

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 331 (ILLINOIS 13)
SECTION (1X-1)R-1,RS-2,N-2,TS-3
PROJECT NHF-0331(056)
INTERSECTION IMPROVEMENTS
WILLIAMSON COUNTY

C-99-009-10

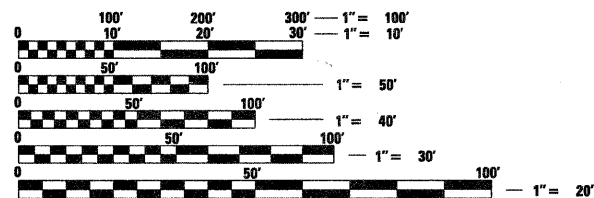
FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

LOCATION	ADT	% TRUCKS
NORTH CARBON ST NORTH OF IL 13	8800	35.2%
IL 13 EAST OF NORTH CARBON ST	25,900	18.2%
SOUTH CARBON ST OF IL 13	16,200	38.1%
IL 13 W OF NORTH CARBON ST	31,400	14.0%

TOWNSHIPS

MARION

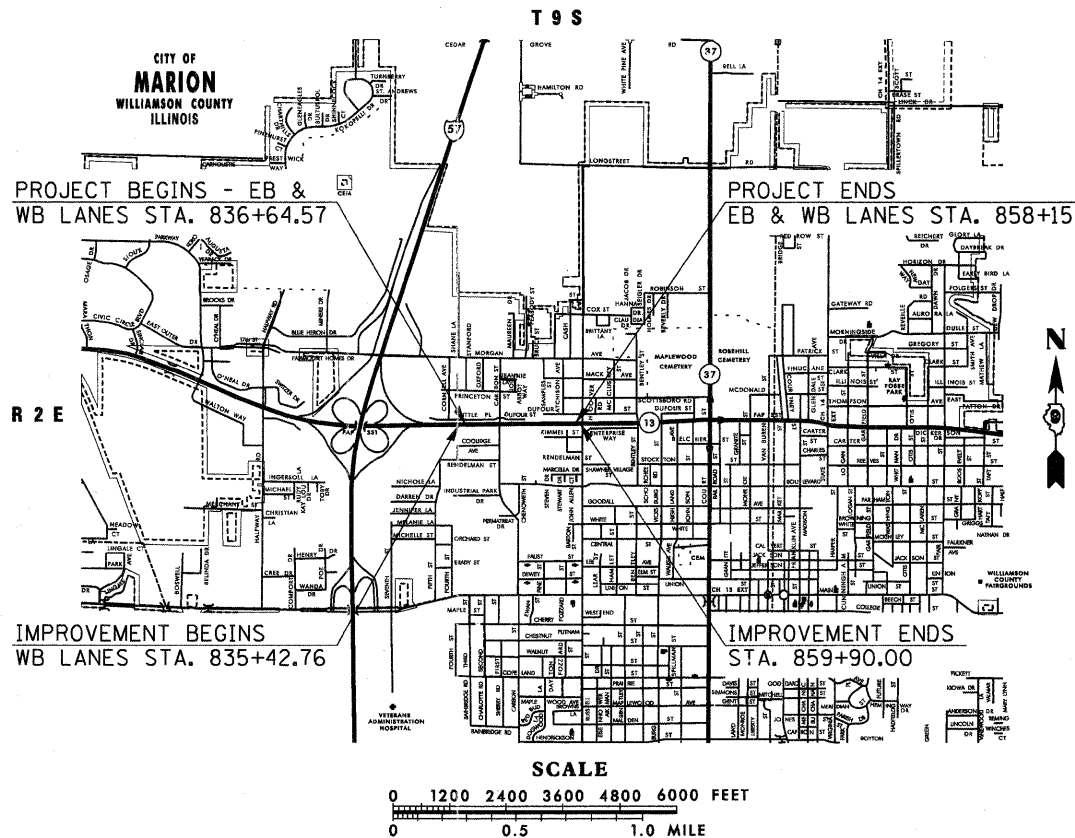


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SUSAN POE
 618-351-5213

CONTRACT NO. 78155



PROJECT LENGTH - IL 13
 NET LENGTH = 2,150.43 FT. = 0.407 MILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	1

ILLINOIS CONTRACT NO. 78155
 # 167 + 1 = 168

D-99-009-10



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 23 20 11
Mary C. Lewis
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 13 20 11
Scott E. Stitt, P.E.
 Acting ENGINEER OF DESIGN AND ENVIRONMENT

May 13 20 11
Christine M. Road
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kit Niles
DISTRICT OPERATIONS ENGINEER

Examined By: KRL
DISTRICT CONSTRUCTION ENGINEER

Examined By: Anna co F. Riddle
DISTRICT MATERIALS ENGINEER

Approved By: Nancy C. Lomic
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

March 23 20 11
DATE

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ci:\pw_work\pwork\thomashf\08157472\7815	5-sh1-misc.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	2
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 78155										
	PLOT DATE = 3/21/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

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	HIGHWAY STANDARDS

HIGHWAY STANDARDS

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BLR 22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2-LANE 2-WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, AND HIGHWAY STANDARDS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\thomashf\d0157472\7815	5-shit-misc.dgn	DRAWN -	REVISED -						331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	3
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 78155								
	PLOT DATE = 5/5/2011	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	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 2.016 TONS/CU. YD.	BITUMINOUS MATERIALS:
ALL AGGREGATE 2.05 TONS/CU. YD.	ON PAVEMENT 0.09 GAL./SQ. YD.
RIPRAP 1.50 TONS/CU. YD.	INTERMEDIATE LIFTS(FOG COAT) 0.04 GAL./SQ. YD.
AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.	ON AGGREGATE SURFACE 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 PCC PAVEMENT, CONCRETE 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 LOCATION 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. THE QUANTITY FOR BITUMINOUS MATERIALS PRIME COAT INCLUDED IN THE PLANS IS BASED ON AN ANTICIPATED SEQUENCE OF CONSTRUCTION, AND 4" MAXIMUM LIFTS. THE ACTUAL QUANTITY MAY VARY DEPENDING ON THE CONTRACTOR'S SEQUENCE OF OPERATIONS.
8. PAYMENT FOR TIEBARS AND DOWEL BARS SHALL BE INCLUDED IN THE COST OF THE PROPOSED PAVEMENT AND/OR COMBINATION CONCRETE CURB AND GUTTER.
9. 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.
10. 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.
11. 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.
12. 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.
13. THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR HMA SURFACE REMOVAL, INDIVIDUAL LIFTS OF HMA BINDER AND SURFACE, AT THE RATE OF 4 FEET IN 40 FEET.
14. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATIONS ARE NOT GUARANTEED TO BE AS SHOWN IN THE PLANS.
15. ALL PIPE CULVERT OR STORM SEWER EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 542.05 OF THE STANDARD SPECIFICATIONS. PRIOR TO EXTENDING ANY PIPE CULVERT OR STORM SEWER, THE ENTIRE LENGTH OF THE EXISTING PIPE CULVERT OR STORM SEWER SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.
16. CONNECTING OF NEW OR EXISTING STORM SEWERS 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 CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.
17. 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.
18. 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.
19. STONE RIPRAP USED IN DITCHES SHOULD BE PLACED IMMEDIATELY UPON COMPLETION OF EARTHWORK AND GRADING IN ORDER TO PREVENT EROSION.
20. THE REMOVAL OF BROKEN CONCRETE IN EXISTING DITCHES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
21. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ANY DEBRIS OR DIRT CAUSED BY CONSTRUCTION ACTIVITY THAT COVERS THE NEW RIPRAP AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
22. 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.
23. PLACEMENT AND LOCATION OF PERMANENT SURVEY MARKERS SHALL BE DETERMINED BY THE ENGINEER IN COORDINATION WITH THE DISTRICT 9 SURVEYS UNIT. IN ADDITION TO THE REQUIREMENTS OF STANDARD 667101, BACKFILL USED IN CONJUNCTION WITH PRECAST MARKERS SHALL BE QUICK-MIX CONCRETE OR SIMILAR MATERIAL APPROVED BY THE ENGINEER.
24. EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.
25. THE TRAFFIC OPERATIONS ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION OF MAST ARM AND CONTROLLER FOUNDATIONS, HANDHOLES, AND GULFBOX JUNCTIONS AND SHALL APPROVE THE LOCATIONS OF EACH AND MAY ADJUST TO FIT FIELD CONDITIONS IF NECESSARY.
26. THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
27. SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.
28. WHILE SIGNAL HEADS ARE MOUNTED IN PLACE, BUT NOT YET IN OPERATION, THEY SHALL BE SECURELY COVERED IN WHITE PLASTIC.
29. SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
30. ALL NON-ESSENTIAL ELECTRIC CABLE SHALL BE REMOVED FROM EXISTING CONDUIT THAT IS TO BE USED FOR INSTALLATION OF PROPOSED ELECTRIC CABLE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE PROPOSED ELECTRIC CABLE PAY ITEM.
31. THE FURNISHING AND INSTALLATION OF THE 1 1/4" CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT OR HANDHOLE WILL BE INCIDENTAL TO THE LOOP INSTALLATION AND SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK.
32. DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO FINAL SURFACE INSTALLATION. THE DETECTOR LOOP CORNERS SHALL BE DIAGONALLY CUT. IF RESURFACING IS NOT INCLUDED, THEN THE DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2" MIN DIAMETER.
33. CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.
34. THE FINAL LOCATION OF THE DETECTOR LOOPS SHALL BE APPROVED BY THE BUREAU OF OPERATIONS PRIOR TO INSTALLATION.
35. ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 6 FT FROM THE FACE OF CURB TO THE CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS WILL BE LOCATED NO CLOSER THAN 4 1/2" FROM FACE OF CURB TO CENTER OF POST, UNLESS SHOWN OTHERWISE ON THE PLANS.
36. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\thomashf\d0157472\7815	5-shr-misc.dgn	DRAWN -	REVISED -			331	(IX-DR-1,RS-2,N-2,TS-3	WILLIAMSON	167	4	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 3/21/2011	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

COMMITMENTS

COMMITMENT MADE TO WENDY'S, MARCUS KOLB 618-315-0810:

TO MINIMIZE IMPACT ON THE BUSINESS, THE DEPARTMENT WILL COMPLETE ALL WORK IN THE EASEMENT AREAS OF THE PARKING LOT AREA BETWEEN THE HOURS OF 8 PM AND 11 AM, UNLESS APPROVED BY MARCUS KOLB, OPERATOR AND OWNER OF WENDY'S

CONTRACTOR WILL NOT STORE ANY EQUIPMENT, SUPPLIES OR MATERIAL IN THE EASEMENT AREAS

CONTRACTOR WILL NOT ALLOW ANY HEAVY EQUIPMENT SUCH AS DUMP TRUCKS, BACKHOES, ETC. ON WENDY'S PARKING LOT

CONTRACTOR WILL NOTIFY MR. MARCUS KOLB ONE WEEK PRIOR TO BEGINNING ANY WORK IN THE PARKING LOT PORTION OF THE EASEMENT AREAS

MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0%, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL 12.5 MM
FRICTION AGGREGATE:	E SURFACE

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS (TOP LIFT)
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL 12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE (TOP LIFT)
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0%, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	NONE

LOCATION(S):	HOT-MIX ASPHALT LEVELING BINDER
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0%, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL 12.5 MM
FRICTION AGGREGATE:	NONE

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE (LOWER LIFTS) AND HOT-MIX ASPHALT SHOULDERS (LOWER LIFTS)
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	NONE

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ci:\pwork\pwork\thomashf\0157472\78159.sht-misc.dgn		DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	5	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 3/21/2011		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES					SUMMARY OF QUANTITIES						
URBAN					URBAN						
CODE NO.	ITEM	CONSTRUCTION TYPE CODE	TOTAL QUANTITIES	0003	0021	CODE NO.	ITEM	CONSTRUCTION TYPE CODE	TOTAL QUANTITIES	0003	0021
		UNIT		ROADWAY 80% FEDERAL 20% STATE	TRAFFIC SIGNALS 80% FEDERAL 20% STATE			UNIT		ROADWAY 80% FEDERAL 20% STATE	TRAFFIC SIGNALS 80% FEDERAL 20% STATE
* X0325272	TRAFFIC SIGNAL POST, SPECIAL	EACH	2		2	40600982	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	87	87	
X0358300	REMOVE AND RELAY END SECTIONS	EACH	1	1		40600990	TEMPORARY RAMP	SQ YD	202	202	
X4403800	MEDIAN SURFACE REMOVAL	SQ FT	10052	10052		40603575	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	867	867	
X6024240	INLETS, SPECIAL	EACH	24	24		40701976	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"	SQ YD	5812	5812	
X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	198	198		42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	7088	7088	
* X7340100	CONCRETE FOUNDATIONS, GROUND MOUNT	CU YD	2.8	2.8		42001300	PROTECTIVE COAT	SQ YD	10927	10927	
* X7830068	GROOVING FOR RECESSED PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	404	404		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"	SQ YD	147	147	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING - 5"	FOOT	5949	5949		42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	7625	7625	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING - 13"	FOOT	397	397		44000100	PAVEMENT REMOVAL	SQ YD	5083	5083	
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING - 25"	FOOT	274	274		44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	5846	5846	
* X8050115	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1		1	44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	4610	4610	
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	534	534	
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2566	2566	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		44003100	MEDIAN REMOVAL	SQ FT	11035	11035	
Z0022800	FENCE REMOVAL	FOOT	1162	1162		44004000	PAVED DITCH REMOVAL	FOOT	110	110	
Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		44004250	PAVED SHOULDER REMOVAL	SQ YD	3401	3401	
Z0033062	RADIO TRANSCEIVER	EACH	1		1	44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	104.1	104.1	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	64	64		44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2892	2892	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	222	222		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1675	1675	
20200100	EARTH EXCAVATION	CU YD	8287	8287		50105220	PIPE CULVERT REMOVAL	FOOT	11.7	11.7	
20800150	TRENCH BACKFILL	CU YD	936	936		50300225	CONCRETE STRUCTURES	CU YD	70.2	70.2	
* 25000115	SEEDING, CLASS 1 B	ACRE	3.3	3.3		50800205	REINFORCEMENT BARS, EPOXY COATED	LBS	12230	12230	
* 25000350	SEEDING, CLASS 7	ACRE	3.3	3.3		50901720	BICYCLE RAILING	FOOT	250	250	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	528	528		51100100	SLOPE WALL 4 INCH	SQ YD	34	34	
* 25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	396	396		54002020	EXPANSION BOLTS, 3/4 INCH	EACH	44	44	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	396	396		54003000	CONCRETE BOX CULVERTS	CU YD	44.6	44.6	
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	6.6	6.6		54200229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	200	200	
* 25100115	MULCH, METHOD 2	ACRE	6.6	6.6		54213459	END SECTIONS 24"	EACH	2	2	
* 25100630	EROSION CONTROL BLANKET	SQ YD	868	868		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"	EACH	2	2	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	990	990		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	EACH	1	1	
28000305	TEMPORARY DITCH CHECKS	FOOT	484	484		54215421	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 21"	EACH	1	1	
28000400	PERIMETER EROSION BARRIER	FOOT	1630	1630		54390150	INSERTION CULVERT LINER 20"	FOOT	119	119	
28000500	INLET AND PIPE PROTECTION	EACH	10	10		550A0050	STORM SEWER, CLASS A, TYPE 1 12"	FOOT	1260	1260	
28100107	STONE RIP-RAP, CLASS A4	SQ YD	774	774		550A0070	STORM SEWER, CLASS A, TYPE 1 15"	FOOT	417	417	
28200200	FILTER FABRIC	SQ YD	774	774		550A0090	STORM SEWER, CLASS A, TYPE 1 18"	FOOT	203	203	
31100500	SUB-BASE GRANULAR MATERIAL, TYPE A, 6"	SQ YD	9430	9430		550A0120	STORM SEWER, CLASS A, TYPE 1 24"	FOOT	104	104	
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A, 8"	SQ YD	7629	7629		55100500	STORM SEWER REMOVAL, 12"	FOOT	49	49	
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	415	415		55100700	STORM SEWER REMOVAL, 15"	FOOT	237	237	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1047	1047		59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	1	1	
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GAL	2516	2516		60223700	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	
40600300	AGGREGATE (PRIME COAT)	TON	59	59		60500040	REMOVING MANHOLES	EACH	1	1	
40600855	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105	TON	407	407		60500060	REMOVING INLETS	EACH	4	4	

*SPECIALTY ITEM

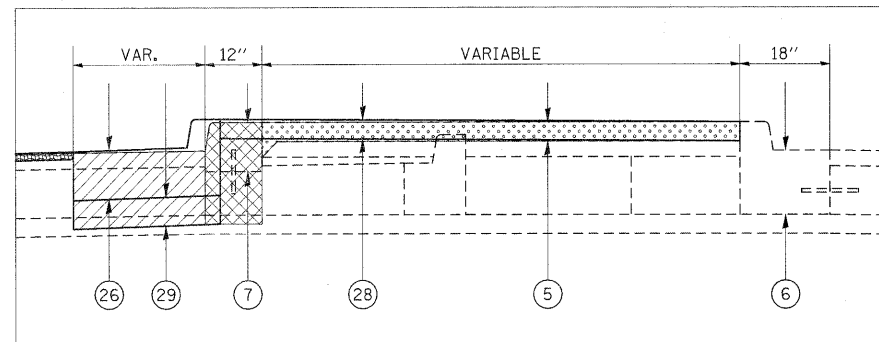
FILE NAME =	USER NAME = knightam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw-work\pwwidat\knightsam\d0157472\78155-sht-schedule.dgn		DRAWN -	REVISED -		331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	6				
PLOT SCALE = 50.6096' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/23/2011		DATE -	REVISED -		CONTRACT NO. 78155								

SUMMARY OF QUANTITIES					SUMMARY OF QUANTITIES										
URBAN					URBAN										
CODE NO.	ITEM	CONSTRUCTION TYPE CODE		0003		0021		CODE NO.	ITEM	CONSTRUCTION TYPE CODE		0003		0021	
		UNIT	TOTAL QUANTITIES	ROADWAY 80% FEDERAL 20% STATE	TRAFFIC SIGNALS 80% FEDERAL 20% STATE	UNIT	TOTAL QUANTITIES			ROADWAY 80% FEDERAL 20% STATE	TRAFFIC SIGNALS 80% FEDERAL 20% STATE	UNIT	TOTAL QUANTITIES	ROADWAY 80% FEDERAL 20% STATE	TRAFFIC SIGNALS 80% FEDERAL 20% STATE
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.9	5.9				81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	90		90		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	166	166				81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	34		34		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4023	4023				81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	143		143		
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	111	111				81021330	CONDUIT, PUSHED, 2" DIA., PVC	FOOT	126		126		
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	226	226				81021340	CONDUIT, PUSHED, 2 1/2" DIA., PVC	FOOT	26		26		
60618300	CONCRETE MEDIAN SURFACE, 4"	SQ FT	17235	17235				81021350	CONDUIT, PUSHED, 3" DIA., PVC	FOOT	162		162		
60622400	CONCRETE MEDIAN, TYPE SM-6.06	SQ FT	3061	3061				81021370	CONDUIT, PUSHED, 4" DIA., PVC	FOOT	115		115		
*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	FOOT	287.5	287.5				81400100	HANDHOLE	EACH	10		10		
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2				81500100	GULFBOX JUNCTION	EACH	3		3		
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2			*81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP - TYPE USE) 3-1/C NO. 10	FOOT	1029		1029			
66400105	CHAIN LINK FENCE, 4'	FOOT	625	625			*81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1159		1159			
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	3	3			*82103900	LUMINAIRE, SODIUM VAPOR, MULTIMOUNT, 250 WATT	EACH	8		8			
67100100	MOBILIZATION	L SUM	1	1			*82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT 60AMP	EACH	1		1			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	11	11			*83600350	LIGHT POLE FOUNDATION METAL, 11" BOLT CIRCLE, 8" X 6'	EACH	1		1			
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1			*85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	50	50			*86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1		1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24			*87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	1229		1229			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3591	3591			*87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FOOT	1743		1743			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	404	404			*87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9/C	FOOT	1080		1080			
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	6405	6405			*87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12/C	FOOT	516		516			
70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	463	463			*87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4901		4901			
70300280	TEMPORARY PAVEMENT MARKING-LINE 24"	FOOT	226	226			87700160	STEEL MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1		1			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4966	4966			87700180	STEEL MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1		1			
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	210	210			87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	4		4			
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1567	1567			87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6		6			
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	4	4			87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3		3			
*78004200	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	544	544			87800400	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	20		20			
*78004210	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	9805	9805			87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	60		60			
*78004250	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	463	463			*88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2			
*78004280	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	309	309			*88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	14		14			
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	7	7			*88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4		4			
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2			*88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2		2			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1383	1383			*88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2		2			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	52	52			*88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16		16			
80300100	LOCATING UNDERGROUND CABLE	FOOT	30			30	*88500100	INDUCTIVE LOOP DETECTOR	EACH	13		13			
80500105	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1	1			*88500200	INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT	EACH	5		5			
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	688			688	*88600100	DETECTOR LOOP, TYPE 1	FOOT	2328		2328			
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	108			108	*89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1			
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	105			105	*89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1			

*SPECIALTY ITEM

FILE NAME =	USER NAME = knightam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
en\pw\work\pw\dot\knightam\d0167472\7815	5-sht-schedule.dgn	DRAWN -	REVISED -		331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	7				
PLOT SCALE = 50.00'96" / IN.	CHECKED -	REVISED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/23/2011	DATE -	REVISED -	REVISED -						CONTRACT NO. 78155				

MEDIAN DETAIL



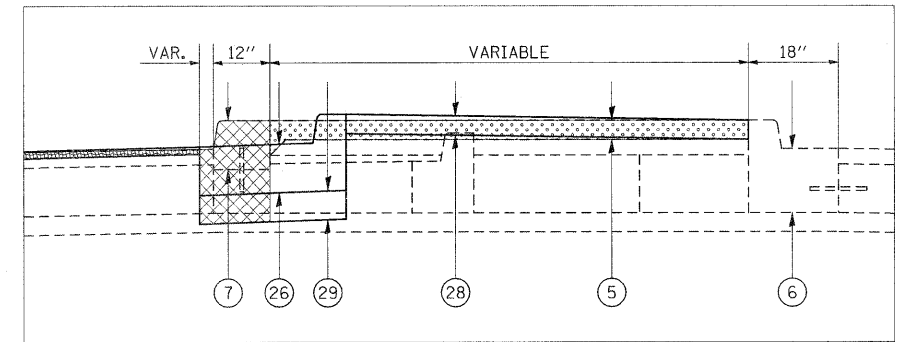
TO BE USED:
STA 835+42.76 TO STA 836+03.12

TYPICAL SECTION #1

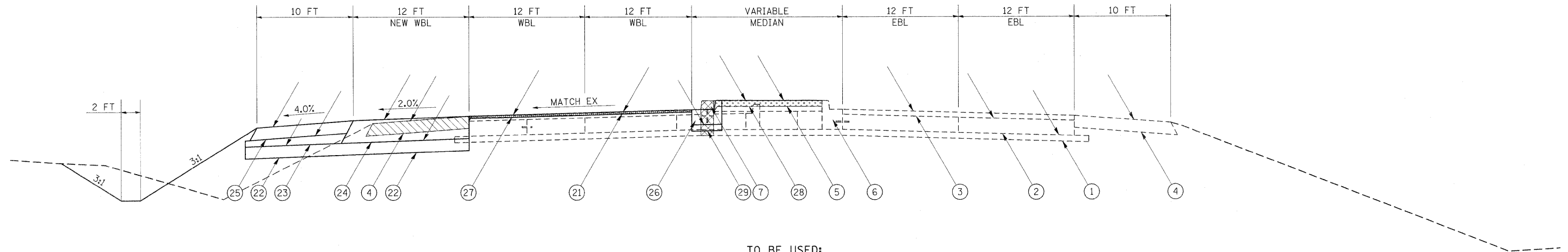
ADDITIONAL WB THROUGH LANE WITH RESURFACING

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

MEDIAN DETAIL

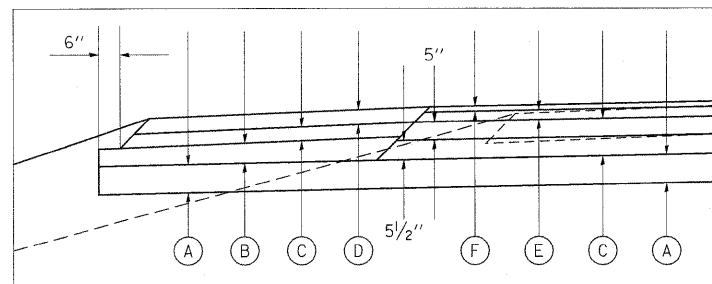


TO BE USED:
STA 836+03.12 TO STA 836+64.57



TO BE USED:
STA 835+42.76 TO STA 836+64.57

PAVING DETAIL



- (A) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- (B) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- (C) HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
- (E) POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
- (F) POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"

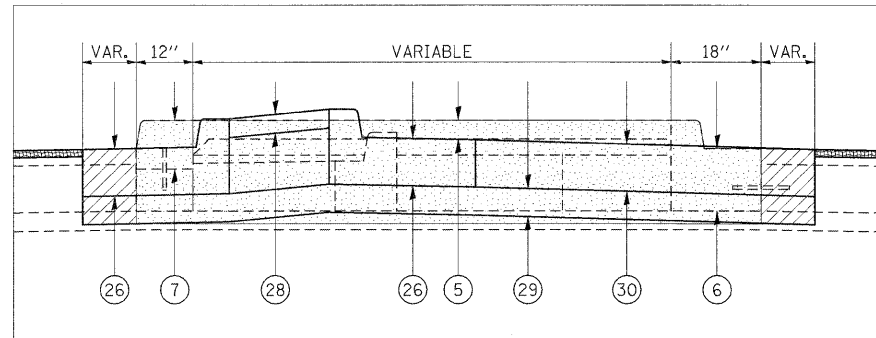
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

LEGEND

- (1) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4"
 - (2) EXISTING PCC PAVEMENT 10"
 - (3) EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4"
 - (4) EXISTING HOT-MIX ASPHALT SHOULDER 8"
 - (5) EXISTING CONCRETE MEDIAN SURFACE 4"
 - (6) EXISTING COMBINATION C&G TYPE B-6.12
 - (7) EXISTING BARRIER CURB, SPECIAL
 - (8) EXISTING COMBINATION C&G TYPE B-6.24
 - (9) EXISTING SOLID MEDIAN, SB-6.06
 - (10) EXISTING PCC PAVEMENT 13"
 - (11) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7"
 - (21) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - (22) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
 - (23) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
 - (24) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"
 - (25) PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
 - (26) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (27) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2"
 - (28) PROPOSED CONCRETE MEDIAN SURFACE 4"
 - (29) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6"
 - (30) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10"
 - (31) PROPOSED CONCRETE MEDIAN, TYPE SB-6.06
 - (32) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - (33) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - (34) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4"
- PROPOSED PAVEMENT REMOVAL
 - PROPOSED PAVED SHOULDER REMOVAL
 - PROPOSED COMBINATION C&G REMOVAL
 - PROPOSED HMA SURFACE REMOVAL
 - PROPOSED MEDIAN REMOVAL
 - PROPOSED MEDIAN SURFACE REMOVAL

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78155							
PLOT DATE = 4/19/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: _____						SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____		

MEDIAN DETAIL



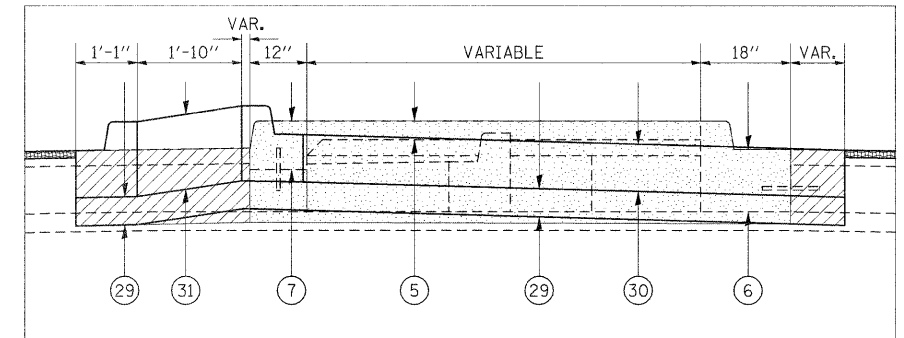
TO BE USED:
STA 836+64.57 TO STA 837+81.57

TYPICAL SECTION #2

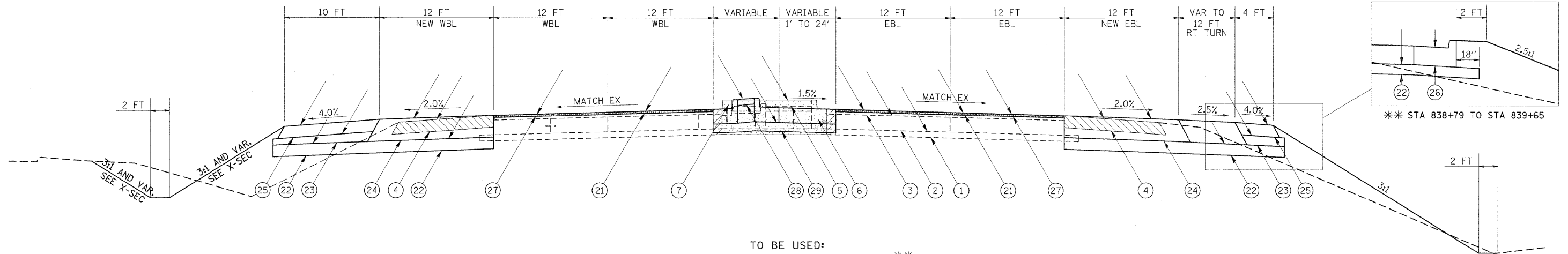
ADDITIONAL LANES WITH RESURFACING

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

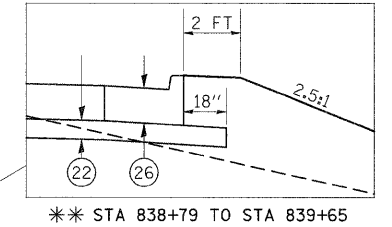
MEDIAN DETAIL



TO BE USED:
STA 837+81.57 TO STA 839+65.00

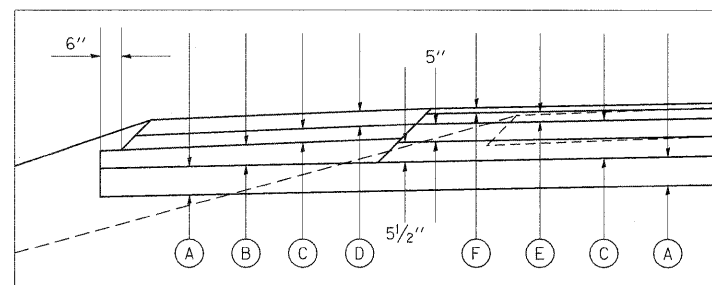


TO BE USED:
STA 836+64.57 TO STA 839+65.00**



** STA 838+79 TO STA 839+65

PAVING DETAIL



- (A) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- (B) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- (C) HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
- (E) POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
- (F) POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"

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

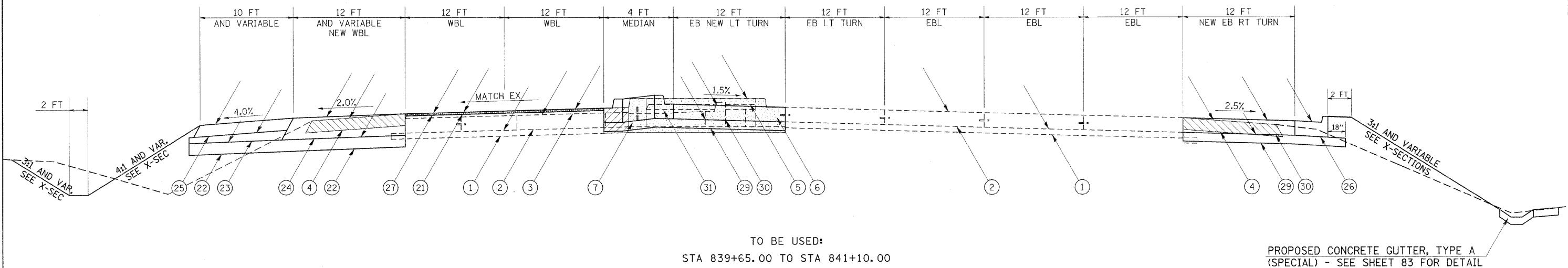
LEGEND

- (1) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4"
 - (2) EXISTING PCC PAVEMENT 10"
 - (3) EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4"
 - (4) EXISTING HOT-MIX ASPHALT SHOULDER 8"
 - (5) EXISTING CONCRETE MEDIAN SURFACE 4"
 - (6) EXISTING COMBINATION C&G TYPE B-6.12
 - (7) EXISTING BARRIER CURB, SPECIAL
 - (8) EXISTING COMBINATION C&G TYPE B-6.24
 - (9) EXISTING SOLID MEDIAN, SB-6.06
 - (10) EXISTING PCC PAVEMENT 13"
 - (11) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7"
 - (21) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - (22) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
 - (23) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
 - (24) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"
 - (25) PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
 - (26) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (27) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2"
 - (28) PROPOSED CONCRETE MEDIAN SURFACE 4"
 - (29) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6"
 - (30) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10"
 - (31) PROPOSED CONCRETE MEDIAN, TYPE SB-6.06
 - (32) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - (33) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
 - (34) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4"
- PROPOSED PAVEMENT REMOVAL
 - PROPOSED PAVED SHOULDER REMOVAL
 - PROPOSED COMBINATION C&G REMOVAL
 - PROPOSED HMA SURFACE REMOVAL
 - PROPOSED MEDIAN REMOVAL
 - PROPOSED MEDIAN SURFACE REMOVAL

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwdot\thomashf\d0157472\7815	5-sht-misc.dgn	DRAWN -	REVISED -			331	(IX-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	9	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 78155			
	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TYPICAL SECTION #3 ADDITIONAL LANES WITH RESURFACING

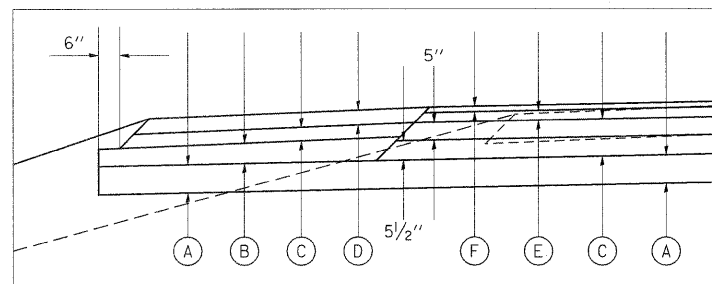
WILLIAMSON COUNTY
FAP 331 (IL 13)
(LOOKING EAST)



TO BE USED:
STA 839+65.00 TO STA 841+10.00

PROPOSED CONCRETE GUTTER, TYPE A
(SPECIAL) - SEE SHEET 83 FOR DETAIL

PAVING DETAIL



- (A) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- (B) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- (C) HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
- (E) POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
- (F) POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"

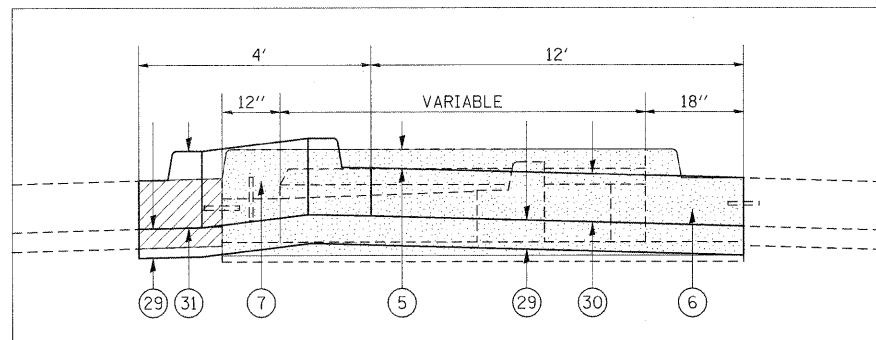
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

LEGEND

- (1) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4"
- (2) EXISTING PCC PAVEMENT 10"
- (3) EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4"
- (4) EXISTING HOT-MIX ASPHALT SHOULDER 8"
- (5) EXISTING CONCRETE MEDIAN SURFACE 4"
- (6) EXISTING COMBINATION C&G TYPE B-6.12
- (7) EXISTING BARRIER CURB, SPECIAL
- (8) EXISTING COMBINATION C&G TYPE B-6.24
- (9) EXISTING SOLID MEDIAN, SB-6.06
- (10) EXISTING PCC PAVEMENT 13"
- (11) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7"
- (12) PROPOSED PAVEMENT REMOVAL
- (13) PROPOSED PAVED SHOULDER REMOVAL
- (14) PROPOSED COMBINATION C&G REMOVAL
- (15) PROPOSED HMA SURFACE REMOVAL
- (16) PROPOSED MEDIAN REMOVAL
- (17) PROPOSED MEDIAN SURFACE REMOVAL
- (18) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- (19) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- (21) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"
- (22) PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- (23) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (24) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2"
- (25) PROPOSED CONCRETE MEDIAN SURFACE 4"
- (26) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6"
- (27) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10"
- (28) PROPOSED CONCRETE MEDIAN, TYPE SB-6.06
- (29) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (30) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
- (31) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4"

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

MEDIAN DETAIL



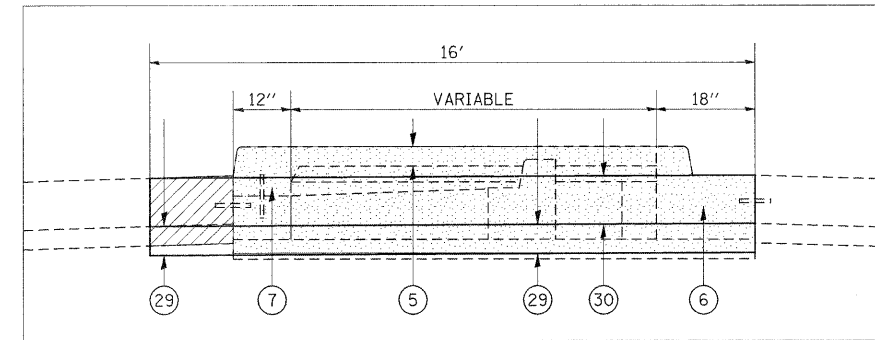
TO BE USED:
STA 841+10.00 TO STA 841+65.16

TYPICAL SECTION #4

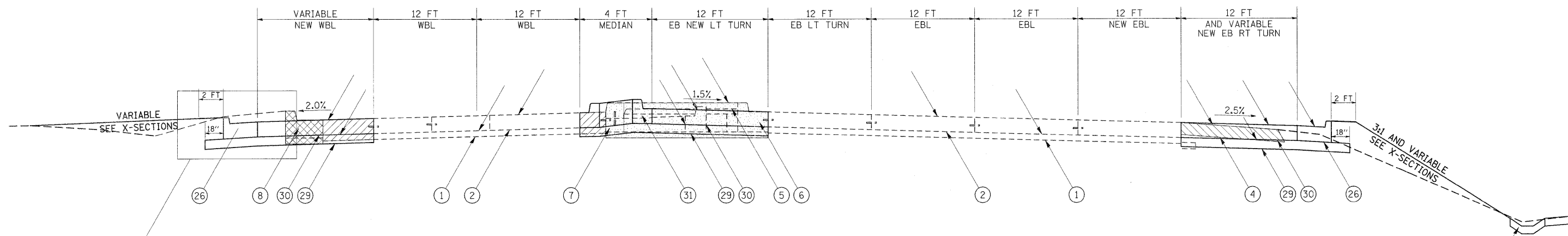
ADDITIONAL LANES

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

MEDIAN DETAIL

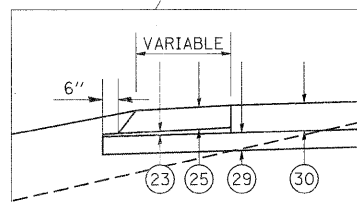


TO BE USED:
STA 841+65.16 TO STA 842+04.18**



TO BE USED:
STA 841+10.00 TO STA 842+23.08**

PROPOSED CONCRETE GUTTER, TYPE A
(SPECIAL) - SEE SHEET 83 FOR DETAIL



STA 841+10 TO STA 841+34.46 **

LEGEND

- | | |
|---|---|
| ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" | ②① PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ② EXISTING PCC PAVEMENT 10" | ②② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" | ②③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" | ②④ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" |
| ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" | ②⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EXISTING COMBINATION C&G TYPE B-6.12 | ②⑥ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| ⑦ EXISTING BARRIER CURB, SPECIAL | ②⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" |
| ⑧ EXISTING COMBINATION C&G TYPE B-6.24 | ②⑧ PROPOSED CONCRETE MEDIAN SURFACE 4" |
| ⑨ EXISTING SOLID MEDIAN, SB-6.06 | ②⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ⑩ EXISTING PCC PAVEMENT 13" | ③⑦ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" |
| ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | ③⑧ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| ⑫ PROPOSED PAVEMENT REMOVAL | ③⑨ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" |
| ⑬ PROPOSED PAVED SHOULDER REMOVAL | ③⑩ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" |
| ⑭ PROPOSED COMBINATION C&G REMOVAL | ③⑪ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
| ⑮ PROPOSED HMA SURFACE REMOVAL | ④① PROPOSED MEDIAN REMOVAL |
| | ④② PROPOSED MEDIAN SURFACE REMOVAL |

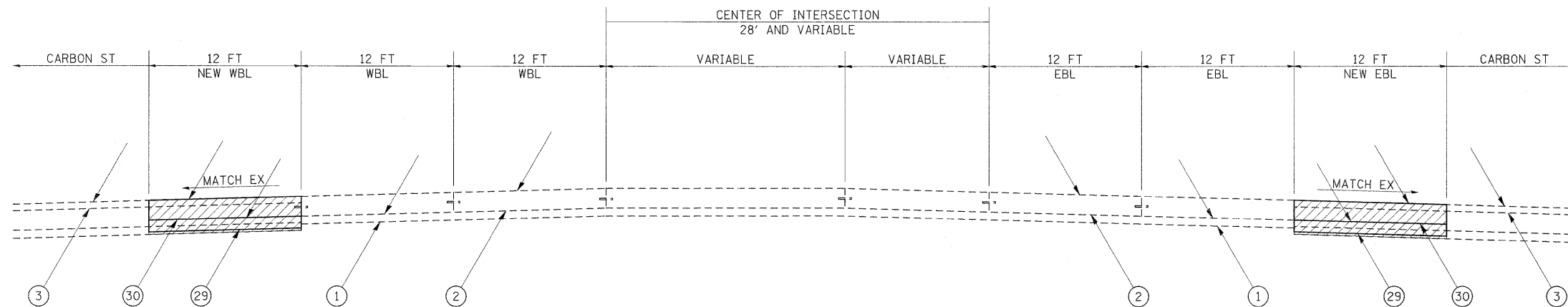
** WORK IN MEDIAN ENDS STA 842+04.18. EXISTING PAVEMENT SHALL REMAIN IN PLACE

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78155							
PLOT DATE = 4/19/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

TYPICAL SECTION #5







ADDITIONAL LANES

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



TO BE USED:
STA 842+23.08 TO STA 842+95.00

LEGEND

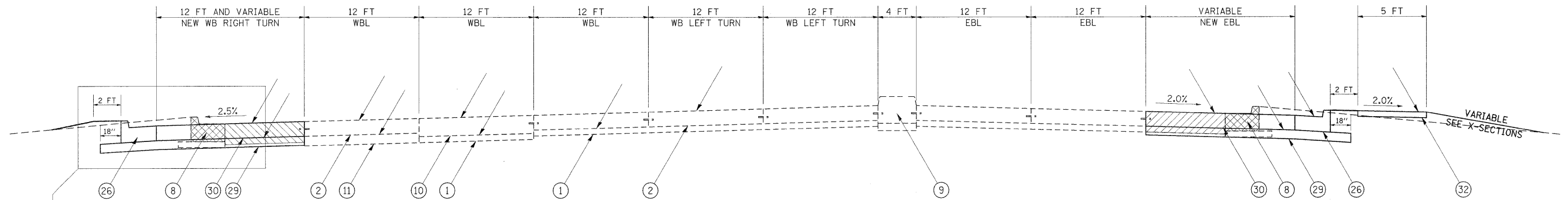
- | | |
|---|---|
| ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" | ②① PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ② EXISTING PCC PAVEMENT 10" | ②② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" | ②③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" | ②④ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" |
| ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" | ②⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EXISTING COMBINATION C&G TYPE B-6.12 | ②⑥ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| ⑦ EXISTING BARRIER CURB, SPECIAL | ②⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" |
| ⑧ EXISTING COMBINATION C&G TYPE B-6.24 | ②⑧ PROPOSED CONCRETE MEDIAN SURFACE 4" |
| ⑨ EXISTING SOLID MEDIAN, SB-6.06 | ②⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ⑩ EXISTING PCC PAVEMENT 13" | ③⑩ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" |
| ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | ③① PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
|  PROPOSED PAVEMENT REMOVAL | ③② PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" |
|  PROPOSED PAVED SHOULDER REMOVAL | ③③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" |
|  PROPOSED COMBINATION C&G REMOVAL | ③④ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
|  PROPOSED HMA SURFACE REMOVAL |  PROPOSED MEDIAN REMOVAL |
| |  PROPOSED MEDIAN SURFACE REMOVAL |

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78155				
PLOT DATE = 4/19/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
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TYPICAL SECTION #6

ADDITIONAL LANES

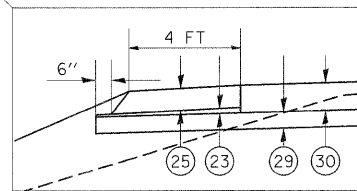
WILLIAMSON COUNTY
FAP 331 (IL 13)
(LOOKING EAST)



TO BE USED:
STA 842+95.00 TO STA 844+00.00**

LEGEND

- | | |
|---|---|
| ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" | ②① PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ② EXISTING PCC PAVEMENT 10" | ②② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" | ②③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" | ②④ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 1 3/4" |
| ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" | ②⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EXISTING COMBINATION C&G TYPE B-6.12 | ②⑥ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| ⑦ EXISTING BARRIER CURB, SPECIAL | ②⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" |
| ⑧ EXISTING COMBINATION C&G TYPE B-6.24 | ②⑧ PROPOSED CONCRETE MEDIAN SURFACE 4" |
| ⑨ EXISTING SOLID MEDIAN, SB-6.06 | ②⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ⑩ EXISTING PCC PAVEMENT 13" | ③① PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" |
| ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | ③② PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| ⑫ PROPOSED PAVEMENT REMOVAL | ③③ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" |
| ⑬ PROPOSED PAVED SHOULDER REMOVAL | ③④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" |
| ⑭ PROPOSED COMBINATION C&G REMOVAL | ③⑤ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
| ⑮ PROPOSED HMA SURFACE REMOVAL | ④① PROPOSED MEDIAN REMOVAL |
| | ④② PROPOSED MEDIAN SURFACE REMOVAL |



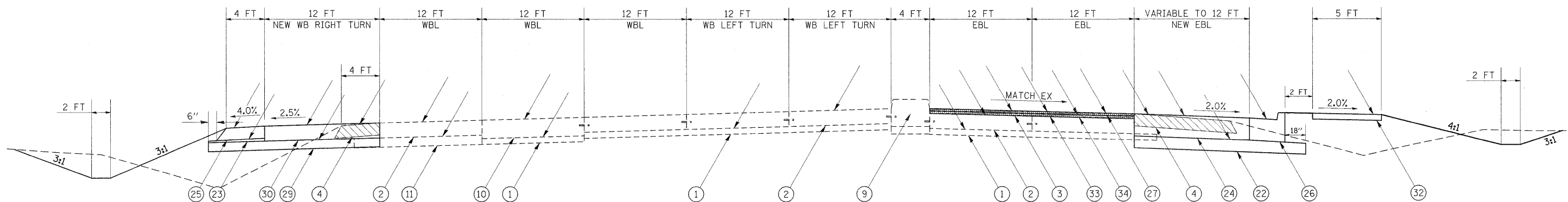
** STA 843+62 TO STA 844+00

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)				F.A.P. RTE. 331	SECTION (1X-1R-1,RS-2,N-2,TS-3	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 13
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		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -										

TYPICAL SECTION #7

ADDITIONAL LANES WITH RESURFACING

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

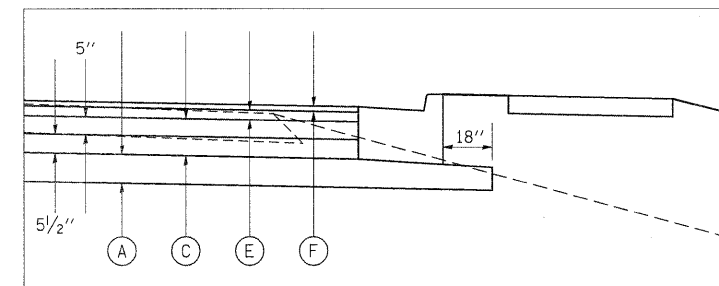


TO BE USED:
STA 844+00.00 TO STA 845+05.00

LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑮ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑱ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ⑲ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉑ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉒ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉓ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉔ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" ㉕ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
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| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
|--|--|

PAVING DETAIL



- Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- Ⓒ 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"

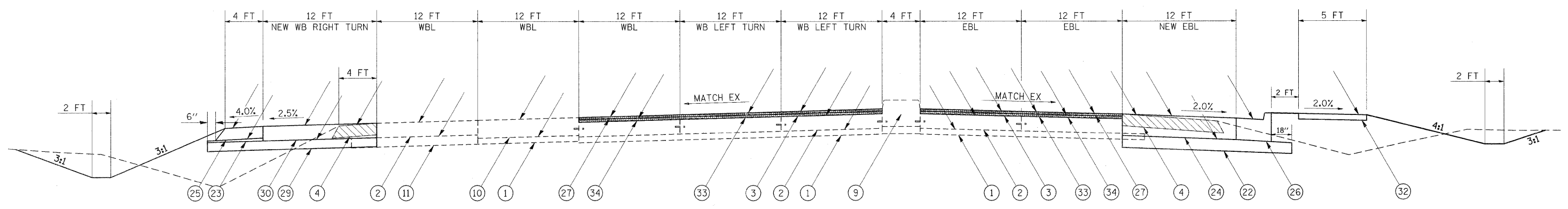
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TYPICAL SECTION #8

ADDITIONAL LANES WITH RESURFACING

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

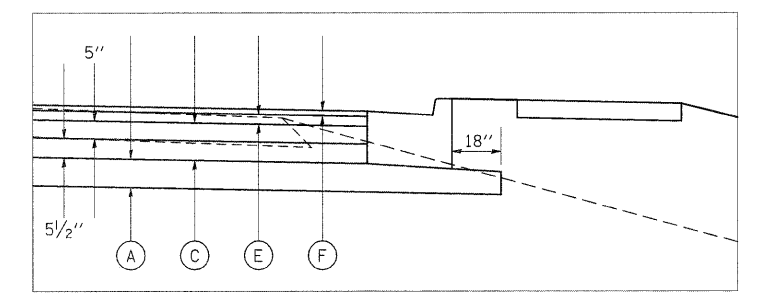


TO BE USED:
STA 845+05.00 TO STA 845+66.55

LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑮ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑱ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ⑲ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉑ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉒ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉓ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉔ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉕ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
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- | | |
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| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
|--|--|

PAVING DETAIL



- Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- Ⓒ 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"

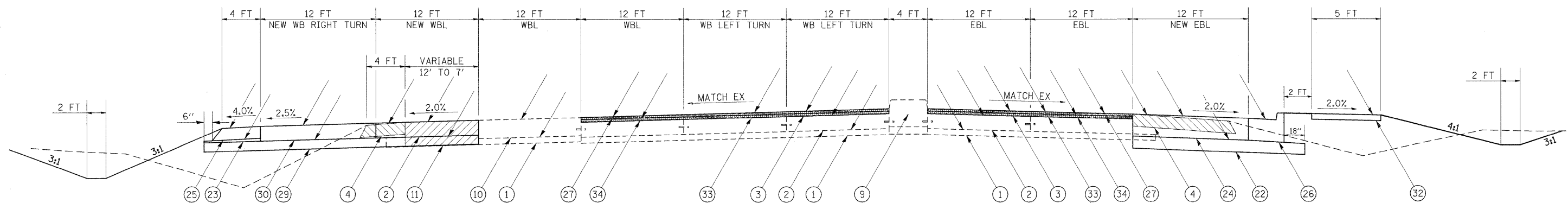
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwsdot\thomashf\0157472\78155-sh1-misc.dgn	DRAWN -	REVISED -	331			(IX-DR-1,RS-2,N-2,TS-3	WILLIAMSON	167	15	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -								
PLOT DATE = 4/19/2011	DATE -	REVISED -							CONTRACT NO. 78155	
						SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
						ILLINOIS FED. AID PROJECT				

TYPICAL SECTION #9

ADDITIONAL LANES WITH RESURFACING

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

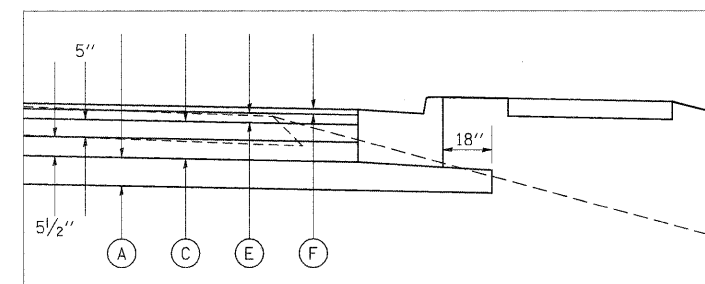


TO BE USED:
STA 845+66.55 TO STA 846+74.10

LEGEND

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| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑮ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑱ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ⑲ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉑ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉒ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉓ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉔ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" ㉕ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
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| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
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PAVING DETAIL



- Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- Ⓒ 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"

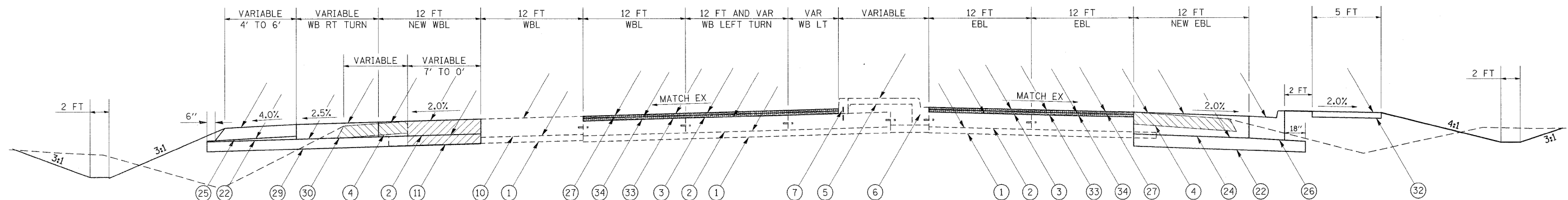
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\thomashf\ad0157472\78155-sh1-misc.dgn		DRAWN -	REVISED -			331	(IX-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	16	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.					
PLOT DATE = 4/19/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TYPICAL SECTION #10

ADDITIONAL LANES WITH RESURFACING

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

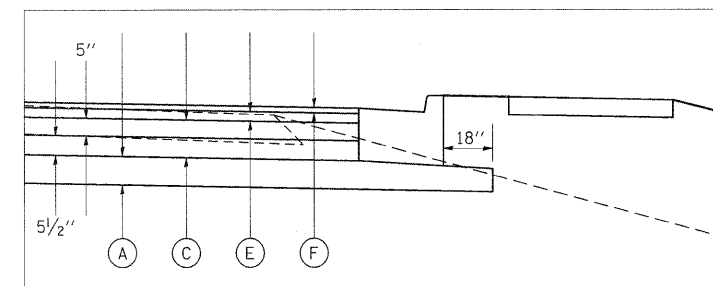


TO BE USED:
STA 846+74.10 TO STA 848+31.00

LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑮ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑱ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1/2" ⑲ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉑ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉓ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉔ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
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| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
|--|--|

PAVING DETAIL

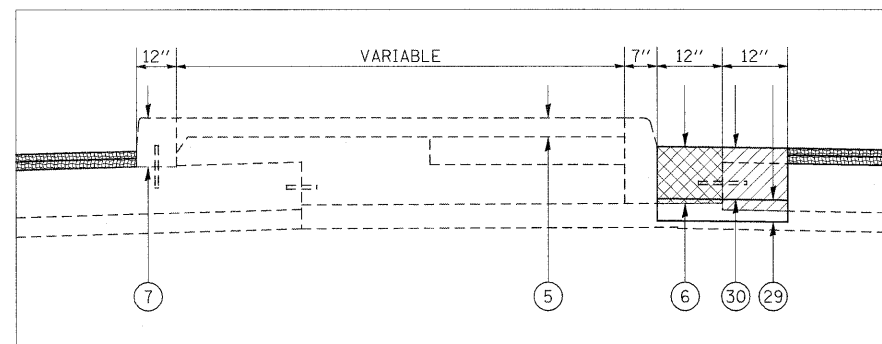


- Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- Ⓒ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
- Ⓓ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
- Ⓔ POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
- Ⓕ POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1/2"

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

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	DRAWN -	REVISED -	F.A.P. RTE. 331	SECTION (1X-1R-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 17		
		CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -			CONTRACT NO. 78155								

MEDIAN DETAIL

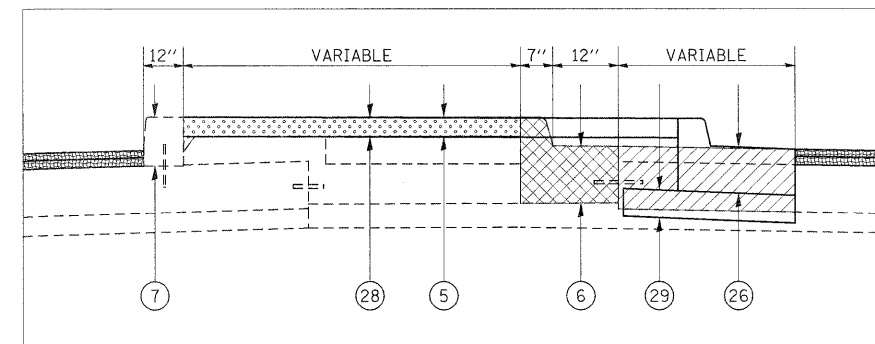


TO BE USED:
STA 848+31.00 TO STA 848+70.00

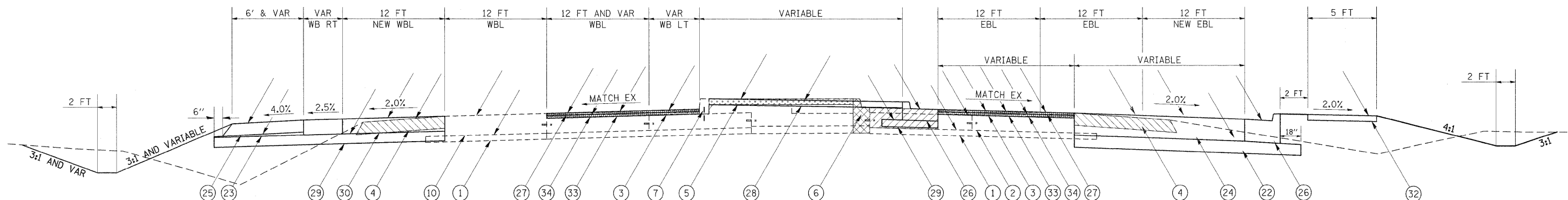
TYPICAL SECTION #11
ADDITIONAL LANES WITH RESURFACING

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

MEDIAN DETAIL



TO BE USED:
STA 848+70.00 TO STA 850+97.00

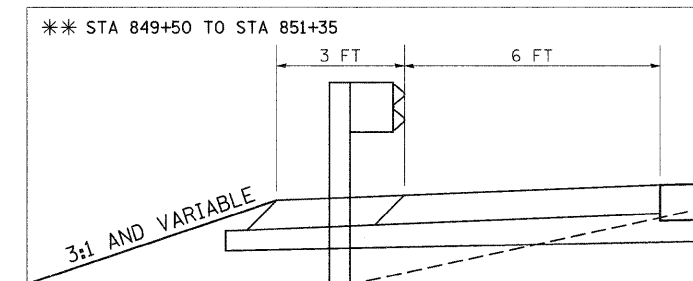


TO BE USED:
STA 848+31.00 TO STA 850+97.00**

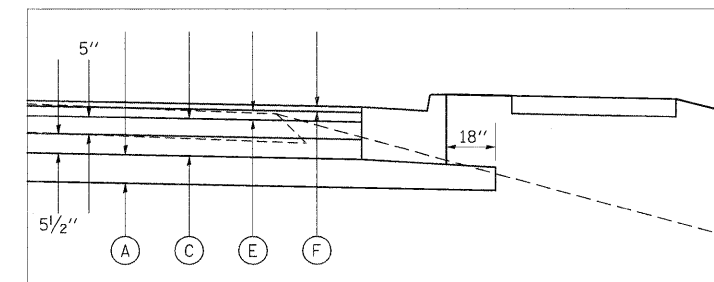
LEGEND

- | | |
|---|---|
| ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" | ②① PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" |
| ② EXISTING PCC PAVEMENT 10" | ②② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" | ②③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" | ②④ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" |
| ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" | ②⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EXISTING COMBINATION C&G TYPE B-6.12 | ②⑥ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| ⑦ EXISTING BARRIER CURB, SPECIAL | ②⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1/2" |
| ⑧ EXISTING COMBINATION C&G TYPE B-6.24 | ②⑧ PROPOSED CONCRETE MEDIAN SURFACE 4" |
| ⑨ EXISTING SOLID MEDIAN, SB-6.06 | ②⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ⑩ EXISTING PCC PAVEMENT 13" | ③⑩ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" |
| ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | ③① PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| PROPOSED PAVEMENT REMOVAL | ③② PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" |
| PROPOSED PAVED SHOULDER REMOVAL | ③③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" |
| PROPOSED COMBINATION C&G REMOVAL | ③④ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
| PROPOSED HMA SURFACE REMOVAL | PROPOSED MEDIAN REMOVAL |
| | PROPOSED MEDIAN SURFACE REMOVAL |

SHOULDER DETAIL



PAVING DETAIL

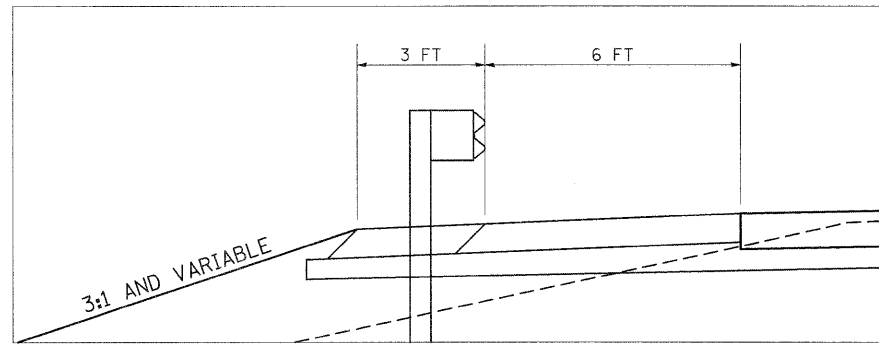


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|---|
| Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| Ⓒ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0* |
| Ⓓ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX* |
| Ⓔ POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"* |
| Ⓕ POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1/2" |

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

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE. 331	SECTION (1X-1R-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 18	
ct:\pwork\pwork\thomashf\d0157472\78155-sht-misc.dgn	5-sht-misc.dgn	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 4/19/2011		DATE -	REVISED -								

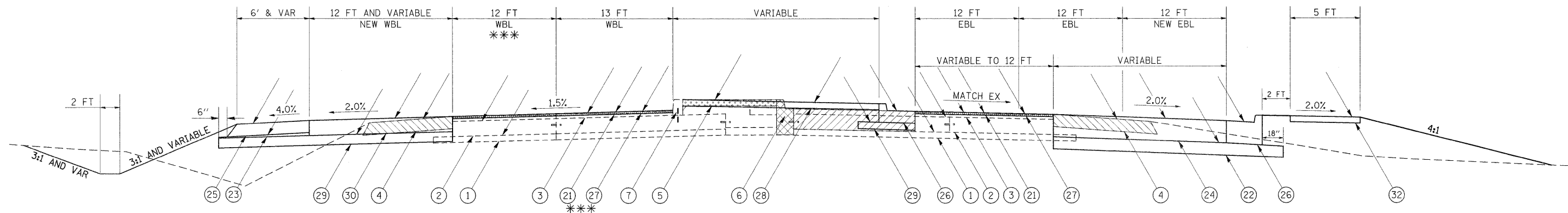
SHOULDER DETAIL



*** STA 849+50 TO STA 851+35

TYPICAL SECTION #12
ADDITIONAL LANES WITH RESURFACING

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



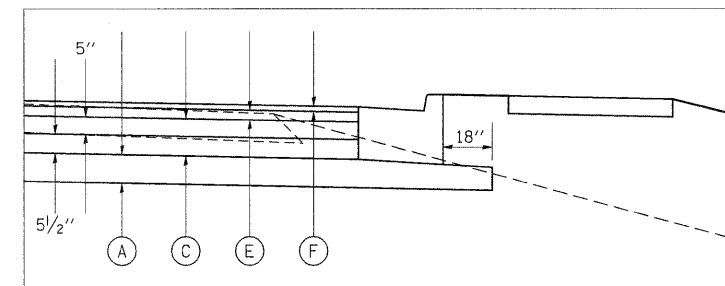
TO BE USED:
STA 850+97.00 TO STA 852+63.47**

*** RESURFACING FOR 12' WB LANE BEGINS STA 851+18

LEGEND

- | | |
|---|---|
| ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" | ②① PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" *** |
| ② EXISTING PCC PAVEMENT 10" | ②② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4" | ②③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" | ②④ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" |
| ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" | ②⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EXISTING COMBINATION C&G TYPE B-6.12 | ②⑥ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| ⑦ EXISTING BARRIER CURB, SPECIAL | ②⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" *** |
| ⑧ EXISTING COMBINATION C&G TYPE B-6.24 | ②⑧ PROPOSED CONCRETE MEDIAN SURFACE 4" |
| ⑨ EXISTING SOLID MEDIAN, SB-6.06 | ②⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ⑩ EXISTING PCC PAVEMENT 13" | ③① PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | ③② PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" |
| PROPOSED PAVEMENT REMOVAL | ③③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" |
| PROPOSED PAVED SHOULDER REMOVAL | ③④ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
| PROPOSED COMBINATION C&G REMOVAL | PROPOSED MEDIAN REMOVAL |
| PROPOSED HMA SURFACE REMOVAL | PROPOSED MEDIAN SURFACE REMOVAL |

PAVING DETAIL



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|---|
| Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| Ⓒ 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" |

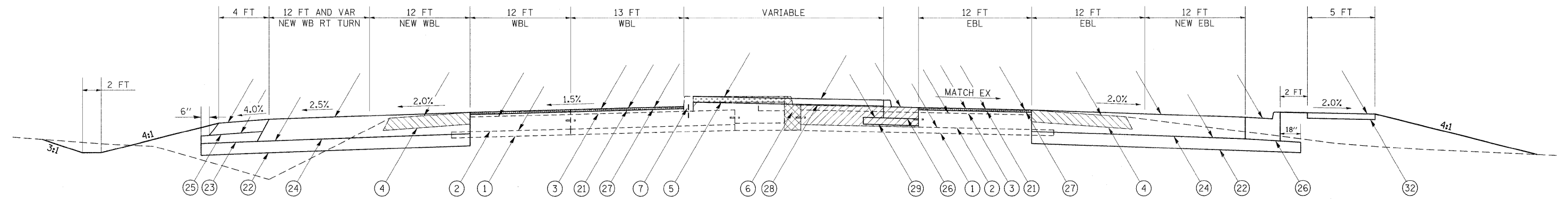
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pwwork\pwwdot\thomashf\d0157472\7815	5-sh-t-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	19
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 78155		
	PLOT DATE = 4/19/2011	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

TYPICAL SECTION #13

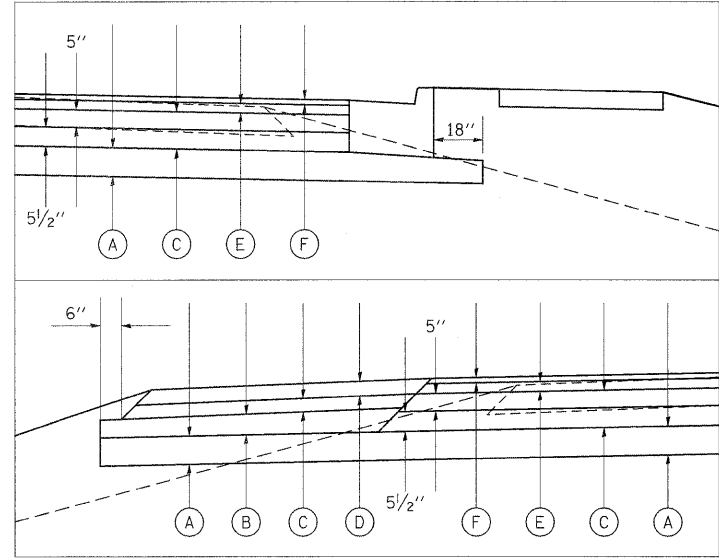
ADDITIONAL LANES WITH RESURFACING

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



TO BE USED:
STA 852+63.47 TO STA 854+54.00

PAVING DETAILS



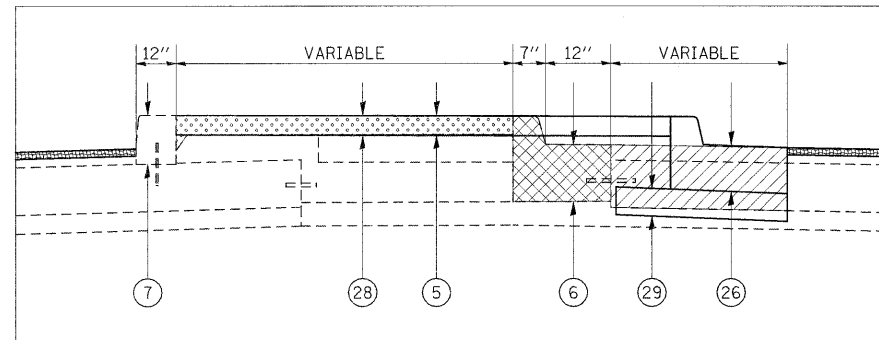
- (A) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
 - (B) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
 - (C) HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
 - (D) HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
 - (E) POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
 - (F) POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"
- * FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

LEGEND

- (1) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4"
- (2) EXISTING PCC PAVEMENT 10"
- (3) EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4"
- (4) EXISTING HOT-MIX ASPHALT SHOULDER 8"
- (5) EXISTING CONCRETE MEDIAN SURFACE 4"
- (6) EXISTING COMBINATION C&G TYPE B-6.12
- (7) EXISTING BARRIER CURB, SPECIAL
- (8) EXISTING COMBINATION C&G TYPE B-6.24
- (9) EXISTING SOLID MEDIAN, SB-6.06
- (10) EXISTING PCC PAVEMENT 13"
- (11) EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7"
- (12) PROPOSED PAVEMENT REMOVAL
- (13) PROPOSED PAVED SHOULDER REMOVAL
- (14) PROPOSED COMBINATION C&G REMOVAL
- (15) PROPOSED HMA SURFACE REMOVAL
- (16) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- (17) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- (18) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- (19) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"
- (20) PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- (21) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (22) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2"
- (23) PROPOSED CONCRETE MEDIAN SURFACE 4"
- (24) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6"
- (25) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10"
- (26) PROPOSED CONCRETE MEDIAN, TYPE SB-6.06
- (27) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (28) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"
- (29) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4"
- (30) PROPOSED MEDIAN REMOVAL
- (31) PROPOSED MEDIAN SURFACE REMOVAL

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pw_work\pwadot\thomashf\d0157472\7815	5-shit-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	20	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

MEDIAN DETAIL



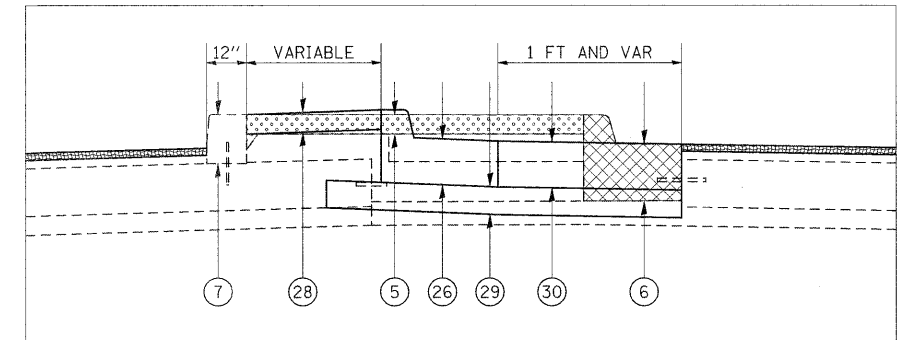
TO BE USED:
STA 854+54.00 TO STA 855+59.57

TYPICAL SECTION #14

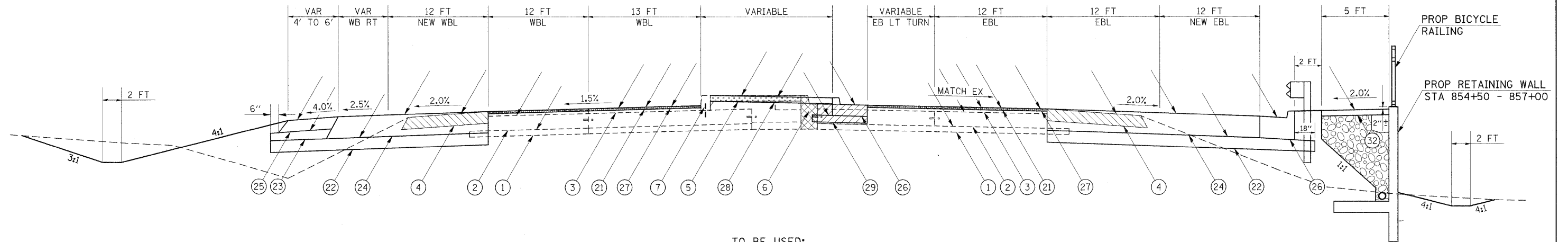
ADDITIONAL LANES WITH RESURFACING

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

MEDIAN DETAIL



TO BE USED:
STA 855+59.57 TO STA 856+00.00

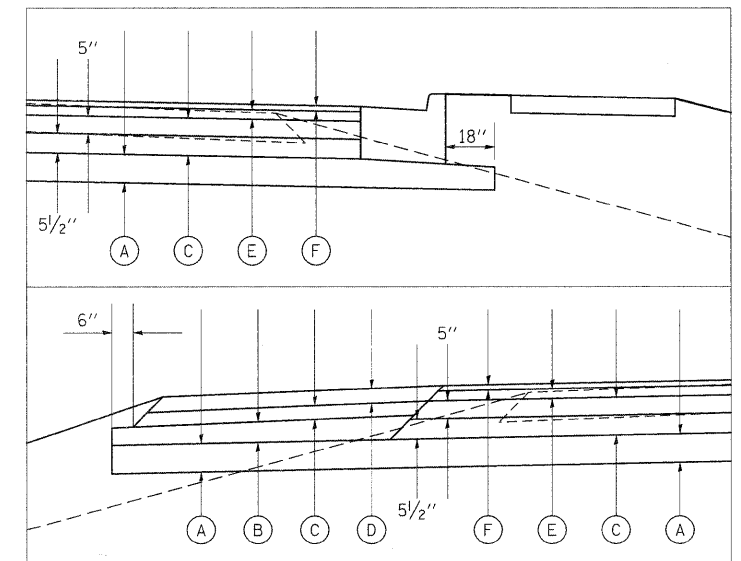


TO BE USED:
STA 854+54.00 TO STA 856+00.00

LEGEND

- | | |
|---|---|
| ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" | ②① PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ② EXISTING PCC PAVEMENT 10" | ②② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" | ②③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" | ②④ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" |
| ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" | ②⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EXISTING COMBINATION C&G TYPE B-6.12 | ②⑥ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| ⑦ EXISTING BARRIER CURB, SPECIAL | ②⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" |
| ⑧ EXISTING COMBINATION C&G TYPE B-6.24 | ②⑧ PROPOSED CONCRETE MEDIAN SURFACE 4" |
| ⑨ EXISTING SOLID MEDIAN, SB-6.06 | ②⑨ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ⑩ EXISTING PCC PAVEMENT 13" | ③① PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | ③② PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" |
| PROPOSED PAVEMENT REMOVAL | ③③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" |
| PROPOSED PAVED SHOULDER REMOVAL | ③④ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
| PROPOSED COMBINATION C&G REMOVAL | PROPOSED MEDIAN REMOVAL |
| PROPOSED HMA SURFACE REMOVAL | PROPOSED MEDIAN SURFACE REMOVAL |

PAVING DETAILS



- | |
|---|
| Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| Ⓒ 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" |

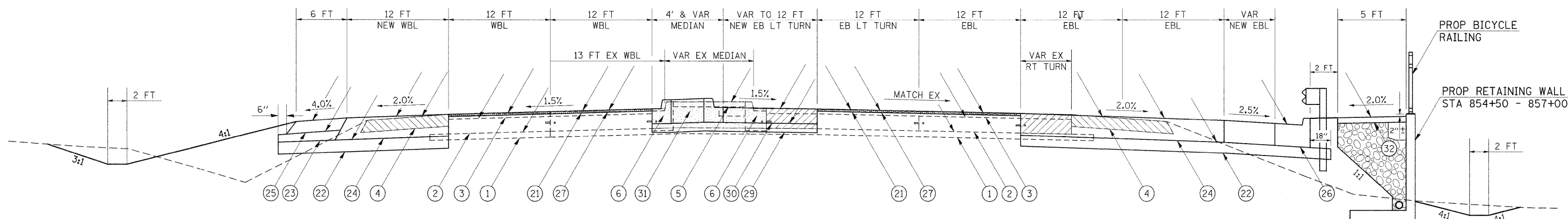
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME -	USER NAME - thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\thomashf\d0157472\78155-sh1-misc.dgn	5-sh1-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1RS-2,N-2,TS-3	WILLIAMSON	167	21	
PLOT SCALE = 50.0000 ' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 4/19/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TYPICAL SECTION #15

ADDITIONAL LANES WITH RESURFACING

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

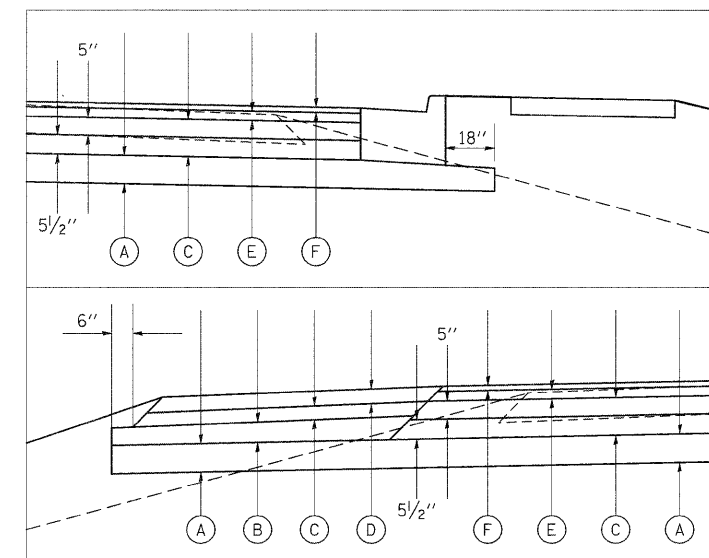


TO BE USED:
STA 856+00.00 TO STA 857+75.00

LEGEND

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| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED PAVEMENT REMOVAL ⑬ PROPOSED PAVED SHOULDER REMOVAL ⑭ PROPOSED COMBINATION C&G REMOVAL ⑮ PROPOSED HMA SURFACE REMOVAL ⑯ PROPOSED MEDIAN REMOVAL ⑰ PROPOSED MEDIAN SURFACE REMOVAL |
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|---|--|
| <ul style="list-style-type: none"> ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ㉑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ㉒ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ㉓ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ㉔ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ㉕ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ㉖ PROPOSED CONCRETE MEDIAN SURFACE 4" ㉗ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉘ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉙ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉚ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉛ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉜ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" | <ul style="list-style-type: none"> ① PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4" ② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" ⑫ PROPOSED PAVEMENT REMOVAL ⑬ PROPOSED PAVED SHOULDER REMOVAL ⑭ PROPOSED COMBINATION C&G REMOVAL ⑮ PROPOSED HMA SURFACE REMOVAL ⑯ PROPOSED MEDIAN REMOVAL ⑰ PROPOSED MEDIAN SURFACE REMOVAL |
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PAVING DETAILS



- Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- Ⓒ 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"

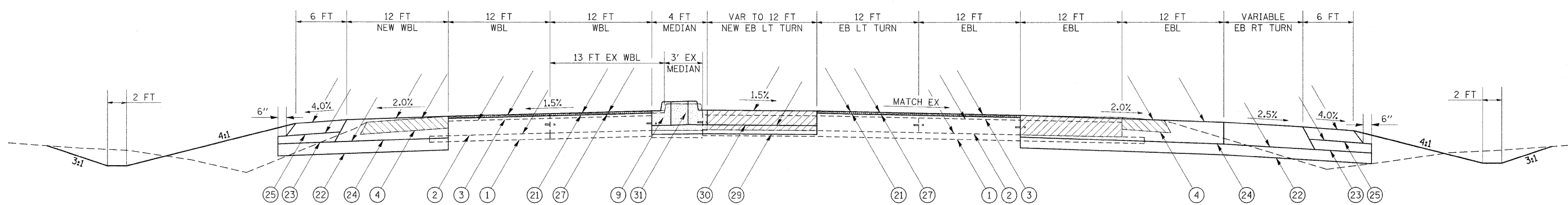
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\thomashf\0157472\7815	5-shit-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	22	
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TYPICAL SECTION #16

ADDITIONAL LANES WITH RESURFACING

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

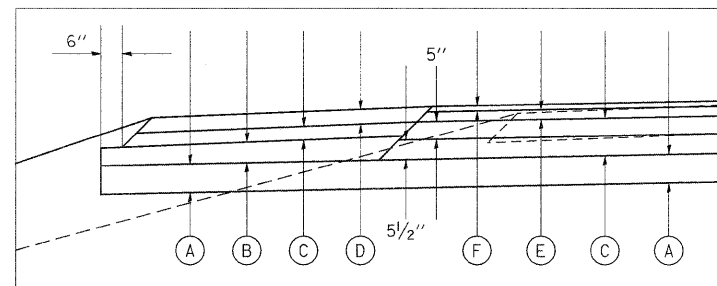


TO BE USED:
STA 857+75.00 TO STA 858+15.00

LEGEND

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| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED PAVEMENT REMOVAL ⑬ PROPOSED PAVED SHOULDER REMOVAL ⑭ PROPOSED COMBINATION C&G REMOVAL ⑮ PROPOSED HMA SURFACE REMOVAL ⑯ PROPOSED MEDIAN REMOVAL ⑰ PROPOSED MEDIAN SURFACE REMOVAL |
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|---|---|
| <ul style="list-style-type: none"> ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ㉑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ㉒ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ㉓ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ㉔ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ㉕ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ㉖ PROPOSED CONCRETE MEDIAN SURFACE 4" ㉗ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉘ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉙ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉚ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉛ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" ㉜ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" | <ul style="list-style-type: none"> ① PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ③ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0* ④ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX* ⑤ POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"* ⑥ POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2" |
|---|---|
- * FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

PAVING DETAIL



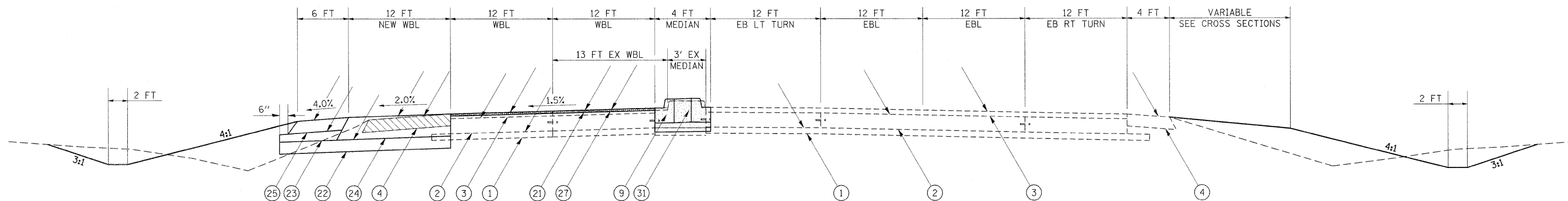
- ① PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
 - ② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
 - ③ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0*
 - ④ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 3" MAX*
 - ⑤ POLYMERIZED HMA BINDER COURSE, N105, IL-19.0, 2 3/4"*
 - ⑥ POLYMERIZED HMA SURFACE COURSE, MIX E, N105, 1 1/2"
- * FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwsdot\thomashf\d0167472\7815	3-sht-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3)	WILLIAMSON	167	23	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/19/2011	DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

TYPICAL SECTION #17

ADDITIONAL LANES WITH RESURFACING

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

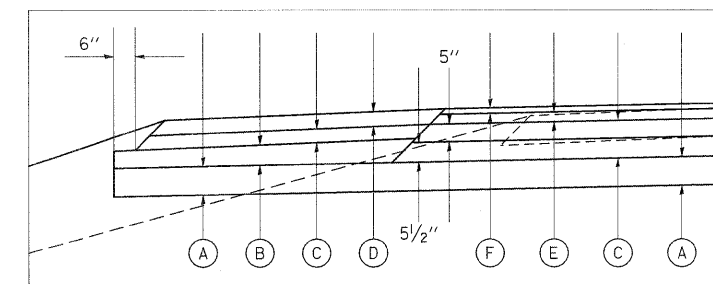


TO BE USED:
STA 858+15.00 TO STA 858+72.77

LEGEND

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| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑮ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑱ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ⑲ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉑ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉒ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉓ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉔ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉕ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
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| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
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PAVING DETAIL



- Ⓐ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8"
- Ⓑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- Ⓒ 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"

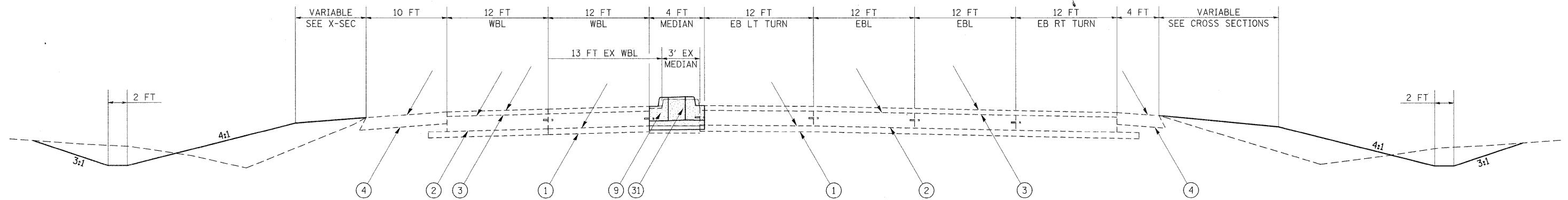
* FOR INFORMATION ONLY - NOT PAY ITEMS
SEE MIX DESIGN TABLES FOR MORE INFORMATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw_work\pwsdot\thomashf\d0157472\78155-sh1-misc.dgn		DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	24	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 4/19/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TYPICAL SECTION #18

ADDITIONAL LANES WITH RESURFACING

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



TO BE USED:
STA 858+72.77 TO STA 859+49.26

LEGEND

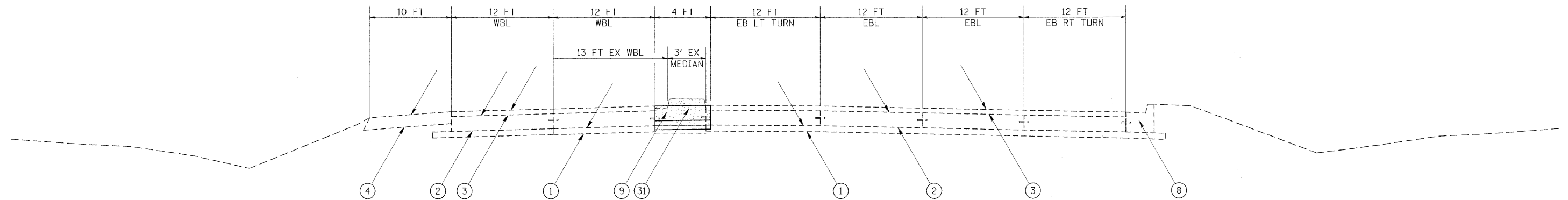
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| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑮ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑱ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ⑲ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉑ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉒ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉓ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉔ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉕ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
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| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
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FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\pwidot\thomashf\d0157472\7815	5-shit-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	25	
	PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/19/2011	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

TYPICAL SECTION #19

ADDITIONAL LANES WITH RESURFACING

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



TO BE USED:
STA 859+49.26 TO STA 859+90.00

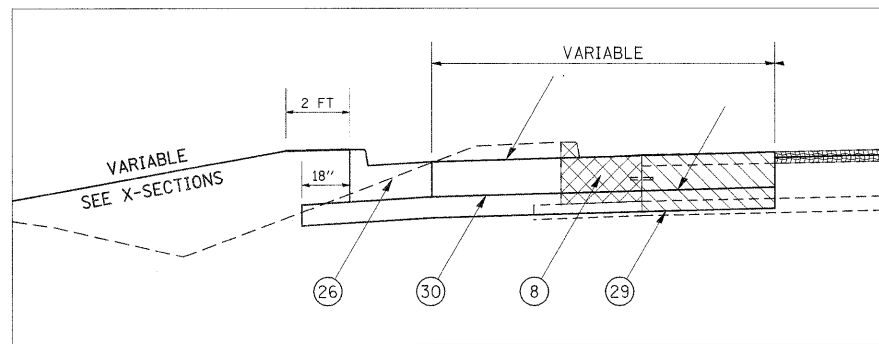
LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑩ EXISTING PCC PAVEMENT 13" ⑪ EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 7" | <ul style="list-style-type: none"> ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑭ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑮ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑰ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑱ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ⑲ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑳ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉑ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉒ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉓ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉔ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉕ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
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| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
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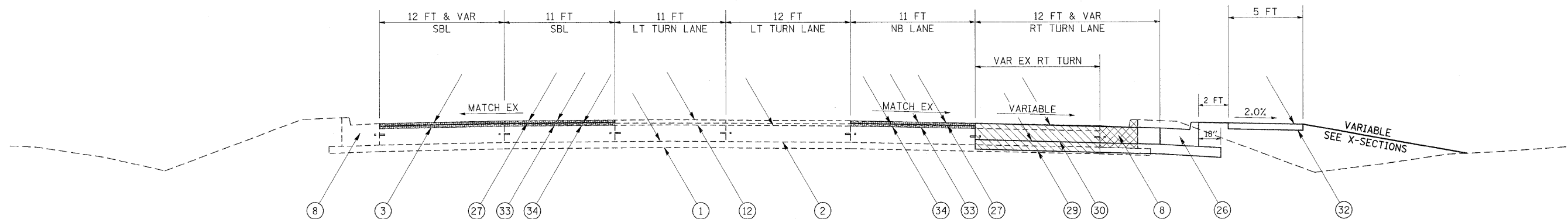
FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 331 (IL 13)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
ci:\pw_work\p1dot\thomashf\d0157472\78155-sht-misc.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	26
		CHECKED -	REVISED -								CONTRACT NO. 78155				
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT				

TYPICAL SECTION #20 WIDENING WITH RESURFACING

WILLIAMSON COUNTY
FAU 9635 (SOUTH CARBON STREET)
(LOOKING NORTH)



TO BE USED:
STA 8+71.65 TO STA 9+42.00



TO BE USED:
STA 8+34.00 TO STA 9+42.00

LEGEND

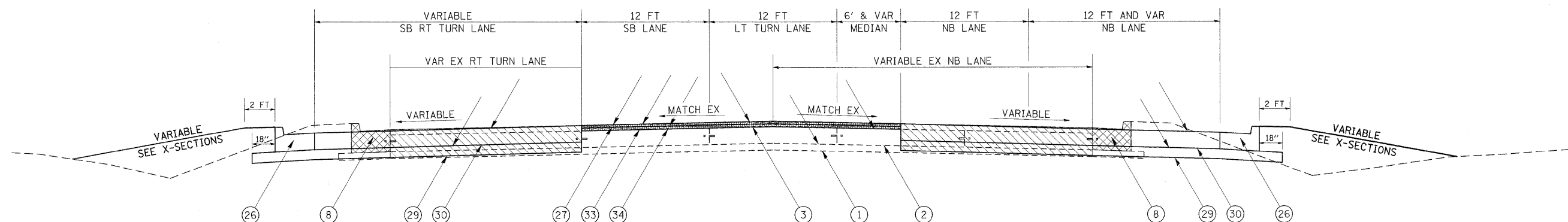
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|---|--|
| ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" | ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ② EXISTING PCC PAVEMENT 10" | ㉑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" | ㉒ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C |
| ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" | ㉓ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" |
| ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" | ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EXISTING COMBINATION C&G TYPE B-6.12 | ㉕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑦ EXISTING BARRIER CURB, SPECIAL | ㉖ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| ⑧ EXISTING COMBINATION C&G TYPE B-6.24 | ㉗ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" |
| ⑨ EXISTING SOLID MEDIAN, SB-6.06 | ㉘ PROPOSED CONCRETE MEDIAN SURFACE 4" |
| ⑫ EXISTING HMA OVERLAY AND PCC WHITETOPPING | ㉙ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ▨ PROPOSED PAVEMENT REMOVAL | ㉚ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" |
| ▩ PROPOSED PAVED SHOULDER REMOVAL | ㉛ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| ▧ PROPOSED COMBINATION C&G REMOVAL | ㉜ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" |
| ▦ PROPOSED HMA SURFACE REMOVAL | ㉝ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" |
| | ㉞ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
| | ▤ PROPOSED MEDIAN REMOVAL |
| | ▥ PROPOSED MEDIAN SURFACE REMOVAL |

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS CARBON STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pr_wrk\pwidot\thomashf\d0157472\78155-shr-misc.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	27
	PLOT DATE = 4/19/2011	CHECKED -	REVISED -			CONTRACT NO. 78155				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

TYPICAL SECTION #21

ADDITIONAL LANES WITH RESURFACING

WILLIAMSON COUNTY
CS 6220 (NORTH CARBON STREET)
(LOOKING NORTH)



TO BE USED:
STA 10+42.00 TO STA 12+15.00

LEGEND

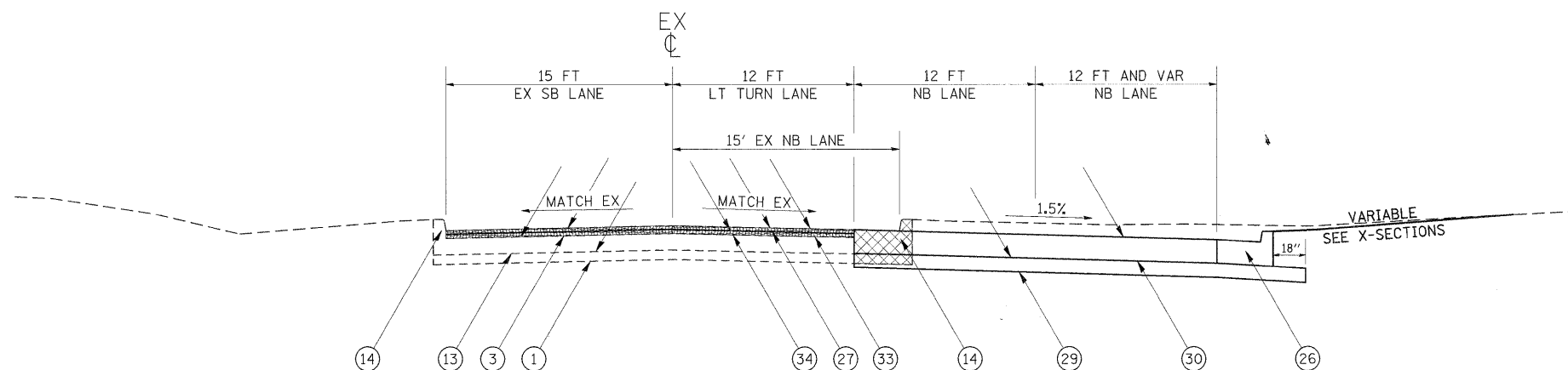
- | | |
|--|---|
| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3 1/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 | <ul style="list-style-type: none"> ⑩ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑪ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ⑬ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4" ⑭ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ⑮ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ⑰ PROPOSED CONCRETE MEDIAN SURFACE 4" ⑱ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ⑲ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ⑳ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉑ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉒ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" ㉓ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
|--|---|
-
- | | |
|--|--|
| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
|--|--|

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS CARBON STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_work\pwwork\thomashf\00157472\7815	5-shit-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	28	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 78155			
	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TYPICAL SECTION #22

ADDITIONAL LANES WITH RESURFACING

WILLIAMSON COUNTY
CS 6220 (NORTH CARBON STREET)
(LOOKING NORTH)



TO BE USED:
STA 12+15.00 TO STA 12+65.52

LEGEND

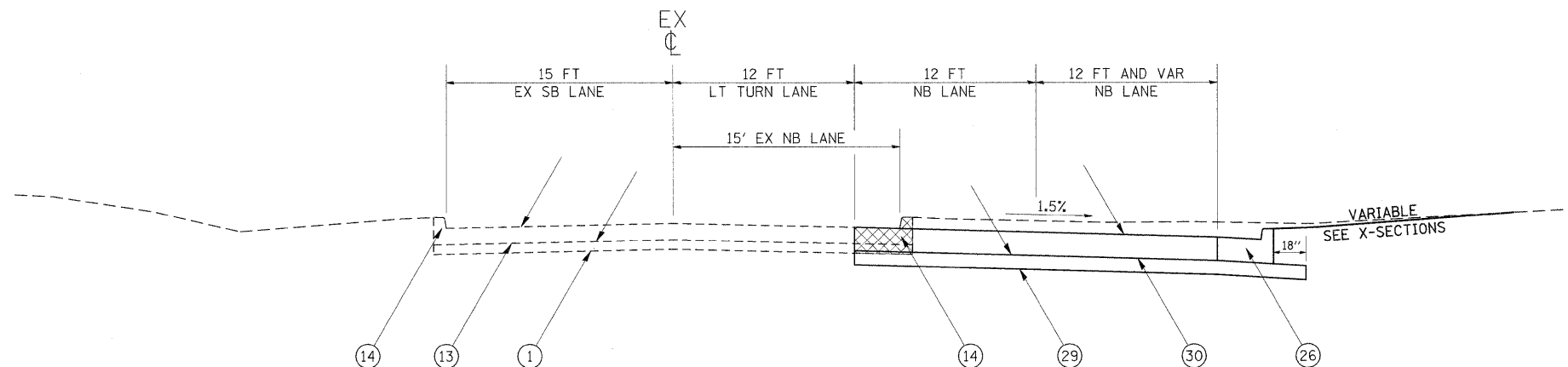
- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑬ EXISTING PCC PAVEMENT 7" ⑭ EXISTING CURB | <ul style="list-style-type: none"> ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" ㉑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ㉒ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ㉓ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 1 3/4" ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ㉕ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ㉖ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1 1/2" ㉗ PROPOSED CONCRETE MEDIAN SURFACE 4" ㉘ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉙ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉚ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉛ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉜ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉝ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
|---|--|
-
- | | |
|--|--|
| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
|--|--|

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS CARBON STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\pw\dots\thomashf\d0157472\7815	5-sh1-misc.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	29	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 4/19/2011	DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.		

TYPICAL SECTION #23

ADDITIONAL LANES

WILLIAMSON COUNTY
CS 6220 (NORTH CARBON STREET)
(LOOKING NORTH)



TO BE USED:
STA 12+65.52 TO STA 16+69.05

LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> ① EXISTING SUBBASE GRANULAR MATERIAL, TYPE A 4" ② EXISTING PCC PAVEMENT 10" ③ EXISTING HOT-MIX ASPHALT OVERLAY 3/4" ④ EXISTING HOT-MIX ASPHALT SHOULDER 8" ⑤ EXISTING CONCRETE MEDIAN SURFACE 4" ⑥ EXISTING COMBINATION C&G TYPE B-6.12 ⑦ EXISTING BARRIER CURB, SPECIAL ⑧ EXISTING COMBINATION C&G TYPE B-6.24 ⑨ EXISTING SOLID MEDIAN, SB-6.06 ⑬ EXISTING PCC PAVEMENT 7" ⑭ EXISTING CURB | <ul style="list-style-type: none"> ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" ㉑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" ㉒ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C ㉓ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 1 3/4" ㉔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ㉕ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ㉖ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105, 1/2" ㉗ PROPOSED CONCRETE MEDIAN SURFACE 4" ㉘ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" ㉙ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" ㉚ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 ㉛ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" ㉜ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" ㉝ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105, 1 3/4" |
|---|--|
-
- | | |
|--|--|
| <ul style="list-style-type: none"> PROPOSED PAVEMENT REMOVAL PROPOSED PAVED SHOULDER REMOVAL PROPOSED COMBINATION C&G REMOVAL PROPOSED HMA SURFACE REMOVAL | <ul style="list-style-type: none"> PROPOSED MEDIAN REMOVAL PROPOSED MEDIAN SURFACE REMOVAL |
|--|--|

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS CARBON STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct\pw_work\pwsdot\thomashf\d0157472\78155-sht.msc.dgn	331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON			167	30				
PLOT SCALE = 50,0000' / IN.	CHECKED -	REVIS	REVIS			CONTRACT NO. 78155					
PLOT DATE = 4/19/2011	DATE -	REVIS	REVIS			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

REMOVAL SCHEDULE

LOCATION STATION TO STATION	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	MEDIAN REMOVAL	MEDIAN SURFACE REMOVAL	PAVED DITCH REMOVAL	PAVED SHOULDER REMOVAL	BUILDING REMOVAL NO. 1	BUILDING REMOVAL NO. 2	REMARKS
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ FT	SQ FT	FOOT	SQ YD	L SUM	L SUM	
IL 13 (EB)													
835+42.76 LT TO 836+64.57 LT				2.7		122		978					
836+64.57 RT TO 839+65 RT	277												
836+64.57 LT TO 842+04.18 LT		2176					7695						
837+29.57 LT TO 839+65 LT	216												
839+65 RT TO 841+46 RT				2.7						253			
841+45.98 RT TO 8+71.46 LT						115							SW QUAD (IL 13 EB TO CARBON STA.)
8+34 RT TO 843+70.94 RT						145							SE QUAD (CARBON TO IL 13 EB STA.)
842+23 RT TO 844+00 RT	125												
842+86.5 RT TO 843+14.5 RT							413						
843+71 RT TO 858+15 RT										1489			
844+00 TO 858+15			1842	8.0									
847+21.58 RT TO 848+58.43 RT									110				
848+40.2 LT TO 855+52 LT	795												
848+70.2 LT TO 856+00 LT						730		9074					
855+52 RT TO 858+15 RT	197												
855+97 LT TO 858+15 LT	170						1547						
856+00 LT TO 858+15 LT							700						
858+15 TO 859+90				8.0									
IL 13 (WB)													
835+43 RT TO 836+03.12 RT	12												
835+43 TO 841+10		1494											
835+43 LT TO 841+50 LT										592			
839+82 LT TO 842+00 LT	220												
837+50 RT TO 842+04.2 RT	124												
841+20.44 LT TO 11+56.53 LT													NW QUAD (IL 13 WB TO CARBON STA.)
12+64.68 RT TO 843+67.46 LT						189							NE QUAD (CARBON TO IL 13 WB STA.)
842+04.5 LT TO 842+38.5 LT						277							
843+67 LT TO 851+36.37 LT										603			
845+05 TO 850+97			1587	12.0									
845+67 LT TO 848+27.18 LT	165												
850+97 TO 858+15		2176											
851+36.42 LT TO 100+78.58 LT						66							COX (IL 13 WB TO COX STA.)
101+10.84 RT TO 852+62.82 LT						107							COX (COX TO IL 13 WB STA.)
852+50 LT TO 856+05.93 LT													
852+63.13 LT TO 858+72.77 LT	350									464			
858+72.77 TO 859+90													
CARBON (SOUTH OF IL 13)													
8+34 RT TO 9+41.91 RT													
8+34 LT TO 9+41.91 LT				120									
8+34 RT TO 9+50 RT	332			348									
8+71.6 LT TO 9+40.36/9+41.49 LT	109												
9+42.40 TO 10+42.08													
10+42.08 TO 12+60.10													
12+60.10 TO 16+29.45 RT													
CARBON (NORTH OF IL 13)													
10+29.73 RT TO 16+65 RT	494												
10+29.6 LT TO 12+15 LT	572												
10+42 TO 12+65.52													
12+64.68 RT TO 16+41.05 RT			713										
PRINCETON													
+12.27 RT TO 1+61.19 RT	41												
+16.04 LT TO 1+61.19 RT													
1+18.11 RT													
COX													
100+20.13 TO 101+10.	523												
100+29.59 TO 100+48.28													
DUFOUR													
+12.27 TO +78.25	204												
ENTRANCES (CARBON)													
12+25													
12+87	23												
13+75													
14+75													
14+75 RT TO 15+40 RT													
15+40	23												
16+07	22												
TOTAL	5083	5846	4610	87	534	2566	11035	10052	110	3401	1	1	

PAVEMENT AND SHOULDER SCHEDULE

LOCATION STATION TO STATION	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SUB-BASE GRANULAR MATERIAL, TYPE C	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX E, N105	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"	PORTLAND CEMENT CONCRETE PAVEMENT, 10"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"	CONCRETE MEDIAN SURFACE, 4"	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	STRIP REFLECTIVE CRACK CONTROL TREATMENT	HOT-MIX ASPHALT SHOULDERS, 8"	TEMPORARY RAMP	PCC SIDEWALK, 5"	PROTECTIVE COAT	
	SQ YD	SQ YD	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ FT	GAL	GAL	TON	FOOT	SQ YD	SQ YD	SQ FT	SQ YD	
IL 13 (EB)																		
835+42.72 LT TO 837+81.57 LT																		
836+64.57 RT TO 838+79 RT			48						1407								156.0	
836+64.57 TO 839+65				68						72		1.2	300	103				
836+64.57 RT TO 839+65 RT		676				637				115	115	3.8		26.6				
836+64.57 LT TO 837+56.65 LT	145																	
836+72.04 LT TO 842+04.18 LT							740										740.0	
837+56.65 LT TO 842+04.18 LT	999																	
839+65 RT TO 842+23 RT							430										256.0	
842+23 RT TO 844+00 RT	312						310										310.0	
844+00 TO 858+15				271	135					581		9.7	1415		26.6			
844+00 RT TO 858+15 RT		3771				3226				581	581	19.4						
844+49.81 RT TO 857+75 RT																6626.0		
848+40.2 LT TO 848+70.2 LT	5						5										5.0	
848+70.2 LT TO 855+59.57 LT	313																	
848+70.2 LT TO 856+00 LT									14359								1595.0	
855+59.57 LT TO 858+15 LT	374						257										257.0	
857+75 RT TO 858+15 RT														28				
859+47.26 LT TO 859+90 LT							19											
IL 13 (WB)																		
835+42.76 TO 841+10				126						135		2.2	567		26.6			
835+42.76 LT TO 841+10 LT		780	200			819				147	147	4.9						
835+42.76 LT TO 841+34.46 LT																		
841+10 LT TO 842+95 LT	466							417									417.0	
843+61.73 LT TO 851+38.61 LT			40															
843+61.73 LT TO 852+63.47 LT	2179							1589									1589.0	
845+05 TO 850+97				133	156					286		4.8						
850+97 TO 858+15				170						182		3.0		20.0				
852+39.28 LT TO 858+72.77 LT														26.7				
852+39.28 LT TO 858+72.77 LT		1090		128													380	
852+63.47 LT TO 858+72.77 LT							1130			203	203	6.0	609					
CARBON (SOUTH OF IL 13)																		
8+34 RT TO 9+38.01 RT	363							310										310.0
8+34 LT TO 9+41.91 LT						29	34			63		1.0			33.4			
8+34 RT TO 9+42.4 RT						10	12			22		0.4			11.2			
8+34 RT TO 844+49.81 (EB 13) RT																998.6		
CARBON (NORTH OF IL 13)																		
10+41.72 RT TO 16+69.05/16+67.58 RT	2718							2145										2145.0
10+42 TO 12+65.52				60	70					128		2.1			30.6			
10+50.61 LT TO 12+15 LT	488																	443.0
COX																		
100+35.78 RT TO 101+10 RT	190																	162.0
100+38.89 LT TO 101+10 LT	190																	165.0
DUFOUR																		
0+34.81 TO 0+78.22								97										97.0
ENTRANCES (CARBON)																		
12+25																		37.0
12+87																		25.0
13+75																		29.0
14+75																		35.0
15+40																		20.0
ISLANDS																		
SE QUAD	50																	67.0
NW QUAD	55																	83.0
COX	25																	13.0
TOTALS	9430	6318	415	867	407	5812	7088	147	17235	2516	1046	59	2892	1675	202	7625	8956	

DRAINAGE SCHEDULE

LOCATION STATION TO STATION	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL, 12"	STORM SEWER REMOVAL, 15"	REMOVE AND RELAY END SECTION	REMOVING MANHOLES	REMOVING INLETS	CAST-IN-PLACE CONCRETE END SECTION, 21"	PIPE CULVERTS, CLASS D, TYPE 1 24"	END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"	INSERTION CULVERT LINER, 20"	STORM SEWER, TYPE 1, CLASS A, 12"	STORM SEWER, TYPE 1, CLASS A, 15"	STORM SEWER, TYPE 1, CLASS A, 18"	STORM SEWER, TYPE 1, CLASS A, 24"	INLET, SPECIAL	MANHOLES, TYPE A, 6', FRAME, OPEN LID	TRENCH BACKFILL	STONE RIPRAP, CLASS A4	REMARKS
	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	CU YD	SQ YD	
IL 13 (EB LANES)																					
838+20.71																					46.7
843+10.46 RT						1															
843+10.46 RT TO 843+54.81 RT		49																			
843+17.36 RT TO 843+72.48 RT													53				1		17.0		
843+72.45 RT																					
844+84.32 RT TO 849+44.30 RT													460				6		305.4		
849+44.30 RT TO 849+97.94 RT														68							41.7
849+88 RT TO 850+13 RT														39							
850+11.01 RT TO 850+13.93 RT																					
850+13.93 RT TO 853+06.22 RT													318								241.7
853+97.23 RT TO 855+22.57 RT													126								48.3
855+22.57 RT TO 857+50.00 RT													228								151.4
855+23												119					5				
IL 13 (WB LANES)																					
838+00 LT TO 840+00 LT								200	2												
838+39.58 RT TO 841+65.16 RT										1								99			
841+00 LT TO 841+97 LT																					
841+27.14 LT TO 842+06.76 LT			81.6																		
842+07.45 LT						1															
842+99.75 LT						1															
843+30.00 LT TO 843+75.00 LT													45						8.7		
849+00 LT TO 851+25 LT	11.7			1																594.2	PIPE BY NORTH BOX CULVERT
850+00																					
855+23							1														
CARBON STREET																					
10+72.37 RT																					
10+77.49 LT TO 12+08.23 LT			155.6																		
10+83.92 LT																					
10+85.09 LT TO 12+08.23 LT					1																
12+08.23 LT TO 12+55.47 RT																					
12+55.47 RT TO 14+13.36 RT																					
14+13.36 RT TO 15+66.69 RT																					
15+66.38 RT						1															
15+66.69 RT TO 16+00 RT													30								
16+00 RT																					
COX ST NW QUAD																					
																					91.6
TOTAL	11.7	49	237.2	1	1	4	1	200	2	1	2	119	1260	417	203	104	24	1	936	774	

TREE REMOVAL SCHEDULE

LOCATION STATION	OFFSET FROM CENTERLINE	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	REMARKS
		FEET	UNITS	
CARBON STREET				
STA 15+54	22		22	MAPLE
STA 15+57	100		25	ASH
STA 15+59	117	10		MULBERRY
STA 15+59	117	11		MULBERRY
STA 15+64	71		22	ASH
STA 15+67	24		21	MAPLE
STA 15+86	106	9		ELM
STA 15+94	75		33	MAPLE
STA 15+93	24			STUMP
PRINCETON AVE				
STA 00+38	32		27	ASH
STA 00+73	25		25	MAPLE
STA 00+95	24		21	MAPLE
STA 01+28	27	7		PINE
STA 01+36	28	8		PINE
STA 01+42	28	11		PINE
STA 01+50	28	8		PINE
STA 01+78	25		26	MAPLE
TOTALS		64	222	

FENCE AND GUARDRAIL SCHEDULE

LOCATION STATION TO STATION	FENCE REMOVAL	CHAIN LINK FENCE, 4'	BICYCLE RAILING	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
	FOOT	FOOT	FOOT	FOOT	EACH	EACH
IL 13						
838+00 @ 80.6' RT TO 839+95. @ 80.9' RT		200				
838+00 @ 80.7' RT TO 841+87. @ 80.7' RT	387					
835+40 @ 69.9' LT TO 839+60. @ 72.7' LT	420					
835+40 @ 77.5' LT TO 839+60 @ 79.9' LT		425				
849+50 LT TO 849+75. LT					1	
849+75 LT TO 850+85. LT				112.5		
850+85 LT TO 851+35. LT						1
854+50 RT TO 855+00. RT			50			1
855+00 RT TO 856+75. RT			175	175		
856+75. RT TO 857+00. RT			25		1	
CARBON (NORTH)						
15+51. @ 24.8' RT TO 15+93.3 @ 21.2' RT	42					
16+21.2 @ 20.8' RT TO 16+56. @ 25.7' RT	36					
PRINCETON (EAST)						
0+26 @ 25.7' RT TO 1+86.6 @ 25.2' RT	160					
1+86.6 @ 25.2' RT TO 1+84.1 @ 100.8' RT	102					
1+84.1 @ 100.8' RT TO 1+82.3 @ 129.6' RT	15					
TOTAL	1162	625	250	287.5	2	2

CURB AND GUTTER SCHEDULE

LOCATION STATION TO STATION	CLASS SI CONCRETE (OUTLET)	CONCRETE GUTTER, TYPE A (SPECIAL)	COMBINATION CURB AND GUTTER, TYPE B-6.12	COMBINATION CURB AND GUTTER, TYPE B-6.24	COMBINATION CURB AND GUTTER, TYPE M-6.06	COMBINATION CURB AND GUTTER, TYPE M-6.24	CONCRETE MEDIAN, TYPE SM-6.06	PROTECTIVE COAT	REMARKS
	CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ YD	
IL 13 (EB LANES)									
836+64.57 LT TO 837+81.57 LT				117				37.7	
839+03.00 RT TO 838+27.79 RT	5.9								
839+03.00 RT TO 841+62.01 RT				259				83.5	
839+95 RT TO 841+90.07 RT		198						70.0	
841+62.01 RT TO 8+71.47 RT				88				28.4	IL 13 STA. TO CARBON STA.
8+99.58 RT TO 843+28.52 RT					53			7.7	CARBON STA. TO IL 13 STA.
8+34.00 RT TO 844+49.81 RT				211				68.0	CARBON STA. TO IL 13 STA.
842+85.46 RT TO 843+28.52 RT						43		14.0	
844+49.81 RT TO 857+75 RT				1326				427.3	
848+70.20 LT TO 856+00 LT				731				235.5	
IL 13 (WB LANES)									
835+42.76 RT TO 837+81.57 RT				239				77.0	
837+81.57 RT TO 838+39.58 RT							320	49.8	
838+39.58 RT TO 841+65.16 RT							1302	202.5	
841+34.46 LT TO 11+25.73 LT				121				39.0	IL 13 STA. TO CARBON STA.
841+94.71 LT TO 842+40.42 LT								14.8	
11+25.73 LT TO 0+61.03 LT				38				12.2	CARBON STA. TO BITTLE PL. STA.
10+90.66 LT TO 841+84.71 LT					58			8.4	CARBON STA. TO IL 13 STA.
0+78.22 RT TO 11+18.61 RT				89				28.7	DUFOUR STA. TO CARBON STA.
11+18.61 RT TO 843+61.73 LT				29				9.3	CARBON STA. TO IL 13 STA.
851+38.61 LT TO 101+10.32 LT			87.4					20.4	IL 13 STA. TO COX STA.
851+82.47 LT TO 852+06.09 LT						23		7.4	
856+00 RT TO 856+29 RT							158	24.6	
856+29 RT TO 859+49.26 RT							1281	199.3	
101+10.32 RT TO 852+39.38 LT			78.4					18.3	COX STA. TO IL 13 STA.
CARBON STREET									
0+78.22 LT TO 11+92.08 RT				61				19.7	DUFOUR STA. TO CARBON STA.
8+99.58 RT TO 9+36.40 RT								12.0	
10+48.08 LT TO 10+90.66 LT						37		14.0	
11+92.08 RT TO 16+02.27 RT				410		43		132.1	CARBON STA. TO CARBON STA.
16+02.27 RT TO 1+61.06 RT				154				49.6	CARBON STA. TO PRINCE STA.
COX									
100+56.96 LT TO 100+42.89 LT								17	5.5
100+56.70 RT TO 100+41.59 RT								18	5.8
ENTRANCES									
12+25 RT				25				8.1	
12+87 RT				33				10.6	
13+75 RT				31				10.0	
14+75 RT				31				10.0	
15+40 RT				31				10.0	
TOTAL	5.9	198.0	165.8	4022.5	110.6	226.0	3061	1971	

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				
836+50 TO 859+00	3187	2390	4639	-2249
ILLINOIS 13 WB				
835+00 TO 860+00	3548	2661	1508	1153
CARBON				
8+00 TO 17+00	1357	1018	0	1018
PRINCETON				
0+00 TO 1+60	194	146	3.1	143
TOTALS	8287	6215	6150	65

25% Shrinkage Factor for Earth Excavation

FILE NAME =	USER NAME = knightam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB & GUTTER, AND EARTHWORK SCHEDULES	DRAWN -	REVISED -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cz:\pwork\pwork\knightsam\0157472\78155-sht-schedule.dgn		CHECKED -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	34	
PLOT SCALE = 50.0000' / IN.		DATE -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 3/23/2011						[ILLINOIS] FED. AID PROJECT					

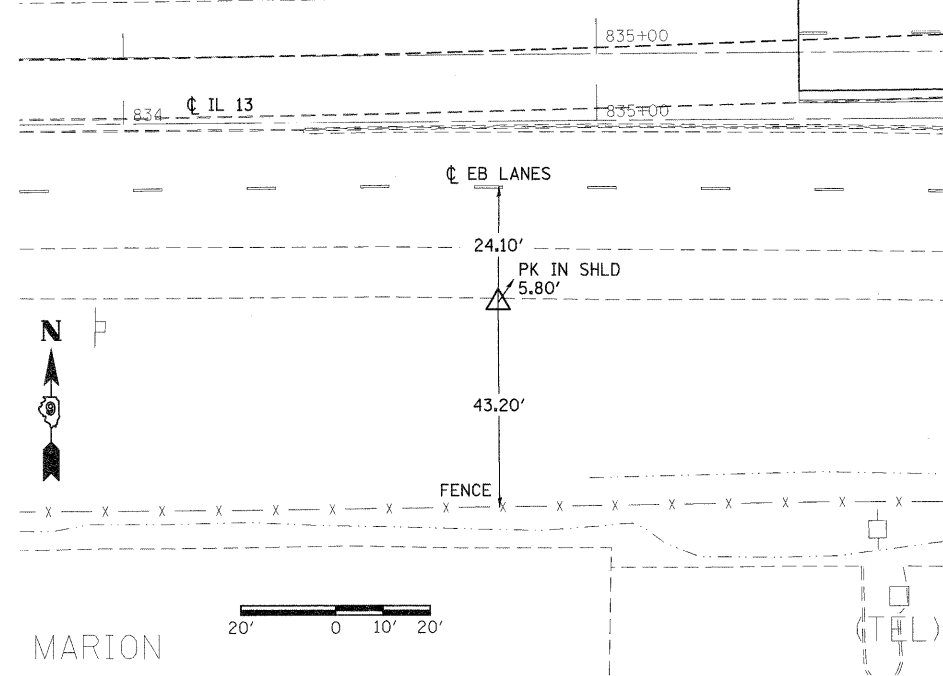
PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PERFORMED PLASTIC PAVEMENT MARKING TYPE B - INLAID - LINE 4"				PERFORMED PLASTIC PAVEMENT MARKING TYPE B - INLAID - LINE 12"		PREFORMED PLASTIC PAVEMENT MARKING TYPE B - INLAID - LINE 24"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B - INLAID - LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING GROOVING - LETTERS & SYMBOLS	PAVMENT MARKING GROOVING - 5"	PAVMENT MARKING GROOVING - 13"	PAVMENT MARKING GROOVING - 25"	REMARKS
	WHITE SOLID FOOT	YELLOW SOLID FOOT	WHITE DASHED FOOT	YELLOW DASHED FOOT	WHITE FOOT	YELLOW FOOT								
IL 13 (EB)														
836+64.57 RT TO 838+79 RT	215													
836+64.57 TO 842+12.71			274											
838+37.08 LT TO 841+62.16 LT	325													
838+37.08 LT TO 842+12.71 LT	376													
838+56									41.2		41.2			
838+75 RT TO 841+92 RT	317													
838+95									20.6					
839+65 TO 842+23											888			
839+65 TO 844+00										397				
840+24										41.2				
840+58									20.6		41.2			
841+62.16											20.6			
841+62 TO 843+40			147						24				24	
841+92 RT TO 842+23 RT	93				40					15		147	40	TURN RADIUS SKIP DASH SW QUAD
842+06.9														18
842+12.71														36
842+85.55 RT TO 843+53.25 RT	241				83									
842+85.55 TO 844+00.												270	83	SE QUAD
843+38.29									18					18
843+41.27 TO 854+54			557											
856+29 TO 858+15.	186											186		
856+73									20.6		20.6			
IL 13 (WB)														
835+42.76 LT TO 841+34.46 LT	593													
835+42.76 TO 841+62.16			310											
841+10 TO 851+18										757				
841+74.70 LT TO 842+40.42 LT	253				74							247	74	NW QUAD
841+88.63									18					18
842+94.46 LT TO 843+42.16 LT		160			52							160	52	
843+04.45									36					36
843+04.45 TO 846+40	336													
843+04.45 TO 852+63.47												2126		NE QUAD
843+04.45 TO 858+72.77			784											
843+11.46									18					18
843+40									24					24
843+40 TO 846+40	300													
843+42.16 TO 846+74.1	332													
843+61.73 TO 851+38.61	778													
844+66									41.2		41.2			
844+88									20.6		20.6			
846+18									41.2		41.2			
846+53									20.6		20.6			
851+67.79 TO 852+23.93	146				97								97	
852+23.93 TO 853+71.18	148													
852+39.28 TO 858+15.	634													
853+51									20.6					
CARBON (NORTH)														
10+58.05									12					
10+58.05 TO 11+48.01	90													
10+60.03 TO 11+51.01		186				66								
10+68.01 TO 15+00				108										108
10+92.34 TO 11+48.01														56
11+28									59.5		20.6			
12+00 TO 15+00		600		150										668
12+66 TO 16+69										65				
13+27														
14+26									17.6		17.6			
14+86									17.6		17.6			
15+00 TO 15+58		232							20.6		20.6			
15+00 TO 16+31.25	132													291
15+58 TO 16+58	100	200												273
15+85									59.5		59.5			
16+31.25 RT TO 16+67.93 RT	123				51							122	51	
16+51									18					18
16+58									24					24
CARBON (SOUTH)														
8+34 TO 8+93.23	59	118	15											192
8+34 TO 9+20										149				
8+60														
8+93.23									59.5		41.2			22
8+34 TO 9+32.24	99													99
9+32.24														11
COX														
100+65.89 TO 101+10		88												88
100+49.36														
100+80									18					18
20.6									20.6		20.6			
SUBTOTALS	5875	1584	2195	150	397	463	66		309	544	1383	404	5949	397
TOTALS		9805											274	

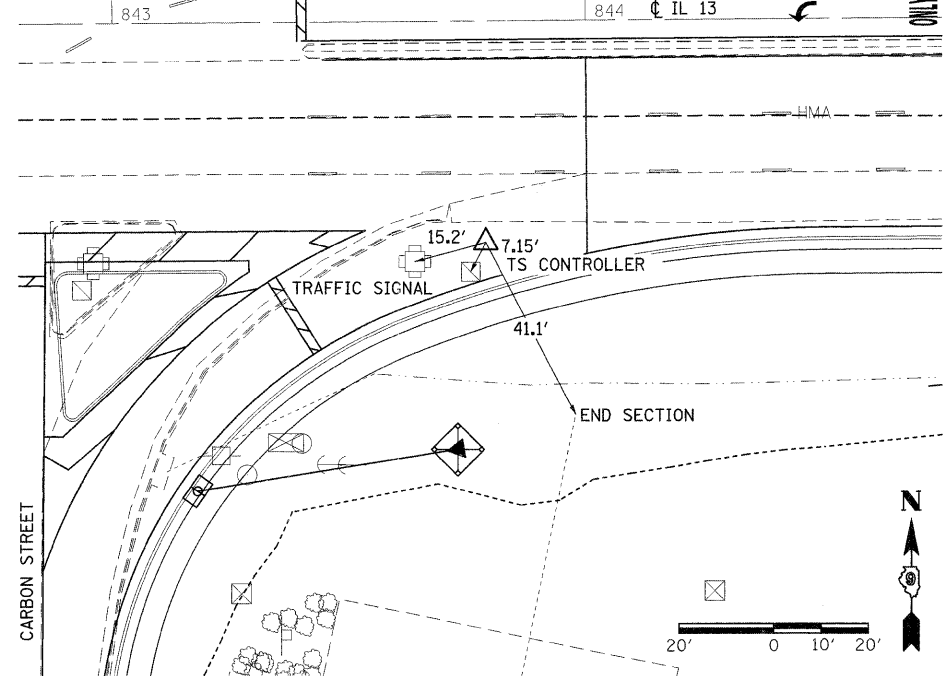
SEEDING AND EROSION CONTROL SCHEDULE

LOCATION STATION TO STATION	SEEDING, CLASS 1B	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMP. DITCH CHECKS	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER	STONE RIP-RAP, TYPE A4	FILTER FABRIC	REMARKS
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	FOOT	EACH	FOOT	SQ YD	SQ YD	
ILLINOIS 13 (EB LANES)														
836 + 63.0 RT TO 841 + 77.0 RT									11					
836 + 50.0 RT TO 842 + 20.0 RT	0.3	0.3	48	36	36	0.6	0.6		11		521			
838+10 RT														
838+21 LT												46.7	46.7	
843 + 0.0 RT TO 859 + 50.0 RT	1.2	1.2	192	144	144	2.4	2.4							
841 + 95.6 RT TO 842 + 9.0 RT											51			
843+76 RT														
844 + 0.0 RT TO 850 + 0.0 RT								267						
844+80 RT									11					
845+60 RT									11					
846+40 RT									11					
847+20 RT									11					
847+50 RT									11					
847+80 RT									11					
848+10 RT									11					
848+40 RT									11					
848+70 RT									11					
849+00 RT									11					
849+30 RT									11					
849+60 RT									11					
849 + 88.0 RT TO 850 + 13.0 RT												41.7	41.7	
850+00 RT											1			
850 + 0.0 RT TO 855 + 0.0 RT											502			
855 + 23.0 RT TO 859 + 50.0 RT								279						
855+23 RT											1			
855+75 RT									11					
856+20 RT									11					
856+75 RT									11					
857 + 50.0 RT TO 859 + 50.5 RT											202			
858+00 RT									11					
858+50 RT									11					
859+00 RT									11					
859+50 RT									11					
ILLINOIS 13 (WB LANES)														
835 + 0.0 LT TO 842 + 20.0 LT	0.4	0.4	64	48	48	0.8	0.8							
835+00 LT									11					
836+35 LT									11					
837 + 44.0 LT TO 839 + 47.6 LT											204			
837+70 LT									11					
837+97 LT											1			
840+00 LT											1			
840+50 LT									11					
840+97 LT											1			
843 + 5.0 LT TO 851 + 80.0 LT	0.6	0.6	96	72	72	1.2	1.2							
843+75 LT											1			
845+40 LT									11					
846 + 50.0 LT TO 849 + 0.0 LT									111					
847+00 LT									11					
847+80 LT									11					
848+10 LT									11					
848+40 LT									11					
848+70 LT									11					
849+00 LT									11					
849 + 0.0 RT TO 851 + 25.0 RT												594.2	594.2	
849+20 LT									11					
849+40 LT									11					
849+60 LT									11					
849+80 LT									11					
849+86.5 LT														
850+00 LT														
850+70 LT									11					
851+25 TO COX RD												91.6	91.6	NW QUAD OF COX RD
852 + 10.0 LT TO 859 + 50.0 LT	0.3	0.3	48	36	36	0.6	0.6							
852 + 50.0 LT TO 857 + 25.0 LT											211			
853+15 LT									11					
853+80 LT									11					
854+45 LT									11					
855 + 0.0 LT TO 856 + 50.0 LT												150		
855+23 LT											1			
855+90 LT									11					
856+60 LT									11					
858+15 LT									11					
859+50 LT									11					
CARBON														
11 + 53.0 RT TO 15 + 51.5 RT	0.1	0.1	16	12	12	0.2	0.2							
15 + 51.5 RT TO 16 + 64.0 RT	0.4	0.4	64	48	48	0.8	0.8							
TOTALS	3.3	3.3	528	396	396	6.6	6.6	868	484	10	1630	774	774	

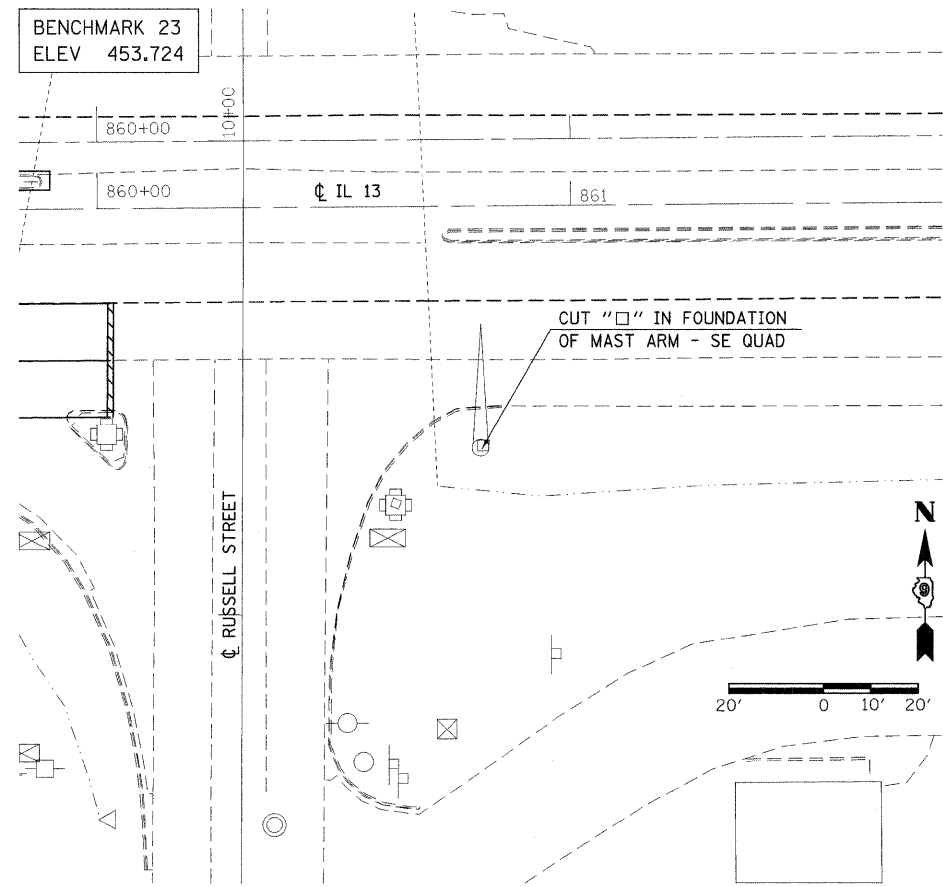
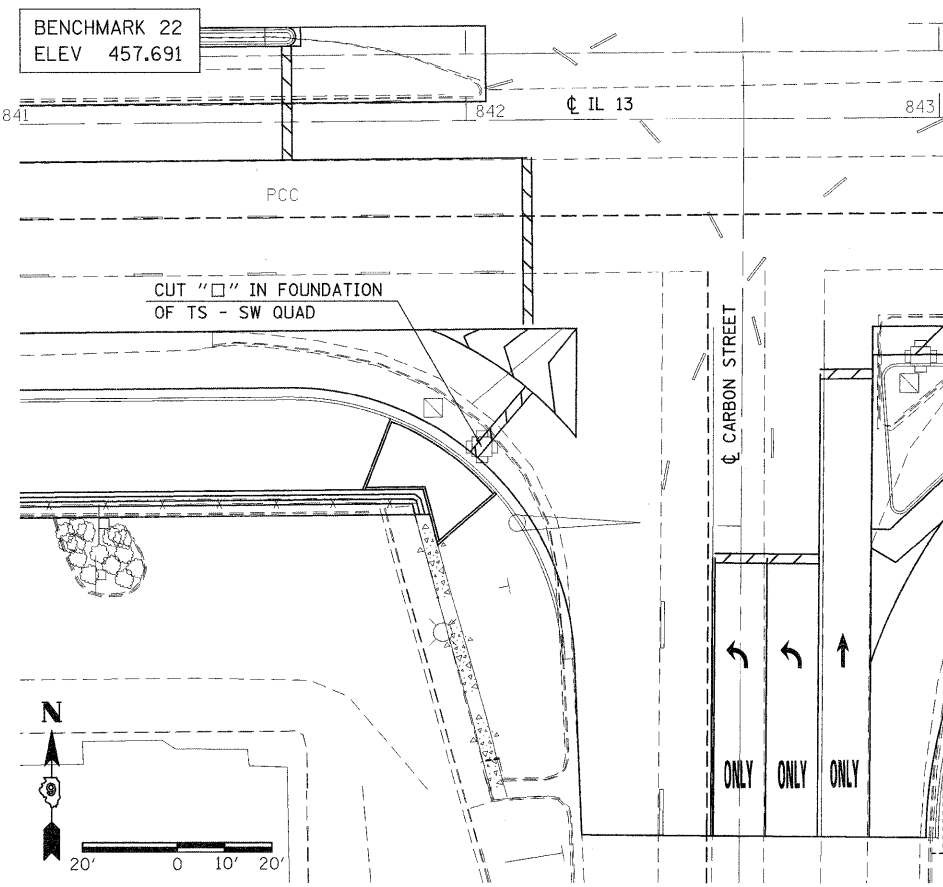
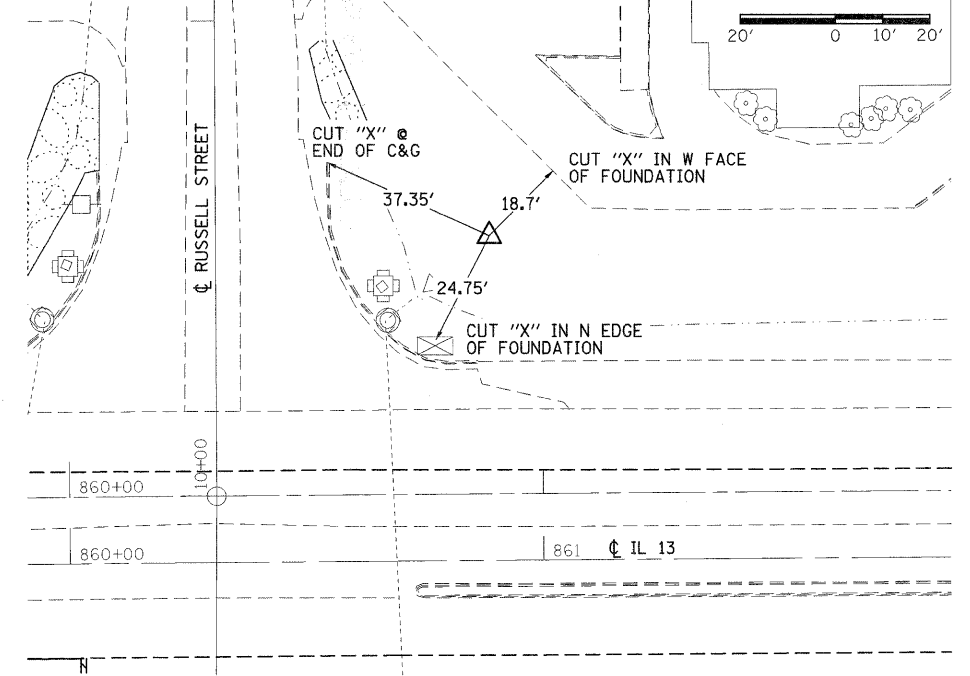
POINT T0316
 N 391586.317
 E 805726.583
 ELEV 457.691
 IL 13 WB
 STA 834+78.83
 OFF 52.30' RT



POINT T0317
 N 391584.987
 E 806626.418
 ELEV 459.824
 IL 13 WB
 STA 834+78.63
 OFF 60.51' RT



POINT C2910
 N 391712.928
 E 808335.890
 ELEV 455.522
 IL 13 WB
 STA 860+89.03
 OFF 54.35' LT



FILE NAME =	USER NAME = thomeshf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIEPOINTS, AND BENCHMARKS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/22/2011	DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.				

RELOCATE SIGN PANEL - TYPE 3
FROM STA 838+06 TO STA 835+50
CONCRETE FOUNDATIONS, GROUND MOUNT
STRUCTURAL STEEL SIGN SUPPORT -
BREAKAWAY

CL FAP 331 (IL 13) MEDIAN

REMOVE CONCRETE FOUNDATION -
GROUND MOUNT
STA 838+06

INLET, SPECIAL
STA 841+98.41 @ 98.83' LT
TOP OF INLET = 459.62
INVERT ELEV. = 456.80

INLET, SPECIAL
STA 843+30.74 @ 87.99' LT
TOP OF INLET = 459.55
INVERT ELEV. = 456.53

IMPROVEMENT BEGINS
STA 835+42.76

PIPE CULVERT, TYPE 1
CL D, 24"

STORM SEWER, TYPE 1,
CL A, 24"

STORM SEWER, TYPE 1,
CL A, 12"

END SECTIONS 24"

END SECTIONS, 24"

PRECAST REINFORCED CONCRETE
FLARED END SECTION, 24"

PRECAST REINFORCED CONCRETE
FLARED END SECTION, 12"

BITTLE PL

835+00

00+51

840+00

845+00

PROJECT BEGINS
STA 836+64.57

(TEL)

CONCRETE GUTTER,
TYPE A (SPECIAL)

SLOPE WALL 4 INCH
SEE SHEET 84 FOR DETAILS

CARBON STREET

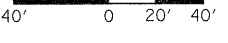
STORM SEWER, TYPE 1,
CL A, 12"

PRECAST REINFORCED CONCRETE
FLARED END SECTION, 12"

PCC SIDEWALK, 5"

INLET, SPECIAL
STA 843+18.50 @ 98.52' RT
TOP OF INLET = 459.70
INVERT ELEV. = 456.78

CLASS SI CONCRETE (OUTLET)
DISCHARGE ELEV. = 452.89



462	EXISTING C PROFILE WB LANES																				462																																							
460																					460																																							
458																					458																																							
456																					456																																							
	457.85	457.96	458.05	458.14	458.24	458.33	458.43	458.52	458.61	458.72	458.85	458.98	459.06	459.14	459.22	459.30	459.38	459.45	459.52	459.57	459.63	459.68	459.75	459.83	459.88	459.92	459.96	460.00	460.05	460.09	460.13	460.17	460.21	460.24	460.26	460.29	460.31	460.33	460.33	460.36	460.39	460.40	460.49	460.47	460.51	460.51	460.50	460.46	460.43	460.47	460.48	460.44	460.36	460.29	460.28	460.27	460.20	460.18	460.15	460.12
	835+00					836+00					837+00					838+00					839+00					840+00					841+00					842+00					843+00					844+00					845+00									

462																					462																																																		
460	EXISTING C PROFILE EB LANES																				460																																																		
458																					458																																																		
456																					456																																																		
	457.82	457.90	458.01	458.12	458.23	458.33	458.42	458.54	458.67	458.77	458.86	458.94	459.03	459.11	459.19	459.27	459.35	459.41	459.49	459.58	459.64	459.71	459.77	459.82	459.92	460.00	460.03	460.08	460.13	460.16	460.21	460.24	460.26	460.28	460.31	460.35	460.39	460.41	460.44	460.45	460.47	460.51	460.55	460.56	460.58	460.56	460.58	460.60	460.61	459.96	460.59	460.05	460.55	460.19	460.49	460.34	460.54	460.46	460.53	460.49	460.49	460.46	460.46	460.43	460.41	460.41	460.36	460.38	460.31	460.34	460.27
	835+00					836+00					837+00					838+00					839+00					840+00					841+00					842+00					843+00					844+00					845+00																				

PROPOSED SIDEWALK PROFILE
(FOLLOWS LEFT EDGE)

STA 843+37.70
ELEV 459.94

STA 843+45.60
ELEV 460.01

STA 844+10.00
ELEV 460.42

STA 845+50.00
ELEV 460.29

+0.89%

+0.75%

+0.41%

-0.12%

-0.24%

FILE NAME =
c:\pwork\pwork\thomashf\08157472\78155

USER NAME = thomashf
DESIGNED -
CHECKED -
DRAWN -
CHECKED -

REVISIONS
REVISOR
DATE

REVISOR
DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN / PROFILE
IL 13

SCALE: 1"=40'

SHEET NO. 1 OF 3 SHEETS

STA. TO STA.

F.A.P.
RTE.
331

SECTION
(1X-1R-1,RS-2,N-2,TS-3)

COUNTY
WILLIAMSON

TOTAL SHEETS
167

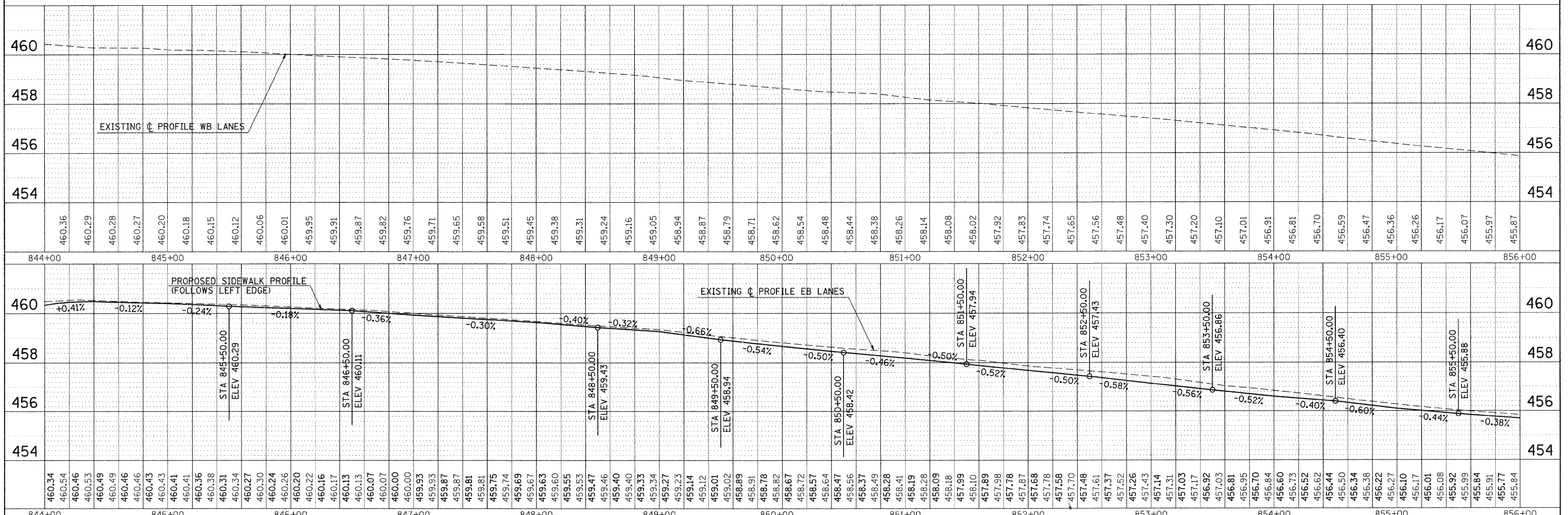
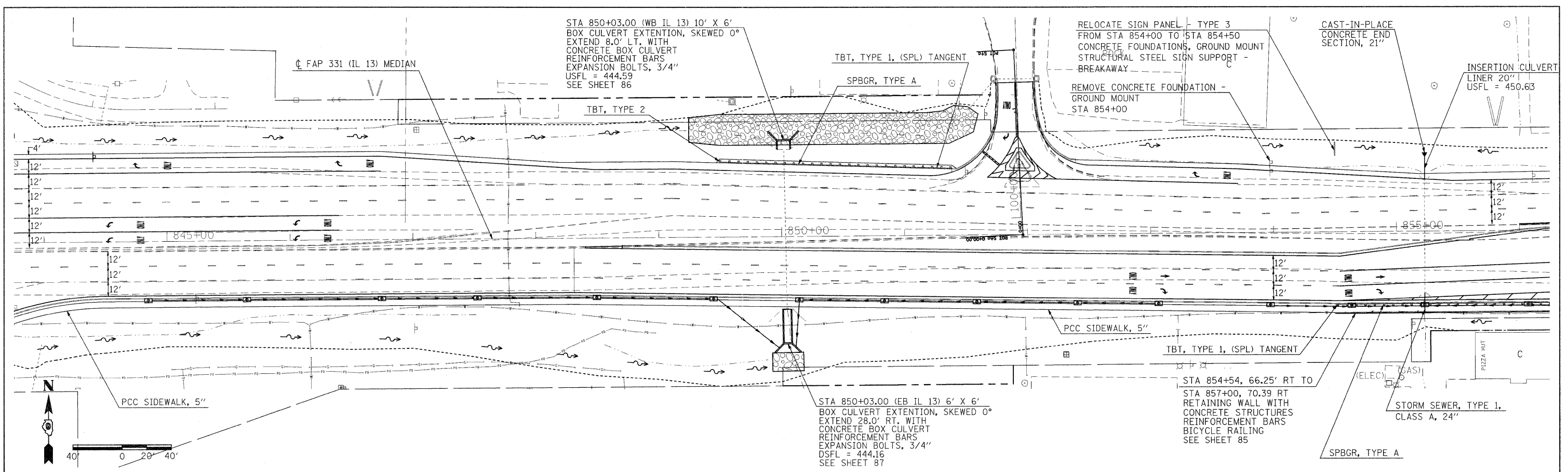
SHEET NO.
38

CONTRACT NO. 78155

(ILLINOIS) FED. AID PROJECT

PLAN
 SURVEYED
 ALIGNED
 CHECKED
 RT. OF WAY
 CHECKED
 NO.
 DATE

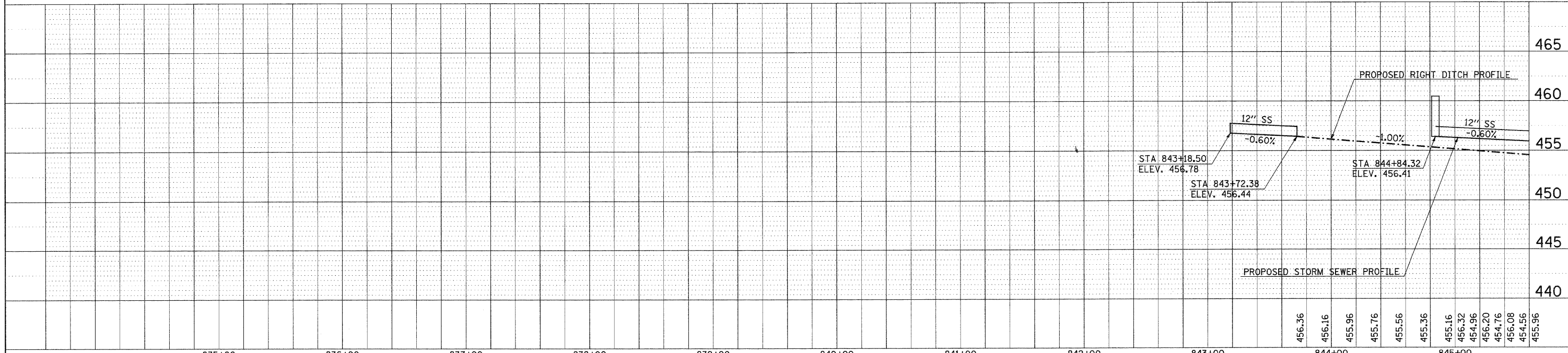
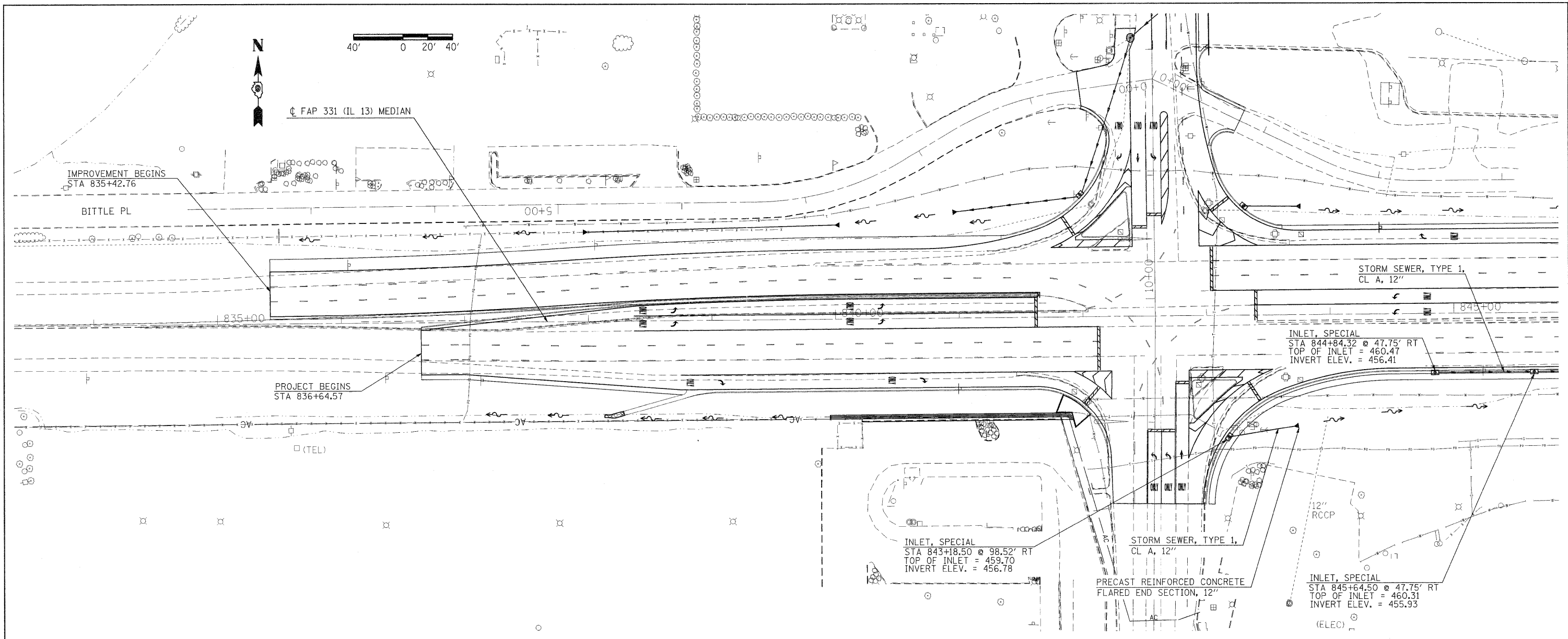
PROFILE
 SURVEYED
 GRADES
 CHECKED
 B.M. NOTED
 STRUCTURE
 NOTATIONS
 COR'D
 NO.
 DATE



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN / PROFILE IL 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\p1\dot\thomashf\08157472\78155	shf-p1np-f2.dgn	CHECKED -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	39	
	PLOT SCALE = 40,0000 ' / IN.	DRAWN -	REVISED -			CONTRACT NO. 78155		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 4/19/2011	CHECKED -	REVISED -			SCALE: 1"=40'	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.		

DATE: _____ BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK NO. _____
 ALIGNMENT CHECKED: _____
 RT. OF WAY CHECKED: _____
 PADD FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PROFILE: _____
 NOTE BOOK NO. _____
 GRADES CHECKED: _____
 ELEM. NOTED: _____
 STRUCTURE NOTATIONS: CHKD

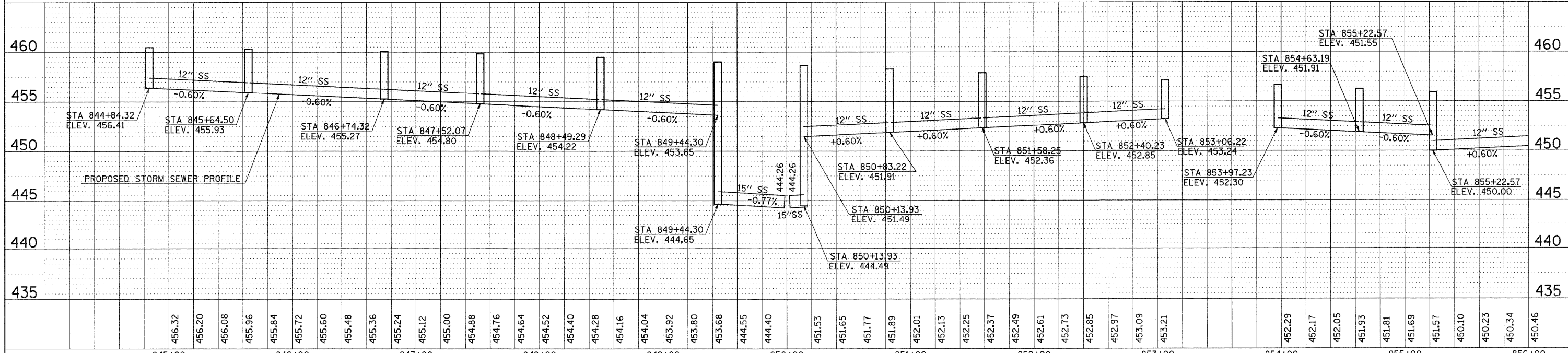
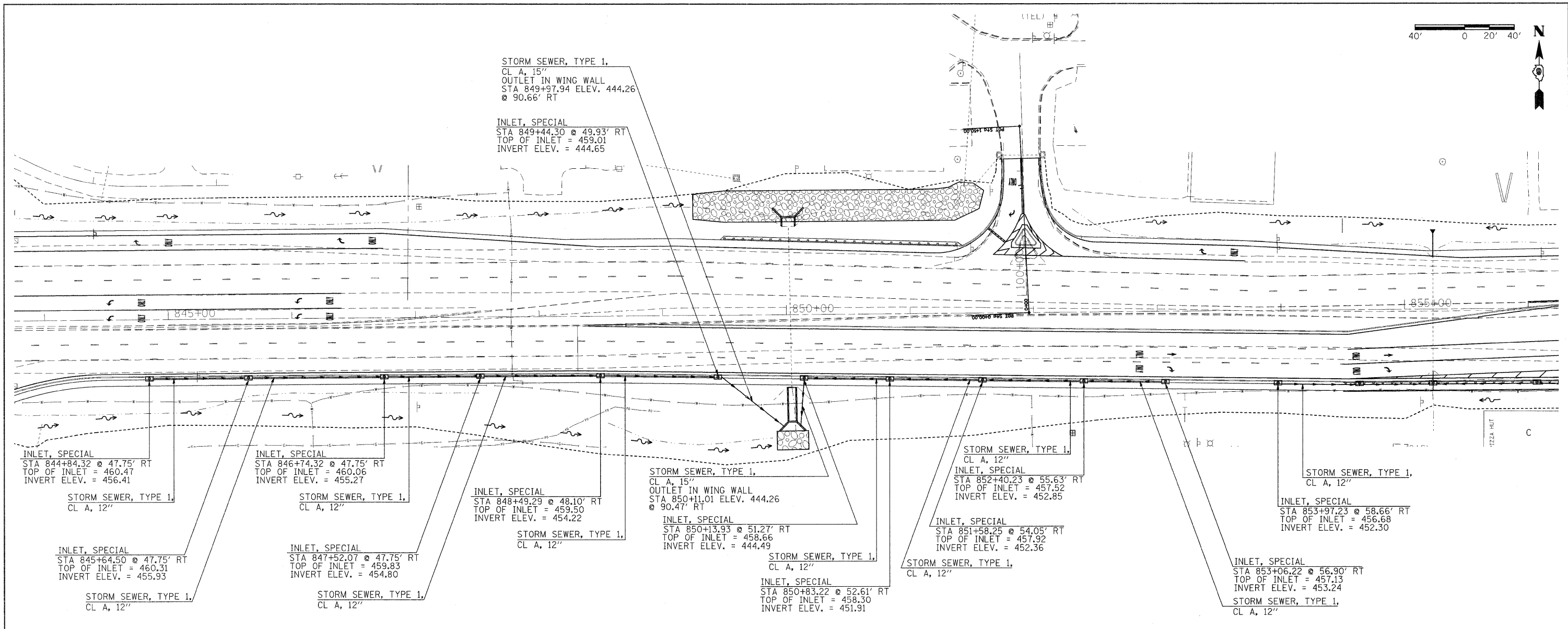


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PLOT DATE = 4/19/2011	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT							



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BY	
REVISIONS	
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DATE	
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REVISIONS	
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DATE	
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REVISIONS	
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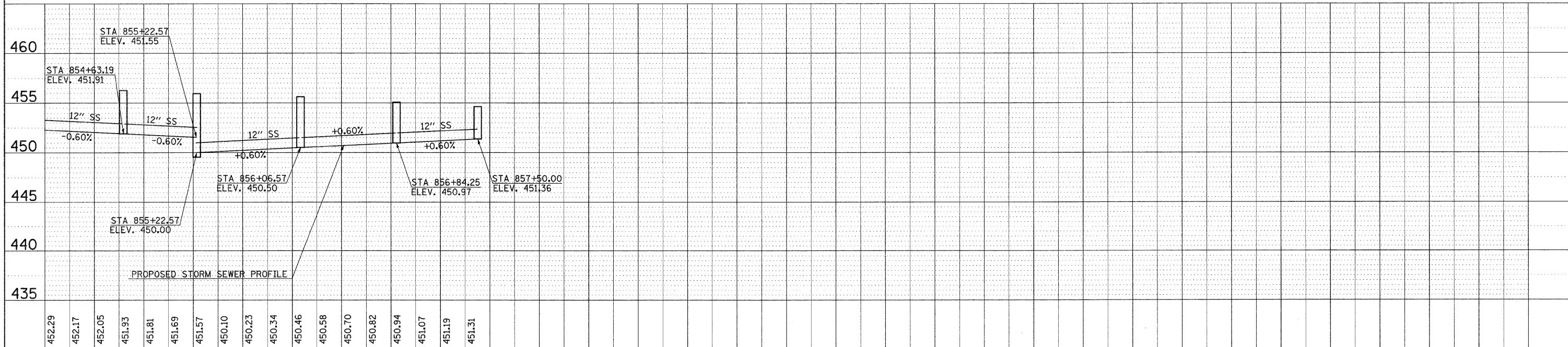
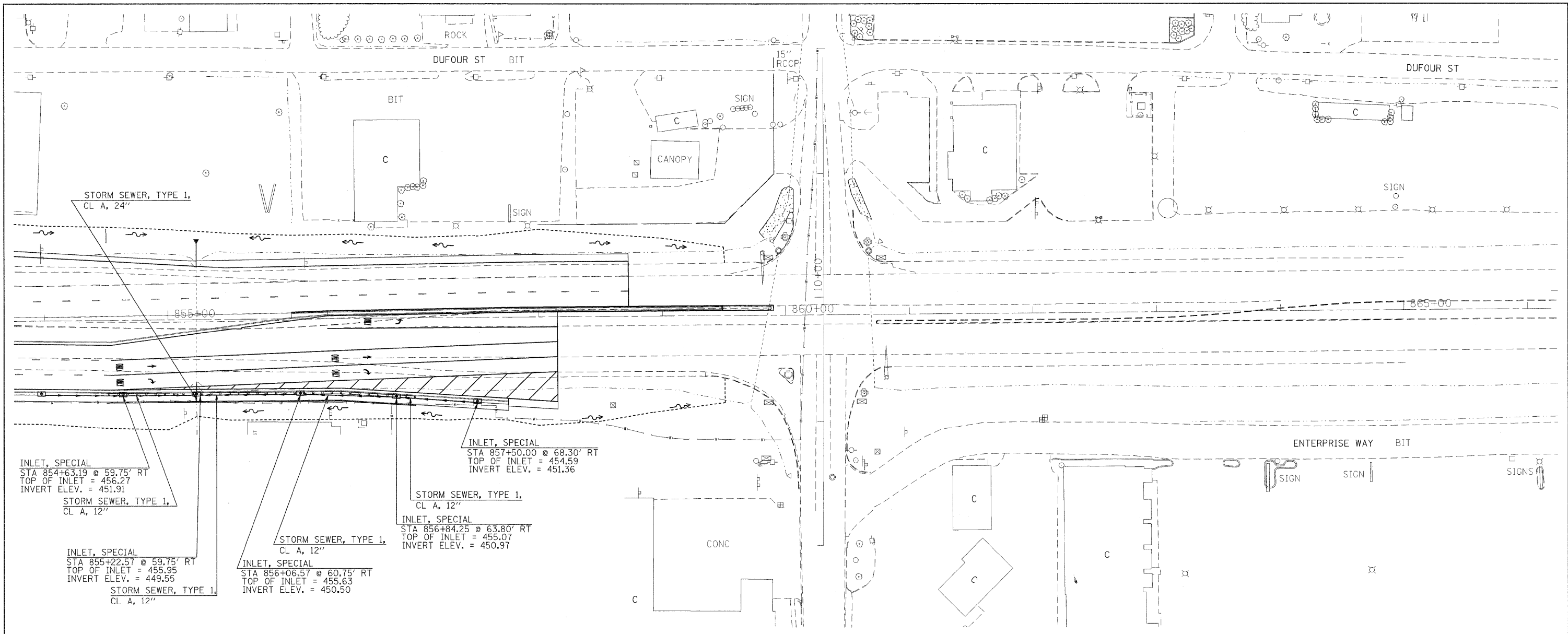
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FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM SEWER PLAN- PROFILE IL 13				F.A.P. RTEL.	SECTION	COUNTY	TOTAL SHEETS
ca:\px\work\pxesdot\thomashf\00157472\78155\st-h-p1npr f2.dgn	DRAWN -	REVISED -	REVISED -		331	(IX-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167				
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PLOT DATE = 4/19/2011	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

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ALIGNED	
CHECKED	
RT. OF WAY	
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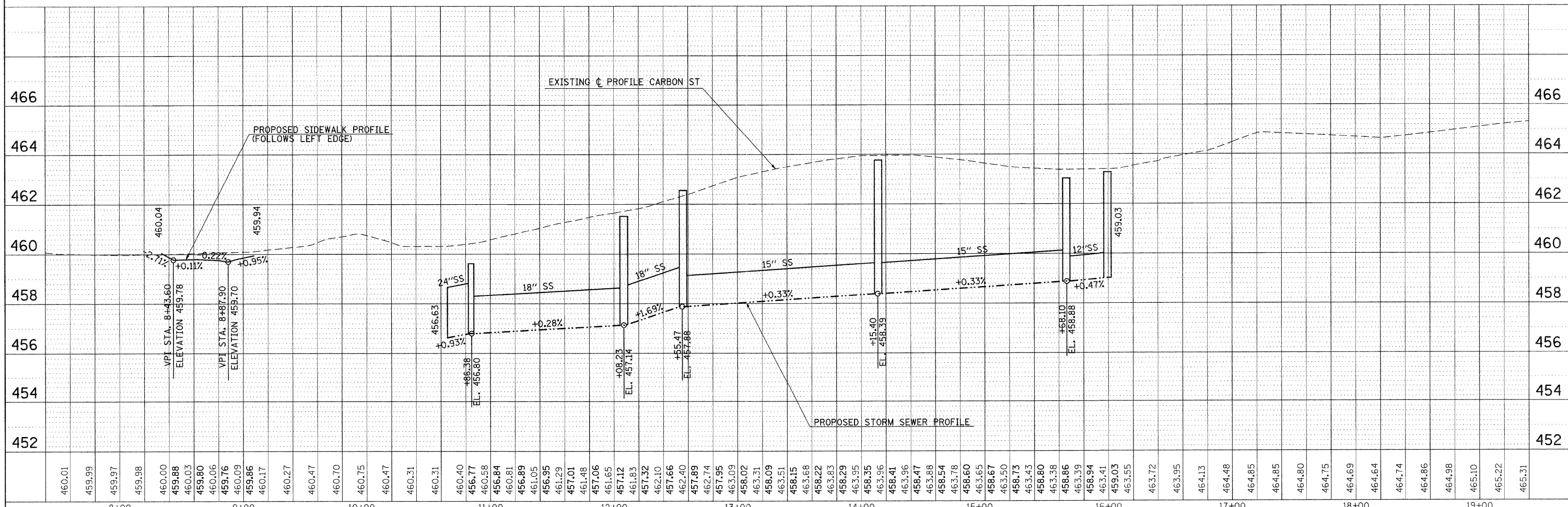
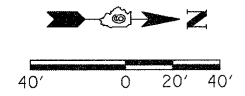
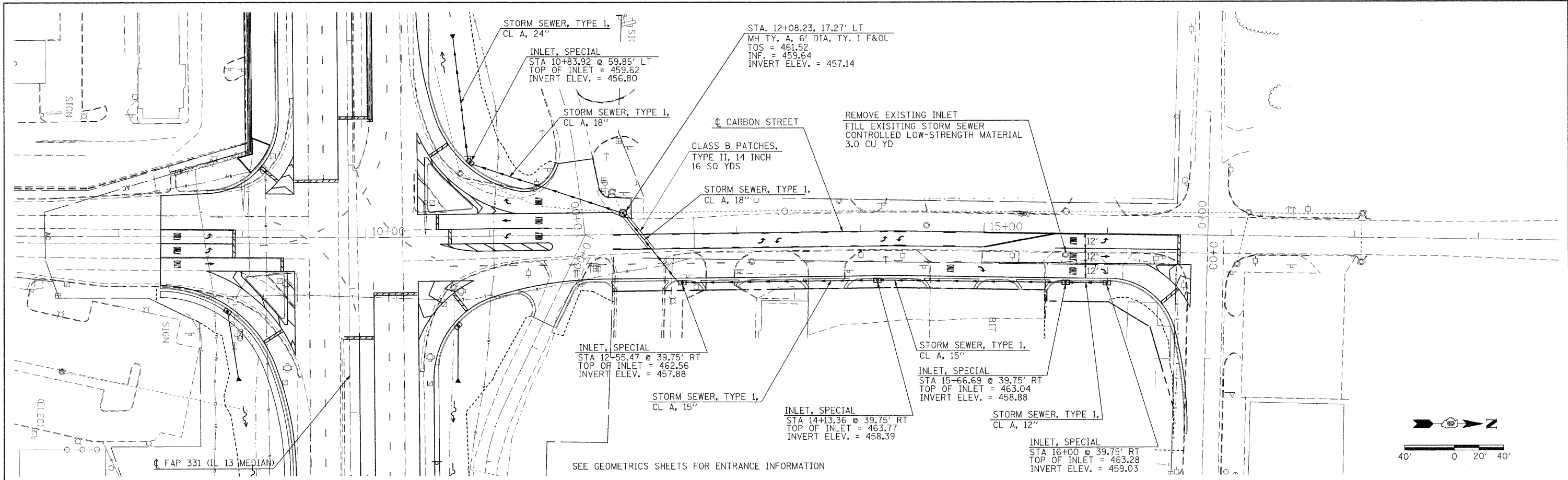
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FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM SEWER PLAN- PROFILE IL 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwork\thomashf\08157472\78155	shh-plnpr-f2.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	43	
	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/19/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN SURVEYED BY DATE
 FIELD CHECKED BY
 ALIGNMENT CHECKED BY
 RT. OF WAY CHECKED BY
 CAD FILE NAME

PROFILE SURVEYED BY DATE
 FIELD CHECKED BY
 CLASS. NOTED BY
 STRUCTURE NOTATIONS OTHER



460.01	459.99	459.97	459.98	460.00	459.88	460.03	459.80	459.76	459.86	460.17	460.27	460.47	460.70	460.75	460.47	460.31	460.31	460.40	456.77	460.58	456.84	460.81	456.89	461.05	456.95	461.29	457.01	461.48	461.65	457.12	461.83	457.32	462.10	457.66	462.40	457.89	462.74	457.95	463.09	458.02	463.31	458.09	463.51	463.51	458.15	463.68	458.22	463.83	458.29	463.95	458.35	463.96	458.41	463.96	458.47	463.88	458.54	463.78	458.60	463.65	458.67	463.50	463.73	463.43	458.80	463.38	458.86	463.39	458.94	463.41	459.03	463.55	463.72	463.95	464.13	464.48	464.85	464.85	464.80	464.75	464.69	464.64	464.74	464.86	464.98	465.10	465.22	465.31																																											
										8+00											9+00											10+00											11+00											12+00											13+00											14+00											15+00											16+00											17+00											18+00											19+00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN / PROFILE
 CARBON STREET

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 USER NAME = thomashf
 PLOT SCALE = 40,0000' / IN.
 PLOT DATE = 4/19/2011

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 CHECKED -
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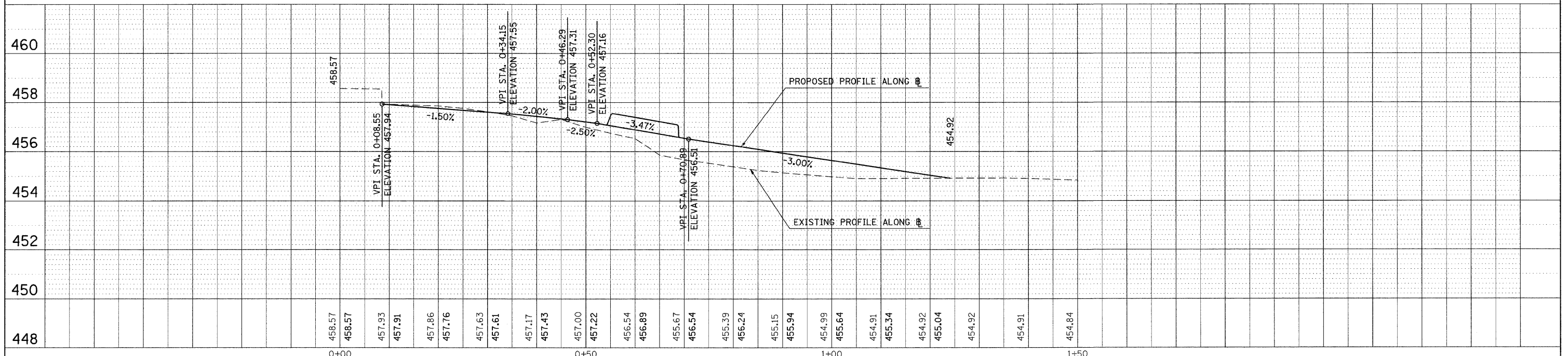
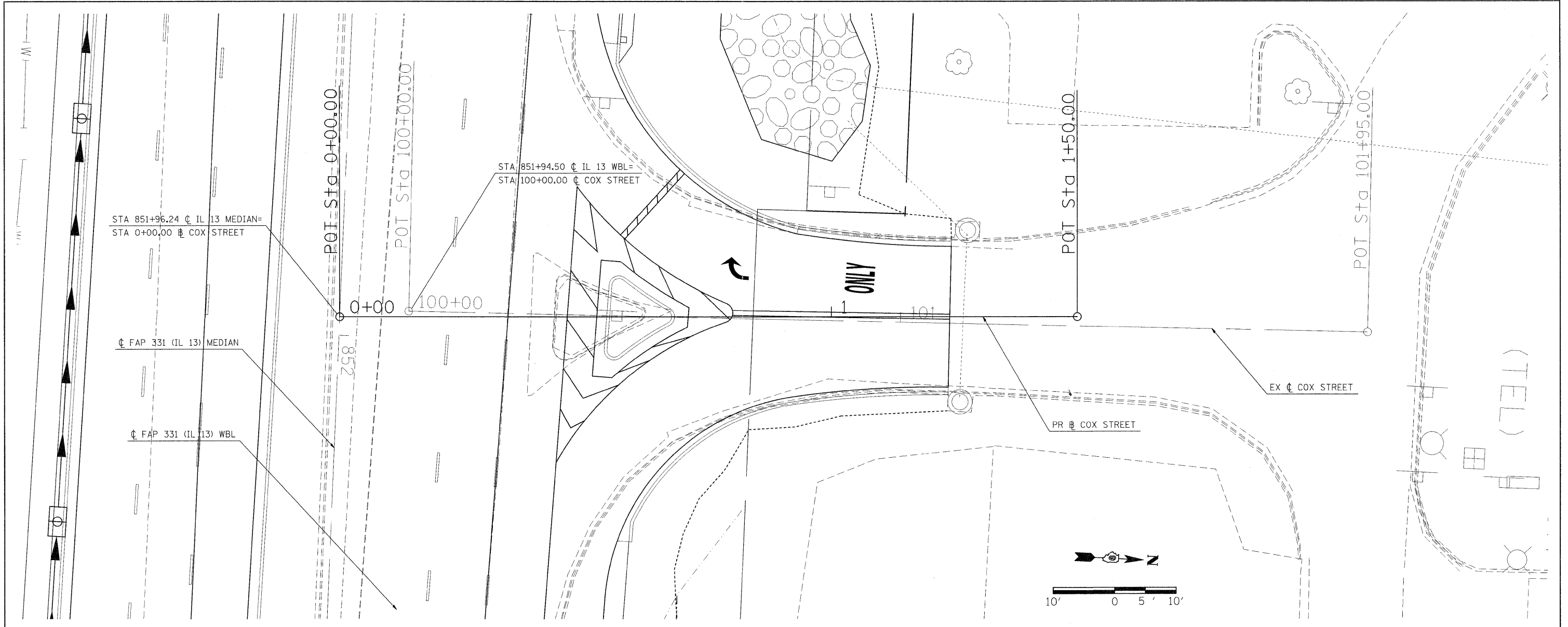
REVISED -
 REVISED -
 REVISED -
 REVISED -

SCALE: 1"=40'
 SHEET NO. 10 OF SHEETS
 STA. TO STA.

F.A.P. RTE. 331
 SECTION (1X-1R-1,RS-2,N-2,TS-3)
 COUNTY WILLIAMSON
 TOTAL SHEETS 167
 SHEET NO. 44
 CONTRACT NO. 78155
 ILLINOIS FED. AID PROJECT


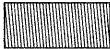


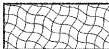

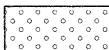

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NOTE BOOK	ALIGNED		
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	ADD. FILE NAME		

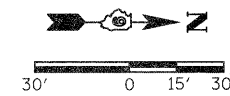
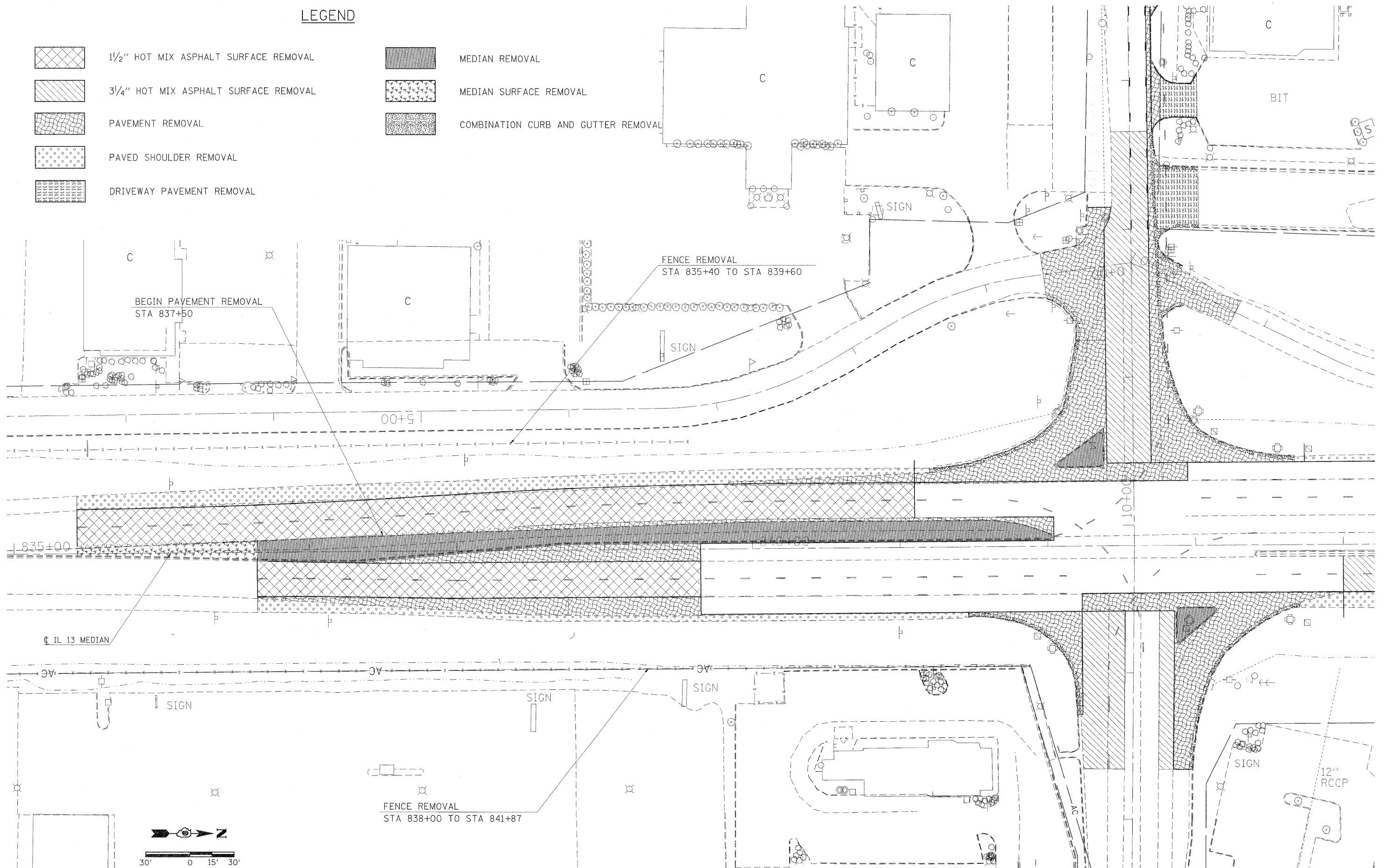
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NOTE BOOK	GRADES CHECKED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CTRD		



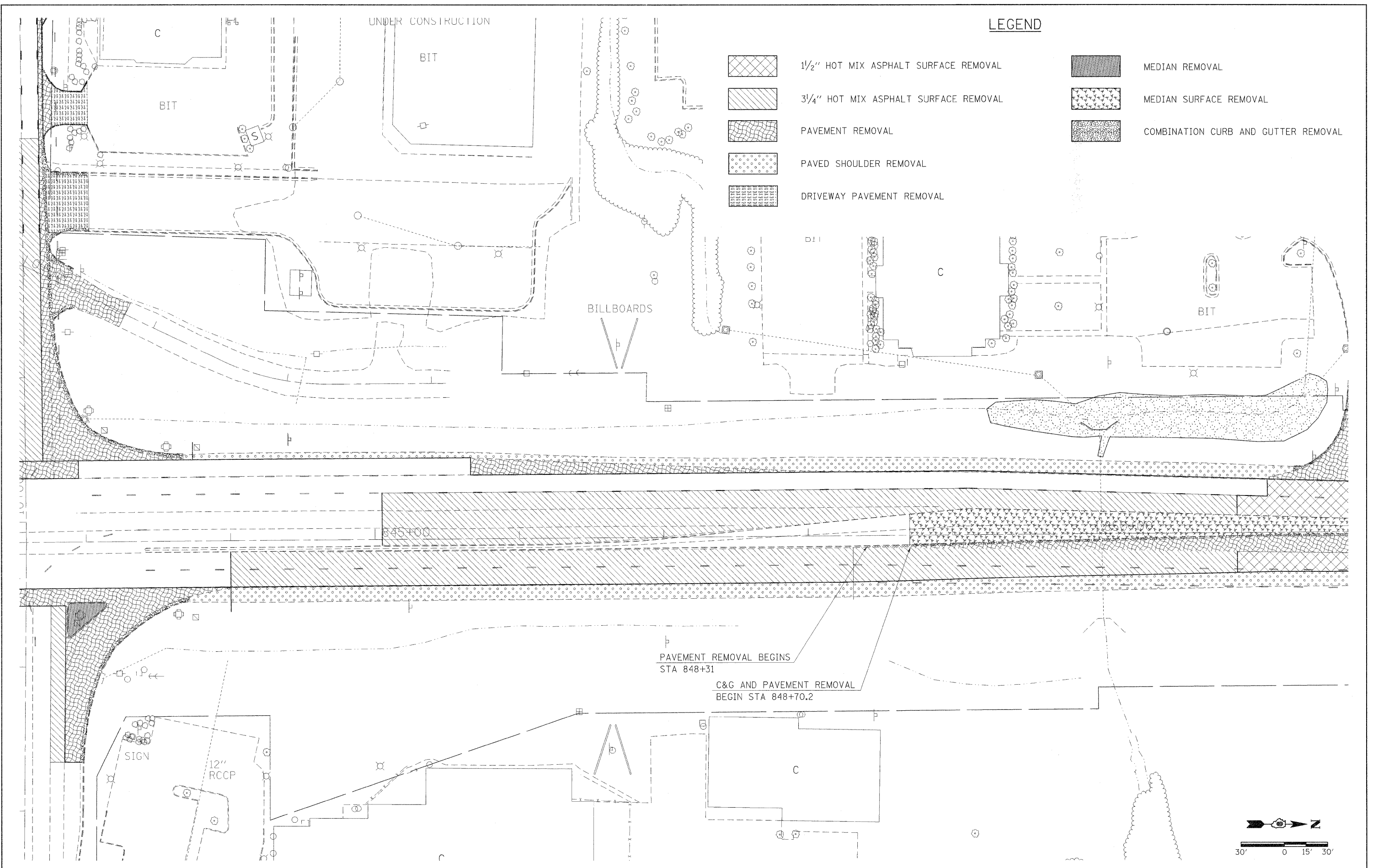
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ct:\pwwork\pkdot\thomeshf\d0157472\76155	sh:plnprf2.dgn	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -								
	PLOT DATE = 4/19/2011	DATE -	REVISED -								

LEGEND

- | | | | |
|---|--------------------------------------|--|-------------------------------------|
|  | 1/2" HOT MIX ASPHALT SURFACE REMOVAL |  | MEDIAN REMOVAL |
|  | 3/4" HOT MIX ASPHALT SURFACE REMOVAL |  | MEDIAN SURFACE REMOVAL |
|  | PAVEMENT REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL |
|  | PAVED SHOULDER REMOVAL | | |
|  | DRIVEWAY PAVEMENT REMOVAL | | |



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN IL 13 / CARBON STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/21/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

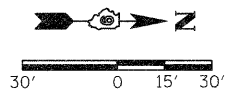


LEGEND

- 1 1/2" HOT MIX ASPHALT SURFACE REMOVAL
- 3 3/4" HOT MIX ASPHALT SURFACE REMOVAL
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- MEDIAN SURFACE REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL





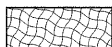


PAVEMENT REMOVAL BEGINS
STA 848+31

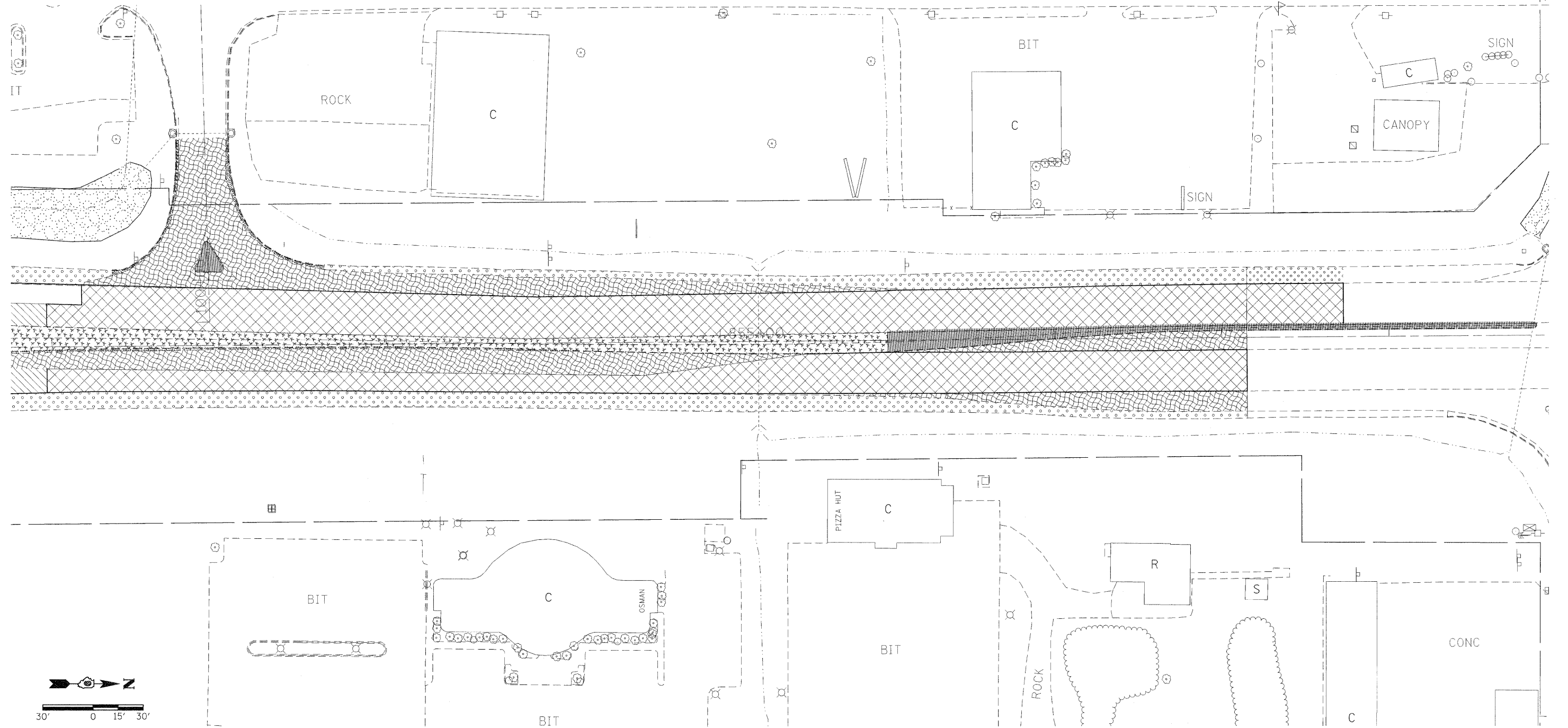
C&G AND PAVEMENT REMOVAL
BEGIN STA 848+70.2



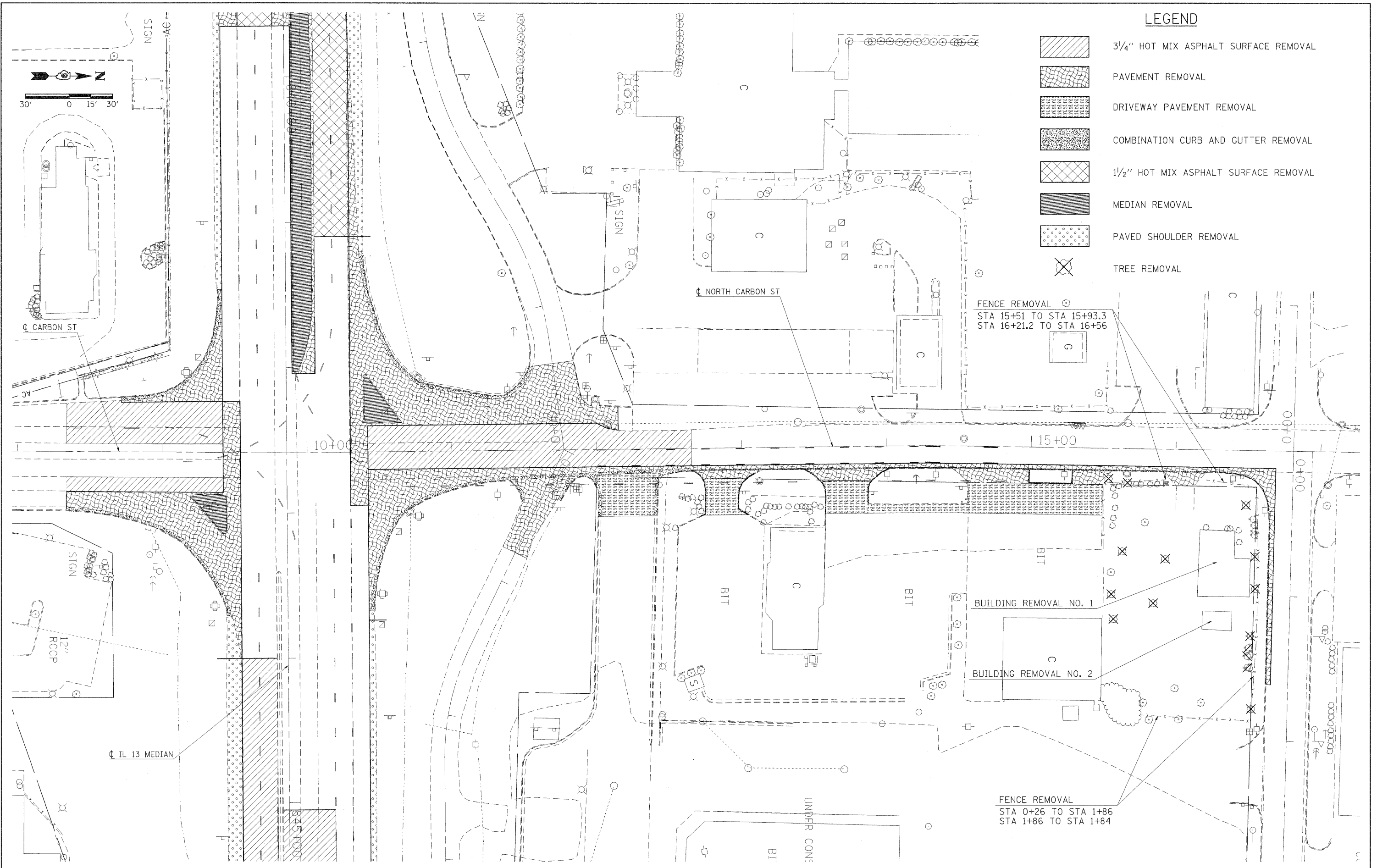
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LEGEND


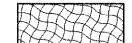





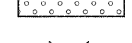
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|---|--|--|-------------------------------------|
|  | 1 1/2" HOT MIX ASPHALT SURFACE REMOVAL |  | MEDIAN REMOVAL |
|  | 3 1/4" HOT MIX ASPHALT SURFACE REMOVAL |  | MEDIAN SURFACE REMOVAL |
|  | PAVEMENT REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL |
|  | PAVED SHOULDER REMOVAL | | |



FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN IL 13				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 4/19/2011	DATE -	REVISED -		SHEET NO. OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				



LEGEND

-  3/4" HOT MIX ASPHALT SURFACE REMOVAL
-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  1 1/2" HOT MIX ASPHALT SURFACE REMOVAL
-  MEDIAN REMOVAL
-  PAVED SHOULDER REMOVAL
-  TREE REMOVAL

FENCE REMOVAL
 STA 15+51 TO STA 15+93.3
 STA 16+21.2 TO STA 16+56

FENCE REMOVAL
 STA 0+26 TO STA 1+86
 STA 1+86 TO STA 1+84

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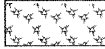
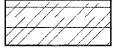
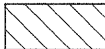
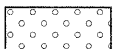
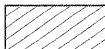

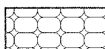
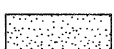


**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

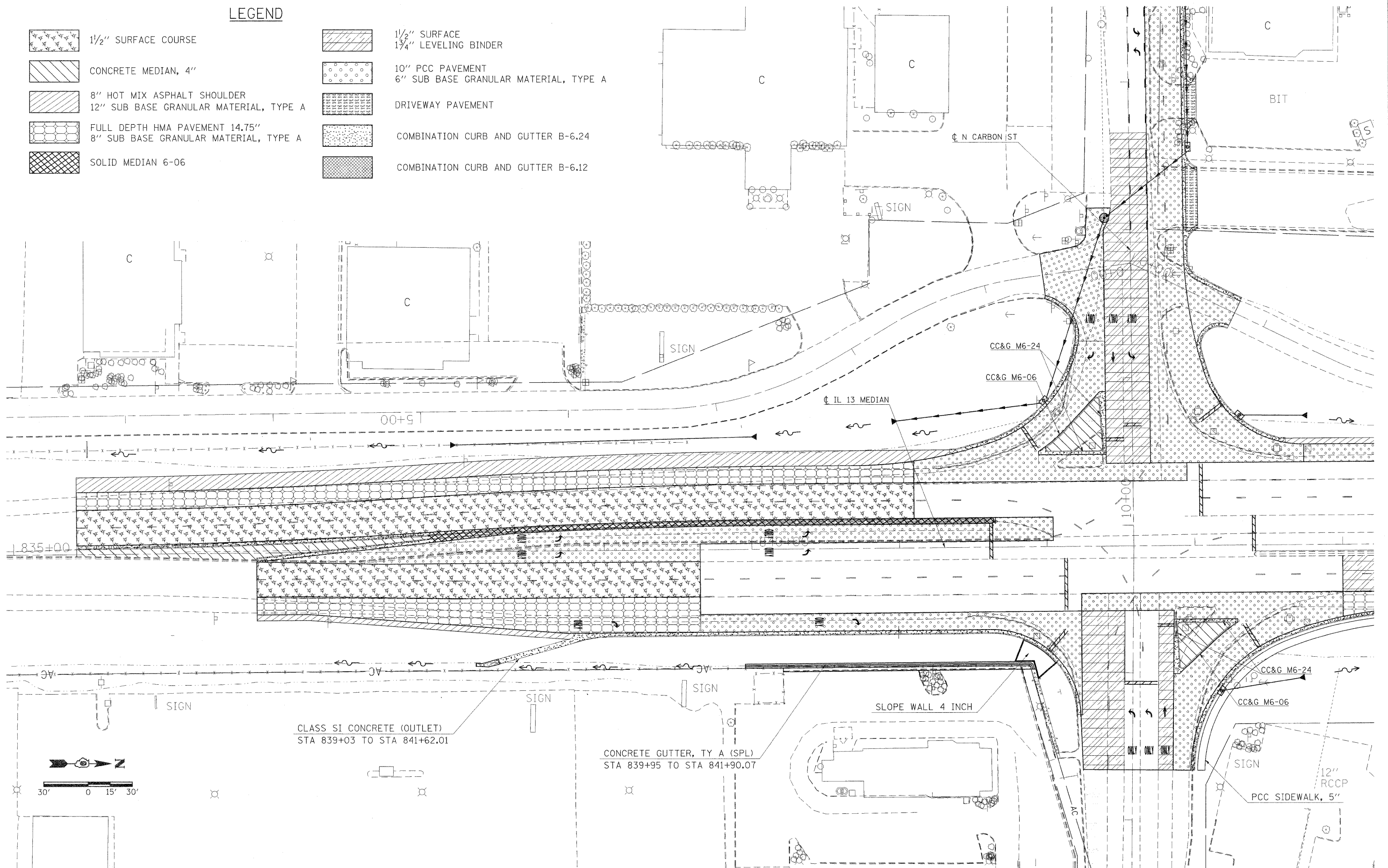
**REMOVAL PLAN
 CARBON STREET**

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1JR-1,RS-2,N-2,TS-3	WILLIAMSON	167	49
CONTRACT NO. 78155			ILLINOIS FED. AID PROJECT	

LEGEND

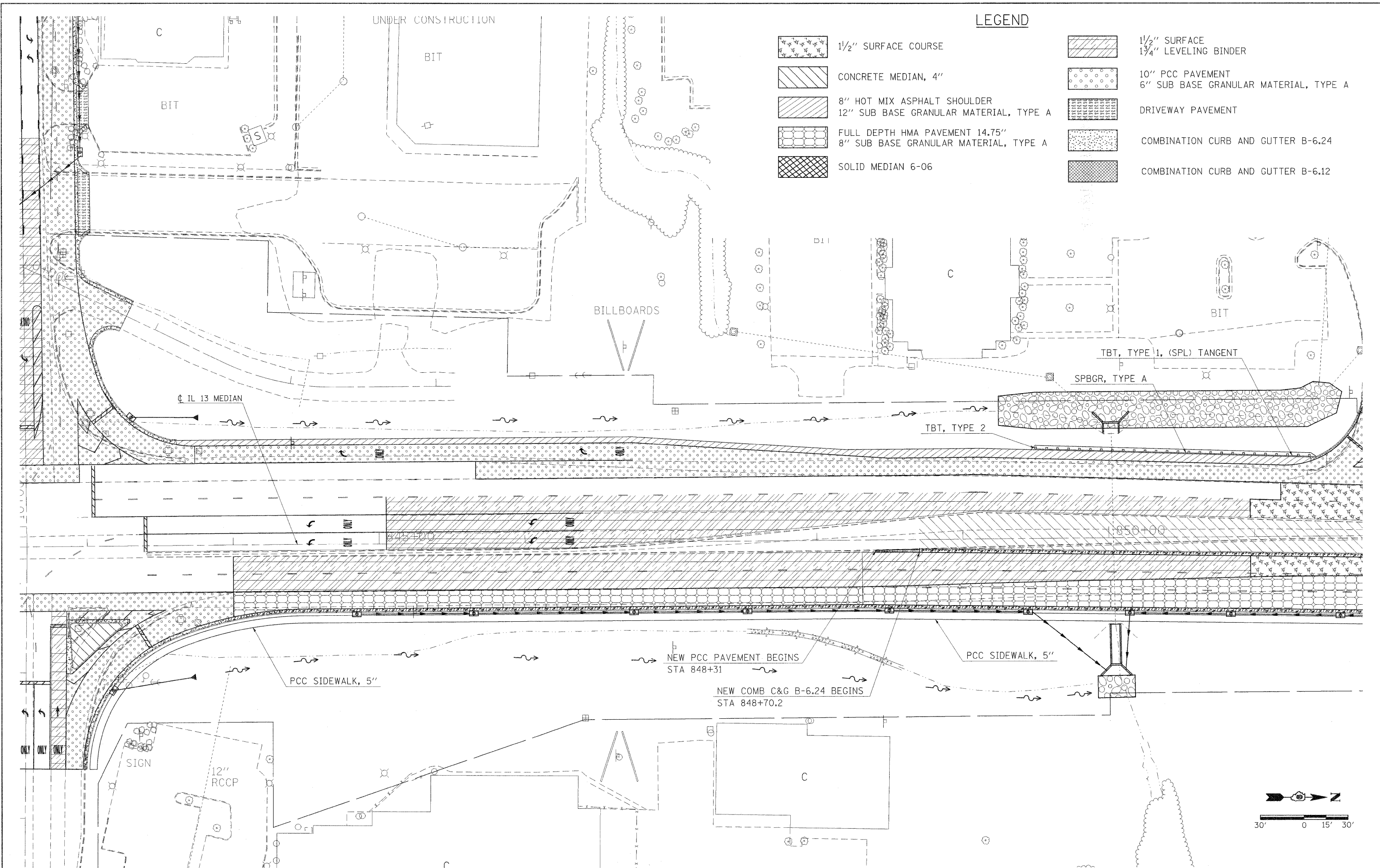
- | | | | |
|---|---|---|---|
|  | 1/2" SURFACE COURSE |  | 1 1/2" SURFACE
1 3/4" LEVELING BINDER |
|  | CONCRETE MEDIAN, 4" |  | 10" PCC PAVEMENT
6" SUB BASE GRANULAR MATERIAL, TYPE A |
|  | 8" HOT MIX ASPHALT SHOULDER
12" SUB BASE GRANULAR MATERIAL, TYPE A |  | DRIVEWAY PAVEMENT |
|  | FULL DEPTH HMA PAVEMENT 14.75"
8" SUB BASE GRANULAR MATERIAL, TYPE A |  | COMBINATION CURB AND GUTTER B-6.24 |
|  | SOLID MEDIAN 6-06 |  | COMBINATION CURB AND GUTTER B-6.12 |



CLASS SI CONCRETE (OUTLET)
STA 839+03 TO STA 841+62.01

CONCRETE GUTTER, TY A (SPL)
STA 839+95 TO STA 841+90.07

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PLOT DATE = 3/21/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



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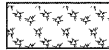
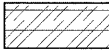
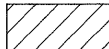
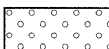






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

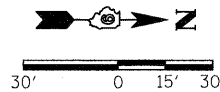
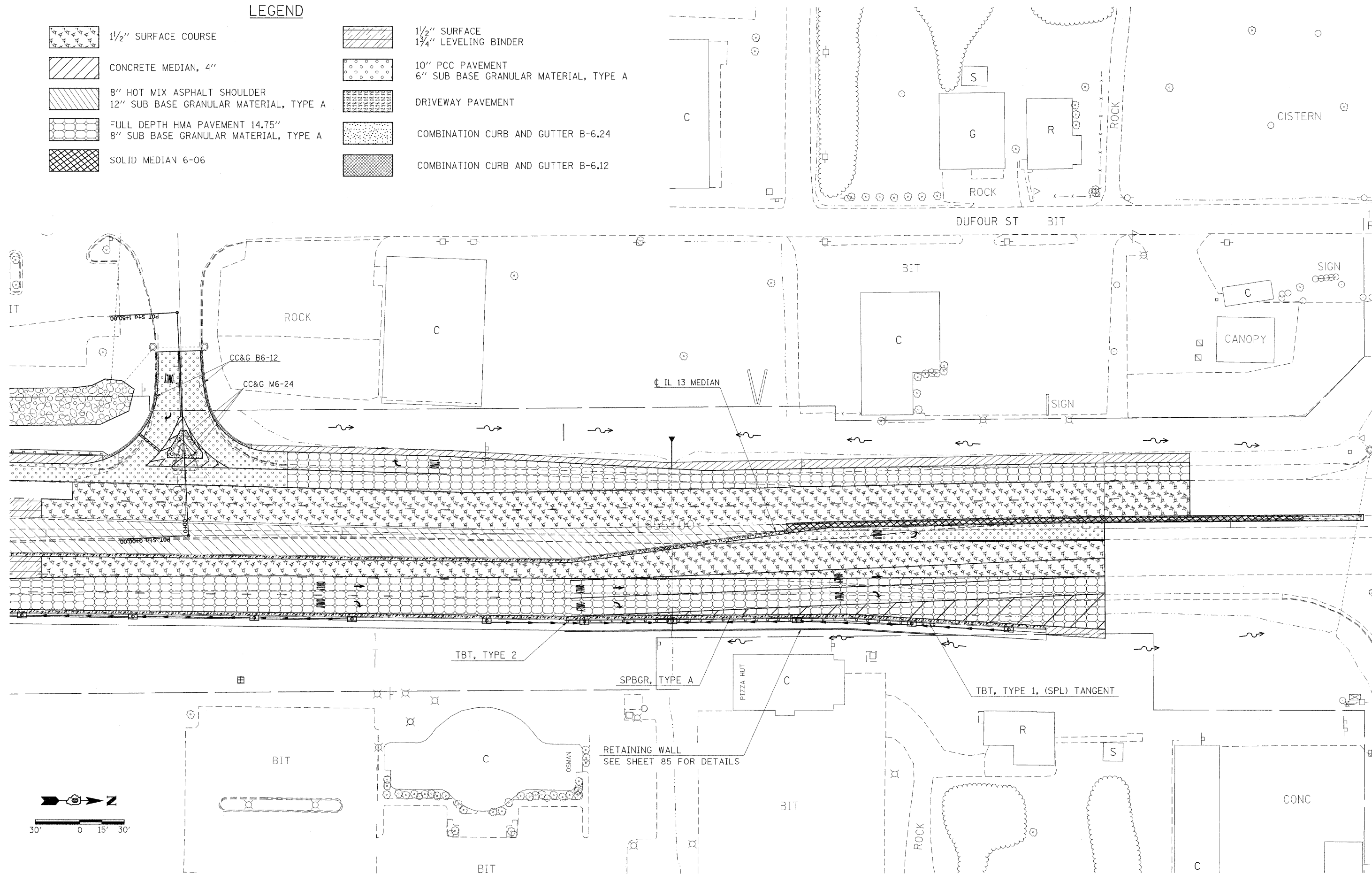
**CONSTRUCTION PLAN
IL 13**

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	51
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

LEGEND

- | | | | |
|---|---|---|---|
|  | 1/2" SURFACE COURSE |  | 1/2" SURFACE
1 3/4" LEVELING BINDER |
|  | CONCRETE MEDIAN, 4" |  | 10" PCC PAVEMENT
6" SUB BASE GRANULAR MATERIAL, TYPE A |
|  | 8" HOT MIX ASPHALT SHOULDER
12" SUB BASE GRANULAR MATERIAL, TYPE A |  | DRIVEWAY PAVEMENT |
|  | FULL DEPTH HMA PAVEMENT 14.75"
8" SUB BASE GRANULAR MATERIAL, TYPE A |  | COMBINATION CURB AND GUTTER B-6.24 |
|  | SOLID MEDIAN 6-06 |  | COMBINATION CURB AND GUTTER B-6.12 |



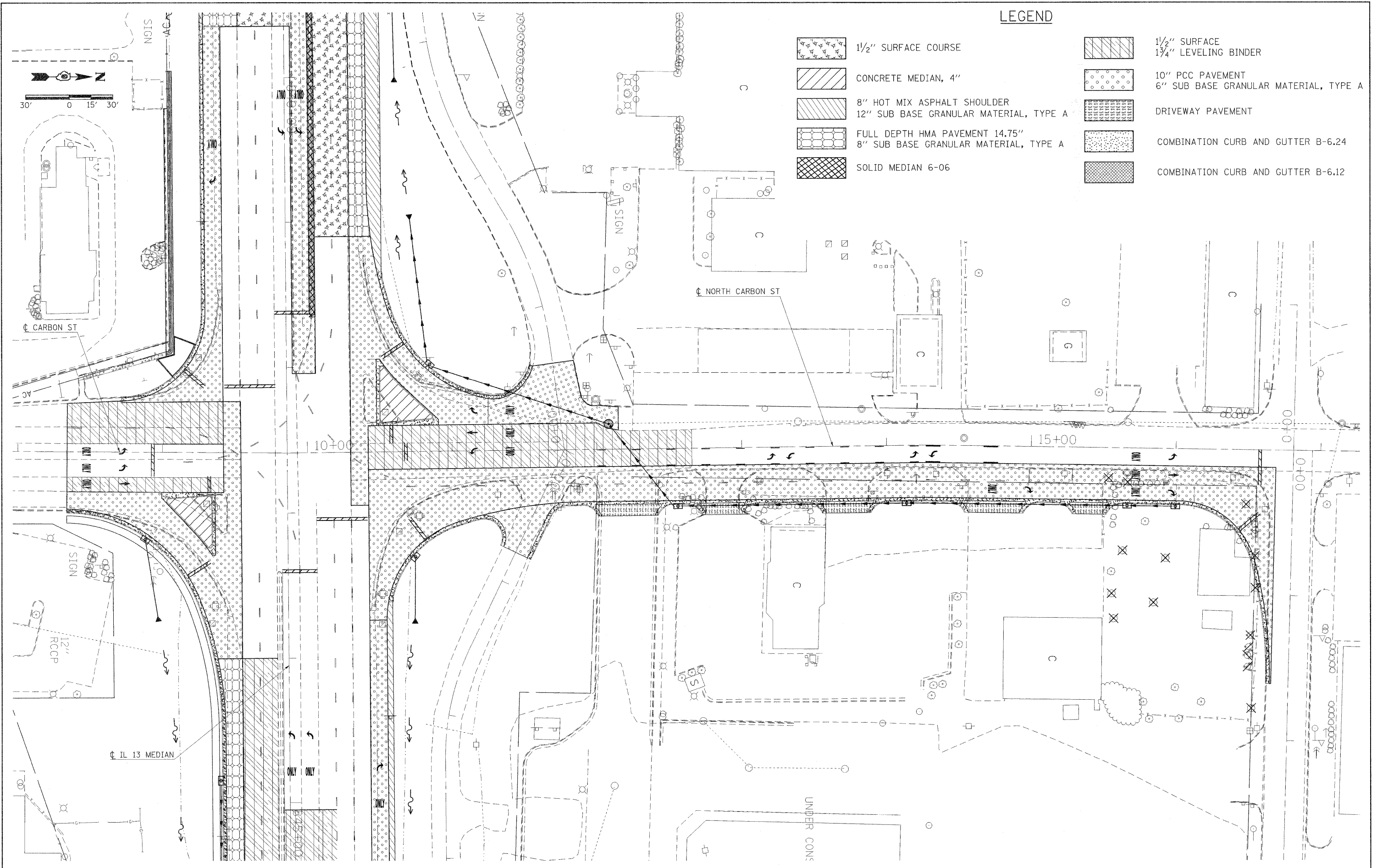
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	PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/19/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

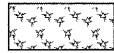


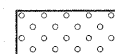
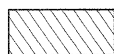


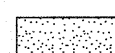


**CONSTRUCTION PLAN
IL 13**

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	52
CONTRACT NO. 78155			ILLINOIS FED. AID PROJECT	



LEGEND

-  1/2" SURFACE COURSE
-  1 1/2" SURFACE
1 3/4" LEVELING BINDER
-  CONCRETE MEDIAN, 4"
-  10" PCC PAVEMENT
6" SUB BASE GRANULAR MATERIAL, TYPE A
-  8" HOT MIX ASPHALT SHOULDER
12" SUB BASE GRANULAR MATERIAL, TYPE A
-  DRIVEWAY PAVEMENT
-  FULL DEPTH HMA PAVEMENT 14.75"
8" SUB BASE GRANULAR MATERIAL, TYPE A
-  COMBINATION CURB AND GUTTER B-6.24
-  SOLID MEDIAN 6-06
-  COMBINATION CURB AND GUTTER B-6.12

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION PLAN CARBON STREET				F.A.P. RTE. 331	SECTION (1X-1R-1,RS-2,N-2,TS-3	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 53
ct:\pwork\pwidot\thomashf\d0157472\shtr-removal.dgn		DRAWN -	REVISED -		SCALE: 1"=30'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 78155			
PLOT SCALE = 30,0000 ' / IN.		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
PLOT DATE = 3/21/2011		DATE -	REVISED -										

STAGING GENERAL NOTES:

ALL TRAFFIC CONTROL FOR WORK SHOWN IN STAGING PLAN SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

CONSTRUCTION OF BOX CULVERT EXTENSION NEAR STATION 850+00 SHALL BE COMPLETED PRIOR TO BEGINNING OF STAGE 1 (SOUTH SIDE) AND STAGE 8 (NORTH SIDE).

THE NUMBER OF FLAGGERS FOR EACH STAGE SHALL BE AS SHOWN IN THE APPLICABLE HIGHWAY STANDARD. ADDITIONAL FLAGGERS SHALL BE PAID FOR ACCORDING TO SECTION 109.04.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

SET UP ILLINOIS 13 ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422 FOR ALL STAGES.

NO NIGHT TIME THROUGH LANE CLOSURES ALLOWED ON ILLINOIS 13 UNLESS WORKERS ARE PRESENT.

TRAFFIC SIGNALS MUST BE OPERATIONAL DURING ALL STAGES OF CONSTRUCTION.

WHERE APPLICABLE ADD "RIGHT TURN LANE CLOSED AHEAD" TO ADVANCE SIGNING SHOWN IN STANDARD 701701.



48" X 48"

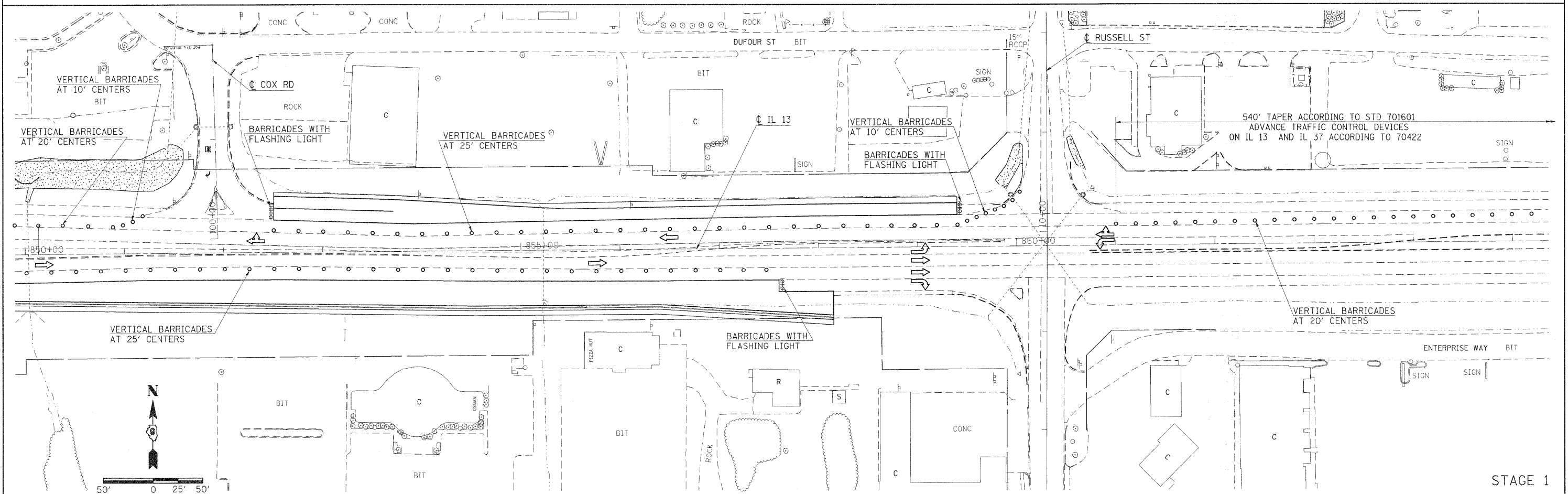
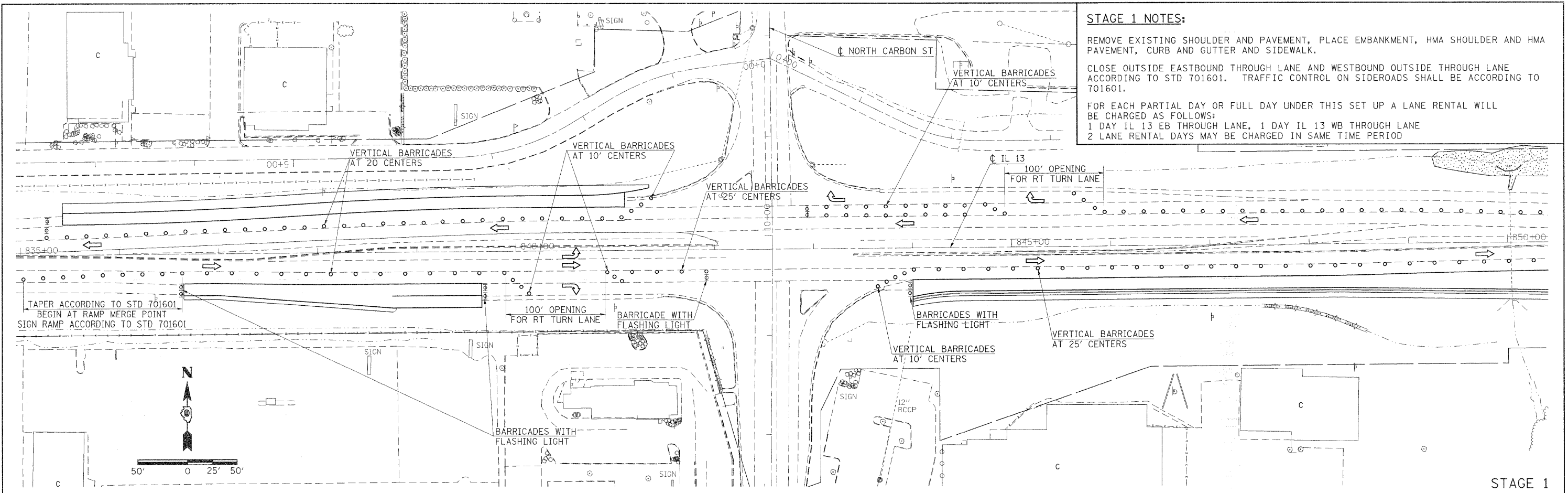
NORTH CARBON STAGING:

CONSTRUCTION OF NORTH CARBON STREET BEYOND STATION 11+87.09 CAN BE COMPLETED INDEPENDENTLY OF WORK ON ILLINOIS 13 AND SOUTH CARBON STREET.

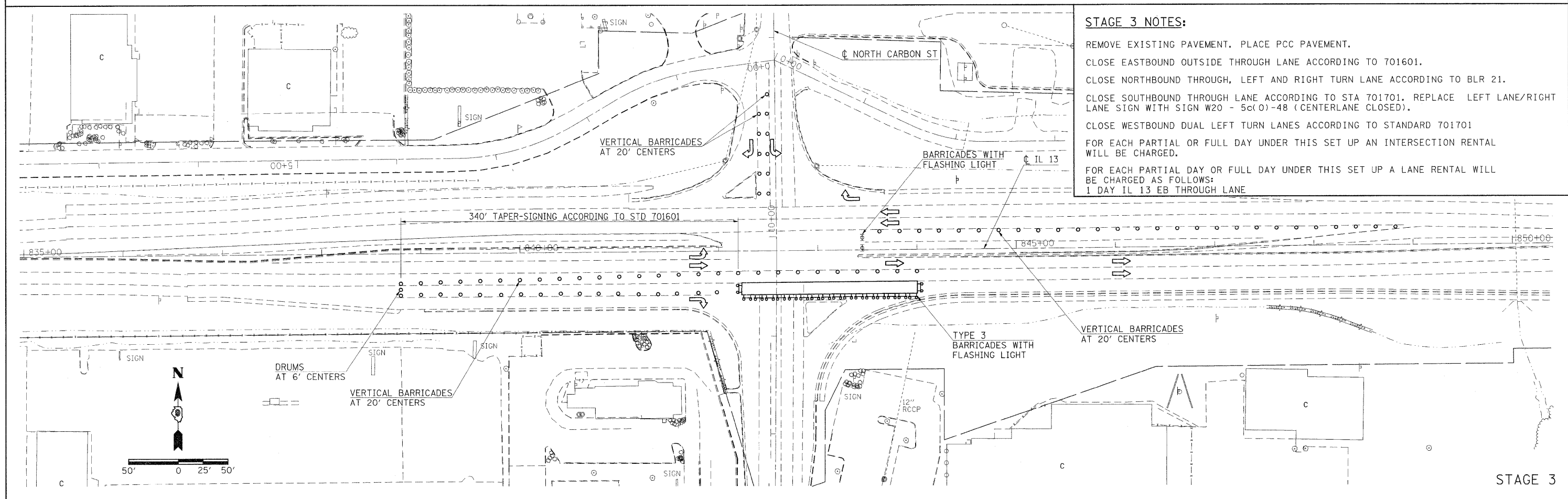
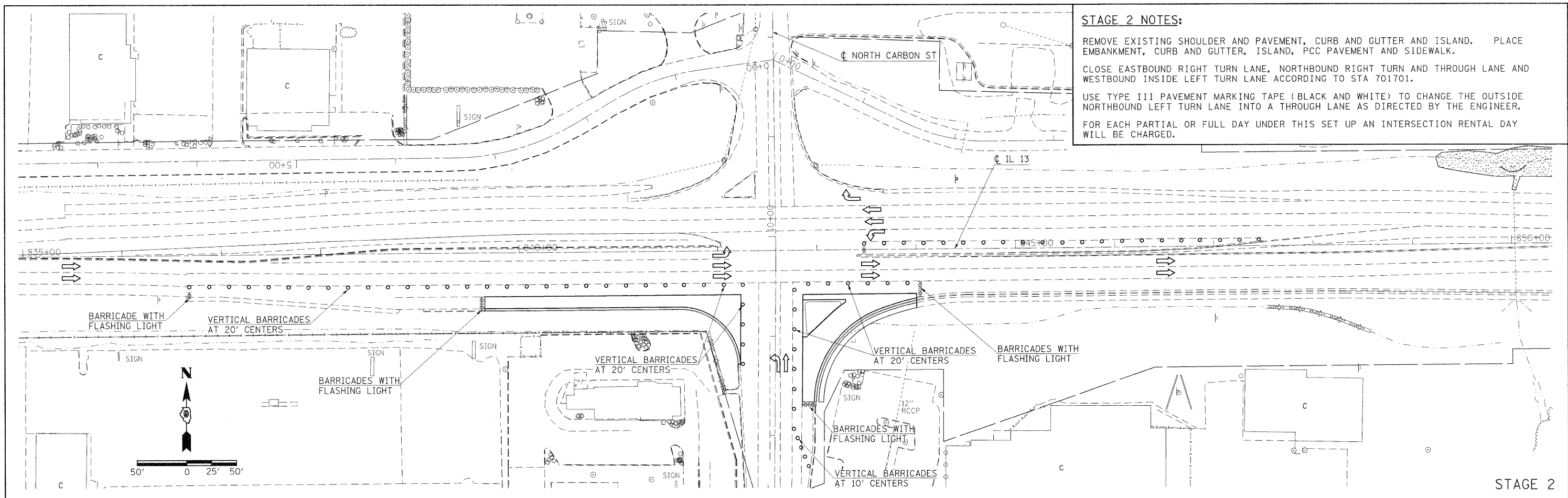
ONE NORTHBOUND AND ONE SOUTHBOUND LANE MUST BE KEPT OPEN AT ALL TIMES FLAGGERS ARE NOT PRESENT.

TRAFFIC CONTROL SHALL BE SET UP ACCORDING TO STD 701502 AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL.

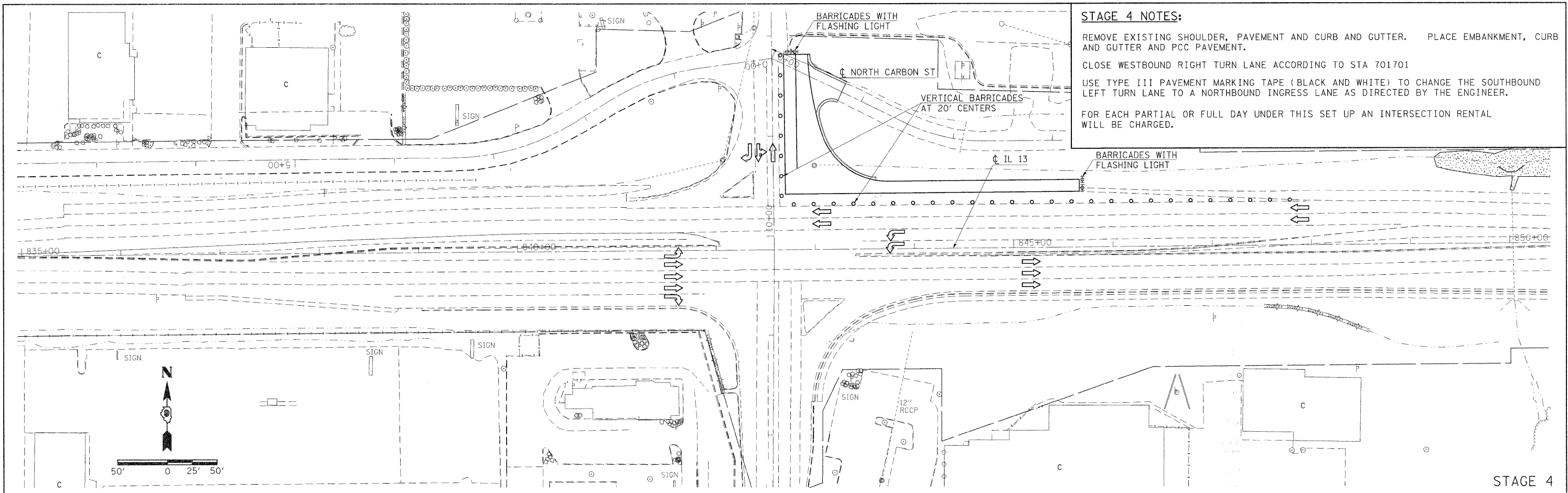
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	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	54
	PLOT DATE = 3/22/2011	DATE -	REVISED -		CONTRACT NO. 78155										
											ILLINOIS FED. AID PROJECT				



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PLOT SCALE = 50.0000' / IN.	PLOT DATE = 3/22/2011	DRAWN -	REVISED -			SCALE: 1=50'	SHEET NO. OF	SHEETS	STA.	TO STA.	331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	55
CHECKED -	DATE -	REVISED -	REVISED -			CONTRACT NO. 78155									
						ILLINOIS FED. AID PROJECT									



FILE NAME =	USER NAME = knightam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING PLAN STAGES 2 & 3			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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		CHECKED -	REVISED -												
		DATE	REVISED												
														CONTRACT NO. 78155	
														ILLINOIS FED. AID PROJECT	



STAGE 4 NOTES:

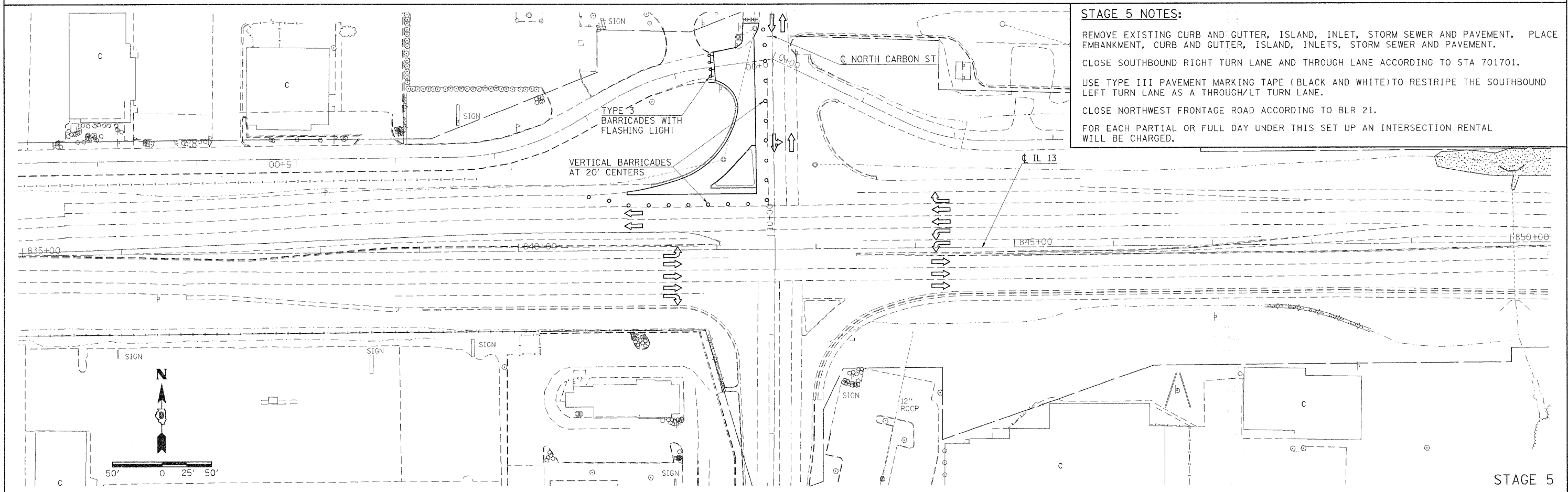
REMOVE EXISTING SHOULDER, PAVEMENT AND CURB AND GUTTER. PLACE EMBANKMENT, CURB AND GUTTER AND PCC PAVEMENT.

CLOSE WESTBOUND RIGHT TURN LANE ACCORDING TO STA 701701

USE TYPE III PAVEMENT MARKING TAPE (BLACK AND WHITE) TO CHANGE THE SOUTHBOUND LEFT TURN LANE TO A NORTHBOUND INGRESS LANE AS DIRECTED BY THE ENGINEER.

FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP AN INTERSECTION RENTAL WILL BE CHARGED.

STAGE 4



STAGE 5 NOTES:

REMOVE EXISTING CURB AND GUTTER, ISLAND, INLET, STORM SEWER AND PAVEMENT. PLACE EMBANKMENT, CURB AND GUTTER, ISLAND, INLETS, STORM SEWER AND PAVEMENT.

CLOSE SOUTHBOUND RIGHT TURN LANE AND THROUGH LANE ACCORDING TO STA 701701.

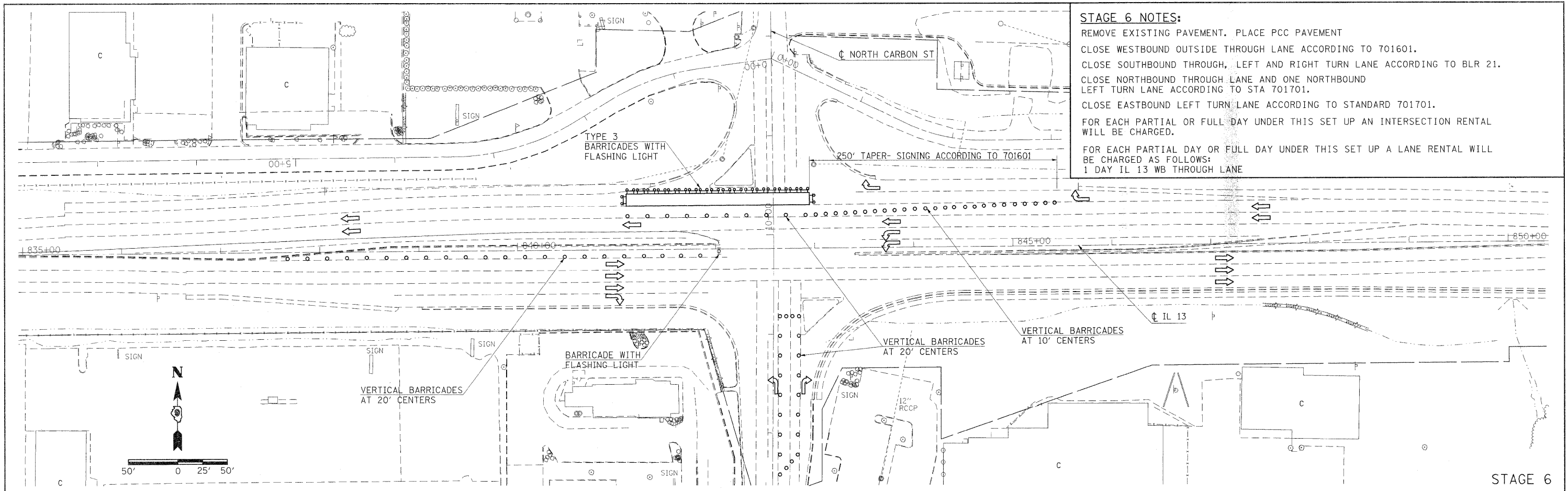
USE TYPE III PAVEMENT MARKING TAPE (BLACK AND WHITE) TO RESTRIPE THE SOUTHBOUND LEFT TURN LANE AS A THROUGH/LT TURN LANE.

CLOSE NORTHWEST FRONTAGE ROAD ACCORDING TO BLR 21.

FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP AN INTERSECTION RENTAL WILL BE CHARGED.

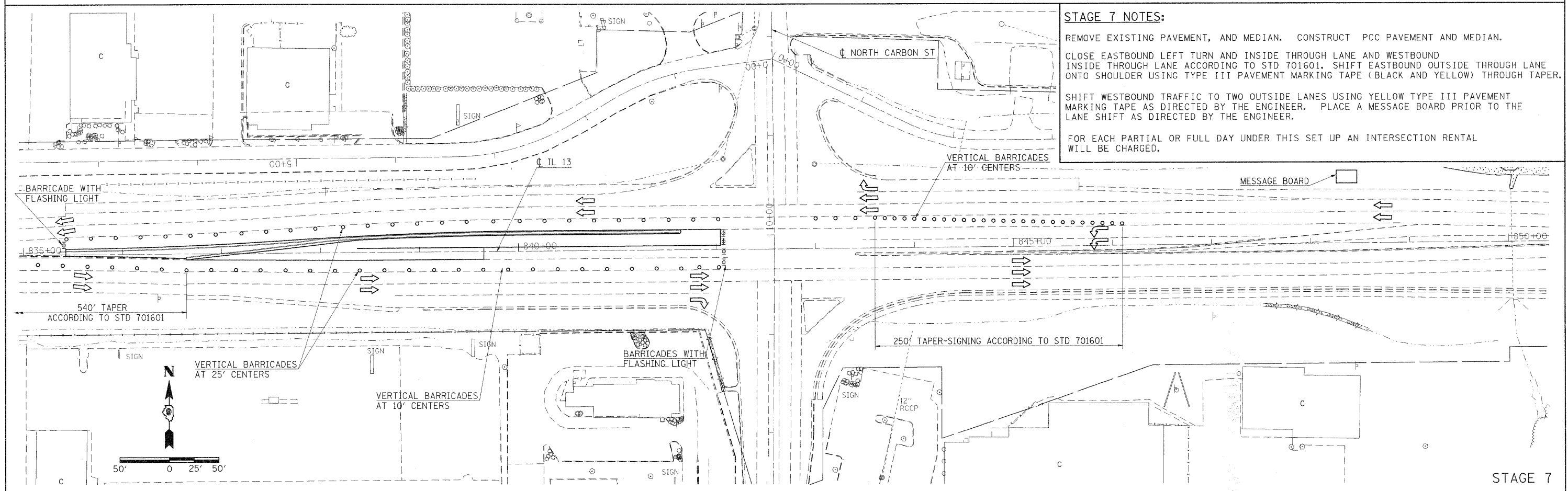
STAGE 5

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c:\pwork\pwork\thomashf\0157472\staging.dgn	DRAWN -	REVISED -	331			(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	57	
PLOT SCALE = 5/8,000/00 "/> IN.	CHECKED -	REVISED -	CONTRACT NO. 78155							
PLOT DATE = 3/22/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: 1"=50'	SHEET NO. OF SHEETS		STA. TO STA.		



STAGE 6 NOTES:
 REMOVE EXISTING PAVEMENT. PLACE PCC PAVEMENT
 CLOSE WESTBOUND OUTSIDE THROUGH LANE ACCORDING TO 701601.
 CLOSE SOUTHBOUND THROUGH, LEFT AND RIGHT TURN LANE ACCORDING TO BLR 21.
 CLOSE NORTHBOUND THROUGH LANE AND ONE NORTHBOUND LEFT TURN LANE ACCORDING TO STA 701701.
 CLOSE EASTBOUND LEFT TURN LANE ACCORDING TO STANDARD 701701.
 FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP AN INTERSECTION RENTAL WILL BE CHARGED.
 FOR EACH PARTIAL DAY OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:
 1 DAY IL 13 WB THROUGH LANE

STAGE 6



STAGE 7 NOTES:
 REMOVE EXISTING PAVEMENT, AND MEDIAN. CONSTRUCT PCC PAVEMENT AND MEDIAN.
 CLOSE EASTBOUND LEFT TURN AND INSIDE THROUGH LANE AND WESTBOUND INSIDE THROUGH LANE ACCORDING TO STD 701601. SHIFT EASTBOUND OUTSIDE THROUGH LANE ONTO SHOULDER USING TYPE III PAVEMENT MARKING TAPE (BLACK AND YELLOW) THROUGH TAPER.
 SHIFT WESTBOUND TRAFFIC TO TWO OUTSIDE LANES USING YELLOW TYPE III PAVEMENT MARKING TAPE AS DIRECTED BY THE ENGINEER. PLACE A MESSAGE BOARD PRIOR TO THE LANE SHIFT AS DIRECTED BY THE ENGINEER.
 FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP AN INTERSECTION RENTAL WILL BE CHARGED.

STAGE 7

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING PLAN STAGES 6 & 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\p\work\p\widot\thomashf\09157472\staging.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	58	
PLOT DATE = 3/22/2011	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78155					
						ILLINOIS FED. AID PROJECT					
					SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA.	TO STA.	

STAGE 8 NOTES:

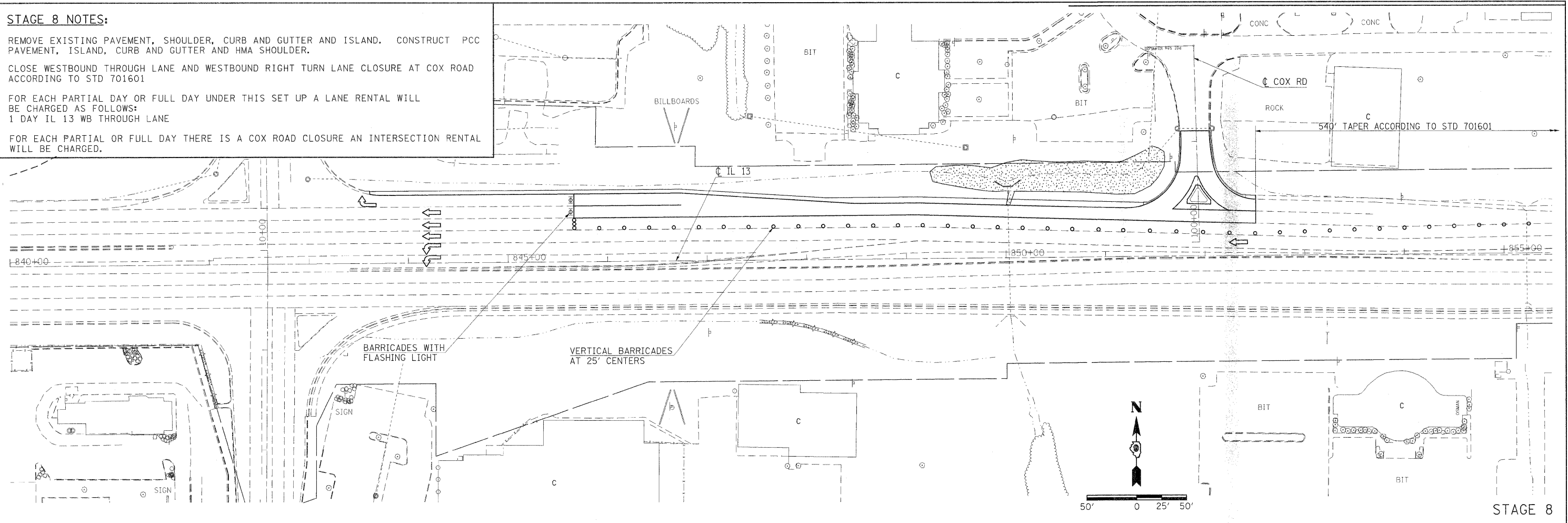
REMOVE EXISTING PAVEMENT, SHOULDER, CURB AND GUTTER AND ISLAND. CONSTRUCT PCC PAVEMENT, ISLAND, CURB AND GUTTER AND HMA SHOULDER.

CLOSE WESTBOUND THROUGH LANE AND WESTBOUND RIGHT TURN LANE CLOSURE AT COX ROAD ACCORDING TO STD 701601

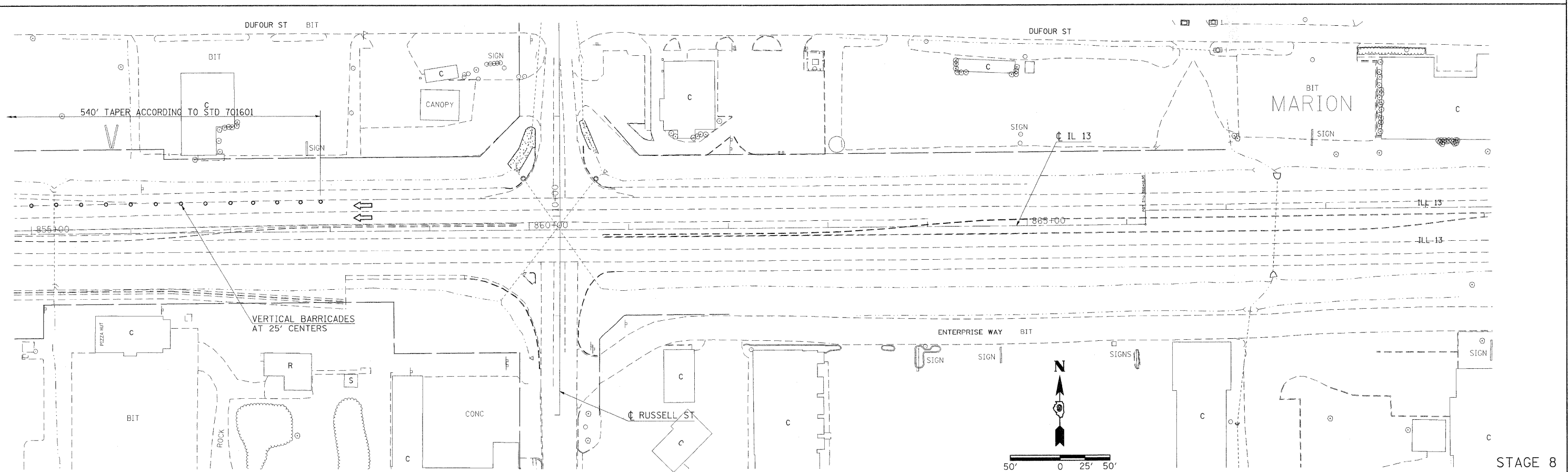
FOR EACH PARTIAL DAY OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:

1 DAY IL 13 WB THROUGH LANE

FOR EACH PARTIAL OR FULL DAY THERE IS A COX ROAD CLOSURE AN INTERSECTION RENTAL WILL BE CHARGED.



STAGE 8



STAGE 8

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PLOT DATE = 3/22/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLAN
STAGE 8**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	59
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

STAGE 9 NOTES:

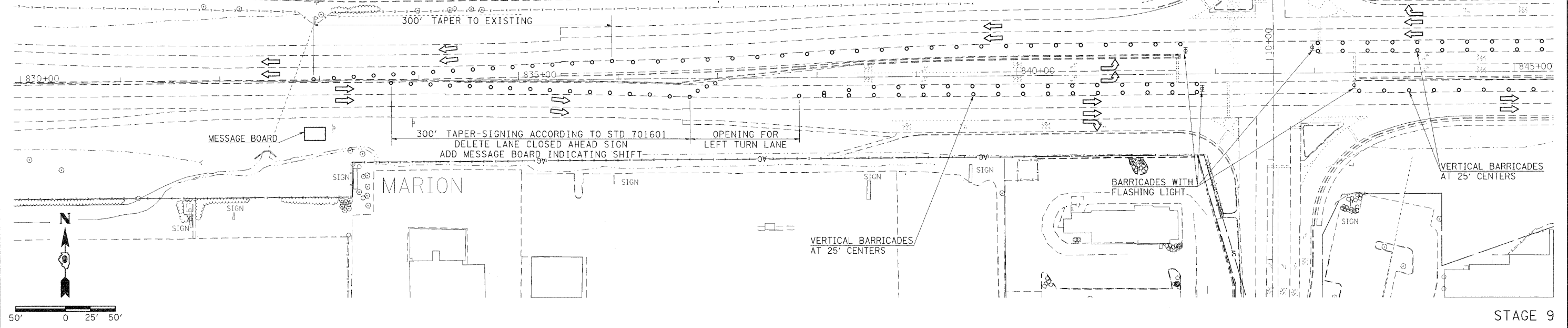
REMOVE EXISTING PAVEMENT, CURB, MEDIAN SURFACE AND SOLID MEDIAN. CONSTRUCT PCC PAVEMENT, CURB AND GUTTER, MEDIAN SURFACE AND SOLID MEDIAN.

USE YELLOW AND BLACK TYPE III TAPE TO DELINEATE LANE SHIFTS AND REALIGN LANES AS DIRECTED BY THE ENGINEER. PLACE A MESSAGE BOARD PRIOR TO THE EASTBOUND LANE SHIFT AS DIRECTED BY THE ENGINEER.

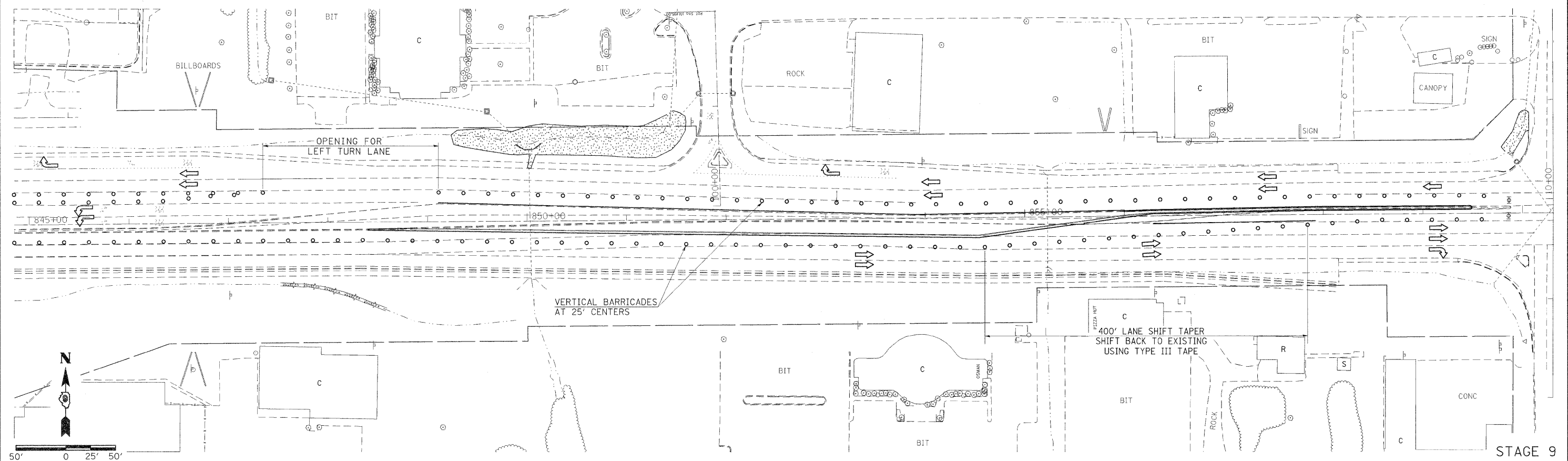
FOR EACH PARTIAL DAY OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:
1 DAY IL 13 WB THROUGH LANE

FOR EACH PARTIAL OR FULL DAY THERE IS A RUSSELL ST LT TURN LANE CLOSURE AN INTERSECTION RENTAL WILL BE CHARGED.

CLOSE EASTBOUND LEFT TURN LANE AT RUSSELL ACCORDING TO STANDARD 701701.



STAGE 9



STAGE 9

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DRAWN -
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CHECKED -
PLOT DATE = 3/22/2011
DATE -

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLAN
STAGE 9**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (IX-1)R-1,RS-2,N-2,TS-3	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 60
CONTRACT NO. 78155			ILLINOIS FED. AID PROJECT	

STAGE 9 NOTES:

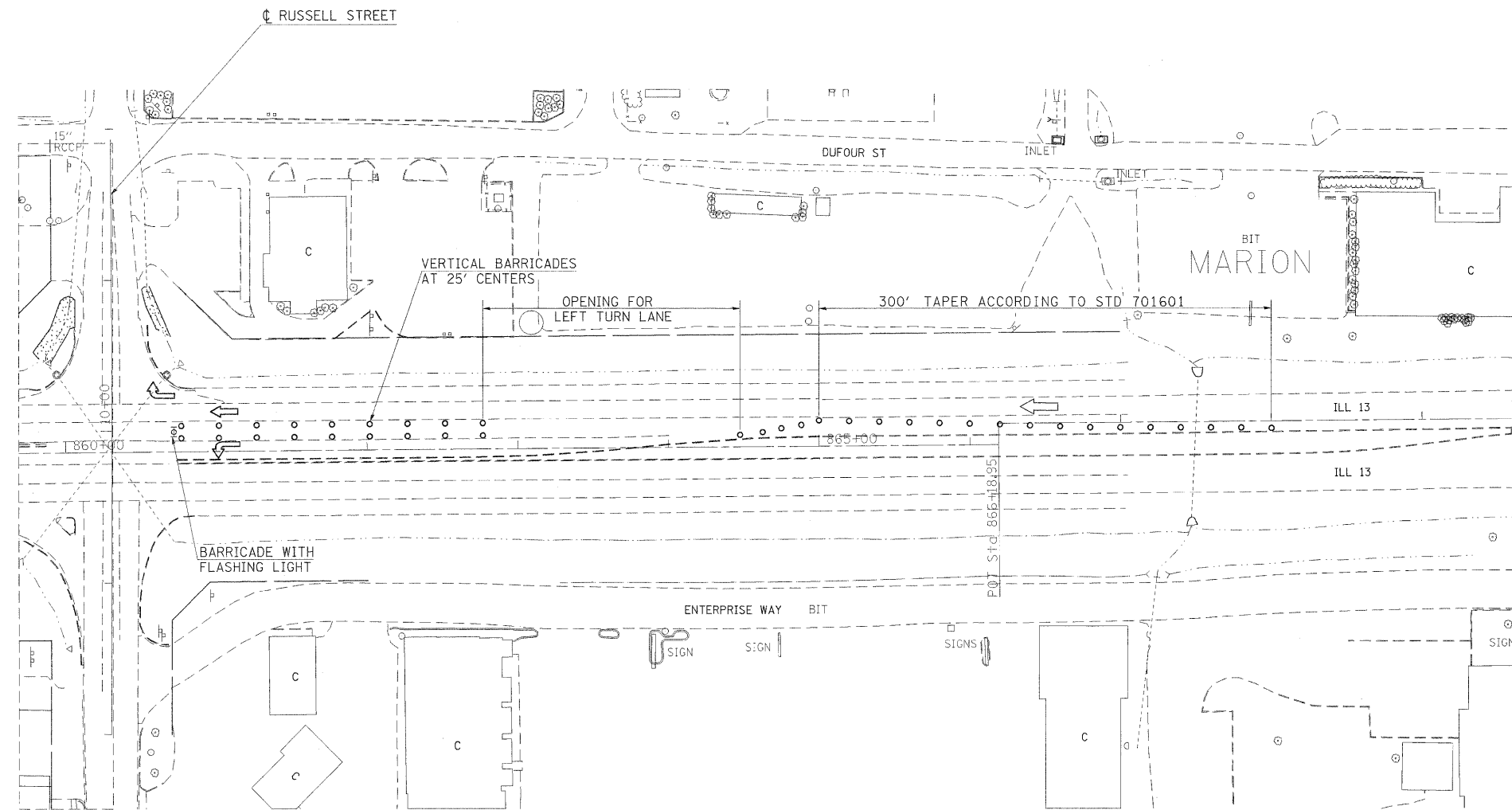
REMOVE EXISTING PAVEMENT, CURB, MEDIAN SURFACE AND SOLID MEDIAN. CONSTRUCT PCC PAVEMENT, CURB AND GUTTER, MEDIAN SURFACE AND SOLID MEDIAN.

USE YELLOW AND BLACK TYPE III TAPE TO DELINEATE LANE SHIFTS AND REALIGN LANES AS DIRECTED BY THE ENGINEER. PLACE A MESSAGE BOARD PRIOR TO THE EASTBOUND LANE SHIFT AS DIRECTED BY THE ENGINEER.

FOR EACH PARTIAL DAY OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:
1 DAY IL 13 WB THROUGH LANE

FOR EACH PARTIAL OR FULL DAY THERE IS A RUSSELL ST LT TURN LANE CLOSURE AN INTERSECTION RENTAL WILL BE CHARGED.

CLOSE EASTBOUND LEFT TURN LANE AT RUSSELL ACCORDING TO STANDARD 701701.

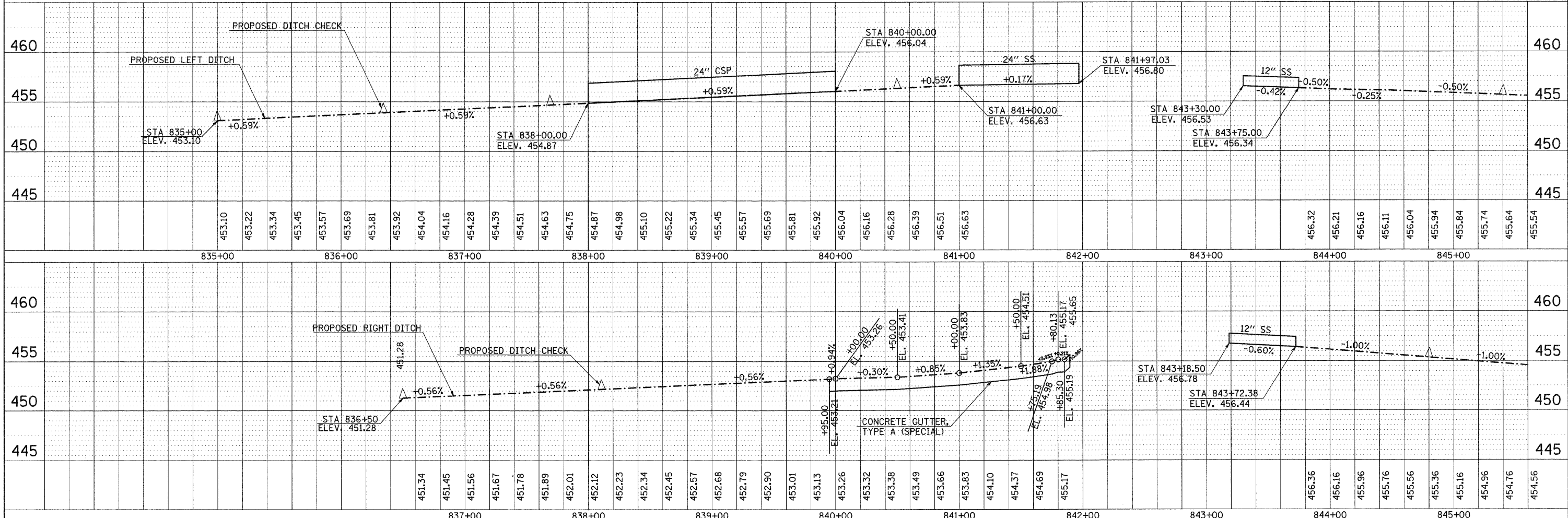
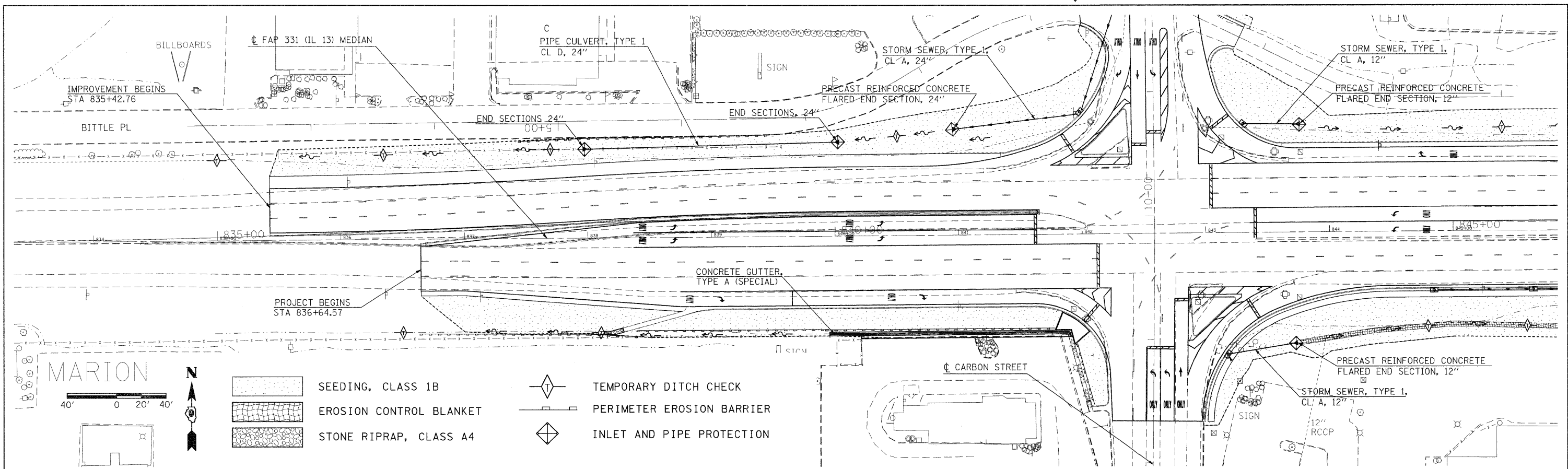


STAGE 9

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PLOT DATE = 3/22/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

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 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 NO. OF WAY CHECKED: _____
 PAID FILE NAME: _____

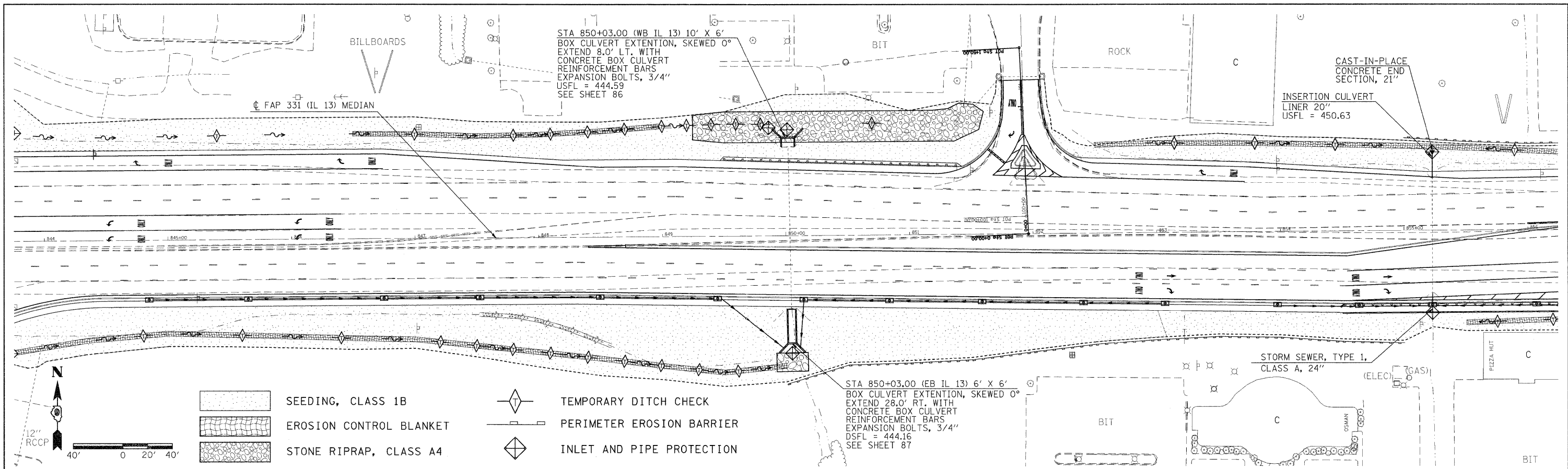
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 NOTE BOOK: _____
 NO. OF WAY CHECKED: _____
 STRUCTURE NOTATIONS: _____



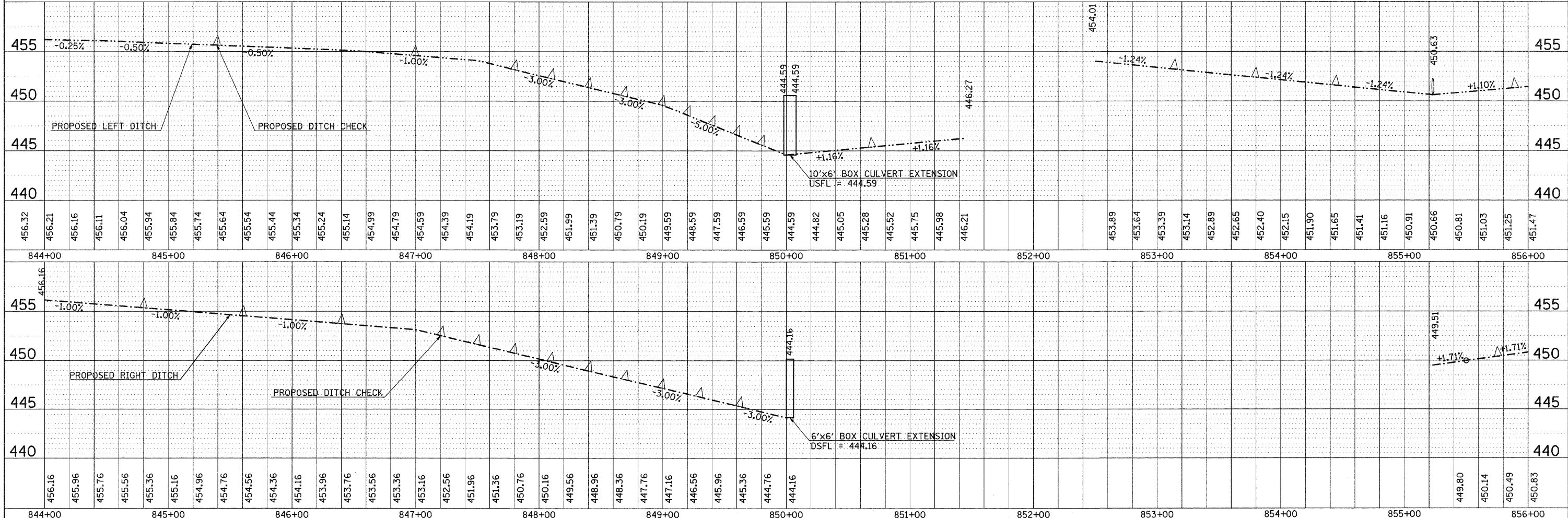
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cs:\pw\work\p\sdot\thomashf\0157472\sh1.e	os.dgn	CHECKED -	REVISED -			331	(IX-DJ-1,RS-2,N-2,TS-3)	WILLIAMSON	167	62
PLOT SCALE = 48.0000' / IN.		DRAWN -	REVISED -			CONTRACT NO. 78155				
PLOT DATE = 4/19/2011		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT				

DATE: _____ BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 RT. OF WAY CHECKED: _____
 PLOTTED FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PROFILE: _____
 NOTE BOOK: _____
 GRADES CHECKED: _____
 B.M. NOTED: _____
 STRUCTURE NOTATIONS CHECKED: _____

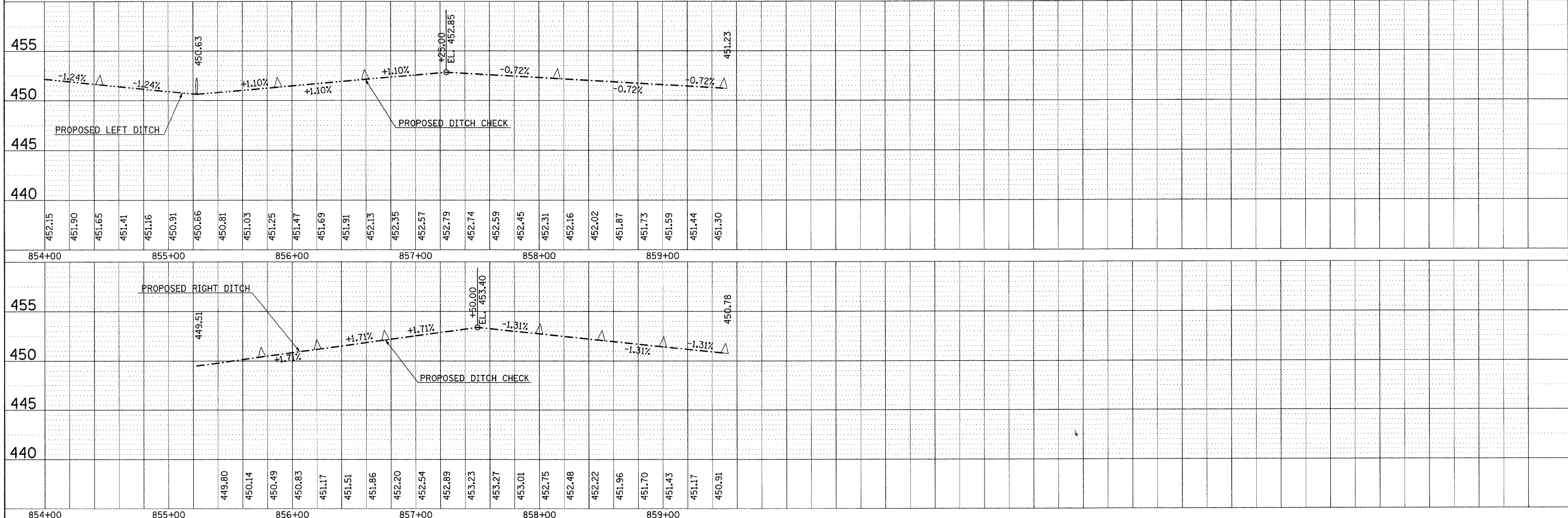
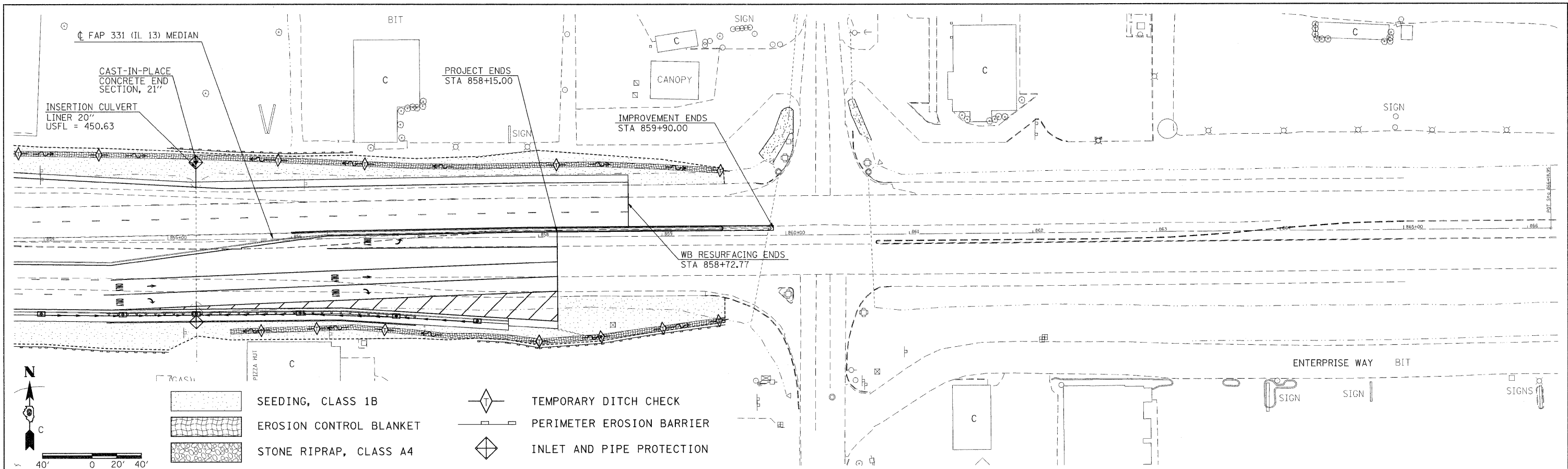


- SEEDING, CLASS 1B
- EROSION CONTROL BLANKET
- STONE RIPRAP, CLASS A4
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION



DATE: _____ BY: _____
 SURVEYED: _____
 ALIGNMENT CHECKED: _____
 RT. OF WAY CHECKED: _____
 NOTE BOOK NO.: _____
 PLAN FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____
 GRADES CHECKED: _____
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 NO. _____
 PROFILE FILE NAME: _____



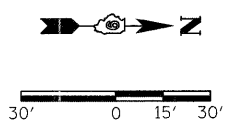
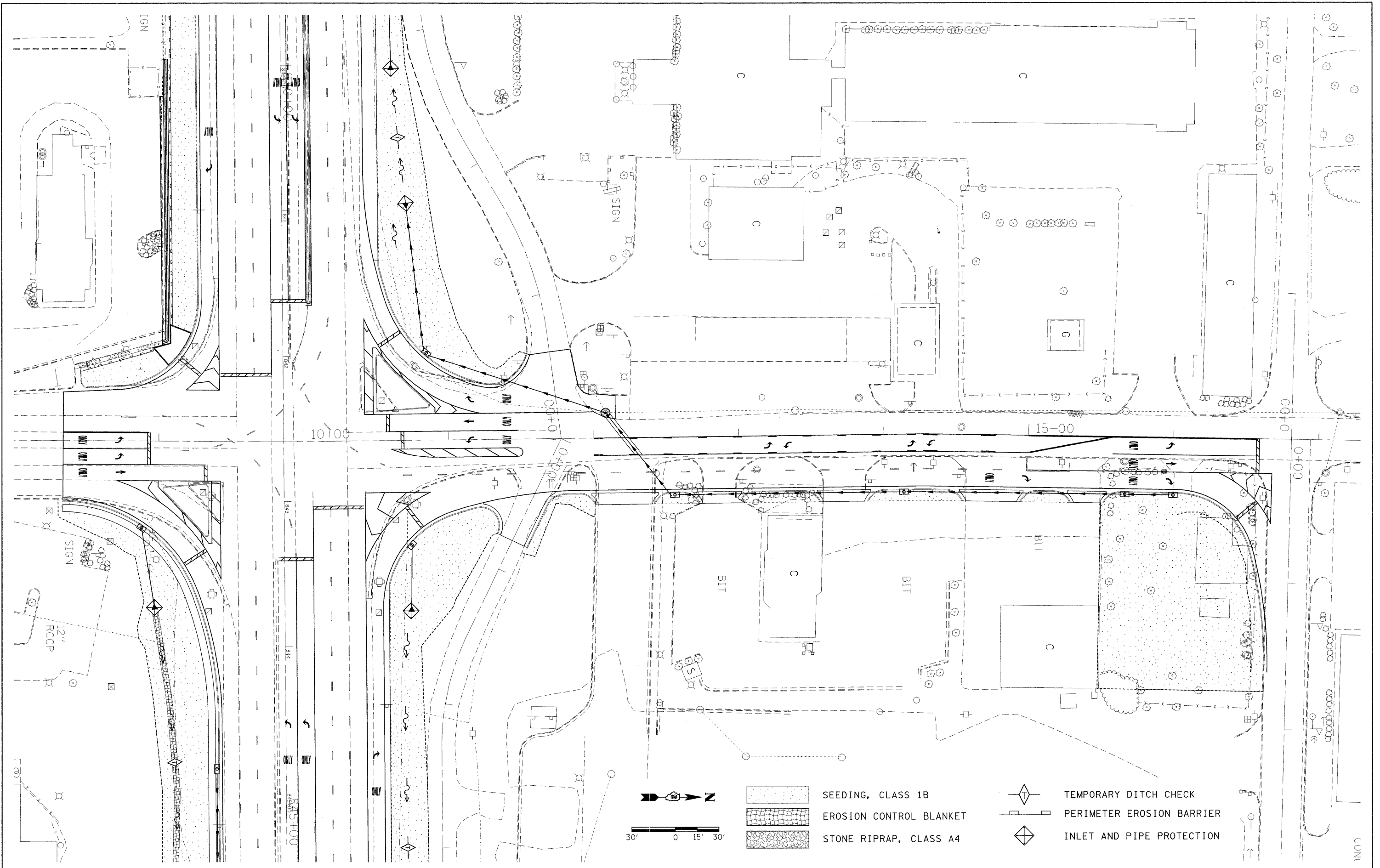
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		PLOT SCALE = 40.0000' / IN.	REVISED -
		PLOT DATE = 4/19/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN / DITCH PROFILES
 IL 13**

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

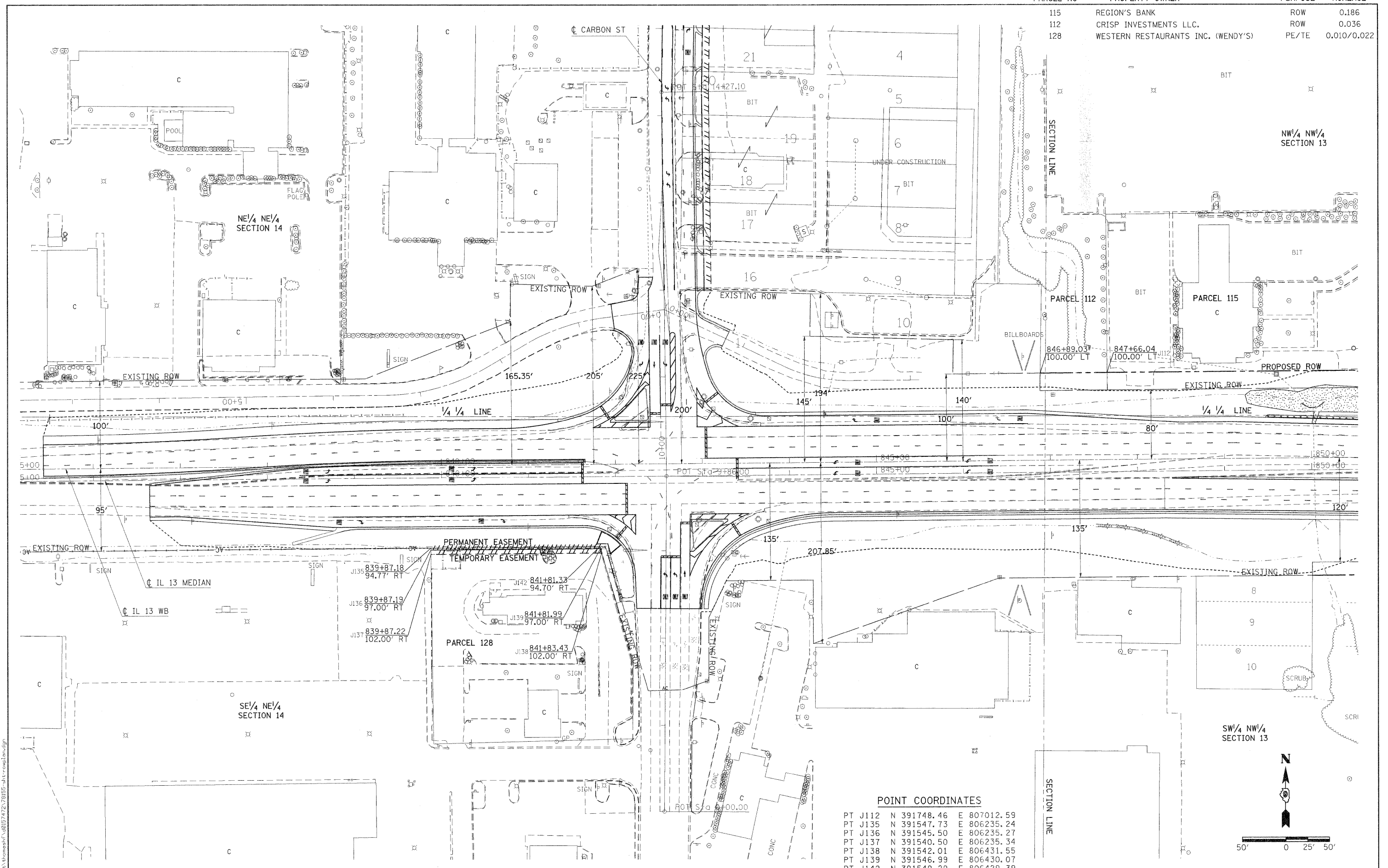
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	64
CONTRACT NO. 78155			ILLINOIS FED. AID PROJECT	



-  SEEDING, CLASS 1B
-  EROSION CONTROL BLANKET
-  STONE RIPRAP, CLASS A4
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION

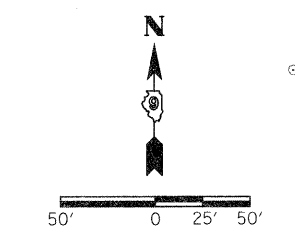
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PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78155							
PLOT DATE = 4/19/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: SHEET NO. OF SHEETS STA. TO STA.										

PARCEL NO	PROPERTY OWNER	PURPOSE	ACREAGE
115	REGION'S BANK	ROW	0.186
112	CRISP INVESTMENTS LLC.	ROW	0.036
128	WESTERN RESTAURANTS INC. (WENDY'S)	PE/TE	0.010/0.022



POINT COORDINATES

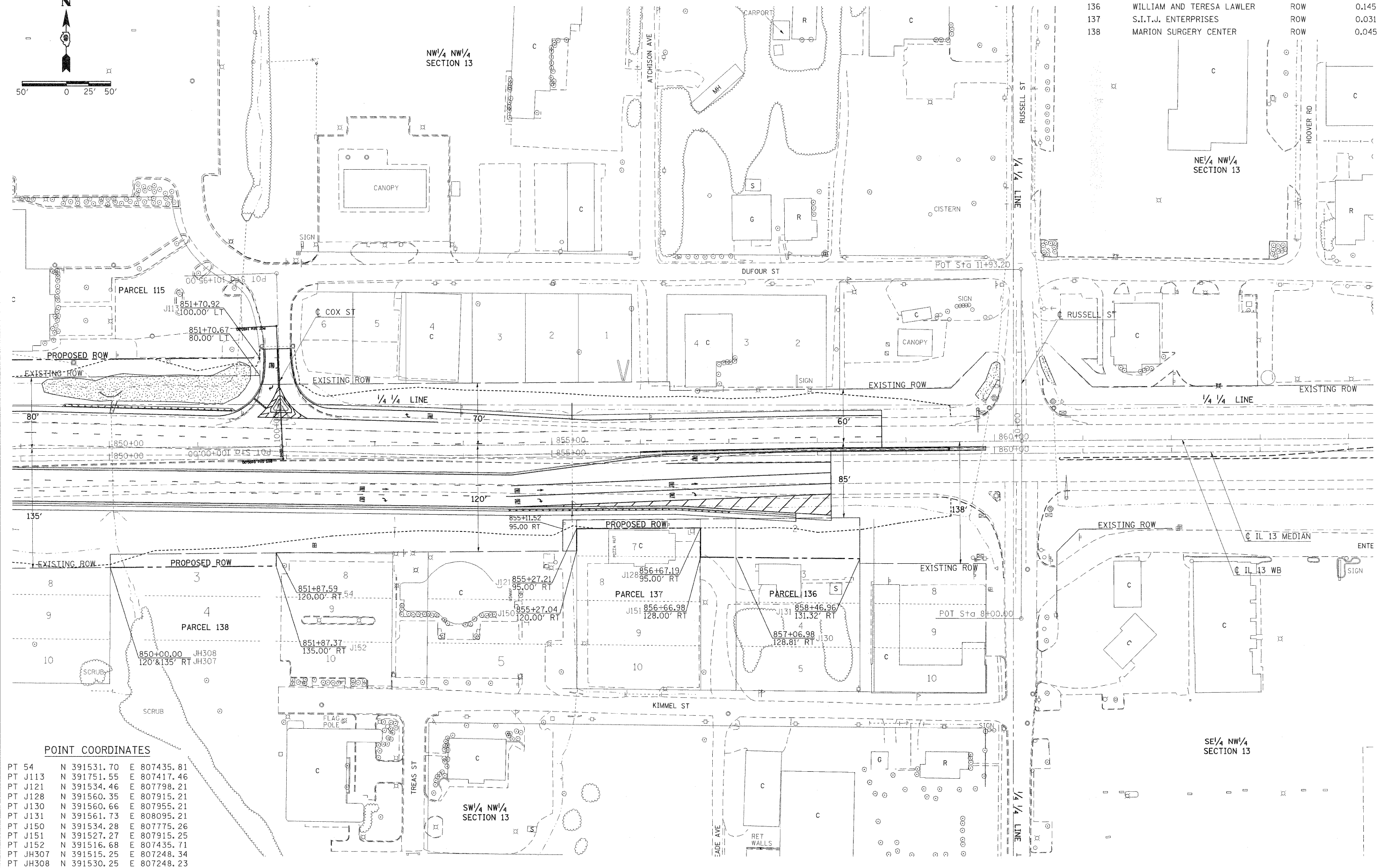
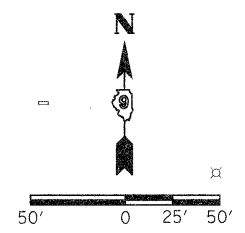
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PT J136	N	391545.50	E	806235.27
PT J137	N	391540.50	E	806235.34
PT J138	N	391542.01	E	806431.55
PT J139	N	391546.99	E	806430.07
PT J142	N	391549.29	E	806429.39



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FILE NAME	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL 13 CARBON ST TO RUSSELL ST RIGHT OF WAY PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwworkspace\thomashf\d8157472\78155-sht-rowplan.dgn		DRAWN -	REVISED -			PROJECT NON FA	JOB NO. R99-005-10	331	(IX-1JR-1,RS-2,N-2,TS-3)	WILLIAMSON	167	66
	PLCT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	SCALE: 1"=50'	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 78155				
	PLCT DATE = 3/23/2011	DATE -	REVISED -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT								

PARCEL NO	PROPERTY OWNER	PURPOSE	ACREAGE
115	REGION'S BANK	ROW	0.186
136	WILLIAM AND TERESA LAWLER	ROW	0.145
137	S.I.T.J. ENTERPRISES	ROW	0.031
138	MARION SURGERY CENTER	ROW	0.045



POINT COORDINATES

PT 54	N 391531.70	E 807435.81
PT J113	N 391751.55	E 807417.46
PT J121	N 391534.46	E 807798.21
PT J128	N 391560.35	E 807915.21
PT J130	N 391560.66	E 807955.21
PT J131	N 391561.73	E 808095.21
PT J150	N 391534.28	E 807775.26
PT J151	N 391527.27	E 807915.25
PT J152	N 391516.68	E 807435.71
PT JH307	N 391515.25	E 807248.34
PT JH308	N 391530.25	E 807248.23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 13 CARBON ST TO RUSSELL ST
RIGHT OF WAY PLAN**

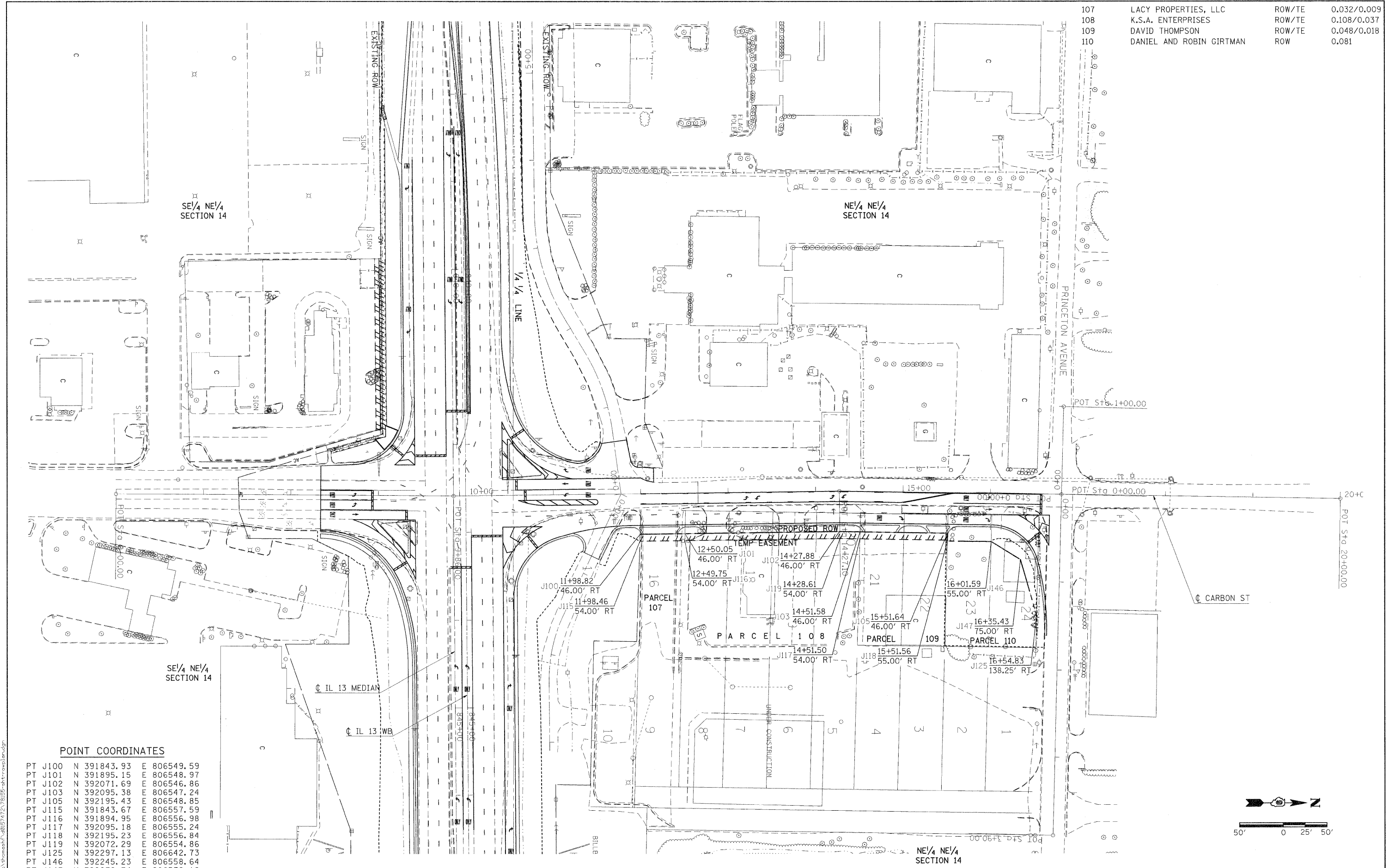
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PLOT DATE = 3/23/2011	CHECKED -	REVISED -
	DATE -	REVISED -

PROJECT NON FA	JOB NO. R99-005-10
SHEET NO. OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	67
CONTRACT NO. 78155			ILLINOIS FED. AID PROJECT	

FILE NAME: C:\pwwork\Roads\Williamson\78155\11-11-10\11-11-10.dgn

PARCEL NO	PROPERTY OWNER	PURPOSE	ACREAGE
107	LACY PROPERTIES, LLC	ROW/TE	0.032/0.009
108	K.S.A. ENTERPRISES	ROW/TE	0.108/0.037
109	DAVID THOMPSON	ROW/TE	0.048/0.018
110	DANIEL AND ROBIN GIRTMAN	ROW	0.081



POINT COORDINATES

PT J100	N	391843.93	E	806549.59
PT J101	N	391895.15	E	806548.97
PT J102	N	392071.69	E	806546.86
PT J103	N	392095.38	E	806547.24
PT J105	N	392195.43	E	806548.85
PT J115	N	391843.67	E	806557.59
PT J116	N	391894.95	E	806556.98
PT J117	N	392095.18	E	806555.24
PT J118	N	392195.23	E	806556.84
PT J119	N	392072.29	E	806554.86
PT J125	N	392297.13	E	806642.73
PT J146	N	392245.23	E	806558.64
PT J147	N	392278.74	E	806579.18

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

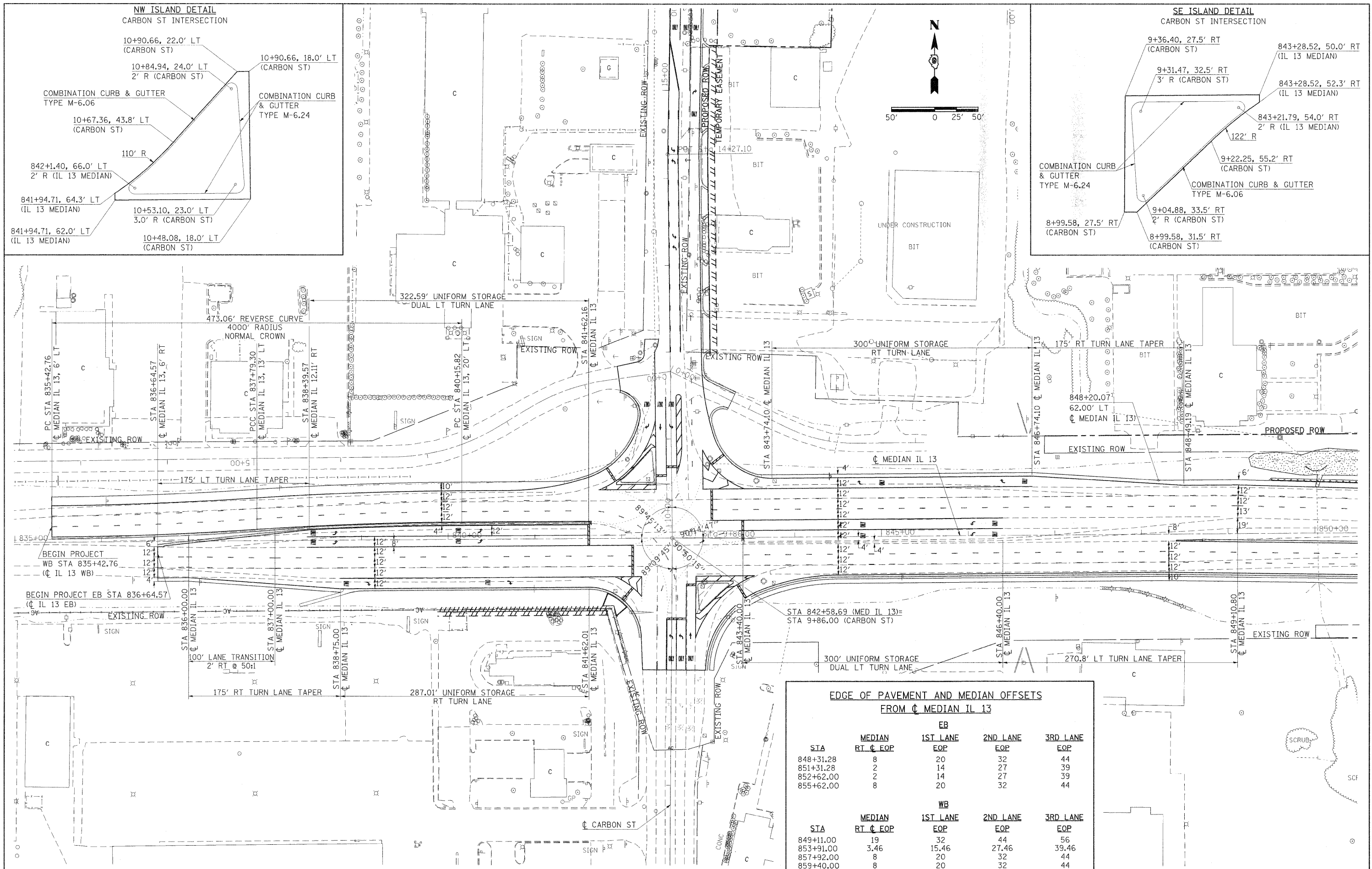
**CARBON ST
RIGHT OF WAY PLAN**

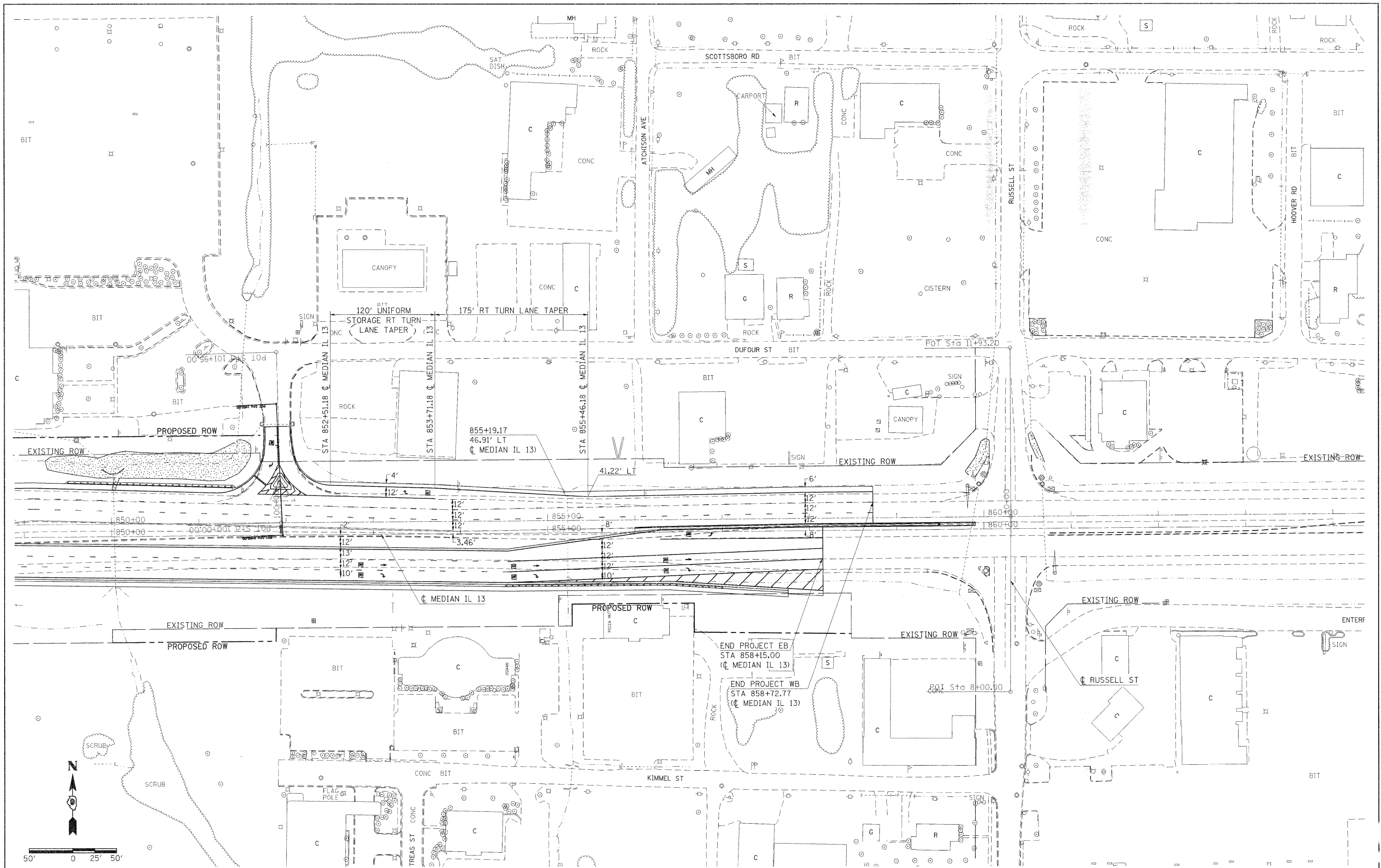
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DRAWN -	REVISÉ -
CHECKED -	REVISÉ -
DATE -	REVISÉ -

PROJECT NON FA	JOB NO. R99-005-10
SHEET NO. OF SHEETS	STA. TO STA.

F.A.P. RTE. 331	SECTION (IX-1R-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 68
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

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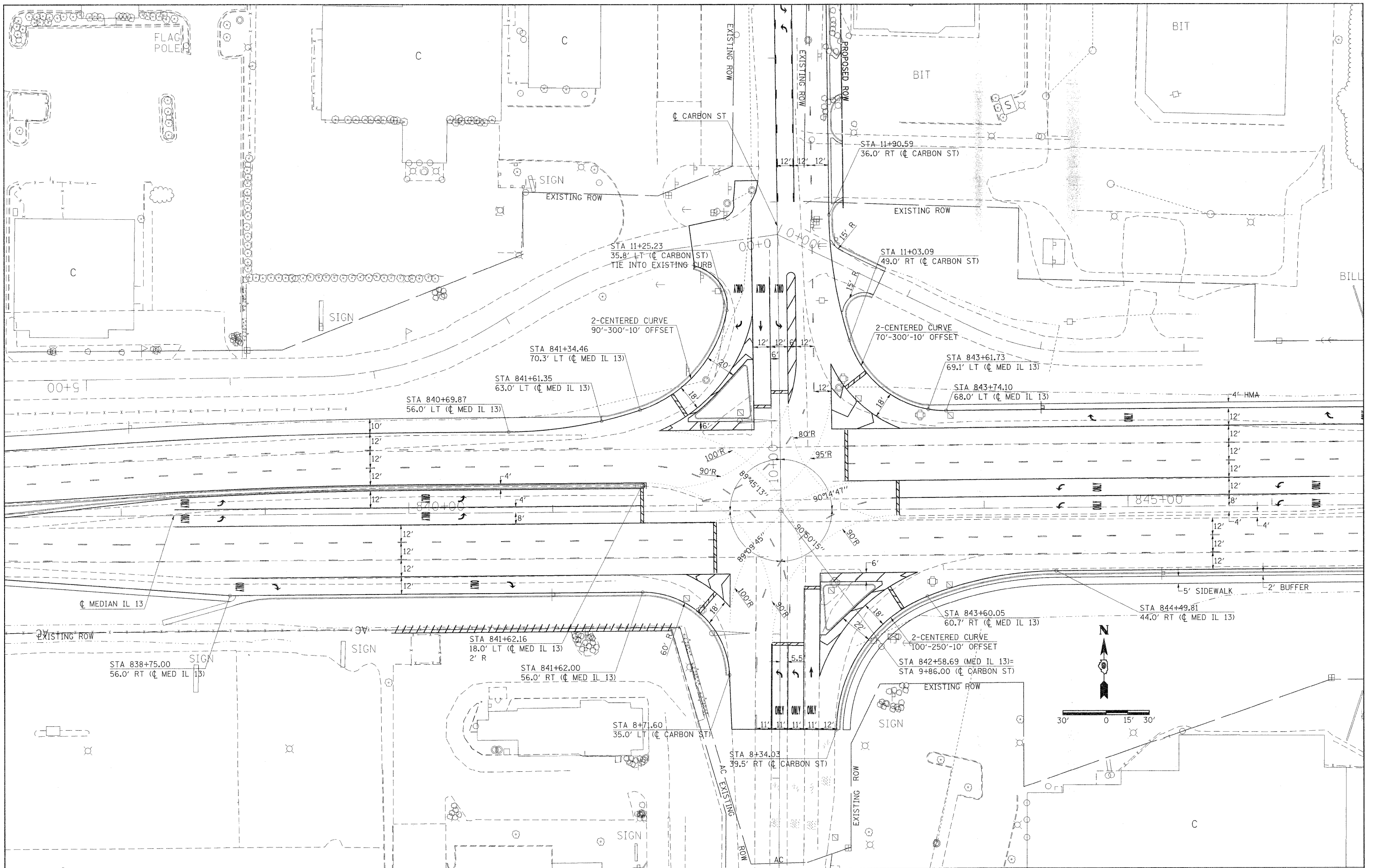
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GEOMETRICS

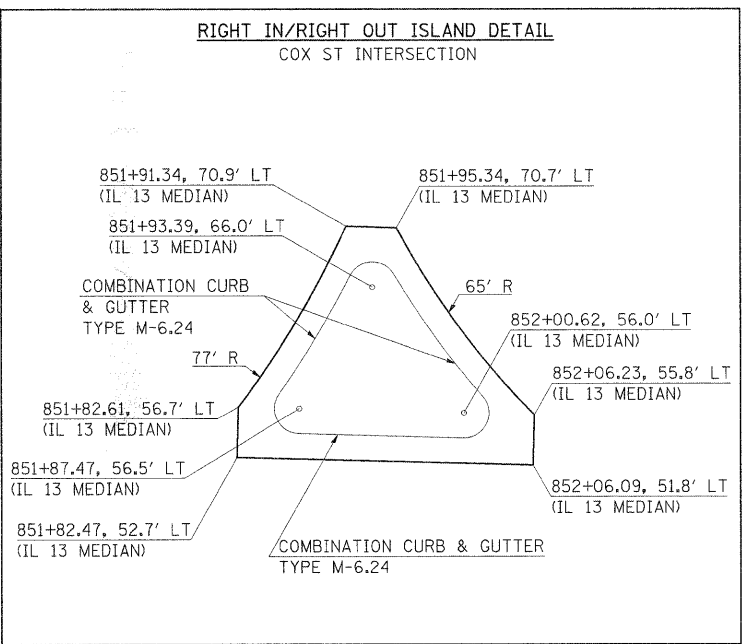
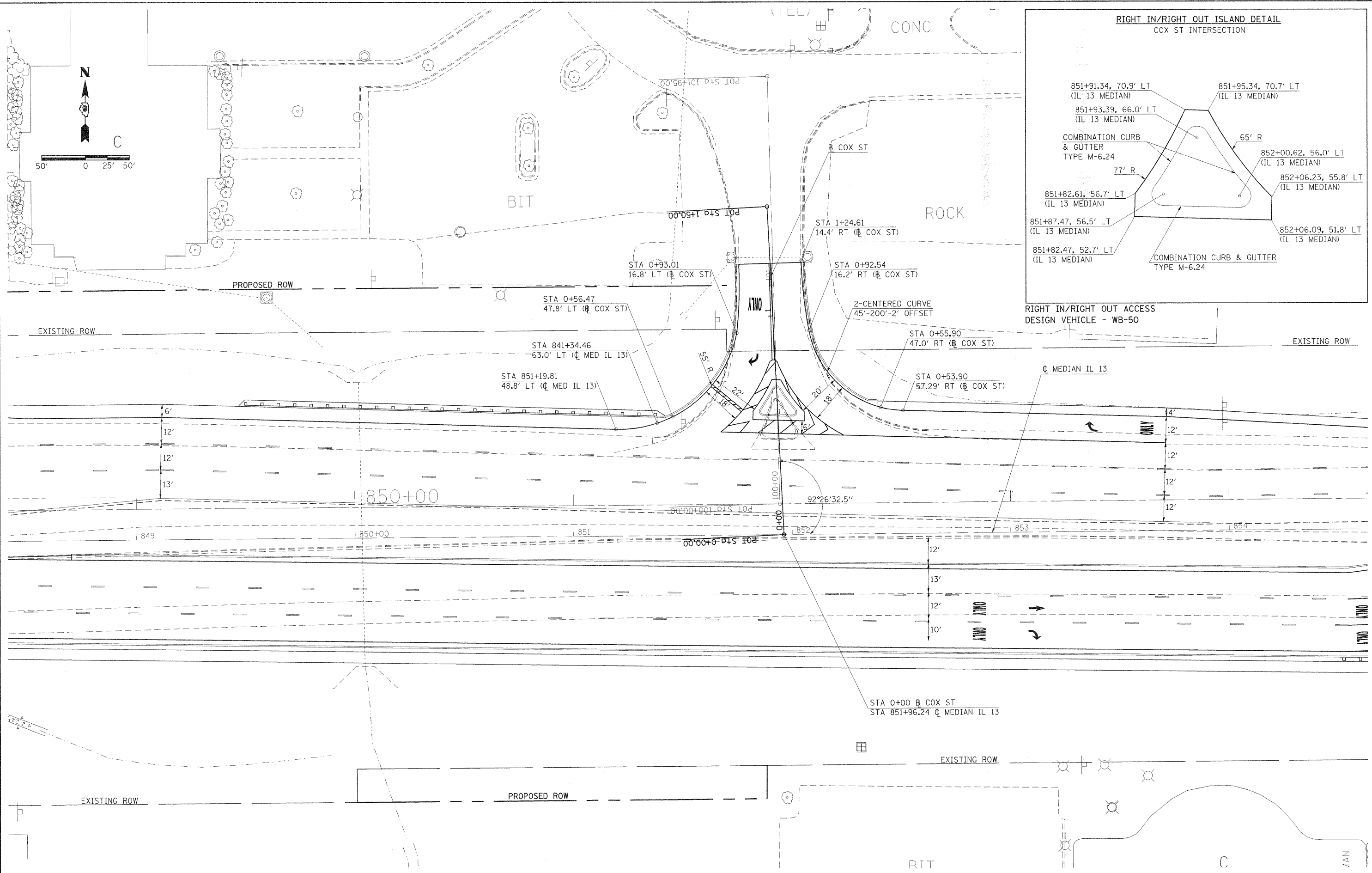
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 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	70
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

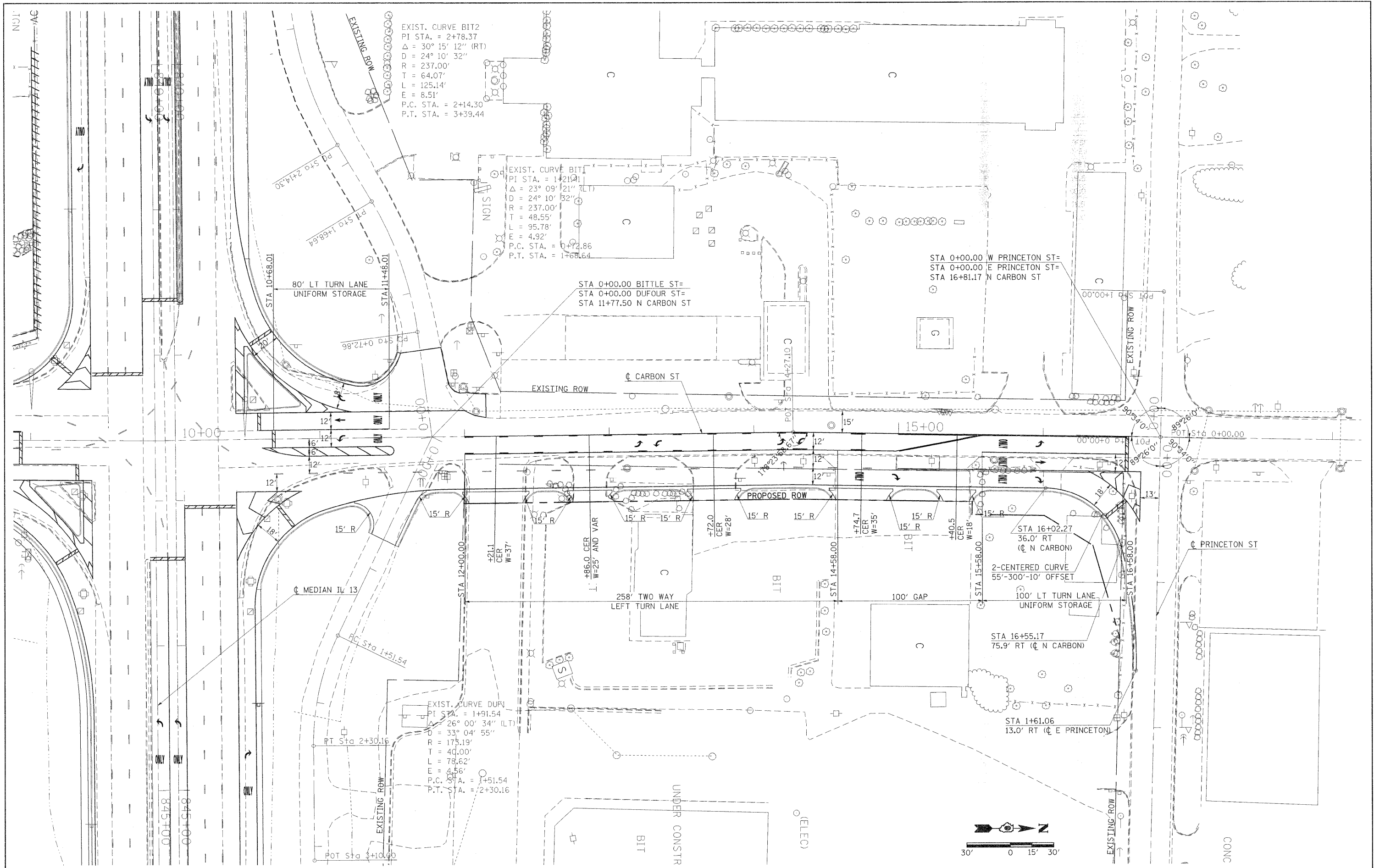
CONTRACT NO. 78155
 ILLINOIS FED. AID PROJECT



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c:\pwork\pwork\knightsm\d0157472\78153-shr-geomets.dgn		DRAWN -	REVISED -			331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	71	
PLOT SCALE = 30.0000 1/ IN.		CHECKED -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 3/22/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: 1"=30'						SHEET NO.	OF	SHEETS	STA.	TO STA.	



FILE NAME =	USER NAME = knightsm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRICS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="6" style="text-align: center;">CONTRACT NO. 78155</td>	CHECKED -	REVISED -	CONTRACT NO. 78155							
PLOT DATE = 3/22/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: 1"=20'						SHEET NO. OF SHEETS		STA. TO STA.		



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USER NAME = knightm
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DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

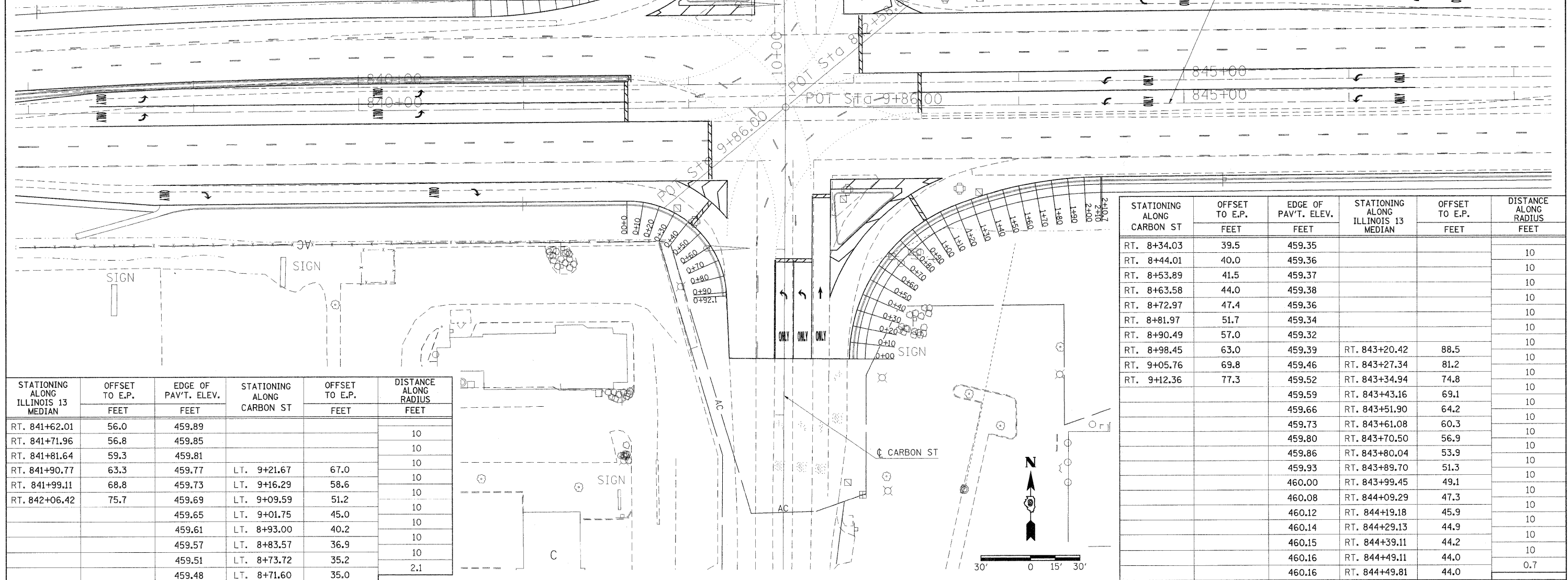
GEOMETRICS

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	73
CONTRACT NO. 78155				
[ILLINOIS] FED. AID PROJECT				

STATIONING ALONG CARBON ST	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG ILLINOIS 13 MEDIAN	OFFSET TO E.P.	DISTANCE ALONG RADIUS
	FEET	FEET		FEET	FEET
LT. 11+56.48	57.8	461.29			
LT. 11+52.20	48.8	461.04			10
LT. 11+45.59	41.3	460.79			10
LT. 11+36.78	36.7	460.54			10
LT. 11+26.90	35.6	460.29			10
LT. 11+17.15	37.8	460.04			10
LT. 11+07.74	41.1	459.79			10
LT. 10+98.75	45.5	459.54			10
LT. 10+90.30	50.8	459.29			10
LT. 10+82.50	57.1	459.04			10
LT. 10+75.43	64.1	459.16			10
LT. 10+69.20	71.9	459.29	LT. 841+86.38	82.9	10
LT. 10+63.86	80.4	459.41	LT. 841+77.95	77.5	10
LT. 10+59.50	89.4	459.53	LT. 841+68.98	73.1	10
		459.65	LT. 841+59.57	69.7	10
		459.78	LT. 841+49.98	66.9	10
		459.90	LT. 841+40.30	64.4	10
		459.89	LT. 841+30.54	62.2	10
		459.88	LT. 841+20.72	60.3	10
		459.87	LT. 841+10.84	58.8	10
		459.86	LT. 841+00.91	57.6	10
		459.85	LT. 840+90.95	56.7	10
		459.85	LT. 840+80.96	56.2	10
		459.84	LT. 840+70.97	56.0	10
		459.84	LT. 840+69.87	56.0	1.1

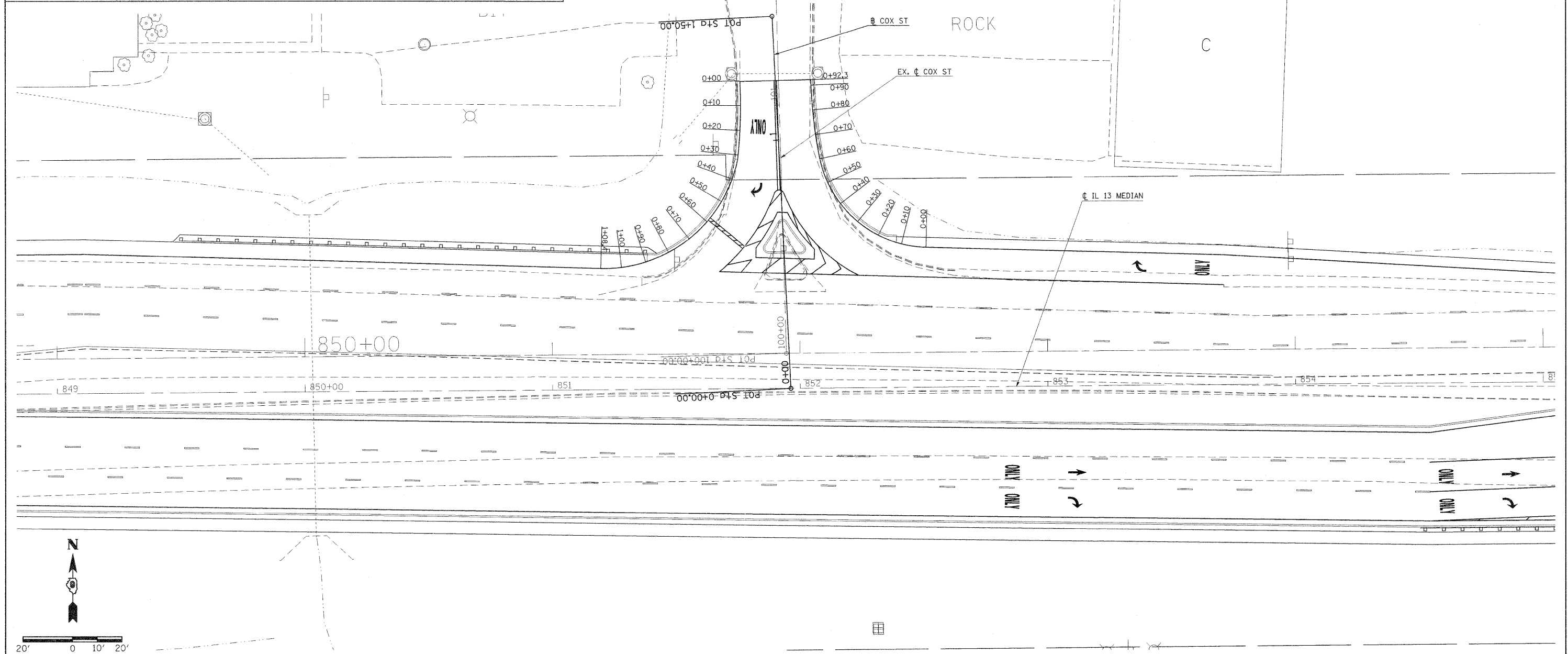
STATIONING ALONG ILLINOIS 13 MEDIAN	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG CARBON ST	OFFSET TO E.P.	DISTANCE ALONG RADIUS
	FEET	FEET		FEET	FEET
LT. 843+74.10	68.0	459.68			
LT. 843+64.13	68.7	459.73			10
LT. 843+54.37	70.8	459.59	RT. 10+56.43	96.0	10
LT. 843+45.01	74.3	459.45	RT. 10+59.96	86.6	10
LT. 843+36.24	79.1	459.31	RT. 10+64.79	77.9	10
		459.17	RT. 10+70.81	69.9	10
		459.23	RT. 10+77.91	62.9	10
		459.42	RT. 10+85.94	56.9	10
		459.61	RT. 10+94.73	52.2	10
		459.80	RT. 11+04.11	48.7	10
		459.99	RT. 11+13.73	46.0	10
		460.18	RT. 11+23.43	43.6	10
		460.30	RT. 11+33.22	41.5	10
		460.42	RT. 11+43.06	39.8	10
		460.54	RT. 11+52.96	38.4	10
		460.66	RT. 11+62.90	37.3	10
		460.78	RT. 11+72.87	36.5	10
		460.90	RT. 11+82.86	36.1	10
		xxx.xx	RT. 11+90.59	36.0	7.7



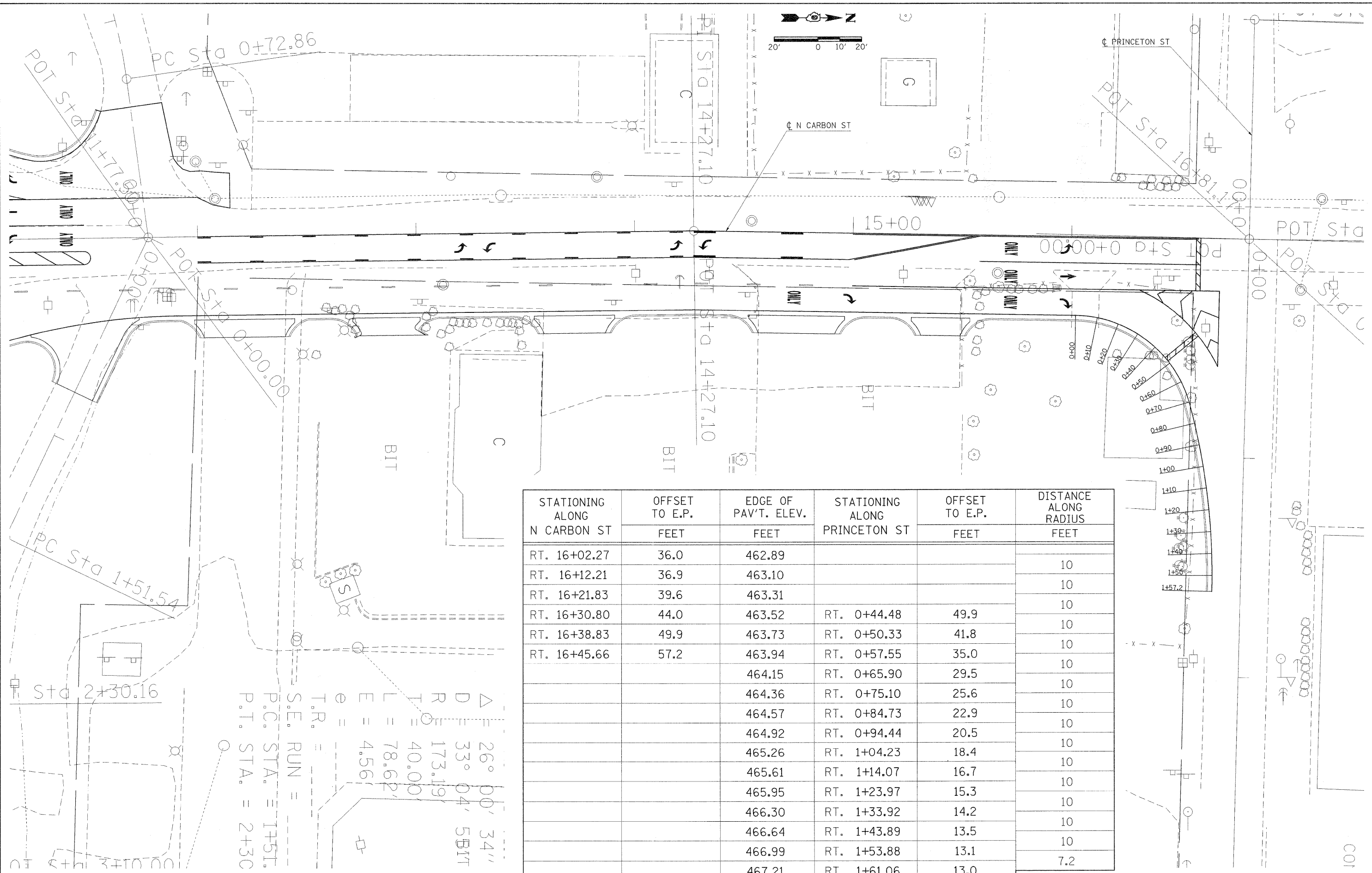
STATIONING ALONG ILLINOIS 13 MEDIAN	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG CARBON ST	OFFSET TO E.P.	DISTANCE ALONG RADIUS
	FEET	FEET		FEET	FEET
RT. 841+62.01	56.0	459.89			
RT. 841+71.96	56.8	459.85			10
RT. 841+81.64	59.3	459.81			10
RT. 841+90.77	63.3	459.77	LT. 9+21.67	67.0	10
RT. 841+99.11	68.8	459.73	LT. 9+16.29	58.6	10
RT. 842+06.42	75.7	459.69	LT. 9+09.59	51.2	10
		459.65	LT. 9+01.75	45.0	10
		459.61	LT. 8+93.00	40.2	10
		459.57	LT. 8+83.57	36.9	10
		459.51	LT. 8+73.72	35.2	10
		459.48	LT. 8+71.60	35.0	2.1

STATIONING ALONG CARBON ST	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG ILLINOIS 13 MEDIAN	OFFSET TO E.P.	DISTANCE ALONG RADIUS
	FEET	FEET		FEET	FEET
RT. 8+34.03	39.5	459.35			10
RT. 8+44.01	40.0	459.36			10
RT. 8+53.89	41.5	459.37			10
RT. 8+63.58	44.0	459.38			10
RT. 8+72.97	47.4	459.36			10
RT. 8+81.97	51.7	459.34			10
RT. 8+90.49	57.0	459.32			10
RT. 8+98.45	63.0	459.39	RT. 843+20.42	88.5	10
RT. 9+05.76	69.8	459.46	RT. 843+27.34	81.2	10
RT. 9+12.36	77.3	459.52	RT. 843+34.94	74.8	10
		459.59	RT. 843+43.16	69.1	10
		459.66	RT. 843+51.90	64.2	10
		459.73	RT. 843+61.08	60.3	10
		459.80	RT. 843+70.50	56.9	10
		459.86	RT. 843+80.04	53.9	10
		459.93	RT. 843+89.70	51.3	10
		460.00	RT. 843+99.45	49.1	10
		460.08	RT. 844+09.29	47.3	10
		460.12	RT. 844+19.18	45.9	10
		460.14	RT. 844+29.13	44.9	10
		460.15	RT. 844+39.11	44.2	10
		460.16	RT. 844+49.11	44.0	10
		460.16	RT. 844+49.81	44.0	0.7

STATIONING ALONG COX ST	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG ILLINOIS 13 MEDIAN	OFFSET TO E.P.	DISTANCE ALONG RADIUS	STATIONING ALONG ILLINOIS 13 MEDIAN	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG COX ST	OFFSET TO E.P.	DISTANCE ALONG RADIUS
	FEET	FEET		FEET	FEET		FEET	FEET		FEET	FEET
LT. 1+24.66	14.3	454.58									
LT. 1+14.66	14.6	454.93			10				LT. 852+51.18	56.3	456.81
LT. 1+04.69	15.3	455.28			10				LT. 852+41.31	57.7	456.82
LT. 0+94.77	16.5	455.63			10						456.83
LT. 0+85.24	19.5	455.98			10						456.52
LT. 0+76.45	24.2	456.33			10						456.21
LT. 0+68.67	30.5	456.68	LT. 851+62.68	67.3	10						455.90
LT. 0+62.14	38.0	457.03	LT. 851+51.55	60.5	10						455.59
LT. 0+57.09	46.6	457.38	LT. 851+47.21	55.0	10						455.28
		457.48	LT. 851+37.98	51.2	10						454.97
		457.58	LT. 851+28.21	49.2	10						454.59
			LT. 851+19.81	48.8	8.4						



FILE NAME =	USER NAME = knights	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRICS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\knights\0157472\78155-shr-geometrics.dgn		DRAWN -	REVISED -			331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	75	
PLOT SCALE = 1/8" = 1' IN.		CHECKED -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 3/22/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



STATIONING ALONG N CARBON ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG PRINCETON ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 16+02.27	36.0	462.89			
RT. 16+12.21	36.9	463.10			10
RT. 16+21.83	39.6	463.31			10
RT. 16+30.80	44.0	463.52	RT. 0+44.48	49.9	10
RT. 16+38.83	49.9	463.73	RT. 0+50.33	41.8	10
RT. 16+45.66	57.2	463.94	RT. 0+57.55	35.0	10
		464.15	RT. 0+65.90	29.5	10
		464.36	RT. 0+75.10	25.6	10
		464.57	RT. 0+84.73	22.9	10
		464.92	RT. 0+94.44	20.5	10
		465.26	RT. 1+04.23	18.4	10
		465.61	RT. 1+14.07	16.7	10
		465.95	RT. 1+23.97	15.3	10
		466.30	RT. 1+33.92	14.2	10
		466.64	RT. 1+43.89	13.5	10
		466.99	RT. 1+53.88	13.1	10
		467.21	RT. 1+61.06	13.0	7.2

$\Delta = 26^\circ 00' 34''$
 $D = 330.04'$
 $R = 173.19'$
 $L = 40.00'$
 $E = 78.62'$
 $\theta = 4.56'$
 T.R. =
 S.E. RUN =
 P.C. STA. = 1+51.54
 P.T. STA. = 2+33.00

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 USER NAME = knightam
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 1/4" = 100'-0"
 PLOT DATE = 3/22/2011

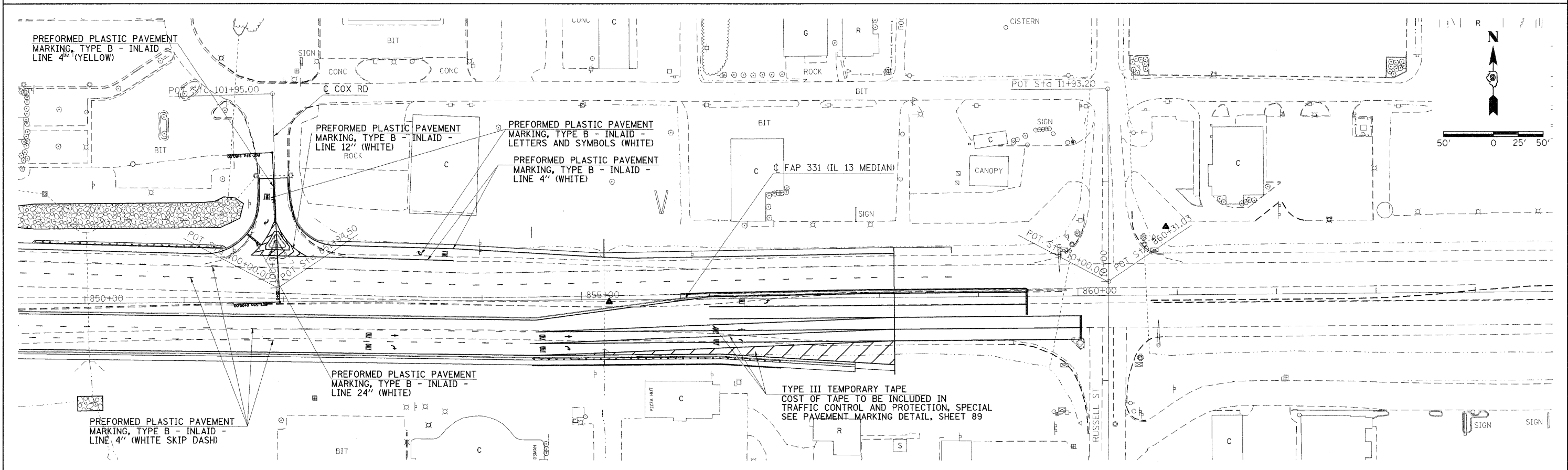
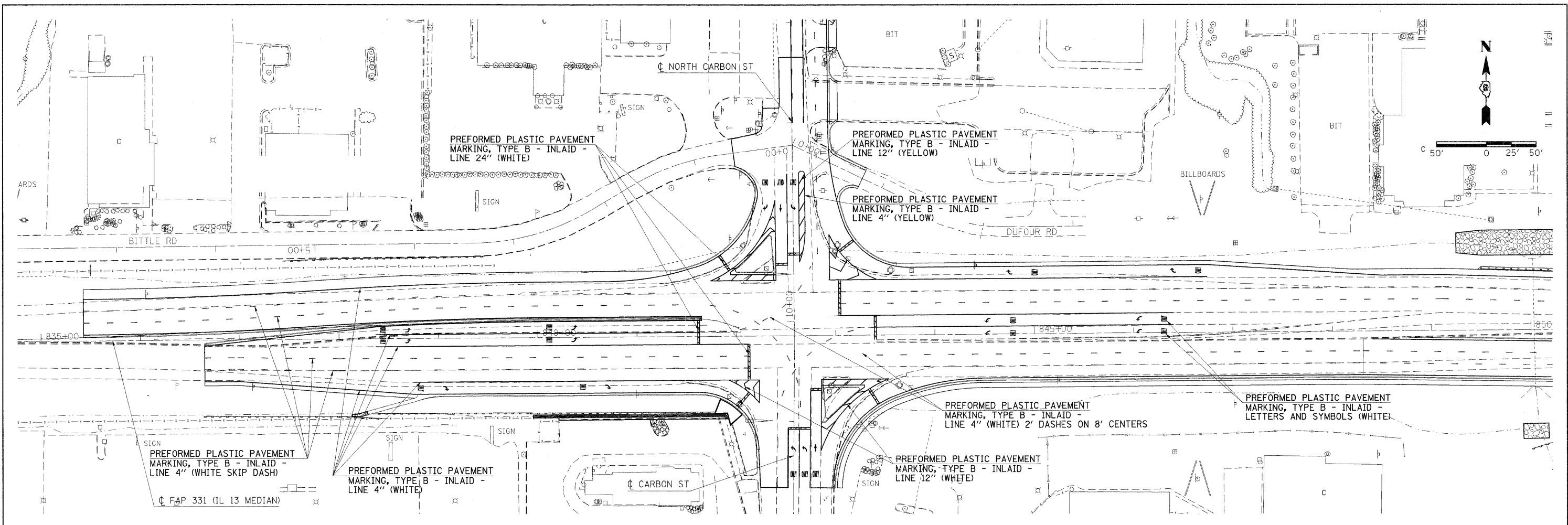
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

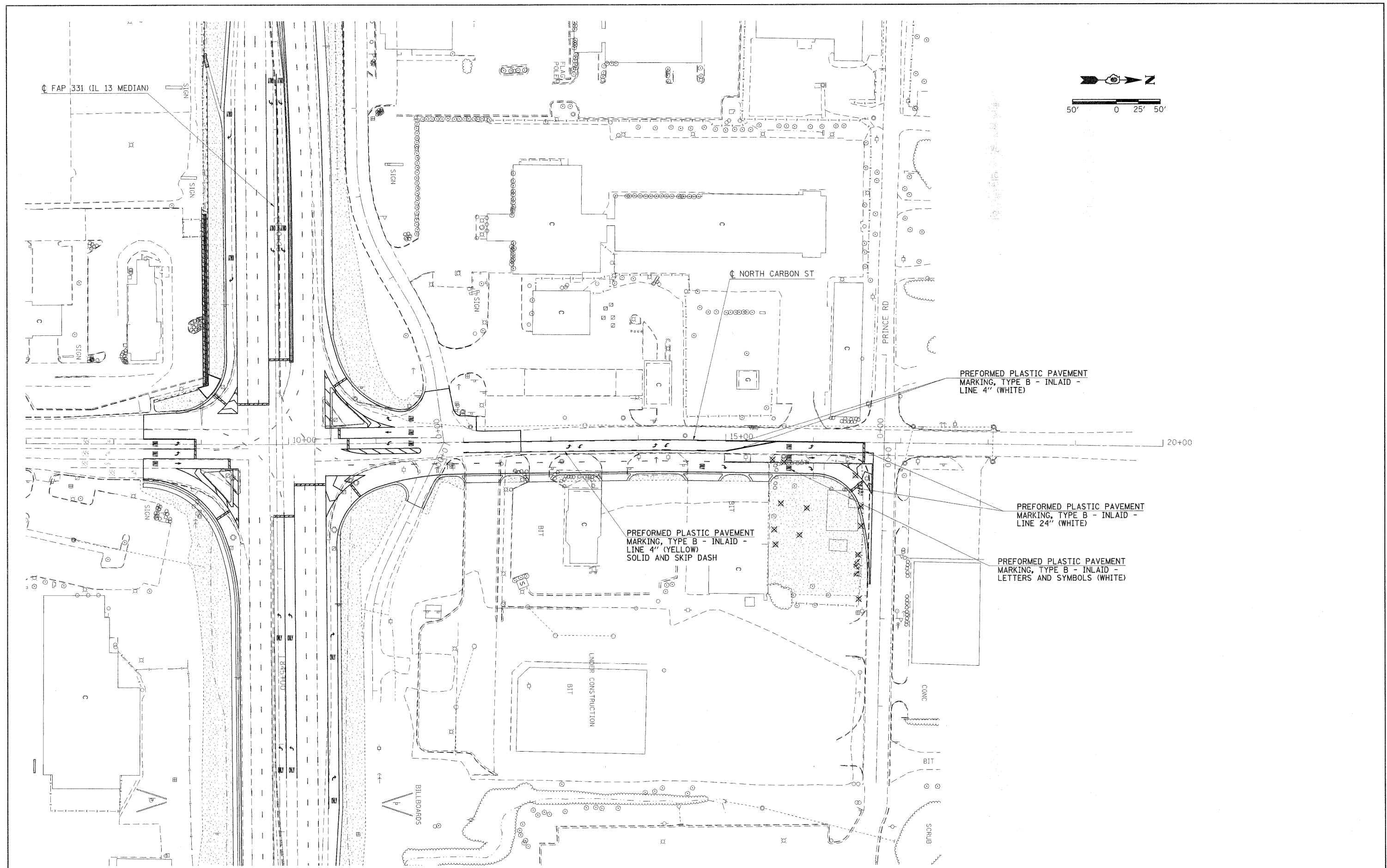
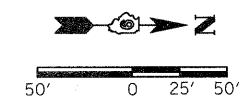
GEOMETRICS

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 331 (IX-11R-1,RS-2,N-2,TS-3) WILLIAMSON 167 76
 CONTRACT NO. 78155
 ILLINOIS FED. AID PROJECT



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PLOT SCALE = 50.00000' / IN.	PLOT DATE = 4/19/2011	DRAWN -	REVISED -			SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 78155		
CHECKED -	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					



CL FAP 331 (IL 13 MEDIAN)

CL NORTH CARBON ST

PRINCE RD

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4" (WHITE)

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4" (YELLOW) SOLID AND SKIP DASH

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (WHITE)

UNDER CONSTRUCTION
BIT

CONC

BIT

SCRUB

BILLBOARDS

FILE NAME =
c:\pwork\pwork\dot\knightsm\d\B157472\7815-sh1-pmk.dgn

USER NAME = knightsm
DRAWN -
PLOT SCALE = 50,0000 / IN.
PLOT DATE = 3/22/2011

DESIGNED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

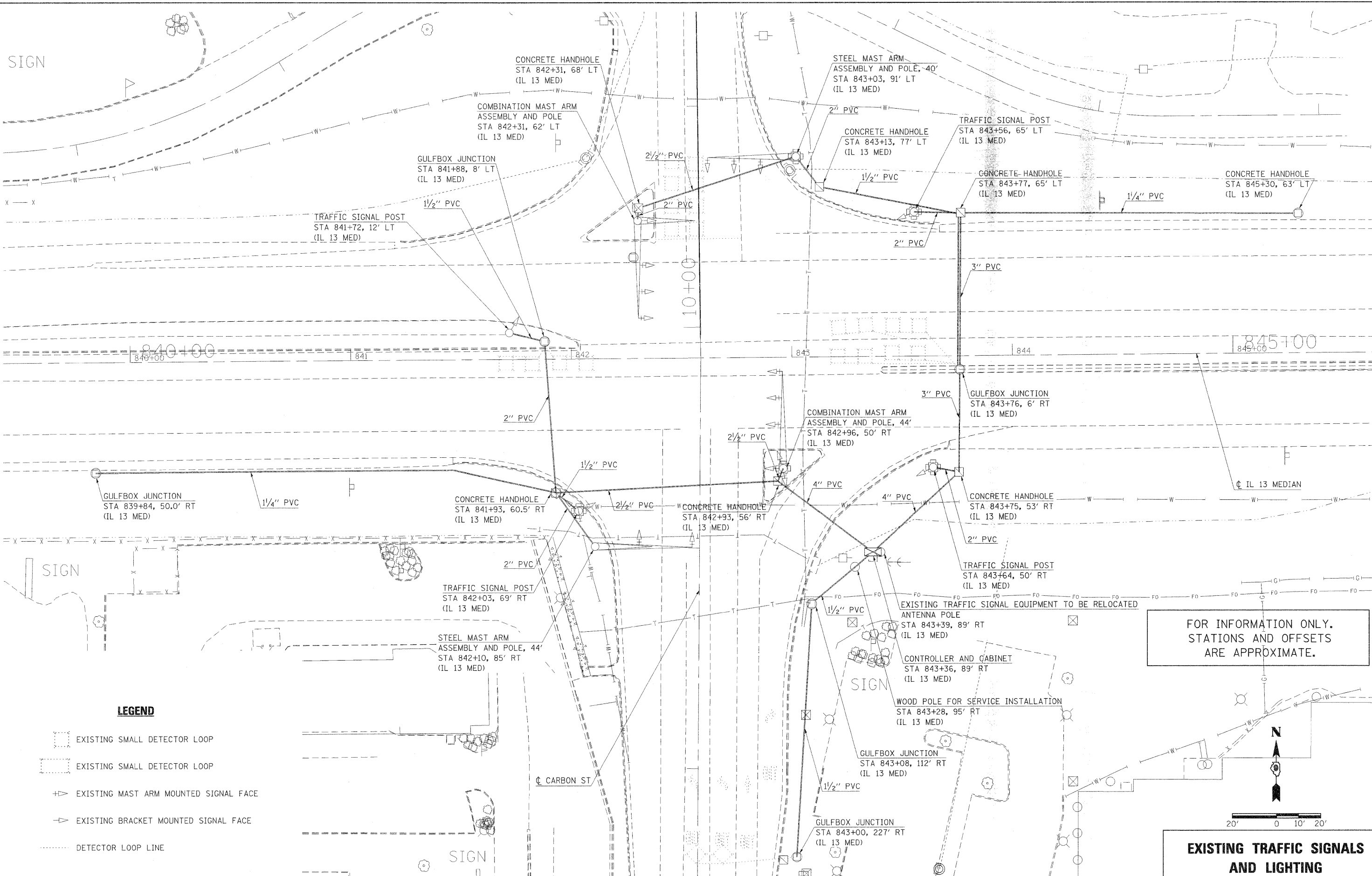
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
NORTH CARBON ST**

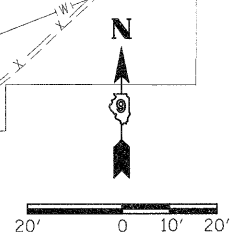
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3)	WILLIAMSON	167	78
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

SIGN



FOR INFORMATION ONLY. STATIONS AND OFFSETS ARE APPROXIMATE.



EXISTING TRAFFIC SIGNALS AND LIGHTING

LEGEND

- EXISTING SMALL DETECTOR LOOP
- EXISTING SMALL DETECTOR LOOP
- EXISTING MAST ARM MOUNTED SIGNAL FACE
- EXISTING BRACKET MOUNTED SIGNAL FACE
- DETECTOR LOOP LINE

FILE NAME = c:\pwwork\pwwork\pwwork\10157472\78156-sht-ts.dgn

USER NAME = knightsn	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 1/ IN.	DRAWN -	REVISED -
PLOT DATE = 3/22/2011	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

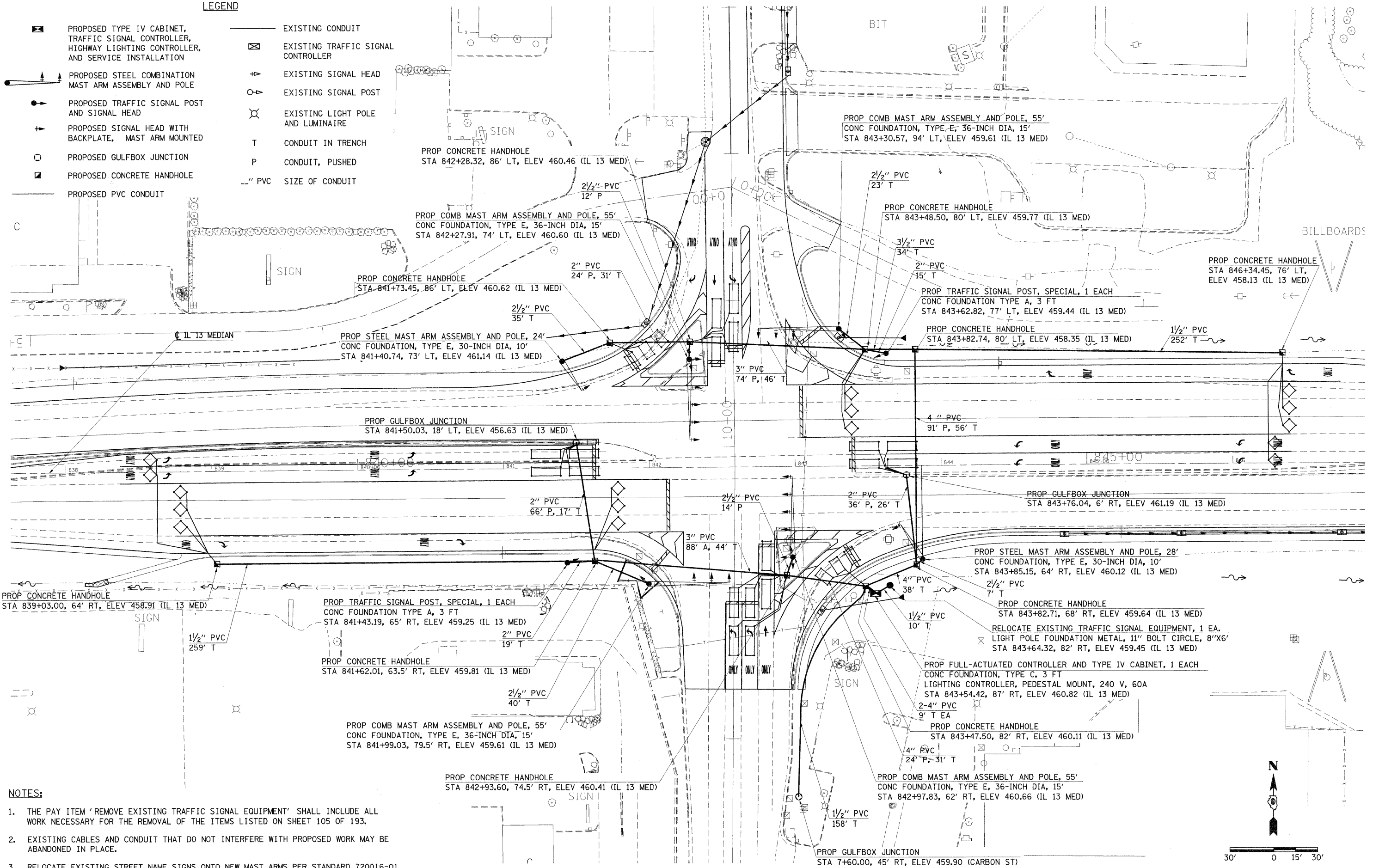
EXISTING TRAFFIC SIGNALS AND LIGHTING

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	79
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

LEGEND

- ☒ PROPOSED TYPE IV CABINET, TRAFFIC SIGNAL CONTROLLER, HIGHWAY LIGHTING CONTROLLER, AND SERVICE INSTALLATION
- ☒ EXISTING TRAFFIC SIGNAL CONTROLLER
- ☒ PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- ☒ EXISTING SIGNAL HEAD
- PROPOSED TRAFFIC SIGNAL POST AND SIGNAL HEAD
- ☒ EXISTING SIGNAL POST
- ☒ PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
- ☒ EXISTING LIGHT POLE AND LUMINAIRE
- PROPOSED GULFBOX JUNCTION
- T CONDUIT IN TRENCH
- ☒ PROPOSED CONCRETE HANDHOLE
- P CONDUIT, PUSHED
- PVC SIZE OF CONDUIT
- PROPOSED PVC CONDUIT



- NOTES:**
1. THE PAY ITEM 'REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT' SHALL INCLUDE ALL WORK NECESSARY FOR THE REMOVAL OF THE ITEMS LISTED ON SHEET 105 OF 193.
 2. EXISTING CABLES AND CONDUIT THAT DO NOT INTERFERE WITH PROPOSED WORK MAY BE ABANDONED IN PLACE.
 3. RELOCATE EXISTING STREET NAME SIGNS ONTO NEW MAST ARMS PER STANDARD 720016-01.

USER NAME = thomashf	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 5/5/2011	DATE -	REVISED -

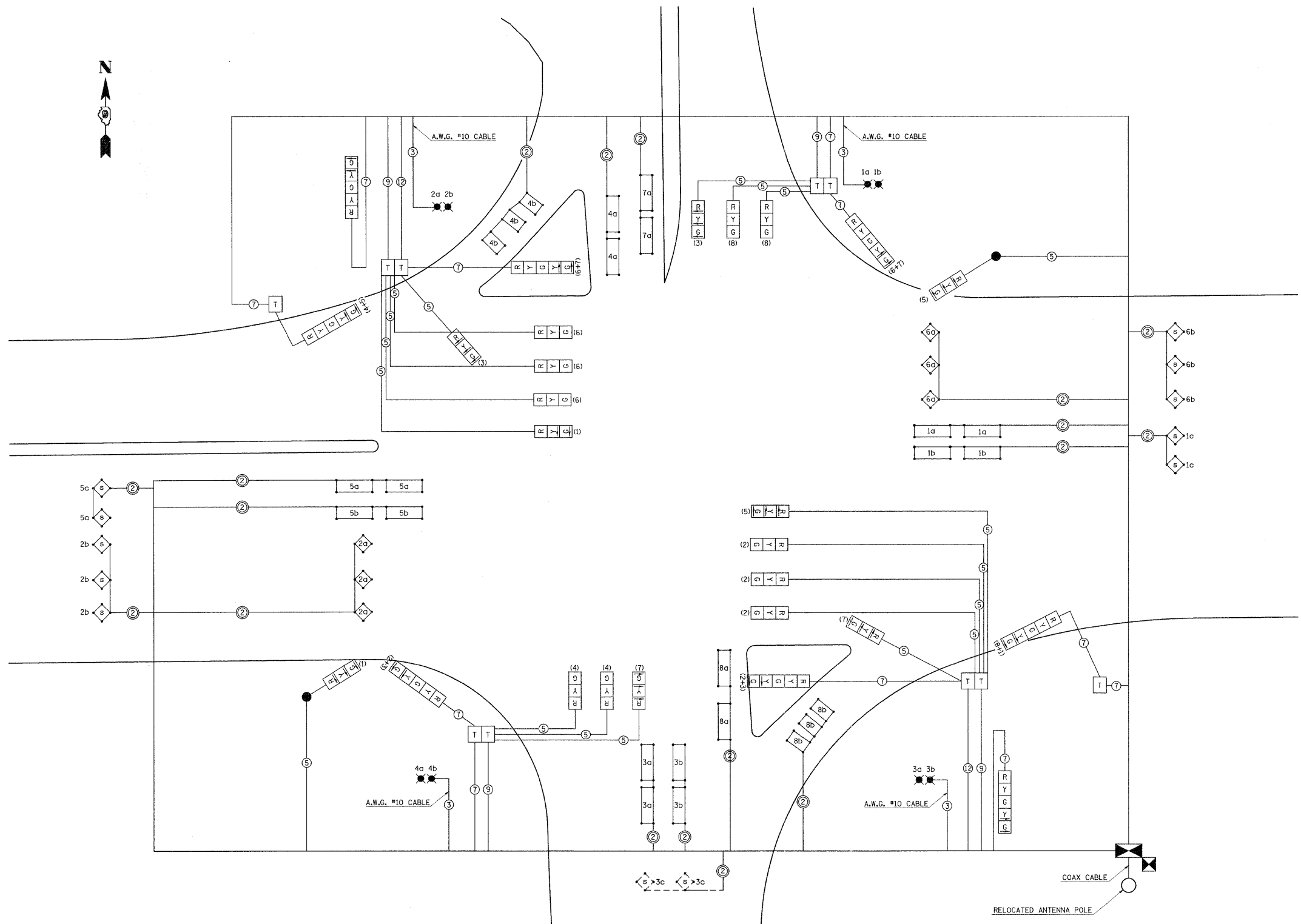
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNALS
AND LIGHTING**

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3)	WILLIAMSON	167	80
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

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NOTES

1. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.
3. ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL.
4. PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF FULL-ACTUATED CONTROLLER IN TYPE IV CABINET.
5. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
6. ALL SIGNAL LENSES SHALL BE 12 INCHES.

LEGEND

- T TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS).
- TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- G 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- TRAFFIC SIGNAL CONTROLLER CABINET
- LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V, 60A
- 2 INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- 5 NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- (4) NUMBER IN PARENTHESIS INDICATES PHASE
- 5a 5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 6a 6' X 10' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 8a 6' X 20' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 2a 5' X 5' LOOP WITH 2" CORE DRILLED CORNERS: NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.

FILE NAME = c:\p\work\p\pedest\thomashf\abil57472178185-sht-ta.dgn

USER NAME = thomashf	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 5/5/2011	CHECKED -	REVISED -
	DATE -	REVISED -

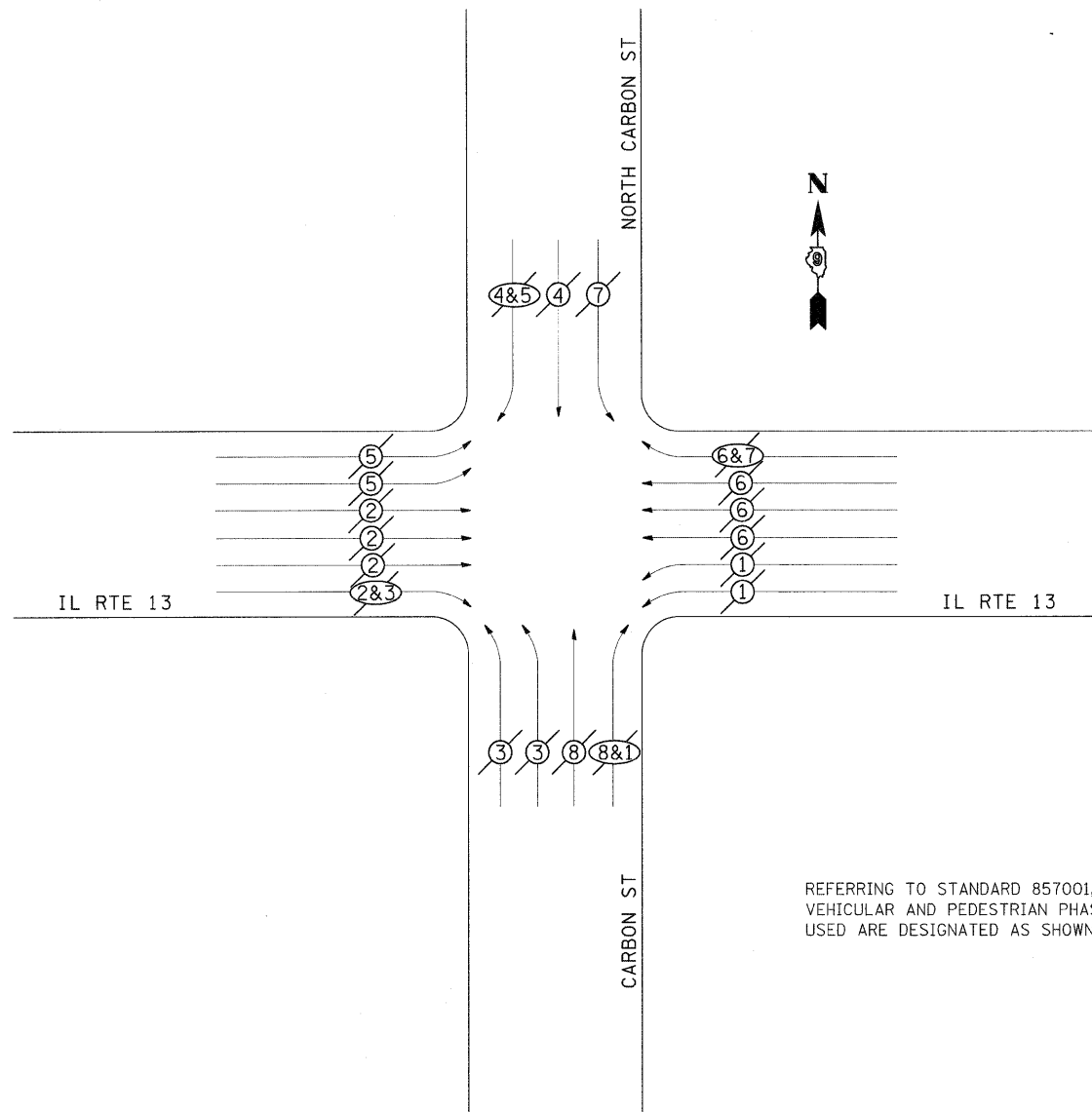
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
CABLE DIAGRAM**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	81
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

PHASE DESIGNATION DIAGRAM IL RTE 13 WITH CARBON ST

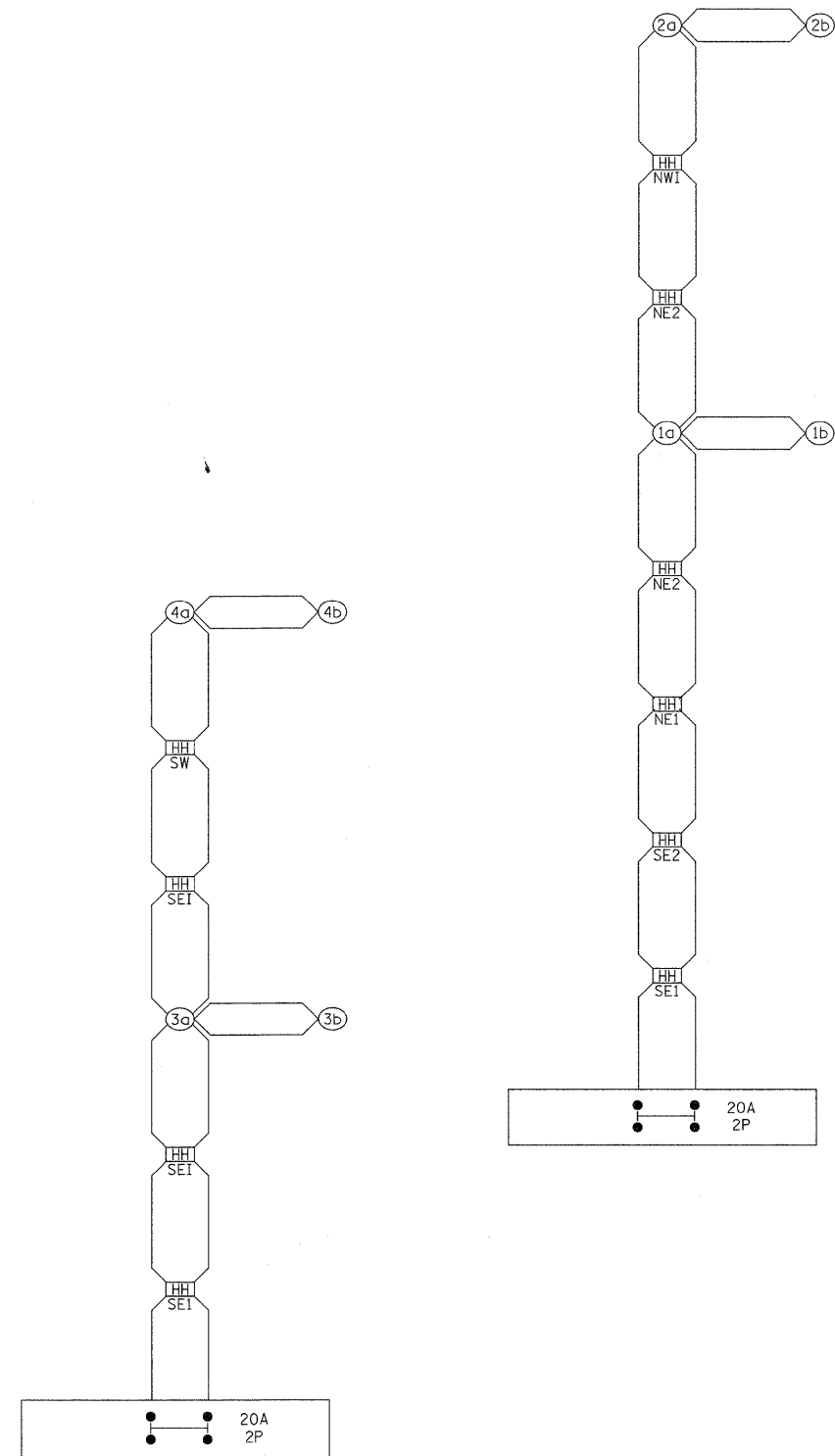


REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

- NW1 NORTHWEST ISLAND
STA 843+47.50 82' RT
- SE1 SOUTHEAST CORNER
STA 843+82.71 68' RT
- SE1 SOUTHEAST ISLAND
- SW SOUTHWEST CORNER
- SE2 SOUTHEAST CORNER
STA 843+82.71 68' RT
- NE1 NORTHEAST CORNER
STA 843+82.74 80' LT
- NE2 NORTHEAST CORNER
STA 843+48.50 80' LT

REVISIONS	
DRAWN	1-31-90
REVISED	5-30-90
REVISED	12-18-01
REVISED	3-27-08

STD. 9-66



PROPOSED CONTROL INSTALLATION
LIGHTING CONTROLLER, PEDESTAL MOUNTED
60 AMP - 240 VOLT

LEGEND

VEHICULAR MOVEMENT
 PEDESTRIAN MOVEMENT

* NUMBER REFERS TO ASSOCIATED PHASE

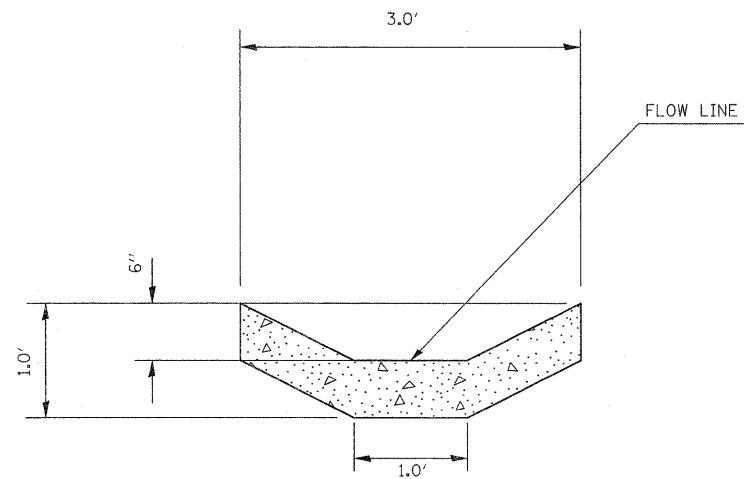
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PLOT DATE = 5/5/2011	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PHASE DESIGNATION
DIAGRAM**

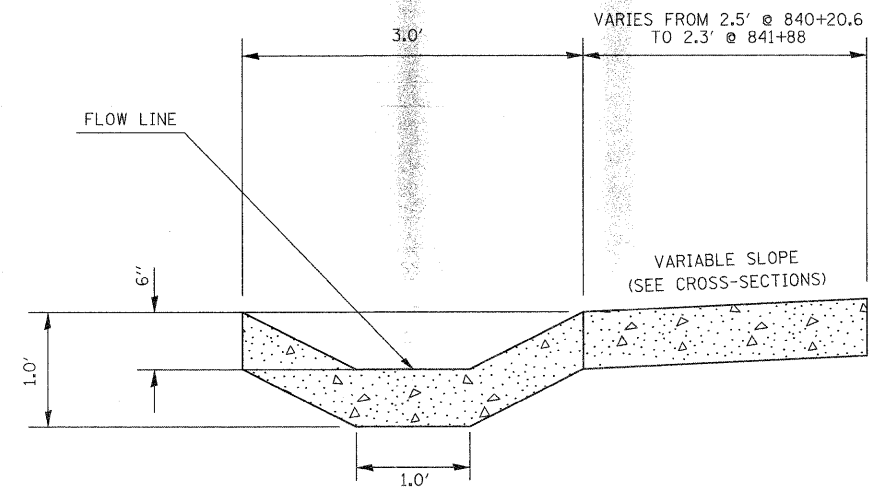
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	82
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				



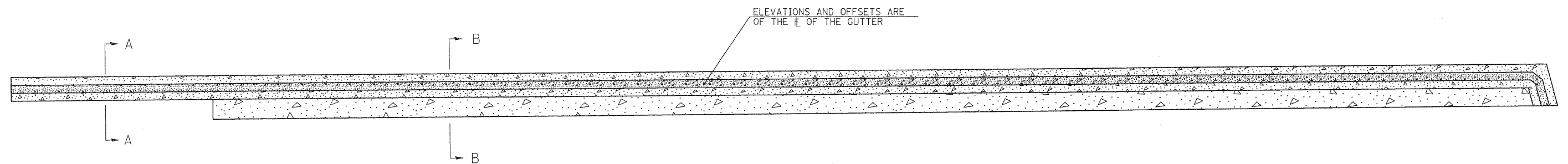
SECTION A-A

TO BE USED: STA 839+95 TO 840+20.6 (IL 13 MED)



SECTION B-B

TO BE USED: STA 840+20.6 TO 840+90.25 (IL 13 MED)



PLAN VIEW

STA 839+95 RT TO 840+90.25 RT (IL 13 MED)

STATION	OFFSET	FLOW LINE ELEVATION
839+95.00	79.27	453.21 RT
840+00.00	79.27	453.26 RT
840+50.00	79.27	453.41 RT
841+00.00	79.24	453.83 RT
841+50.00	79.22	454.51 RT
841+75.19	79.21	454.98 RT
841+80.13	79.21	455.17 RT
841+85.30	79.21	455.19 RT
841+89.57	81.04	455.65 RT

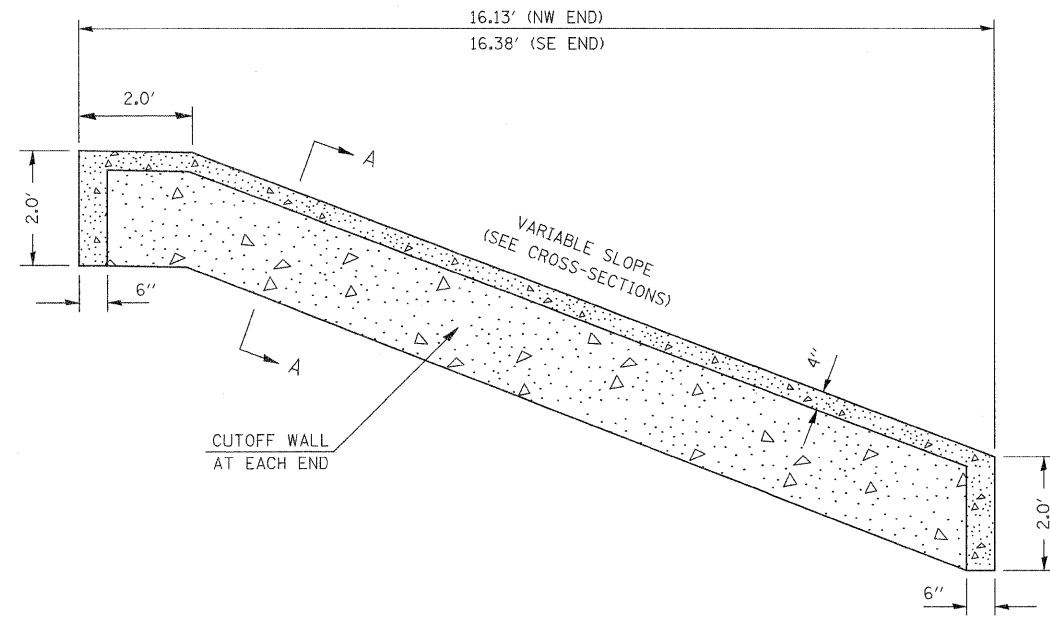
FILE NAME =	USER NAME = knightsm	DESIGNED -	REVISED -
c:\pwork\pwork\knightsm\d0157472\78155-aht-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

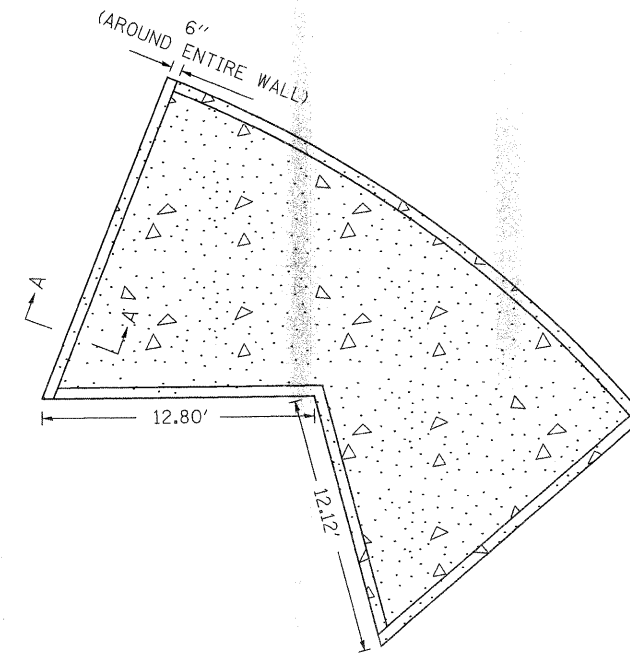
DETAIL - TYPE A GUTTER, SPECIAL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	83
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

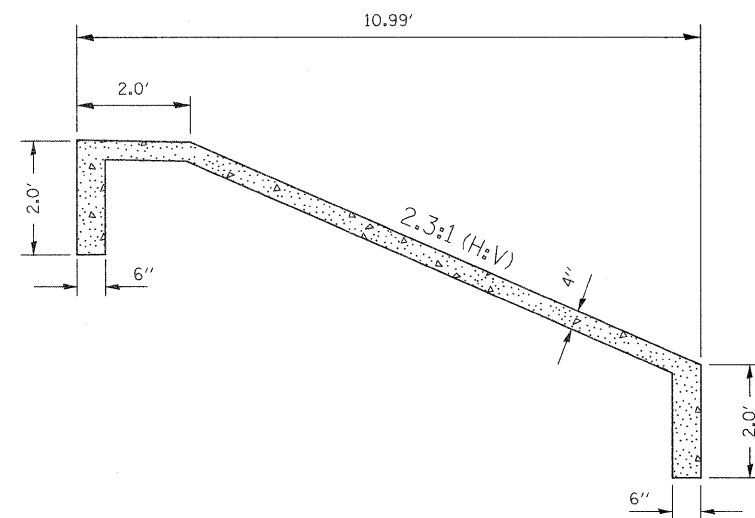


END SECTION VIEW

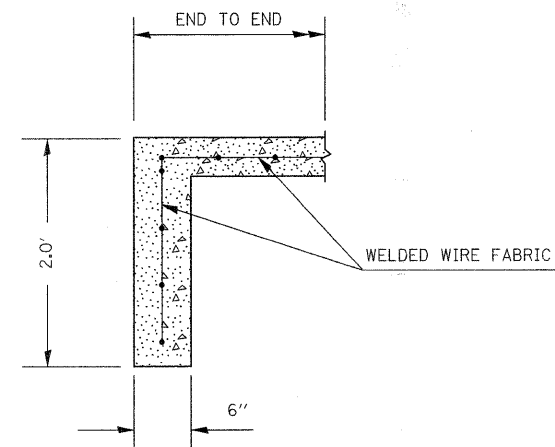


PLAN VIEW

POINT	STATION (IL 13 MED)	OFFSET
SW CORNER	841+77.45	77.71 RT
NW CORNER	841+83.48	62.75 RT
SE CORNER	841+93.29	89.43 RT
NE CORNER	842+05.77	78.83 RT



MID SECTION VIEW @ 0+40 (SW QUAD CARBON)



SECTION A-A

NOTE: SLOPE WALL SHALL BE REINFORCED WITH WELDED WIRE FABRIC, 6 IN. X 6 IN. - W4.0 X W4.0, WEIGHING 58 LBS. PER 100 SQ. FT.

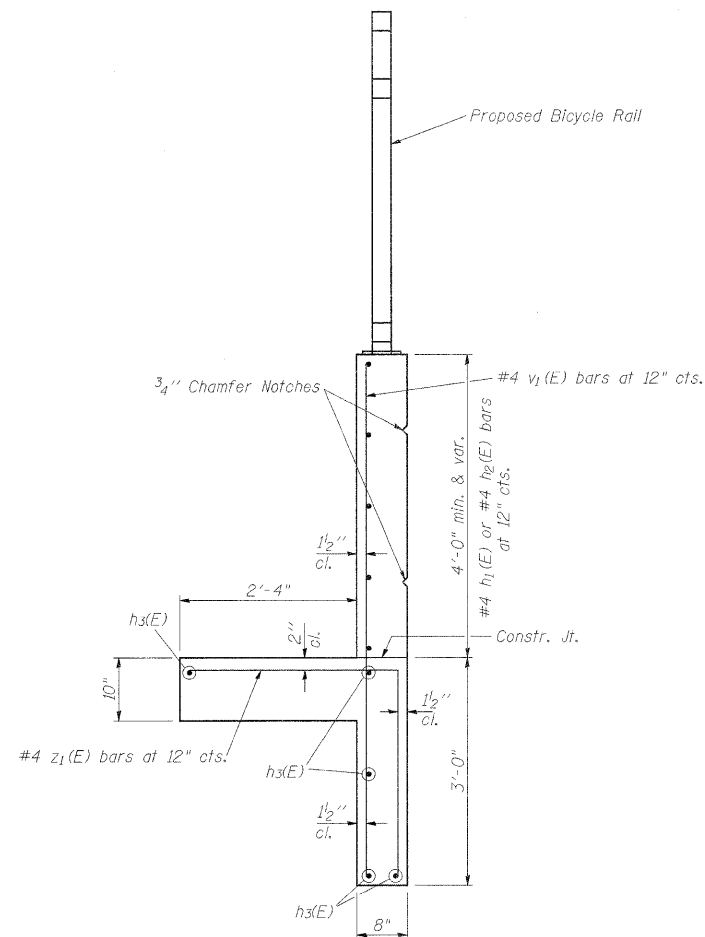
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL - SLOPE WALL

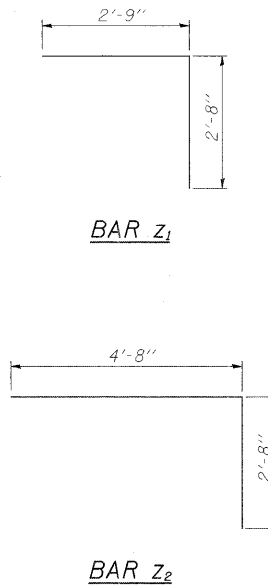
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				



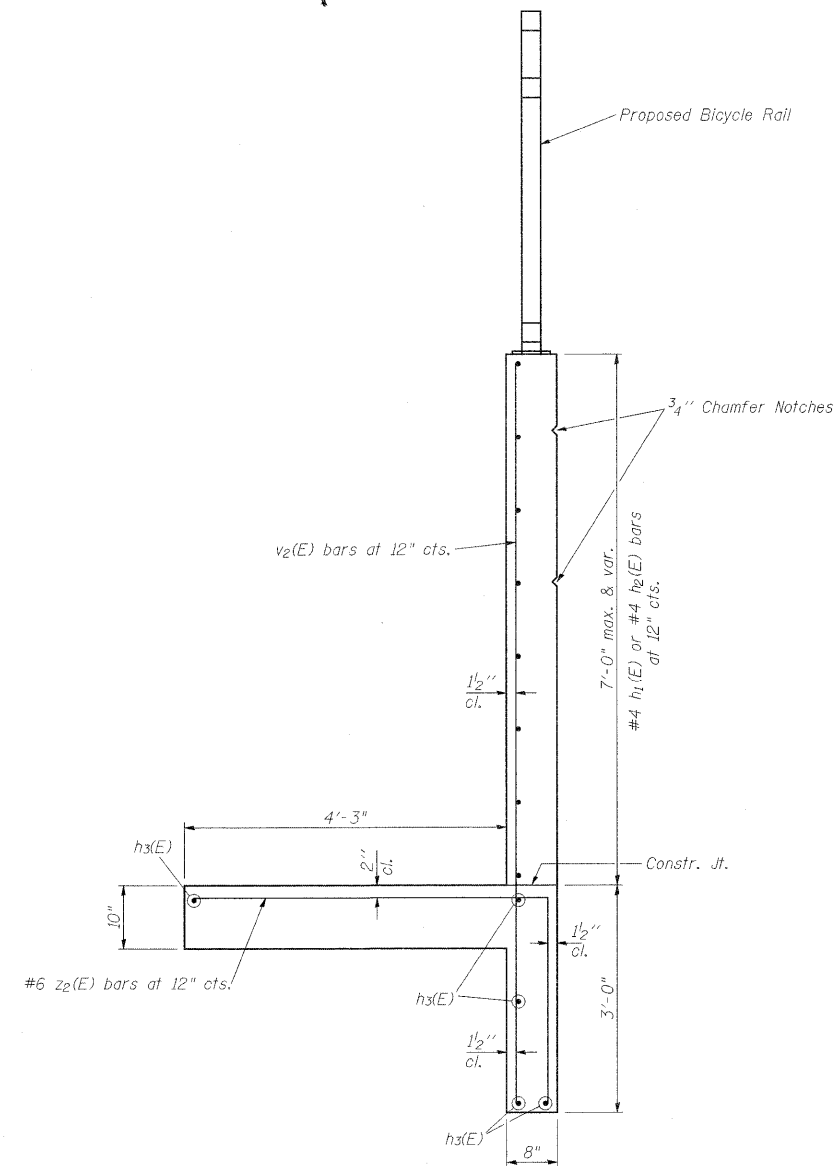
SECTION A-A

TO BE USED:
 STA. 854+50 TO 854+75
 STA. 855+75 TO 857+00



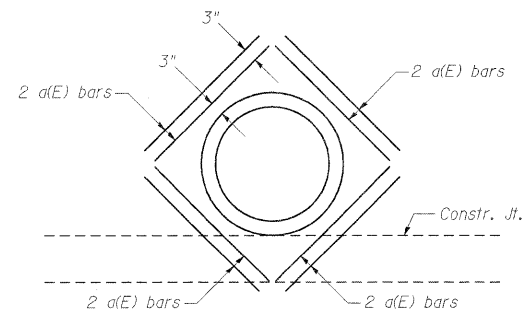
DESIGN STRESSES

$f_y = 60,000 \text{ psi}$
 $f'_c = 3,500 \text{ psi}$



SECTION B-B

TO BE USED:
 STA. 854+75 TO 855+75



ELEVATION

View of Storm Sewer @ Sta. 855+23
 Looking North

NOTES

Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
 All construction joints shall be bonded.
 Expansion and construction joints shall be placed as shown. They shall be constructed as shown in the detail. The cost of the preformed joint filler, water seal, and concrete nails shall be included in the cost of Concrete Structures.
 The footing shall not have an expansion joint. It shall be continuous.
 The storm sewer pipe exiting through the retaining wall at Sta. 855+23 shall be surrounded by a(E) bars as shown in the elevation detail.

The bicycle rail shall be installed on top of the retaining wall.
 A 3/4" chamfer strip shall be placed on the forms to produce notches 1' and 3' from the top of the wall along its entire length.
 Porous granular embankment (CA 7 or CA 11) and 6" diameter perforated pipe underdrain shall be placed behind the retaining wall as shown on the detail. The cost of the pge (150 cu yd), the pipe underdrain (250 ft), and the associated geotextile fabric (220 sq yd) shall be included in the cost of Concrete Structures.
 A minimum bar lap of 1'-8" shall be used for overlapping #4 bars.

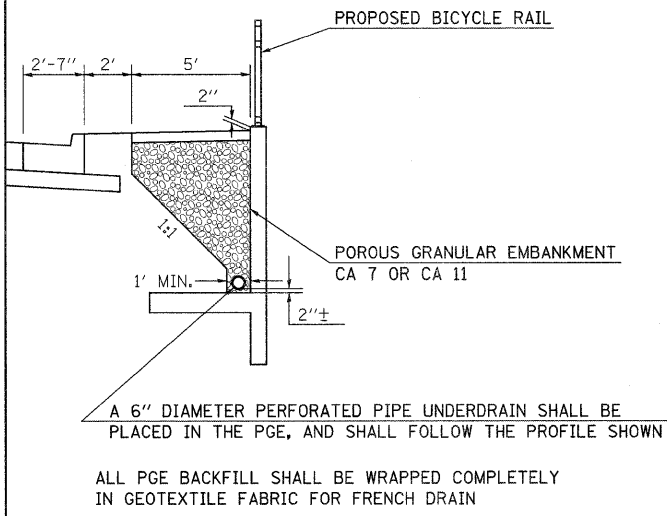
*** BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	8	#4	2'-10"	—
z1(E)	144	#4	5'-5"	┌
z2(E)	106	#6	7'-4"	┌
h1(E)	36	#4	27'-8"	—
h2(E)	21	#4	31'-0"	—
h3(E)	45	#4	29'-3"	—
v1(E)	144	#4	6'-9"	—
v2(E)	106	#4	9'-9"	—
Concrete Structures		Cu. Yd.	70.2	
Reinforcement Bars		Pound	5030	
Epoxy Coated				

*All Reinforcement Bars shall be Epoxy Coated

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS - RETAINING WALL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\thomashf\d8157472\7815	s-ashr-detail.svdgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	85	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78155					
	PLOT DATE = 4/21/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

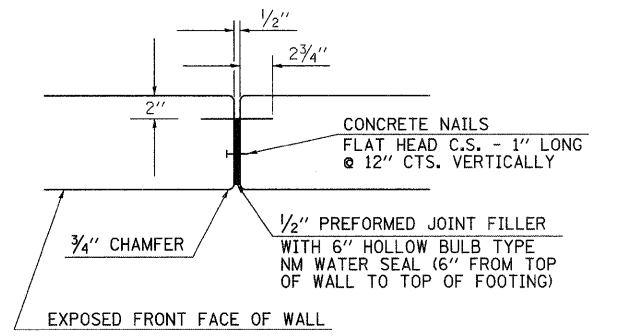
PIPE UNDERDRAIN & BACKFILL DETAIL



A 6" DIAMETER PERFORATED PIPE UNDERDRAIN SHALL BE PLACED IN THE PGE, AND SHALL FOLLOW THE PROFILE SHOWN

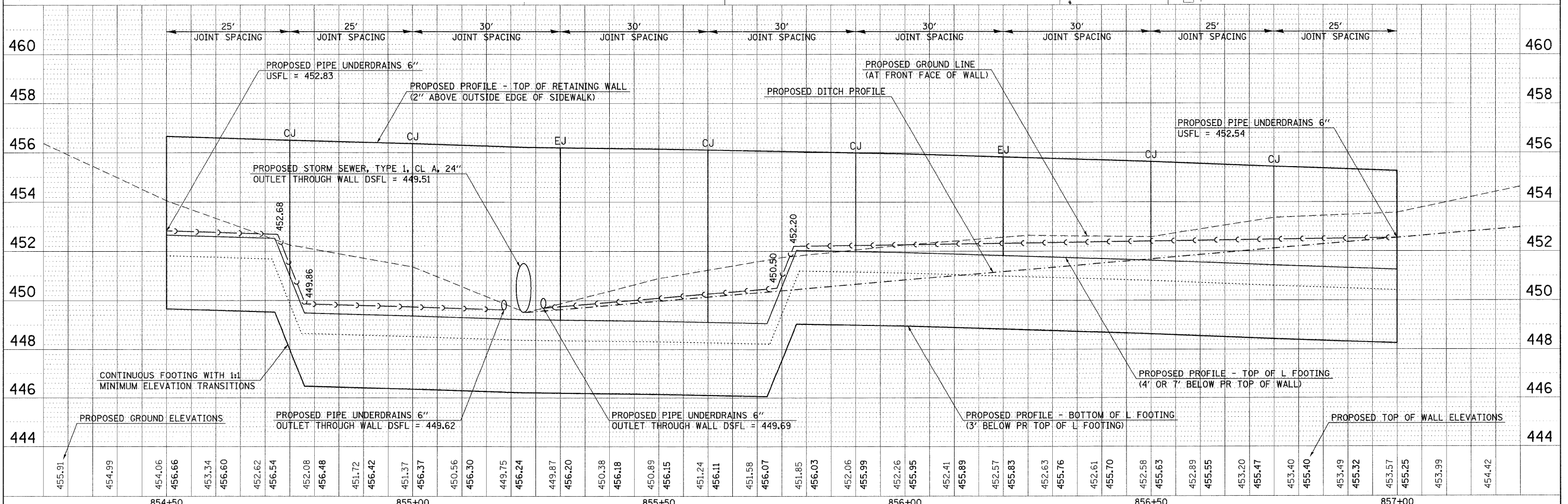
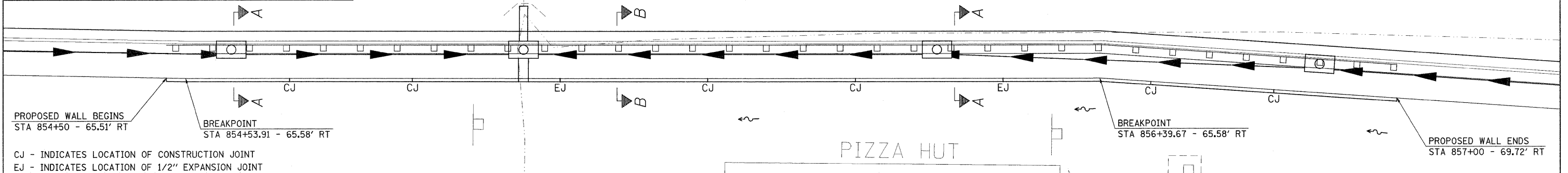
ALL PGE BACKFILL SHALL BE WRAPPED COMPLETELY IN GEOTEXTILE FABRIC FOR FRENCH DRAIN

EXPANSION JOINT DETAIL



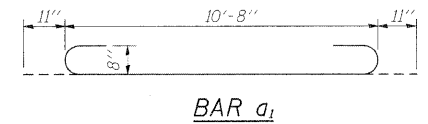
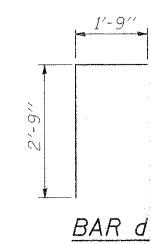
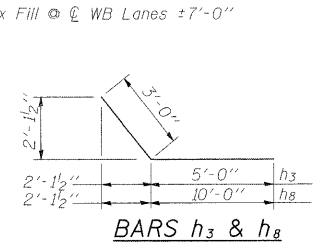
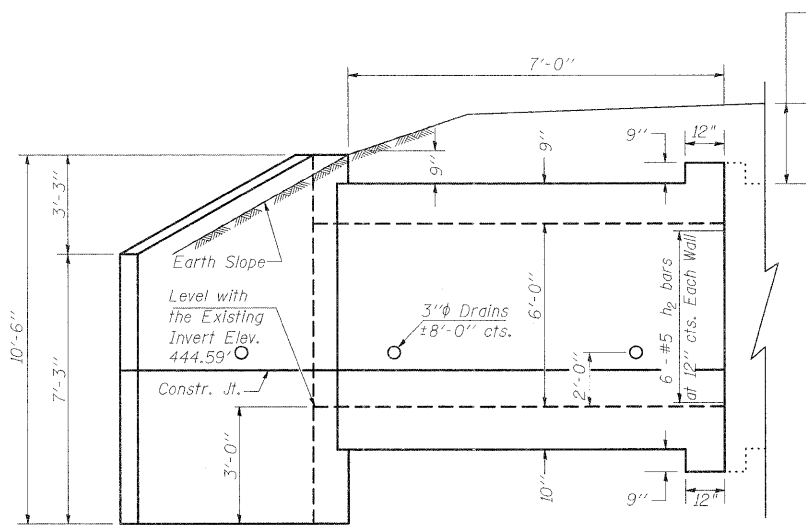
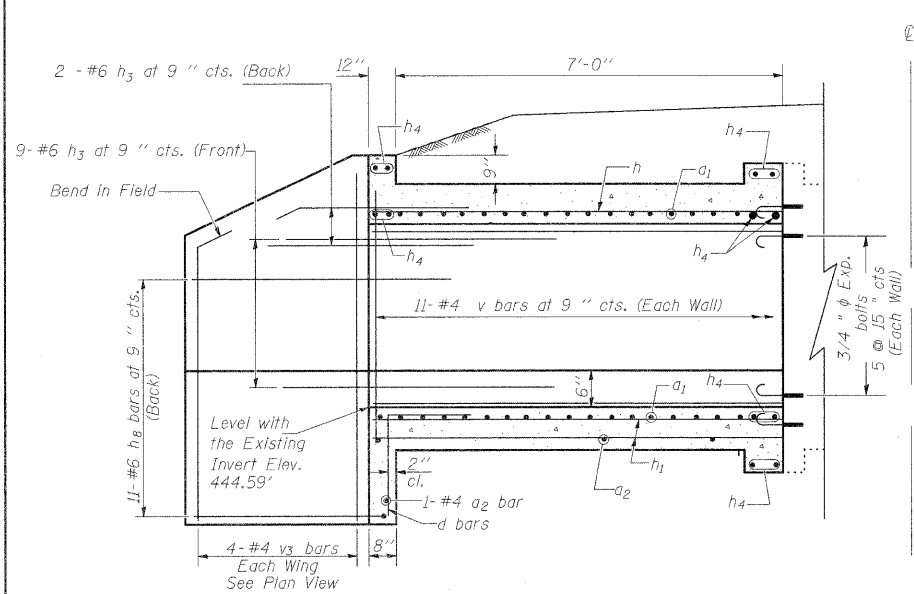
DATE: _____ BY: _____
 SURVEYED: _____
 ALIGNMENT CHECKED: _____
 RT OF WALL CHECKED: _____
 NO. _____
 PROFILE: _____
 GRADES CHECKED: _____
 B.M. NOTED: _____
 STRUCTURE NOTATION: _____
 NO. _____

DATE: _____ BY: _____
 SURVEYED: _____
 GRADES CHECKED: _____
 B.M. NOTED: _____
 STRUCTURE NOTATION: _____
 NO. _____

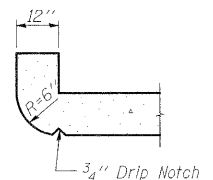


FILE NAME =	USER NAME = thomash	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL PLAN AND PROFILE	F.A.P. RTE. 331	SECTION (1X-1R-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 85A		
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PLOT DATE = 4/21/2011	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78155						

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



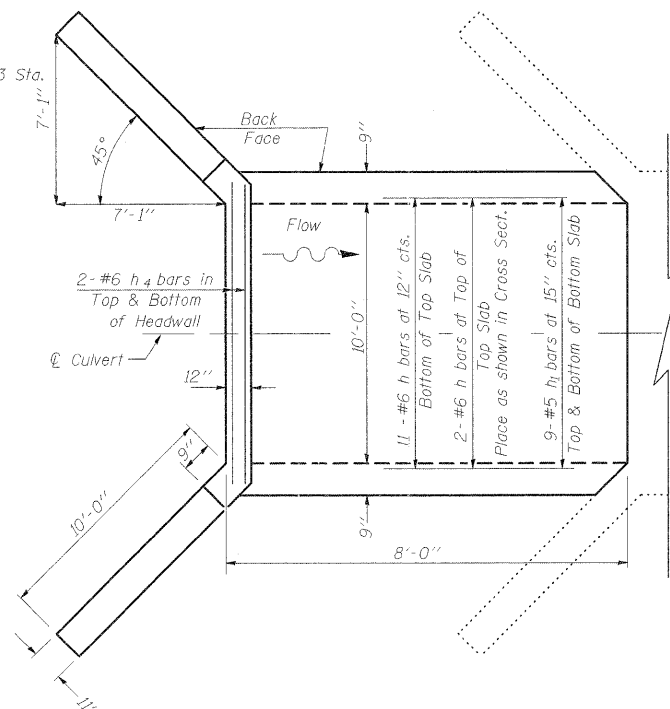
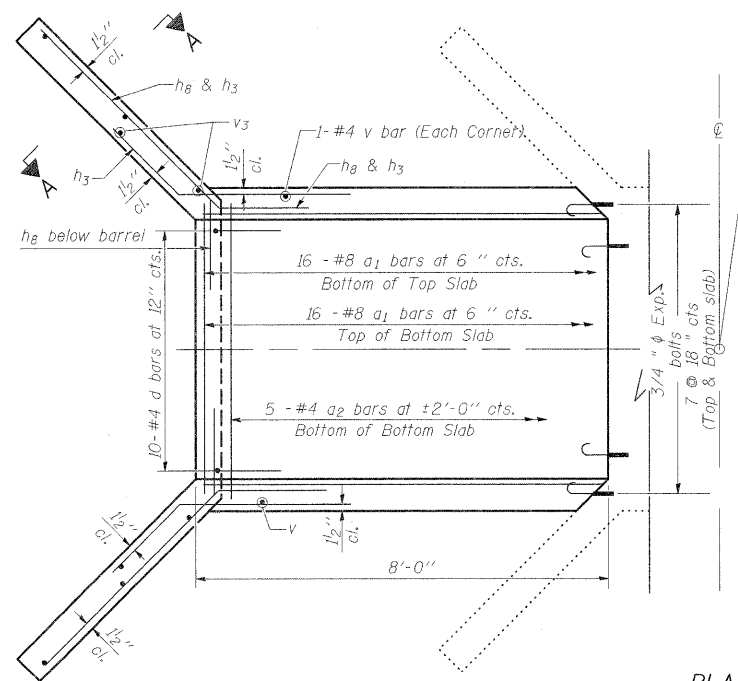
BAR a1



SECTION THRU HEADWALL
(Up Stream End Only)

ELEVATION

Dimensions at Rt. L's to C Roadway
Looking East



NOTES

All construction joints shall be bonded.
Expansion bolts shall be 3/4 inch diameter x 12 inch hooked bolts. Hooked bolts shall extend a minimum of 9 inches into new concrete and have a minimum certified proof load of 4,080 lbs.

DESIGN STRESSES

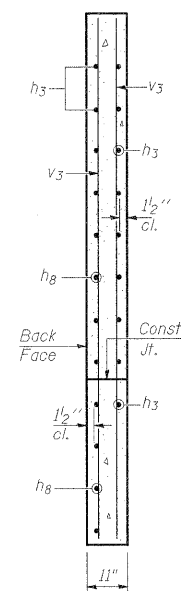
fy = 60,000 psi
f'c = 3,500 psi

LOADING HS 20-44

* BILL OF MATERIAL

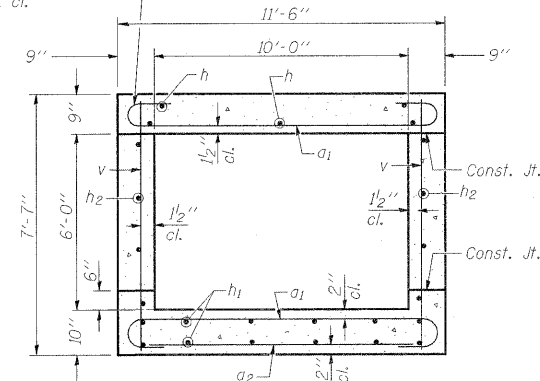
Bar	No.	Size	Length	Shape
a1(E)	32	#8	12'-6"	C
a2(E)	5	#4	10'-6"	—
d(E)	10	#4	4'-6"	L
h(E)	13	#6	7'-8"	—
h1(E)	18	#5	7'-8"	—
h2(E)	12	#5	7'-8"	—
h3(E)	22	#6	8'-0"	—
h4(E)	12	#6	10'-6"	—
h5(E)	22	#6	13'-0"	—
v(E)	24	#4	7'-3"	—
v3(E)	8	#4	10'-3"	—
Concrete Box Culverts		Cu. Yd.	15.8	
Reinforcement Bars		Pound	2580	
Epoxy Coated				
3/4" Expansion bolts		Each	24	

* All Reinforcement Bars shall be Epoxy Coated



SECTION A-A

Tilt hook of a1 bars
if necessary for 1/2" min. cl.



SECTION THRU BARREL

REVISIONS

REVISIONS	DATE
DRAWN	2-04
REVISED	5-09
REVISED	SHT CELL
REVISED	

BASED ON: SSB-H-0 6-1-2000

Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

FILE NAME	USER NAME	DESIGNED	REVISED
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		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

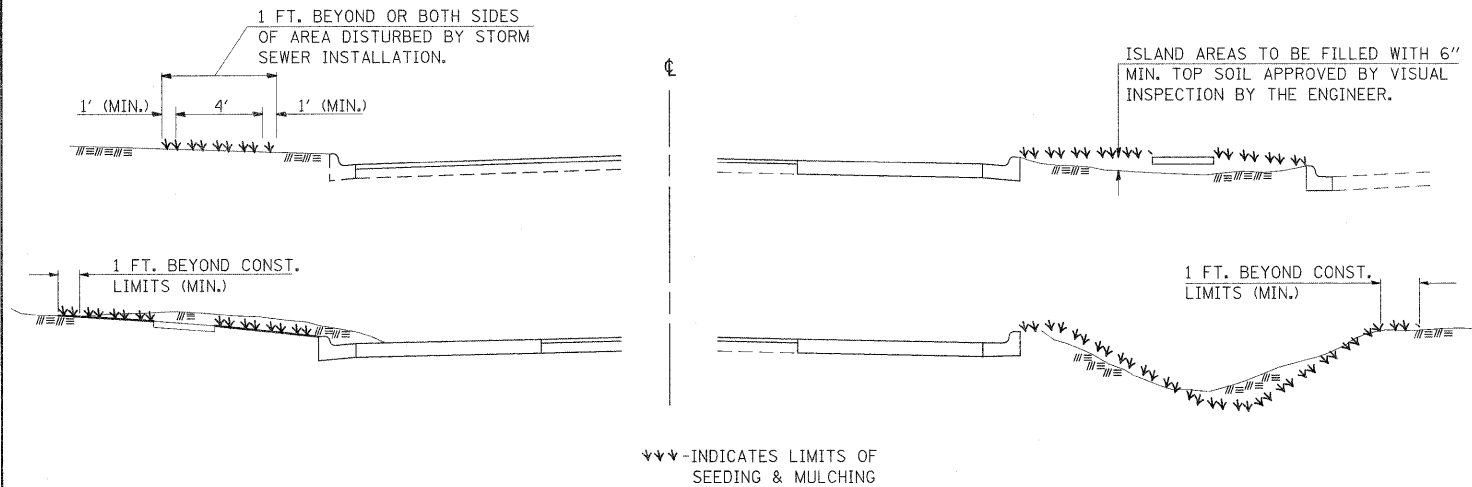
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT EXTENSION STATION 850+03.00
10' X 6', SKEW 0° EXTEND 8'-0"

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1RS-2,N-2,TS-3)	WILLIAMSON	167	86
				CONTRACT NO. 78155
ILLINOIS FED. AID PROJECT				

SEEDING & MULCHING



GENERAL NOTES

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

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

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

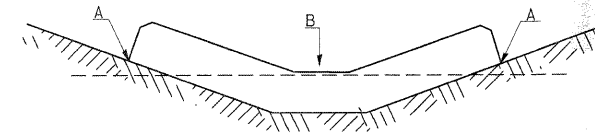
SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
DRAWN	6-15-89
REVISED	8-16-94
REVISED	3-27-08
REVISED	

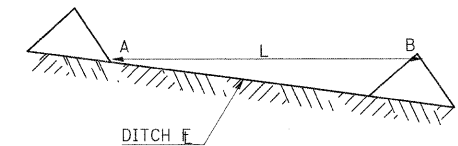
STD. 9-52

TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



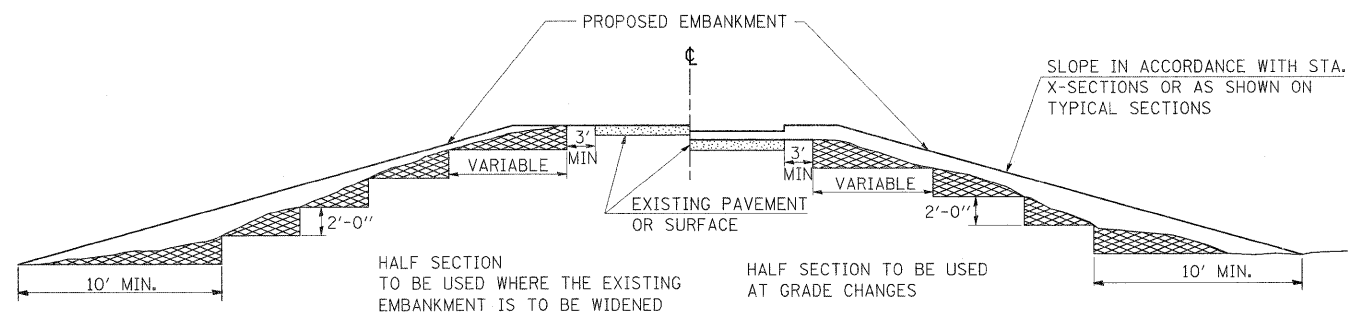
SPACING BETWEEN TEMPORARY DITCH CHECKS



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

STD. 9-108

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

FILE NAME =	USER NAME = knightsm	DESIGNED -	REVISED -
c:\pwork\pwork\knightm\0157472\7815	shht-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2011	DATE -	REVISED -

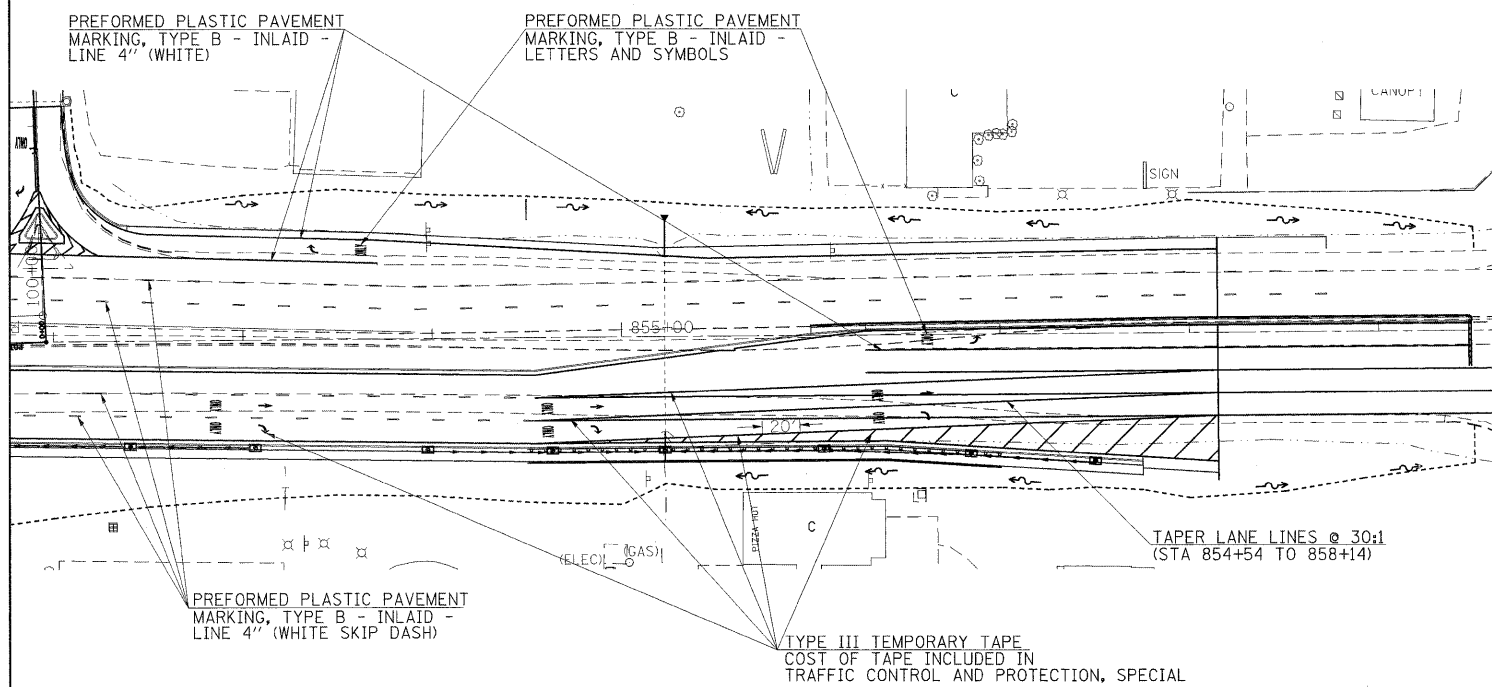
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS - SEEDING & MULCHING,
STEP CONSTRUCTION, AND TEMP. DITCH CHECKS

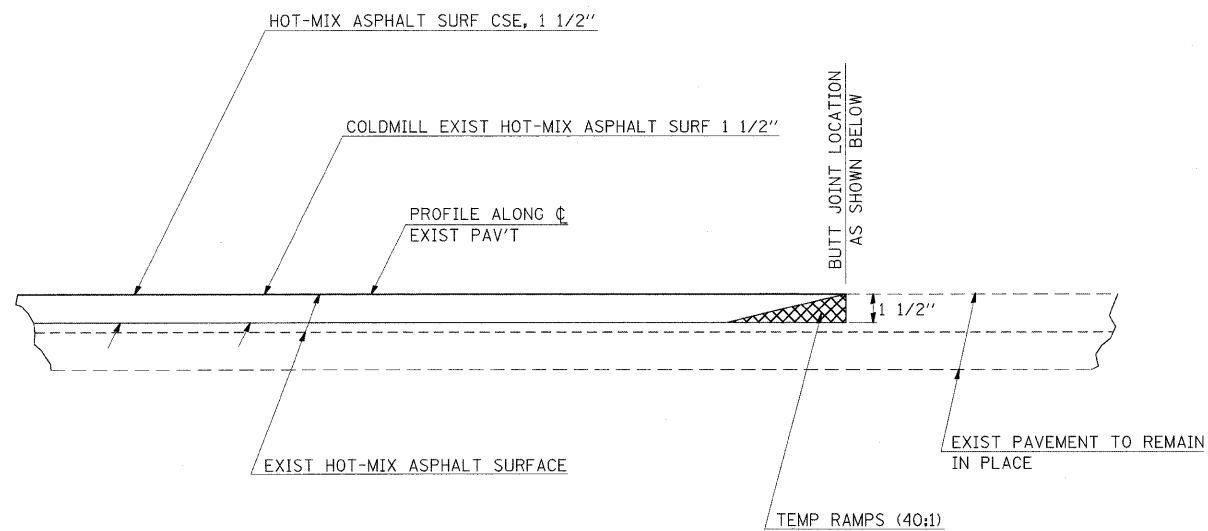
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1DR-1,RS-2,N-2,TS-3	WILLIAMSON	167	88
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

DETAIL OF TYPE III TEMPORARY TAPE



BUTT JOINT DETAIL

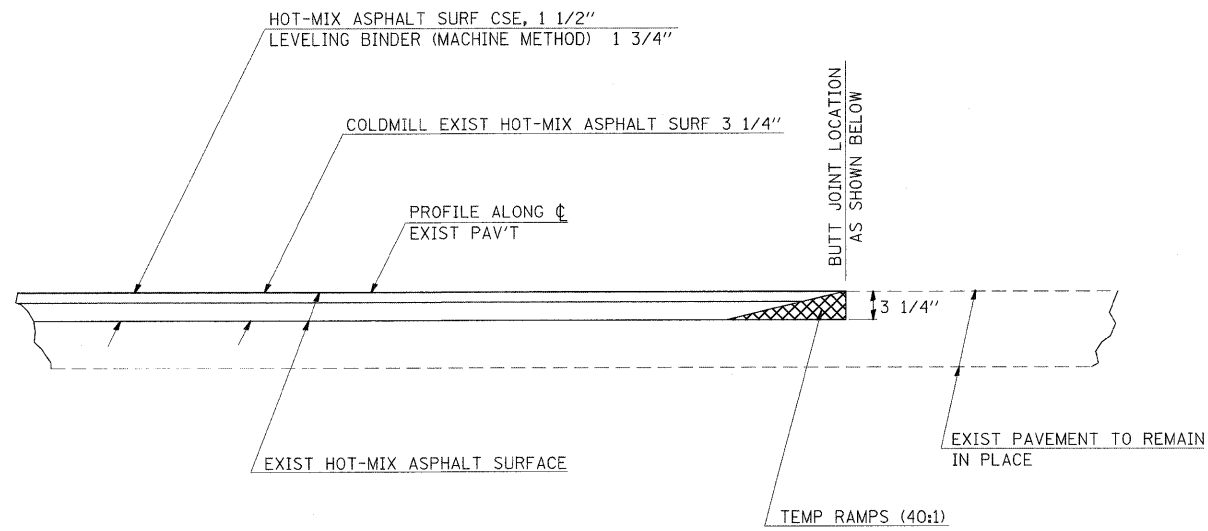


TO BE USED:
 836+64.57 RT & 839+65 RT (IL 13 MED)
 835+42.76 LT, 841+09 LT, 858+72.77 LT (IL 13 MED)

REVISIONS	
DRAWN	2-15-89
REVISED	01-09-07
REVISED	3-25-08
REVISED	

STD. 9-34

BUTT JOINT DETAIL



TO BE USED:
 844+00 RT & 858+15 RT (IL 13 MED)
 845+05 LT (IL 13 MED)
 8+34, 9+42.40, 10+42.08, & 12+60.10 (CARBON)

REVISIONS	
DRAWN	2-15-89
REVISED	01-09-07
REVISED	3-25-08
REVISED	

STD. 9-34

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -
ct:\pw_work\pwsdot\thomashf\d0157472\7815	5-sht-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/19/2011	DATE -	REVISED -

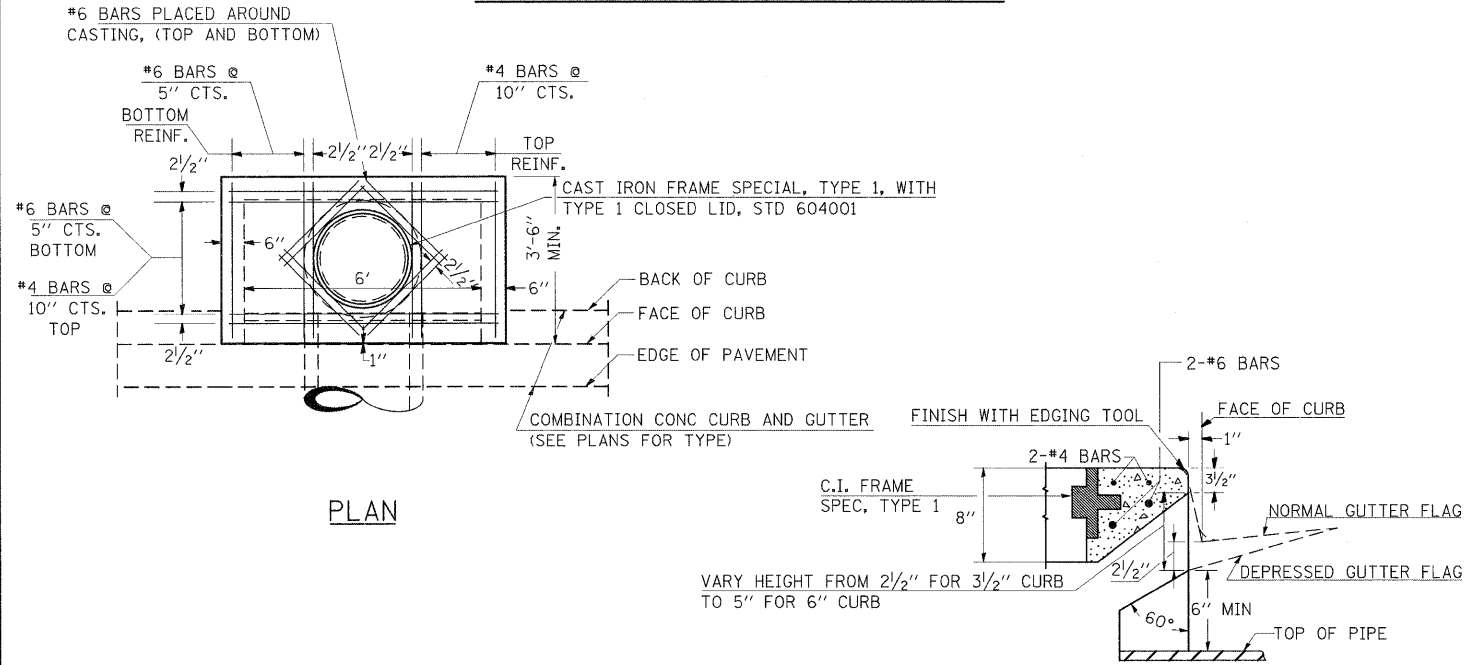
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS - BUTT JOINTS AND TY. III TEMPORARY TAPE

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

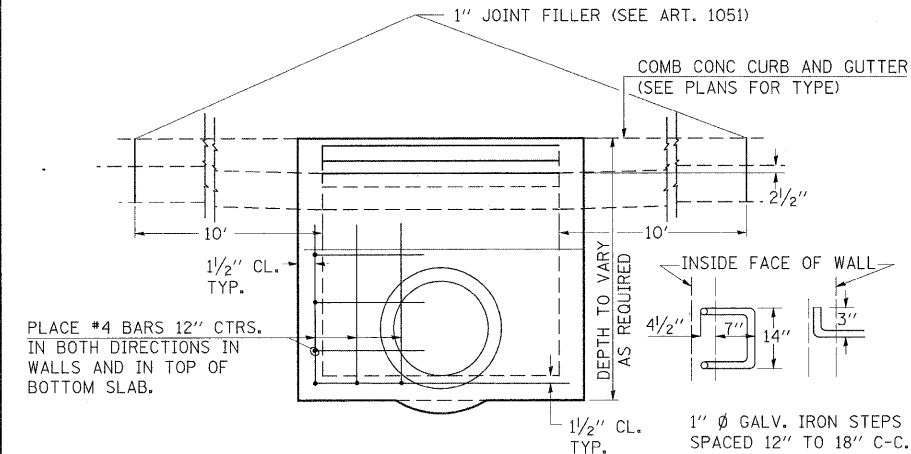
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1R-1,RS-2,N-2,TS-3	WILLIAMSON	167	89
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

DETAILS OF INLET SPECIAL



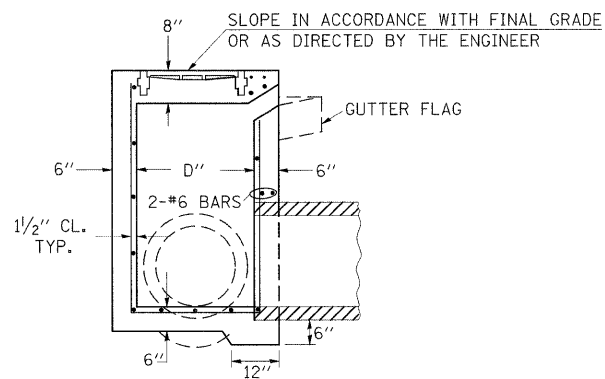
PLAN

SECTION AT WEIR



ELEVATION

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



SECTION

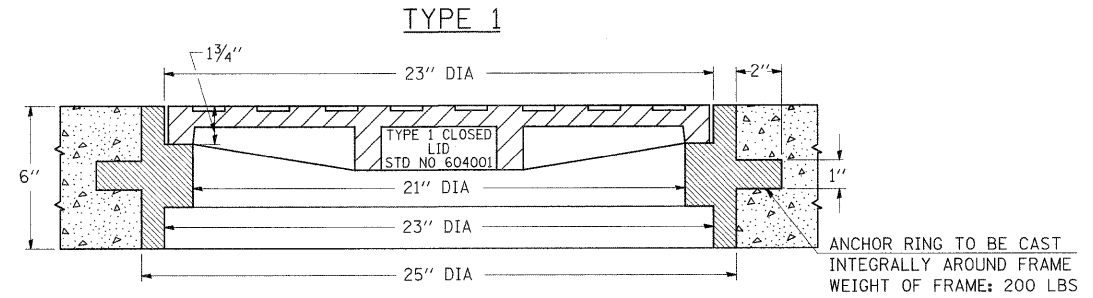
NOTE TO DESIGNER:

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

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

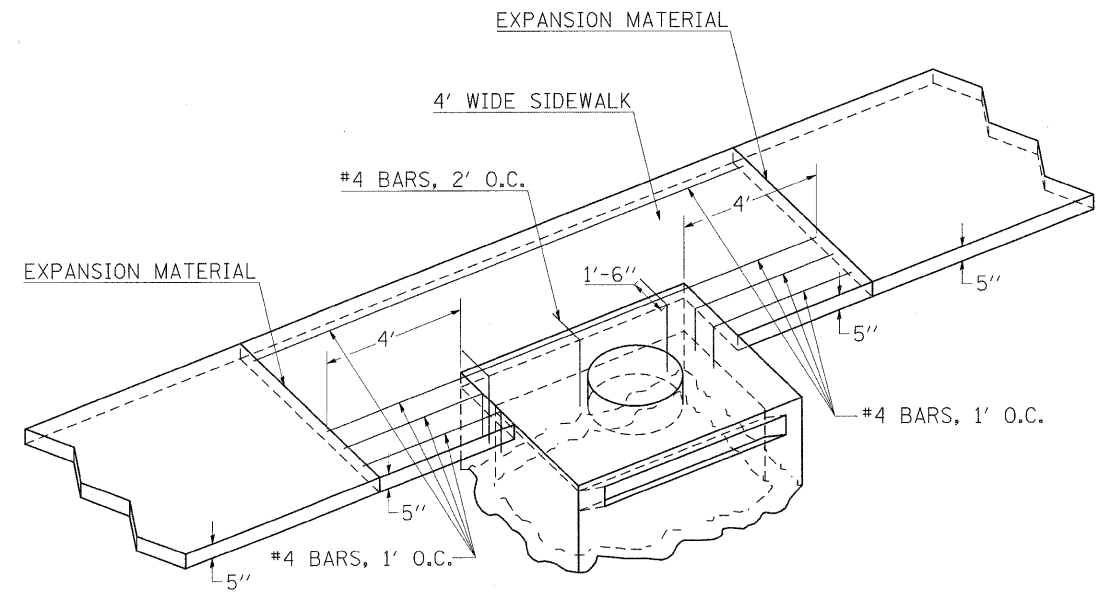
DETAILS OF CAST IRON FRAMES SPECIAL TYPE 1 WITH TYPE 1 CLOSED LID



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.

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

INLET/SIDEWALK JOINT



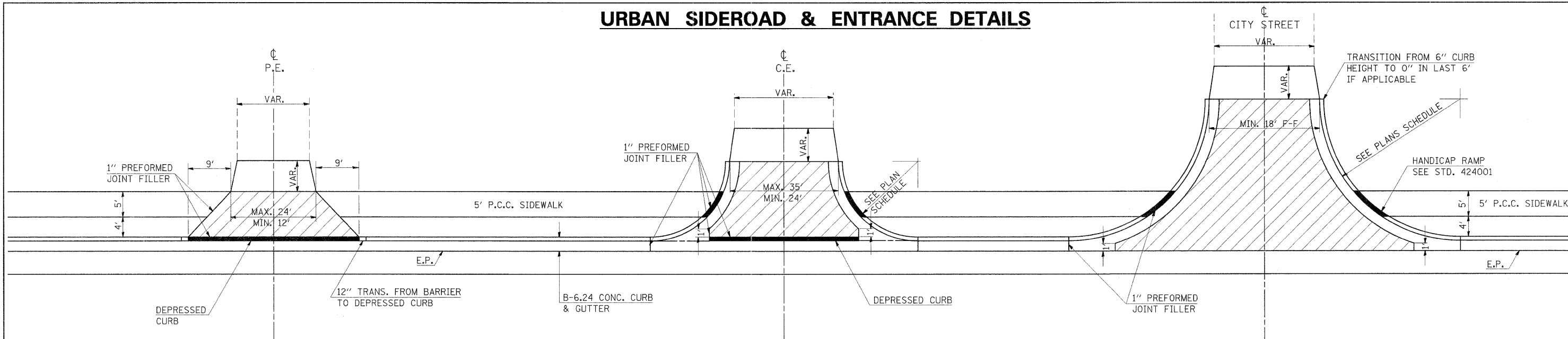
NOTES:

- PAYMENT FOR THIS WORK SHALL BE AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PCC SIDEWALK 5". NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE REBAR REINFORCEMENT.
- 5/8" HOOK BARS WITH THREADED COUPLING MAY BE USED IN LIEU OF THE #4 REBARS. (SEE STD 420001)

DRAWING NOT TO SCALE

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS - INLET/SIDEWALK JOINT, TY. 1 FRAME, AND INLET SPECIAL	F.A.P. RTE. 331	SECTION (1X-1R-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 90	
ct:\pwork\pwsdot\thomashf\d0157472\78155-sht-detais.dgn	PLOT SCALE = 50.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td> <td>SCALE:</td> <td>SHEET NO. OF SHEETS STA. TO STA.</td> <td colspan="4">ILLINOIS FED. AID PROJECT</td>	CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 4/19/2011	DATE -	REVISED -	REVISED -			CONTRACT NO. 78155					

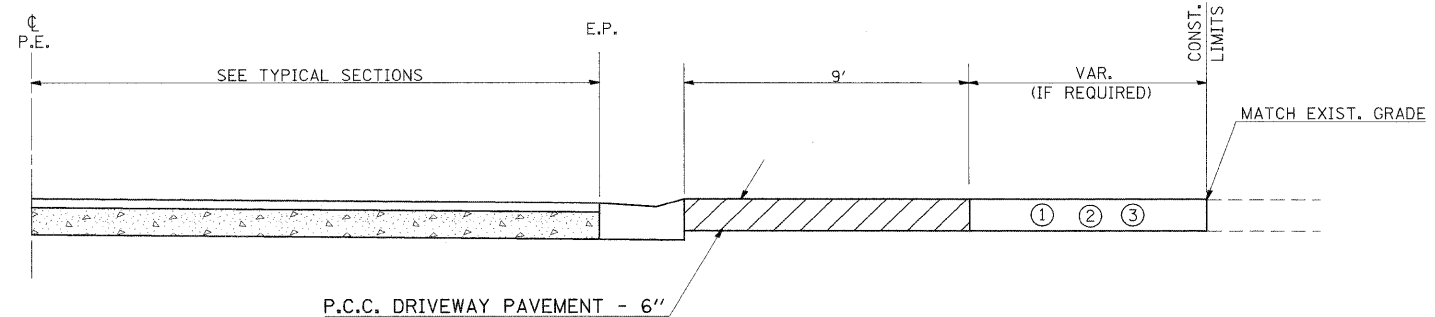
URBAN SIDEROAD & ENTRANCE DETAILS



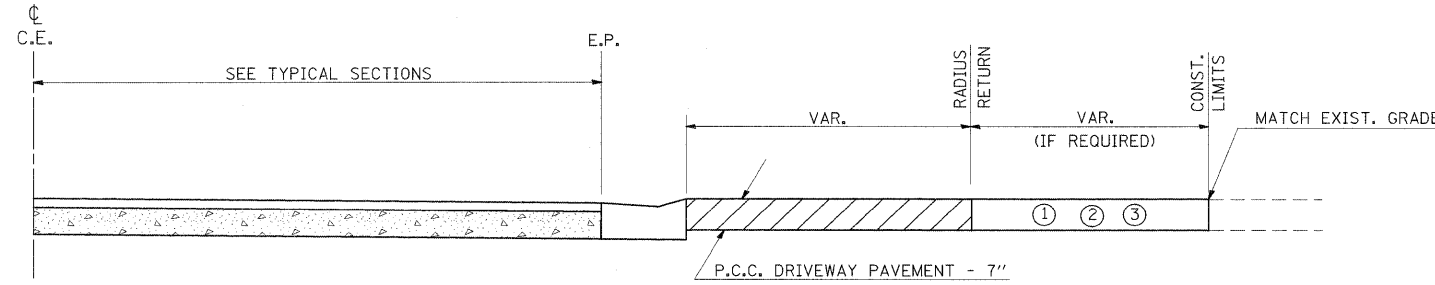
DETAILS PRIVATE ENTRANCE

DETAILS COMMERCIAL ENTRANCE

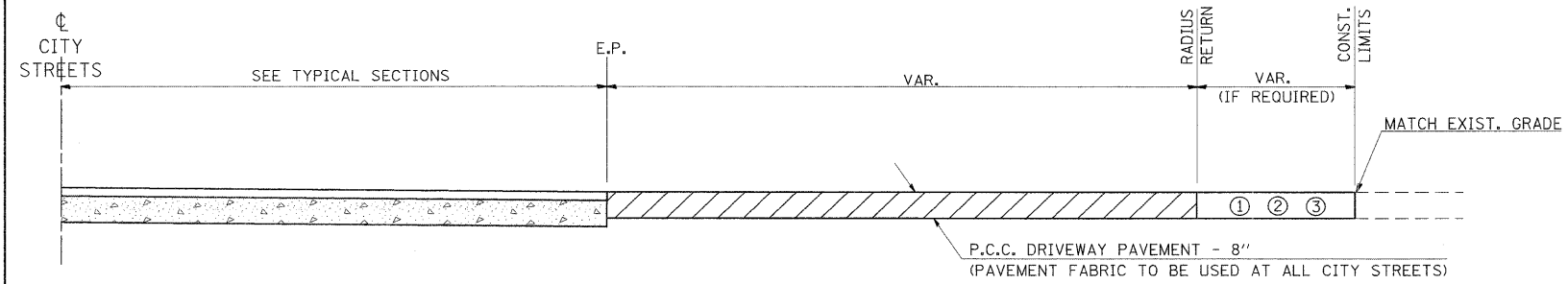
DETAILS CITY STREETS



PROFILE OF PRIVATE ENTRANCES



PROFILE OF COMMERCIAL ENTRANCES



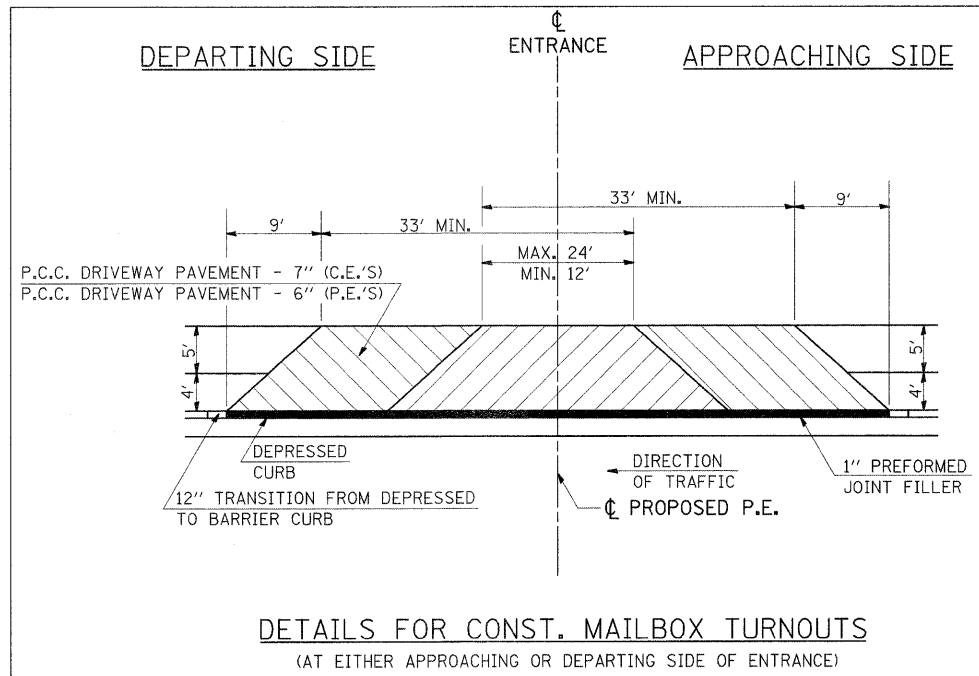
PROFILE OF CITY STREETS

GENERAL NOTES

1. SEE PLAN SCHEDULES FOR DIMENSIONS AND QUANTITIES.
2. SEE CROSS SECTIONS FOR PROPOSED PROFILE OF SIDEROAD AND ENTRANCES.
3. IN GENERAL, WIDTH TRANSITION TAPER RATES ARE TO BE 5:1 FOR ENTRANCES, AND 10:1 FOR CITY STREETS.
4. THE SAWING OF ALL JOINTS IN PCC DRIVEWAY PAVEMENT AT ALL LOCATIONS DESIGNATED BY THE ENGINEER, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PCC DRIVEWAY PAVEMENT.

LEGEND

- ① EXISTING AGGREGATE SURFACE:
CONSTRUCT AGGREGATE SURFACE CSE, TYPE A WEDGE TO MATCH EXISTING GRADE. USE 6" MIN. (8" MIN. FOR CITY STREETS) THICKNESS FOR ANY REQUIRED WIDENING.
- ② EXISTING BITUMINOUS SURFACE:
USE 2" MIN. BITUMINOUS RESURFACING ON 4" MIN. (6" MIN. FOR CITY STREETS) AGGREGATE BASE COURSE.
- ③ EXISTING CONCRETE SURFACE:
P.C.C. DRIVEWAY PAVEMENT 6" P.E.'S
P.C.C. DRIVEWAY PAVEMENT 7" C.E.'S
P.C.C. DRIVEWAY PAVEMENT 8" CITY STREETS

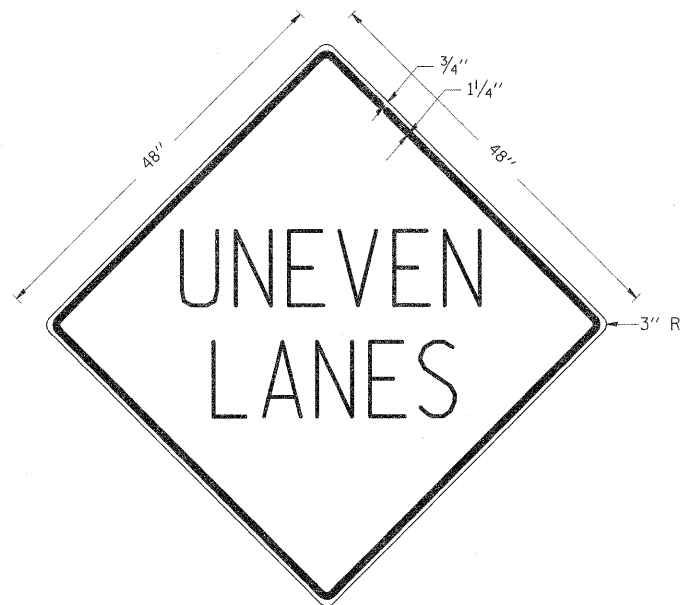


DETAILS FOR CONST. MAILBOX TURNOUTS
(AT EITHER APPROACHING OR DEPARTING SIDE OF ENTRANCE)

REVISIONS	
DRAWN	10-22-90
REVISED	9-6-91
REVISED	10-21-91
RESIZED	5-8-08

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 COLD MILLED 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.

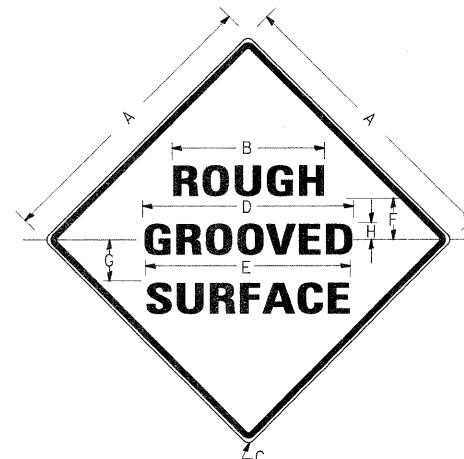
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
RESIGNED	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 COLD MILLED, 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 COLD MILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

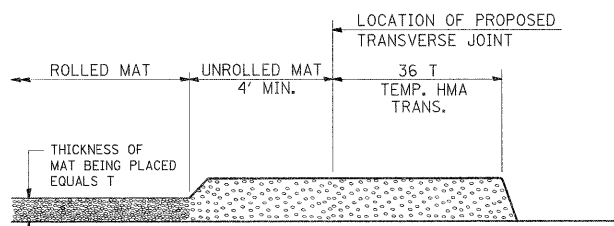
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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	

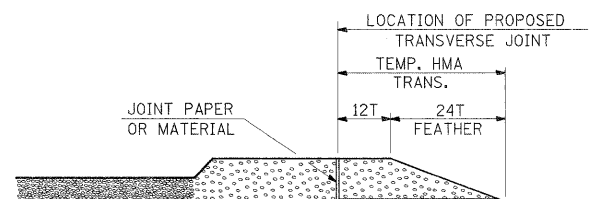
STD. 9-39

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



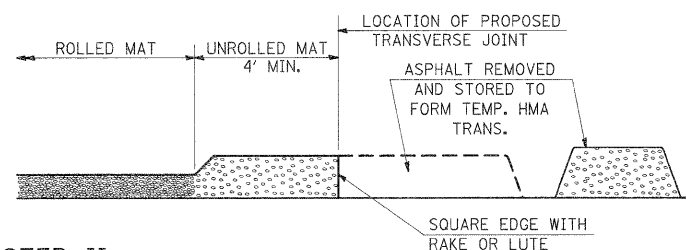
STEP I

- 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.



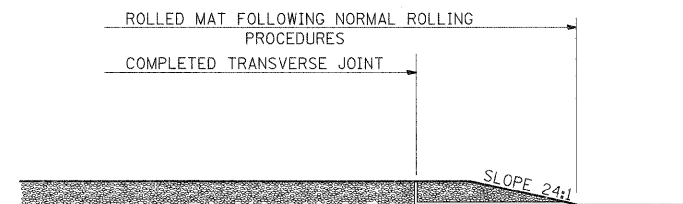
STEP III

- 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.
- NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

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



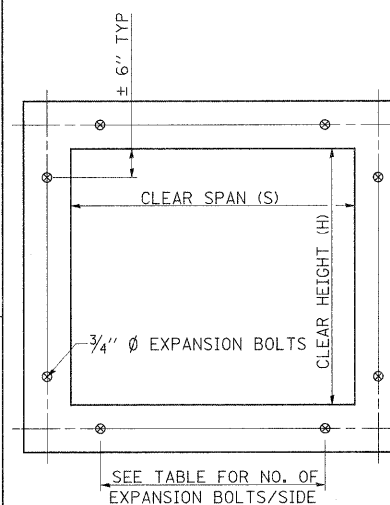
STEP IV

- COMPLETE TEMPORARY TRANSITION BY ROLLING.
- 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).
- 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

EXPANSION BOLTS REQUIRED FOR CULVERT EXTENSIONS



EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND 3/4" Ø HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.

MINIMUM CERTIFIED PROOF LOAD=7500 LBS.

BOLTS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR EXPANSION BOLTS, 3/4 INCH.

H OR S	NO. EXPANSION BOLTS REQ'D/SIDE			
	EXTENSION ≤ 15'		EXTENSION > 15'	
	NO.	SPACING	NO.	SPACING
2.0	*	*	*	*
2.5	2	18"	2	18"
3.0	2	24"	2	24"
4.0	3	18"	3	18"
5.0	4	16"	3	24"
6.0	5	15"	4	20"
7.0	5	18"	4	24"
8.0	6	17"	5	21"
9.0	6	19"	5	24"
10.0	7	18"	6	21"
11.0	8	17"	6	24"
12.0	8	19"	7	22"

* NOTE: USE MINIMUM OF 1 EXPANSION BOLT AT EACH CORNER.

EXAMPLE:

6' X 4' BOX CULVERT TO BE EXTENDED 18' AT ONE END ONLY.

FROM TABLE FIND:

6' SIDE REQUIRES (4)-3/4" Ø EXPANSION BOLTS AT 20" CENTERS

4' SIDE REQUIRES (3)-3/4" Ø EXPANSION BOLTS AT 18" CENTERS

TOTAL NO. REQUIRED (4+3)2 = (14)-3/4" Ø EXPAN. BOLTS

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

STD. 9-9

FILE NAME =
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USER NAME = knightm
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 3/22/2011

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS - UNEVEN LANES AND ROUGH GROOVED SURFACE SIGNS,
HMA TRANSITIONS, AND EXPANSION BOLTS

F.A.P. RITE. SECTION COUNTY TOTAL SHEETS SHEET NO.
331 (1X-1R-1,RS-2,N-2,TS-3) WILLIAMSON 167 92
CONTRACT NO. 78155
ILLINOIS FED. AID PROJECT

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

DETAIL OF DETECTOR LOOPS

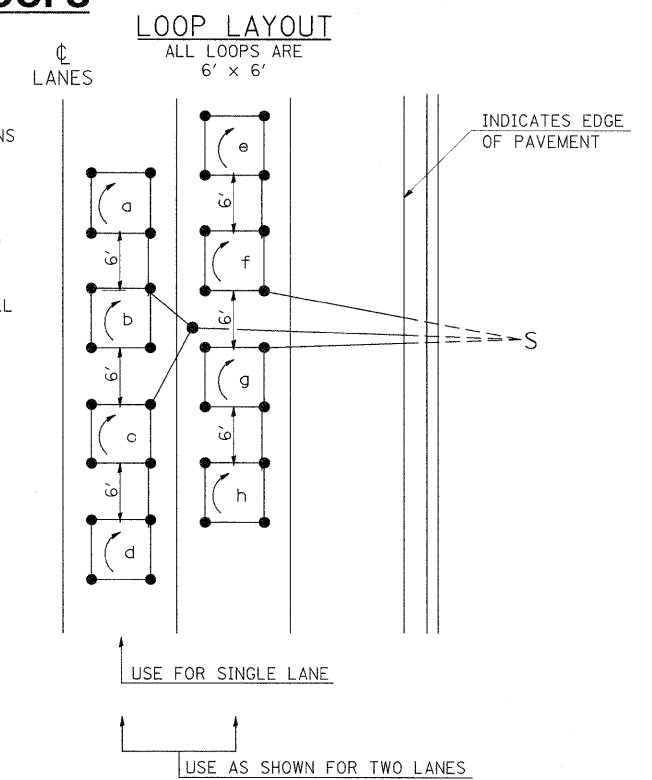
NOTES

(APPLIES TO 6' x 6' LOOPS ONLY)

1. THE DETECTOR LOOPS SHALL BE TYPE 1. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
2. BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
3. WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

LOOP LEGEND

- (C) CLOCKWISE ROTATION FOR LOOP WIRES
- S INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL

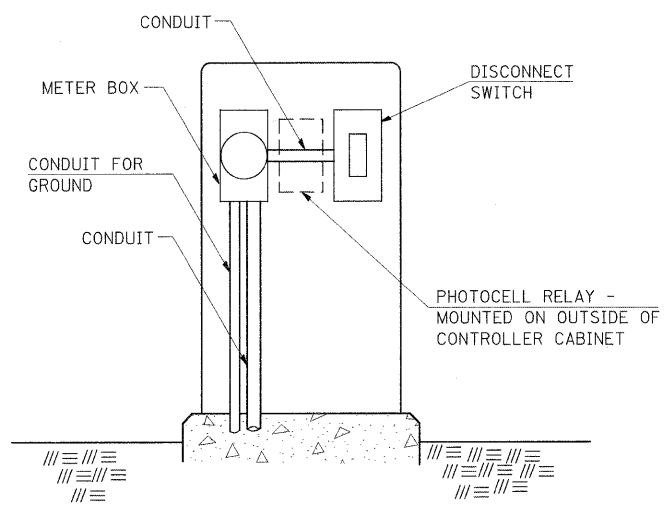


DETAIL 6' x 6' DETECTOR LOOPS

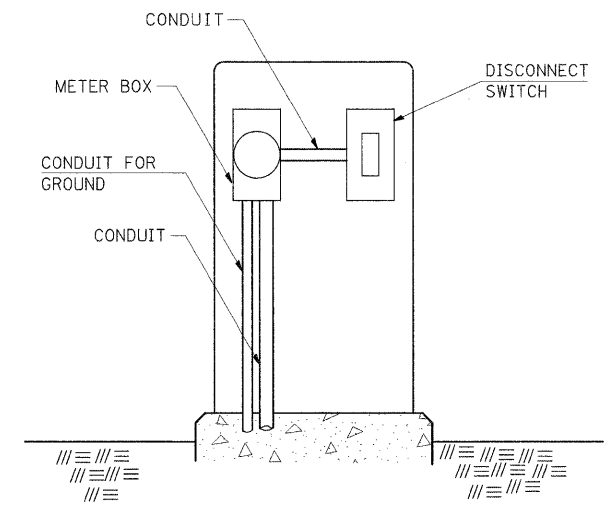
REVISIONS	
REDRAWN	5-13-02
REVISED	10-27-05
REVISED	3-26-08
REVISED	

STD. 9-92

SERVICE INSTALLATION DETAILS



SERVICE INSTALLATION (SPECIAL)
WITH PHOTOCELL RELAY



SERVICE INSTALLATION (SPECIAL)

NOTE:
MATERIAL AND SIZE OF CONDUIT
AND CABLE AS REQUIRED BY
UTILITY COMPANY

REVISIONS	
DRAWN	1-31-90
REVISED	2-24-92
RESIZED	5-7-08

STD. 9-68

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

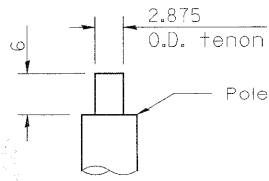
DETAILS - DETECTOR LOOPS, AND SERVICE INSTALLATION

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -
ct:\pw\work\pwidth\thomashf\d0157472\78155	5-sht-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/5/2011	DATE -	REVISED -

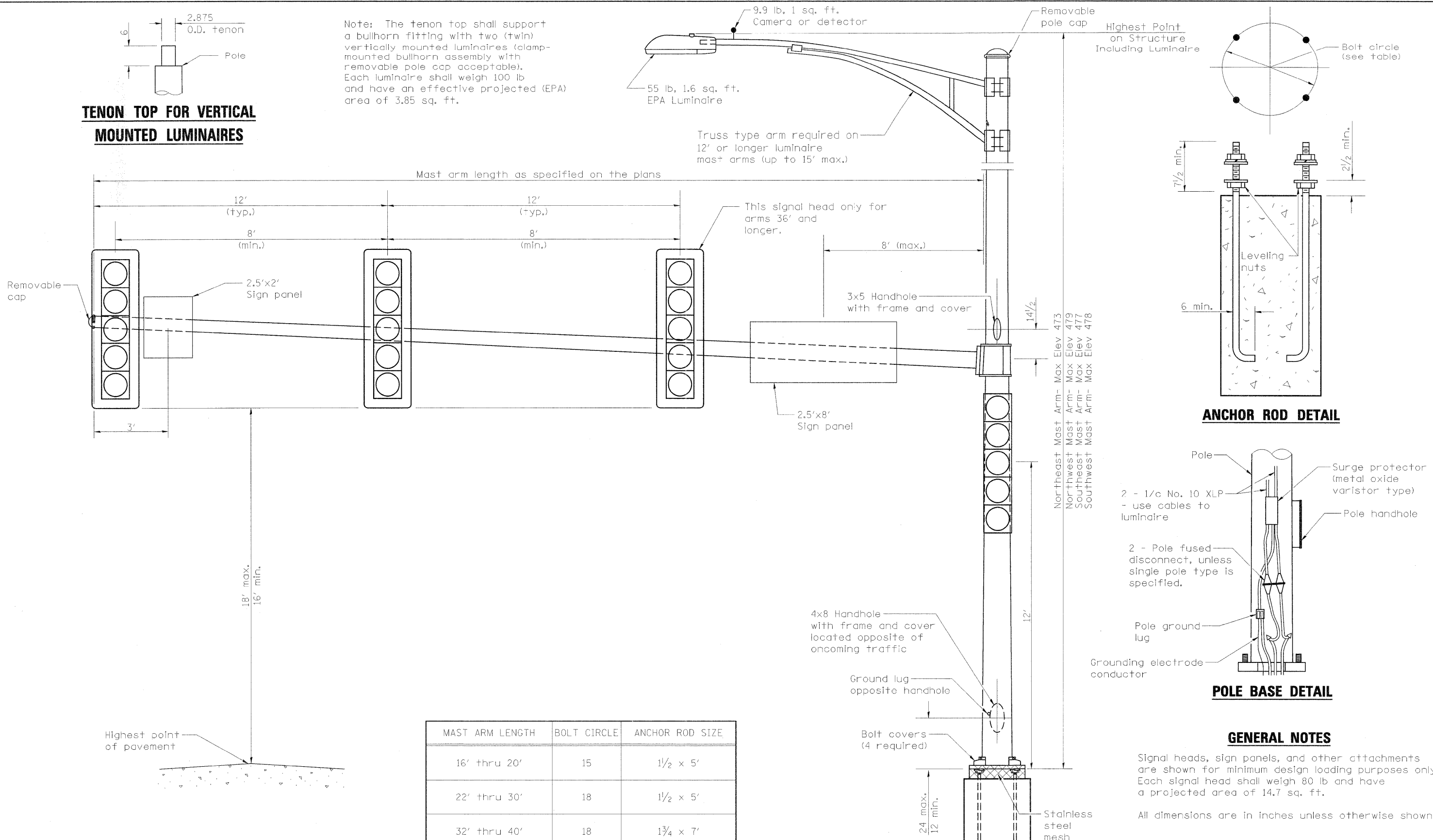
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	93
CONTRACT NO. 78155				
ILLINOIS FED. AID PROJECT				

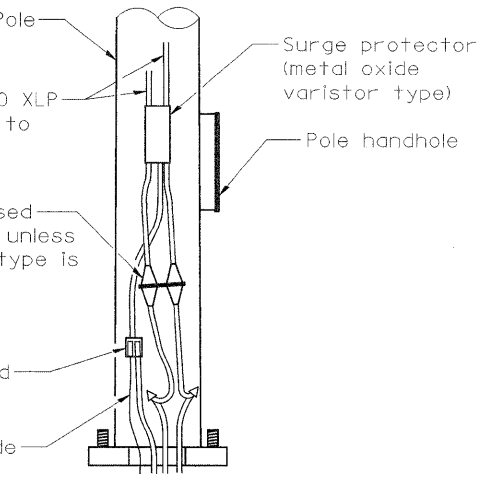
TENON TOP FOR VERTICAL MOUNTED LUMINAIRES



Note: The tenon top shall support a bullhorn fitting with two (twin) vertically mounted luminaires (clamp-mounted bullhorn assembly with removable pole cap acceptable). Each luminaire shall weigh 100 lb and have an effective projected (EPA) area of 3.85 sq. ft.



ANCHOR ROD DETAIL



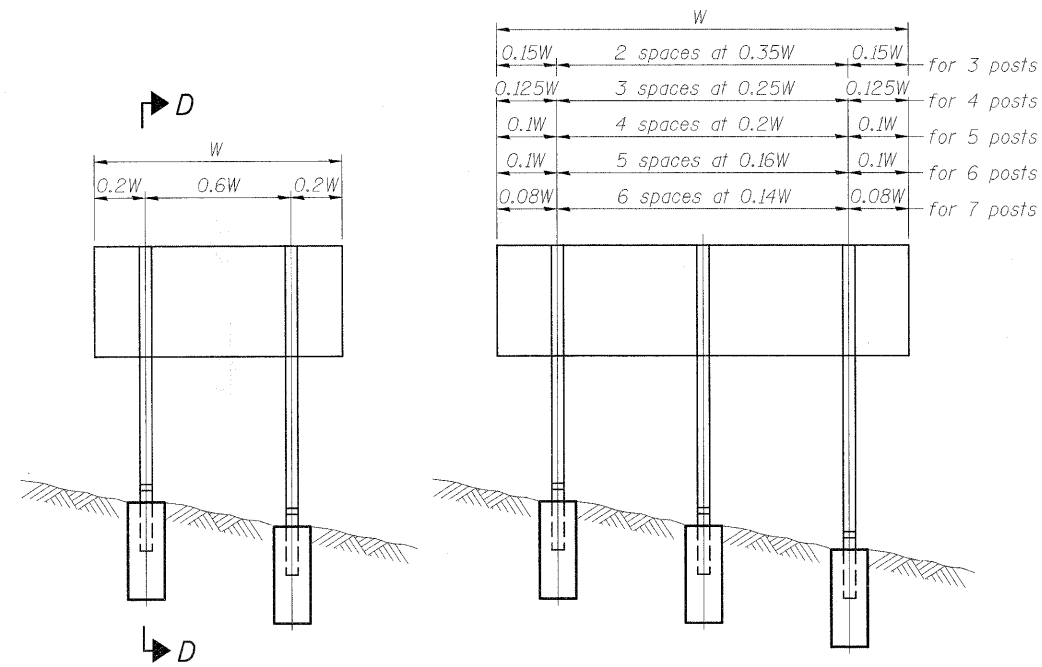
POLE BASE DETAIL

GENERAL NOTES

Signal heads, sign panels, and other attachments are shown for minimum design loading purposes only. Each signal head shall weigh 80 lb and have a projected area of 14.7 sq. ft.
All dimensions are in inches unless otherwise shown.

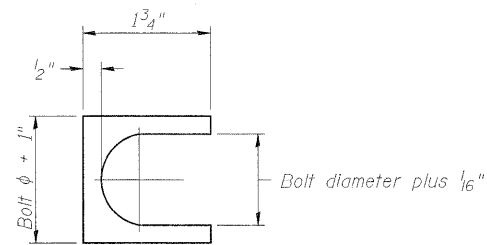
MAST ARM LENGTH	BOLT CIRCLE	ANCHOR ROD SIZE
16' thru 20'	15	1/2 x 5'
22' thru 30'	18	1/2 x 5'
32' thru 40'	18	3/4 x 7'
42' thru 55'	21	3/4 x 7'

STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'



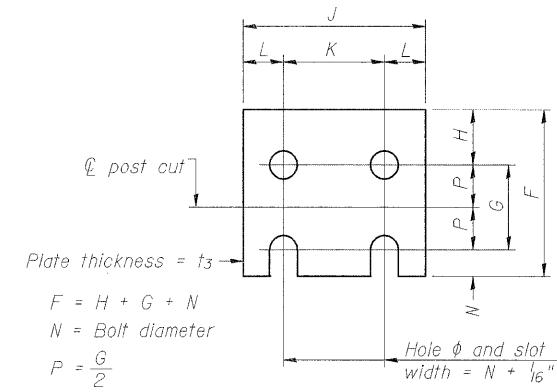
ELEVATION

0.15W	2 spaces at 0.35W	0.15W	for 3 posts
0.125W	3 spaces at 0.25W	0.125W	for 4 posts
0.1W	4 spaces at 0.2W	0.1W	for 5 posts
0.1W	5 spaces at 0.16W	0.1W	for 6 posts
0.08W	6 spaces at 0.14W	0.08W	for 7 posts



SHIM DETAIL

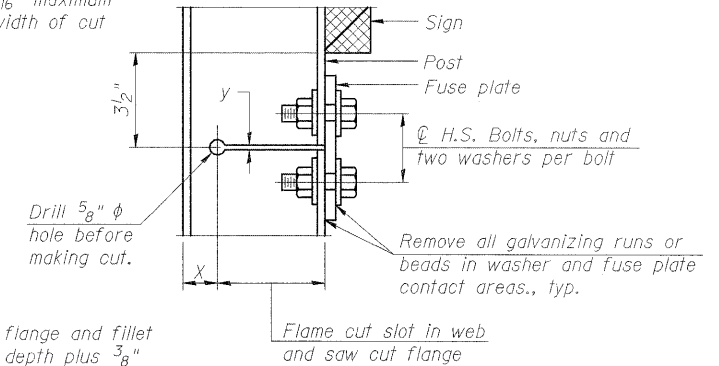
Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.



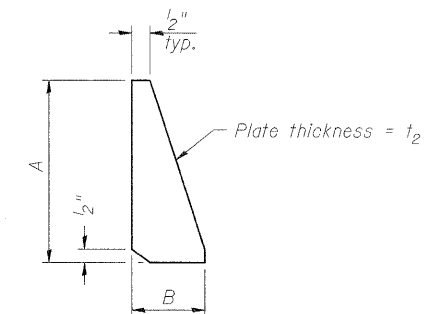
FUSE PLATE DETAIL
(Install with notches down.)

FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"

y = 3/16" maximum width of cut



DETAIL H



STIFFENER PLATE DETAIL
Diameter

GENERAL NOTES

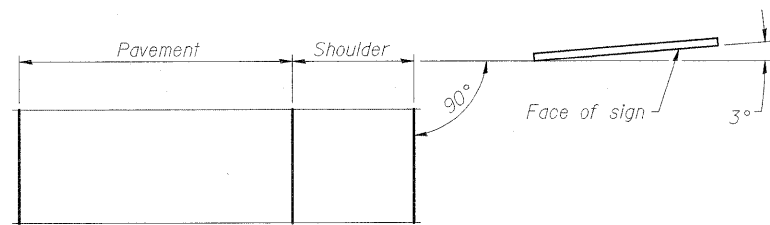
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

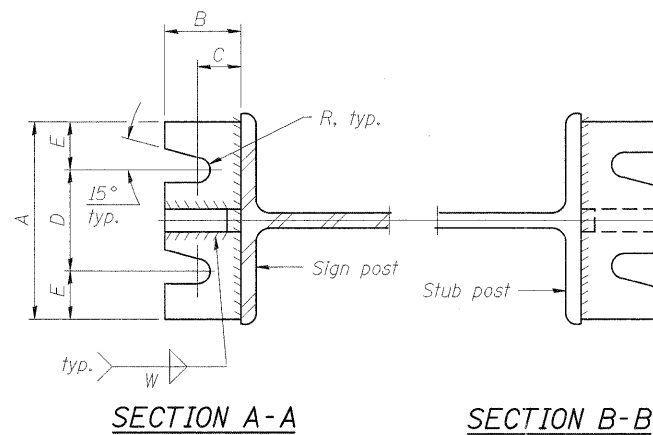
DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

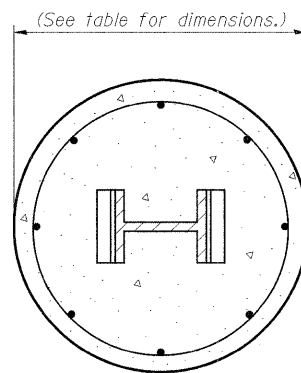


LOCATION SKETCH

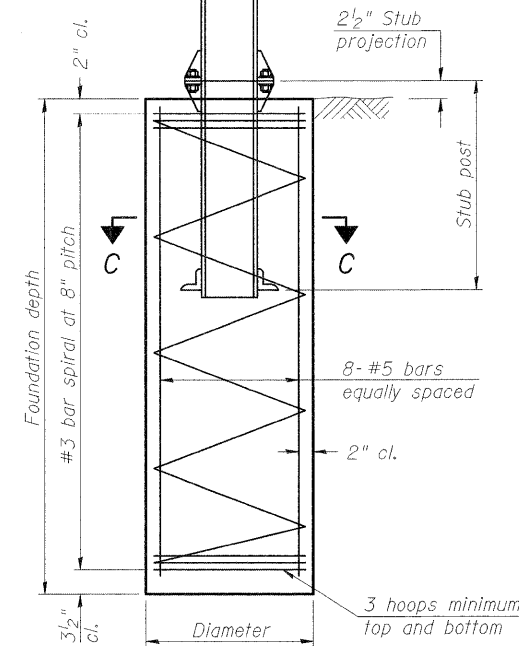


SECTION A-A

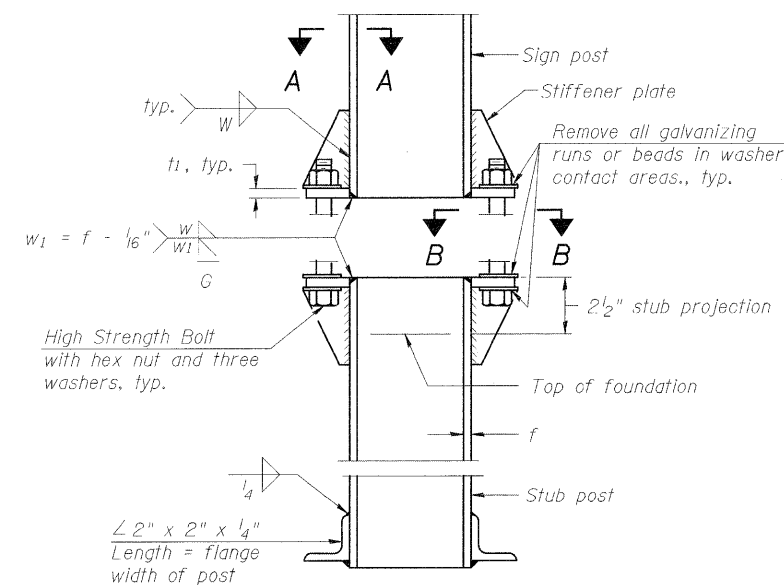
SECTION B-B



SECTION C-C



SECTION D-D



ELEVATION SIGN POST & STUB POST

BAW-A-1

1-20-11

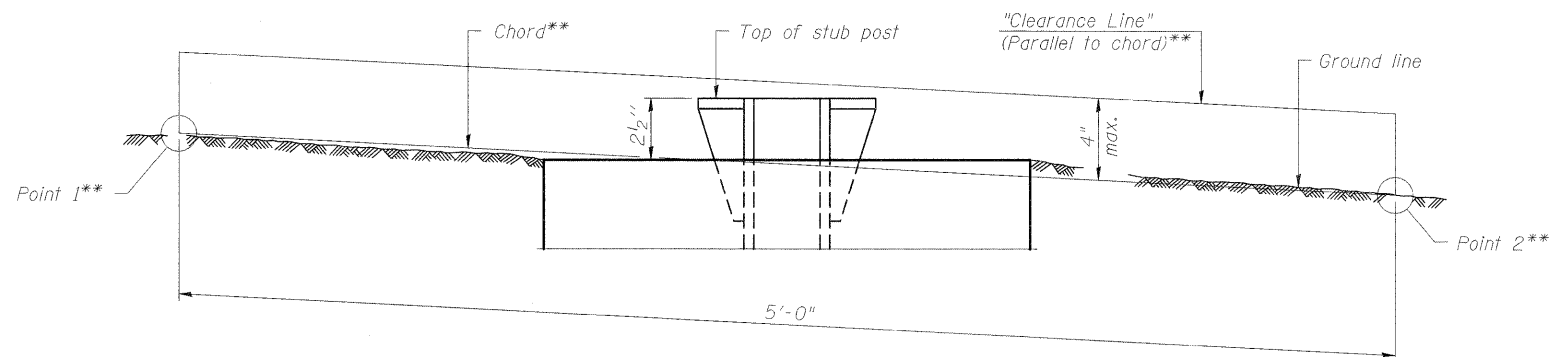
(Sheet 1 of 2)

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\pwidot\thomashf\d0157472\7815	5-sht-details.dgn	DRAWN -	REVISED -			331	(1X-1R-1,RS-2,N-2,TS-3)	WILLIAMSON	167	95	
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78155					
PLOT DATE = 5/5/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.						

POST	CONCRETE FOUNDATION TABLE								POST TO STUB POST CONNECTION DATA								FUSE PLATE DATA					
	Foundation			Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t ₁	t ₂	R	W	J	K	L	t ₃	
	Diameter	* Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length																lbs. (2)
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	11/32"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	11/32"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	13/32"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	13/32"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																					
	Sign Height																					
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	---	---	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	---	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



**ELEVATION
GROUND LINE & STUB POST**

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

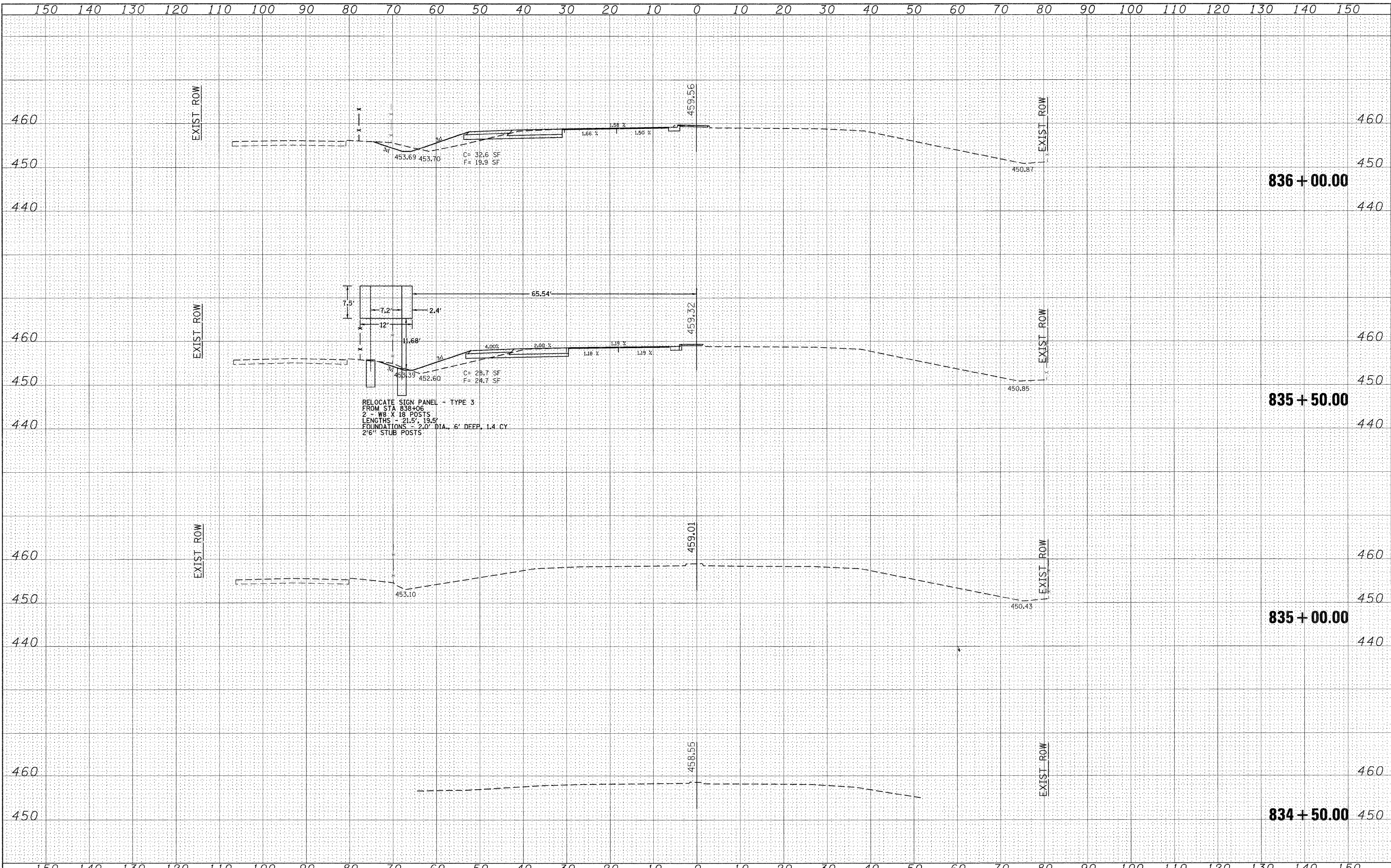
- (1) Quantity includes all concrete necessary for one foundation.
- (2) Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

1-20-11

(Sheet 2 of 2)

FILE NAME =	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BREAK-AWAY WIDE FLANGE STEEL SIGN POST TABLES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pw\work\pwidth\thomashf\d0157472\7815	5-shft-deta1.dgn	DRAWN -	REVISED -			331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	96
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
PLOT DATE = 5/5/2011	DATE -	REVISED -								



DATE	
BY	
FINAL SURVEY	
NOTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

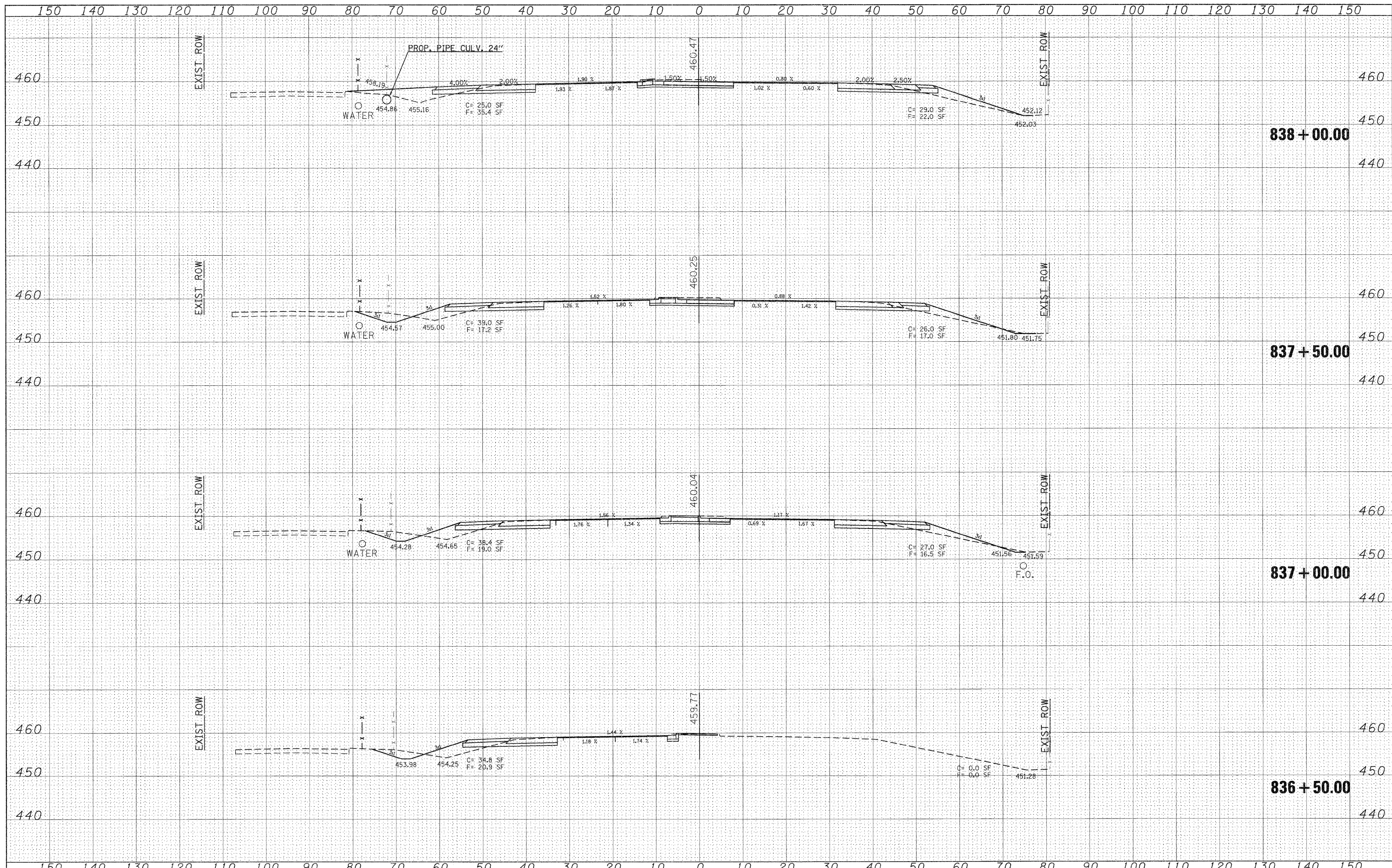
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

RELOCATE SIGN PANEL - TYPE 3
 FROM STA 838+06
 2 - W8 X 18 POSTS
 LENGTHS - 21.5', 19.5'
 FOUNDATIONS - 2.0' DIA., 6' DEEP, 1.4 CY
 2 1/2" STUB POSTS

FILE NAME -	USER NAME - thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 CROSS SECTIONS				F.A.P. RTE. 331	SECTION (1X-1JR-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 97
c:\pw\work\pwwork\thomashf\00157472\78155-sh13.dgn		DRAWN -	REVISED -		SCALE: 1"=10'	SHEET NO. OF SHEETS	STA. 834+50.00 TO STA. 836+00.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 78155			
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -										
PLOT DATE = 4/20/2011		DATE -	REVISED -										

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

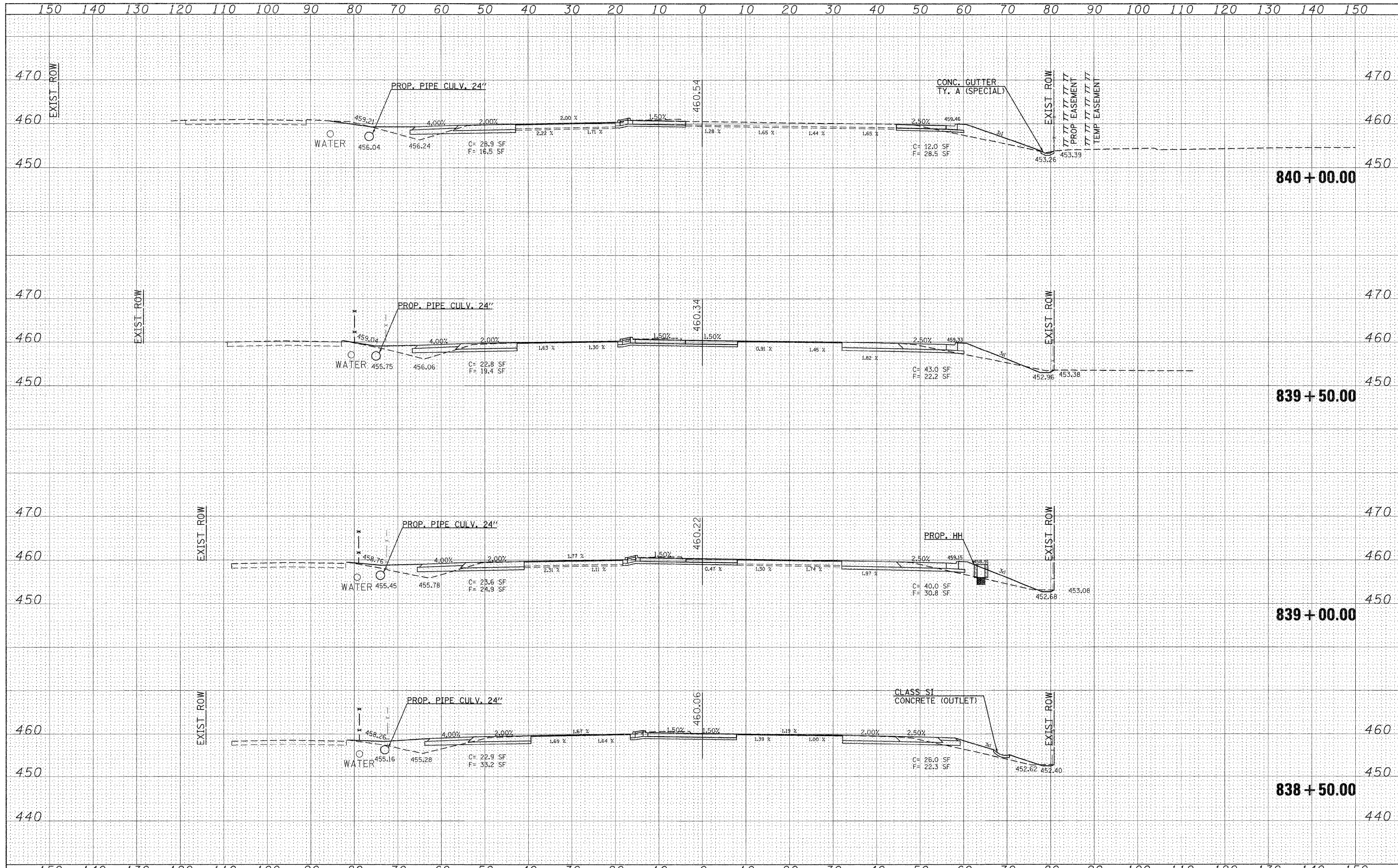
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			



FILE NAME =	USER NAME = knightsam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 CROSS SECTIONS			F.A.P. RTE. 331	SECTION (1X-1R-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 98	
CONTRACT NO. 78155	SCALE: 1"=10'	SHEET NO.	OF SHEETS		STA. 836+50.00 TO STA. 838+00.00	ILLINOIS FED. AID PROJECT							
PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -	REVISED -										
PLOT DATE = 3/21/2011	DATE -	REVISED -	REVISED -										

DATE: _____ BY: _____
 FINAL SURVEY PLOTTED DATE: _____
 NOTE BOOK NO. _____
 AREAS CHECKED: _____

DATE: _____ BY: _____
 ORIGINAL SURVEY PLOTTED DATE: _____
 NOTE BOOK NO. _____
 AREAS CHECKED: _____



FILE NAME = et:\pw\work\pwwork\knightam\d0157472\78155-sht-13.dgn
 USER NAME = knightam
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 3/21/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
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 REVISED -

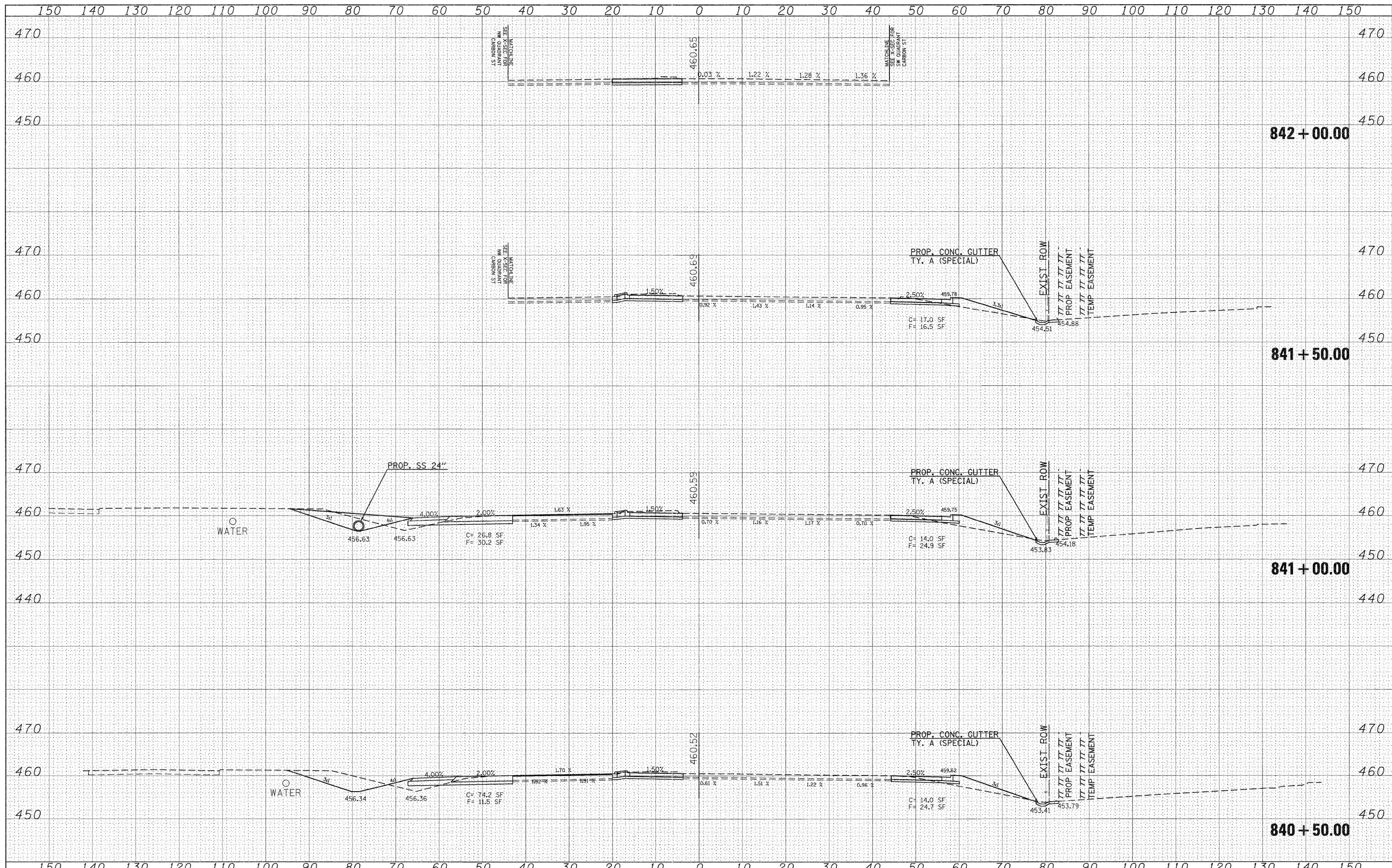
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 13
 CROSS SECTIONS**
 SCALE: 1"=10'
 SHEET NO. OF SHEETS STA. 838+50.00 TO STA. 840+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)R-1,RS-2,N-2,TS-3	WILLIAMSON	167	99
			CONTRACT NO. 78155	
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
NOTED	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTED	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = knightsm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 CROSS SECTIONS			F.A.P. RTE. 331	SECTION (IX-1R-1,RS-2,N-2,TS-3)	COUNTY WILLIAMSON	TOTAL SHEETS 167	SHEET NO. 100
c:\pwork\pwork\knightsm\d0157472\78155-sht-13.dgn		DRAWN -	REVISED -		SCALE: 1"=10'	SHEET NO.	OF SHEETS	STA. 840+50.00 TO STA. 842+00.00	CONTRACT NO. 78155			
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									