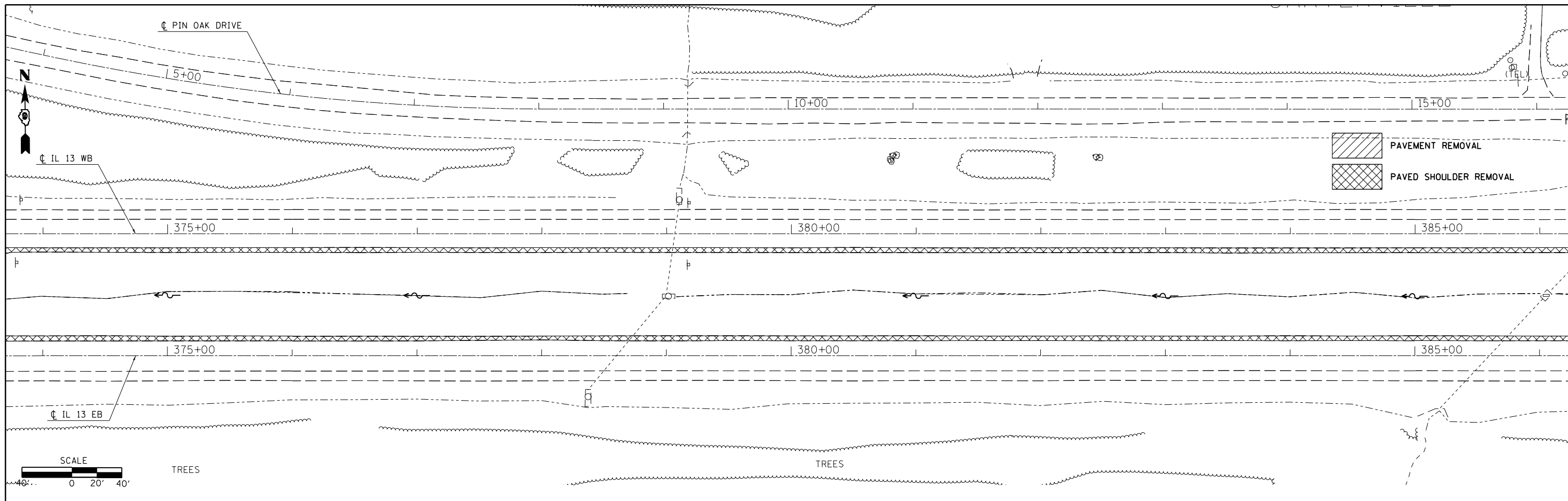
FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -
ei:\pwwork\pwwork\thomashf\0278330\DX\XXXX-sht-eros.dgn	thomashf	DRAWN -	REVISED -
Default	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/20/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

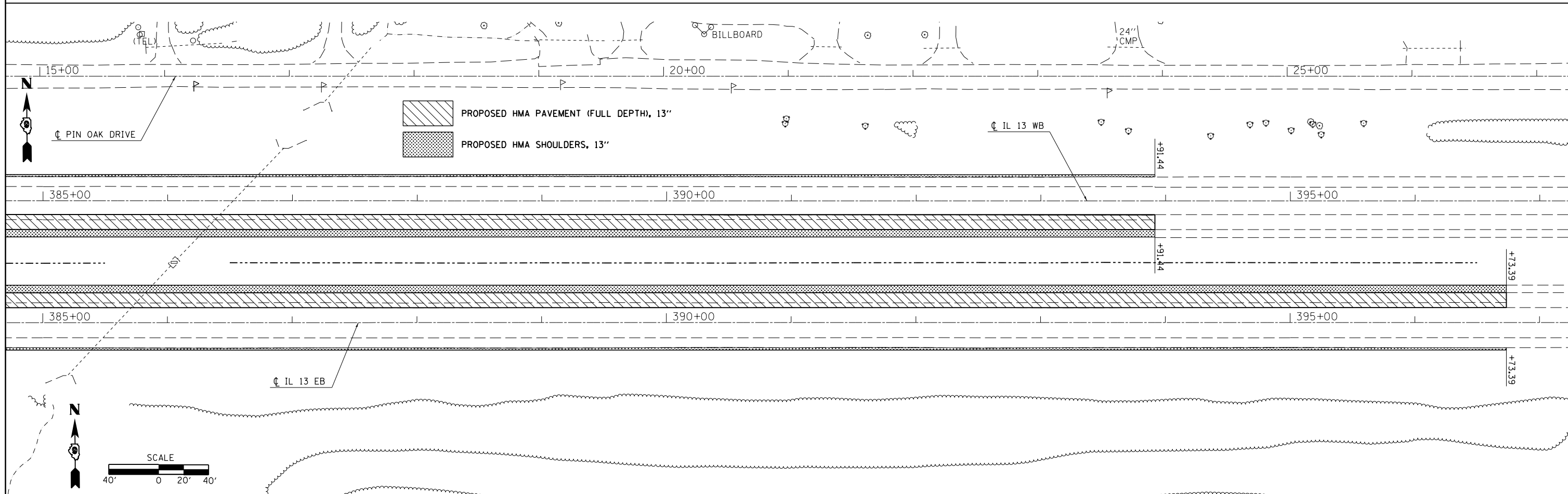
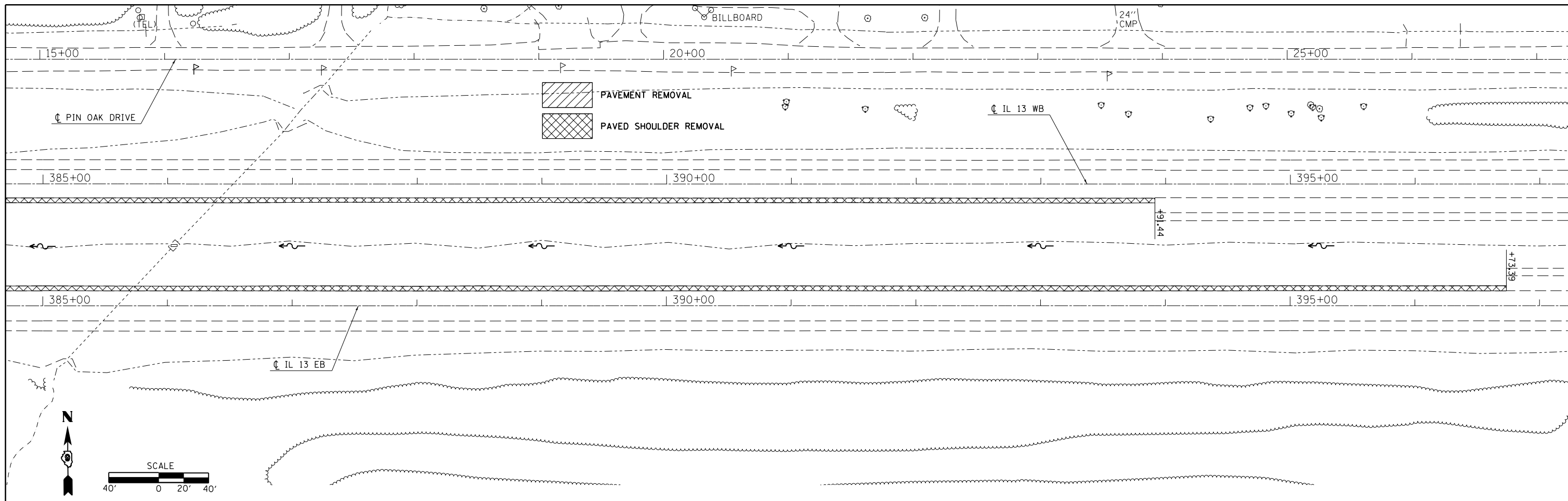
**REMOVAL AND CONSTRUCTION
STA 363+00 TO STA 375+00**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4R-3,N-5	WILLIAMSON	91	24
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL AND CONSTRUCTION STA 374 + 00 TO STA 386 + 00				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\puff\er00\0278330\DX\...-sht-eros.dgn	PLOT SCALE = 80.0000' / in.	DRAWN -	REVISED -		331	(1-4R-3,N-5	WILLIAMSON	91	25				
#MODELNAME#	PLOT DATE = 2/5/2013	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78280				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



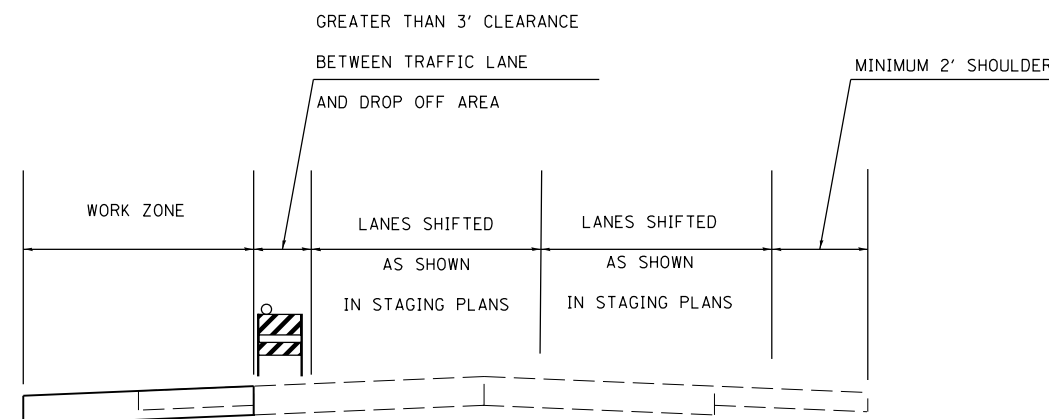
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL AND CONSTRUCTION STA 385+00 TO STA 397+00		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\puff\er\0278330\DX\...-sht-eros.dgn	PLOT SCALE = 80.0000' / in.	DRAWN -	REVISED -				331	(1-4R-3,N-5)	WILLIAMSON	91	26
#MODELNAME#	PLOT DATE = 2/5/2013	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 78280				
		DATE -	REVISED -		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 NUMBER OF FLAGGERS FOR EACH STAGE SHALL BE AS SHOWN IN THE APPLICABLE HIGHWAY STANDARDS. ADDITIONAL FLAGGERS SHALL BE PAID FOR ACCORDING TO SECTION 109.04.
3. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY ARE DIRECTED BY THE ENGINEER.
4. CONFLICTING PAVEMENT MARKING SHALL BE COVERED WITH TYPE III TEMPORARY TAPE, BLACK.
5. SEE SPECIAL PROVISIONS FOR LANE CLOSURE DETAILS.
6. IF 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.
7. ADD "NO LEFT TURN" SIGN WHEN LEFT TURN BAY IS CLOSED ON ILLINOIS 13.
8. SHAWNEE TRAIL SHALL BE CLOSED TO TRAFFIC ACCORDING TO THE "SHAWNEE TRAIL CLOSURE" SPECIAL PROVISION AND BLR 21 AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL.

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
	≥ 45 MPH	18 IN < X ≤ 24 IN FOR < 0.5 MILES OR < 48 HOURS ⁽⁵⁾	CLOSURE USING TEMPORARY TRAFFIC BARRIER
	ALL	> 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

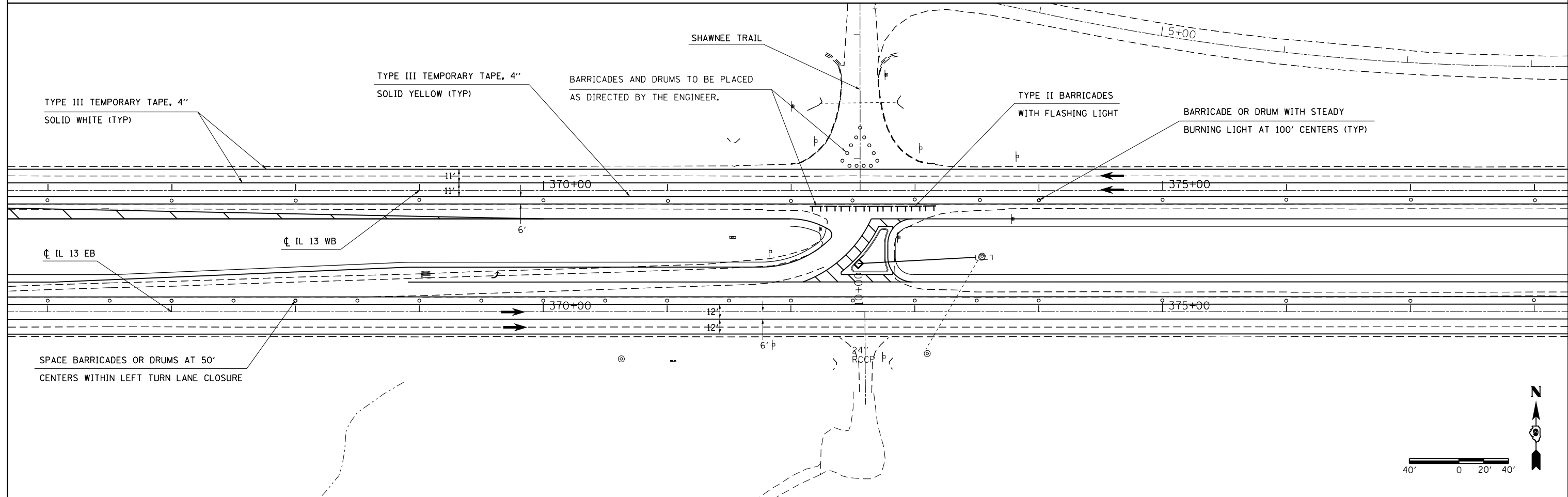
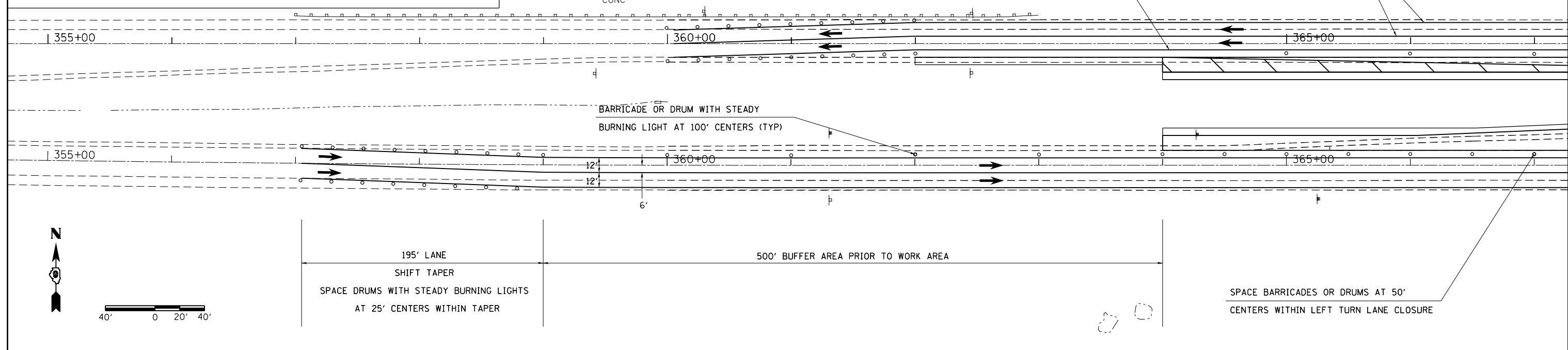


NOTES:

- (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.	
et:\pw\work\p\id\dot\p\uf\fer\ea\l\0278330\DX\staging.dgn		DRAWN -	REVISED -			331	(1-4)R-3,N-5	WILLIAMSON	91	27	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78280					
	PLOT DATE = 2/5/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.	

- STAGE 1
1. REMOVE EXISTING PAVEMENT AND SHOULDER. CONSTRUCT HMA PAVEMENT AND SHOULDER AND RAISED ISLAND.
 2. SHIFT LANES AS SHOWN. A 2' OUTSIDE SHOULDER AND GREATER THAN A 3' CLEARANCE BETWEEN THE INSIDE EDGE OF PAVEMENT AND THE DROP OFF AREA IS REQUIRED AS A MINIMUM. REFER TO DROP-OFF PROTECTION CHART.
 3. SHAWNEE TRAIL WILL BE LIMITED TO RIGHT IN/RIGHT OUT TRAFFIC ONLY DURING THIS STAGE.



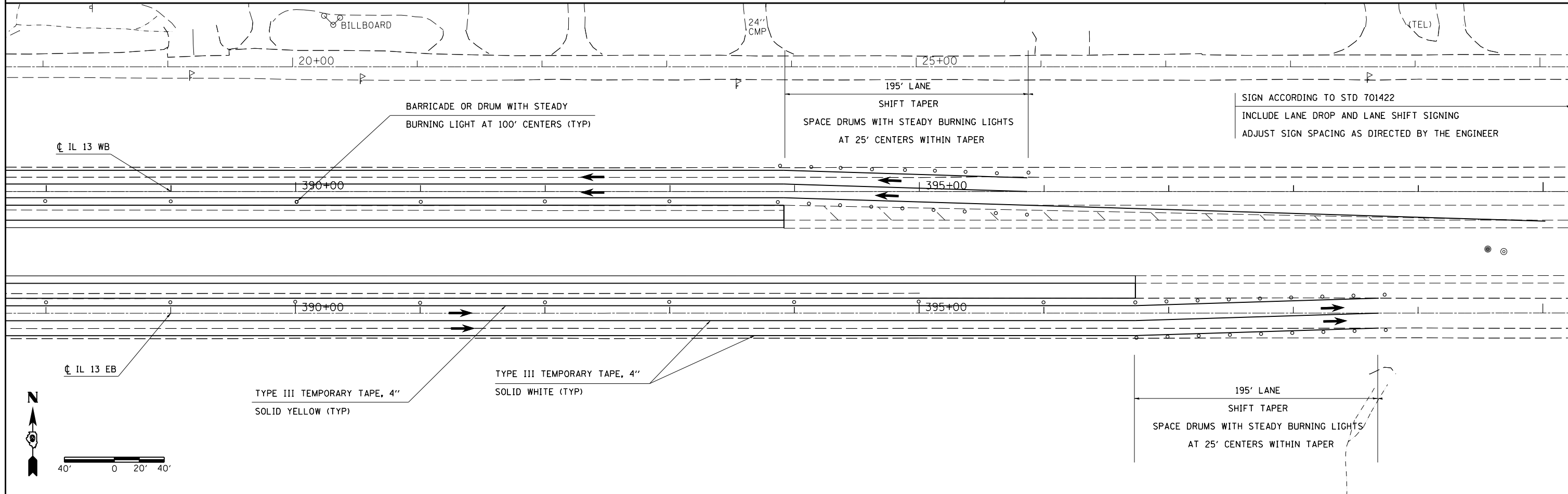
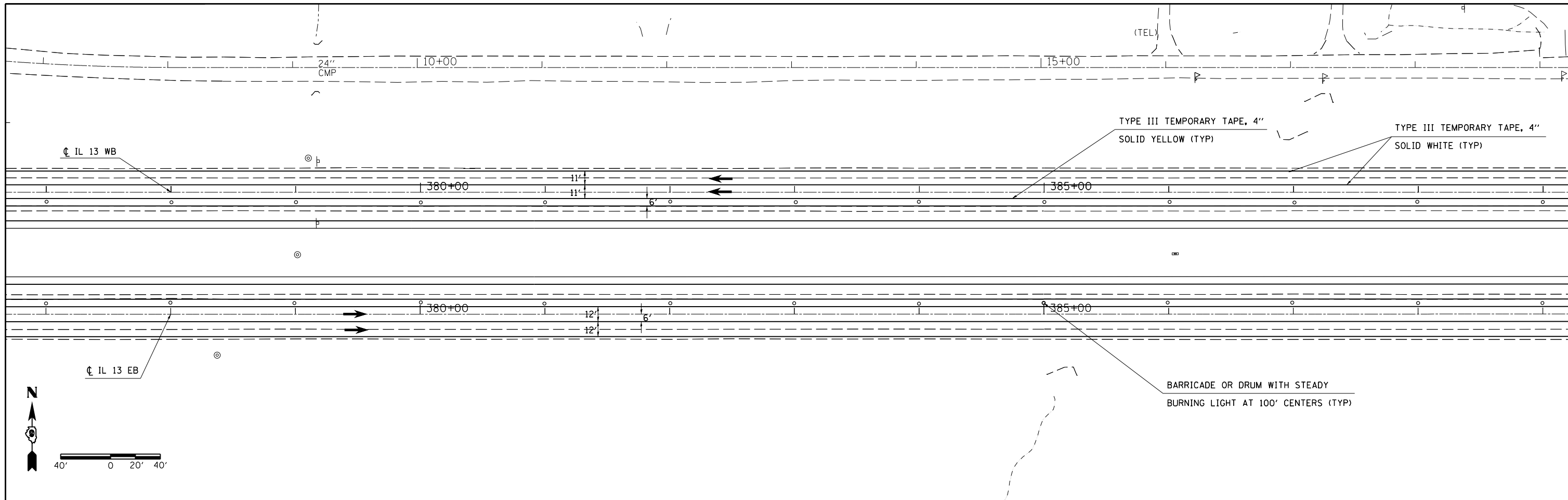
FILE NAME =	USER NAME = thomeshf	DESIGNED -	REVISED -
ca:\pwork\pwork\thomeshf\0278330\DX\staging.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING SHEET
STAGE 1**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4R-3,N-5	WILLIAMSON	91	28
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				

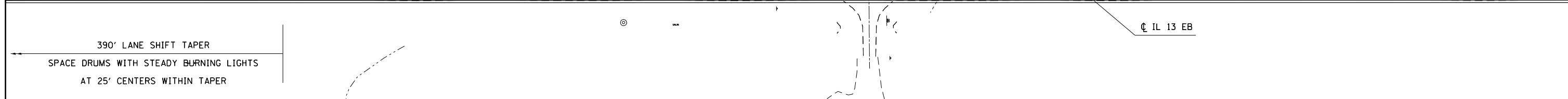
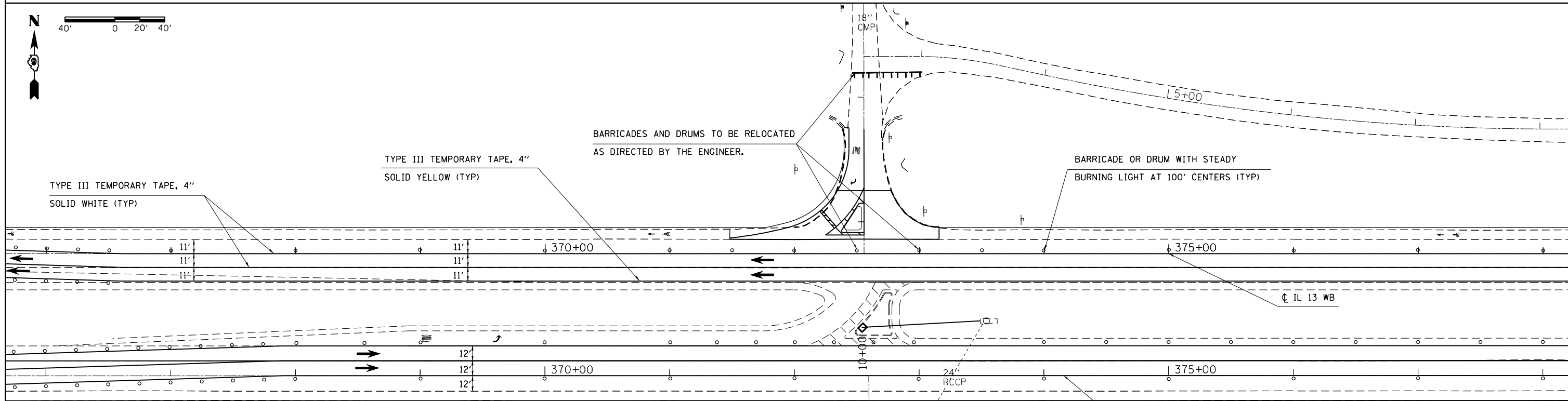
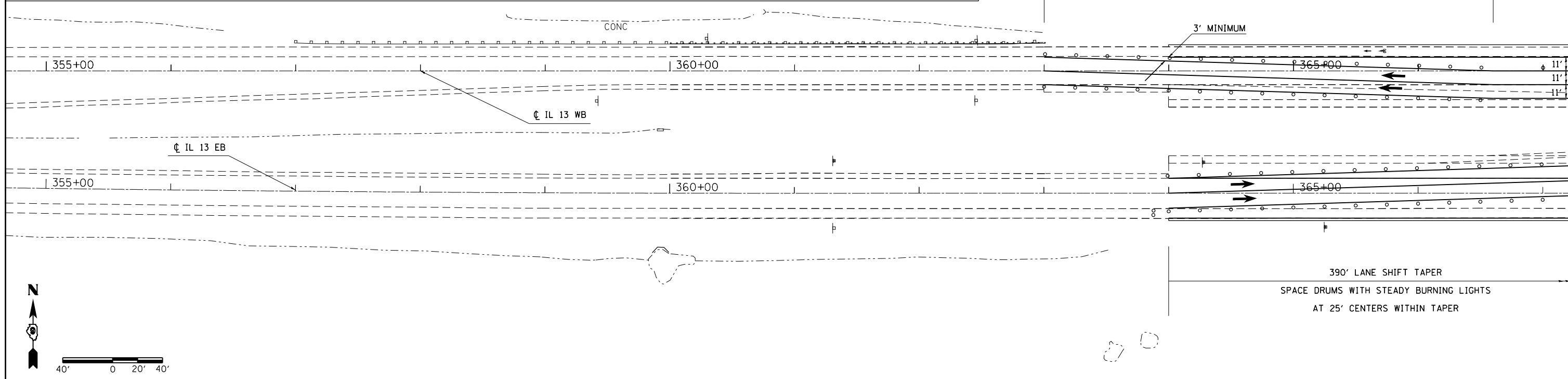


FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING SHEET STAGE 1				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\puff\er\0278330\DX\staging.dgn		DRAWN -	REVISED -		331	(1-4R-3,N-5)	WILLIAMSON	91	29				
#MODELNAME#	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78280				
	PLOT DATE = 2/5/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STAGE 2

1. REMOVE EXISTING PAVEMENT AND SHOULDER. CONSTRUCT HMA PAVEMENT AND SHOULDER AND RAISED ISLAND.
2. SHIFT LANES AS SHOWN. A 2' OUTSIDE SHOULDER AND GREATER THAN A 3' CLEARANCE BETWEEN THE INSIDE EDGE OF PAVEMENT AND THE DROP OFF AREA IS REQUIRED AS A MINIMUM. REFER TO DROP-OFF PROTECTION CHART.

3. SHAWNEE TRAIL WILL BE CLOSED ACCRODING TO THE "SHAWNEE TRAIL CLOSURE" SPECIAL PROVISION.

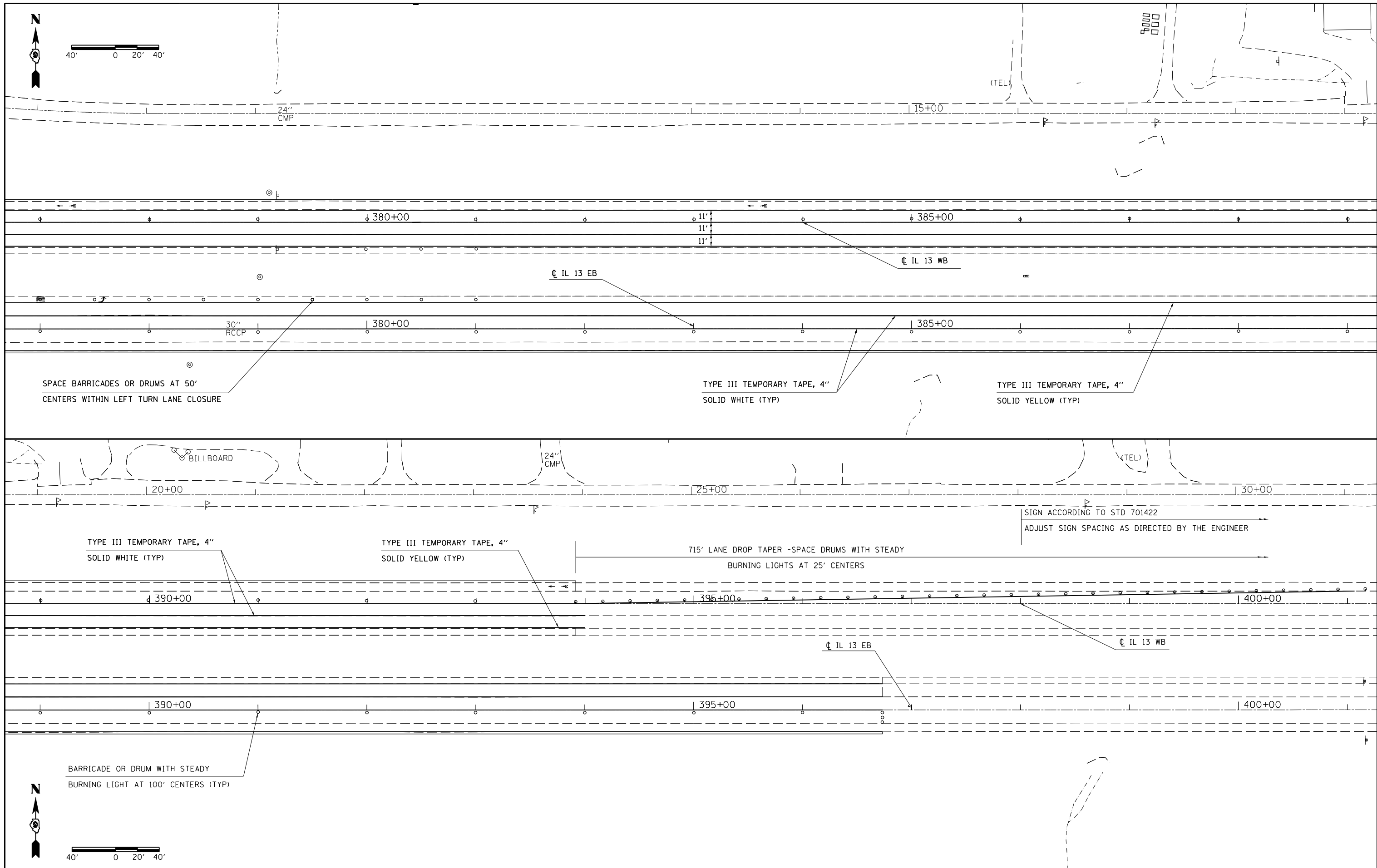


FILE NAME =	USER NAME = thomeshf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING SHEET STAGE 2			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	et:\pw\work\p\midot\thomeshf\0278330\DX\staging.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	331	(1-4R-3,N-5)	WILLIAMSON	91	30
	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -												
	PLOT DATE = 2/20/2013	DATE -	REVISED -												

ILLINOIS FED. AID PROJECT



40' 0 20' 40'



40' 0 20' 40'

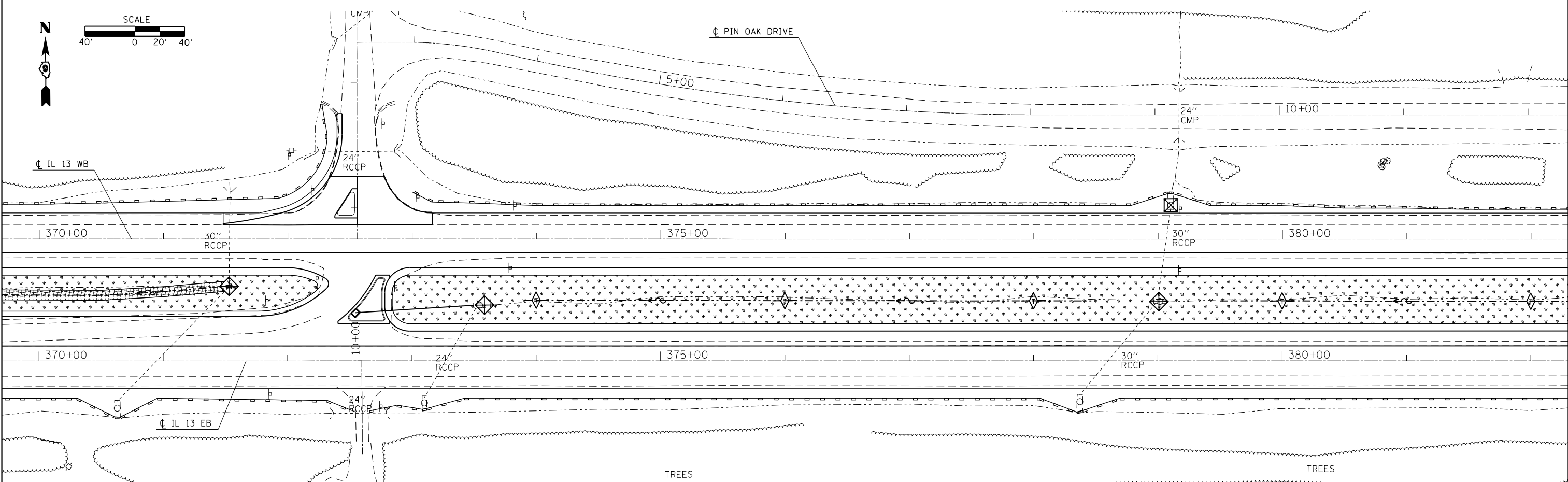
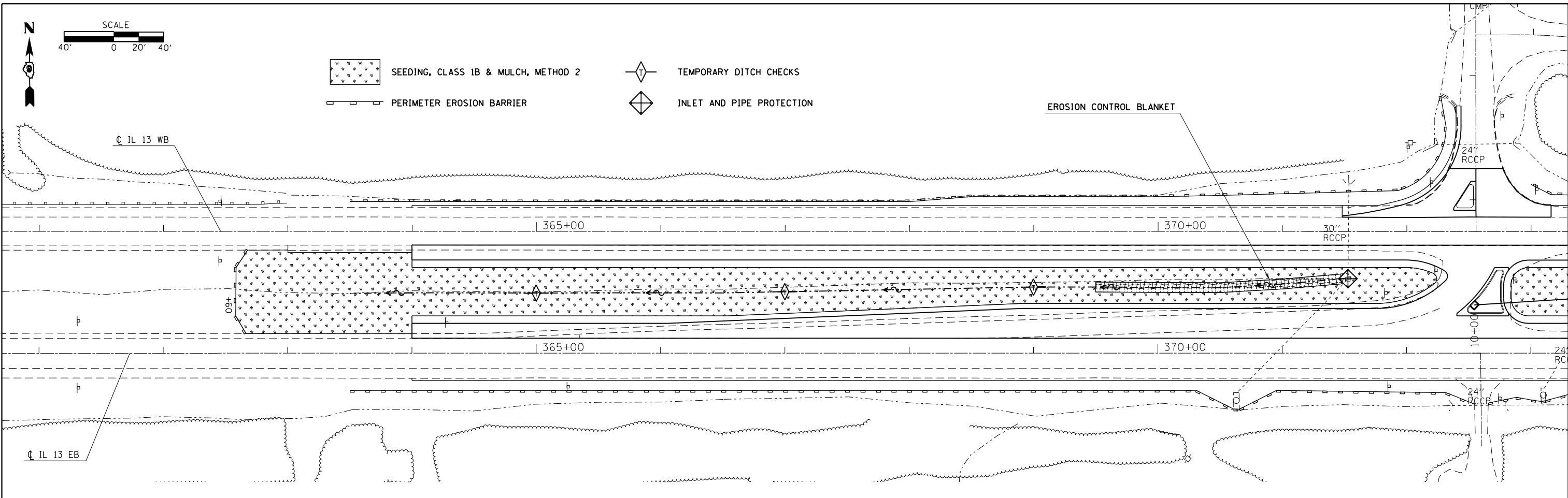
FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pw\work\p\idot\puff\er\ad\278330\DX\staging.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

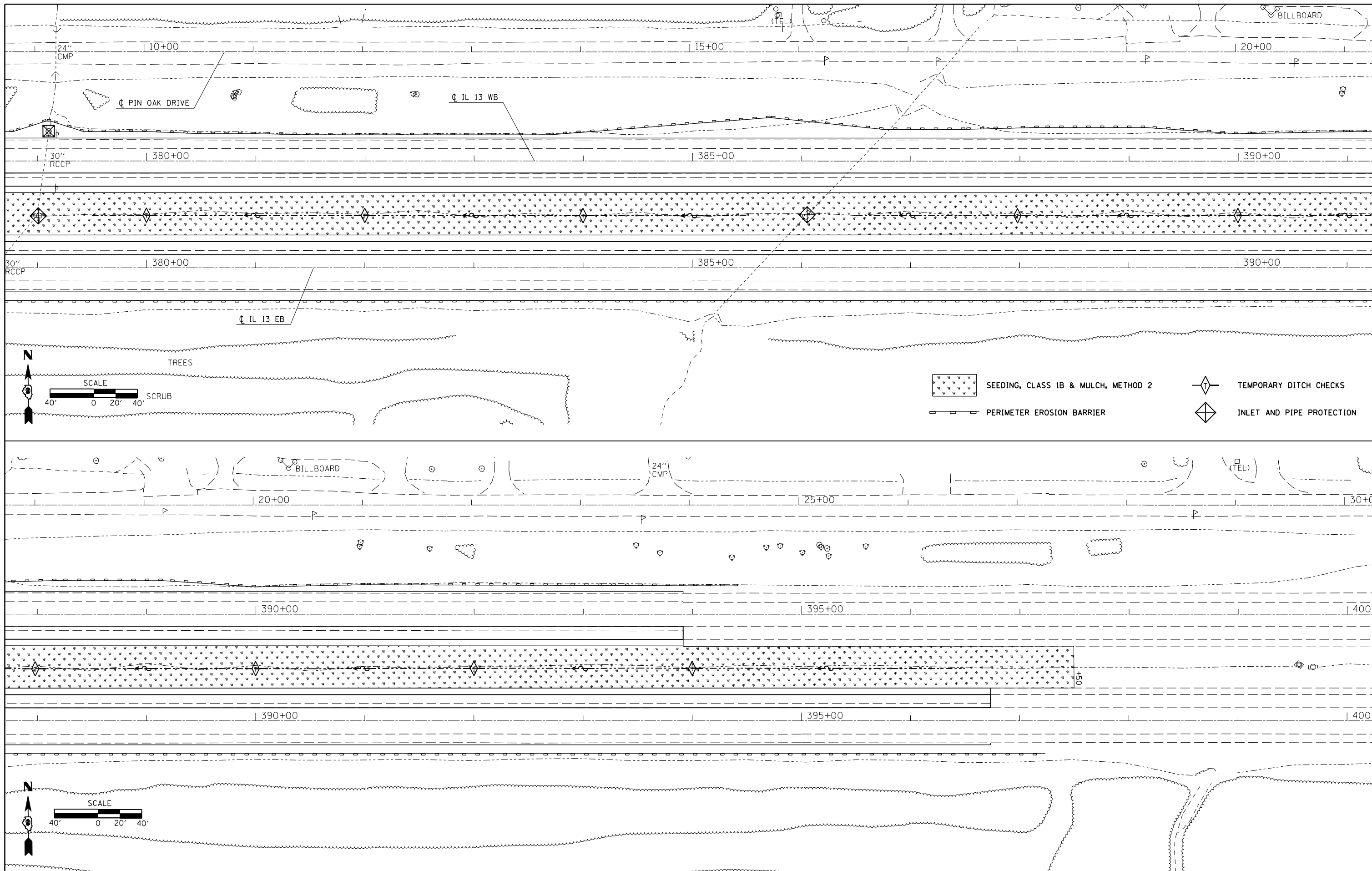
**STAGING SHEET
STAGE 2**





SCALE: SHEET OF SHEETS STA. TO STA.

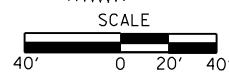
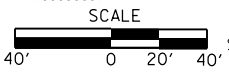
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4R-3,N-5)	WILLIAMSON	91	31
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL STA 361+00 TO STA 382+00				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	et:\pw\work\p\idot\thomashf\0278330\DX\xxxx-sht-eros.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	331	(1-4)R-3,N-5	WILLIAMSON	91 32
	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -										ILLINOIS	FED. AID PROJECT
	PLOT DATE = 2/20/2013	DATE -	REVISED -										CONTRACT NO. 78280	



-  SEEDING, CLASS 1B & MULCH, METHOD 2
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION



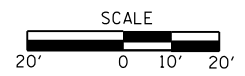
FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -
et:\pwwork\puidot\puffera\ad0278330\DX\erosion\eros.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
STA 379+00 TO STA 400+00**

SCALE: SHEET OF SHEETS STA. TO STA.

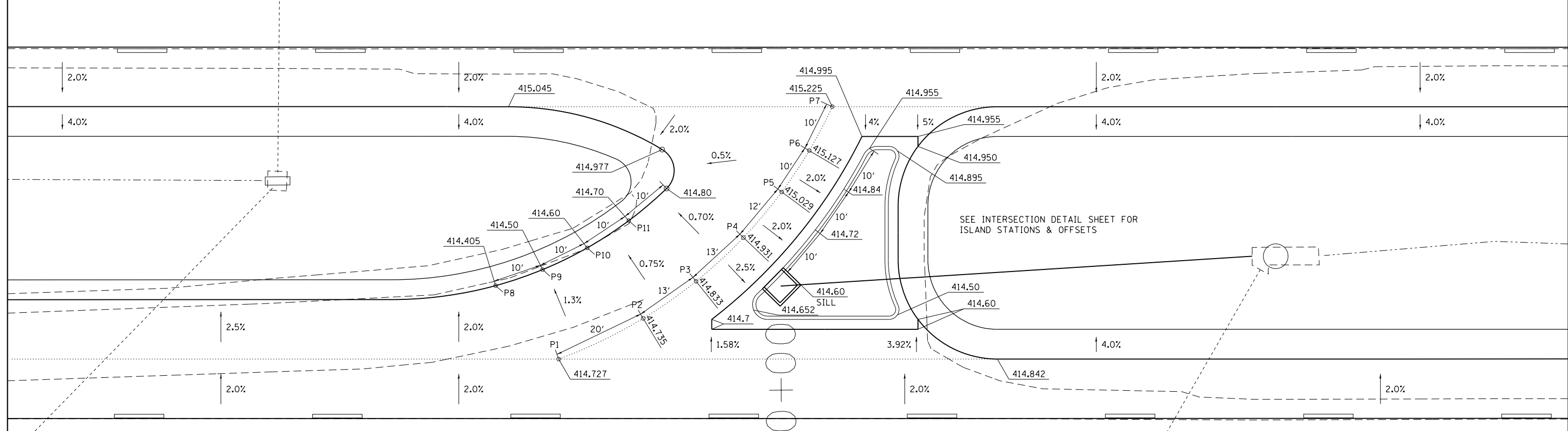
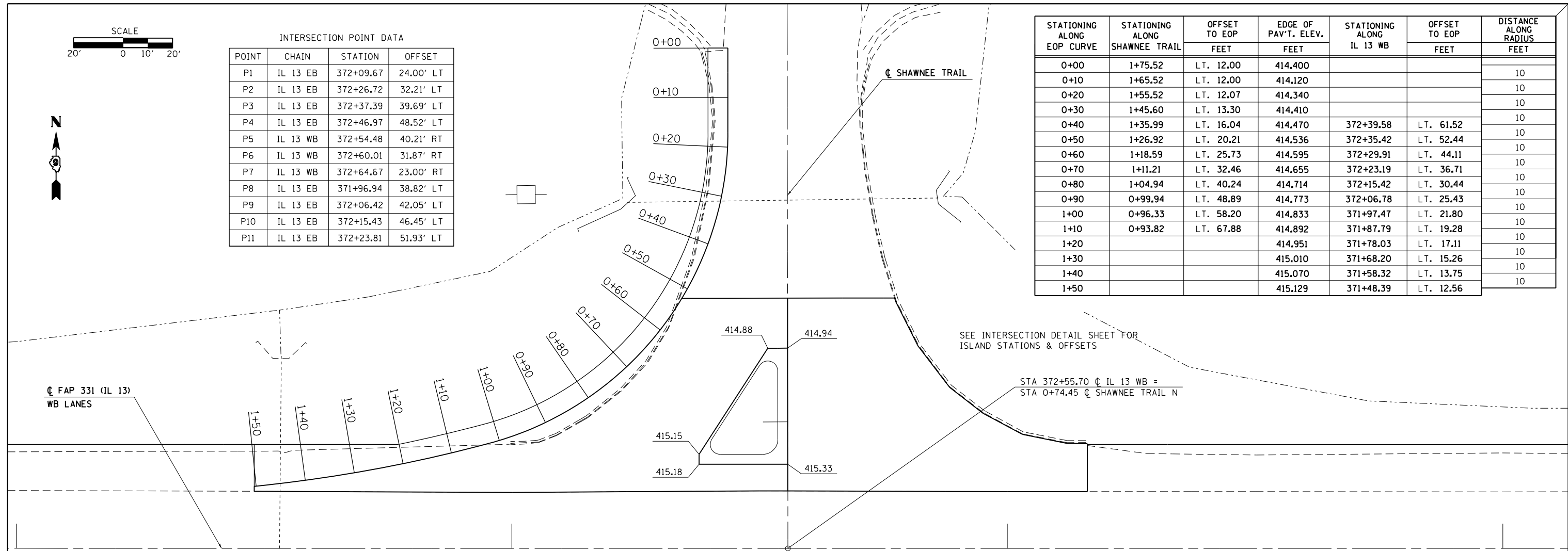
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	33
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				



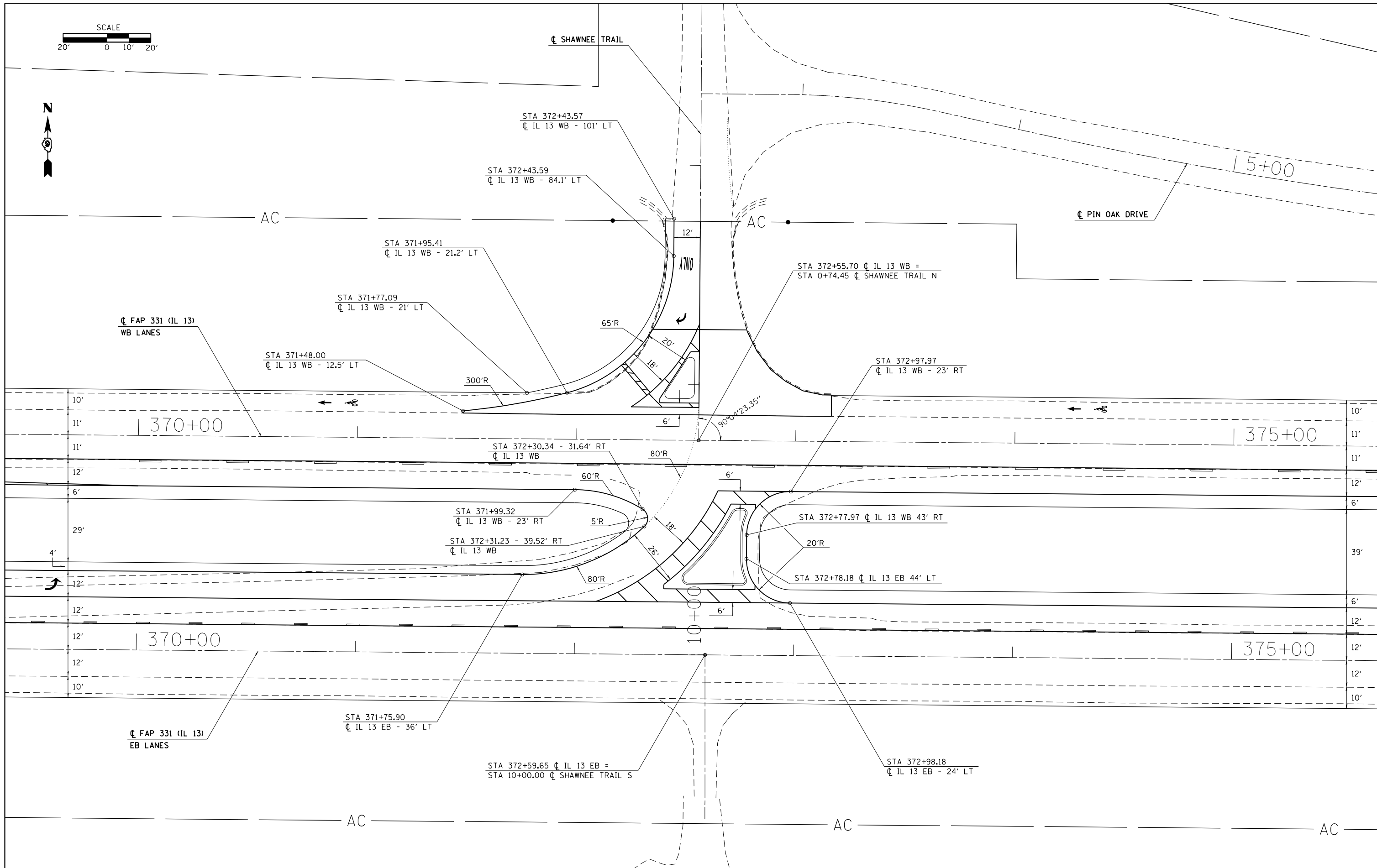
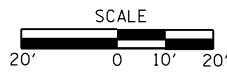
INTERSECTION POINT DATA

POINT	CHAIN	STATION	OFFSET
P1	IL 13 EB	372+09.67	24.00' LT
P2	IL 13 EB	372+26.72	32.21' LT
P3	IL 13 EB	372+37.39	39.69' LT
P4	IL 13 EB	372+46.97	48.52' LT
P5	IL 13 WB	372+54.48	40.21' RT
P6	IL 13 WB	372+60.01	31.87' RT
P7	IL 13 WB	372+64.67	23.00' RT
P8	IL 13 EB	371+96.94	38.82' LT
P9	IL 13 EB	372+06.42	42.05' LT
P10	IL 13 EB	372+15.43	46.45' LT
P11	IL 13 EB	372+23.81	51.93' LT

STATIONING ALONG EOP CURVE	STATIONING ALONG SHAWNEE TRAIL	OFFSET TO EOP FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG IL 13 WB	OFFSET TO EOP FEET	DISTANCE ALONG RADIUS FEET
0+10	1+65.52	LT. 12.00	414.120			10
0+20	1+55.52	LT. 12.07	414.340			10
0+30	1+45.60	LT. 13.30	414.410			10
0+40	1+35.99	LT. 16.04	414.470	372+39.58	LT. 61.52	10
0+50	1+26.92	LT. 20.21	414.536	372+35.42	LT. 52.44	10
0+60	1+18.59	LT. 25.73	414.595	372+29.91	LT. 44.11	10
0+70	1+11.21	LT. 32.46	414.655	372+23.19	LT. 36.71	10
0+80	1+04.94	LT. 40.24	414.714	372+15.42	LT. 30.44	10
0+90	0+99.94	LT. 48.89	414.773	372+06.78	LT. 25.43	10
1+00	0+96.33	LT. 58.20	414.833	371+97.47	LT. 21.80	10
1+10	0+93.82	LT. 67.88	414.892	371+87.79	LT. 19.28	10
1+20			414.951	371+78.03	LT. 17.11	10
1+30			415.010	371+68.20	LT. 15.26	10
1+40			415.070	371+58.32	LT. 13.75	10
1+50			415.129	371+48.39	LT. 12.56	10



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DRAINAGE AND ELEVATION PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	et:\pwork\pwork\thomashf\0278330\DX\xxxx-sht-plnprf.dgn	DRAWN -	REVISED -				331	(1-4R-3,N-5)	WILLIAMSON	91	34
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 78280				
	PLOT DATE = 2/20/2013	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -
es:\pwork\pwork\tdot\thomashf\ad0278330\DXxxxxx-sht-plnprf.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/20/2013	DATE -	REVISED -

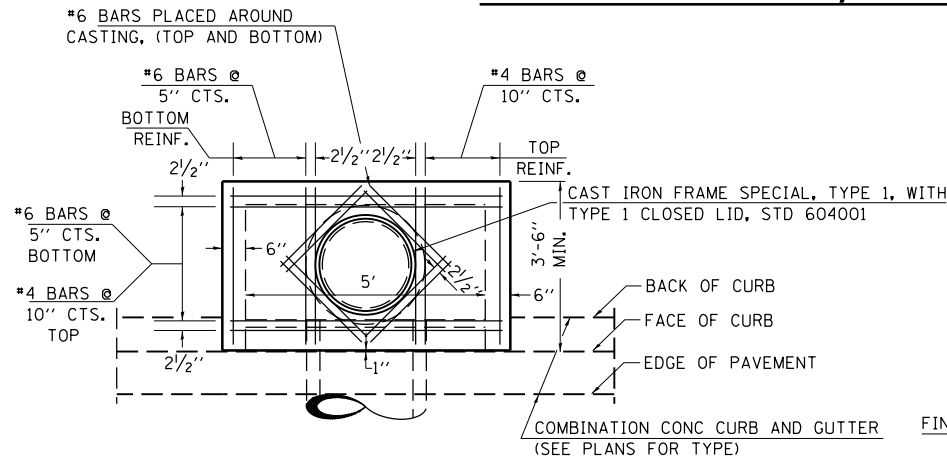
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
SHEET 1 OF 2**

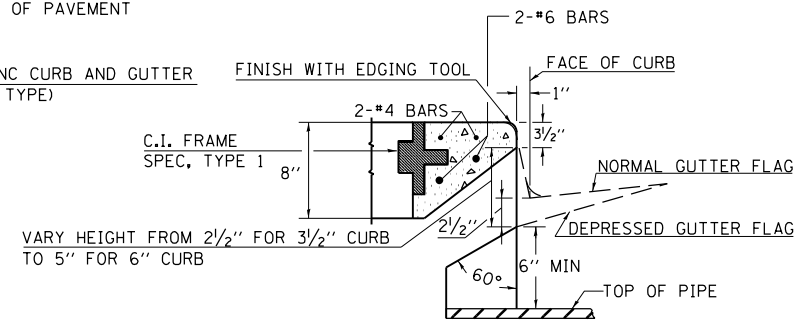
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	35
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				

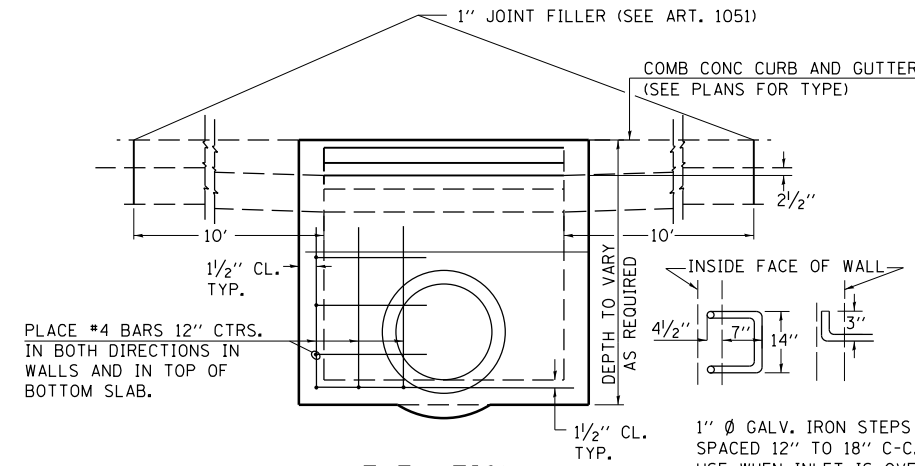
DETAILS OF INLET, SPECIAL



PLAN



SECTION AT WEIR



ELEVATION

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"

NOTES:

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

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS 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.

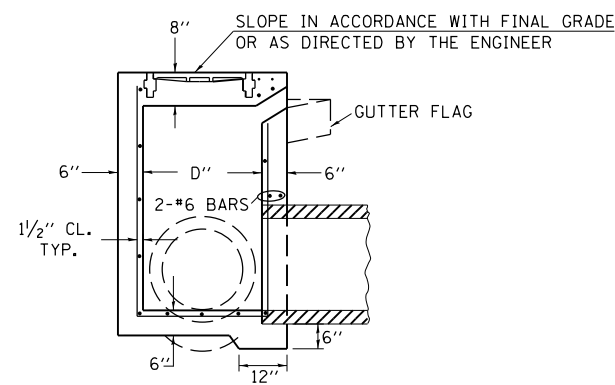
INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLET, SPECIAL, TYPE 3, 5 FEET** OR **INLET, SPECIAL, TYPE 3, 6 FEET** WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

**THE GALVANIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN, MAY BE USED WHEN APPROVED BY THE ENGINEER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".

NOTE TO DESIGNER:

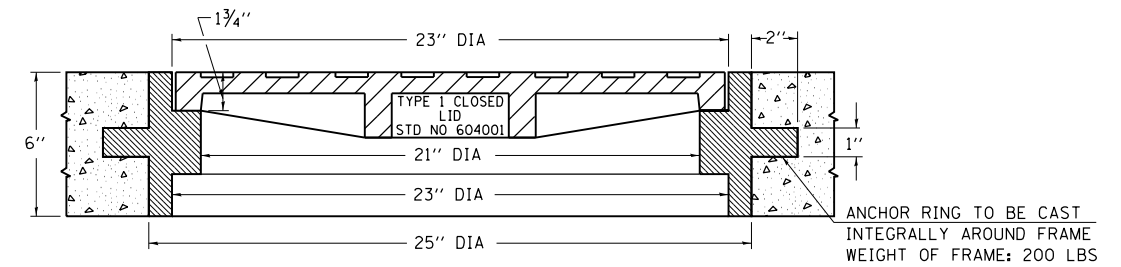
WHEN USING THIS STANDARD THE DESIGNER SHOULD ALSO CHECK BDE SPECIAL PROVISION 419 "PRECAST CONCRETE PRODUCTS".



SECTION

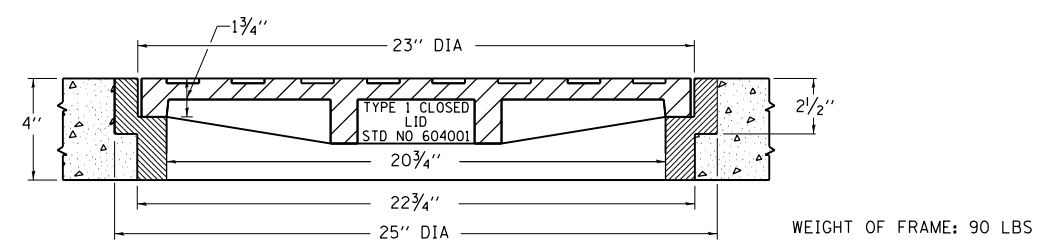
DETAILS OF CAST IRON FRAMES SPECIAL TYPE 1 & TYPE 2 WITH TYPE 1 CLOSED LID

TYPE 1



THE FRAMES MAY BE MADE OF EITHER GRAY IRON CONFORMING TO THE STANDARD SPECIFICATIONS OR DUCTILE IRON CONFORMING TO THE SPECIFICATIONS FOR DUCTILE IRON CASTING, A.S.T.M. DESIGNATION: A536, GRADE 60-45-10.

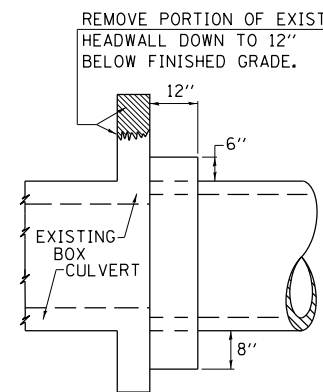
TYPE 2



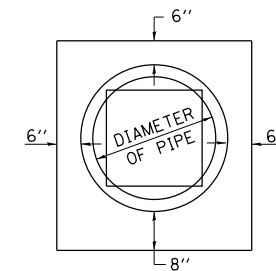
REVISIONS	
REDRAWN	2-15-89
REVISED	12-14-01
REVISED	3-26-08

STD. 9-18

DETAILS OF CONCRETE COLLAR



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	3-26-08
REVISED	8-15-94	REVISED	
REVISED	1-19-99	REVISED	
REVISED	5-6-04	REVISED	

STD. 9-1

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

STD. 9-19

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
ei:\pw\work\p1dot\puffer\0278330\DX\sh-t-deta1.s.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 2/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

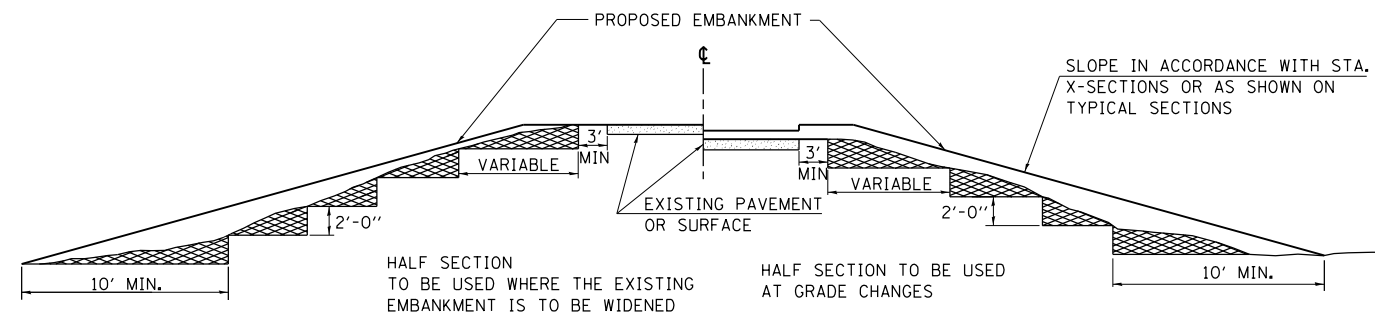
DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	37

CONTRACT NO. 78280
ILLINOIS FED. AID PROJECT

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL



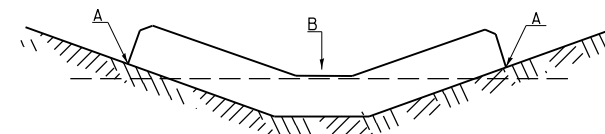
MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

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

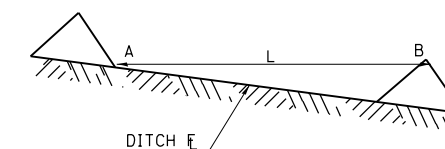
STD. 9-16

TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



SPACING BETWEEN TEMPORARY DITCH CHECKS

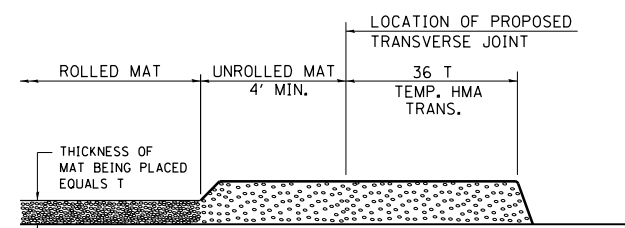


L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION
B = THE LOW POINT IN CENTER OF CHECK

REVISIONS	
DRAWN	9-01-99
REVISED	10-3-01
RESIZED	5-8-08
REVISED	05-04-10

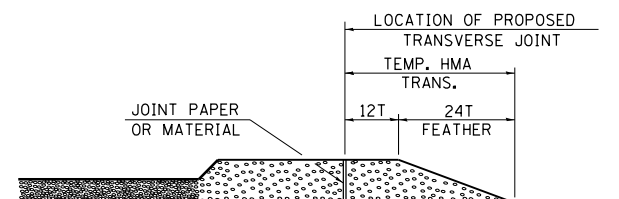
STD. 9-108

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



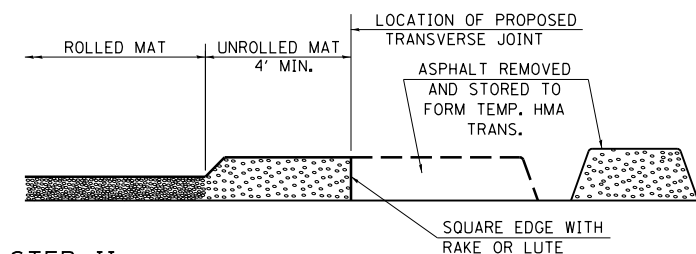
STEP I

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



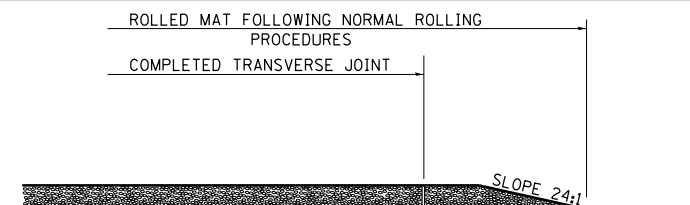
STEP III

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



STEP II

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



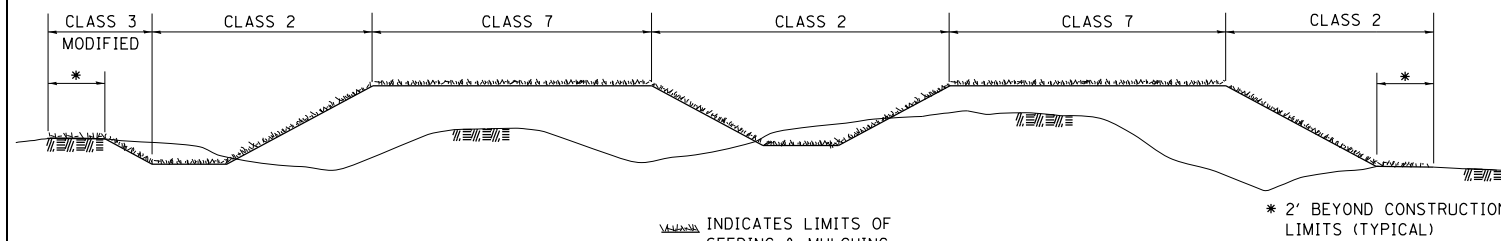
STEP IV

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

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

STD. 9-26

SEEDING & MULCHING



GENERAL NOTES

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

FOR SLOPES GREATER THAN 1:3 (H:V) CLASS 3 MODIFIED SHALL BE USED.

FERTILIZER NUTRIENTS AND AGRICULTURAL LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS EXCEPT THOSE AREAS SEEDED WITH CLASS 7 UNLESS OTHERWISE SPECIFIED.

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

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

ALL AREAS THAT ARE TO BE LEFT BARE FOR ONE MONTH SHALL RECEIVE CLASS 7 SEEDING.

ANY AREAS THAT CANNOT RECEIVE PERMANENT SEEDING BEFORE WINTER SHUTDOWN SHALL BE SEEDED WITH CLASS 7 SEEDING.

REVISIONS	
DRAWN	4-11-95
REVISED	3-27-08
REVISED	
REVISED	

STD. 9-101

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
et:\pwork\pwork\puffer\00\0278330\DX\shd\shd-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 2/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

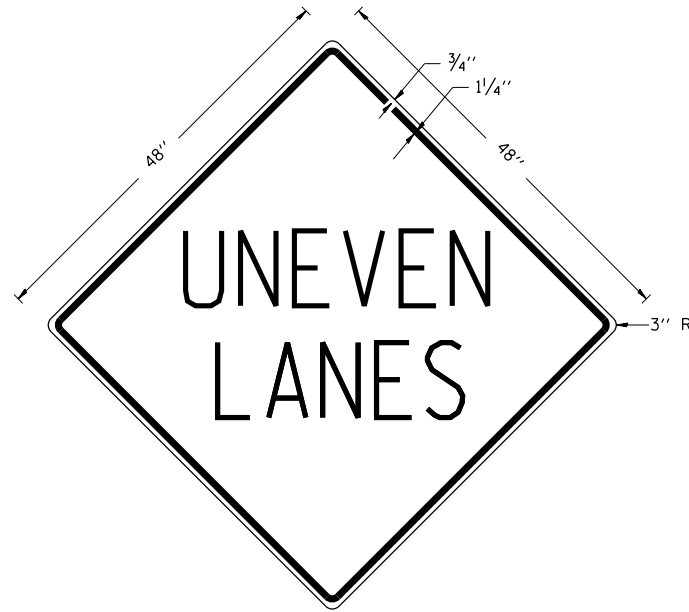
DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	38
CONTRACT NO. 78280				
ILLINOIS FED. AID PROJECT				

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

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

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

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

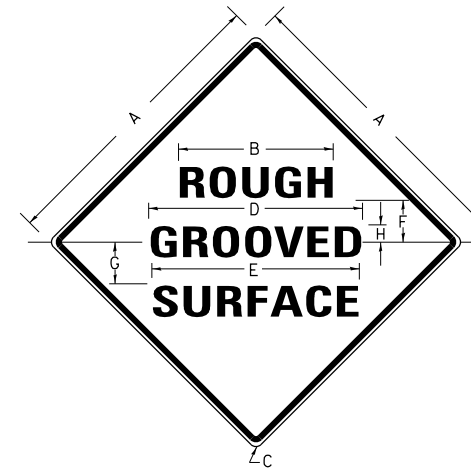
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

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

STD. 9-41

ILLINOIS STANDARD

W8-I106



COLORS:

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

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

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

ALL DIMENSIONS IN INCHES

NOTES:

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

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

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

REVISIONS

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

STD. 9-39

FILE NAME =	USER NAME = thomeshf	DESIGNED -	REVISED -
et:\pw\work\p1dot\thomeshf\0278330\DX\...sht-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 2/20/2013		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

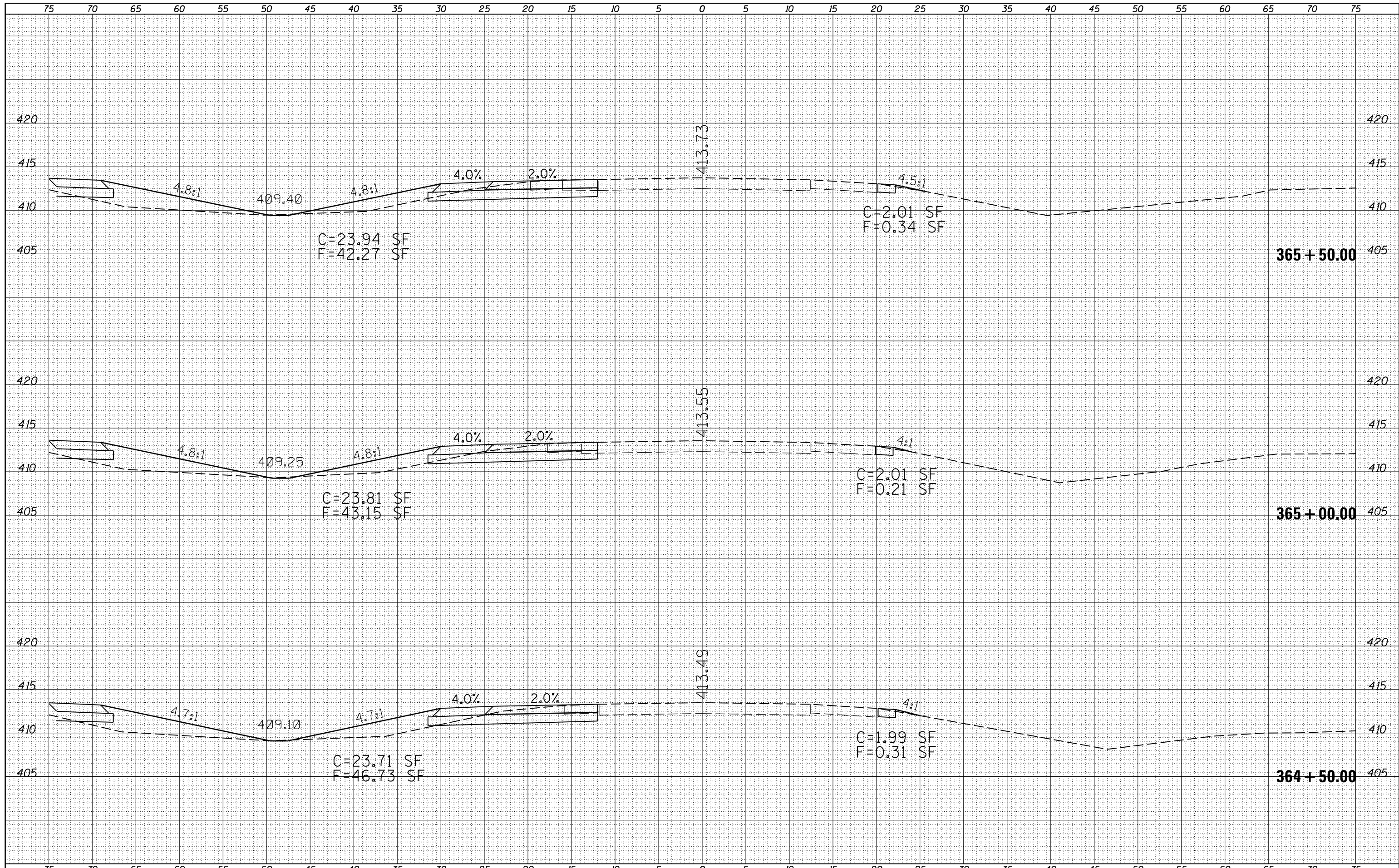
DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	39
CONTRACT NO. 78280			ILLINOIS FED. AID PROJECT	

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

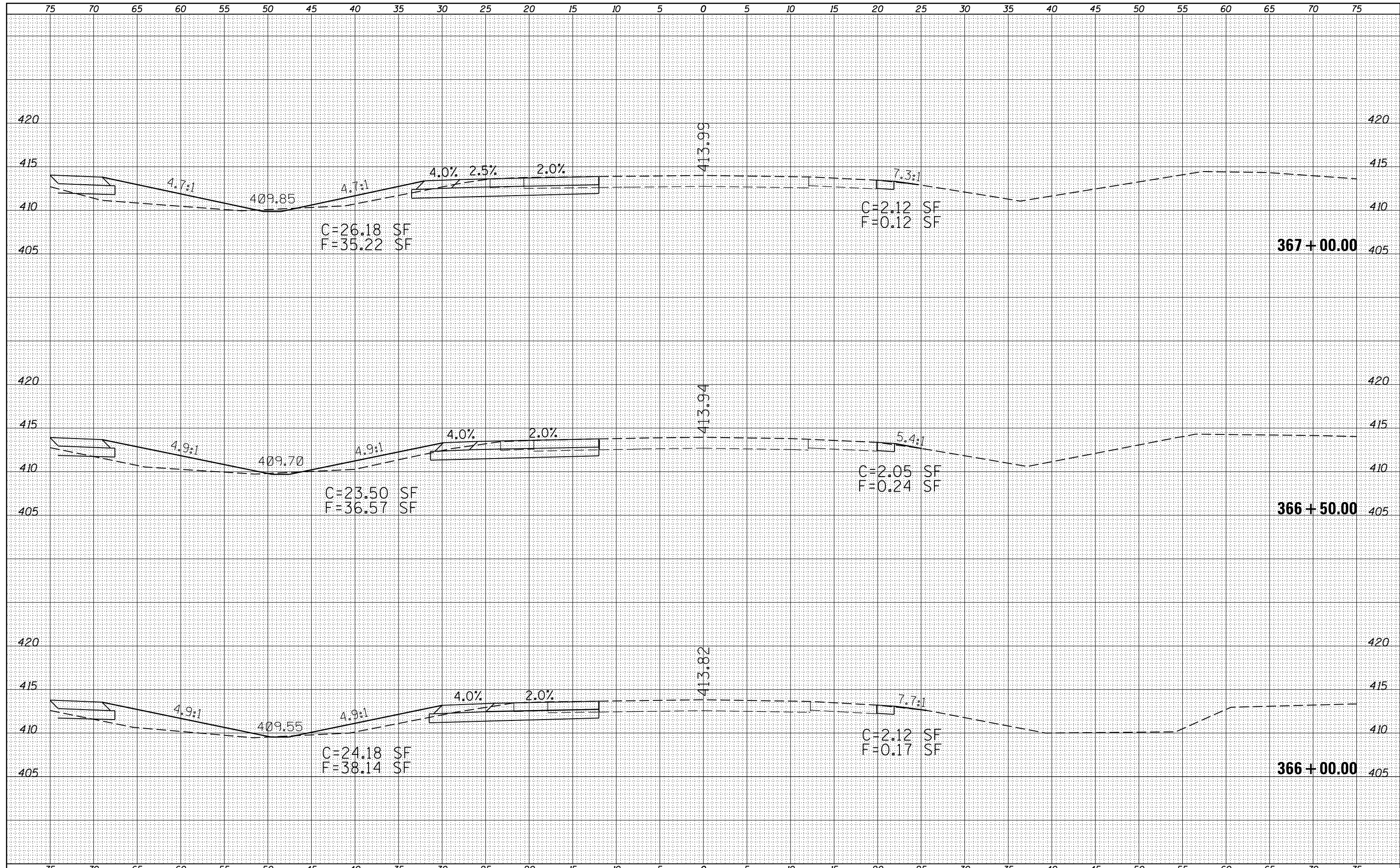
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	41		
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 364+50.00 TO STA. 365+50.00		CONTRACT NO. 78280		ILLINOIS FED. AID PROJECT		
PLOT DATE = 2/5/2013		DATE -	REVISED -								

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

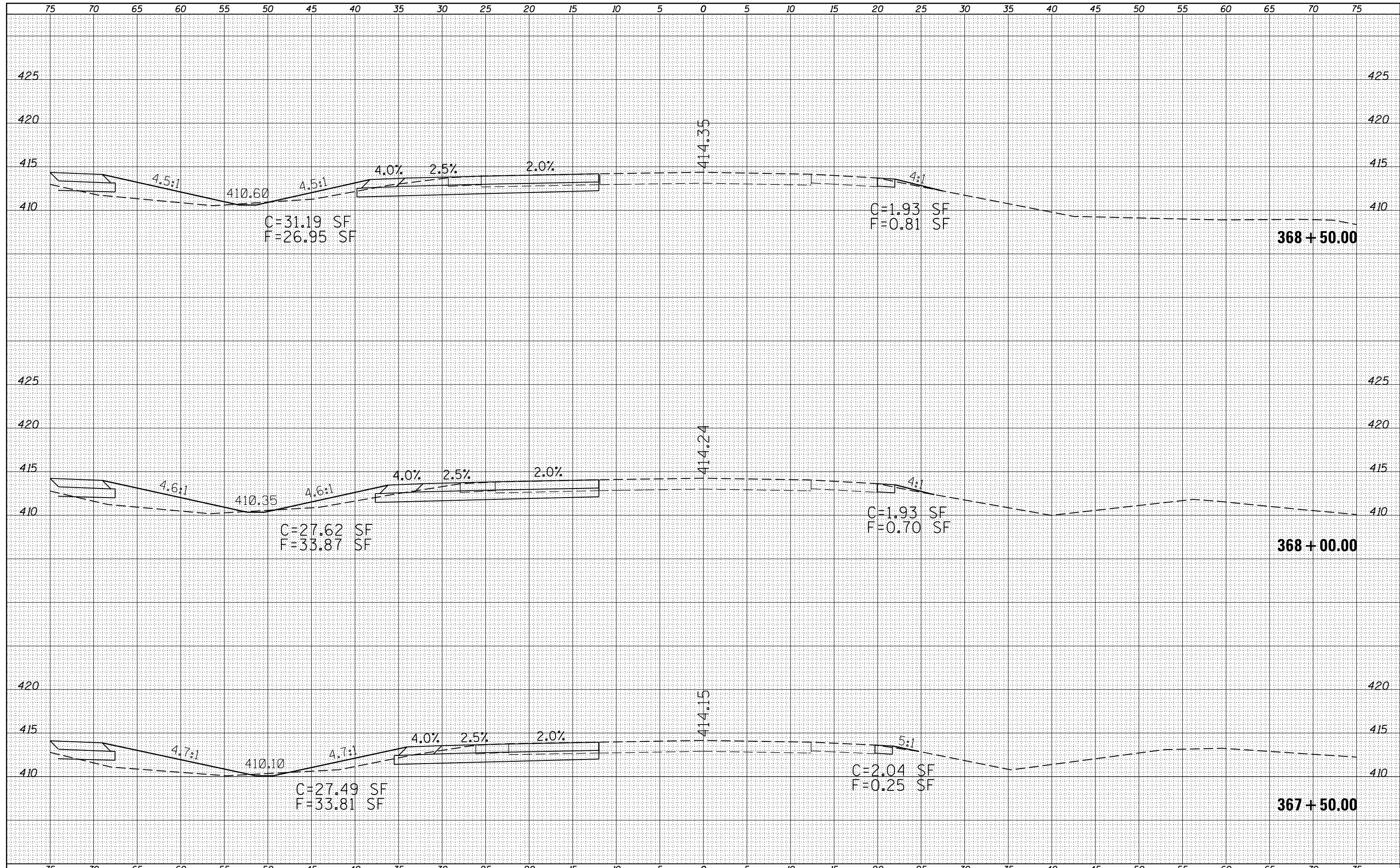
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	42			
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 366+00.00 TO STA. 367+00.00			CONTRACT NO. 78280				
PLOT DATE = 2/5/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

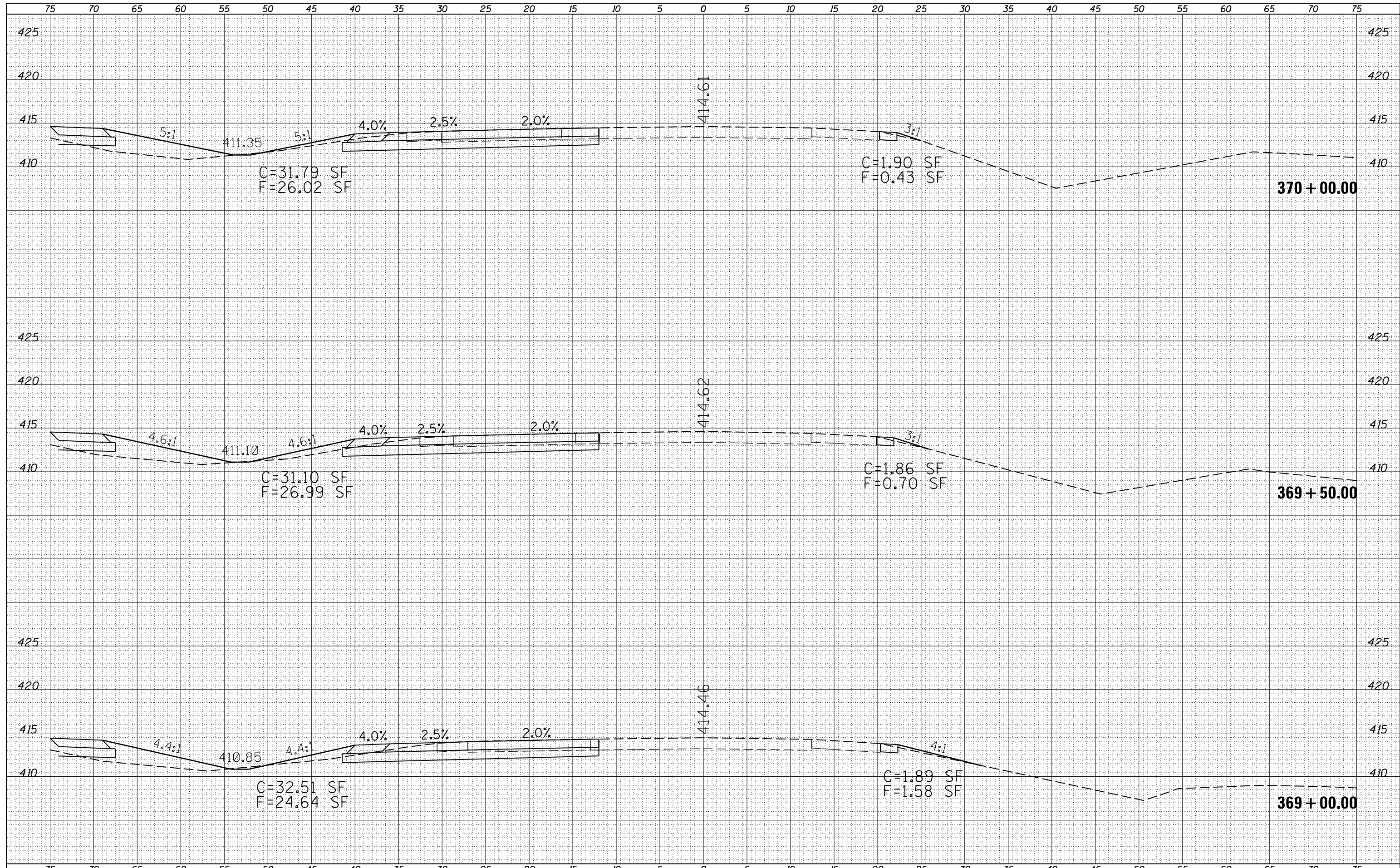
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



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.
es:\pw_work\pwidot\pufferae\d8278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	43		
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 367+50.00 TO STA. 368+50.00		CONTRACT NO. 78280		ILLINOIS FED. AID PROJECT		
PLOT DATE = 2/5/2013		DATE -	REVISED -								

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

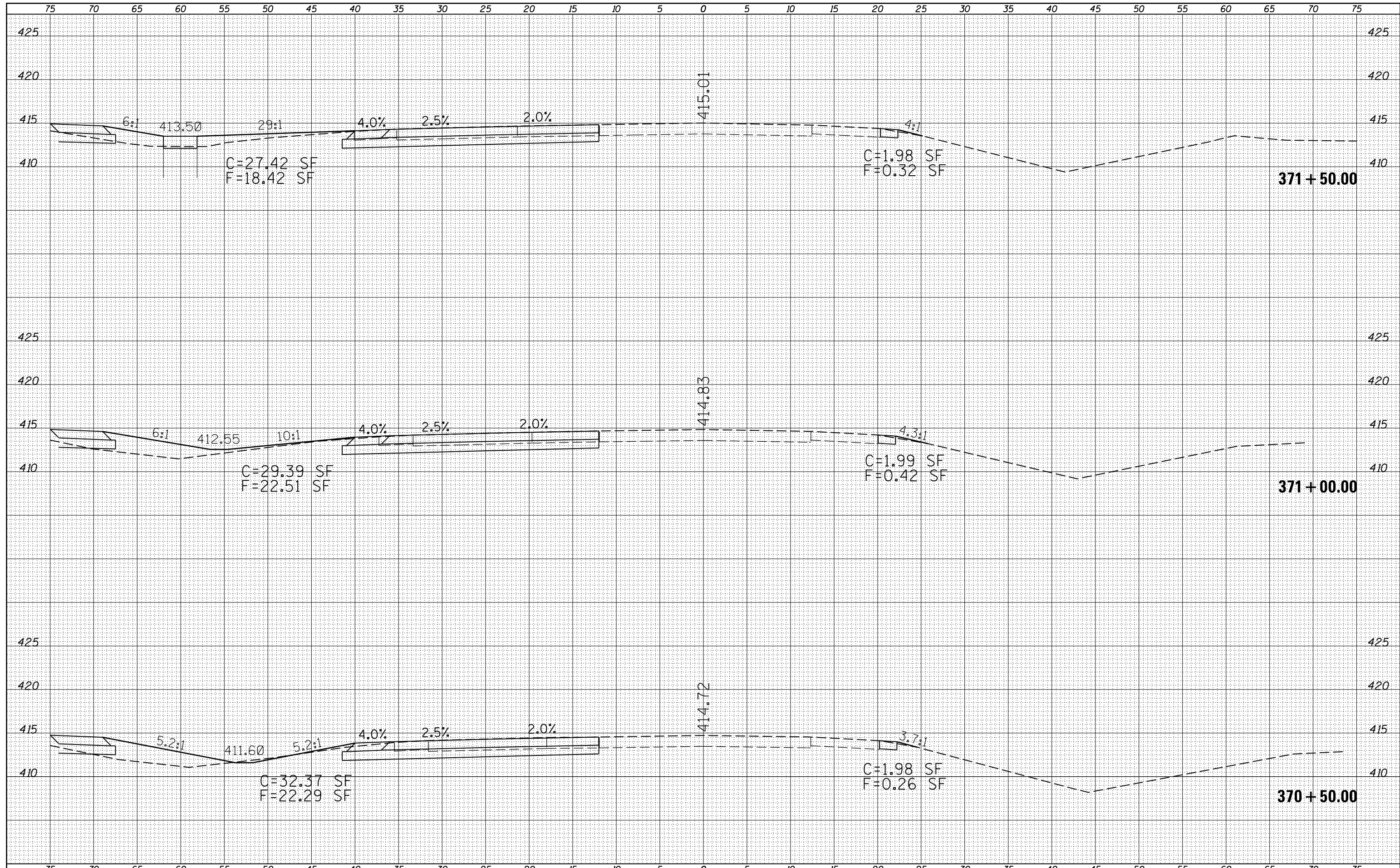
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pmdot\pufferae\d0278330\78280-sh1	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	44			
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 78280			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/5/2013	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 369+00.00 TO STA. 370+00.00			

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



FILE NAME =
 es:\pw_work\pwt\dot\pufferae\d0278330\78280-sh...s13.dgn

USER NAME = sUSERS
 DESIGNED -
 DRAWN -
 PLOT SCALE = 10.0000' / in.
 CHECKED -
 PLOT DATE = 2/5/2013
 DATE -

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

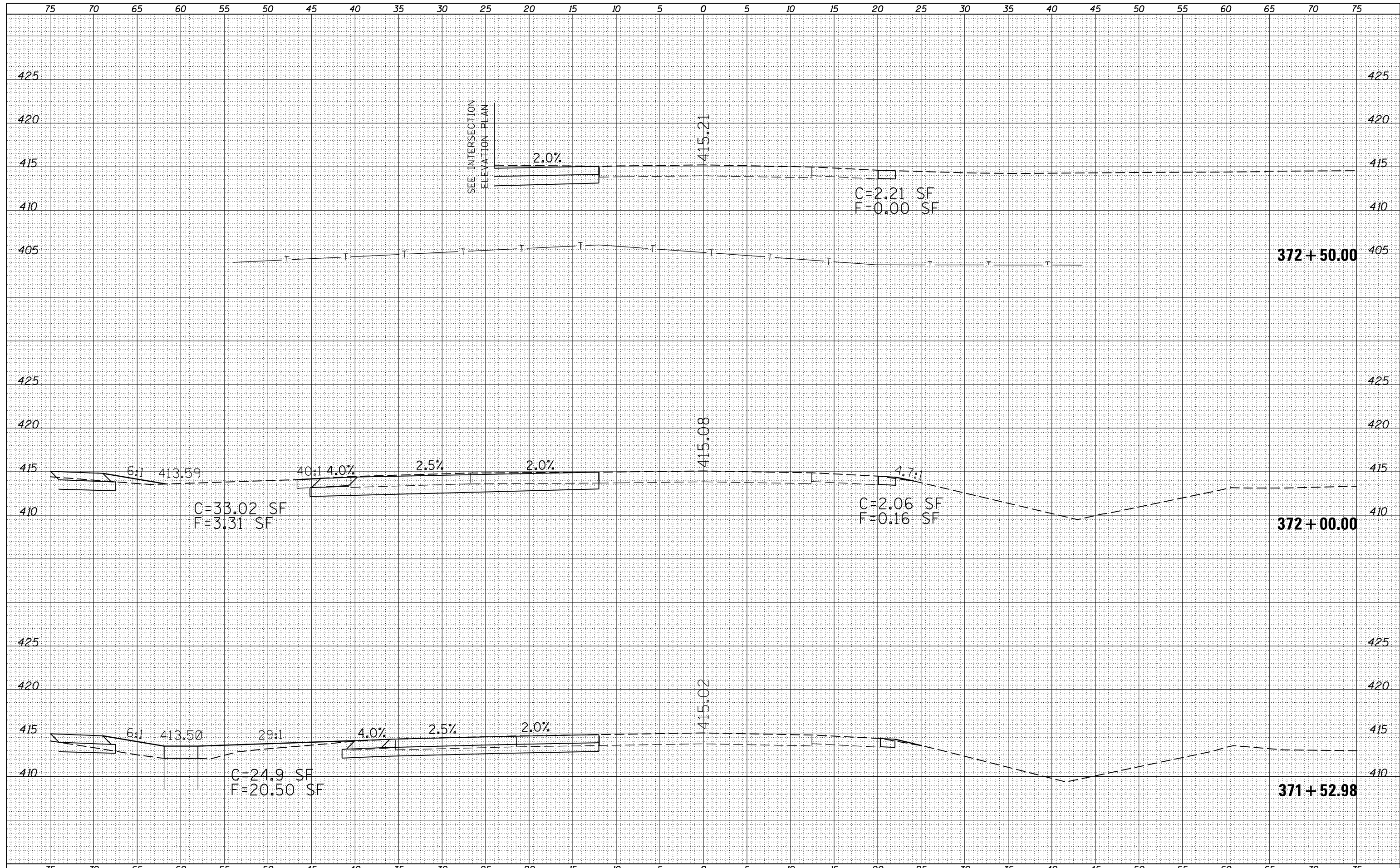
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 13 EASTBOUND**
 SCALE: SHEET OF SHEETS STA. 370+50.00 TO STA. 371+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	45
CONTRACT NO. 78280			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

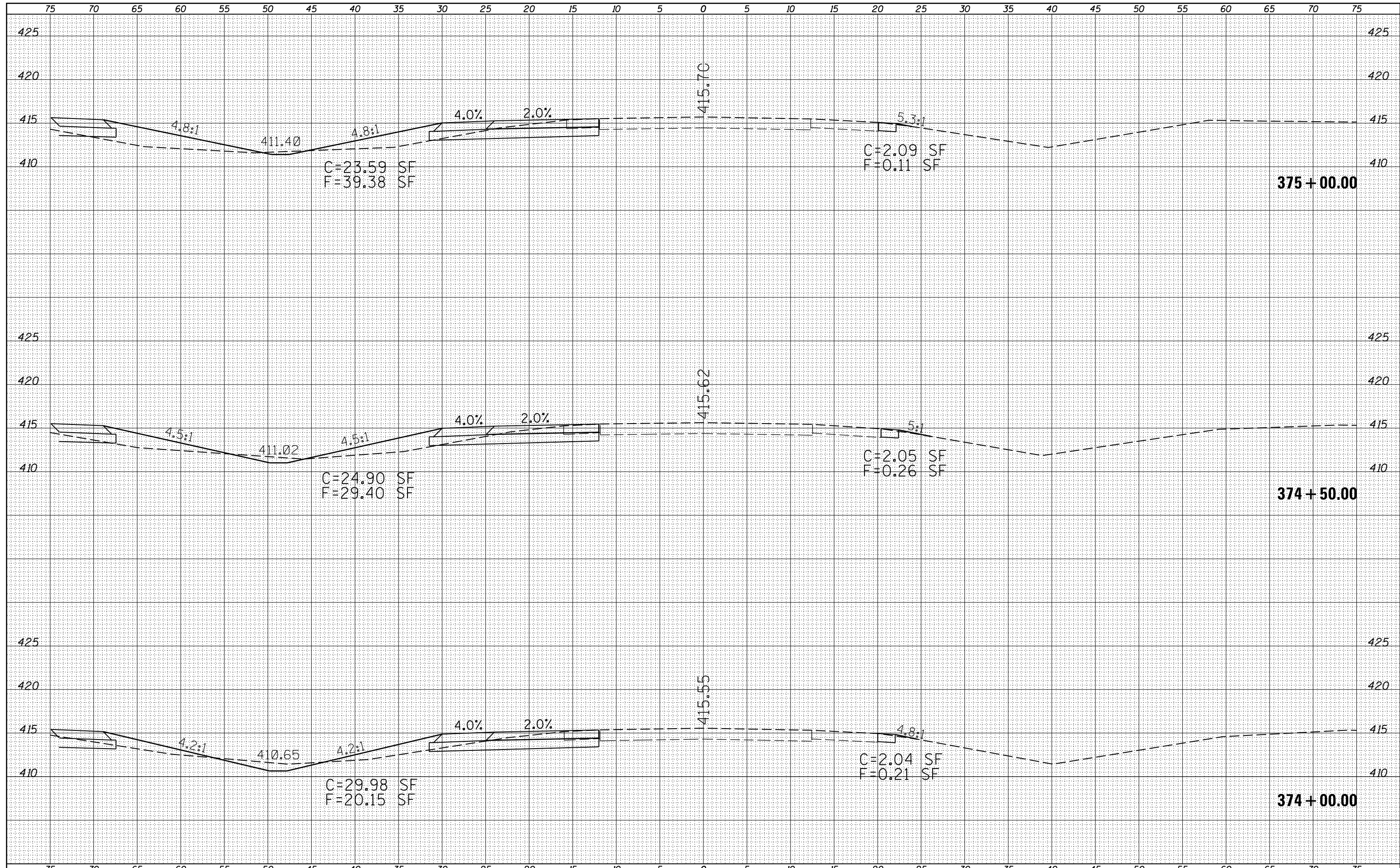
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS IL 13 EASTBOUND</p> <p>SCALE: SHEET OF SHEETS STA. 371+52.98 TO STA. 372+50.00</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\puff\erae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	46
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 78280				
PLOT DATE = 2/5/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT				

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

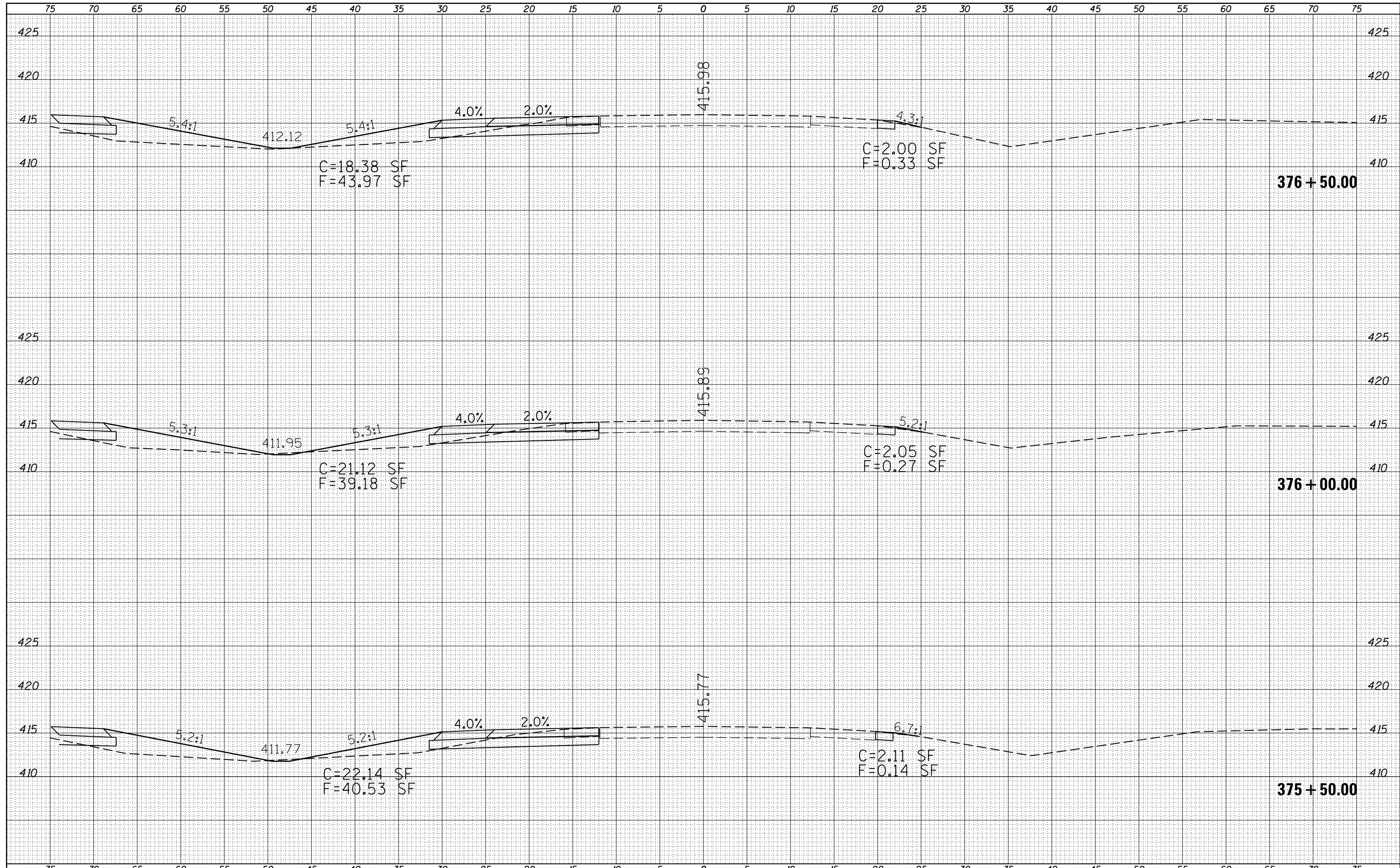
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw\work\p\dot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	48	CONTRACT NO. 78280		
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 374+00.00	TO STA. 375+00.00	ILLINOIS FED. AID PROJECT	
PLOT DATE = 2/5/2013		DATE -	REVISED -									

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

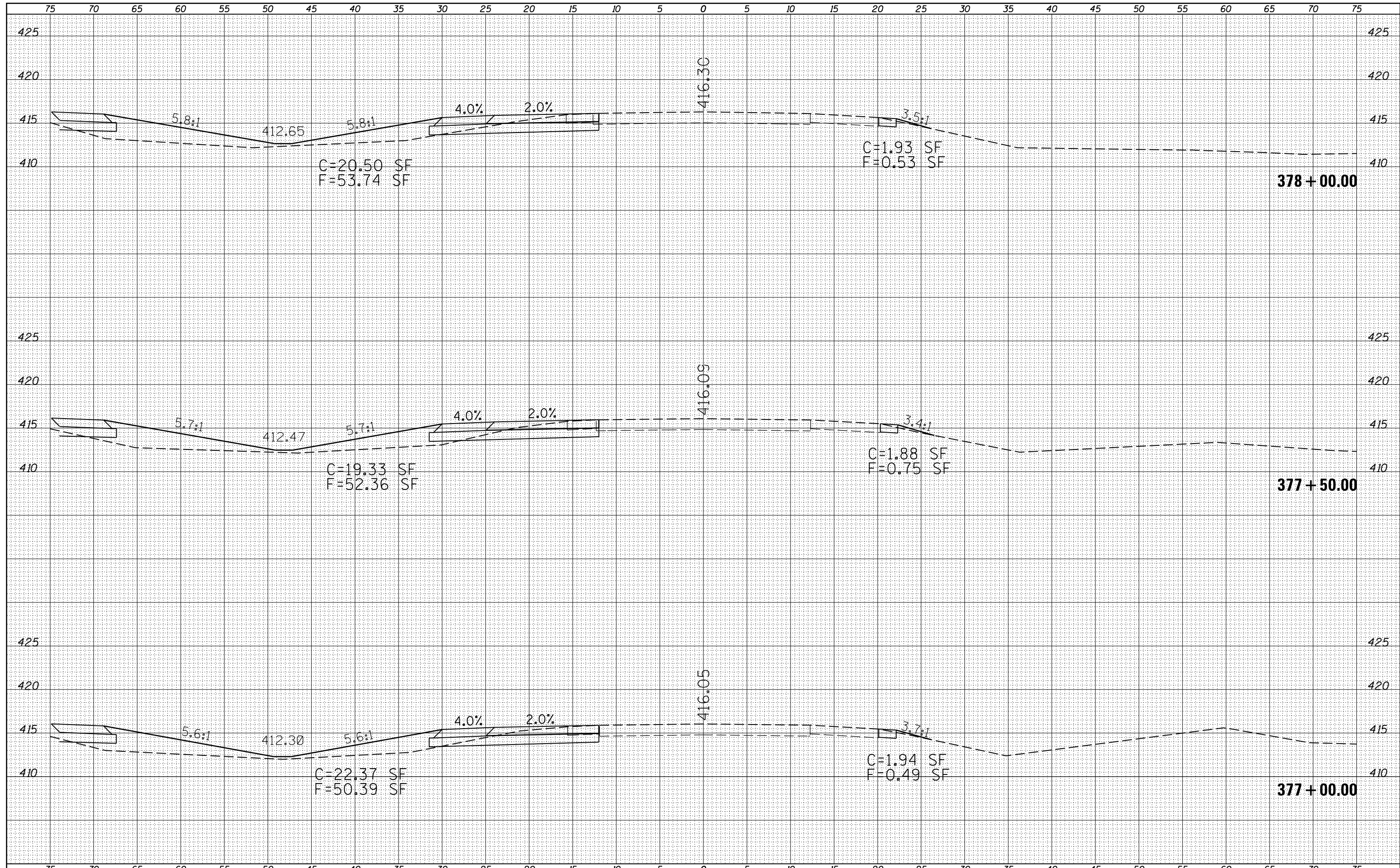
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -					331	(1-4)R-3,N-5	WILLIAMSON	91	49
		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 375+50.00 TO STA. 376+50.00			CONTRACT NO. 78280				
		DATE - 2/5/2013	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

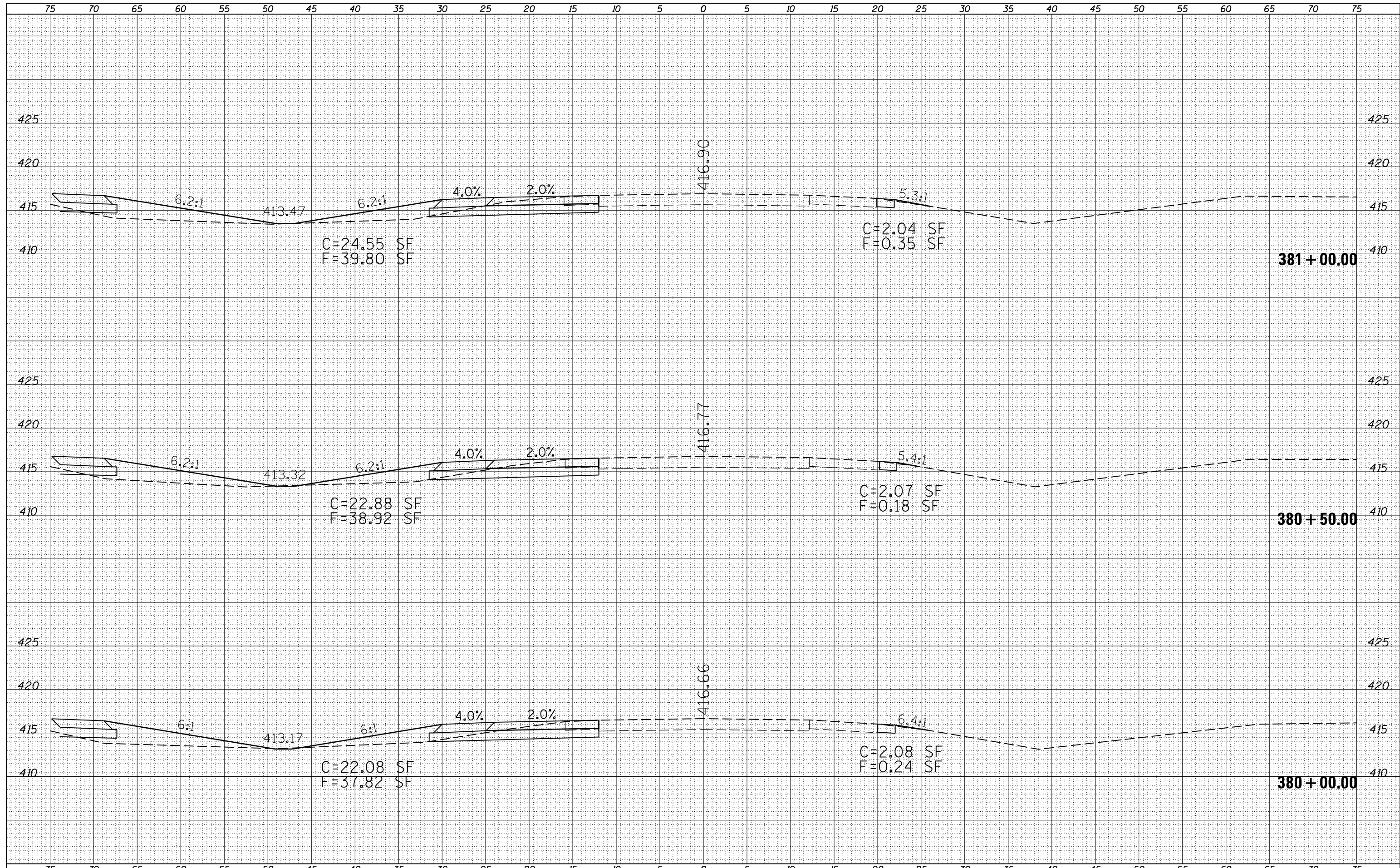
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	50	CONTRACT NO. 78280		
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 377+00.00	TO STA. 378+00.00	ILLINOIS FED. AID PROJECT	
PLOT DATE = 2/5/2013		DATE -	REVISED -									

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

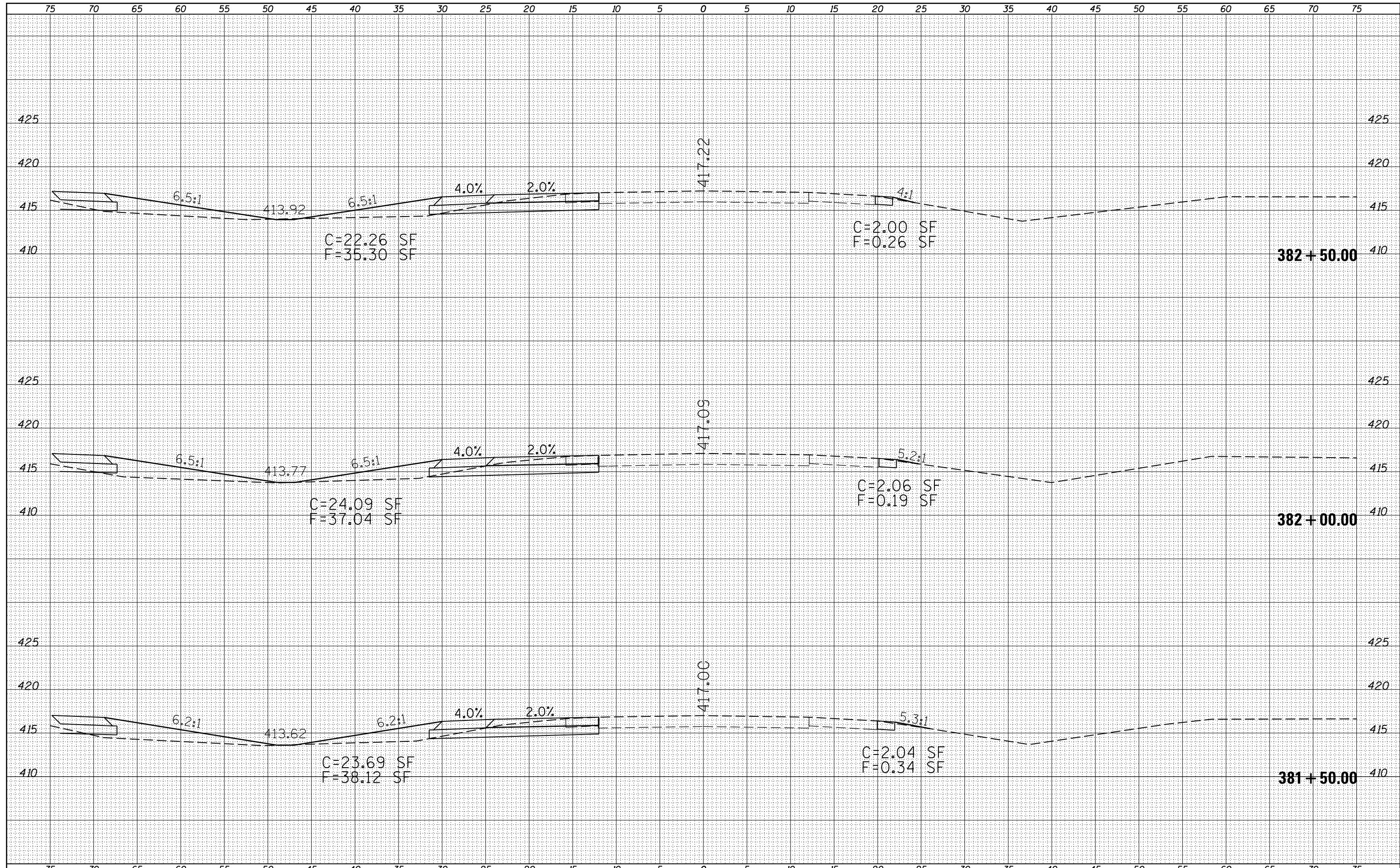
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\puff\erae\d0278330\78280-sh13.dgn	DRAWN -	REVISED -	331				(1-4)R-3,N-5	WILLIAMSON	91	52	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78280								
PLOT DATE = 2/5/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

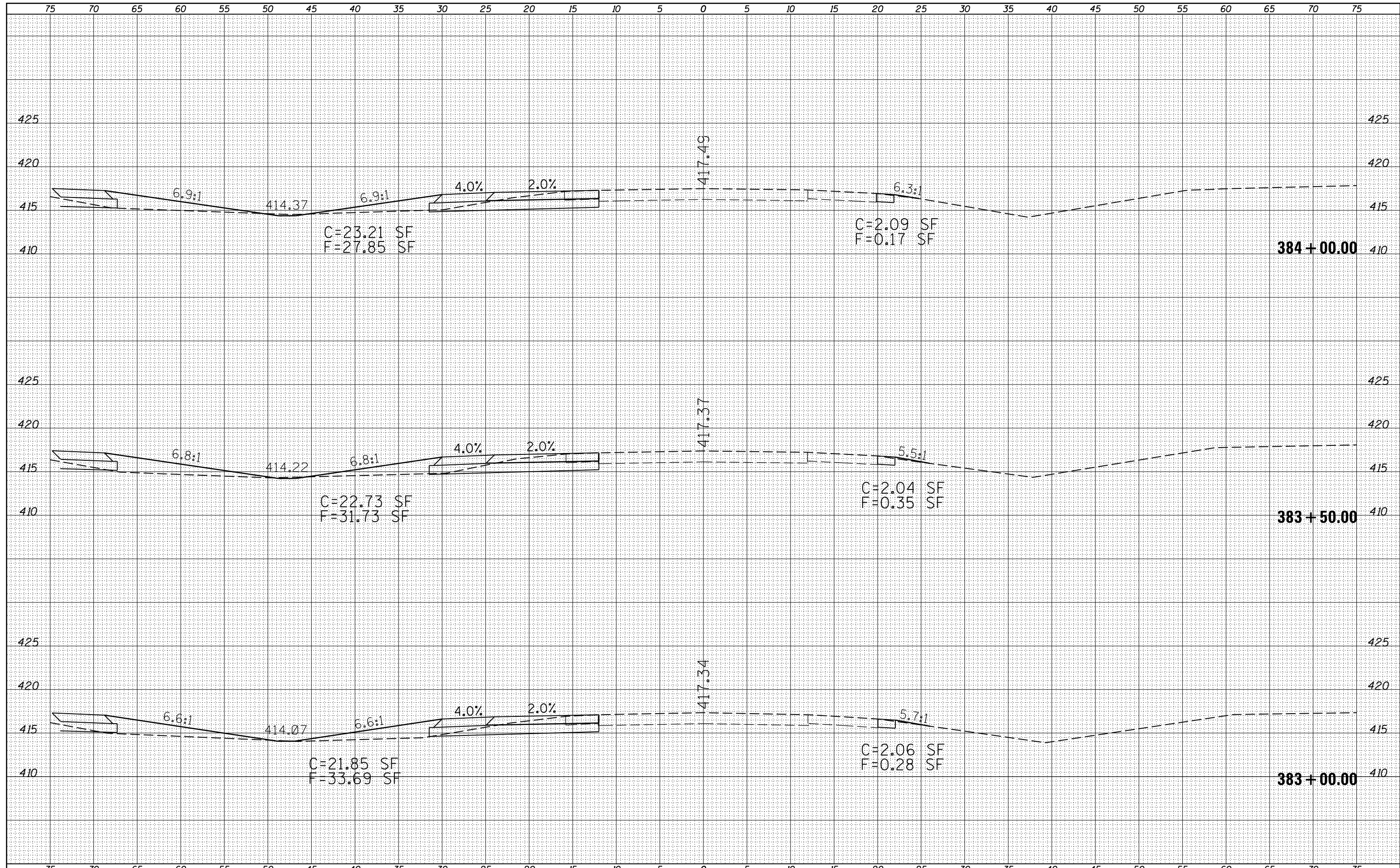
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn	DRAWN -	REVISED -	331					(1-4)R-3,N-5	WILLIAMSON	91	53	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE: SHEET OF SHEETS STA. 381+50.00 TO STA. 382+50.00			CONTRACT NO. 78280						
PLOT DATE = 2/5/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

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

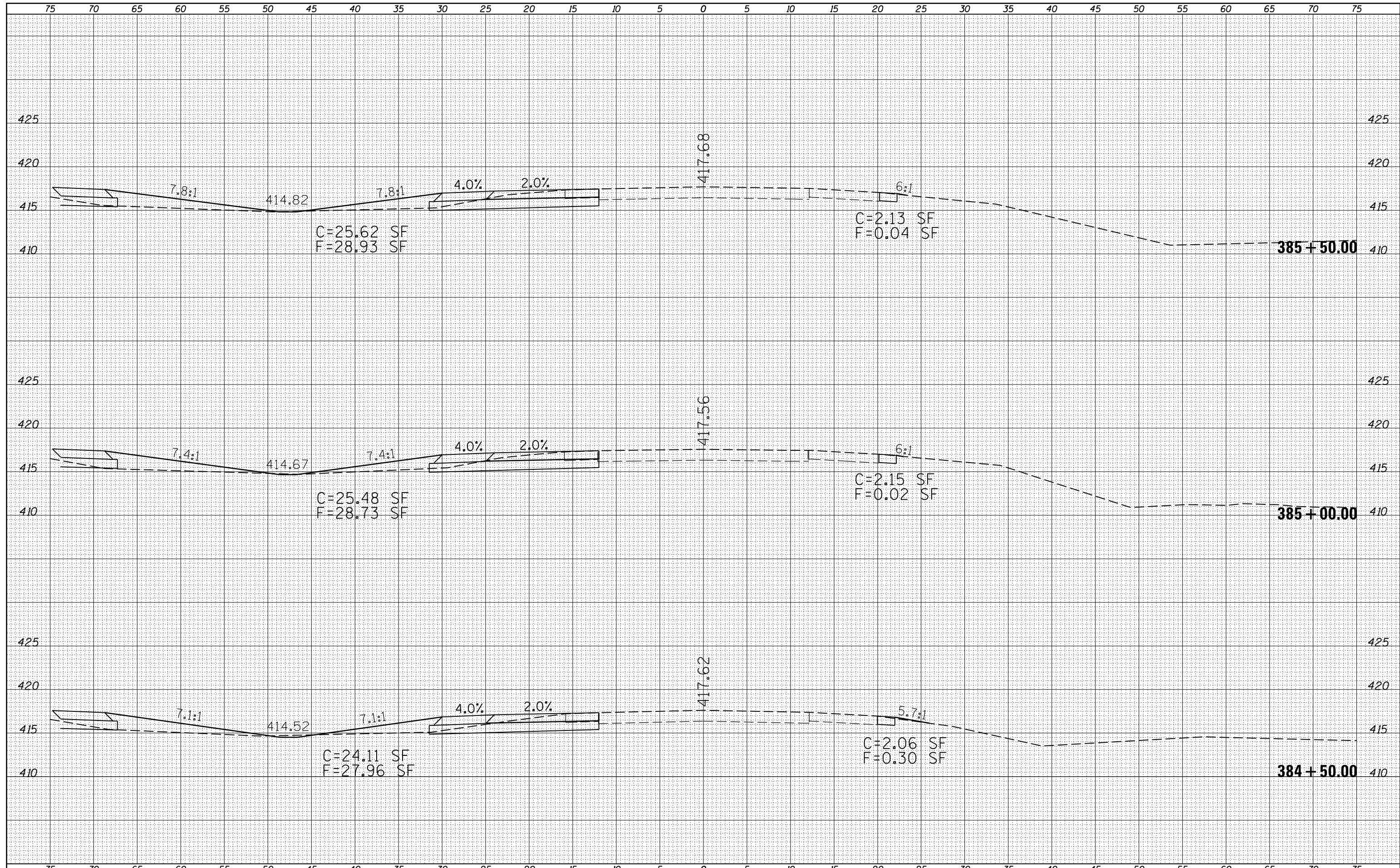
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	54			
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 383+00.00 TO STA. 384+00.00			CONTRACT NO. 78280				
PLOT DATE = 2/5/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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

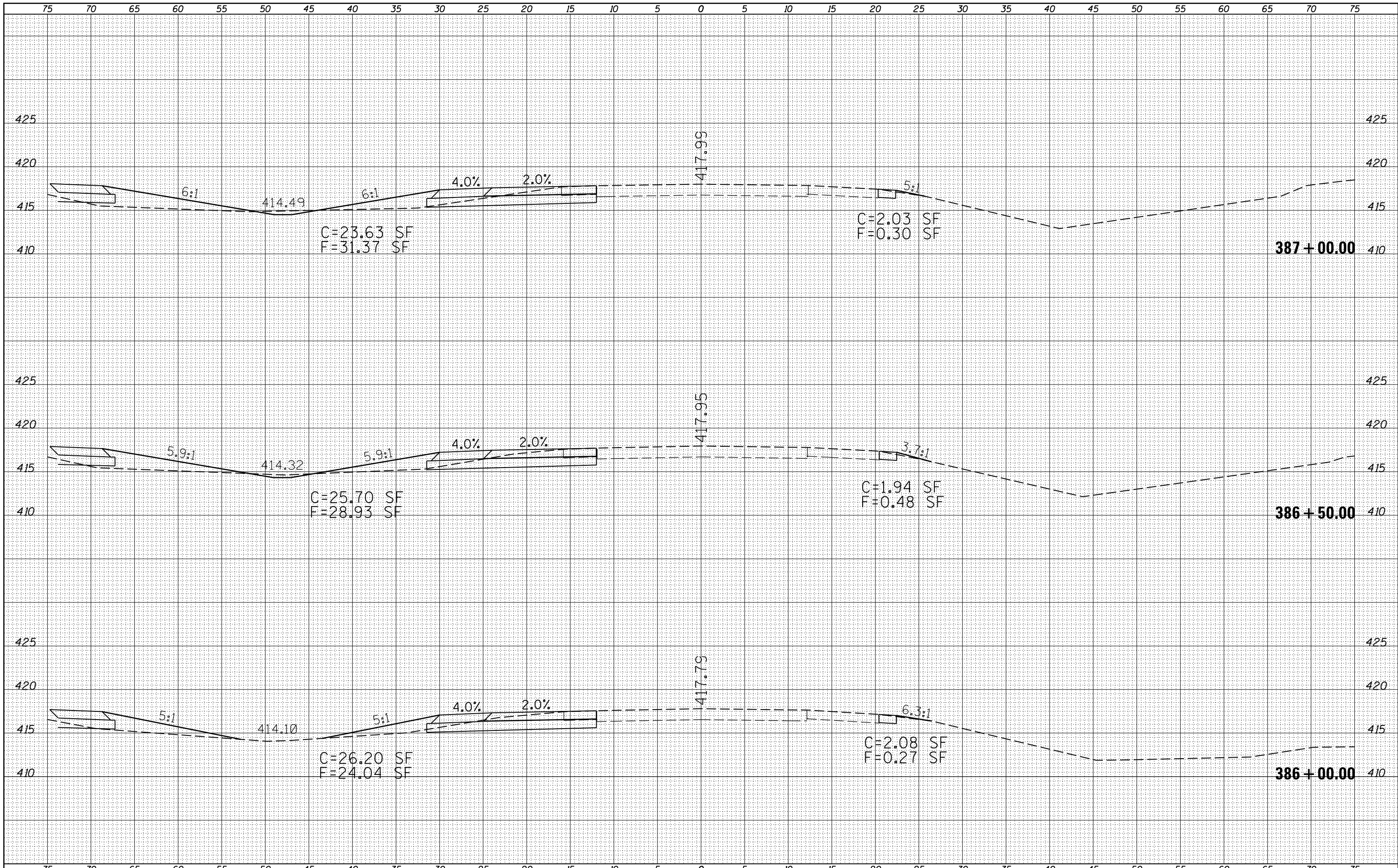
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh	es13.dgn	DRAWN -	REVISED -				331	(1-4)R-3,N-5	WILLIAMSON	91	55
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 384+50.00 TO STA. 385+50.00		CONTRACT NO. 78280		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 2/5/2013	DATE -	REVISED -								

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

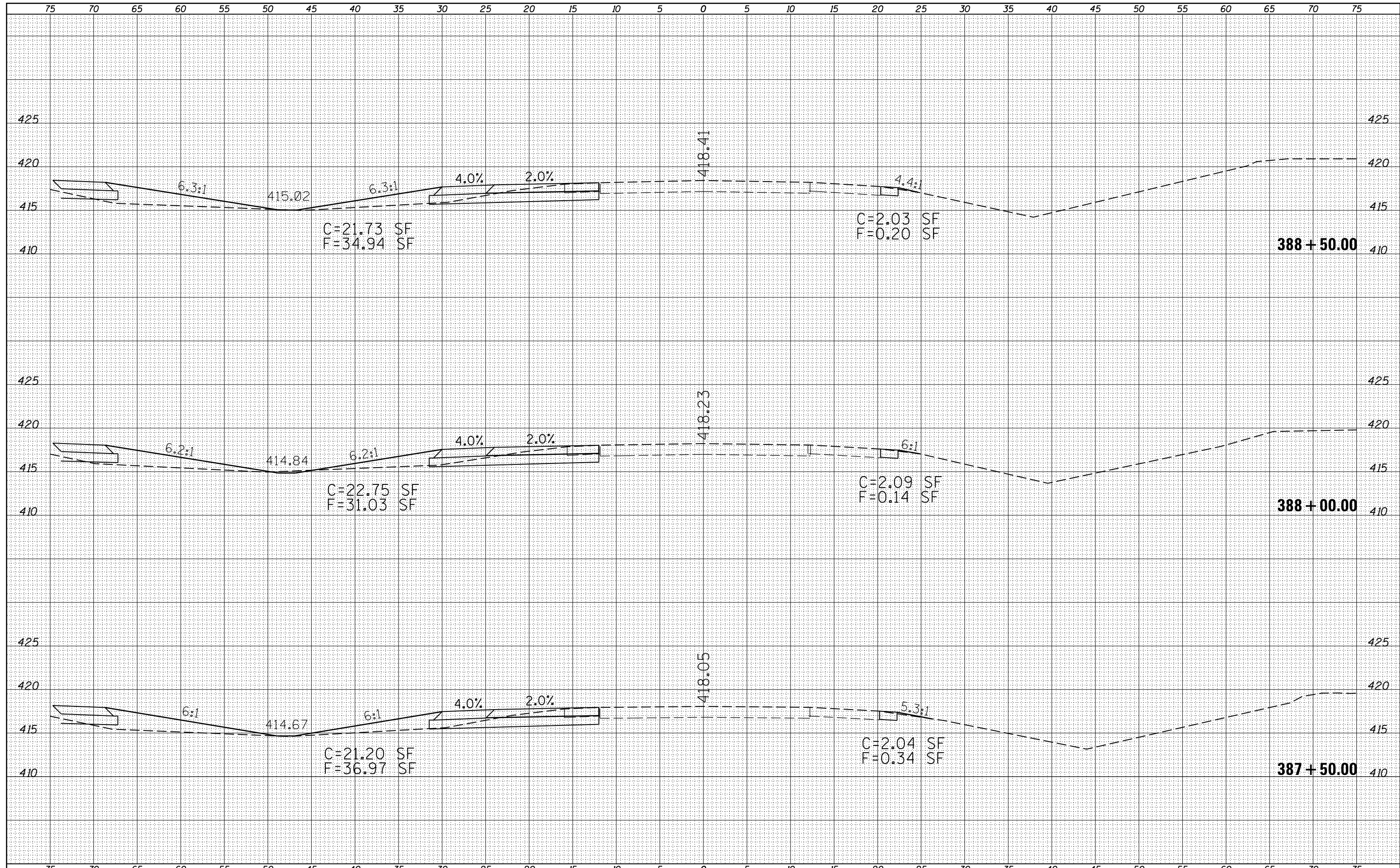
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh	13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	56				
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 386+00.00	TO STA. 387+00.00	CONTRACT NO. 78280			
PLOT DATE = 2/5/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										

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

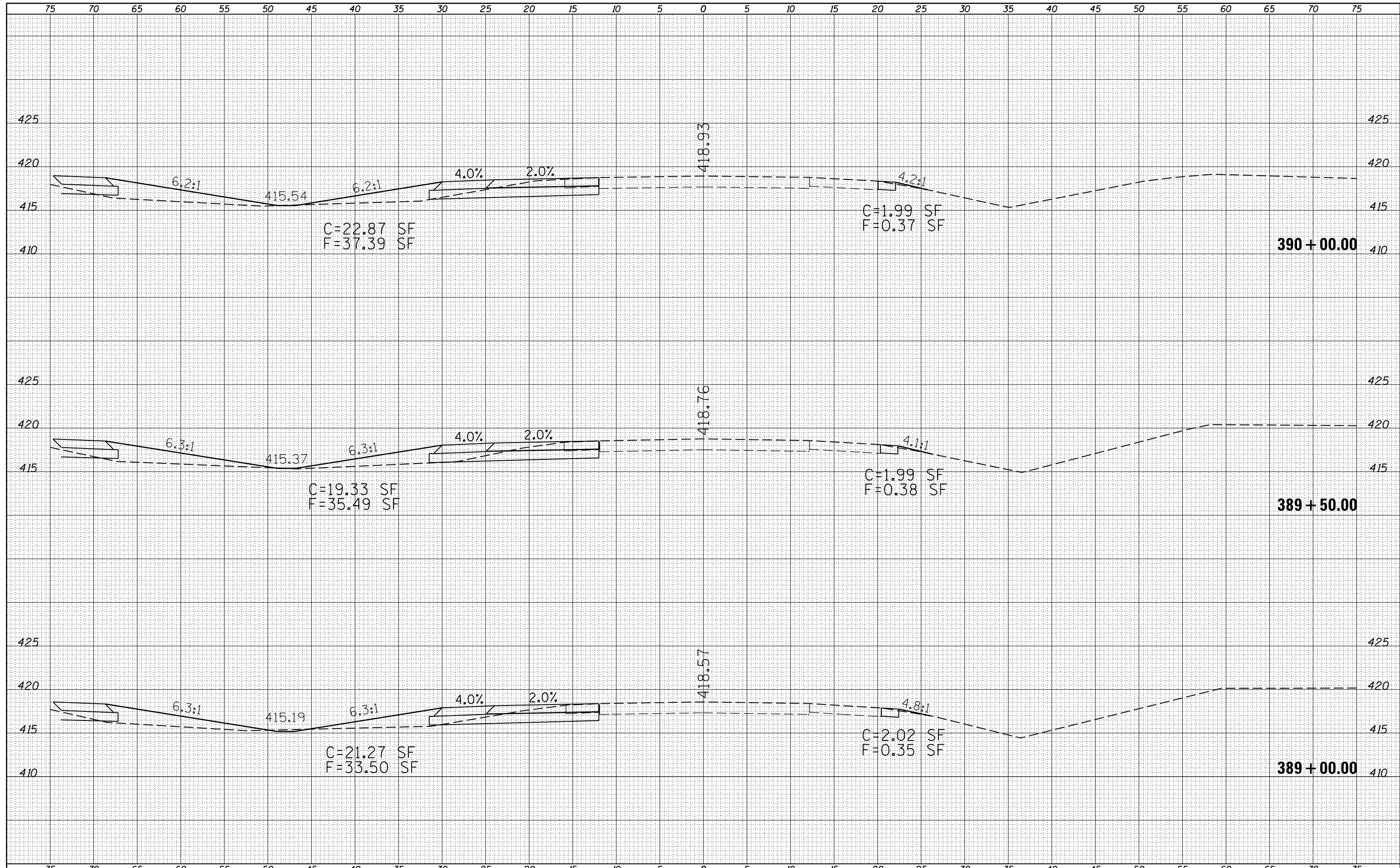
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	57			
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 78280			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/5/2013	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 387+50.00 TO STA. 388+50.00			

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

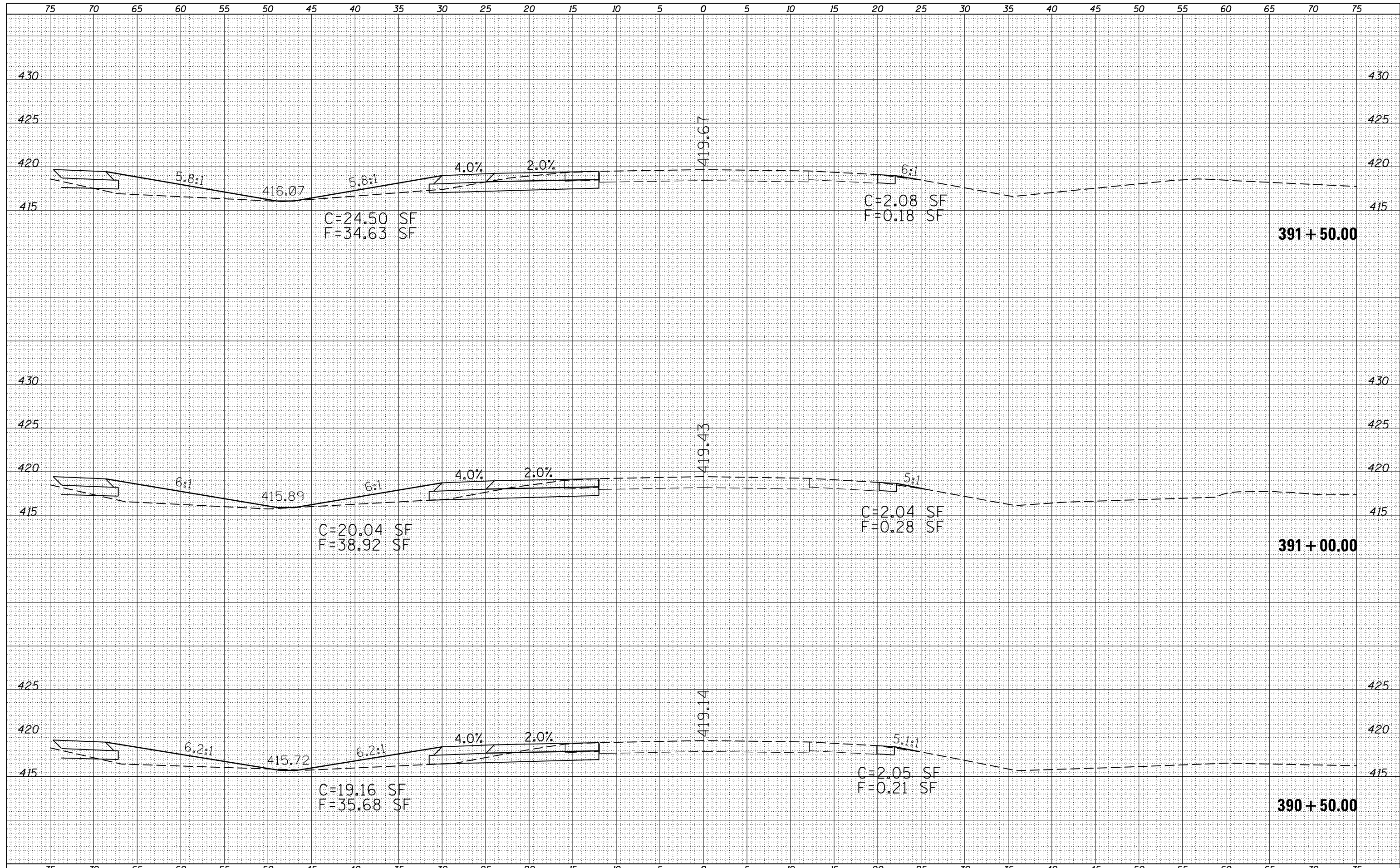
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	58				
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 389+00.00	TO STA. 390+00.00	CONTRACT NO. 78280			
PLOT DATE = 2/5/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										

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

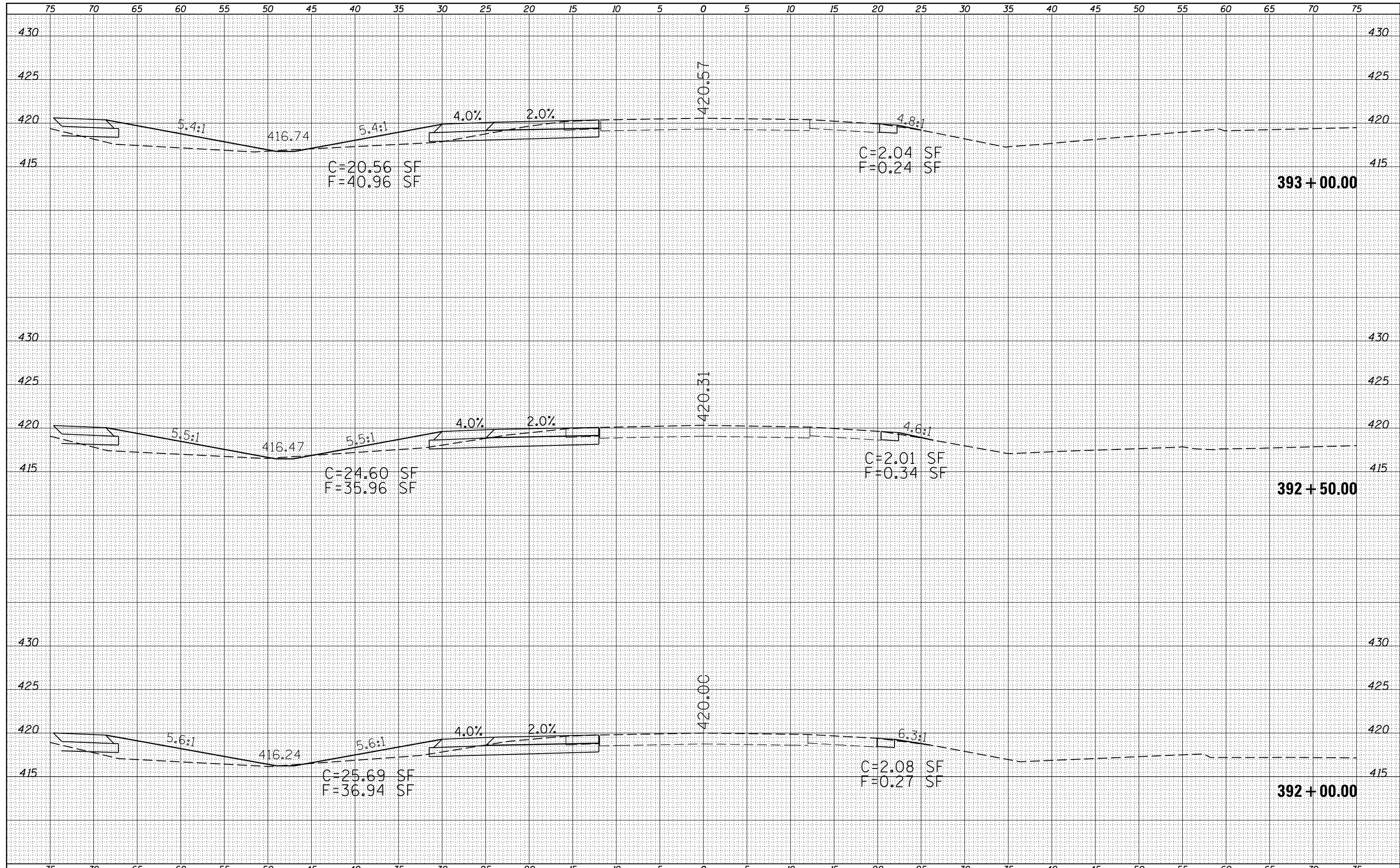
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn	DRAWN -	REVISED -	331					(1-4)R-3,N-5	WILLIAMSON	91	59	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	ILLINOIS FED. AID PROJECT			CONTRACT NO. 78280						
PLOT DATE = 2/5/2013	DATE -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 390+50.00	TO STA. 391+50.00			

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

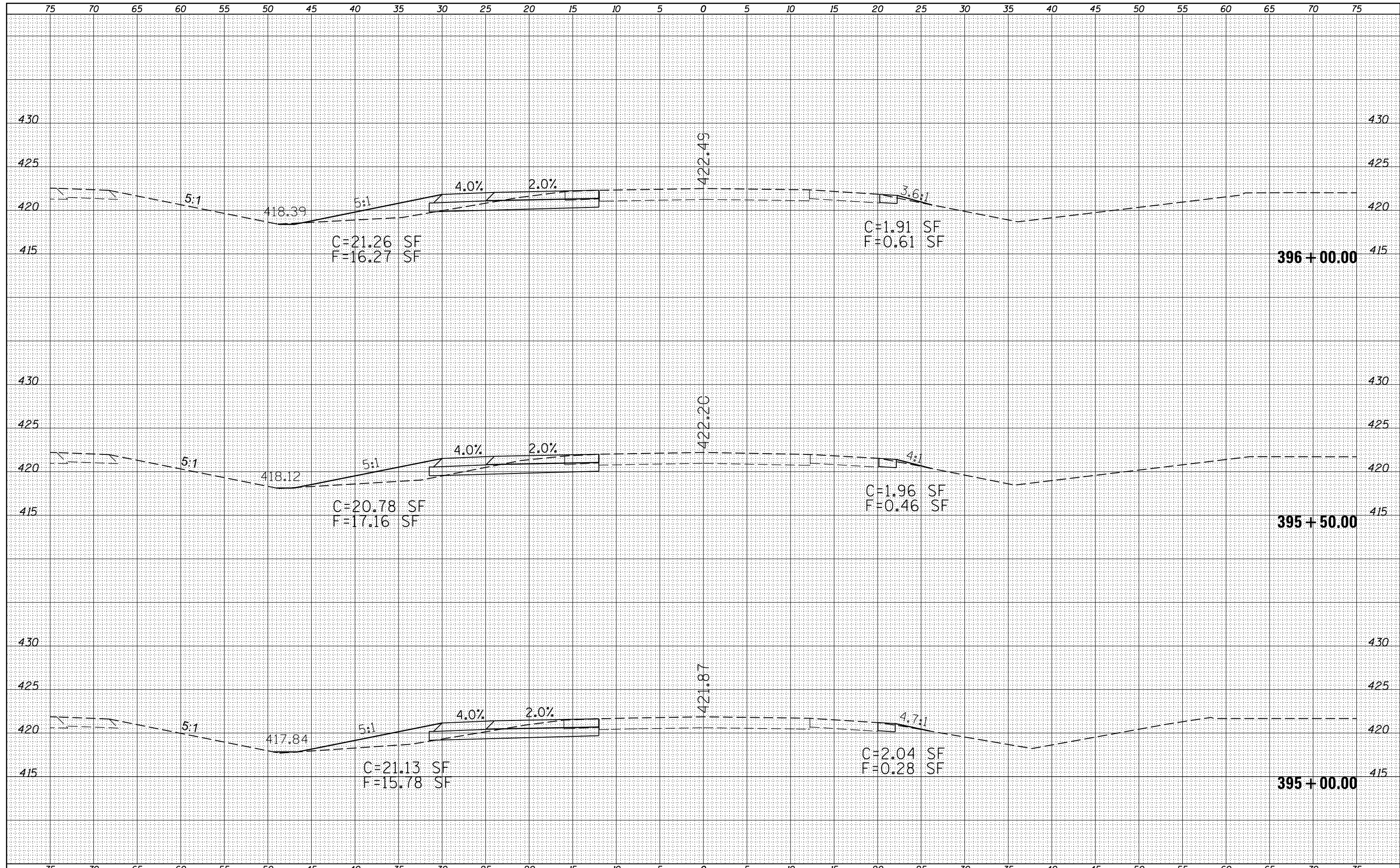
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw\work\p\dot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	60	CONTRACT NO. 78280		
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 392+00.00	TO STA. 393+00.00	ILLINOIS FED. AID PROJECT	
PLOT DATE = 2/5/2013		DATE -	REVISED -									

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

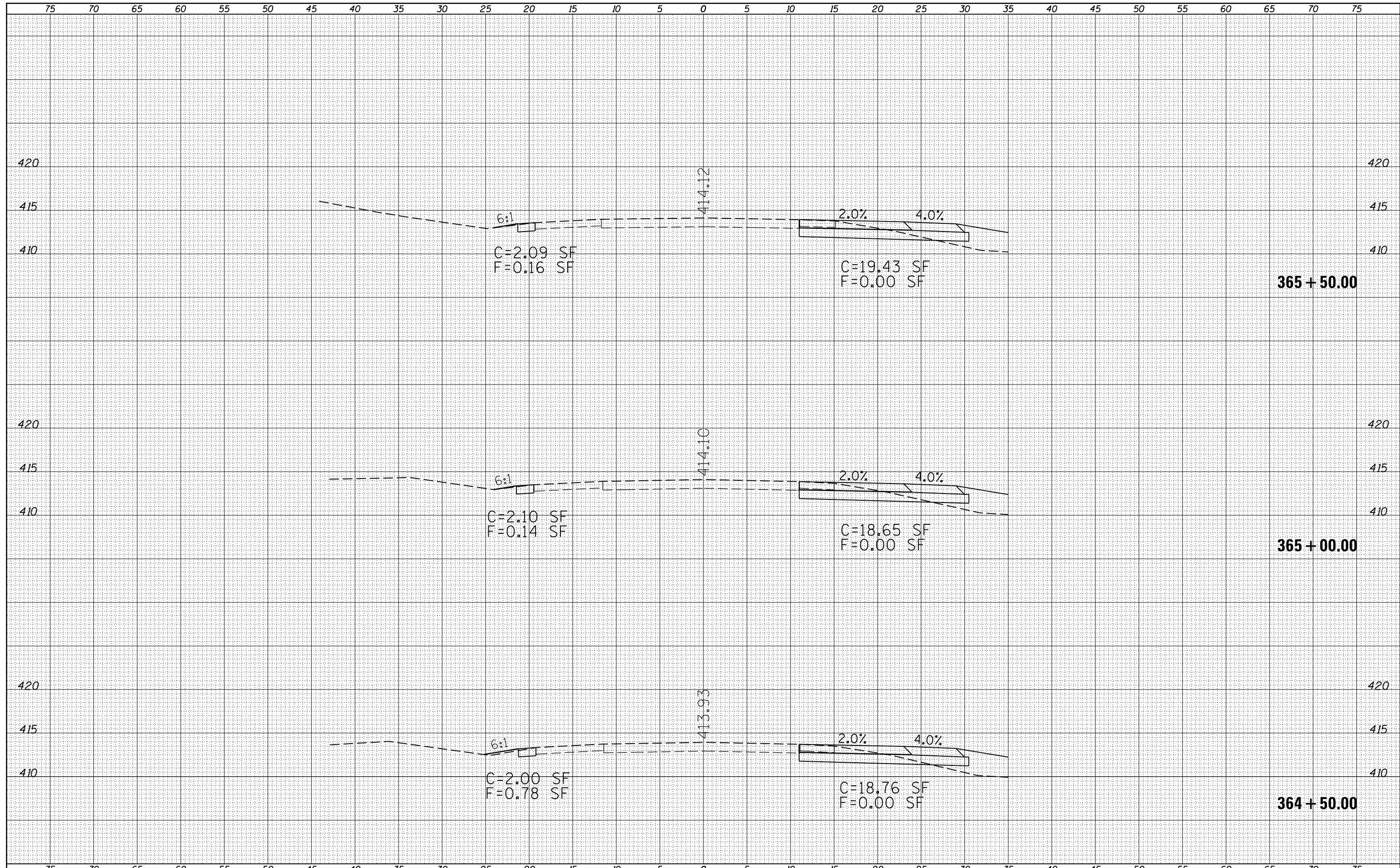
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 EASTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	62			
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 395+00.00 TO STA. 396+00.00			CONTRACT NO. 78280				
PLOT DATE = 2/5/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

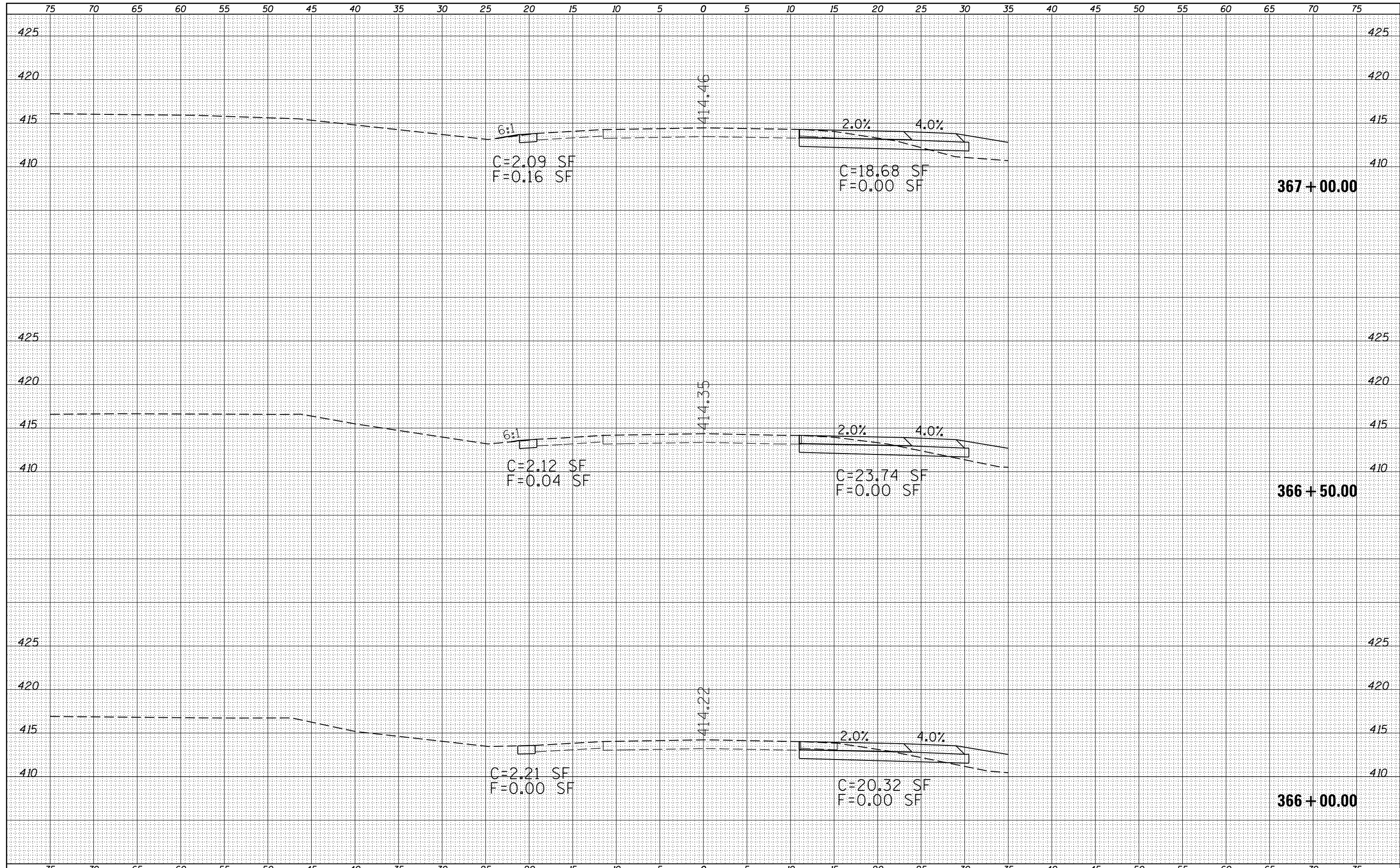
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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



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

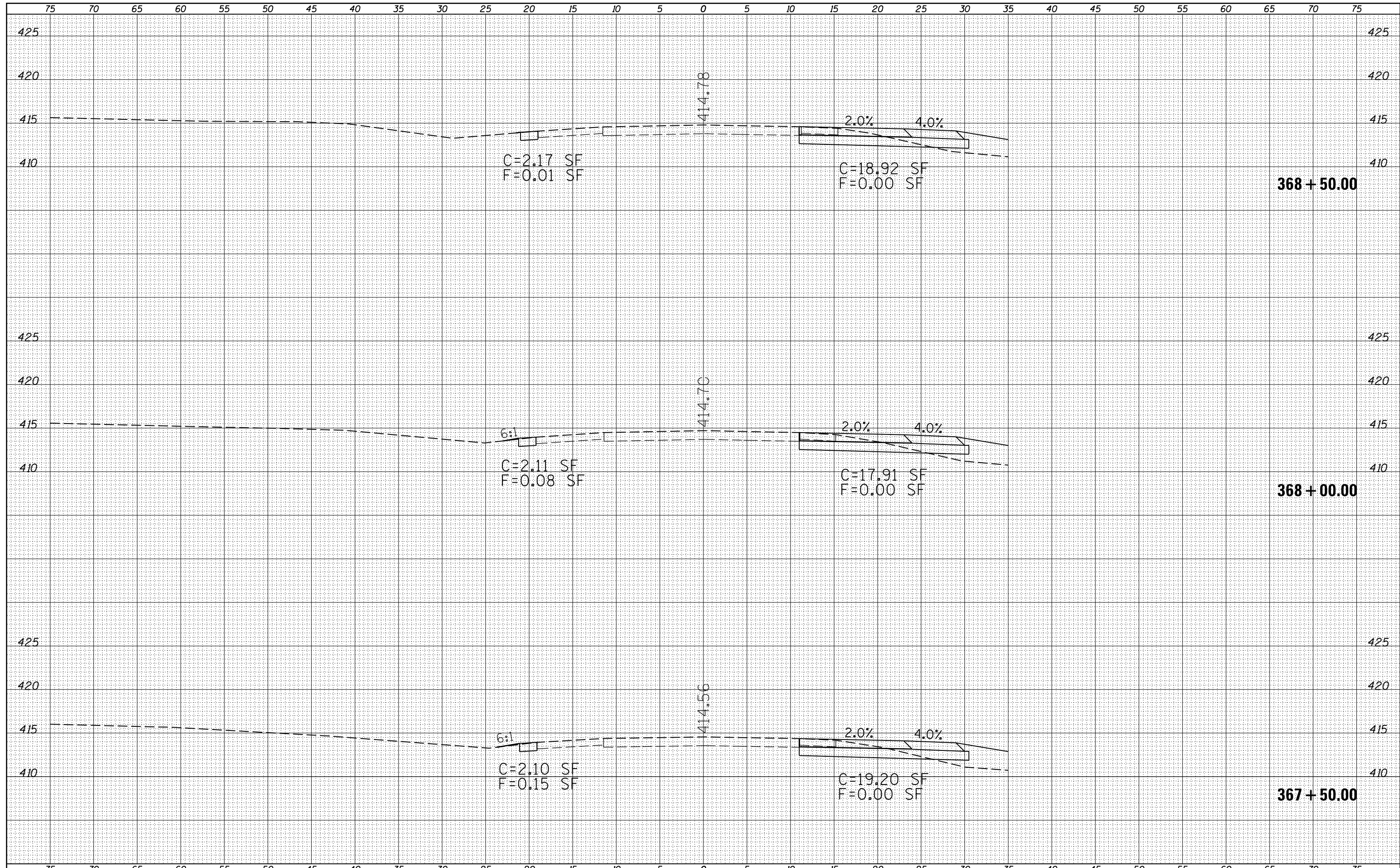
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\pufferae\d0278330\78280-sh13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	66				
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 366+00.00 TO STA. 367+00.00				CONTRACT NO. 78280				
PLOT DATE = 2/5/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

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

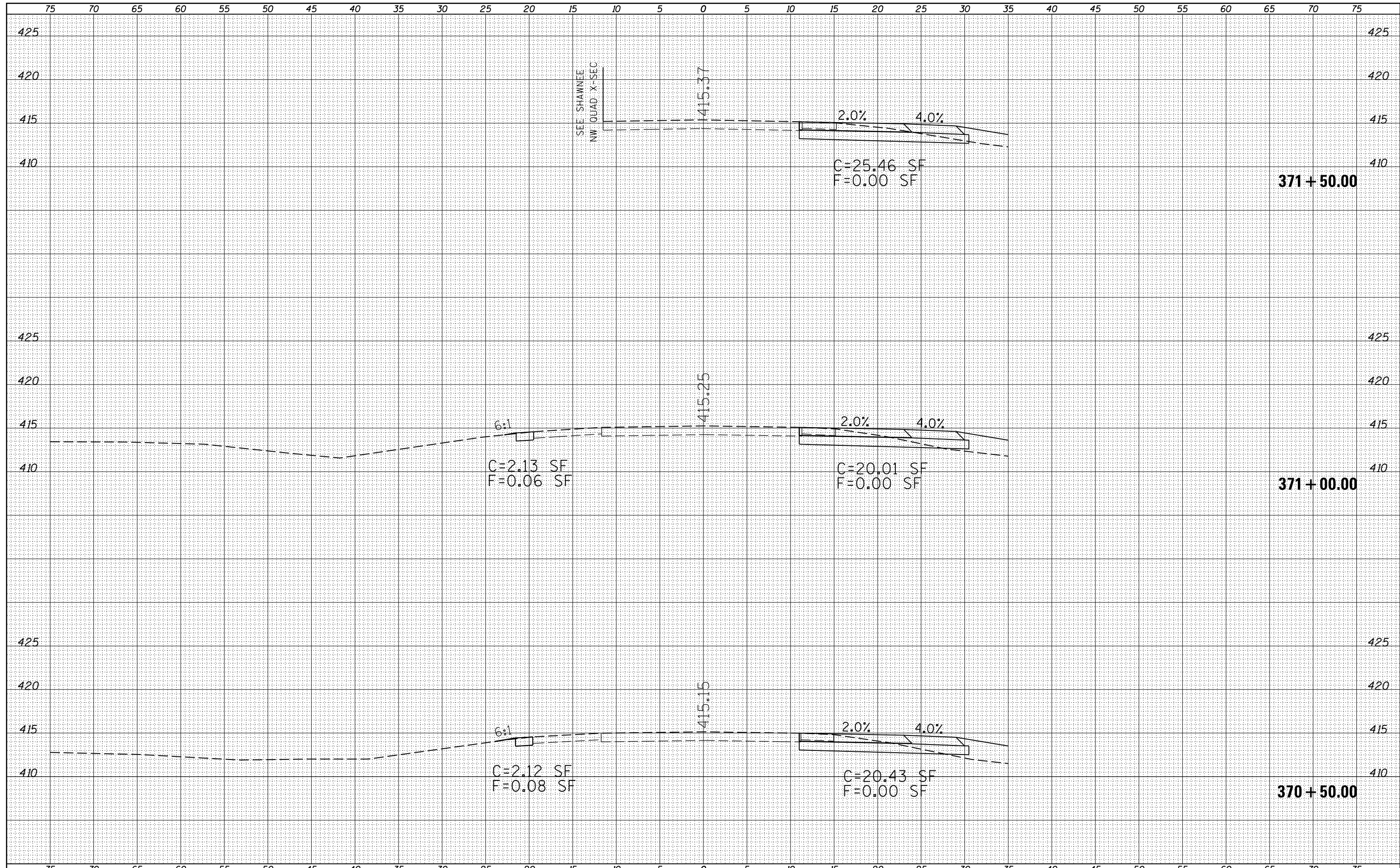
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\pufferae\d0278330\78280-sh13.dgn	DRAWN -	REVISIED -	331					(1-4)R-3,N-5	WILLIAMSON	91	67	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -	CONTRACT NO. 78280									
PLOT DATE = 2/5/2013	DATE -	REVISIED -	ILLINOIS FED. AID PROJECT									

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

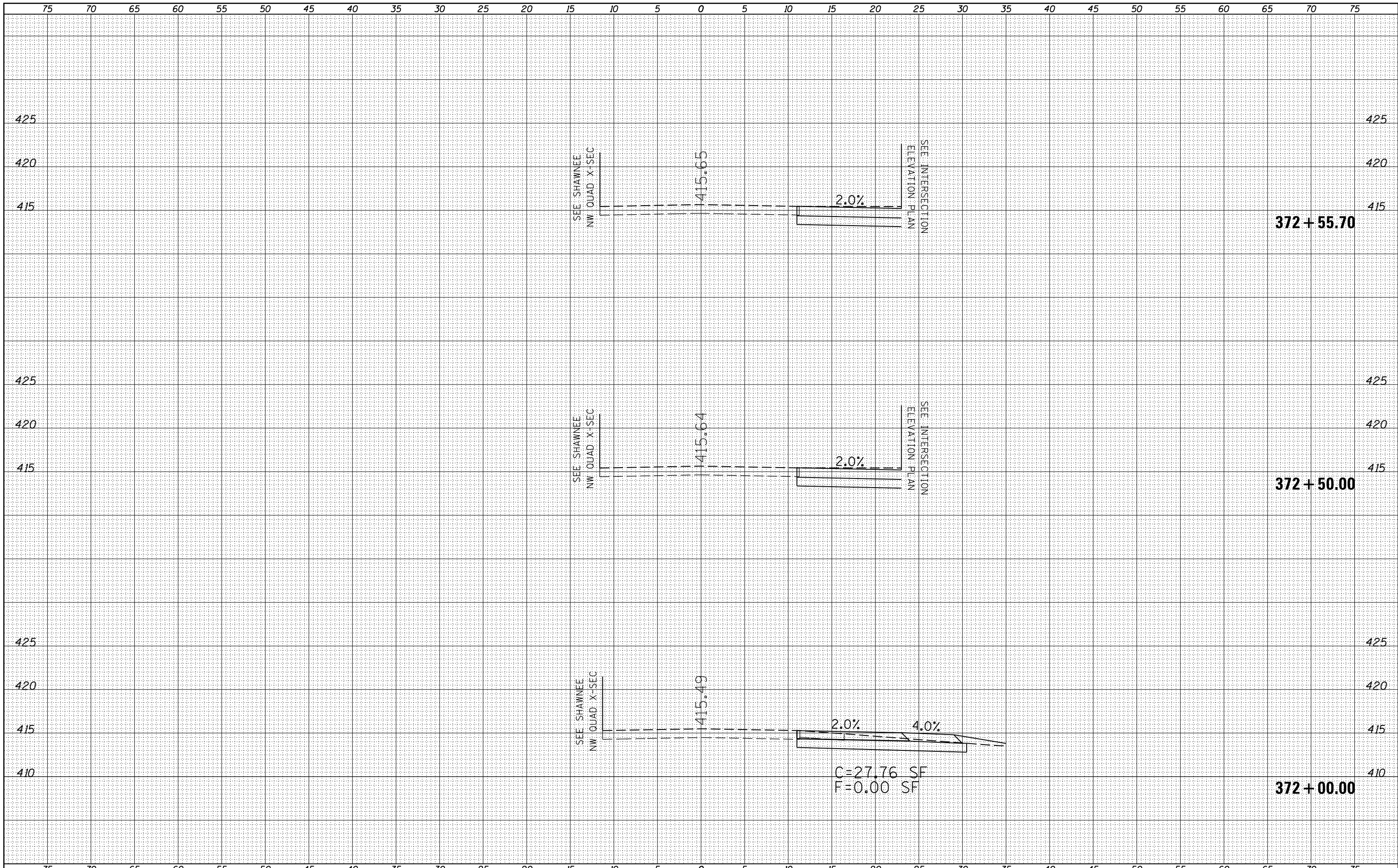
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\p\dot\pufferae\0278330\78280-sh	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	69			
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 370+50.00	TO STA. 371+50.00	CONTRACT NO. 78280		
PLOT DATE = 2/5/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

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

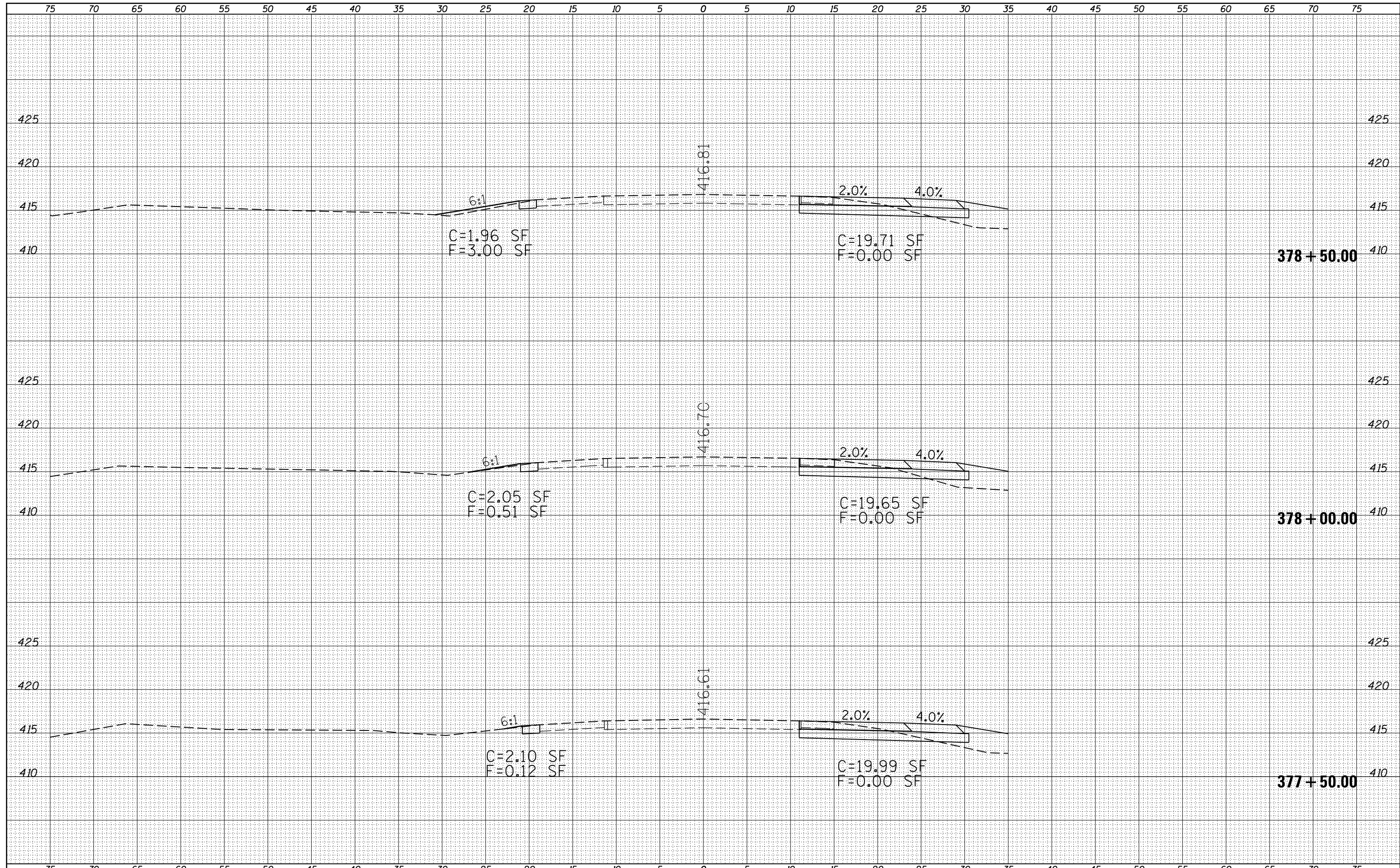
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	70			
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 372+00.00 TO STA. 372+55.70			CONTRACT NO. 78280				
	PLOT DATE = 2/5/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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

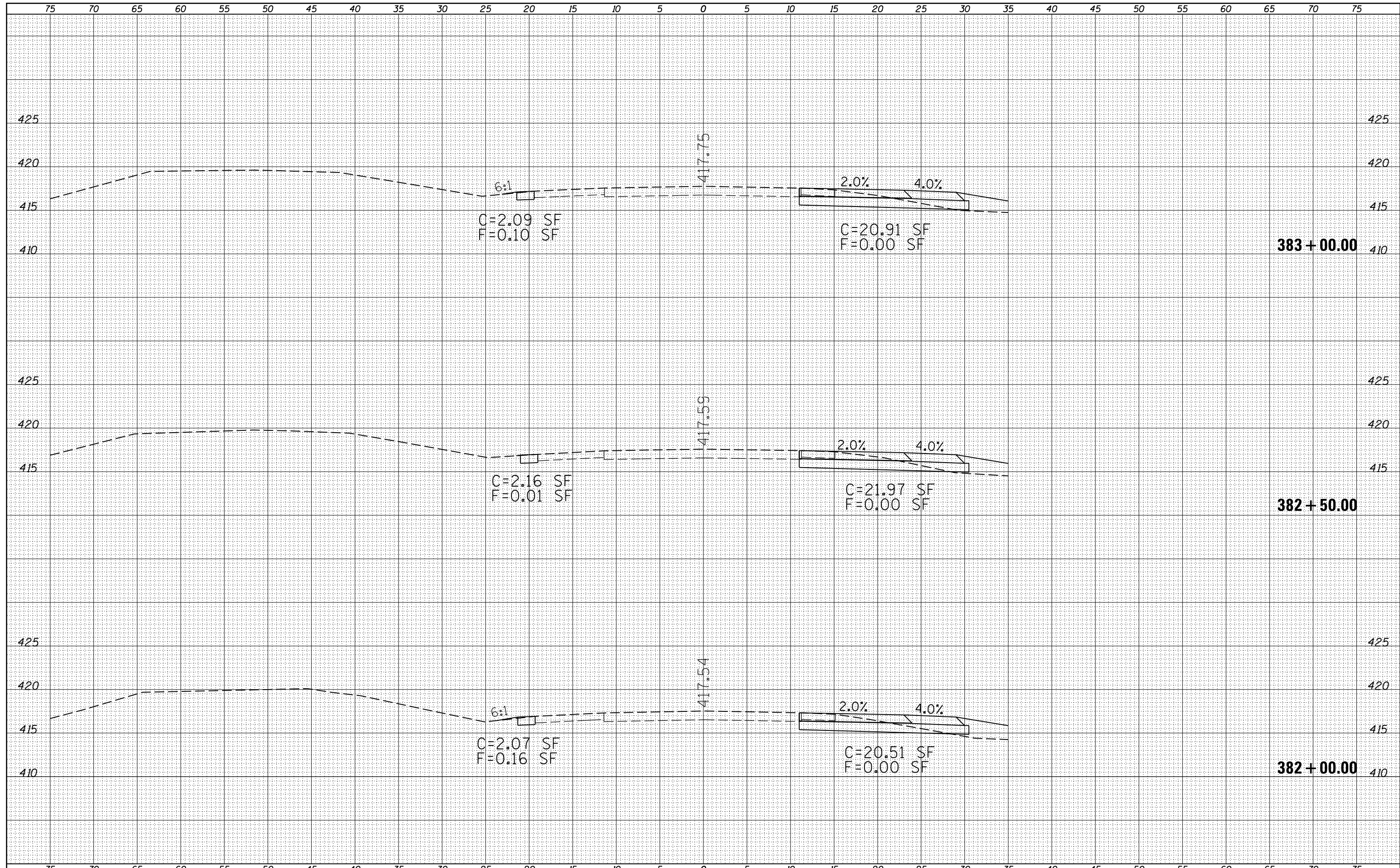
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = susers	DESIGNED -	REVISÉD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\p\dot\pufferae\d0278330\78280-sh	ks13.dgn	DRAWN -	REVISÉD -		331	(1-4)R-3,N-5	WILLIAMSON	91	74	CONTRACT NO. 78280		
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISÉD -		SCALE:	SHEET	OF	SHEETS	STA. 377+50.00	TO STA. 378+50.00	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/5/2013	DATE -	REVISÉD -									

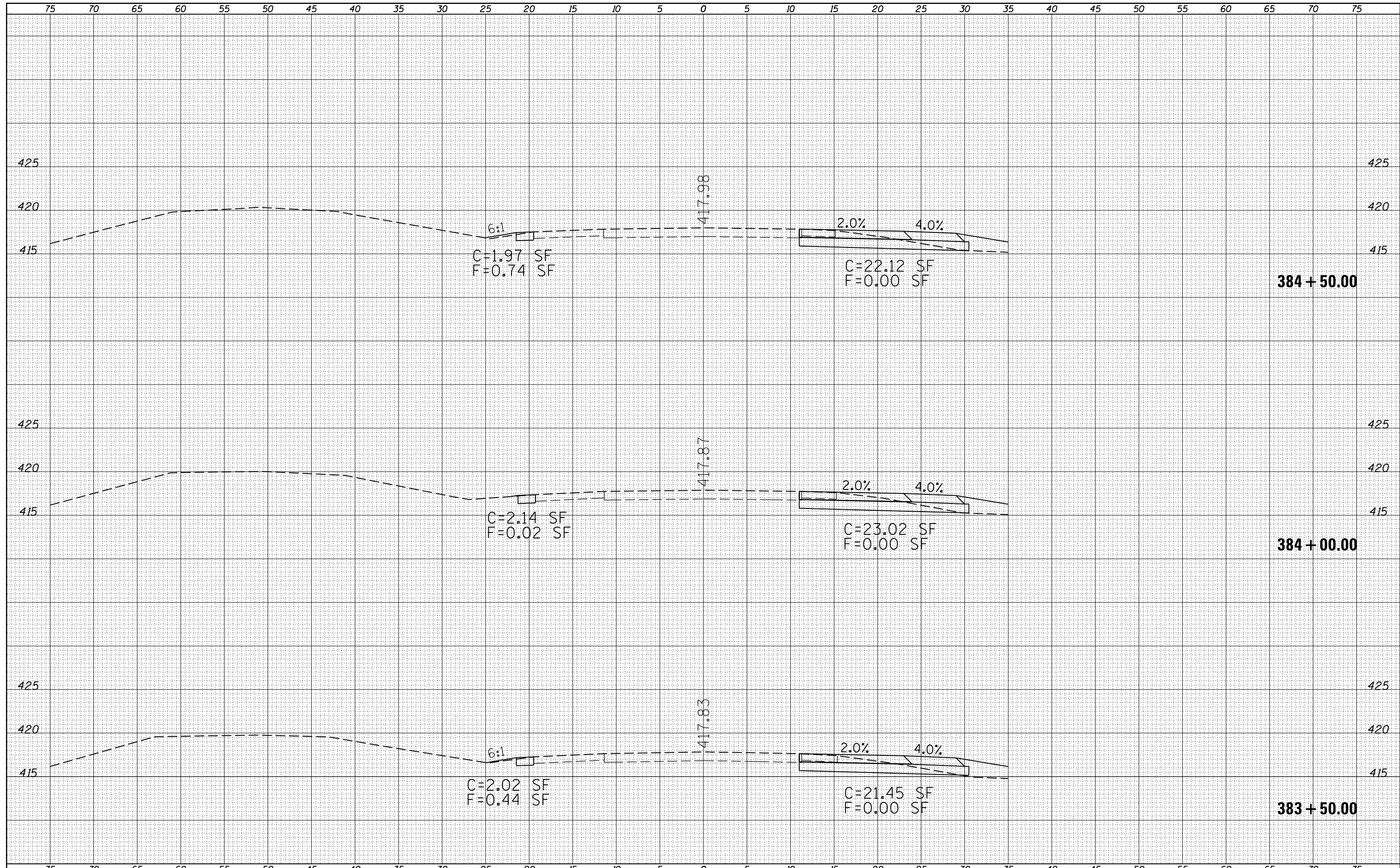
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



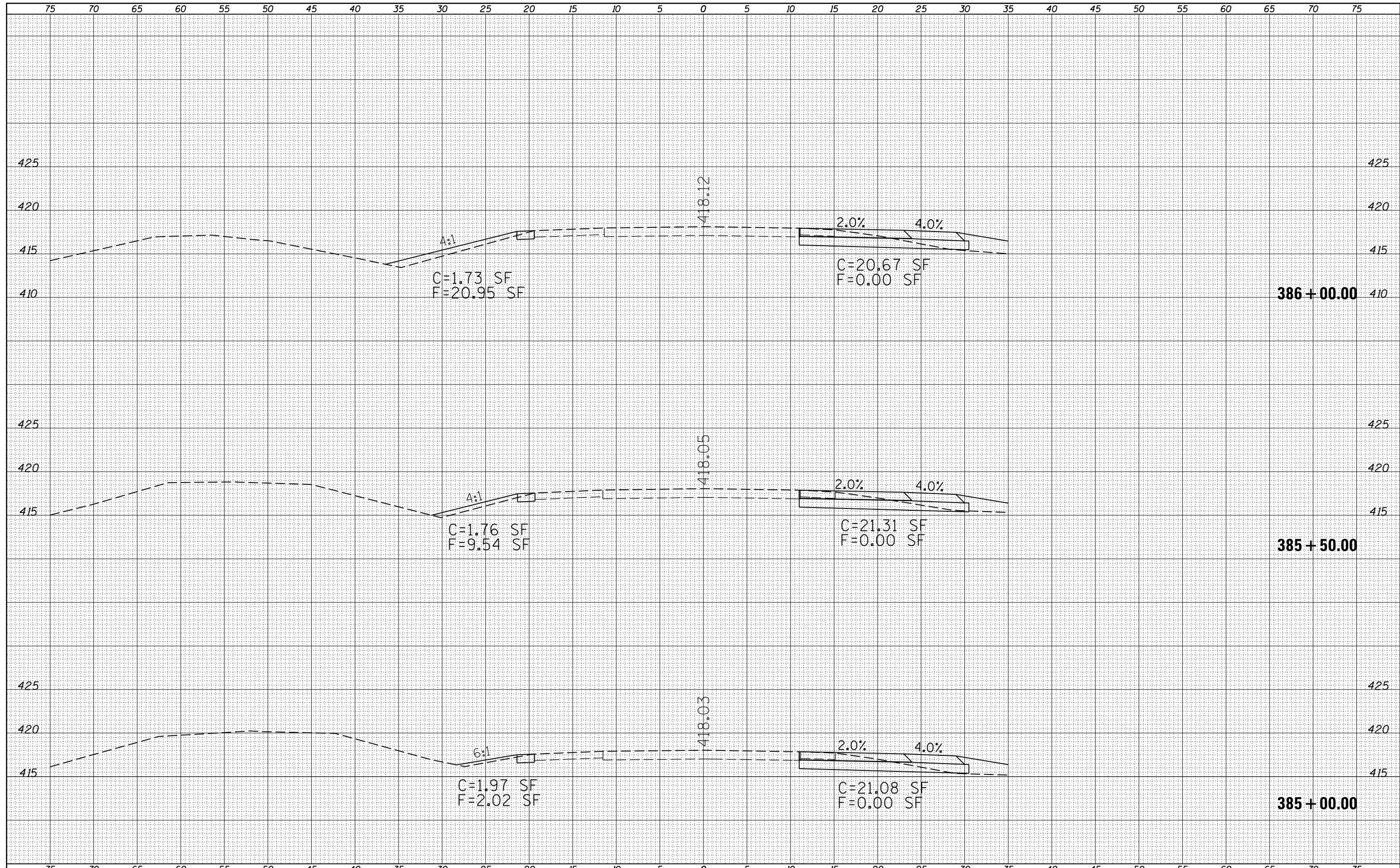
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



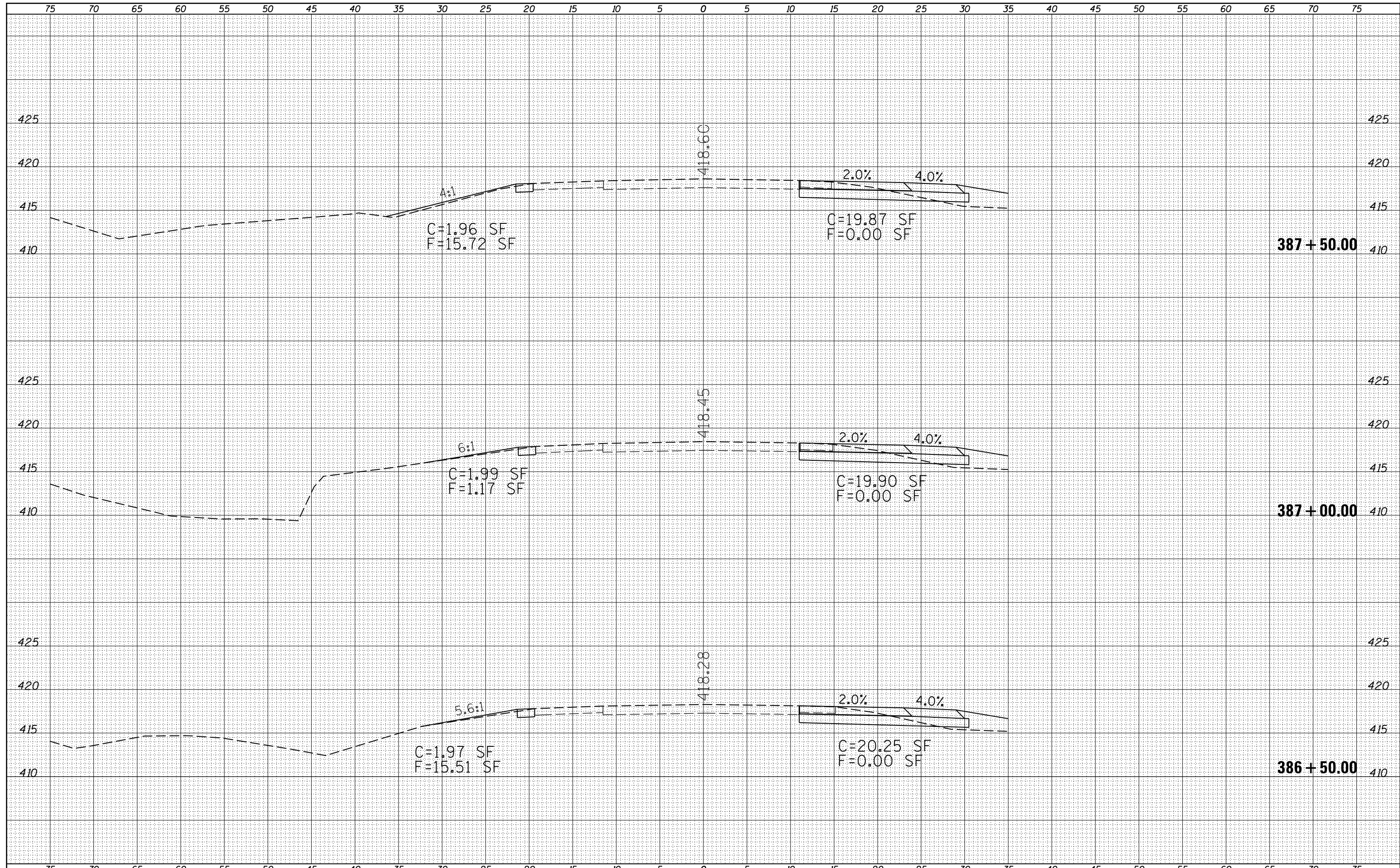
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



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

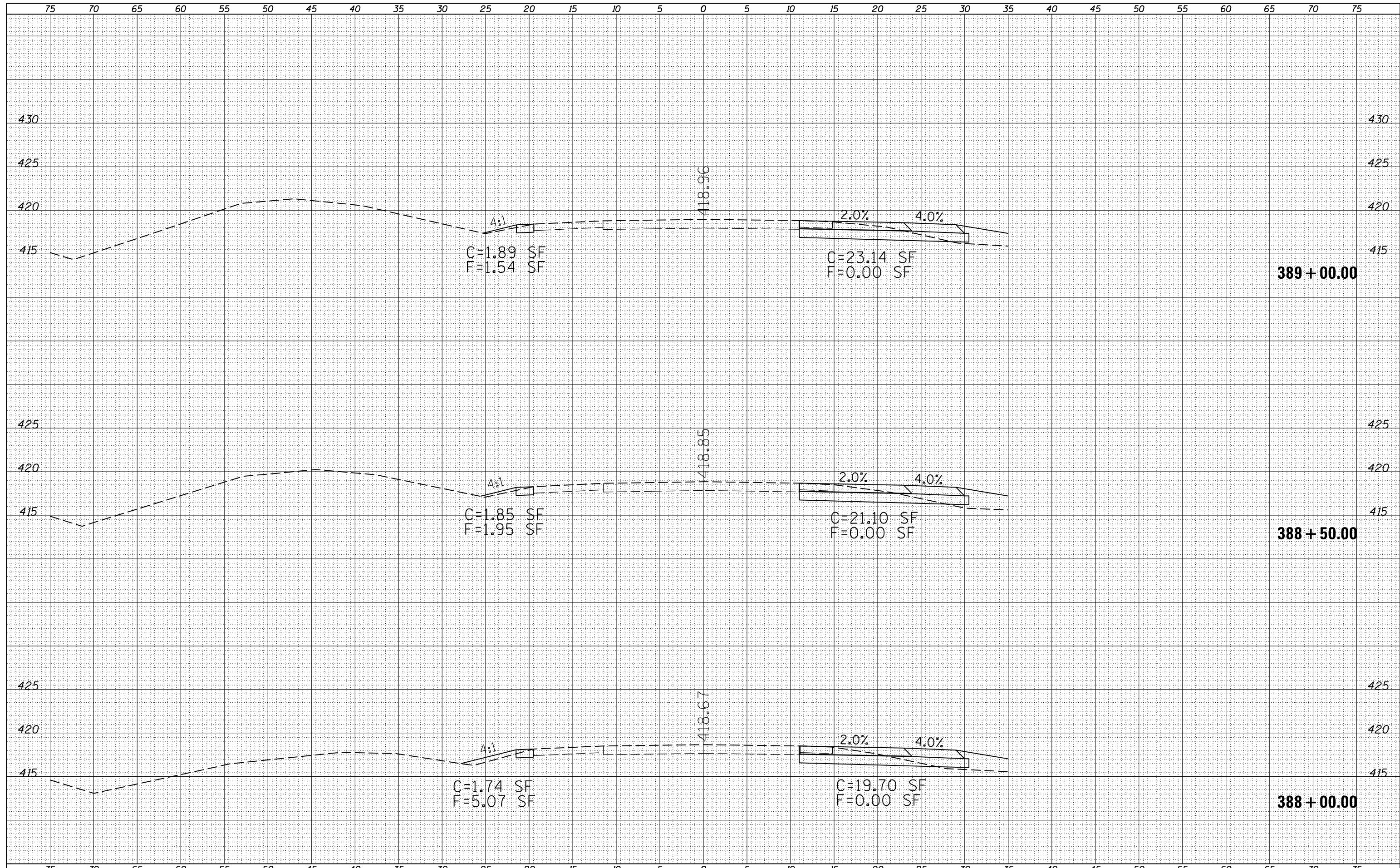
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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.
es:\pw_work\p\dot\pufferae\d0278330\78280-sh	es13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	80			
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 78280			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/5/2013	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 386+50.00 TO STA. 387+50.00			

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

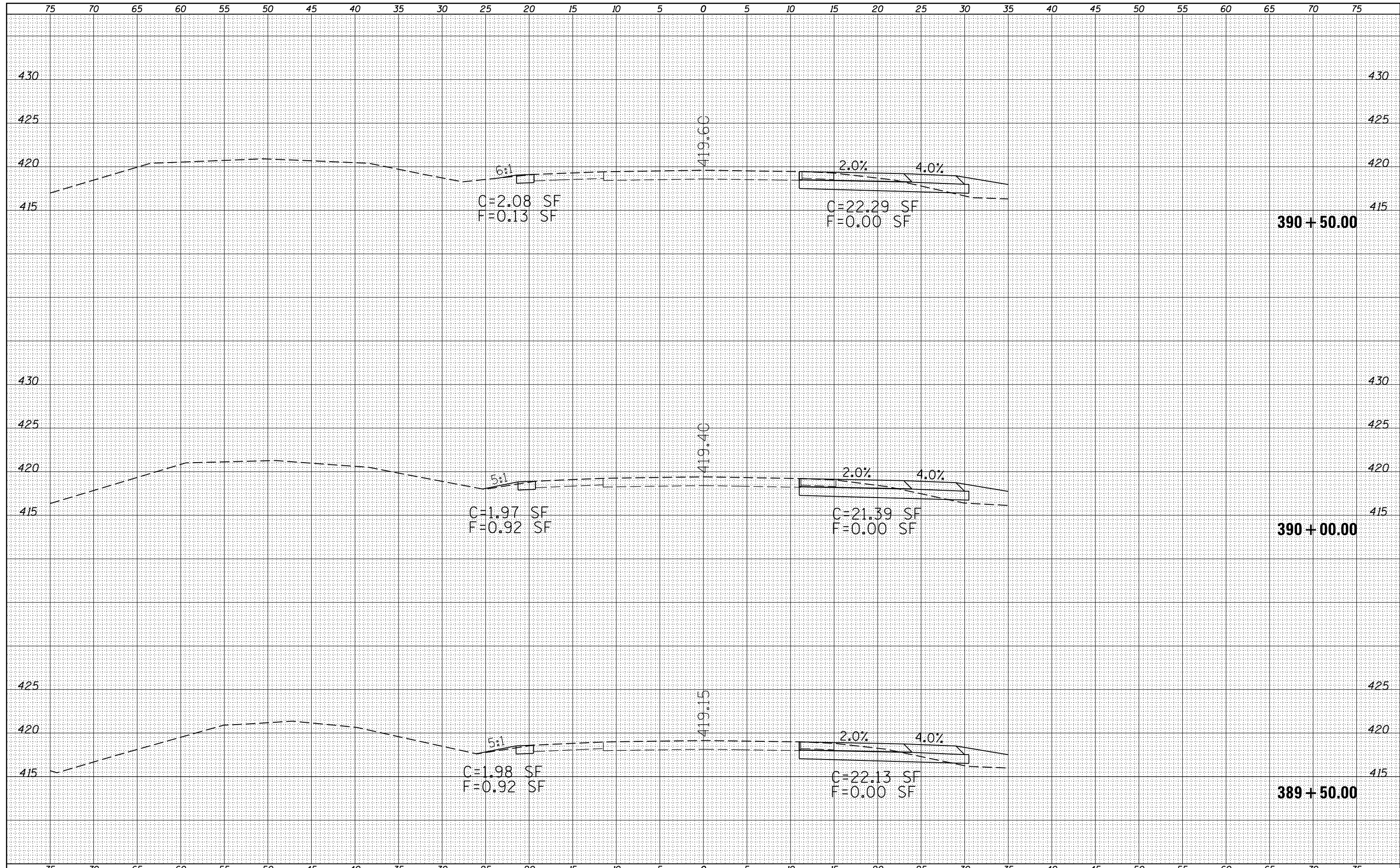
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\puff\erae\d0278330\78280-sh.t	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	81				
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 388+00.00	TO STA. 389+00.00	CONTRACT NO. 78280			
PLOT DATE = 2/5/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										

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

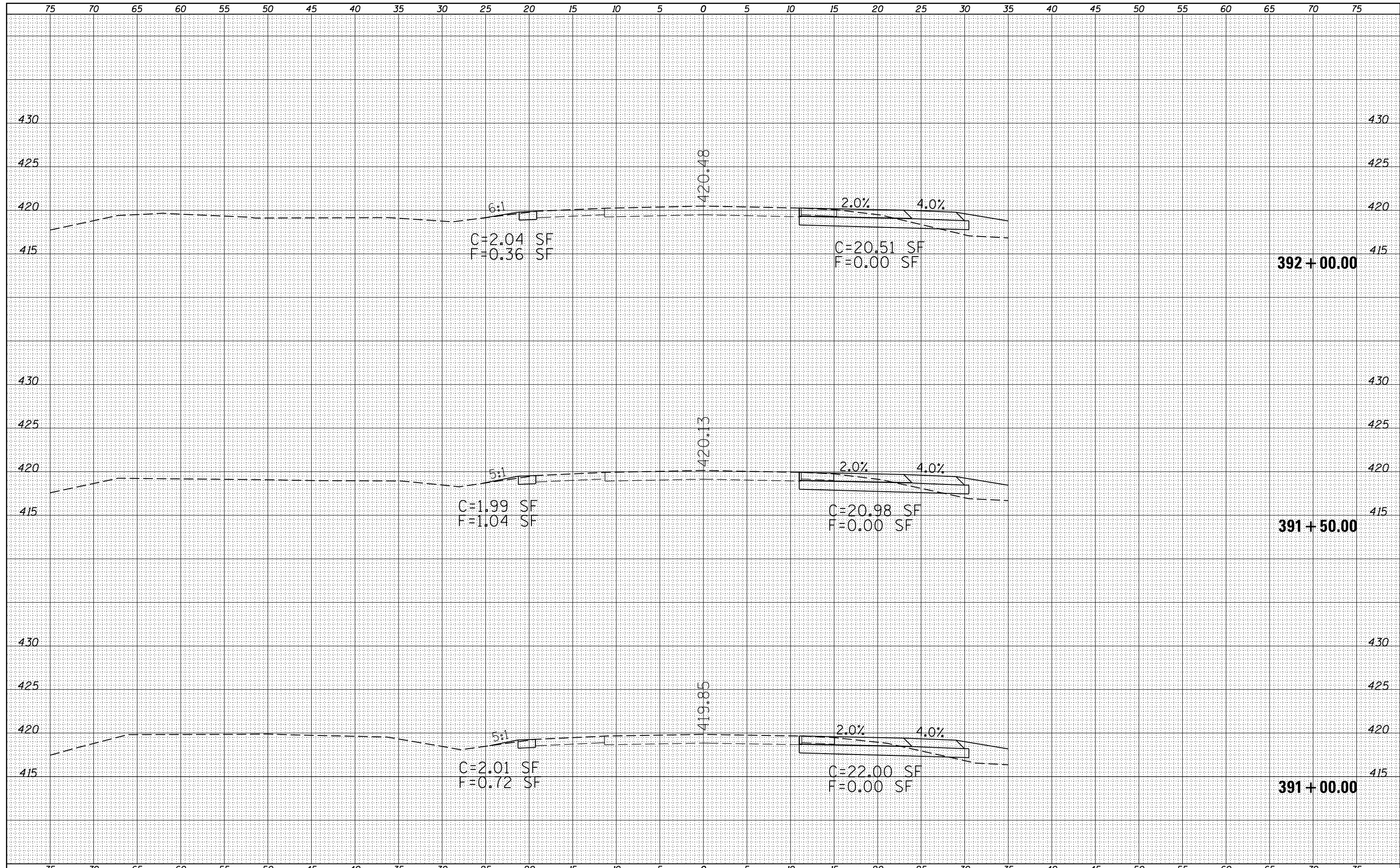
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\puff\erae\d0278330\78280-sh\13.dgn		DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	82			
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 389+50.00 TO STA. 390+50.00			CONTRACT NO. 78280				
PLOT DATE = 2/5/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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

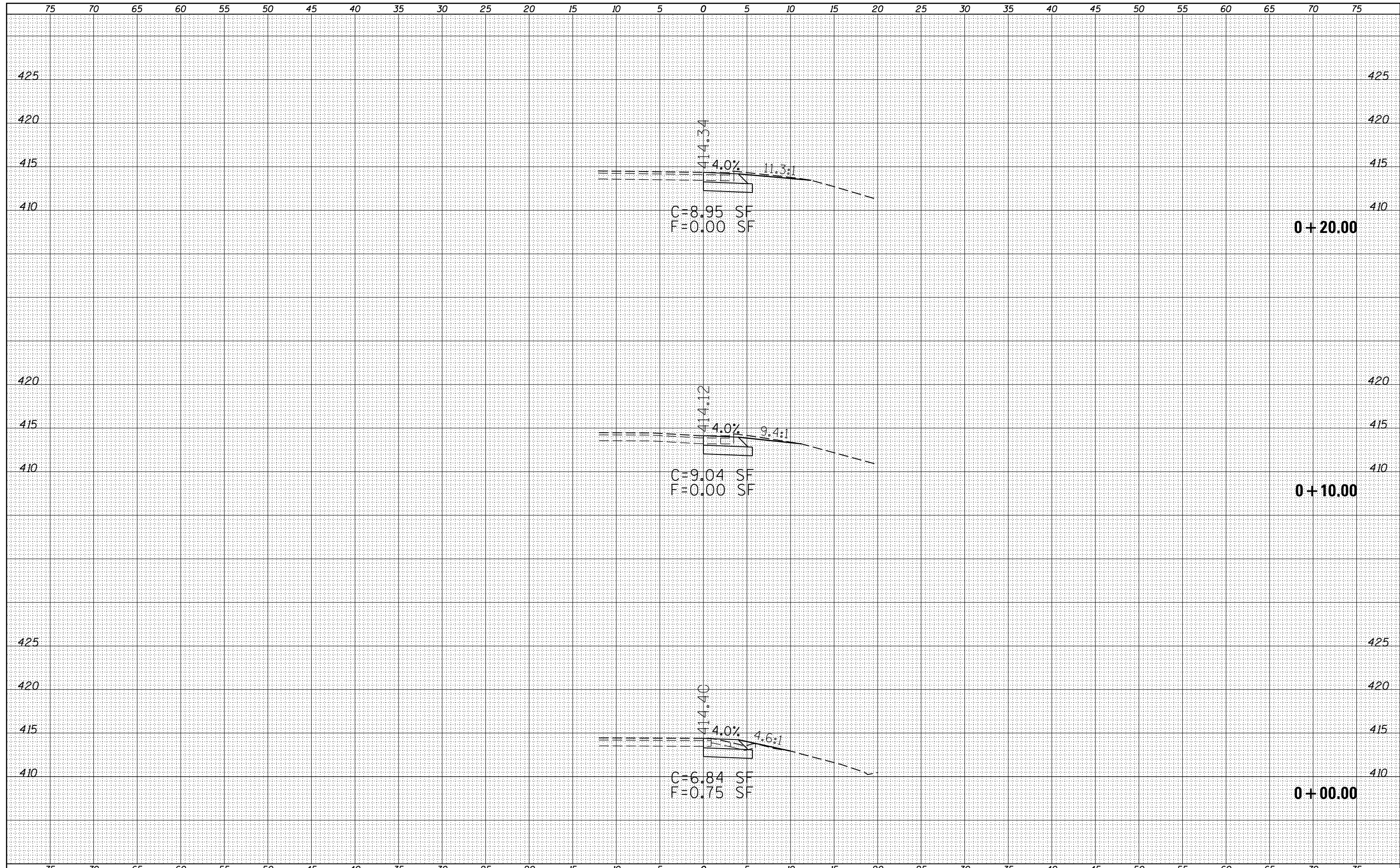
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 13 WESTBOUND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	83				
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. 391+00.00	TO STA. 392+00.00	CONTRACT NO. 78280			
PLOT DATE = 2/5/2013	DATE -	REVISED -	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



FILE NAME = c:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn

USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

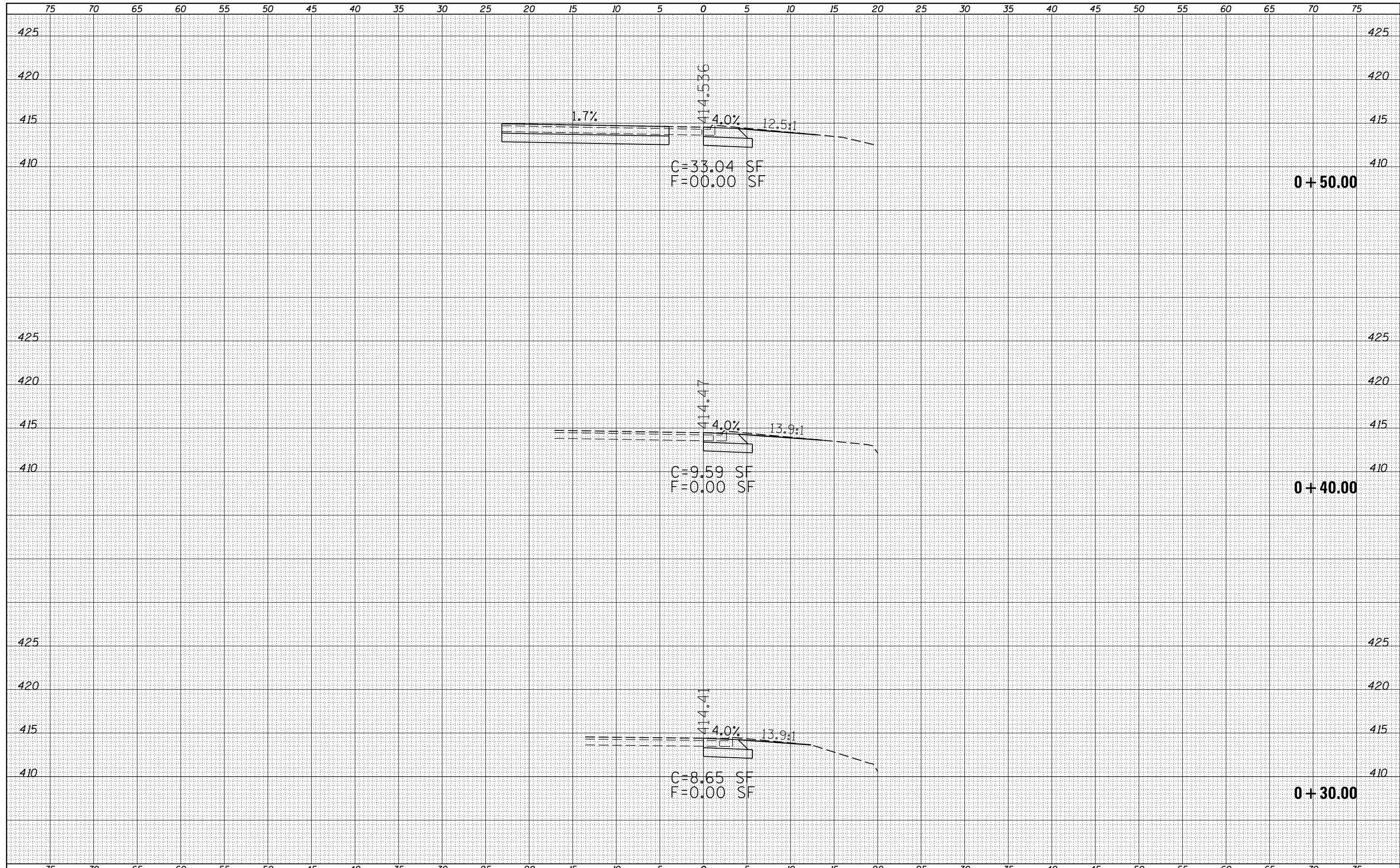
**CROSS SECTIONS
SHAWNEE TRAIL NW QUADRANT**

SCALE: SHEET OF SHEETS STA. +00.00 TO STA. +20.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	86
CONTRACT NO. 78280			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 es:\pw_work\pwidot\pufferae\d0278330\78280-sh...s13.dgn

USER NAME = susers
 DESIGNED -
 DRAWN -
 PLOT SCALE = 10.0000' / in.
 CHECKED -
 DATE - 2/5/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

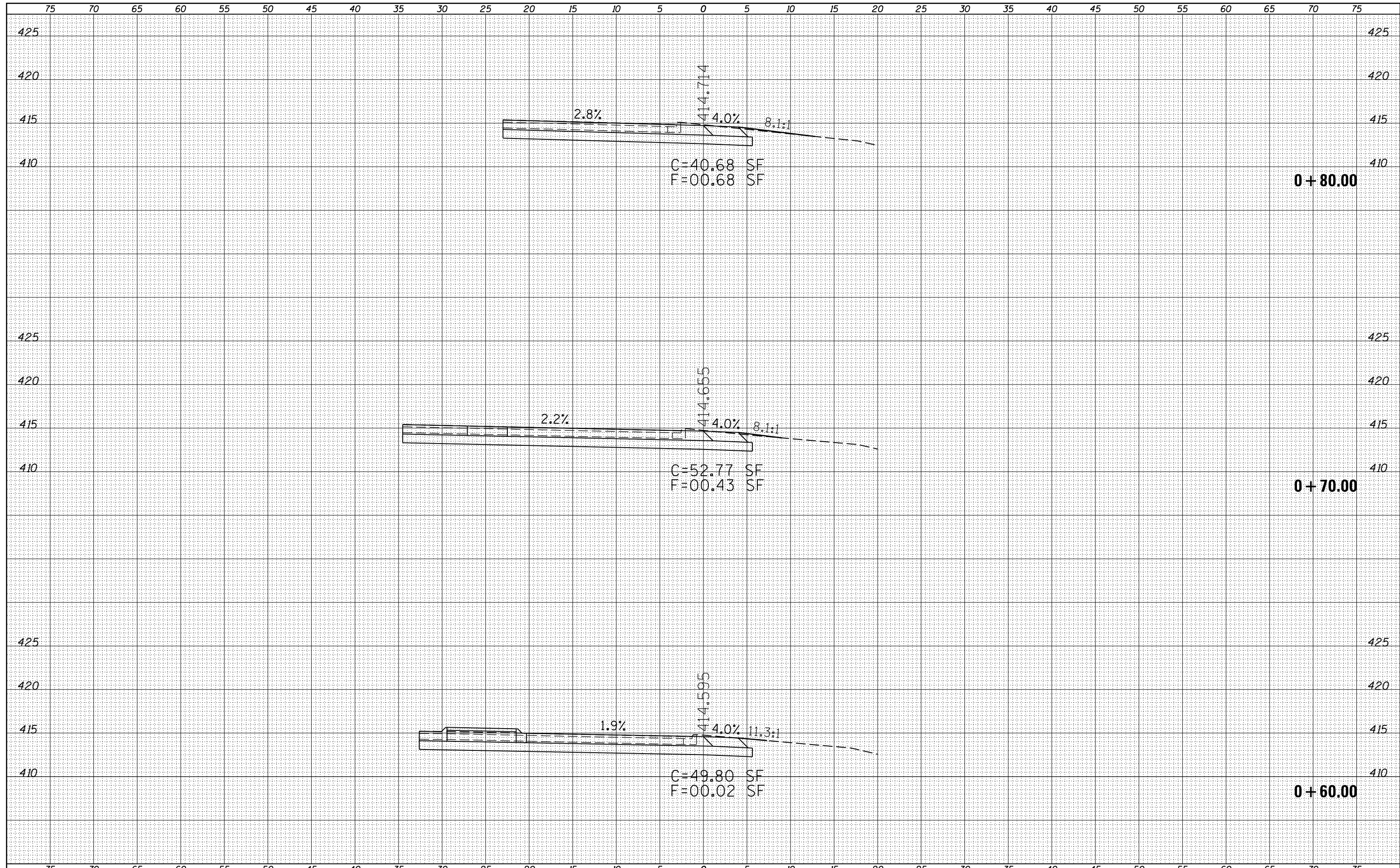
**CROSS SECTIONS
 SHAWNEE TRAIL NW QUADRANT**

SCALE: SHEET OF SHEETS STA. +30.00 TO STA. +50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	87
			CONTRACT NO. 78280	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

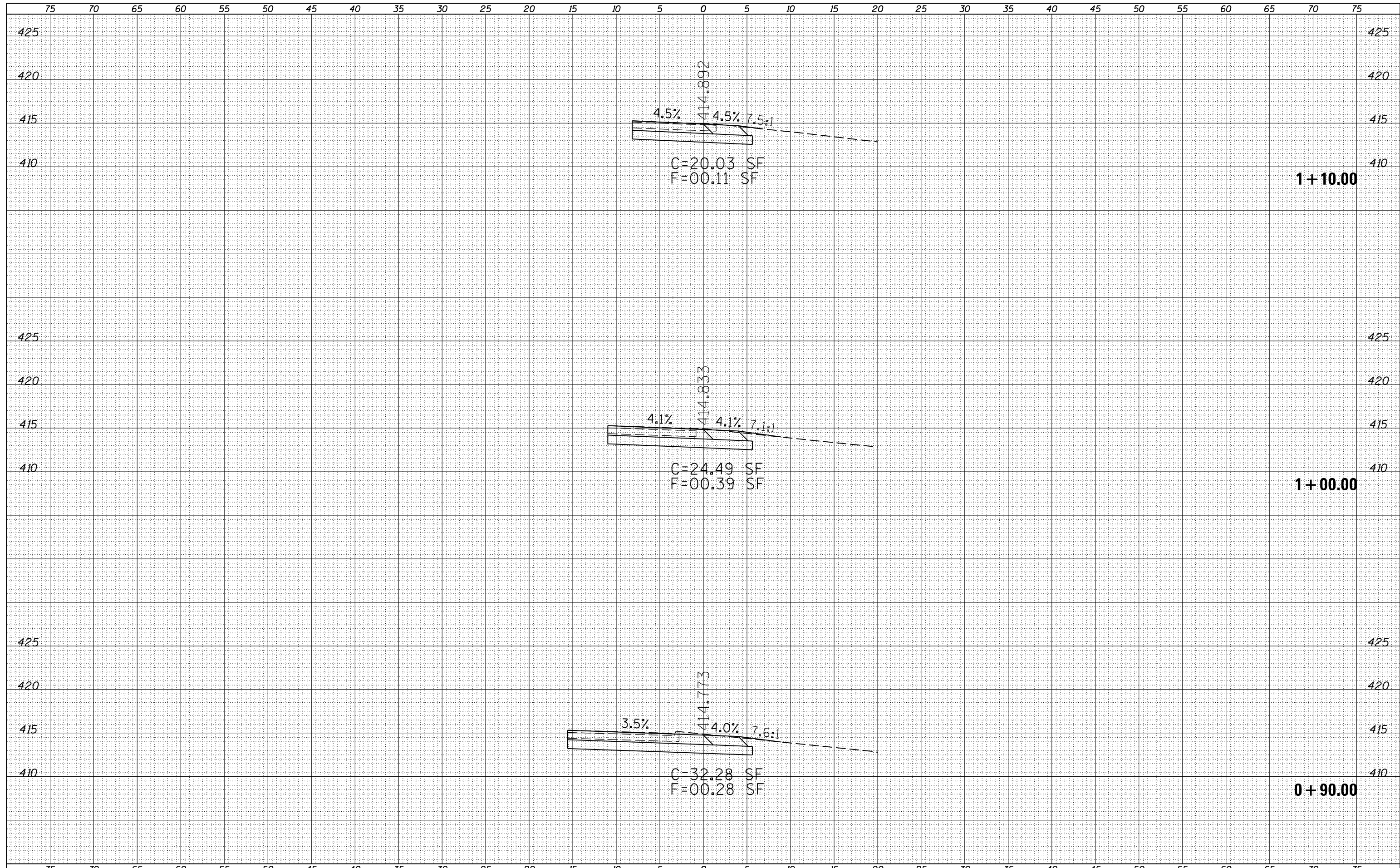
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS SHAWNEE TRAIL NW QUADRANT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn	DRAWN -	REVISED -	331					(1-4)R-3,N-5	WILLIAMSON	91	88	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78280									
PLOT DATE = 2/5/2013	DATE -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA. +60.00	TO STA. +80.00	ILLINOIS FED. AID PROJECT		

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

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



FILE NAME = c:\pw_work\pwidot\pufferae\d0278330\78280-sh13.dgn

USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SHAWNEE TRAIL NW QUADRANT**

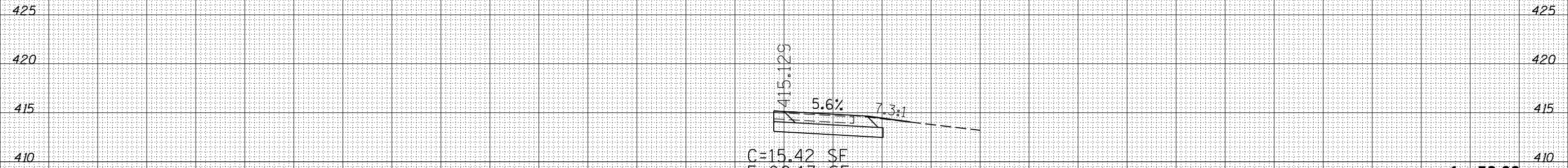
SCALE: SHEET OF SHEETS STA. +90.00 TO STA. 1+10.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-4)R-3,N-5	WILLIAMSON	91	89
CONTRACT NO. 78280			ILLINOIS FED. AID PROJECT	

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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

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



FILE NAME =	USER NAME = susers	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS SHAWNEE TRAIL NW QUADRANT</p> <p>SCALE: SHEET OF SHEETS STA. 1+50.00 TO STA. 1+50.00</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwidot\pufferae\d0278330\78280-sh	ks13.dgn	DRAWN -	REVISED -		331	(1-4)R-3,N-5	WILLIAMSON	91	91
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 78280				
	PLOT DATE = 2/5/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT				