

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	WHITESIDE	53	1
		ILLINOIS	CONTRACT NO. 64F37	

INDEX OF SHEETS

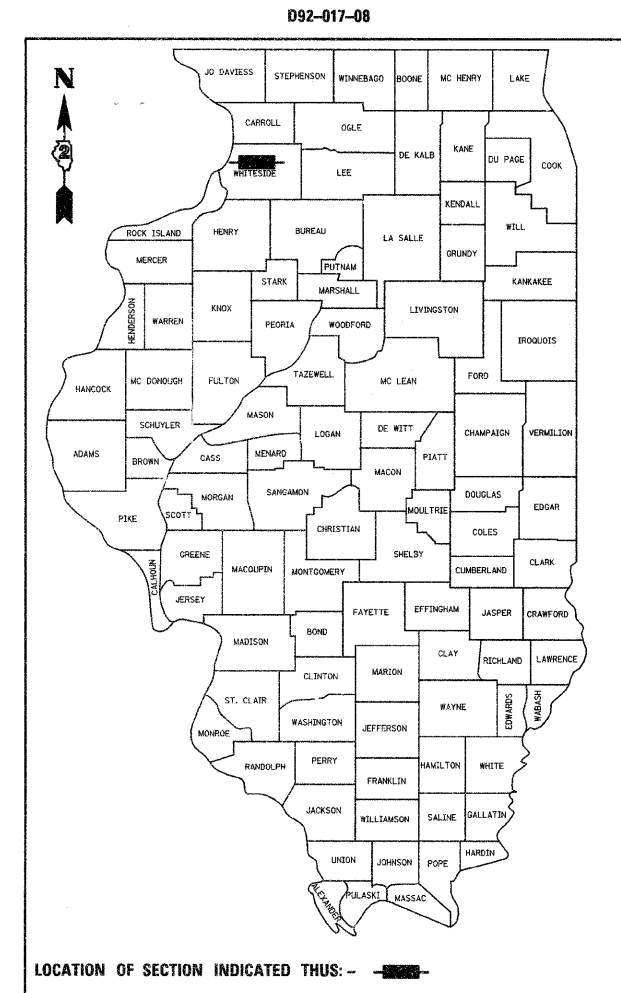
Page	Description
1	COVER SHEET
2 - 4	SUMMARY OF QUANTITIES
5 - 6	GENERAL NOTES
7 - 8	TYPICAL SECTIONS
9 - 12	SCHEDULE OF QUANTITIES
13	BITUMINOUS SCHEDULE
14 - 19	HORIZONTAL & VERTICAL CONTROL SHEETS
20 - 22	PLAN & PROFILE SHEETS
23	OVERVIEW MAP (INFORMATION ONLY)
24	DETOUR DETAIL
25 - 27	LIGHTING DETAILS
28 - 29	REMOVAL DETAILS
30 - 31	STATION & OFFSET DETAILS
32 - 33	PAVEMENT MARKING DETAILS
34	HOT-MIX ASPHALT SHOULDERS (23.4A)
	DELINEATORS AND POST (37.4)
	RUMBLE STRIP RESURFACING (91.4)
	DRAIN FOR AGGREGATE BASE COURSE (96.4)
	EROSION CONTROL DETAILS FOR SILT FENCE (29.2)
	THREE-CENTER CURVE DATA (92.2)
35	STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN (2.1)
36	TRAFFIC CONTROL FOR ROAD CLOSURE (40.1)
37	TYPICAL PAVEMENT MARKINGS (41.1)
38 - 40	CROSS SECTIONS
41 - 53	

Code	Highway Standards
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
635001-01	DELINEATORS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
878001-08	CONCRETE FOUNDATION DETAILS

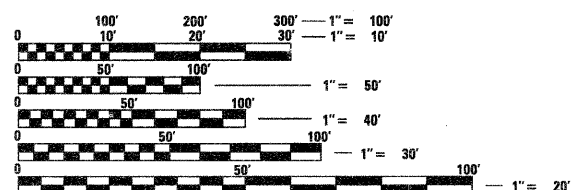
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROPOSED HIGHWAY PLANS

FAP ROUTE 309
SECTION (20-1)M
PROJECT ACHSIP-0309 (012)
INTERSECTION IMPROVEMENT (HSIP)
WHITESIDE COUNTY
C-92-196-09

R 3 E

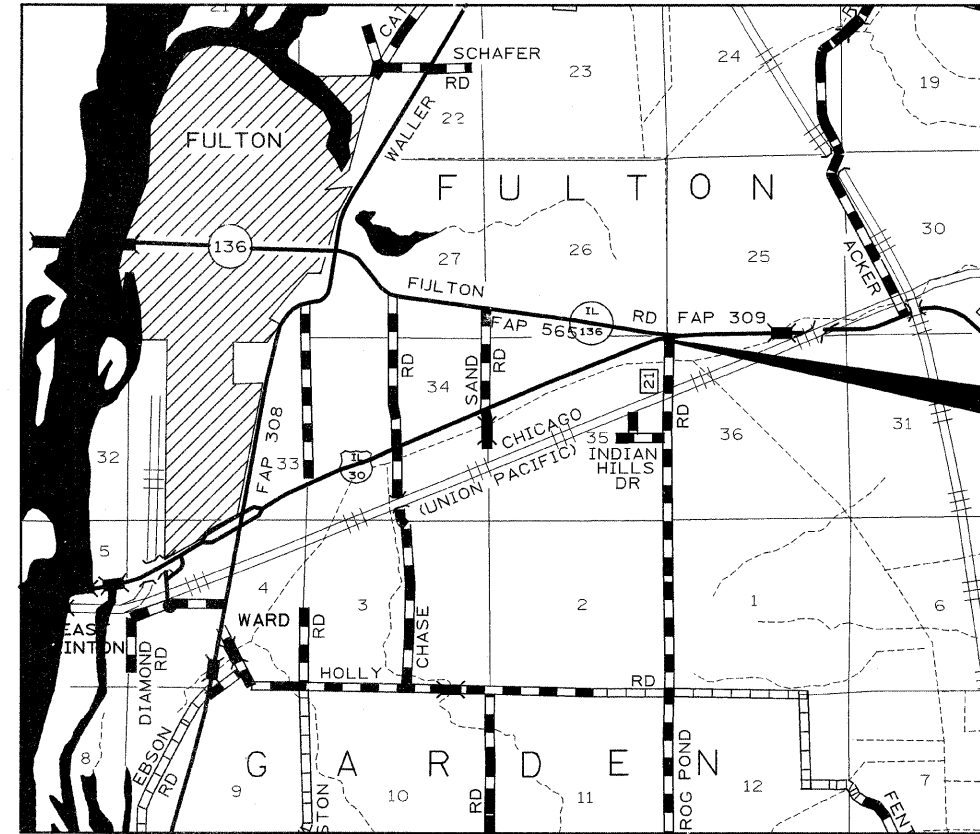


FULTON TOWNSHIP 25, 26, 35, 36



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



INTERSECTION IMPROVEMENTS
US RTE 30: STA 624 + 51.95 - STA 635 + 45.00
IL RTE 136: STA 166 + 65.00 - STA 169 + 75.59

PROJECT ENGINEER: REBECCA MARRUFFO
SQUAD LEADER: FAITH DUNCAN (815) 284-5364

GROSS LENGTH = 1472.08 FT. = 0.279 MILE
NET LENGTH = 1472.08 FT. = 0.279 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec. 3, 20 09

Scott E. Still, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29, 20 10
Christine M. Reed
Acting ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 20 10
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	1000-1A
			90% Fed/ 10% State TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	1,545
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,295
25000210	SEEDING, CLASS 2A	ACRE	0.75
e) 25000750	MOWING	ACRE	0.75
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	117.50
28000400	PERIMETER EROSION BARRIER	FOOT	1,320
28000720	MULCH, METHOD 2	ACRE	0.75
28000500	INLET AND PIPE PROTECTION	EACH	3
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	3,910
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	6
40600837	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70	TON	200
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,474
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	83
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	300
44000100	PAVEMENT REMOVAL	SQ YD	1,027
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"	SQ YD	1,123
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	148
44004250	PAVED SHOULDER REMOVAL	SQ YD	481
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	685
48101200	AGGREGATE SHOULDERS, TYPE B	TON	253
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	50
48203019	HOT-MIX ASPHALT SHOUDLERS, 5 1/2"	SQ YD	859
50104400	CONCRETE HEADWALL REMOVAL	EACH	3
54213453	END SECTIONS 18"	EACH	1

*SPECIALTY ITEMS
e) Non Participating Item (100% State)

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 SUMMARY OF QUANTITIES			F.A.P. RTE. 309	SECTION (20-1)M	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 2
oi\pwork\PWIDOT\HENSONKE\d0128026\p0708evr.dgn		DRAWN -	REVISED -					CONTRACT NO. 64F37				
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
PLOT DATE = Wed Dec 02 10:06:54 2009		DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	1000-1A	
			90% Fed/ 10% State	TOTAL QUANTITY
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH		2
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTION 36"	EACH		1
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT		4
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT		8
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT		756
63500310	REMOVE AND REINSTALL DELINEATORS	EACH		4
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO		3
67100100	MOBILIZATION	L SUM		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM		1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM		1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA		10
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		94
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT		2,210
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT		1,596
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT		515
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT		63
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH		71
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH		5
78300100	PAVEMENT MARKING REMOVAL	SQ FT		506
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH		1
* 81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT		126
* 81603000	UNIT DUCT, 600V, 2-1C NO.8, 1C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT		318
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT		166

*SPECIALTY ITEMS
 :) Non Participating Item (100% State)

FILE NAME =	USER NAME = hansonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 SUMMARY OF QUANTITIES		F.A.P. RTE. 309	SECTION (20-1)M	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 3
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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -								
PLOT DATE = Wed Dec 02 10:06:55 2009		DATE -	REVISED -								

SUMMARY OF QUANTITIES

			1000-1A
			90% Fed/ 10% State
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY
*	82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 30AMP	EACH 1
	87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12FT.	EACH 1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT 3
*	X0321478	MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE	L SUM 1
	X0323221	PLUG AND ABANDON EXISTING PIPE	CU YD 1
	X0325519	DRAIN FOR AGGREGATE BASE COURSE	SQ YD 19
	X0349800	CONCRETE HEADWALL FOR PIPE UNDERDRAIN REMOVAL	EACH 2
	X6064201	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT 185.0
	X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	LSUM 1
	X7240600	REMOVE AND RE-ERECT EXISTING SIGN PANEL	EACH 3
	XX003964	REMOVAL OF EXISTING METAL END SECTIONS	EACH 1
	XX005938	SOLAR-POWER FLASHING BEACON ASSEMBLY (COMPLETE)	EACH 4
	X0322189	REMOVE EXISTING LIGHTING SYSTEM NO SALVAGE	L SUM 1
;)	Z0014800	CULVERT TO BE CLEANED	FOOT 176
	Z0013798	CONSTRUCTION LAYOUT	L SUM 1
	Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD 3,910
	Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT 64
	Z0055100	RUMBLE RESURFACING	SQ YD 97

*SPECIALTY ITEMS
;) Non Participating Item (100% State)

GENERAL NOTES

Work on this project might be in progress at the same time as the resurfacing project on Route 30 from Morrison to Clinton. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Commonwealth Edison Co.	Frontier/Citizens
US Sprint	Lightcore

The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date + 135 days.

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

Tie the following to the existing concrete pavement	Std.	Length, size, and spacing of Tie Bars
Gutter or Curb & Gutter	606001	600 mm (24") long No. 20 (No. 6) @ 600 mm (24") centers
PCC Base Course	353001	600 mm (24") long No. 20 (No. 6) @ 750 mm (30") centers
PCC Pavement	420101	600 mm (24") long No. 20 (No. 6) @ 750 mm (30") centers

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

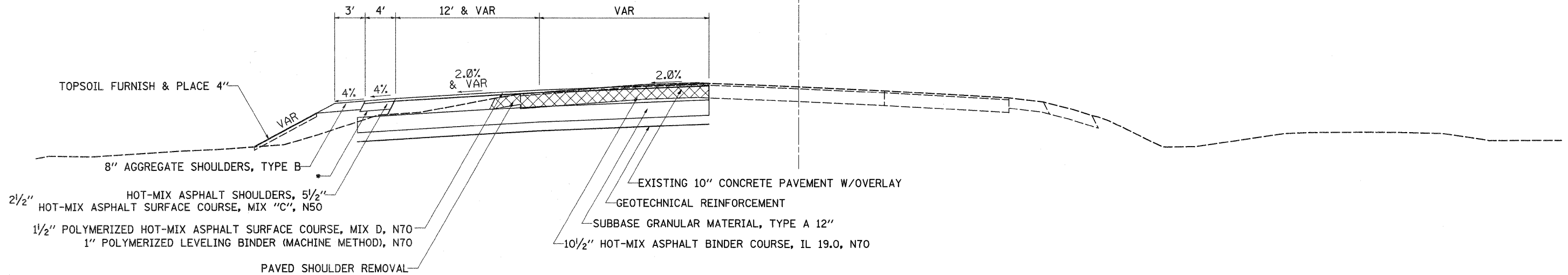
FILE NAME = 64F37.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			FAP 301	(20-1)M	Whiteside	53	6	
	PLOT SCALE =	CHECKED -	REVISED -			(US 30)	CONTRACT NO. 64F37				
PLOT DATE = 12/2/2009 10:54 AM	DATE = 9/10/2009 7:34 AM	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

TYPICAL SECTIONS

US RTE 30

STA 627+56.25 - STA 635+45.00

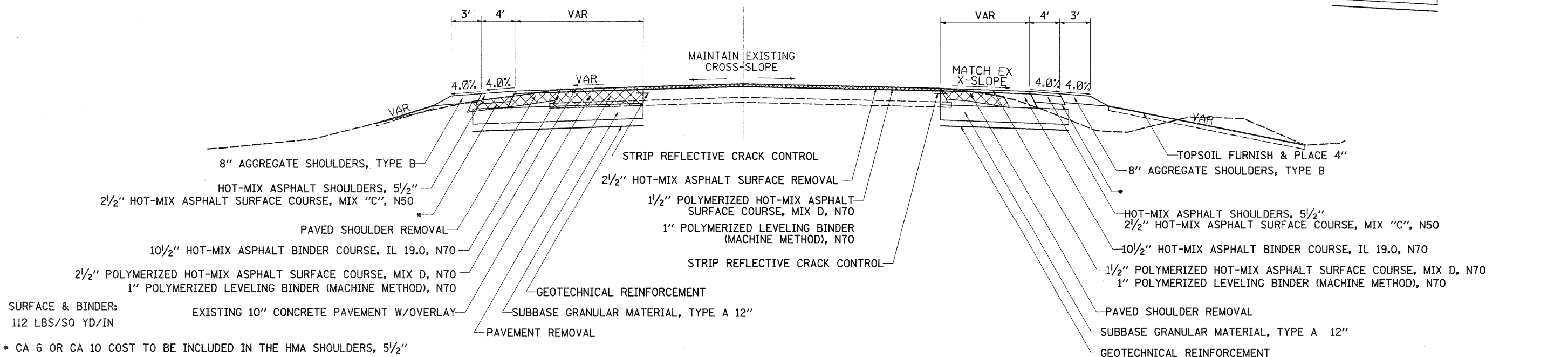
CL US RTE 30



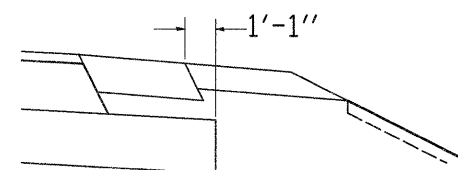
IL RTE 136

STA 166+65 - STA 168+41

CL IL RTE 136



TYPICAL



SURFACE & BINDER:
112 LBS/SQ YD/IN

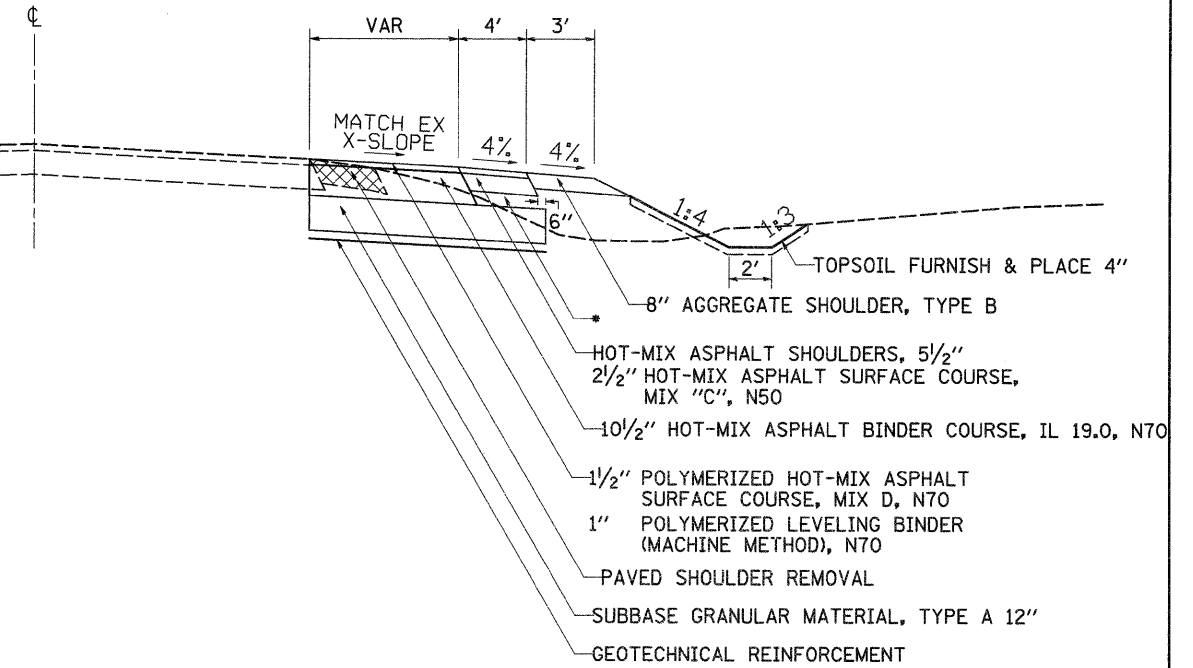
* CA 6 OR CA 10 COST TO BE INCLUDED IN THE HMA SHOULDERS, 5 1/2"

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwwork\pwwid\DOT\HENSONKE\d0126026\PLN\heng.dgn		DRAWN -	REVISED -		309	(20-1)M	WHITESIDE	53	7				
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -						CONTRACT NO. 64F37				
PLOT DATE = Wed Dec 02 06:20:09 2009		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.				

TYPICAL SECTIONS

SW RETURN

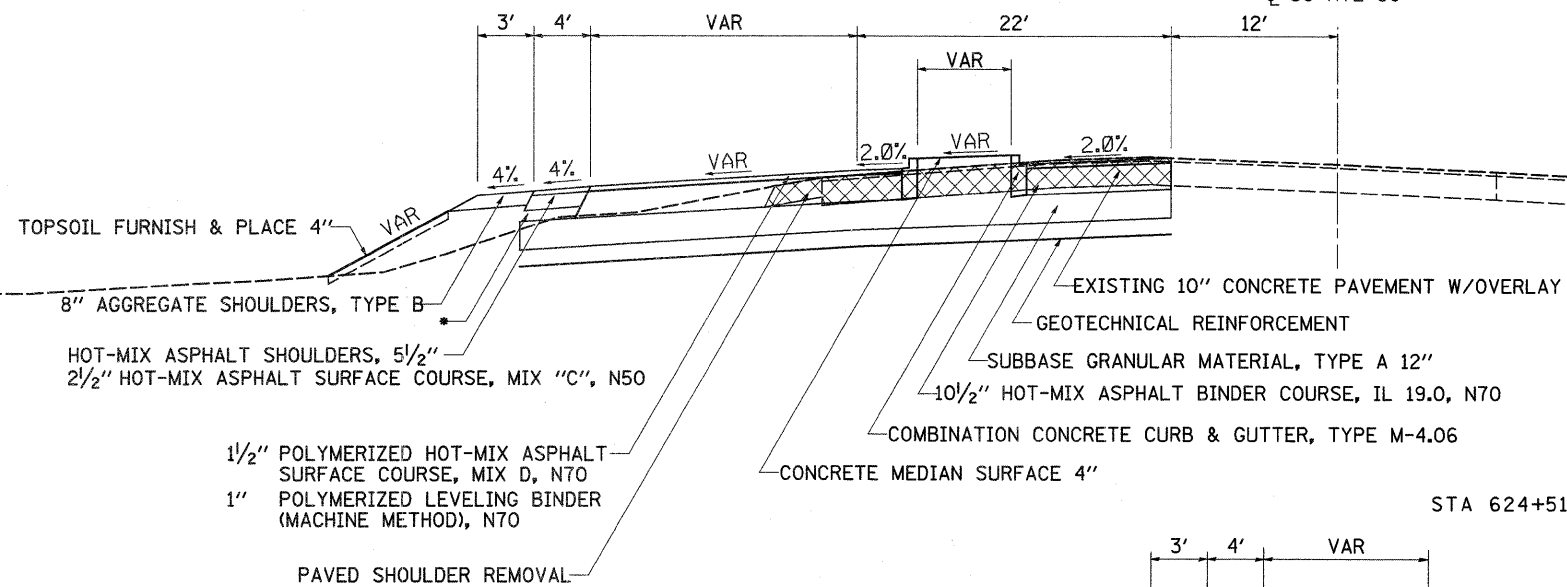
STA 625+47.55 (US RTE 30) - STA 301+45.49 (FROG POND ROAD)



NE RETURN

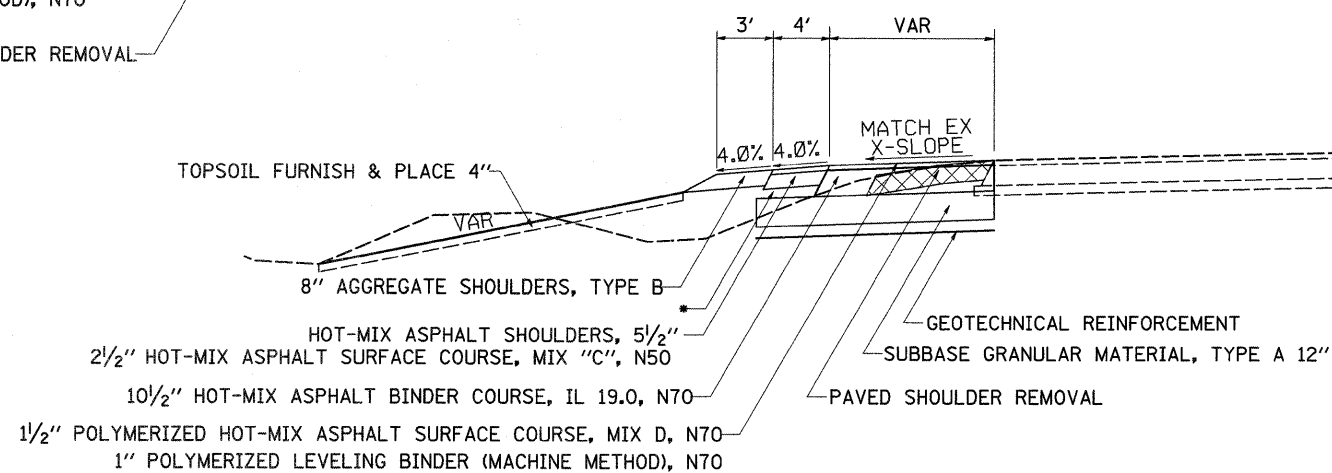
STA 168+41.88 (IL 136) - STA 627+56.25 (US RTE 30)

CL US RTE 30

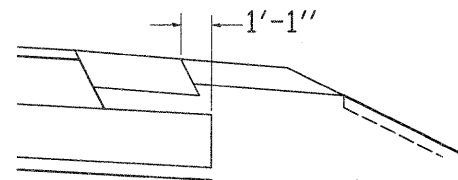


NW RETURN

STA 624+51.95 (US RTE 30) to STA 168+41.38 (IL RTE 136)



TYPICAL



SURFACE & BINDER:
112 LBS/SQ YD/IN

* CA 6 OR CA 10 COST TO BE INCLUDED IN THE HMA SHOULDERS, 5 1/2"

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PW\DOT\HENSONKE\d0128026\PLN\eng.dgn		DRAWN -	REVISED -		309	(20-1)M	WHITESIDE	53	8				
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PLOT DATE = Wed Dec 02 06:20:08 2009		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

SCHEDULE OF QUANTITIES

20200100 EARTH EXCAVATION

CU YD	LOCATION	
99	SW Return	625 + 47.55 - 301 + 45.49
183	NW Return	624 + 51.96 - 168 + 41.38
337	NE Return	168 + 41.88 - 627 + 56.25
99	IL Rte 136	
	LT & RT	166 + 00.01 - 168 + 00.01
	US Rte 30	
827	LT	627 + 56.25 - 635 + 45.01
<u>1,545</u>		

21101615 TOPSOIL FURNISH AND PLACE 4"

SQ YD	LOCATION	
109.38	SW Return	625 + 48.01 - 301 + 50.01
396.25	NW Return	624 + 50.01 - 169 + 24.01
168.89	NE Return	625 + 78.01 - 627 + 50.01
	IL Rte 136	
176.94	LT & RT	166 + 00.01 - 168 + 00.01
	US Rte 30	
1,443.42	LT	627 + 50.01 - 635 + 50.01
<u>2,294.88</u>		

25000210 SEEDING CLASS 2A

ACRE	LOCATION	
0.10	SW Return	625 + 48.01 - 301 + 50.01
0.10	NW Return	624 + 50.01 - 169 + 24.01
0.05	NE Return	625 + 78.01 - 627 + 50.01
	IL Rte 136	
0.10	LT & RT	166 + 00.01 - 168 + 00.01
	US Rte 30	
0.40	LT	627 + 50.01 - 635 + 50.01
<u>0.75</u>		

25000750 MOWING

ACRE	LOCATION	
0.10	SW Return	625 + 48.01 - 301 + 50.01
0.10	NW Return	624 + 50.01 - 169 + 24.01
0.05	NE Return	625 + 78.01 - 627 + 50.01
	IL Rte 136	
0.10	LT & RT	166 + 00.01 - 168 + 00.01
	US Rte 30	
0.40	LT	627 + 50.01 - 635 + 50.01
<u>0.75</u>		

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION	
5.00	SW Return	625 + 47.55 - 301 + 45.49
20.00	NW Return	624 + 51.96 - 168 + 41.38
7.50	NE Return	168 + 41.88 - 627 + 56.25
	IL Rte 136	
10.00	LT & RT	166 + 65.01 - 168 + 41.28
	US Rte 30	
75.00	LT	627 + 56.25 - 635 + 45.01
<u>117.5</u>		

28000400 PERIMETER EROSION BARRIER

FOOT	LOCATION	
135.00	SW Return	625 + 47.55 - 301 + 45.49
180.00	NW Return	624 + 51.96 - 168 + 41.38
180.00	NE Return	168 + 41.88 - 627 + 56.25
	US Rte 30	
825.00	LT	627 + 56.25 - 635 + 45.01
<u>1,320.00</u>		

28000720 MULCH METHOD 2

ACRE	LOCATION	
0.10	SW Return	625 + 48.01 - 301 + 50.01
0.10	NW Return	624 + 50.01 - 169 + 24.01
0.05	NE Return	625 + 78.01 - 627 + 50.01
	IL Rte 136	
0.10	LT & RT	166 + 00.01 - 168 + 00.01
	US Rte 30	
0.40	LT	627 + 50.01 - 635 + 50.01
<u>0.75</u>		

28000500 INLET AND PIPE PROTECTION

EACH	LOCATION	
1	SW Return	
	LT	300 + 71.3
	NE Return	
1	RT	168 + 56.42
	US Rte 30	
1	LT	634 + 86.54
<u>3</u>		

35300500 PORTLAND CEMENT CONCRETE BASE COURSE 10"

SQ YD	LOCATION	
5.76	NW Return	626 + 00. - 626 + 03.
<u>5.76</u>		

SCHEDULE OF QUANTITIES

X0349800 CONCRETE HEADWALL FOR PIPE UNDERDRAIN REMOVAL

EACH	LOCATION		OFFSET
1	NW Return	625 + 61.52	50'
	LT		
1	NE Return	626 + 72.33	75'
	LT		
<u>2</u>			

X6064201 COMBINATION CONCRETE CURB & GUTTER TYPE M-4.06

FOOT	LOCATION		OFFSET
38.00	NW Return	625 + 85.13 - 626 + 00.21	27'
	LT		
147.00	NE Return	626 + 57.89 - 627 + 20.34	33'
	LT		
<u>185</u>			

XX003964 REMOVAL OF EXISTING METAL END SECTIONS

EACH	LOCATION		OFFSET
1	SW Return	300 + 71.30	34'
	RT		
<u>1</u>			

Z0014800 CULVERT TO BE CLEANED

FOOT	LOCATION		OFFSET
60	SW Return	300 + 71.3	
	LT & RT		
50	NW Return	168 + 56.42	
	LT & RT		
66	US Rte 30	634 + 86.54	
	LT & RT		
<u>176</u>			

Z0028415 GEOTECHNICAL REINFORCEMENT

SQ YD	LOCATION		OFFSET
153.65	SW Return	625 + 47.55 - 301 + 45.49	
548.31	NW Return	624 + 51.96 - 168 + 41.38	
1004.03	NE Return	168 + 41.88 - 627 + 56.25	
	IL Rte 136		
109.72	RT	166 + 06.02 - 168 + 41.38	
146.45	LT	166 + 06.03 - 168 + 41.88	
	US Rte 30		
1,948.02	LT	627 + 56.25 - 635 + 45.01	
<u>3,910</u>			

Z0040530 PIPE UNDERDRAIN REMOVAL

FOOT	LOCATION		OFFSET
16.00	NW Return	625 + 61.29 - 625 + 75.01	47.22' - 39.73'
	LT		
7.00	NE Return	625 + 90.67 - 625 + 96.71	31.09' - 27.91'
	LT		
41.00	NE Return	626 + 52.84 - 626 + 72.49	35.00' - 74.5'
	LT		
<u>64</u>			

Z0055100 RUMBLE RESURFACING

SQ YD	LOCATION		OFFSET
	IL Rte 136		
32.26	LT	163 + 06.41 - 163 + 31.41	
32.26	LT	164 + 32.22 - 164 + 57.22	
32.26	LT	166 + 32.22 - 166 + 57.22	
<u>97</u>			

BITUMINOUS SCHEDULE

LOCATION	REMARKS	31100910	40600837	40603085	40603310	40603540	44000159	44300200	48101200	48102100	48203019
		SUB-BASE GRANULAR MATERIAL TYPE A 12"	POLYMERIZED LEVELING BINDER (MACHINE METHOD) N70	HMA BINDER CSE. IL-19.0, N70	HMA SURFACE CSE. MIX "C", N50	POLYMERIZED HMA SURFACE CSE. MIX "D", N70	HMA SURFACE REMOVAL, 2 1/2"	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDERS, TYPE B	AGGREGATE WEDGE SHOULDER, TYPE B	HMA SHOULDERS, 5 1/2"
		SQ. YD	TON	TON	TON	TON	SQ. YD	FOOT	TON	TON	SQ. YD
SW Return	625+47.55 - 301+45.49	153.6	3.98	41.81	1.17	5.97			21.2		75.00
NW Return	624+51.96 - 168+41.38	548.3	32.27	95.78	1.66	48.40	424.23	205.46	25.9		106.67
NE Return	168+41.88 - 627+56.25	1004.0	50.97	445.38	1.39	76.45	223.55	127.15	29.9		89.56
IL 136 RT & LT	166+65.00 - 168+41.28	256.2	28.33	5.23	3.01	42.50	475.11	352.56	53.3		193.68
US 30 LT	627+56.25 - 635+45.01	1948.0	84.35	885.72	6.14	126.53			123.1		394.56
Sand Road	Good Neighbor Policy				70.00					50	
Total		3910.2	199.91	1473.92	83.37	299.86	1122.90	685.17	253.47	50.00	859.46

HORIZONTAL & VERTICAL CONTROL

Course from PT 1400 to PC 1410 97° 57' 06.7853" Dist 1,318.2857'

Curve Data

Curve 1410
Feature: 111
P.I. Station 106+72.7442 N 1,891,833.5488 E 2,305,368.5188
Delta = 0° 31' 40.4870" (RT)
Degree = 0° 03' 00.0000"
Tangent = 527.9168'
Length = 1,055.8261'
Radius = 114,591.5590'
External = 1.2160'
Long Chord = 1,055.8224'
Mid. Ord. = 1.2160'
P.C. Station 101+44.8274 N 1,891,906.5816 E 2,304,845.6782
P.T. Station 112+00.6535 N 1,891,755.7018 E 2,305,890.6644
C.C. N 1,778,416.8671 E 2,288,992.9150

Course from PT 1410 to PC 1420 98° 28' 47.2724" Dist 2,893.4400'

Curve Data

Curve 1420
Feature: 111
P.I. Station 145+25.2092 N 1,891,265.4606 E 2,309,178.8758
Delta = 1° 04' 39.9270" (LT)
Degree = 0° 07' 30.0000"
Tangent = 431.1157'
Length = 862.2060'
Radius = 45,836.6236'
External = 2.0274'
Long Chord = 862.1933'
Mid. Ord. = 2.0273'
P.C. Station 140+94.0935 N 1,891,329.0332 E 2,308,752.4731
P.T. Station 149+56.2995 N 1,891,209.9195 E 2,309,606.3988
C.C. N 1,936,664.5671 E 2,315,511.5728

Course from PT 1420 to PC 1430 97° 24' 07.3454" Dist 1,392.3629'

Curve Data

Curve 1430
Feature: 111
P.I. Station 164+93.3471 N 1,891,011.9003 E 2,311,130.6375
Delta = 1° 12' 20.3810" (LT)
Degree = 0° 25' 00.0000"
Tangent = 144.6847'
Length = 289.3587'
Radius = 13,750.9871'
External = 0.7611'
Long Chord = 289.3534'
Mid. Ord. = 0.7611'
P.C. Station 163+48.6624 N 1,891,030.5402 E 2,310,987.1585
P.T. Station 166+38.0211 N 1,890,996.2835 E 2,311,274.4770
C.C. N 1,904,666.9344 E 2,312,758.7107

Course from PT 1430 to PC 1360 96° 11' 46.9645" Dist 69.9956'

Curve Data

Curve 1360
Feature: 111
P.I. Station 168+55.9551 N 1,890,972.7605 E 2,311,491.1378
Delta = 60° 48' 22.6576" (RT)
Degree = 22° 43' 31.0974"
Tangent = 147.9385'
Length = 267.5709'
Radius = 252.1233'
External = 40.1984'
Long Chord = 255.1897'
Mid. Ord. = 34.6705'
P.C. Station 167+08.0167 N 1,890,988.7285 E 2,311,344.0636
P.T. Station 169+75.5876 N 1,890,836.5797 E 2,311,548.9356
C.C. N 1,890,738.0782 E 2,311,316.8503

Ending chain NEW136 description

Chain NEW136 contains:
1370 CUR 1380 CUR 1390 CUR 1400 CUR 1410 CUR 1420 CUR 1430 CUR 1360

Beginning chain NEW136 description
Feature: 111

Point 1370 N 1,893,214.7160 E 2,294,903.8849 Sta 0+00.0000

Course from 1370 to PC 1380 101° 42' 33.6683" Dist 1,663.4004'

Curve Data

Curve 1380
Feature: 111
P.I. Station 17+47.8893 N 1,892,859.9869 E 2,296,615.4001
Delta = 12° 05' 36.4882" (LT)
Degree = 7° 11' 00.6998"
Tangent = 84.4889'
Length = 168.3500'
Radius = 797.5995'
External = 4.4624'
Long Chord = 168.0377'
Mid. Ord. = 4.4376'
P.C. Station 16+63.4004 N 1,892,877.1337 E 2,296,532.6694
P.T. Station 18+31.7504 N 1,892,860.5533 E 2,296,699.8871
C.C. N 1,893,658.1349 E 2,296,694.5399

Course from PT 1380 to PC 1390 89° 36' 57.1801" Dist 4,414.1947'

Curve Data

Curve 1390
Feature: 111
P.I. Station 67+95.6903 N 1,892,893.8318 E 2,301,663.7154
Delta = 26° 58' 39.1961" (RT)
Degree = 2° 30' 00.0000"
Tangent = 549.7452'
Length = 1,079.1022'
Radius = 2,291.8312'
External = 65.0120'
Long Chord = 1,069.1617'
Mid. Ord. = 63.2187'
P.C. Station 62+45.9451 N 1,892,890.1463 E 2,301,113.9826
P.T. Station 73+25.0473 N 1,892,647.7347 E 2,302,155.3007
C.C. N 1,890,598.3666 E 2,301,129.3471

Course from PT 1390 to PC 1400 116° 35' 36.3762" Dist 755.8323'

Curve Data

Curve 1400
Feature: 111
P.I. Station 84+57.0347 N 1,892,140.9930 E 2,303,167.5300
Delta = 18° 38' 29.5908" (LT)
Degree = 2° 30' 00.0000"
Tangent = 376.1551'
Length = 745.6621'
Radius = 2,291.8312'
External = 30.6638'
Long Chord = 742.3776'
Mid. Ord. = 30.2589'
P.C. Station 80+80.8796 N 1,892,309.3813 E 2,302,831.1700
P.T. Station 88+26.5417 N 1,892,088.9551 E 2,303,540.0683
C.C. N 1,894,358.7494 E 2,303,857.1236

Chain PFROGPOND contains:
70200 CUR 70210 70201

Beginning chain PFROGPOND description
Feature: 111

Point 70200 N 1,890,836.5797 E 2,311,548.9356 Sta 300+00.0000

Course from 70200 to PC 70210 161° 11' 52.0747" Dist 21.8927'

Curve Data

Curve 70210
Feature: 111
P.I. Station 300+60.6489 N 1,890,779.1673 E 2,311,568.4828
Delta = 17° 47' 17.1266" (RT)
Degree = 23° 08' 05.4745"
Tangent = 38.7562'
Length = 76.8887'
Radius = 247.6600'
External = 3.0141'
Long Chord = 76.5803'
Mid. Ord. = 2.9779'
P.C. Station 300+21.8927 N 1,890,815.8553 E 2,311,555.9917
P.T. Station 300+98.7814 N 1,890,740.4172 E 2,311,569.1688
C.C. N 1,890,736.0339 E 2,311,321.5476

Course from PT 70210 to 70201 178° 59' 09.2012" Dist 92.6874'

Point 70201 N 1,890,647.7443 E 2,311,570.8092 Sta 301+91.4688

Ending chain PFROGPOND description

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca\ppl_work\PWIDOT\HENSONKE\j0128026\0261708-sh1-ATB.dgn		DRAWN -	REVISED -			309	(20-1M)	WHITESIDE	53	14	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F37					
PLOT DATE = Tue Dec 01 11:54:33 2009		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
SCALE: SHEET NO. OF SHEETS STA. TO STA.											

HORIZONTAL & VERTICAL CONTROL

Chain US30 contains:
 1792 CUR 250 CUR 260 CUR 270 CUR 280 CUR 290 CUR 300 CUR 310 CUR 320 CUR 330 C-
 UR 340 CUR 350 CUR 360 CUR 01800200 CUR 01800210 CUR 01800220 CUR 01800230 A018-
 240 A018250 A018380 CUR 01800260 CUR 01800270 CUR 01800280 A018290 A018300 CUR -
 01800310 CUR 01800320 CUR 01800330 CUR 01800340 CUR 370 CUR 380 CUR 390 CUR 120-
 0 CUR 1210 CUR 1220 CUR 1230 CUR 1240 CUR 1250 CUR 1260 CUR 1270 1802

Beginning chain US30 description
 =====

Point 1792 N 1,884,202.7500 E 2,297,026.3525 Sta 466+33.3103

Course from 1792 to PC 250 60° 07' 56.5221" Dist 2,948.5049'

Curve Data

Curve 250

Feature: 111
 P.I. Station 502+29.1265 N 1,885,993.4591 E 2,300,144.5659
 Delta = 6° 14' 09.9215" (RT)
 Degree = 0° 28' 55.8039"
 Tangent = 647.3113'
 Length = 1,293.3443'
 Radius = 11,882.9554'
 External = 17.6177'
 Long Chord = 1,292.7060'
 Mid. Ord. = 17.5917'
 P.C. Station 495+81.8152 N 1,885,671.0994 E 2,299,583.2316
 P.T. Station 508+75.1595 N 1,886,252.9361 E 2,300,737.5951
 C.C. N 1,875,366.4593 E 2,305,500.9189

Course from PT 250 to PC 260 66° 22' 06.4437" Dist 10,510.3633'

Curve Data

Curve 260

Feature: 111
 P.I. Station 625+97.6707 N 1,890,951.9453 E 2,311,477.0821
 Delta = 23° 58' 49.4500" (RT)
 Degree = 1° 00' 13.9212"
 Tangent = 1,212.1479'
 Length = 2,388.8028'
 Radius = 5,707.5070'
 External = 127.2971'
 Long Chord = 2,371.4053'
 Mid. Ord. = 124.5199'
 P.C. Station 613+85.5228 N 1,890,466.0516 E 2,310,366.5823
 P.T. Station 637+74.3256 N 1,890,944.5649 E 2,312,689.2076
 C.C. N 1,885,237.1637 E 2,312,654.4562

Course from PT 260 to PC 270 90° 20' 55.8936" Dist 3,706.9213'

Curve Data

Curve 270

Feature: 111
 P.I. Station 680+89.9285 N 1,890,918.2884 E 2,317,004.7305
 Delta = 22° 53' 11.5916" (LT)
 Degree = 1° 54' 19.4866"
 Tangent = 608.6816'
 Length = 1,201.1335'
 Radius = 3,007.0007'
 External = 60.9867'
 Long Chord = 1,193.1640'
 Mid. Ord. = 59.7744'
 P.C. Station 674+81.2469 N 1,890,921.9945 E 2,316,396.0602
 P.T. Station 686+82.3804 N 1,891,151.5907 E 2,317,566.9257
 C.C. N 1,893,928.9394 E 2,316,414.3689

Course from PT 270 to PC 280 67° 27' 44.3020" Dist 1,245.2303'

Curve Data

Curve 280

Feature: 111
 P.I. Station 708+50.4420 N 1,891,982.5896 E 2,319,569.4072
 Delta = 65° 33' 22.1162" (RT)
 Degree = 3° 59' 52.3264"
 Tangent = 922.8313'
 Length = 1,639.7774'
 Radius = 1,433.1582'
 External = 271.4121'
 Long Chord = 1,551.7849'
 Mid. Ord. = 228.1962'
 P.C. Station 699+27.6107 N 1,891,628.8765 E 2,318,717.0547
 P.T. Station 715+67.3881 N 1,891,353.0028 E 2,320,244.1206
 C.C. N 1,890,305.1721 E 2,319,266.3716

Course from PT 280 to PC 290 133° 01' 06.4183" Dist 1,438.2907'

Curve Data

Curve 290

Feature: 111
 P.I. Station 735+04.4632 N 1,890,031.4646 E 2,321,660.3822
 Delta = 3° 01' 09.9092" (LT)
 Degree = 0° 18' 09.8921"
 Tangent = 498.7845'
 Length = 997.3381'
 Radius = 18,925.2500'
 External = 6.5717'
 Long Chord = 997.2227'
 Mid. Ord. = 6.5694'
 P.C. Station 730+05.6788 N 1,890,371.7523 E 2,321,295.7038
 P.T. Station 740+03.0168 N 1,889,710.8586 E 2,322,042.4787
 C.C. N 1,904,208.6471 E 2,334,207.1495

Course from PT 290 to PC 300 129° 59' 56.5091" Dist 3,029.1371'

Curve Data

Curve 300

Feature: 111
 P.I. Station 773+13.8231 N 1,887,582.7563 E 2,324,578.7394
 Delta = 0° 15' 34.3677" (RT)
 Degree = 0° 02' 45.8629"
 Tangent = 281.6691'
 Length = 563.3372'
 Radius = 124,358.5845'
 External = 0.3190'
 Long Chord = 563.3367'
 Mid. Ord. = 0.3190'
 P.C. Station 770+32.1540 N 1,887,763.8061 E 2,324,362.9653
 P.T. Station 775+95.4912 N 1,887,400.7310 E 2,324,793.6912
 C.C. N 1,792,498.2506 E 2,244,428.4203

Course from PT 300 to PC 310 130° 15' 30.8767" Dist 3,125.1183'

Curve Data

Curve 310

Feature: 111
 P.I. Station 812+24.3652 N 1,885,055.6139 E 2,327,563.0146
 Delta = 9° 54' 51.1758" (LT)
 Degree = 0° 59' 11.3742"
 Tangent = 503.7557'
 Length = 1,004.9962'
 Radius = 5,808.0280'
 External = 21.8055'
 Long Chord = 1,003.7429'
 Mid. Ord. = 21.7240'
 P.C. Station 807+20.6095 N 1,885,381.1601 E 2,327,178.5806
 P.T. Station 817+25.6057 N 1,884,801.1186 E 2,327,997.7581
 C.C. N 1,889,813.4738 E 2,330,931.9503

Course from PT 310 to PC 320 120° 20' 39.7010" Dist 683.4727'

Curve Data

Curve 320

Feature: 111
 P.I. Station 828+90.8811 N 1,884,212.4262 E 2,329,003.3961
 Delta = 0° 40' 36.5715" (RT)
 Degree = 0° 04' 12.8628"
 Tangent = 481.8026'
 Length = 963.5941'
 Radius = 81,571.8114'
 External = 1.4229'
 Long Chord = 963.5885'
 Mid. Ord. = 1.4228'
 P.C. Station 824+09.0785 N 1,884,455.8309 E 2,328,587.5982
 P.T. Station 833+72.6725 N 1,883,964.1268 E 2,329,416.2898
 C.C. N 1,814,058.9776 E 2,287,377.8488

Course from PT 320 to PC 330 121° 01' 16.2725" Dist 1,155.4844'

Curve Data

Curve 330

Feature: 111
 P.I. Station 866+73.8467 N 1,882,262.8501 E 2,332,245.3195
 Delta = 25° 11' 37.0564" (LT)
 Degree = 0° 35' 48.1950"
 Tangent = 2,145.6898'
 Length = 4,222.0122'
 Radius = 9,601.7728'
 External = 236.8260'
 Long Chord = 4,188.0813'
 Mid. Ord. = 231.1253'
 P.C. Station 845+28.1569 N 1,883,368.6421 E 2,330,406.5131
 P.T. Station 887+50.1691 N 1,882,044.9879 E 2,334,379.9203
 C.C. N 1,891,597.1386 E 2,335,354.8348

Course from PT 330 to PC 340 95° 49' 39.2161" Dist 1,735.4179'

Curve Data

Curve 340

Feature: 111
 P.I. Station 916+41.0167 N 1,881,751.4662 E 2,337,255.8279
 Delta = 13° 08' 26.4326" (RT)
 Degree = 0° 34' 16.1569"
 Tangent = 1,155.4296'
 Length = 2,300.7210'
 Radius = 10,031.5696'
 External = 66.3216'
 Long Chord = 2,295.6818'
 Mid. Ord. = 65.8860'
 P.C. Station 904+85.5871 N 1,881,868.7825 E 2,336,106.3696
 P.T. Station 927+86.3080 N 1,881,375.9008 E 2,338,348.5165
 C.C. N 1,871,889.0563 E 2,335,087.8158

Course from PT 340 to PC 350 108° 58' 05.6486" Dist 1,028.6375'

Curve Data

Curve 350

Feature: 111
 P.I. Station 949+83.6786 N 1,880,661.6589 E 2,340,426.5674
 Delta = 12° 21' 19.4856" (RT)
 Degree = 0° 31' 50.3017"
 Tangent = 1,168.7331'
 Length = 2,328.4011'
 Radius = 10,797.4988'
 External = 63.0683'
 Long Chord = 2,323.8922'
 Mid. Ord. = 62.7020'
 P.C. Station 938+14.9455 N 1,881,041.5484 E 2,339,321.2979
 P.T. Station 961+43.3466 N 1,880,054.0676 E 2,341,424.9510
 C.C. N 1,870,830.3654 E 2,335,811.6365

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd\pwwork\PWIDOT\HENSONKE\0128826\0281708-shs-ATB.dgn		DRAWN -	REVISED -			309	(20-1)M	WHITESIDE	53	15	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F37					
PLOT DATE = Tue Dec 01 11:54:33 2009		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

HORIZONTAL & VERTICAL CONTROL

Course from PT 350 to PC 360 121° 19' 25.1342" Dist 1,861.7681'

Curve Data

Curve 360
Feature: 111
P.I. Station 984+47.4307 N 1,878,856.2393 E 2,343,393.2018
Delta = 0° 41' 46.0934" (RT)
Degree = 0° 04' 43.2957"
Tangent = 442.3160'
Length = 884.6211'
Radius = 72,809.0223'
External = 1.3435'
Long Chord = 884.6157'
Mid. Ord. = 1.3435'
P.C. Station 980+05.1147 N 1,879,086.1869 E 2,343,015.3559
P.T. Station 988+89.7358 N 1,878,621.7181 E 2,343,768.2261
C.C. N 1,816,889.4925 E 2,305,164.0029

Course from PT 360 to PC 01800200 122° 01' 11.2276" Dist 3,180.6561'

Curve Data

Curve 01800200
Feature: 111
P.I. Station 1026+28.5634 N 1,876,639.3465 E 2,346,938.2473
Delta = 32° 08' 42.2335" (RT)
Degree = 2° 57' 26.9385"
Tangent = 558.1715'
Length = 1,086.9062'
Radius = 1,937.3157'
External = 78.8062'
Long Chord = 1,072.7073'
Mid. Ord. = 75.7258'
P.C. Station 1020+70.3919 N 1,876,935.2958 E 2,346,464.9933
P.T. Station 1031+57.2981 N 1,876,136.9634 E 2,347,181.4891
C.C. N 1,875,292.7135 E 2,345,437.8051

Course from PT 01800200 to PC 01800210 154° 09' 53.4611" Dist 298.0943'

Curve Data

Curve 01800210
Feature: 111
P.I. Station 1035+48.9395 N 1,875,784.4660 E 2,347,352.1599
Delta = 6° 47' 54.7018" (LT)
Degree = 3° 38' 16.8567"
Tangent = 93.5471'
Length = 186.8746'
Radius = 1,574.9184'
External = 2.7758'
Long Chord = 186.7650'
Mid. Ord. = 2.7709'
P.C. Station 1034+55.3924 N 1,875,868.6632 E 2,347,311.3937
P.T. Station 1036+42.2670 N 1,875,705.6866 E 2,347,402.6067
C.C. N 1,876,554.9864 E 2,348,728.9015

Course from PT 01800210 to PC 01800220 147° 21' 58.7593" Dist 240.8917'

Curve Data

Curve 01800220
Feature: 111
P.I. Station 1040+61.8787 N 1,875,352.3167 E 2,347,628.8890
Delta = 5° 54' 27.2383" (LT)
Degree = 1° 39' 15.1527"
Tangent = 178.7200'
Length = 357.1233'
Radius = 3,463.6359'
External = 4.6078'
Long Chord = 356.9651'
Mid. Ord. = 4.6017'
P.C. Station 1038+83.1587 N 1,875,502.8232 E 2,347,532.5114
P.T. Station 1042+40.2820 N 1,875,212.5291 E 2,347,740.2454
C.C. N 1,877,370.6438 E 2,350,449.3623

Course from PT 01800220 to PC 01800230 141° 27' 31.5210" Dist 560.0851'

Curve Data

Curve 01800230
Feature: 111
P.I. Station 1048+95.2823 N 1,874,700.2142 E 2,348,148.3616
Delta = 21° 51' 40.9566" (LT)
Degree = 11° 39' 28.9586"
Tangent = 94.9152'
Length = 187.5218'
Radius = 491.4699'
External = 9.0814'
Long Chord = 186.3864'
Mid. Ord. = 8.9166'
P.C. Station 1048+00.3671 N 1,874,774.4530 E 2,348,089.2220
P.T. Station 1049+87.8889 N 1,874,653.3353 E 2,348,230.8920
C.C. N 1,875,080.6770 E 2,348,473.6301

Course from PT 01800230 to A018240 119° 35' 50.5644" Dist 700.4148'

Point A018240 N 1,874,307.3990 E 2,348,839.9150 Sta 1056+88.3037

Course from A018240 to A018250 113° 04' 45.4789" Dist 287.7746'

Point A018250 N 1,874,194.5900 E 2,349,104.6570 Sta 1059+76.0783

Course from A018250 to A018380 111° 31' 40.1283" Dist 812.8756'

Point A018380 N 1,873,896.3030 E 2,349,860.8260 Sta 1067+88.9539

Course from A018380 to PC 01800260 113° 35' 57.3543" Dist 543.6410'

Curve Data

Curve 01800260
Feature: 111
P.I. Station 1074+24.7766 N 1,873,641.7594 E 2,350,443.4736
Delta = 13° 09' 04.8671" (RT)
Degree = 7° 09' 53.5067"
Tangent = 92.1818'
Length = 183.5534'
Radius = 799.6773'
External = 5.2955'
Long Chord = 183.1508'
Mid. Ord. = 5.2607'
P.C. Station 1073+32.5949 N 1,873,678.6632 E 2,350,359.0011
P.T. Station 1075+16.1483 N 1,873,586.6040 E 2,350,517.3340
C.C. N 1,872,945.8647 E 2,350,038.8605

Curve Data

Curve 01800270
Feature: 111
P.I. Station 1076+10.2886 N 1,873,530.2767 E 2,350,592.7636
Delta = 13° 01' 27.4765" (LT)
Degree = 6° 56' 50.7765"
Tangent = 94.1403'
Length = 187.4691'
Radius = 824.7037'
External = 5.3557'
Long Chord = 187.0657'
Mid. Ord. = 5.3211'
P.C. Station 1075+16.1483 N 1,873,586.6040 E 2,350,517.3340
P.T. Station 1077+03.6174 N 1,873,492.3977 E 2,350,678.9470
C.C. N 1,874,247.3957 E 2,351,010.7816

Course from PT 01800270 to PC 01800280 113° 43' 34.7448" Dist 1,691.1400'

Curve Data

Curve 01800280
Feature: 111
P.I. Station 1094+18.1974 N 1,872,802.5050 E 2,352,248.6070
Delta = 9° 26' 00.9630" (LT)
Degree = 20° 10' 06.4240"
Tangent = 23.4400'
Length = 46.7740'
Radius = 284.0862'
External = 0.9654'
Long Chord = 46.7212'
Mid. Ord. = 0.9621'
P.C. Station 1093+94.7574 N 1,872,811.9365 E 2,352,227.1482
P.T. Station 1094+41.5314 N 1,872,796.7182 E 2,352,271.3215
C.C. N 1,873,072.0111 E 2,352,341.4555

Course from PT 01800280 to A018290 104° 17' 33.7818" Dist 1,404.2615'

Point A018290 N 1,872,450.0400 E 2,353,632.1170 Sta 1108+45.7929

Course from A018290 to A018300 104° 36' 47.9168" Dist 703.6548'

Point A018300 N 1,872,272.5120 E 2,354,313.0090 Sta 1115+49.4477

Course from A018300 to PC 01800310 104° 23' 41.7310" Dist 771.0512'

Curve Data

Curve 01800310
Feature: 111
P.I. Station 1127+20.4989 N 1,871,981.3839 E 2,355,447.2953
Delta = 1° 03' 02.2896" (LT)
Degree = 0° 07' 52.7995"
Tangent = 400.0000'
Length = 799.9776'
Radius = 43,626.2787'
External = 1.8337'
Long Chord = 799.9664'
Mid. Ord. = 1.8336'
P.C. Station 1123+20.4989 N 1,872,080.8255 E 2,355,059.8532
P.T. Station 1131+20.4765 N 1,871,889.0631 E 2,355,836.4956
C.C. N 1,914,337.4652 E 2,365,905.5249

Course from PT 01800310 to PC 01800320 103° 20' 39.4414" Dist 53.4609'

Curve Data

Curve 01800320
Feature: 111
P.I. Station 1135+73.9374 N 1,871,784.4034 E 2,356,277.7134
Delta = 0° 28' 00.7836" (RT)
Degree = 0° 03' 30.0991"
Tangent = 400.0000'
Length = 799.9956'
Radius = 98,174.9998'
External = 0.8149'
Long Chord = 799.9934'
Mid. Ord. = 0.8149'
P.C. Station 1131+73.9374 N 1,871,876.7242 E 2,355,888.5131
P.T. Station 1139+73.9330 N 1,871,688.9143 E 2,356,666.1485
C.C. N 1,776,352.3752 E 2,333,229.5337

FILE NAME =	USER NAME = hansonke	DESIGNED -	REVISED -	STATE OF ILLINOIS	HORIZONTAL & VERTICAL CONTROL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\DOT\HENSONKE\1128026\1128026\1789-shr-ATB.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION				309	(20-11M)	WHITESIDE	53	16
		CHECKED -	REVISED -				CONTRACT NO. 64F37					
		DATE -	REVISED -				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

HORIZONTAL & VERTICAL CONTROL

Course from PT 01800320 to PC 01800330 103° 48' 40.2250" Dist 805.7940'

Curve Data

Curve 01800330
Feature: 111
P.I. Station 1151+79.7270 N 1,871,401.0637 E 2,357,837.0803
Delta = 0° 13' 48.5163" (RT)
Degree = 0° 01' 43.5647"
Tangent = 400.0000'
Length = 799.9989'
Radius = 199,165.2024'
External = 0.4017'
Long Chord = 799.9984'
Mid. Ord. = 0.4017'
P.C. Station 1147+79.7270 N 1,871,496.5529 E 2,357,448.6452
P.T. Station 1155+79.7260 N 1,871,304.0151 E 2,358,225.1287
C.C. N 1,678,089.6658 E 2,309,903.3624

Course from PT 01800330 to PC 01800340 104° 02' 28.7413" Dist 1,591.8617'

Curve Data

Curve 01800340
Feature: 111
P.I. Station 1176+71.5877 N 1,870,796.4844 E 2,360,254.4878
Delta = 0° 50' 57.5647" (RT)
Degree = 0° 05' 05.7621"
Tangent = 500.0000'
Length = 999.9817'
Radius = 67,459.2530'
External = 1.8529'
Long Chord = 999.9725'
Mid. Ord. = 1.8529'
P.C. Station 1171+71.5877 N 1,870,917.7952 E 2,359,769.4273
P.T. Station 1181+71.5694 N 1,870,667.9970 E 2,360,737.6968
C.C. N 1,805,474.1559 E 2,343,402.3600

Course from PT 01800340 to PC 370 104° 53' 26.3060" Dist 2,977.0783'

Curve Data

Curve 370
Feature: 111
P.I. Station 1216+32.8079 N 1,869,778.5454 E 2,364,082.7003
Delta = 0° 36' 47.6564" (LT)
Degree = 0° 03' 47.9904"
Tangent = 484.1603'
Length = 968.3113'
Radius = 90,470.8481'
External = 1.2955'
Long Chord = 968.3067'
Mid. Ord. = 1.2955'
P.C. Station 1211+48.6476 N 1,869,902.9625 E 2,363,614.7990
P.T. Station 1221+16.9589 N 1,869,659.1434 E 2,364,551.9063
C.C. N 1,957,335.6249 E 2,386,863.5388

Course from PT 370 to PC 380 104° 16' 38.6496" Dist 1,187.5251'

Curve Data

Curve 380
Feature: 111
P.I. Station 1239+80.1924 N 1,869,199.6387 E 2,366,357.5902
Delta = 2° 18' 04.8204" (RT)
Degree = 0° 10' 13.1295"
Tangent = 675.7084'
Length = 1,351.2350'
Radius = 33,641.3130'
External = 6.7853'
Long Chord = 1,351.1442'
Mid. Ord. = 6.7840'
P.C. Station 1233+04.4841 N 1,869,366.2797 E 2,365,702.7524
P.T. Station 1246+55.7191 N 1,869,006.8369 E 2,367,005.2084
C.C. N 1,836,764.0435 E 2,357,406.2389

Course from PT 380 to PC 390 106° 34' 43.4700" Dist 2,167.7319'

Curve Data

Curve 390
Feature: 111
P.I. Station 1273+65.2953 N 1,868,233.7060 E 2,369,602.1435
Delta = 3° 11' 12.9247" (LT)
Degree = 0° 17' 38.9651"
Tangent = 541.8443'
Length = 1,083.4091'
Radius = 19,477.9604'
External = 7.5351'
Long Chord = 1,083.2695'
Mid. Ord. = 7.5322'
P.C. Station 1268+23.4510 N 1,868,388.3119 E 2,369,082.8245
P.T. Station 1279+06.8602 N 1,868,108.2100 E 2,370,129.2544
C.C. N 1,887,056.5444 E 2,374,640.5251

Course from PT 390 to PC 1200 103° 23' 30.5453" Dist 1,004.6242'

Curve Data

Curve 1200
Feature: 111
P.I. Station 1296+57.7846 N 1,867,702.6802 E 2,371,832.5694
Delta = 2° 30' 40.9990" (RT)
Degree = 0° 10' 05.8183"
Tangent = 746.3002'
Length = 1,492.3614'
Radius = 34,047.3042'
External = 8.1783'
Long Chord = 1,492.2420'
Mid. Ord. = 8.1763'
P.C. Station 1289+11.4843 N 1,867,875.5300 E 2,371,106.5618
P.T. Station 1304+03.8458 N 1,867,498.1842 E 2,372,550.3057
C.C. N 1,834,754.0073 E 2,363,220.9002

Course from PT 1200 to PC 1210 105° 54' 11.5443" Dist 1,685.9537'

Curve Data

Curve 1210
Feature: 111
P.I. Station 1325+59.1148 N 1,866,907.6123 E 2,374,623.0839
Delta = 0° 44' 30.2175" (LT)
Degree = 0° 04' 44.4841"
Tangent = 469.3153'
Length = 938.6175'
Radius = 72,504.8673'
External = 1.5189'
Long Chord = 938.6110'
Mid. Ord. = 1.5189'
P.C. Station 1320+89.7995 N 1,867,036.2109 E 2,374,171.7311
P.T. Station 1330+28.4170 N 1,866,784.8675 E 2,375,076.0635
C.C. N 1,936,766.0251 E 2,394,039.0106

Course from PT 1210 to PC 1220 105° 09' 41.3269" Dist 1,124.5723'

Curve Data

Curve 1220
Feature: 111
P.I. Station 1350+92.4006 N 1,866,245.0525 E 2,377,068.2051
Delta = 9° 17' 40.7578" (LT)
Degree = 0° 29' 44.8587"
Tangent = 939.4114'
Length = 1,874.7007'
Radius = 11,556.3661'
External = 38.1193'
Long Chord = 1,872.6457'
Mid. Ord. = 37.9940'
P.C. Station 1341+52.9893 N 1,866,490.7464 E 2,376,161.4923
P.T. Station 1360+27.6899 N 1,866,149.0291 E 2,378,002.6960
C.C. N 1,877,644.8649 E 2,379,183.9481

Course from PT 1220 to PC 1230 95° 52' 00.5691" Dist 3,304.1083'

Curve Data

Curve 1230
Feature: 111
P.I. Station 1405+52.3850 N 1,865,686.5303 E 2,382,503.6915
Delta = 12° 12' 25.9655" (LT)
Degree = 0° 30' 07.0391"
Tangent = 1,220.5867'
Length = 2,431.9321'
Radius = 11,414.5179'
External = 65.0749'
Long Chord = 2,427.3351'
Mid. Ord. = 64.7060'
P.C. Station 1393+31.7982 N 1,865,811.2945 E 2,381,289.4980
P.T. Station 1417+63.7304 N 1,865,821.3257 E 2,383,716.8123
C.C. N 1,877,166.0250 E 2,382,456.2508

Course from PT 1230 to PC 1240 83° 39' 34.6035" Dist 5,723.4277'

Curve Data

Curve 1240
Feature: 111
P.I. Station 1483+63.1704 N 1,866,550.1344 E 2,390,275.8860
Delta = 5° 46' 04.4054" (RT)
Degree = 0° 19' 46.1681"
Tangent = 876.0124'
Length = 1,750.5449'
Radius = 17,389.1709'
External = 22.0514'
Long Chord = 1,749.8058'
Mid. Ord. = 22.0235'
P.C. Station 1474+87.1581 N 1,866,453.3920 E 2,389,405.2318
P.T. Station 1492+37.7029 N 1,866,558.8873 E 2,391,151.8546
C.C. N 1,849,170.5844 E 2,391,325.6037

Course from PT 1240 to PC 1250 89° 25' 39.0090" Dist 3,989.6068'

Curve Data

Curve 1250
Feature: 111
P.I. Station 1544+65.3062 N 1,866,611.1205 E 2,396,379.1969
Delta = 53° 25' 19.0606" (RT)
Degree = 2° 19' 43.7014"
Tangent = 1,237.9964'
Length = 2,293.9636'
Radius = 2,460.3072'
External = 293.9162'
Long Chord = 2,211.7679'
Mid. Ord. = 262.5510'
P.C. Station 1532+27.3097 N 1,866,598.7507 E 2,395,141.2622
P.T. Station 1555+21.2734 N 1,865,624.3735 E 2,397,126.8368
C.C. N 1,864,138.5663 E 2,395,165.8451

Course from PT 1250 to PC 1260 142° 50' 56.6418" Dist 5,049.5084'

Curve Data

Curve 1260
Feature: 111
P.I. Station 1607+43.9637 N 1,861,461.6416 E 2,400,280.9068
Delta = 8° 09' 38.2937" (RT)
Degree = 2° 21' 36.2850"
Tangent = 173.1819'
Length = 345.7781'
Radius = 2,427.7058'
External = 6.1692'
Long Chord = 345.4859'
Mid. Ord. = 6.1535'
P.C. Station 1605+70.7818 N 1,861,599.6759 E 2,400,176.3196
P.T. Station 1609+16.5599 N 1,861,310.1589 E 2,400,364.8412
C.C. N 1,860,133.5463 E 2,398,241.3210

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\PWIDOT\HENSONKE\d0128026\0221788-sh1-ATB.dgn		DRAWN -	REVISED -			309	(20-1)M	WHITESIDE	53	17	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F37					
PLOT DATE = Tue Dec 01 11:54:34 2009		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

HORIZONTAL & VERTICAL CONTROL

Course from PT 1260 to PC 1270 151° 00' 35.2167" Dist 275.8749'

Curve Data

Curve 1270
 Feature: 111
 P.I. Station 1613+61.4560 N 1,860,921.0073 E 2,400,580.4647
 Delta = 8° 09' 49.5285" (LT)
 Degree = 2° 25' 08.7781"
 Tangent = 169.0211'
 Length = 337.4702'
 Radius = 2,368.4701'
 External = 6.0233'
 Long Chord = 337.1848'
 Mid. Ord. = 6.0080'
 P.C. Station 1611+92.4348 N 1,861,068.8505 E 2,400,498.5469
 P.T. Station 1615+29.9050 N 1,860,786.2948 E 2,400,682.5465
 C.C. N 1,862,216.7539 E 2,402,570.2535

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
PFROGPOND	70210	70210	70211	70212	70213

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
US30	250	250	251	252	253
US30	260	260	261	262	263
US30	270	270	271	272	273
US30	280	280	281	282	283
US30	290	290	291	292	293
US30	300	300	301	302	303
US30	310	310	311	312	313
US30	320	320	321	322	323
US30	330	330	331	332	333
US30	340	340	341	342	343
US30	350	350	351	352	353
US30	360	360	361	362	363
US30	01800200	1800200	1800201	1800202	1800203
US30	01800210	1800210	1800211	1800212	1800213
US30	01800220	1800220	1800221	1800222	1800223
US30	01800230	1800230	1800231	1800232	1800233
US30	01800260	1800260	1800261	1800262	1800263
US30	01800270	1800270	1800271	1800272	1800273
US30	01800280	1800280	1800281	1800282	1800283
US30	01800310	1800310	1800311	1800312	1800313
US30	01800320	1800320	1800321	1800322	1800323
US30	01800330	1800330	1800331	1800332	1800333
US30	01800340	1800340	1800341	1800342	1800343
US30	370	370	371	372	373
US30	380	380	381	382	383
US30	390	390	391	392	393
US30	1200	1200	1201	1202	1203
US30	1210	1210	1211	1212	1213
US30	1220	1220	1221	1222	1223
US30	1230	1230	1231	1232	1233
US30	1240	1240	1241	1242	1243
US30	1250	1250	1251	1252	1253
US30	1260	1260	1261	1262	1263
US30	1270	1270	1271	1272	1273

Course from PT 1270 to 1802 142° 50' 45.6882" Dist 1,153.9706'

Point 1802 N 1,859,866.5626 E 2,401,379.4976 Sta 1626+83.8756

Ending chain US30 description

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
90719	1890429.2348	2310152.0189	581.8868	US30	611+74.1941	52.2791' LT	PHOTO CONTROL H. & V., PIN
90723	1890883.5565	2311456.0943	585.7004	US30	625+45.9529	64.6523' LT	PHOTO CONTROL H. & V., PIN

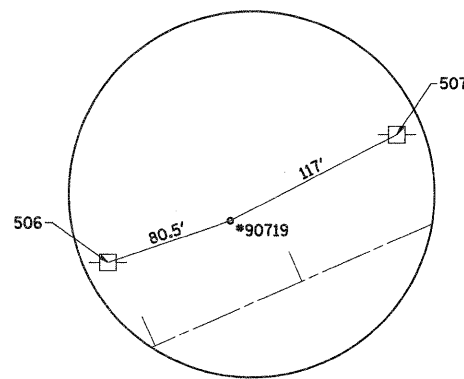
SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1890907.1577	2312242.0441	586.9122	US30	633+25.1631	22.5342' RT	TOPO SURVEY POINT, PIN
101	1890902.1042	2311665.4978	586.1782	US30	627+53.1255	43.1095' LT	TOPO SURVEY POINT, NAIL

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
423	1890911.6321	2311463.2352	586.2805	US30	625+58.5667	90.6478' LT	HEADWALL, CHISELED SQUARE

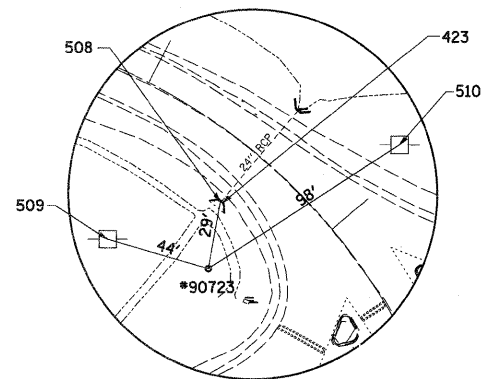
REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
506	US30	610+93.9792	59.1975' LT	POWER POLE, SHINER
507	US30	612+90.7831	59.4747' LT	POWER POLE, SHINER
508	US30	625+57.5641	91.2759' LT	PIPE CULVERT, RCP
509	US30	625+08.2759	86.0193' LT	POWER POLE, SHINER
510	US30	626+35.5612	99.9754' LT	POWER POLE, SHINER

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
NEW136	1380	1380	1381	1382	1383
NEW136	1390	1390	1391	1392	1393
NEW136	1400	1400	1401	1402	1403
NEW136	1410	1410	1411	1412	1413
NEW136	1420	1420	1421	1422	1423
NEW136	1430	1430	1431	1432	1433
NEW136	1360	1360	1361	1362	1363

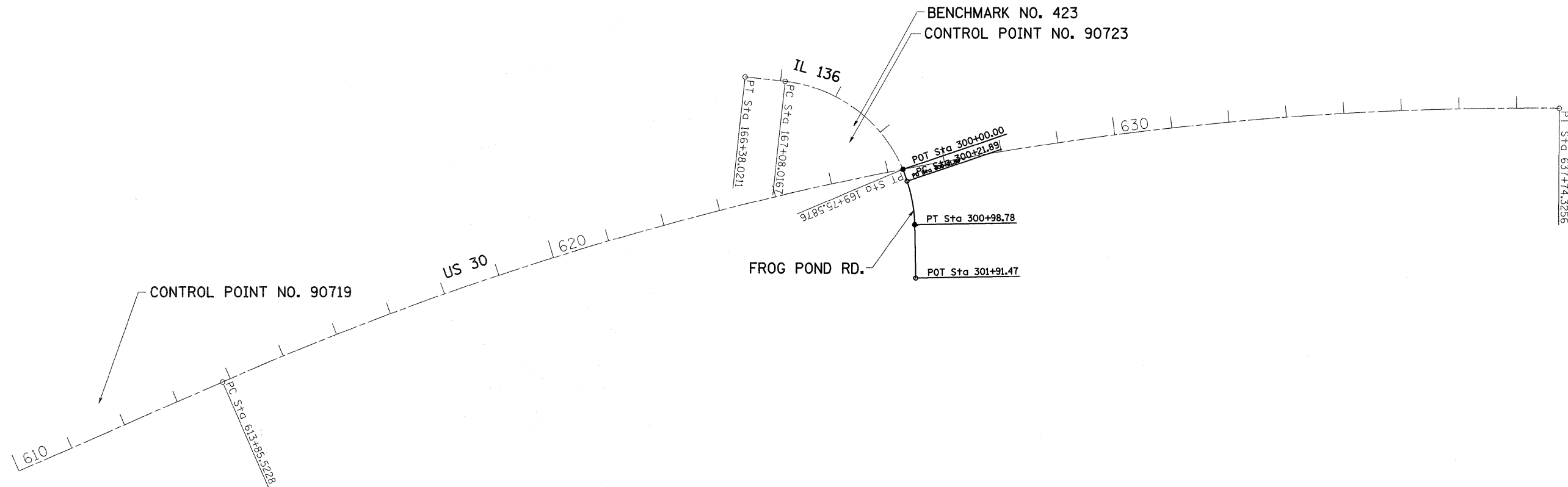
HORIZONTAL & VERTICAL CONTROL



HORIZONTAL CONTROL
POINT NO. 90719



HORIZONTAL CONTROL
POINT NO. 90723



FILE NAME = c:\pwwork\pwwid\HENSONKE\d0128026\0281788-sh1-ATB.dgn	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL & VERTICAL CONTROL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -					309	(20-1M)	WHITESIDE	53	19
	PLOT DATE = Tue Dec 01 11:54:35 2009	DATE -	REVISED -					CONTRACT NO. 64F37				
								SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

INFORMATION ONLY

NE RETURN X-SECTIONS

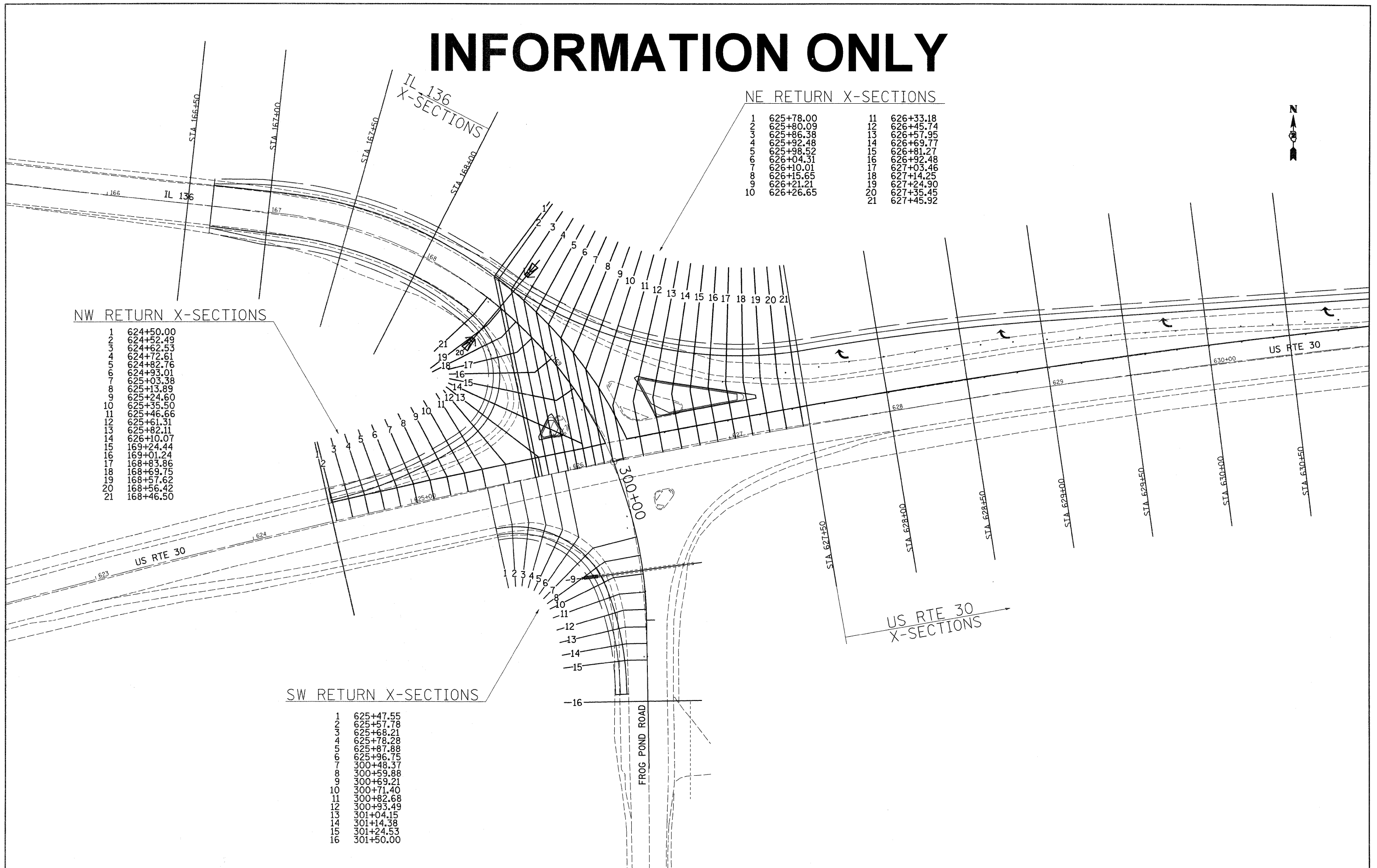
1	625+78.00	11	626+33.18
2	625+80.09	12	626+45.74
3	625+86.38	13	626+57.95
4	625+92.48	14	626+69.77
5	625+98.52	15	626+81.27
6	626+04.31	16	626+92.48
7	626+10.01	17	627+03.46
8	626+15.65	18	627+14.25
9	626+21.21	19	627+24.90
10	626+26.65	20	627+35.45
		21	627+45.92

NW RETURN X-SECTIONS

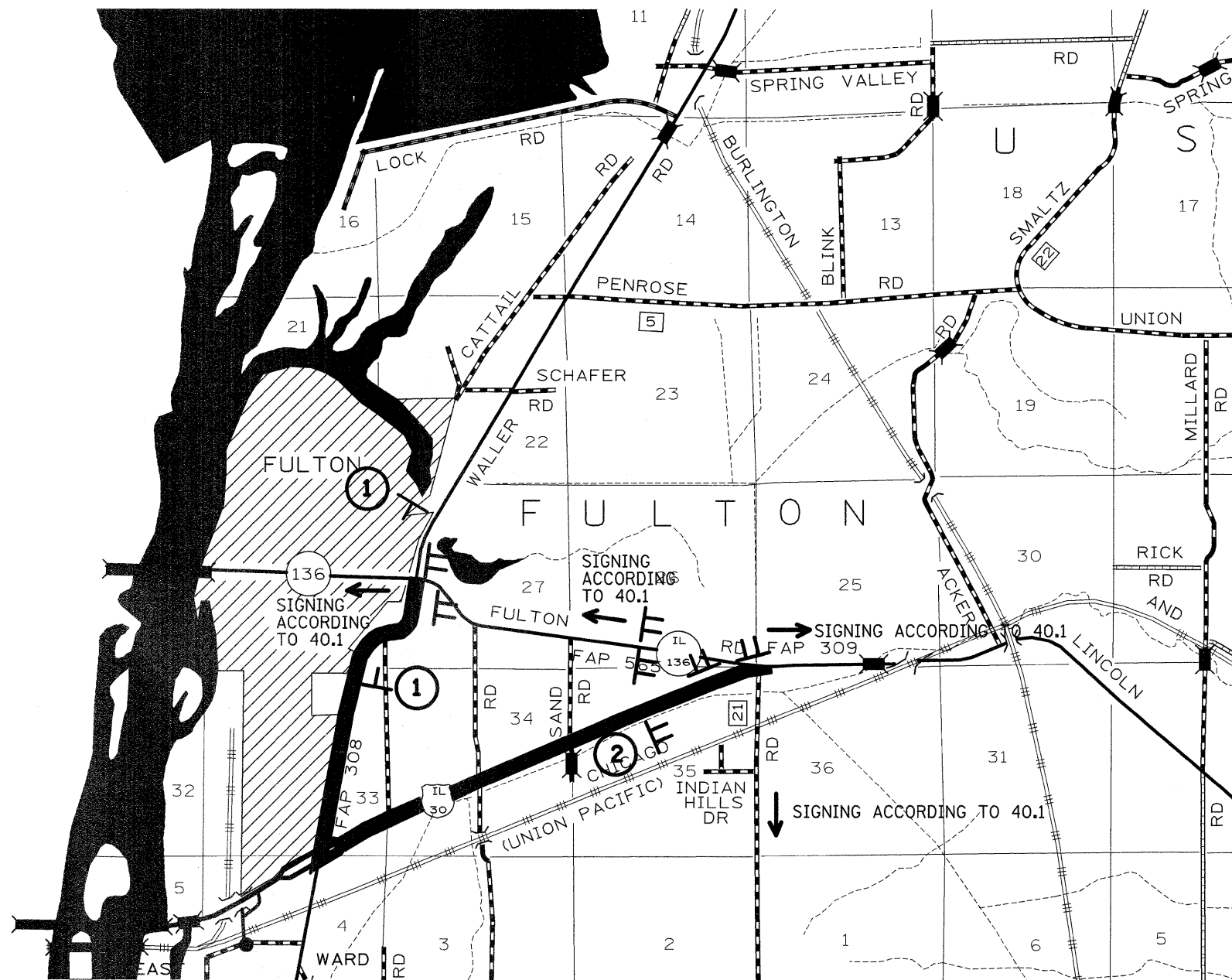
1	624+50.00
2	624+52.49
3	624+62.53
4	624+72.61
5	624+82.76
6	624+93.01
7	625+03.38
8	625+13.89
9	625+24.60
10	625+35.50
11	625+46.66
12	625+61.31
13	625+82.11
14	626+10.07
15	169+24.44
16	169+01.24
17	168+83.86
18	168+69.75
19	168+57.62
20	168+56.42
21	168+46.50




SW RETURN X-SECTIONS

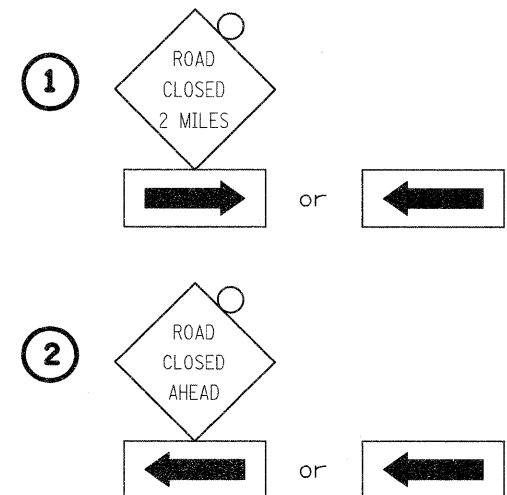
1	625+47.55
2	625+57.78
3	625+68.21
4	625+78.28
5	625+87.88
6	625+96.75
7	300+48.37
8	300+59.88
9	300+69.21
10	300+71.40
11	300+82.68
12	300+93.49
13	301+04.15
14	301+14.38
15	301+24.53
16	301+50.00



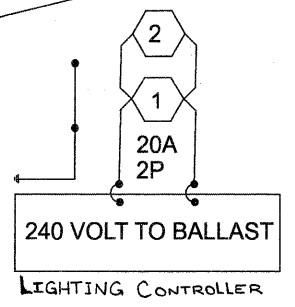
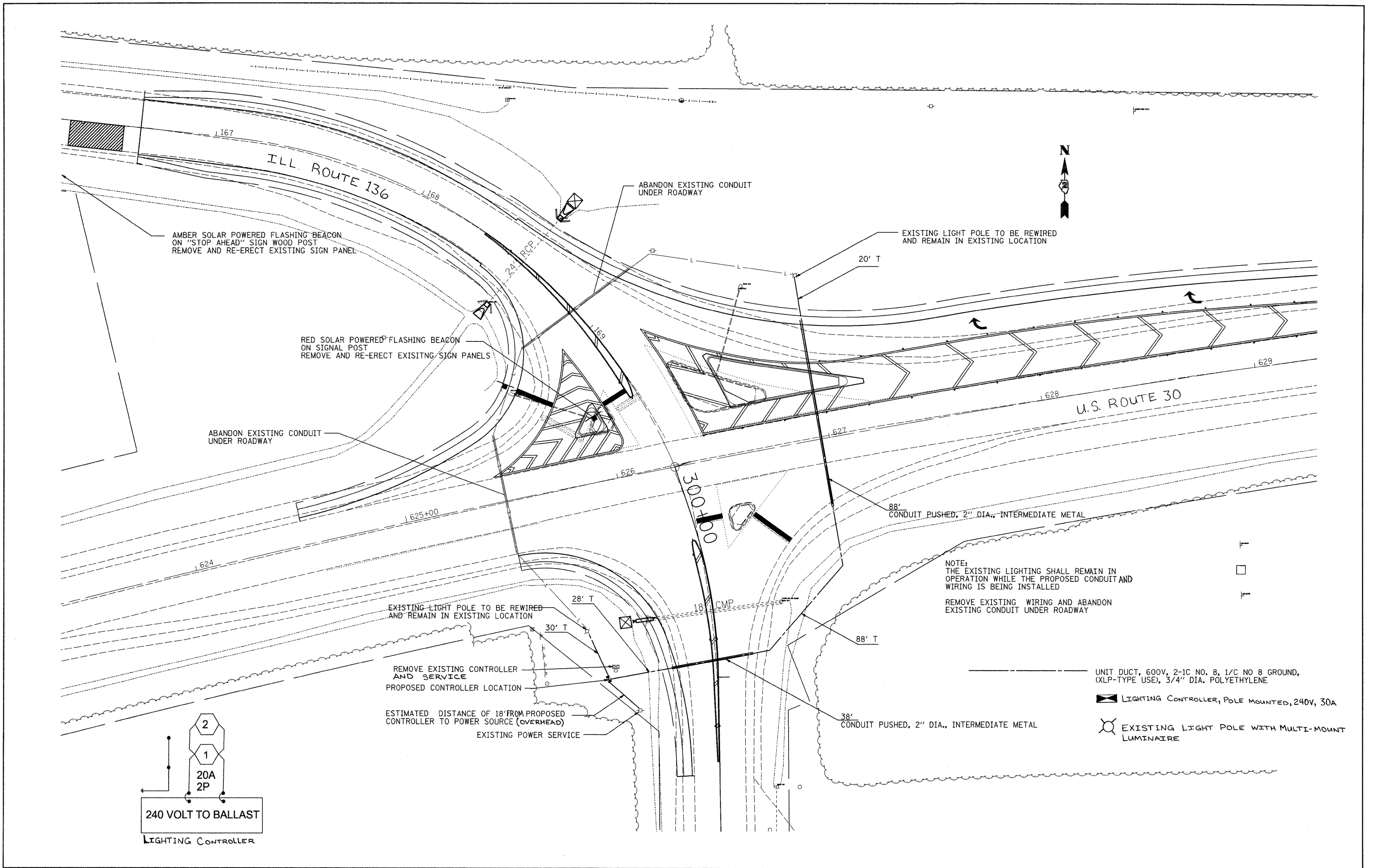
DETOUR ROUTE



- LEGEND**
-  DETOUR ROUTE
 -  TYPE III BARRICADES WITH FLASHERS PLACED AS SHOWN IN STANDARD 701901.
 -  ROAD CLOSED X MILE(S) SIGN WITH SUPPLEMENTAL PLATES AS REQUIRED IN THE SPECIAL PROVISIONS.
- THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM FOR TRAFFIC CONTROL FOR ROAD CLOSURE.



FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 DETOUR ROUTE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pw_work\pwidot\hensonke\ad0128026\020708-details.dgn		DRAWN -	REVISED -		309	(20-1M)	WHITESIDE	53	24				
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -						CONTRACT NO. 64F37				
PLOT DATE = Tue Dec 01 14:51:00 2009		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -
c:\pwwork\FWIDOT\HENSONKE\d0158635\d01708.dgn		DRAWN -	REVISED -
PLOT SCALE = 28.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Tue Dec 01 13:58:21 2009		DATE -	REVISED -

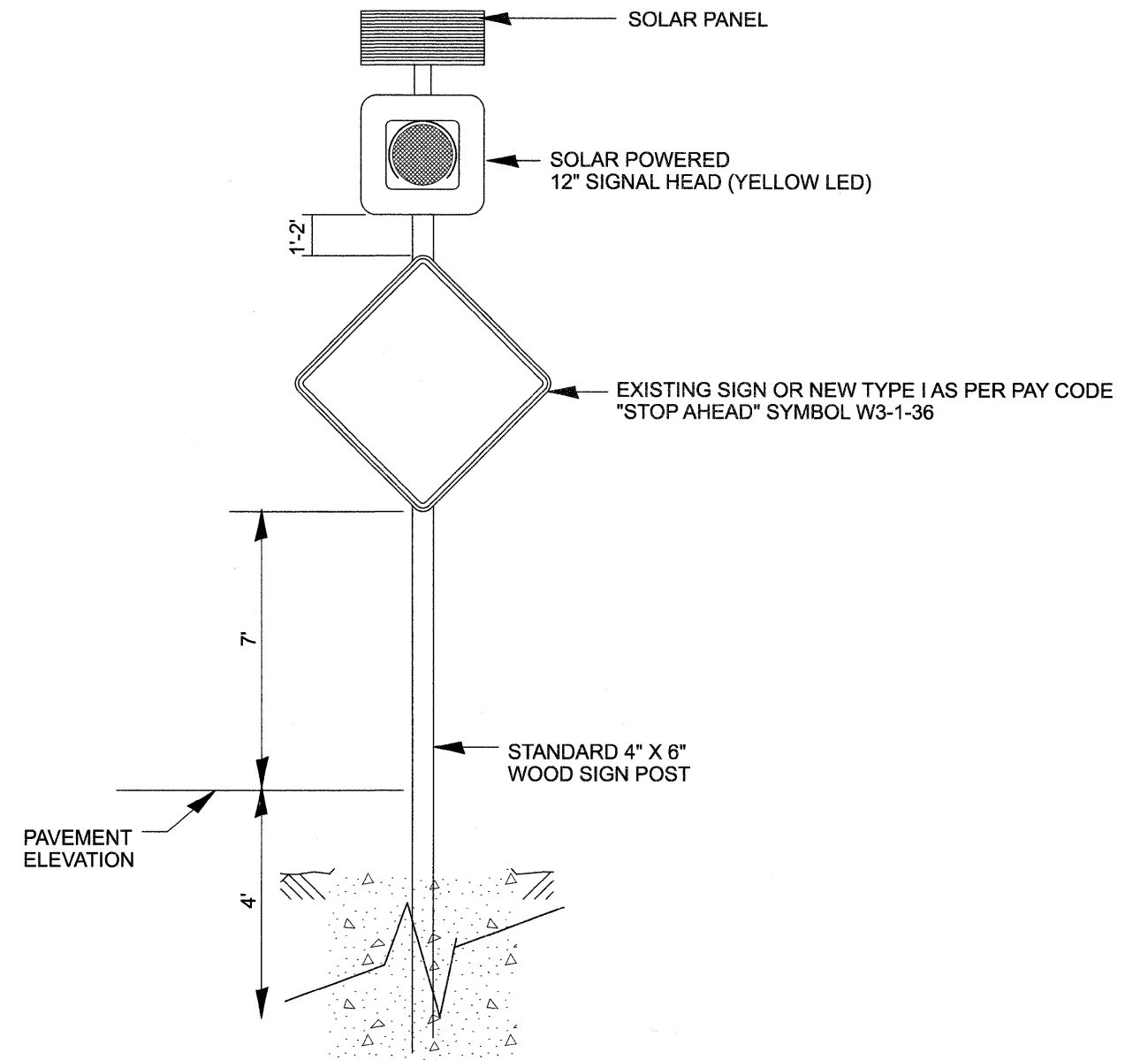
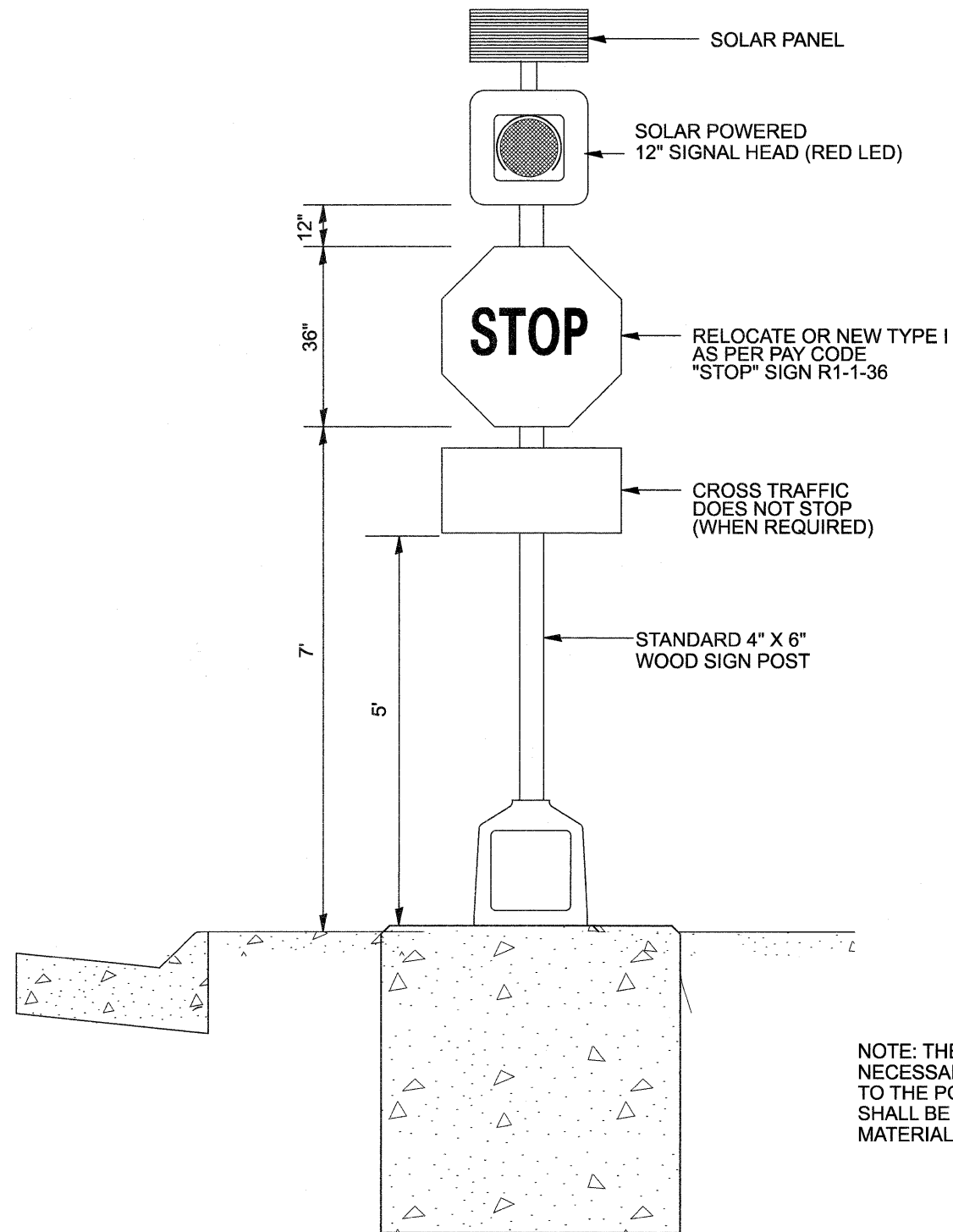
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Lighting Details

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	Whiteside	53	25
CONTRACT NO. WAF37			ILLINOIS FED. AID PROJECT	

SOLAR POWER FLASHER DETAIL



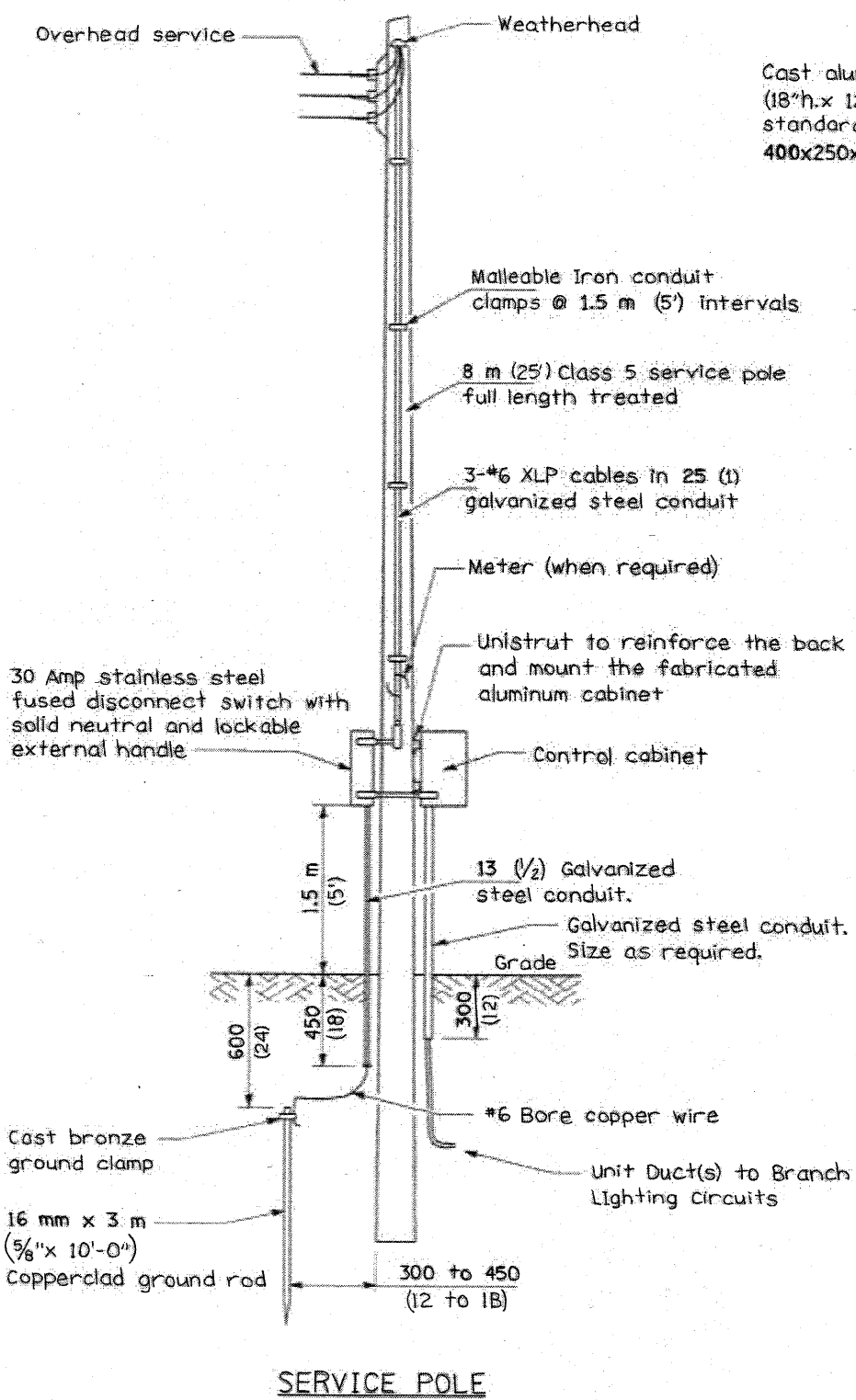
NOTE: THE CONTRACTOR SHALL SUPPLY ALL NECESSARY HARDWARE TO MOUNT THE SIGNS TO THE POST. THIS MOUNTING HARDWARE SHALL BE SIMILAR TO THE SIGN FIX BRAND MATERIAL.

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -
c:\pw_work\PWIDOT\HENSONKE\d0158635\d01708.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Tue Dec 01 13:58:22 2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Lighting Details		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:		309	(80-1)M	Whiteside	53	26
SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64F37				
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

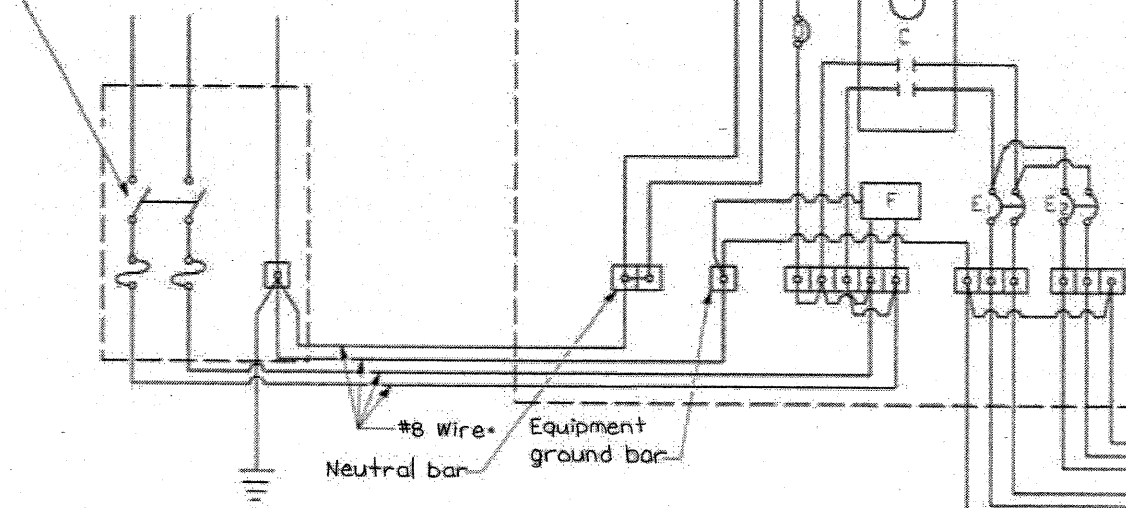
120/240V., 1 PHASE, 3 WIRE SERVICE



SERVICE POLE

Cast aluminum cabinet 450h.x300w.x200d. (18"h.x 12"w.x 8"d.). Aluminum door with standard traffic signal lock and key and 400x250x13 (16"x10"x1/2") mounting board.

2 Pole, 3 wire, 30A. disconnect switch, NEMA 4X, fused 30A.



DISCONNECT SWITCH

PHOTOCELL RELAY

- A Photocell with integral surge arrester
- B 3 Position selector switch HAND-OFF-AUTO
- C 60 amp electrically held contactor
- D 15 amp, 1 pole, circuit breaker
- E 20 amp, 2 pole, branch circuit breaker. Two spare breakers are required but are not shown
- F Surge arrester (* = Size larger as needed)

GENERAL NOTES

Wiring shall be panel board fashion. All bends shall be right angles. All runs shall be vertical or parallel to panel board. Wires shall be grouped or laced.

All control installation components shall be U.L. listed.

Label equipment ground and neutral.

Locate service pole and control installation adjacent to R.O.W. line with a minimum distance of 9 m (30') from the edge of pavement. Exact location shall be established by the Engineer.

The total distance between the control installation and primary transformer shall not exceed 75 m (250').

This detail should only be used for lighting systems with four (4) light poles or less.

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

DATE	REVISIONS
	Corrected 1/19/06
1/17/08	Service disconnect
2/3/08	SA wiring, cabinet notes
1/14/10	Revised for 30A LGT CTL

**CONTROL INSTALLATION
Service Pole Mounted**



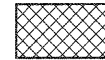
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)A	WHITESIDE	53	27

CONTRACT NO 64537

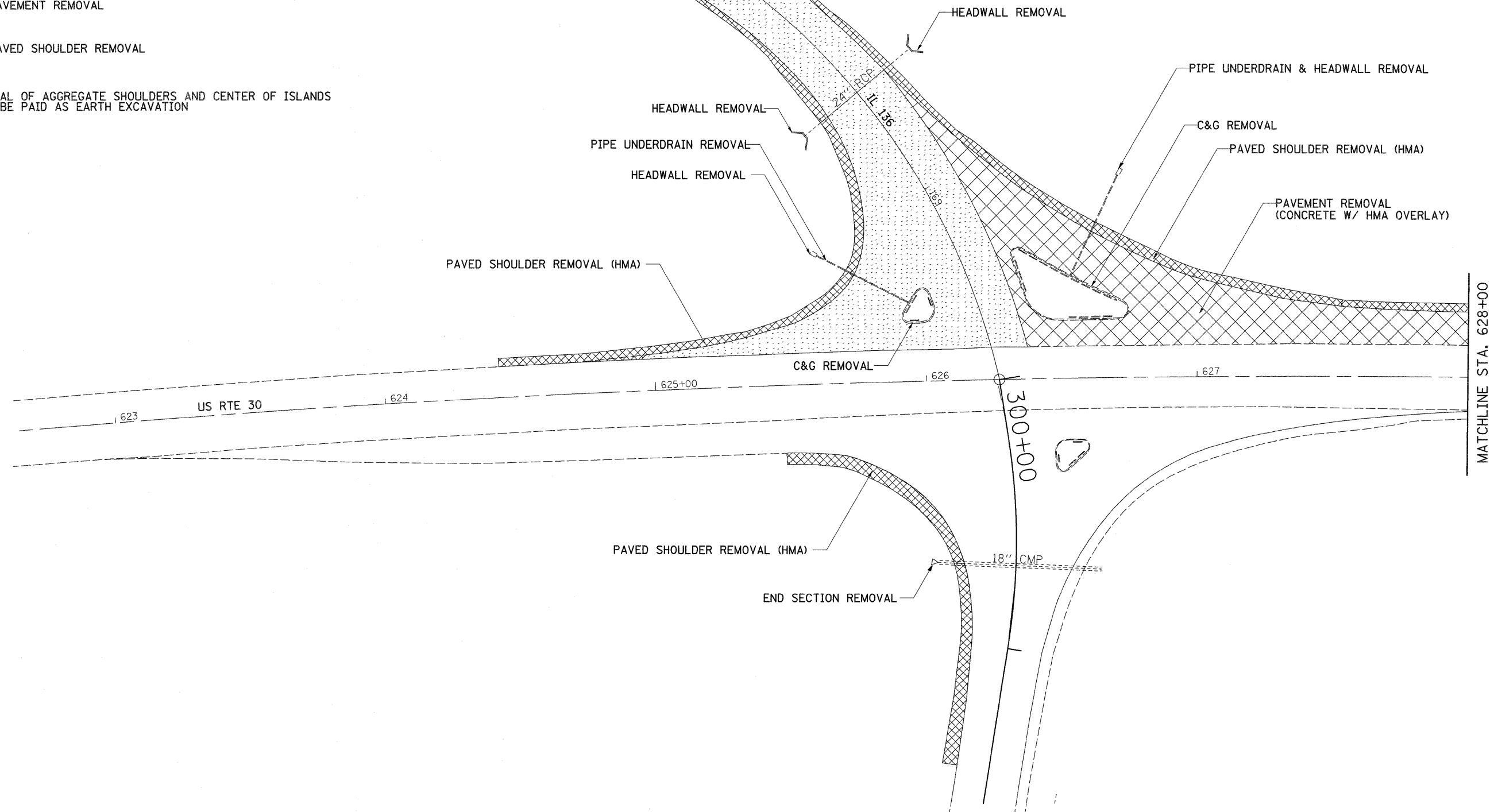
REMOVAL DETAILS



START GRIND @ STA. 166+65

-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL

NOTE: REMOVAL OF AGGREGATE SHOULDERS AND CENTER OF ISLANDS WILL BE PAID AS EARTH EXCAVATION



FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -
ca\pwwork\PWIDOT\HENSONKE\d0128026\p01708removal.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

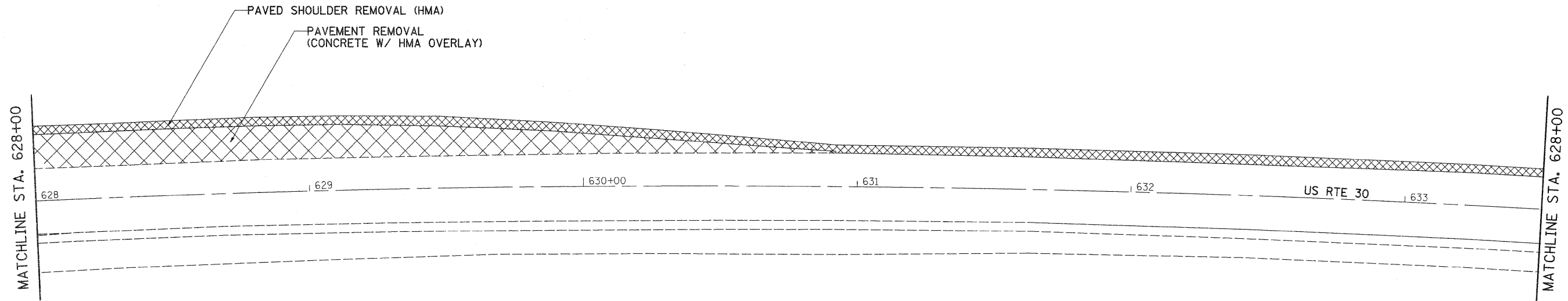
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION




US RTE 30
REMOVAL DETAILS

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

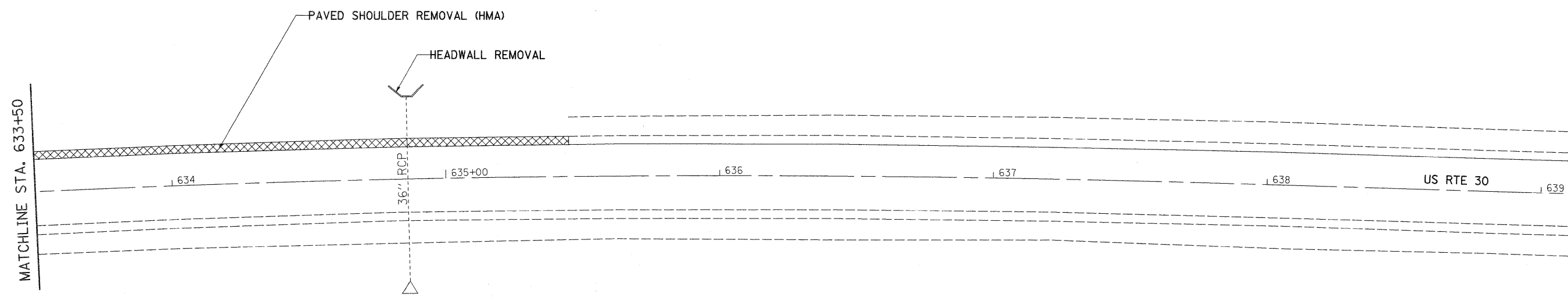
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	WHITESIDE	53	28
CONTRACT NO. 64F37				
ILLINOIS FED. AID PROJECT				

REMOVAL DETAILS



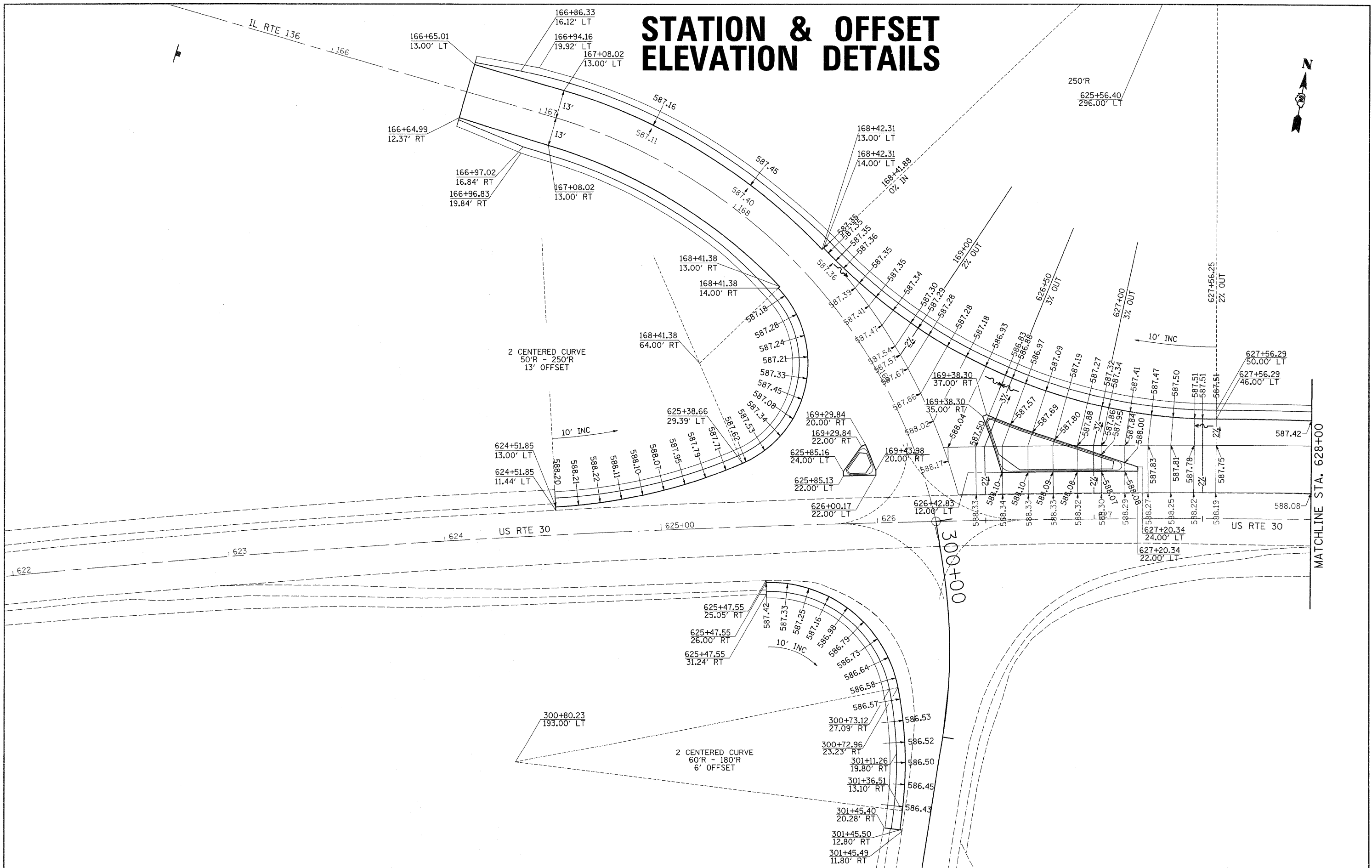
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL

NOTE: REMOVAL OF AGGREGATE SHOULDERS AND CENTER OF ISLANDS WILL BE PAID AS EARTH EXCAVATION



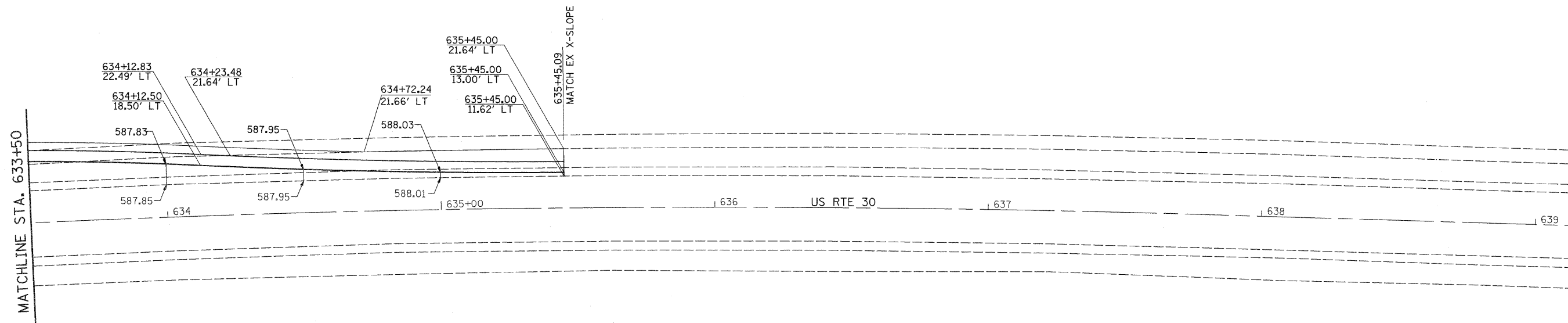
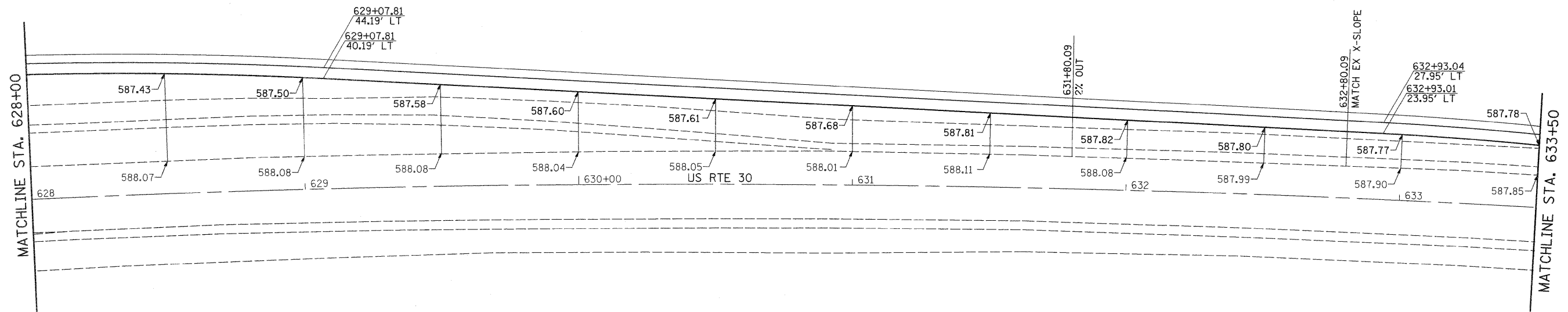
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ca:\pw_work\PWIDOT\HENSONKE\d0128026\p01708-removal.dgn		DRAWN -	REVISED -		309	(20-1)M	WHITESIDE	53	29			
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 64F37							
PLOT DATE = Tue Dec 01 13:37:41 2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			

STATION & OFFSET ELEVATION DETAILS



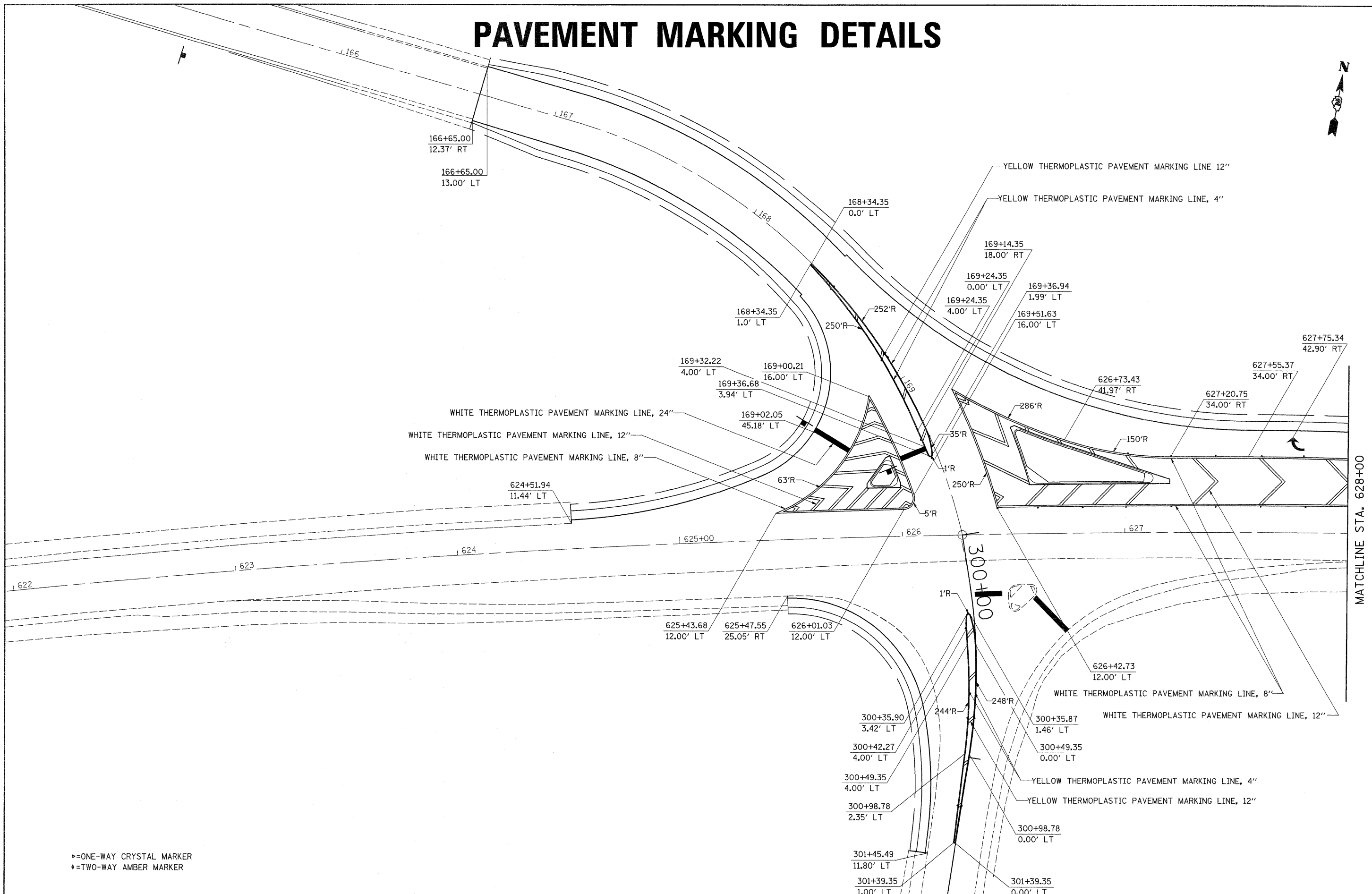
FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 STATION, OFFSET & ELEVATION DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 28.0000' / IN.		CHECKED -	REVISED -						CONTRACT NO. 64F37				
PLOT DATE = Tue Dec 01 13:43:20 2009		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			

STATION & OFFSET DETAILS



FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 STATION, OFFSET & ELEVATION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDDOT\HENSONKE\d0128026\p01708e1ev.dgn		DRAWN -	REVISED -		309	(20-1M)	WHITESIDE	53	31			
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PLOT DATE = Tue Dec 01 13:43:20 2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
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PAVEMENT MARKING DETAILS

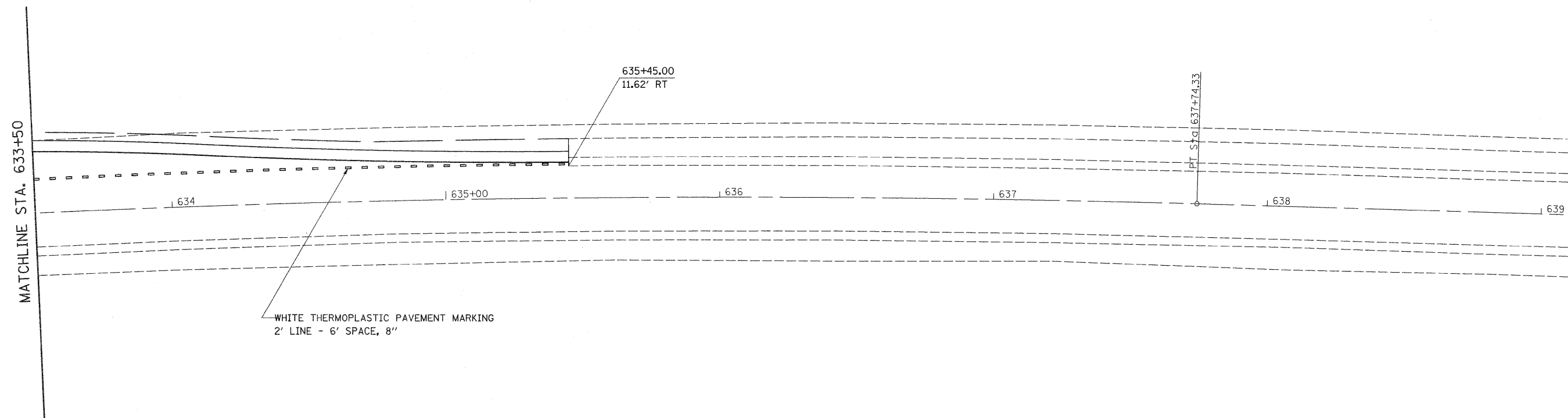
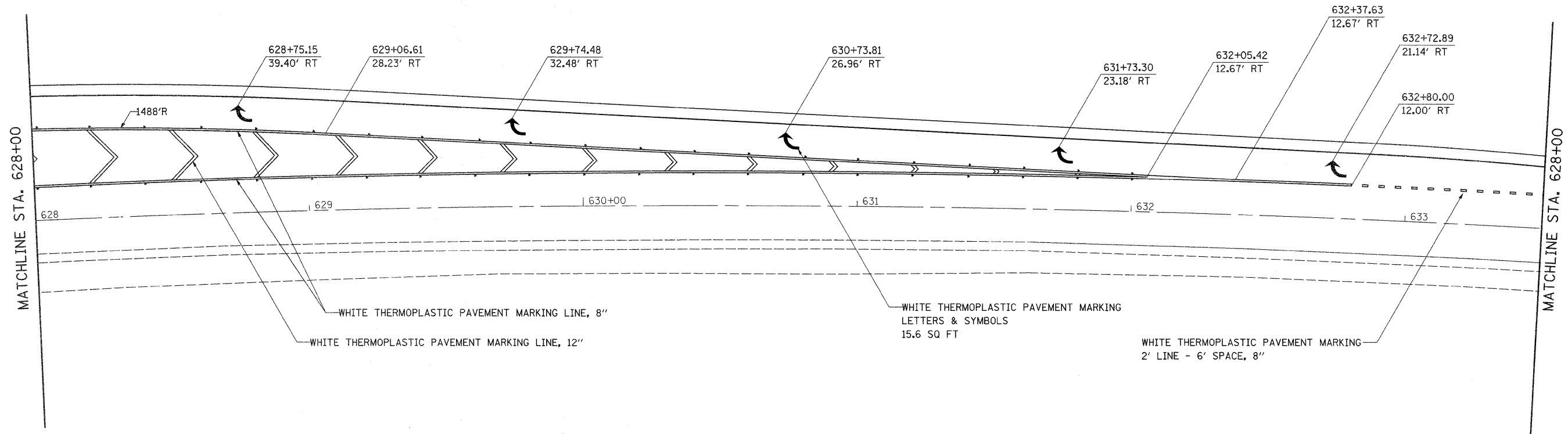


MATCHLINE STA. 628+00

▷=ONE-WAY CRYSTAL MARKER
 ◆=TWO-WAY AMBER MARKER

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 PAVEMENT MARKING DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pwork\PWIDOT\HENSONKE\j0120026\p00700pm.dgn		DRAWN -	REVISED -		309	(20-1)M	WHITESIDE	53	32			
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 64F37							
PLOT DATE = Tue Dec 01 15:18:46 2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT							

PAVEMENT MARKING DETAILS



▷=ONE-WAY CRYSTAL MARKER
 ◆=TWO-WAY AMBER MARKER

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -
et\pwwork\PWIDOT\HENSONKE\d0128026\p01708p.mxd		DRAWN -	REVISED -
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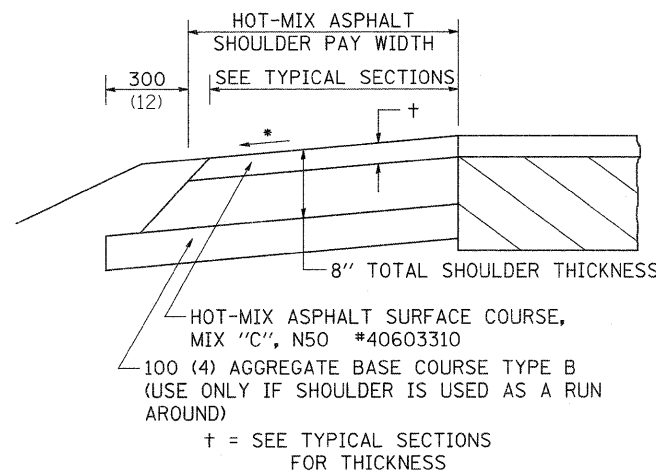
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US RTE 30
 PAVEMENT MARKING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	WHITESIDE	53	33
CONTRACT NO. 64F37				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

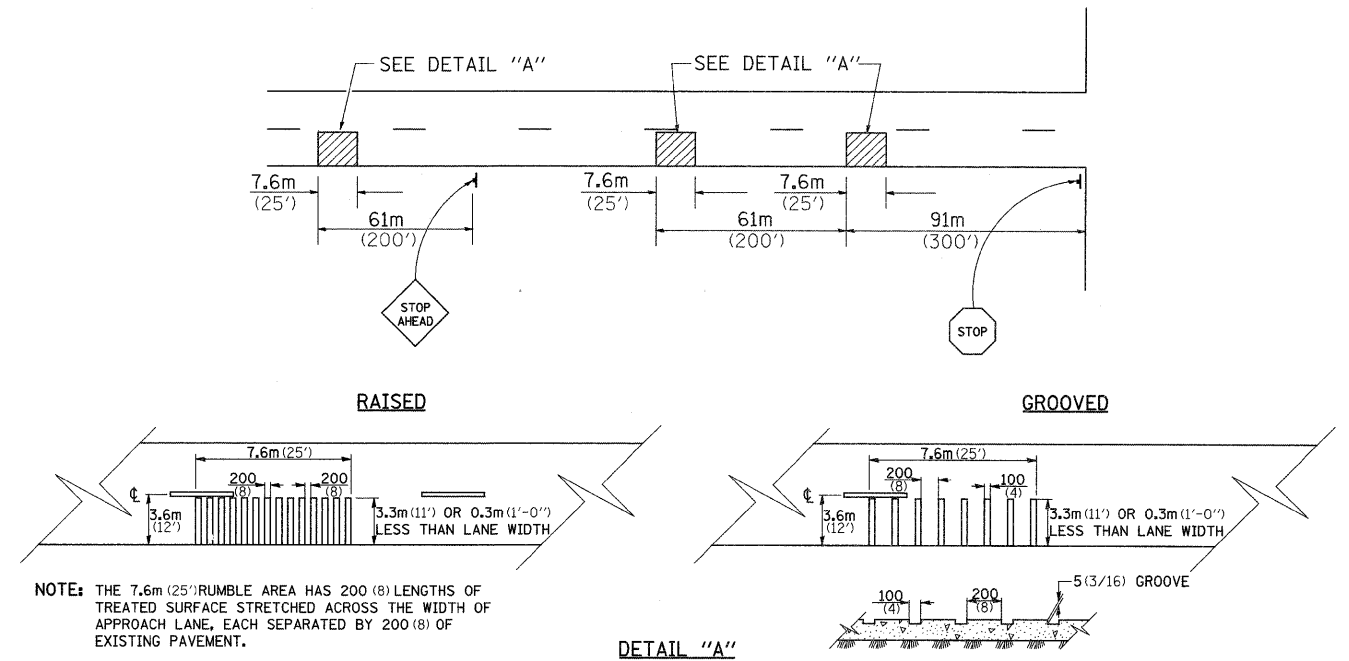
* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

HOT-MIX ASPHALT SHOULDER 23.4a

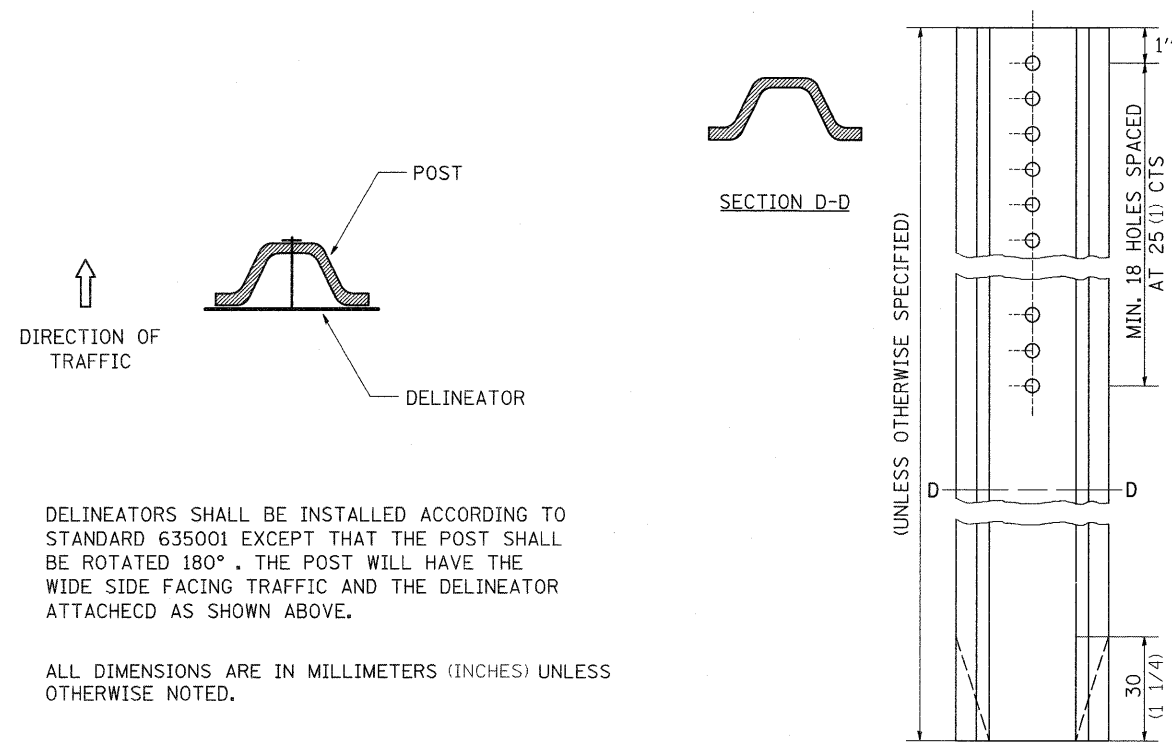
RUMBLE RESURFACING



REVISED - 2-16-88

RUMBLE RESURFACING 91.4

DELINEATOR AND POST ORIENTATION



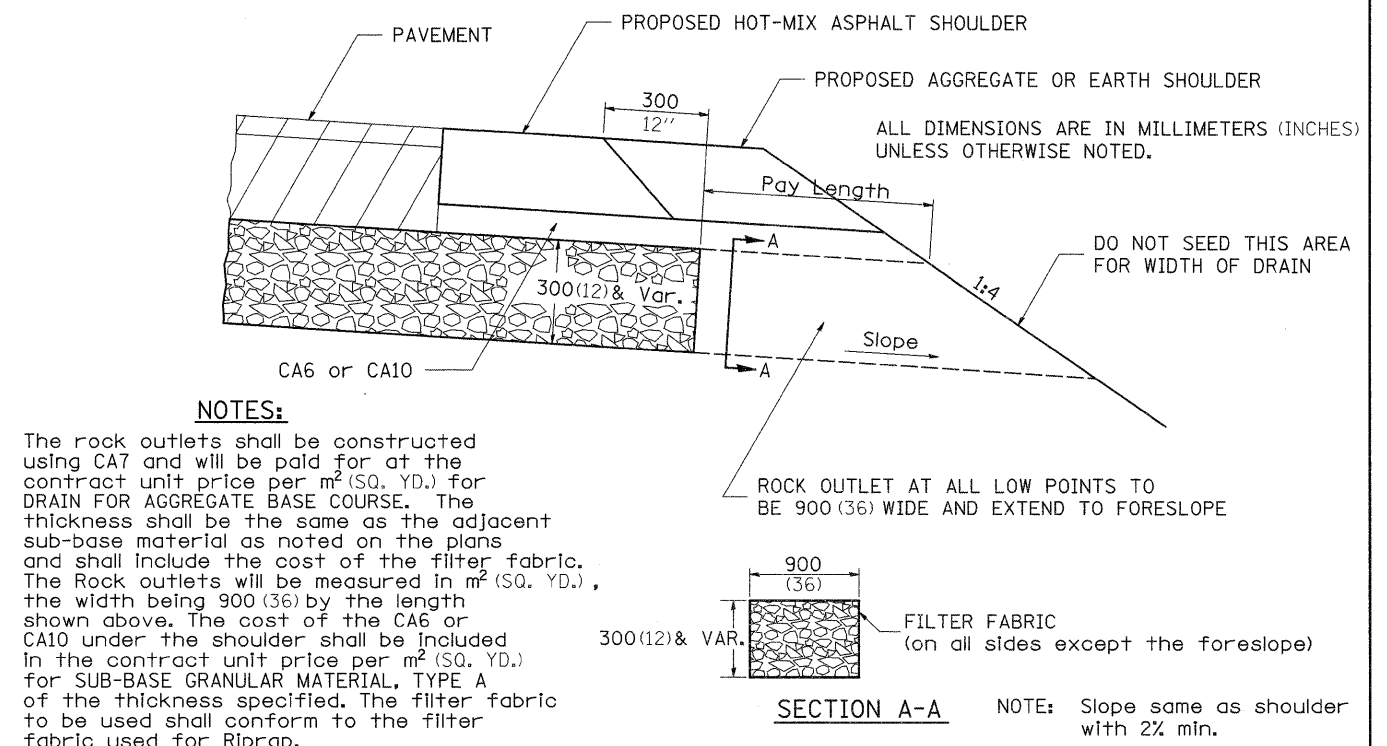
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

DELINEATOR AND POST ORIENTATION 37.4

DRAIN FOR AGGREGATE BASE COURSE



NOTES:

The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per m² (SQ. YD.) for DRAIN FOR AGGREGATE BASE COURSE. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The rock outlets will be measured in m² (SQ. YD.), the width being 900 (36) by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per m² (SQ. YD.) for SUB-BASE GRANULAR MATERIAL, TYPE A of the thickness specified. The filter fabric to be used shall conform to the filter fabric used for Riprap.

REVISED - 10-10-06	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	SCALE: 50:0000' / IN SHEET NO. OF SHEETS STA. TO STA.				309	(20-1)M	WHITESIDE	53	34
REVISED -					CONTRACT NO. 64F37				
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

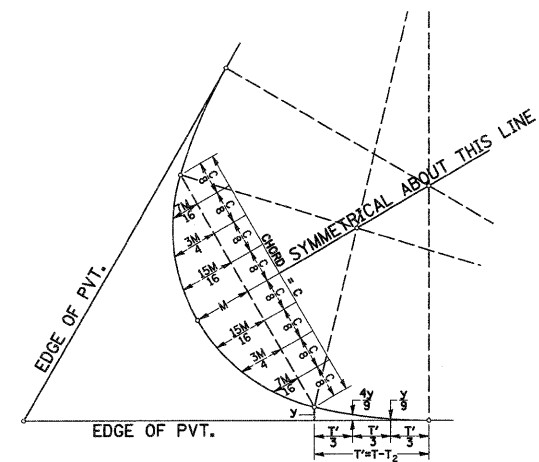
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X0325519

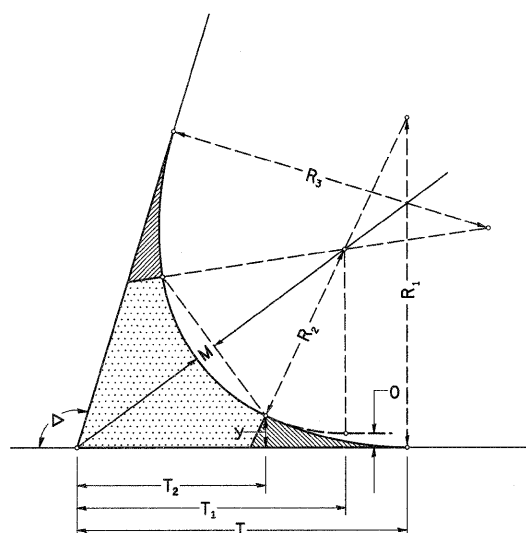
DRAIN FOR AGGREGATE BASE COURSE 96.4

THREE CENTER CURVE DATA

SYMMETRICAL CURVES



FIELD LAYOUT METHOD

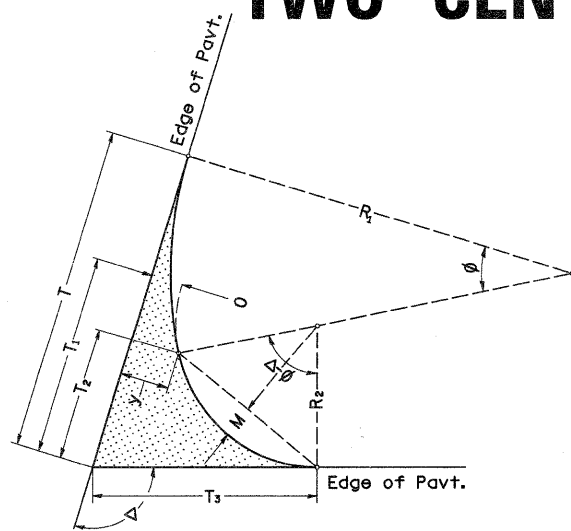


FOR SYMMETRICAL CURVES

CURVE #						
R ₁						
R ₂						
R ₃						
O						
Δ						
T						
T ₁						
T ₂						
T'						
y						
$\frac{4y}{9}$						
$\frac{y}{9}$						
M						
$\frac{15M}{16}$						
$\frac{3M}{4}$						
$\frac{7M}{16}$						
C						

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TWO CENTER CURVE DATA

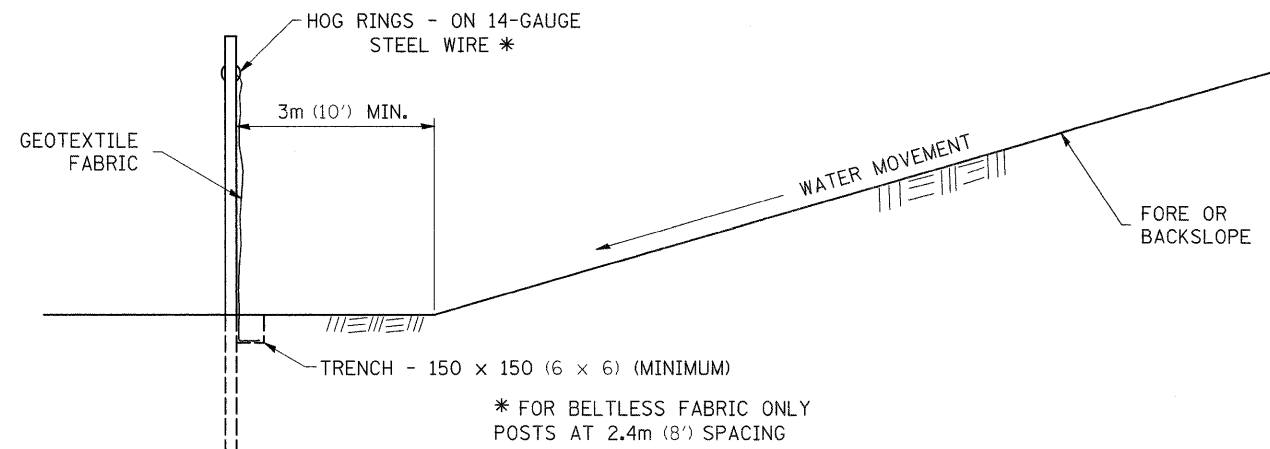
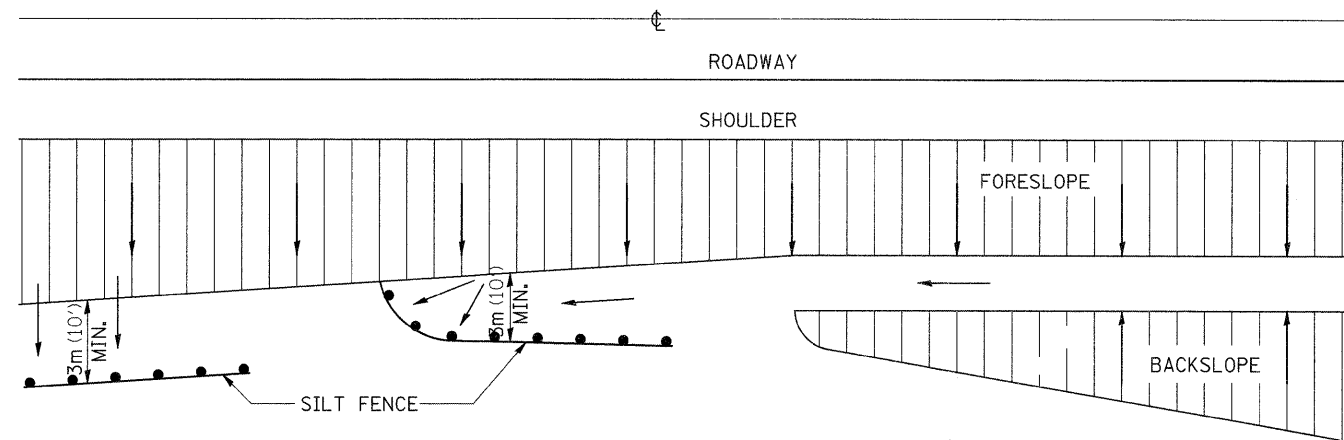


TWO CENTER CURVES

CURVE #	*1					
R ₁	250.00					
R ₂	50.00					
O	13.00					
Δ	104.19					
T	138.43					
T ₁	67.50					
T ₂	49.77					
T ₃	77.63					
y	16.25					
$\frac{4y}{9}$	7.22					
$\frac{y}{9}$	1.81					
M	12.67					
$\frac{15M}{16}$	11.88					
$\frac{3M}{4}$	9.51					
$\frac{7M}{16}$	5.54					
C	66.53					

REVISED - 3-22-90

EROSION CONTROL DETAILS FOR SILT FENCE



DETAILS OF SILT FENCE

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF AN INTERSECTION IMPROVEMENT PROJECT WHICH
INCLUDES WIDENING RETURNS AND A RIGHT TURN LANE.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 1.9 ACRES
PROPOSED R.O.W (TOTAL PARCEL AREA) 0 ACRES
DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 0.79 ACRES

SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES

STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION:

AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING

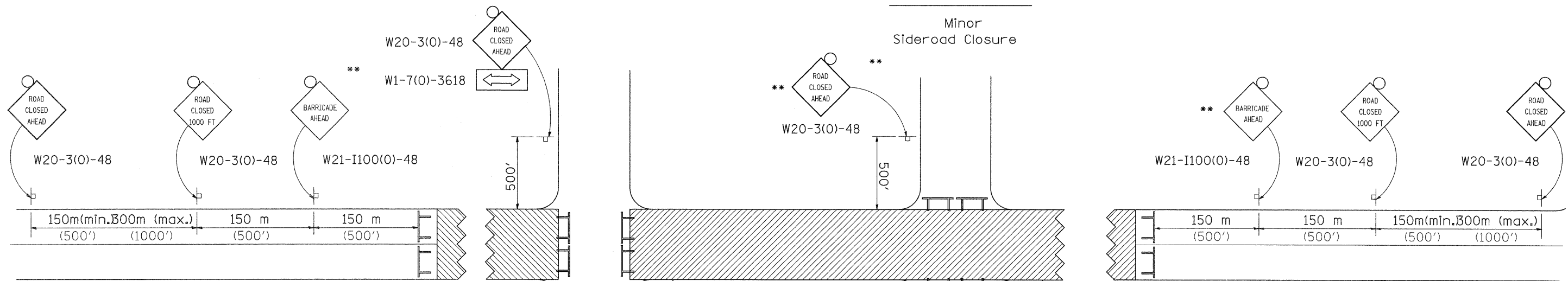
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED - 5-12-04	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd\pw_work\pw\dot\hensonke\d0128026\020	708-details.dgn	DRAWN -	REVISED -			309	(20-1M)	WHITESIDE	53	36	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 64F37					
	PLOT DATE = Tue Dec 01 14:50:58 2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TRAFFIC CONTROL FOR ROAD CLOSURE

CONDITION II

Minor Sideroad Closure



GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

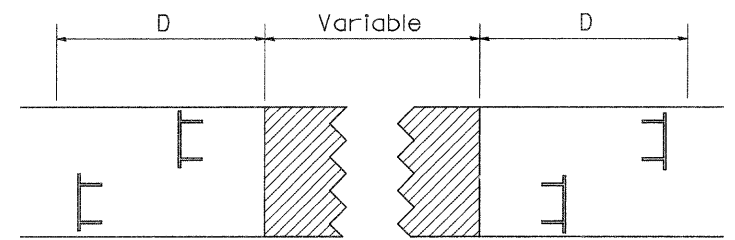
When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.




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

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS

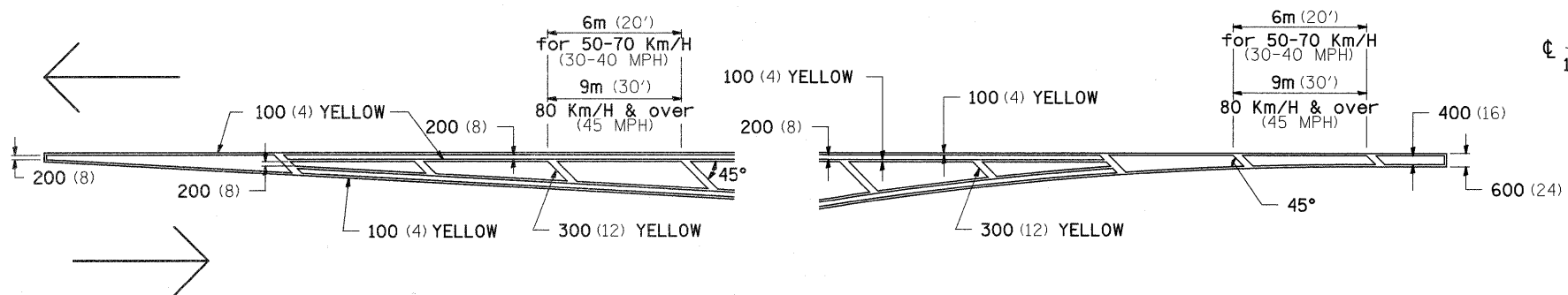
-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

TYPICAL APPLICATION FOR ROAD CLOSURE

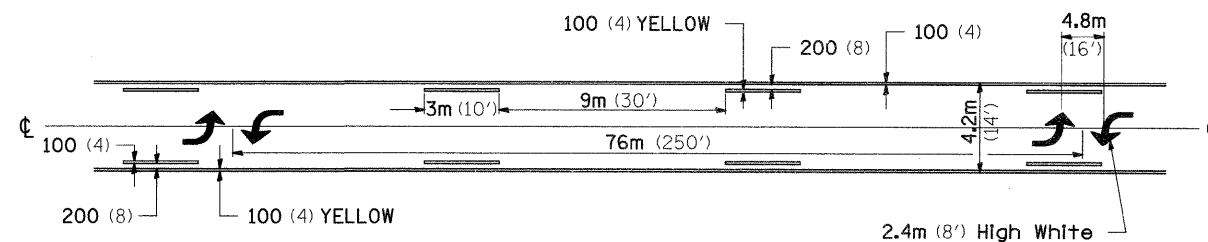
FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED - 1-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr\pwwork\pwwork\hensonke\d0128026\020708-details.dgn	708-details.dgn	DRAWN -	REVISED -			309	(20-11M)	WHITESIDE	53	37	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F37					
PLOT DATE = Tue Dec 01 14:51:03 2009		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

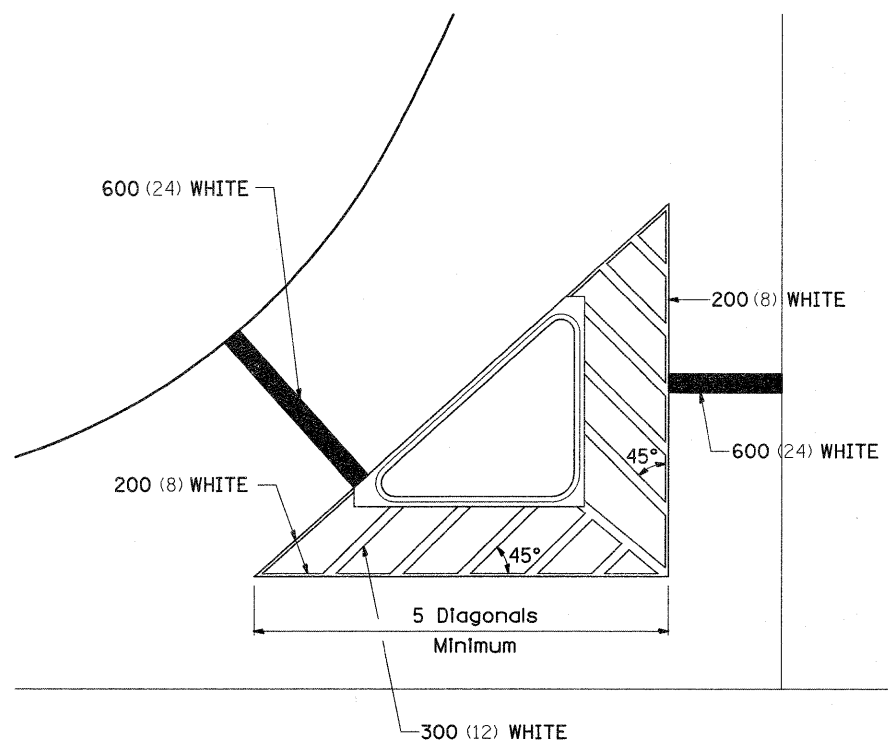


MEDIAN PAVEMENT MARKING

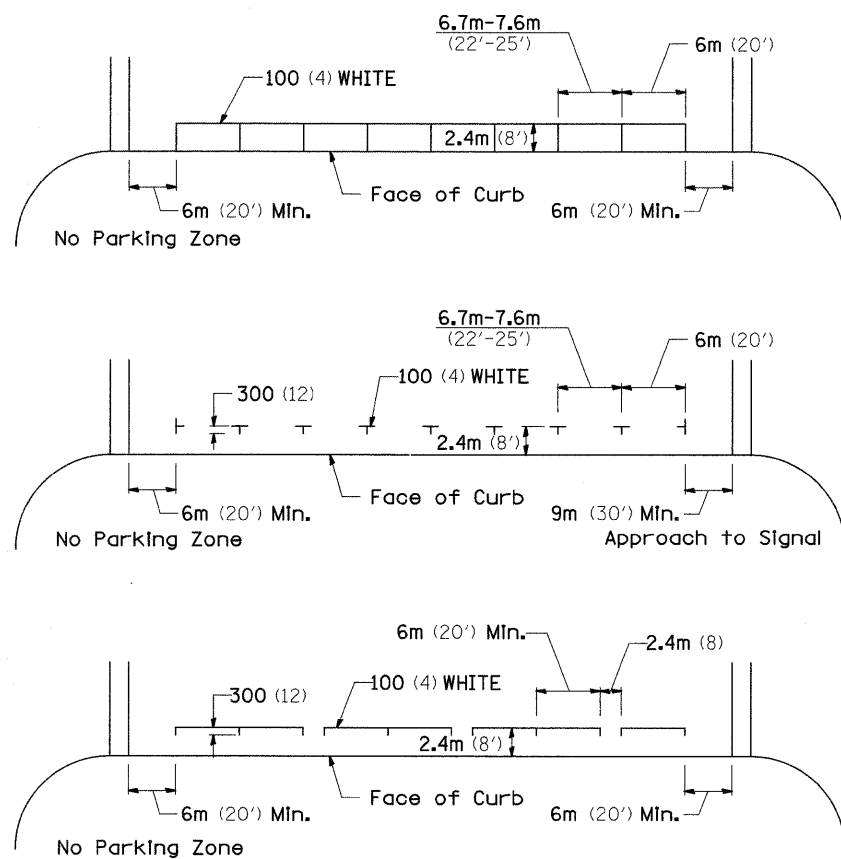


•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

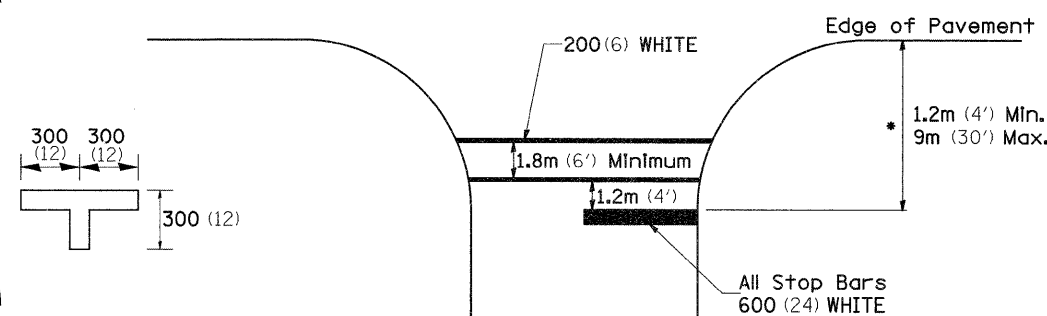


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

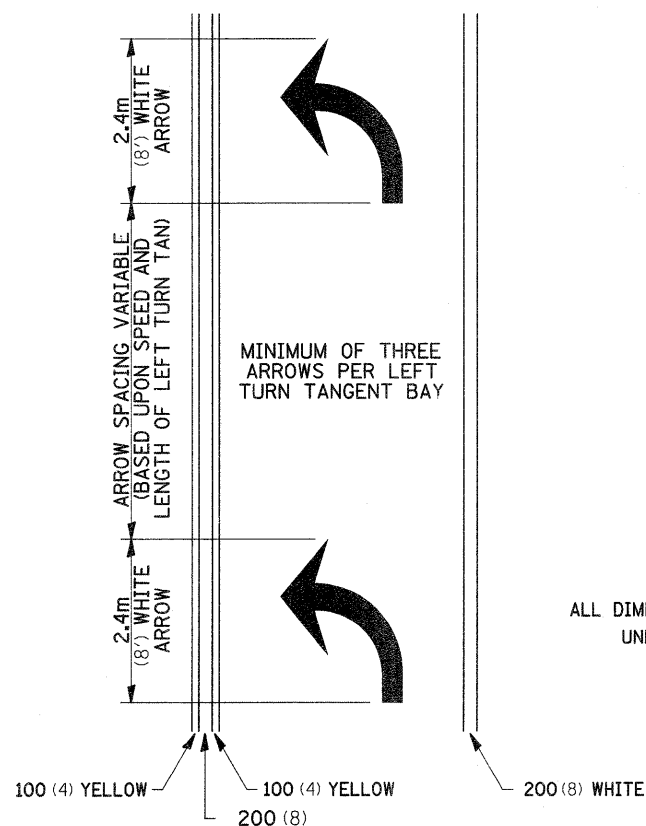


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US RTE 30 REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pvt_work\pvt\dot\hensonke\d0128026\020700-deta1s.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			309	(20-11M)	WHITESIDE	53	38	
PLOT DATE = Tue Dec 01 14:58:59 2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 64F37					
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

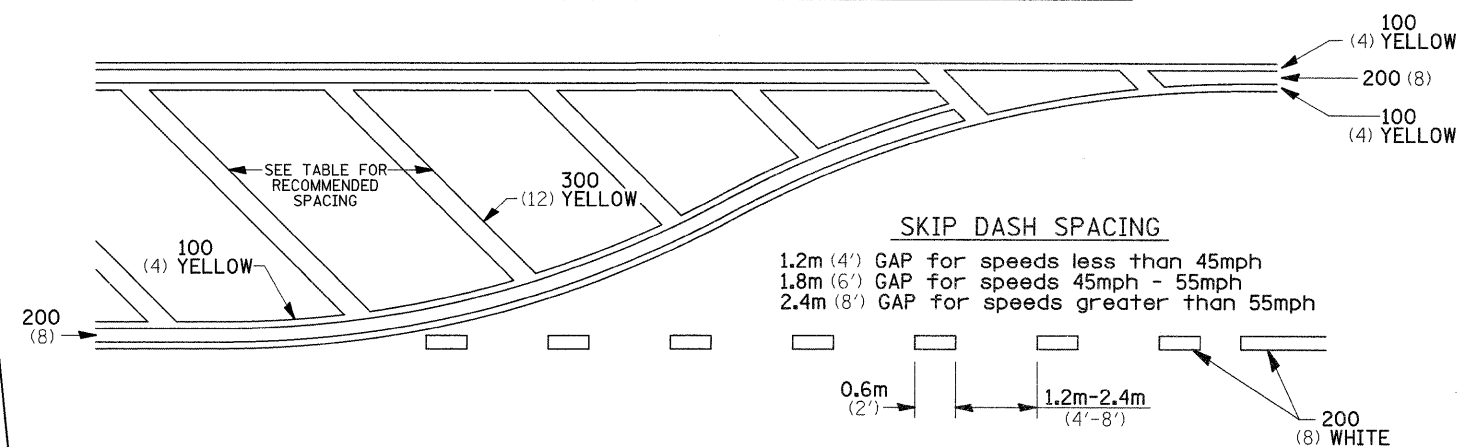


- ▲ ONE-WAY AMBER MARKER
- △ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

12.2m
6 at (40') O.C.
APPROACH SIDE ONLY

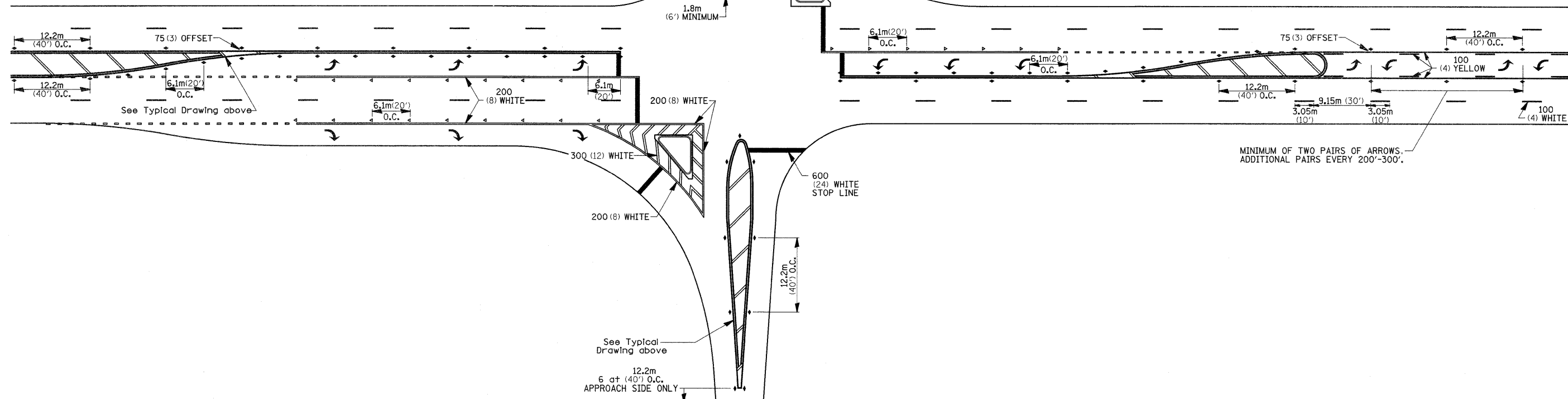
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME =	USER NAME = hensonka	DESIGNED -	REVISED - 10-21-08
ca\pwr\work\pwr\dot\hensonka\d0128026\026\708-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Tue Dec 01 14:58:59 2009		DATE -	REVISED -

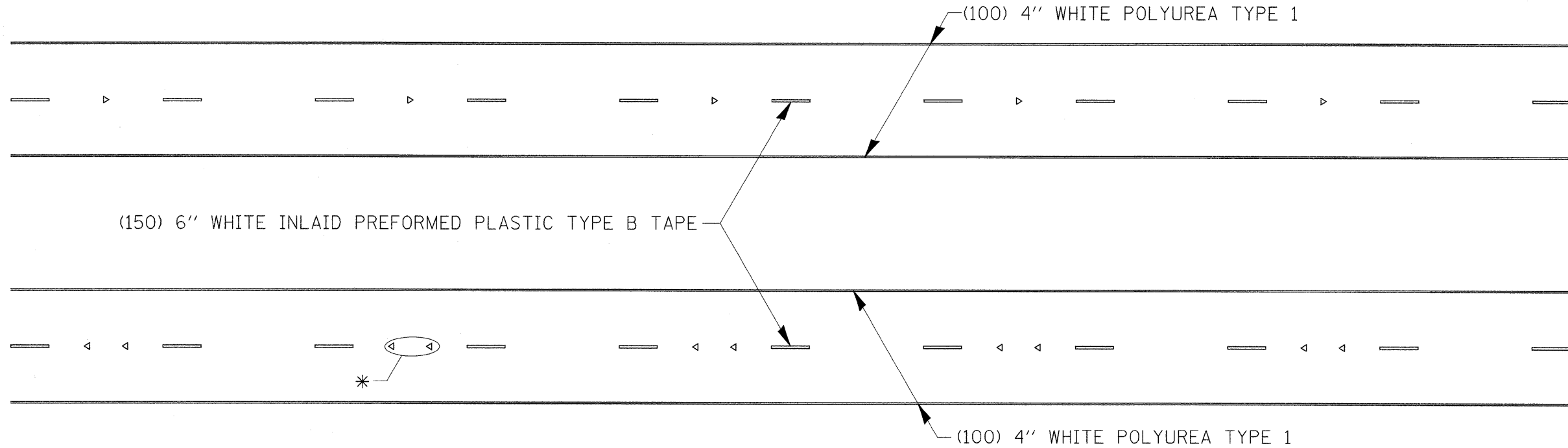
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US RTE 30
REGION 2 / DISTRICT 2 STANDARD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	WHITESIDE	53	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64F37	

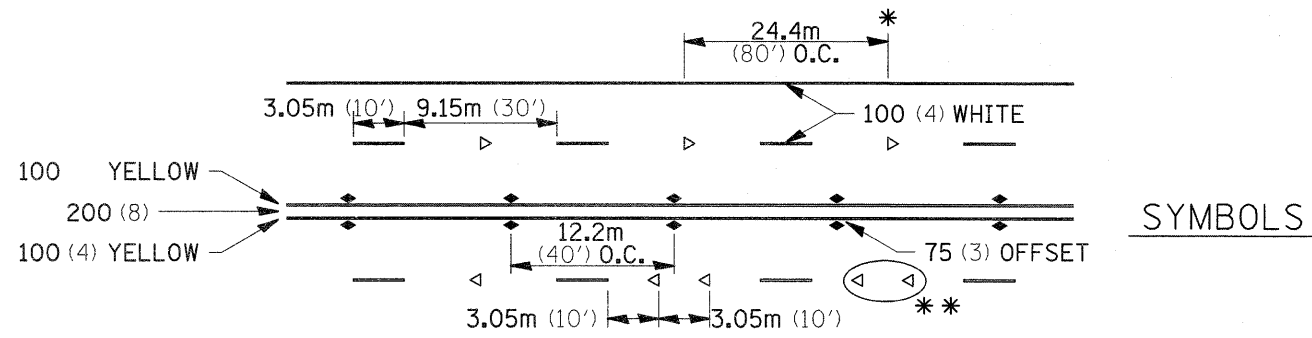
SCALE: SHEET NO. OF SHEETS STA. TO STA.

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 25,000.

MULTI-LANE / DIVIDED

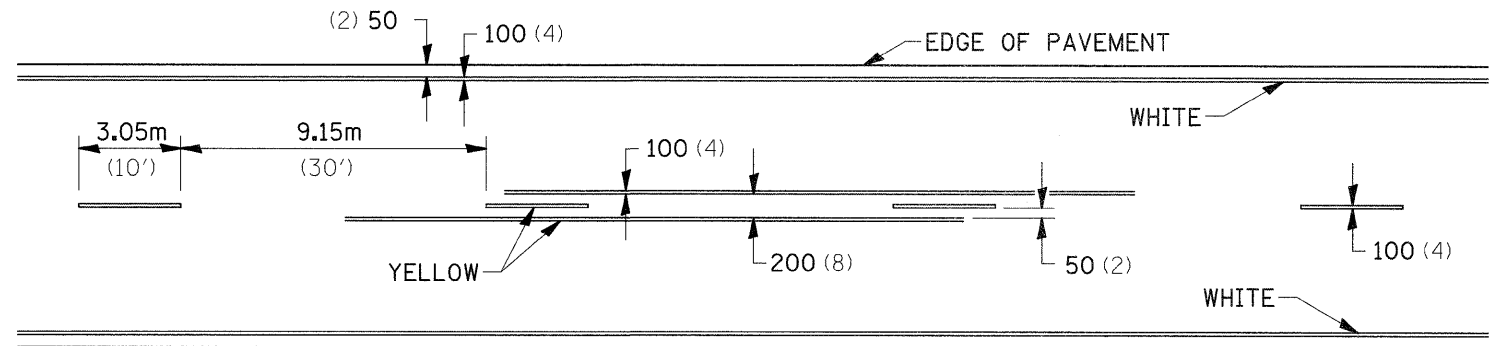


* REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.

** USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI-LANE / UNDIVIDED

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED - 10-21-08
c:\pw_work\pwwork\hensonke\d0128026\020	708-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Tue Dec 01 14:51:00 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

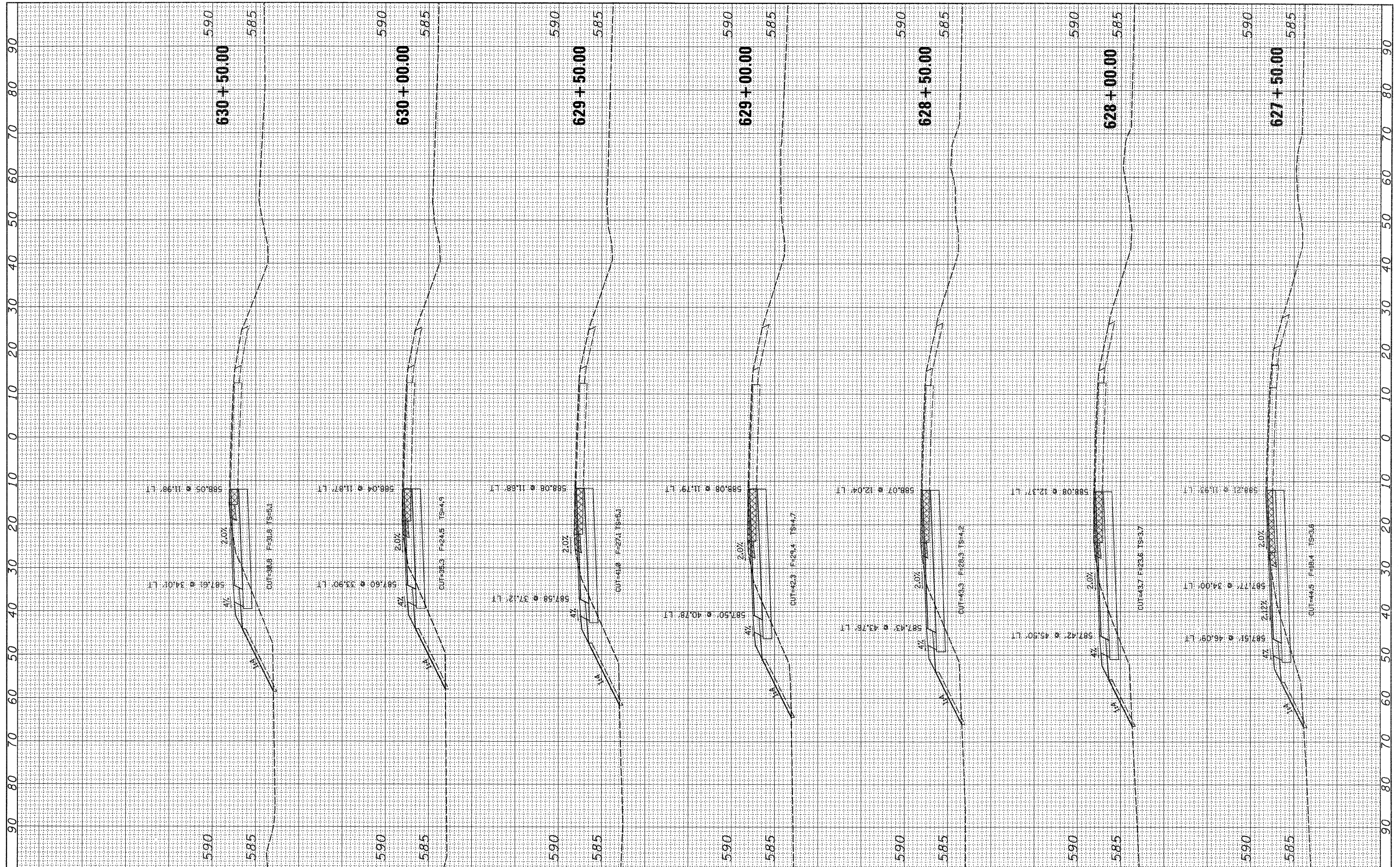
US RTE 30
REGION 2 / DISTRICT 2 STANDARD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	WHITESIDE	53	40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64F37	

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

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

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



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 PLOT SCALE = 10,0000' / IN.
 PLOT DATE = Tue Dec 01 15:13:24 2009

DESIGNED -	REVISOR -
DRAWN -	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

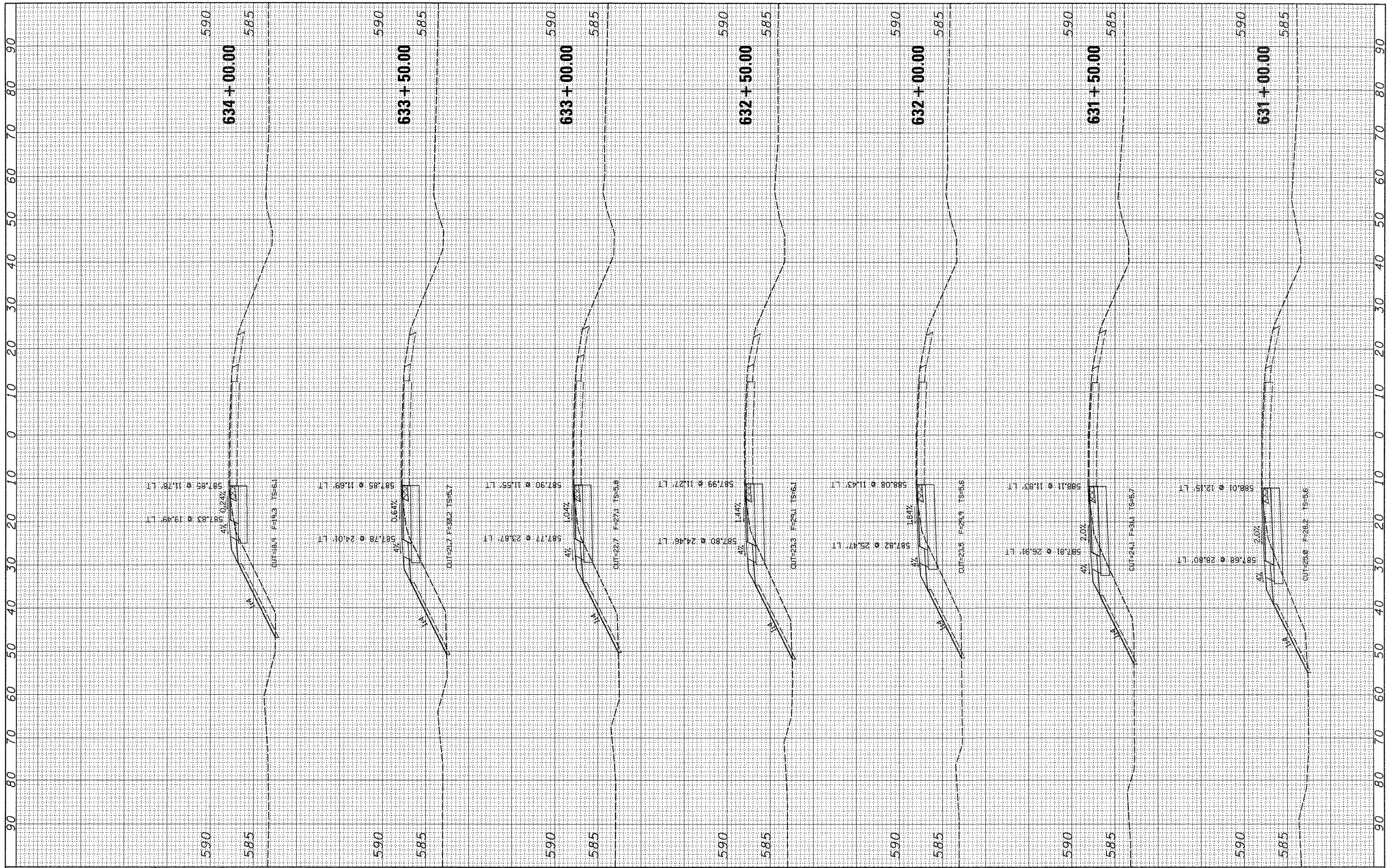
**US RTE 30
US RTE 30 X-SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 627+50.00 TO STA. 630+50.00

F.A.P. RTE. 309	SECTION (20-1)M	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 41
CONTRACT NO. 64F37			ILLINOIS FED. AID PROJECT	

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

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



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 PLOT DATE = Tue Dec 01 15:13:24 2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

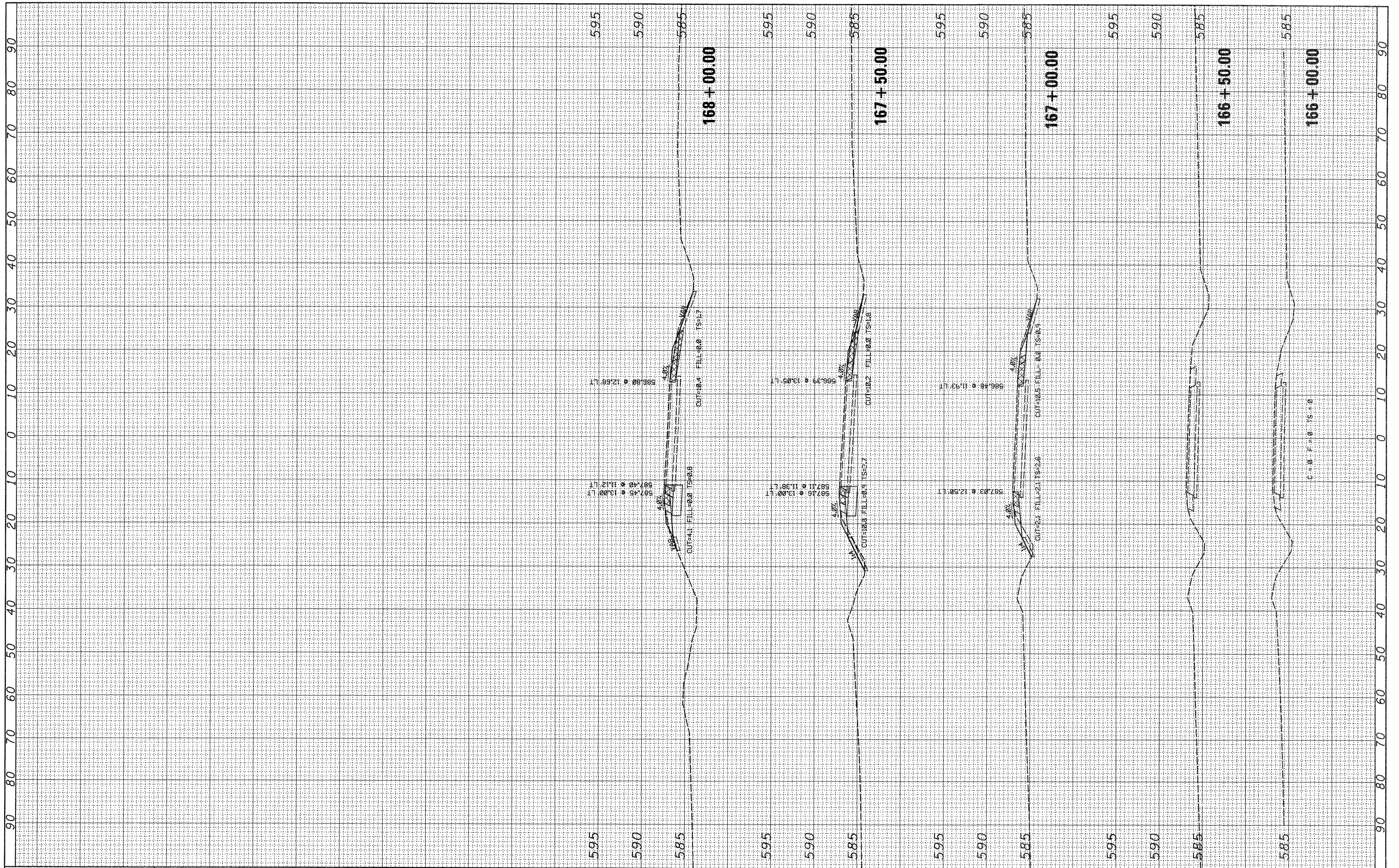
**US RTE 30
 US RTE 30 X-SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 631+00.00 TO STA. 634+00.00

F.A.P. RTE. 309	SECTION (20-1M)	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64F37	

FINAL SURVEY NO.	REVISIONS	BY	DATE
	DESIGNED		
	DRAWN		
	CHECKED		
	DATE		

ORIGINAL SURVEY NO.	REVISIONS	BY	DATE
	DESIGNED		
	DRAWN		
	CHECKED		
	DATE		



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DESIGNED -
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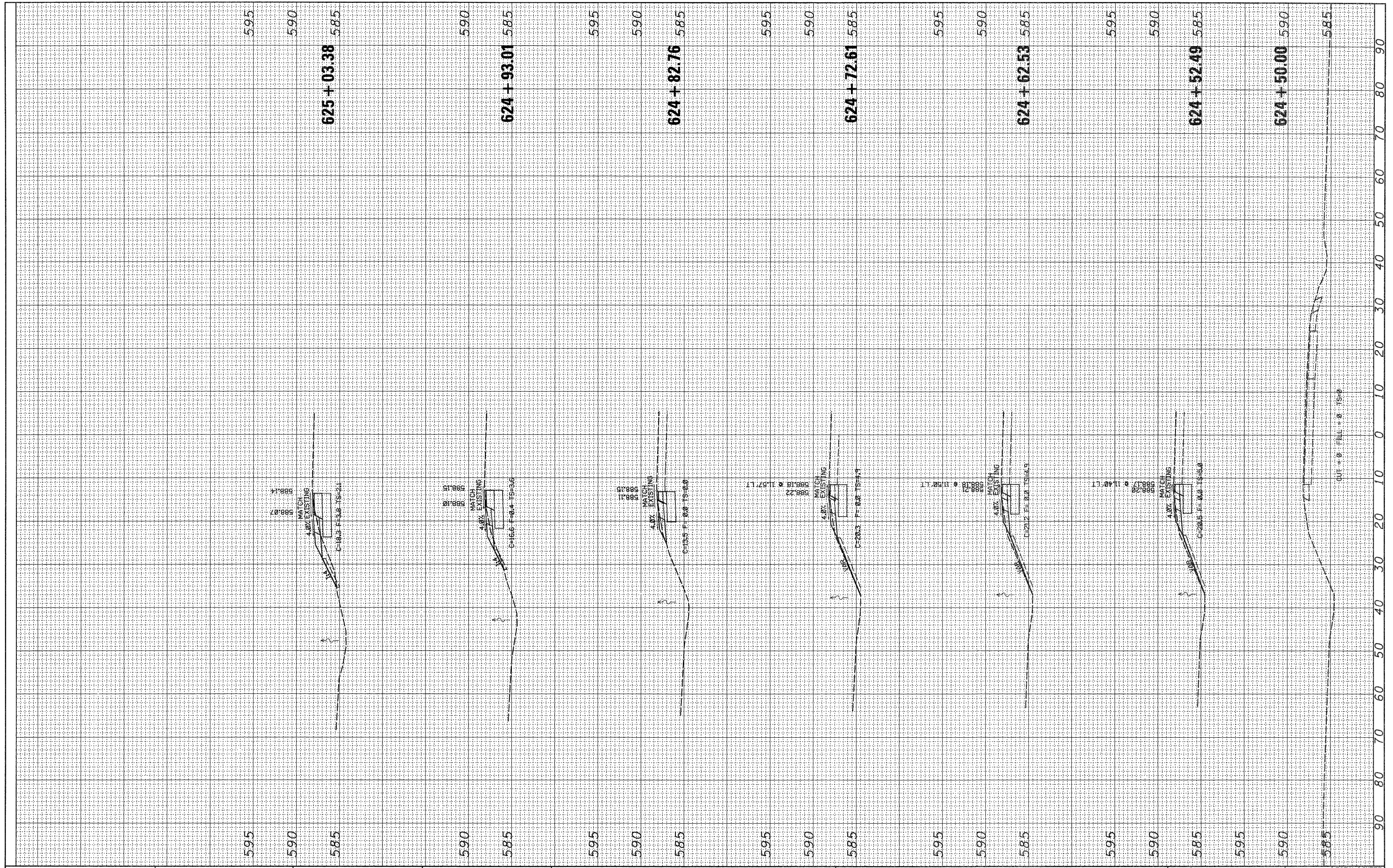
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 136
 MAINLINE CROSS SECTIONS**
 SCALE: SHEET NO. OF SHEETS STA. 166+00.00 TO STA. 168+56.42

F.A.P. RTE. 309	SECTION (20-1)M	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 44
CONTRACT NO. 64F37			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



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 DATE -

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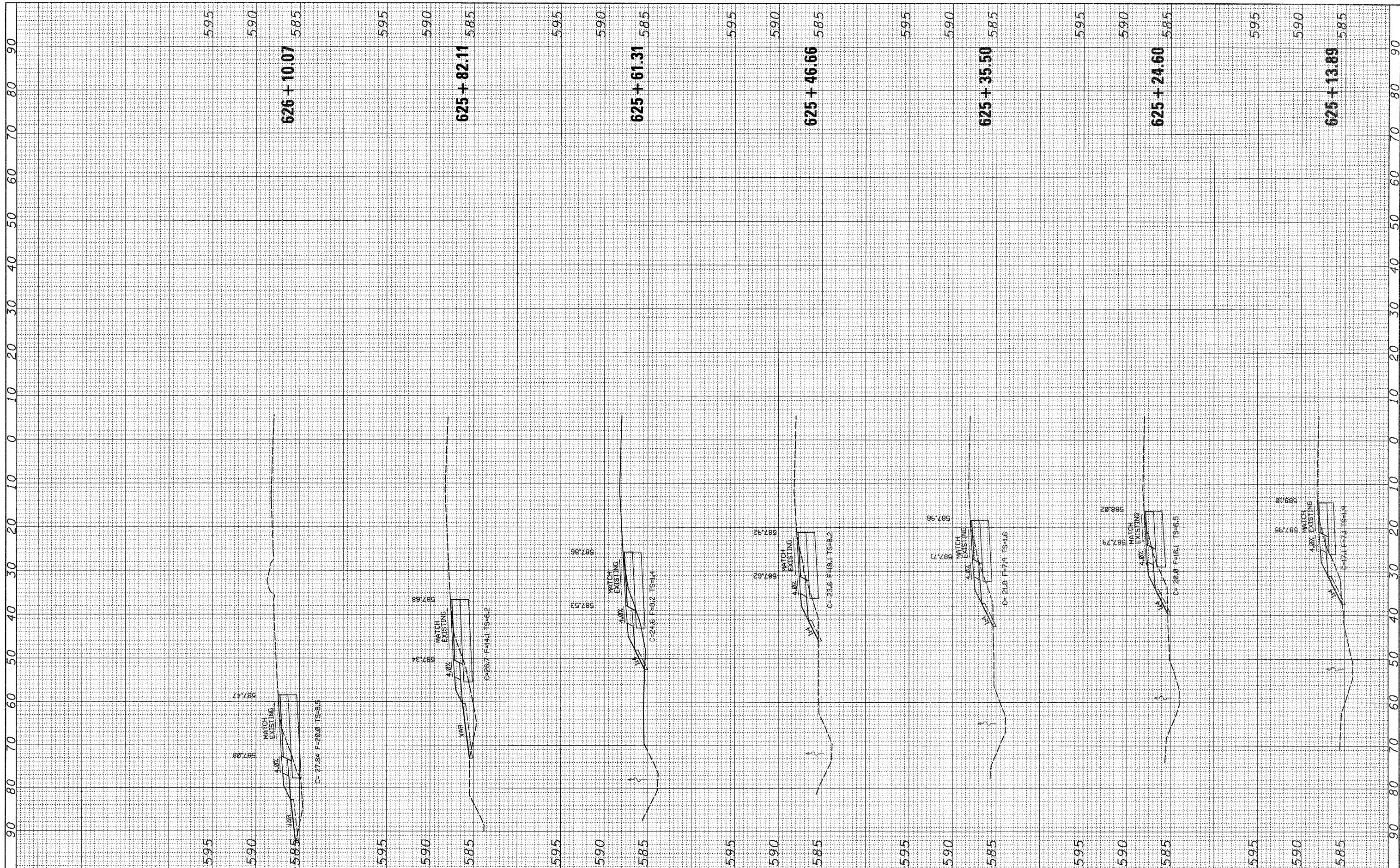
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NW Return Cross Sections
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 309	SECTION (20-1M)	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 45
CONTRACT NO. 64F37				
ILLINOIS FED. AID PROJECT				

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

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



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 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = Tue Dec 01 15:05:12 2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

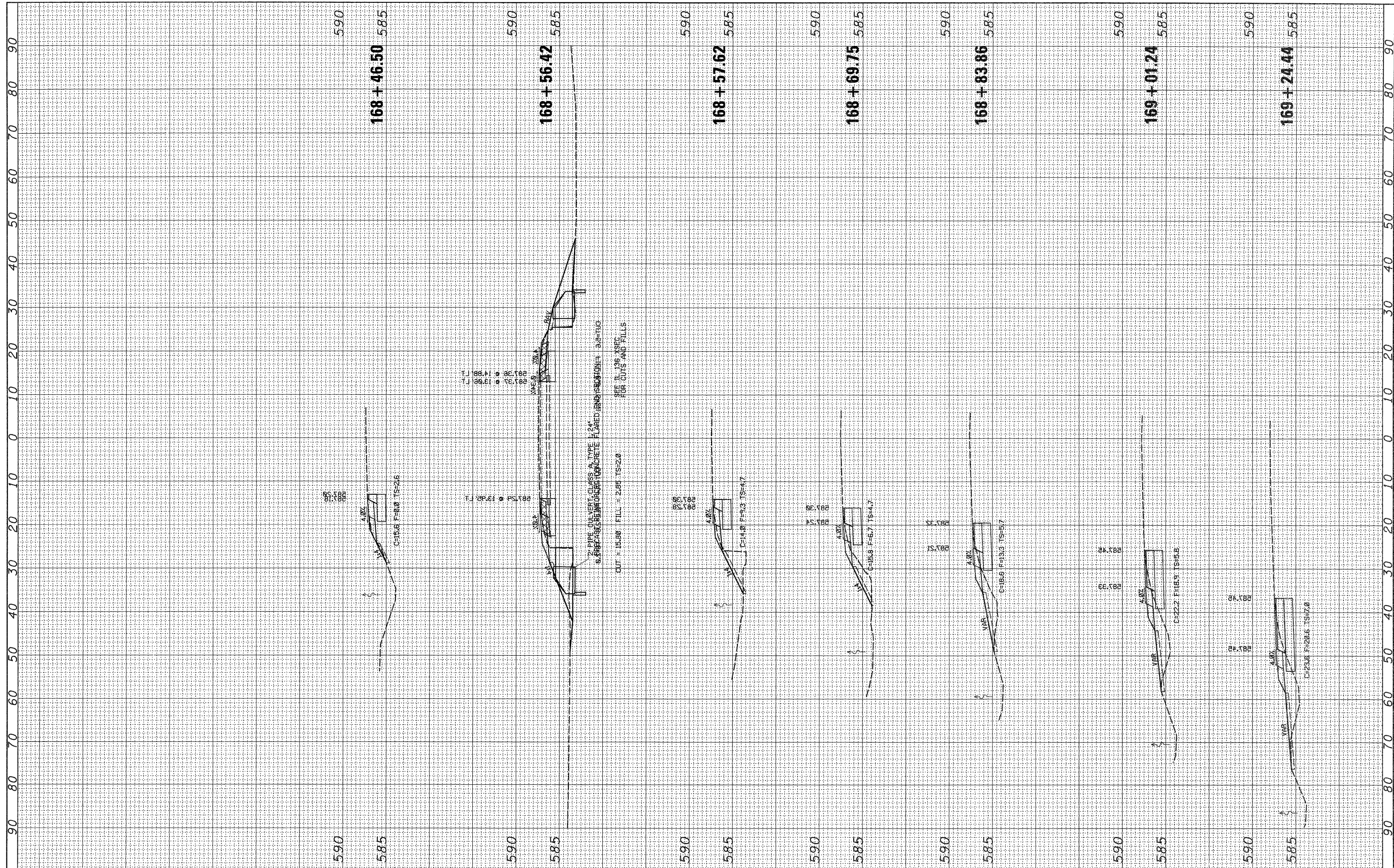
NW Return Cross Sections

SCALE: SHEET NO. OF SHEETS STA. 624+52.49 TO STA. 625+13.89

F.A.P. RTE. 309	SECTION (20-1M)	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 46
			CONTRACT NO. 64F37	
ILLINOIS FED. AID PROJECT				

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

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



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 USER NAME = hansonke
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 10,0000' / IN.
 PLOT DATE = Tue Dec 01 15:05:12 2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

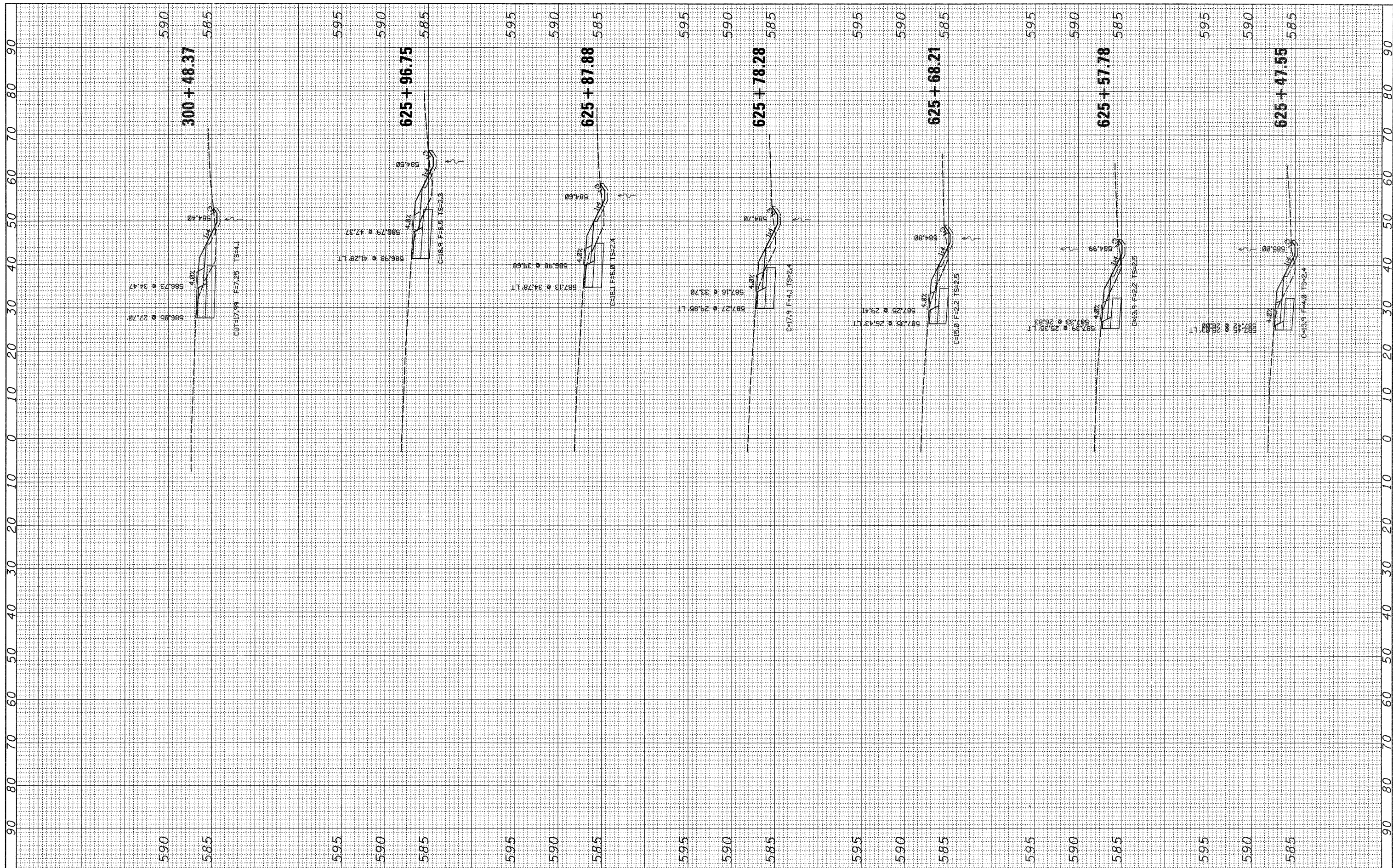
NW Return Cross Sections

SCALE: SHEET NO. OF SHEETS STA. 625+24.60 TO STA. 625+61.31

F.A.P. RTE. 309	SECTION (20-1M)	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 47
			CONTRACT NO. 64F37	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	DATE
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



FILE NAME =
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 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = Tue Dec 01 15:05:14 2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

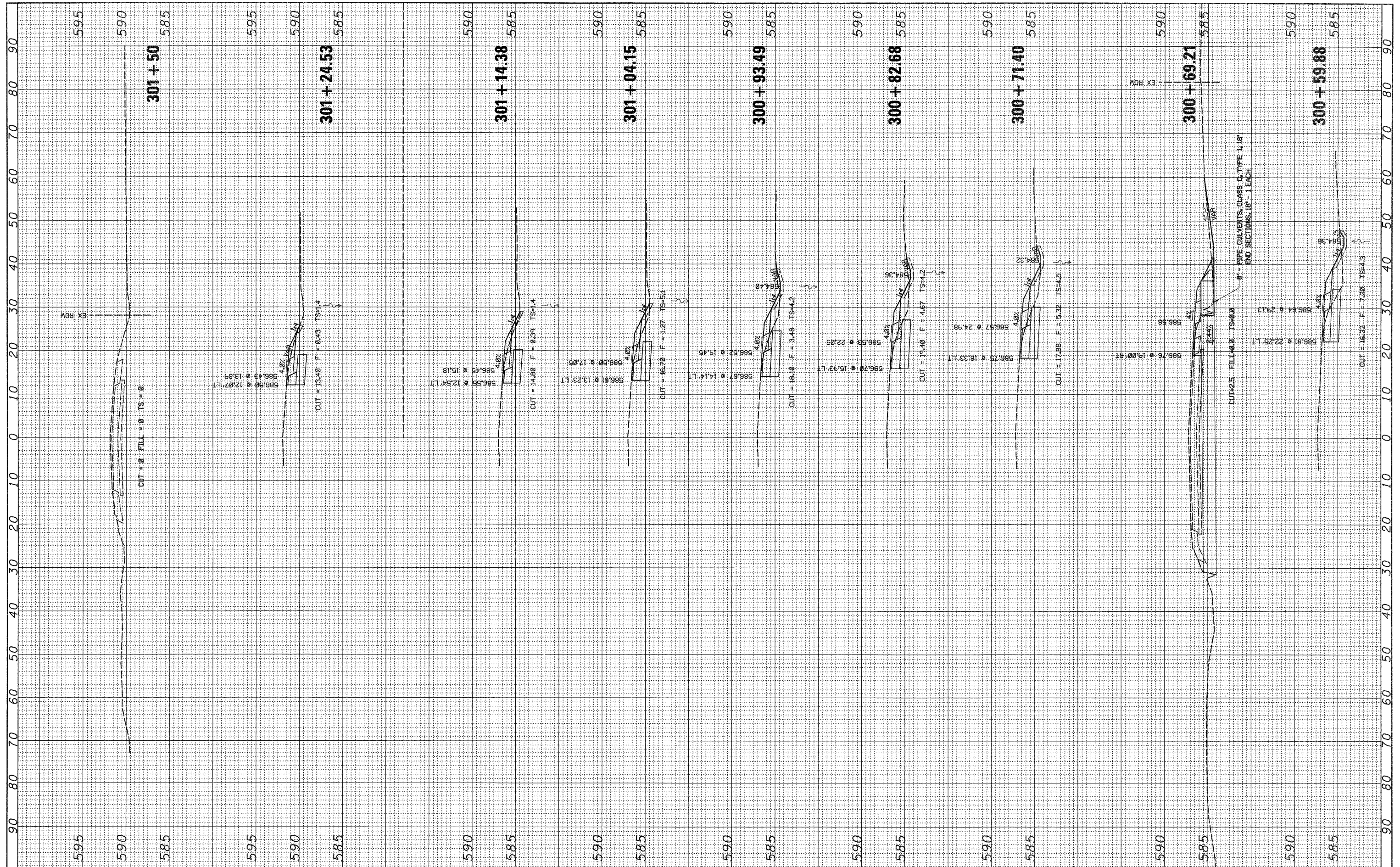
SW RETURN CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 625+24.60 TO STA. 625+61.31

F.A.P. RTE. 309	SECTION (20-1M)	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 48
			CONTRACT NO. 64F37	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = hansonka
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PLOT SCALE = 10.0000' / IN.	
PLOT DATE = Tue Dec 01 15:05:15 2009	

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

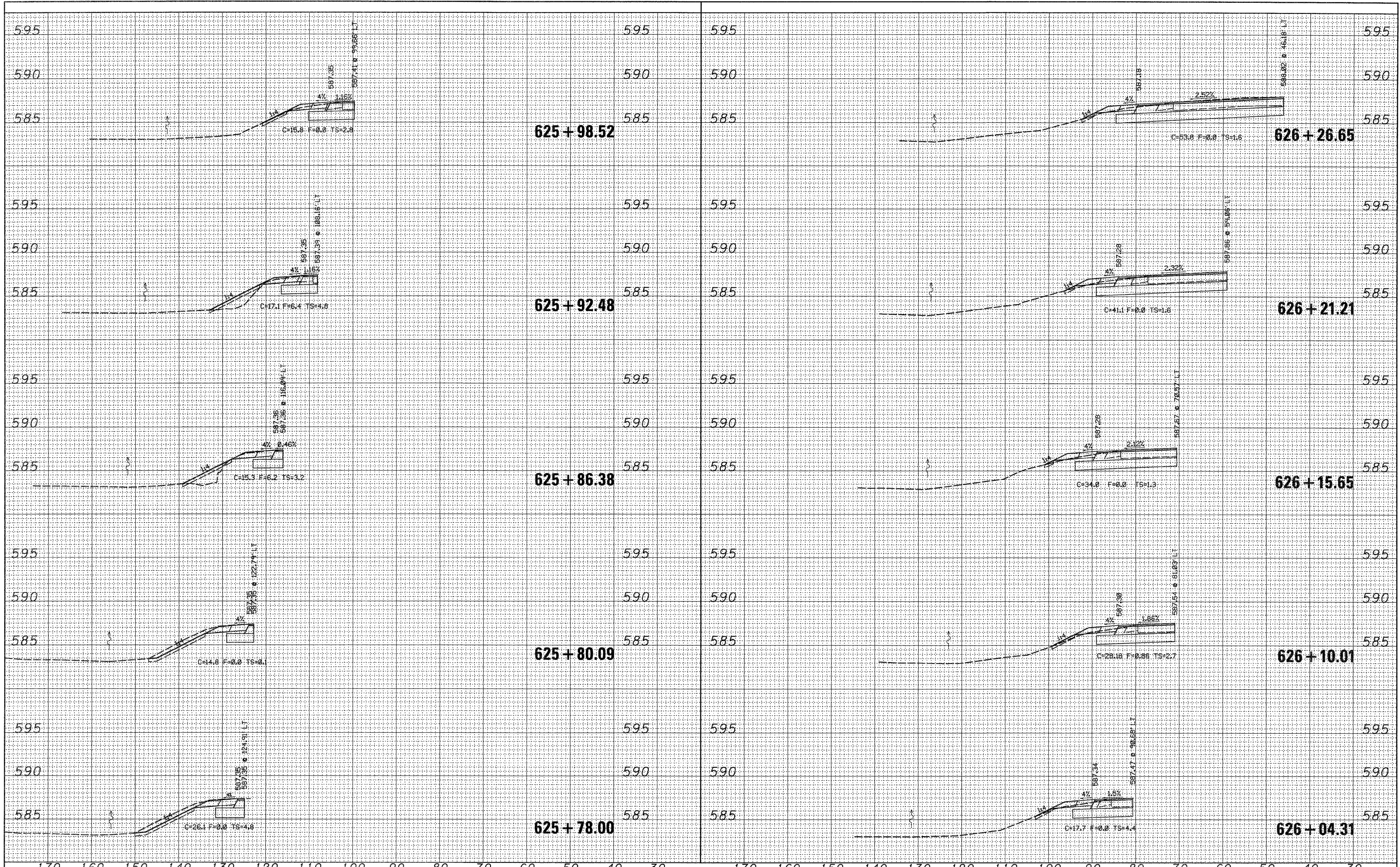
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SW RETURN CROSS SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. 300+48.37 TO STA. 301+14.38

F.A.P. RTE. 309	SECTION (20-1M)	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 49
CONTRACT NO. 64F37			ILLINOIS FED. AID PROJECT	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	

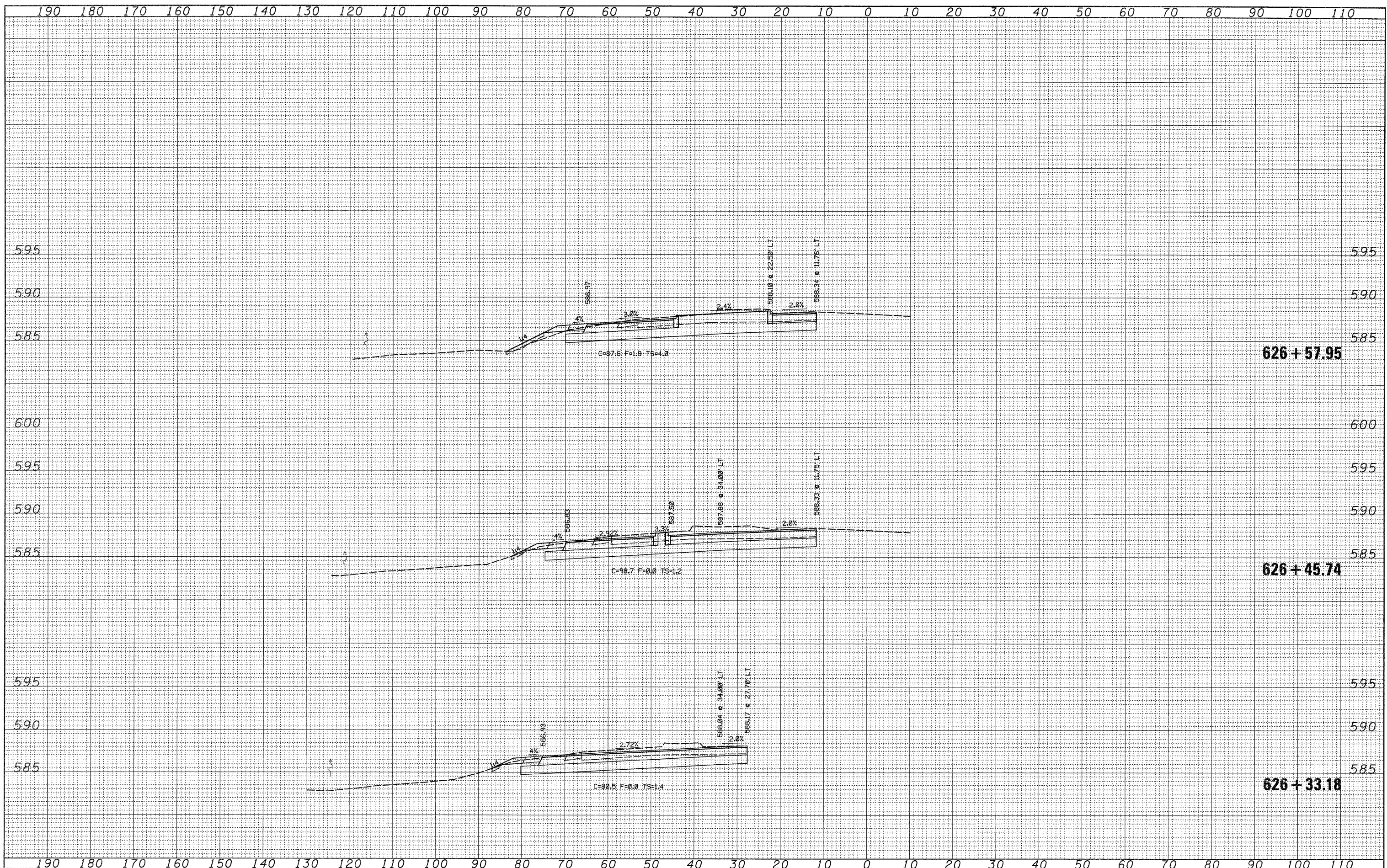
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SURVEYED	
PLOTTED	
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NOTE BOOK	
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FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NE RETURN CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pw_work\pvidat\hensonke\0128002\p01708-returns.dgn		DRAWN -	REVISED -		309	(20-1M)	WHITESIDE	53	50				
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 626+33.18 TO STA. 626+57.95				CONTRACT NO. 64F37				
PLOT DATE = Tue Dec 01 14:58:37 2009		DATE	REVISED -		ILLINOIS FED. AID PROJECT								

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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USER NAME = hensonke
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 PLOT DATE = Tue Dec 01 14:58:38 2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

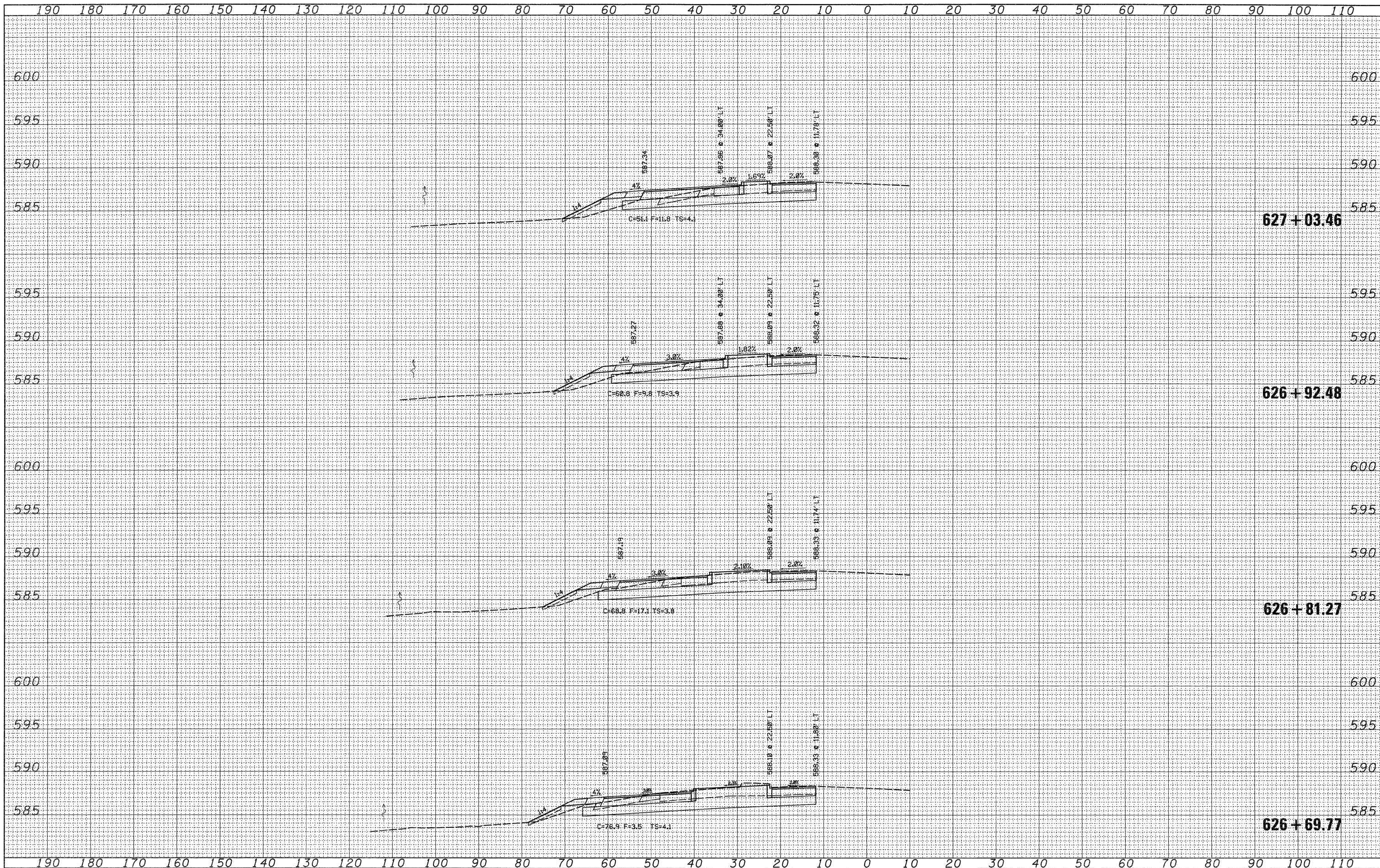
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NE RETURN CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 626+69.77 TO STA. 626+92.48

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	WHITESIDE	53	51
CONTRACT NO. 64F37				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME =
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 DESIGNED -
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 CHECKED -
 DATE - Tue Dec 01 14:58:38 2009

DESIGNED -
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 CHECKED -
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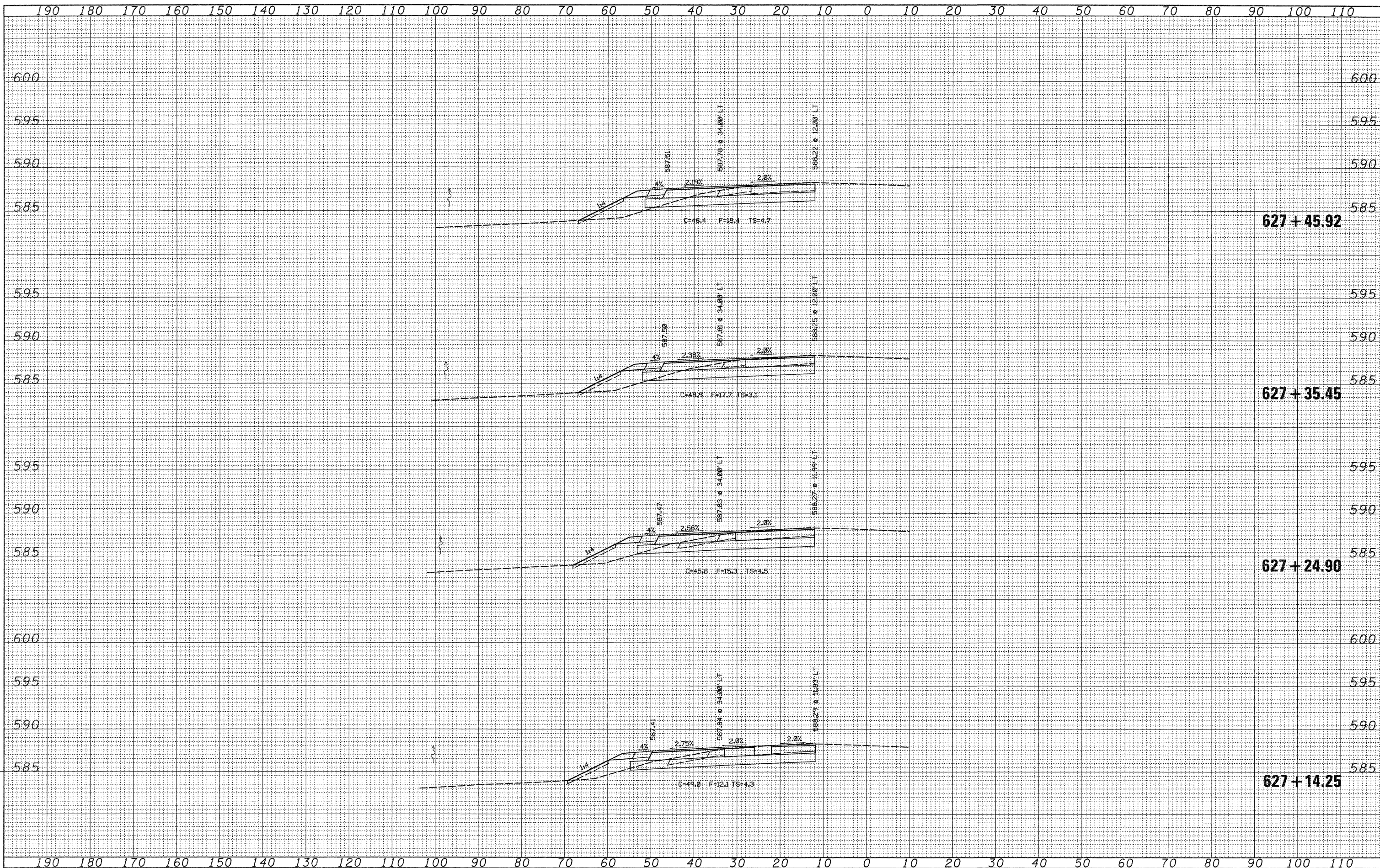
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NE RETURN CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 627+03.46 TO STA. 627+24.90

F.A.P. RTE. 309	SECTION (20-1)M	COUNTY WHITESIDE	TOTAL SHEETS 53	SHEET NO. 52
CONTRACT NO. 64F37			ILLINOIS FED. AID PROJECT	



BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

FILE NAME =
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USER NAME = hensonke
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISIED -
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 REVISIED -
 REVISIED -

PLOT SCALE = 10.0000' / IN.
 PLOT DATE = Tue Dec 01 14:58:39 2009

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NE RETURN CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 627+35.45 TO STA. 627+45.92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(20-1)M	WHITESIDE	53	53
CONTRACT NO. 64F37				
ILLINOIS FED. AID PROJECT				