

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 331 (ILLINOIS 13)
SECTION (1X-1)N-1,TS-2
PROJECT: HSIP-0331(049)
INTERSECTION IMPROVEMENT
WILLIAMSON COUNTY
C-99-037-08

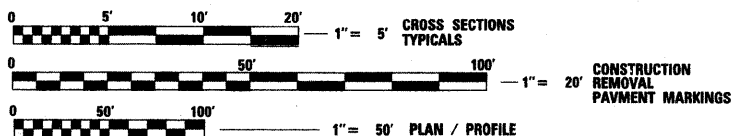
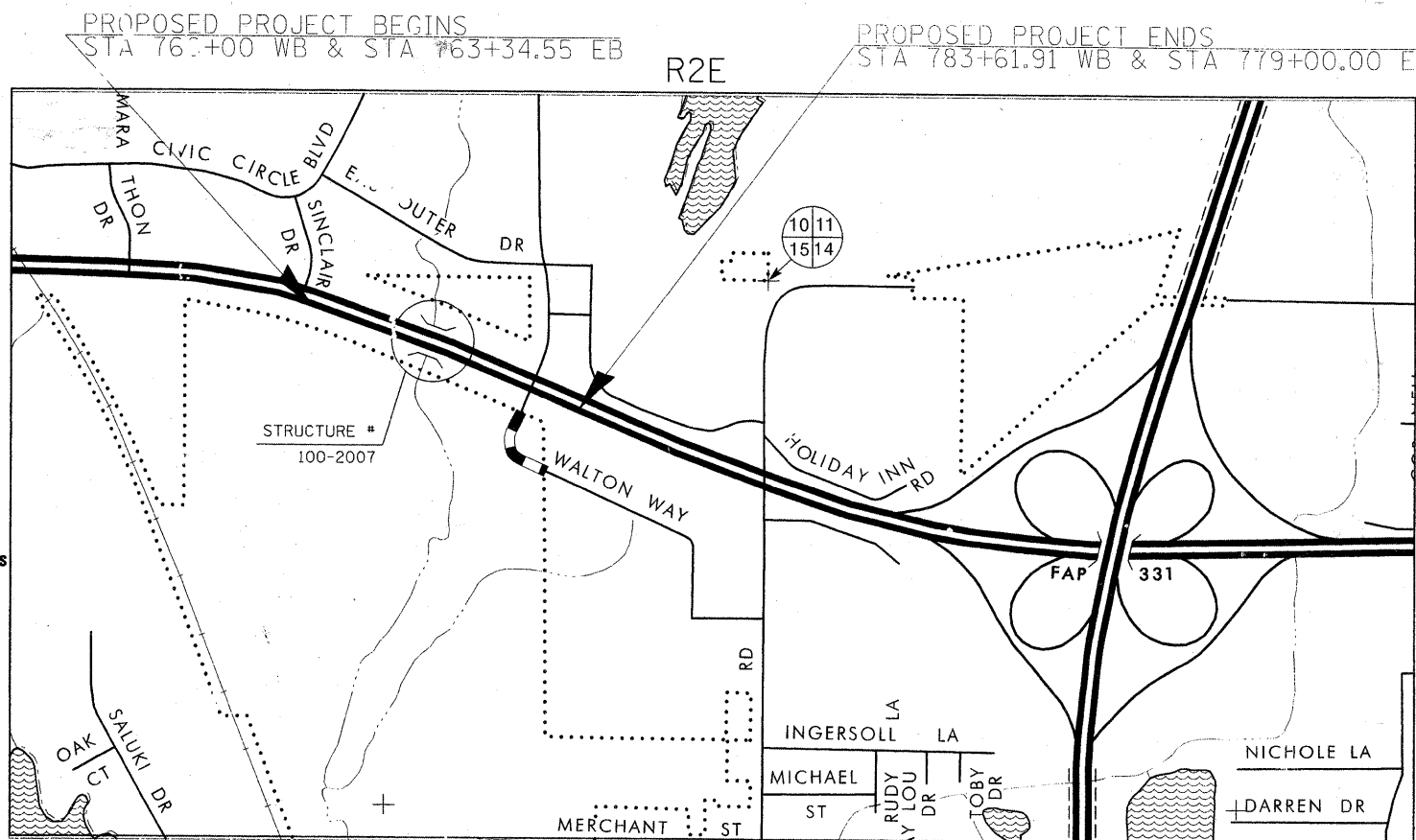
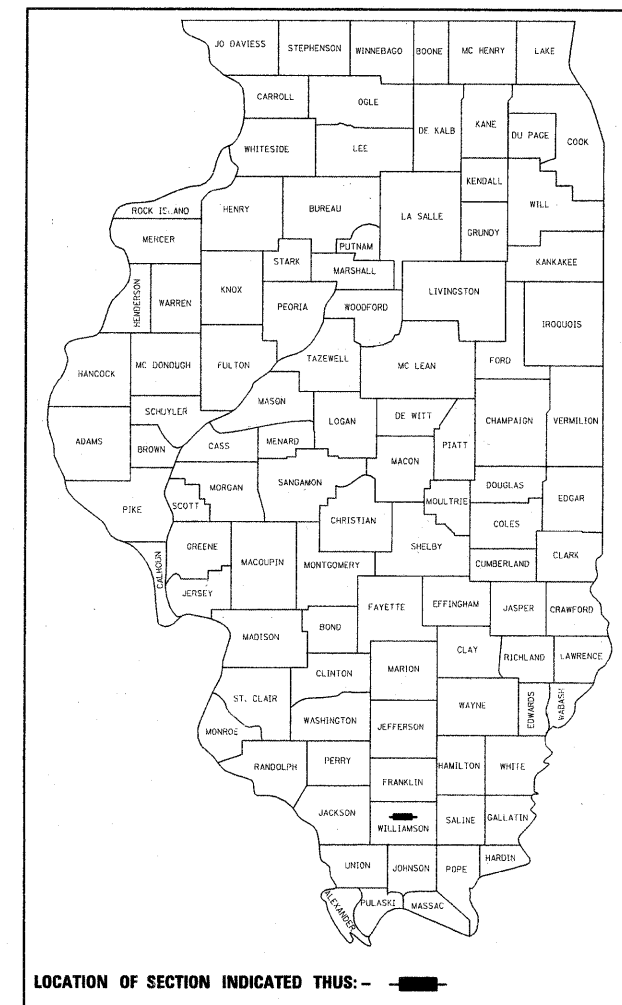
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)N-1,TS-2	WILLIAMSON	190	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 78053		

★ 190 + 2 = 192

D-99-024-08

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-6

APPROACH	ADT(2009)	% TRUCK
WILLIAMSON CO. PARK N OF IL 13	11,100	2.3%
IL 13 E OF WALTON WAY	29,800	5.7%
WALTON WAY S OF IL 13	5,200	3.3%
IL 13 W OF WALTON WAY	29,800	5.7%



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 CHRIS RUSSELL
PROJECT MANAGER SUSAN POE

GROSS LENGTH = 1565.45 FT. = 0.296 MILE
NET LENGTH = 1565.45 FT. = 0.296 MILE

CONTRACT NO. 78053

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 21, 2009
Max C. Ramo
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

August 14, 2009
Charles G. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

August 14, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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* 106A & B	CONTROL INSTALLATION SERVICE POLE MOUNTED & LIGHT POLE FOUNDATION

STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-02	PC CONCRETE ISLANDS AND MEDIANS
606401-01	PAVED DITCH
665001-01	WOVEN WIRE FENCE
701101-01	OFF-ROAD OPERATION, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATION, MULTILANE, MORE THAN 15' AWAY
701422-01	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTED MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
720016-01	MST ARM MOUNTED STREET NAMES SIGNS
780001-01	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATORS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-01	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-01	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-01	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
BLR 22-6	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)

701901-01

MIXTURES REQUIREMENTS

Location(s):	Hot-Mix Asphalt Surface Course (Rte. 13)
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 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	E surface

Location(s):	Hot-Mix Asphalt Surface Course (Williamson Co. Parkway and Walton Way)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix D, N105
AC/PG:	SBS PG76-22
RAP % (Max):	0
Design Air Voids:	4.0%, 105 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	D 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 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-19.0
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Binder Course (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 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-19.0
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Shoulders
AC/PG:	PG58-22
RAP % (Max):	50
Design Air Voids:	2.0%, 30 Gyraton Design
Mixture Composition: (Gradation Mixture)	HMA Shoulders
Friction Aggregate:	None

Prepared By: Joe Zdaniewicz
DISTRICT STUDIES & PLANS ENGINEER

Examined By: James Eric Eng
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keith Wiley
DISTRICT OPERATIONS ENGINEER

Examined By: Jim Smother
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce W. Pieske
DISTRICT MATERIALS ENGINEER

Examined By: Jim Smother
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Dan L. Dayton
ASSISTANT REGIONAL ENGINEER

Approved By: May C. Prami
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

DATE: April 21 2009

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
ALL AGGREGATE	2.05 TONS/CU YD
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL/SQ YD
INTERMEDIATE LIFTS (FOG COATS)	0.04 GAL/SQ YD
ON AGGREGATE SURFACE	0.32 GAL/SQ YD
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ YD
RIPRAP	1.50 TONS/CU YD
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, PAVED DITCH, CONCRETE CURB AND GUTTER AND CONCRETE MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS FOR ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS.
5. ADDITIONAL WIDTH OF GUTTER FLAG, AT LOCATIONS INDICATED ON THE PLANS, SHALL BE POURED MONOLITHICALLY WITH THE NORMAL GUTTER FLAG AND WILL NOT BE MEASURED NOR PAID FOR SEPARATELY.
6. AT ALL LOCATIONS WHERE THE PROPOSED BITUMINOUS OR CONCRETE PAVEMENT JOINS AN EXISTING BITUMINOUS 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 DEPENDENT 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 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. 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.
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 BITUMINOUS SURFACE REMOVAL, INDIVIDUAL LIFTS OF BITUMINOUS BINDER AND BITUMINOUS SURFACE, AT THE RATE OF 4 FEET IN 40 FEET.
14. 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.
15. THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
16. SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.
17. WHILE SIGNAL HEADS ARE MOUNTED IN PLACE, BUT NOT YET IN OPERATION, THEY SHALL BE SECURELY COVERED IN WHITE PLASTIC.
18. SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
19. 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.
20. 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.
21. 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.
22. CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.
23. THE FINAL LOCATION OF THE DETECTOR LOOPS, AND TRAFFIC SIGNAL FOUNDATIONS, SHALL BE APPROVED BY THE BUREAU OF OPERATIONS BEFORE INSTALLATION.
25. ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 6 FT FROM 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.
26. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
27. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATIONS ARE NOT GUARANTEED TO BE AS SHOWN IN THE PLANS.
28. 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.
29. 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.
30. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL RE-ERECT THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
31. 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.
32. STONE RIPRAP USED IN DITCHES SHOULD BE PLACED IMMEDIATELY UPON COMPLETION OF EARTHWORK AND GRADING IN ORDER TO PREVENT EROSION.
33. THE REMOVAL OF BROKEN CONCRETE IN EXISTING DITCHES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
34. PROPOSED LIGHT POLE FOUNDATIONS SHALL BE ~~INSTALLED LEVEL PER SECTION 836,~~
35. 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.
36. 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.
37. ALL STORM SEWERS SHALL BE "REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE" CONFORMING TO THE REQUIREMENTS OF ARTICLE 1040.03
38. ALL CULVERT EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 542.05 OF THE STANDARD SPECIFICATIONS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT 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 ACCORDING TO ARTICLE 109.04
39. 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 AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

COMMITMENTS

THE CITY OF MARION WILL BE CONTACTED BY THE CONTRACTOR 14 DAYS BEFORE THE CLOSURE OF EITHER LEG OF WALTON WAY/ WILLIAMSON COUNTY PARKWAY.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\pwork\PWIDOT\RUSSELLCF\dms35765\d	9_78053_j41kwtshetm32	DRAWN -	REVISED -			331	SEC. NO. 11X-1N-1, TS-2	WILLIAMSON	190	3	
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/6/2009	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES						SUMMARY OF QUANTITIES					
CODE NO.	ITEM	CONSTRUCTION TYPE CODE		1000	Y031-1F	CODE NO.	ITEM	CONSTRUCTION TYPE CODE		1000	Y031-1F
		UNIT	URBAN TOTAL QUANTITIES	ROADWAY 90% FEDERAL 10% STATE	TRAFFIC SIGNALS 90% FEDERAL 10% STATE			UNIT	URBAN TOTAL QUANTITIES	ROADWAY 90% FEDERAL 10% STATE	TRAFFIC SIGNALS 90% FEDERAL 10% STATE
X0300737	RADIO TRANSCEIVER	EACH	1		1	40600300	AGGREGATE (PRIME COAT)	TON	62	62	
X0321156	HIGH VISIBILITY TEMPORARY FENCE	FOOT	250	250		40600990	TEMPORARY RAMP	SQ YD	206.5	206.5	
X0323644	PAVEMENT MARKING GROOVING	FOOT	4138	4138		40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	5329	5329	
X0324546	MANHOLE, SPECIAL, FRAME AND LID	EACH	2	2		40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	1523	1523	
X0325605	PAVEMENT MARKING GROOVING	SO FT	1108	1108		40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	611	611	
X0325702	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	1							
XX003503	FLARED END SECTION REMOVAL	EACH	2	2		40603575	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	1344	1344	
XX003949	CONSTRUCTION STAKING	LSUM	1	1		42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	4784	4784	
Z0017202	DOWEL BARS 1 1/2"	EACH	120	120		42001300	PROTECTIVE COAT	SQ YD	7319	7319	
20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	UNIT	65	65		44000100	PAVEMENT REMOVAL	SQ YD	5759	5759	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	161	161		44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	13951	13951	
20200100	EARTH EXCAVATION	CU YD	7755	7755		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1512	1512	
20400100	BORROW EXCAVATION	CU YD	17835	17835		44003100	MEDIAN REMOVAL	SQ FT	7615	7615	
20800150	TRENCH BACKFILL	CU YD	205	205		44004000	PAVED DITCH REMOVAL	FOOT	991	991	
25000115	SEEDING, CLASS 1 B	ACRE	5.2	5.2		44004250	PAVED SHOULDER REMOVAL	SQ YD	2678	2678	
25000350	SEEDING, CLASS 7	ACRE	5.2	5.2		44201023	CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	72	72	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	624	624		44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	117	117	
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	624	624		44213200	SAW CUTS	FOOT	330	330	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	624	624		44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4204	4204	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	10.4	10.4		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1247	1247	
25100115	MULCH, METHOD 2	ACRE	20.8	20.8		48203056	HOT-MIX ASPHALT SHOULDERS, 14 3/4"	SQ YD	2603	2603	
25100630	EROSION CONTROL BLANKET	SQ YD	915	915		50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1560	1560		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	33190	33190	
28000300	TEMPORARY DITCH CHECKS	EACH	26	26		51500100	NAME PLATES	EACH	1	1	
28000400	PERIMETER EROSION BARRIER	FOOT	907	907		54002020	EXPANSION BOLTS 3/4 INCH	EACH	76	76	
28000500	INLET AND PIPE PROTECTION	EACH	4	4		54003000	CONCRETE BOX CULVERTS	CU YD	215.2	215.2	
28100107	STONE RIP-RAP, CLASS A4	SQ YD	202	202		54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1	
28200200	FILTER FABRIC	SQ YD	202	202		54248510	CONCRETE COLLAR	CU YD	0.94	0.94	
31100500	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	5004	5004		550A0050	STORM SEWER, CLASS A, TYPE 1 12"	FOOT	4	4	
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	12973	12973		550A0070	STORM SEWER, CLASS A, TYPE 1 15"	FOOT	18	18	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3718	3718							

* Specialty Items

Rev.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pv_work\PW\DOT\RUSSELLCF\dms43738\dms43738_78053.shs.tjpcal.dgn		DRAWN -	REVISED -			331	SEC. 1 (IX-1)N-1, TS-2	WILLIAMSON	190	4	
PLOT SCALE = 48.00' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78053					
PLOT DATE = 6/1/2009		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES						SUMMARY OF QUANTITIES							
CODE NO.	ITEM	CONSTRUCTION TYPE CODE		1000		Y031-1F	CODE NO.	ITEM	CONSTRUCTION TYPE CODE		1000		Y031-1F
		UNIT	URBAN TOTAL QUANTITIES	ROADWAY 90% FEDERAL 10% STATE	TRAFFIC SIGNALS 90% FEDERAL 10% STATE				UNIT	URBAN TOTAL QUANTITIES	ROADWAY 90% FEDERAL 10% STATE	TRAFFIC SIGNALS 90% FEDERAL 10% STATE	
550A0090	STORM SEWER, CLASS A, TYPE 1 18"	FOOT	148	148			* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	876	876		
550A0160	STORM SEWER, CLASS A, TYPE 1 36"	FOOT	19	19			* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	15257	15257		
550A0180	STORM SEWER, CLASS A, TYPE 1 42"	FOOT	65	65			* 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	793	793		
55034500	STORM SEWER, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38, RISE 24	FOOT	186	186			* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	300	300		
60229200	MANHOLE, SPECIAL, TYPE 3	EACH	1	1			78300100	PAVEMENT MARKING REMOVAL	SO FT	1252	1252		
60243500	INLETS, SPECIAL, TYPE 3, 6'	EACH	2	2			78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	80	80		
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1	1			80300100	LOCATING UNDERGROUND CABLE	FOOT	129		129	
60500060	REMOVING INLETS	EACH	2	2			80500105	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1		1	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1493	1493			81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	690		690	
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	313	313			81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	108		108	
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	287	287			81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	88		88	
60614600	PAVED DITCH (SPECIAL)	FOOT	294	294			81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	70		70	
60616120	PAVED DITCH, TYPE A-37	FOOT	522	522			81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	54		54	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	2535	2535			81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	123		123	
60622323	CONCRETE MEDIAN, TYPE SM-4.24 (SPECIAL)	SO FT	2456	2456			81021550	CONDUIT, AUGERED 2" DIA., PVC	FOOT	85		85	
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	1086	1086			* 81021560	CONDUIT, AUGERED 2 1/2" DIA., PVC	FOOT	152		152	
67100100	MOBILIZATION	LSUM	1	1			81021570	CONDUIT, AUGERED 3" DIA., PVC	FOOT	30		30	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4			81021580	CONDUIT, AUGERED 3 1/2" DIA., PVC	FOOT	236		236	
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			81021590	CONDUIT, AUGERED 4" DIA., PVC	FOOT	169		169	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	47	47			81400100	HANDHOLE	EACH	16		16	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12			81500100	GULFBOX JUNCTION	EACH	4		4	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2300	2300			81603010	UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	152		152	
70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SO FT	821	821			81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1285		1285	
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	15484	15484			82104000	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 400 WATT	EACH	4		4	
70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	793	793			82500605	LIGHTING CONTROLLER PHOTOCCELL RELAY	EACH	1		1	
70300280	TEMPORARY PAVEMENT MARKING-LINE 24"	FOOT	252	252			81702450	ELECTRIC CABLE IN CONDUIT, 600V(XLP-TYPE USE)- 3-1/C NO. 10	FOOT	1180		1180	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	8046	8046			83600100	LIGHT POLE FOUNDATION	EACH	1		1	
* 72000100	SIGN PANEL - TYPE 1	SO FT	10		10		83800660	BREAKWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	4		4	
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	28		28		84200700	LIGHTING FOUNDATION REMOVAL	EACH	1		1	

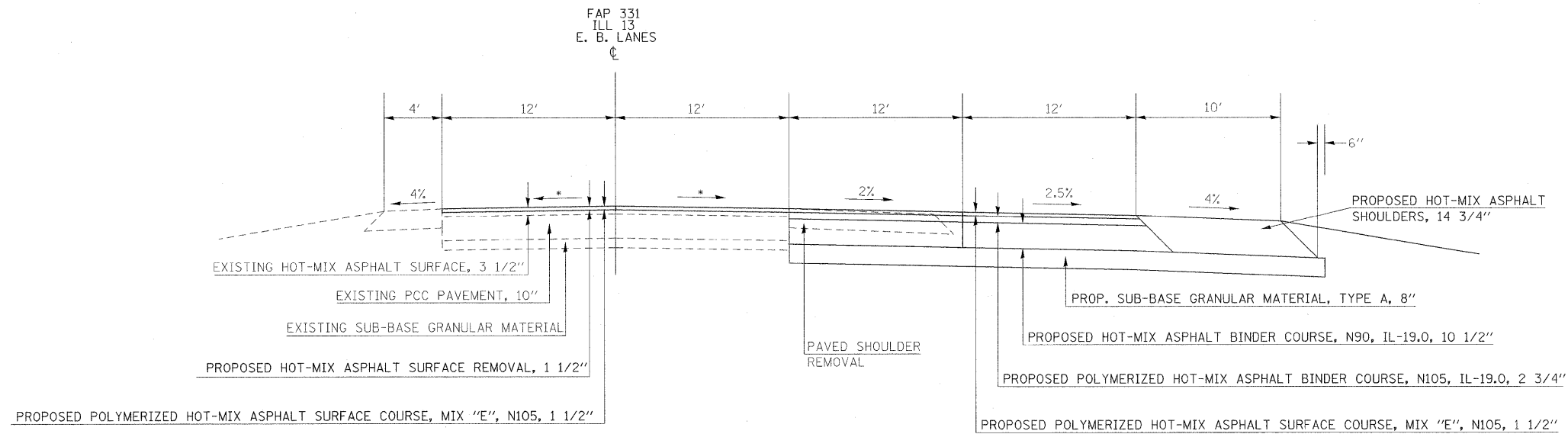
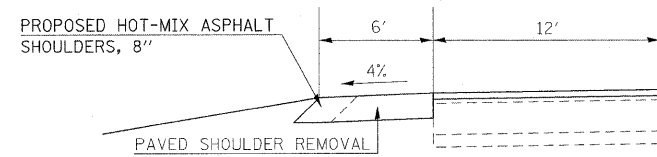
* Specialty Items

Rev,

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
78053_sht_typical.dgn	DRAWN -	REVISED -	331			SEC. # (IX-1N-1, TS-2)	WILLIAMSON	190	5	
PLOT SCALE = 40.00' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78053							
PLOT DATE = 5/6/2009	DATE -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

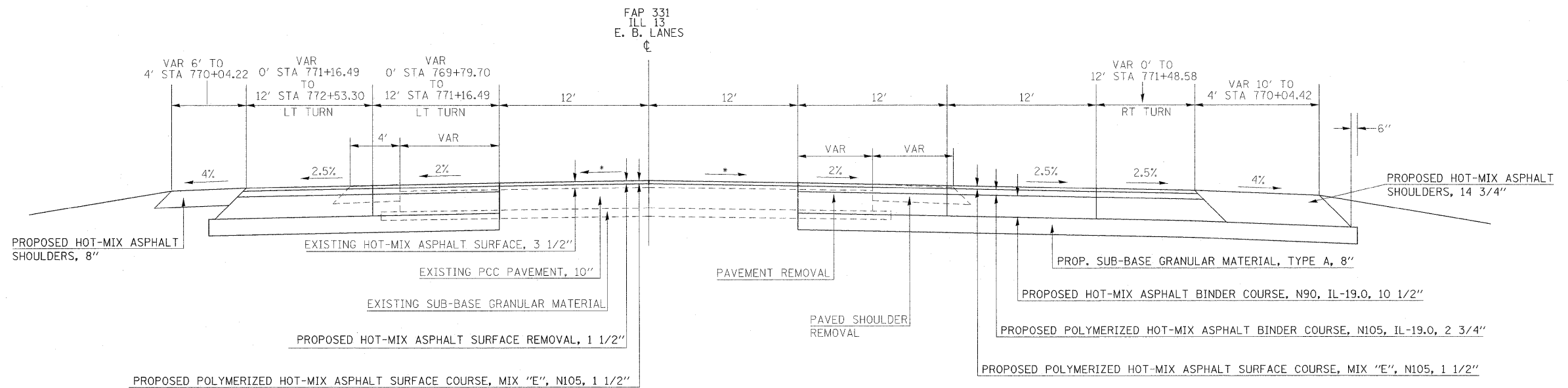
TO BE USED:
STA 764+49.12 to STA 769+08.92

TYPICAL SECTIONS



TO BE USED:
STA 763+34.62 to STA 769+08.92

* MATCH EXISTING CROSS SLOPES

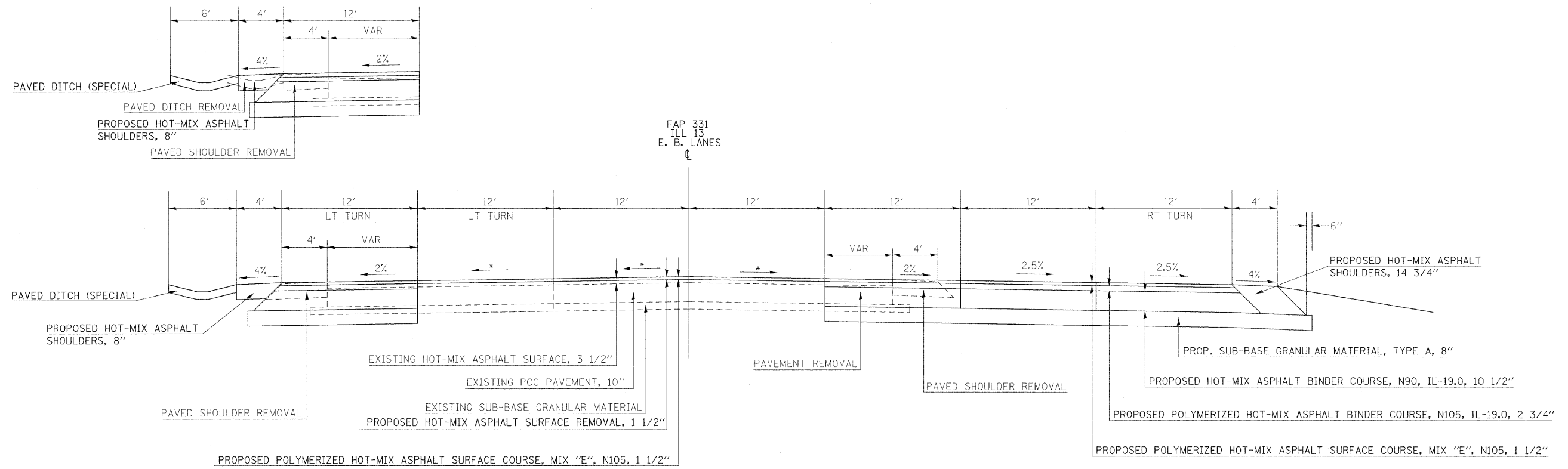


TO BE USED:
STA 769+08.92 to STA 772+53.30

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 EB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
oi:\pw\work\XPWIDOT\RUSSELLCF\dms43738\d	78053_sht_typical.dgn	DRAWN -	REVISED -					331	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	190	7
	PLOT SCALE = 5.00' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

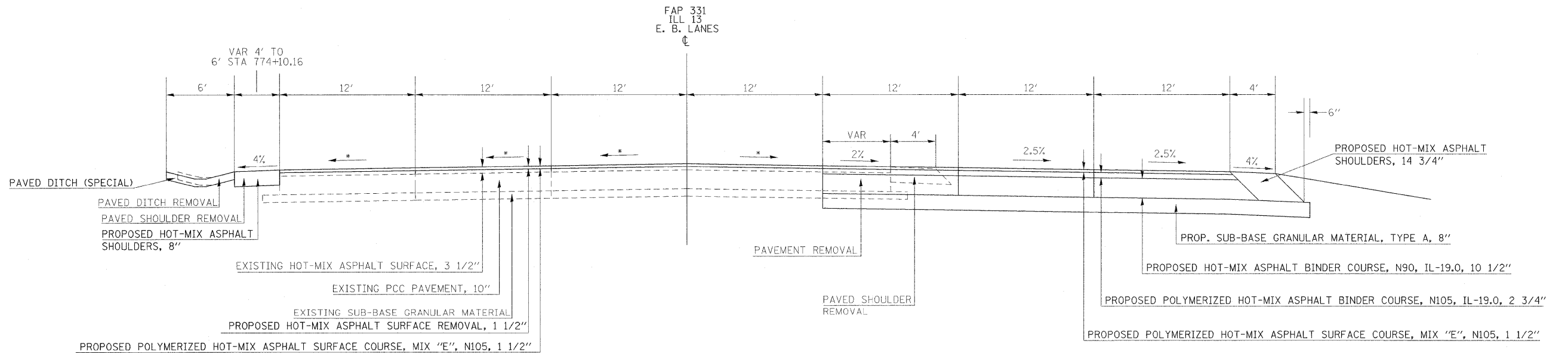
TO BE USED:
STA 773+30.94 to STA 774+01.58

TYPICAL SECTIONS



TO BE USED:
STA 772+53.30 to STA 774+01.58

* MATCH EXISTING CROSS SLOPES

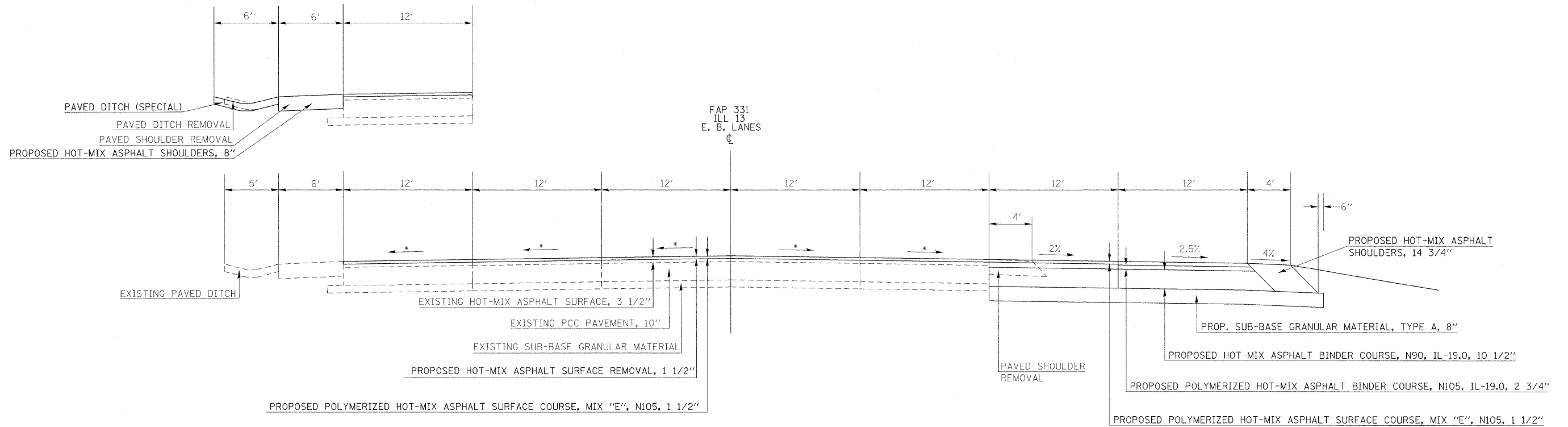


TO BE USED:
STA 774+01.58 to STA 774+47.50

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 EB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\NPWIDOT\RUSSELLCF\dms43738\278053_sht_typical.dgn	PLOT SCALE = 5.00' / IN.	DRAWN -	REVISED -					331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	8
PLOT DATE = 5/5/2009	DATE -	CHECKED -	REVISED -					CONTRACT NO. 78053				
								SCALE:	SHEET NO.	OF	SHEETS	STA.

TO BE USED:
STA 774+47.50 to STA 774+67.00

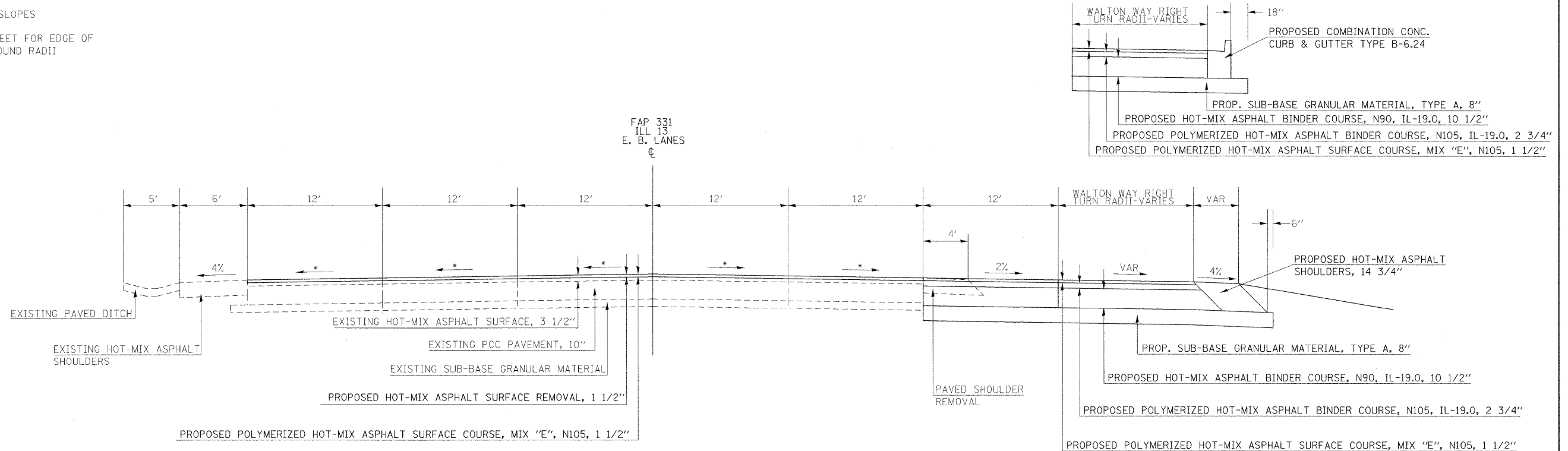
TYPICAL SECTIONS



TO BE USED:
STA 774+47.50 to STA 775+22.52

TO BE USED:
STA 775+40.16 to STA 775+42.30

• MATCH EXISTING CROSS SLOPES
NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII

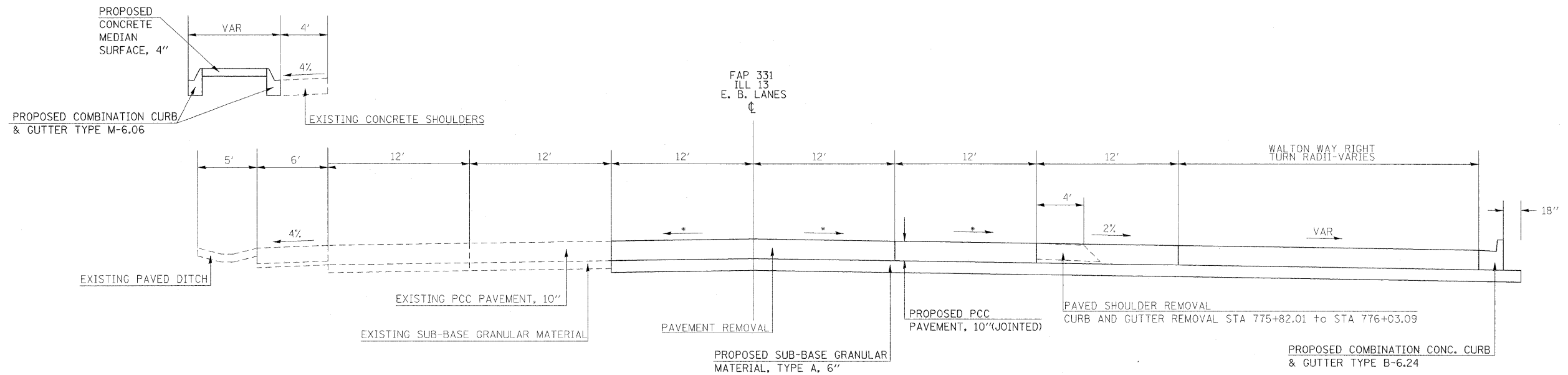


TO BE USED:
STA 775+22.52 to STA 775+60.00

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 EB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\VPIDOT\RUSSELLCF\dms43738\	78053.sht_typical.dgn	DRAWN -	REVISED -					331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	9
	PLOT SCALE = 5.00' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

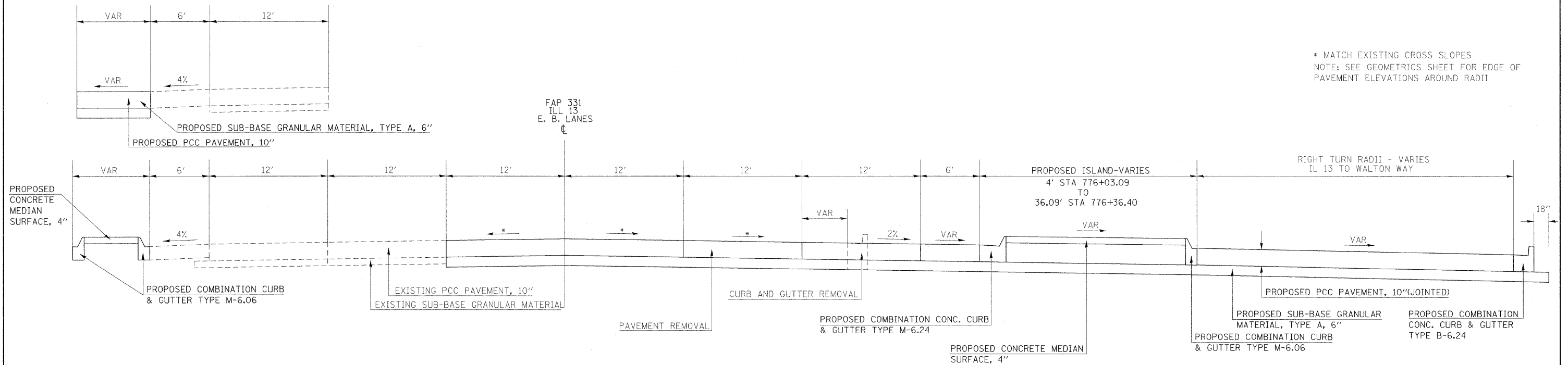
TO BE USED:
STA 775+72.78 to STA 776+03.09

TYPICAL SECTIONS



TO BE USED:
STA 776+08.30 to STA 776+36.40

TO BE USED:
STA 775+60.00 to STA 776+03.09

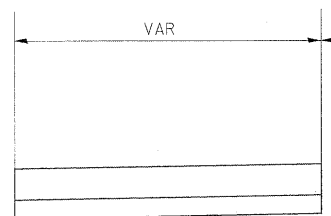


TO BE USED:
STA 776+03.09 to STA 776+36.40

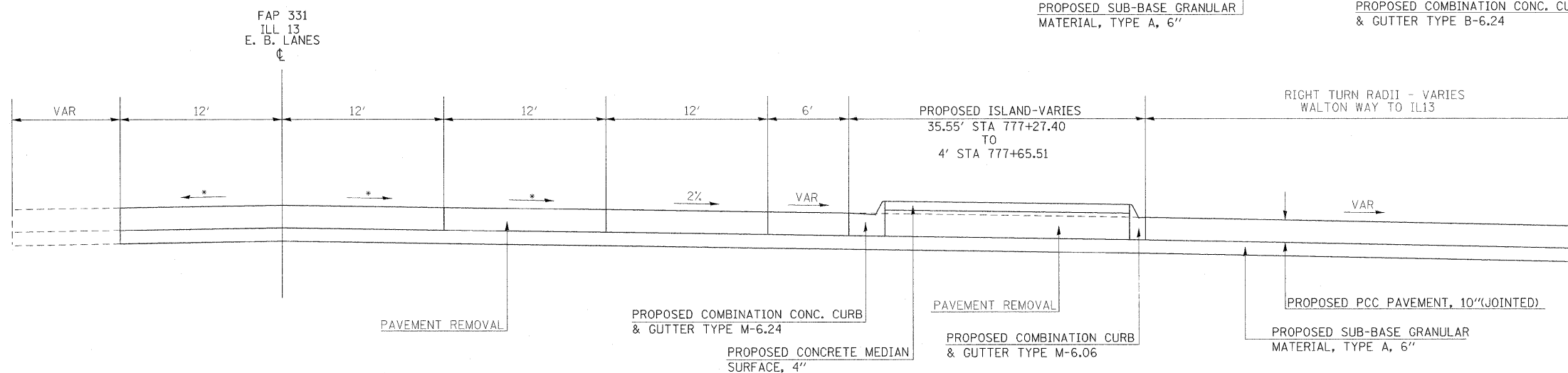
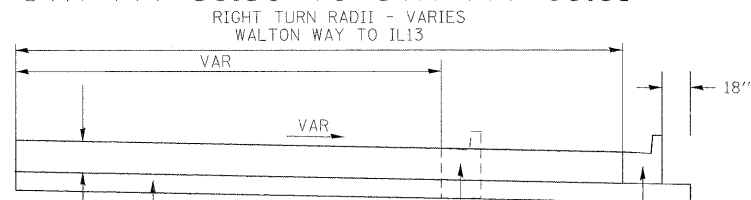
FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 EB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\NPWIDOT\RUSSELLCF\dms43738\d	78053_sht_typical.dgn	DRAWN -	REVISED -					331	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	190	10
	PLOT SCALE = 5.00' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

TYPICAL SECTIONS

TO BE USED:
STA 777+27.40 to STA 777+50.00

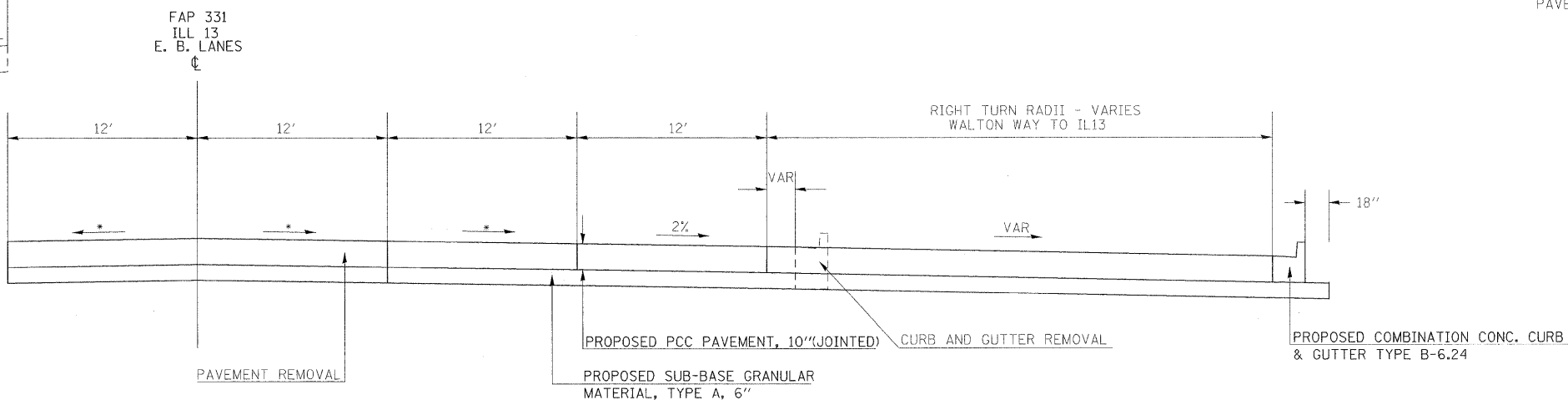
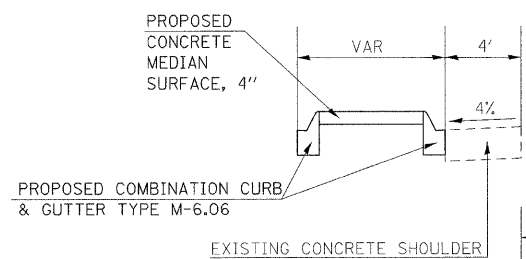


TO BE USED:
STA 777+39.50 to STA 777+65.51



TO BE USED:
STA 777+27.40 to STA 777+65.51

TO BE USED:
STA 777+65.93 to STA 778+00

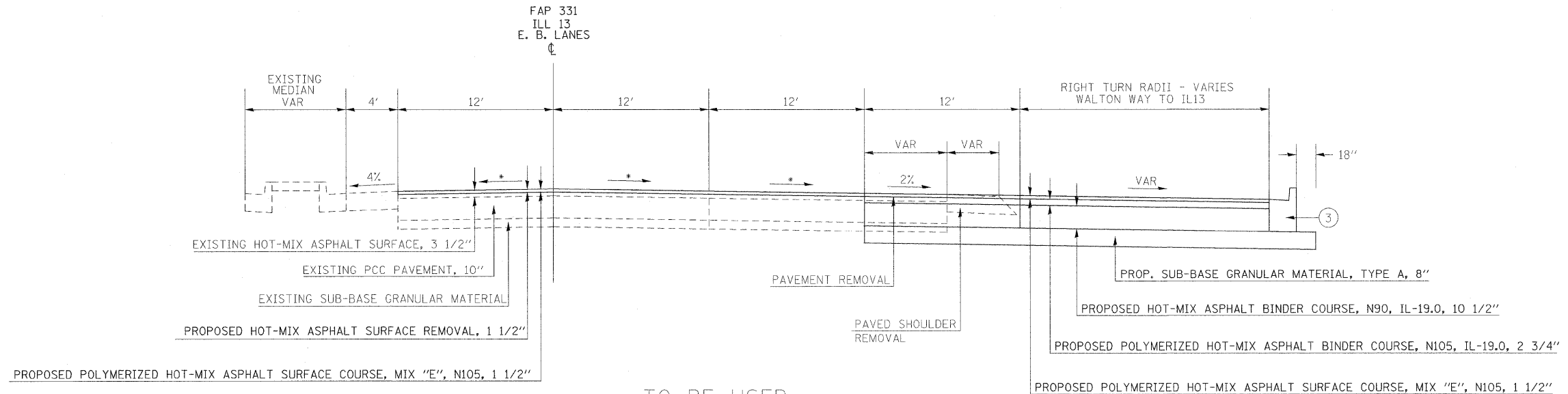


* MATCH EXISTING CROSS SLOPES
NOTE: SEE GEOMETRICS SHEET FOR EDGE OF
PAVEMENT ELEVATIONS AROUND RADII

TO BE USED:
STA 777+65.51 to STA 777+93.59

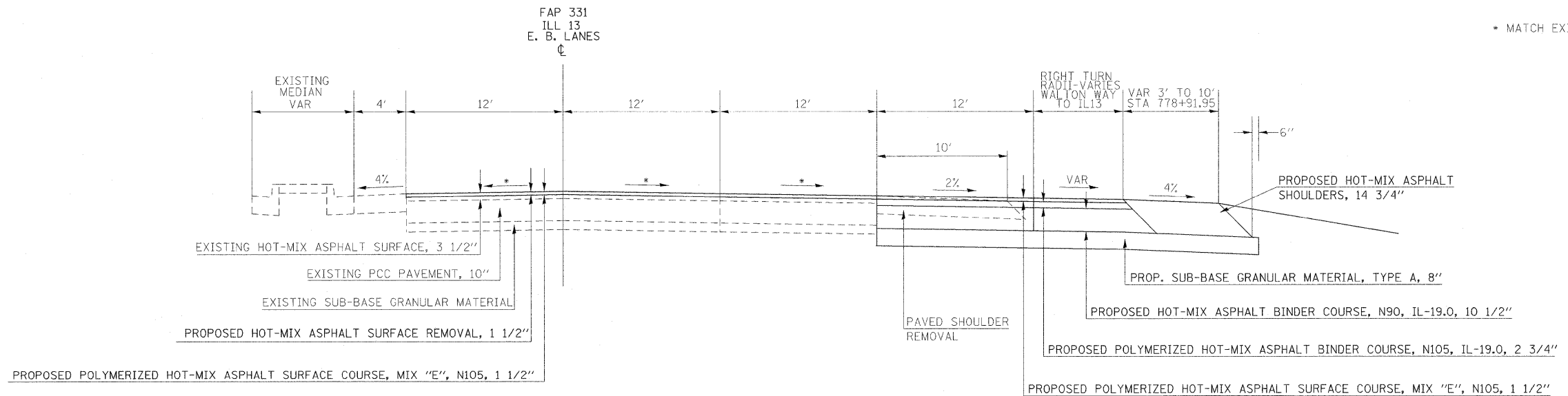
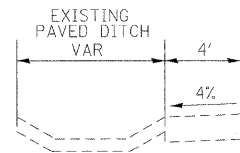
FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 EB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwwork\PM\DOT\RUSSELL\CF\dms43738\d	78053_sht.typical.dgn	DRAWN -	REVISED -					331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	11
	PLOT SCALE = 5.00' / 1"	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

TYPICAL SECTIONS



TO BE USED:
STA 777+93.59 to STA 778+27.36

TO BE USED:
STA 778+49.59 to STA 779+00

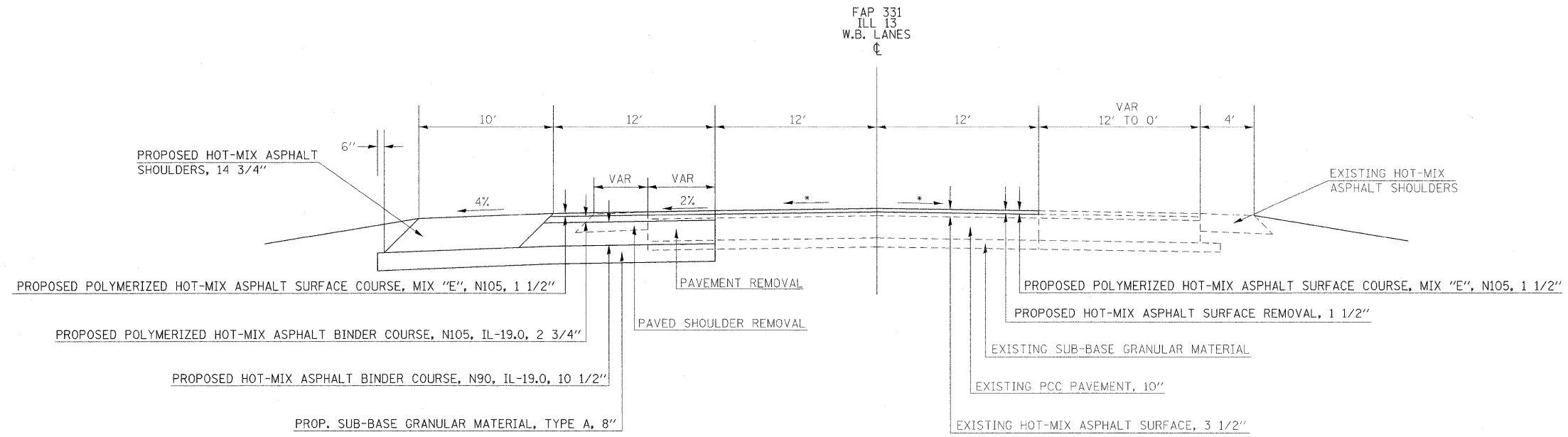


TO BE USED:
STA 778+27.36 to STA 779+00

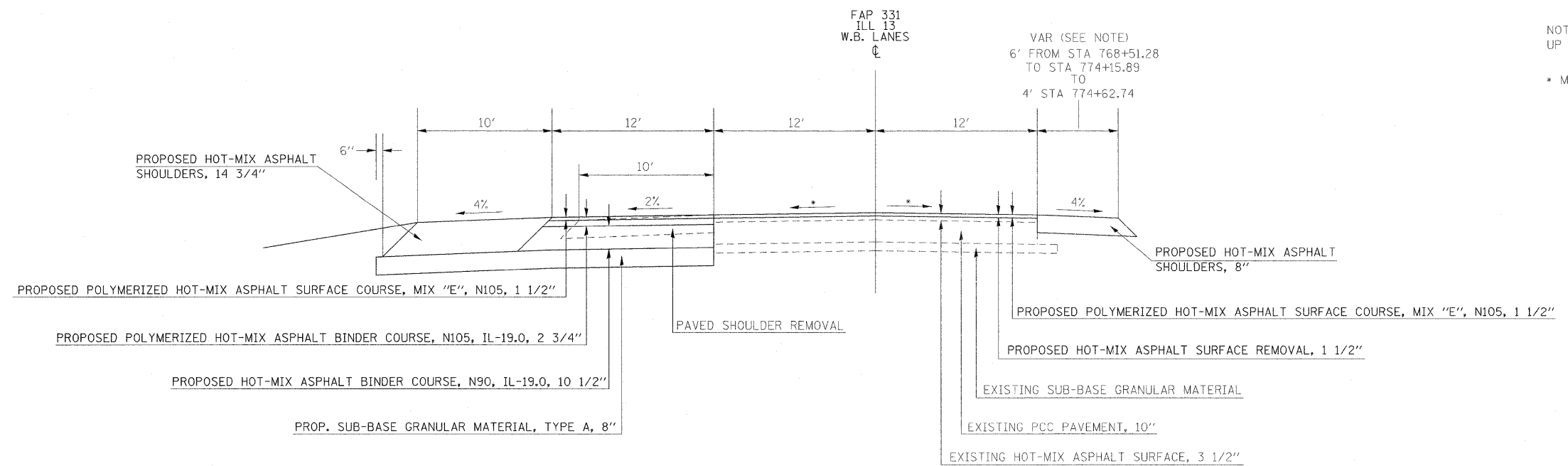
* MATCH EXISTING CROSS SLOPES

FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 EB				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\PMIDOT\RUSSELLCF\dms43738\d	78053.sht_typical.dgn	DRAWN -	REVISED -						331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	12
	PLOT SCALE = 5.00' / 1" IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS



TO BE USED:
STA 766+00.00 to STA 768+51.28

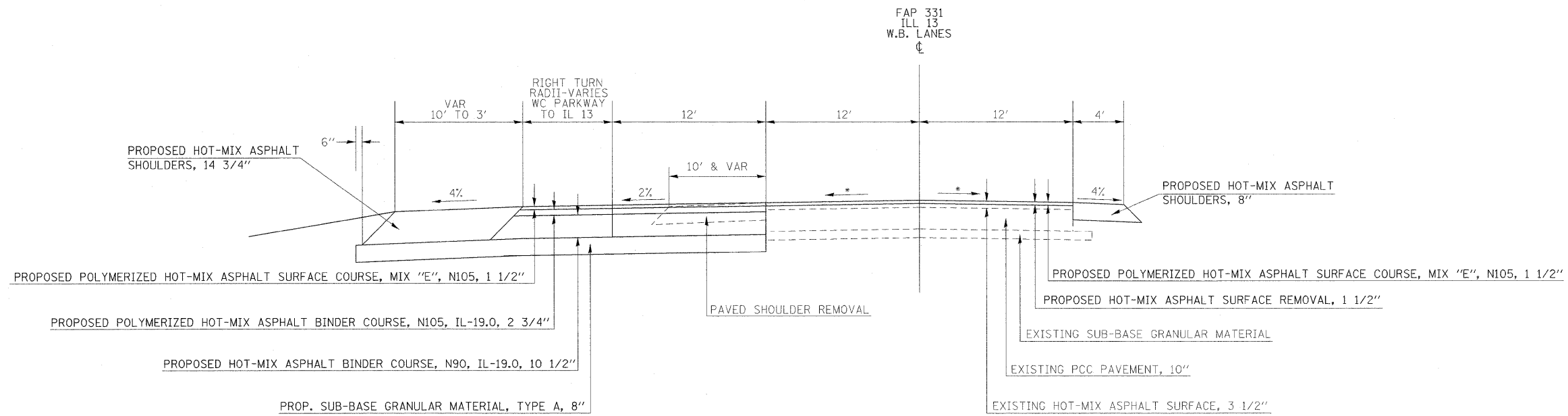


TO BE USED:
STA 768+51.28 to 774+83.26

NOTE: NEW SHOULDER SHOULD EXTEND TO MEET UP WITH NEW AND EXISTING PAVED DITCH
* MATCH EXISTING CROSS SLOPES

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 WB				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\PM\DOT\RUSSELLCF\dms43738\278053_sht_ttypical.dgn	PLOT SCALE = 5.00' / IN.	DRAWN -	REVISED -						331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	190	13
PLOT DATE = 5/5/2009	DATE -	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 78053				
									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

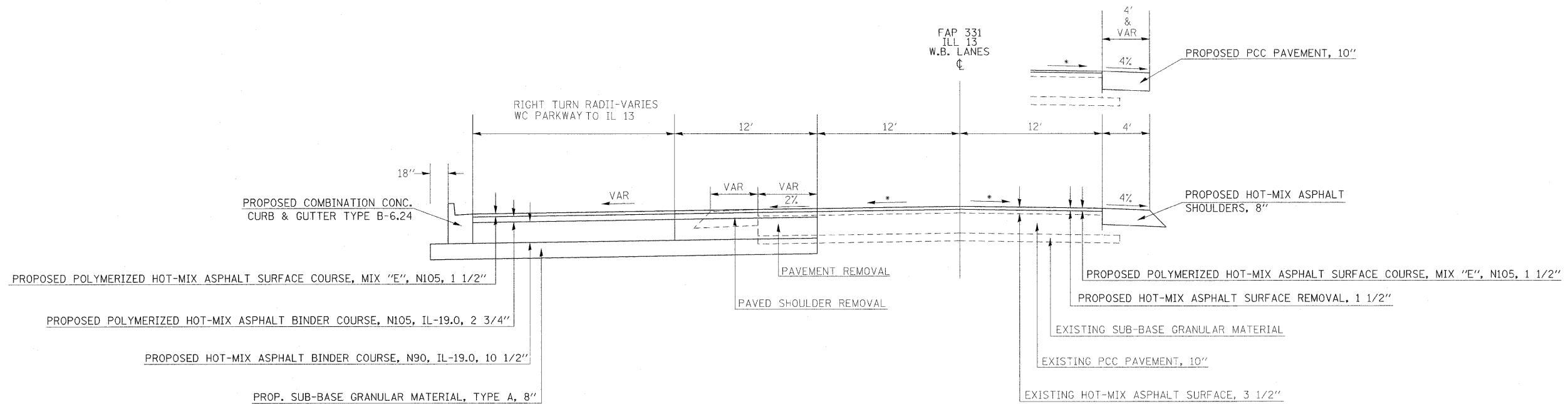
TYPICAL SECTIONS



TO BE USED:
STA 774+83.26 to STA 775+47.85

TO BE USED:
STA 774+79.82 to STA 776+09.70

• MATCH EXISTING CROSS SLOPES
NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII

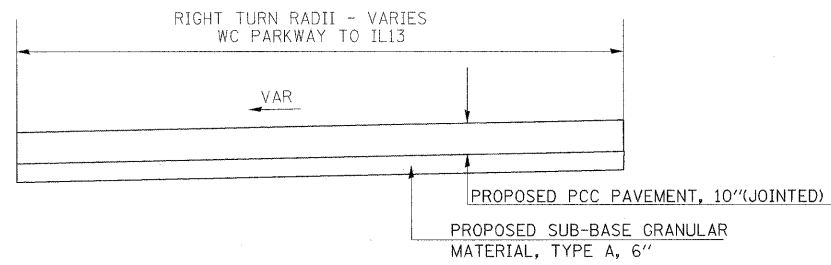


TO BE USED:
STA 775+47.85 to STA 776+09.70

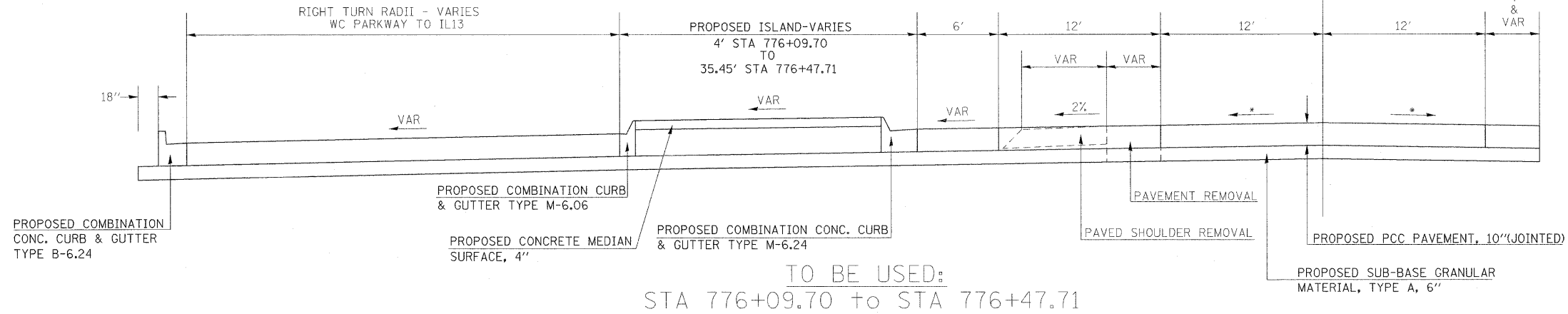
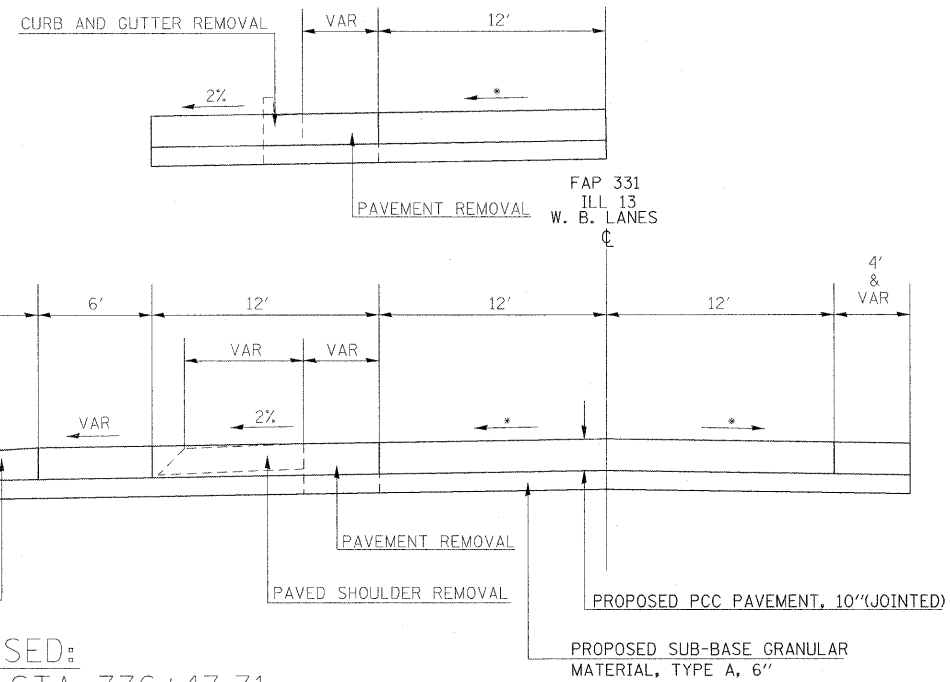
FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 WB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwidot\russellcf\dms43738\d	78053.sht.typical.dgn	DRAWN -	REVISED -					331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	14
	PLOT SCALE = 5.00' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

TYPICAL SECTIONS

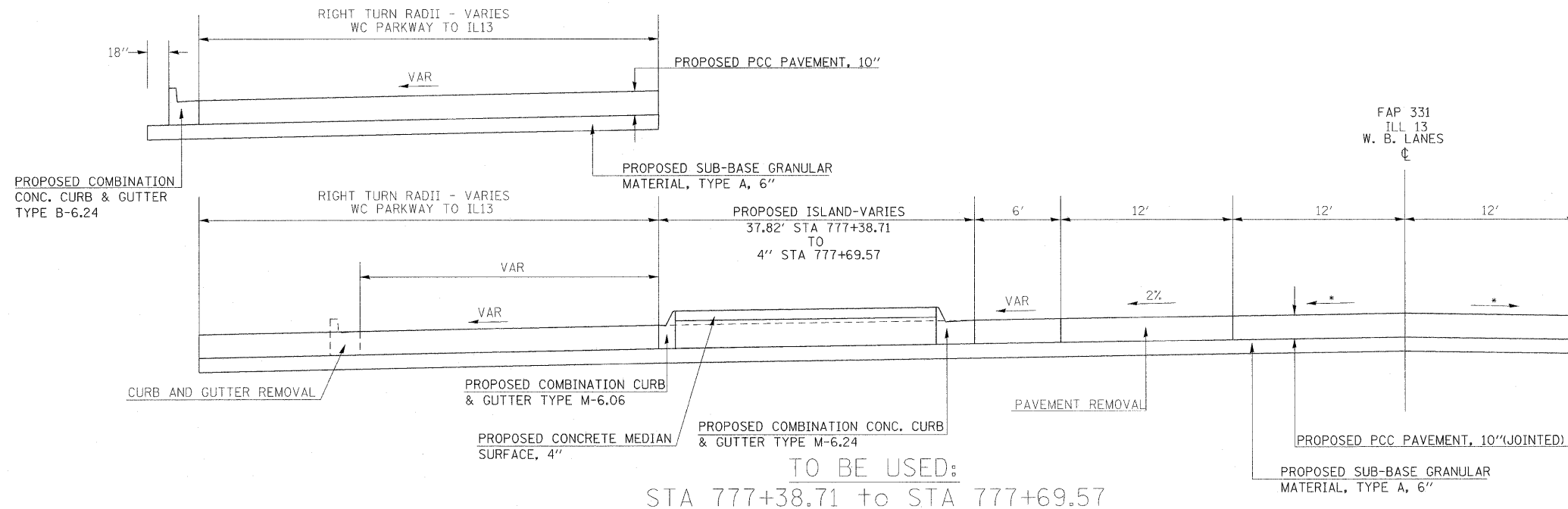
TO BE USED:
STA 776+35.71 to STA 776+47.71



TO BE USED:
STA 776+35.71 to STA 776+47.71



TO BE USED:
STA 777+39.71 to STA 777+69.57



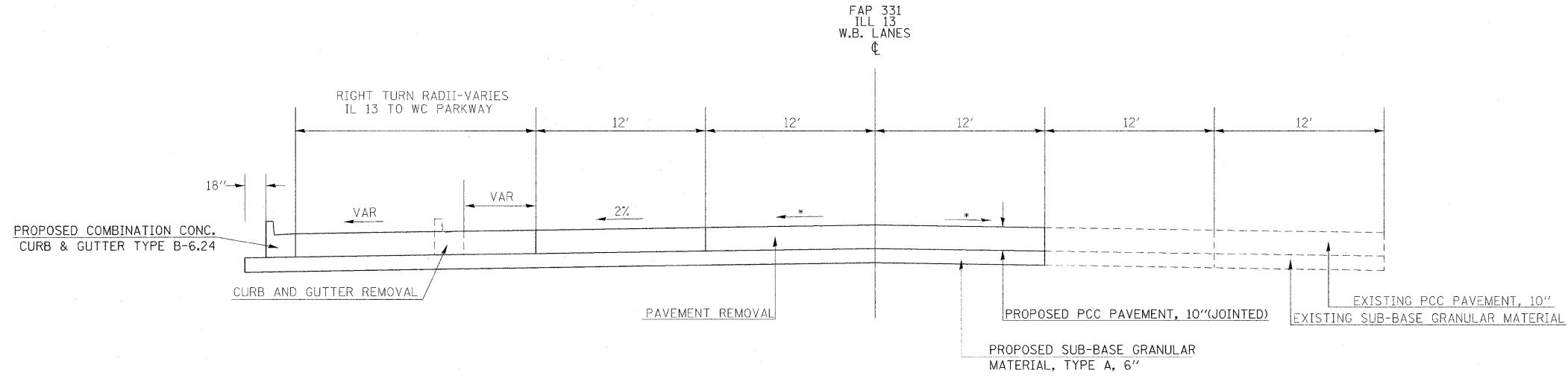
NOTE: CONCRETE SHOULDER SHOULD MEET UP WITH EXISTING CONCRETE AT STATION 776+15.00

* MATCH EXISTING CROSS SLOPES

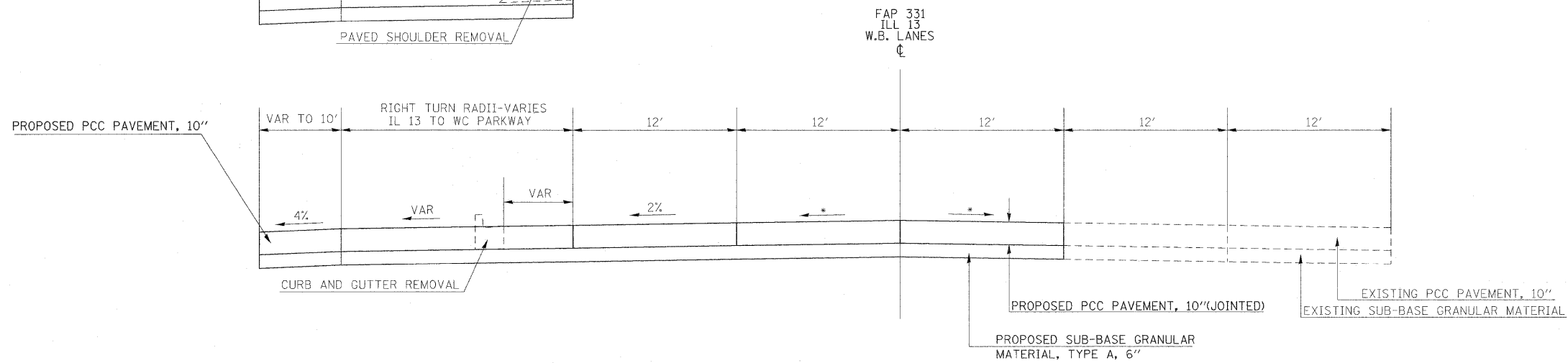
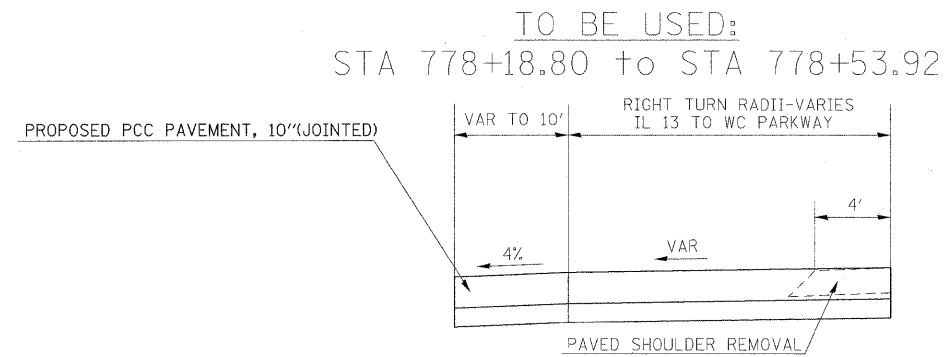
NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII

FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 WB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01\pwwork\PIW\DOT\RUSSELLCF\dms43738\d	78053.sht.typical.dgn	DRAWN -	REVISED -					331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	15
	PLOT SCALE = 5.00' / 1" IN.	CHECKED -	REVISED -					CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS



TO BE USED:
STA 777+69.57 to STA 778+08.00



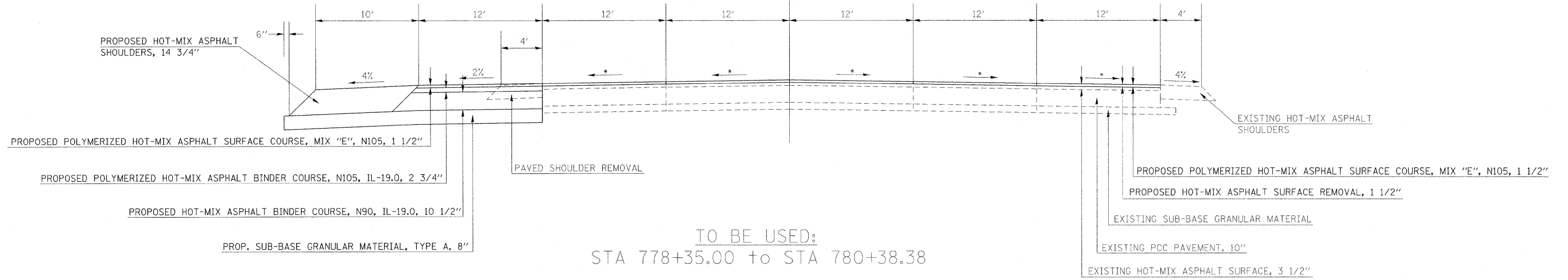
TO BE USED:
STA 778+08.00 to STA 778+35.00

NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII
* MATCH EXISTING SLOPES

FILE NAME =	USER NAME = russello	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 WB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PMIDOT\RUSSELLCF\dms43738\d9_78053_sht_typical.dgn	PLOT SCALE = 5.00' / IN.	DRAWN -	REVISED -					331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	190	16
	PLOT DATE = 5/5/2009	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

TYPICAL SECTIONS

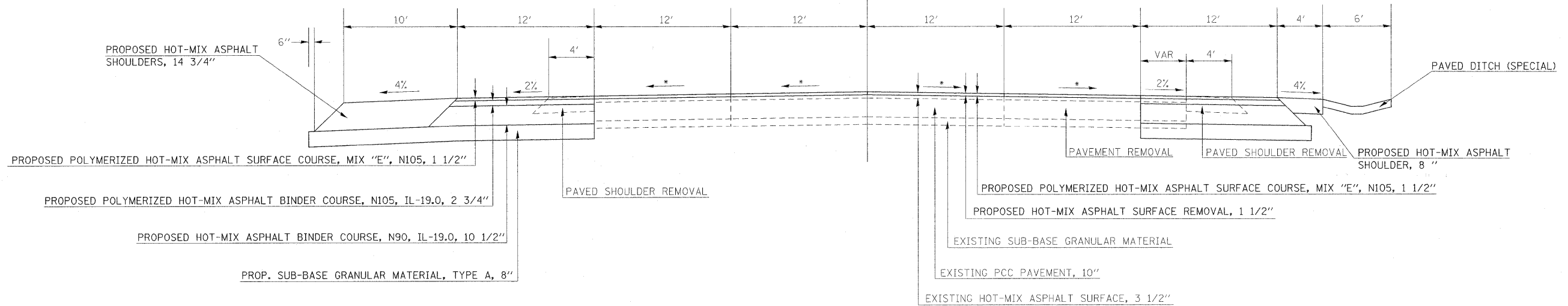
FAP 331
ILL 13
W.B. LANES
⊕



TO BE USED:
STA 778+35.00 to STA 780+38.38

* MATCH EXISTING CROSS SLOPES

FAP 331
ILL 13
W.B. LANES
⊕

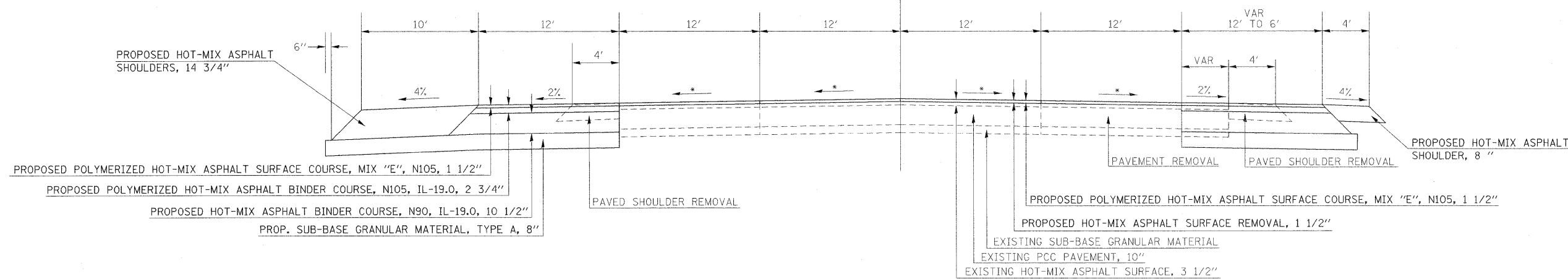


TO BE USED:
STA 780+38.38 to STA 781+21.91

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 WB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\PWID01\RUSSELLCF\dms43738\d9.78053_sht_typical.dgn	PLOT SCALE = 5.00' / IN.	DRAWN -	REVISED -					331	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	190	17
	PLOT DATE = 5/5/2009	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
		DATE -	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

TYPICAL SECTIONS

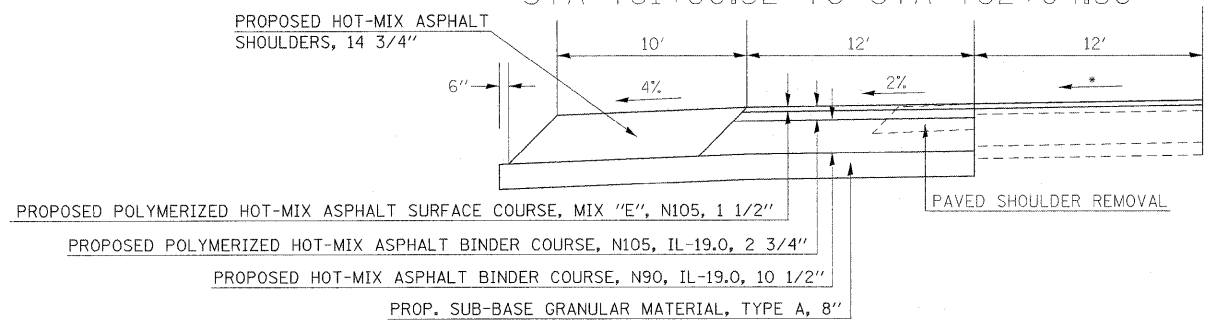
FAP 331
ILL 13
W.B. LANES
↓



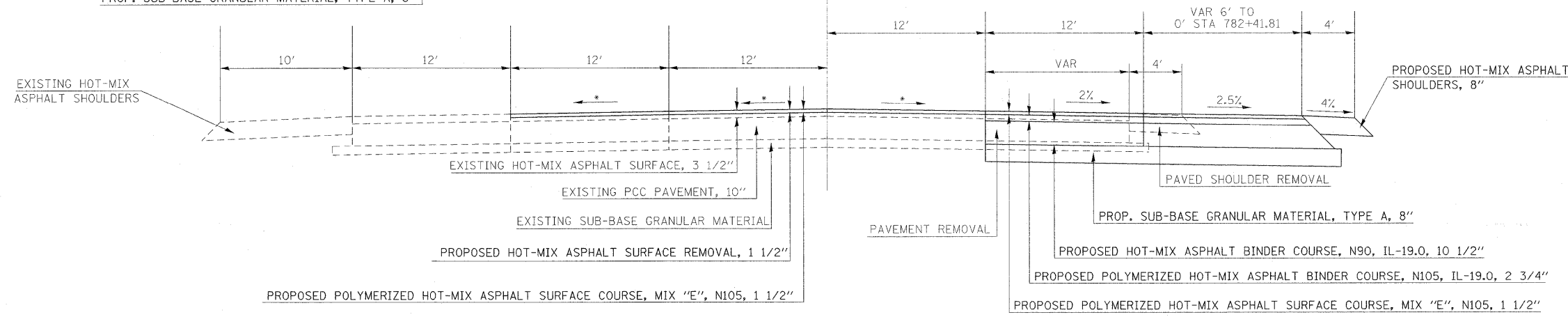
TO BE USED:
STA 781+21.91 to STA 781+80.52

TO BE USED:
STA 781+80.52 to STA 782+04.38

• MATCH EXISTING CROSS SLOPES



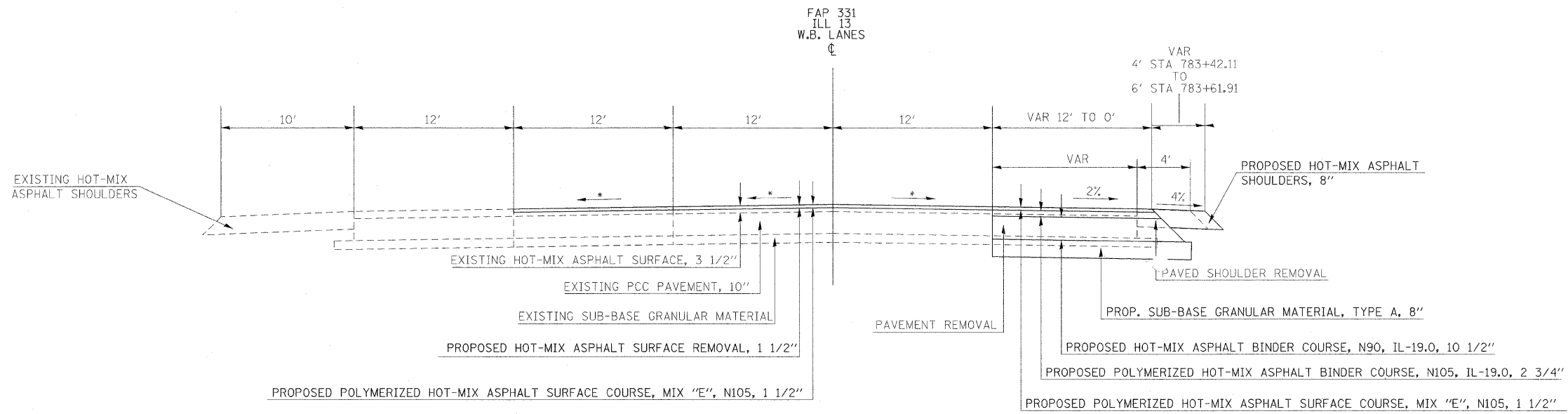
FAP 331
ILL 13
W.B. LANES
↓



TO BE USED:
STA 781+80.52 to STA 782+41.81

FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 WB			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw_work\PIWIDOT\RUSSELLCF\dms43738\d9.78053.sht.typical.dgn	PLOT SCALE = 5.00' / IN.	DRAWN -	REVISED -					331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	18
	PLOT DATE = 5/5/2009	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
		DATE -	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

TYPICAL SECTIONS

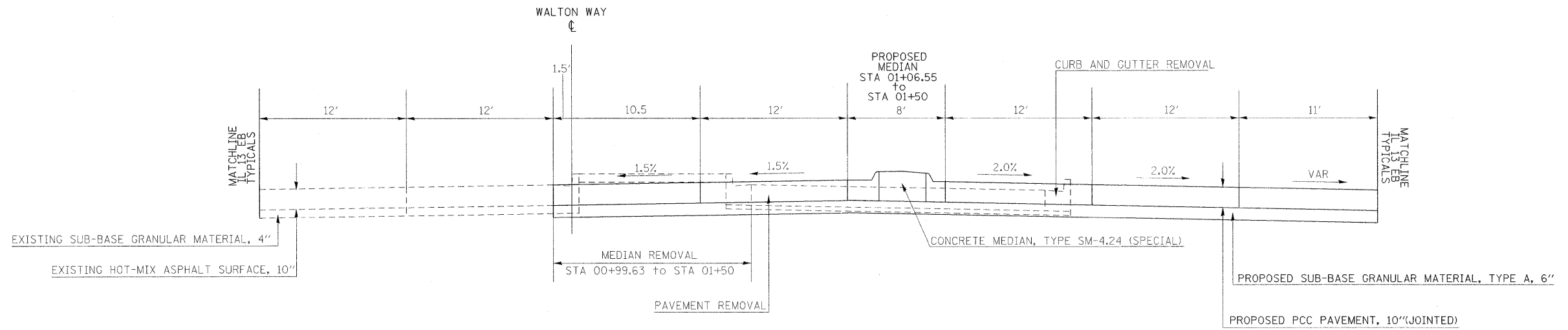


* MATCH EXISTING CROSS SLOPES

TO BE USED:
STA 782+41.81 TO STA 783+61.91

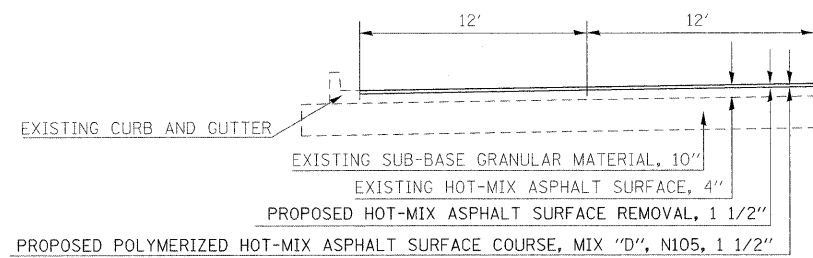
FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-IL 13 WB	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\PWIDOT\RUSSELLCF\dms43738\dr	78053.sht_typical.dgn	DRAWN -	REVISED -			331	SEC. NO. (IX-IN-1, TS-2	WILLIAMSON	190	19	
	PLOT SCALE = 5.00' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/5/2009	DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

TYPICAL SECTIONS

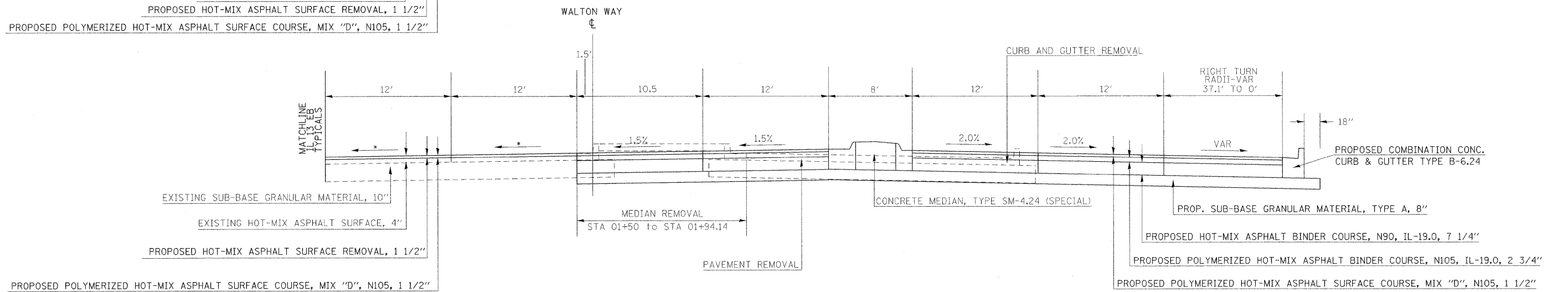


TO BE USED:
STA 00+99.63 to STA 01+50.00

TO BE USED:
STA 02+06.91 to STA 02+73.74



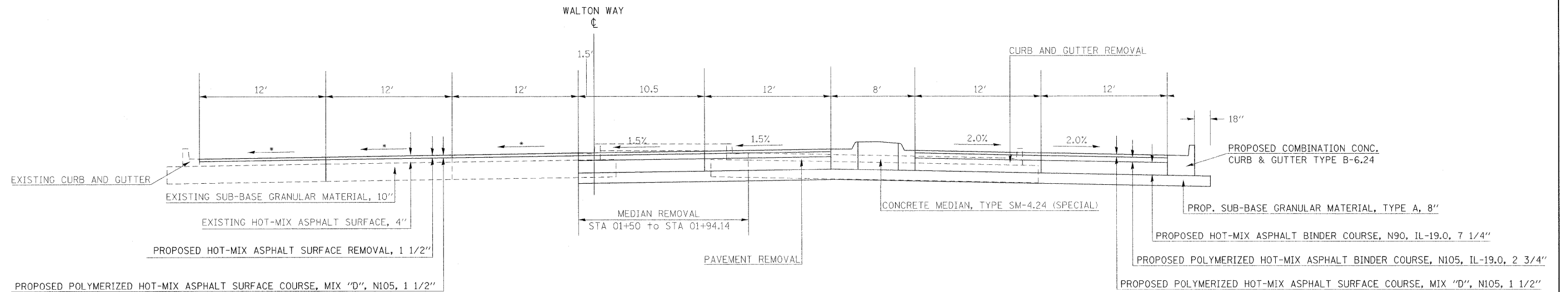
* MATCH EXISTING CROSS SLOPES
NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII



TO BE USED:
STA 01+50 to STA 02+73.74

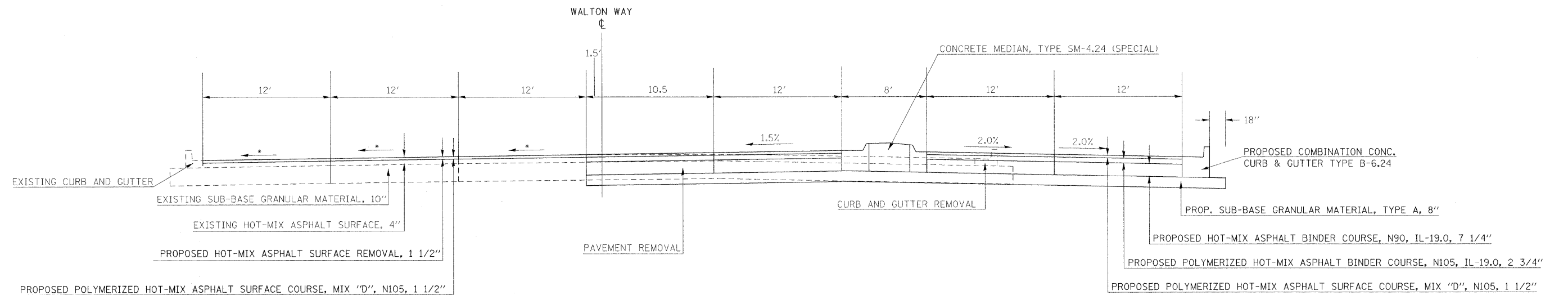
FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WALTON WAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\p\dot\russellof\dms43738\d9.78053_sht_typical.dgn	DRAWN -	REVISED -	331					SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	190	20	
PLOT SCALE = 5.00' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78053									
PLOT DATE = 5/28/2009	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS



TO BE USED:
STA 02+73.74 to STA 03+02.40

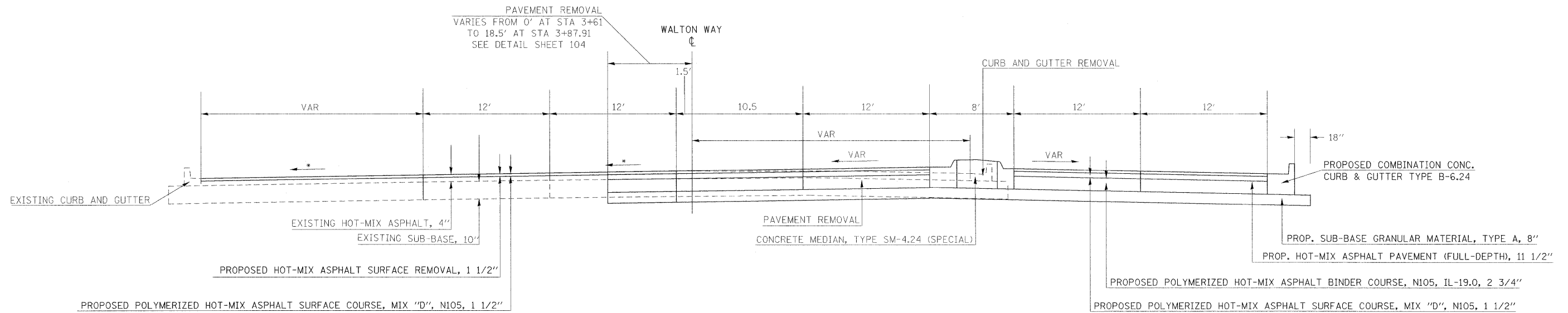
* MATCH EXISTING CROSS SLOPES



TO BE USED:
STA 03+02.40 to STA 03+13.45

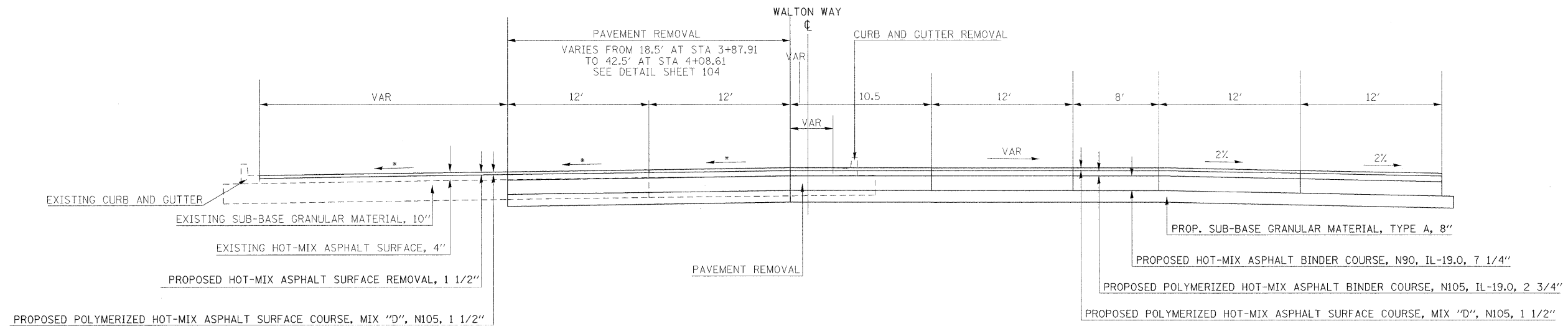
FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WALTON WAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\p\rdot\russellcf\dms43738\d9.78053.sht_typical.dgn	PLOT SCALE = 5.00' / IN.	DRAWN -	REVISED -					331	SEC. NO. (IX-JIN-1, TS-2)	WILLIAMSON	190	21
	PLOT DATE = 5/28/2009	CHECKED -	REVISED -		CONTRACT NO. 78053							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

TYPICAL SECTIONS



TO BE USED:
STA 03+13.45 to STA 03+87.91

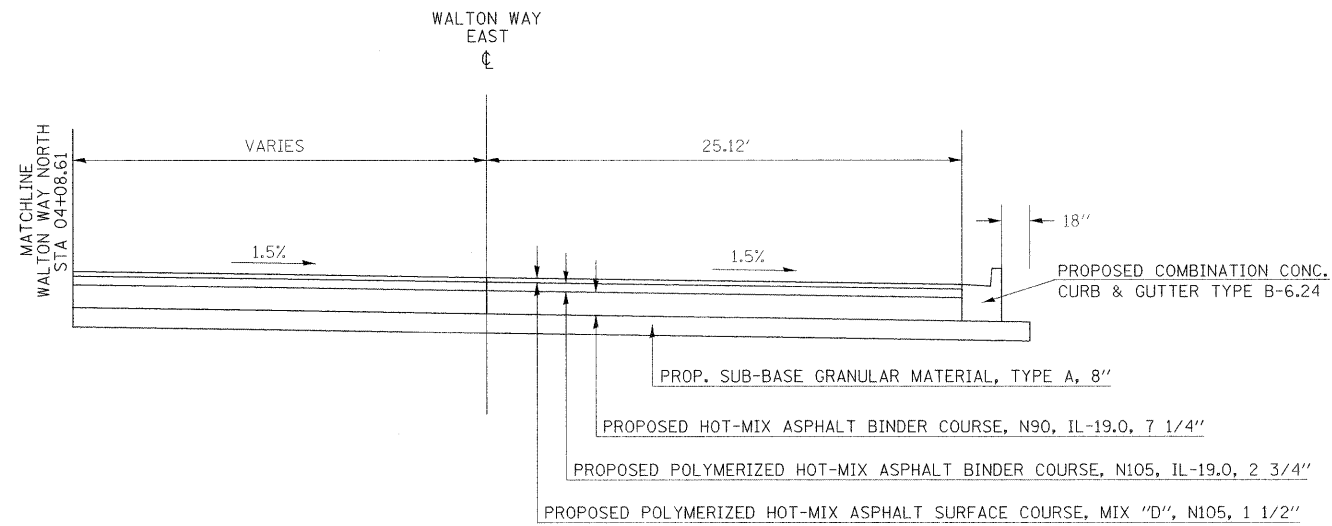
* MATCH EXISTING CROSS SLOPES



TO BE USED:
STA 03+87.91 to STA 04+08.61

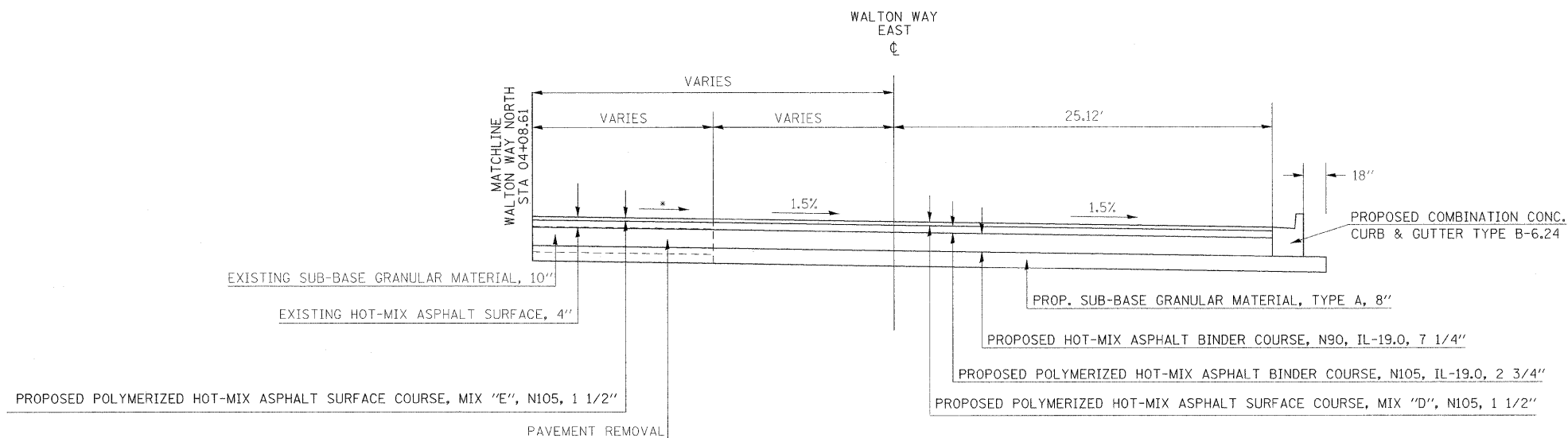
FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WALTON WAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwwork\pwwork\russellof\dms43738\d9.78053.sht.typosol.dgn		DRAWN -	REVISED -					331	SEC. NO. (IX-DN-1, TS-2)	WILLIAMSON	190	22
	PLOT SCALE = 5.00' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
	PLOT DATE = 5/28/2009	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS



TO BE USED:
STA 499+44.48 to STA 500+05.82

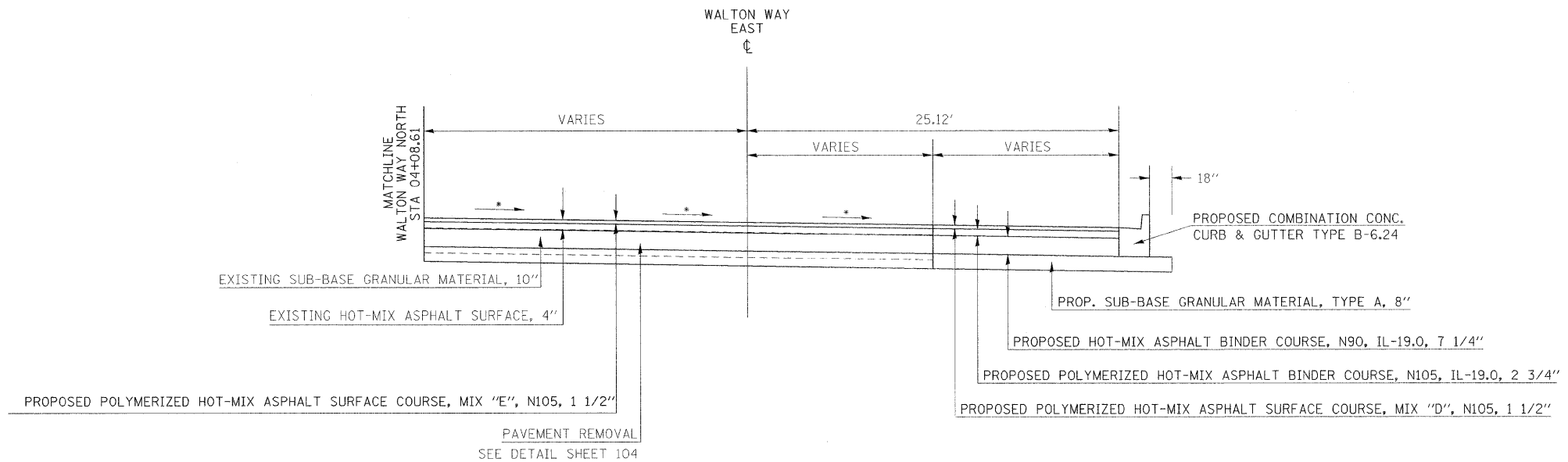
NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII
* MATCH EXISTING CROSS SLOPES



TO BE USED:
STA 500+05.82 to STA 500+37.22

FILE NAME = c:\pw\work\p\dot\russellcf\dms43738\d9.78053_sht_typical.dgn	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WALTON WAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	23
		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78053				
		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

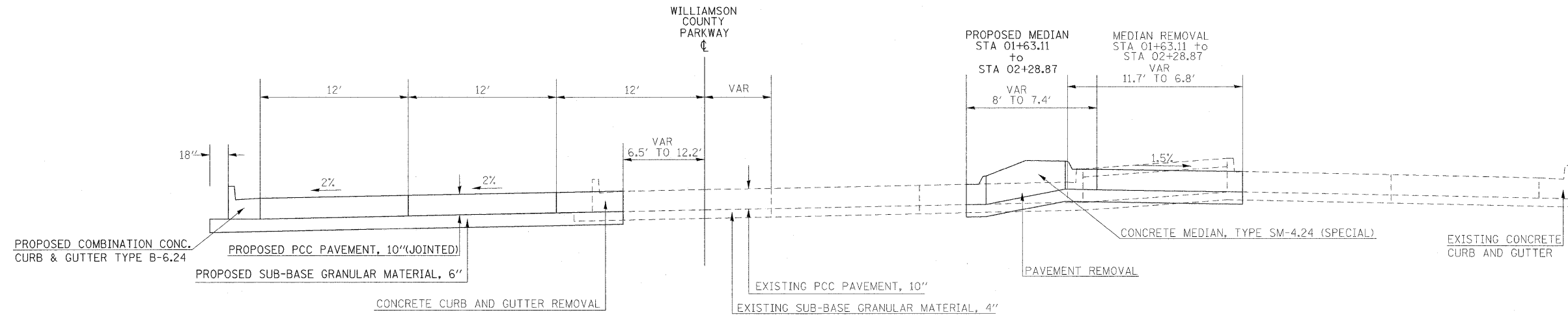


TO BE USED:
 STA 500+37.22 to STA 501+16.42

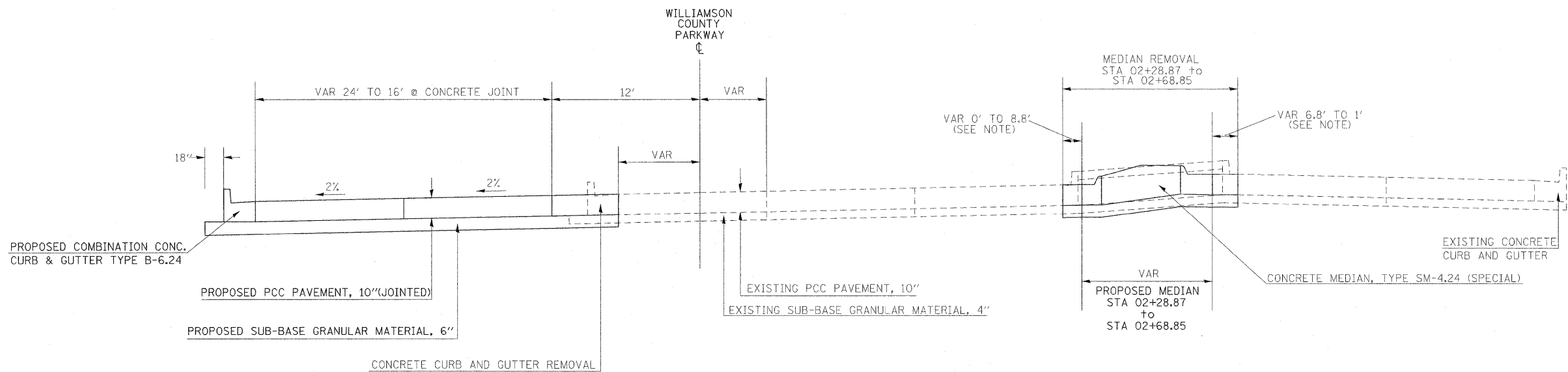
NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII
 * MATCH EXISTING CROSS SLOPES

FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WALTON WAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\p\pidot\russellof\dms43738\d9	78053.sht_typical.dgn	DRAWN -	REVISED -					331	SEC. NO. (IX-11N-1, TS-2	WILLIAMSON	190	24
	PLOT SCALE = 5.00' / 1" IN.	CHECKED -	REVISED -		CONTRACT NO. 78053							
	PLOT DATE = 5/28/2009	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS



TO BE USED:
STA 01+63.11 to STA 02+28.87

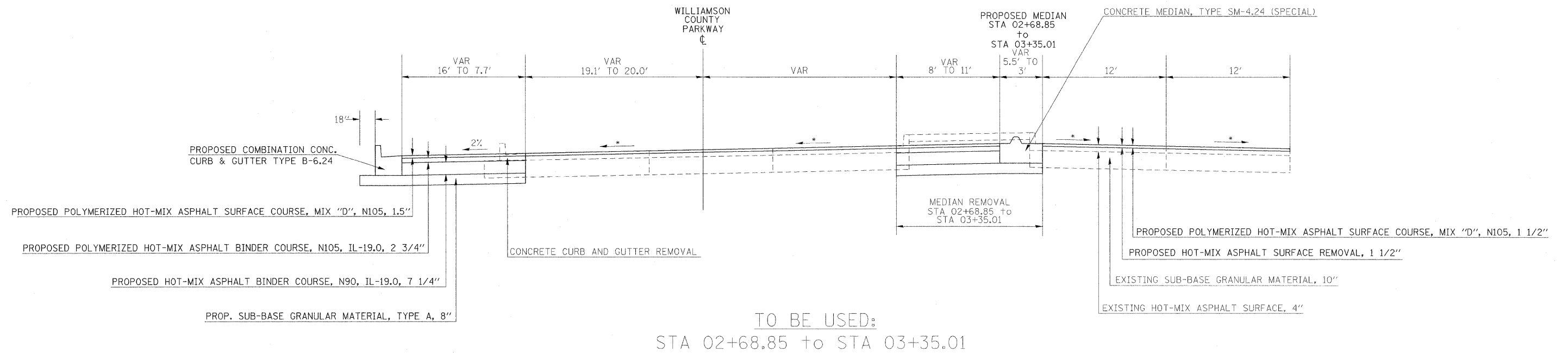


TO BE USED:
STA 02+28.87 to STA 02+68.85

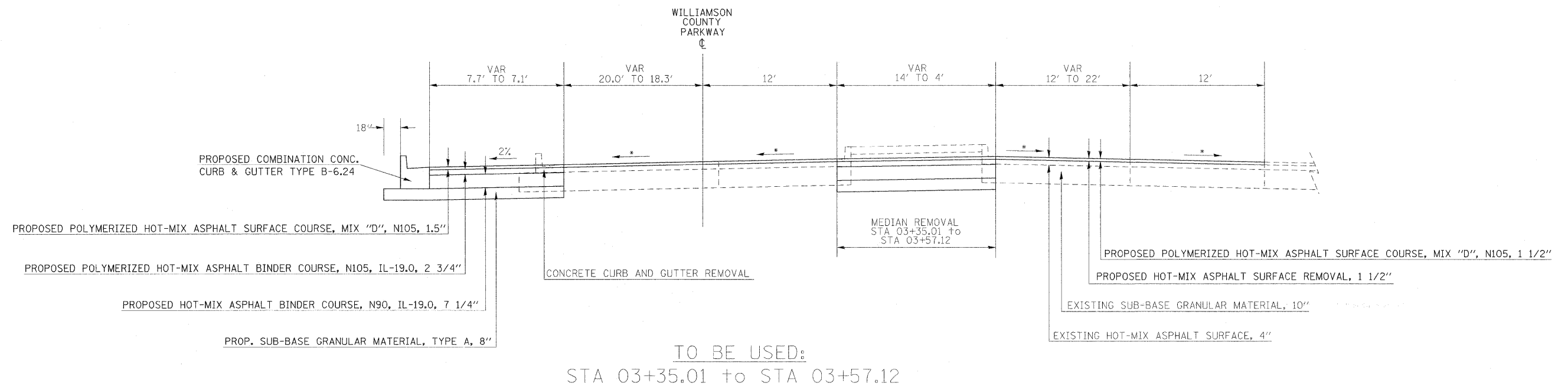
NOTE: CONCRETE JOINT
FROM STA 02+65.85 @ 34.79' LT
TO STA 02+79.95 @ 57.12' RT

FILE NAME = c:\pw_work\NPWID01\RUSSELLCF\dms43738\d9_78053_sht_typical.dgn	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WILLIAMSON CO. PARKWAY	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 5.00' / 1" IN.	CHECKED -	REVISED -			331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	26
PLOT DATE = 5/5/2009	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 78053		
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

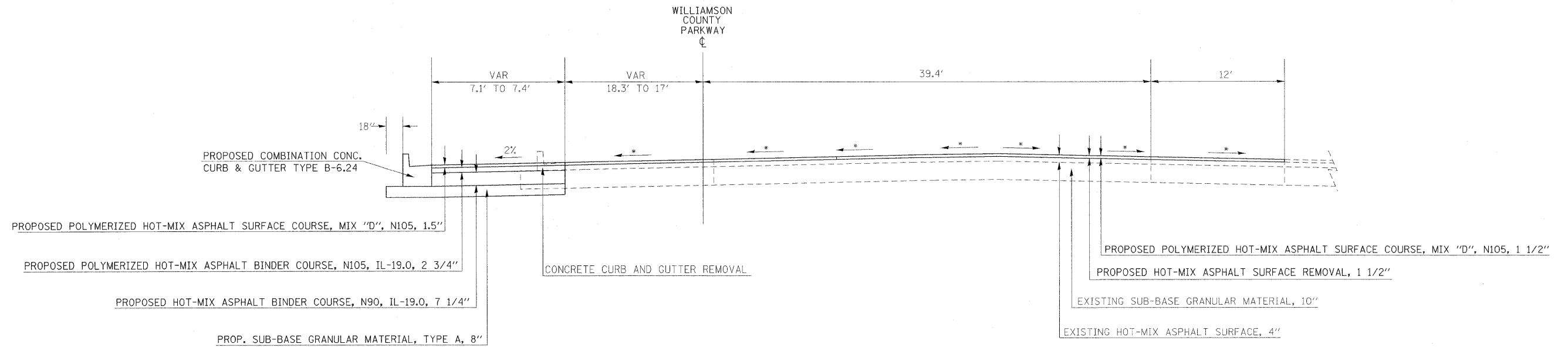


• MATCH EXISTING CROSS SLOPES

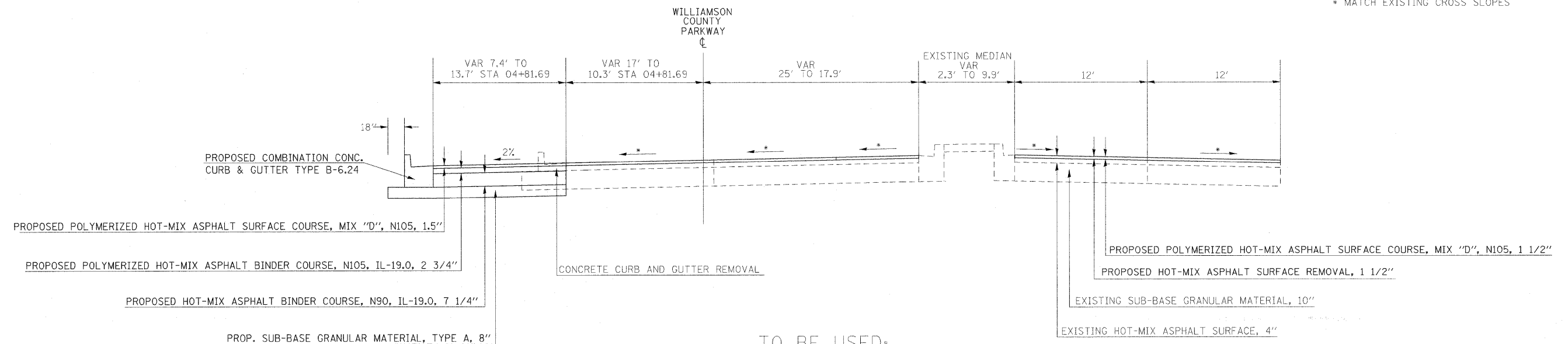


FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WILLIAMSON CO. PARKWAY	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\PIWIDOT\RUSSELLCF\dms43738\d9.78053.sht.typical.dgn	PLOT SCALE = 5.00' / 1"	DRAWN -	REVISED -			331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	27
PLOT DATE = 5/5/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78053				
		SCALE:	SHEET NO. OF SHEETS			STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS



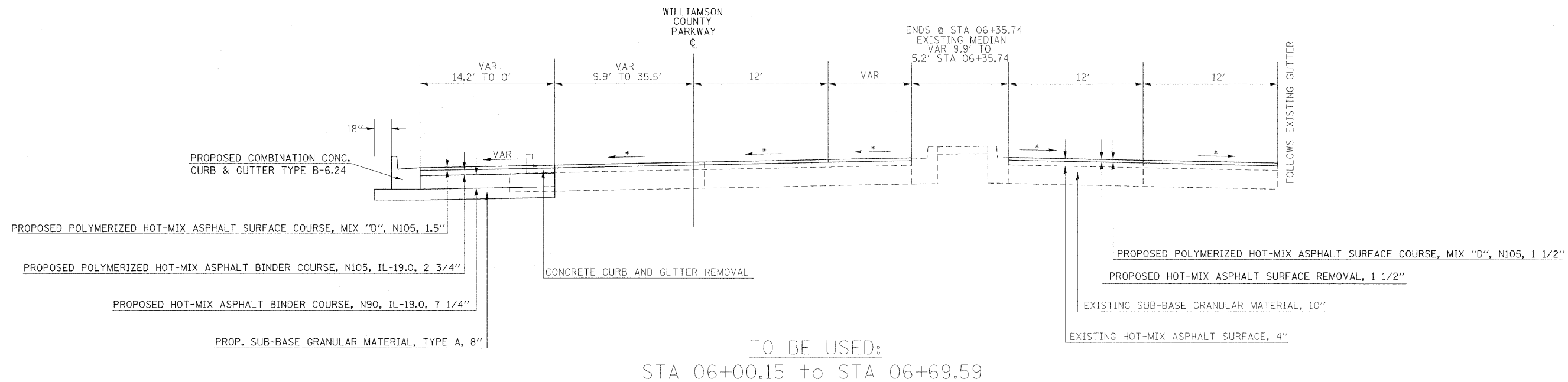
TO BE USED:
STA 03+57.12 to STA 03+75.37



TO BE USED:
STA 03+75.37 to STA 06+00.15

FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WILLIAMSON CO. PARKWAY	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw\work\NPWIDOT\RUSSELLCF\dms43738\d9_78053_sht_typical.dgn	PLOT SCALE = 5.00' / 1"	DRAWN -	REVISED -			331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	28	
PLOT DATE = 5/5/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78053					
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS



NOTE: SEE GEOMETRICS SHEET FOR EDGE OF PAVEMENT ELEVATIONS AROUND RADII
* MATCH EXISTING CROSS SLOPES

FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS-WILLIAMSON CO. PARKWAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\PWIDOT\RUSSELLCF\dms43738\d	2.78053.sht.typical.dgn	DRAWN -	REVISED -					SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	29	
	PLOT SCALE = 5.00' / 1"	CHECKED -	REVISED -		CONTRACT NO.							
	PLOT DATE = 5/5/2009	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

REMOVAL SCHEDULE

LOCATION TO STATION	STATION	PAVEMENT REMOVAL	HMA SURFACE REMOVAL 1 1/2"	COMBINATION CURB AND GUTTER REMOVAL	MEDIAN REMOVAL	PAVED DITCH REMOVAL	PAVED SHOULDER REMOVAL	REMOVING INLETS	CONCRETE HEADWALL REMOVAL	FLARED END SECTION REMOVAL	WOVEN WIRE FENCE REMOVAL	REMARKS
		SQ YD	SQ YD	FOOT	SQ FT	FOOT	SQ YD	EACH	EACH	EACH	FOOT	
ILLINOIS 13 EB LANES (EB STA)												
763	34.62 TO 771 87.88		2278						380			
764	49.12 LT TO 771 87.88 LT								329			
764	82.00 TO 775 59.00										1086	
767	66.30 RT TO 770 52.75 RT					287						
769	79.70 LT TO 771 87.88 LT	119										
770	99.65 RT TO 771 87.88 RT	26										
	771 + 46 @ 34' RT								1			
772	22.28 LT TO 772 53.30 LT	39	83									
772	22.28 RT TO 774 47.55 RT	217										
772	22.28 LT TO 774 67.00 LT								117			
772	22.28 RT TO 775 82.01 RT								160			
772	53.30 LT TO 774 47.55 LT	99	593									
773	31.30 LT TO 774 67.00 LT					136						
774	1.58 TO 775 60.00		995									
775	60.00 TO 779 0.00	907										
775	82.01 RT TO 1 86.37			141								13 STA. TO WALTON WAY STA.
775	79.41 LT TO 776 39.37 LT				438							CENTER OF INTERSECTION
776	65.00 LT TO 777 50.00 LT	378										
777	67.00 LT TO 779 94.00 LT	11										
777	81.47 LT TO 778 0.00 LT				126							
777	93.57 TO 779 0.00		426									
777	94.58 RT TO 779 0.00 RT								104			WALTON WAY STA. TO 13 STA.
2	6.91 TO 777 94.37			138								
ILLINOIS 13 WB LANES (WB STA)												
766	0.00 LT TO 769 0.97 LT	243										
766	0.00 TO 772 13.96		1638									
768	51.28 RT TO 772 13.96 RT								184			
769	0.97 LT TO 772 13.96 LT								162			
770	71.60 LT TO 776 39.02 LT					568			348			
772	22.28 RT TO 776 9.70 RT								172			
772	22.28 LT TO 776 9.70 LT								414			
772	22.28 TO 776 9.70		1033									
776	9.70 TO 778 85.00	601										
776	17.10 LT TO 0 86.51			91								13 STA. TO WILL. CO. PARK. STA.
	776+38.00 @ 67' LT									1		
	777+88.00 @ 63.23' LT									1		
778	35.00 TO 780 38.38		1356									
778	35.00 LT TO 782 4.20 LT								164			
	778 + 42 @ 38' LT											
780	38.38 RT TO 783 61.91 RT	224	1484									
1	63.11 TO 778 18.53 LT			175					144			WILL. CO. PARK. STA. TO 13 STA.
WALTON WAY												
0	76.23 TO 1 0.00	64										
0	76.23 LT TO 2 6.91 LT	457										
0	76.23 RT TO 4 3.25 RT	1264										
0	99.63 TO 3 2.40				2571							
1	50.00 LT TO 3 13.45 RT		578									
1	86.37 RT TO 4 33.71 RT			277								
3	13.45 LT TO 501 17.15		953									
500	39.38 RT TO 501 16.42 RT			82								PWALT-1 ALIGNMENT TO PWALT-E PWALT-E ALIGNMENT
500	5.82 RT TO 501 17.15 RT	405										
WILLIAMSON CO. PARKWAY												
0	12.00 TO 0 24.00	99										61' X 12' SECTION NEXT TO WB 13
0	12.00 LT TO 1 86.18 LT	156										
0	12.00 RT TO 1 45.19 RT	344										
0	23.94 TO 0 66.88	19										
0	23.94 TO 3 57.12				4480							
0	42.72 TO 2 28.87	107										
0	86.51 TO 6 69.59			608								
2	68.85 TO 6 69.59		1062									NB AREA
2	68.85 TO 6 69.59		1472									SB AREA
	03+04 @ 23.2' LT							1				
	04+07.70 @ 22' LT							1				
TOTALS		5759	13951	1512	7615	991	2678	2	2	2	1086	

PAVEMENT AND SHOULDER SCHEDULE

LOCATION STATION	STATION TO	HMA BC, IL-19.0, N90	POLYMERIZED HMA BC, IL-19.0, N105	POLYMERIZED HMA SC, MIX "D", N105	POLYMERIZED HMA SC, MIX "E", N105	PCC PAVEMENT 10" (JOINTED)	HMA SHOULDERS, 14 3/4"	HMA SHOULDERS, 8"	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	PROTECTIVE COAT	BIT. MAT. (PRIME COAT)	AGGREGATE (PRIME COAT)	STRIP REFLECTIVE CRACK CONTROL TREATMENT	REMARKS
		TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	GAL	TON	FOOT	
ILLINOIS 13 EB LANES (EB STA)															
763	34.55 RT TO 771 88.78 RT	1490	384				853			3423					
763	34.55 LT TO 771 88.78 LT				407							943	16	1063	
764	49.12 LT TO 771 88.78 LT							477							
769	79.70 LT TO 774 1.58 LT	150	37							261					
772	22.28 LT TO 774 10.16 LT	167	43							295					
772	22.28 RT TO 775 40.16 RT						162								
772	22.28 RT TO 775 60.00 RT	720	187							1402					
772	22.28 LT TO 775 60.00 LT				265							506	8	518	
774	10.16 LT TO 774 67.00 LT							34							
775	60.00 TO 777 93.59					1246			1246		1246				
776	65.00 TO 777 50.00					378			378		378				CENTER OF INTERSECTION
777	93.59 RT TO 779 0.00 RT	121	31							288					
777	93.59 LT TO 779 0.00 LT				53							94	2	107	
778	27.36 RT TO 779 0.00 RT						64								
ILLINOIS 13 WB LANES (WB STA)															
766	0.00 LT TO 772 13.96 LT	499	126							1588					
766	0.00 RT TO 772 13.96 RT				207							369	6	614	
768	51.28 RT TO 772 13.96 RT							255							
772	22.28 LT TO 775 47.85 LT									363					
772	22.28 RT TO 775 79.89 RT									232					
772	22.28 LT TO 776 9.70 LT	399	103												
772	22.28 RT TO 776 9.70 RT				143							272	5	388	
776	9.71 TO 778 35.00					901			901		901				
778	8.00 LT TO 778 35.00 LT					22			26		22				
778	8.00 RT TO 782 4.20 RT						436								
778	35.00 LT TO 782 4.20 LT	300	76							955					
778	35.00 RT TO 783 61.91 RT				269							438	7	694	
780	38.38 RT TO 783 61.91 RT	216	54					158		385					
WALTON WAY															
0	99.77 TO 1 50.00					779			835		779				
1	50.00 LT TO 2 6.91 LT	47	18							144					
1	50.00 RT TO 4 33.71	707	268		274					1785		617	10	254	PWALT-1 ALIGN.
499	44.48 TO 501 16.42	303	116		73					777		104	2	132	PWALT-E ALIGN.
WILLIAMSON CO. PARKWAY															
0	23.94 TO 2 86.35					311			311		311				
0	24.00 RT TO 1 63.11 RT					326			397		326				
0	24.00 LT TO 2 68.85 LT					821			910		821				
2	68.85 TO 6 69.58	210	80		264					585		375	6	434	SECTION NEXT TO PROP. MEDIAN
TOTALS		5329	1523	611	1344	4784	2603	1247	5004	12973	4784	3718	62.0	4204	

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	REMARKS
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	EACH	EACH	FOOT	
ILLINOIS 13 (EB LANES)												
763 + 35.00 RT TO 776 + 20.00 RT	1.7	1.7	204	204	204	3.4	6.8					
763 + 35.00 RT TO 770 + 69.00 RT								320				
764+00									1			
764+50									1			
765+00									1			
765+50									1			
766+00									1			
766+50									1			
767+00									1			
767+50									1			
768+00									1			
768+50									1			
769+00									1			
769+50									1			
770+00									1			
771 + 0.00 RT TO 4 + 33.00 RT											705	EB 13 TO WALTON WAY
777 + 40.00 RT TO 779 + 0.00 RT	0.1	0.1	12	12	12	0.2	0.4					
ILLINOIS 13 (WB LANES)												
765 + 0.00 LT TO 766 + 33.00 LT	2.0	2.0	240	240	240	4.0	8.0					
765 + 50.00 LT TO 770 + 33.00 LT								215				
766+00									1			
766+50									1			
767+00									1			
767+50									1			
768+00									1			
768+50									1			
769+00									1			
769+50									1			
770+00									1			
770+60 @ 31.7' RT										1		
770 + 60 RT TO 772 + 26 RT								74				
770 + 70.00 RT TO 772 + 26.00 LT	0.1	0.1	12	12	12	0.2	0.4					MEDIAN
771+00									1			
772+50									1			
774+00									1			
775+50									1			
777 + 40.00 LT TO 783 + 62.00 LT	0.5	0.5	60	60	60	1.0	2.0					
777 + 88.00 LT TO 783 + 62.00 LT								255				
778+09 @ 62.85' LT										1		
780+00 @ 65.71' LT										1		
781 + 22.00 RT TO 782 + 36.00 RT								51				
781 + 22.00 RT TO 783 + 61.00 RT	0.1	0.1	12	12	12	0.2	0.4					MEDIAN
782+36 @ 35.8' RT										1		
WALTON WAY												
1 + 66.00 RT TO 4 + 33.00 RT	0.3	0.3	36	36	36	0.6	1.2					
2 + 20.00 LT TO 779 + 0.00 RT											202	WALTON WAY TO EB 13
WILLIAMSON CO. PARKWAY												
1 + 0.00 LT TO 6 + 69.00 LT	0.4	0.4	48	48	48	0.8	1.6					
TOTALS	5.2	5.2	624	624	624	10.4	20.8	915	26	4	907	

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 763+35 TO 779+00	4536	3402	11937	-8535
ILLINOIS 13 WB 776+00 TO 783+62	2435	1826	9907	-8081
WALTON WAY 01+00 TO 4+00 499+40 TO 501+20	181 330	136 248	361 1	-225 +247
WILLIAMSON CO. PARKWAY 00+00 TO 06+70	273	205	1446	-1241
TOTALS	7755	5816	23652	-17835

25% Shrinkage Factor for Earth Excavation

TREE REMOVAL SCHEDULE

LOCATION STATION TO STATION	TREE REMOVAL (6-15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
	UNIT	UNIT
ILLINOIS 13 WB 765+98 LT 766+35 LT 767+05 LT		31 24 24
ILLINOIS 13 EB 764+44 RT 764+47 RT		24 24
WILLIAMSON CO. PARKWAY 04+99 LT TO 05+52 LT	65	34
TOTALS	65	161

DRAINAGE SCHEDULE

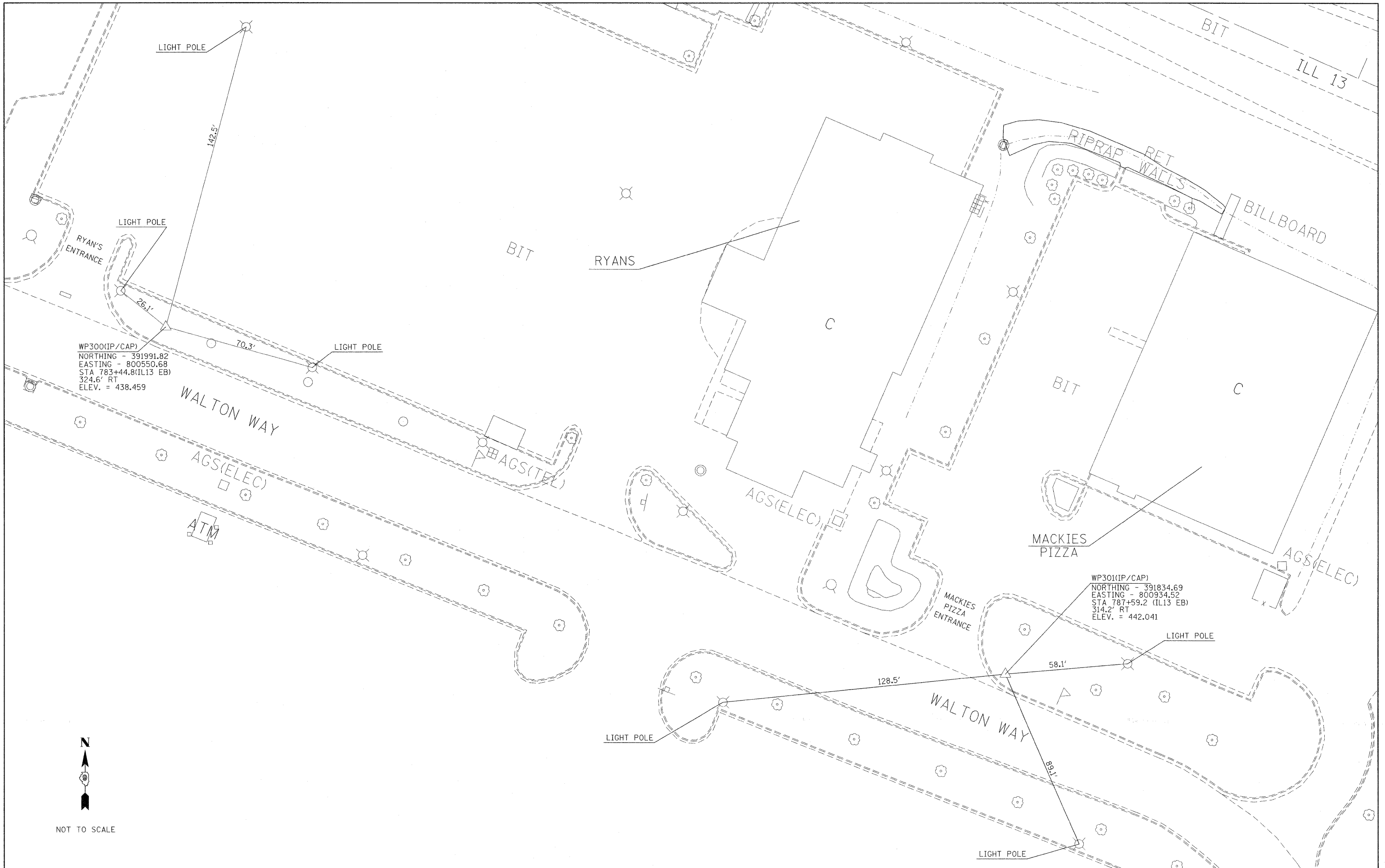
LOCATION STATION TO STATION	PRECAST REINFORCED CONCRETE FLARED END SECTION, 42"	STORM SEWER, CLASS A, TYPE 1 12"	STORM SEWER, CLASS A, TYPE 1 15"	STORM SEWER, CLASS A, TYPE 1 18"	STORM SEWER, CLASS A, TYPE 1 36"	STORM SEWER, CLASS A, TYPE 1 42"	STORM SEWER, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38", RISE 24"	INLETS, SPECIAL, TYPE 3, 6"	MANHOLE, SPECIAL, TYPE 3	FRAMES AND LIDS TO BE ADJUSTED	COMB. CONCRETE CURB AND GUTTER, TYPE B-6, 24	COMB. CONCRETE CURB AND GUTTER, TYPE M-6, 06	COMB. CONCRETE CURB AND GUTTER, TYPE M-6, 24	PAVED DITCH (SPEC.)	CONCRETE MEDIAN, TYPE SM-4, 24 (SPEC.)	PAVED DITCH, TYPE A-37	CONCRETE MEDIAN SURFACE, 4"	TRENCH BACKFILL	CONC. COLLAR	PROT. COAT	REMARKS
	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	SQ. FT.	FOOT	SQ. FT.	CU YD.	CU YD.	SQ. YD.	
ILLINOIS 13 EB LANES (EB STA)																					
772 50 LT TO 774 67 LT														210							
775 39.87 RT TO 2 73.74 RT												31					150			150	MEDIAN ISLAND
775 79.41 LT TO 776 9.80 LT												44									
776 3.09 RT TO 776 32.44 RT													34				526			526	ISLAND
776 3.09 RT TO 776 36.40 RT													38				588			588	ISLAND
777 27.40 RT TO 777 65.51 RT														47							ISLAND
777 31.44 RT TO 777 65.51 RT														35							ISLAND
777 64.91 LT TO 778 0.00 LT																					ISLAND
2 6.91 LT TO 778 27.36 RT											145										WALTON WAY STA. TO EB13 STA
ILLINOIS 13 WB LANES (WB STA)																					
770 56.6 LT TO 775 71.5 LT																522					
775 47.9 LT TO 1 31 LT											145										WB13 STA. TO WILL. CO. STA.
775 76 TO 776 38						65												74.6			
775+75.80 @ 80.5' LT	1																				
775 79.8 RT TO 776 10.2 RT												31									MEDIAN ISLAND
776 9.7 LT TO 776 43.7 LT												47							0.53		
776 9.70 LT TO 776 47.71 LT													38				585			585	ISLAND
777 38.71 LT TO 777 69.57 LT													31				506			506	ISLAND
777 42.71 LT TO 777 69.57 LT													43								ISLAND
777 65.32 RT TO 778 0.41 RT													35				180			180	ISLAND
777 88.00 TO 778 7.00					19													12.7			
777+88.00 @ 63.23' LT										1											
778+10.00		4																	0.24		
778 12.00 TO 779 98.00							186														
780 38.38 RT TO 781 22.00 RT										1				84							
781 + 03.40																					
780 + 2.00 LT TO 781+50.00 LT					148																
1 63.11 RT TO 778 8.00 LT											149										WILL. CO. STA. TO WB13 STA.
WALTON WAY																					
1 5.72 RT TO 1 41.81 RT													36								ISLAND
1 5.80 LT TO 1 41.36 RT													36								ISLAND
1 6.55 TO 3 87.9															1337						
2 73.74 RT TO 3 87.9 RT											114										
499 44.48 RT TO 501 16.1 RT											172										
WILLIAMSON CO. PARKWAY																					
0 30 LT TO 0 65.5 LT																					
1 30 RT TO 0 67.8 RT																					
0 42.72 TO 3 35.01																					
1 31.00 LT TO 6 69.59 LT											537				1119						
34.04, 00 @ 34.3 LT																					
04+07.70 @ 26.8 LT			12					1											0.19		
			6					1											0.19		
TOTALS	1	4	18	148	19	65	186	2	1	1	1493	313	287	294	2456	522	2535	204.4	1.47	2535	

PAVEMENT MARKING SCHEDULE (SHEET 1)

LOCATION STATION TO STATION	PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LINE 4"			PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LINE 12"	PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LINE 24"	PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING GROOVING	PAVEMENT MARKING GROOVING	REMARKS
	WHITE SOLID FOOT	YELLOW SOLID FOOT	WHITE DASHED FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	SQ FT	
ILLINOIS 13 EB LANES (EB STA)										
763 + 34.62 LT TO 771 + 88.78 LT		859								INSIDE EDGE LINE
763 + 57.97 TO 771 + 88.78			208							
764 + 16.20 TO 771 + 88.78			179							
767 + 8.92 RT TO 771 + 88.78 LT	480									OUTSIDE EDGE LINE
767 + 15.72 TO 771 + 88.78			119							
772 + 22.28 RT TO 775 + 40.16 RT	323									OUTSIDE EDGE LINE
772 + 22.28 TO 776 + 25.36			303							MULTIPLE DASHED LANES
772 + 22.28 LT TO 776 + 2.30 LT		380								INSIDE EDGE LINE
772 + 53.30 LT TO 776 + 2.30 LT	698									2 LT TURN LANES
772 + 67.70						23.6				
773 + 24.41						31.2				
774 + 42.92						23.6				
774 + 99.46						31.2				
775 + 60.00 TO 776 + 33.00							70	145		EXIST LANE LINES
775 + 62.77 RT TO 776 + 47.40 RT	274			130				286	126	SW ISLAND
776 + 0.00 TO 777 + 15.00			36							
776 + 2.00 TO 777 + 90.00								80		LEFT TURN GUIDED DASH RADII
776 + 03.30						24			50	STOP BAR
776 + 19.06						18			32	STOP BAR
776 + 26.39						48			100	STOP BAR
776 + 30.00 TO 776 + 65.00							3			EXIST DASHES
776 + 33.00							48			EXIST STOP BAR
777 + 27.40 RT TO 777 + 89.75 RT	226			80				292	65	EXIST STOP BAR
777 + 27.40 TO 779 + 0.00			132							SE ISLAND
777 + 93.59 TO 779 + 0.00		107								MULTIPLE DASHED LANES
778 + 27.40 TO 779 + 0.00	74									INSIDE EDGE LINE
										OUTSIDE EDGE LINE
WALTON WAY										
1 + 05.00								48	183	EXIST STOP BAR
1 + 5.00 TO 1 + 50.00								45		EXIST LANE LINES
1 + 6.55 TO 3 + 87.9		569								AROUND MEDIAN
01 + 09.77						48			100	STOP BAR
1 + 10.78 TO 3 + 43.21	699					18			38	MULTIPLE LANE LINES NB
01 + 17.74										STOP BAR
1 + 36.07 RT TO 2 + 73.74 RT	138									RT TURN LANE
1 + 69.76 LT TO 3 + 43.21 LT	174									
02 + 00.62										
02 + 04.97									11.5	
02 + 31.55									11.8	
02 + 61.59									69.8	
2 + 73.74 TO 500 + 0.63	211			183					15.6	
02 + 73.86									11.5	
02 + 89.08									59	
SHEET TOTAL	3297	1915	977	393	156	288.8	214	986	511	
SUB TOTALS		6189		393	156	288.8	214	986	511	

PAVEMENT MARKING SCHEDULE (SHEET 2)

LOCATION STATION TO STATION	PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LINE 4"			PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LINE 12"	PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LINE 24"	PRE. PLASTIC PVMT. MARK. TYPE B - INLAID - LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING GROOVING	PAVEMENT MARKING GROOVING	REMARKS
	WHITE SOLID	YELLOW SOLID	WHITE DASHED	FOOT	FOOT	SQ FT	SQ FT	FOOT	SQ FT	
ILLINOIS 13 WB LANES (WB STA)										
776 + 0.00 LT TO 768 + 81.18 LT	282									RT TURN LANE
766 + 0.00 TO 772 + 13.96	614		154			15.6				
766 + 05.87						11.8				
766 + 62.33						15.6				
768 + 10.65						11.8				
768 + 51.13 RT TO 772 + 13.96 RT		363								
768 + 67.12						11.8				
769 + 16.03 TO 772 + 13.96			75							
772 + 22.28 TO 775 + 79.89		358								
772 + 22.28 TO 776 + 47.65	326		214							MULTIPLE DASHED LANES NW ISLAND
775 + 84.46 LT TO 776 + 47.71 LT	229			84				290	61	
776 + 60.00 TO 777 + 70.00			40							NE ISLAND
777 + 27.71 LT TO 778 + 5.63 LT	285			133				564	144	
777 + 48.71					36				75	
777 + 50.00 TO 777 + 91.00							4			EXIST DASHES
777 + 50.50 TO 783 + 61.91			306							MULTIPLE DASHED LANES
777 + 55.57									38	
777 + 71.91						18			50	
777 + 72.91 RT TO 781 + 21.91 RT	698					24				2 LT TURN LANES
777 + 72.91 RT TO 783 + 61.91 RT		589								
777 + 91.00 TO 778 + 35.00							44			EXIST LANE LINES
777 + 91.00							48			EXIST STOP BAR
778 + 8.00 TO 788 + 4.38	1994									OUTSIDE EDGE LINE AND RT
778 + 37.44						15.6				
778 + 75.59						31.2				
778 + 94.09						11.8				
779 + 32.22						23.6				
780 + 50.81						31.2				
781 + 07.63						23.6				
781 + 37.17						15.6				
781 + 93.81						11.8				
782 + 4.38 TO 788 + 4.38							744	1044		EXIST HATCHED AREA
WILLIAMSON CO. PARKWAY										
0 + 24.00 TO 2 + 70.00							20	1254		
00 + 30.00							48			EXIST STOP BAR
00 + 34.00						24				
0 + 35.00 TO 3 + 35.01	580					18			50	STOP BAR
00 + 37.76										AROUND NEW MEDIAN
0 + 42.72 TO 3 + 35.01		613								
0 + 44.65 TO 6 + 43.05			150							
00 + 45.00						24			50	
0 + 45.65 TO 3 + 35.01	290							130		EXIST LETTERS AND SYMBOLS
00 + 82.00										
0 + 93.85 TO 1 + 88.31	95									
01 + 26.44						69.8			70	
01 + 83.98						59			59	
02 + 75.16						54.2				
03 + 30.89						47.2				
3 + 35.01 TO 6 + 35.00			150							
3 + 74.94 TO 4 + 99.25	125									
3 + 75.37 TO 6 + 35.74		538								AROUND EXISTING MEDIAN
03 + 90						11.8				
04 + 34.86						15.6				
04 + 50						15.6				
04 + 91.48						11.8				
05 + 15						41.6				
05 + 90						41.6				
SHEET TOTAL	5518	2461	1089	217	144	587.4	1038	3152	597	
TOTALS		15257		610	300	876	1252	4138	1108	0



NOT TO SCALE

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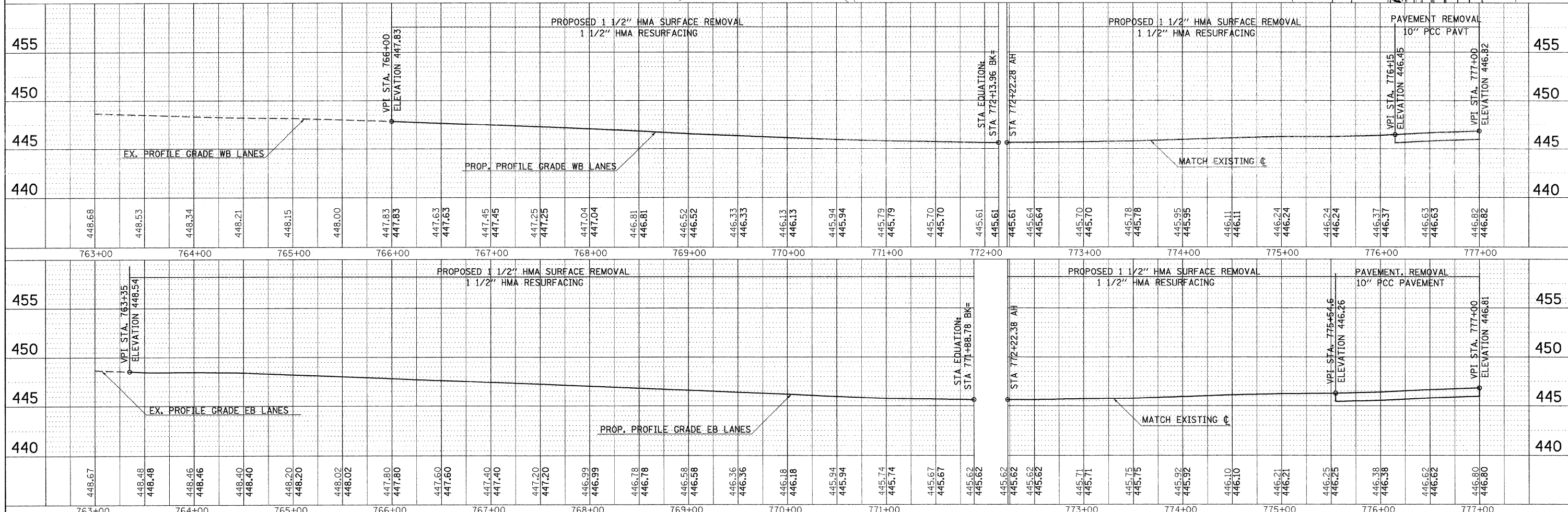
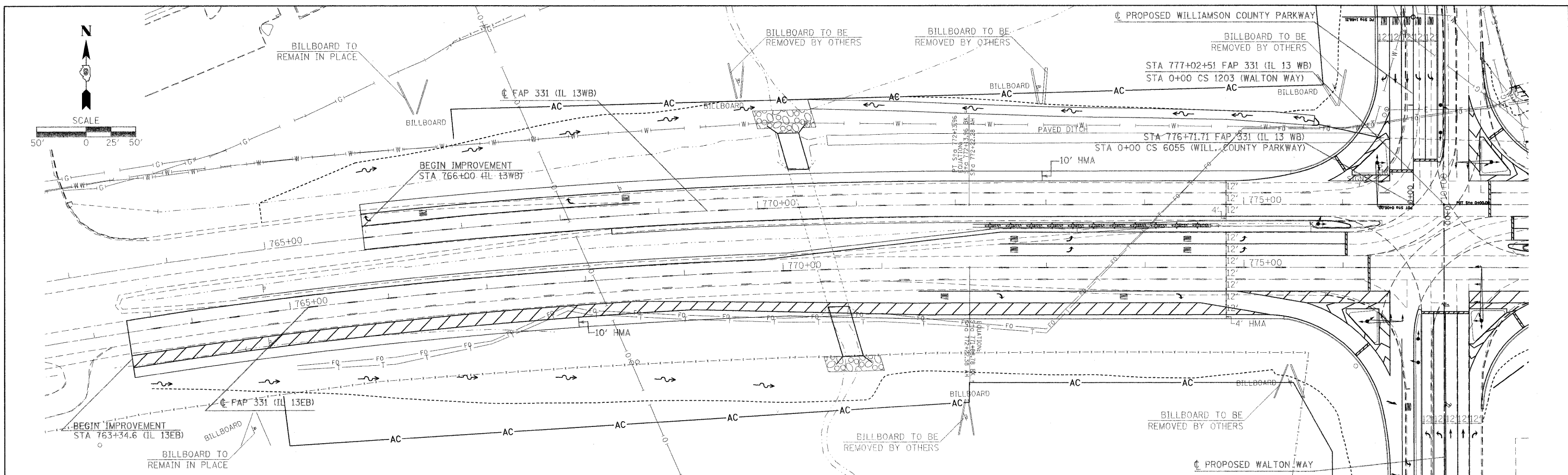
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	37
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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 CHECKED BY
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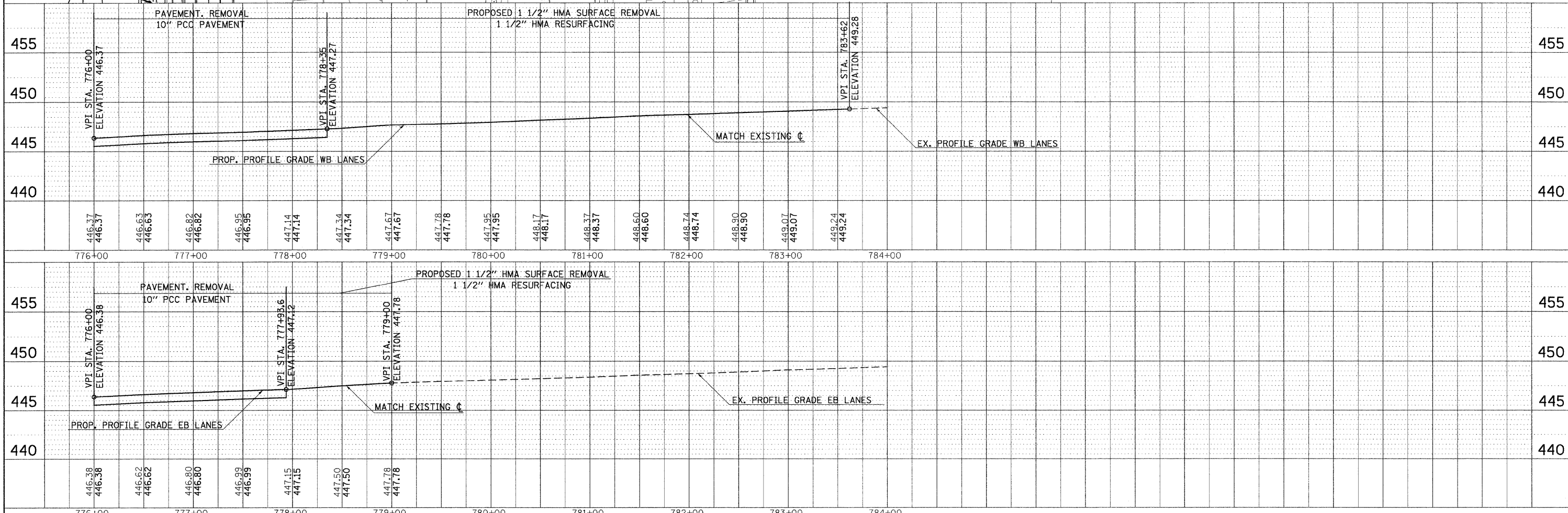
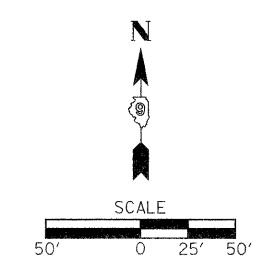
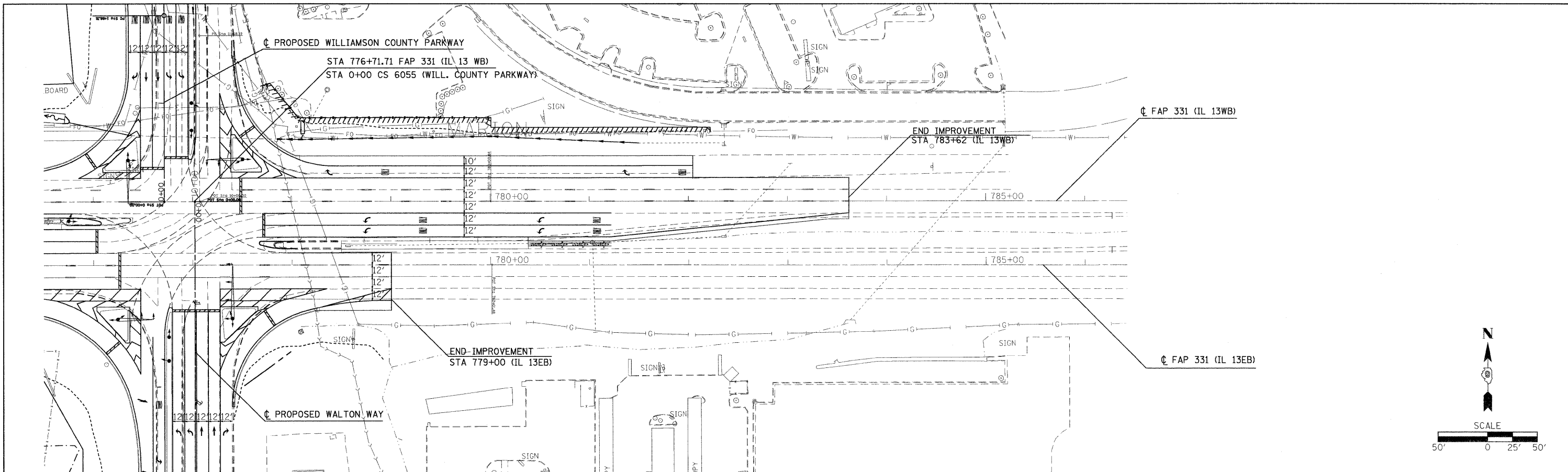
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		DRAWN -	REVISED -					SEC. NO. (IX-1IN-1, TS-2)	WILLIAMSON	190	38	
		DRAWN -	REVISED -					CONTRACT NO. 78053				
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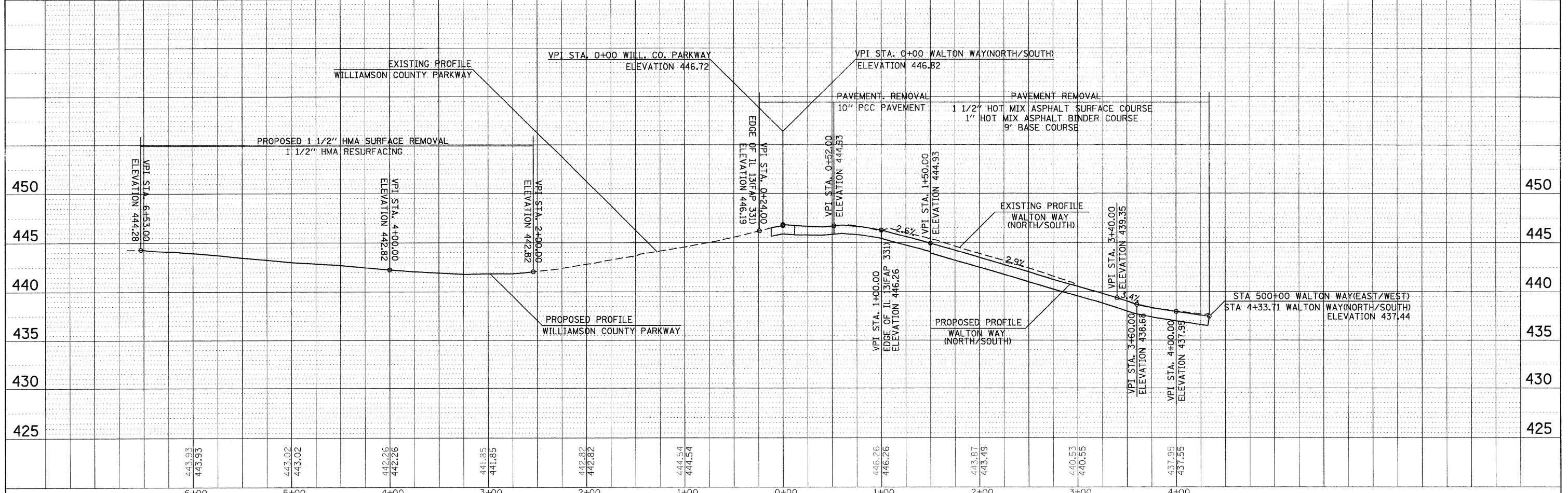
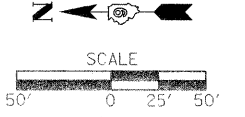
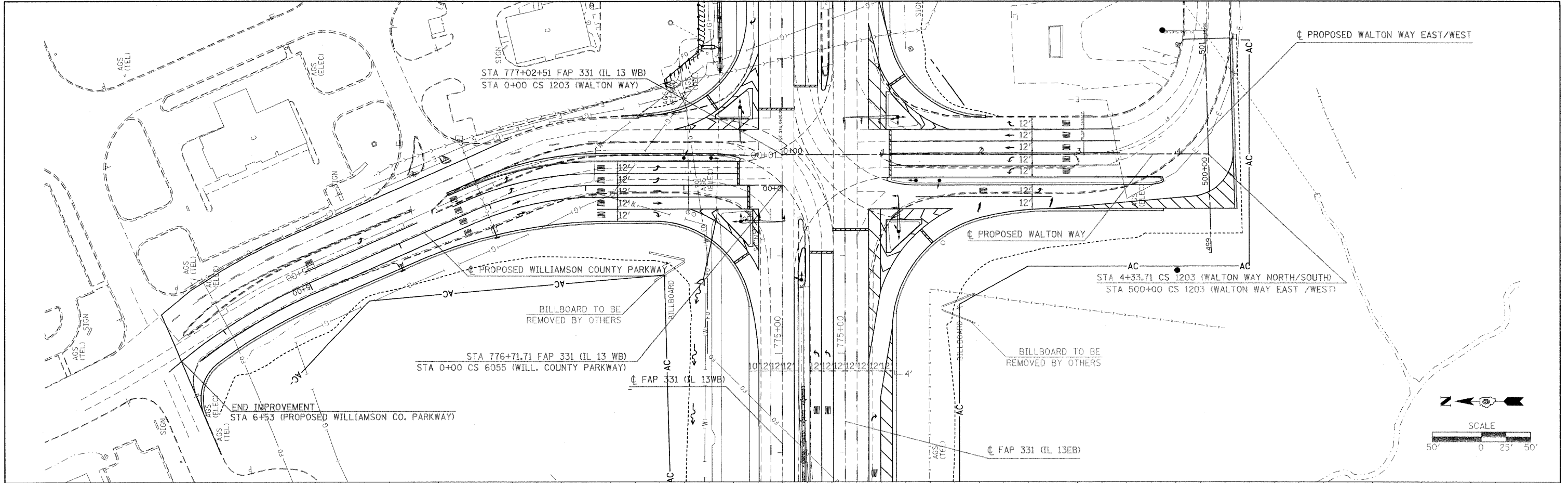
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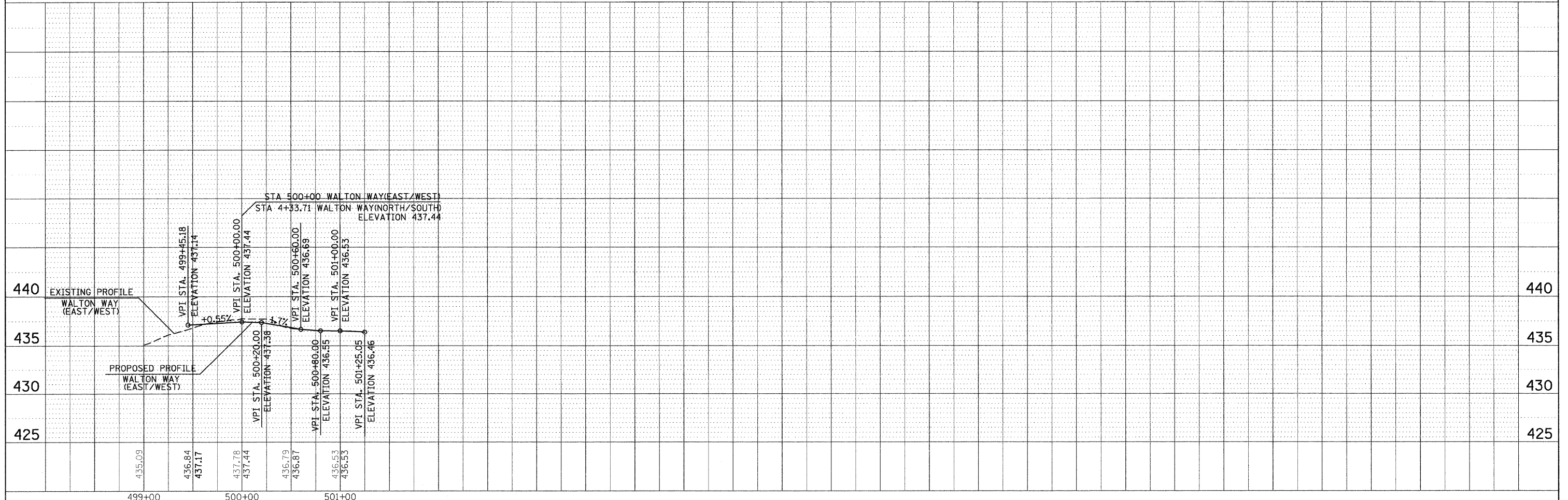
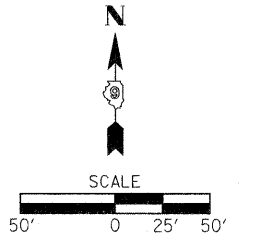
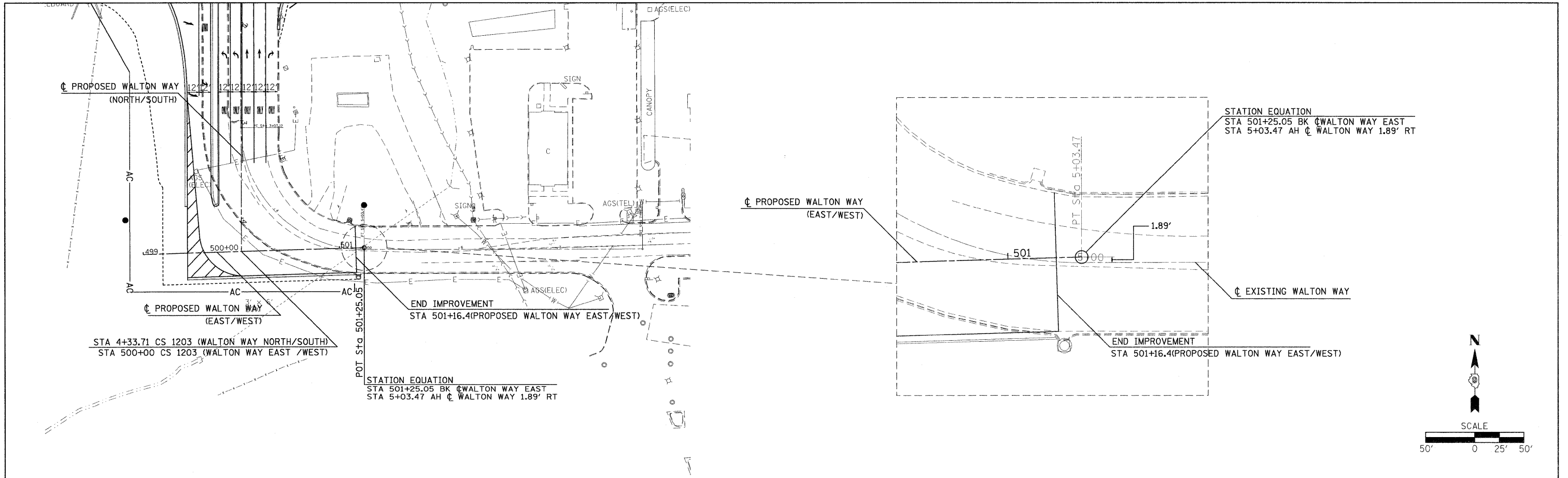
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	NOTED	
	STRUCTURE NOTATIONS	
	CPKD	



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PLOT SCALE = 50,0000 / IN.	CHECKED -	REVISED -	SCALE: 1"=50'			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 78053		
PLOT DATE = 8/3/2009	DATE -	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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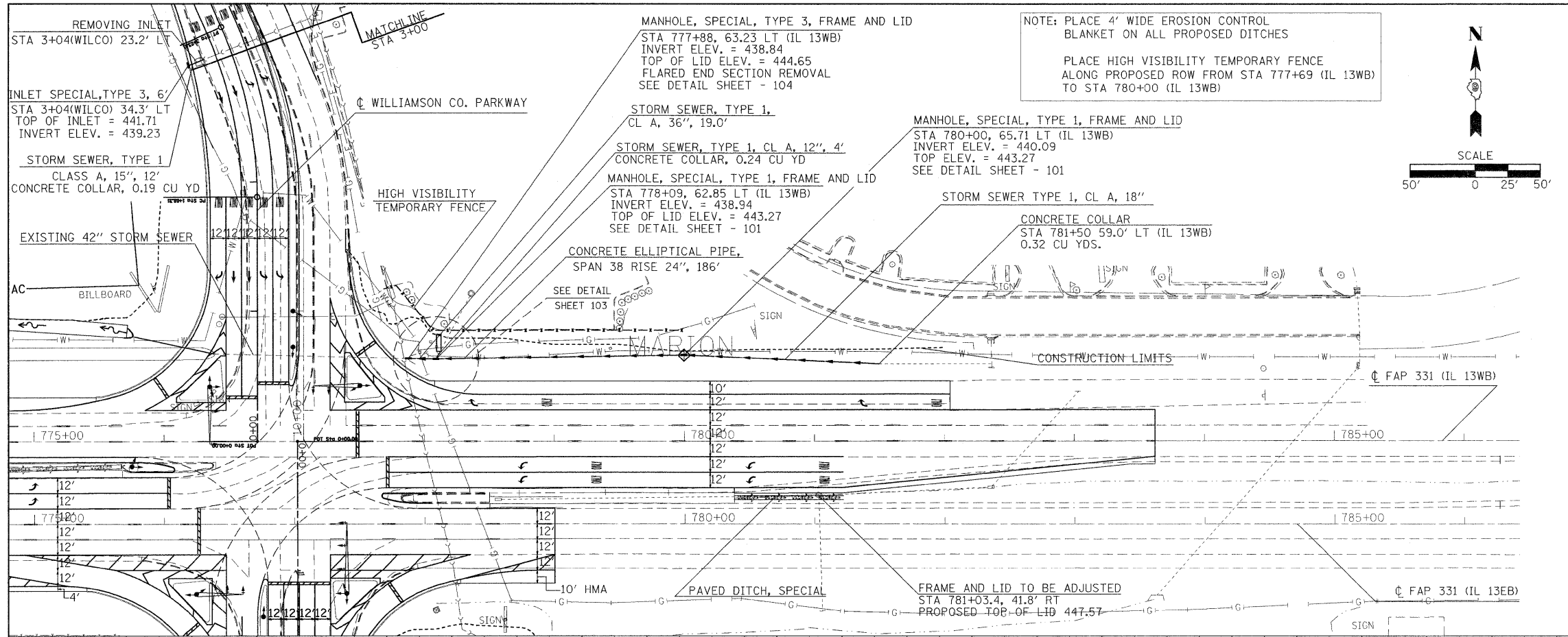
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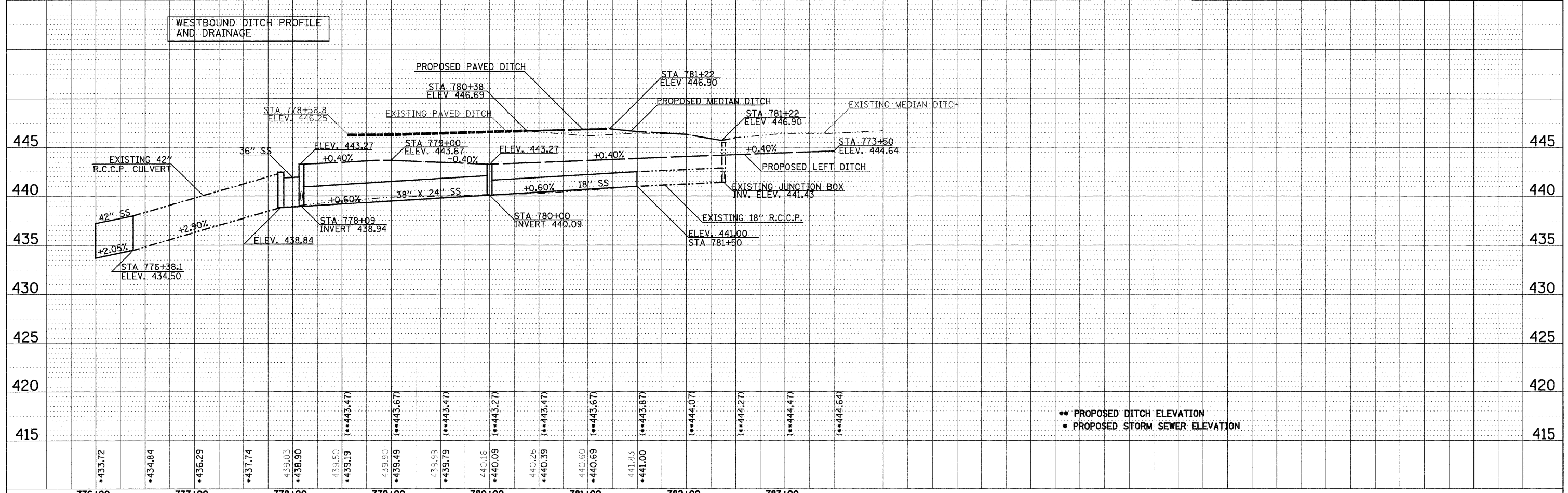
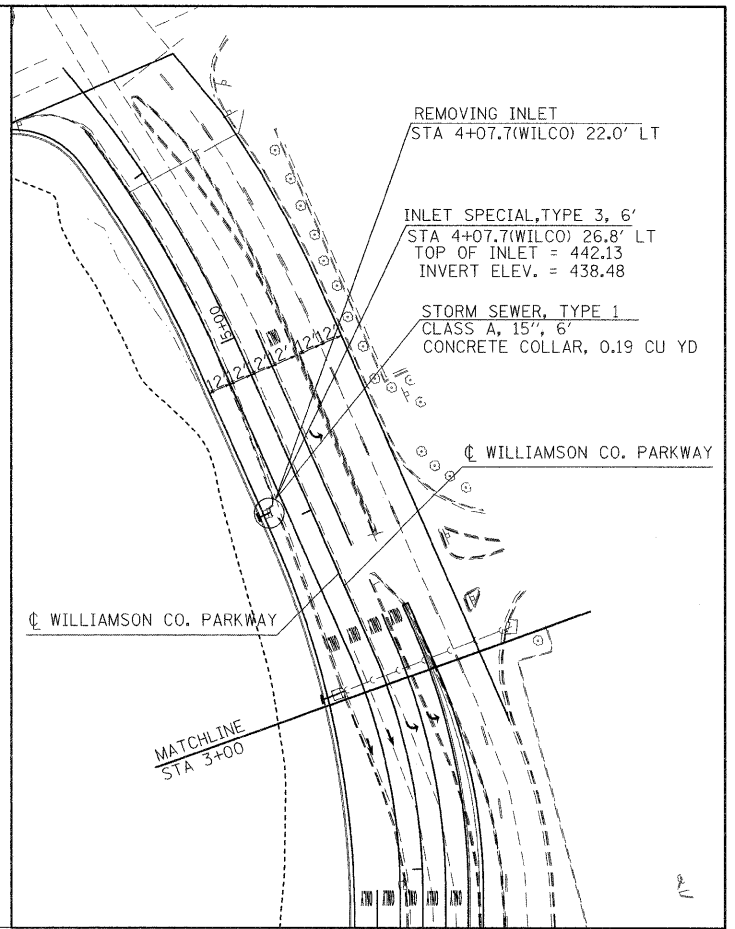
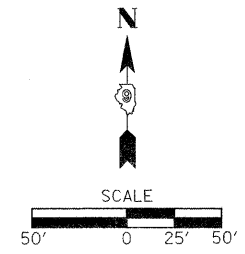
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331	SEC. NO. (IX-11N-1, TS-2)	WILLIAMSON	190					41				
CONTRACT NO. 78053												
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												

DATE: _____ BY: _____
 SURVEYED _____ CHECKED _____
 PLOTTED _____ CHECKED _____
 PLAN NOTE BOOK NO. _____
 CAD FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED _____ CHECKED _____
 PLOTTED _____ CHECKED _____
 PROFILE NOTE BOOK NO. _____
 STRUCTURE NOTATION: CHRD

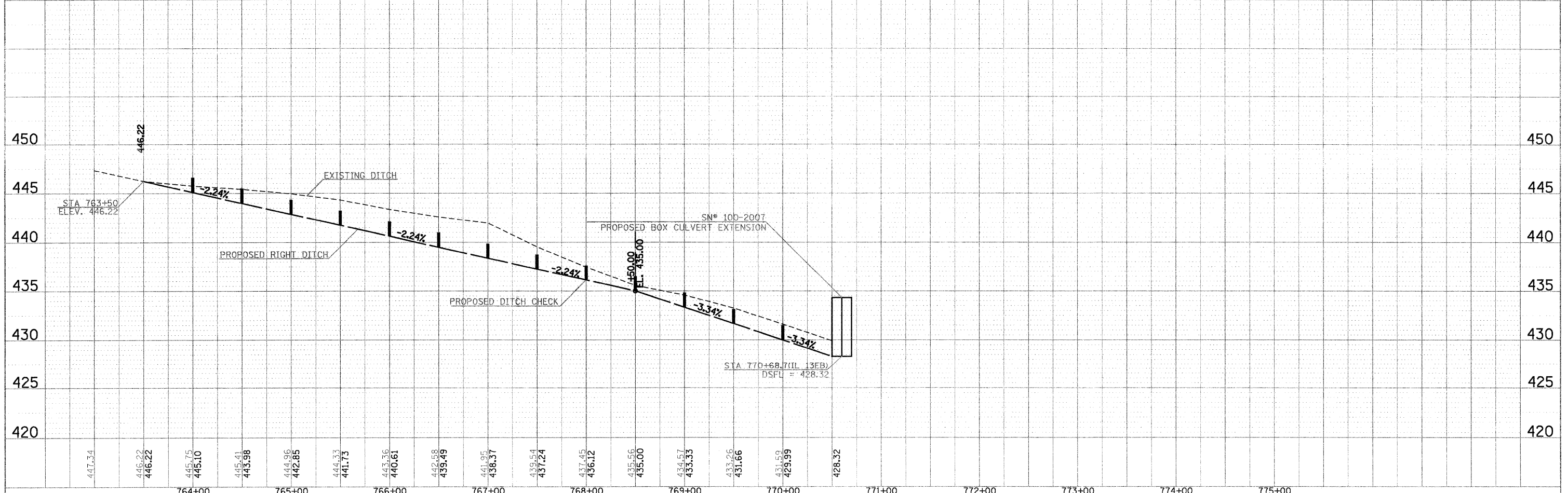
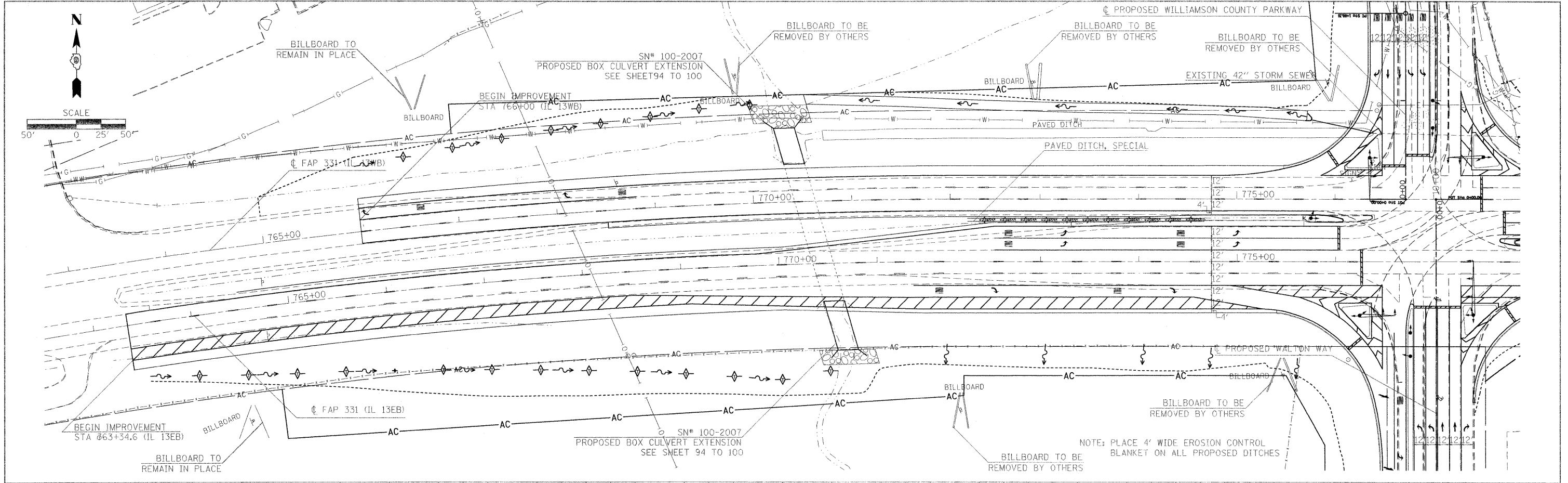


NOTE: PLACE 4' WIDE EROSION CONTROL BLANKET ON ALL PROPOSED DITCHES
 PLACE HIGH VISIBILITY TEMPORARY FENCE ALONG PROPOSED ROW FROM STA 777+69 (IL 13WB) TO STA 780+00 (IL 13WB)



•• PROPOSED DITCH ELEVATION
 • PROPOSED STORM SEWER ELEVATION

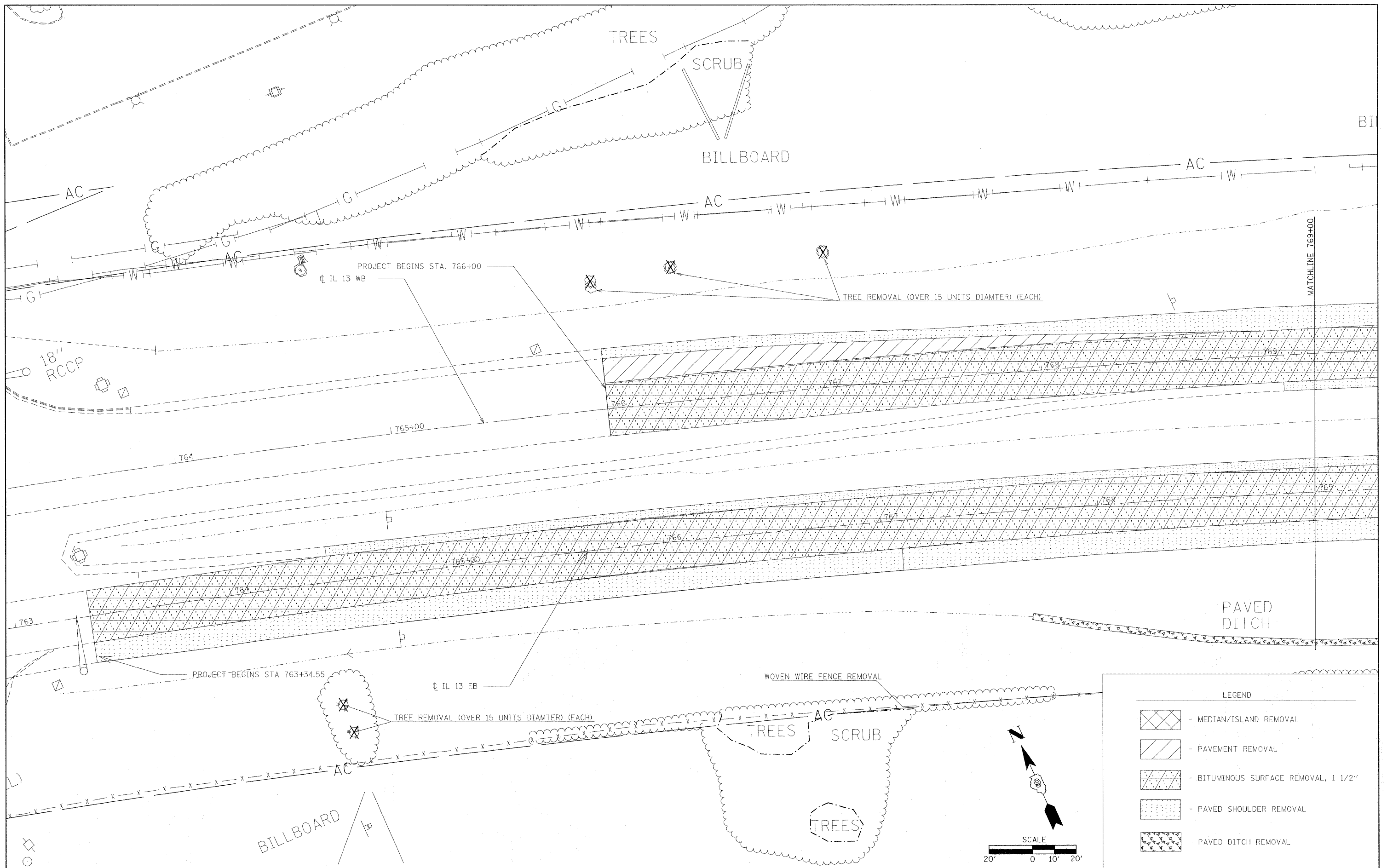
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78053							
PLOT DATE = 5/6/2009	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				
						SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.		



DATE	
BY	
PLAN	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	

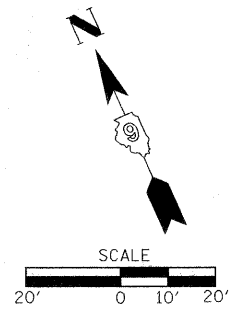
DATE	
BY	
PROFILE	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
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NO. OF SHEETS NOT CHECKED	

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN PROFILE - DRAINAGE				F.A.P. RTE. 331	SECTION 19X-1N-1, TS-2	COUNTY WILLIAMSON	TOTAL SHEETS 190	SHEET NO. 44
DATE = 8/3/2009	NO. OF SHEETS CHECKED	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 78053			
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



LEGEND

- MEDIAN/ISLAND REMOVAL
- PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL, 1 1/2"
- PAVED SHOULDER REMOVAL
- PAVED DITCH REMOVAL



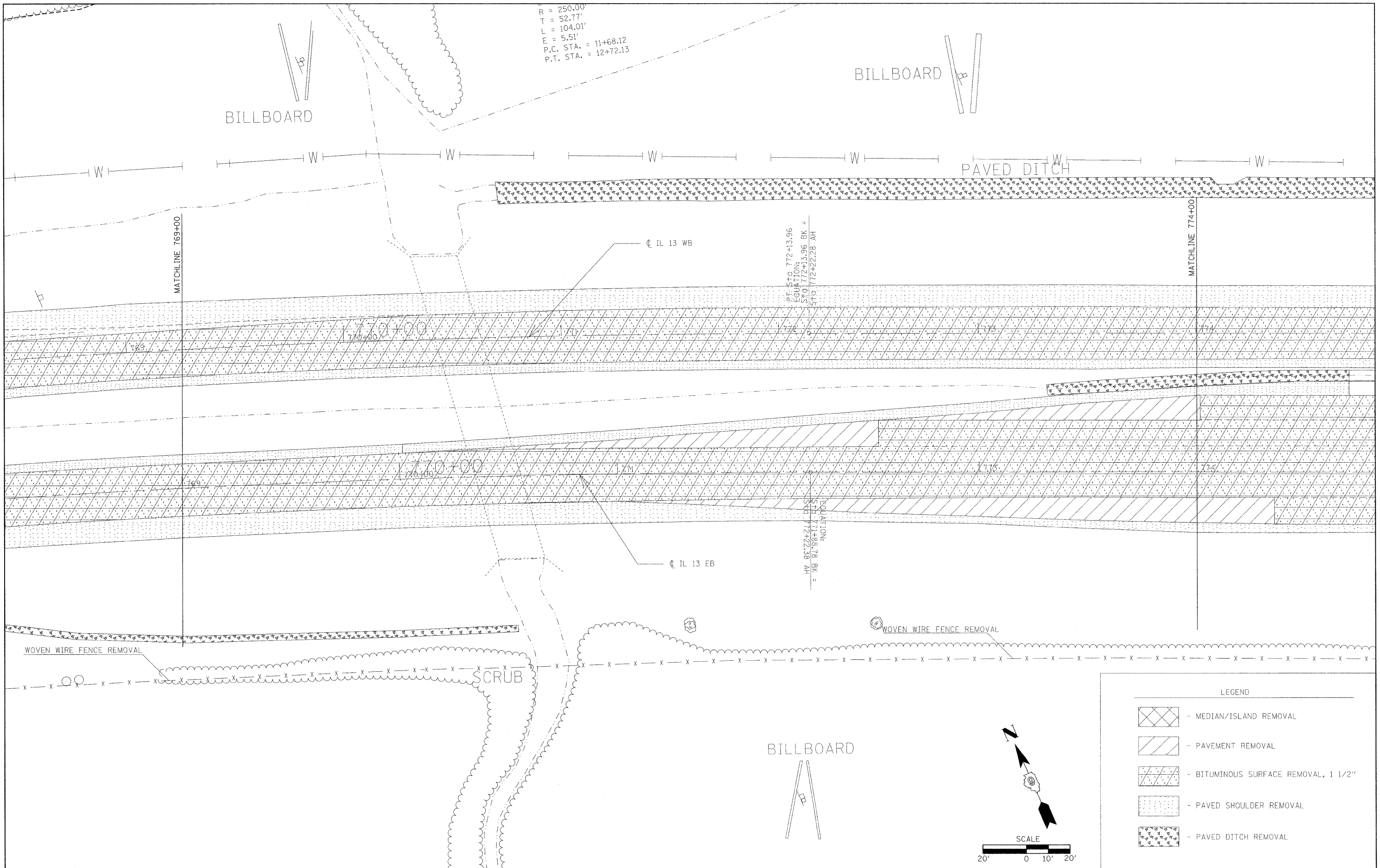
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	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/5/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	45
CONTRACT NO. 78053				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



R = 250.00'
 T = 52.77'
 L = 104.01'
 E = 5.51'
 P.C. STA. = 11+68.12
 P.T. STA. = 12+72.13

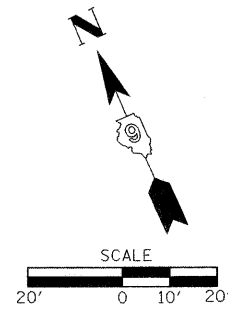
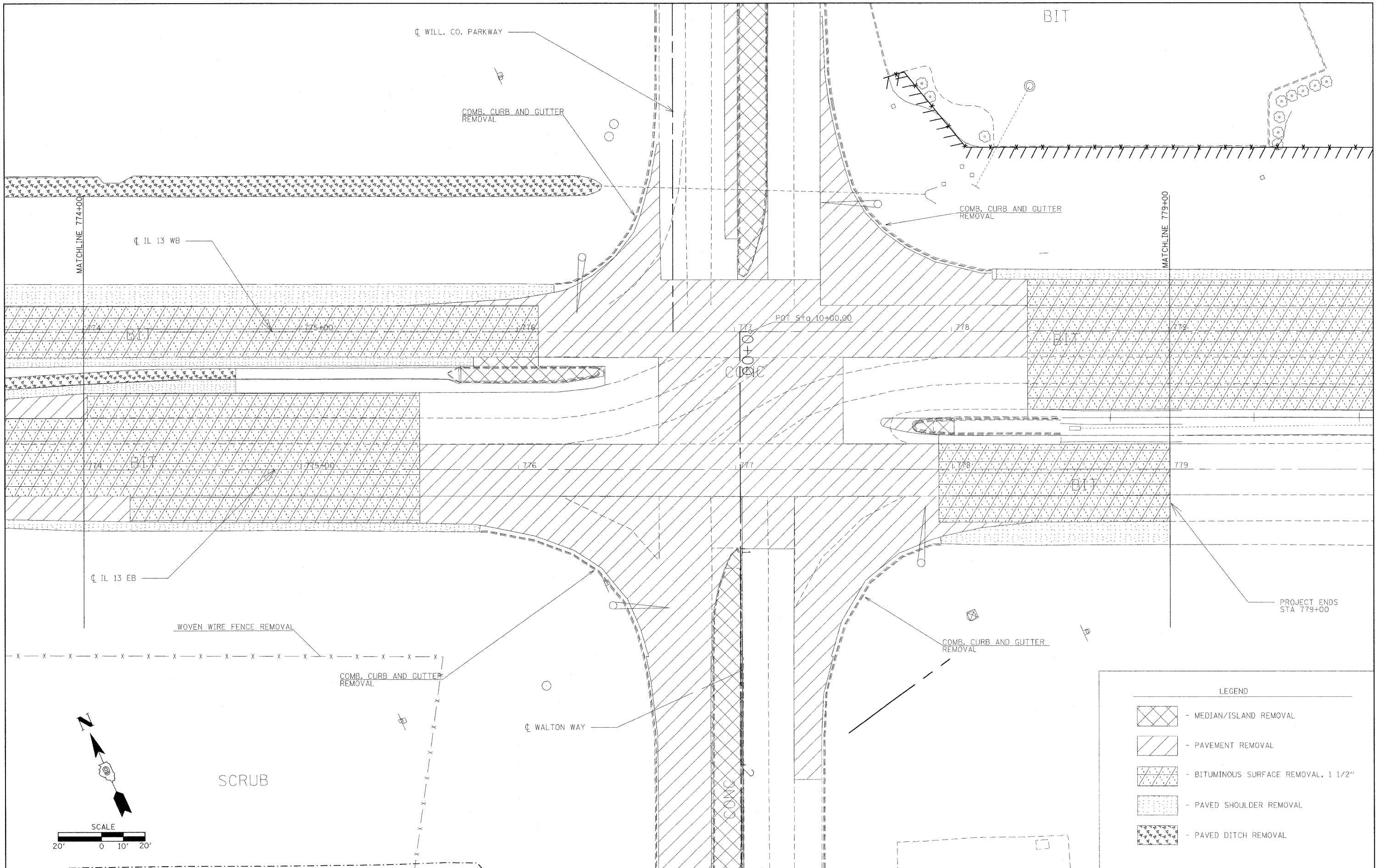
PT. STA. 772+13.96
 EQUATION:
 STA. 772+13.96 BK =
 STA. 772+22.28 AH =

EQUATION:
 HY. 8C122+21.05
 STA. 771+88.78 BK =

LEGEND

- MEDIAN/ISLAND REMOVAL
- PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL, 1 1/2"
- PAVED SHOULDER REMOVAL
- PAVED DITCH REMOVAL

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\work\VPWIDOT\RUSSELLCF\dms43738\p...	p.78053_sht_typical.dgn	DRAWN -	REVISED -		331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	46			
	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -		SCALE: 1"=20'			SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 78053		
	PLOT DATE = 5/5/2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



LEGEND

- MEDIAN/ISLAND REMOVAL
- PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL, 1 1/2"
- PAVED SHOULDER REMOVAL
- PAVED DITCH REMOVAL

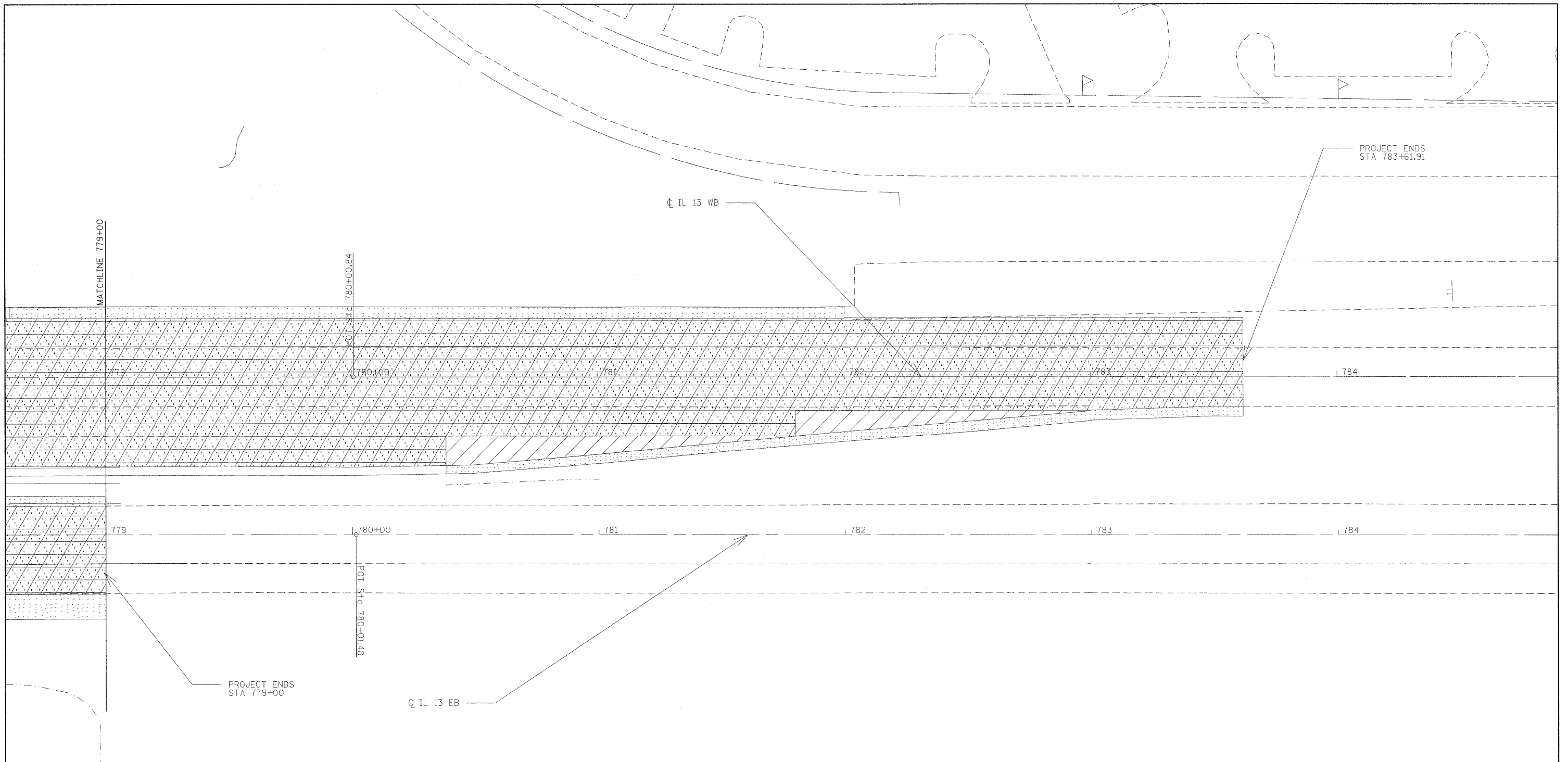
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	PLOT SCALE = 20,00' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/5/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	47
CONTRACT NO. 78053				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



LEGEND

- MEDIAN/ISLAND REMOVAL
- PAVEMENT REMOVAL
- BITUMINOUS SURFACE REMOVAL, 1 1/2"
- PAVED SHOULDER REMOVAL
- PAVED DITCH REMOVAL

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	PLOT DATE = 5/5/2009	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	48
CONTRACT NO. 78053				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



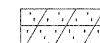
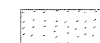
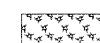


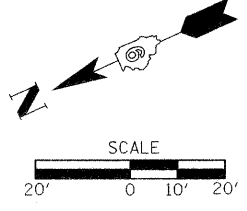
PROP. CURVE P-WILCO-1
 P.I. STA. = 2+56.70
 $\Delta = 23^\circ 50' 15''$ (LT)
 $D = 17^\circ 41' 02''$
 $R = 324.00'$
 $T = 68.39'$
 $L = 134.80'$
 $E = 7.14'$
 P.C. STA. = 1+88.31
 P.T. STA. = 3+23.11

PROP. CURVE P-WILCO-2
 P.I. STA. = 5+84.61
 $\Delta = 16^\circ 51' 36''$ (LT)
 $D = 19^\circ 50' 53''$
 $R = 581.80'$
 $T = 86.22'$
 $L = 171.20'$
 $E = 6.35'$
 P.C. STA. = 4+98.38
 P.T. STA. = 6+69.59

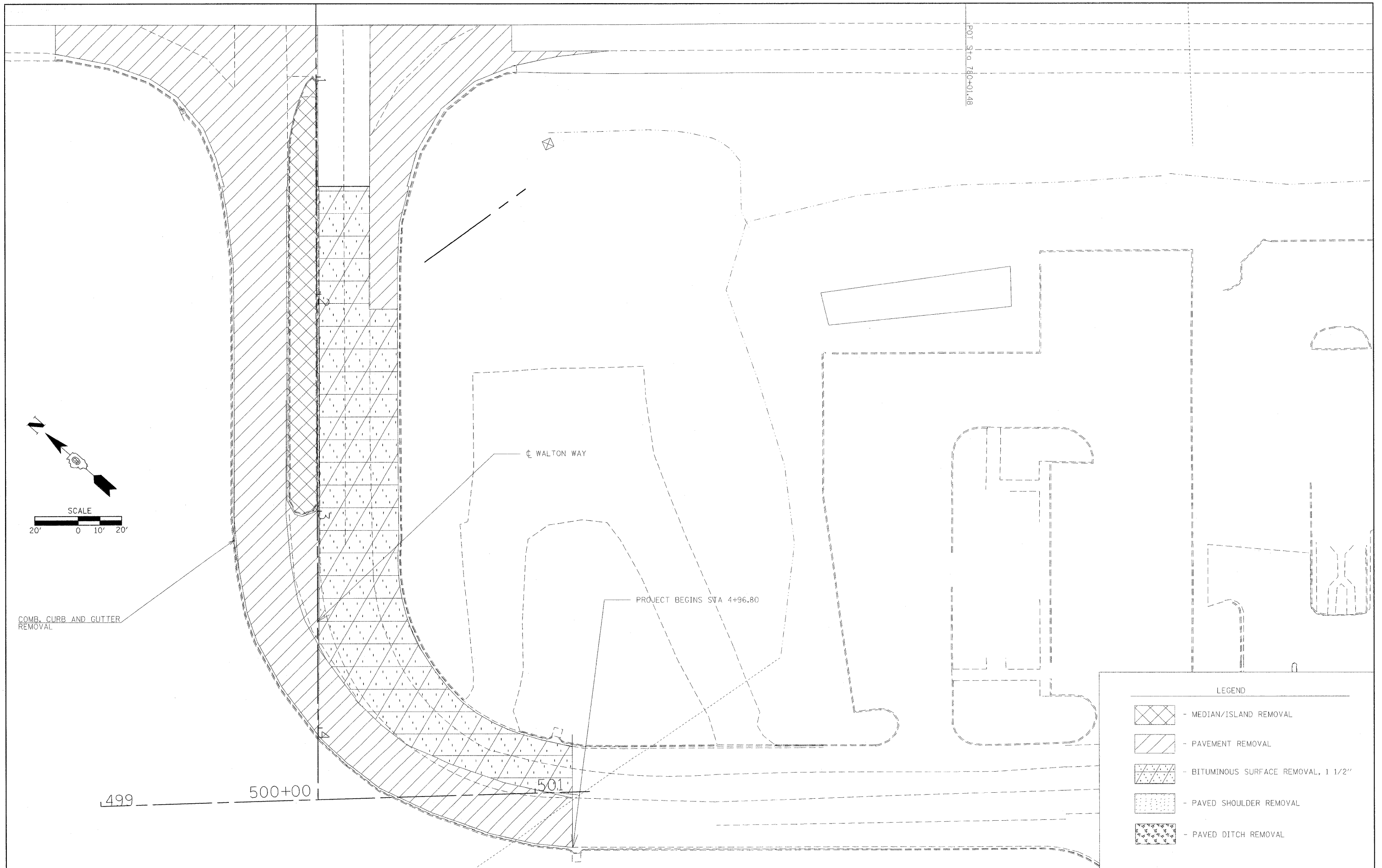
GROUNDS DATA OMITTED
 DUE TO OBSTRUCTED
 VIEW

LEGEND

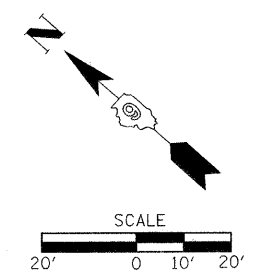
-  - MEDIAN/ISLAND REMOVAL
-  - PAVEMENT REMOVAL
-  - BITUMINOUS SURFACE REMOVAL, 1 1/2"
-  - PAVED SHOULDER REMOVAL
-  - PAVED DITCH REMOVAL



FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 20.00' / IN.		CHECKED -	REVISED -								CONTRACT NO. 78053		
PLOT DATE = 5/5/2009		DATE -	REVISED -								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



POT STA: 780+01.48



COMB. CURB AND GUTTER REMOVAL

WALTON WAY






PROJECT BEGINS STA 4+96.80

499

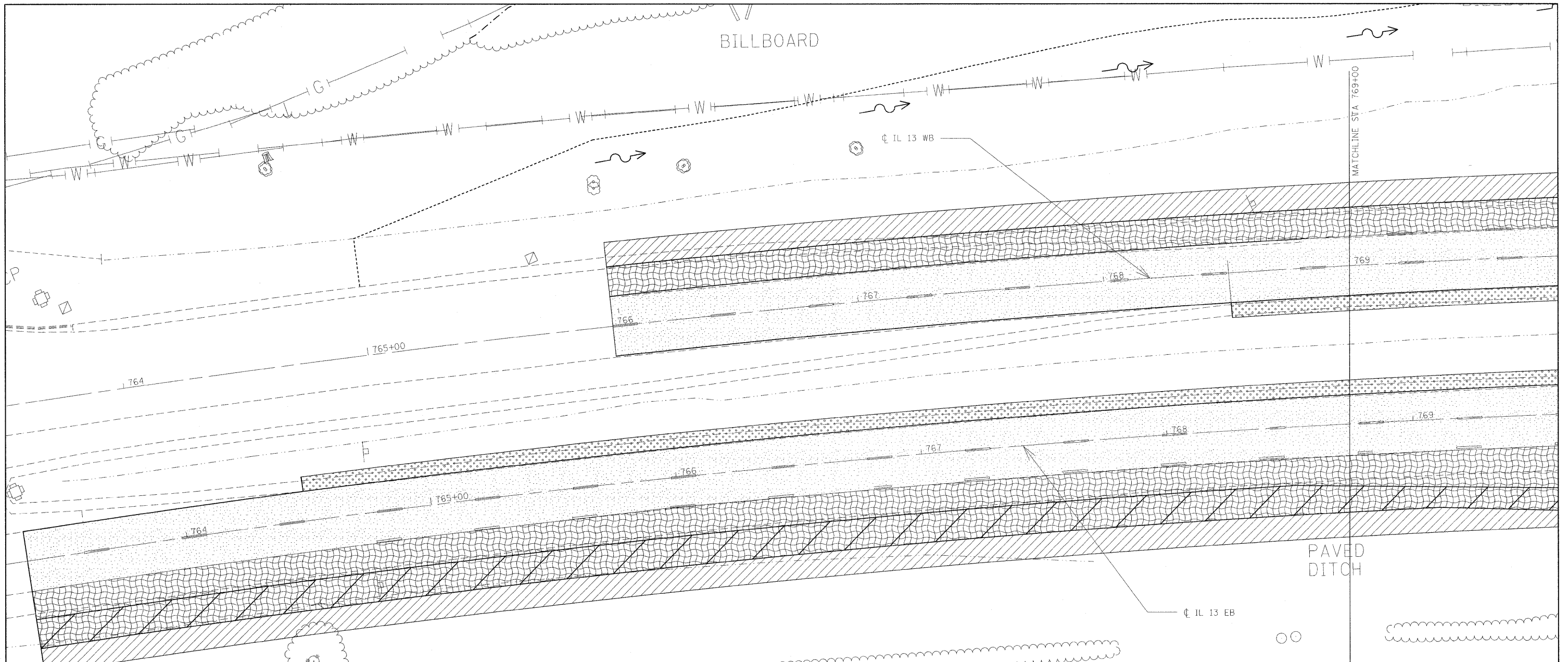
500+00

501

LEGEND

-  - MEDIAN/ISLAND REMOVAL
-  - PAVEMENT REMOVAL
-  - BITUMINOUS SURFACE REMOVAL, 1 1/2"
-  - PAVED SHOULDER REMOVAL
-  - PAVED DITCH REMOVAL

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	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -					SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA.	TO STA.
PLOT DATE = 5/28/2009	DATE -	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT								



LEGEND

	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2"
	PORTLAND CEMENT CONCRETE PAVEMENT, 10 INCH (JOINTED) SUB-BASE GRANULAR MATERIAL, TYPE A 6"
	HOT-MIX ASPHALT SHOULDERS, 14 3/4"
 Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0, 2 3/4\"/> Hot-Mix Asphalt Binder Course, IL-19.0, N90, 7 1/4\"/> Sub-base Granular Material, Type A 8\""/>	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 7 1/4" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
 Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0, 2 3/4\"/> Hot-Mix Asphalt Binder Course, IL-19.0, N90, 10 1/2\"/> Sub-base Granular Material, Type A 8\""/>	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10 1/2" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	HOT-MIX ASPHALT SHOULDERS, 8"
	PAVED DITCH SPECIAL
	PAVED DITCH, TYPE B-30

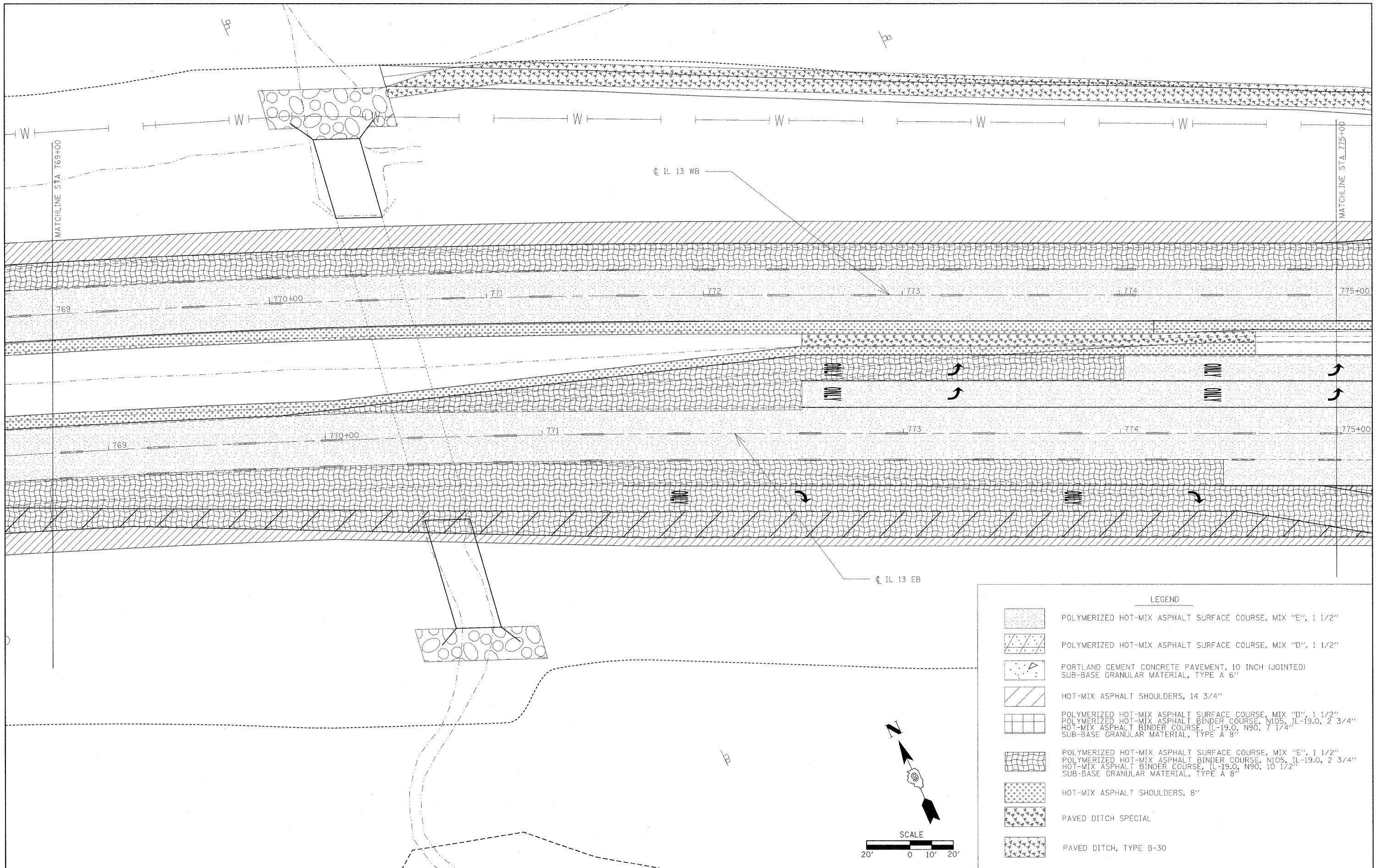
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	PLOT DATE = 5/5/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	190	51
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 78053				



LEGEND

	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2"
	PORTLAND CEMENT CONCRETE PAVEMENT, 10 INCH (JOINTED) SUB-BASE GRANULAR MATERIAL, TYPE A 6"
	HOT-MIX ASPHALT SHOULDERS, 14 3/4"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 7 1/4" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	HOT-MIX ASPHALT SHOULDERS, 8"
	PAVED DITCH SPECIAL
	PAVED DITCH, TYPE B-30

FILE NAME =	USER NAME = russellef	DESIGNED -	REVISED -
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	PLOT DATE = 5/5/2009	DATE -	REVISED -










**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

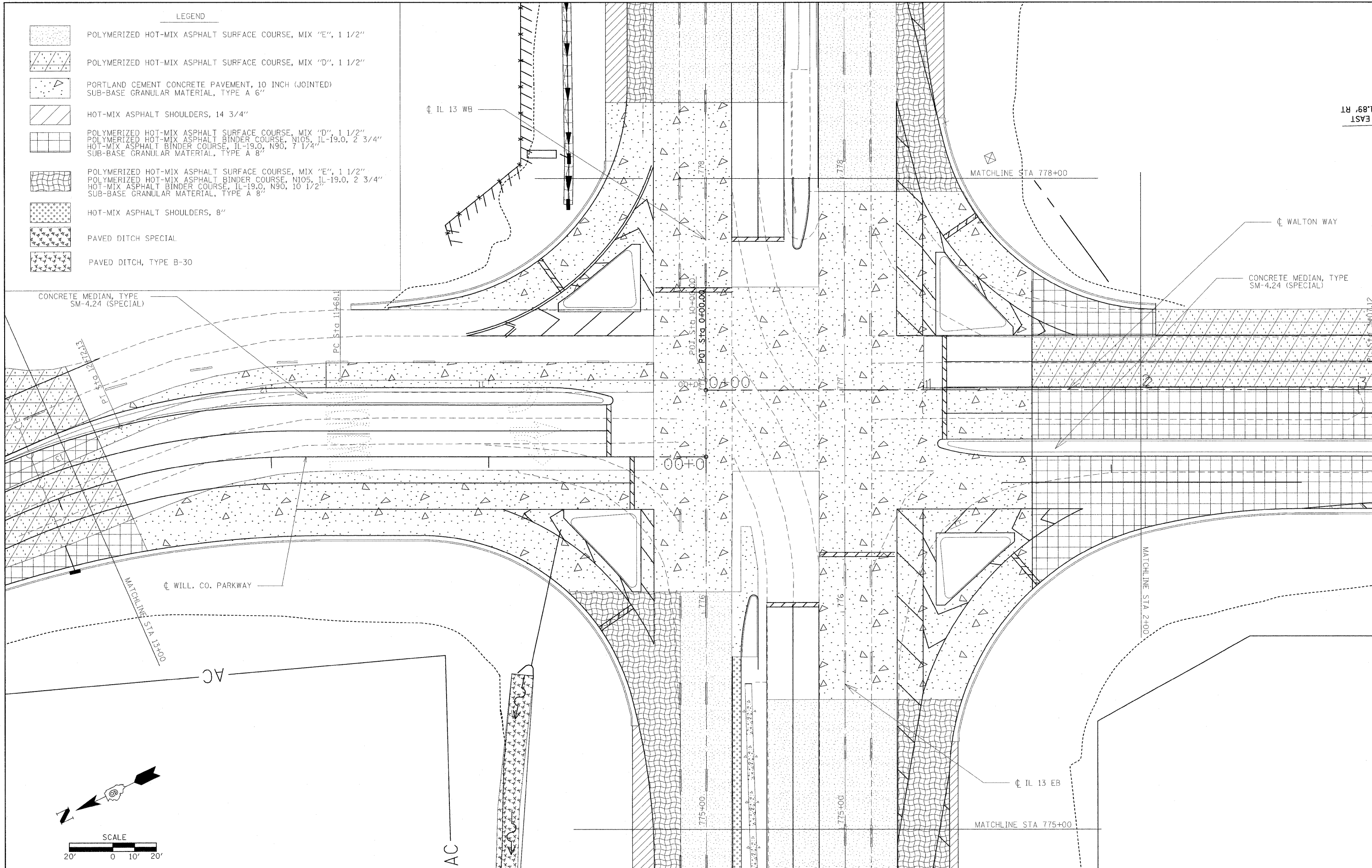
CONSTRUCTION SHEET

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

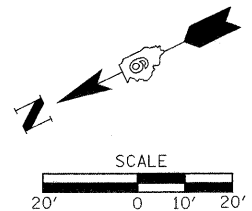
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	52
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2"
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2"
-  PORTLAND CEMENT CONCRETE PAVEMENT, 10 INCH (JOINTED)
SUB-BASE GRANULAR MATERIAL, TYPE A 6"
-  HOT-MIX ASPHALT SHOULDERS, 14 3/4"
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 7 1/4"
SUB-BASE GRANULAR MATERIAL, TYPE A 8"
-  POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10 1/2"
SUB-BASE GRANULAR MATERIAL, TYPE A 8"
-  HOT-MIX ASPHALT SHOULDERS, 8"
-  PAVED DITCH SPECIAL
-  PAVED DITCH, TYPE B-30



EAST
1.89 RT



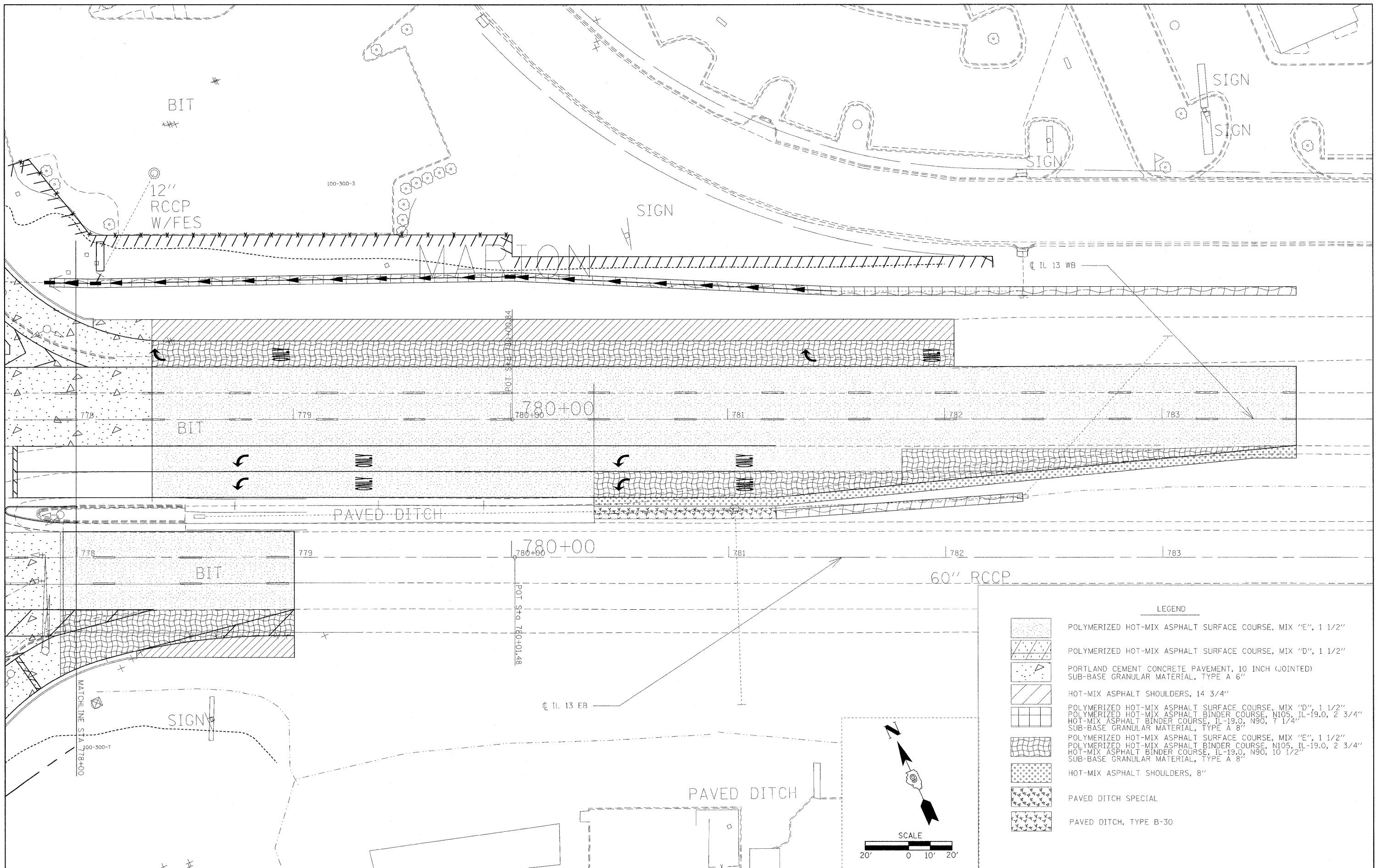
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PLOT SCALE = 20.00' / IN.	
PLOT DATE = 5/5/2009	

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

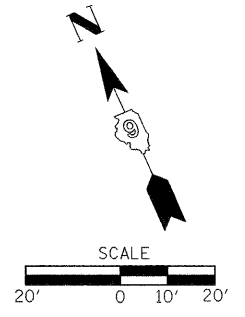
CONSTRUCTION SHEET	
SCALE: 1"=20'	SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	53
CONTRACT NO. 78053				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2"
	PORTLAND CEMENT PAVEMENT, 10 INCH (JOINTED) SUB-BASE GRANULAR MATERIAL, TYPE A 6"
	HOT-MIX ASPHALT SHOULDERS, 14 3/4"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 3/4" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 3/4" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	HOT-MIX ASPHALT SHOULDERS, 8"
	PAVED DITCH SPECIAL
	PAVED DITCH, TYPE B-30



FILE NAME =	USER NAME = russellef
DESIGNED -	DRAWN -
CHECKED -	DATE -
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REVIS	REVIS

DESIGNED -	REVIS
DRAWN -	REVIS
CHECKED -	REVIS
DATE -	REVIS
REVIS	REVIS
REVIS	REVIS
REVIS	REVIS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION SHEET

SCALE: 1"=20'	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	190	54
CONTRACT NO. 78053				
ILLINOIS FED. AID PROJECT				



PROP. CURVE P-WILCO-2
 P.I. STA. = 5+84.61
 $\Delta = 16^\circ 51' 36''$ (LT)
 $D = 9^\circ 50' 53''$
 $R = 581.80'$
 $T = 86.22'$
 $L = 171.20'$
 $E = 6.35'$
 P.C. STA. = 4+98.38
 P.T. STA. = 6+69.59

PROP. CURVE P-WILCO-1
 P.I. STA. = 2+56.70
 $\Delta = 23^\circ 50' 15''$ (LT)
 $D = 17^\circ 41' 02''$
 $R = 324.00'$
 $T = 68.39'$
 $L = 134.80'$
 $E = 7.14'$

LEGEND	
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2"
	PORTLAND CEMENT CONCRETE PAVEMENT, 10 INCH (JOINTED) SUB-BASE GRANULAR MATERIAL, TYPE A 6"
	HOT-MIX ASPHALT SHOULDERS, 14 3/4"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 7 1/4" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10 1/2" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	HOT-MIX ASPHALT SHOULDERS, 8"
	PAVED DITCH SPECIAL
	PAVED DITCH, TYPE B-30

FILE NAME =
 USER NAME = russellf
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 20.00' / IN.
 PLOT DATE = 5/5/2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

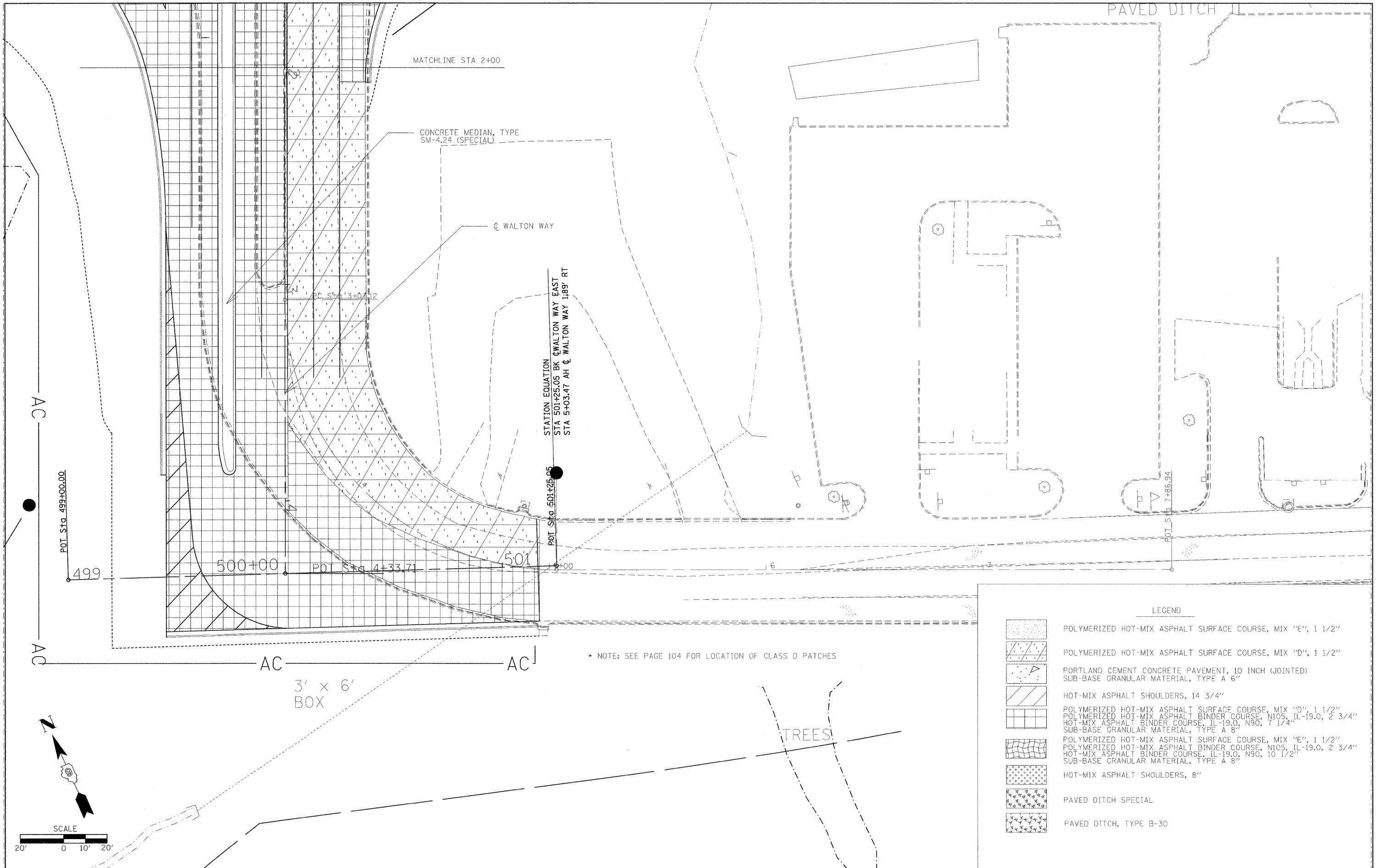
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 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

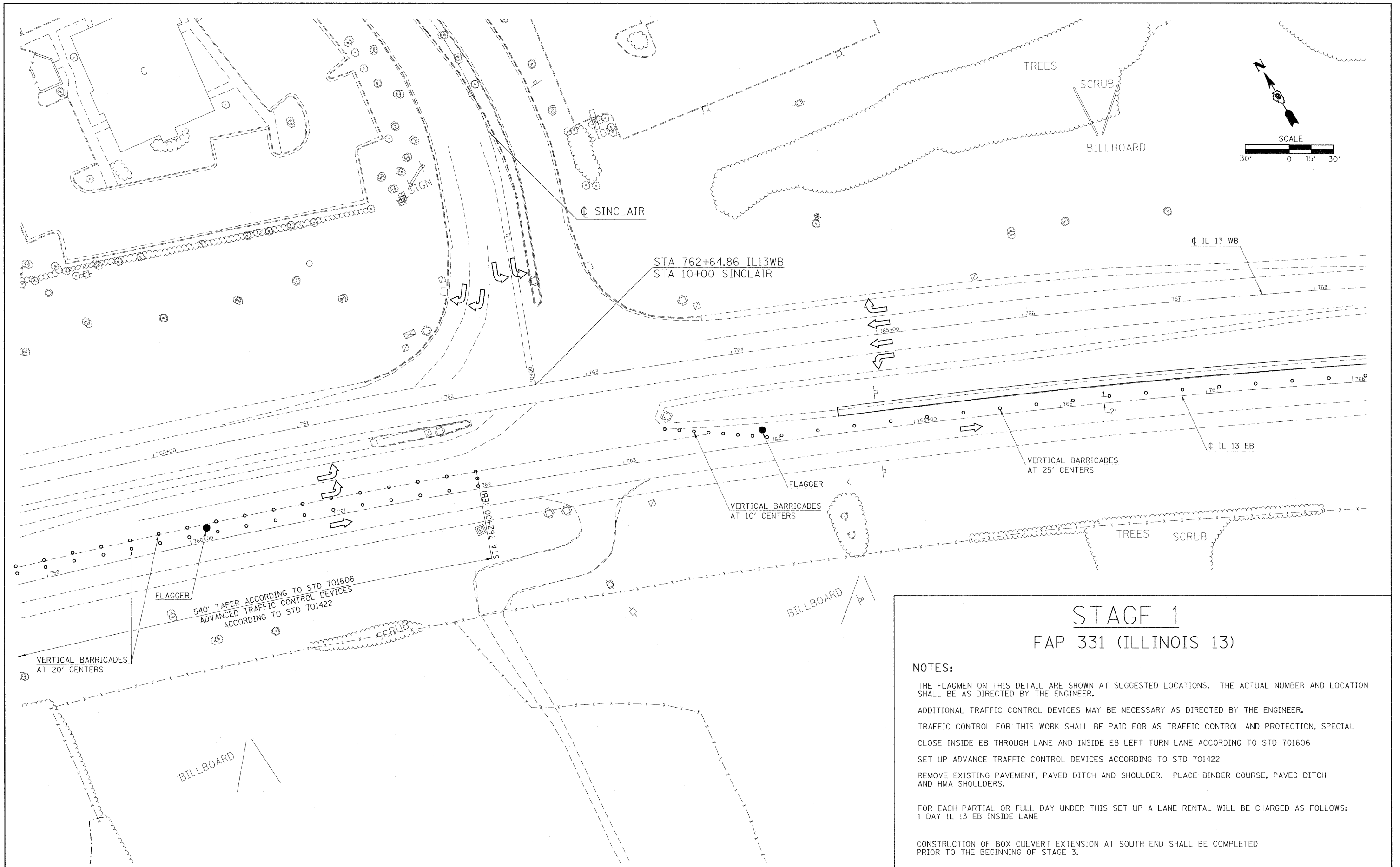
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	190	55
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



* NOTE: SEE PAGE 104 FOR LOCATION OF CLASS D PATCHES

LEGEND	
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2"
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2"
	PORTLAND CEMENT CONCRETE PAVEMENT, 10 INCH (JOINTED) SUB-BASE GRANULAR MATERIAL, TYPE A 6"
	HOT-MIX ASPHALT SHOULDERS, 14 3/4"
 Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0, 2 3/4\" Hot-Mix Asphalt Binder Course, IL-19.0, N90, 7 1/4\" Sub-base Granular Material, Type A 8\""/>	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 7 1/4" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
 Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0, 2 3/4\" Hot-Mix Asphalt Binder Course, IL-19.0, N90, 10 1/2\" Sub-base Granular Material, Type A 8\""/>	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", 1 1/2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0, 2 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10 1/2" SUB-BASE GRANULAR MATERIAL, TYPE A 8"
	HOT-MIX ASPHALT SHOULDERS, 8"
	PAVED DITCH SPECIAL
	PAVED DITCH, TYPE B-30

FILE NAME =	USER NAME = russellr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
as:\pw\work\NP\WIDOT\RUSSELLC\F\dms43738\	78053_sht_typical.dgn	DRAWN -	REVISED -			331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	56	
	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/28/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA.	TO STA.



STAGE 1 FAP 331 (ILLINOIS 13)

NOTES:

THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.

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

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE INSIDE EB THROUGH LANE AND INSIDE EB LEFT TURN LANE ACCORDING TO STD 701606

SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422

REMOVE EXISTING PAVEMENT, PAVED DITCH AND SHOULDER. PLACE BINDER COURSE, PAVED DITCH AND HMA SHOULDERS.

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

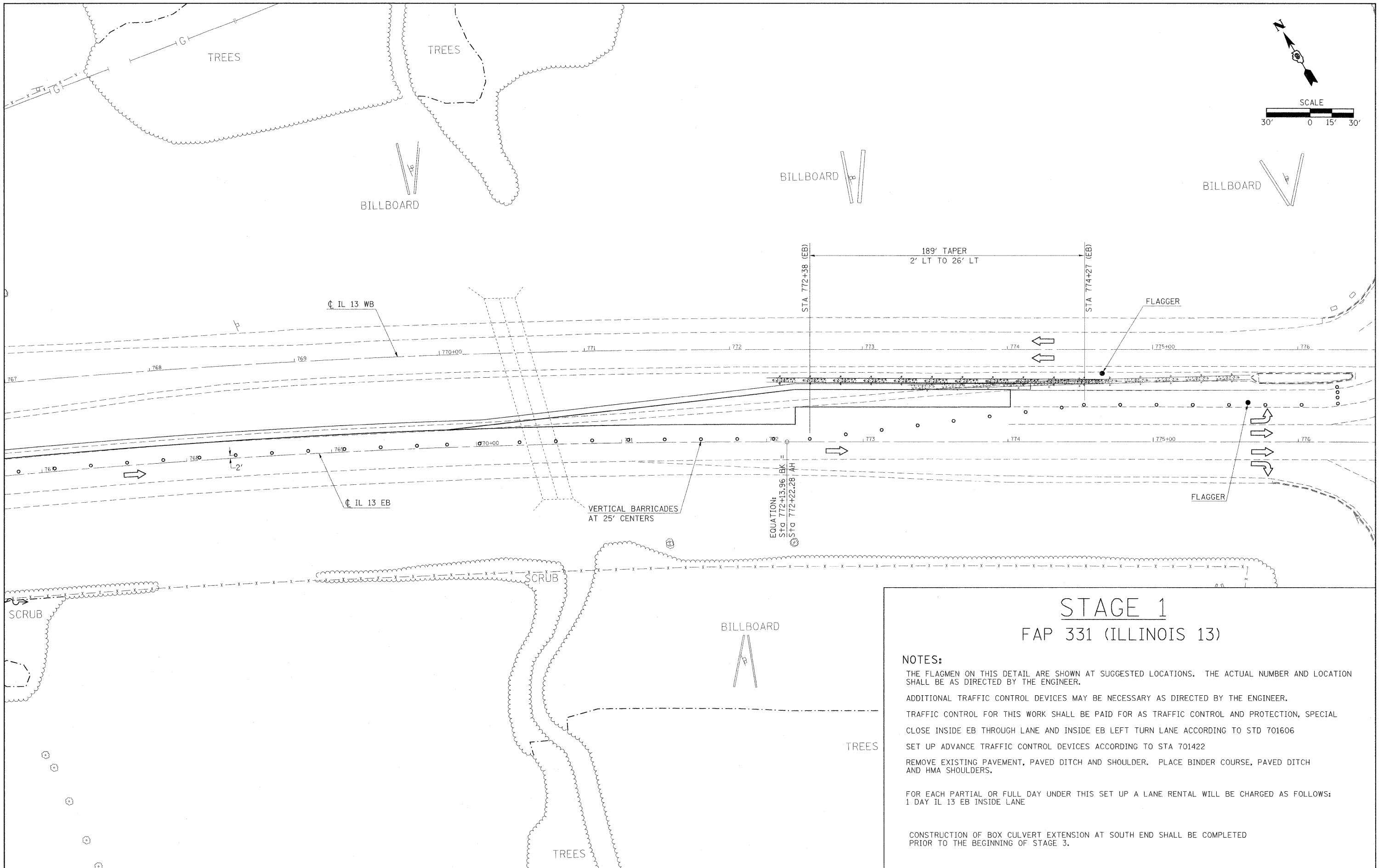
CONSTRUCTION OF BOX CULVERT EXTENSION AT SOUTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 3.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -
ct:\pw\work\NPWIDOT\RUSSELLCF\dms35765\d	278053_staging.dgn	DRAWN -	REVISED -
	PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/6/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 13 STAGE 1 CONSTRUCTION			
SCALE: 1"=30'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-DN-1, TS-2)	WILLIAMSON	193	57
CONTRACT NO. 78053				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



STAGE 1 FAP 331 (ILLINOIS 13)

NOTES:

THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.

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

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE INSIDE EB THROUGH LANE AND INSIDE EB LEFT TURN LANE ACCORDING TO STD 701606

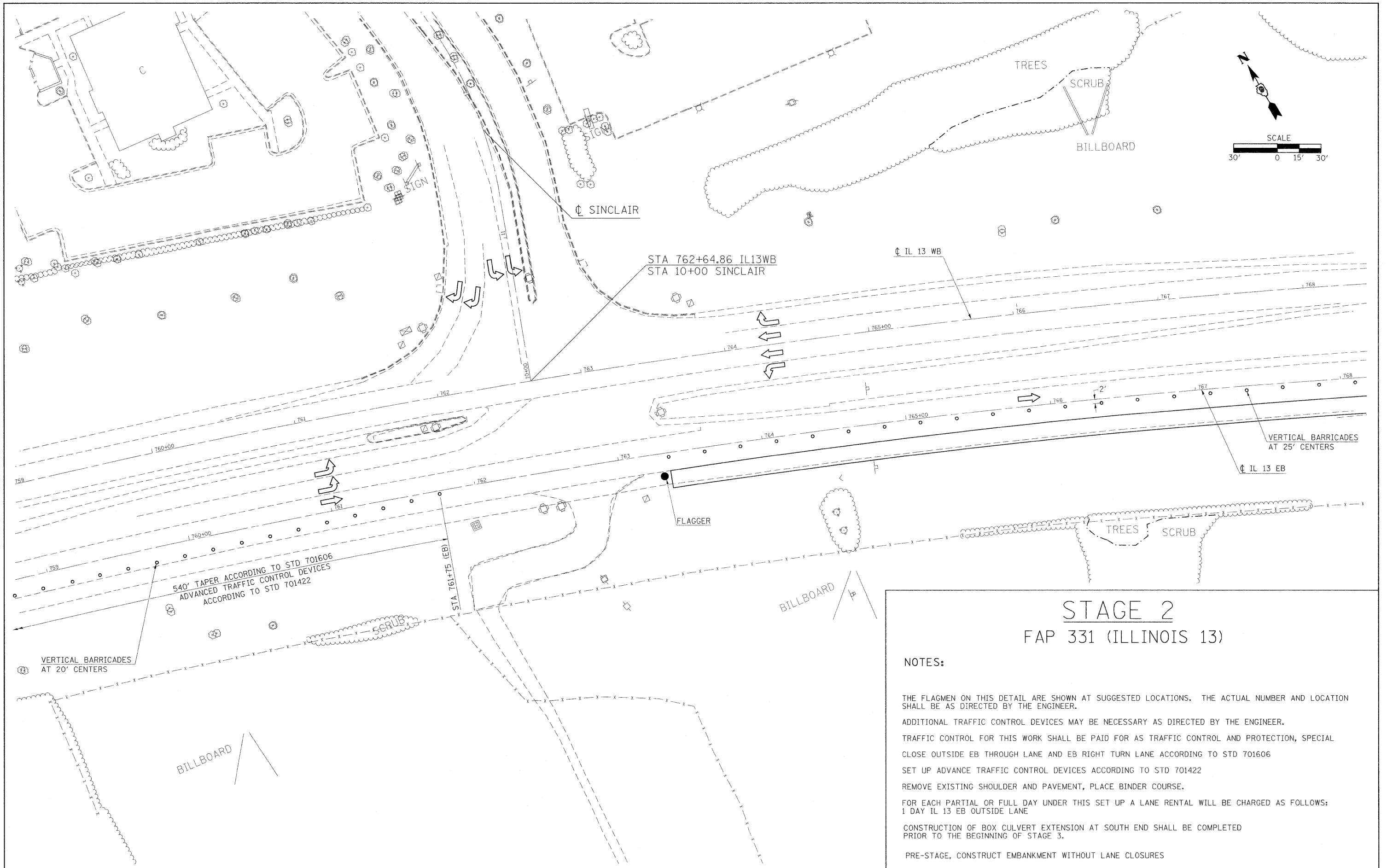
SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STA 701422

REMOVE EXISTING PAVEMENT, PAVED DITCH AND SHOULDER. PLACE BINDER COURSE, PAVED DITCH AND HMA SHOULDERS.

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

CONSTRUCTION OF BOX CULVERT EXTENSION AT SOUTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 3.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 1 CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw_work\PIWIDOT\RUSSELLCF\dms35765\d	78053_tagging.dgn	DRAWN -	REVISED -			331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	193	58	
	PLOT SCALE = 30,0000' / IN.	CHECKED -	REVISED -			SCALE: 1"=30'		ILLINOIS FED. AID PROJECT		CONTRACT NO. 78053	
	PLOT DATE = 5/6/2009	DATE -	REVISED -			SHEET NO. OF SHEETS STA. TO STA.					

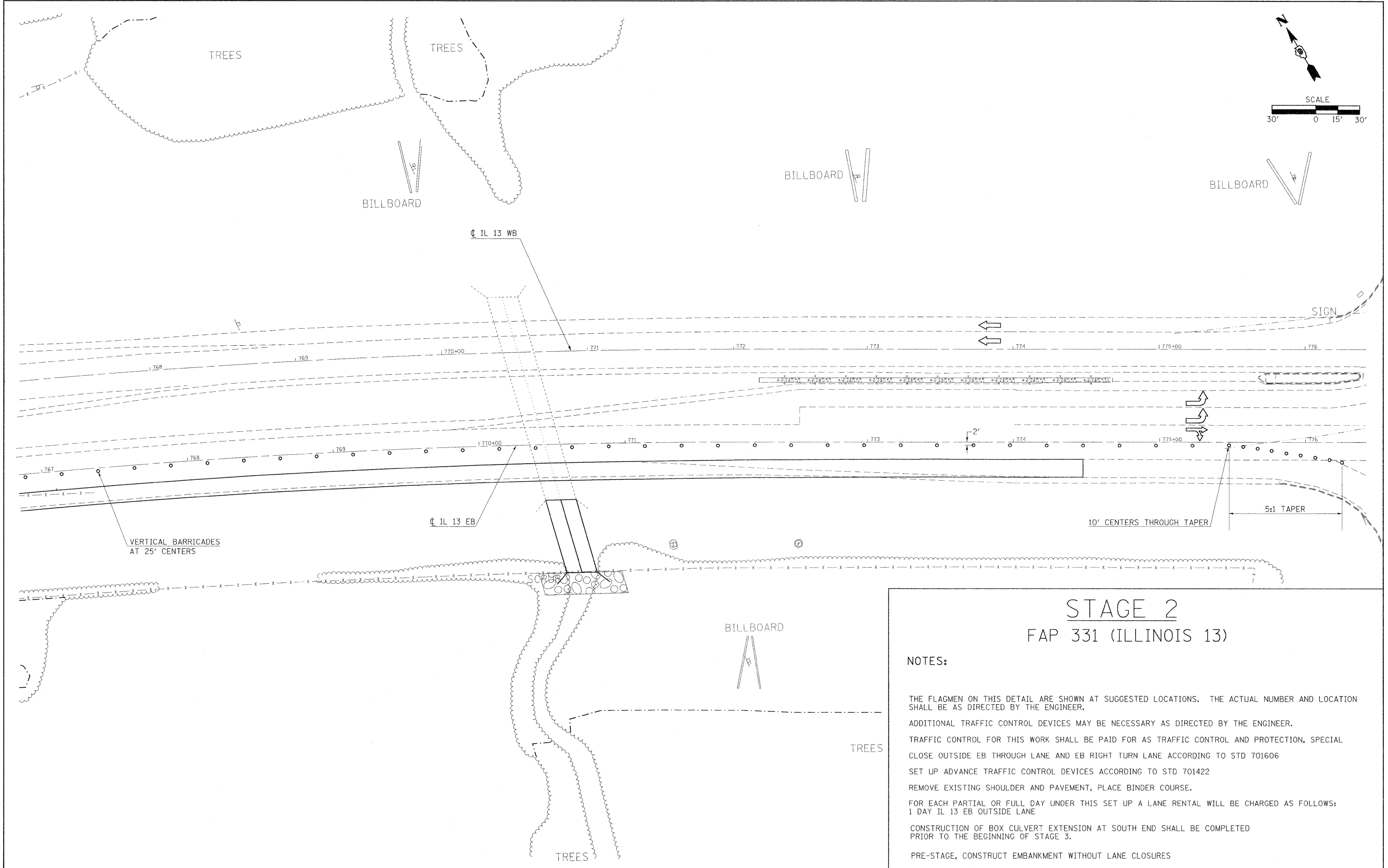


STAGE 2 FAP 331 (ILLINOIS 13)

NOTES:

- THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.
- ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
- TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE OUTSIDE EB THROUGH LANE AND EB RIGHT TURN LANE ACCORDING TO STD 701606
- SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
- REMOVE EXISTING SHOULDER AND PAVEMENT, PLACE BINDER COURSE.
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:
1 DAY IL 13 EB OUTSIDE LANE
- CONSTRUCTION OF BOX CULVERT EXTENSION AT SOUTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 3.
- PRE-STAGE, CONSTRUCT EMBANKMENT WITHOUT LANE CLOSURES

FILE NAME =	USER NAME = ruseo11cf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 2 CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_work\PWIDOT\RUSSELLCF\dms35765\d	78053_staging.dgn	DRAWN -	REVISED -			331	SEC. NO. (IX-1IN-1, TS-2)	WILLIAMSON	193	59	
	PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/6/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1"=30'		SHEET NO. OF SHEETS		STA. 759+00.00 TO STA. 768+00.00		



STAGE 2 FAP 331 (ILLINOIS 13)

NOTES:

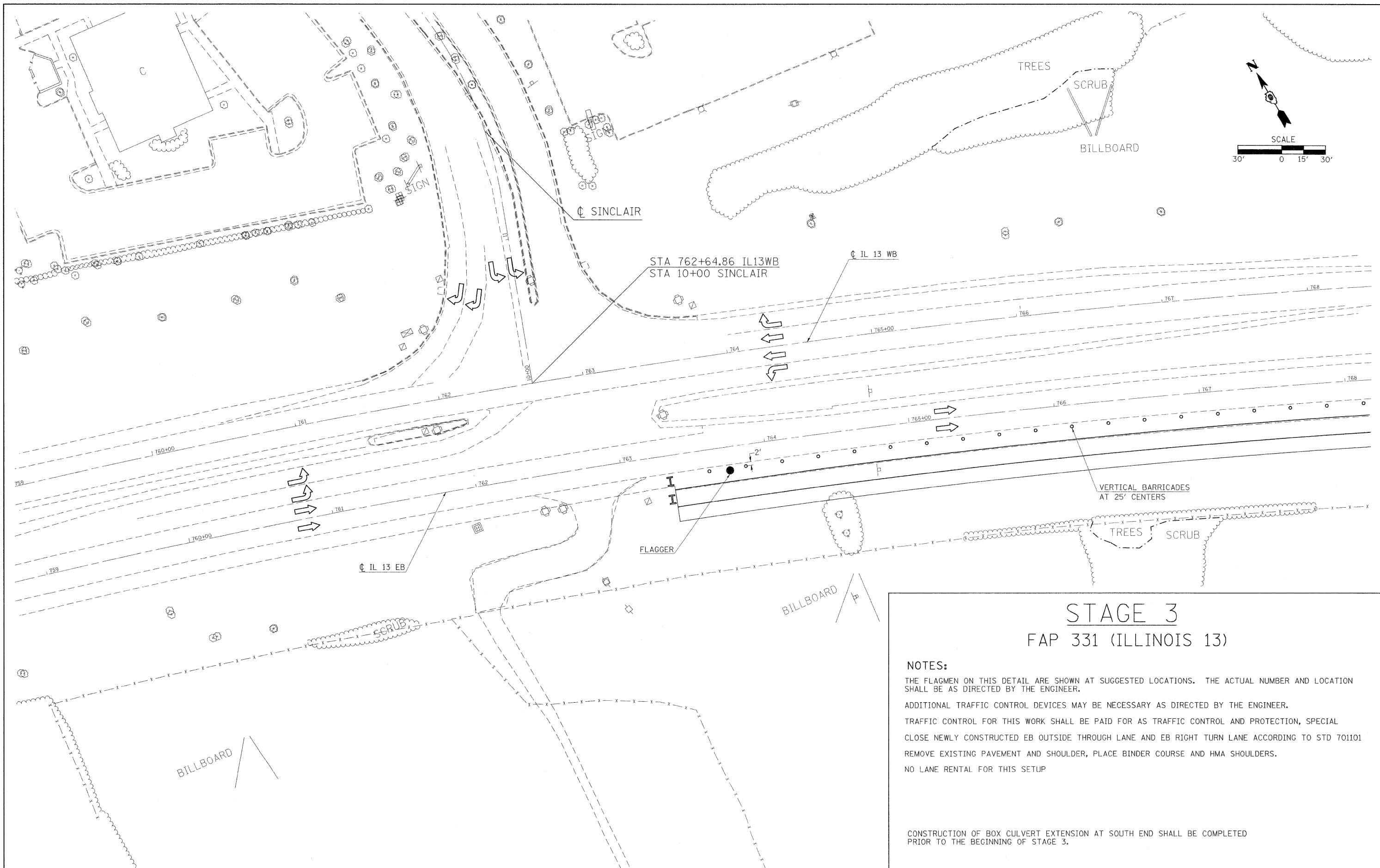
- THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.
- ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
- TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE OUTSIDE EB THROUGH LANE AND EB RIGHT TURN LANE ACCORDING TO STD 701606
- SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
- REMOVE EXISTING SHOULDER AND PAVEMENT, PLACE BINDER COURSE.
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:
1 DAY IL 13 EB OUTSIDE LANE
- CONSTRUCTION OF BOX CULVERT EXTENSION AT SOUTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 3.
- PRE-STAGE, CONSTRUCT EMBANKMENT WITHOUT LANE CLOSURES

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 13 STAGE 2 CONSTRUCTION

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 2 CONSTRUCTION	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\PWIDOT\RUSSELLCF\dms35765\dr	9_78053_staging.dgn	DRAWN -	REVISED -			331	SEC. NO. (1X-1N-1, TS-2)	WILLIAMSON	193	60	
	PLOT SCALE = 30,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/6/2009	DATE -	REVISED -			SCALE: 1"=30'	SHEET NO.	OF	SHEETS	STA. 767+00.00 TO STA. 776+00.00	FED. ROAD DIST. NO.

DATE TIME
JOB SPEC



STAGE 3 FAP 331 (ILLINOIS 13)

NOTES:

THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.

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

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE NEWLY CONSTRUCTED EB OUTSIDE THROUGH LANE AND EB RIGHT TURN LANE ACCORDING TO STD 701101 REMOVE EXISTING PAVEMENT AND SHOULDER, PLACE BINDER COURSE AND HMA SHOULDERS.

NO LANE RENTAL FOR THIS SETUP

CONSTRUCTION OF BOX CULVERT EXTENSION AT SOUTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 3.

FILE NAME =
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USER NAME = russellcf
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 PLOT SCALE = 30,0000' / IN.
 PLOT DATE = 5/6/2009

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

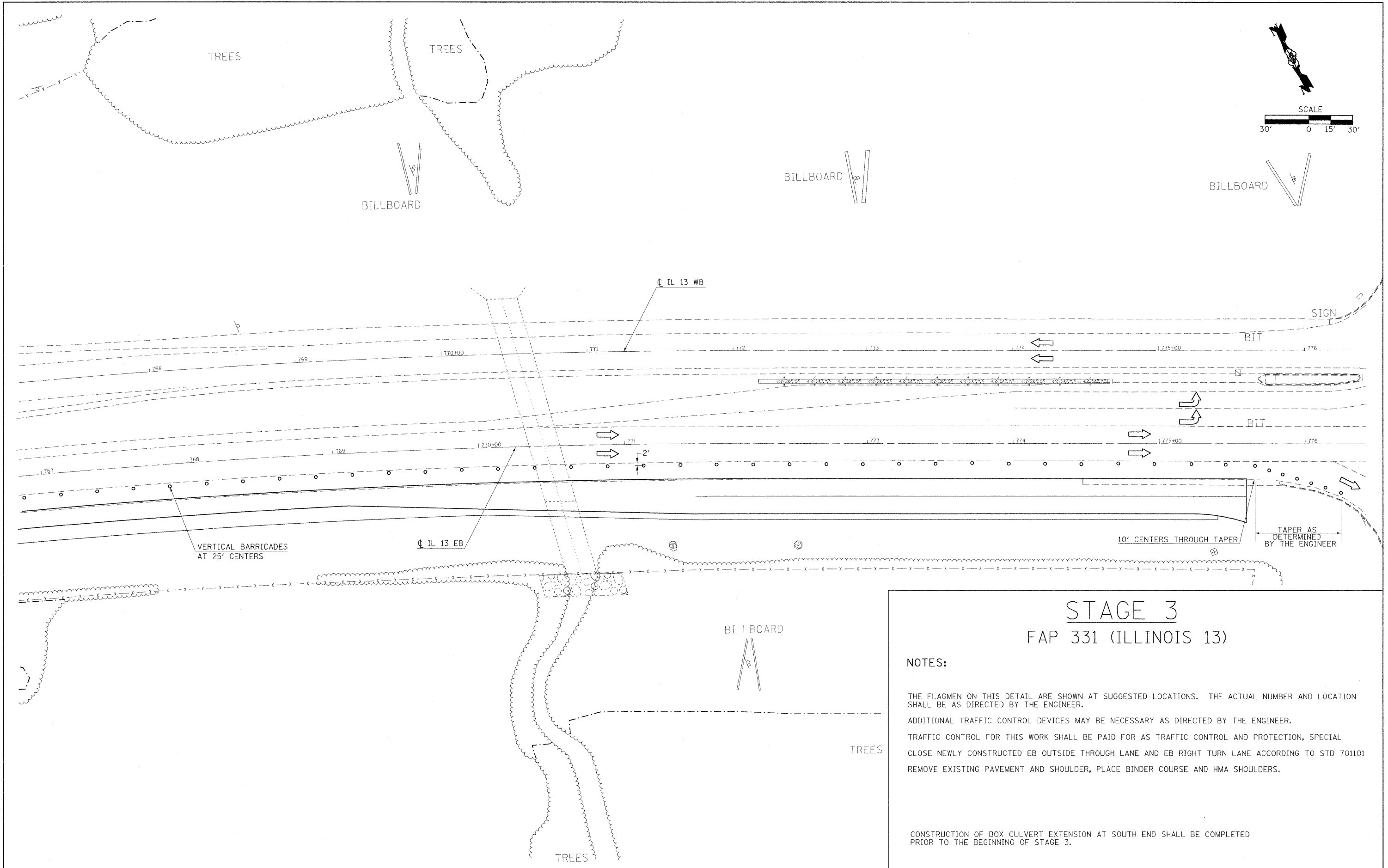
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 13 STAGE 3 CONSTRUCTION

SCALE: 1"=30' SHEET NO. OF SHEETS STA. 759+00.00 TO STA. 768+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	193	61
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE TIME FOUR SPEC



STAGE 3 FAP 311 (ILLINOIS 13)

NOTES:

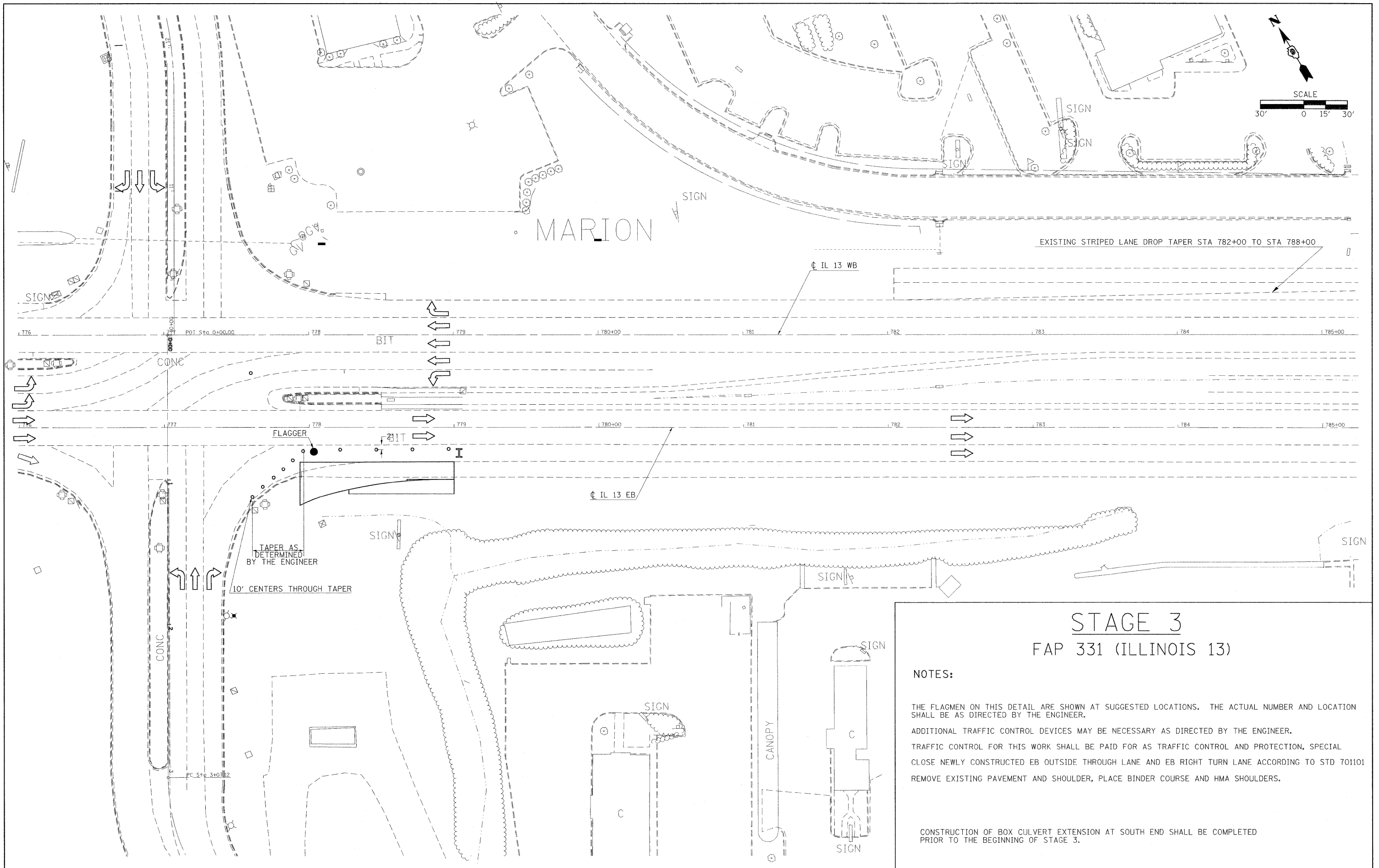
THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.

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

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE NEWLY CONSTRUCTED EB OUTSIDE THROUGH LANE AND EB RIGHT TURN LANE ACCORDING TO STD 701101 REMOVE EXISTING PAVEMENT AND SHOULDER, PLACE BINDER COURSE AND HMA SHOULDERS.

CONSTRUCTION OF BOX CULVERT EXTENSION AT SOUTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 3.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 3 CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\pwork\PWIDOT\RUSSELLCF\dms35765\dms_78053.staging.dgn	PLOT SCALE = 30.0000' / IN.	DRAWN -	REVISED -			331	SEC. NO. (1X-1N-1, TS-2)	WILLIAMSON	193	62	
PLOT DATE = 5/6/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78053					
						SCALE: 1"=30'		SHEET NO. OF SHEETS		STA. 767+00.00 TO STA. 776+00.00	



STAGE 3 FAP 331 (ILLINOIS 13)

NOTES:

THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.

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

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE NEWLY CONSTRUCTED EB OUTSIDE THROUGH LANE AND EB RIGHT TURN LANE ACCORDING TO STD 701101 REMOVE EXISTING PAVEMENT AND SHOULDER, PLACE BINDER COURSE AND HMA SHOULDERS.

CONSTRUCTION OF BOX CULVERT EXTENSION AT SOUTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 3.

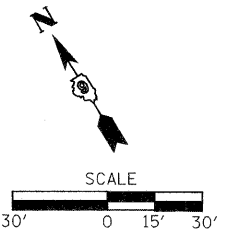
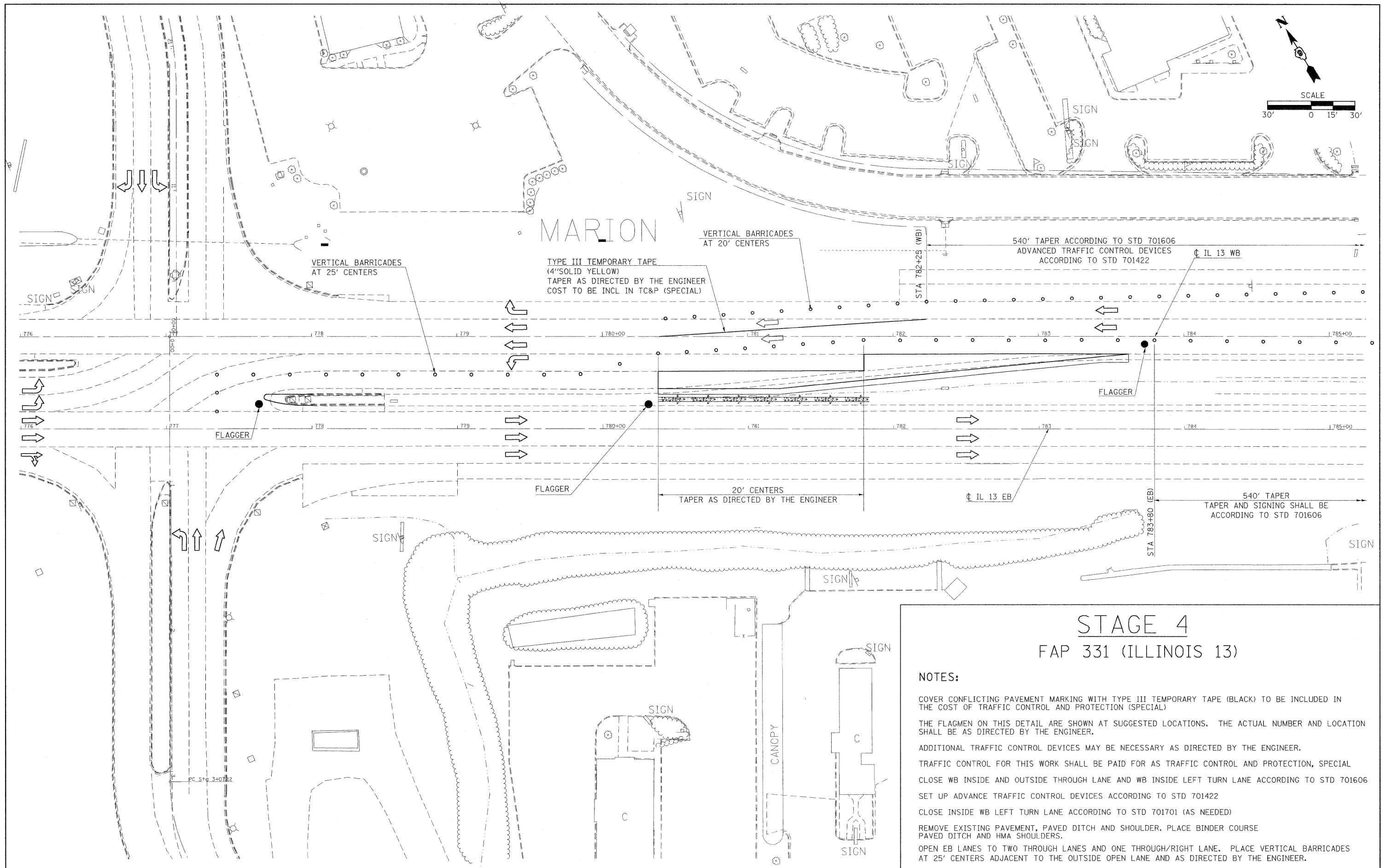
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 13 STAGE 3 CONSTRUCTION

FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -
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	PLOT SCALE = 30,0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/6/2009	DATE -	REVISED -

SCALE: 1"=30'	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 331	SECTION. NO. (1X-1)N-1, TS-2	COUNTY WILLIAMSON	TOTAL SHEETS 193	SHEET NO. 63
			CONTRACT NO. 78053				
			ILLINOIS FED. AID PROJECT				

DATE-TIME
NON-SPEC

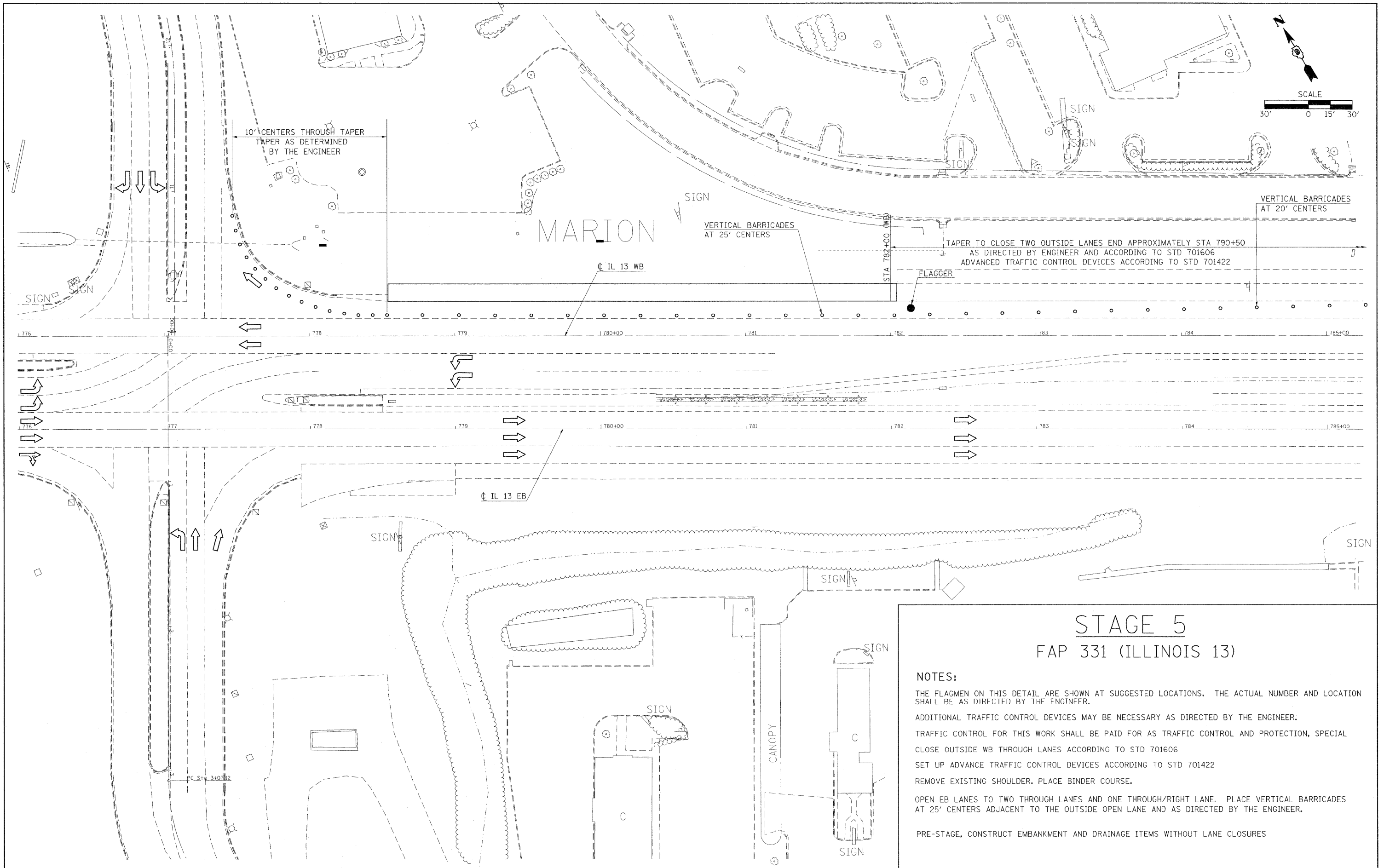


STAGE 4 FAP 331 (ILLINOIS 13)

- NOTES:**
- COVER CONFLICTING PAVEMENT MARKING WITH TYPE III TEMPORARY TAPE (BLACK) TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL)
 - THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.
 - ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
 - TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE WB INSIDE AND OUTSIDE THROUGH LANE AND WB INSIDE LEFT TURN LANE ACCORDING TO STD 701606
 - SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
 - CLOSE INSIDE WB LEFT TURN LANE ACCORDING TO STD 701701 (AS NEEDED)
 - REMOVE EXISTING PAVEMENT, PAVED DITCH AND SHOULDER. PLACE BINDER COURSE PAVED DITCH AND HMA SHOULDERS.
 - OPEN EB LANES TO TWO THROUGH LANES AND ONE THROUGH/RIGHT LANE. PLACE VERTICAL BARRICADES AT 25' CENTERS ADJACENT TO THE OUTSIDE OPEN LANE AND AS DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 4 CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
st:\pw_work\VP\WIDOT\RUSSELLCF\dms35785\p	78053_staging.dgn	DRAWN -	REVISED -			331	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	193	64	
PLOT SCALE = 3/8"=1'-0"	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 78053					
PLOT DATE = 5/6/2009	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

DATE-TIME
DON-SPEC



STAGE 5 FAP 331 (ILLINOIS 13)

- NOTES:**
- THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.
 - ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
 - TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE OUTSIDE WB THROUGH LANES ACCORDING TO STD 701606
 - SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
 - REMOVE EXISTING SHOULDER. PLACE BINDER COURSE.
 - OPEN EB LANES TO TWO THROUGH LANES AND ONE THROUGH/RIGHT LANE. PLACE VERTICAL BARRICADES AT 25' CENTERS ADJACENT TO THE OUTSIDE OPEN LANE AND AS DIRECTED BY THE ENGINEER.
 - PRE-STAGE, CONSTRUCT EMBANKMENT AND DRAINAGE ITEMS WITHOUT LANE CLOSURES

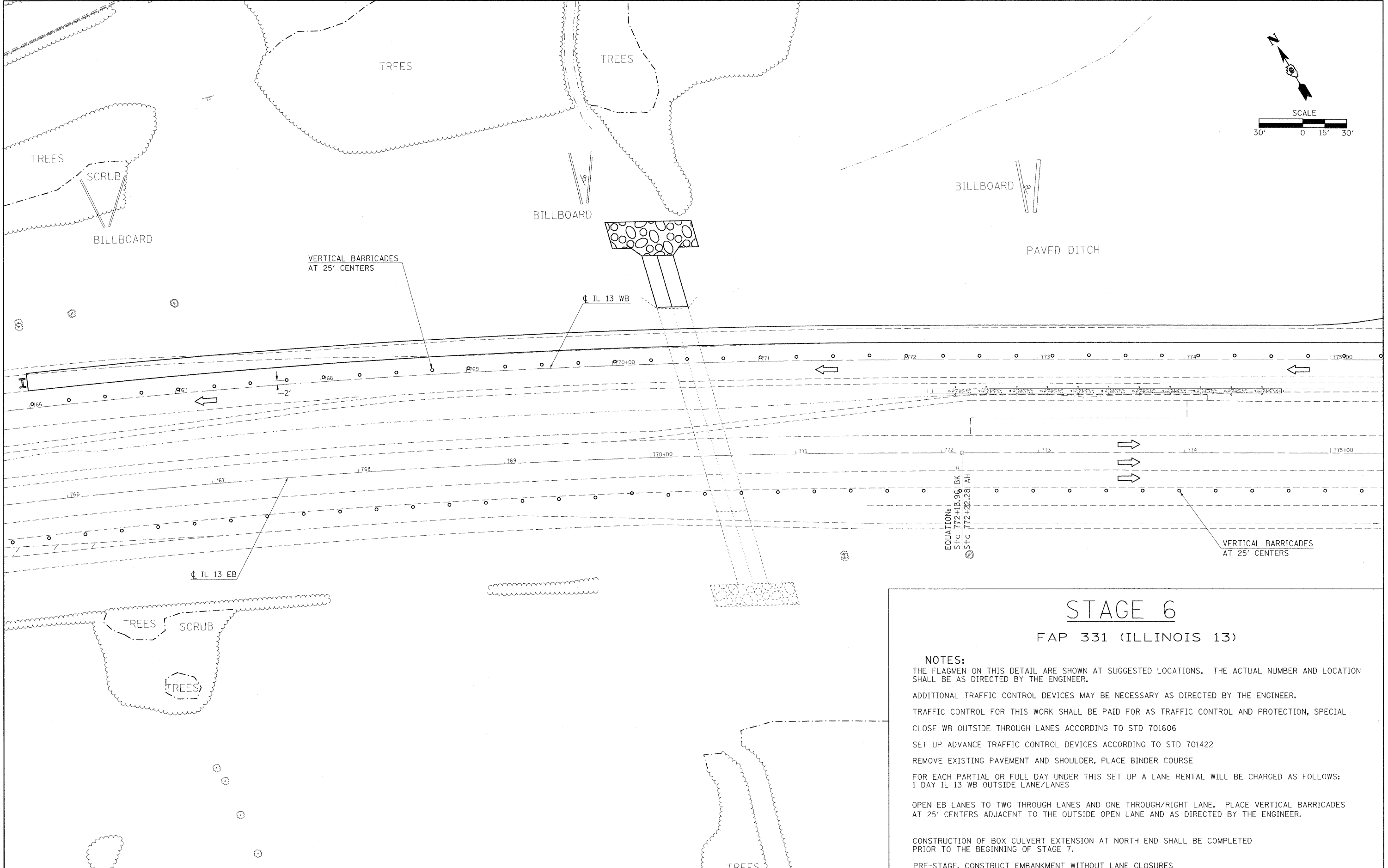
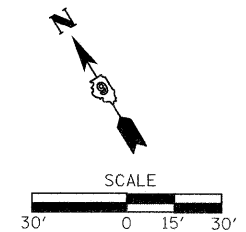
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 13 STAGE 5 CONSTRUCTION

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PLOT SCALE = 30,0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 5/6/2009		DATE -	REVISED -

SCALE: 1"=30'		SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 331	SECTION. NO. (1X-1)N-1, TS-2	COUNTY WILLIAMSON	TOTAL SHEETS 193	SHEET NO. 65
				CONTRACT NO. 78053				
				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE-TIME
JOB-SPEC

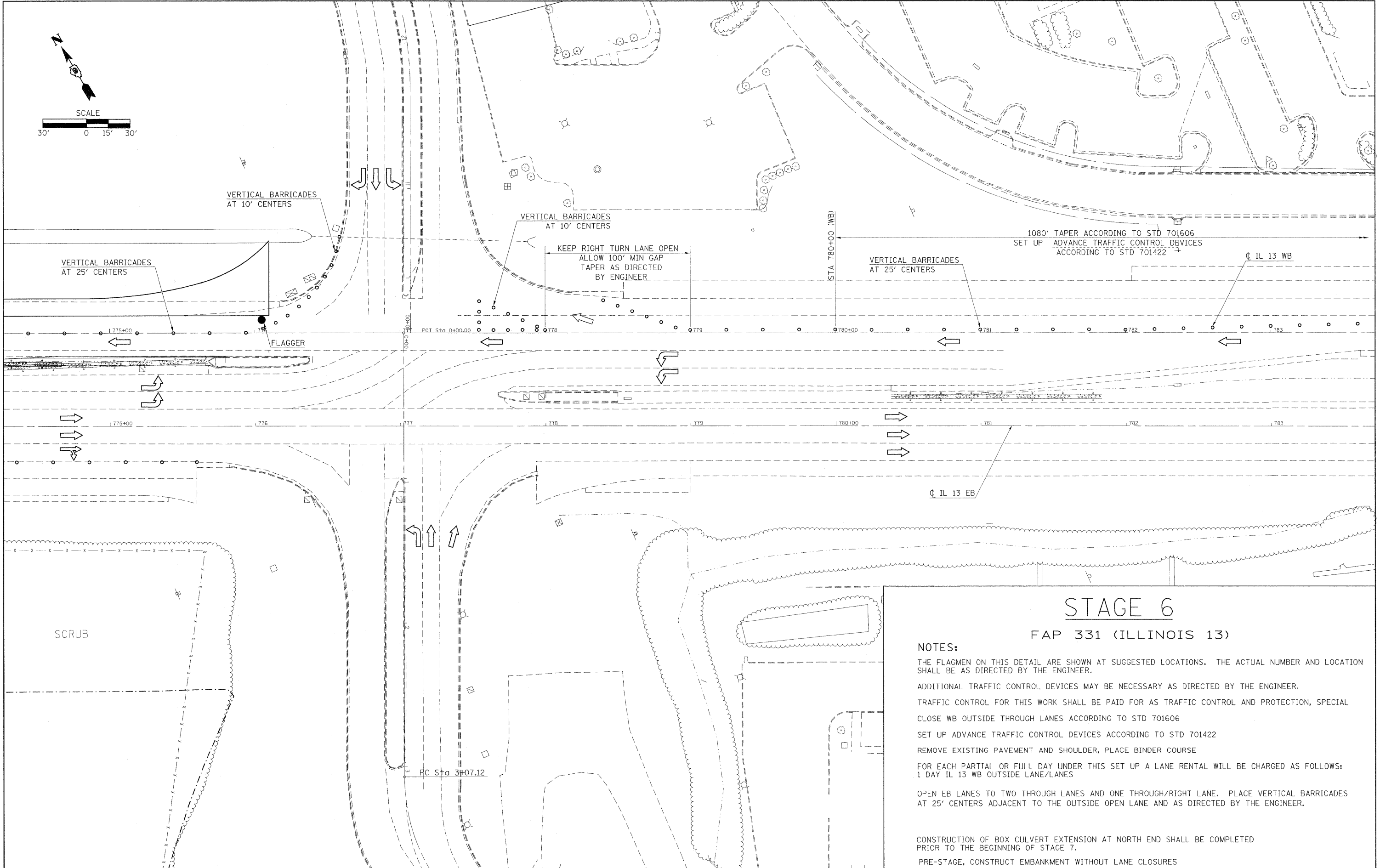
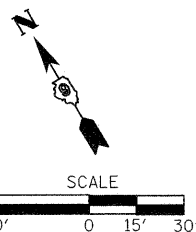


STAGE 6

FAP 331 (ILLINOIS 13)

NOTES:
 THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.
 ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
 TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE WB OUTSIDE THROUGH LANES ACCORDING TO STD 701606
 SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
 REMOVE EXISTING PAVEMENT AND SHOULDER, PLACE BINDER COURSE
 FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:
 1 DAY IL 13 WB OUTSIDE LANE/LANES
 OPEN EB LANES TO TWO THROUGH LANES AND ONE THROUGH/RIGHT LANE. PLACE VERTICAL BARRICADES AT 25' CENTERS ADJACENT TO THE OUTSIDE OPEN LANE AND AS DIRECTED BY THE ENGINEER.
 CONSTRUCTION OF BOX CULVERT EXTENSION AT NORTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 7.
 PRE-STAGE, CONSTRUCT EMBANKMENT WITHOUT LANE CLOSURES

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 6 CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\PWIDOT\RUSSELLCF\dms35765\d	78053.staging.dgn	DRAWN -	REVISED -			331	SEC. NO. (1X-1IN-1, TS-2	WILLIAMSON	193	66	
PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 78053					
PLOT DATE = 5/6/2009	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



STAGE 6

FAP 331 (ILLINOIS 13)

NOTES:

- THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.
- ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
- TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE WB OUTSIDE THROUGH LANES ACCORDING TO STD 701606
- SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
- REMOVE EXISTING PAVEMENT AND SHOULDER, PLACE BINDER COURSE
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP A LANE RENTAL WILL BE CHARGED AS FOLLOWS:
1 DAY IL 13 WB OUTSIDE LANE/LANES
- OPEN EB LANES TO TWO THROUGH LANES AND ONE THROUGH/RIGHT LANE. PLACE VERTICAL BARRICADES AT 25' CENTERS ADJACENT TO THE OUTSIDE OPEN LANE AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCTION OF BOX CULVERT EXTENSION AT NORTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 7.
- PRE-STAGE, CONSTRUCT EMBANKMENT WITHOUT LANE CLOSURES

FILE NAME =	USER NAME = russellcf
et:\pw\work\PWIDOT\RUSSELLCF\dms25765\d9_78053_staging.dgn	
PLOT SCALE = 30.0000' / IN.	
PLOT DATE = 5/6/2009	

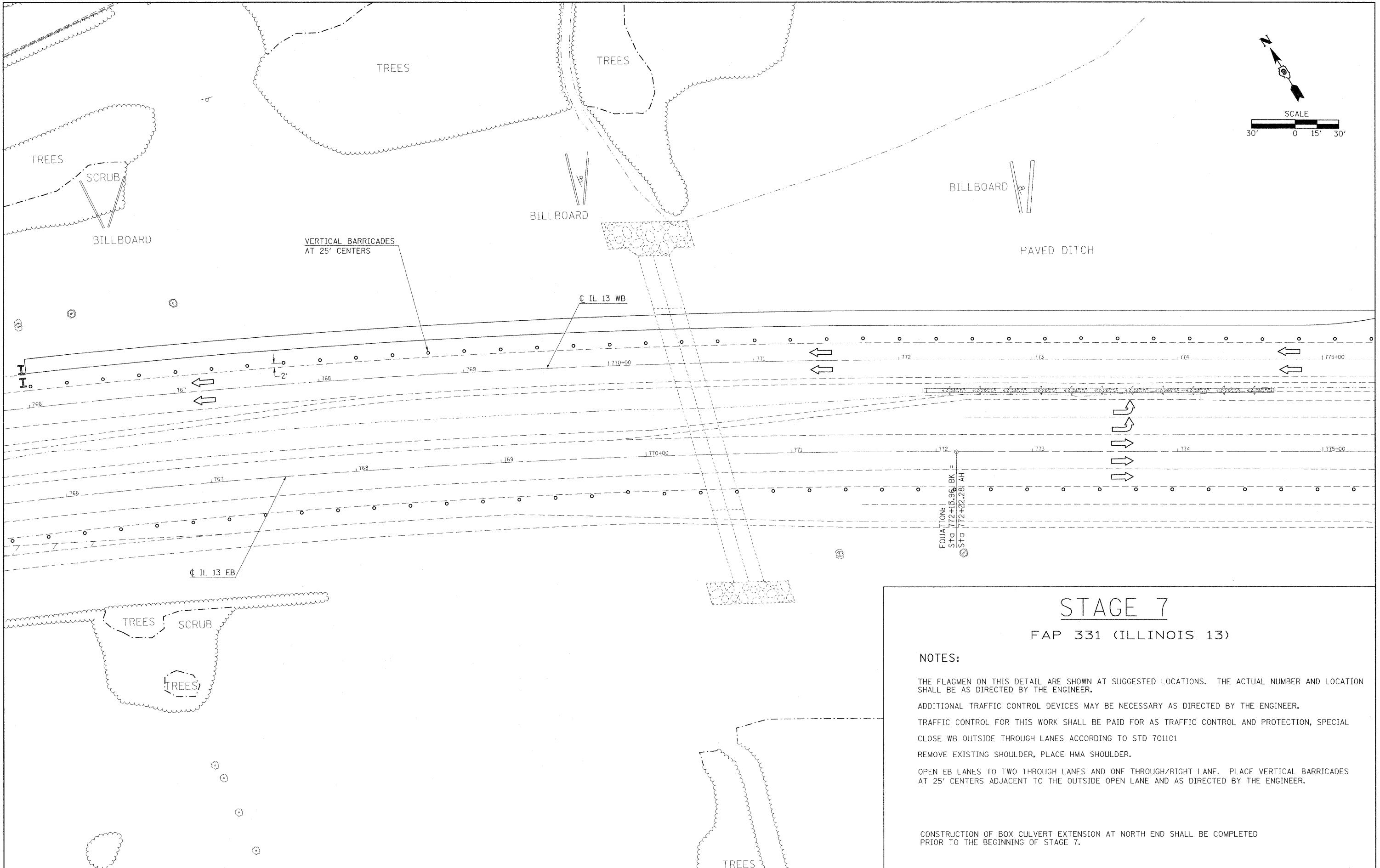
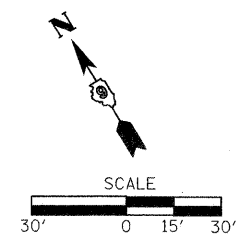
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 13 STAGE 6 CONSTRUCTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (1X-1N-1, TS-2)	WILLIAMSON	193	67
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 78053	



STAGE 7
FAP 331 (ILLINOIS 13)

NOTES:

THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.

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

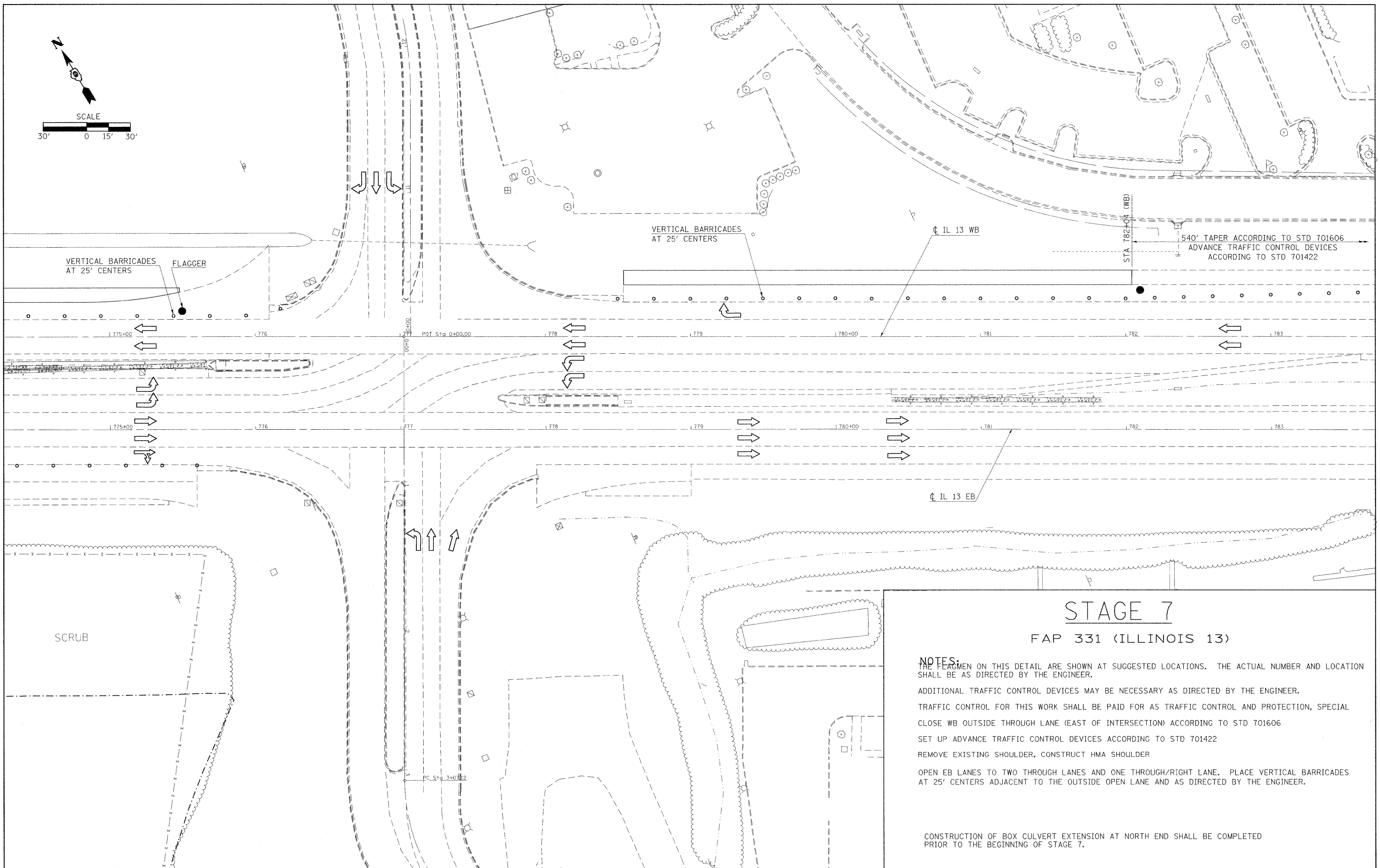
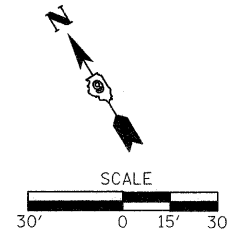
TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE WB OUTSIDE THROUGH LANES ACCORDING TO STD 701101

REMOVE EXISTING SHOULDER, PLACE HMA SHOULDER.

OPEN EB LANES TO TWO THROUGH LANES AND ONE THROUGH/RIGHT LANE. PLACE VERTICAL BARRICADES AT 25' CENTERS ADJACENT TO THE OUTSIDE OPEN LANE AND AS DIRECTED BY THE ENGINEER.

CONSTRUCTION OF BOX CULVERT EXTENSION AT NORTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 7.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 7 CONSTRUCTION	SCALE: 1"=30'	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 331	SECTION SEC. NO. (1X-1)N-1, TS-2	COUNTY WILLIAMSON	TOTAL SHEETS 193	SHEET NO. 68
	et:\p\work\PIWIDOT\RUSSELLCF\dms35765\dms_78053_staging.dgn	DRAWN -	REVISED -							CONTRACT NO. 78053			
	PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -							ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/6/2009	DATE -	REVISED -										



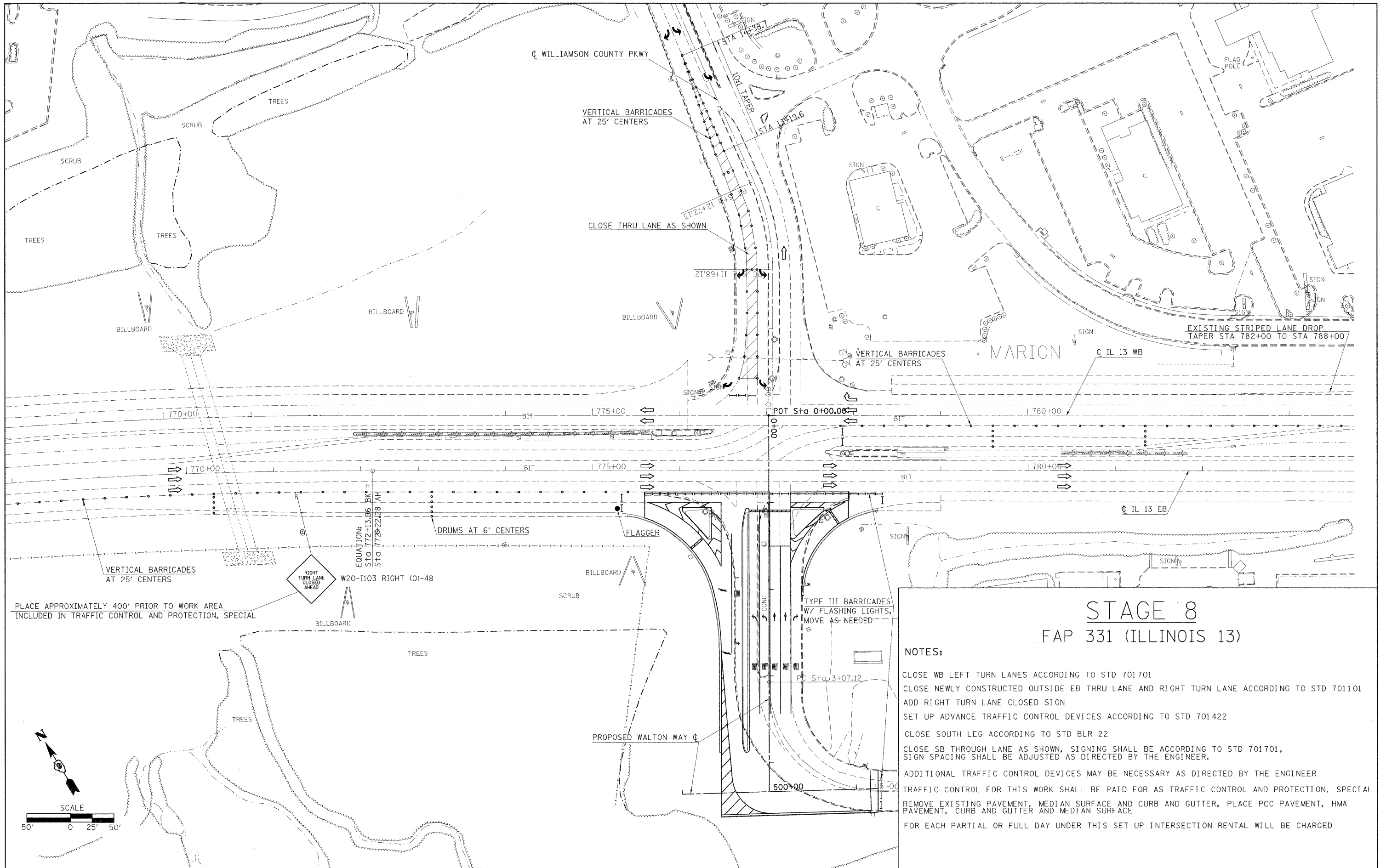
STAGE 7

FAP 331 (ILLINOIS 13)

NOTES:
 THE FLAGMEN ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.
 ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
 TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL CLOSE WB OUTSIDE THROUGH LANE (EAST OF INTERSECTION) ACCORDING TO STD 701606
 SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
 REMOVE EXISTING SHOULDER, CONSTRUCT HMA SHOULDER
 OPEN EB LANES TO TWO THROUGH LANES AND ONE THROUGH/RIGHT LANE. PLACE VERTICAL BARRICADES AT 25' CENTERS ADJACENT TO THE OUTSIDE OPEN LANE AND AS DIRECTED BY THE ENGINEER.

CONSTRUCTION OF BOX CULVERT EXTENSION AT NORTH END SHALL BE COMPLETED PRIOR TO THE BEGINNING OF STAGE 7.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 7 CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\VP\IDOT\RUSSELLCF\dms35765\d	78053_staging.dgn	DRAWN -	REVISED -			331	SEC. NO. (IX-DN-1, TS-2)	WILLIAMSON	193	69	
	PLOT SCALE = 38,2000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/6/2009	DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
						SCALE: 1"=30'		SHEET NO. OF SHEETS		STA. TO STA.	

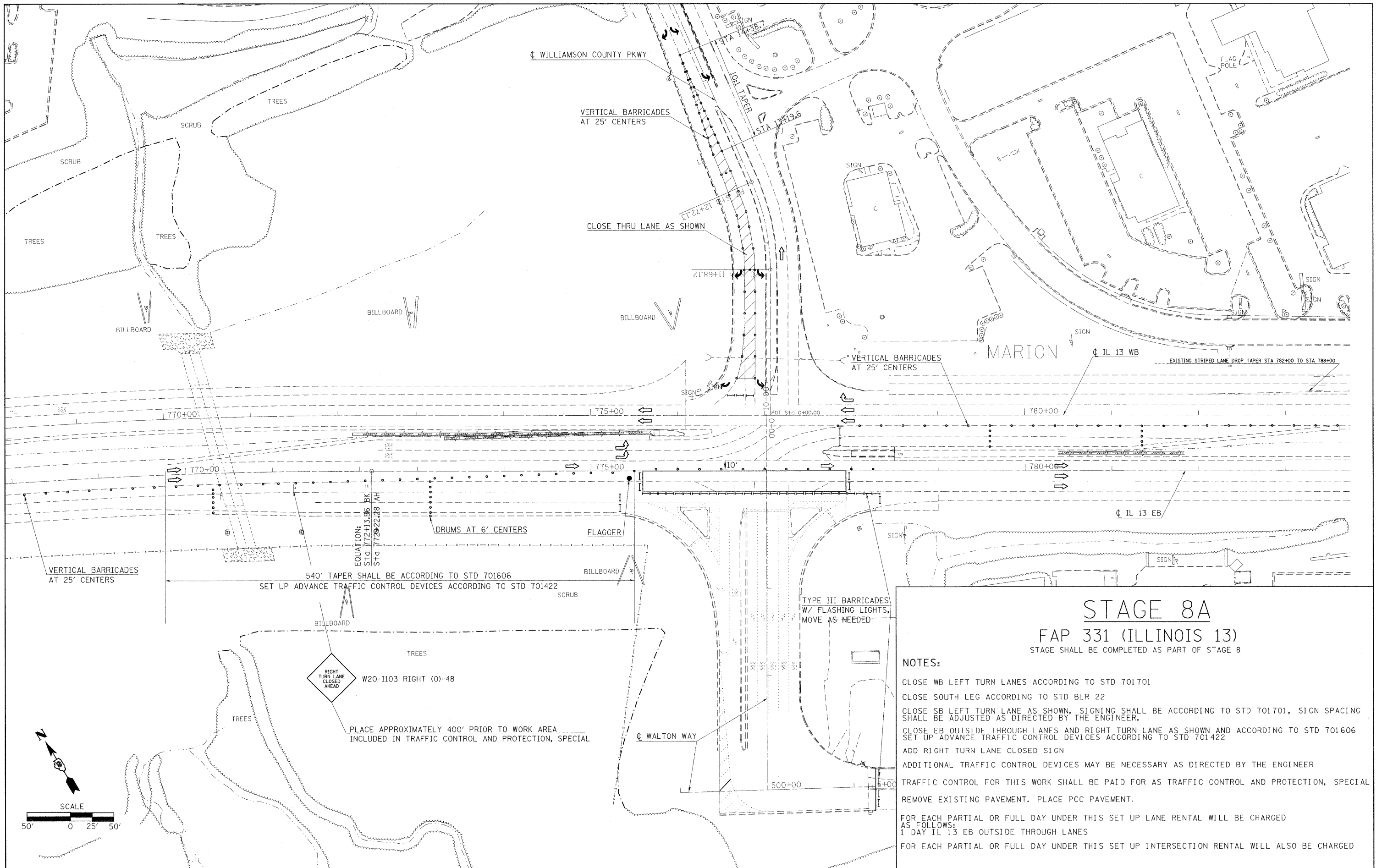


STAGE 8 FAP 331 (ILLINOIS 13)

- NOTES:**
- CLOSE WB LEFT TURN LANES ACCORDING TO STD 701701
 - CLOSE NEWLY CONSTRUCTED OUTSIDE EB THRU LANE AND RIGHT TURN LANE ACCORDING TO STD 701101
 - ADD RIGHT TURN LANE CLOSED SIGN
 - SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
 - CLOSE SOUTH LEG ACCORDING TO STD BLR 22
 - CLOSE SB THROUGH LANE AS SHOWN, SIGNING SHALL BE ACCORDING TO STD 701701, SIGN SPACING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
 - ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER
 - TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL
 - REMOVE EXISTING PAVEMENT, MEDIAN SURFACE AND CURB AND GUTTER, PLACE PCC PAVEMENT, HMA PAVEMENT, CURB AND GUTTER AND MEDIAN SURFACE
 - FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP INTERSECTION RENTAL WILL BE CHARGED

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 8 CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pv\work\PWIDOT\RUSSELLCF\dms39765\dr_78053_staging.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			331	SEC. NO. (1X-1JN-1, TS-2)	WILLIAMSON	193	70	
PLOT DATE = 5/6/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78053					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

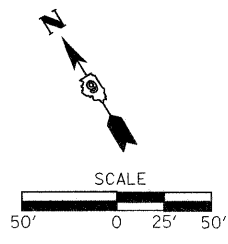
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.



STAGE 8A
FAP 331 (ILLINOIS 13)
 STAGE SHALL BE COMPLETED AS PART OF STAGE 8

NOTES:

- CLOSE WB LEFT TURN LANES ACCORDING TO STD 701701
- CLOSE SOUTH LEG ACCORDING TO STD BLR 22
- CLOSE SB LEFT TURN LANE AS SHOWN, SIGNING SHALL BE ACCORDING TO STD 701701, SIGN SPACING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- CLOSE EB OUTSIDE THROUGH LANES AND RIGHT TURN LANE AS SHOWN AND ACCORDING TO STD 701606 SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
- ADD RIGHT TURN LANE CLOSED SIGN
- ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER
- TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL REMOVE EXISTING PAVEMENT. PLACE PCC PAVEMENT.
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP LANE RENTAL WILL BE CHARGED AS FOLLOWS:
 1 DAY IL 13 EB OUTSIDE THROUGH LANES
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP INTERSECTION RENTAL WILL ALSO BE CHARGED



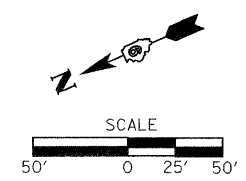
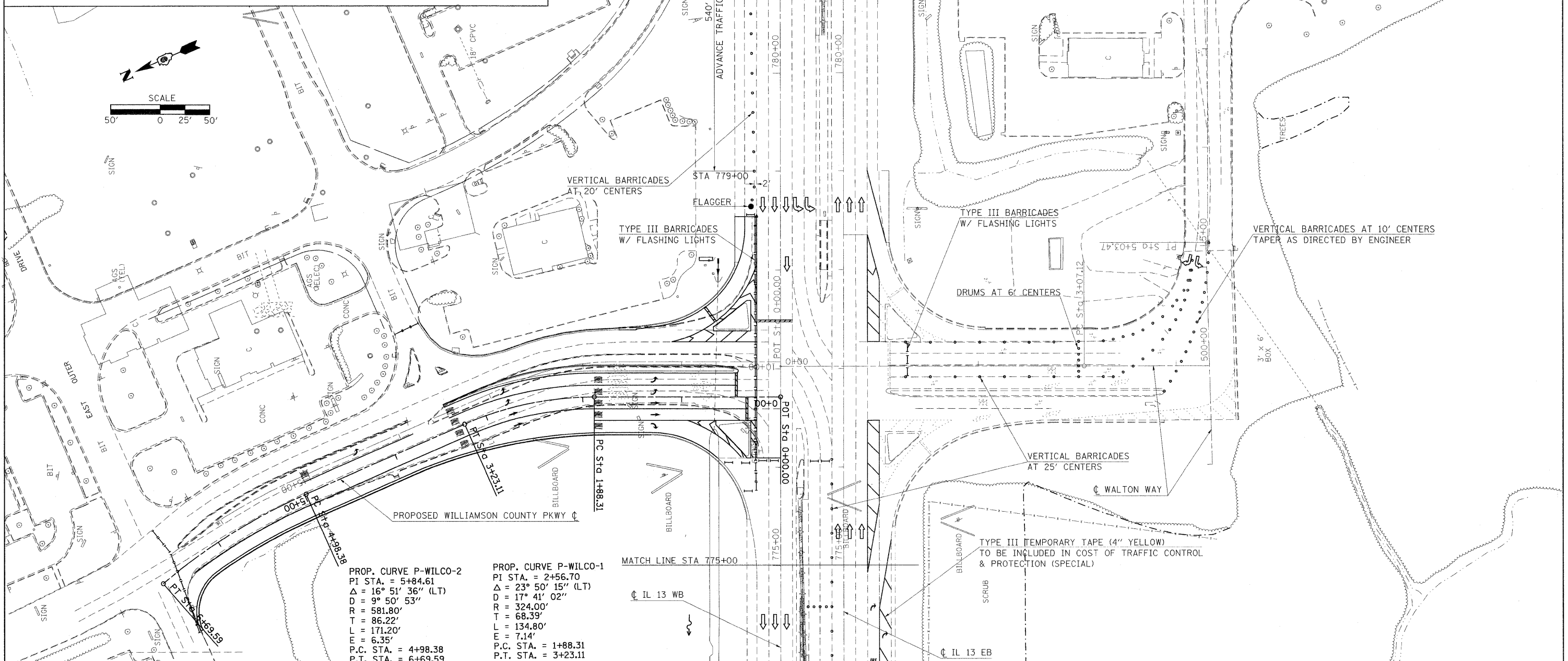
FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 8A CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\PWIDOT\RUSSELLCF\dms35765\d	78053_staging.dgn	DRAWN -	REVISED -			331	SEC. NO. (IX-1)-1, TS-2	WILLIAMSON	193	71	
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/6/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

STAGE 9

FAP 331 (ILLINOIS 13)

NOTES:

- CLOSE EB LEFT TURN LANES ACCORDING TO STD 701701
- CLOSE NORTH LEG ACCORDING TO STD BLR 22
- CLOSE WB OUTSIDE THROUGH LANE / RIGHT TURN LANE ACCORDING TO STD 701606
SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
- ADD RIGHT TURN LANE CLOSED SIGN
- CLOSE NB THROUGH LANE AS SHOWN, SIGNING SHALL BE ACCORDING TO STD 701701,
SIGN SPACING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER
- TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION, SPECIAL
- REMOVE EXISTING PAVEMENT, MEDIAN SURFACE AND CURB AND GUTTER, PLACE PCC PAVEMENT, HMA PAVEMENT, CURB AND GUTTER AND MEDIAN SURFACE
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP INTERSECTION RENTAL WILL BE CHARGED
- USE TYPE III TEMPORARY TAPE TO CLOSE EB OUTSIDE THROUGH LANE AND TO DEVELOP EB RIGHT TURN LANE AS DETAILED IN STAGE 9B. COST OF TAPE INCLUDED IN TRAFFIC CONTROL AND PROTECTION, SPECIAL



PROP. CURVE P-WILCO-2
 PI STA. = 5+84.61
 Δ = 16° 51' 36" (LT)
 D = 9° 50' 53"
 R = 581.80'
 T = 86.22'
 L = 171.20'
 E = 6.35'
 P.C. STA. = 4+98.38
 P.T. STA. = 6+69.59

PROP. CURVE P-WILCO-1
 PI STA. = 2+56.70
 Δ = 23° 50' 15" (LT)
 D = 17° 41' 02"
 R = 324.00'
 T = 68.39'
 L = 134.80'
 E = 7.14'
 P.C. STA. = 1+88.31
 P.T. STA. = 3+23.11

FILE NAME =		USER NAME = russellcf		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL 13 STAGE 9 CONSTRUCTION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -		CHECKED -		REVISED -		REVISED -										331	SEC. NO. (IX-1IN-1, TS-2)	WILLIAMSON	193	72	CONTRACT NO. 78053
PLOT SCALE = 50,000 / IN.		DATE		REVISED -		REVISED -										SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA.	TO STA.

STAGE 9A

FAP 331 (ILLINOIS 13)

NOTES:

CLOSE NORTH LEG ACCORDING TO STD BLR 22
 CLOSE EB LEFT TURN LANES ACCORDING TO STD 701701
 CLOSE WB OUTSIDE THROUGH LANE / RIGHT TURN LANE ACCORDING TO STD 701606
 SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422

ADD RIGHT TURN LANE CLOSED SIGN

CLOSE NB THROUGH LANE AS SHOWN, SIGNING SHALL BE ACCORDING TO STD 701701,
 SIGN SPACING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.

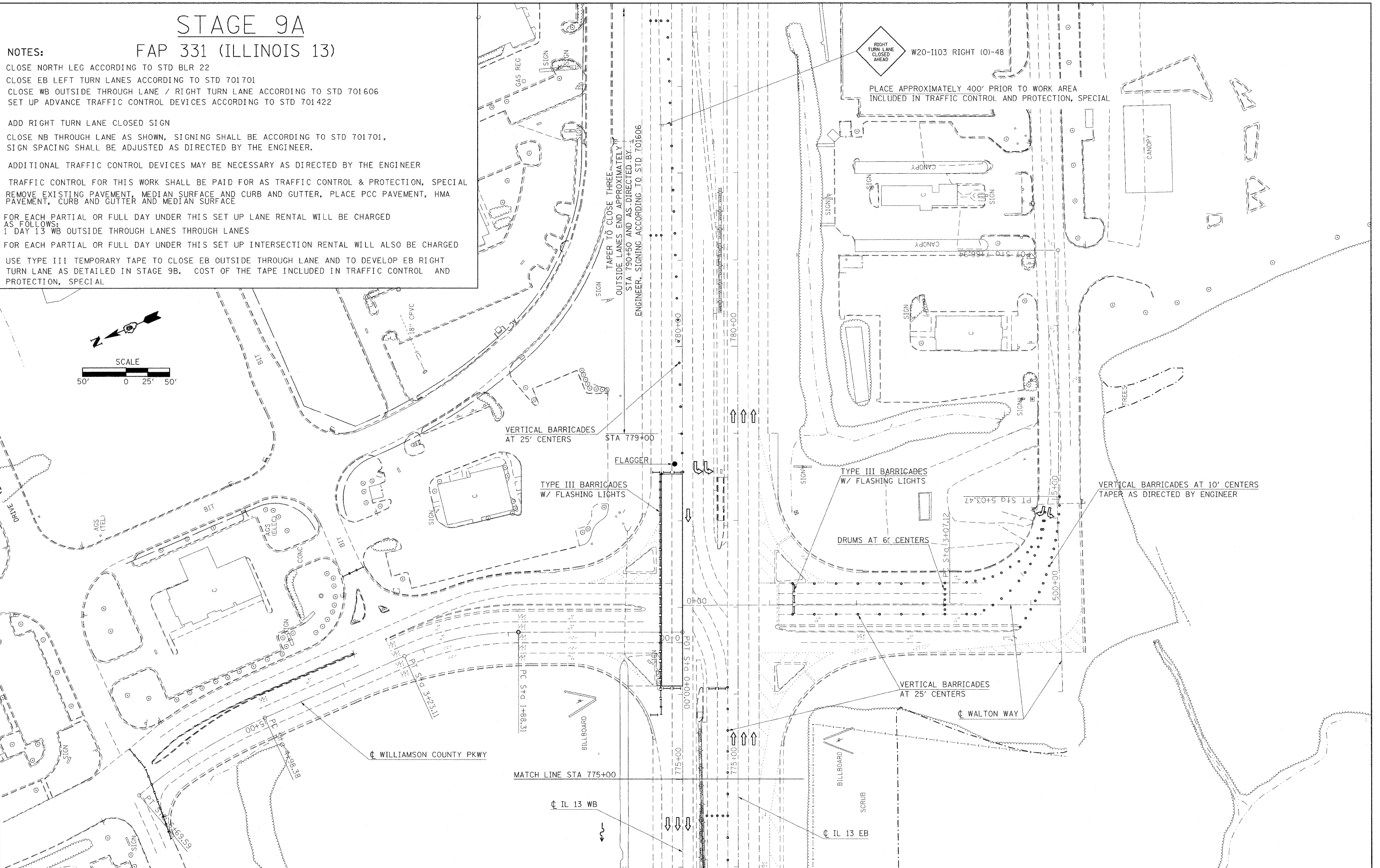
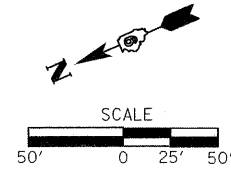
ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION, SPECIAL
 REMOVE EXISTING PAVEMENT, MEDIAN SURFACE AND CURB AND GUTTER, PLACE PCC PAVEMENT, HMA
 PAVEMENT, CURB AND GUTTER AND MEDIAN SURFACE

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

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

USE TYPE III TEMPORARY TAPE TO CLOSE EB OUTSIDE THROUGH LANE AND TO DEVELOP EB RIGHT
 TURN LANE AS DETAILED IN STAGE 9B. COST OF THE TAPE INCLUDED IN TRAFFIC CONTROL AND
 PROTECTION, SPECIAL



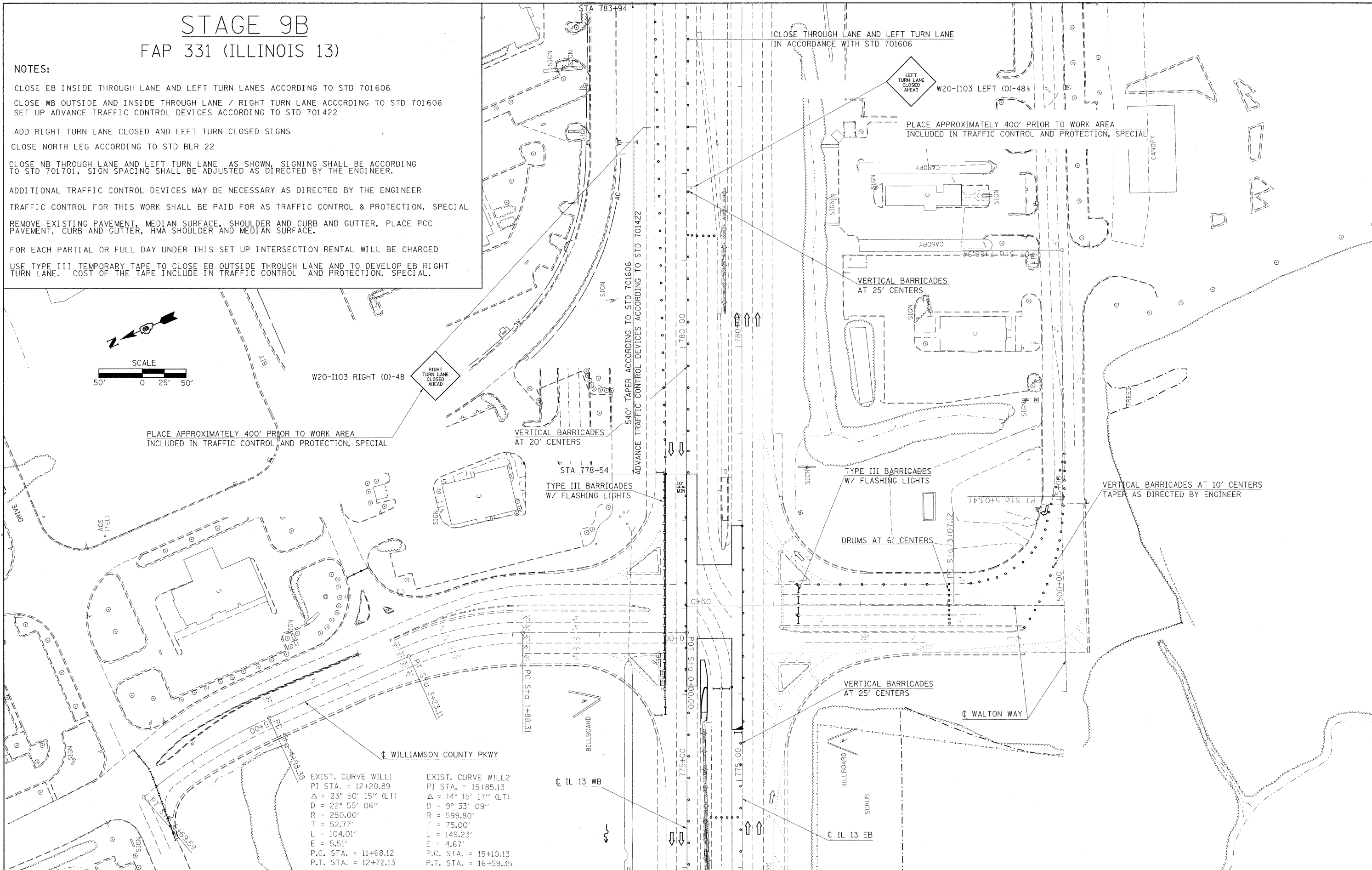
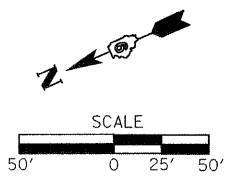
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 78053	
PLOT DATE = 5/6/2009	DATE -	REVISED -	REVISED -							

STAGE 9B

FAP 331 (ILLINOIS 13)

NOTES:

- CLOSE EB INSIDE THROUGH LANE AND LEFT TURN LANES ACCORDING TO STD 701606
- CLOSE WB OUTSIDE AND INSIDE THROUGH LANE / RIGHT TURN LANE ACCORDING TO STD 701606
- SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
- ADD RIGHT TURN LANE CLOSED AND LEFT TURN CLOSED SIGNS
- CLOSE NORTH LEG ACCORDING TO STD BLR 22
- CLOSE NB THROUGH LANE AND LEFT TURN LANE AS SHOWN, SIGNING SHALL BE ACCORDING TO STD 701701, SIGN SPACING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER
- TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION, SPECIAL
- REMOVE EXISTING PAVEMENT, MEDIAN SURFACE, SHOULDER AND CURB AND GUTTER, PLACE PCC PAVEMENT, CURB AND GUTTER, HMA SHOULDER AND MEDIAN SURFACE.
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP INTERSECTION RENTAL WILL BE CHARGED
- USE TYPE III TEMPORARY TAPE TO CLOSE EB OUTSIDE THROUGH LANE AND TO DEVELOP EB RIGHT TURN LANE. COST OF THE TAPE INCLUDE IN TRAFFIC CONTROL AND PROTECTION, SPECIAL.



EXIST. CURVE WILL1 PI STA. = 12+20.89 Δ = 23° 50' 15" (LT) D = 22° 55' 06" R = 250.00' T = 52.77' L = 104.01' E = 5.51' P.C. STA. = 11+68.12 P.T. STA. = 12+72.13	EXIST. CURVE WILL2 PI STA. = 15+85.13 Δ = 14° 15' 17" (LT) D = 9° 33' 09" R = 599.80' T = 75.00' L = 149.23' E = 4.67' P.C. STA. = 15+10.13 P.T. STA. = 16+59.35
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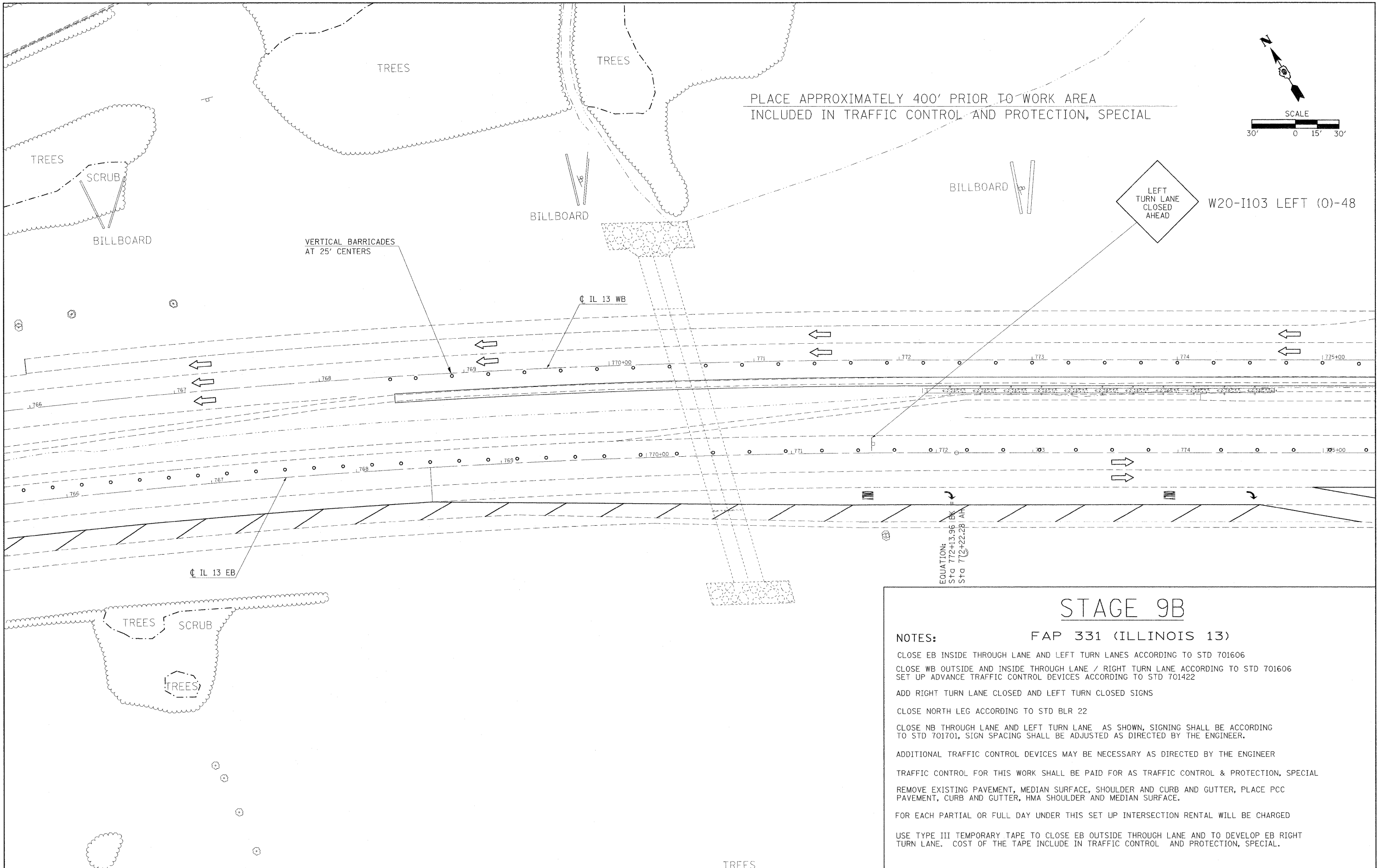
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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 5/6/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 13 STAGE 9B CONSTRUCTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1IN-1, TS-2)	WILLIAMSON	193	74
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

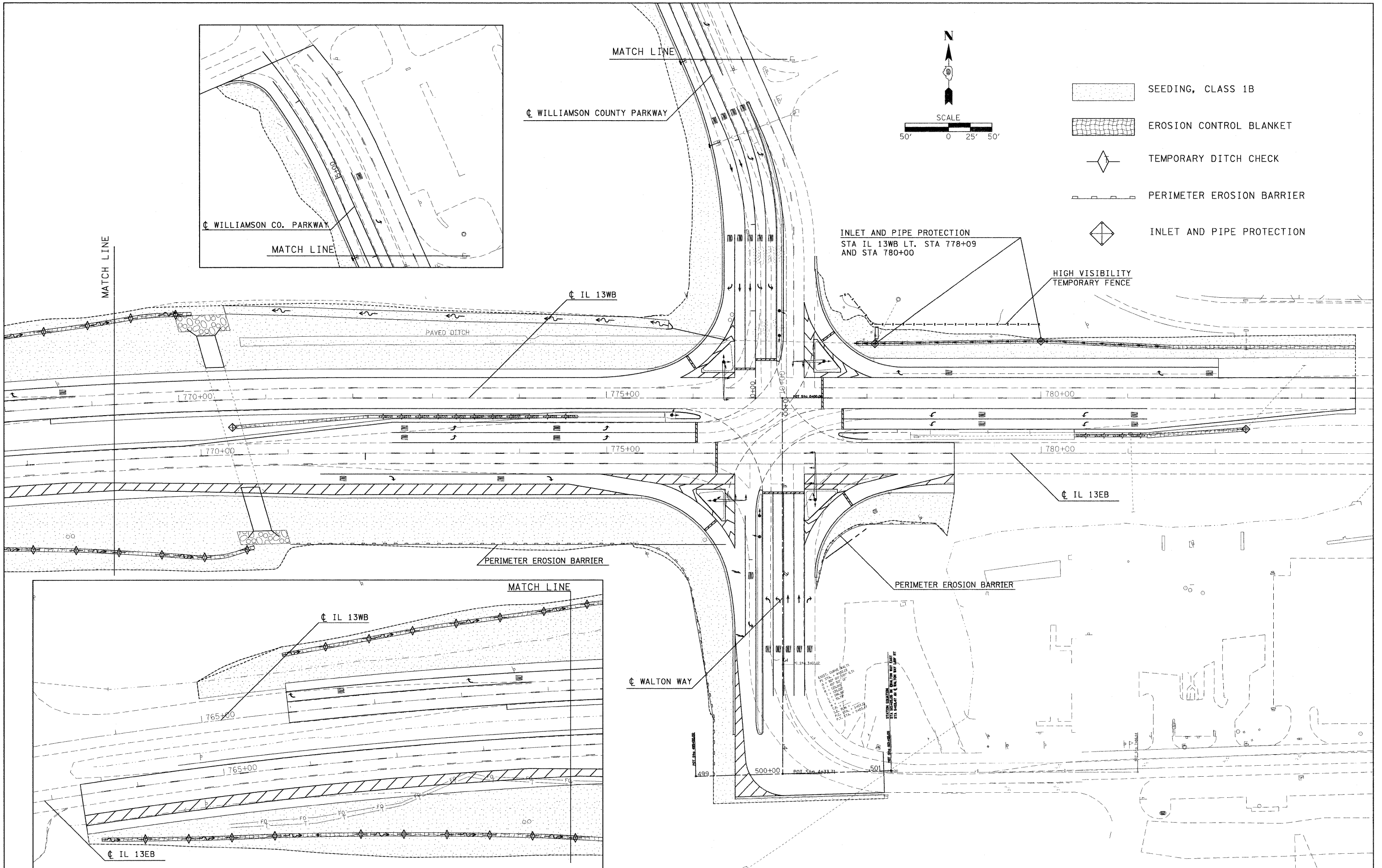


STAGE 9B
FAP 331 (ILLINOIS 13)

NOTES:

- CLOSE EB INSIDE THROUGH LANE AND LEFT TURN LANES ACCORDING TO STD 701606
- CLOSE WB OUTSIDE AND INSIDE THROUGH LANE / RIGHT TURN LANE ACCORDING TO STD 701606
- SET UP ADVANCE TRAFFIC CONTROL DEVICES ACCORDING TO STD 701422
- ADD RIGHT TURN LANE CLOSED AND LEFT TURN CLOSED SIGNS
- CLOSE NORTH LEG ACCORDING TO STD BLR 22
- CLOSE NB THROUGH LANE AND LEFT TURN LANE AS SHOWN, SIGNING SHALL BE ACCORDING TO STD 701701, SIGN SPACING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER
- TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION, SPECIAL
- REMOVE EXISTING PAVEMENT, MEDIAN SURFACE, SHOULDER AND CURB AND GUTTER, PLACE PCC PAVEMENT, CURB AND GUTTER, HMA SHOULDER AND MEDIAN SURFACE.
- FOR EACH PARTIAL OR FULL DAY UNDER THIS SET UP INTERSECTION RENTAL WILL BE CHARGED
- USE TYPE III TEMPORARY TAPE TO CLOSE EB OUTSIDE THROUGH LANE AND TO DEVELOP EB RIGHT TURN LANE. COST OF THE TAPE INCLUDE IN TRAFFIC CONTROL AND PROTECTION, SPECIAL.

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 13 STAGE 9B CONSTRUCTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwwork\pwwid\TRUSSELLCF\dms35765\9-78053 staging.dgn	PLOT SCALE = 30,0000' / IN.	DRAWN -	REVISED -			331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	193	75
	PLOT DATE = 5/6/2009	CHECKED -	REVISED -			CONTRACT NO. 78053		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



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 PLOT DATE = 5/6/2009

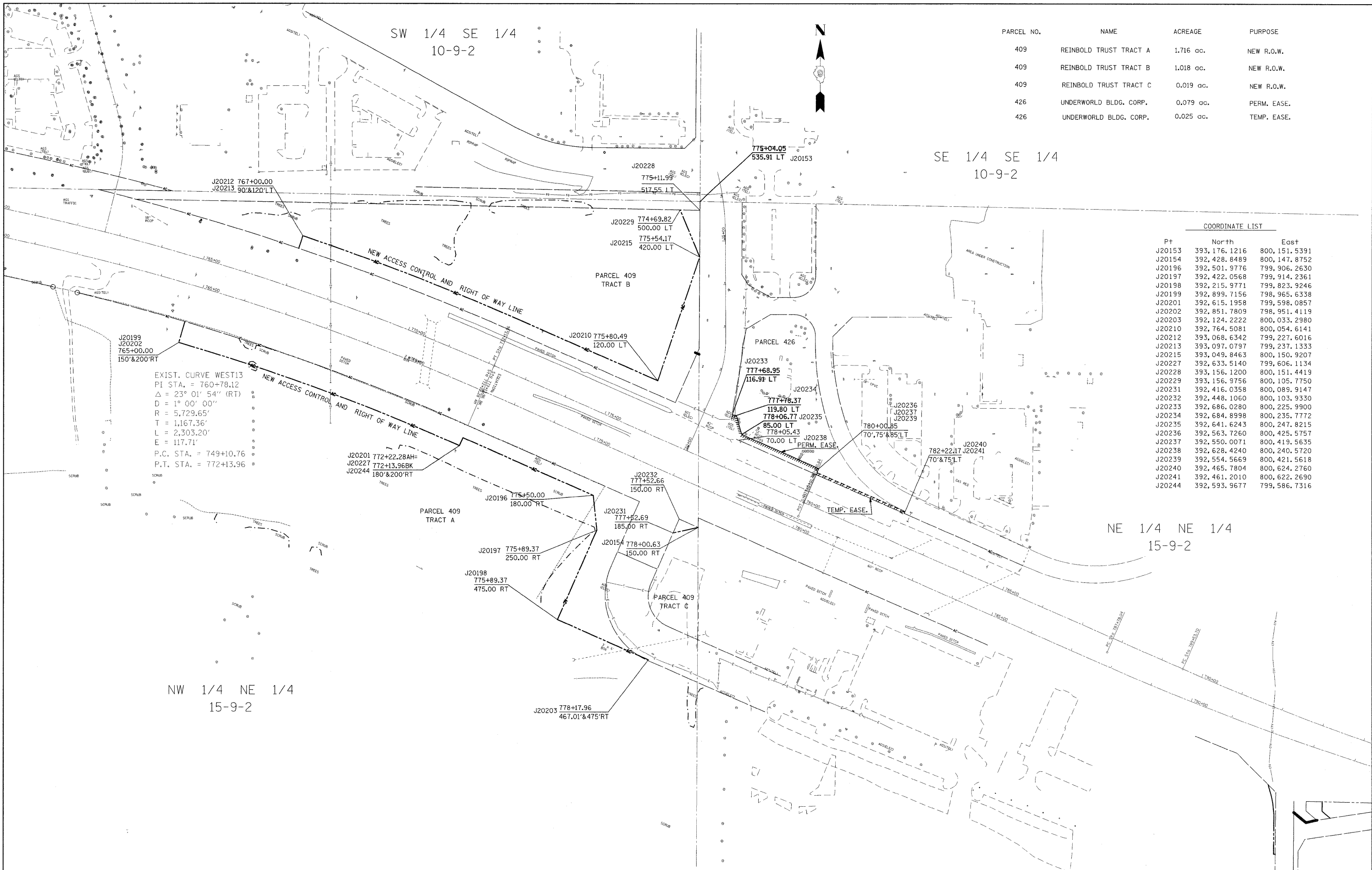
DESIGNED -
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REVISED -
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (1X-1JN-1, TS-2)	WILLIAMSON	190	76
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PARCEL NO.	NAME	ACREAGE	PURPOSE
409	REINBOLD TRUST TRACT A	1.716 ac.	NEW R.O.W.
409	REINBOLD TRUST TRACT B	1.018 ac.	NEW R.O.W.
409	REINBOLD TRUST TRACT C	0.019 ac.	NEW R.O.W.
426	UNDERWORLD BLDG. CORP.	0.079 ac.	PERM. EASE.
426	UNDERWORLD BLDG. CORP.	0.025 ac.	TEMP. EASE.

COORDINATE LIST			
Pt	North	East	
J20153	393,176.1216	800,151.5391	
J20154	392,428.8489	800,147.8752	
J20196	392,501.9776	799,906.2630	
J20197	392,422.0568	799,914.2361	
J20198	392,215.9771	799,823.9246	
J20199	392,899.7156	798,965.6338	
J20201	392,615.1958	799,598.0857	
J20202	392,851.7809	798,951.4119	
J20203	392,124.2222	800,033.2980	
J20210	392,764.5081	800,054.6141	
J20212	393,068.6342	799,227.6016	
J20213	393,097.0797	799,237.1333	
J20215	393,049.8463	800,150.9207	
J20227	392,633.5140	799,606.1134	
J20228	393,156.1200	800,151.4419	
J20229	393,156.9756	800,105.7750	
J20231	392,416.0358	800,089.9147	
J20232	392,448.1060	800,103.9330	
J20233	392,686.0280	800,225.9900	
J20234	392,684.8998	800,235.7772	
J20235	392,641.6243	800,247.8215	
J20236	392,563.7260	800,425.5757	
J20237	392,550.0071	800,419.5635	
J20238	392,628.4240	800,240.5720	
J20239	392,554.5669	800,421.5618	
J20240	392,465.7804	800,624.2760	
J20241	392,461.2010	800,622.2690	
J20244	392,593.9677	799,586.7316	

EXIST. CURVE WEST13
 PI STA. = 760+78.12
 $\Delta = 23^\circ 01' 54''$ (RT)
 D = 1° 00' 00"
 R = 5,729.65'
 T = 1,167.36'
 L = 2,303.20'
 E = 117.71'
 P.C. STA. = 749+10.76
 P.T. STA. = 772+13.96

FILE NAME c:\pwork\pwork\thompsonja\dms74590\100107sh.tdgn	USER NAME = thompsonja 100107sh.tdgn	DESIGNED - - - -	REVISED - - - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS		F.A.P. RTE. 331	SECTION 118-119, 15-2	COUNTY WILLIAMSON	TOTAL SHEETS 170	SHEET NO. 77	
PLOT SCALE = 100.0000' / IN.	CHECKED - - - -	REVISED - - - -	REVISED - - - -		PROJECT NON_EA	JOB NO. B99-004-Q8	CONTRACT NO. 78053					
PLOT DATE = 5/6/2009	DATE - - - - -	REVISED - - - -	REVISED - - - -		SCALE: 1"=100'	SHEET NO. 1 OF 1 SHEETS	STA. 760+00 TO STA. 794+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROP. CURVE P-WILCO-2
 PI STA. = 5+84.61
 $\Delta = 16^\circ 51' 36''$ (LT)
 $D = 9^\circ 50' 53''$
 $R = 581.80'$
 $T = 86.22'$
 $L = 171.20'$
 $E = 6.35'$
 P.C. STA. = 4+98.38
 P.T. STA. = 6+69.59

PROP. CURVE P-WILCO-1
 PI STA. = 2+56.70
 $\Delta = 23^\circ 50' 15''$ (LT)
 $D = 17^\circ 41' 02''$
 $R = 324.00'$
 $T = 68.39'$
 $L = 134.80'$
 $E = 7.14'$
 P.C. STA. = 1+88.31
 P.T. STA. = 3+23.11

CS 6055 WILLIAMSON COUNTY PARKWAY

STA 776+71.71 FAP 331 (IL 13 WB)
 STA 0+00 CS 6055 (WILL. COUNTY PARKWAY)

STA 777+02+51 FAP 331 (IL 13 WB)
 STA 0+00 CS 1203 (WALTON WAY)

TIE INTO EXISTING PROJECT

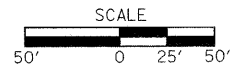
PROJECT ENDS
 STA 783+62

TIE INTO FUTURE PROJECT

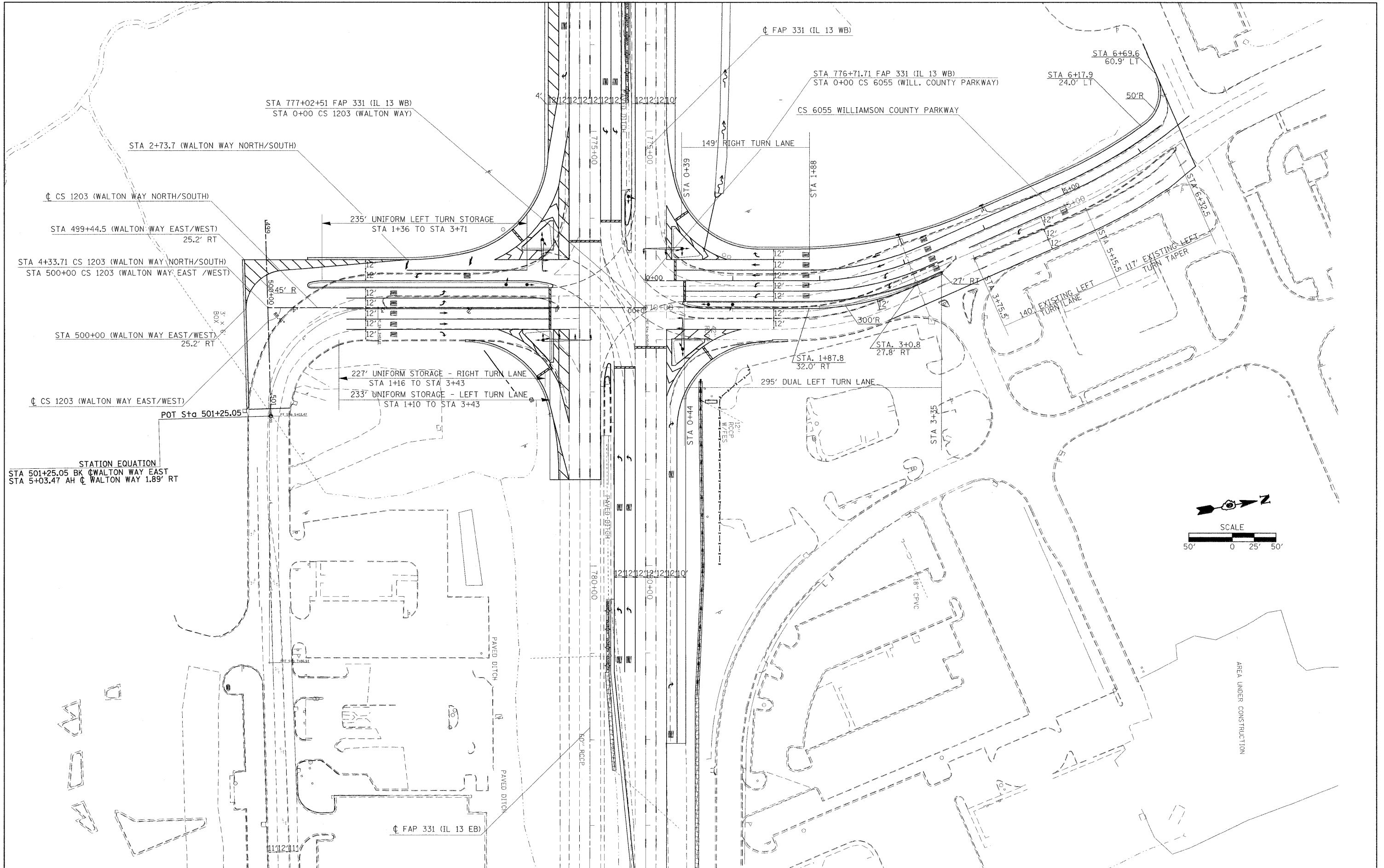
350' UNIFORM STORAGE

240' LEFT TURN TAPER (10:1)

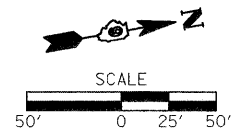
CS 1203 WALTON WAY



FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRICS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwork\p\WIDOT\RUSSELLCF\dms35765\	78053_41\walsheet.m32	DRAWN -	REVISED -			331	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	190	78	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/6/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. TO STA.	



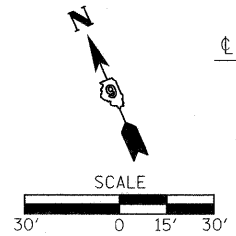
STATION EQUATION
 STA 501+25.05 BK WALTON WAY EAST
 STA 5+03.47 AH WALTON WAY 1.89' RT



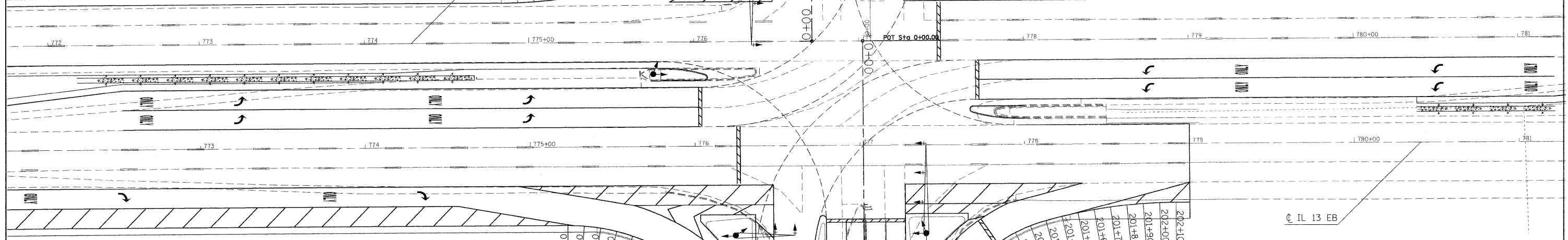
PLOT DATE = 5/6/2009
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 PLOT SCALE = 50.0000' / IN.
 USER NAME = russellc

FILE NAME = c:\pwworking\PMIDOT\RUSSELLC\F\ms35765\p78053_141\sheet.m32	USER NAME = russellc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRICS	F.A.P. RTE. 331	SECTION SEC. NO. (IX-1)N-1, TS-2	COUNTY WILLIAMSON	TOTAL SHEETS 190	SHEET NO. 79	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	SCALE: 1"=50'			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 78053			
PLOT DATE = 5/6/2009	DATE -	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
							BDE-9908				

STATIONING ALONG WILLIAMSON CO. PARKWAY	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 1+31.0	36.0	443.23			10
LT. 1+21.0	36.5	443.30			10
LT. 1+11.1	38.0	443.57			10
LT. 1+01.5	40.5	443.74			10
LT. 0+92.1	43.9	443.91			10
LT. 0+83.1	48.2	444.08			10
LT. 0+74.5	53.5	444.25			10
LT. 0+66.5	59.5	444.42	LT. 776+12.2	66.7	10
LT. 0+59.3	66.3	444.59	LT. 776+05.4	59.3	10
		444.76	LT. 775+97.9	52.7	10
		444.93	LT. 775+89.7	46.9	10
		445.10	LT. 775+81.1	41.9	10
		445.27	LT. 775+71.9	37.8	10
		445.44	LT. 775+62.5	34.6	10
		445.61	LT. 775+52.8	32.2	10
		445.67	LT. 775+43.0	30.0	10
		445.73	LT. 775+33.2	28.2	10
		445.79	LT. 775+23.3	26.7	10
		445.85	LT. 775+13.4	25.5	10
		445.86	LT. 775+03.4	24.7	10
		445.87	LT. 774+93.4	24.2	10
		445.84	LT. 774+83.4	24.0	10

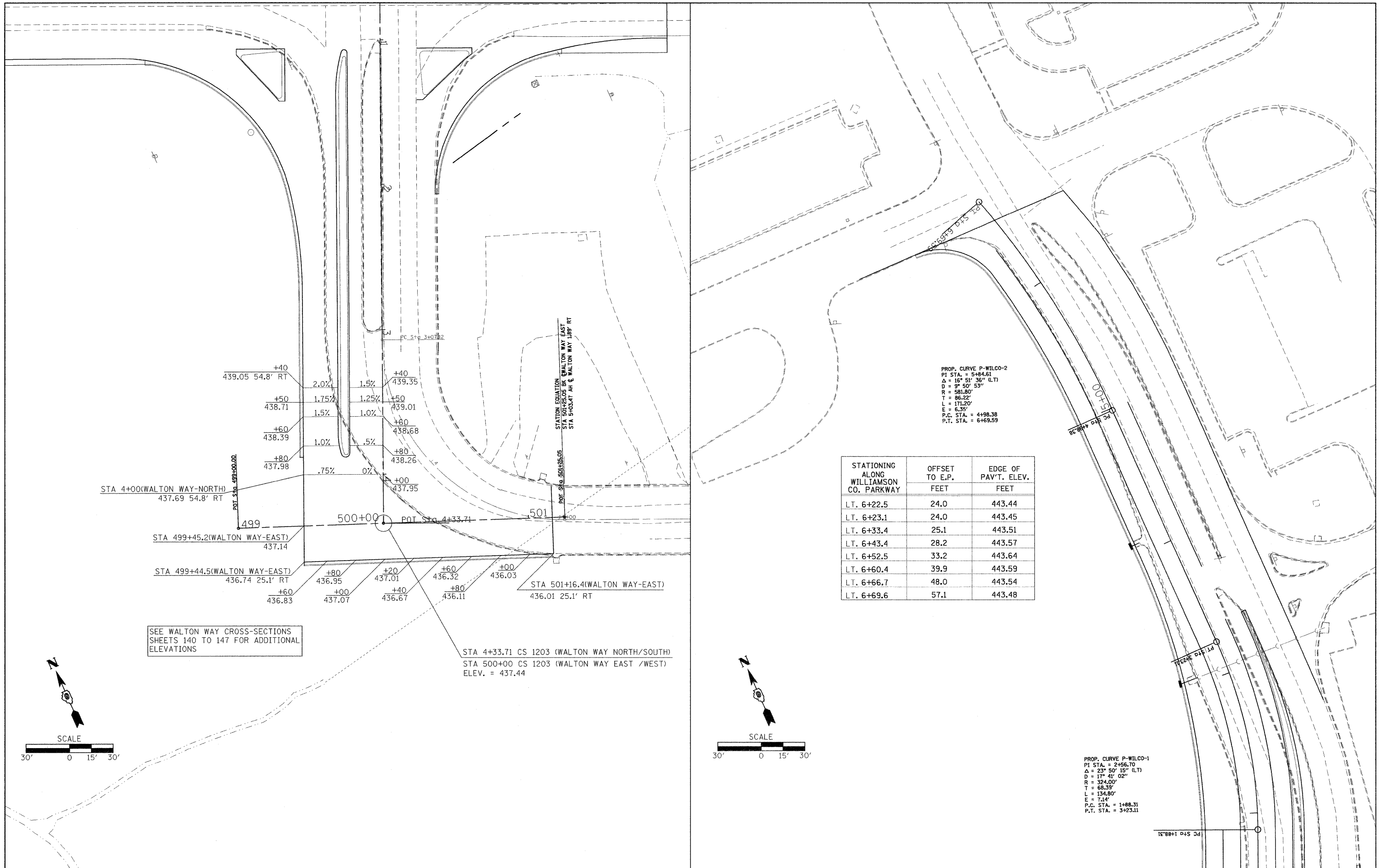


STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG WILLIAMSON CO. PARKWAY	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 778+43.9	36.0	446.65			10
LT. 778+33.9	36.4	446.50			10
LT. 778+24.0	37.8	446.35			10
LT. 778+14.3	40.1	446.20			10
LT. 778+04.9	43.5	446.05			10
LT. 777+95.8	47.7	445.90			10
LT. 777+87.2	52.8	445.75			10
LT. 777+79.2	58.8	445.60			10
LT. 777+71.8	65.5	445.45	RT. 0+65.5	100.1	10
LT. 777+71.8	73.0	445.30	RT. 0+73.0	93.4	10
		445.17	RT. 0+81.0	87.5	10
		445.04	RT. 0+89.7	82.5	10
		444.91	RT. 0+98.7	78.3	10
		444.78	RT. 1+08.2	75.0	10
		444.65	RT. 1+17.9	72.7	10
		444.52	RT. 1+27.8	71.1	10
		444.38	RT. 1+37.7	69.8	10
		444.13	RT. 1+47.6	68.0	10
		443.92	RT. 1+57.6	68.0	10

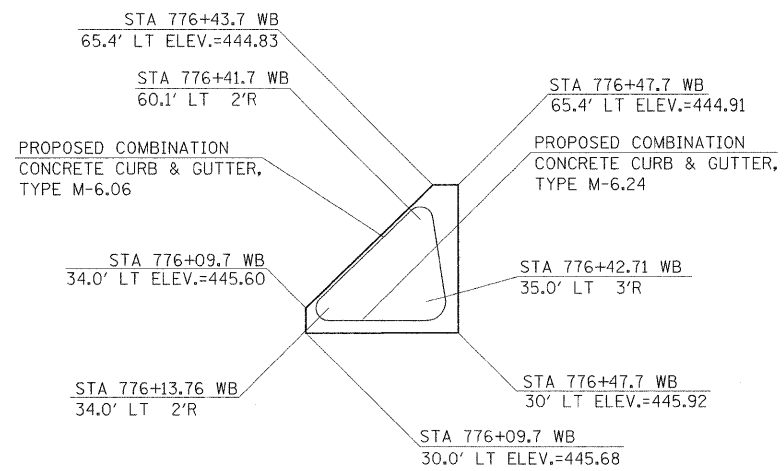


STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG WALTON WAY	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 775+22.5	48.0	445.43			10
RT. 775+32.5	48.4	445.29			10
RT. 775+42.5	49.7	445.15			10
RT. 775+52.2	51.7	445.01			10
RT. 775+61.8	54.6	444.87			10
RT. 775+71.1	58.3	444.73			10
RT. 775+80.1	62.7	444.59			10
RT. 775+88.6	67.8	444.45			10
RT. 775+96.7	73.7	444.31			10
RT. 776+04.3	80.2	444.17	RT. 1+43.9	97.9	10
RT. 776+11.3	87.3	444.03	RT. 1+51.0	90.9	10
		443.89	RT. 1+58.7	84.5	10
		443.75	RT. 1+66.9	78.8	10
		443.52	RT. 1+75.5	73.7	10
		443.29	RT. 1+84.5	69.4	10
		443.06	RT. 1+93.9	65.9	10
		442.83	RT. 2+03.5	63.1	10
		442.60	RT. 2+13.3	61.0	10
		442.37	RT. 2+23.1	59.1	10
		442.14	RT. 2+33.0	57.6	10
		441.90	RT. 2+42.9	56.4	10
		441.64	RT. 2+52.9	55.5	10
		441.34	RT. 2+62.8	55.0	10
		441.03	RT. 2+72.8	54.8	10

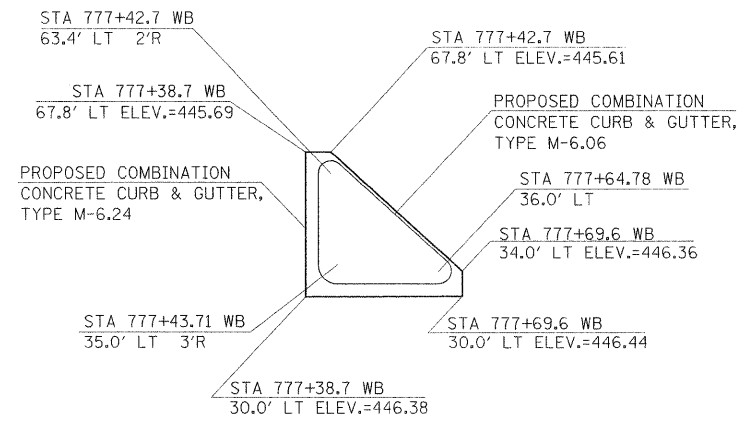
STATIONING ALONG WALTON WAY	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 2+06.9	37.2	442.46			10
LT. 1+96.9	37.7	442.76			10
LT. 1+87.0	39.2	443.06			10
LT. 1+77.4	41.7	443.36			10
LT. 1+68.0	45.1	443.66			10
LT. 1+59.0	49.4	443.96			10
LT. 1+50.4	54.7	444.26			10
LT. 1+42.5	60.7	444.56			10
LT. 1+35.2	67.5	444.86			10
LT. 1+28.6	75.0	445.16	LT. 777+77.3	64.7	10
LT. 1+22.8	83.2	445.46	LT. 777+85.4	58.9	10
		445.74	LT. 777+94.1	53.9	10
		446.02	LT. 778+03.2	49.8	10
		446.30	LT. 778+12.7	46.7	10
		446.58	LT. 778+22.3	44.2	10
		446.68	LT. 778+32.1	42.0	10
		446.78	LT. 778+41.9	40.2	10
		446.88	LT. 778+51.8	38.7	10
		446.98	LT. 778+61.8	37.5	10
		447.06	LT. 778+71.7	36.7	10
		447.11	LT. 778+81.7	36.2	10
		447.16	LT. 778+91.7	36.0	10



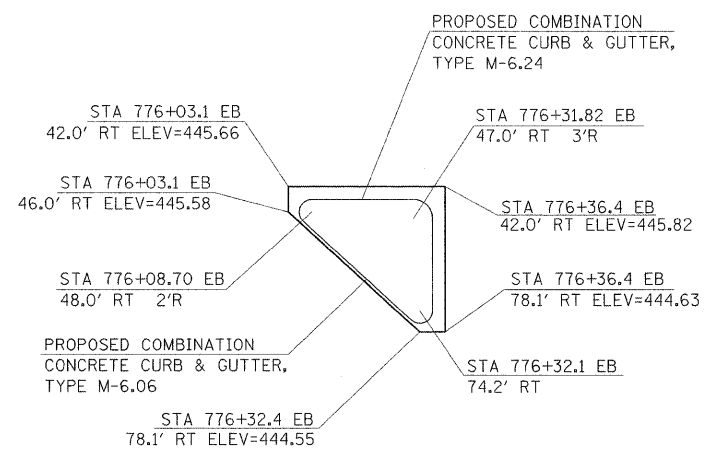
STATIONING ALONG WILLIAMSON CO. PARKWAY	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET
L.T. 6+22.5	24.0	443.44
L.T. 6+23.1	24.0	443.45
L.T. 6+33.4	25.1	443.51
L.T. 6+43.4	28.2	443.57
L.T. 6+52.5	33.2	443.64
L.T. 6+60.4	39.9	443.59
L.T. 6+66.7	48.0	443.54
L.T. 6+69.6	57.1	443.48



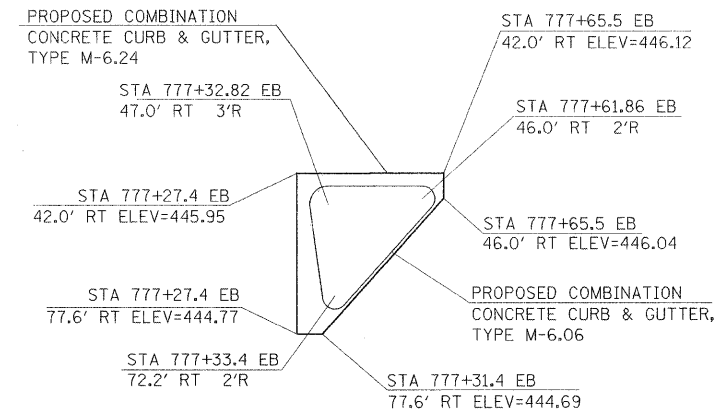
NW ISLAND DETAIL
NOT TO SCALE



NE ISLAND DETAIL
NOT TO SCALE

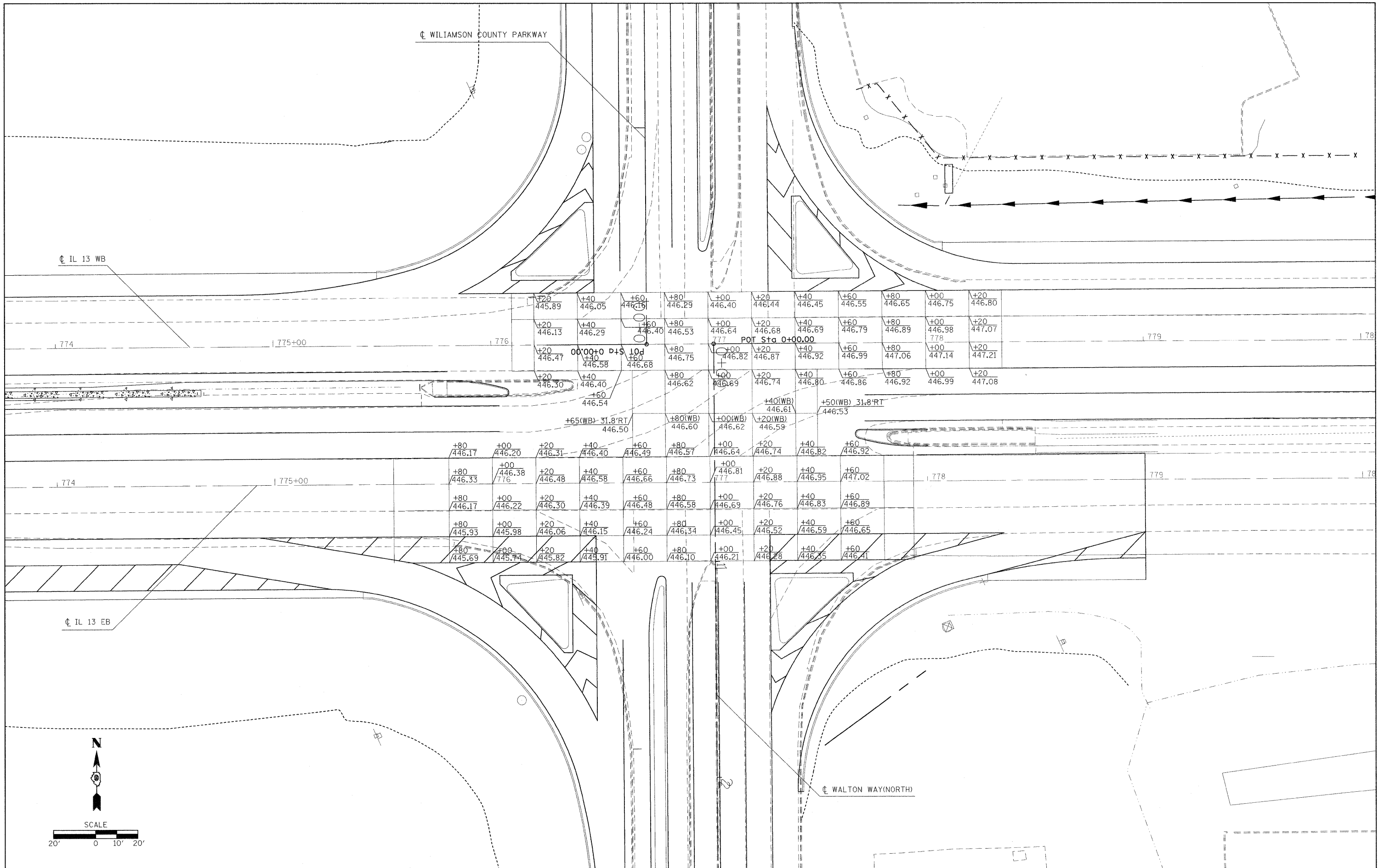


SW ISLAND DETAIL
NOT TO SCALE



SE ISLAND DETAIL
NOT TO SCALE

FILE NAME =	USER NAME = russellcf	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 = 50,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 78053					
	PLOT DATE = 5/6/2009	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



CL WILLIAMSON COUNTY PARKWAY

CL IL 13 WB

CL IL 13 EB

CL WALTON WAY(NORTH)

FILE NAME =
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 PLOT DATE = 5/6/2009

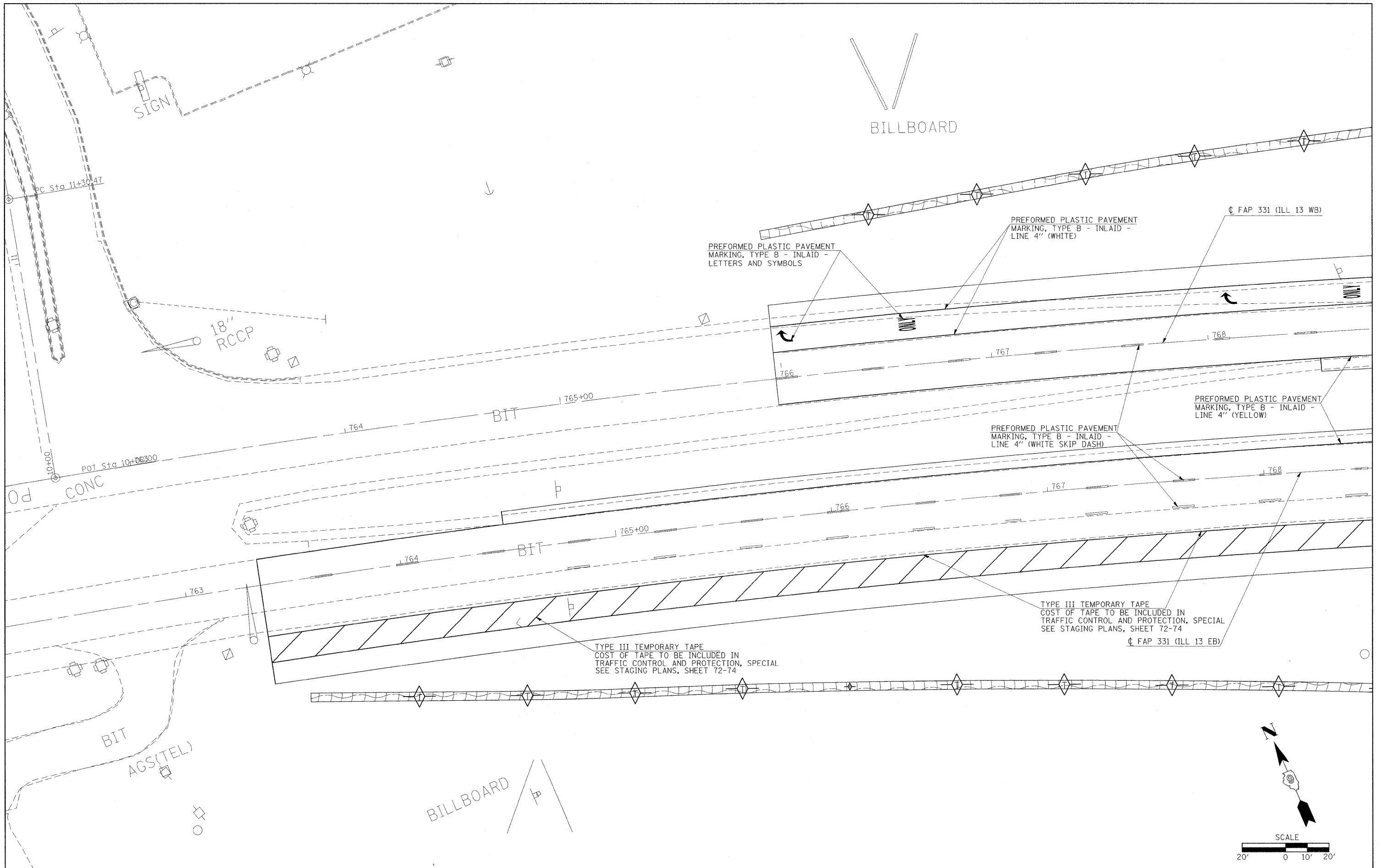
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	190	83
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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 PLOT SCALE = 20.00' / IN.
 PLOT DATE = 5/5/2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

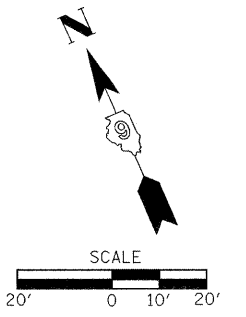
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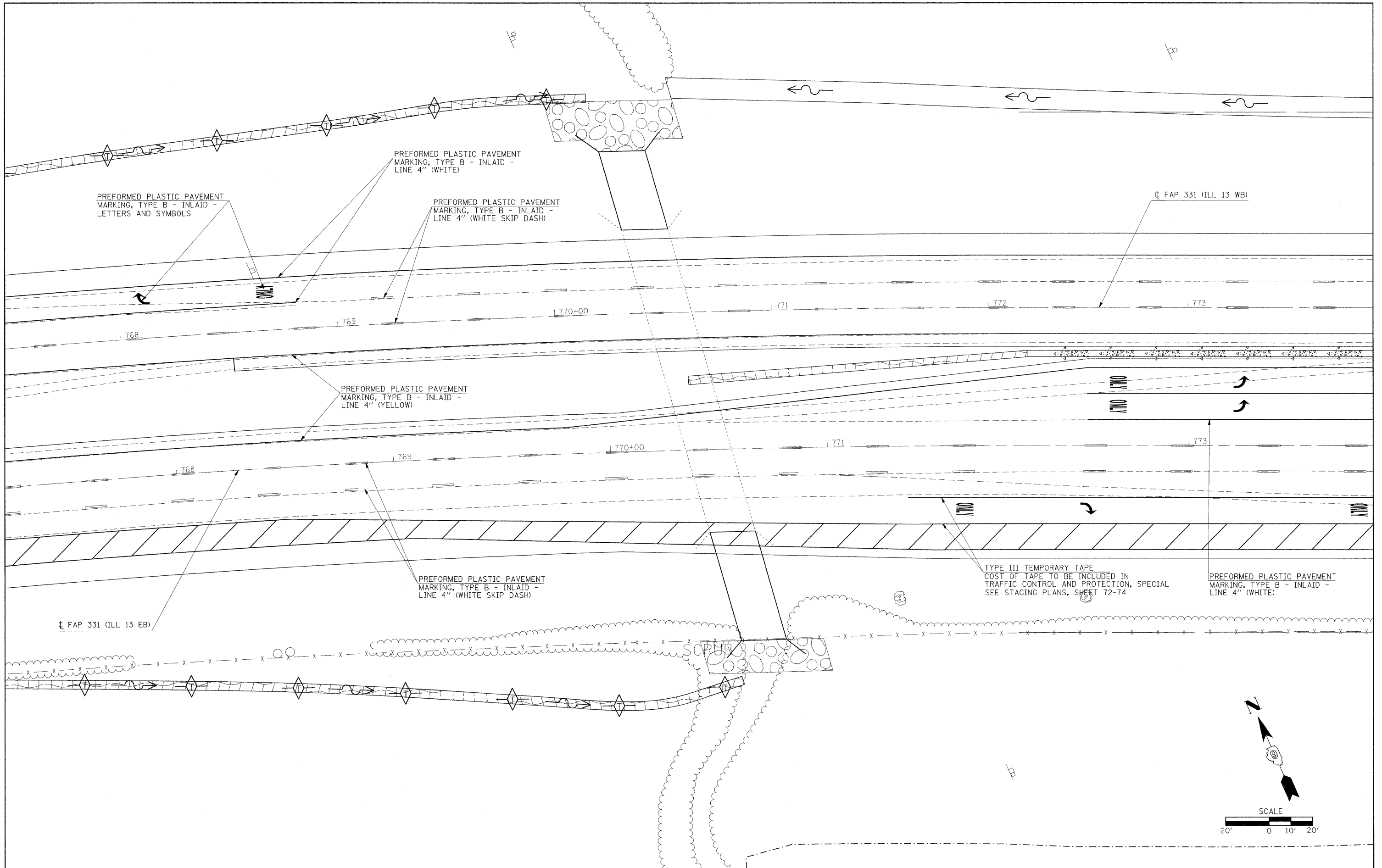
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (1X-1N-1, TS-2)	WILLIAMSON	190	84
CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





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

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

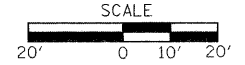
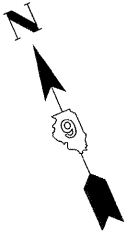
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4" (WHITE SKIP DASH)

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

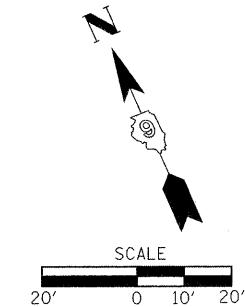
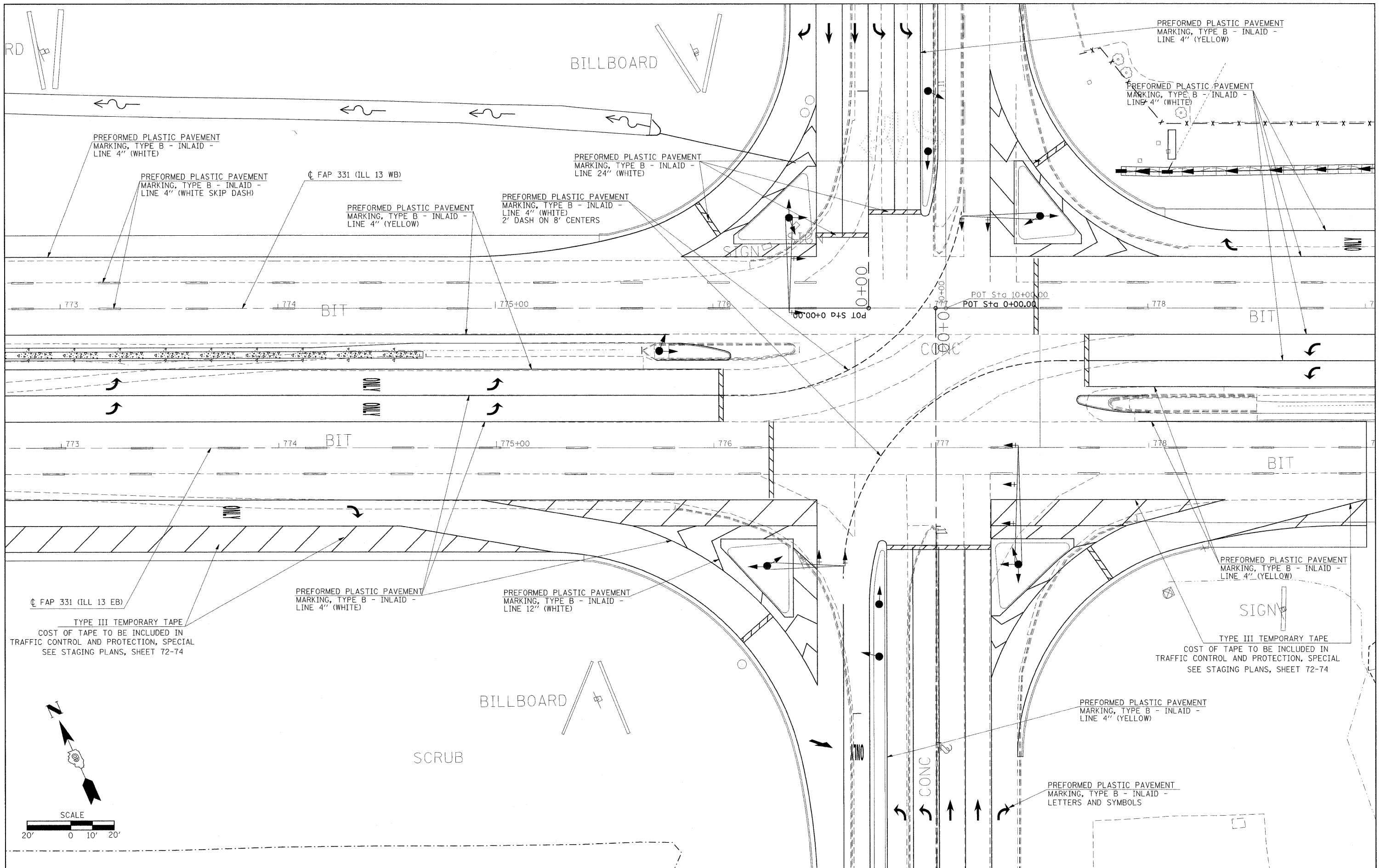
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4" (WHITE SKIP DASH)

TYPE III TEMPORARY TAPE
COST OF TAPE TO BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION, SPECIAL SEE STAGING PLANS, SHEET 72-74

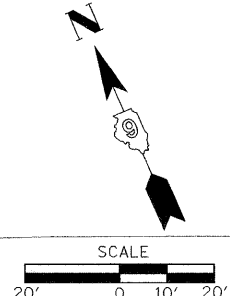
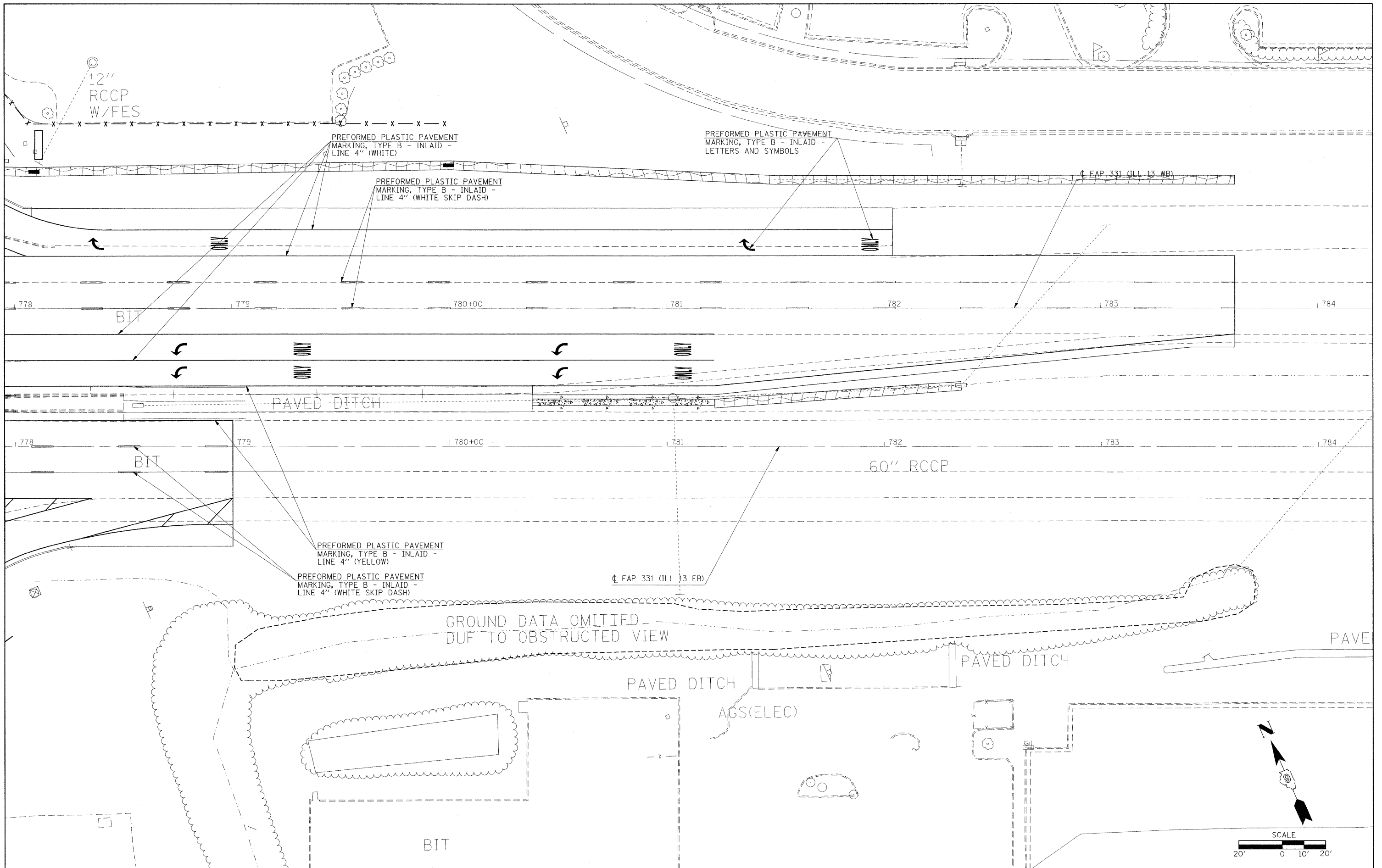
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4" (WHITE)



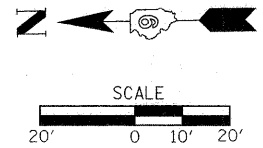
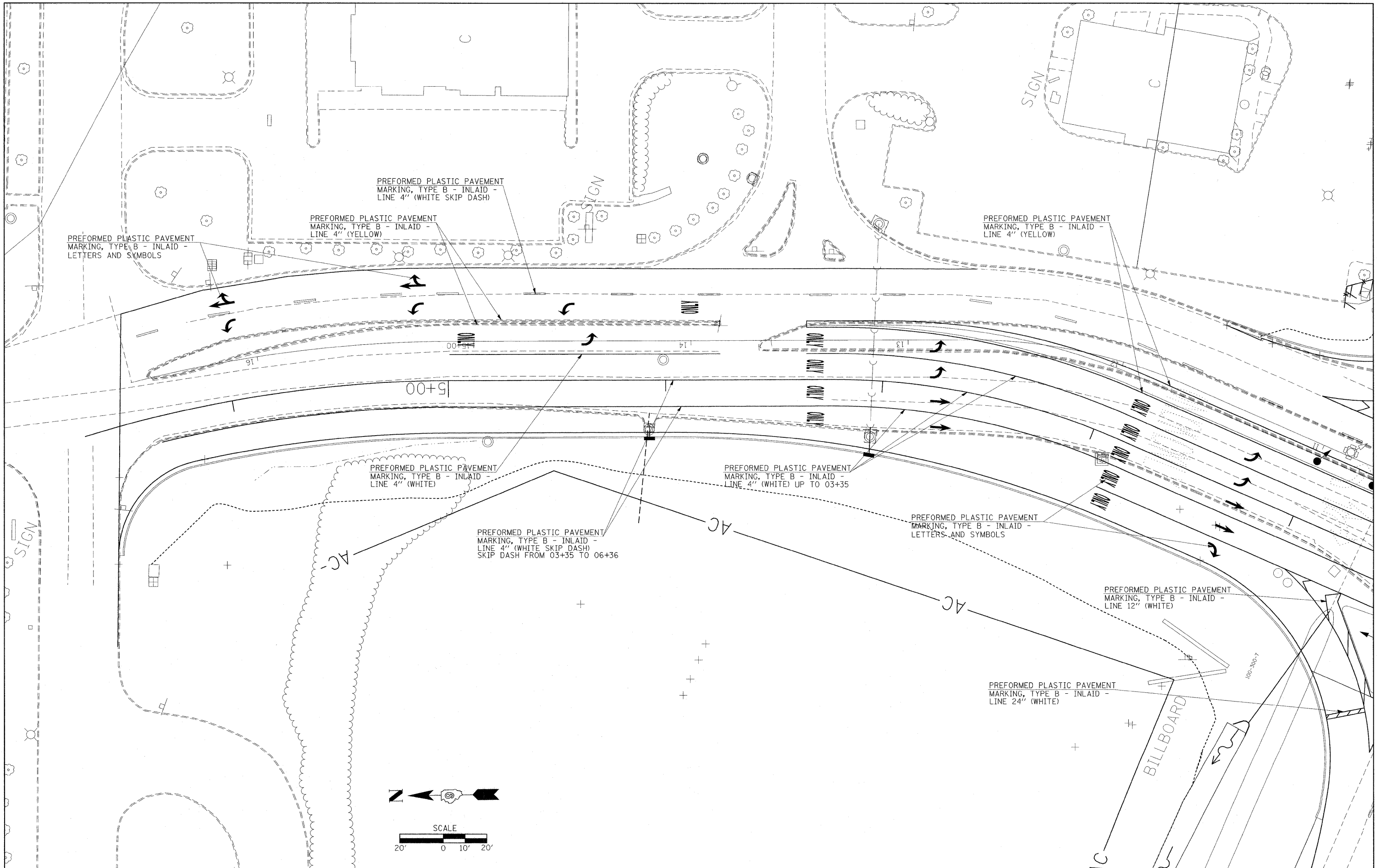
FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PIW\DOT\RUSSELLCF\dms43738\d	78053_sht_typical.dgn	DRAWN -	REVISED -		331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	85			
	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -		CONTRACT NO. 78053							
	PLOT DATE = 5/5/2009	DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						
				SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA.	TO STA.			



FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
ci:\pw\work\VPWIDOT\RUSSELLCF\dms43738\d	2_78053_sht_typ10a1.dgn	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA.	TO STA.	331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	190	86
	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -								CONTRACT NO. 78053				
	PLOT DATE = 5/5/2009	DATE -	REVISED -								ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
ct:\pw_work\NPWIDOT\RUSSELLCF\dms43738\d	78053_sht_typical.dgn	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA.	TO STA.	331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	87
	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -									CONTRACT NO. 78053			
	PLOT DATE = 5/5/2009	DATE -	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

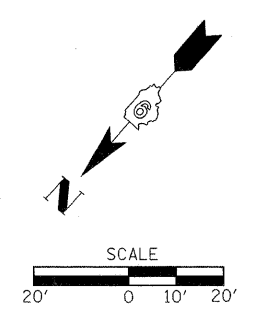
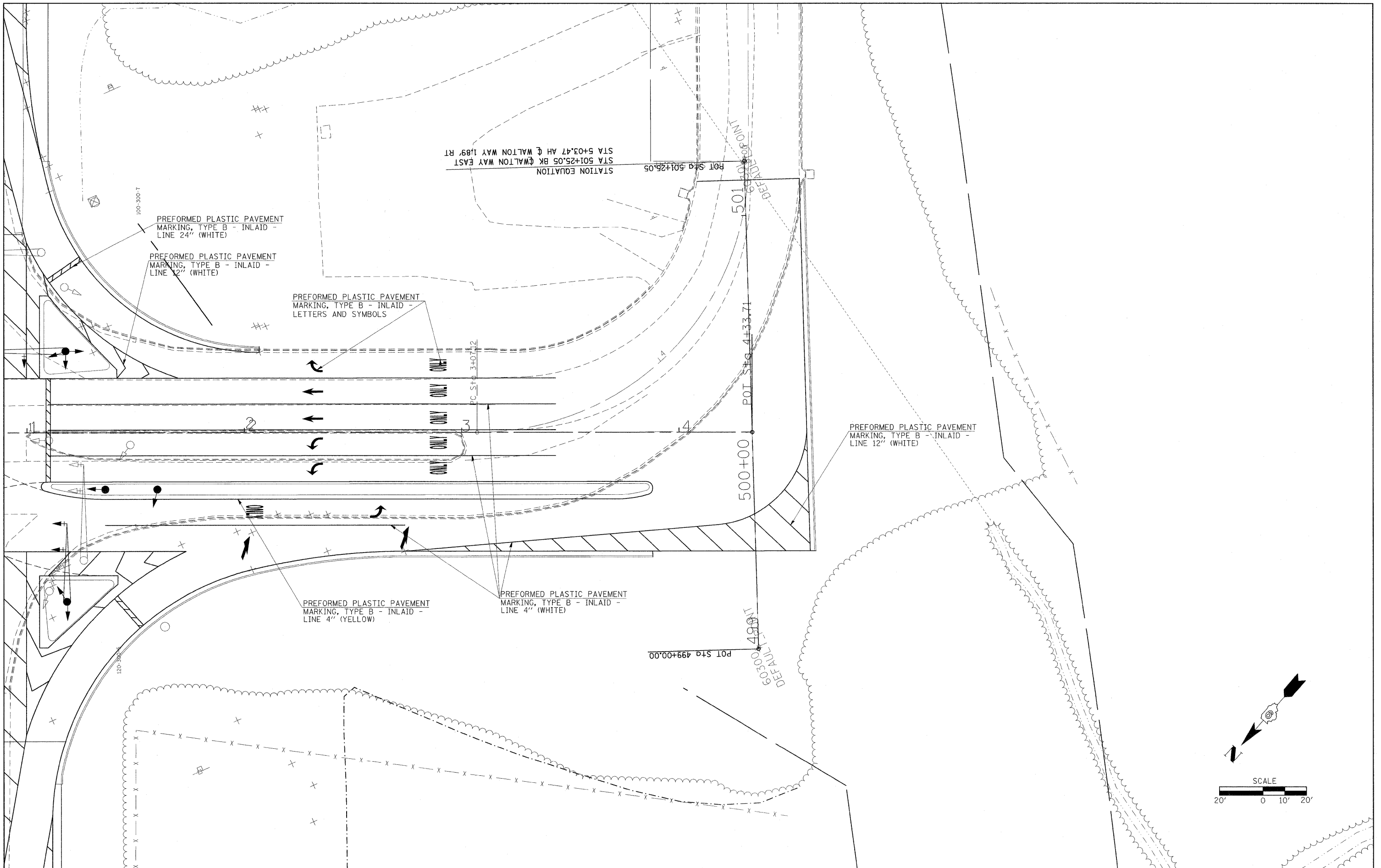


FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -
or\pwwork\PIWIDOT\RUSSELLCF\dms43738\d	78053_sht.typl01.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -
	PLOT DATE = 5/5/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	88
CONTRACT NO. 78053				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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 e:\pw_work\PW\IDOT\RUSSELLC\F\ds43738\d

USER NAME = russellc
 78053.sh_ttypical.dgn
 PLOT SCALE = 20.00' / IN.
 PLOT DATE = 5/5/2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

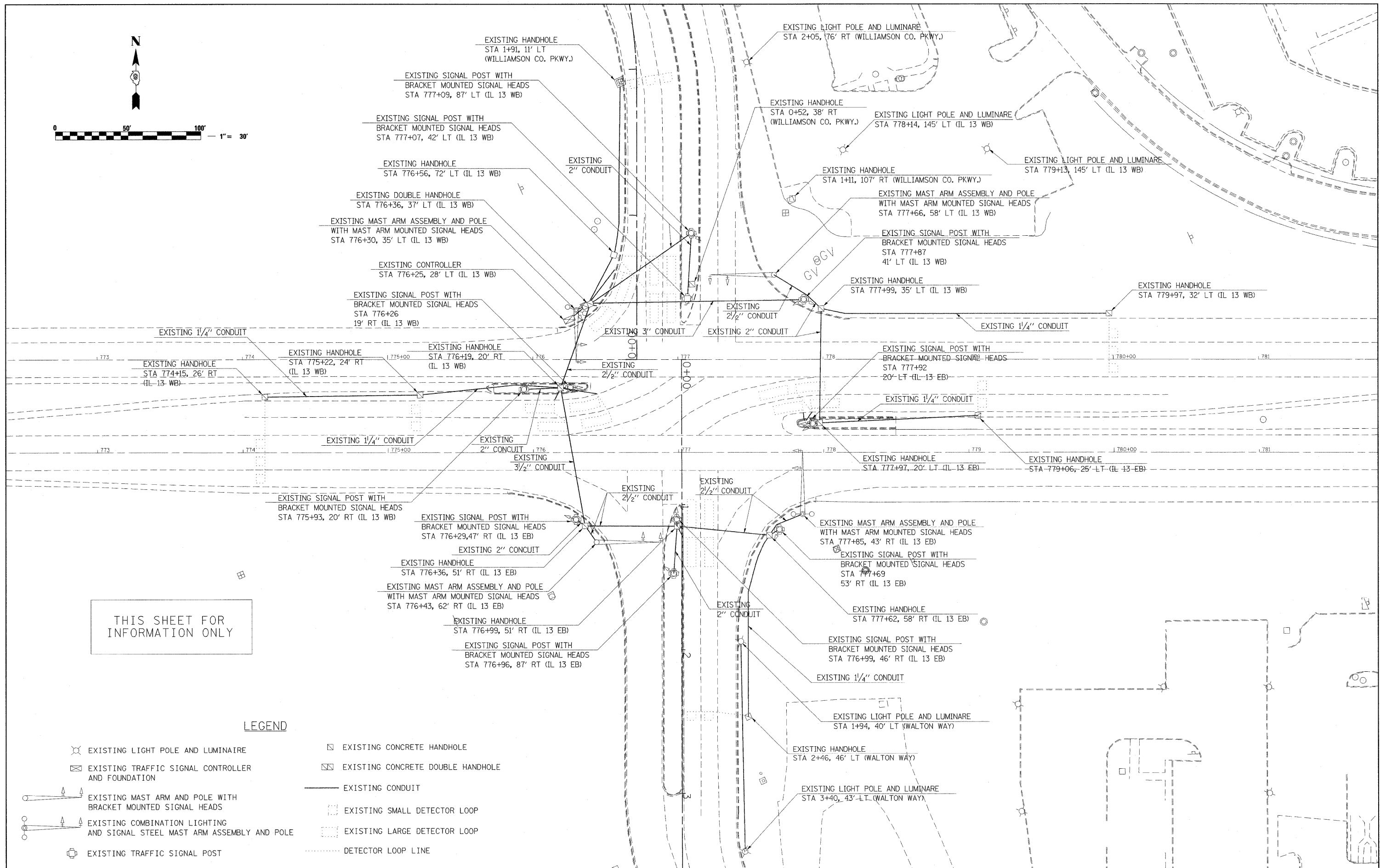
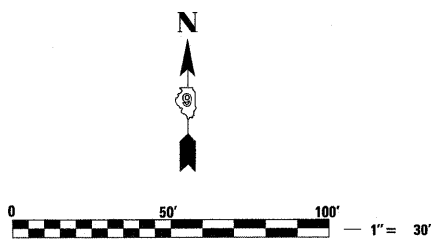
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET












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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	SEC. NO. (1X-1)N-1, TS-2	WILLIAMSON	190	89
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 78053	



THIS SHEET FOR INFORMATION ONLY

LEGEND

-  EXISTING LIGHT POLE AND LUMINAIRE
-  EXISTING TRAFFIC SIGNAL CONTROLLER AND FOUNDATION
-  EXISTING MAST ARM AND POLE WITH BRACKET MOUNTED SIGNAL HEADS
-  EXISTING COMBINATION LIGHTING AND SIGNAL STEEL MAST ARM ASSEMBLY AND POLE
-  EXISTING TRAFFIC SIGNAL POST
-  EXISTING CONCRETE HANDHOLE
-  EXISTING CONCRETE DOUBLE HANDHOLE
-  EXISTING CONDUIT
-  EXISTING SMALL DETECTOR LOOP
-  EXISTING LARGE DETECTOR LOOP
-  DETECTOR LOOP LINE

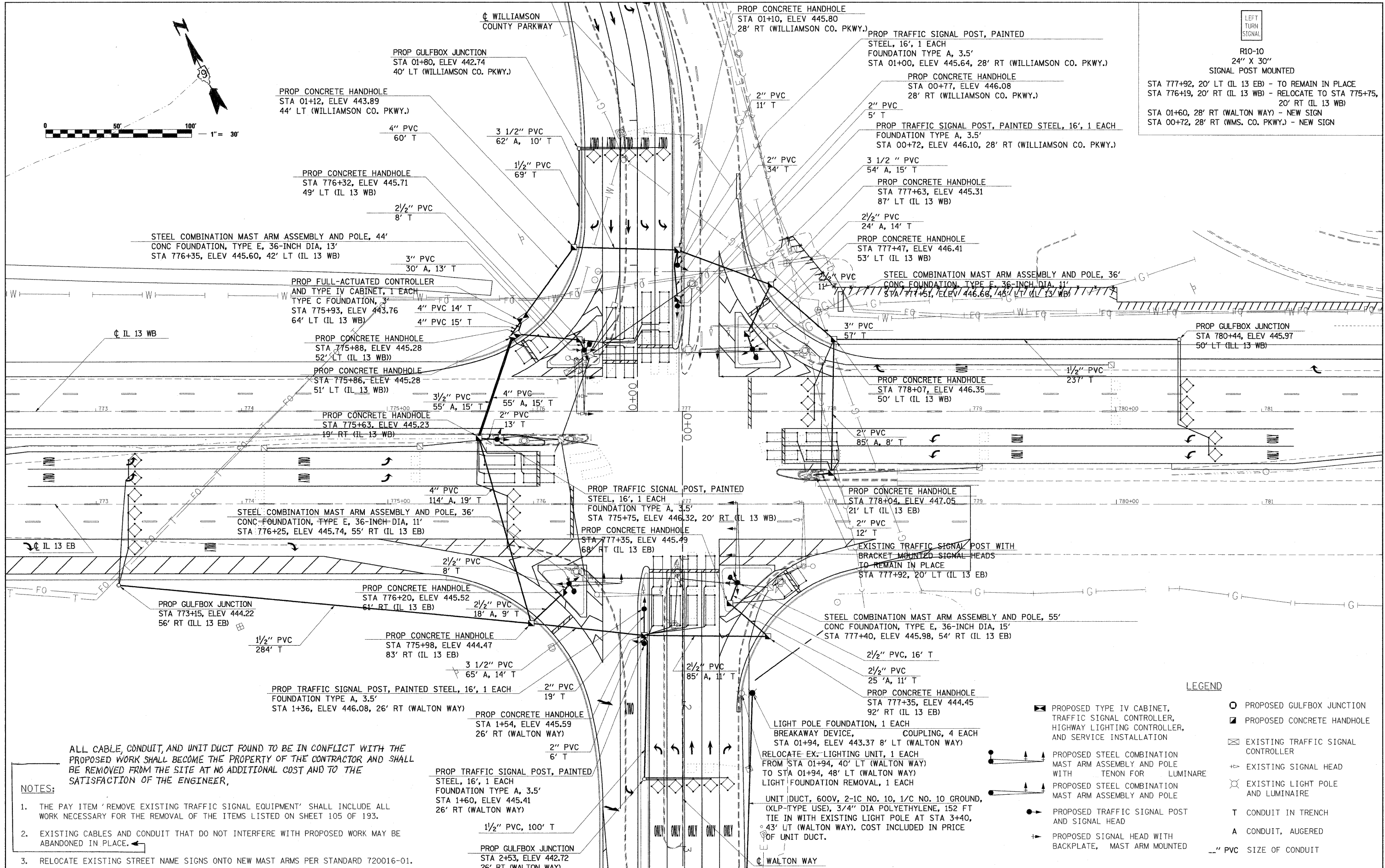
FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -
ci:\pw_work\puidot\russellcf\dms43738\d976053-ts-sh.tdgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING 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	SEC. NO. (IX-1N-1, TS-2)	WILLIAMSON	190	90
CONTRACT NO. 78053				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



LEFT TURN SIGNAL

R10-10
24" X 30"
SIGNAL POST MOUNTED

STA 777+92, 20' LT (IL 13 EB) - TO REMAIN IN PLACE
STA 776+19, 20' RT (IL 13 WB) - RELOCATE TO STA 775+75, 20' RT (IL 13 WB)

STA 01+60, 28' RT (WALTON WAY) - NEW SIGN
STA 00+72, 28' RT (WMS. CO. PKWY.) - NEW SIGN



NOTES:

ALL CABLE, CONDUIT, AND UNIT DUCT FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE ENGINEER.

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.

LEGEND

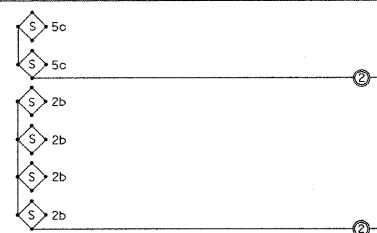
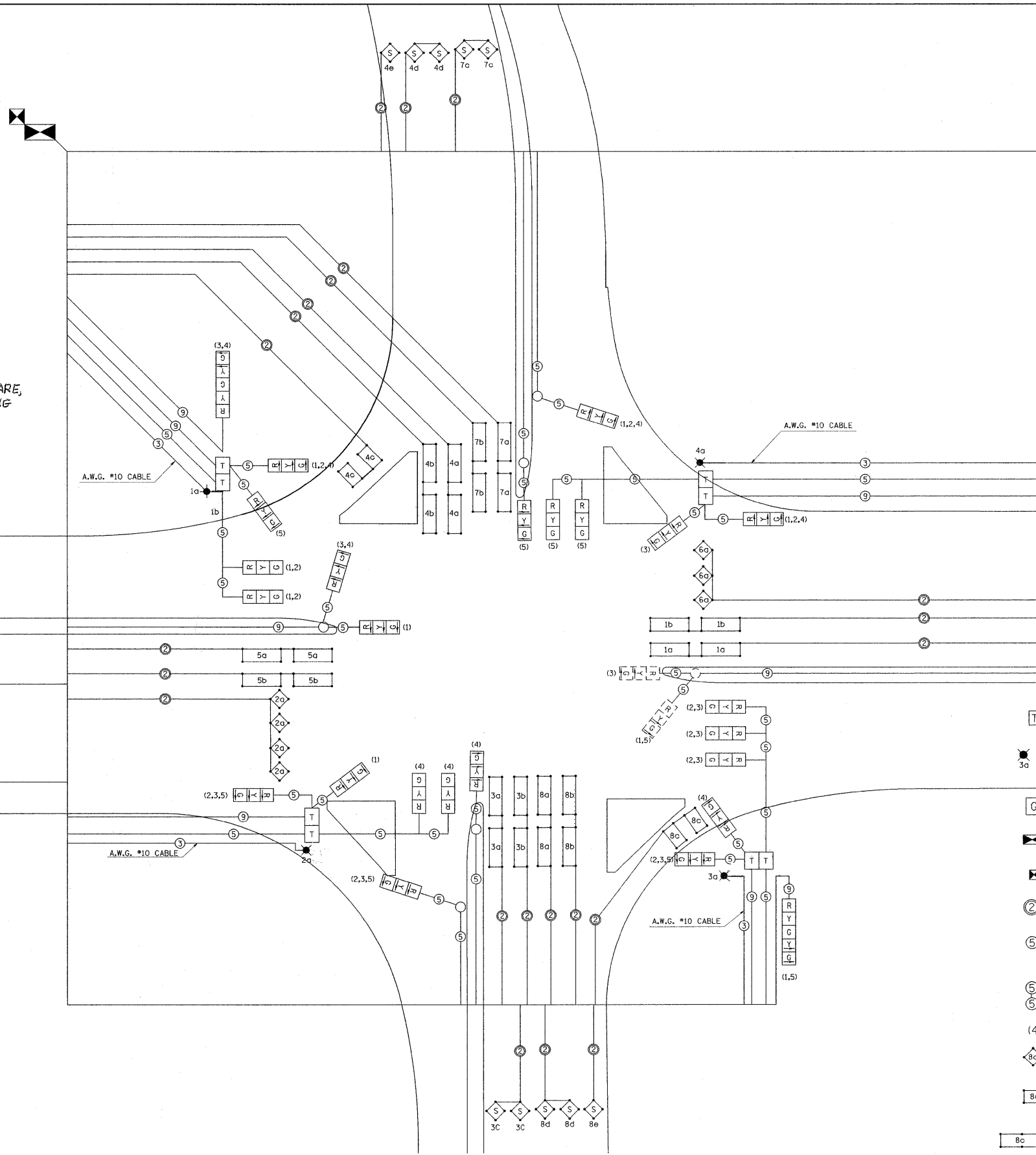
	PROPOSED TYPE IV CABINET, TRAFFIC SIGNAL CONTROLLER, HIGHWAY LIGHTING CONTROLLER, AND SERVICE INSTALLATION		PROPOSED GULFBOX JUNCTION
	EXISTING TRAFFIC SIGNAL CONTROLLER		EXISTING SIGNAL HEAD
	PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH TENON FOR LUMINAIRE		EXISTING LIGHT POLE AND LUMINAIRE
	PROPOSED TRAFFIC SIGNAL POST AND SIGNAL HEAD		T CONDUIT IN TRENCH
	PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED		A CONDUIT, AUGERED
			" PVC SIZE OF CONDUIT

FILE NAME =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC SIGNALS AND LIGHTING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw-work\p\dms\russellcf\dms43738\d9-78053-ts-sht.dgn		DRAWN -	REVISED -			331	SEC. NO. (IX-1N-1, T5-2)	WILLIAMSON	190	91	
PLOT SCALE = 30,0000' / IN.		CHECKED -	REVISED -			SCALE: 1"=30'		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 78053	
PLOT DATE = 5/5/2009		DATE -	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

Rev.

NOTES

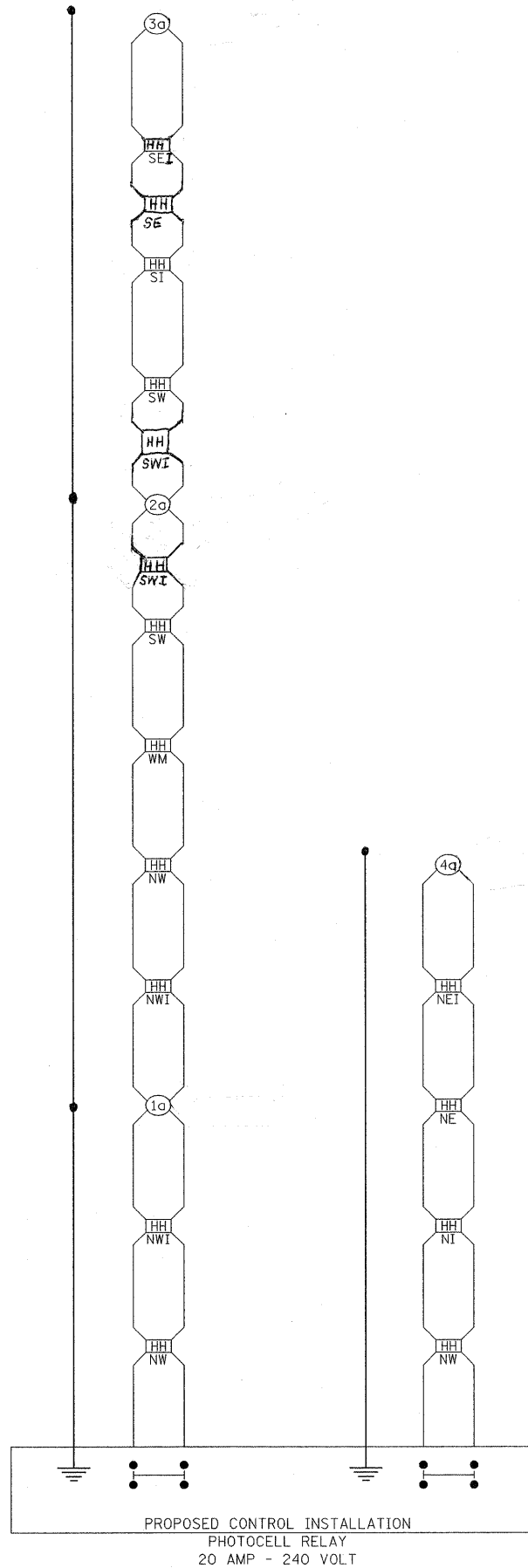
1. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.
3. ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPliced IN POLE. SEE LIGHT POLE FOUNDATION DETAIL.
4. 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.
7. LIGHTING CONTROLLER WITH PHOTOCELL RELAY SHALL BE MOUNTED IN A MANNER APPROVED BY THE ENGINEER. THE COST OF THIS WORK, INCLUDING ALL LABOR, HARDWARE, AND EQUIPMENT, SHALL BE INCLUDED IN THE "LIGHTING CONTROLLER PHOTOCELL RELAY" PAY ITEM.



LEGEND

- T TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS).
- SINGLE TENON FOR LUMINAIRE. 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 WITH PHOTOCELL RELAY
- 2 INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- 5 NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- 5 INDICATES MULTIPLE CABLES
- (4) NUMBER IN PARENTHESIS INDICATES PHASE
- 8a 5' x 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 8c 6' x 10' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 8c 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 =	USER NAME = russellcf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL CABLE DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\pki\dot\russellcf\dms43738\d9-78253-ta-sht.dgn	PLOT SCALE = 3/8"=1'-0"	DRAWN -	REVISED -			331	SEC. NO. (IX-IN-1, TS-2)	WILLIAMSON	190	92	
PLOT DATE = 5/5/2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78053					
		DATE -	REVISED -			SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



NOTES

1. ALL LUMINAIRES ARE 250 WATTS.
2. ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 3/C NO 10 IS USED IN POLES OR LUMINAIRES.

LEGEND

- HH PROPOSED TRAFFIC SIGNAL HANDHOLE.
- 1a NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- PROPOSED GROUND AT LIGHT STANDARD.
- ⏏ CONTINUOUS GROUND FOR CONTROL INSTALLATION.

HANDHOLE DESIGNATIONS:

- NW NORTHWEST CORNER
- NWI NORHTWEST ISLAND
- WM WEST MEDIAN
- SW SOUTHWEST CORNER
- SI SOUTH ISLAND
- SE SOUTHEAST CORNER
- SEI SOUTHEAST ISLAND
- NI NORTH ISLAND
- NE NORTHEAST CORNER
- NEI NORTHEAST ISLAND

Rev.

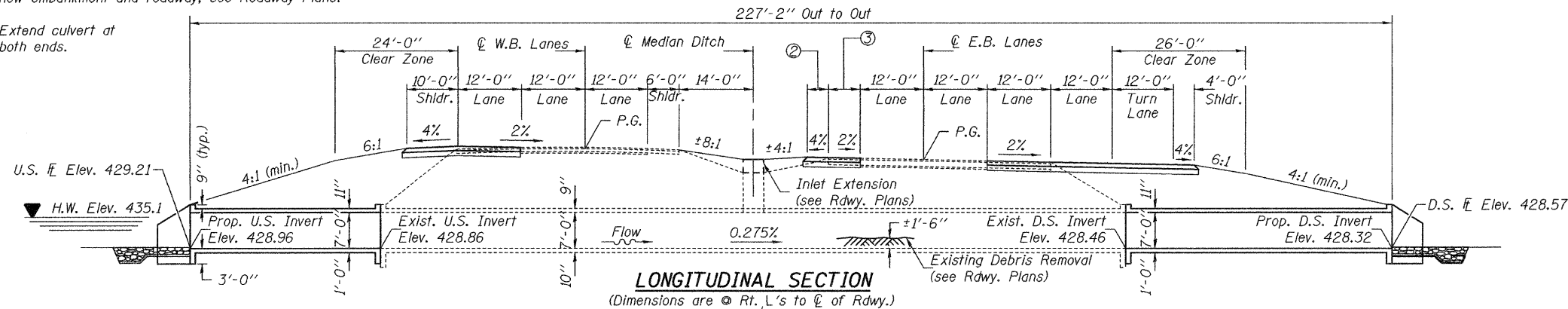
FILE NAME =	USER NAME = russellof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIRING DIAGRAM FOR ROADWAY LIGHTING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw_work\pwidot\russellof\dms43738\d9-78053-ts-sht.dgn	DRAWN -	REVISED -	331			SEC. NO. (IX-1)N-1, TS-2	WILLIAMSON	190	93	
PLOT SCALE = 30,0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78053							
PLOT DATE = 5/5/2009	DATE -	REVISED -	SHEET NO.			OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Bench Mark: Chiseled "□" in concrete foundation of a combination mast arm assembly, 24'-6" right of centerline of eastbound lane Station 763+28 Il. Rte. 13, Elev. 448.32.

Existing Structure: S.N. 100-2007 was constructed in 1959 under F.A. Rte. 14, Section 1X-1. The structure is a double cell rigid frame cast in place concrete culvert. The culvert is 145'-5 5/8" long in the direction of flow. Traffic maintained using staging as required for new embankment and roadway, see Roadway Plans.

Extend culvert at both ends.



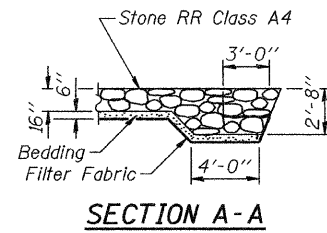
GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
Expansion bolts shall consist of approved expansion anchors, providing minimum certified proof load = 4,080 lbs. and 3/4" φ x 12" hooked bolts.
Exposed edges shall be chamfered 3/4".
Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.
Reinforcement bars designated (E) shall be epoxy coated.

STATION 770+52.47
RE-BUILT 20 BY
STATE OF ILLINOIS
F.A.P. ROUTE 331 - SECTION 1X-1
LOADING HS20
STRUCTURE NO. 100-2007

NAME PLATE
See Std. 515001

- INDEX OF SHEETS
1. General Plan and Elevation
 2. General Data
 3. WestBound Extension
 4. WestBound Details
 5. EastBound Extension
 6. EastBound Details
 7. Boring Logs



VARYING SHOULDER & TURN LANE WIDTHS

- 1 Median varies from 28'-0" at Sta. 770+05.85 to 6'-6" at Sta. 772+21.35
- 2 Shoulder varies from 6'-0" at Sta. 769+85.98 to 4'-0" at Sta. 770+05.85
- 3 Turn lane varies from 0'-0" at Sta. 769+85.98 to 17'-6" at Sta. 772+21.35

HORIZONTAL CURVE DATA

Centerline of Westbound Lanes
Δ = 23°01'54" (RT)
D = 1°00'00"
R = 5,729.65'
T = 1,167.36'
L = 2,303.19'
E = 117.71'
P.C. Sta. = 749+10.76
P.I. Sta. = 760+78.12
P.T. Sta. = 772+13.96
S.E. = 0.02 '/ft.

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
2002 AASHTO

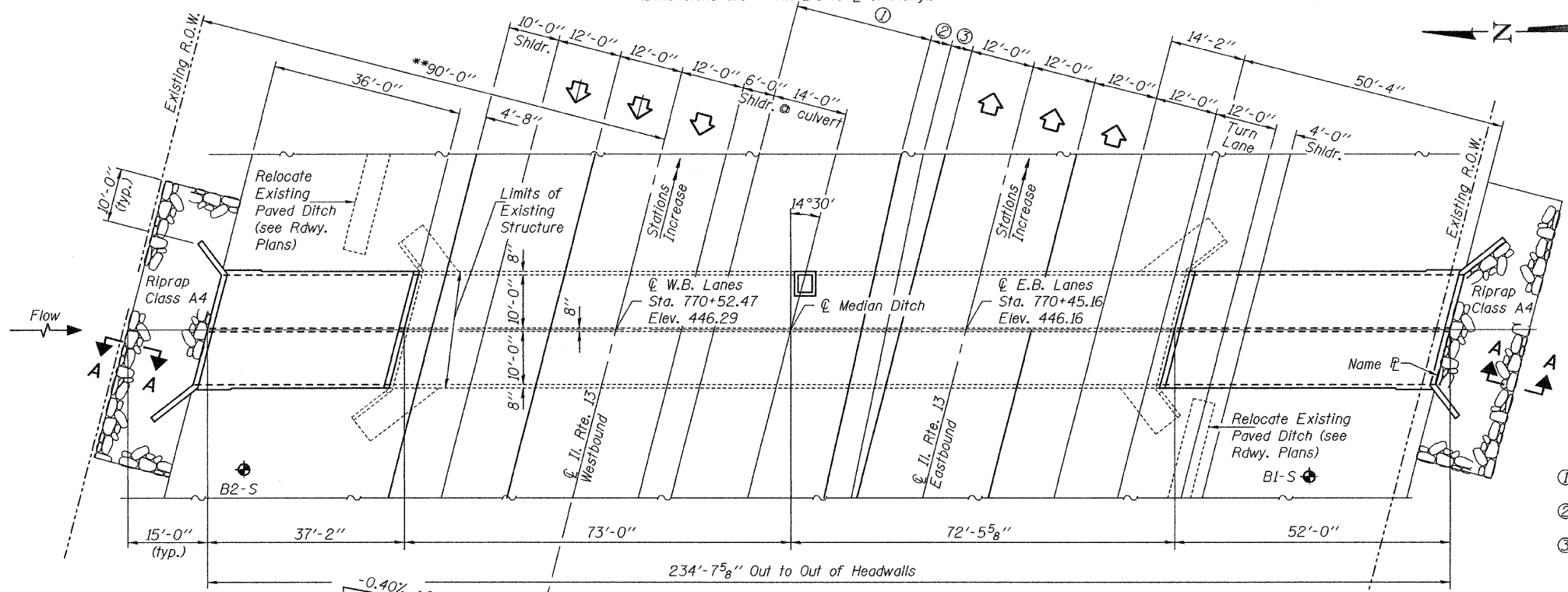
DESIGN STRESSES

FIELD UNITS
f_c = 3,500 psi
f_y = 60,000 psi (reinforcement)
EXISTING UNITS
f_c = 1,400 psi (barrel)
f_c = 1,000 psi (wings & footings)
f_s = 20,000 psi (reinforcement)
n = 10

HORIZONTAL CURVE DATA

Centerline of Eastbound Lanes
Δ = 23°01'54" (RT)
D = 1°00'41"
R = 5,665.65'
T = 1,154.32'
L = 2,277.47'
E = 116.39'
P.C. Sta. = 749+11.32
P.I. Sta. = 760+65.64
P.T. Sta. = 771+88.78
S.E. = 0.02 '/ft.

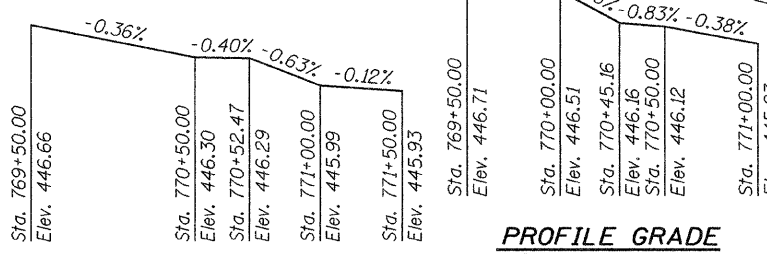
GENERAL PLAN AND ELEVATION
STRUCTURE NO. 100-2007



PLAN

Notes:
Precast culvert alternate is not allowed.
Stationing for Westbound and Eastbound roadways are independent.

**Additional R.O.W. will be obtained by district.

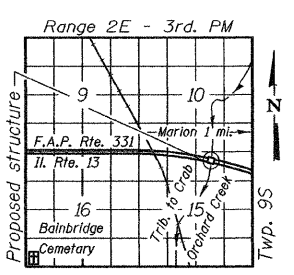


PROFILE GRADE
(C Westbound Lanes)

WATERWAY INFORMATION

Drainage Area = 1.35 sq. mi. Exist. Low Grade Elev. 445.96 @ Sta. 772+17.45
Prop. Low Grade Elev. 445.96 @ Sta. 772+17.45

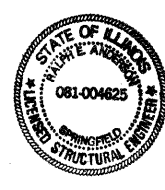
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Head - Ft.		Headwater El.		
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	
Design	50	1190	124.8	123.2	435.1	6.2	1.9	441.3	437.0
Base	100	1290	128.8	127.2	435.3	7.3	2.2	442.6	437.5
Max. Calc.	500	1620	134.8	133.2	435.6	10.4	4.0	446.0	439.6
Overtopping	-	-	-	-	-	-	-	-	-



LOCATION SKETCH

DESIGNED: Patrick M. Bohne
CHECKED: Jay D. Edwards
DRAWN: BECKY M. LEACH
CHECKED: pmp/JDE

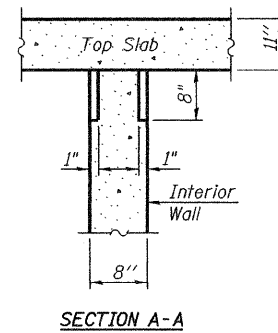
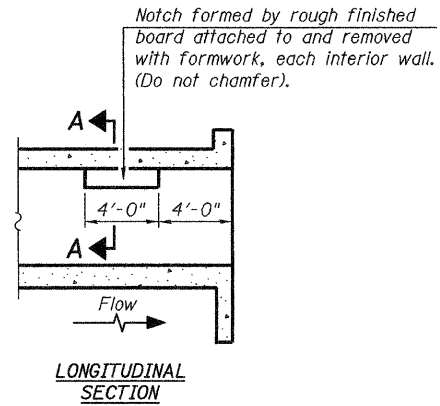
EXAMINED: June 10, 2009
PASSED: [Signature]
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES



EXPIRES 11-30-2010

SHEET NO. 1 7 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	331	1X-1	WILLIAMSON	1920	94
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 78053		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PHOEBE NESTING
SITE DETAILS
(Downstream End Only)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Box Culverts	Cu. Yd.	215.2
Reinforcement Bars, Epoxy Coated	Pound	33,190
Stone Riprap, Class A4	Sq. Yd.	202
Filter Fabric	Sq. Yd.	202
Name Plates	Each	1
Expansion Bolts $\frac{3}{4}$ " ϕ	Each	76

DESIGNED Patrick M. Petrone
CHECKED Jay D. Edwards
DRAWN BECKY M. LEACH
CHECKED PMP/JDE

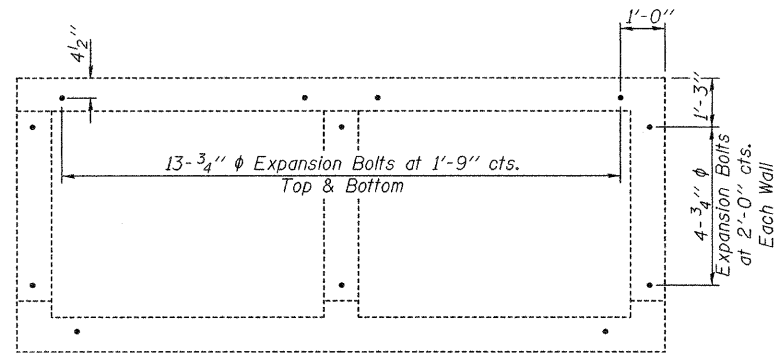
EXAMINED	JUNE 10, 2009	<i>Thomas J. Domagalaki</i>
PASSED		<i>Ralph E. Anderson</i>

GENERAL DATA
STRUCTURE NO. 100-2007

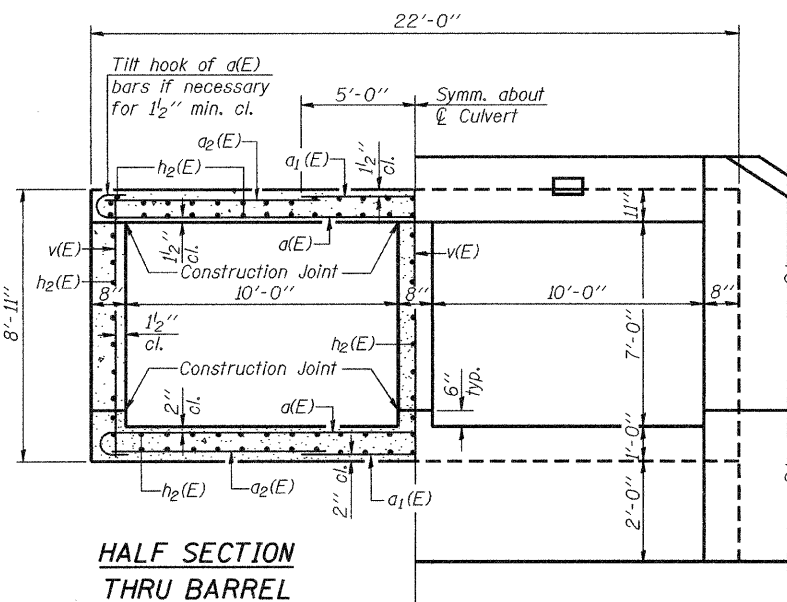
SHEET NO. 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	331	1X-1	WILLIAMSON	190	95
7 SHEETS	CONTRACT NO. 78053				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

Rev.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION VIEW
(Showing Expansion Bolts)
Expansion Bolts shall be 12" long.



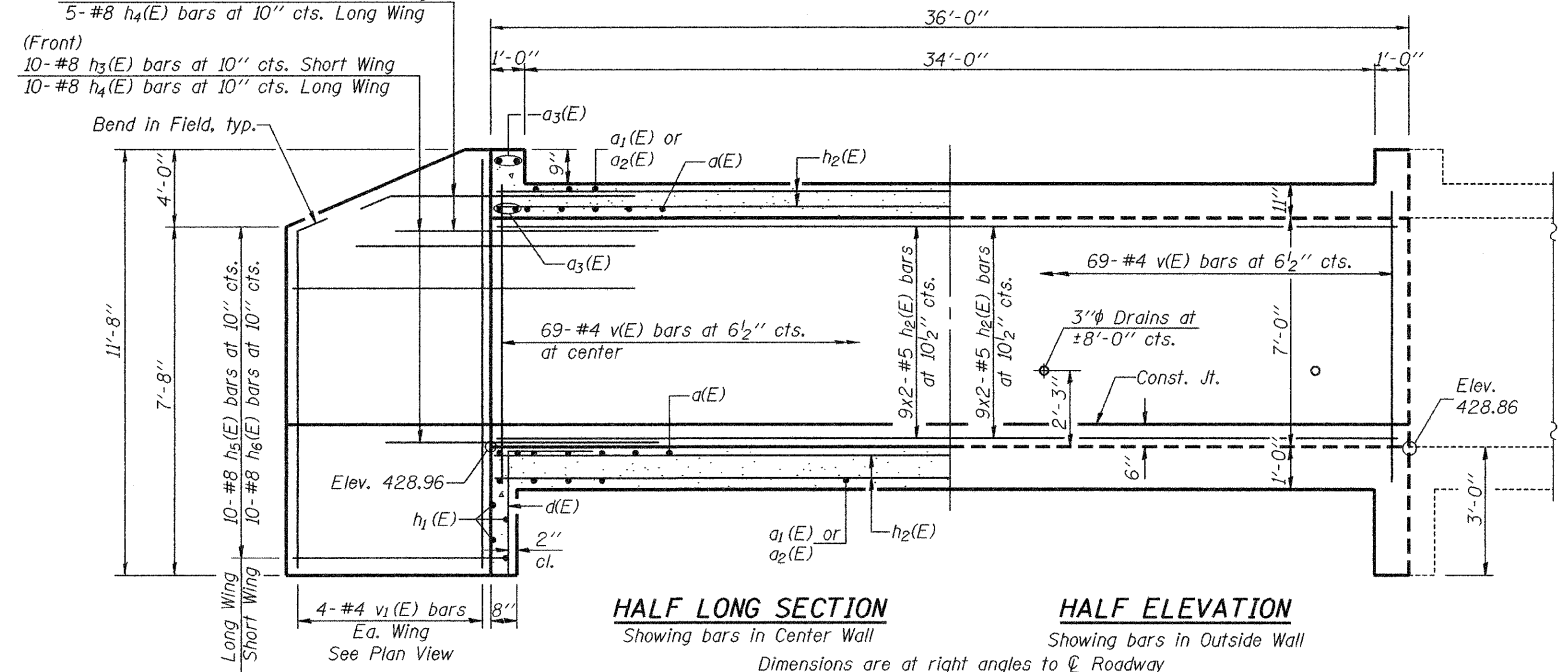
**HALF SECTION
THRU BARREL**

HALF END ELEVATION

Notes: 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.
Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.

(Back)
5-#8 h₃(E) bars at 10" cts. Short Wing
5-#8 h₄(E) bars at 10" cts. Long Wing
(Front)
10-#8 h₃(E) bars at 10" cts. Short Wing
10-#8 h₄(E) bars at 10" cts. Long Wing

Bend in Field, typ.



HALF LONG SECTION

Showing bars in Center Wall

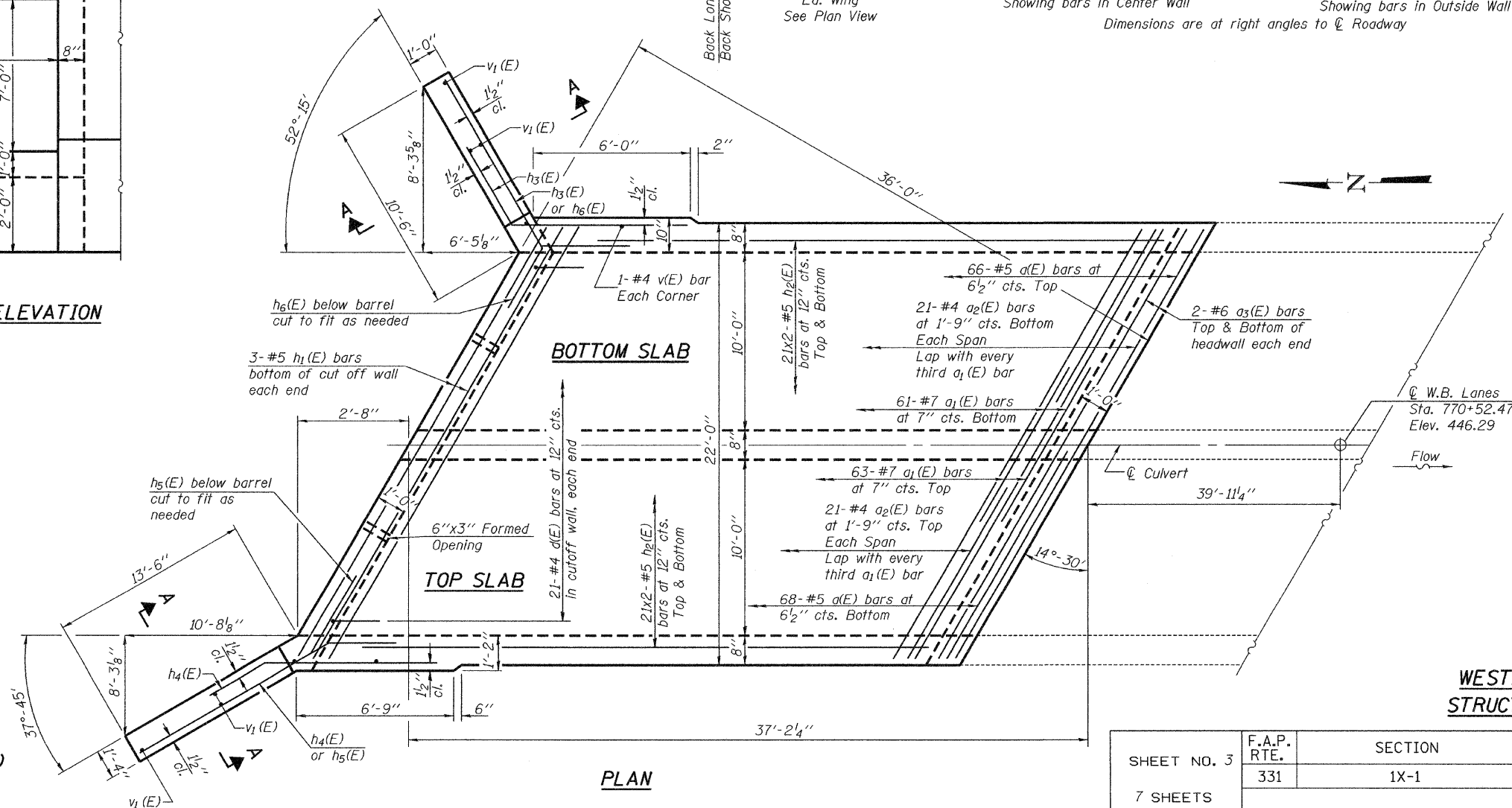
HALF ELEVATION

Showing bars in Outside Wall

Dimensions are at right angles to \bar{C} Roadway

MIN. BAR LAP

#4 bar = 1'-8"



BOTTOM SLAB

TOP SLAB

PLAN

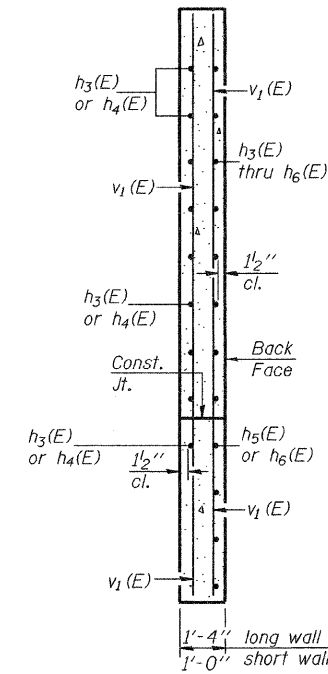
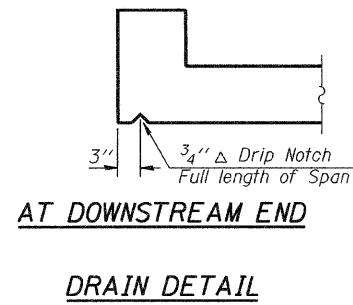
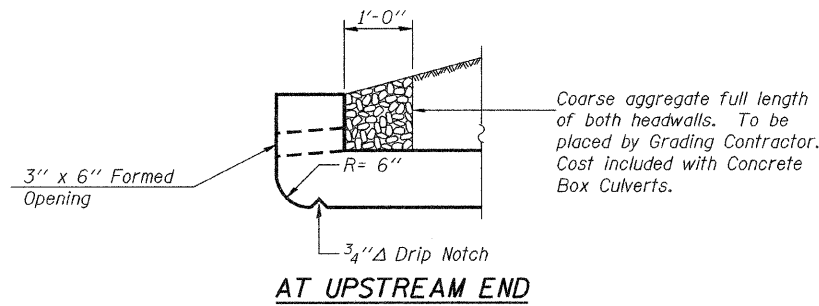
DESIGNED Patrick M. Petrone
CHECKED Jay D. Edwards
DRAWN BECKY M. LEACH
CHECKED PMP/JDE

JUNE 10, 2009
EXAMINED Thomas J. Domagala
PASSED Robert E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

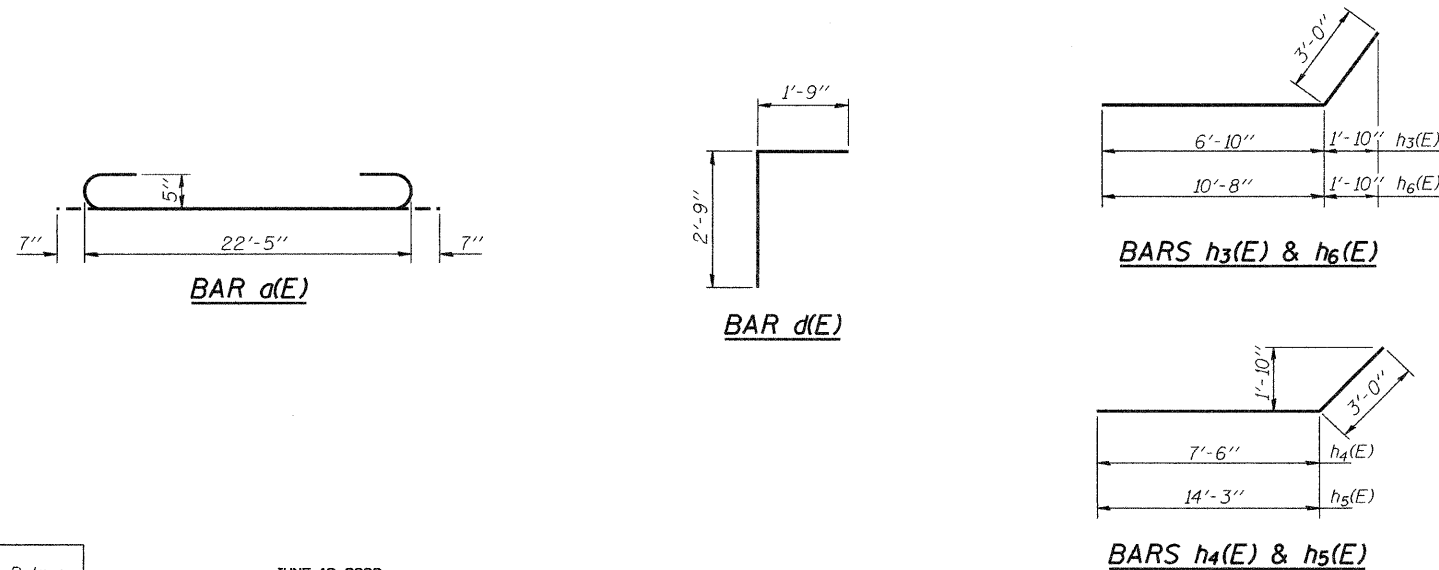
**WESTBOUND EXTENSION
STRUCTURE NO. 100-2007**

SHEET NO. 3 7 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	331	1X-1	WILLIAMSON	190	96
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 78053		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION A-A



BILL OF MATERIAL
W.B. EXTENSION

Bar	No.	Size	Length	Shape
a(E)	134	#5	23'-7"	U
a ₁ (E)	124	#7	10'-0"	—
a ₂ (E)	84	#4	7'-6"	—
a ₃ (E)	8	#6	22'-4"	—
d(E)	42	#4	4'-6"	L
h ₁ (E)	6	#5	22'-4"	—
h ₂ (E)	222	#5	19'-7"	—
h ₃ (E)	15	#8	9'-10"	—
h ₄ (E)	15	#8	10'-6"	—
h ₅ (E)	10	#8	17'-3"	—
h ₆ (E)	10	#8	13'-8"	—
v(E)	209	#4	8'-8"	—
v ₁ (E)	8	#4	11'-5"	—
Anchor Bolts 3/4" φ			Each	38
Concrete Box Culverts			Cu. Yd.	92.2
Reinforcement Bars, Epoxy Coated			Pound	14,220

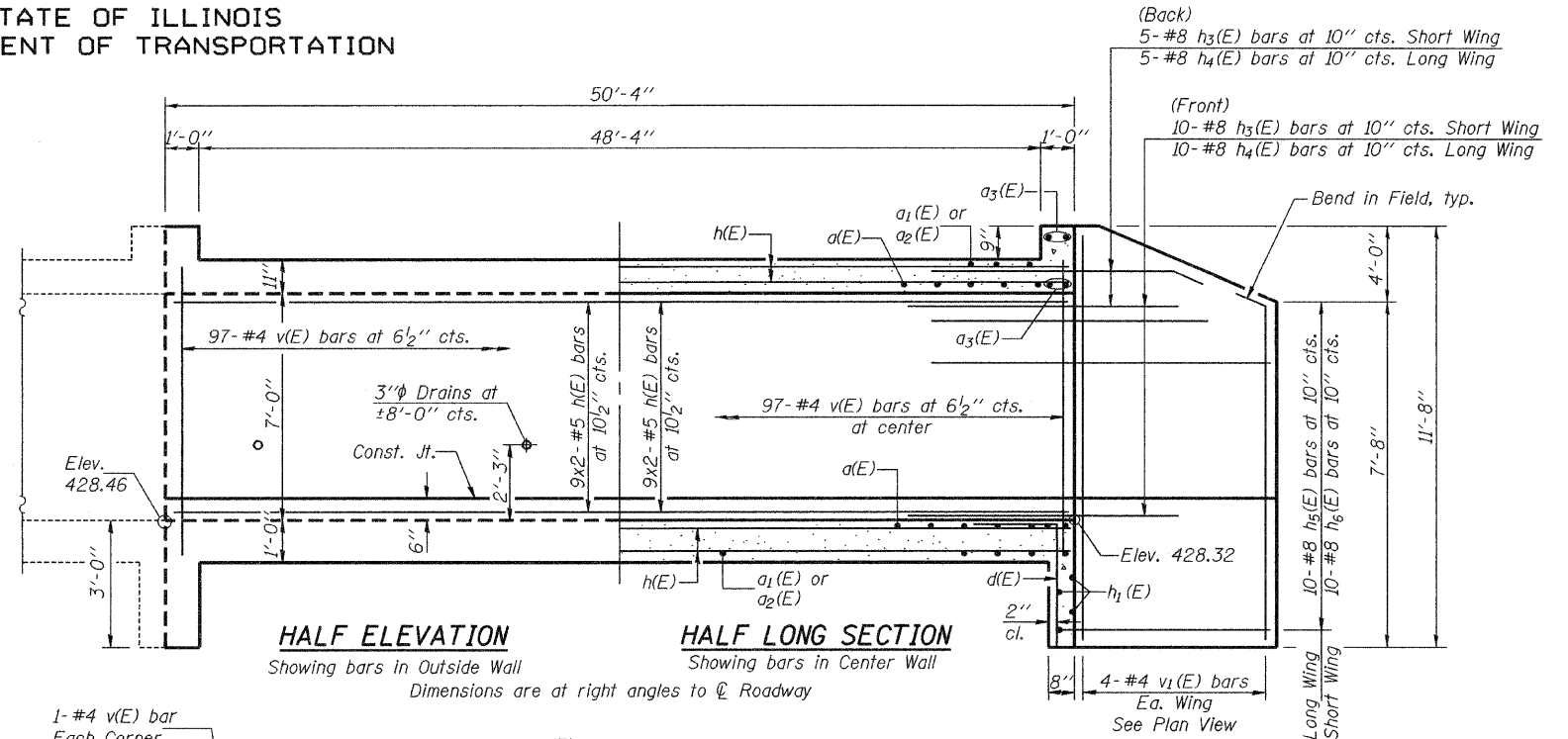
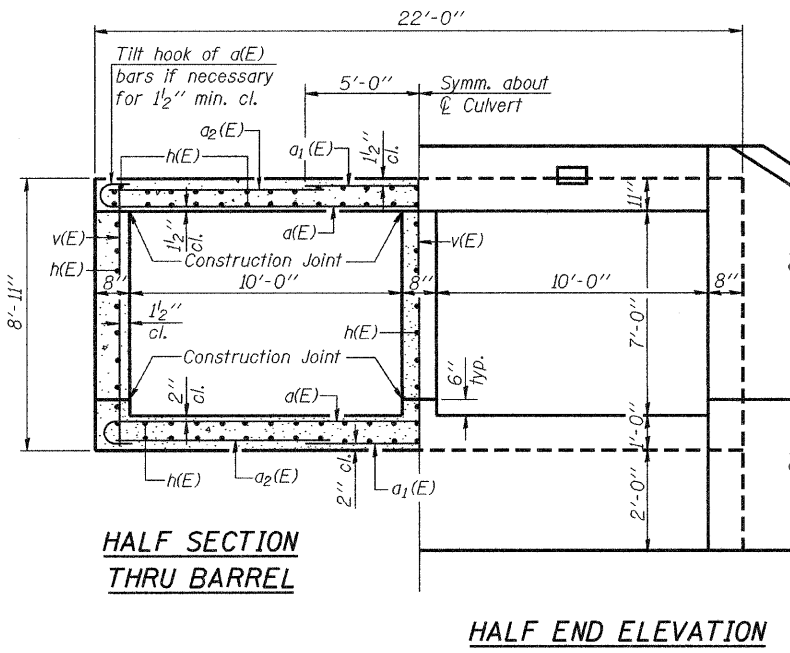
WESTBOUND EXTENSION DETAILS
STRUCTURE NO. 100-2007

DESIGNED	Patrick M. Petrone
CHECKED	Jay D. Edwards
DRAWN	BECKY M. LEACH
CHECKED	PMP/JDE

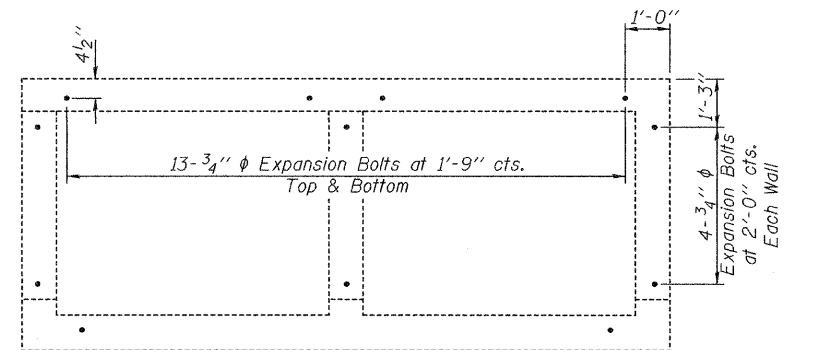
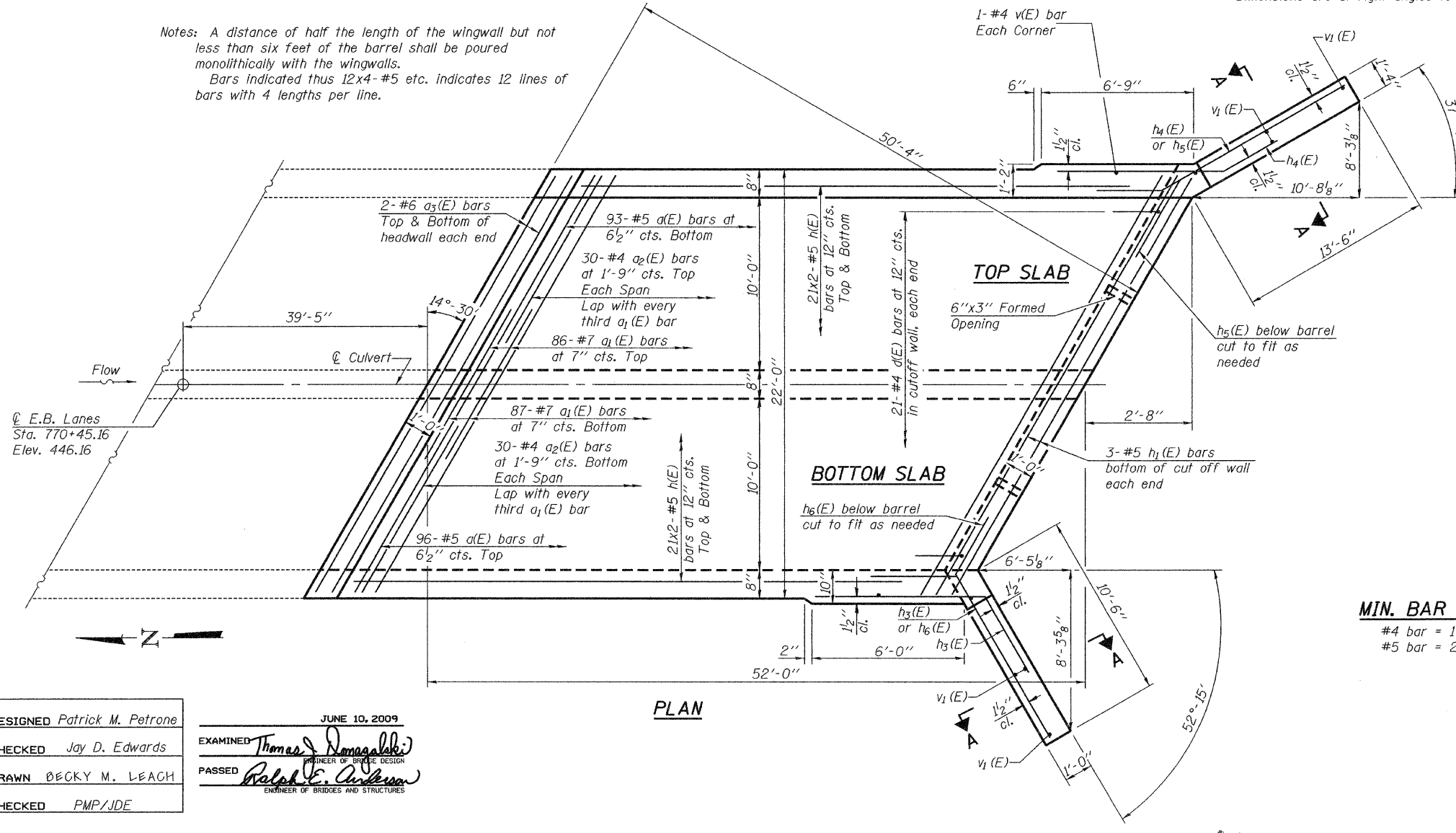
EXAMINED	Thomas J. Domagala	JUNE 10, 2009
PASSED	Ralph E. Anderson	

SHEET NO. 4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	331	1X-1	WILLIAMSON	190	97
7 SHEETS	CONTRACT NO. 78053				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Notes: 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.
Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



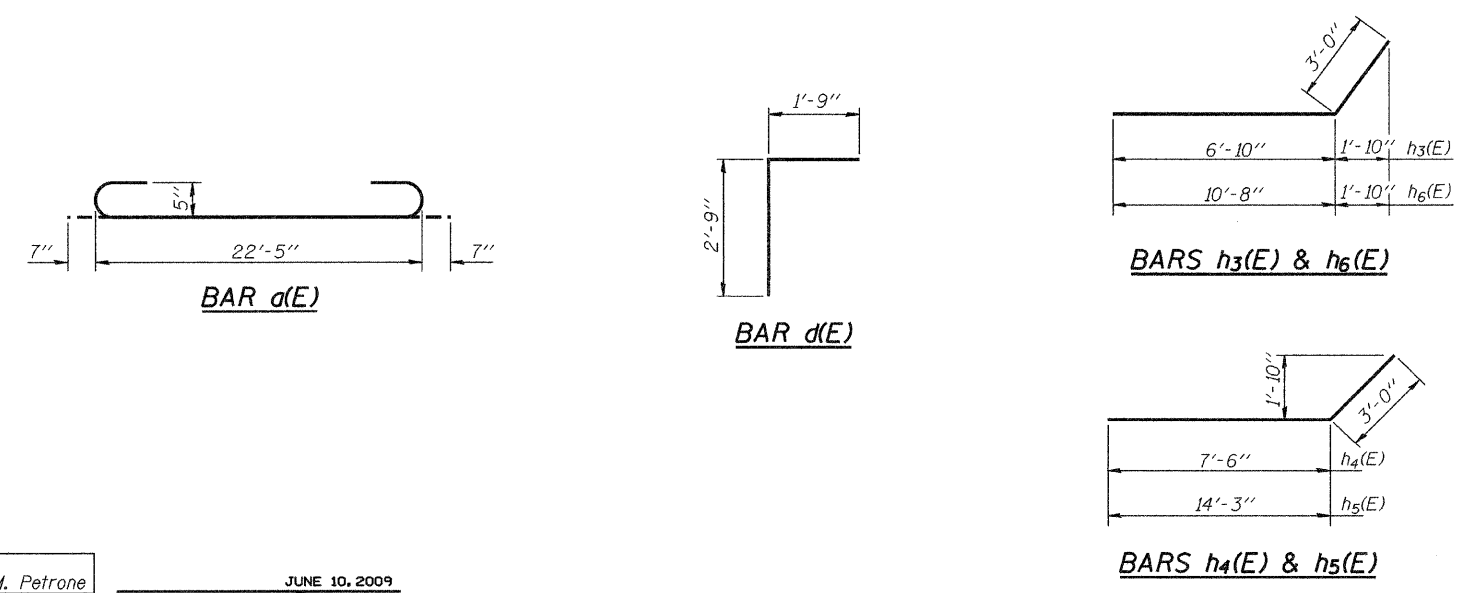
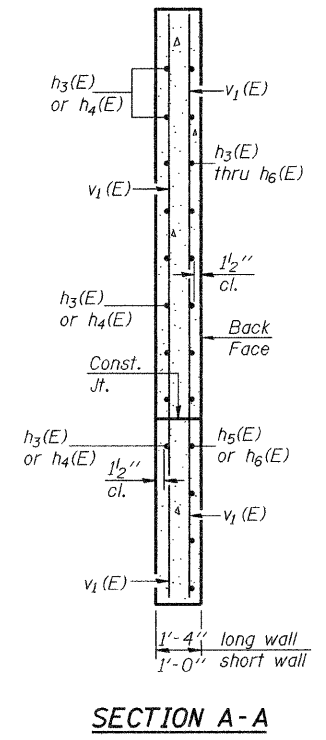
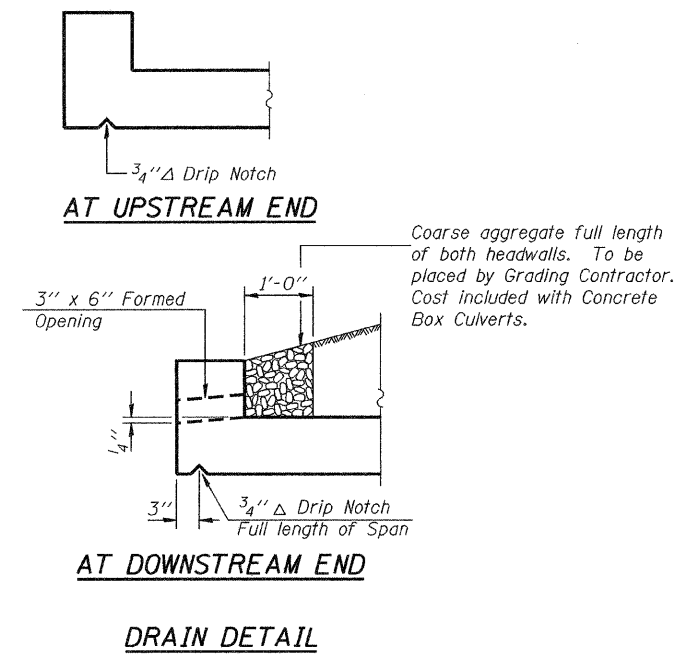
MIN. BAR LAPS
#4 bar = 1'-8"
#5 bar = 2'-2"

DESIGNED Patrick M. Petrone	JUNE 10, 2009
CHECKED Jay D. Edwards	EXAMINED Thomas J. Domagala
DRAWN BECKY M. LEACH	PASSED Robert E. Anderson
CHECKED PMP/JDE	

**EASTBOUND EXTENSION
STRUCTURE NO. 100-2007**

SHEET NO. 5 7 SHEETS	F.A.P. RTE. 331	SECTION 1X-1	COUNTY WILLIAMSON	TOTAL SHEETS 190	SHEET NO. 98
	CONTRACT NO. 78053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



**BILL OF MATERIAL
E.B. EXTENSION**

Bar	No.	Size	Length	Shape
a(E)	189	#5	23'-7"	
a1(E)	173	#7	10'-0"	
a2(E)	120	#4	7'-6"	
a3(E)	8	#6	22'-4"	
d(E)	42	#4	4'-6"	
h(E)	222	#5	27'-0"	
h1(E)	6	#5	22'-4"	
h3(E)	15	#8	9'-10"	
h4(E)	15	#8	10'-6"	
h5(E)	10	#8	17'-3"	
h6(E)	10	#8	13'-8"	
v(E)	293	#4	8'-8"	
v1(E)	8	#4	11'-5"	
Anchor Bolts $\frac{3}{4}'' \phi$		Each	38	
Concrete Box Culverts		Cu. Yd.	123.0	
Reinforcement Bars, Epoxy Coated		Pound	18,970	

**EASTBOUND EXTENSION DETAILS
STRUCTURE NO. 100-2007**

DESIGNED Patrick M. Petrone
CHECKED Jay D. Edwards
DRAWN BECKY M. LEACH
CHECKED PMP/JDE

JUNE 10, 2009
EXAMINED *Thomas J. Domagala*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. 6 7 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		1X-1	WILLIAMSON	190	99
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 78053					

Rev.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG Page 1 of 2
Date 4/9/04

ROUTE IL 13 over Stream DESCRIPTION IL 13 over Stream LOGGED BY Bryan Keller

SECTION 1X-1 LOCATION 0.8 miles W of Marion, SEC. 15, TWP. 9S, RNG. 2E, 3 PM

COUNTY Williamson DRILLING METHOD HAMMER TYPE

STRUCT. NO. 100-2007
Station 770+52.47

BORING NO. 1-S
Station 770+33
Offset 62 ft. 11.149 CL
Ground Surface Elev. 434.3 ft (ft) (6") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DETERMINED	UNDETERMINED	MOISTURE (%)	SHRINKAGE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	QUICKSAND	TESTS
0	Surface Water Elev. _____ ft									
0	Stream Bed Elev. _____ ft									
0	Groundwater Elev.: _____ ft									
0	First Encounter _____ ft									
0	Upon Completion _____ ft									
0	After 75 Hrs. _____ ft									
0	Ground Surface Elev. _____ ft									
0	Very stiff, moist, grey, Clay to Silty Clay A7-6 (continued)	2	0.9	17						
0	412.3									
1	Stiff, very moist, grey, Clay to Silty Clay A7-6 with Pea Gravel	1	1.1	17						
2		0.3	24							
3										
429.8										
4	Medium, moist, brown, Silty Clay A-6	4	0.9	20						
4										
4										
427.3										
1	Stiff, moist to very moist, brown mottled grey, Clay to Silty Clay A7-6	1	1.2	21						
2		1.2	21							
3										
424.8										
1	Medium, very moist, brown, Silty Clay Loam A-6 with a Sand Layer	1	0.7	19						
4		0.7	19							
3										
422.3										
2	Soft, very moist, brown, Silty Clay Loam A-6	2	0.4	23						
1										
419.8										
1	Stiff, very moist, brown, Silty Clay A7-6 with Gravel	1	1.1	17						
4										
5										
417.3										
1	Medium, very moist, grey, Clay to Silty Clay A7-6	1	0.9	16						
3										
4										
20										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG Page 2 of 2
Date 4/9/04

ROUTE IL 13 over Stream DESCRIPTION IL 13 over Stream LOGGED BY Bryan Keller

SECTION 1X-1 LOCATION 0.8 miles W of Marion, SEC. 15, TWP. 9S, RNG. 2E, 3 PM

COUNTY Williamson DRILLING METHOD HAMMER TYPE

STRUCT. NO. 100-2007
Station 770+52.47

BORING NO. 1-S
Station 770+33
Offset 62 ft. 11.149 CL
Ground Surface Elev. 434.3 ft (ft) (6") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DETERMINED	UNDETERMINED	MOISTURE (%)	SHRINKAGE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	QUICKSAND	TESTS
0	Surface Water Elev. _____ ft									
0	Stream Bed Elev. _____ ft									
0	Groundwater Elev.: _____ ft									
0	First Encounter _____ ft									
0	Upon Completion _____ ft									
0	After 75 Hrs. _____ ft									
0	Ground Surface Elev. _____ ft									
0	Very stiff, moist, grey, Clay loam A-6 (continued)	8	3.0	12						
15										
371.8										
389.8										
2	Stiff, moist, grey, Clay Loam A-6	2	1.3	14						
8		1.3	14							
7										
384.8										
1	Medium, wet, brown, medium, Sand, with Clay Loam Layers	1	0.7	22						
4		0.7	22							
8										
381.8										
100%	Hard, dry, grey, Clay Shale									
100%										
100%										
80										

Hard, dry, grey, Clay Shale (continued)

Bottom of hole = 371.8

Free water observed at 429.8

To convert "N" values to "N60" values, multiply by 1.25

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG Page 1 of 2
Date 4/9/04

ROUTE IL 13 over Stream DESCRIPTION IL 13 over Stream LOGGED BY Bryan Keller

SECTION 1X-1 LOCATION 0.8 miles W of Marion, SEC. 15, TWP. 9S, RNG. 2E, 3 PM

COUNTY Williamson DRILLING METHOD HAMMER TYPE

STRUCT. NO. 100-2007
Station 770+52.47

BORING NO. 2-S
Station 770+26
Offset 63 ft. 11.149 CL
Ground Surface Elev. 434.19 ft (ft) (6") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DETERMINED	UNDETERMINED	MOISTURE (%)	SHRINKAGE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	QUICKSAND	TESTS
0	Surface Water Elev. _____ ft									
0	Stream Bed Elev. _____ ft									
0	Groundwater Elev.: _____ ft									
0	First Encounter _____ ft									
0	Upon Completion _____ ft									
0	After _____ Hrs. _____ ft									
0	Ground Surface Elev. _____ ft									
0	Very stiff, moist, grey, Silty Clay A7-6 (continued)	2	2.1	16						
4										
412.2										
1	Very stiff, moist, grey, Silty Clay A-6	1	2.3	17						
2		0.7	21							
2										
429.7										
1	Stiff, moist, brown mottled grey, Silty Clay Loam A-6	1	1.2	21						
3										
3										
409.7										
1	Very stiff, moist, grey, Silty Clay A7-6 (continued)	1	2.1	16						
2										
4										
424.7										
1	Medium, very moist, brown mottled grey, Silty Clay Loam A-6	1	0.7	22						
2		0.7	22							
2										
422.2										
1	Soft, very moist, brown, Silty Clay Loam A-6	1	0.3	19						
3		0.3	19							
2										
419.7										
1	Stiff, very moist, grey, Clay A7-6	1	1.2	29						
2										
2										
399.7										
1	Stiff, very moist, grey, Silty Clay A-6 with Pea Gravel	1	1.2	17						
2										
3										
397.2										
1	Stiff, very moist, grey, Silty Clay A-6 with Coal Chips	1	1.8	22						
3										
3										
416.7										
20										

Very stiff, moist, grey, Silty Clay A7-6 (continued)

Bottom of hole = 384.2

Free water observed at 424.7

To convert "N" values to "N60" values, multiply by 1.25

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG Page 2 of 2
Date 4/9/04

ROUTE IL 13 over Stream DESCRIPTION IL 13 over Stream LOGGED BY Bryan Keller

SECTION 1X-1 LOCATION 0.8 miles W of Marion, SEC. 15, TWP. 9S, RNG. 2E, 3 PM

COUNTY Williamson DRILLING METHOD HAMMER TYPE

STRUCT. NO. 100-2007
Station 770+52.47

BORING NO. 2-S
Station 770+26
Offset 63 ft. 11.149 CL
Ground Surface Elev. 434.19 ft (ft) (6") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DETERMINED	UNDETERMINED	MOISTURE (%)	SHRINKAGE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	QUICKSAND	TESTS
0	Surface Water Elev. _____ ft									
0	Stream Bed Elev. _____ ft									
0	Groundwater Elev.: _____ ft									
0	First Encounter _____ ft									
0	Upon Completion _____ ft									
0	After _____ Hrs. _____ ft									
0	Ground Surface Elev. _____ ft									
0	Very stiff, moist, grey, Clay A7-6 with Coal Chips (continued)	7	2.1	28						
8										
389.7										
1	Stiff, very moist, grey, Silty Clay A7-6	1	1.4	21						
5										
5										
384.7										
100%	Hard, dry, grey, Clay Shale									
100%										
100%										
80										

Very stiff, moist, grey, Clay A7-6 with Coal Chips (continued)

Bottom of hole = 384.2

Free water observed at 424.7

To convert "N" values to "N60" values, multiply by 1.25

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SOIL BORING LOGS
STRUCTURE NO. 100-2007

SHEET NO. 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	331	1X-1	WILLIAMSON	190	100
7 SHEETS	CONTRACT NO. 78053				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Rev.