

INDEX OF SHEETS  
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN:  
VILLAGE OF FRANKFORT  
AND FRANKFORT TOWNSHIP  
OF WILL COUNTY, ILLINOIS

DESIGN DESIGNATION  
2,100(16) PRINCIPAL ARTERIAL 4.27 (PCC-30)

TRAFFIC DATA

	ADT (2000)	DESIGN SPEED	POSTED SPEED
U.S. ROUTE 30	15,000	50 MPH	45 MPH
PFEIFFER ROAD	4,000	35 MPH	35 MPH
80TH AVENUE (NORTH)	4,800	25 MPH	25 MPH
80TH AVENUE (SOUTH)	1,200	20 MPH	20 MPH
FRANKFORT SQUARE	4,000	30 MPH	30 MPH
HUNTERWOODS DRIVE	1,000	25 MPH	25 MPH
HARLEM AVENUE (SOUTH LEG)	19,800	45 MPH	45 MPH
HARLEM AVENUE (NORTH LEG)	13,000	45 MPH	55 MPH

DESCRIPTION OF PROJECT

THIS IMPROVEMENT CONSISTS OF EARTH EXCAVATION, RECONSTRUCTION AND WIDENING OF ROADWAYS, CONSTRUCTION OF STORM SEWERS AND DRAINAGE STRUCTURES, BOX CULVERT CONSTRUCTION, MODERNIZATION OF TRAFFIC SIGNALS, AND WIDENING OF US ROUTE BRIDGE OVER HICKORY CREEK (SN 099-0311).

PERMITTING

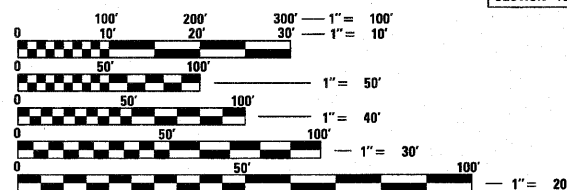
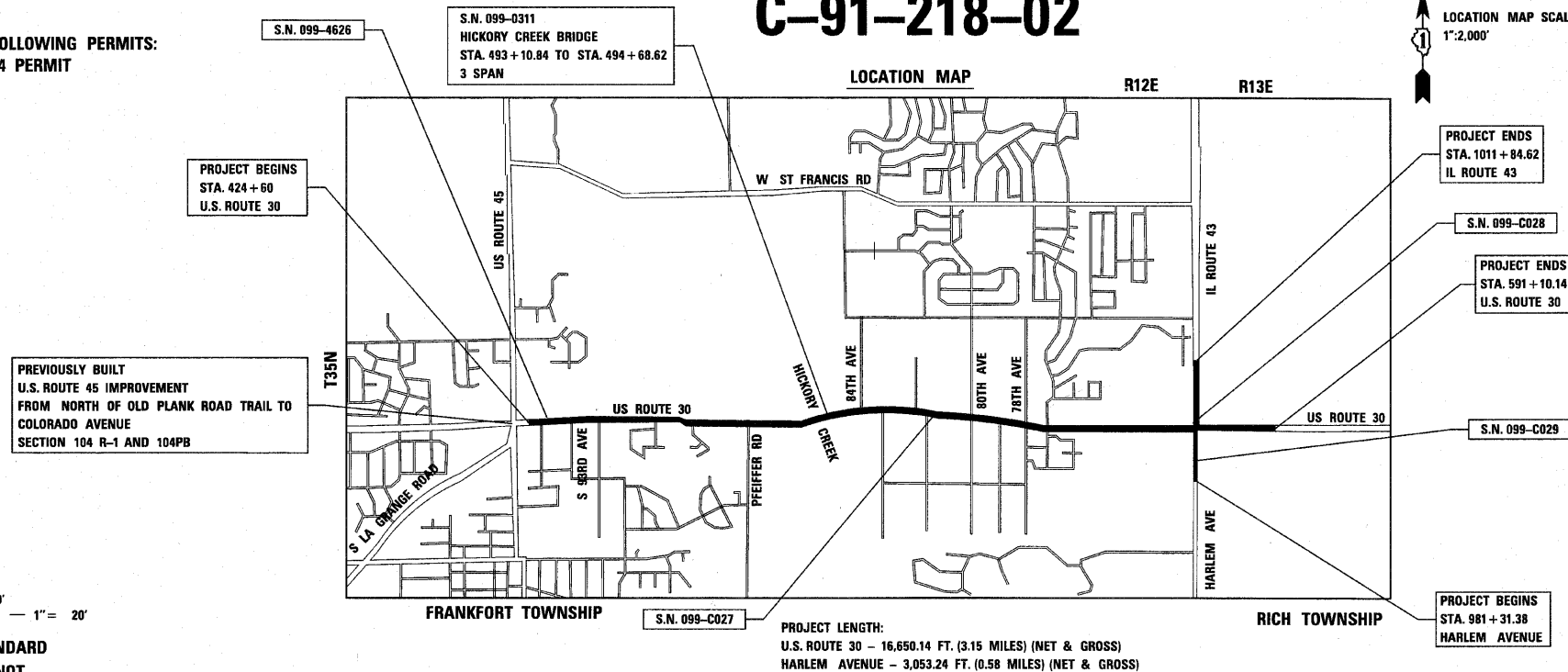
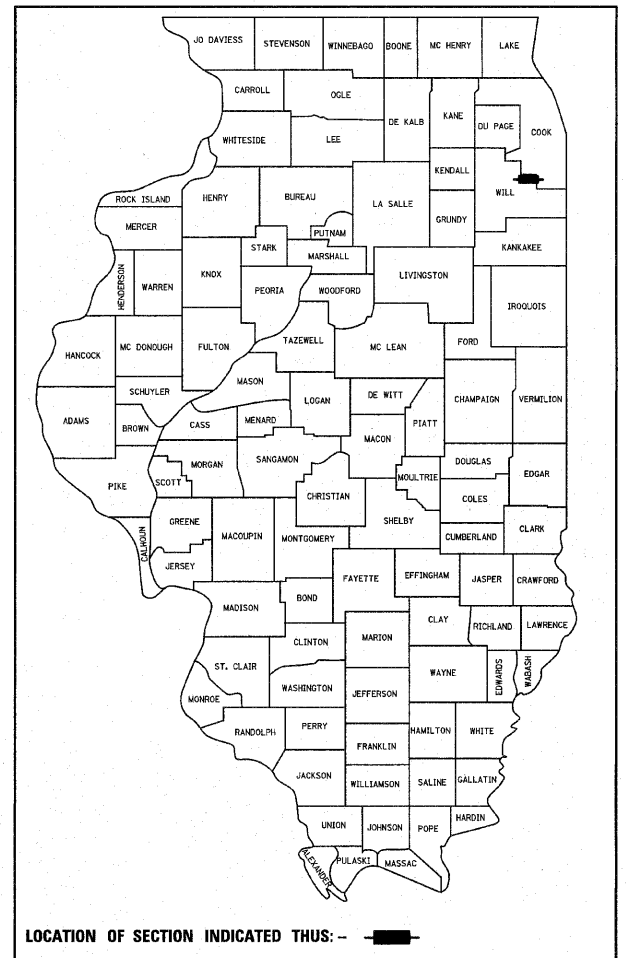
ALL WORK SHALL BE IN COMPLIANCE WITH THE FOLLOWING PERMITS:  
US ARMY CORPS OF ENGINEERS - SECTION 404 PERMIT  
IDNR-OWR - FLOODWAY PERMIT  
IEPA - NPDES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED HIGHWAY**  
**F.A.P. ROUTE 353 - U.S. ROUTE 30 (LINCOLN HIGHWAY)**  
**SECTION: (12 & 13) WRS-4**  
**U.S. ROUTE 45 (96TH AVENUE) TO**  
**ILLINOIS ROUTE 43 (HARLEM AVENUE)**  
**ROADWAY RECONSTRUCTION AND**  
**TRAFFIC SIGNAL MODERNIZATION AND INSTALLATION**  
**PROJECT NO.: ACNHF-0353(019)**  
**WILL COUNTY**  
**C-91-218-02**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	1

CONTRACT NO. 62478 \*L08+1709

D-91-218-02



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.

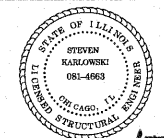
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123 OR 811

SIGNED: *[Signature]*  
DATE: 6/10/2010  
EXPIRES: 11-30-2011  
FOR DRAWINGS 1-216, 230-363, 494-608

SIGNED: *[Signature]*  
DATE: 6/10/2010  
EXPIRES: 11-30-2011  
FOR DRAWINGS 408-439, 493

SIGNED: *[Signature]*  
DATE: 6/9/10  
EXPIRES: 11-30-2011  
FOR DRAWINGS 364-406

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED: JUNE 10, 2010  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER  
December 10, 2010  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT  
December 10, 2010  
*[Signature]*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



SIGNED: *[Signature]*  
DATE: 6/10/2010  
EXPIRES: 11-30-2010  
FOR DRAWINGS 440-492



450 E. Devon Ave., Suite 300 - Itasca, Illinois 60143  
Tel: 630.773.3900 - Fax: 630.773.3975  
www.civiltechinc.com

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IDOT DISTRICT ONE DESIGN CONSULTANT SERVICES MANAGER: RAJENDRA SHAH (847) 705-4555

CONTRACT NO. 62478

INDEX OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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501	INTENTIONALLY LEFT BLANK
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509	TC-16, DIST. 1: PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
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514-515	COOK COUNTY HIGHWAY DEPARTMENT: PERMANENT PAVEMENT MARKING STANDARDS
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**U.S. ROUTE 30  
INDEX OF SHEETS**

SCALE: VERT.  
HORIZ.  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	INTERCONNECT
SUMMARY OF QUANTITIES																			
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,241	1,241															
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	152	152															
20101000	TEMPORARY FENCE	FOOT	4,526	4,526															
20101100	TREE TRUNK PROTECTION	EACH	185	185															
20101200	TREE ROOT PRUNING	EACH	185	185															
20200100	EARTH EXCAVATION	CU YD	88,669	88,669															
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	51,577	49,540						2,037									
20300100	CHANNEL EXCAVATION	CU YD	1,179	1,179															
20400800	FURNISHED EXCAVATION	CU YD	45,511	45,511															
20800150	TRENCH BACKFILL	CU YD	7,461	7,461															
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	19,396	19,396															
● 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	61,373	61,373															
● 21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	68,284	68,284															
● 21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	15,705	15,705															
● 21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	53,358	53,358															
● 25000210	SEEDING, CLASS 2A	ACRE	19.50	19.50															
● 25000310	SEEDING, CLASS 4	ACRE	10.25	10.25															
● 25000322	SEEDING, CLASS 5A	ACRE	0.75	0.75															
● 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3,245	3,245															
● 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3,245	3,245															
● 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,245	3,245															
● 25000775	SELECTIVE MOWING STAKES	EACH	373	373															
25100115	MULCH, METHOD 2	ACRE	6.00	6.00															
25100630	EROSION CONTROL BLANKET	SQ YD	613,157	613,157															
● 25200110	SODDING, SALT TOLERANT	SQ YD	30,211	30,211															
● 25200200	SUPPLEMENTAL WATERING	UNIT	4,610	4,610															
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	13,278	13,278															
28000305	TEMPORARY DITCH CHECKS	FOOT	3,864	3,864															
28000400	PERIMETER EROSION BARRIER	FOOT	18,020	18,020															
28000510	INLET FILTERS	EACH	382	382															

● INDICATES SPECIALTY ITEMS

LEGEND

VOF = VILLAGE OF FRANKFORT  
 FPDWC = FOREST PRESERVE DISTRICT OF WILL COUNTY  
 FT = FRANKFORT TOWNSHIP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 6/11/2010

DRAWN BY JRR  
 CHECKED BY JRV



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	5
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE	
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
SUMMARY OF QUANTITIES																			
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021
28100105	STONE RIPRAP, CLASS A3	SQ YD	261	261															
28100107	STONE RIPRAP, CLASS A4	SQ YD	1,061						751	310									
28200200	FILTER FABRIC	SQ YD	1,061						751	310									
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	22,262	13,266	3,627 <sup>1</sup>	5,369 <sup>2</sup>													
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	141,757	141,757															
2	35101598	AGGREGATE BASE COURSE, TYPE B 3"	SQ YD	4,218			2,668	1,300					250						
2	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	564	564														
2	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	415	415														
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	3,413	3,413														
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	7,660	7,660														
	35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	565	565														
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	7,211	7,211														
	40600300	AGGREGATE (PRIME COAT)	TON	20	20														
	40600895	CONSTRUCTING TEST STRIP	EACH	4	4														
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	58	58														
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	868	868														
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2,716	1,204	610	902												
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	229	229														
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	309	309														
	40701861	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	SQ YD	7,882	7,819								63						
	40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	1,822	1,822														
	42000416	PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)	SQ YD	135,293	135,293														
	42001300	PROTECTIVE COAT	SQ YD	171,392	167,424			2,668	1,300										
	42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	1,206	1,206														
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	564	564														
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1,072	1,072														
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	37,954			24,005	11,700					2,249						
	42400800	DETECTABLE WARNINGS	SQ FT	392		120	20	60	192										
	44000100	PAVEMENT REMOVAL	SQ YD	131,599	131,536								63						
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,066	1,066														

- INDICATES SPECIALTY ITEMS
- 1 100% WILL COUNTY FOREST PRESERVE COST
- 2 100% VILLAGE OF FRANKFORT COST 0003

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 6/11/2010

DRAWN BY JRR  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	6

STA.	TO STA.
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT

URBAN

SUMMARY OF QUANTITIES		FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
		LOCATION OF WORK			STA. 500+85- STA. 539+79															
CODE NO.	PAY ITEM	UNIT	TOTAL	ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	16,059	16,059																
44000300	CURB REMOVAL	FOOT	1,097	1,097																
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	24,379	24,379																
44000600	SIDEWALK REMOVAL	SQ FT	13,428	11,179										2,249						
44003100	MEDIAN REMOVAL	SQ FT	12,059	12,059																
44004250	PAVED SHOULDER REMOVAL	SQ YD	7,742	7,742																
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	13	13																
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	824	824																
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	571	571																
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	843	843																
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	1,068	1,068																
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,580	1,580																
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	205	205																
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	36	36																
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1							1										
50102400	CONCRETE REMOVAL	CU YD	127.3						76.0	51.3										
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4																
50105220	PIPE CULVERT REMOVAL	FOOT	508							508										
50200100	STRUCTURE EXCAVATION	CU YD	217						217											
50300100	FLOOR DRAINS	EACH	21						21											
50300225	CONCRETE STRUCTURES	CU YD	221.8						221.8											
50300255	CONCRETE SUPERSTRUCTURES	CU YD	324.6						324.6											
50300260	BRIDGE DECK GROOVING	SQ YD	447						447											
50300280	CONCRETE ENCASEMENT	CU YD	16.8						16.8											
50300300	PROTECTIVE COAT	SQ YD	1,125						1,125											
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1						1											
50500505	STUD SHEAR CONNECTORS	EACH	4,428						4,428											
50800105	REINFORCEMENT BARS	POUND	16,140							16,140										
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	84,740						83,710	1,030										
50800515	BAR SPLICERS	EACH	122						122											
50901720	BICYCLE RAILING	FOOT	175						175											

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE 6/11/2010

DRAWN BY JRR CHECKED BY JRJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	7
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	INTERCONNECT
SUMMARY OF QUANTITIES																			
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021
50901750	PARAPET RAILING	FOOT	216						216										
51201610	FURNISHING STEEL PILES HP12X63	FOOT	910						910										
51201700	FURNISHING STEEL PILES HP12X74	FOOT	665						665										
51202305	DRIVING PILES	FOOT	1575						1575										
51203610	TEST PILE STEEL HP12X63	EACH	2						2										
51203700	TEST PILE STEEL HP12X74	EACH	1						1										
51204650	PILE SHOES	EACH	48						48										
51500100	NAME PLATES	EACH	2						1	1									
52000110	PREFORMED JOINT STRIP SEAL	FOOT	224						224										
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	9						9										
52100520	ANCHOR BOLTS, 1"	EACH	72						72										
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1							1									
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2							2									
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	3							3									
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	2							2									
54002020	EXPANSION BOLTS 3/4 INCH	EACH	33							33									
54003000	CONCRETE BOX CULVERTS	CU YD	58.4							58.4									
54010302	PRECAST CONCRETE BOX CULVERTS 3' X 2'	FOOT	275							275									
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	1,145							1,145									
54010704	PRECAST CONCRETE BOX CULVERTS 7' X 4'	FOOT	2,102							2,102									
54010903	PRECAST CONCRETE BOX CULVERTS 9' X 3'	FOOT	118							118									
54010905	PRECAST CONCRETE BOX CULVERTS 9' X 5'	FOOT	519							519									
54011005	PRECAST CONCRETE BOX CULVERTS 10' X 5'	FOOT	620							620									
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	19							19									
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	8							8									
542D5503	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND - SIZE 48"	FOOT	52	52															
5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	46	46															
5421A030	PIPE CULVERTS, CLASS A, TYPE 1 30" (TEMPORARY)	FOOT	42	42															
5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	FOOT	190	190															
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	90	90															
5421D018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)	FOOT	90	90															

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT.      DRAWN BY JRR  
 HORIZ.              CHECKED BY JRV  
 DATE 6/11/2010

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	8
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

URBAN

SUMMARY OF QUANTITIES		FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
LOCATION OF WORK					STA. 500+85- STA. 539+79										US ROUTE 45	PFEIFFER ROAD	BOTH AVENUE	FRANKFORT SQUARE	HARLEM AVENUE	INTERCONNECT
CODE NO.	PAY ITEM	UNIT	TOTAL	ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
5421D048	PIPE CULVERTS, CLASS D, TYPE 1 48" (TEMPORARY)	FOOT	99	99																
5421O184	PIPE ELBOW, 15"	EACH	1	1																
54213471	END SECTIONS 36"	EACH	1							1										
54213483	END SECTIONS 48"	EACH	2							2										
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6	6																
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	63	63																
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	3																
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	1	1																
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	8	8																
54213672	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27"	EACH	3	3																
54213678	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 33"	EACH	2	2																
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1																
5422A036	PIPE CULVERTS, CLASS A, TYPE 2 36" (TEMPORARY)	FOOT	162	162																
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1	1																
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	8	8																
54247140	GRATING FOR CONCRETE FLARED END SECTION 27"	EACH	3	3																
54247153	GRATING FOR CONCRETE FLARED END SECTION 33"	EACH	2	2																
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	1	1																
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,581	1,581																
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1,113	1,113																
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	55	55																
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	24	24																
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	20	20																
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	10,687	10,687																
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	2,966	2,966																
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2,494	2,494																
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	1,318	1,318																
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	2,527	2,527																
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	545	545																
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1,378	1,378																
550A0440	STORM SEWERS, CLASS A, TYPE 2 33"	FOOT	810	810																

● INDICATES SPECIALTY ITEMS

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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE 6/11/2010

DRAWN BY JRR CHECKED BY JRJ





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	10
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID	PROJECT

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% STATE 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE	
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021	0021
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	182	182															
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1															
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2															
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	38	38															
60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	7	7															
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	93	93															
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	57	57															
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	52	52															
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1															
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11															
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	1					3										
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	15	15															
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1															
60239714	INLETS, TYPE A, SPECIAL, TYPE 24 FRAME AND GRATE	EACH	2	2															
● 60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9										6	3					
● 60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7										4	3					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6															
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	3	3															
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1															
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4															
60256400	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	2	2															
60260050	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	2	2															
60260100	INLETS TO BE ADJUSTED	EACH	1	1															
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	19	19															
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1	1															
60266500	VALVE VAULTS TO BE REMOVED	EACH	3										3						
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6	6															
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2															
60402210	GRATES, TYPE 8	EACH	2	2															
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	15	15															

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE 6/11/2010

DRAWN BY JRR CHECKED BY JRJ



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE	
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
SUMMARY OF QUANTITIES																			
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021
● 70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	400	400															
● 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	83,079	83,079															
● 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,150	1,150															
● 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	382	382															
● 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	475	475															
● 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	88,013	88,013															
● 70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,025	2,025															
● 70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	545	545															
● 72000100	SIGN PANEL - TYPE 1	SQ FT	1,353	1,286											15	12		40	
● 72000200	SIGN PANEL - TYPE 2	SQ FT	460	272											15	30	88	55	
● 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	136	136															
● 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	7															
● 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	9	9															
● 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6															
● 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	2,514	2,514															
● 72900100	METAL POST - TYPE A	FOOT	322	322															
● 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	10	10															
● 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	255	255															
● 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,981	16,981															
● 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	650	650															
● 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	530	530															
● 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	42	42															
● 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	141	141															
● 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	3,706	3,706															
● 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	17,781	17,781															
● 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	17,834	17,834															
● 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	3,937	3,937															
● 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	1,278	1,278															
● 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,393	1,393															
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,461	1,461															

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE 6/11/2010

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CHECKED BY JRV



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL.	608	14
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

SUMMARY OF QUANTITIES		FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
LOCATION OF WORK				ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	INTERCONNECT
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021	0021
● 87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1																	1
● 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1													1				
● 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1																	1
● 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1													1				
● 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1																	1
● 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	3													1	1			1
● 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1														1			
● 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	2																	2
● 87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1																	1
● 87700340	STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	2																	1
● 87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1																	1
● 87702581	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 36 FT. AND 64 FT.	EACH	1																	1
● 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16													12	4			
● 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16													4	4	4	4	
● 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	60													30				30
● 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	116													15	28	45	28	
● 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	63														42	21		
● 87900200	DRILL EXISTING HANDHOLE	EACH	2												1					1
● 88030020	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	30													6	6	6	12	
● 88030050	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2													2				
● 88030100	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8														4	4		
● 88030110	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	17													1	4	4	8	
● 88030240	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1													1				
● 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8													4	2	2		
● 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	47													7	10	10	20	
● 88500100	INDUCTIVE LOOP DETECTOR	EACH	45													7	10	10	18	
3 ● 88700200	LIGHT DETECTOR	EACH	10													2	2	2	4	
3 ● 88700300	LIGHT DETECTOR AMPLIFIER	EACH	4													1	1	1	1	
● 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8													4	2	2		
● 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1													1				

● INDICATES SPECIALTY ITEMS  
 3 100% VILLAGE OF FRANKFORT FIRE PROTECTION DISTRICT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SCALE: VERT.      DRAWN BY JRR  
 HORIZ.              CHECKED BY JRJ  
 DATE 6/11/2010



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	15
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
LOCATION OF WORK			STA. 500+85- STA. 539+79											US ROUTE 45	PFEIFFER ROAD	80TH AVENUE	FRANKFORT SQUARE	HARLEM AVENUE	INTERCONNECT
CODE NO.	PAY ITEM	UNIT	TOTAL	ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
● 89502205	MODIFY EXISTING CONTROLLER (SPECIAL)	EACH	2												1				1
● 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	600								600								
● 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2												1				1
● 89502380	REMOVE EXISTING HANDHOLE	EACH	19												7				12
● 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	14												5				9
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	20,367	20,367															
Z0001055	AGGREGATE SUBGRADE 12", SPECIAL	SQ YD	141,757	141,757															
Z0004552	APPROACH SLAB REMOVAL	SQ YD	39	39															
● Z0007510	ENGINEERED BARRIER	SQ YD	125	125															
● Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1															
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1															
Z0022800	FENCE REMOVAL	FOOT	817	817															
Z0026407	TEMPORARY SHEET PILING	SQ FT	7,297							7,297									
● Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	12	12															
● Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6	6															
● Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	747	747															
● Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	20								20								
● Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1																1
● Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1																1
● Z0033060	PREFORMED DETECTOR LOOP	FOOT	3,680												583	1,065	998	1,034	
● Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	17,538																17,538
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	9,847	5,474						4,373									
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	159						159										
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	288	288															
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	56	56															
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	495	495															
Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	30	30															
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	51	51															
Z0056618	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	69	69															
Z0062456	TEMPORARY PAVEMENT	SQ YD	38,138	38,138															

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT.  
HORIZ.  
DATE 6/11/2010

DRAWN BY JRR  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	16

STA.	TO STA.
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT

URBAN

SUMMARY OF QUANTITIES		FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
CODE NO.	PAY ITEM	UNIT	TOTAL	ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
				0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021	0021
● Z0064800	SELECTIVE CLEARING	UNIT	19	19																
● Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2													1				1
4 Z0076600	TRAINEES	HOUR	4,000	4,000																
● A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	28									28								
● A2000174	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	2									2								
● A2001818	TREE, ACER SACCHARUM GREEN MOUNTAIN (GREEN MOUNTAIN SUGAR MAPLE), 2-1/4" CALIPER, BALLED AND BURLAPPED	EACH	11									11								
● A2002376	TREE, BETULA NIGRA (RIVER BIRCH), 12' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	11									11								
● A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	12									12								
● A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	34									34								
● A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	42									42								
● A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	47									47								
● A2005122	TREE, KOELREUTERIA PANICULATA (GOLDENRAINTREE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	7									7								
● A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	18									18								
● A2006270	TREE, POPULUS TREMULOIDES (QUAKING ASPEN), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	13									13								
● A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3									3								
● A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	13									13								
● A2006716	TREE, QUERCUS MARCOCARPA (BURR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	15									15								
● A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8									8								
● A2007870	TREE, TILIA AMERICANA (AMERICAN LINDEN / BASSWOOD), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	12									12								
● B2000668	TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	43									43								
● B2001168	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	37									37								
● B2001668	TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	39									39								

● INDICATES SPECIALTY ITEMS

4 CONSTRUCTION TYPE CODE 0042

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE 6/11/2010

DRAWN BY JRR CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
SUMMARY OF QUANTITIES																			
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021
● B2003274	TREE, MALUS DOLGO (DOLGO CRABAPPLE), 2" CALIPER, LOW-BRANCHED, BALLED AND BURLAPPED	EACH	9									9							
● B2003368	TREE, MALUS DONALD WYMAN (DONALD WYMAN CRABAPPLE), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	19									19							
● B2003416	TREE, MALUS FLORIBUNDA (JAPANESE FLOWERING CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	24									24							
● B2004150	TREE, MALUS PRAIRIE ROSE (PRAIRIE ROSE CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	21									21							
● B2005466	TREE, PRUNUS VIRGINIANA SCHUBERT (SCHUBERT CHOKEBERRY), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	17									17							
● B2005720	TREE, PYRUS CALLERYANA CHANTICLEER (CHANTICLEER CALLERY PEAR), 2-1/2" CALIPER, BALLED AND BURLAPPED, TREE FORM.	EACH	12									12							
● B2006168	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	48									48							
● B2006268	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	91									91							
● C2C00324	SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK CHOKEBERRY), 2' HEIGHT, CONTAINER	EACH	68									68							
● C2C00524	SHRUB, ARONIA MELANOCARPA (BLACK CHOKEBERRY), 2' HEIGHT, CONTAINER	EACH	30									30							
● C2C01120	SHRUB, CEPHALANTHUS OCCIDENTALIS (BUTTON BUSH), 2' HEIGHT, CONTAINER	EACH	30									30							
● C2C01424	SHRUB, CORNUS AMOMUM (SILKY DOGWOOD), 2' HEIGHT, CONTAINER	EACH	164									164							
● C2C01536	SHRUB, CORNUS RACEMOSA (GREY DOGWOOD), 3' HEIGHT, CONTAINER	EACH	55									55							
● C2C06212	SHRUB, RIBES AMERICANUM (WILD BLACK CURRANT), 12" WIDTH, CONTAINER	EACH	45									45							
● C2C06220	SHRUB, RIBES MISSOURIENSE (MISSOURI GOOSEBERRY), 12" WIDTH, CONTAINER	EACH	28									28							
● C2C09624	SHRUB, SAMBUCUS CANADENSIS (AMERICAN ELDER), 2' HEIGHT, CONTAINER	EACH	101									101							
● C2C11024	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILAC), 2' HEIGHT, CONTAINER	EACH	45									45							
● C2002048	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 4' HEIGHT, BALLED AND BURLAPPED	EACH	13									13							
● C2005812	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' HEIGHT, BALLED AND BURLAPPED	EACH	78									78							
● C2011936	SHRUB, VIBURNUM DENTATUM RALPH SENIOR (AUTUMN JAZZ ARROWHEAD VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	47									47							
● C2012448	SHRUB, VIBURNUM LENTAGO (NANNYBERRY VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED	EACH	51									51							
● C2012760	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 5' HEIGHT, BALLED AND BURLAPPED	EACH	29									29							
● D2C00424	EVERGREEN, JUNIPERUS CHINENSIS PFITZER ANA (PFITZER JUNIPER), 2' WIDTH, CONTAINER	EACH	15									15							
● D2C01018	EVERGREEN, JUNIPERUS HORIZONTALIS WILTONII (BLUE RUG JUNIPER), 18" WIDTH, CONTAINER	EACH	30									30							

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT.      DRAWN BY JRR  
 HORIZ.              CHECKED BY JRV  
 DATE 6/11/2010

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	18
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
SUMMARY OF QUANTITIES																			
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021
● D2001972	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	7									7							
● D2002484	EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	31									31							
● K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	54									54							
● K0013030	PERENNIAL PLANT, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	97									97							
● K0026610	TRANSPLANTED SALVAGED TREES	EACH	12	12															
● K0026850	PERENNIAL PLANT CARE	SQ YD	2,600									2,600							
● K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	9									9							
● K0029626	WEED CONTROL, TEASEL	POUND	1									1							
● K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	1									1							
● K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	191									191							
● XX003037	DUCTILE IRON FITTINGS AND ACCESSORIES	POUND	3,300										2,400	900					
● XX004760	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	13									13							
● XX004998	PVC WATER MAIN 6"	FOOT	35									35							
● XX007776	REMOVE AND ABANDON VALVE BOX	EACH	5									5							
● XX008196	TRENCH BACKFILL, WATERMAIN, SPECIAL	FOOT	330									310	20						
X0320816	SLEEPER SLAB	SQ YD	487	487															
● X0322959	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL (WETLAND)	GALLON	0.25									0.25							
● X0322992	COARSE SAND PLACEMENT, 4"	SQ YD	900									900							
● X0323842	WATER MAIN LINE STOP 12"	EACH	1										1						
X0324752	STORM SEWER TO BE FILLED	CU YD	10	10															
X0324876	CONCRETE BARRIER (SPECIAL)	FOOT	60	60															
X0325034	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, OPEN LIDS, RESTRICTOR PLATE	EACH	4	4															
● X0325742	CONCRETE FOUNDATION, TYPE E (SPECIAL)	FOOT	50															50	
X0326020	UTILITY PROTECTION PAD	SQ YD	1,603	1,603															
● X0327022	WATER SERVICE LINE 1", (BORED)	EACH	1									1							
● X0327023	WATER SERVICE LINE 1", (OPEN CUT)	EACH	1									1							
● X0327024	FIRE HYDRANTS TO BE REMOVED & SALVAGED	EACH	13									13							
● X0327025	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	6,000									5,300	700						
X0327029	REMOVE SUBDIVISION MONUMENT SIGN	EACH	2	2															

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT.      DRAWN BY JRR  
 HORIZ.              CHECKED BY JRV  
 DATE 6/11/2010

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	19
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE	
LOCATION OF WORK		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
SUMMARY OF QUANTITIES																			
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021
X0327030	REMOVE DECORATIVE ARBOR	EACH	2	2															
X0327031	EXPLORATORY EXCAVATION	L SUM	1					1											
X0327032	TEMPORARY VIDEO DETECTION	EACH	1												1				
X0327033	RELOCATE EXISTING VALVE VAULT AND CONNECT TO PROPOSED WATER MAIN	L SUM	1										1						
X0327034	24" DIAMETER STEEL SLEEVE, 0.375" WALL THICKNESS, AUGERED	FOOT	355										130	225					
X0351580	PVC WATER MAIN 12"	FOOT	6,200										5,500	700					
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	142					142											
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	500															
X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	1.25	1.25															
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	50	50															
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	47	47															
X4023000	TEMPORARY ACCESS (ROAD)	EACH	24	24															
X4201400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	363	363															
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,654	3,654															
X4403800	MEDIAN SURFACE REMOVAL	SQ FT	40,379	40,379															
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	14					14											
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1					1											
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1					1											
X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1										1						
X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	10										8	2					
X6020088	MANHOLES, TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1															
X6020098	MANHOLES, TYPE A, 9' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1															
X6022900	CATCH BASINS TO BE RECONSTRUCTED (SPECIAL)	EACH	49	49															
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	17	17															
X6026800	INLETS TO BE RECONSTRUCTED (SPECIAL)	EACH	1	1															
X6028000	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	12	12															
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	24	24															
X7030104	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III 4 INCH	FOOT	153,148	153,148															
X7030106	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III 6 INCH	FOOT	7,171	7,171															
X7030112	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III 12 INCH	FOOT	2,152	2,152															

● INDICATES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT.      DRAWN BY JRR  
 HORIZ.              CHECKED BY JRV  
 DATE 6/11/2010



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	20
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

URBAN

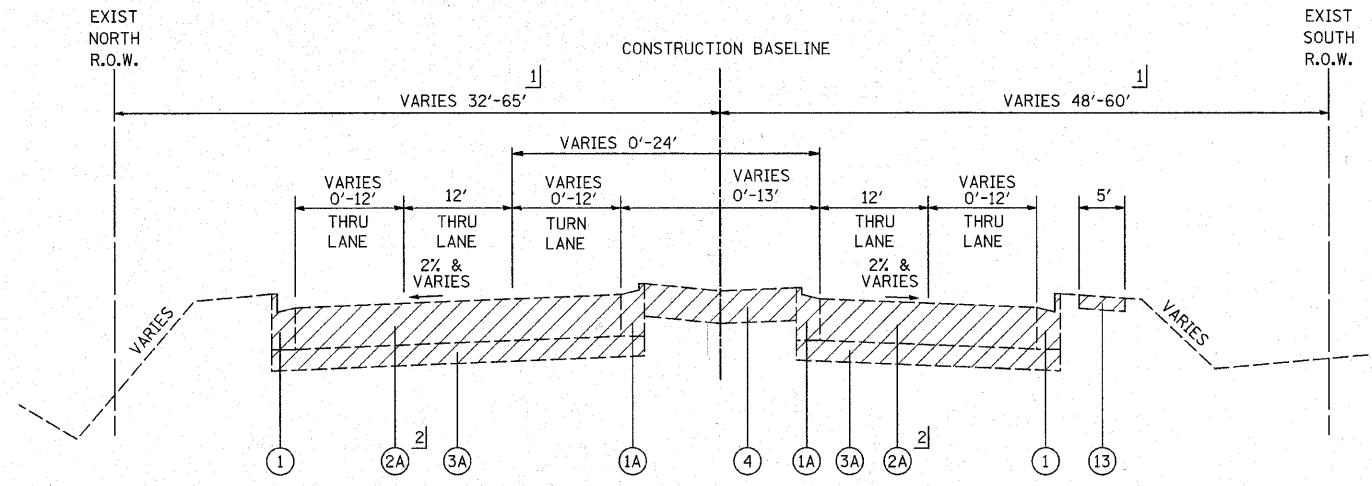
FUNDING BREAKDOWN		80% FED 20% STATE	80% STATE 20% FPDWC	80% STATE 20% VOF	80% STATE 20% VOF	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% VOF	80% FED 20% STATE	80% FED 13.3% STATE 6.7% VOF	80% FED 10% STATE 10% FT	80% FED 10% STATE 5% VOF 5% FT	80% FED 20% STATE	80% FED 20% STATE	
LOCATION OF WORK			STA. 500+85- STA. 539+79											US ROUTE 45	PFEIFFER ROAD	BOTH AVENUE	FRANKFORT SQUARE	HARLEM AVENUE	INTERCONNECT	
SUMMARY OF QUANTITIES		ROADWAY	BIKEPATH	BIKEPATH	SIDEWALK	SIDEWALK	HICKORY CREEK BRIDGE	BOX CULVERTS	LIGHTING	LANDSCAPING	WATERMAIN	WATERMAIN		TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
CODE NO.	PAY ITEM	UNIT	TOTAL	0003	0021	0021	0021	0021	0013	0040	0021	0031	0043	0043	0021	0021	0021	0021	0021	0021
● X7030120	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS	SQ FT	1,416	1,416																
● X7030124	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH	FOOT	1,901	1,901																
● X8050015	SERVICE INSTALLATION-POLE MOUNTED	EACH	4												1	1	1	1		
● X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	4												1	1	1	1		
● X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	17,627																	17,627
● X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2,877												577	693	682	925		
3 ● X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	2,333												521	332	321	1,159		
● X8772630	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 40 FT. AND 58 FT.	EACH	1																1	
● K0036120	MULCH PLACEMENT 4"	SQ YD	1,797									1,797								
60248000	JUNCTION CHAMBER, NO. 1	EACH	1							1										
60248100	JUNCTION CHAMBER, NO. 2	EACH	1							1										
60248200	JUNCTION CHAMBER, NO. 3	EACH	1							1										
60248300	JUNCTION CHAMBER, NO. 4	EACH	1							1										
60248400	JUNCTION CHAMBER, NO. 5	EACH	1							1										
60248500	JUNCTION CHAMBER, NO. 6	EACH	1							1										
60248600	JUNCTION CHAMBER, NO. 7	EACH	1							1										
60248610	JUNCTION CHAMBER, NO. 8	EACH	1							1										
60248620	JUNCTION CHAMBER, NO. 9	EACH	1							1										
60248630	JUNCTION CHAMBER, NO. 10	EACH	1							1										
60248640	JUNCTION CHAMBER, NO. 11	EACH	1							1										
X2800520	ABOVE GRADE INLET FILTERS	EACH	88	88																

- INDICATES SPECIALTY ITEMS
- 3 100% VILLAGE OF FRANKFORT FIRE PROTECTION DISTRICT

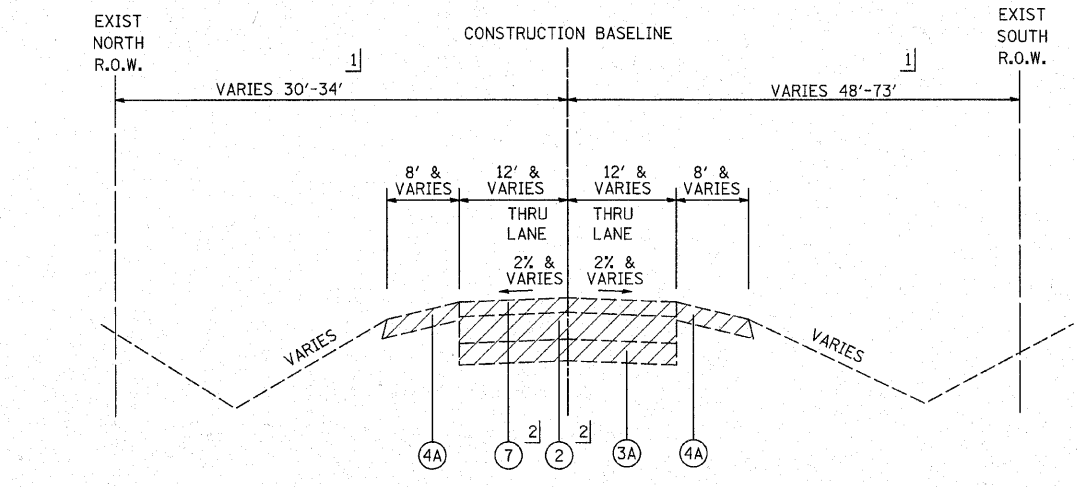
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SUMMARY OF QUANTITIES

SCALE: VERT. DATE 6/11/2010  
 DRAWN BY JRR  
 CHECKED BY JRV

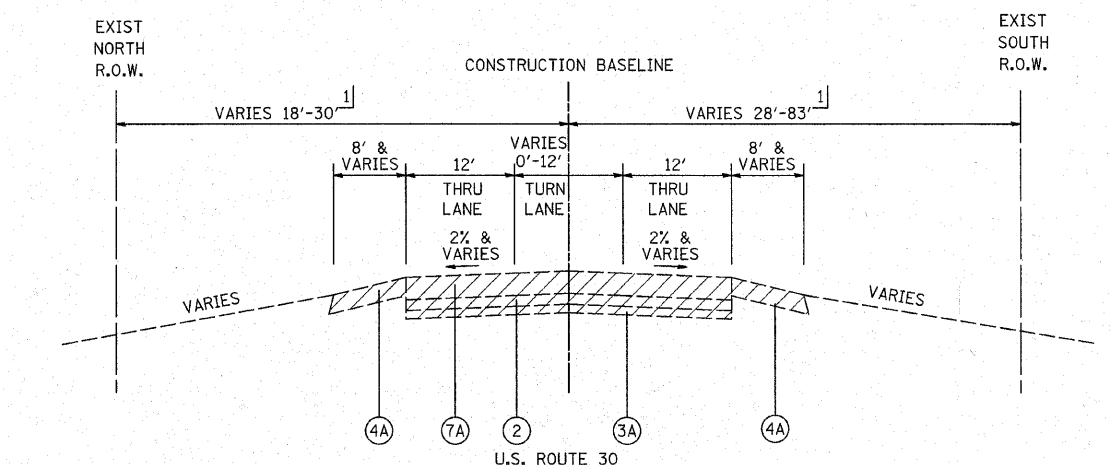
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	21
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



U.S. ROUTE 30  
STA. 424+60 TO STA. 431+06



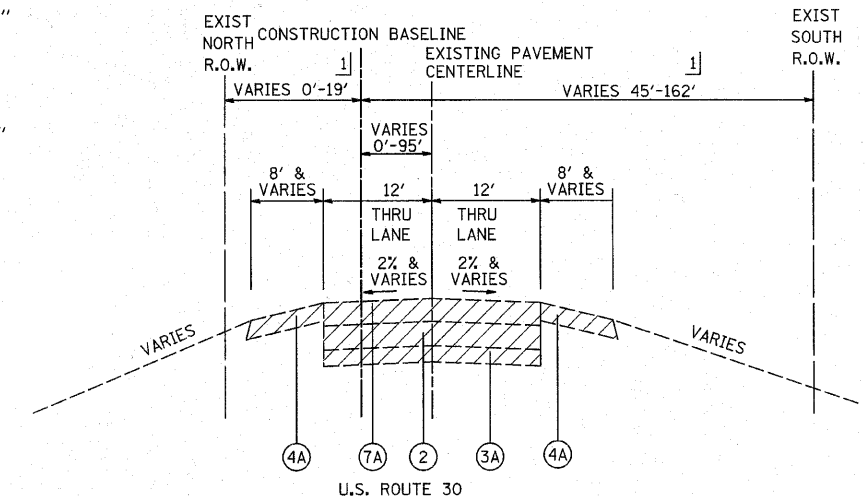
U.S. ROUTE 30  
STA. 431+06 TO STA. 448+00



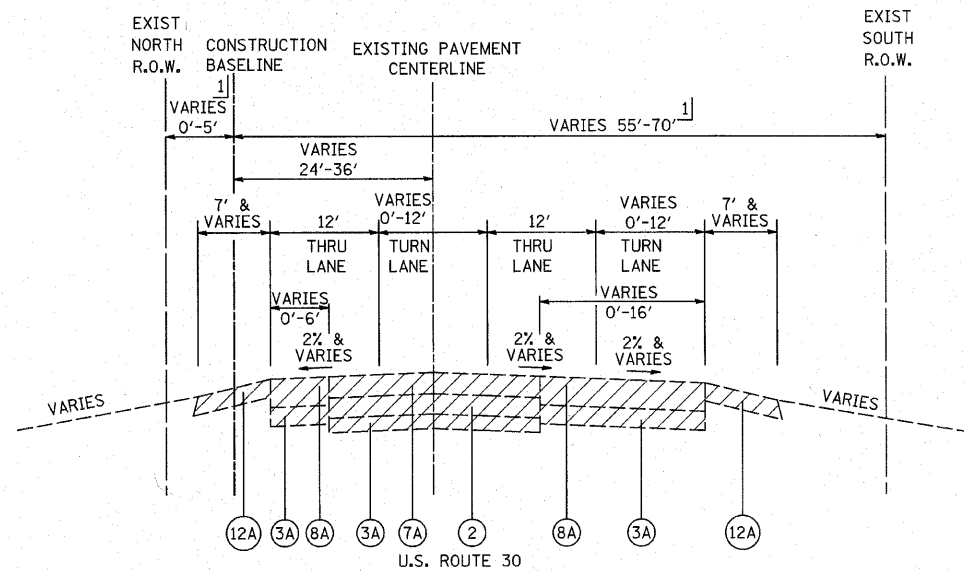
U.S. ROUTE 30  
STA. 448+00 TO STA. 457+00

- LEGEND**
- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
  - ①A EXISTING COMB. CONC. CURB AND GUTTER, TYPE M-2.24
  - ② EXISTING P.C.C. PAVEMENT, DEPTH VARIES 6" TO 9"
  - ②A EXISTING P.C.C. PAVEMENT, 9.5"
  - ③ EXISTING P.C.C. PAVEMENT, DEPTH VARIES 10" TO 11"
  - ③A EXISTING GRANULAR SUB-BASE
  - ④ EXISTING STABILIZED MEDIAN SURFACE, 8"
  - ④A EXISTING AGGREGATE SHOULDER
  - ⑤ EXISTING HOT-MIX ASPHALT PAVEMENT, 2.25"
  - ⑤A EXISTING HOT-MIX ASPHALT PAVEMENT, 2.75"
  - ⑥ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 3.75" TO 6.5"
  - ⑥A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH 4.25" TO 4.5"
  - ⑦ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 9" TO 11.75"
  - ⑦A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 11.25" TO 15"
  - ⑧ EXISTING HOT-MIX ASPHALT PAVEMENT, 13"
  - ⑧A EXISTING HOT-MIX ASPHALT PAVEMENT, 13.75"
  - ⑨ EXISTING HOT-MIX ASPHALT PAVEMENT, 17"
  - ⑨A EXISTING HOT-MIX ASPHALT PAVEMENT, 25.5"
  - ⑩ EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-9.12
  - ⑩A EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.12
  - ⑪ EXISTING P.C. CONCRETE MEDIAN SURFACE
  - ⑪A EXISTING CORRUGATED CONCRETE MEDIAN
  - ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
  - ⑫A EXISTING HOT-MIX ASPHALT SHOULDER
  - ⑬ EXISTING P.C.C. SIDEWALK
  - ⑬A EXISTING HOT-MIX ASPHALT PAVEMENT, 9"
  - ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- REMOVAL

NOTE: SEE PLAN SHEETS FOR ADDITIONAL PAVEMENT CORE INFORMATION.



U.S. ROUTE 30  
STA. 457+00 TO STA. 468+55  
STA. 480+59 TO STA. 485+00



U.S. ROUTE 30  
STA. 468+55 TO STA. 480+59

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
EXISTING TYPICAL SECTIONS

SCALE: NOT TO SCALE  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRJ

1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY DIMENSIONS  
2] SEE PLAN AND PROFILE SHEETS FOR LOCATIONS WHERE PAVEMENT REMOVAL IS NOT REQUIRED PER SECTION 205.03 OF THE STANDARD SPECIFICATIONS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	22
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ①A EXISTING COMB. CONC. CURB AND GUTTER, TYPE M-2.24
- ② EXISTING P.C.C. PAVEMENT, DEPTH VARIES 6" TO 9"
- ②A EXISTING P.C.C. PAVEMENT, 9.5"
- ③ EXISTING P.C.C. PAVEMENT, DEPTH VARIES 10" TO 11"
- ③A EXISTING GRANULAR SUB-BASE
- ④ EXISTING STABILIZED MEDIAN SURFACE, 8"
- ④A EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HOT-MIX ASPHALT PAVEMENT, 2.25"
- ⑤A EXISTING HOT-MIX ASPHALT PAVEMENT, 2.75"
- ⑥ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 3.75" TO 6.5"
- ⑥A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH 4.25" TO 4.5"
- ⑦ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 9" TO 11.75"
- ⑦A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 11.25" TO 15"
- ⑧ EXISTING HOT-MIX ASPHALT PAVEMENT, 13"
- ⑧A EXISTING HOT-MIX ASPHALT PAVEMENT, 13.75"
- ⑨ EXISTING HOT-MIX ASPHALT PAVEMENT, 17"
- ⑨A EXISTING HOT-MIX ASPHALT PAVEMENT, 25.5"
- ⑩ EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-9.12
- ⑩A EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.12
- ⑪ EXISTING P.C. CONCRETE MEDIAN SURFACE
- ⑪A EXISTING CORRUGATED CONCRETE MEDIAN
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ⑫A EXISTING HOT-MIX ASPHALT SHOULDER
- ⑬ EXISTING P.C.C. SIDEWALK
- ⑬A EXISTING HOT-MIX ASPHALT PAVEMENT, 9"
- ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

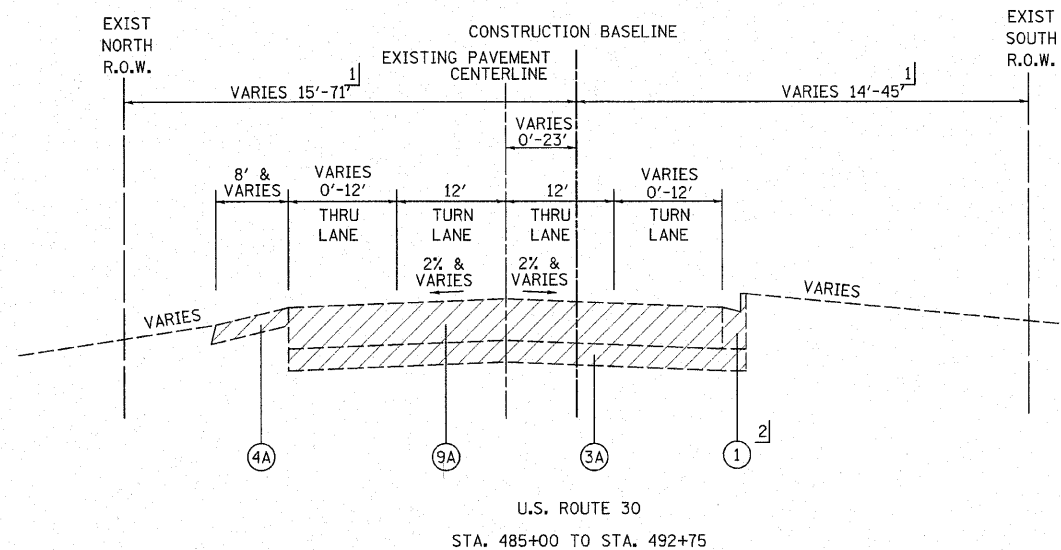
REMOVAL

NOTE: SEE PLAN SHEETS FOR ADDITIONAL PAVEMENT CORE INFORMATION.

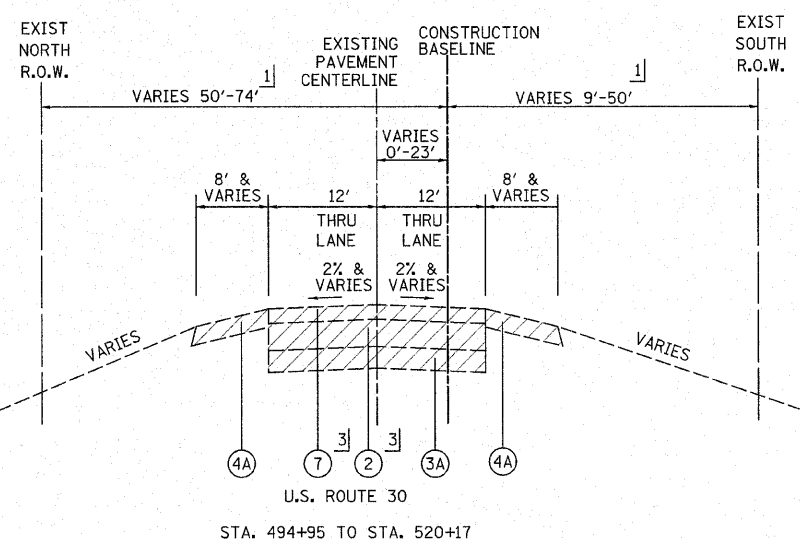
HICKORY CREEK BRIDGE

STA. 492+75 TO STA. 494+95  
SEE SHEETS NO. 408 TO 439 FOR STRUCTURAL PLANS

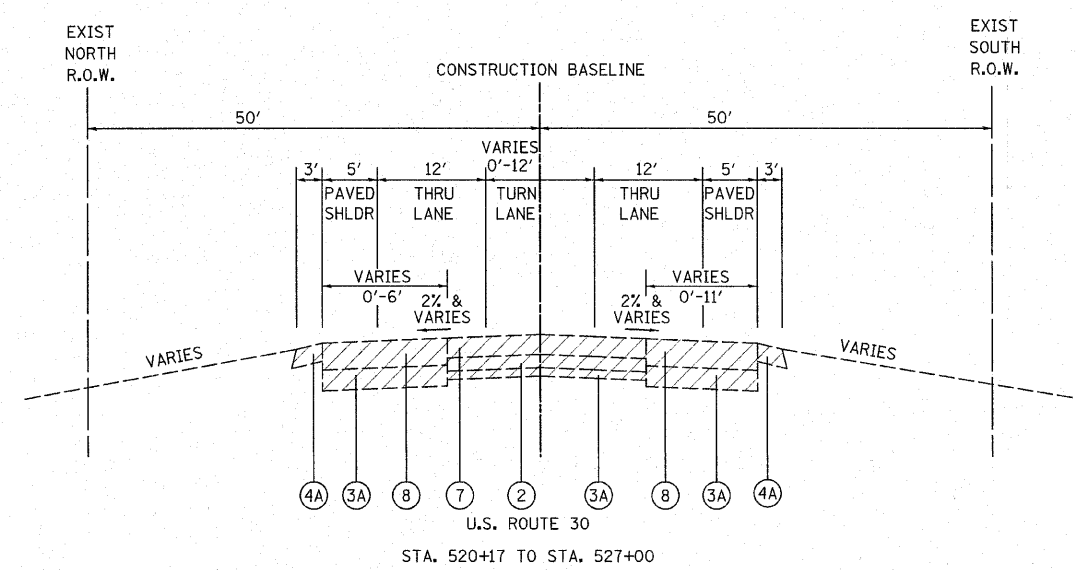
- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY DIMENSIONS
- 2] STA. 490+00 TO STA. 492+75  
4' HOT-MIX ASPHALT SHOULDER
- 3] SEE PLAN AND PROFILE SHEETS FOR LOCATIONS WHERE PAVEMENT REMOVAL IS NOT REQUIRED PER SECTION 205.03 OF THE STANDARD SPECIFICATIONS.
- 4] STA. 538+90 TO STA. 545+00
- 5] STA. 540+50 TO STA. 545+00



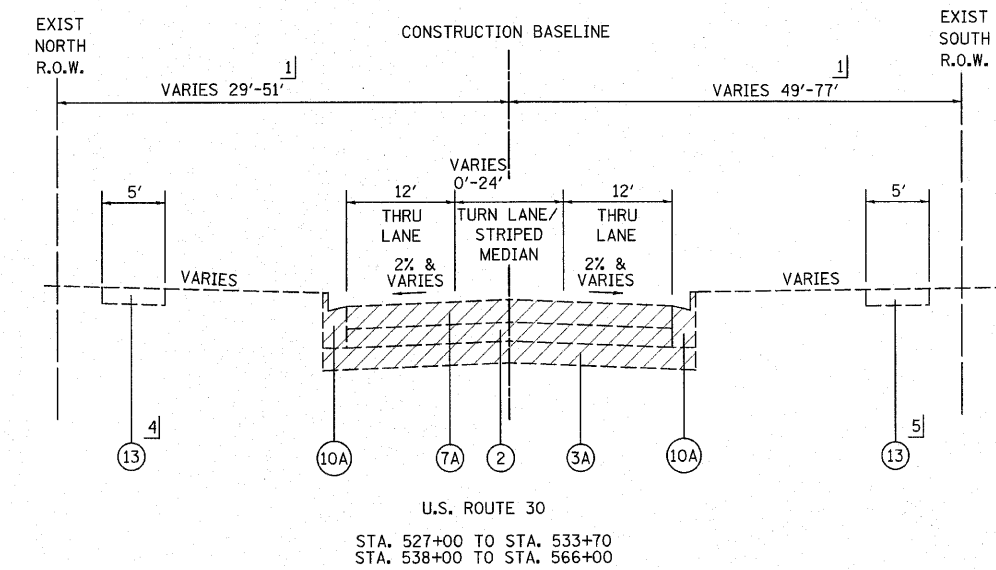
U.S. ROUTE 30  
STA. 485+00 TO STA. 492+75



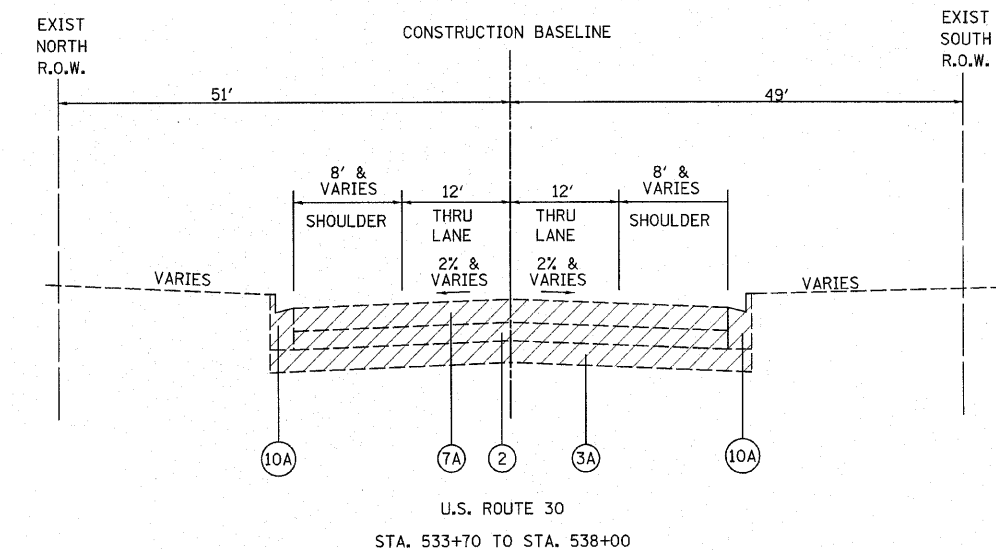
U.S. ROUTE 30  
STA. 494+95 TO STA. 520+17



U.S. ROUTE 30  
STA. 520+17 TO STA. 527+00



U.S. ROUTE 30  
STA. 527+00 TO STA. 533+70  
STA. 538+00 TO STA. 566+00

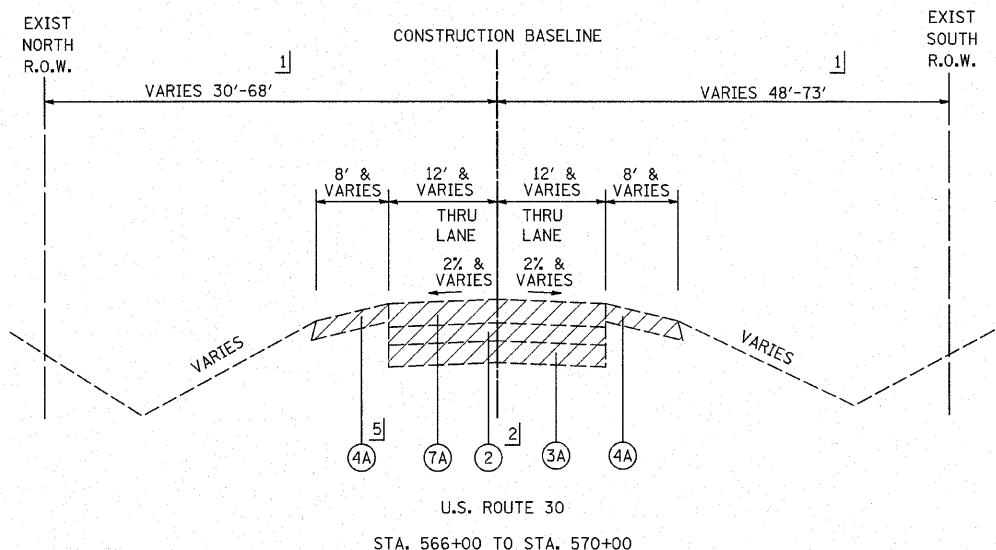


U.S. ROUTE 30  
STA. 533+70 TO STA. 538+00

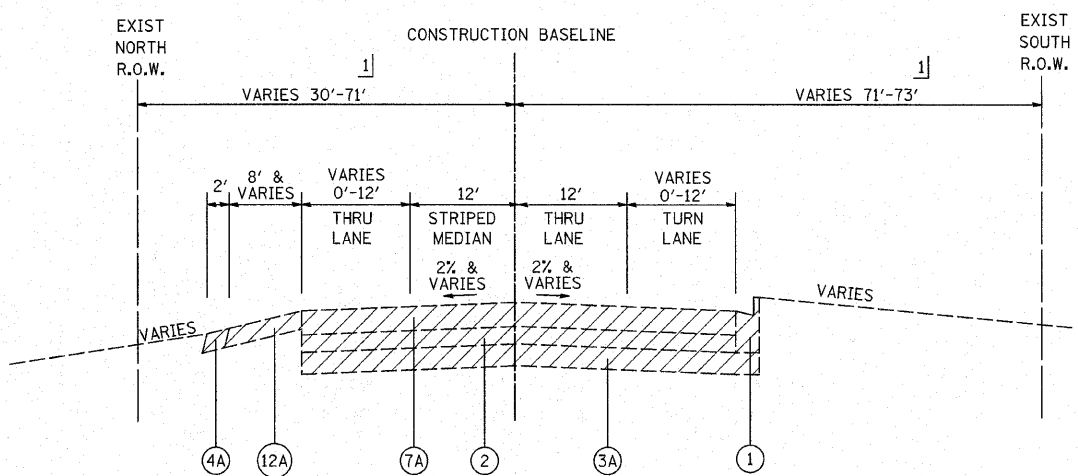
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
U.S. ROUTE 30  
EXISTING TYPICAL SECTIONS  
  
SCALE: NOT TO SCALE  
DATE 6/11/2010  
DRAWN BY DJK  
CHECKED BY JRV

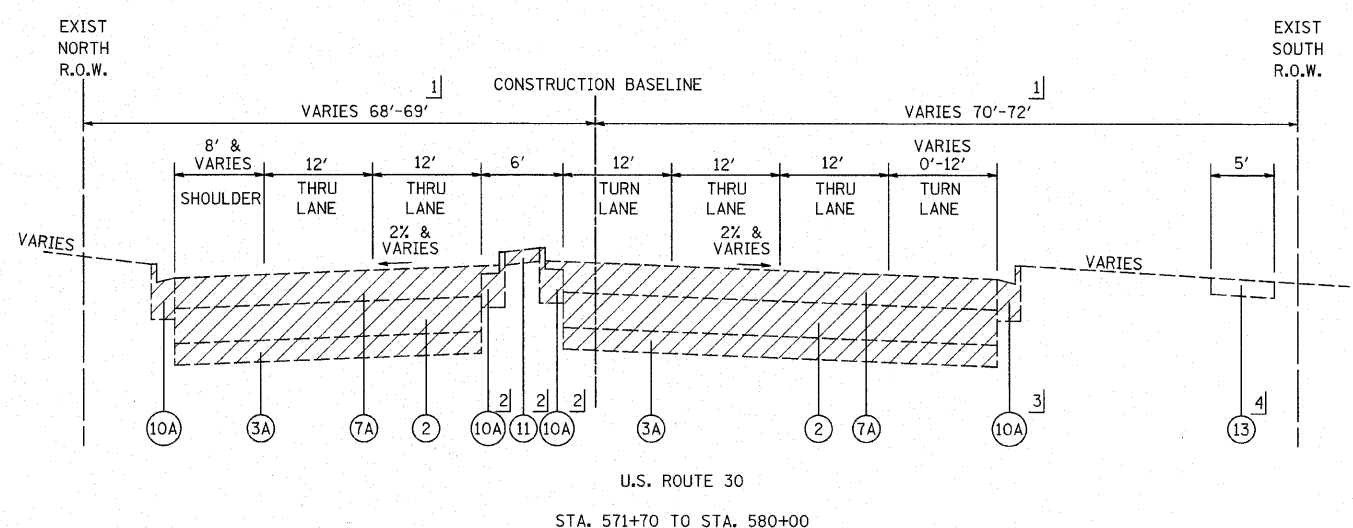
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	23
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



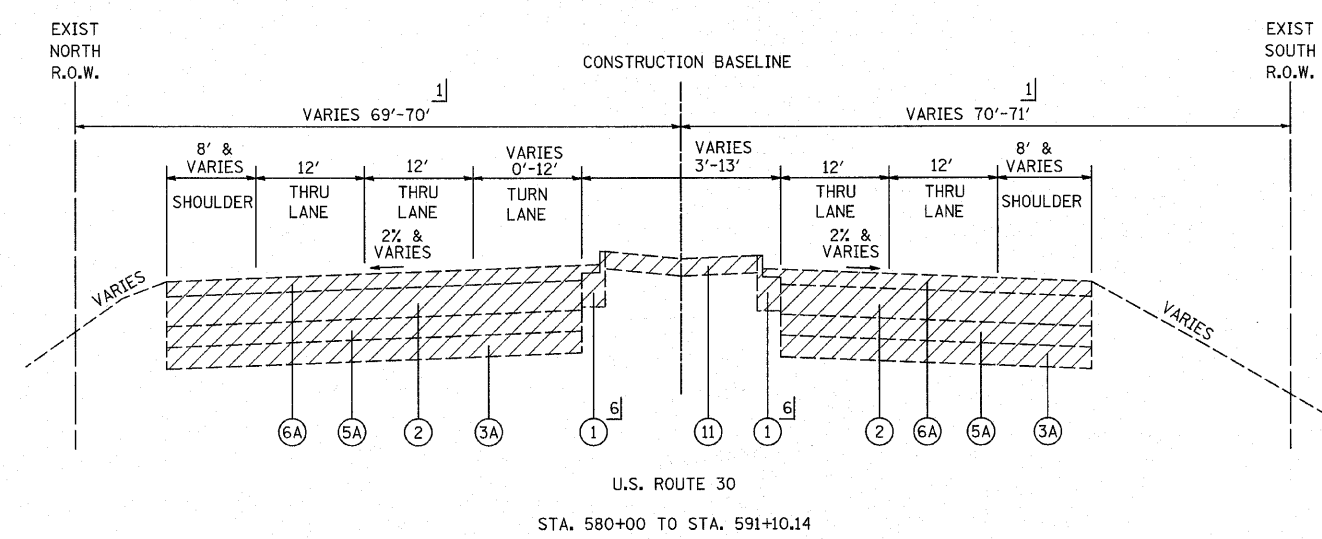
U.S. ROUTE 30  
STA. 566+00 TO STA. 570+00



U.S. ROUTE 30  
STA. 570+00 TO STA. 571+70



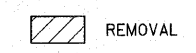
U.S. ROUTE 30  
STA. 571+70 TO STA. 580+00



U.S. ROUTE 30  
STA. 580+00 TO STA. 591+10.14

LEGEND

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ①A EXISTING COMB. CONC. CURB AND GUTTER, TYPE M-2.24
- ② EXISTING P.C.C. PAVEMENT, DEPTH VARIES 6" TO 9"
- ②A EXISTING P.C.C. PAVEMENT, 9.5"
- ③ EXISTING P.C.C. PAVEMENT, DEPTH VARIES 10" TO 11"
- ③A EXISTING GRANULAR SUB-BASE
- ④ EXISTING STABILIZED MEDIAN SURFACE, 8"
- ④A EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HOT-MIX ASPHALT PAVEMENT, 2.25"
- ⑤A EXISTING HOT-MIX ASPHALT PAVEMENT, 2.75"
- ⑥ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 3.75" TO 6.5"
- ⑥A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH 4.25" TO 4.5"
- ⑦ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 9" TO 11.75"
- ⑦A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 11.25" TO 15"
- ⑧ EXISTING HOT-MIX ASPHALT PAVEMENT, 13"
- ⑧A EXISTING HOT-MIX ASPHALT PAVEMENT, 13.75"
- ⑨ EXISTING HOT-MIX ASPHALT PAVEMENT, 17"
- ⑨A EXISTING HOT-MIX ASPHALT PAVEMENT, 25.5"
- ⑩ EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-9.12
- ⑩A EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.12
- ⑪ EXISTING P.C. CONCRETE MEDIAN SURFACE
- ⑪A EXISTING CORRUGATED CONCRETE MEDIAN
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- ⑫A EXISTING HOT-MIX ASPHALT SHOULDER
- ⑬ EXISTING P.C.C. SIDEWALK
- ⑬A EXISTING HOT-MIX ASPHALT PAVEMENT, 9"
- ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



NOTE: SEE PLAN SHEETS FOR ADDITIONAL PAVEMENT CORE INFORMATION.

- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY DIMENSIONS
- 2] STA. 571+70 TO STA. 578+45 STRIPED MEDIAN, NO CURB AND GUTTER
- 3] STA. 571+70 TO STA. 572+42 6' AGGREGATE SHOULDER
- 4] STA. 574+50 TO STA. 579+50
- 5] STA. 568+00 TO STA. 570+00 HOT-MIX ASPHALT SHOULDER
- 6] REMOVAL OF HMA ON GUTTERS SHALL BE INCLUDED IN THE COST OF "COMBINATION CURB AND GUTTER REMOVAL"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
EXISTING TYPICAL SECTIONS

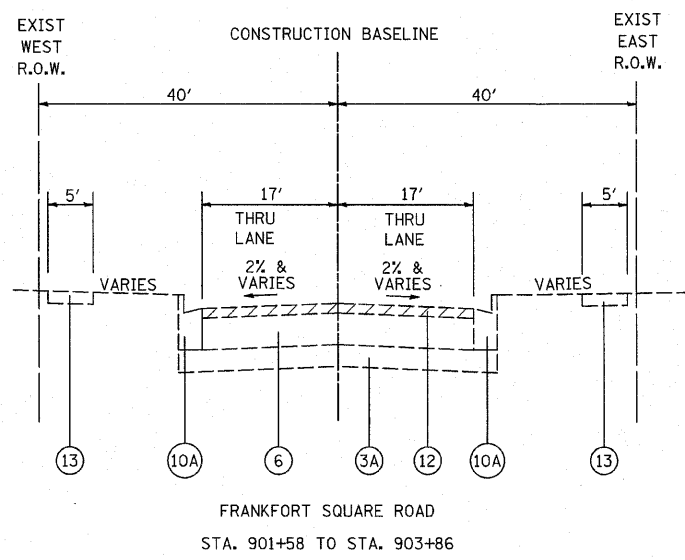
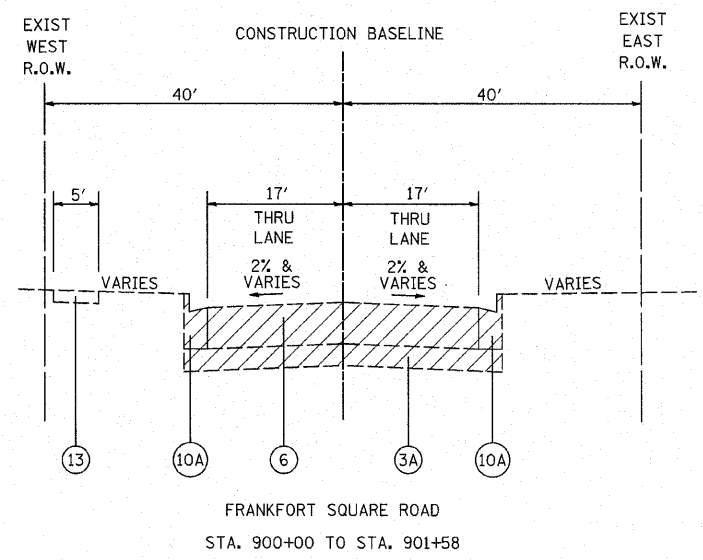
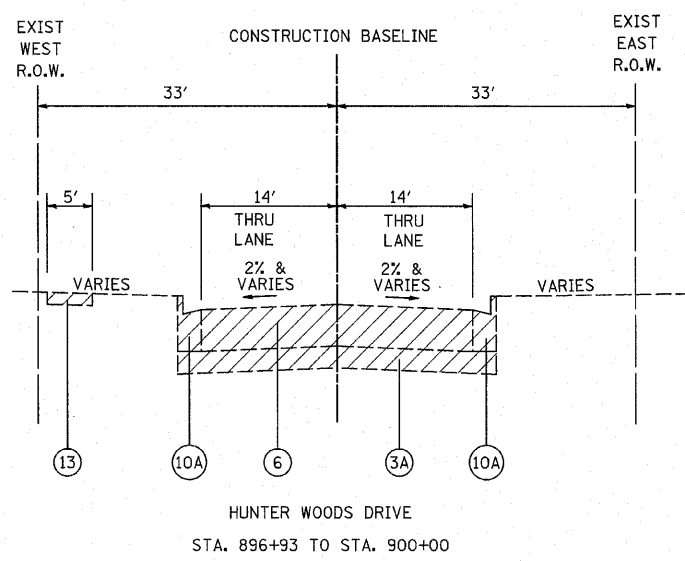
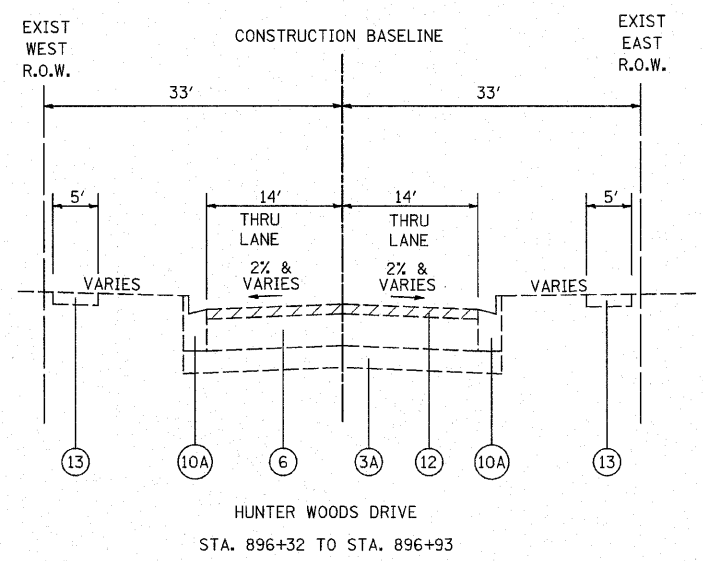
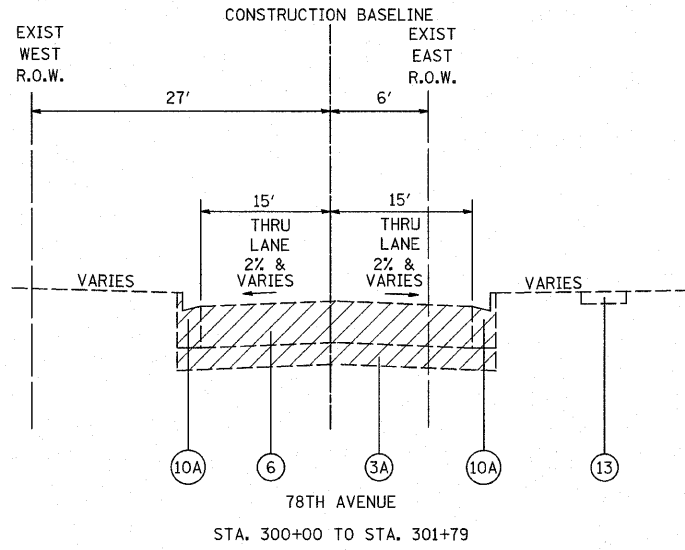
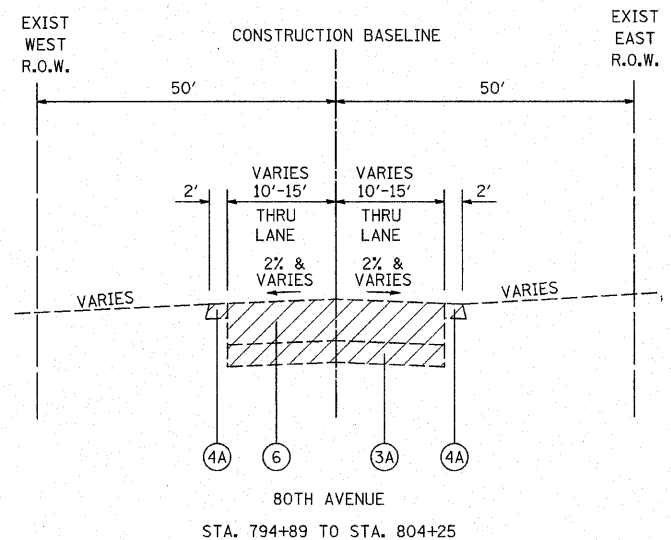
SCALE: NOT TO SCALE  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRJ





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	25
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
  - ①A EXISTING COMB. CONC. CURB AND GUTTER, TYPE M-2.24
  - ② EXISTING P.C.C. PAVEMENT, DEPTH VARIES 6" TO 9"
  - ②A EXISTING P.C.C. PAVEMENT, 9.5"
  - ③ EXISTING P.C.C. PAVEMENT, DEPTH VARIES 10" TO 11"
  - ③A EXISTING GRANULAR SUB-BASE
  - ④ EXISTING STABILIZED MEDIAN SURFACE, 8"
  - ④A EXISTING AGGREGATE SHOULDER
  - ⑤ EXISTING HOT-MIX ASPHALT PAVEMENT, 2.25"
  - ⑤A EXISTING HOT-MIX ASPHALT PAVEMENT, 2.75"
  - ⑥ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 3.75" TO 6.5"
  - ⑥A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH 4.25" TO 4.5"
  - ⑦ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 9" TO 11.75"
  - ⑦A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 11.25" TO 15"
  - ⑧ EXISTING HOT-MIX ASPHALT PAVEMENT, 13"
  - ⑧A EXISTING HOT-MIX ASPHALT PAVEMENT, 13.75"
  - ⑨ EXISTING HOT-MIX ASPHALT PAVEMENT, 17"
  - ⑨A EXISTING HOT-MIX ASPHALT PAVEMENT, 25.5"
  - ⑩ EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-9.12
  - ⑩A EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.12
  - ⑪ EXISTING P.C. CONCRETE MEDIAN SURFACE
  - ⑪A EXISTING CORRUGATED CONCRETE MEDIAN
  - ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
  - ⑫A EXISTING HOT-MIX ASPHALT SHOULDER
  - ⑬ EXISTING P.C.C. SIDEWALK
  - ⑬A EXISTING HOT-MIX ASPHALT PAVEMENT, 9"
  - ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- REMOVAL

NOTE: SEE PLAN SHEETS FOR ADDITIONAL PAVEMENT CORE INFORMATION.

REVISIONS	
NAME	DATE

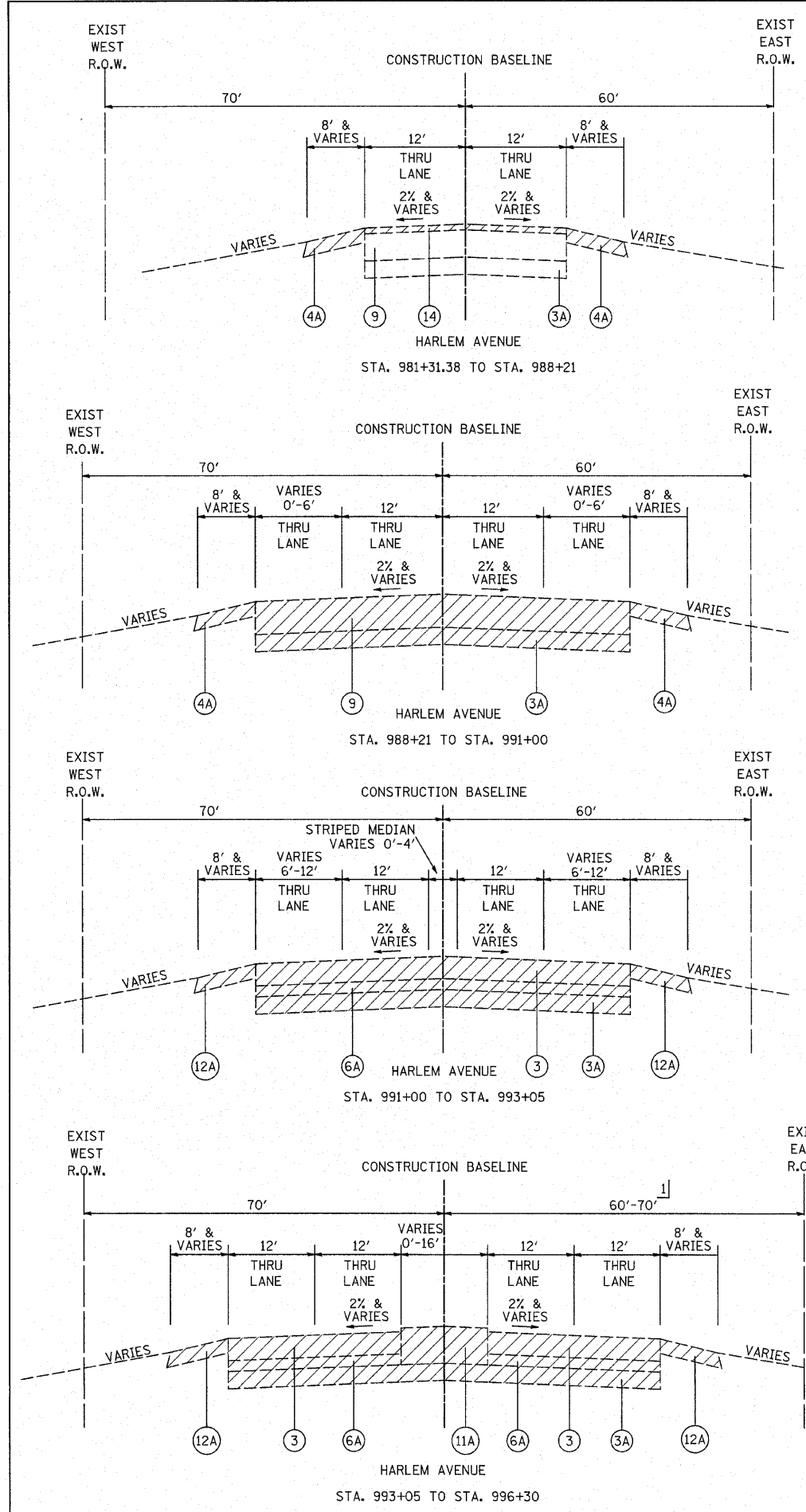
ILLINOIS DEPARTMENT OF TRANSPORTATION

**SIDE STREETS  
EXISTING TYPICAL SECTIONS**

SCALE: NOT TO SCALE  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

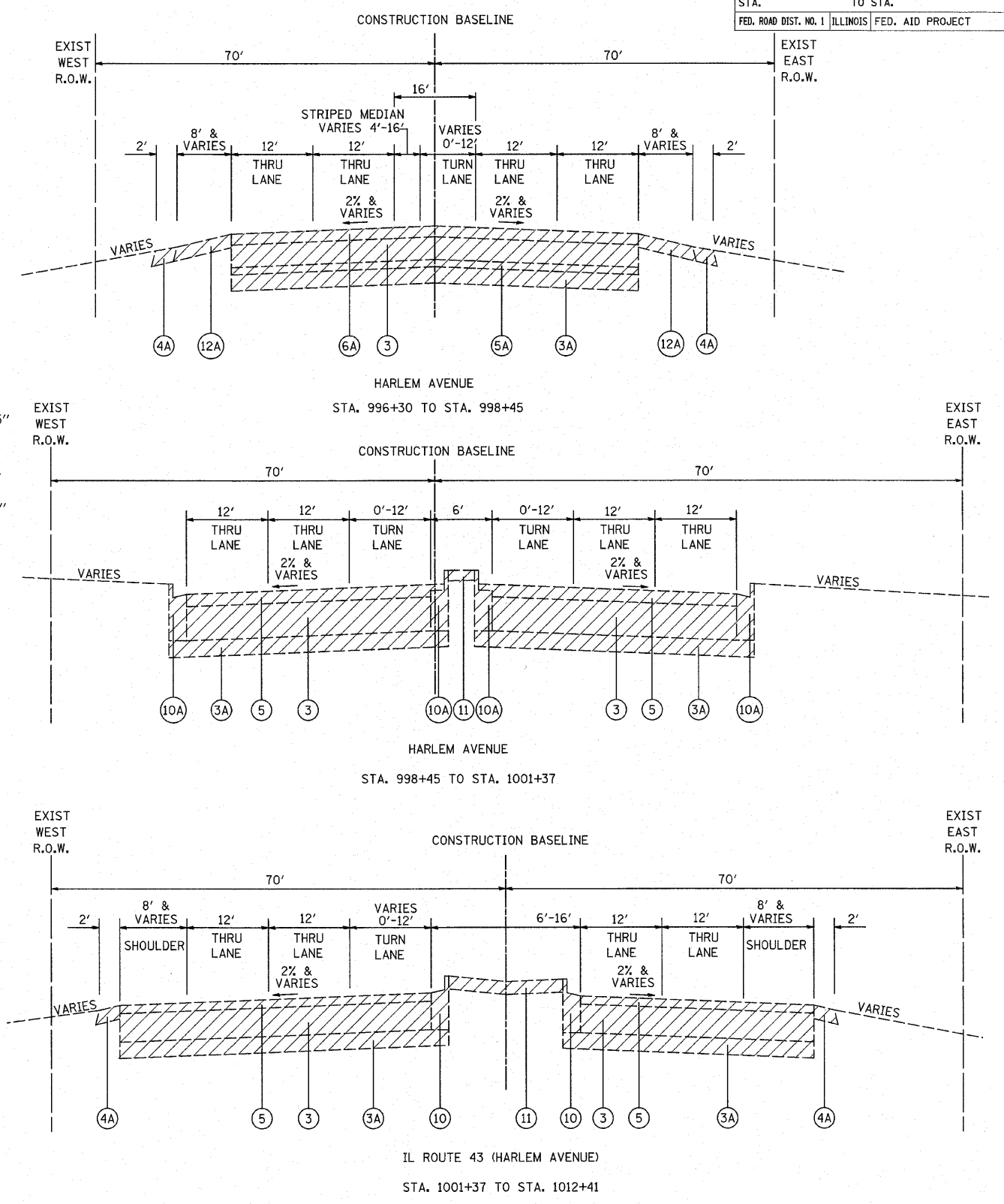
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	26
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.24
  - ①A EXISTING COMB. CONC. CURB AND GUTTER, TYPE M-2.24
  - ② EXISTING P.C.C. PAVEMENT, DEPTH VARIES 6" TO 9"
  - ②A EXISTING P.C.C. PAVEMENT, 9.5"
  - ③ EXISTING P.C.C. PAVEMENT, DEPTH VARIES 10" TO 11"
  - ③A EXISTING GRANULAR SUB-BASE
  - ④ EXISTING STABILIZED MEDIAN SURFACE, 8"
  - ④A EXISTING AGGREGATE SHOULDER
  - ⑤ EXISTING HOT-MIX ASPHALT PAVEMENT, 2.25"
  - ⑤A EXISTING HOT-MIX ASPHALT PAVEMENT, 2.75"
  - ⑥ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 3.75" TO 6.5"
  - ⑥A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH 4.25" TO 4.5"
  - ⑦ EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 9" TO 11.75"
  - ⑦A EXISTING HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES 11.25" TO 15"
  - ⑧ EXISTING HOT-MIX ASPHALT PAVEMENT, 13"
  - ⑧A EXISTING HOT-MIX ASPHALT PAVEMENT, 13.75"
  - ⑨ EXISTING HOT-MIX ASPHALT PAVEMENT, 17"
  - ⑨A EXISTING HOT-MIX ASPHALT PAVEMENT, 25.5"
  - ⑩ EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-9.12
  - ⑩A EXISTING COMB. CONC. CURB AND GUTTER, TYPE B-6.12
  - ⑪ EXISTING P.C. CONCRETE MEDIAN SURFACE
  - ⑪A EXISTING CORRUGATED CONCRETE MEDIAN
  - ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
  - ⑫A EXISTING HOT-MIX ASPHALT SHOULDER
  - ⑬ EXISTING P.C.C. SIDEWALK
  - ⑬A EXISTING HOT-MIX ASPHALT PAVEMENT, 9"
  - ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- REMOVAL

NOTE: SEE PLAN SHEETS FOR ADDITIONAL PAVEMENT CORE INFORMATION.

1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY DIMENSIONS



REVISIONS	
NAME	DATE

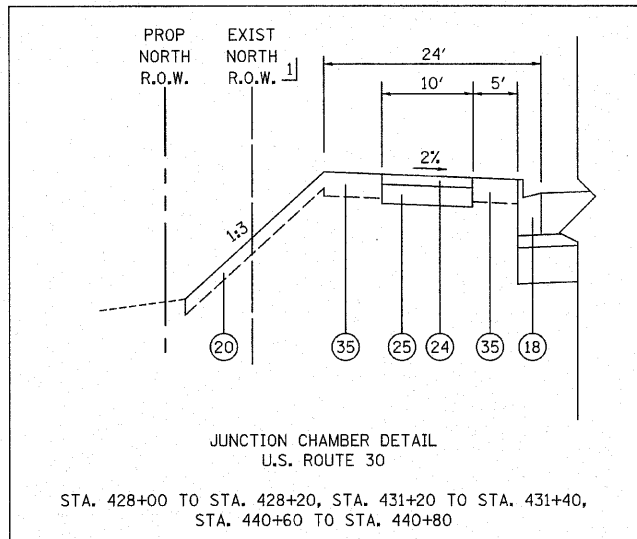
ILLINOIS DEPARTMENT OF TRANSPORTATION

**HARLEM AVENUE  
EXISTING TYPICAL SECTIONS**

SCALE: NOT TO SCALE  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

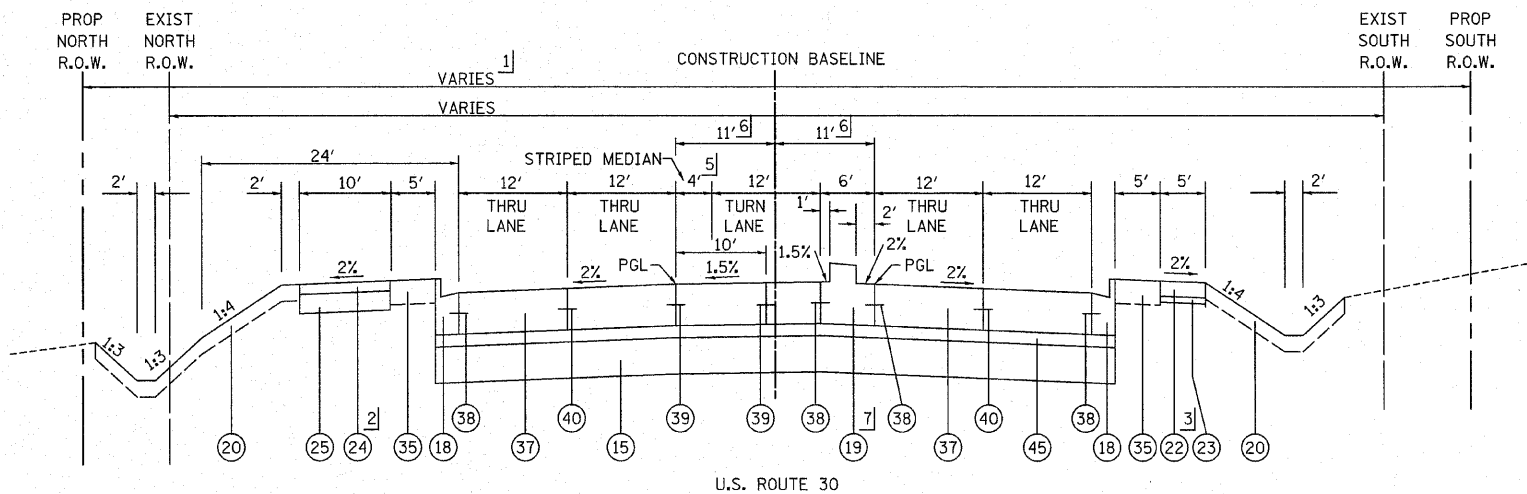
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	27
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



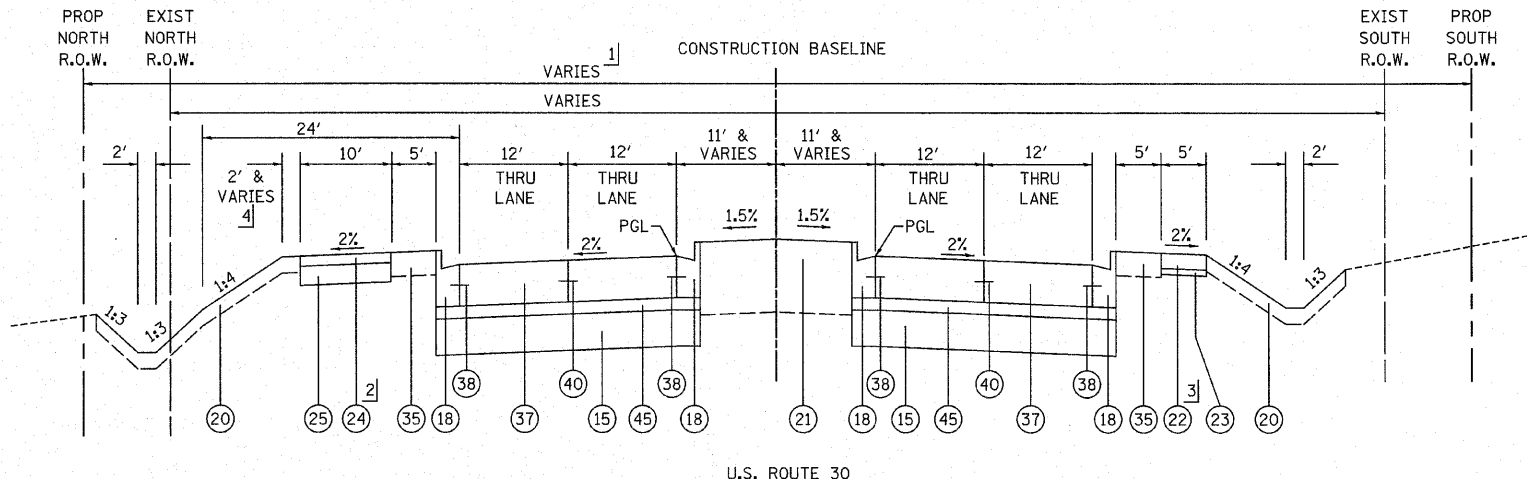
- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.
- 2] PROPOSED BIKEPATH - SEE PLAN AND PROFILE SHEETS FOR LOCATIONS REMAINING SECTIONS - GRADE FROM BACK OF CURB AT A 2% SLOPE FOR 17 FT
- 3] PROPOSED SIDEWALK - STA. 424+86 TO STA. 462+35 AND STA. 473+65 TO STA. 488+90 GRADE FROM BACK OF CURB AT 2% FOR 5 FT - STA. 559+00 TO STA. 564+00 STA. 518+80 TO STA. 520+80 - SEE SHEET NO. 301 FOR GRADING OVER CULVERT GRADE FROM BACK OF CURB AT 2% FOR 10 FT - REMAINING SECTIONS
- 4] 4' - STA. 427+80 TO STA. 431+40
- 5] 12' WIDTH STA. 572+32 TO STA. 574+03
- 6] 15' STA. 572+00 TO STA. 574+03
- 7] LANDSCAPED MEDIAN IN TURN LANE TAPER SECTIONS (WHEN B/C TO B/C IS GREATER THAN 4')

PROPOSED LEGEND

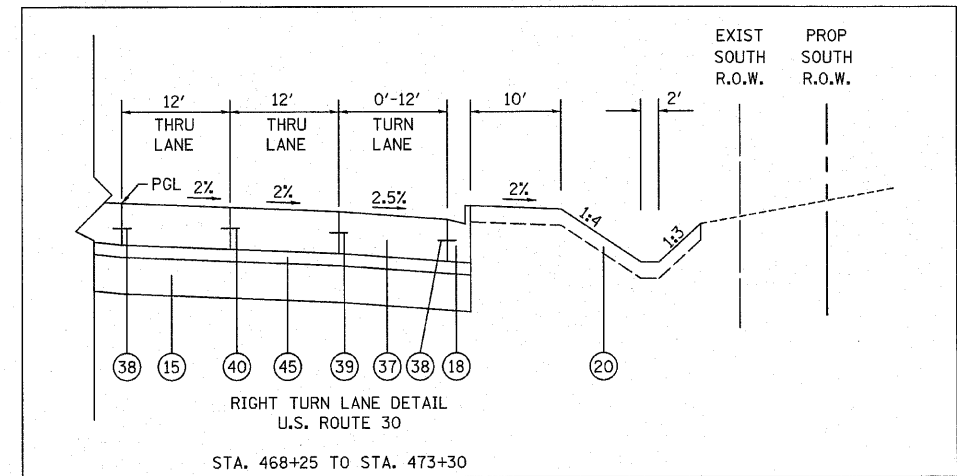
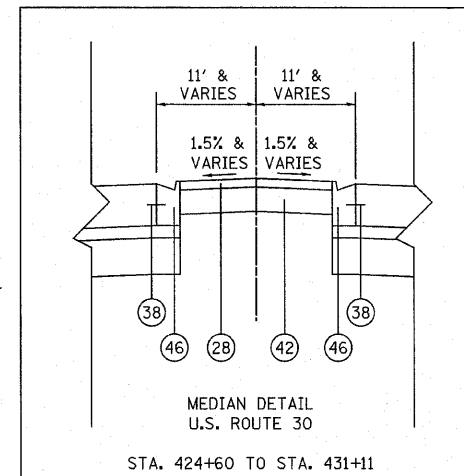
- 15] AGGREGATE SUBGRADE 12", SPECIAL (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
- 16] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 11.75"
- 17] HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- 18] COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 19] CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- 20] TOPSOIL/COMPOST PLACEMENT (SEE LANDSCAPING SHEETS FOR MATERIAL AND DEPTH)
- 21] TOPSOIL FURNISH AND PLACE, 24"
- 22] PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 23] AGGREGATE BASE COURSE, TYPE B 3"
- 24] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 3"
- 25] SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (PAY LIMITS SHALL BE AT THE BACK OF CURB OR EDGE OF PATH UNLESS OTHERWISE NOTED)
- 26] COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 27] CONCRETE MEDIAN SURFACE, 4"
- 28] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 2"
- 29] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 7"
- 30] AGGREGATE SHOULDER, TYPE B 6"
- 31] CONCRETE MEDIAN, TYPE SB-6.12
- 32] AREA REFLECTIVE CRACK CONTROL
- 33] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
- 34] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"
- 35] TOPSOIL FURNISH AND PLACE, 8"
- 36] AGGREGATE SUBGRADE, 12" (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
- 37] PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- 38] NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 24" C-C (INCLUDED IN COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24", "CORRUGATED MEDIAN", "CONCRETE MEDIAN, TYPE SB-6.12", "CONCRETE MEDIAN, TYPE SB-6.24", OR "CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)")
- 39] LONGITUDINAL CONSTRUCTION JOINT - NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) AT 24" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- 40] LONGITUDINAL SAWED JOINT - NO. 6 X 30" DEFORMED TIE BARS (EPOXY COATED) AT 30" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- 41] HOT-MIX ASPHALT BASE COURSE, 10"
- 42] HOT-MIX ASPHALT BASE COURSE, 8"
- 43] HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" (MIN)
- 44] HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- 45] STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- 46] COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24



STA. 424+60 TO STA. 429+35, STA. 431+48 TO STA. 436+27, STA. 438+14 TO STA. 442+99, STA. 451+61 TO STA. 456+41, STA. 462+65 TO STA. 467+73, STA. 473+30 TO STA. 479+55, STA. 507+74 TO STA. 508+33, STA. 516+17 TO STA. 521+08, STA. 527+00 TO STA. 532+35, STA. 533+73 TO STA. 536+30, STA. 548+86 TO STA. 550+07, STA. 558+15 TO STA. 563+10, STA. 571+74 TO STA. 574+03



STA. 429+35 TO STA. 431+48, STA. 436+27 TO STA. 438+14, STA. 442+99 TO STA. 451+61, STA. 456+41 TO STA. 462+65, STA. 467+73 TO STA. 473+30, STA. 494+91 TO STA. 495+34, STA. 513+64 TO STA. 516+17, STA. 521+08 TO STA. 522+05, STA. 532+35 TO STA. 533+73, STA. 540+18 TO STA. 540+47, STA. 550+07 TO STA. 558+15, STA. 563+10 TO STA. 571+74



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30  
 PROPOSED TYPICAL SECTIONS  
 SCALE: NOT TO SCALE  
 DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRV

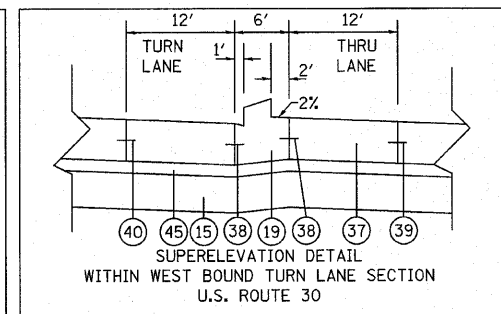
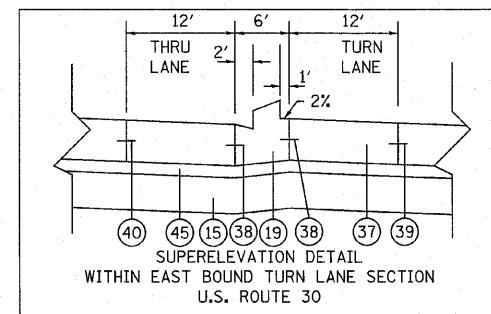
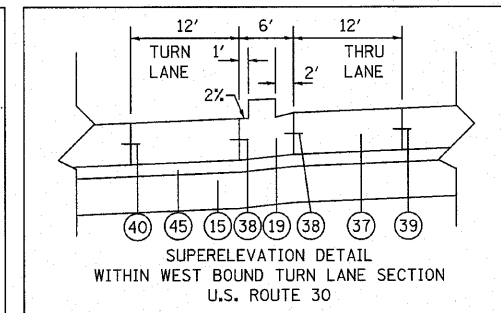
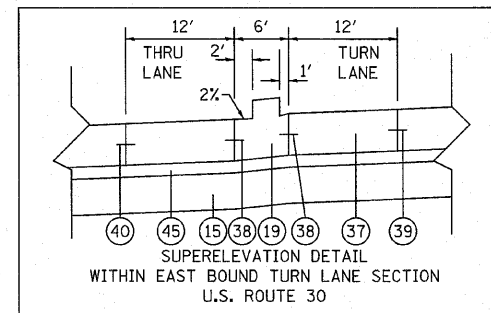
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	28
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

PROPOSED LEGEND

- (15) AGGREGATE SUBGRADE 12", SPECIAL (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
- (16) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 11.75"
- (17) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (20) TOPSOIL/COMPOST PLACEMENT (SEE LANDSCAPING SHEETS FOR MATERIAL AND DEPTH)
- (21) TOPSOIL FURNISH AND PLACE, 24"
- (22) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
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- (28) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 2"
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- (32) AREA REFLECTIVE CRACK CONTROL
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- (38) NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 24" C-C (INCLUDED IN COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24", "CORRUGATED MEDIAN", "CONCRETE MEDIAN, TYPE SB-6.12", "CONCRETE MEDIAN, TYPE SB-6.24", OR "CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)")
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- (40) LONGITUDINAL SAWED JOINT - NO. 6 X 30" DEFORMED TIE BARS (EPOXY COATED) AT 30" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- (41) HOT-MIX ASPHALT BASE COURSE, 10"
- (42) HOT-MIX ASPHALT BASE COURSE, 8"
- (43) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" (MIN)
- (44) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- (45) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- (46) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24

HICKORY CREEK BRIDGE

STA. 492+79 TO STA. 494+91  
SEE SHEETS NO. 389 TO 414



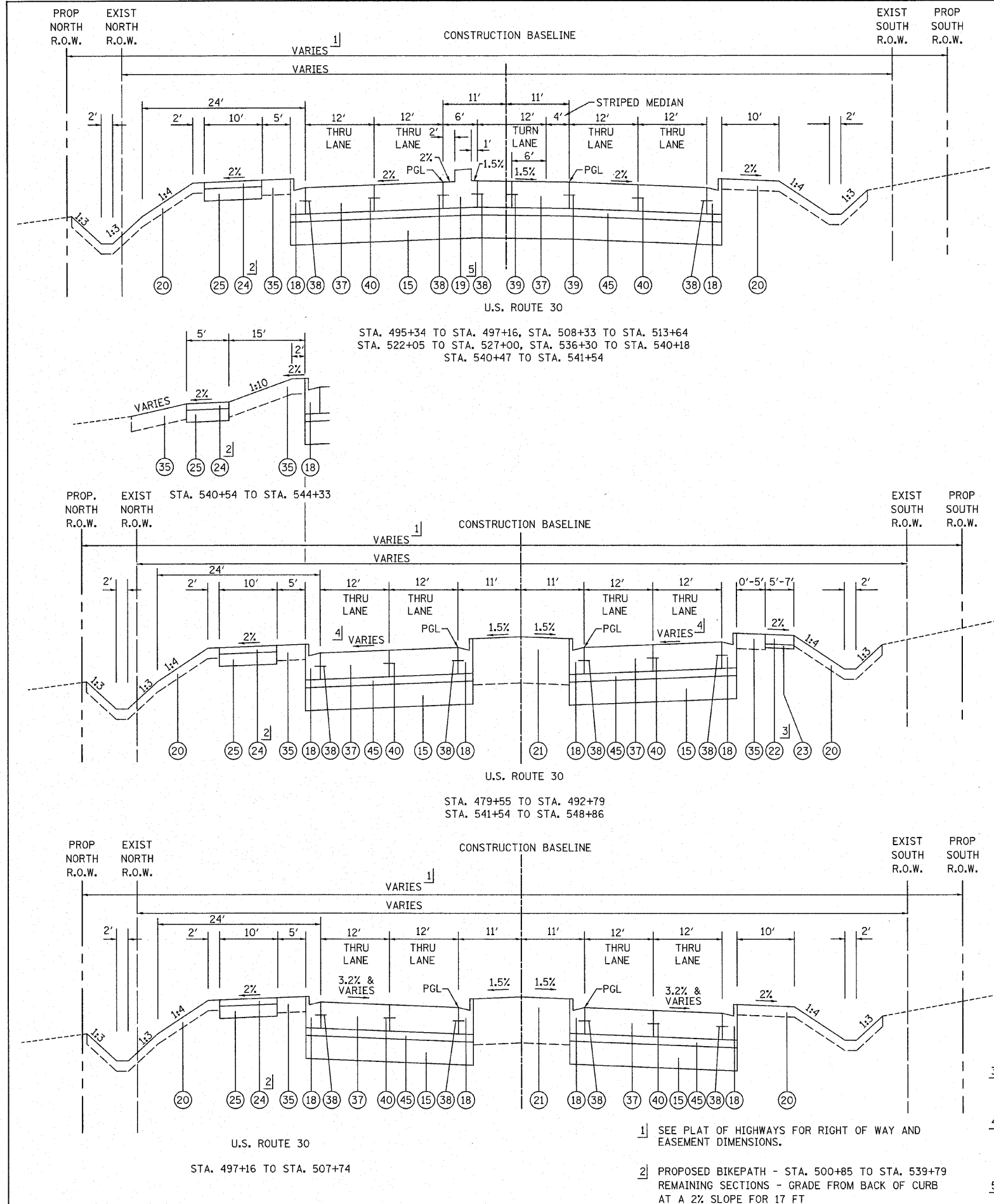
- 3] PROPOSED SIDEWALK - STA. 426+19 TO STA. 462+28 AND STA. 473+65 TO STA. 488+78  
REMAINING SECTIONS - GRADE FROM BACK OF CURB AT A 2% SLOPE FOR 10 FT
- 4] SEE SHEET NO. 287-288 AND 291-292 FOR SUPERELEVATION DETAILS, INCLUDING GUTTER SLOPES  
STA. 479+55 TO STA. 492+79 - e MAX = 2.3%  
STA. 541+54 TO STA. 548+86 - e MAX = 2.7%
- 5] LANDSCAPED MEDIAN IN TURN LANE TAPER SECTIONS (WHEN B/C TO B/C IS GREATER THAN 4')

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
PROPOSED TYPICAL SECTIONS

SCALE: NOT TO SCALE  
DATE 6/11/2010  
DRAWN BY DJK  
CHECKED BY JRV



- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.
- 2] PROPOSED BIKEPATH - STA. 500+85 TO STA. 539+79  
REMAINING SECTIONS - GRADE FROM BACK OF CURB AT A 2% SLOPE FOR 17 FT

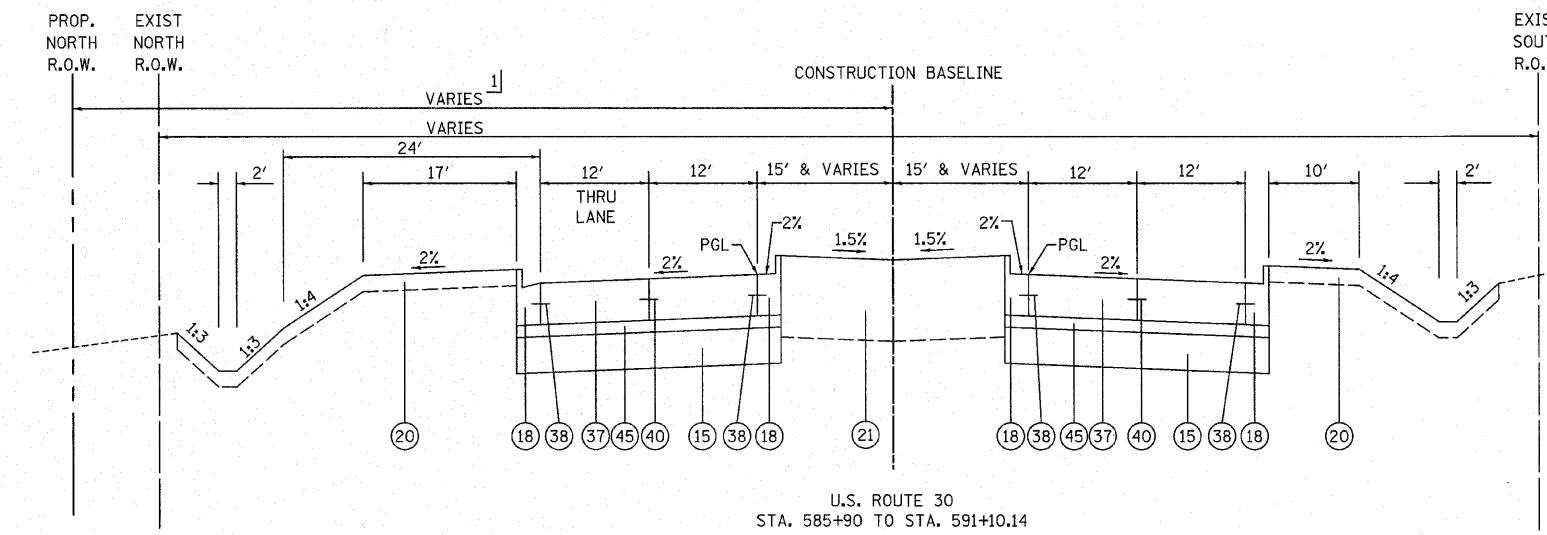
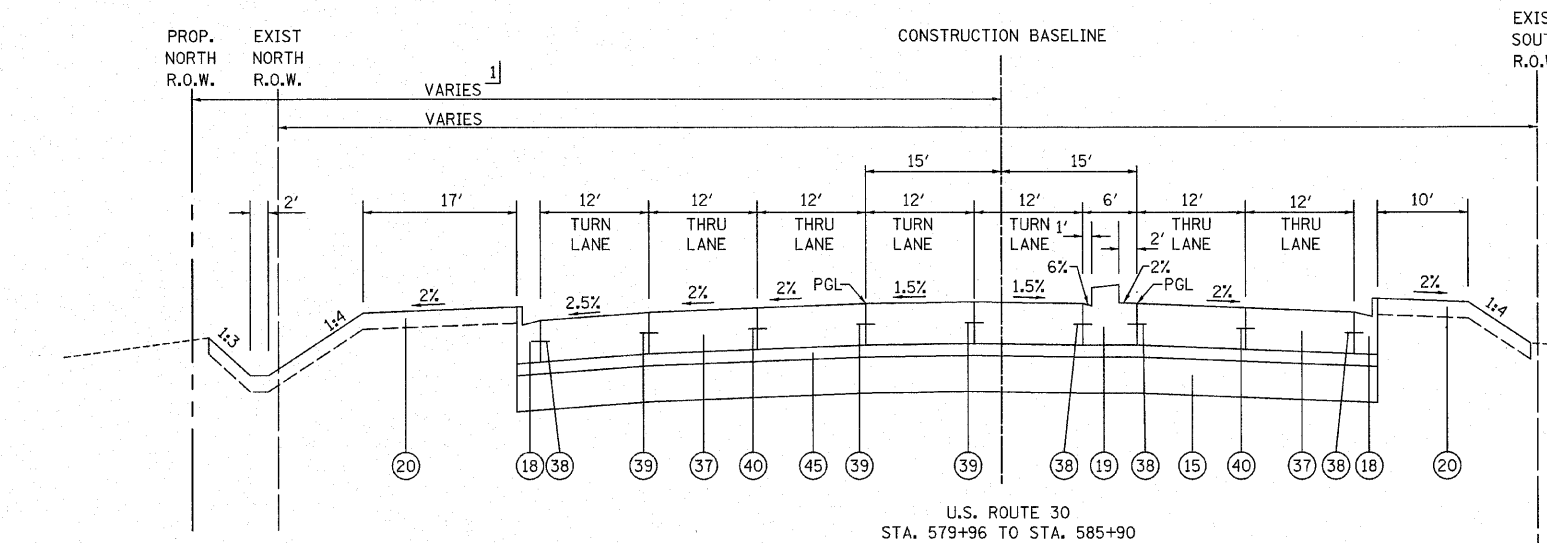
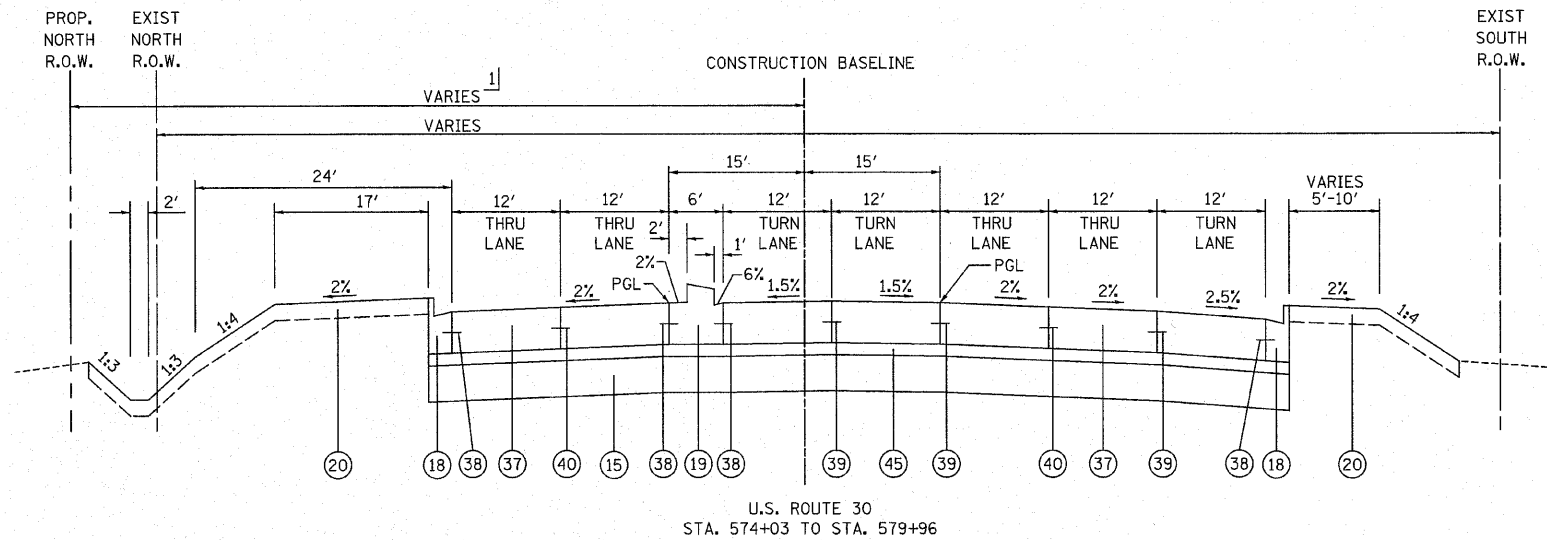
U.S. ROUTE 30  
STA. 497+16 TO STA. 507+74

STA. 495+34 TO STA. 497+16, STA. 508+33 TO STA. 513+64  
STA. 522+05 TO STA. 527+00, STA. 536+30 TO STA. 540+18  
STA. 540+47 TO STA. 541+54

STA. 479+55 TO STA. 492+79  
STA. 541+54 TO STA. 548+86

STA. 540+54 TO STA. 544+33

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	29
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

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- (19) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
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- (22) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
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- (40) LONGITUDINAL SAWS JOINT - NO. 6 X 30" DEFORMED TIE BARS (EPOXY COATED) AT 30" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- (41) HOT-MIX ASPHALT BASE COURSE, 10"
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- (44) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- (45) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- (46) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR  
US ROUTE 30 - US 45 TO IL 43

STRUCTURAL TRAFFIC:	YEAR 2021
PV = 21,289	SU = 1,118 MU = 883
ROAD/STREET CLASSIFICATION:	CLASS 1
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 7.00
	MINIMUM TF = 6.03
EDGE SUPPORT CONDITION:	TIED CURB & GUTTER
SUBGRADE SUPPORT RATING:	SSR = POOR (STA. 424+60 TO STA. 591+10.14)

NOTE: THE PROPOSED PAVEMENT ON US ROUTE 30 SHALL BE CONSTRUCTED FOR A 30 YEAR DESIGN LIFE - SEE SPECIAL PROVISION "EXTENDED LIFE CONCRETE PAVEMENT (30 YEAR) (DISTRICT ONE)" FOR ADDITIONAL REQUIREMENTS.

1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
PROPOSED TYPICAL SECTIONS

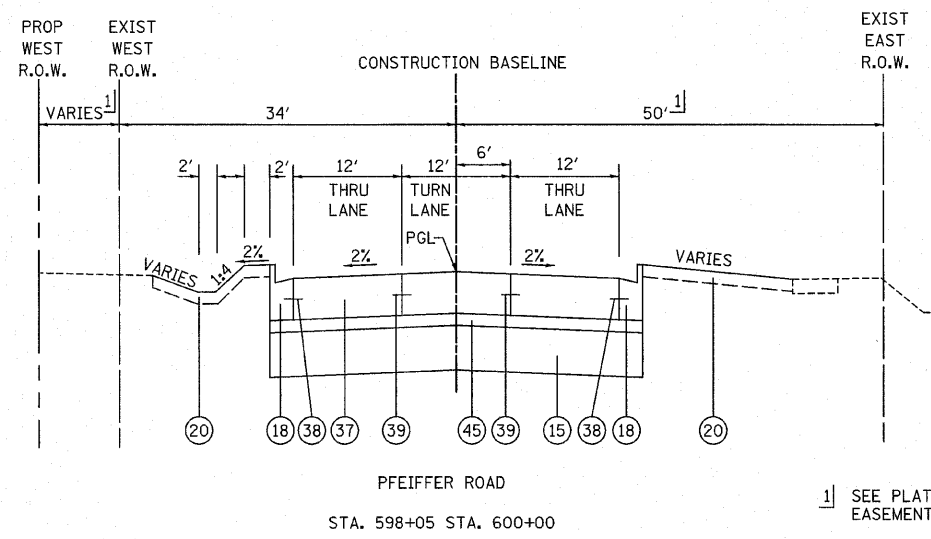
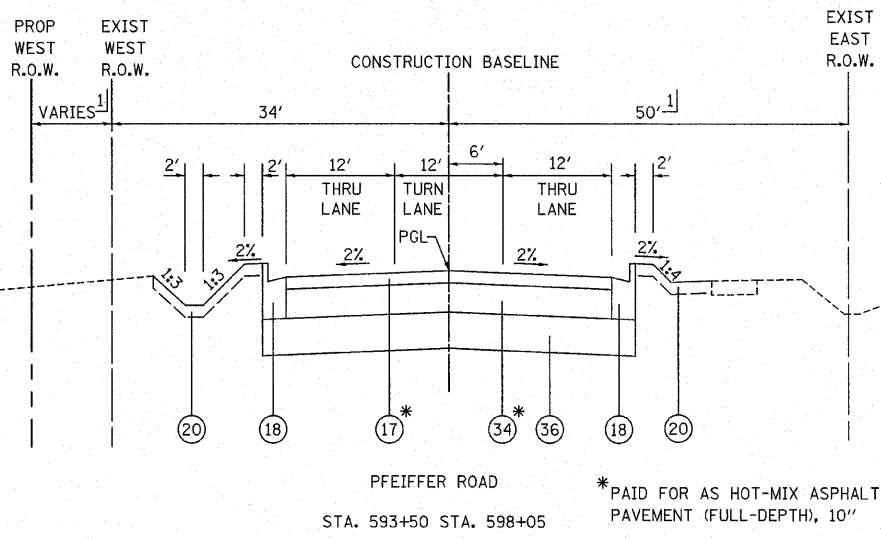
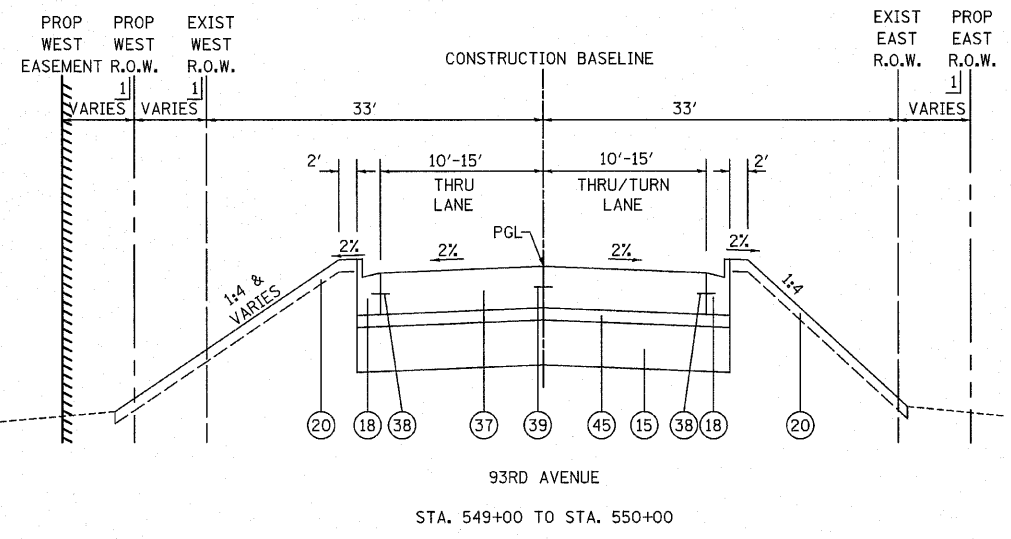
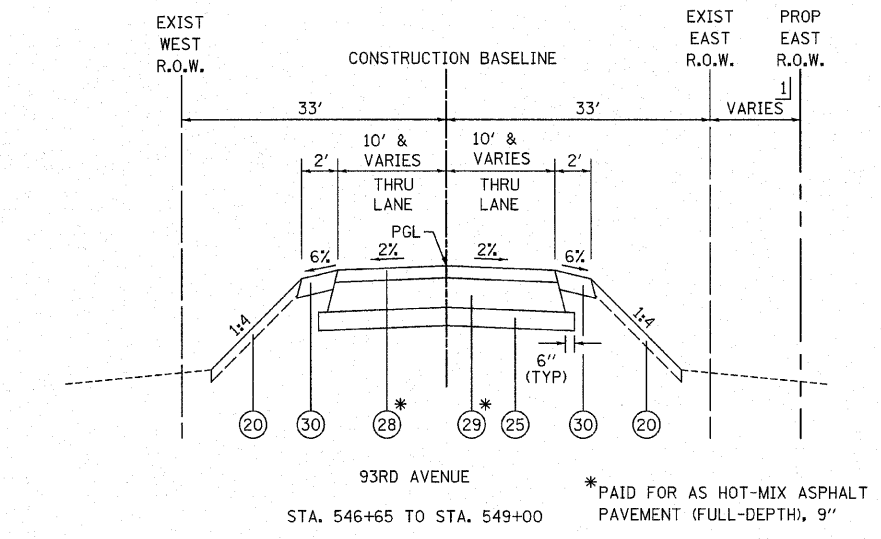
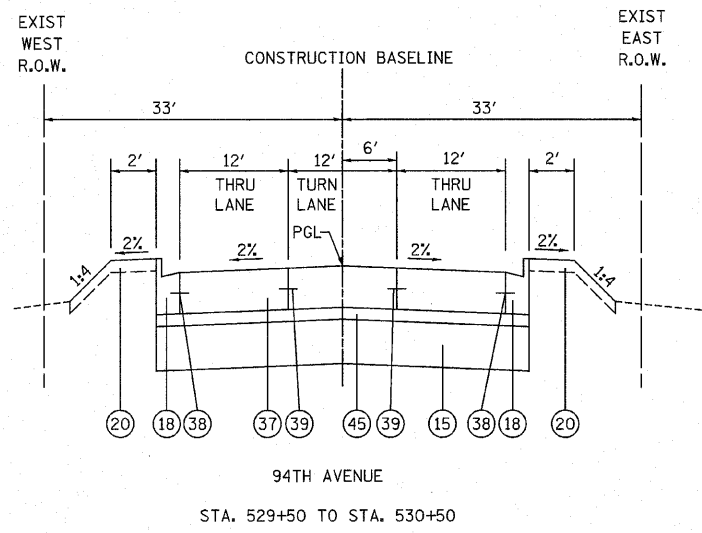
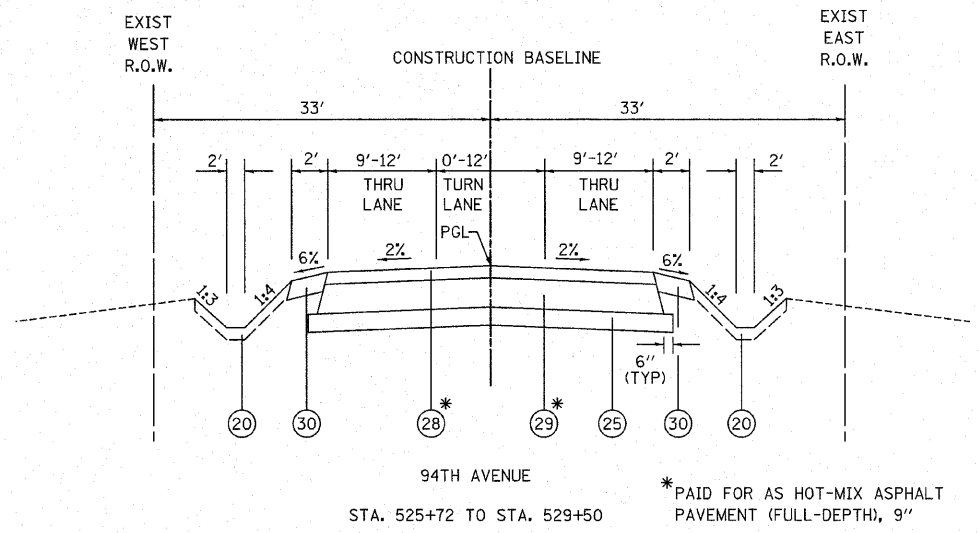
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DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	30
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

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- (32) AREA REFLECTIVE CRACK CONTROL
- (33) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
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- (46) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24



PAVEMENT DESIGN:  
VILLAGE OF FRANKFORT PAVEMENT DESIGN STANDARDS SHALL BE USED ON ALL SIDE ROADS EXCEPT IL ROUTE 43 (HARLEM AVENUE).

1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIDE STREETS  
PROPOSED TYPICAL SECTIONS

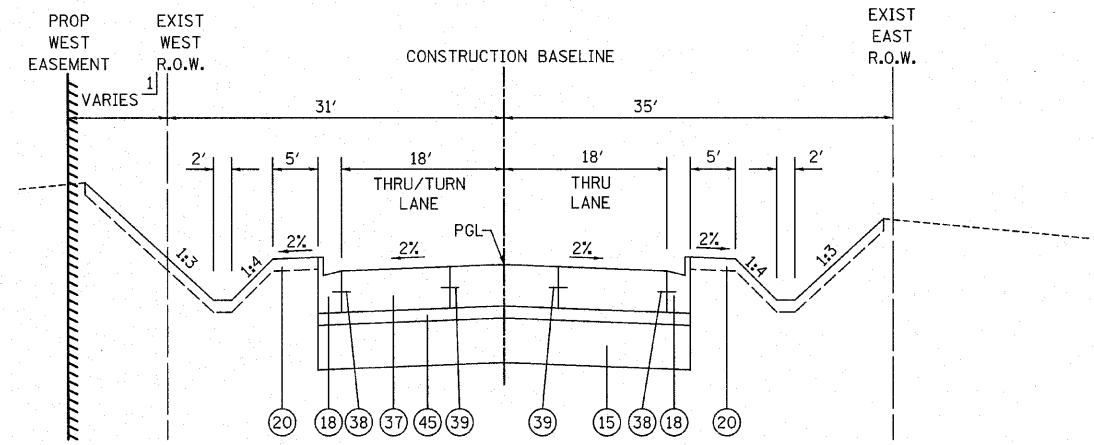
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DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

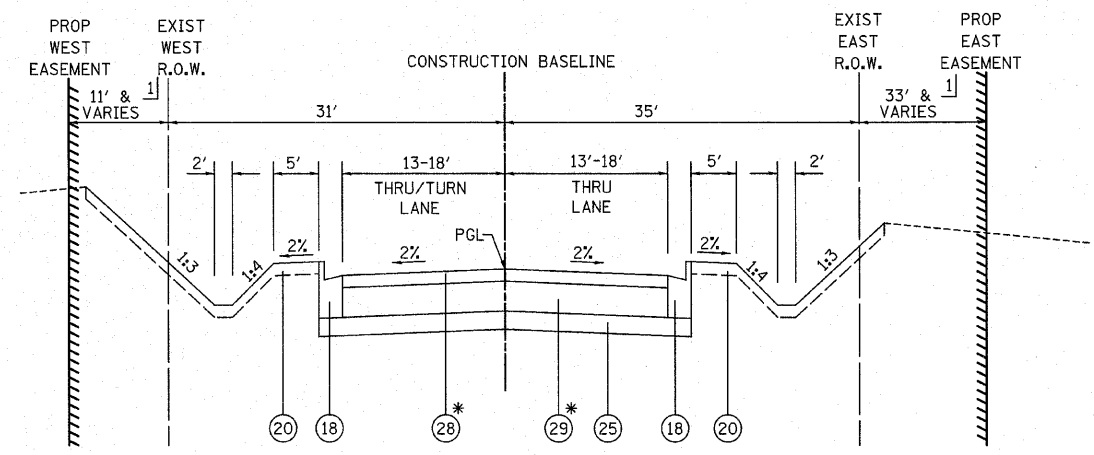


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	31
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAVEMENT DESIGN:  
VILLAGE OF FRANKFORT PAVEMENT DESIGN STANDARDS SHALL BE USED ON ALL SIDE ROADS EXCEPT IL ROUTE 43 (HARLEM AVENUE).



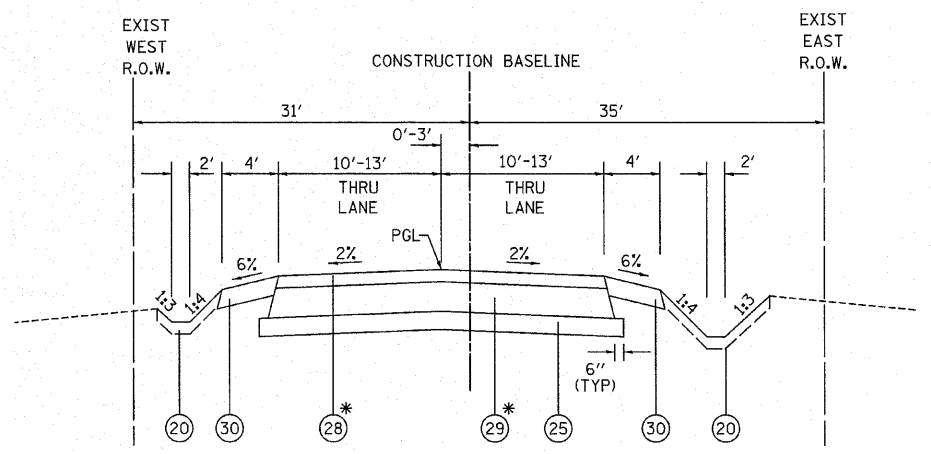
84TH AVENUE  
STA. 700+00 TO STA. 700+88



84TH AVENUE  
STA. 700+88 TO STA. 703+05

\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"

1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.



84TH AVENUE  
STA. 703+05 TO STA. 703+67.22

\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"

PROPOSED LEGEND

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- 33 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
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- 38 NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 24" C-C (INCLUDED IN COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24", "CORRUGATED MEDIAN", "CONCRETE MEDIAN, TYPE SB-6.12", "CONCRETE MEDIAN, TYPE SB-6.24", OR "CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)")
- 39 LONGITUDINAL CONSTRUCTION JOINT - NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) AT 24" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- 40 LONGITUDINAL SAWED JOINT - NO. 6 X 30" DEFORMED TIE BARS (EPOXY COATED) AT 30" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- 41 HOT-MIX ASPHALT BASE COURSE, 10"
- 42 HOT-MIX ASPHALT BASE COURSE, 8"
- 43 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" (MIN)
- 44 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- 45 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- 46 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24

1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.

REVISIONS	
NAME	DATE

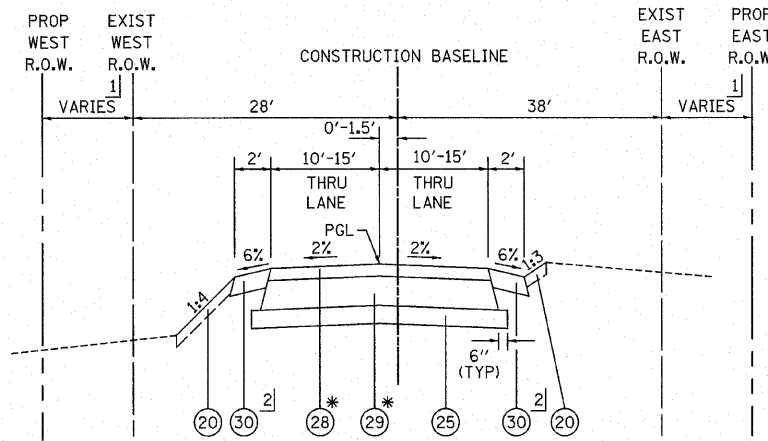
ILLINOIS DEPARTMENT OF TRANSPORTATION

SIDE STREETS  
PROPOSED TYPICAL SECTIONS

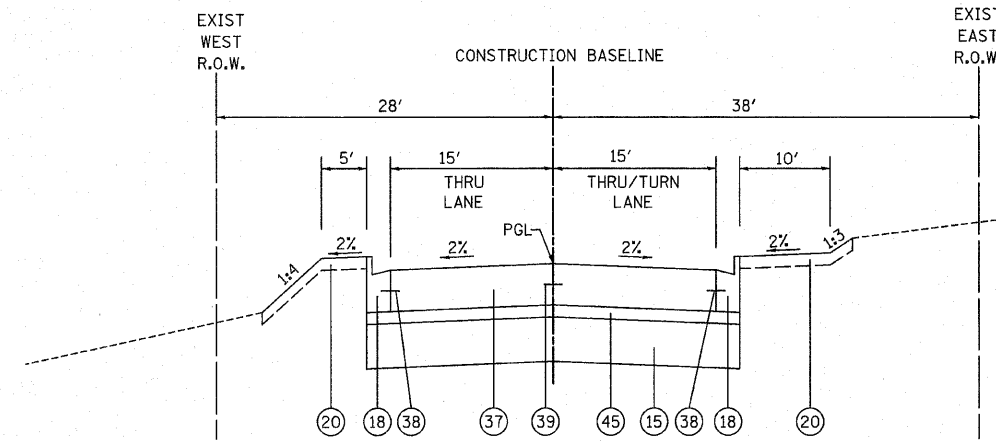
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DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	32
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

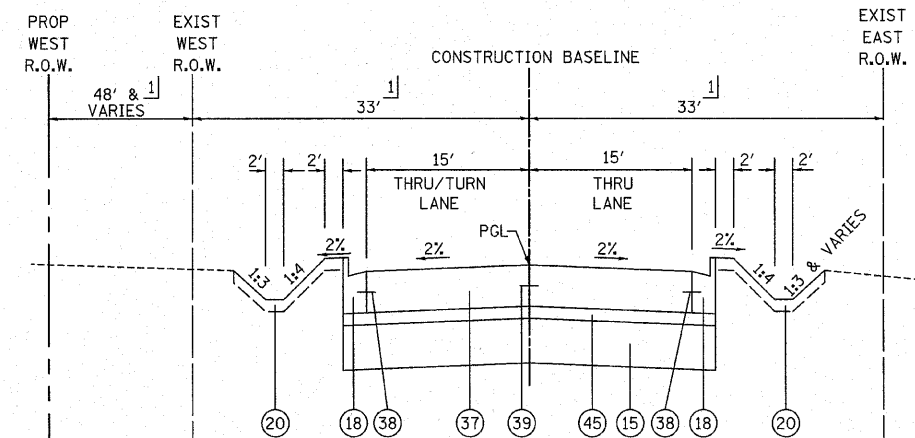


RIVER ROAD  
STA. 97+98 TO STA. 98+93  
\*PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"

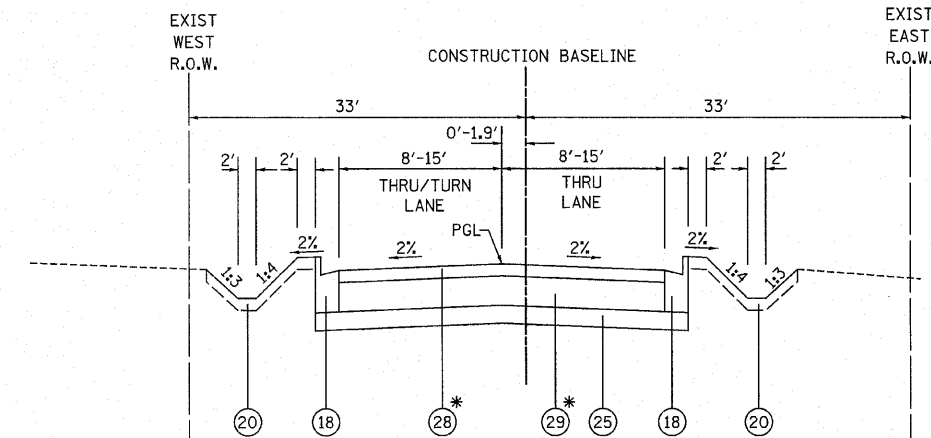


RIVER ROAD  
STA. 98+93 TO STA. 100+00

- PROPOSED LEGEND
- 15 AGGREGATE SUBGRADE 12", SPECIAL (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
  - 16 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 11.75"
  - 17 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
  - 18 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - 19 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
  - 20 TOPSOIL/COMPOST PLACEMENT (SEE LANDSCAPING SHEETS FOR MATERIAL AND DEPTH)
  - 21 TOPSOIL FURNISH AND PLACE, 24"
  - 22 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
  - 23 AGGREGATE BASE COURSE, TYPE B 3"
  - 24 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 3"
  - 25 SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (PAY LIMITS SHALL BE AT THE BACK OF CURB OR EDGE OF PATH UNLESS OTHERWISE NOTED)
  - 26 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - 27 CONCRETE MEDIAN SURFACE, 4"
  - 28 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 2"
  - 29 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 7"
  - 30 AGGREGATE SHOULDER, TYPE B 6"
  - 31 CONCRETE MEDIAN, TYPE SB-6.12
  - 32 AREA REFLECTIVE CRACK CONTROL
  - 33 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
  - 34 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"
  - 35 TOPSOIL FURNISH AND PLACE, 8"
  - 36 AGGREGATE SUBGRADE, 12" (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
  - 37 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
  - 38 NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 24" C-C (INCLUDED IN COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24", "CORRUGATED MEDIAN", "CONCRETE MEDIAN, TYPE SB-6.12", "CONCRETE MEDIAN, TYPE SB-6.24", OR "CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)")
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  - 43 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" (MIN)
  - 44 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
  - 45 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
  - 46 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24

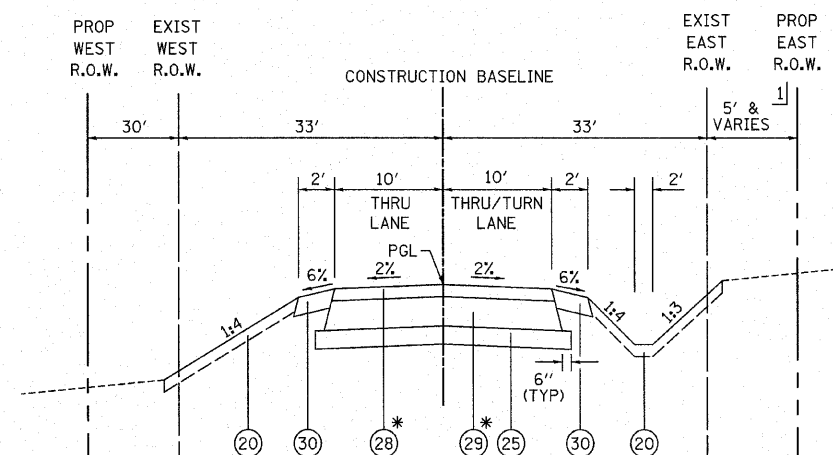


82ND AVENUE  
STA. 200+00 TO STA. 201+07

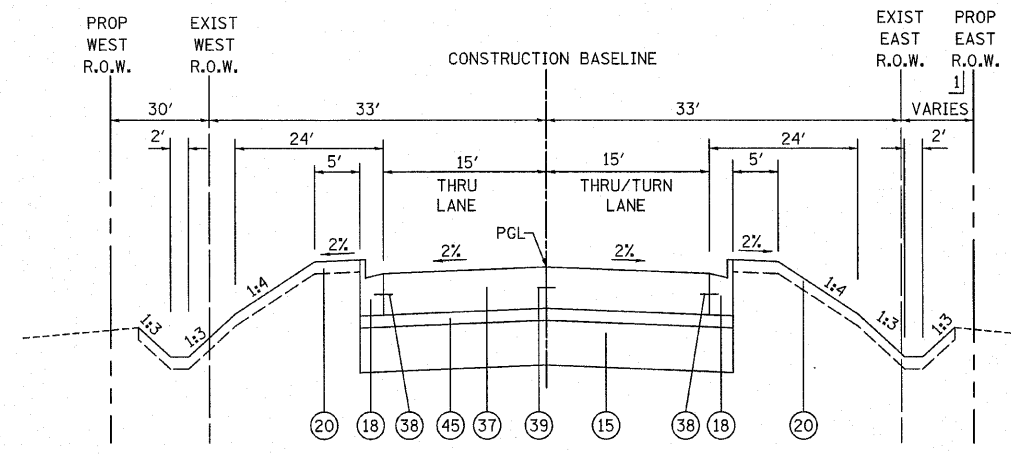


82ND AVENUE  
STA. 201+07 TO STA. 202+38

\*PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"



HILLSIDE ROAD  
STA. 745+30 TO STA. 748+93  
\*PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"



HILLSIDE ROAD  
STA. 748+93 TO STA. 750+00

PAVEMENT DESIGN:  
VILLAGE OF FRANKFORT PAVEMENT DESIGN STANDARDS SHALL BE USED ON ALL SIDE ROADS EXCEPT IL ROUTE 43 (HARLEM AVENUE).

- 1) SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.
- 2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 STA. 98+38 TO STA. 98+93

REVISIONS	
NAME	DATE

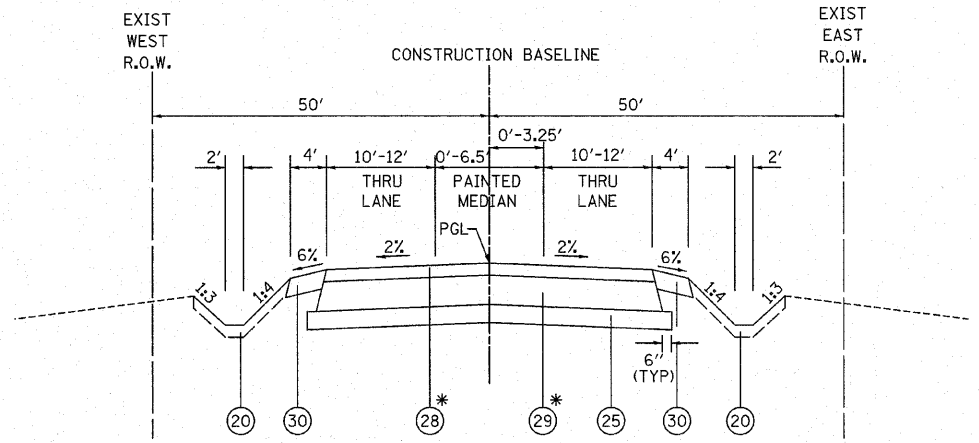
ILLINOIS DEPARTMENT OF TRANSPORTATION

SIDE STREETS  
PROPOSED TYPICAL SECTIONS

SCALE: NOT TO SCALE  
DATE 6/11/2010

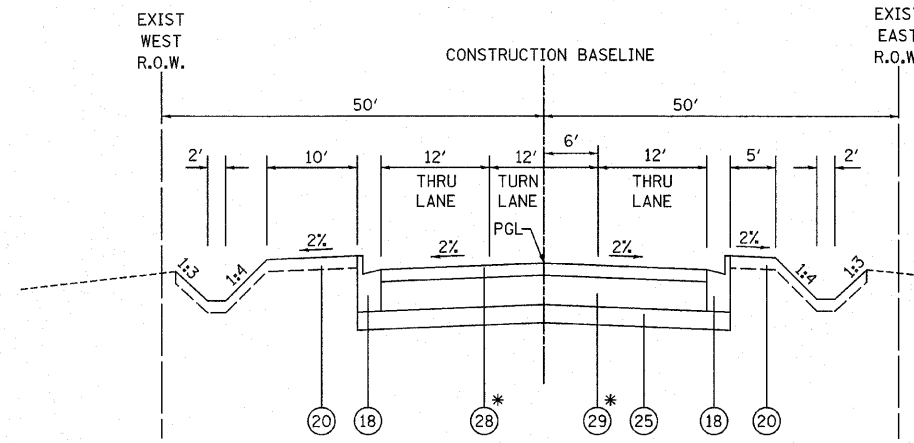
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CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	33
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



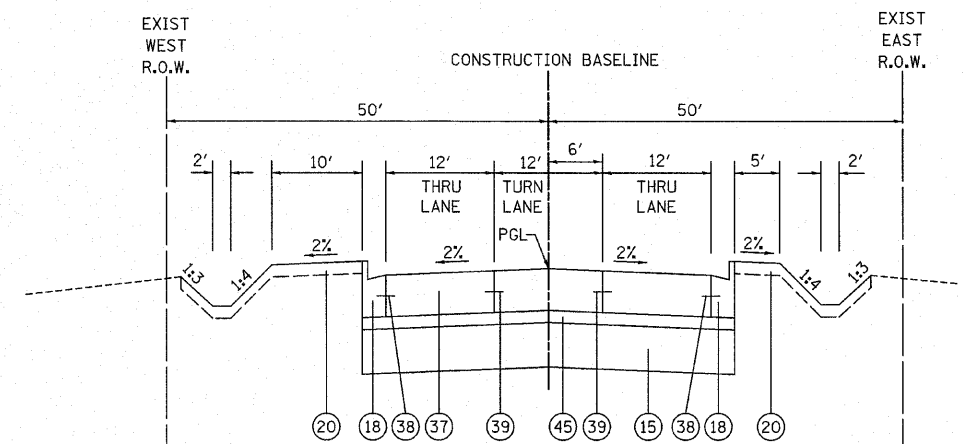
80TH AVENUE  
 STA. 794+89.46 TO STA. 796+65  
 STA. 802+20 TO STA. 804+25.34

\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"



80TH AVENUE  
 STA. 796+65 TO STA. 798+46  
 STA. 801+54 TO STA. 802+20

\* PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"



80TH AVENUE  
 STA. 798+46 TO STA. 801+54

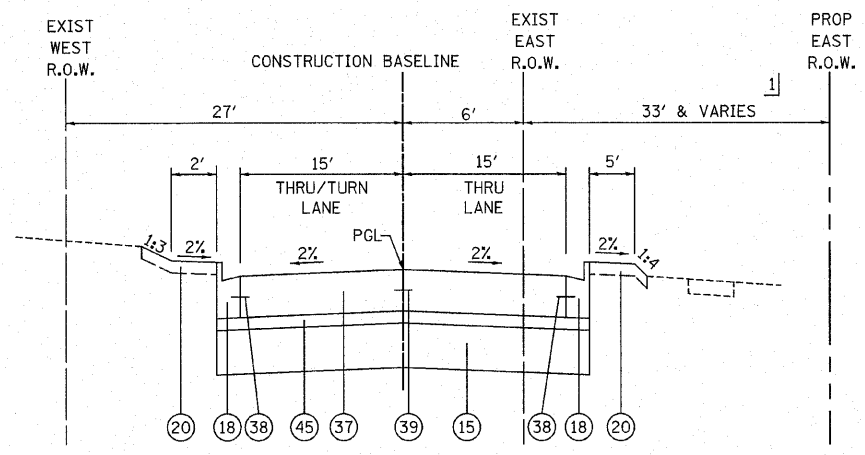
- PROPOSED LEGEND
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  - 33 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
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  - 46 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24

PAVEMENT DESIGN:  
 VILLAGE OF FRANKFORT PAVEMENT DESIGN STANDARDS SHALL BE USED ON ALL SIDE ROADS EXCEPT IL ROUTE 43 (HARLEM AVENUE).

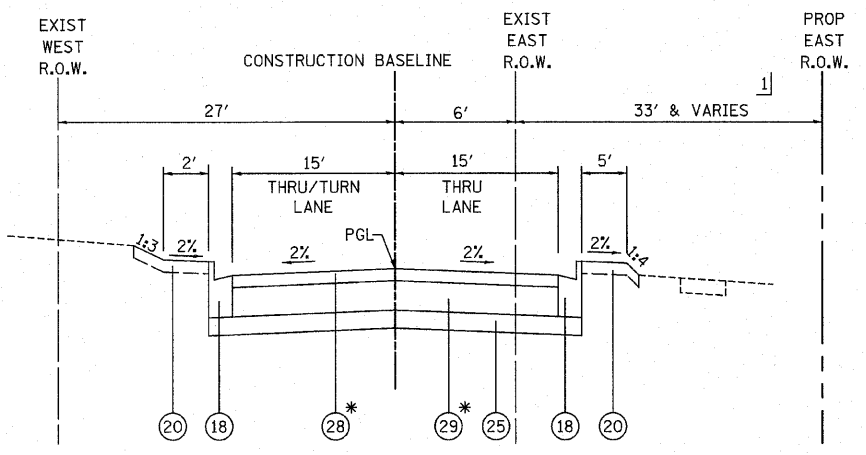
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SIDE STREETS PROPOSED TYPICAL SECTIONS

SCALE: NOT TO SCALE  
 DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRV

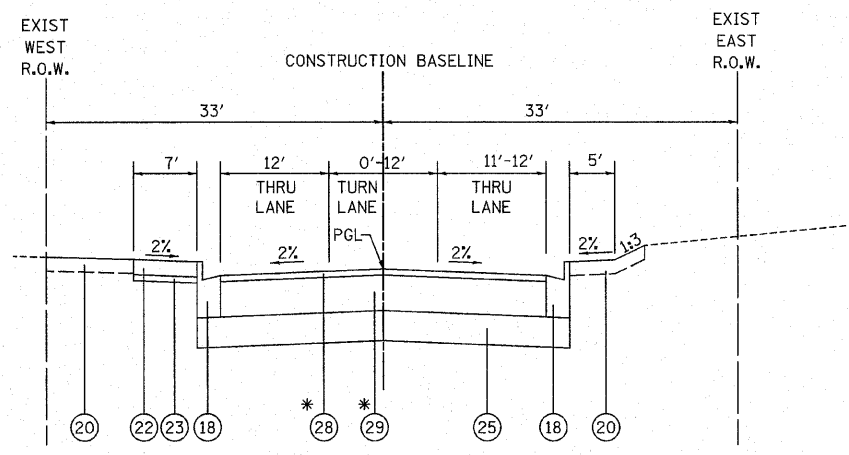
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	34
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



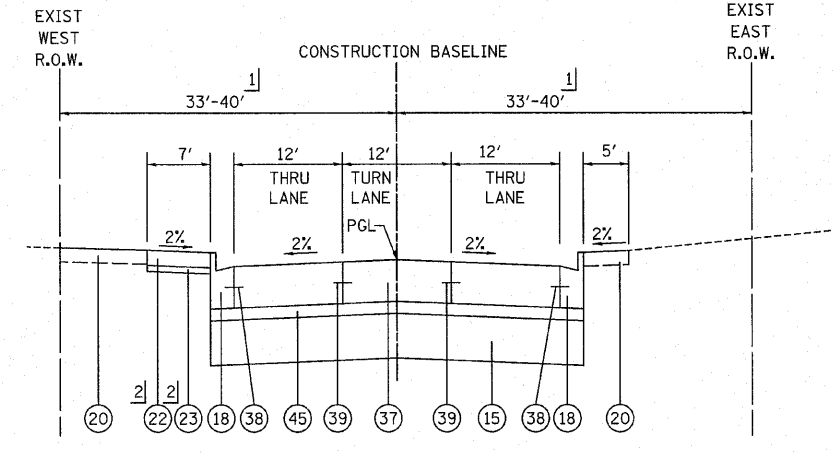
78TH AVENUE  
STA. 299+99.61 TO STA. 300+92



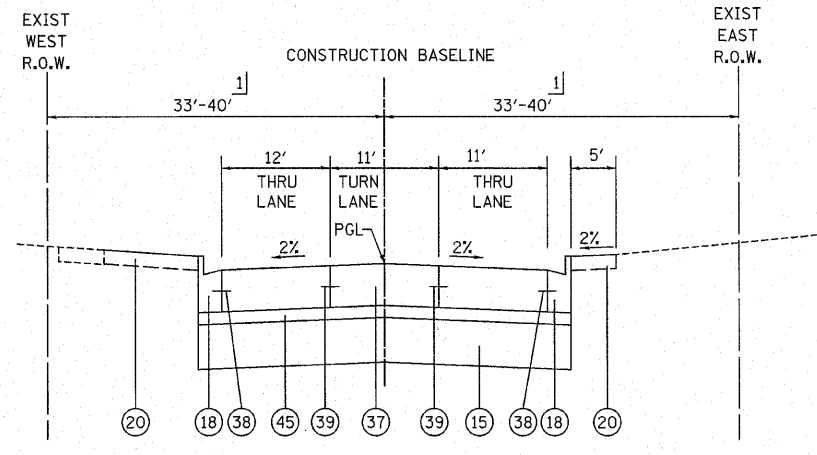
78TH AVENUE  
STA. 300+92 TO STA. 301+79  
\*PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"



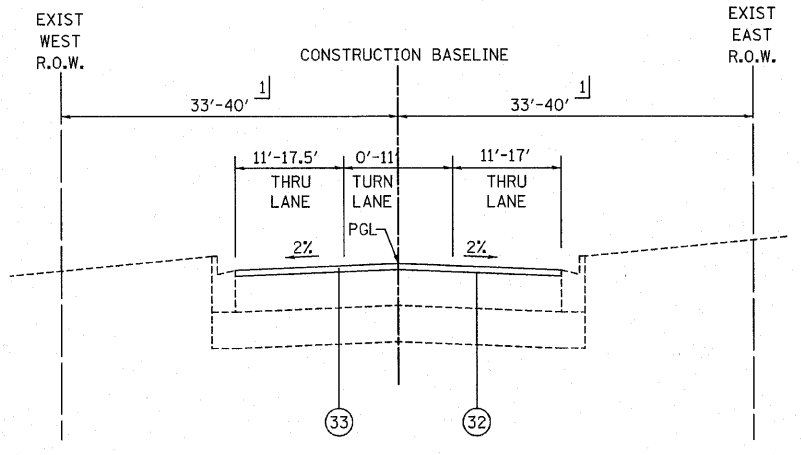
HUNTER WOODS DRIVE  
STA. 896+93 TO STA. 898+97  
\*PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"



HUNTER WOODS DRIVE  
STA. 898+97 TO STA. 900+00



FRANKFORT SQUARE ROAD  
STA. 900+00 TO STA. 901+58.16



HUNTER WOODS DRIVE/FRANKFORT SQUARE ROAD  
STA. 896+32.18 TO STA. 896+93  
STA. 901+58.16 TO STA. 903+86

PAVEMENT DESIGN:  
VILLAGE OF FRANKFORT PAVEMENT DESIGN STANDARDS SHALL BE USED ON ALL SIDE ROADS EXCEPT IL ROUTE 43 (HARLEM AVENUE).

PROPOSED LEGEND

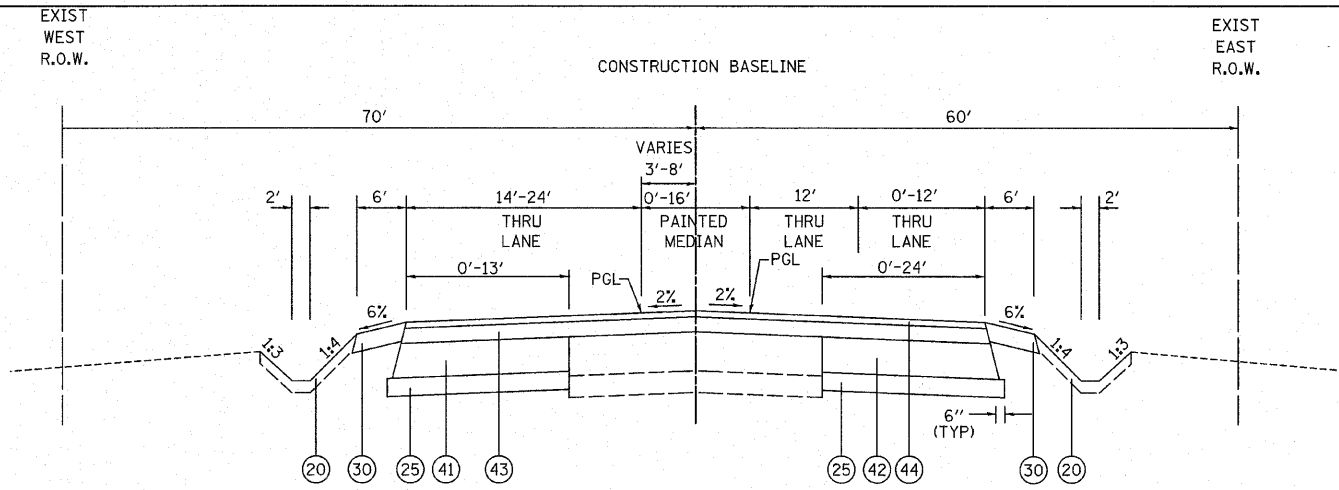
- (15) AGGREGATE SUBGRADE 12", SPECIAL (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
- (16) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 11.75"
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- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (20) TOPSOIL/COMPOST PLACEMENT (SEE LANDSCAPING SHEETS FOR MATERIAL AND DEPTH)
- (21) TOPSOIL FURNISH AND PLACE, 24"
- (22) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (23) AGGREGATE BASE COURSE, TYPE B 3"
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- (25) SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (PAY LIMITS SHALL BE AT THE BACK OF CURB OR EDGE OF PATH UNLESS OTHERWISE NOTED)
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- (27) CONCRETE MEDIAN SURFACE, 4"
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- (29) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 7"
- (30) AGGREGATE SHOULDER, TYPE B 6"
- (31) CONCRETE MEDIAN, TYPE SB-6.12
- (32) AREA REFLECTIVE CRACK CONTROL
- (33) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
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- (38) NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 24" C-C (INCLUDED IN COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24", "CORRUGATED MEDIAN", "CONCRETE MEDIAN, TYPE SB-6.12", "CONCRETE MEDIAN, TYPE SB-6.24", OR "CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)")
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- (40) LONGITUDINAL SAWED JOINT - NO. 6 X 30" DEFORMED TIE BARS (EPOXY COATED) AT 30" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
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- (45) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- (46) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24

- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.
- 2] NO SIDEWALK STA. 896+96 TO STA. 897+87 AND STA. 900+00 TO STA. 901+58

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SIDE STREETS PROPOSED TYPICAL SECTIONS

SCALE: NOT TO SCALE  
DATE 6/11/2010  
DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	35
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

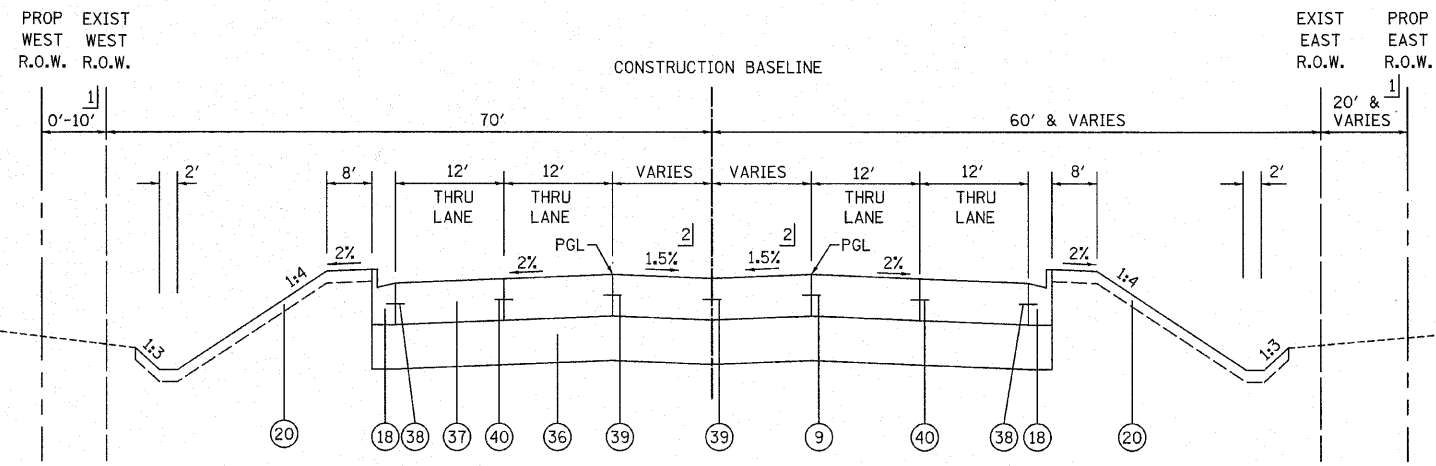


HARLEM AVENUE  
STA. 981+31.38 TO STA. 988+21

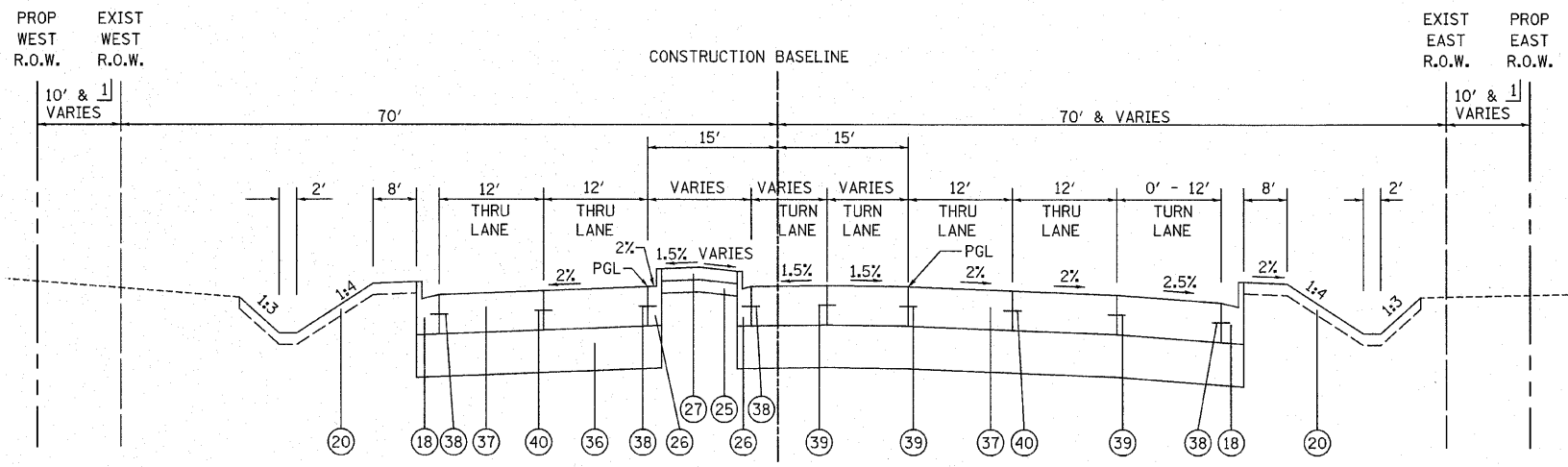
NOTE:  
HMA BASE COURSE SHALL BE PLACED MATCHING THE EXISTING EDGE OF PAVEMENT ELEVATION (FOR USE AS TEMPORARY LANES). PRIOR TO PLACEMENT OF HMA BINDER COURSE, THE ENTIRE WIDTH OF THE PAVEMENT SHALL BE MILLED USING "HMA SURFACE COURSE REMOVAL, VARIABLE DEPTH".

PROPOSED LEGEND

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- (22) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
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- (46) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24



HARLEM AVENUE  
STA. 988+21 TO STA. 994+06



HARLEM AVENUE  
STA. 994+06 TO STA. 997+06

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR HARLEM AVENUE

STRUCTURAL TRAFFIC:	YEAR 2021
PV = 24,859	SU = 1,336 MU = 535
ROAD/STREET CLASSIFICATION:	CLASS 1
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 5.11
	MINIMUM TF = 6.03
EDGE SUPPORT CONDITION:	TIED CURB & GUTTER
SUBGRADE SUPPORT RATING:	SSR = POOR (STA. 988+21 TO STA. 1011+85)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

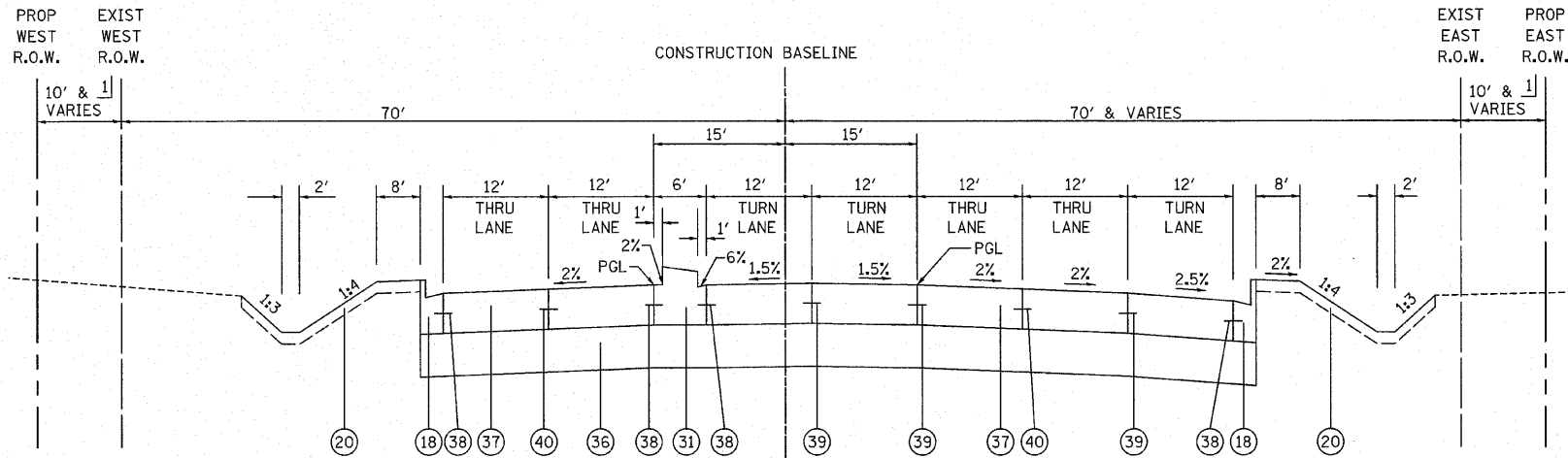
HARLEM AVENUE  
PROPOSED TYPICAL SECTIONS

SCALE: NOT TO SCALE  
DATE 6/11/2010

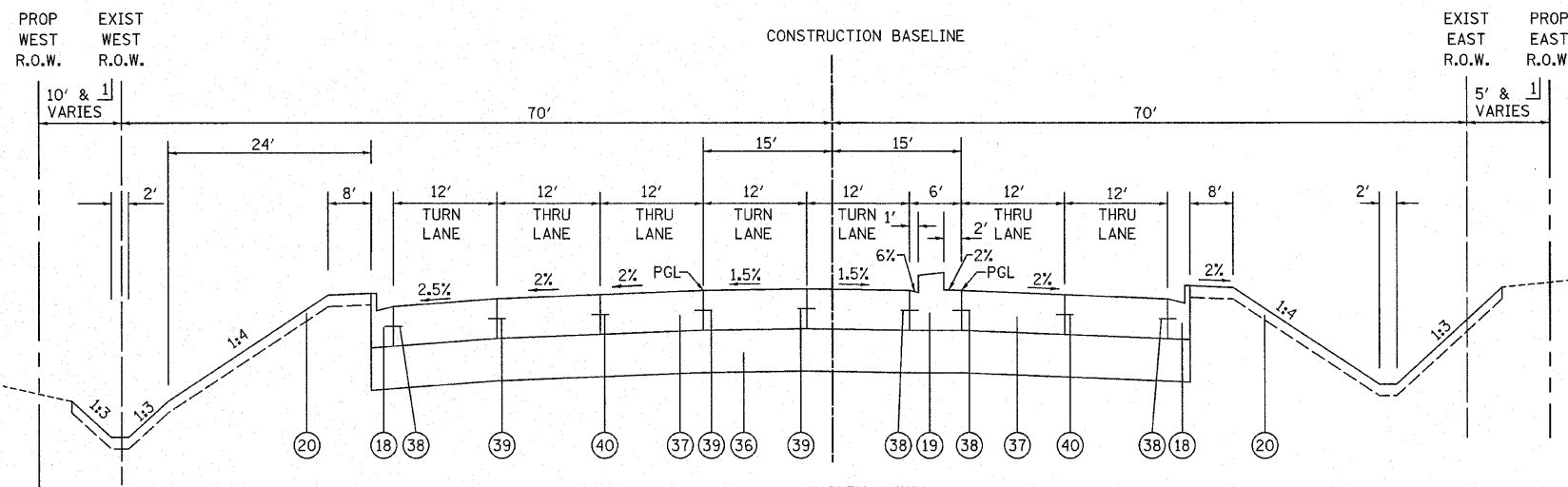
DRAWN BY DJK  
CHECKED BY JRV

- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.
- 2] TRANSITION FROM PITCHING OUT AT 1.5% TO PITCHING IN AT 1.5% FROM STA. 988+21 TO STA. 989+00

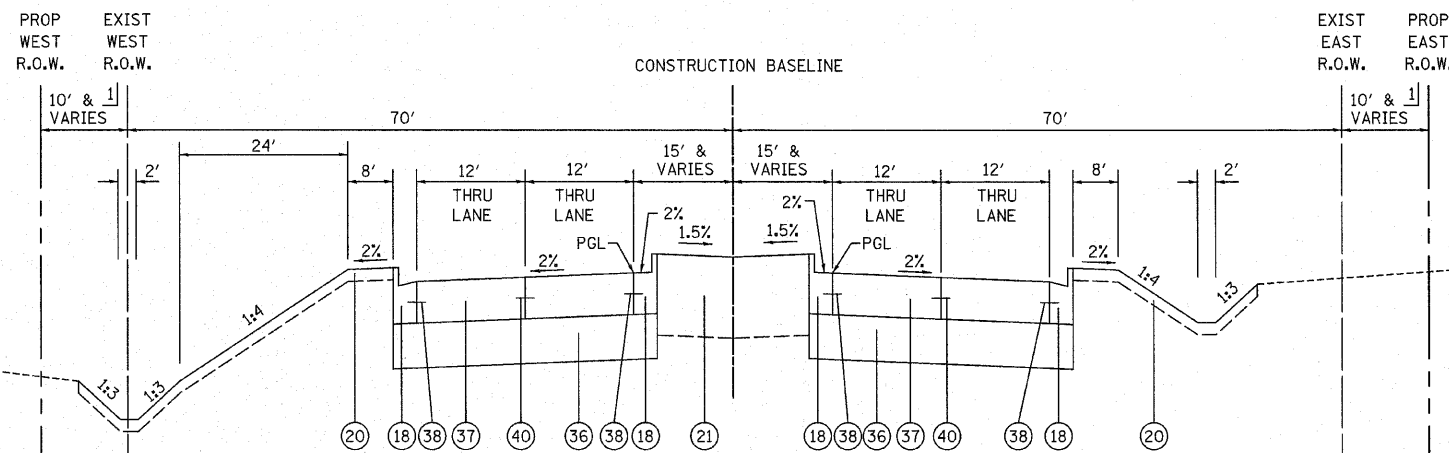
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	36
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HARLEM AVENUE  
STA. 997+06 TO STA. 1000+00



HARLEM AVENUE  
STA. 1000+00 TO STA. 1006+30



HARLEM AVENUE  
STA. 1006+30 TO STA. 1011+84.62

- PROPOSED LEGEND
- 15 AGGREGATE SUBGRADE 12", SPECIAL (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
  - 16 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 11.75"
  - 17 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
  - 18 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - 19 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
  - 20 TOPSOIL/COMPOST PLACEMENT (SEE LANDSCAPING SHEETS FOR MATERIAL AND DEPTH)
  - 21 TOPSOIL FURNISH AND PLACE, 24"
  - 22 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
  - 23 AGGREGATE BASE COURSE, TYPE B 3"
  - 24 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 3"
  - 25 SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (PAY LIMITS SHALL BE AT THE BACK OF CURB OR EDGE OF PATH UNLESS OTHERWISE NOTED)
  - 26 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - 27 CONCRETE MEDIAN SURFACE, 4"
  - 28 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 2"
  - 29 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 7"
  - 30 AGGREGATE SHOULDER, TYPE B 6"
  - 31 CONCRETE MEDIAN, TYPE SB-6.12
  - 32 AREA REFLECTIVE CRACK CONTROL
  - 33 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
  - 34 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"
  - 35 TOPSOIL FURNISH AND PLACE, 8"
  - 36 AGGREGATE SUBGRADE, 12" (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
  - 37 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
  - 38 NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 24" C-C (INCLUDED IN COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24", "CORRUGATED MEDIAN", "CONCRETE MEDIAN, TYPE SB-6.12", "CONCRETE MEDIAN, TYPE SB-6.24", OR "CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)")
  - 39 LONGITUDINAL CONSTRUCTION JOINT - NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) AT 24" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
  - 40 LONGITUDINAL SAWED JOINT - NO. 6 X 30" DEFORMED TIE BARS (EPOXY COATED) AT 30" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
  - 41 HOT-MIX ASPHALT BASE COURSE, 10"
  - 42 HOT-MIX ASPHALT BASE COURSE, 8"
  - 43 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" (MIN)
  - 44 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
  - 45 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
  - 46 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24

1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		HARLEM AVENUE PROPOSED TYPICAL SECTIONS

SCALE: NOT TO SCALE  
DATE 6/11/2010  
DRAWN BY DJK  
CHECKED BY JRJ



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	37
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

MIXTURE REQUIREMENT

PAY ITEM	AIR VOIDS @ Ndes
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (8")	4% @ 70 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (7")	4% @ 50 GYR.
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (1 1/2")	4% @ 50 GYR.
WIDENING AND RESURFACING (HARLEM AVENUE)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (1 1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4" MIN)	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) (10" - WEST SIDE, 8" EAST SIDE)	4% @ 70 GYR.
BIKEPATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 MM); 10"	4% @ 70 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) (6" - PE, 8" CE)	4% @ 50 GYR.
PAVED MEDIAN	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) (8")	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (1 3/4")	4% @ 50 GYR.
TEMP PAVEMENT (HMA BINDER IL-19 mm) (8 1/4")	4% @ 50 GYR.
TEMPORARY SURFACE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT SHOULDERS, 6"	
HOT-MIX ASPHALT SHOULDERS, 6"	2% @ 30 GYR.
HOT-MIX ASPHALT SHOULDERS, 8"	
HOT-MIX ASPHALT SHOULDERS, 8"	2% @ 30 GYR.
STABILIZED SUB-BASE	
STABILIZED SUB-BASE HOT-MIX ASPHALT N50 (IL-19 mm) (4 1/2")	3% @ 50 GYR.

NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

HMA CHART

SCALE: NOT TO SCALE  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	38
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

U.S. ROUTE 30 - EARTH EXCAVATION BY STAGE AND STATION

STATION TO STATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
424+60 TO 435+00	0	165.2	422.0	726.7	311.9	1625.8
435+00 TO 450+00	0	515.1	2914.8	3126.7	761.6	7318.2
450+00 TO 465+00	0	373.2	365.6	1667.0	464.5	2870.3
465+00 TO 480+00	0	5.8	2317.8	4074.1	1169.6	7567.3
480+00 TO 492+45	0	0	2309.8	3703.5	362.6	6375.9
495+25 TO 510+00	0	64.6	2831.9	5879.9	546.4	9322.8
510+00 TO 525+00	113.4	1108.7	1113.0	1536.4	335.2	4093.9
525+00 TO 539+00	0.0	1261.9	2937.6	4289.2	1194.6	9705.3
539+00 TO 554+00	0	1166.5	2035.8	1486.8	851.0	5540.1
554+00 TO 569+00	0	408.5	2085.2	3216.7	389.8	6100.2
569+00 TO 584+00	0	13.8	1037.2	766.3	650.4	2467.7
584+00 TO 591+10.14	0	0	555.0	523.2	563.3	1641.5
TOTAL	113.4	5083.3	20925.8	30996.5	7600.8	64741.8

U.S. ROUTE 30 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL BY STAGE AND STATION

STATION TO STATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
424+60 TO 435+00	0	276.7	1274.3	400.1	0	1951.1
435+00 TO 450+00	0	941.2	1582.3	479.1	0	3002.6
450+00 TO 465+00	0	428.1	3132.3	1779.5	0	5339.9
465+00 TO 480+00	0	29.3	3213.0	1159.3	94.7	4496.3
480+00 TO 492+45	0	0	894.5	1180.0	0	2074.5
495+25 TO 510+00	0	333.5	1332.5	1401.8	38.8	3106.6
510+00 TO 525+00	309.6	679.7	2400.2	975.0	193.1	4557.6
525+00 TO 539+00	0	423.4	1341.2	560.4	0	2325.0
539+00 TO 554+00	0	793.7	1413.8	643.0	59.4	2909.9
554+00 TO 569+00	0	549.2	1538.7	852.7	0	2940.6
569+00 TO 584+00	0	59.6	1003.2	743.6	0	1806.4
584+00 TO 591+10.14	0	0	386.0	336.1	0	722.1
TOTAL	309.6	4514.4	19512.0	10510.6	386.0	35232.6

NOTE: THE QUANTITY FOR "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" INCLUDES REMOVAL OF MATERIAL FOR UNDERCUTTING AND REMOVAL OF TOPSOIL.

U.S. ROUTE 30 - REQUIRED EMBANKMENT AND EARTHWORK BALANCE BY STAGE AND STATION

STATION TO STATION	STAGE A		TEMPORARY PAVEMENT		STAGE 1		STAGE 2		STAGE 3		TOTALS BY STATION	
	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
424+60 TO 435+00	0	0	254.3	113.9	5293.8	4935.1	3655.0	3037.3	750.7	485.6	9953.8	8571.9
435+00 TO 450+00	0	0	1717.7	1279.9	6760.7	4283.1	4369.4	1711.7	873.6	226.2	13721.4	7500.9
450+00 TO 465+00	0	0	349.3	32.1	14518.6	14207.9	5538.2	4121.3	819.6	424.8	21225.7	18786.1
465+00 TO 480+00	0	0	49.8	44.8	7265.0	5294.9	1723.1	-1739.9	189.7	-804.4	9227.6	2795.4
480+00 TO 492+45	0	0	0	0	834.0	-1129.4	3191.2	43.2	490.3	182.1	4515.5	-904.1
495+25 TO 510+00	0	0	669.4	614.5	7447.8	5040.7	3853.6	-1144.3	980.8	516.4	12951.6	5027.3
510+00 TO 525+00	736.4	640.0	506.7	-435.7	8354.2	7408.1	5081.5	3775.6	970.2	685.3	15649.0	12073.3
525+00 TO 539+00	0.0	0.0	68.2	-1004.5	1216.1	-1592.5	116.6	-3529.2	0	-1015.4	1397.8	-7163.4
539+00 TO 554+00	0	0	55.0	-936.6	2191.7	461.3	1279.7	15.9	372.0	-351.3	3898.4	-810.7
554+00 TO 569+00	0	0	358.8	11.6	1220.8	-551.6	821.4	-1912.8	278.0	-53.3	2679.0	-2506.1
569+00 TO 584+00	0	0	114.9	103.2	2543.3	1661.7	1712.6	1061.2	349.9	-202.9	4720.7	2623.2
584+00 TO 591+10.14	0	0	0	0	1241.1	769.4	635.4	190.7	30.0	-448.8	1906.5	511.3
TOTAL	736.4	640.0	4144.0	-176.7	58887.2	40788.6	31977.7	5630.7	6104.9	-355.7	101847.1	46505.1

FURNISHED EXCAVATION = EMBANKMENT - (1 - SHRINKAGE FACTOR (0.15)) X EARTH EXCAVATION  
 A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED.  
 A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.

EXISTING STRUCTURE REMOVAL EARTHWORK

- STA. 441+23  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 2830 CU YD
- STA. 520+20  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 769 CU YD
- STA. 579+39  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 470 CU YD
- STA. 991+37  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 997 CU YD

COMPENSATORY STORAGE EARTHWORK

- NORTH SIDE OF US ROUTE 30  
EARTH EXCAVATION = 1558 CU YD  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 676 CU YD  
EMBANKMENT REQUIRED = 855 CU YD  
FURNISHED EXCAVATION = -469 CU YD
- SOUTHEAST CORNER OF US ROUTE 30 AND 93RD AVENUE  
EARTH EXCAVATION = 282 CU YD  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 401 CU YD  
EMBANKMENT REQUIRED = 501 CU YD  
FURNISHED EXCAVATION = 262 CU YD
- HICKORY CREEK BRIDGE  
EARTH EXCAVATION = 1143 CU YD  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 736 CU YD  
EMBANKMENT REQUIRED = 847 CU YD  
FURNISHED EXCAVATION = -125 CU YD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30  
 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DJK  
 HORIZ.              CHECKED BY JRV  
 DATE 6/11/2010

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	39
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

HARLEM AVENUE - EARTH EXCAVATION BY STAGE AND STATION

STATION TO STATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
981+31.38 TO 989+00	0	3.6	1395.1	81.6	76.4	1556.7
989+00 TO 999+25	0	16.1	813.9	1111.5	470.2	2411.7
1000+75 TO 1011+84.62	0	5.4	2469.9	1202.9	729.3	4407.5
TOTAL	0	25.1	4678.9	2396.0	1275.9	8375.9

HARLEM AVENUE - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL BY STAGE AND STATION

STATION TO STATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
981+31.38 TO 989+00	0	53.8	896.3	63.7	80.6	1094.4
989+00 TO 999+25	0	387.3	697.7	375.9	413.1	1874.0
1000+75 TO 1011+84.62	0	81.4	716.8	485.3	729.3	2012.8
TOTAL	0	522.5	2310.8	924.9	1223.0	4981.2

NOTE: THE QUANTITY FOR "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" INCLUDES REMOVAL OF MATERIAL FOR UNDERCUTTING AND REMOVAL OF TOPSOIL.

HARLEM AVENUE - REQUIRED EMBANKMENT AND EARTHWORK BALANCE BY STAGE AND STATION

STATION TO STATION	STAGE A		TEMPORARY PAVEMENT		STAGE 1		STAGE 2		STAGE 3		TOTALS BY STATION	
	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
981+82.64 TO 989+00	0	0	108.6	105.6	780.7	-405.1	66.3	-3.1	277.2	212.3	1232.8	-90.3
989+00 TO 999+25	0	0	1408.4	1394.7	2168.2	1476.4	1543.3	598.5	580.0	180.3	5699.9	3649.9
1000+75 TO 1011+84.62	0	0	255.7	251.1	1324.2	-775.2	968.5	-54.0	57.0	-563.0	2605.4	-1141.1
TOTAL	0	0	1772.7	1751.4	4273.1	296.1	2578.1	541.4	914.2	-170.4	9538.1	2418.5

FURNISHED EXCAVATION = EMBANKMENT - ( 1 - SHRINKAGE FACTOR (0.15)) X EARTH EXCAVATION  
 A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED.  
 A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
 SCHEDULE OF QUANTITIES

SCALE: VERT.  
 HORIZ.  
 DATE 6/11/2010

DRAWN BY DJK  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	40
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIDE STREETS - EARTH EXCAVATION BY STAGE AND STATION

LOCATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
94TH AVENUE	0	0	0	282.9	0	282.9
93RD AVENUE	0	0	0	23.0	0	23.0
PFEIFFER ROAD	0	0	0	110.7	0	110.7
84TH AVENUE	0	0	0	4518.3	0	4518.3
RIVER ROAD	0	0	0	456.1	0	456.1
82ND AVENUE	0	0	527.7	0	0	527.7
HILLSIDE ROAD	0	0	0	72.4	0	72.4
80TH AVENUE (NORTH)	0	0	878.4	0	0	878.4
80TH AVENUE (SOUTH)	0	0	0	1721.9	0	1721.9
78TH AVENUE	0	0	122.7	0	0	122.7
HUNTER WOODS DRIVE	0	0	0	545.3	0	545.3
FRANKFORT SQUARE ROAD	0	0	330.4	0	0	330.4
TOTAL	0	0	1859.2	7730.5	0	9589.7

SIDE STREETS - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL BY STAGE AND STATION

LOCATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
94TH AVENUE	0	0	0	258.1	0	258.1
93RD AVENUE	0	0	0	175.5	0	175.5
PFEIFFER ROAD	0	0	0	211.1	0	211.1
84TH AVENUE	0	0	0	351.1	0	351.1
RIVER ROAD	0	0	0	21.3	0	21.3
82ND AVENUE	0	0	105.4	0	0	105.4
HILLSIDE ROAD	0	0	0	632.9	0	632.9
80TH AVENUE (NORTH)	0	0	213.2	0	0	213.2
80TH AVENUE (SOUTH)	0	0	0	367.9	0	367.9
78TH AVENUE	0	0	11.1	0	0	11.1
HUNTER WOODS DRIVE	0	0	0	77.7	0	77.7
FRANKFORT SQUARE ROAD	0	0	20.9	0	0	20.9
TOTAL	0	0	350.7	2095.7	0	2446.3

NOTE: THE QUANTITY FOR "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" INCLUDES REMOVAL OF MATERIAL FOR UNDERCUTTING AND REMOVAL OF TOPSOIL.

STAGE A TOTALS  
 EARTH EXCAVATION 113.4 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 309.6 CU YD  
 FURNISHED EXCAVATION 640.0 CU YD

TEMPORARY PAVEMENT TOTALS  
 EARTH EXCAVATION 5108.4 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 5036.9 CU YD  
 FURNISHED EXCAVATION 1574.7 CU YD

STAGE 1 TOTALS\*  
 EARTH EXCAVATION 30446.9 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 29052.5 CU YD  
 FURNISHED EXCAVATION 39480.1 CU YD

STAGE 2 TOTALS  
 EARTH EXCAVATION 44123.1 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 13531.2 CU YD  
 FURNISHED EXCAVATION 3816.2 CU YD

STAGE 3 TOTALS  
 EARTH EXCAVATION 8876.7 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 1609.0 CU YD  
 FURNISHED EXCAVATION 0 CU YD

PROJECT TOTALS (ROUNDED)  
 EARTH EXCAVATION 88669 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 49540 CU YD  
 FURNISHED EXCAVATION 45511 CU YD

\*INCLUDES EXISTING STRUCTURE REMOVAL AND COMPENSATORY STORAGE EARTHWORK

SIDE STREETS - REQUIRED EMBANKMENT AND EARTHWORK BALANCE BY STAGE AND STATION

LOCATION	STAGE A		TEMPORARY PAVEMENT		STAGE 1		STAGE 2		STAGE 3		TOTALS BY STATION	
	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
94TH AVENUE	0	0	0	0	0	0	251.1	10.7	0	0	251.1	10.7
93RD AVENUE	0	0	0	0	0	0	1164.6	1145.0	0	0	1164.6	1145.0
PFEIFFER ROAD	0	0	0	0	0	0	741.6	647.6	0	0	741.6	647.6
84TH AVENUE	0	0	0	0	0	0	24.5	-3816.0	0	0	24.5	-3816.0
RIVER ROAD	0	0	0	0	0	0	15.0	-372.7	0	0	15.0	-372.7
82ND AVENUE	0	0	0	0	36.9	-411.6	0	0	0	0	36.9	-411.6
HILLSIDE ROAD	0	0	0	0	0	0	1820.6	1759.1	0	0	1820.6	1759.1
80TH AVENUE (NORTH)	0	0	0	0	240.4	-506.3	0	0	0	0	240.4	-506.3
80TH AVENUE (SOUTH)	0	0	0	0	0	0	175.8	-1287.8	0	0	175.8	-1287.8
78TH AVENUE	0	0	0	0	11.4	-92.9	0	0	0	0	11.4	-92.9
HUNTER WOODS DRIVE	0	0	0	0	0	0	21.7	-441.8	0	0	21.7	-441.8
FRANKFORT SQUARE ROAD	0	0	0	0	19.0	-261.8	0	0	0	0	19.0	-261.8
TOTAL	0	0	0	0	307.7	-1272.6	4215.0	-2355.9	0	0	4522.7	-3628.5

FURNISHED EXCAVATION = EMBANKMENT - ( 1 - SHRINKAGE FACTOR (0.15) ) X EARTH EXCAVATION  
 A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED.  
 A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30  
 SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ.  
 DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	41
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

STATION	TEMPORARY FENCE (FOOT)	TREE TRUNK PROTECTION (EACH)	TREE ROOT PRUNING (EACH)	TOPSOIL FURNISH AND PLACE, 4" (SQYD)	TOPSOIL FURNISH AND PLACE, 8" (SQYD)	TOPSOIL FURNISH AND PLACE, 24" (SQYD)	COMPOST FURNISH AND PLACE, 4" (SQYD)	SELECTIVE MOWING STAKES (EACH)	SEEDING, CLASS 2A (ACRES)	SEEDING, CLASS 4 (ACRES)	SEEDING, CLASS 5A (ACRES)	SEEDING, CLASS 4B (MODIFIED) (ACRES)	MULCH, METHOD 2 (ACRES)	EROSION CONTROL BLANKET (SQYD)	SODDING, SALT TOLERANT (SQYD)
	20101000	20101100	20101200	21101615	21101630	21101685	21101815	25000775	25000210	25000310	25000322	X2502024	25100115	25100630	25200110
U.S. ROUTE 30 410+00 TO 423+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
423+00 TO 435+00	370	2	2	2,658	2,127	39	3,274	23	0.3	0.7	0	0	0	27,636	2,767
435+00 TO 450+00	247	8	8	2,909	7,555	1,964	9,921	44	0.9	1.7	0	0.3	3.0	46,476	2,987
450+00 TO 465+00	0	0	0	4,849	4,058	1,531	8,472	32	1.0	1.8	0	0	0	52,876	2,380
465+00 TO 480+00	244	15	15	3,420	4,972	1,338	4,362	39	1.3	0.9	0.2	0	0	40,108	2,024
480+00 TO 495+00	487	22	22	4,273	9,030	993	9,923	20	0.8	1.3	0.1	0.8	2.1	41,264	1,597
495+00 TO 510+00	1,534	70	70	5,753	5,150	1,061	2,636	18	1.9	0.5	0.1	0	0	44,908	1,280
510+00 TO 525+00	790	47	47	4,685	4,529	930	1,852	24	1.7	0.3	0.1	0	0	66,855	2,117
525+00 TO 539+00	187	8	8	3,314	3,223	391	685	11	1.0	0.2	0.1	0	0	33,404	1,956
539+00 TO 554+00	160	4	4	1,682	7,254	1,166	50	2	1.7	0.1	0	0	0	41,788	1,590
554+00 TO 569+00	93	5	5	2,762	6,479	2,011	1,494	29	1.9	0.3	0	0	0	47,540	1,987
569+00 TO 584+00	0	0	0	3,664	5,996	510	596	11	1.6	0.1	0	0	0	32,874	2,502
584+00 TO 591+10.14	0	0	0	1,559	3,426	1,930	0	0	1.3	0	0	0	0	20,056	777
94TH AVE 525+72 TO 529+00	0	0	0	1,073	0	0	0	0	0.1	0	0	0	0	2,568	444
93RD AVE 546+65 TO 549+00	30	1	1	0	0	0	2,797	10	0	0.6	0	0	0.9	4,234	0
PFEIFFER RD 593+50 TO 598+00	160	4	4	1,711	0	0	0	0	0.3	0	0	0	0	5,014	428
84TH AVE 701+15 TO 703+67.22	54	2	2	1,366	0	0	323	2	0.2	0.1	0.1	0	0	5,396	599
HILLSIDE RD 745+30 TO 749+00	40	1	1	1,924	0	0	390	5	0.3	0.1	0	0	0	5,934	297
80TH AVE 794+89.46 TO 804+25.34	0	0	0	3,405	0	0	0	0	0.5	0	0	0	0	8,624	774
HUNTER WOODS/ FRANKFORT SQ. 896+32.18 TO 903+86	0	0	0	560	0	0	0	0	0.1	0	0	0	0	484	220
HARLEM AVENUE 981+31.38 TO 989+00	0	0	0	3,425	0	0	2,337	32	0.5	0.5	0	0	0	15,304	983
989+00 TO 998+00	130	0	0	5,111	0	0	1,887	33	0.8	0.4	0	0	0	48,362	1,367
1002+00 TO 1011+84.62	0	0	0	1,270	4,485	1,841	2,359	38	1.3	0.5	0	0	0	21,482	1,135
STAGE 3 REPLACEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	4,526	185	185	61,373	68,284	15,705	53,358	373	19.5	10.1	0.7	1.1	6.0	613,157	30,211

ROUNDED	19.50	10.25	0.75	1.25	6.00
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LOCATION	STONE RIPRAP, CLASS A3 (SQYD)
	28100105
FOR USE AT CURB AND GUTTER TRANSITIONS (AS SHOWN ON DETAIL SHEET NO. 442)	
82ND AVE, LT	1.8
82ND AVE, RT	6.2
79TH AVE, LT	3.6
79TH AVE, RT	3.6
78TH AVE, LT	3.6
78TH AVE, RT	3.6
PFEIFFER RD, LT	3.6
PFEIFFER RD, RT	3.6
84TH AVE, LT	3.6
84TH AVE, RT	3.6
80TH AVE, LT	5.3
80TH AVE, RT	5.3
HARLEM AVE, LT	8.9
HARLEM AVE, RT	8.9
HARLEM AVE, LT	12.7
HARLEM AVE, RT	12.7
FOR USE DURING STAGE 1 CONSTRUCTION (AS SHOWN ON SHEET NO. 92)	
STA. 520+00, RT	26.3
TOTAL	117

STATION	REMOVE SUBDIVISION MONUMENT SIGN (EACH)	REMOVE DECORATIVE ARBOR (EACH)
	X0327029	X0327030
U.S. ROUTE 30 488+54, RT	1	
489+93, RT	1	
488+89, RT		1
489+61, RT		1
TOTAL	2	2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
SCHEDULE OF QUANTITIES

SCALE: VERT.  
HORIZ.  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	42
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATION	HOT-MIX ASPHALT SURFACE CSE, MIX "D", N50 (TON)	HOT-MIX ASPHALT SURFACE CSE, MIX "D", N70 (TON)	HOT-MIX ASPHALT BINDER CSE, IL-19.0, N70 (TON)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9" (SQYD)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" (SQYD)	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	HOT-MIX ASPHALT BASE COURSE, 6" (SQYD)	HOT-MIX ASPHALT BASE COURSE, 8" (SQYD)	HOT-MIX ASPHALT BASE COURSE, 10" (SQYD)	HOT-MIX ASPHALT SHOULDERS, 6" (SQYD)	HOT-MIX ASPHALT SHOULDERS, 8" (SQYD)	AGGREGATE SHOULDERS, TYPE B 6" (SQYD)	AGGREGATE SUBGRADE 12" (SQYD)	AGGREGATE SUBGRADE 12", SPECIAL (SQYD)	AGGREGATE BASE COURSE TYPE B 4" (SQYD)	AGGREGATE BASE COURSE, TYPE B 6" (SQYD)	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (SQYD)	AREA REFLECTIVE CRACK CONTROL TREATMENT (SQYD)	SLEEPER SLAB (SQYD)	
	40603335	40603340	40603085	40701861	40701881	42000416	35501308	35501316	35501324	48203021	48203029	48101500	Z0001050	Z0001055	35101600	35101800	31200502	44300100	X0320816	
U.S. ROUTE 30	410+00 TO 423+00	0	0	0	0	0	0	460	0	0	0	0	0	0	0	0	0	0	0	
	423+00 TO 435+00	15	0	0	290	7,461	0	1,698	0	0	0	11	0	8,688	0	0	8,688	0	0	
	435+00 TO 450+00	14	0	0	0	9,300	44	0	0	0	0	0	0	11,033	0	0	11,033	0	0	
	450+00 TO 465+00	54	0	0	211	10,363	0	174	0	0	0	0	0	12,135	0	0	12,135	0	0	
	465+00 TO 480+00	10	0	0	0	10,963	204	194	0	0	0	0	25	12,746	0	0	12,746	0	0	
	480+00 TO 495+00	10	0	0	0	8,418	230	249	0	111	0	0	0	10,667	0	0	10,667	0	0	
	495+00 TO 510+00	40	0	0	401	10,207	1,029	103	0	94	0	27	0	12,429	181	0	12,429	0	0	
	510+00 TO 525+00	16	0	0	327	10,822	1,218	353	0	0	0	5	0	12,585	0	0	12,585	0	0	
	525+00 TO 539+00	29	0	0	370	11,845	321	1,404	0	0	0	0	0	13,490	0	0	13,490	0	168	
	539+00 TO 554+00	23	0	0	290	11,318	0	533	0	0	0	0	0	13,122	0	34	13,122	0	163	
	554+00 TO 569+00	18	0	0	0	9,250	0	90	0	0	0	0	0	10,983	0	0	10,983	0	0	
	569+00 TO 584+00	0	0	0	0	16,960	0	565	0	0	0	0	0	18,875	0	0	18,875	0	156	
	584+00 TO 591+10.14	0	0	0	0	3,990	0	0	0	0	36	13	2,206	4,700	0	0	4,700	0	0	
94TH AVE	525+72 TO 529+00	0	0	0	975	0	0	0	0	0	0	110	0	0	109	241	0	0	0	
93RD AVE	546+65 TO 549+00	0	0	0	547	0	0	0	0	0	0	94	0	0	0	0	0	0	0	
PFEIFFER RD	593+50 TO 598+00	0	0	0	0	1,800	0	0	0	0	0	0	2,058	0	0	94	0	0	0	
84TH AVE	701+15 TO 703+67.22	0	0	0	900	0	0	0	0	0	0	54	0	0	243	0	0	0	0	
HILLSIDE RD	745+30 TO 749+00	0	0	0	850	24	131	64	0	0	0	125	0	28	0	0	28	0	0	
80TH AVE	794+89.46 TO 804+25.34	0	0	0	1,762	0	236	272	0	0	0	262	0	0	0	0	0	0	0	
HUNTER WOODS/ FRANKFORT SQ.	896+32.18 TO 903+86	0	0	0	896	242	0	0	0	0	0	0	0	276	31	46	276	1,068	0	
HARLEM AVENUE	981+31.38 TO 989+00	0	309	830	0	577	0	1,351	565	0	0	879	622	0	0	0	0	0	0	
	989+00 TO 998+00	0	0	0	0	7,229	0	123	0	0	0	0	7,958	0	0	0	0	0	0	
	1002+00 TO 1011+84.62	0	0	0	0	6,324	0	27	0	0	0	0	7,498	0	0	0	0	0	0	
STAGE 3 REPLACEMENT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAINTENANCE OF TRAFFIC		0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTALS		229	309	868	7,819	1,822	135,293	3,413	7,660	565	205	36	1,580	20,367	141,757	564	415	141,757	1,068	487

SEE WATERMAIN PLANS FOR ADDITIONAL HMA PAVEMENT (FULL-DEPTH), 9" QUANTITIES

STATION	POROUS GRANULAR EMBANKMENT, SUBGRADE (CUYD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQYD)
	Z0042002	21001000
U.S. ROUTE 30	431+75 TO 435+00	810.9
	446+40 TO 449+25	307.9
	476+25 TO 479+65	451.3
	495+00 TO 497+75	148.5
	503+25 TO 506+00	340.3
	511+75 TO 514+50	796.4
	516+75 TO 518+75	852.4
	519+75 TO 520+75	365.9
	524+75 TO 527+50	771.8
	547+50 TO 550+40	359.1
	568+35 TO 570+90	269.1
TOTAL	5,474	19,396

SEE BOX CULVERT PLANS FOR ADDITIONAL POROUS GRANULAR EMBANKMENT, SUBGRADE QUANTITIES

STATION	FENCE REMOVAL (FOOT)
	Z0022800
U.S. ROUTE 30	435+00 TO 450+00
	495+00 TO 510+00
	510+00 TO 525+00
	525+00 TO 539+00
	554+00 TO 569+00
HILLSIDE RD	745+30 TO 749+00
TOTAL	817

STATION	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 5 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT) (EACH)	GUARDRAIL REMOVAL (FOOT)	GUARDRAIL MARKERS (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
	63000001	63100045	63100070	63100085	63100167	63200310	78200405	78201000
U.S. ROUTE 30	423+00 TO 435+00	0	0	0	0	759	0	0
	435+00 TO 450+00	0	0	0	0	709	0	0
	480+00 TO 495+00	250	1	2	2	508	4	1
	495+00 TO 510+00	250	1	0	1	504	4	1
	510+00 TO 525+00	0	0	0	0	179	0	0
TOTAL	500	2	2	2	2	2,659	8	2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ. DATE 6/11/2010 DRAWN BY DJK CHECKED BY JRJ



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	43
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

STATION	CLASS SI CONC. (OUTLET) (CUYD)	CONCRETE CURB, TYPE B (FT)	COMB. CONC. C&G, TYPE B-6.12 (FT)	COMB. CONC. C&G, TYPE B-6.24 (FT)	COMB. CONC. C&G, TYPE B-9.12 (FT)	COMB. CONC. C&G, TYPE M-2.24 (FT)	CONC. MEDIAN SURFACE, 4 INCH (SQFT)	CONC. MEDIAN, TYPE SB-6.12 (SQFT)	CONC. MEDIAN, TYPE SB-6.24 (SQFT)	CONC. MEDIAN, TYPE SB-6.24 (MODIFIED) (SQFT)	CORRUGATED MEDIAN (SQFT)	P.C.C. DRIVEWAY PAVEMENT, 6 INCH (SQYD)	P.C.C. DRIVEWAY PAVEMENT, 8 INCH (SQYD)
	60600095	60600605	60603800	60605000	60605900	60608521	60618300	60619600	60620000	60620200	60624600	42300200	42300400
U.S. ROUTE 30	410+00 TO 423+00	0	0	0	0	609	0	0	0	0	0	0	0
	423+00 TO 435+00	5.5	99	143	2,256	0	1,003	0	0	688	2,460	154	0
	435+00 TO 450+00	0	0	0	5,366	0	0	0	0	442	1,231	80	0
	450+00 TO 465+00	0	0	104	4,991	0	0	0	0	537	2,197	169	0
	465+00 TO 480+00	0	0	0	4,939	0	0	0	0	786	2,434	84	0
	480+00 TO 495+00	0	0	128	3,929	0	0	333	0	687	2,308	134	0
	495+00 TO 510+00	5.4	0	0	4,432	0	0	0	1,002	538	2,457	193	181
	510+00 TO 525+00	0	0	0	4,647	0	0	0	378	884	3,092	160	0
	525+00 TO 539+00	0	78	43	3,895	0	0	0	1,380	442	3,604	274	0
	539+00 TO 554+00	0	382	200	4,637	0	0	0	248	345	3,043	886	0
	554+00 TO 569+00	0	64	61	5,324	0	0	0	0	442	1,230	91	0
	569+00 TO 584+00	0	115	97	3,963	0	0	0	2,340	397	3,715	539	0
	584+00 TO 591+10.14	12.5	0	0	2,471	0	0	0	0	0	0	0	0
94TH AVE	525+72 TO 529+00	0	0	0	0	0	0	0	0	0	0	109	241
93RD AVE	546+65 TO 549+00	8.8	0	0	0	0	0	0	0	0	0	0	0
PFEIFFER RD	593+50 TO 598+00	0	0	0	900	0	0	0	0	0	0	0	94
84TH AVE	701+15 TO 703+67.22	0	0	0	401	0	0	0	0	0	0	243	0
HILLSIDE RD	745+30 TO 749+00	9.3	0	0	19	0	0	0	0	0	0	0	0
80TH AVE	794+89.46 TO 804+25.34	6.3	0	0	330	0	0	0	0	0	0	0	0
HUNTER WOODS/ FRANKFORT SQ.	896+32.18 TO 903+86	0	21	154	377	0	0	0	0	0	0	31	91
HARLEM AVENUE	981+31.38 TO 989+00	0	0	0	178	0	0	0	0	0	0	0	0
	989+00 TO 998+00	0	0	627	1,800	0	0	4,402	1,015	0	0	0	0
	1002+00 TO 1011+84.62	0	18	0	3,601	0	0	0	0	300	778	0	0
STAGE 3 REPLACEMENT		0	0	0	1,508	1,014	0	10,573	0	0	0	0	0
TOTALS	47.8	777	1,557	59,964	1,014	1,612	15,308	6,363	6,488	28,590	2,764	564	1,072

STATION	SIGN PANEL TYPE 1 (SQFT)	SIGN PANEL TYPE 2 (SQFT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	REMOVE SIGN PANEL ASSEMBLY - TYPE B (EACH)	REMOVE SIGN PANEL - TYPE 1 (SQFT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (SQFT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	METAL POST TYPE A (FOOT)
	72000100	72000200	72400100	72400200	72400310	72400500	72800100	72900100
U.S. ROUTE 30	410+00 TO 423+00	0	0	0	9	0	0	0
	423+00 TO 435+00	37.8	36*	7	0	0	61.0	46*
	435+00 TO 450+00	68.9	10+54*	7	1	0	148.8	69*
	450+00 TO 465+00	95.4	0	11	2	0	162.3	0
	465+00 TO 480+00	70.0	0	9	0	0	146.0	0
	480+00 TO 495+00	62.0	0	3	0	0	116.0	0
	495+00 TO 510+00	135.6	90*	14	0	0	225.3	115*
	510+00 TO 525+00	108.9	18*	10	0	1	216.3	23*
	525+00 TO 539+00	131.0	18*	13	0	1	329.0	23*
	539+00 TO 554+00	142.5	0	11	2	0	250.5	0
	554+00 TO 569+00	39.8	10	3	2	0	90.5	0
	569+00 TO 584+00	209.3	0	22	0	4	408.8	0
	584+00 TO 591+10.14	29.4	0	4	0	0	47.0	0
94TH AVE	525+72 TO 529+00	0	0	1	0	0	0	0
93RD AVE	546+65 TO 549+00	7.5	0	2	0	0	15.0	0
PFEIFFER RD	593+50 TO 598+00	12.5	0	1	0	0	29.5	0
84TH AVE	701+15 TO 703+67.22	0	0	1	0	0	0	0
HILLSIDE RD	745+30 TO 749+00	5.0	0	0	0	0	14.5	0
80TH AVE	794+89.46 TO 804+25.34	0	0	2	0	0	0	0
HUNTER WOODS/ FRANKFORT SQ.	896+32.18 TO 903+86	18.8	0	3	0	0	44.0	0
HARLEM AVENUE	981+31.38 TO 989+00	23.6	0	1	0	0	42.3	0
	989+00 TO 998+00	41.6	36*	5	0	0	64.0	46*
	1002+00 TO 1011+84.62	45.6	0	6	0	0	102.5	0
TOTALS	1,286	272	136	7	9	6	2,514	322*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**U.S. ROUTE 30**  
SCHEDULE OF QUANTITIES

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRJ

SEE MAST ARM MOUNTED SIGN DETAIL SHEETS FOR ADDITIONAL SIGN PANEL QUANTITIES \* QUANTITY FOR WETLAND SIGNING SHOWN ON EROSION CONTROL PLANS







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	47
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATION	TEMPORARY PAVEMENT (SQYD)	WET TEMP. PAV'T MARKING TAPE, TYPE III - LETTERS AND SYMBOLS (SQFT)	WET TEMP. PAV'T MARKING TAPE, TYPE III 4" (FOOT)	WET TEMP. PAV'T MARKING TAPE, TYPE III 6" (FOOT)	WET TEMP. PAV'T MARKING TAPE, TYPE III 12" (FOOT)	WET TEMP. PAV'T MARKING TAPE, TYPE III 24" (FOOT)	TEMPORARY PAVEMENT MARKING, LETTERS AND SYMBOLS (SQFT)	TEMP. PAV'T MARKING, LINE 4" (FOOT)	TEMP. PAV'T MARKING, LINE 6" (FOOT)	TEMP. PAV'T MARKING, LINE 12" (FOOT)	TEMP. PAV'T MARKING, LINE 24" (FOOT)	TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS, TEMPORARY (NON-REDIREC.) TEST LEVEL 3 (EACH)	IMPACT ATTENUATORS, RELOCATE (NON-REDIREC.) TEST LEVEL 3 (EACH)	TEMPORARY ACCESS (PRIVATE ENTRANCE) (EACH)	TEMPORARY ACCESS (COMMERCIAL ENTRANCE) (EACH)	TEMPORARY ACCESS (ROAD) (EACH)	TEMPORARY DITCH CHECKS (FOOT)	PERIMETER EROSION BARRIER (FOOT)	ABOVE GRADE INLET FILTERS (EACH)	INLET FILTERS (EACH)	
	Z006256	X7030120	X7030104	X7030106	X7030112	X7030124	70300210	70300220	70300240	70300260	70300280	70400100	70400200	Z0030250	Z0030350	X4021000	X4022000	X4023000	28000305	28000400	28000520	28000510	
STAGE 2A	480+00 TO 495+00	1,416	0	3,303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	495+00 TO 510+00	1,350	0	2,860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	554+00 TO 569+00	144	0	836	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	569+00 TO 584+00	1,676	72.6	6,756	450	133	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	584+00 TO 600+00	0	0	5,123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	600+00 TO 606+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 2B	480+00 TO 495+00	775	0	3,733	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	495+00 TO 510+00	676	0	4,742	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 3	410+00 TO 423+00	0	72.6	855	218	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	423+00 TO 435+00	0	0	1,120	0	0	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	435+00 TO 450+00	0	0	1,500	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	450+00 TO 465+00	0	0	1,500	0	0	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	465+00 TO 480+00	0	108.9	2,072	437	241	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	480+00 TO 495+00	0	0	1,941	252	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	495+00 TO 510+00	0	0	2,100	0	0	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	510+00 TO 525+00	0	0	1,650	0	0	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	525+00 TO 539+00	0	36.3	1,276	265	0	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	539+00 TO 554+00	0	36.3	1,479	355	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	554+00 TO 569+00	0	0	1,500	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	569+00 TO 584+00	0	72.6	1,144	498	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	584+00 TO 600+00	0	0	1,630	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	600+00 TO 606+00	0	0	290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	976+00 TO 984+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	984+00 TO 998+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1002+00 TO 1015+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1015+00 TO 1028+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SIDESTREETS	0	0	4,912	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 3A	410+00 TO 423+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	525+00 TO 539+00	0	0	1,088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	539+00 TO 554+00	0	0	835	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	554+00 TO 569+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	569+00 TO 584+00	0	72.6	1,979	283	1,010	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	584+00 TO 599+00	0	0	330	63	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	976+00 TO 984+00	0	0	872	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	984+00 TO 998+00	0	72.6	2,869	620	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1002+00 TO 1015+00	0	0	2,150	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1015+00 TO 1028+00	0	0	985	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXISTING DRAINAGE STRUCTURE PROTECTION (NOT SHOWN IN PLANS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	888	0	28	82	0
TOTALS	38,138	1,416	153,148	7,171	2,152	1,901	400	83,079	1,150	382	475	2,025	545	12	6	50	47	24	3,864	18,020	88	382	0

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		U.S. ROUTE 30 SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY DJK  
 HORIZ.            CHECKED BY JRV  
 DATE 6/11/2010

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	48
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATION	OFFSET		20100110 6 TO 15 UNITS	20100210 OVER 15 UNITS
	LEFT FEET	RIGHT FEET		
440+38		65	6	
440+41		55	11	
440+41		55	11	
440+61		59	8	
440+64		67	13	
440+74		79	8	
440+75		56	10	
440+75		56	10	
440+77		57	13	
440+77		57	13	
440+77		80	10	
440+77		80	10	
441+06		61	8	
441+12		68		23
441+12		68		23
441+12		68		23
441+27		69	6	
441+60		60	9	
441+67		58	8	
441+82		64	7	
441+82		66	14	
441+95		64	7	
441+96		59	6	
493+40		64	7	
493+41		41	10	
493+42		56	8	
493+44		50	10	
495+37		74	6	
495+53		84	6	
495+72		69	9	
495+72		69	9	
495+74		60	8	
495+75		42	11	
495+80		47	6	
495+88		62	8	
495+89		60	6	
495+90		63	9	
495+91		61	8	
495+96		68	10	
496+01		62	11	
496+02		59	7	
496+08		63	6	
496+10		46	7	
496+17		74	6	
496+17		40	10	

STATION	OFFSET		20100110 6 TO 15 UNITS	20100210 OVER 15 UNITS
	LEFT FEET	RIGHT FEET		
495+45	76		8	
495+47	76		6	
495+57	82		6	
495+61	76		6	
495+87	83		9	
495+88	77		11	
496+19		49	12	
496+27		56	7	
496+30		62	8	
496+31		44	7	
496+35		39	7	
496+38		66	8	
496+39		76	10	
496+45		53	8	
496+45		41	7	
496+51		80	9	
496+51		37	7	
496+52		68	9	
496+52		52	8	
496+53		54	8	
496+54		61	8	
496+54		49	7	
496+63		40	7	
496+73		66	9	
496+74		44	10	
496+77		39	7	
496+81		80	9	
496+83		51	7	
496+88		75	6	
496+88		48	10	
496+98		55	9	
496+98		66	11	
497+02		36	6	
497+08		42	8	
497+09		70	8	
497+15		66	9	
497+18		53	8	
497+21		58	10	
497+28		73	8	
497+33		60	10	
497+36		83	6	
497+62		68	8	
497+70		81	6	
497+73		42	11	
497+78		65	6	

STATION	OFFSET		20100110 6 TO 15 UNITS	20100210 OVER 15 UNITS
	LEFT FEET	RIGHT FEET		
497+79		53	8	
497+79		53	8	
497+82		45	6	
497+90		70	11	
497+92		51		16
497+92		51		16
497+92		87	10	
498+01		50	12	
498+06		69	11	
498+19		74	6	
498+19		54	12	
498+19		54	12	
TOTALS			827	101
GROWTH FACTOR			1.5	1.5
TOTALS			1241	152

NOTE:  
 THE ORIGINAL TREE SURVEY WAS PERFORMED IN 2002. A GROWTH FACTOR HAS BEEN APPLIED TO THE TOTAL QUANTITY TO ACCOUNT FOR THE INCREASED TREE SIZES. PAYMENT FOR TREE REMOVAL SHALL BE BASED ON THE ACTUAL MEASUREMENT OF THE TREE AT THE TIME OF REMOVAL, AS DEFINED BY ARTICLE 201.10 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30  
 SCHEDULE OF QUANTITIES

SCALE: VERT.  
 HORIZ.  
 DATE 6/11/2010

DRAWN BY DJK  
 CHECKED BY JRV



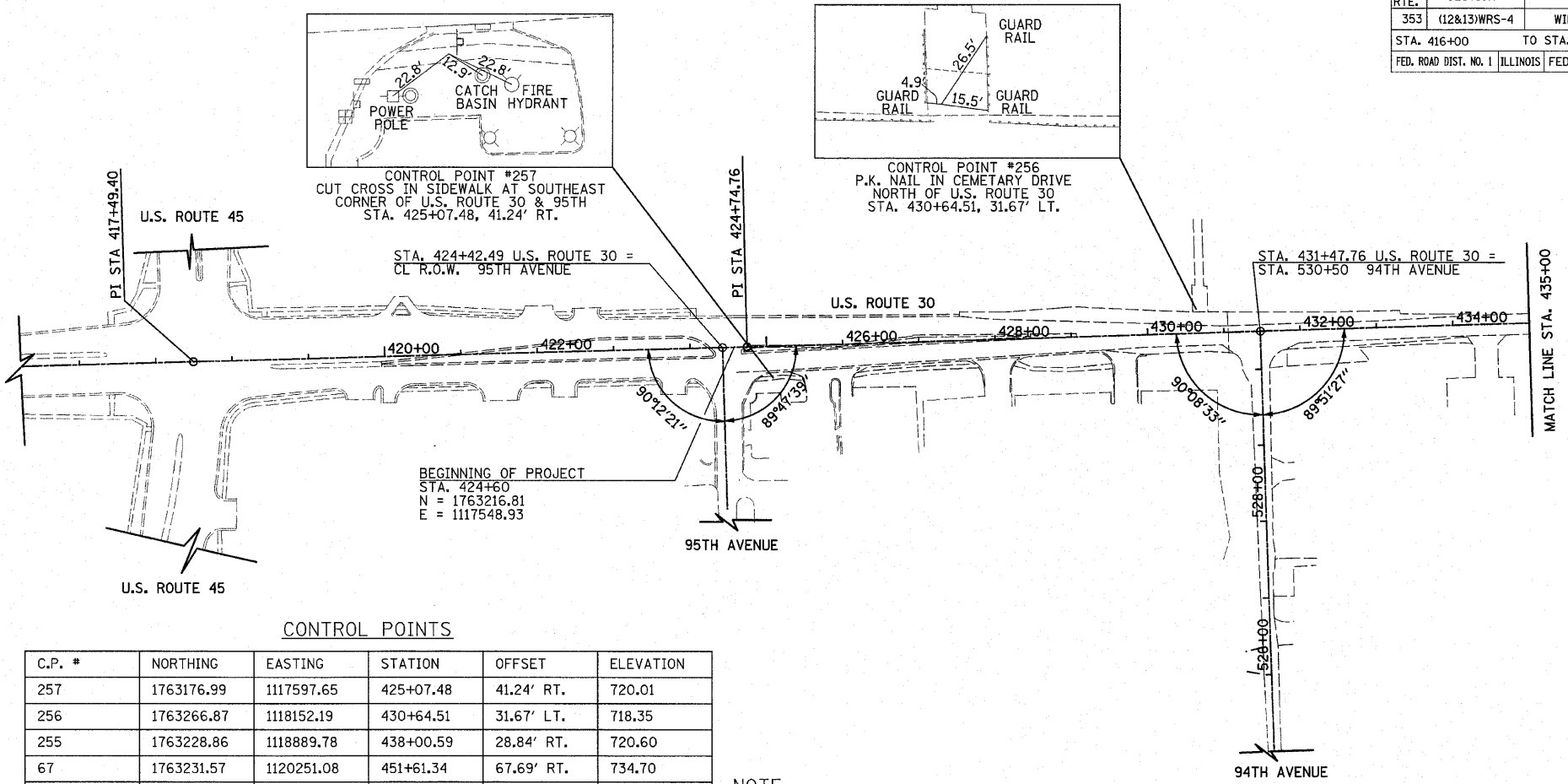
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	49
STA. 416+00		TO STA. 465+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

**BENCHMARKS**

NUMBER	DESCRIPTION	ELEVATION
BM 9	CUT X ON SOUTH EAST BOLT OF FIRE HYDRANT ON THE SOUTH SIDE OF U.S. ROUTE 30 AT 9447 LINCOLN HIGHWAY	722.08
BM 10	CUT [ ] ON CONCRETE PARAPET, SOUTHWEST CORNER OF BRIDGE #099-0311 AT EAST SIDE OF WINDY HILL DRIVE	694.59
BM 11	RR SPIKE ON NORTH FACE OF POWER POLE AT THE SOUTH EAST CORNER OF 79TH AND U.S. ROUTE 30 JUST EAST OF COMMERCIAL #7905	731.73
PT 0082	CUT X ON SIDEWALK AT SOUTH WEST CORNER OF U.S. ROUTE 30 AND HUNTER WOODS DRIVE	730.54
PT 0095	CUT X ON ISLAND IN NORTH EAST QUADRANT OF ROUTE 30 AND HARLEM	725.04
BM 12	CHISELLED [ ] ON 5' HEAD WALL AT SOUTHWEST CORNER OF U.S. ROUTE 30 AND IL ROUTE 43 (HARLEM)	722.46

**U.S. ROUTE 30 ALIGNMENT**

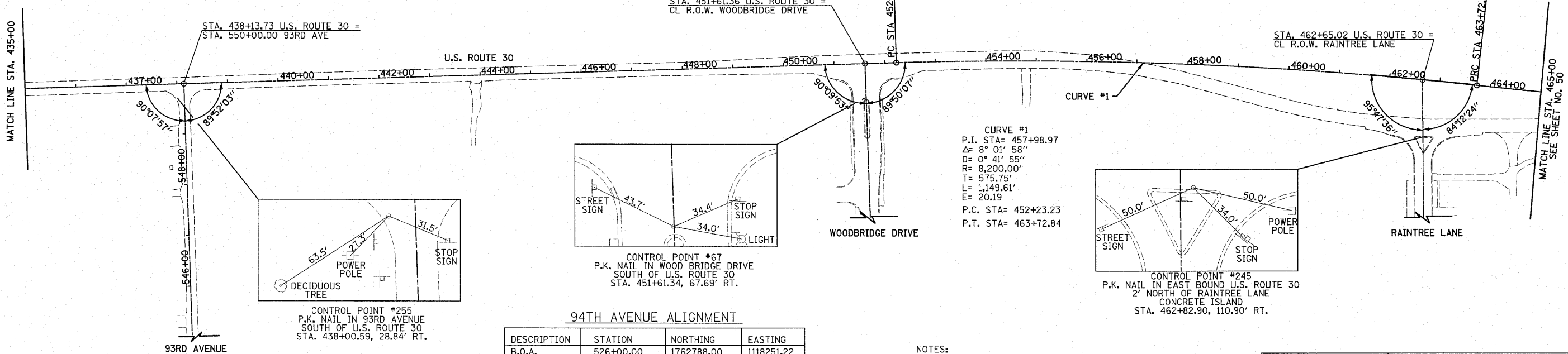
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	416+00.00	1763193.42	1116689.25
P.I.	417+49.40	1763197.49	1116838.59
P.I.	424+74.76	1763217.21	1117563.68
P.C.	452+23.23	1763301.12	1120310.87
P.I.	457+98.97	1763318.70	1120886.35
P.R.C.	463+72.84	1763255.69	1121458.64
P.I.	468+52.11	1763203.23	1121935.03
P.T.	473+30.29	1763206.64	1122414.29
P.C.	481+85.17	1763212.71	1123269.15
P.I.	486+54.43	1763216.04	1123738.40
P.T.	491+19.40	1763328.15	1124194.07
P.C.	499+10.27	1763517.10	1124962.04
P.I.	502+49.40	1763598.12	1125291.35
P.T.	505+82.13	1763566.06	1125628.95
P.I.	527+00.07	1763365.82	1127737.40
P.C.	543+66.88	1763202.97	1129396.23
P.I.	545+20.31	1763187.98	1129548.93
P.T.	546+73.47	1763188.65	1129702.36
P.I.	560+77.39	1763194.74	1131106.27
P.T.	579+96.31	1763196.65	1133025.19
E.O.A.	594+00.00	1763202.14	1134428.86



**CONTROL POINTS**

C.P. #	NORTHING	EASTING	STATION	OFFSET	ELEVATION
257	1763176.99	1117597.65	425+07.48	41.24' RT.	720.01
256	1763266.87	1118152.19	430+64.51	31.67' LT.	718.35
255	1763228.86	1118889.78	438+00.59	28.84' RT.	720.60
67	1763231.57	1120251.08	451+61.34	67.69' RT.	734.70
245	1763154.68	1121358.26	462+82.90	110.90' RT.	737.19

NOTE: THREE TIE POINTS ARE PROVIDED ONLY TO FIND GENERAL LOCATION OF CONTROL POINT, NOT TO ACCURATELY RECREATE POINT



**94TH AVENUE ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	526+00.00	1762788.00	1118251.22
E.O.A.	530+50.00	1763237.76	1118236.37

**93RD AVENUE ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	545+00.00	1762758.36	1118918.45
E.O.A.	550+00.00	1763258.09	1118902.03

NOTES:  
 EXISTING ROAD CONFIGURATION SHOWN  
 B.O.A. = BEGINNING OF ALIGNMENT  
 P.C. = POINT OF CURVATURE  
 P.R.C. = POINT OF REVERSE CURVATURE  
 P.T. = POINT OF TANGENT  
 P.I. = POINT OF INTERSECTION  
 E.O.A. = END OF ALIGNMENT  
 B.M. = BENCHMARK  
 C.P. = CONTROL POINT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30  
 ALIGNMENT, TIES AND BENCHMARKS**  
 STATION 410+00 TO STATION 465+00

SCALE IN FEET  
 100 0 100

DATE 6/11/2010

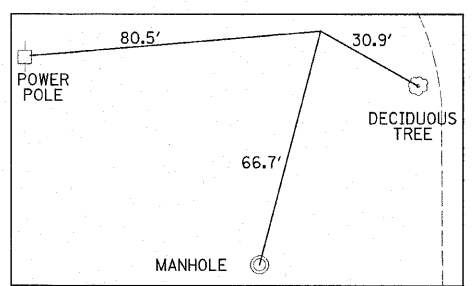
DRAWN BY JRR  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	50
STA. 465+00		TO STA. 515+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

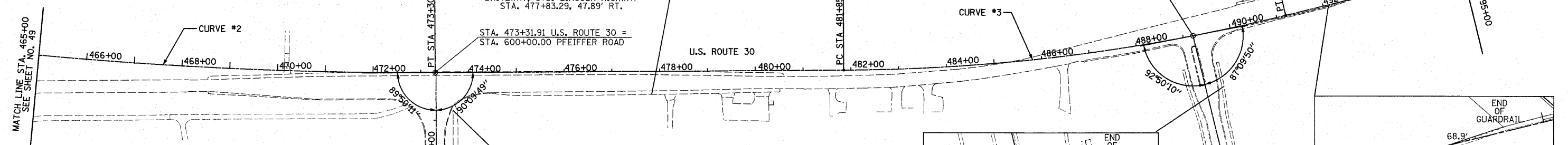
**CURVE #2**  
 P.I. STA= 468+52.11  
 $\Delta$ = 6° 41' 24"  
 D= 0° 41' 55"  
 R= 8,200.00'  
 T= 479.27'  
 L= 957.45'  
 E= 13.99'  
 P.C. STA= 463+72.84  
 P.T. STA= 473+30.29

**PFEIFFER ROAD ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	590+00.00	1762206.65	1122420.16
E.O.A.	600+00.00	1763206.65	1122415.91

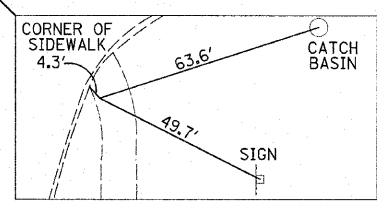


**CURVE #3**  
 P.I. STA= 486+54.43  
 $\Delta$ = 13° 24' 56"  
 D= 1° 26' 10"  
 R= 3,990.00'  
 T= 469.26'  
 L= 934.23'  
 E= 27.50'  
 $e$ = 0.023  
 T.R.= 130.4'  
 S.E. RUN= 150'  
 P.C. STA= 481+85.17  
 P.T. STA= 491+19.40

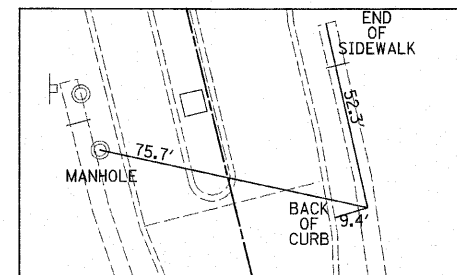


**CONTROL POINT #235**  
 IRON ROD PIPE  
 SOUTHWEST CORNER U.S. ROUTE 30 AND  
 DRIVEWAY, 8731 LINCOLN HIGHWAY  
 STA. 477+83.29, 47.89' RT.

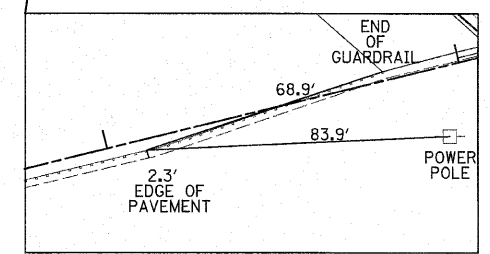
STA. 473+31.91 U.S. ROUTE 30 =  
 STA. 600+00.00 PFEIFFER ROAD



**CONTROL POINT #238**  
 CUT CROSS IN SIDEWALK, SOUTHEAST CORNER  
 U.S. ROUTE 30 AND PFEIFFER ROAD  
 STA. 473+66.79, 80.37' RT.



**CONTROL POINT #228**  
 CUT CROSS IN SIDEWALK  
 SOUTHEAST CORNER U.S. ROUTE 30 AND  
 WINDY HILL DRIVE  
 STA. 489+60.90, 116.95' RT.



**CONTROL POINT #227**  
 P.K. NAIL IN BITUMINOUS SHOULDER  
 SOUTH SIDE OF U.S. ROUTE 30,  
 WEST OF HICKORY CREEK  
 STA. 492+10.47, 3.05' RT.

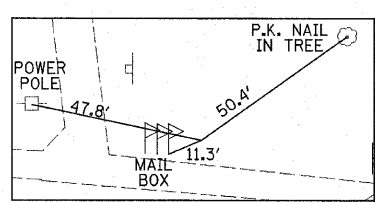
**82ND AVENUE ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	200+00.00	1763492.12	1126407.48
E.O.A.	205+00.00	1763992.11	1126404.30

**NOTES:**  
 EXISTING ROAD CONFIGURATION SHOWN  
 B.O.A. = BEGINNING OF ALIGNMENT  
 P.C. = POINT OF CURVATURE  
 P.R.C. = POINT OF REVERSE CURVATURE  
 P.T. = POINT OF TANGENT  
 P.I. = POINT OF INTERSECTION  
 E.O.A. = END OF ALIGNMENT  
 B.M. = BENCHMARK  
 C.P. = CONTROL POINT

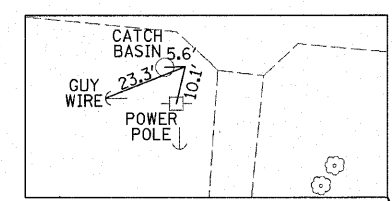
**84TH AVENUE ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	700+00.00	1763541.89	1125077.37
E.O.A.	704+00.00	1763942.06	1125075.07



**CONTROL POINT #225**  
 IRON ROD PIPE NORTH SIDE OF  
 U.S. ROUTE 30, OPPOSITE OF RIVER ROAD  
 STA. 505+44.72, 27.63' LT.

STA. 505+45.34 U.S. ROUTE 30 =  
 STA. 99+99.76 RIVER ROAD



**CONTROL POINT #220**  
 IRON ROD PIPE IN SOUTHWEST QUADRANT OF  
 U.S. ROUTE 30 AND 82ND AVENUE  
 STA. 513+42.27, 21.70' RT.

**CONTROL POINTS**

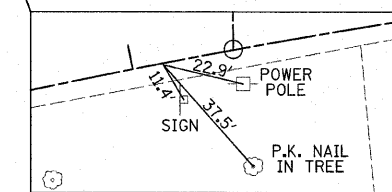
C.P. #	NORTHING	EASTING	STATION	OFFSET	ELEVATION
238	1763126.53	1122451.36	473+66.79	80.37' RT.	726.22
235	1763161.96	1122867.62	477+83.29	47.89' RT.	728.59
228	1763178.77	1124062.86	489+60.90	116.95' RT.	693.49
227	1763346.94	1124283.23	492+10.47	3.05' RT.	691.91
74	1763537.79	1125058.07	500+08.53	0.44' RT.	697.72
225	1763596.80	1125593.77	505+44.72	27.63' LT.	715.65
220	1763472.59	1126383.63	513+42.27	21.70' RT.	709.60

**NOTE:**  
 ANGLES AT 84TH AND RIVER  
 ARE MEASURED TO A LINE  
 TANGENT TO THE CURVE  
 ON US ROUTE 30

**NOTE:**  
 THREE TIE POINTS ARE PROVIDED ONLY TO FIND  
 GENERAL LOCATION OF CONTROL POINT, NOT TO  
 ACCURATELY RECREATE POINT

**RIVER ROAD ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	95+00.00	1763069.44	1125594.34
E.O.A.	99+99.76	1763569.20	1125592.29



**CONTROL POINT #74**  
 P.K. NAIL IN THE SOUTHEAST QUADRANT  
 U.S. ROUTE 30 AND ENTRANCE TO HARLEY GIFTS  
 STA. 500+08.53, 0.44' RT.

**CURVE #4**  
 P.I. STA= 502+49.40  
 $\Delta$ = 19° 14' 50"  
 D= 2° 51' 53"  
 R= 2,000.00'  
 T= 339.12'  
 L= 671.86'  
 E= 28.55'  
 $e$ = 0.032  
 T.R.= 93.75'  
 S.E. RUN= 150'  
 P.C. STA= 499+10.27  
 P.T. STA= 505+82.13

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30  
 ALIGNMENT, TIES AND BENCHMARKS**  
 STATION 465+00 TO STATION 515+00

100 0 100  
 SCALE IN FEET

DATE 6/11/2010 DRAWN BY JRR  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	51
STA. 515+00		TO STA. 543+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



**HILLSIDE ROAD ALIGNMENT**

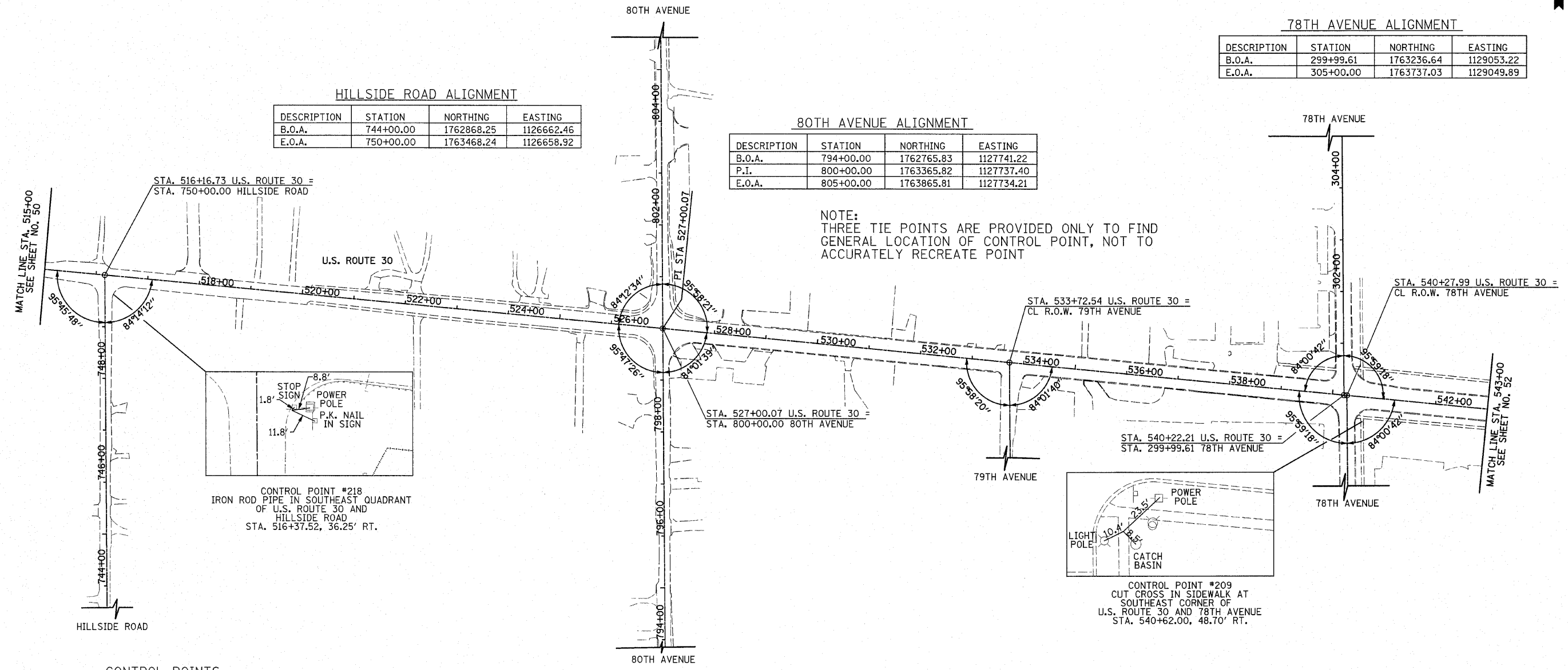
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	744+00.00	1762868.25	1126662.46
E.O.A.	750+00.00	1763468.24	1126658.92

**80TH AVENUE ALIGNMENT**

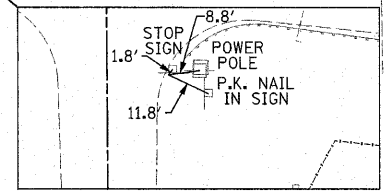
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	794+00.00	1762765.83	1127741.22
P.I.	800+00.00	1763365.82	1127737.40
E.O.A.	805+00.00	1763865.81	1127734.21

**78TH AVENUE ALIGNMENT**

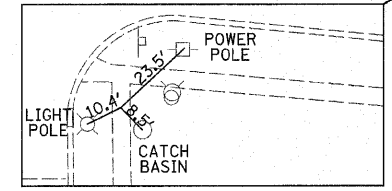
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	299+99.61	1763236.64	1129053.22
E.O.A.	305+00.00	1763737.03	1129049.89



NOTE:  
THREE TIE POINTS ARE PROVIDED ONLY TO FIND  
GENERAL LOCATION OF CONTROL POINT, NOT TO  
ACCURATELY RECREATE POINT



CONTROL POINT #218  
IRON ROD PIPE IN SOUTHEAST QUADRANT  
OF U.S. ROUTE 30 AND  
HILLSIDE ROAD  
STA. 516+37.52, 36.25' RT.



CONTROL POINT #209  
CUT CROSS IN SIDEWALK AT  
SOUTHEAST CORNER OF  
U.S. ROUTE 30 AND 78TH AVENUE  
STA. 540+62.00, 48.70' RT.

**CONTROL POINTS**

C.P. #	NORTHING	EASTING	STATION	OFFSET	ELEVATION
218	1763430.19	1126676.18	516+37.52	36.25' RT.	698.19
209	1763184.29	1129088.06	540+62.00	48.70' RT.	731.83

NOTES:  
EXISTING ROAD CONFIGURATION SHOWN  
B.O.A. = BEGINNING OF ALIGNMENT  
P.C. = POINT OF CURVATURE  
P.R.C. = POINT OF REVERSE CURVATURE  
P.T. = POINT OF TANGENT  
P.I. = POINT OF INTERSECTION  
E.O.A. = END OF ALIGNMENT  
B.M. = BENCHMARK  
C.P. = CONTROL POINT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30  
ALIGNMENT, TIES AND BENCHMARKS**

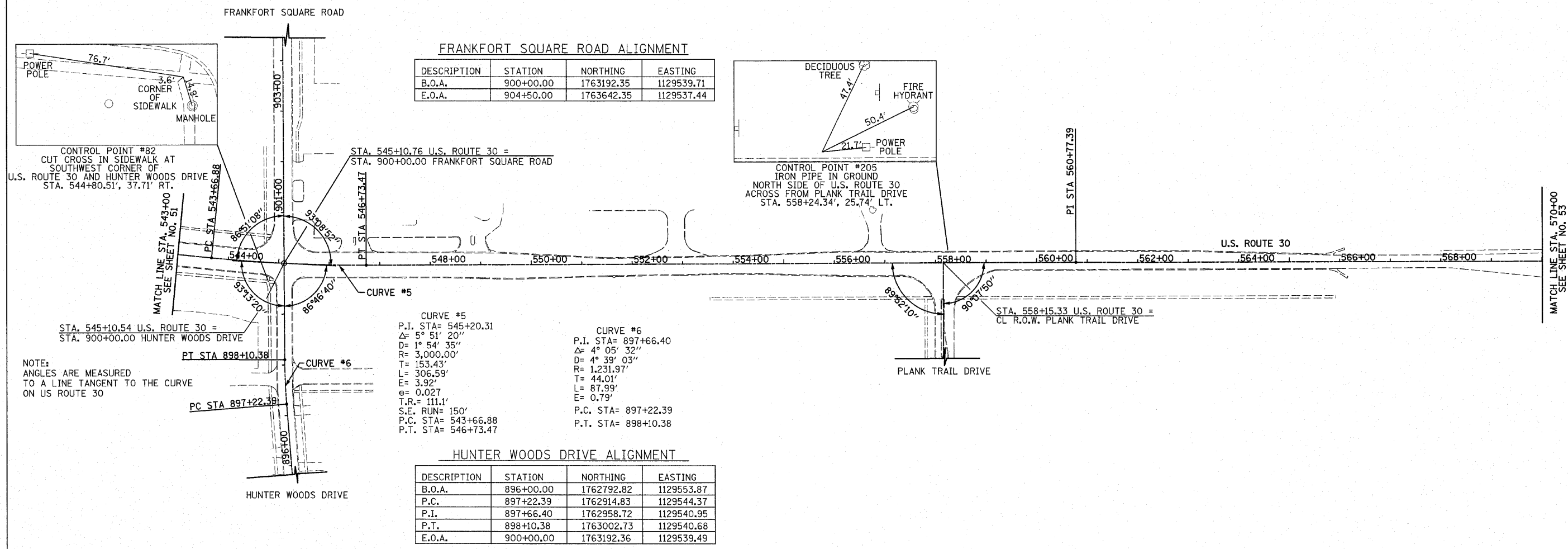
STATION 515+00 TO STATION 543+00

SCALE IN FEET

DATE 6/11/2010

DRAWN BY JRR  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	52
STA. 543+00		TO STA. 570+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**FRANKFORT SQUARE ROAD ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	900+00.00	1763192.35	1129539.71
E.O.A.	904+50.00	1763642.35	1129537.44

**CURVE #5**

P.I. STA=	545+20.31
Δ=	5° 51' 20"
D=	1° 54' 35"
R=	3,000.00'
T=	153.43'
L=	306.59'
E=	3.92'
e=	0.027
T.R.=	111.1'
S.E. RUN=	150'
P.C. STA=	543+66.88
P.T. STA=	546+73.47

**CURVE #6**

P.I. STA=	897+66.40
Δ=	4° 05' 32"
D=	4° 39' 03"
R=	1,231.97'
T=	44.01'
L=	87.99'
E=	0.79'
P.C. STA=	897+22.39
P.T. STA=	898+10.38

**HUNTER WOODS DRIVE ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	896+00.00	1762792.82	1129553.87
P.C.	897+22.39	1762914.83	1129544.37
P.I.	897+66.40	1762958.72	1129540.95
P.T.	898+10.38	1763002.73	1129540.68
E.O.A.	900+00.00	1763192.36	1129539.49

**CONTROL POINTS**

C.P. #	NORTHING	EASTING	STATION	OFFSET	ELEVATION
82	1763156.37	1129507.25	544+80.51	37.71' RT.	730.54
205	1763219.38	1130853.11	558+24.34	25.74' LT.	743.95

NOTE:  
THREE TIE POINTS ARE PROVIDED ONLY TO FIND GENERAL LOCATION OF CONTROL POINT, NOT TO ACCURATELY RECREATE POINT

NOTES:  
EXISTING ROAD CONFIGURATION SHOWN  
B.O.A. = BEGINNING OF ALIGNMENT  
P.C. = POINT OF CURVATURE  
P.R.C. = POINT OF REVERSE CURVATURE  
P.T. = POINT OF TANGENT  
P.I. = POINT OF INTERSECTION  
E.O.A. = END OF ALIGNMENT  
B.M. = BENCHMARK  
C.P. = CONTROL POINT

REVISIONS	
NAME	DATE

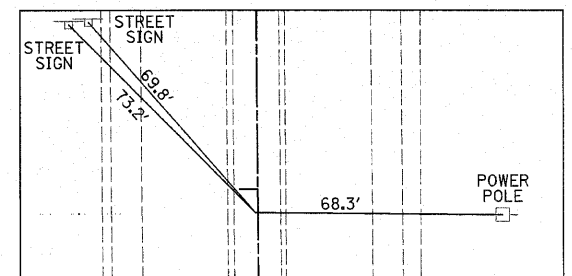
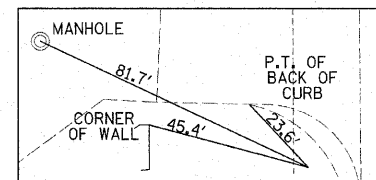
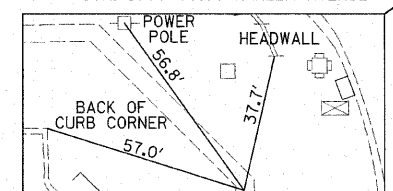
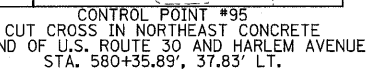
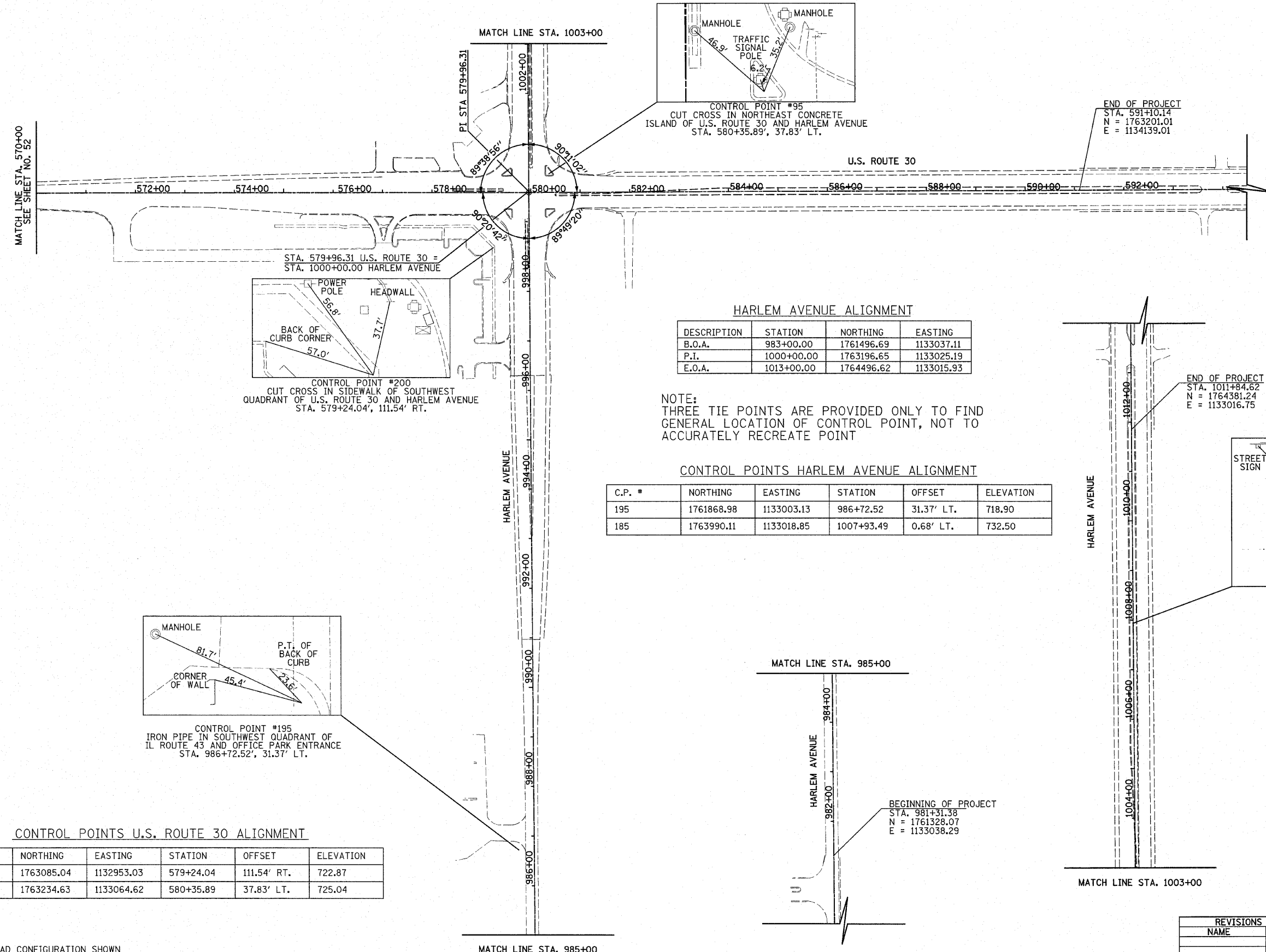
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30**  
ALIGNMENT, TIES AND BENCHMARKS  
STATION 543+00 TO STATION 570+00

SCALE IN FEET  
100 0 100

DATE 6/11/2010

DRAWN BY JRR  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	53
STA. 570+00		TO STA. 594+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**HARLEM AVENUE ALIGNMENT**

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	983+00.00	1761496.69	1133037.11
P.I.	1000+00.00	1763196.65	1133025.19
E.O.A.	1013+00.00	1764496.62	1133015.93

NOTE:  
THREE TIE POINTS ARE PROVIDED ONLY TO FIND GENERAL LOCATION OF CONTROL POINT, NOT TO ACCURATELY RECREATE POINT

**CONTROL POINTS HARLEM AVENUE ALIGNMENT**

C.P. #	NORTHING	EASTING	STATION	OFFSET	ELEVATION
195	1761868.98	1133003.13	986+72.52	31.37' LT.	718.90
185	1763990.11	1133018.85	1007+93.49	0.68' LT.	732.50

**CONTROL POINTS U.S. ROUTE 30 ALIGNMENT**

C.P. #	NORTHING	EASTING	STATION	OFFSET	ELEVATION
200	1763085.04	1132953.03	579+24.04	111.54' RT.	722.87
95	1763234.63	1133064.62	580+35.89	37.83' LT.	725.04

NOTES:  
EXISTING ROAD CONFIGURATION SHOWN  
B.O.A. = BEGINNING OF ALIGNMENT  
P.C. = POINT OF CURVATURE  
P.R.C. = POINT OF REVERSE CURVATURE  
P.T. = POINT OF TANGENT  
P.I. = POINT OF INTERSECTION  
E.O.A. = END OF ALIGNMENT  
B.M. = BENCHMARK  
C.P. = CONTROL POINT

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30  
ALIGNMENT, TIES AND BENCHMARKS**

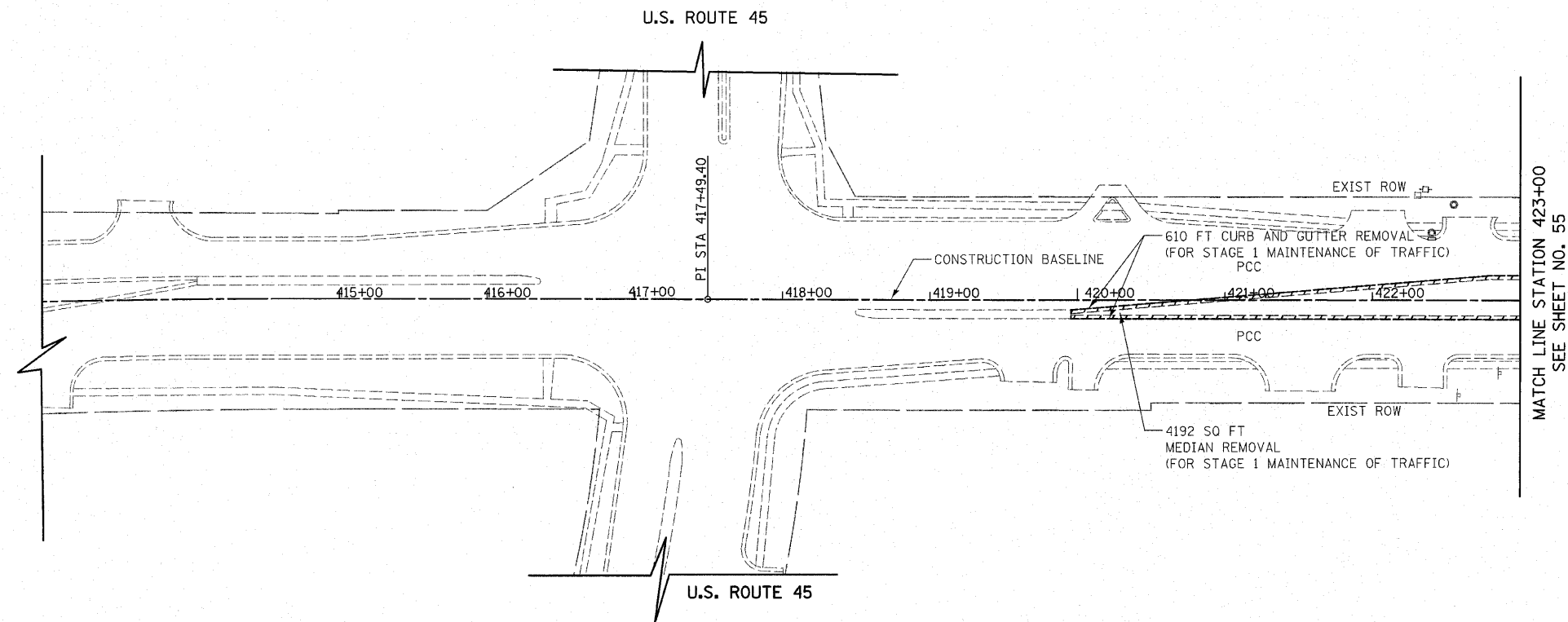
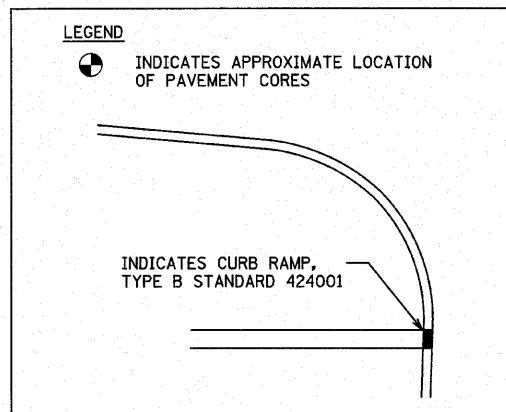
STATION 570+00 TO STATION 594+00

100 0 100  
SCALE IN FEET

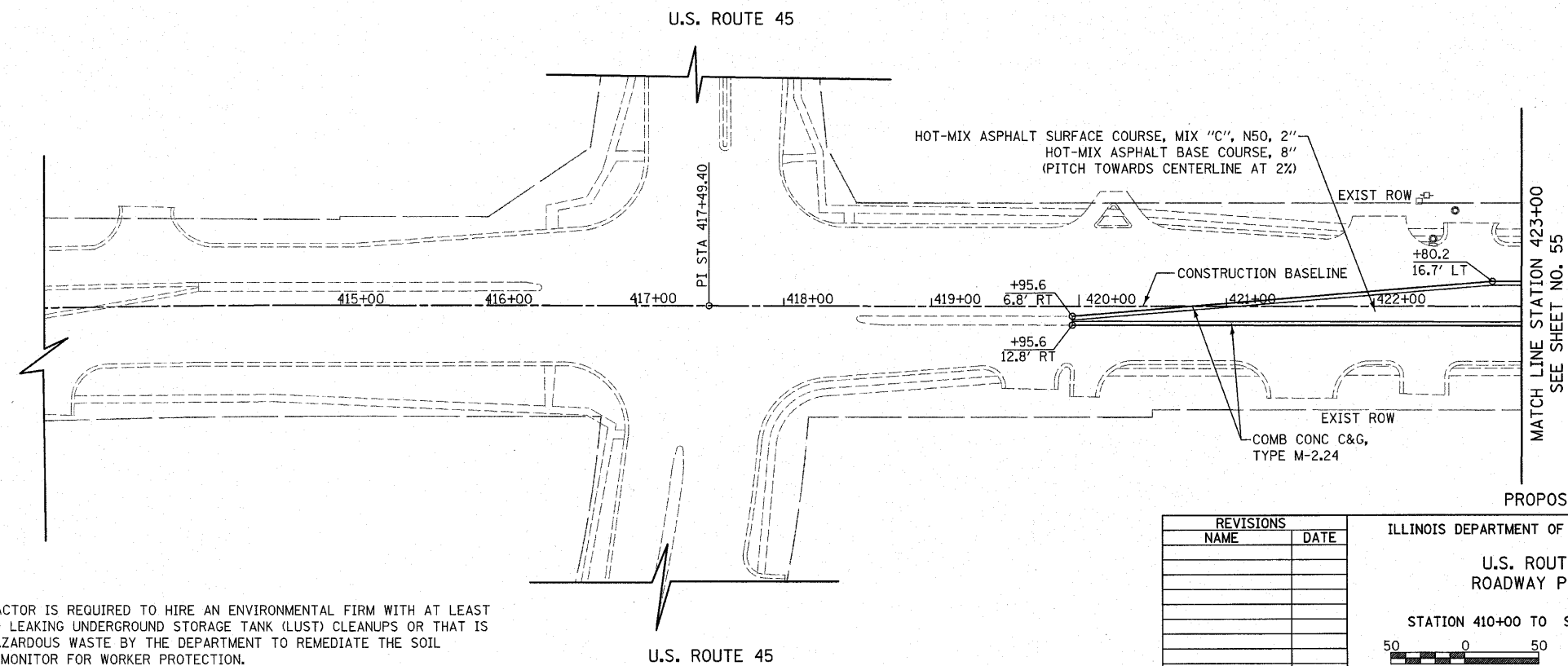
DATE 6/11/2010

DRAWN BY JRR  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	54
STA. 410+00		TO STA. 423+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



EXISTING U.S. ROUTE 30



PROPOSED U.S. ROUTE 30

**NOTE:**  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**U.S. ROUTE 30 ROADWAY PLANS**

STATION 410+00 TO STATION 423+00

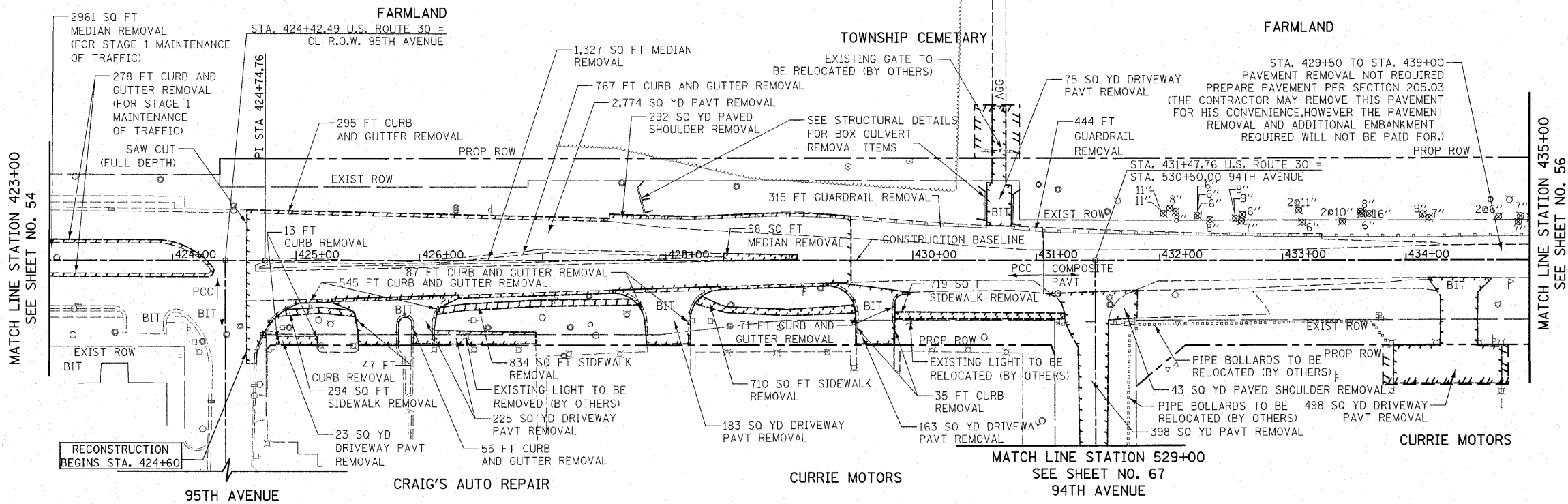
SCALE IN FEET

DATE 6/11/2010

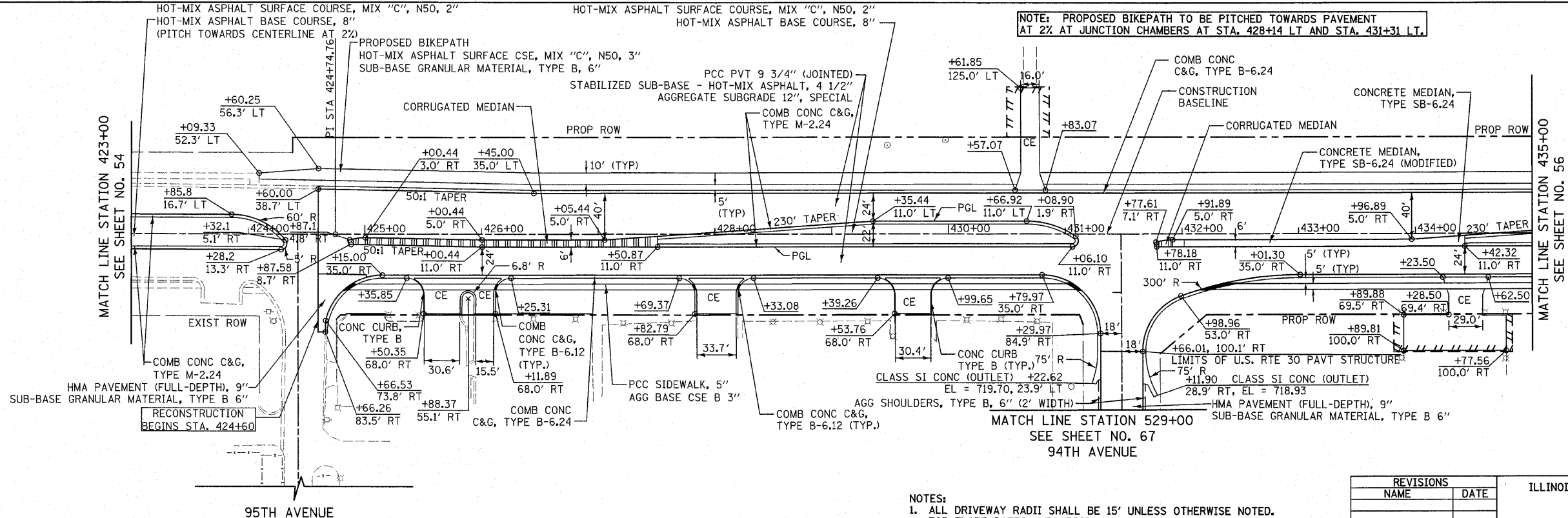
DRAWN BY DJK  
CHECKED BY JRV



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	55
STA. 423+00		TO STA. 435+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING U.S. ROUTE 30



PROPOSED U.S. ROUTE 30

**NOTE:**  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

- NOTES:**
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
ROADWAY PLANS

STATION 423+00 TO STATION 435+00

SCALE IN FEET

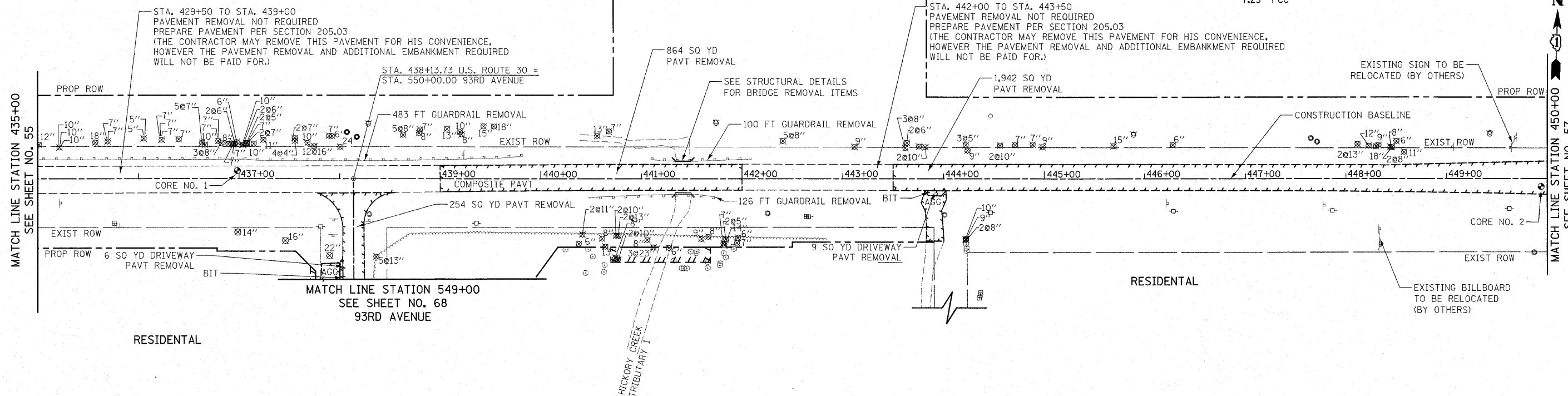
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	56
STA. 435+00		TO STA. 450+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

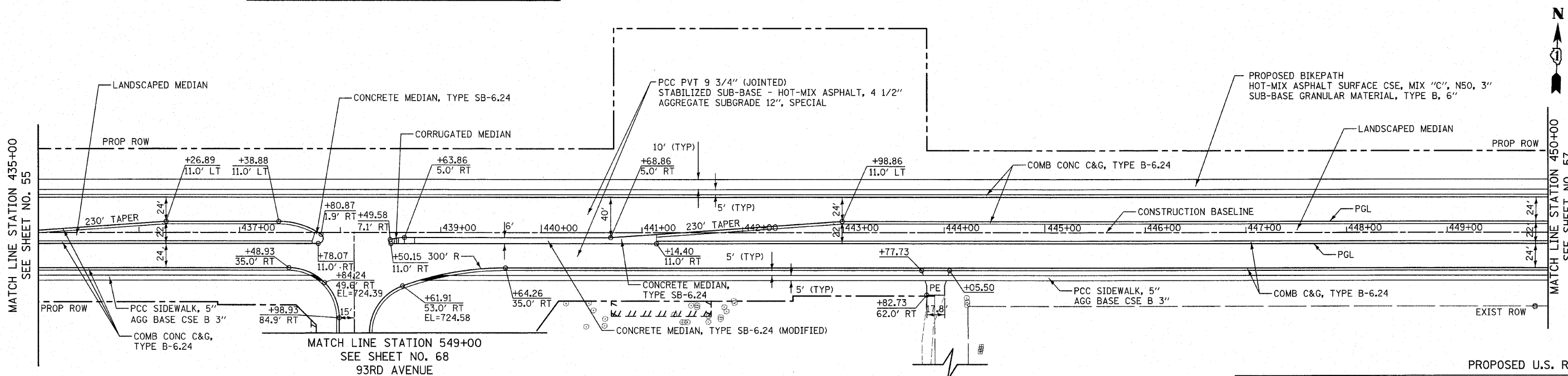
PAVEMENT CORE NO. 1  
9.5" BITUMINOUS  
6.75" PCC

PAVEMENT CORE NO. 2  
11.75" BITUMINOUS  
7.25" PCC



EXISTING U.S. ROUTE 30

NOTE: PROPOSED BIKEPATH TO BE PITCHED TOWARDS PAVEMENT AT 2% AT JUNCTION CHAMBER AT STA. 440+71 LT.



PROPOSED U.S. ROUTE 30

- NOTES:
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  - ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  - FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
ROADWAY PLANS

STATION 435+00 TO STATION 450+00

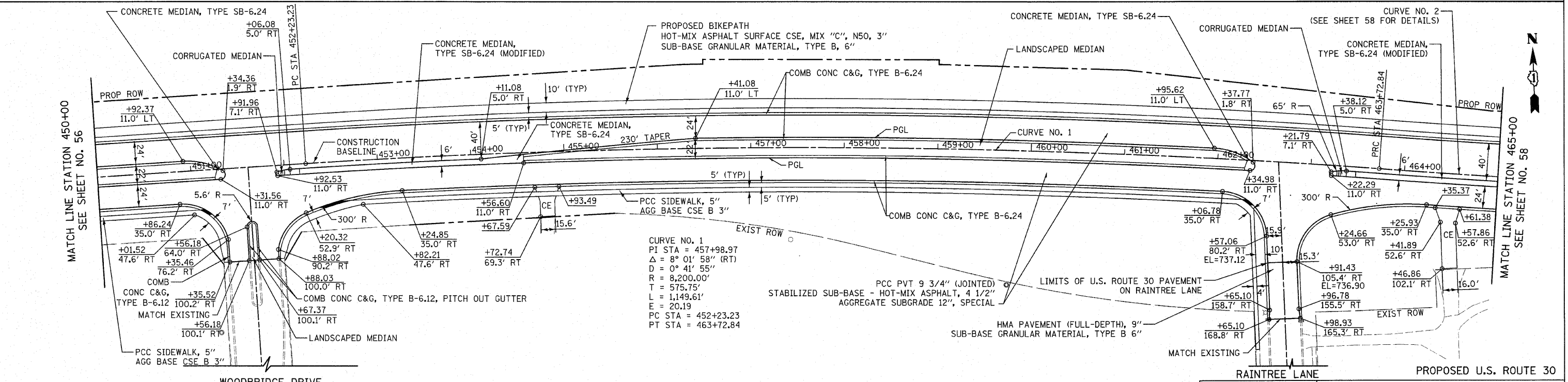
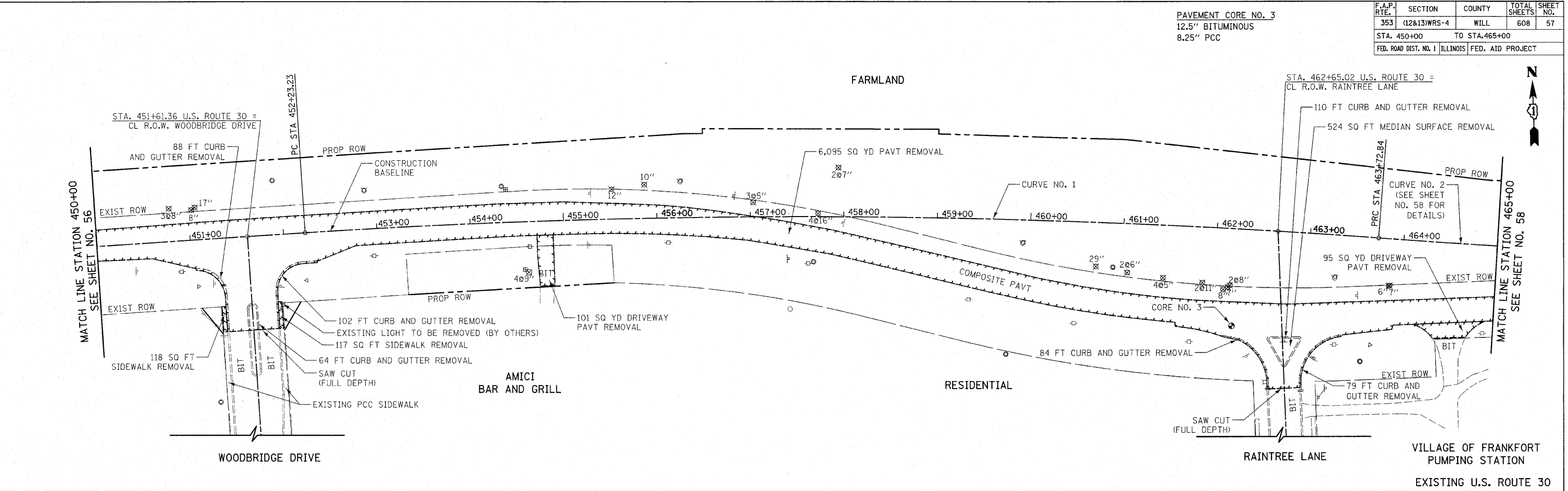
SCALE IN FEET  
0 50

DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

PAVEMENT CORE NO. 3  
12.5" BITUMINOUS  
8.25" PCC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	57
STA. 450+00 TO STA. 465+00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- NOTES:
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.

REVISIONS	NAME	DATE

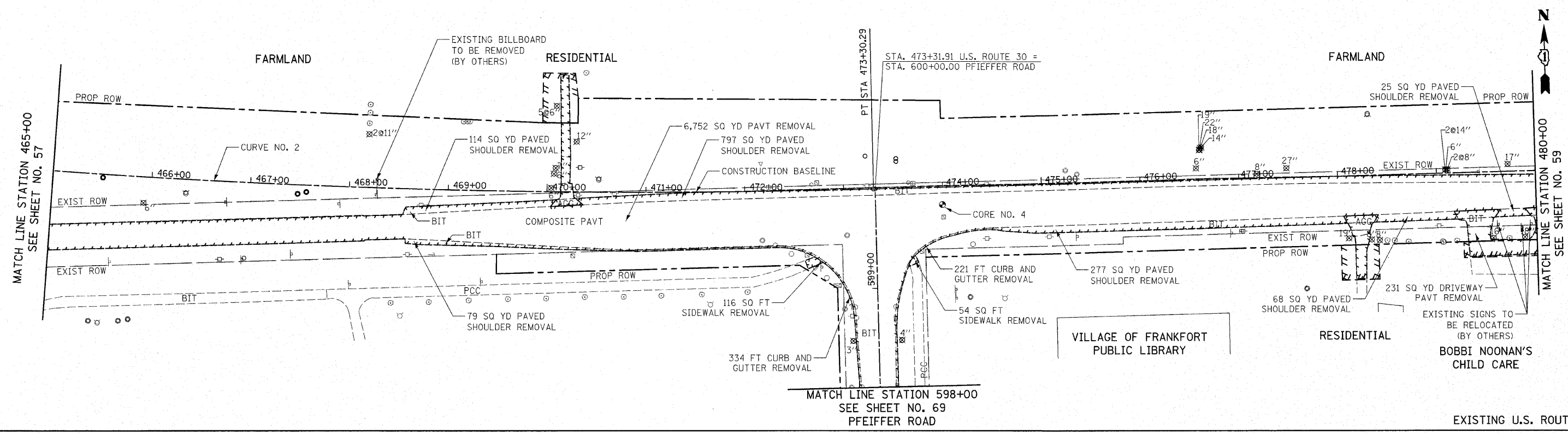
ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
ROADWAY PLANS  
STATION 450+00 TO STATION 465+00

SCALE IN FEET  
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

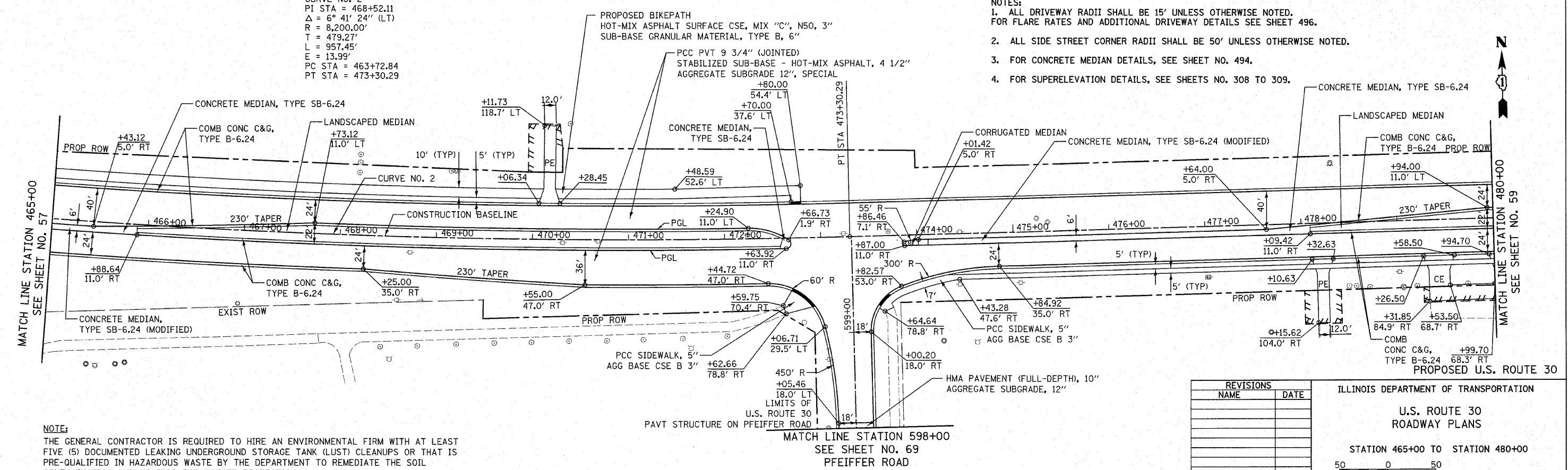
PAVEMENT CORE NO. 4  
11.5" BITUMINOUS  
7" PCC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	58
STA. 465+00		TO STA. 480+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



CURVE NO. 2  
PI STA = 468+52.11  
Δ = 6° 41' 24" (LT)  
R = 8,200.00'  
T = 479.27'  
L = 957.45'  
E = 13.99'  
PC STA = 463+72.84  
PT STA = 473+30.29

- NOTES:
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
  4. FOR SUPERELEVATION DETAILS, SEE SHEETS NO. 308 TO 309.



NOTE:  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**U.S. ROUTE 30  
ROADWAY PLANS**

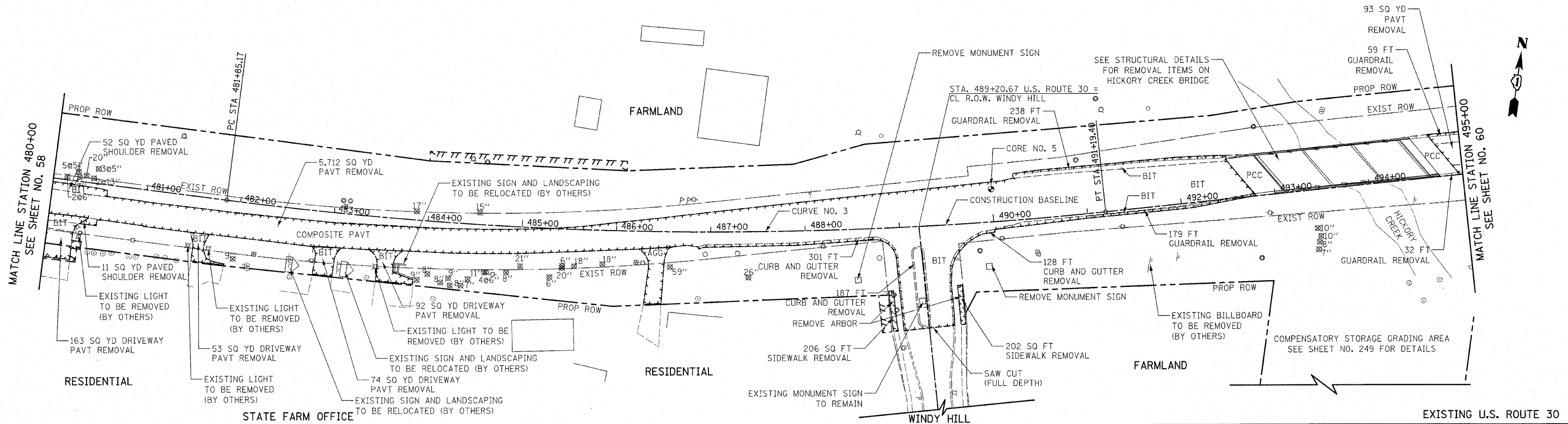
STATION 465+00 TO STATION 480+00

SCALE IN FEET

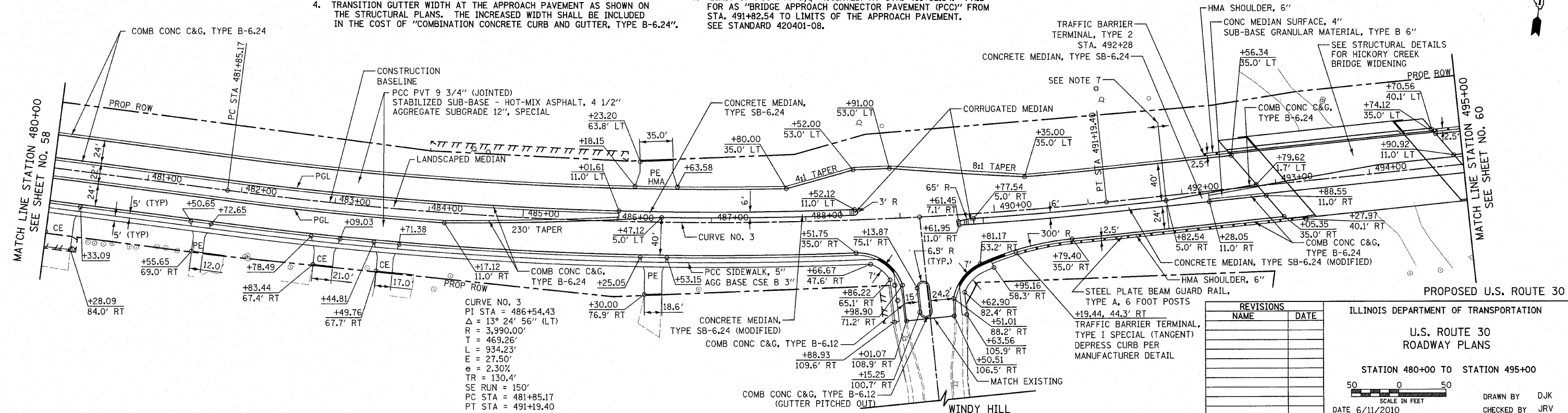
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	59
STA. 480+00		TO STA. 495+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



- NOTES:
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  - ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  - FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
  - TRANSITION GUTTER WIDTH AT THE APPROACH PAVEMENT AS SHOWN ON THE STRUCTURAL PLANS. THE INCREASED WIDTH SHALL BE INCLUDED IN THE COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".
  - FOR SUPERELEVATION DETAILS, AND GRADING FROM STA. 490+00 TO HICKORY CREEK BRIDGE, SEE SHEET NO. 301.
  - FOR DETAILS OF HMA SHOULDER BEHIND CURB AND GUTTER, SEE SHEET NO. 500.
  - LIMIT OF PCC PVT 9 3/4" (JOINTED) AT STA. 491+82.54. PAID FOR AS "BRIDGE APPROACH CONNECTOR PAVEMENT (PCC)" FROM STA. 491+82.54 TO LIMITS OF THE APPROACH PAVEMENT. SEE STANDARD 420401-08.

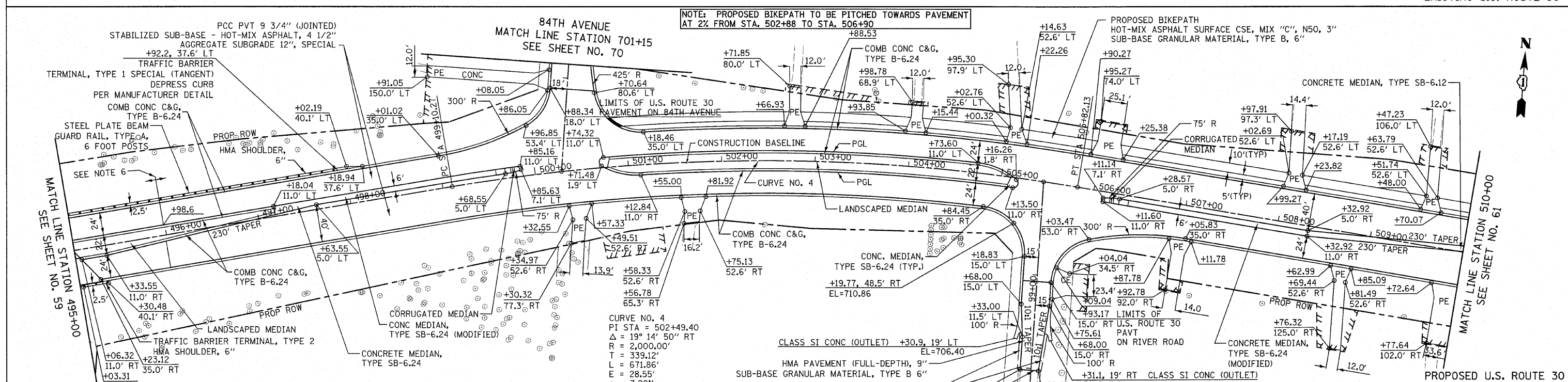
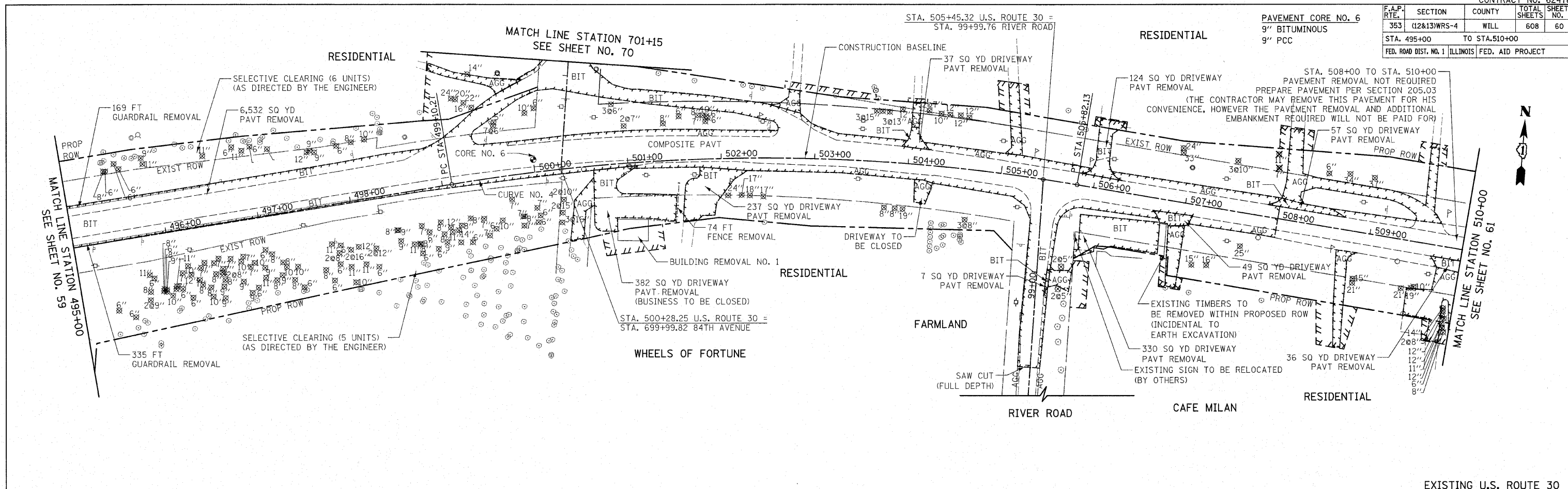


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30  
 ROADWAY PLANS  
 STATION 480+00 TO STATION 495+00  
 SCALE IN FEET  
 DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRV



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
353	(12&13)WRS-4	WILL	608	60
STA. 495+00 TO STA. 510+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



- NOTES:
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
  4. FOR SUPERELEVATION DETAILS, SEE SHEET NO. 310 TO 311.

5. TRANSITION GUTTER WIDTH AT THE APPROACH PAVEMENT AS SHOWN ON THE STRUCTURAL PLANS. THE INCREASED WIDTH SHALL INCLUDED IN THE COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".
6. LIMIT OF PCC PVT 9 3/4" (JOINTED) AT STA. 495+98.6. PAID FOR AS "BRIDGE APPROACH CONNECTOR PAVEMENT (PCC)" FROM STA. 495+98.6 TO LIMITS OF APPROACH PAVEMENT. SEE STANDARD 420401-08.

NOTE: THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30  
 ROADWAY PLANS  
 STATION 495+00 TO STATION 510+00

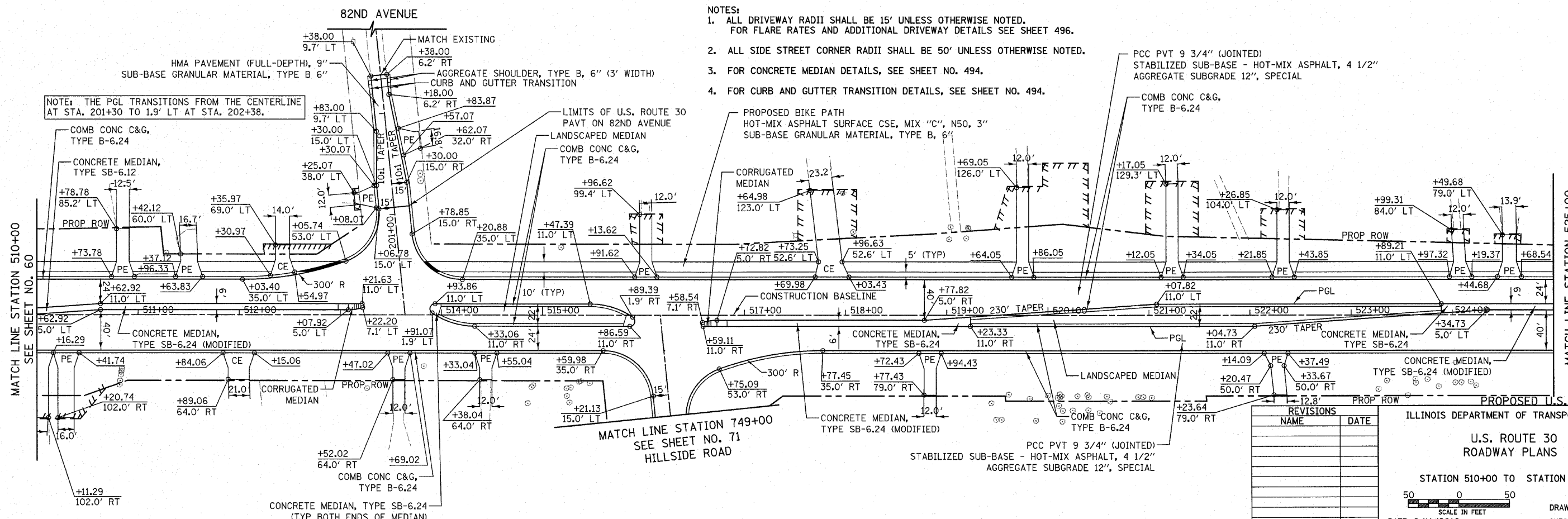
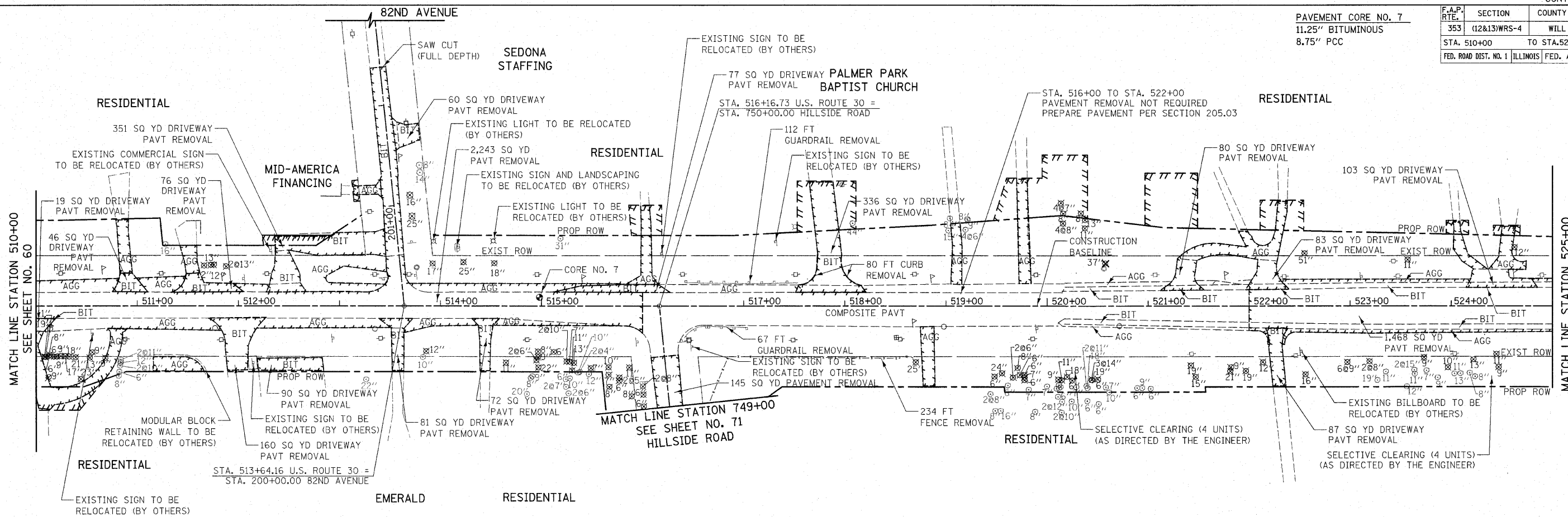
50 0 50  
 SCALE IN FEET  
 DATE 6/11/2010

DRAWN BY DJK  
 CHECKED BY JRV



PAVEMENT CORE NO. 7  
11.25" BITUMINOUS  
8.75" PCC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	61
STA. 510+00		TO STA. 525+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



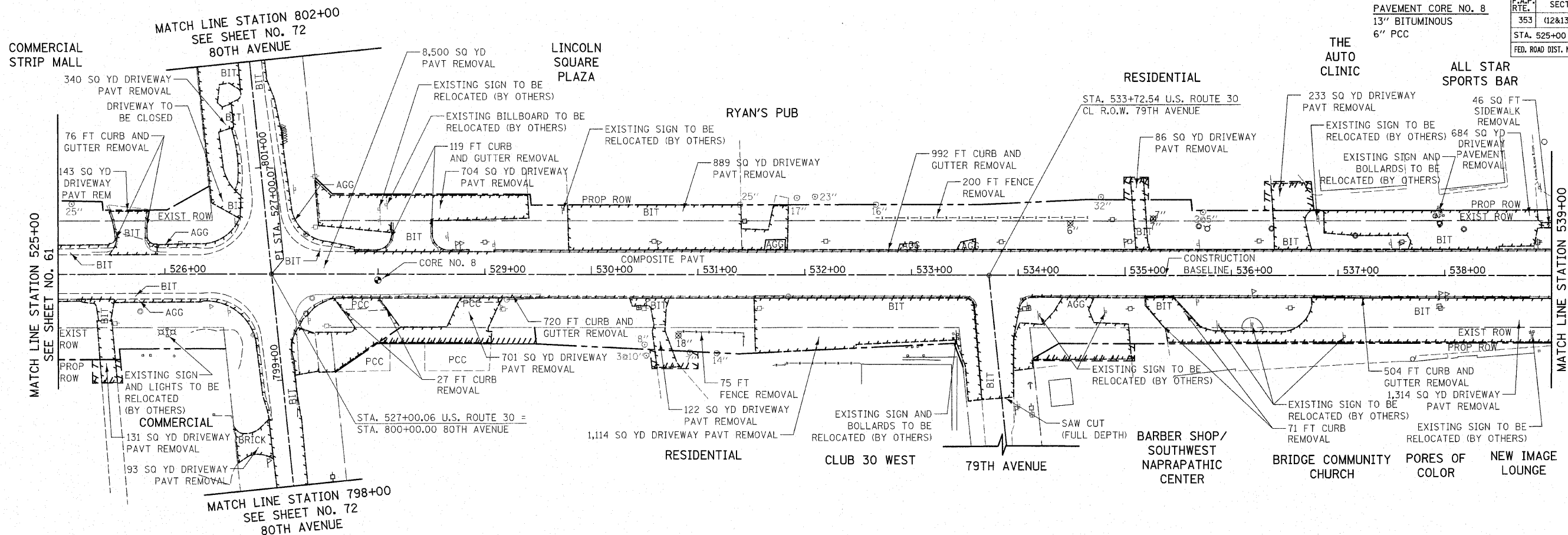
- NOTES:
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
  4. FOR CURB AND GUTTER TRANSITION DETAILS, SEE SHEET NO. 494.

REVISIONS	DATE

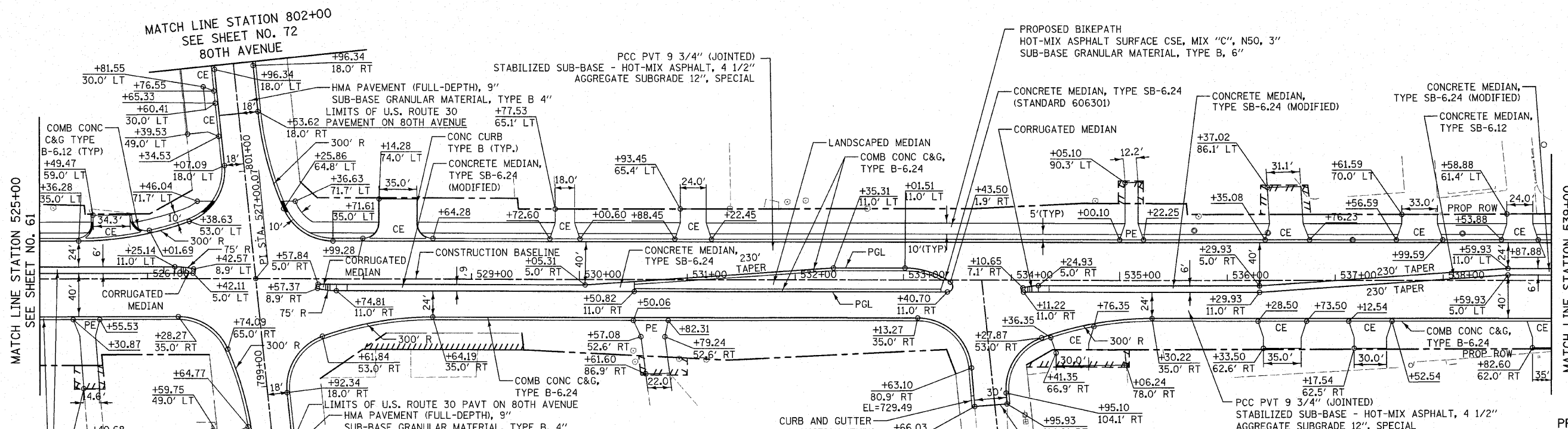
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30 ROADWAY PLANS**  
 STATION 510+00 TO STATION 525+00  
 SCALE IN FEET  
 DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRJ

PAVEMENT CORE NO. 8  
13" BITUMINOUS  
6" PCC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	62
STA. 525+00 TO STA. 539+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



EXISTING U.S. ROUTE 30



- NOTES:
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
  4. FOR CURB AND GUTTER TRANSITION DETAILS, SEE SHEET NO. 494.

NOTE:  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

REVISIONS	
NAME	DATE

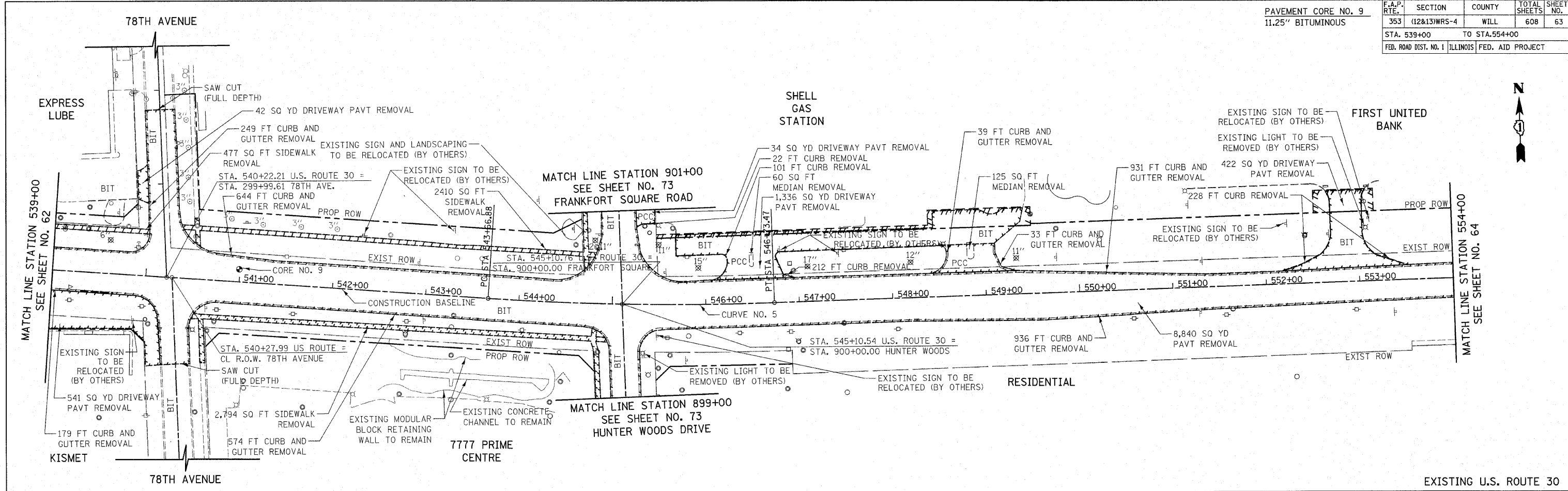
ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
ROADWAY PLANS  
STATION 525+00 TO STATION 539+00

SCALE IN FEET  
DATE 6/11/2010

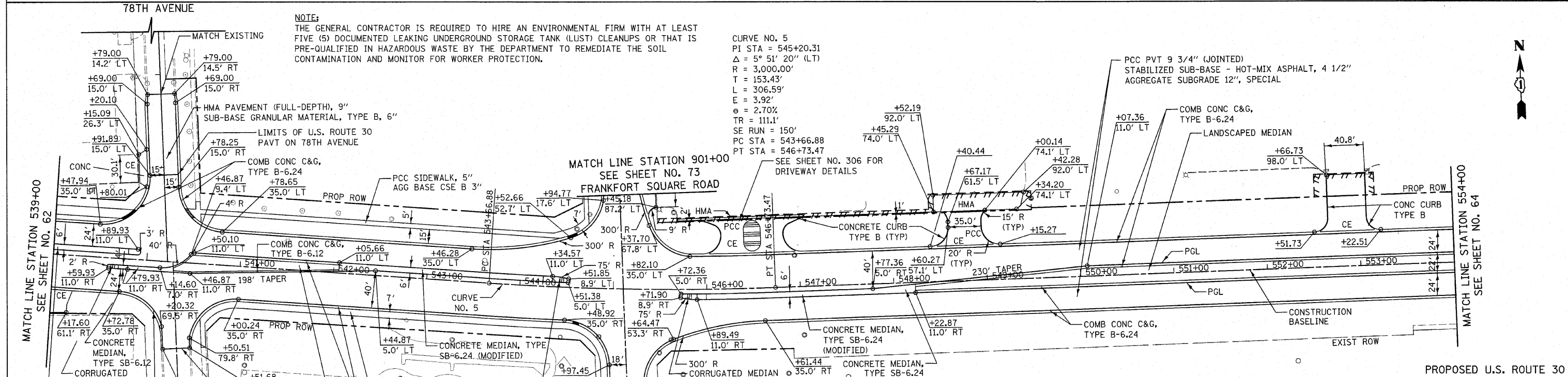
DRAWN BY DJK  
CHECKED BY JRV

PAVEMENT CORE NO. 9  
11.25" BITUMINOUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	63
STA. 539+00		TO STA. 554+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTE:**  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



**CURVE NO. 5**  
 PI STA = 545+20.31  
 $\Delta = 5^\circ 51' 20''$  (LT)  
 R = 3,000.00'  
 T = 153.43'  
 L = 306.59'  
 E = 3.92'  
 $e = 2.70\%$   
 TR = 111.1'  
 SE RUN = 150'  
 PC STA = 543+66.88  
 PT STA = 546+73.47

- NOTES:**
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
  4. FOR SUPERELEVATION DETAILS, SEE SHEET NO. 312 TO 313.
  5. FOR CURB AND GUTTER TRANSITION DETAILS, SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30 ROADWAY PLANS**  
 STATION 539+00 TO STATION 554+00

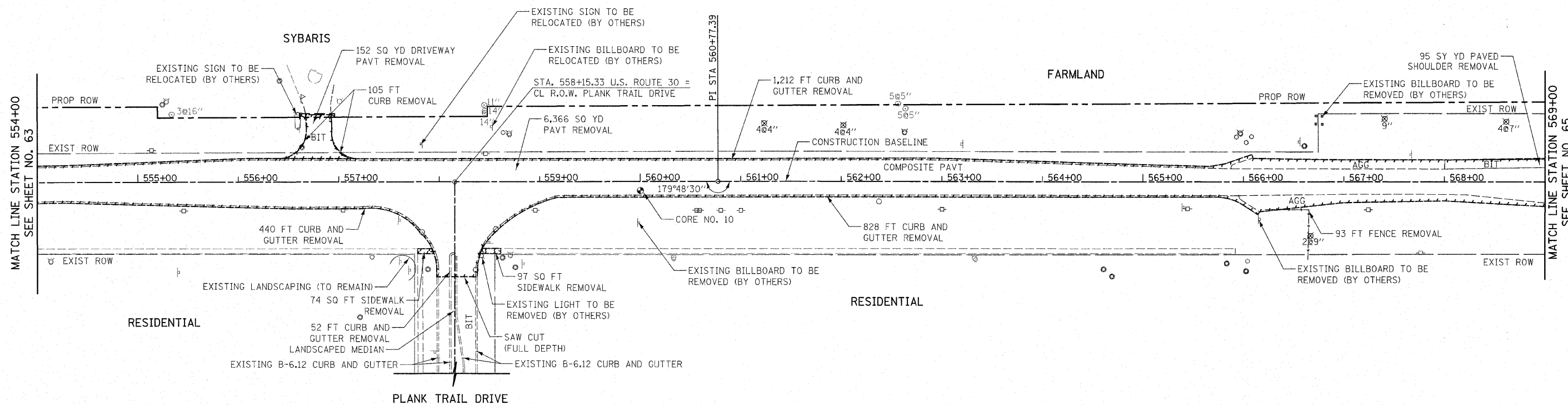
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DATE 6/11/2010

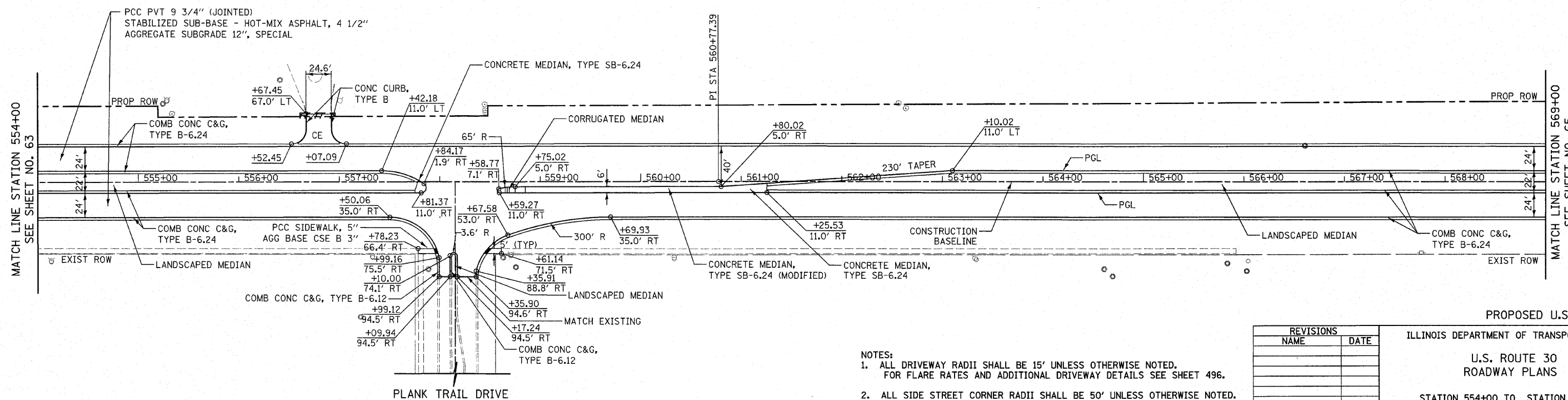
DRAWN BY DJK  
 CHECKED BY JRV

PAVEMENT CORE NO. 10  
12" BITUMINOUS  
9" PCC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	64
STA. 554+00		TO STA. 569+00		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		



EXISTING U.S. ROUTE 30



PROPOSED U.S. ROUTE 30

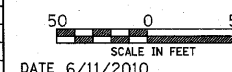
- NOTES:
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  - ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  - FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
ROADWAY PLANS

STATION 554+00 TO STATION 569+00

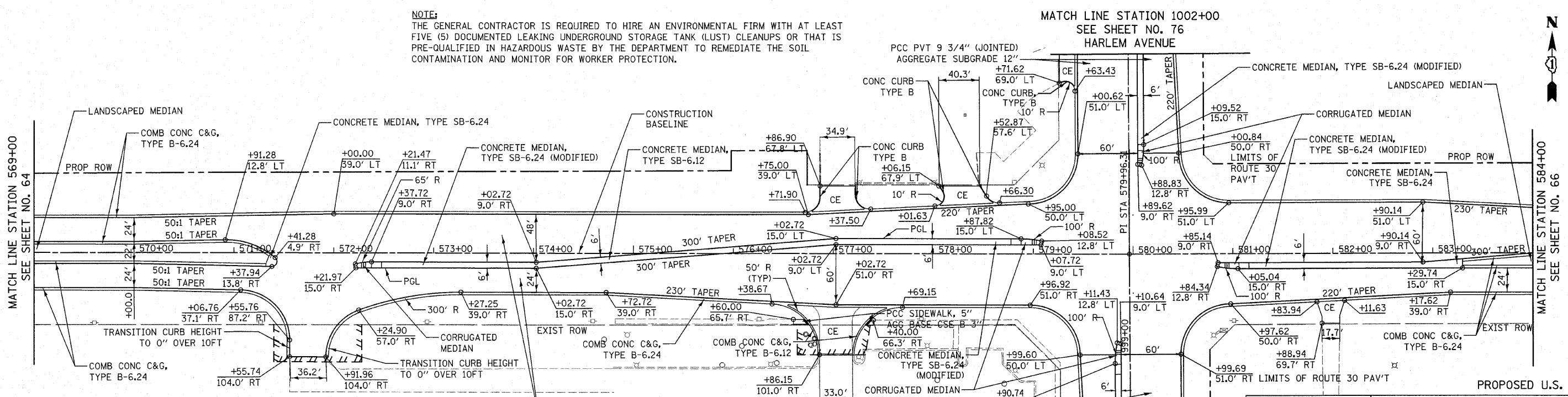
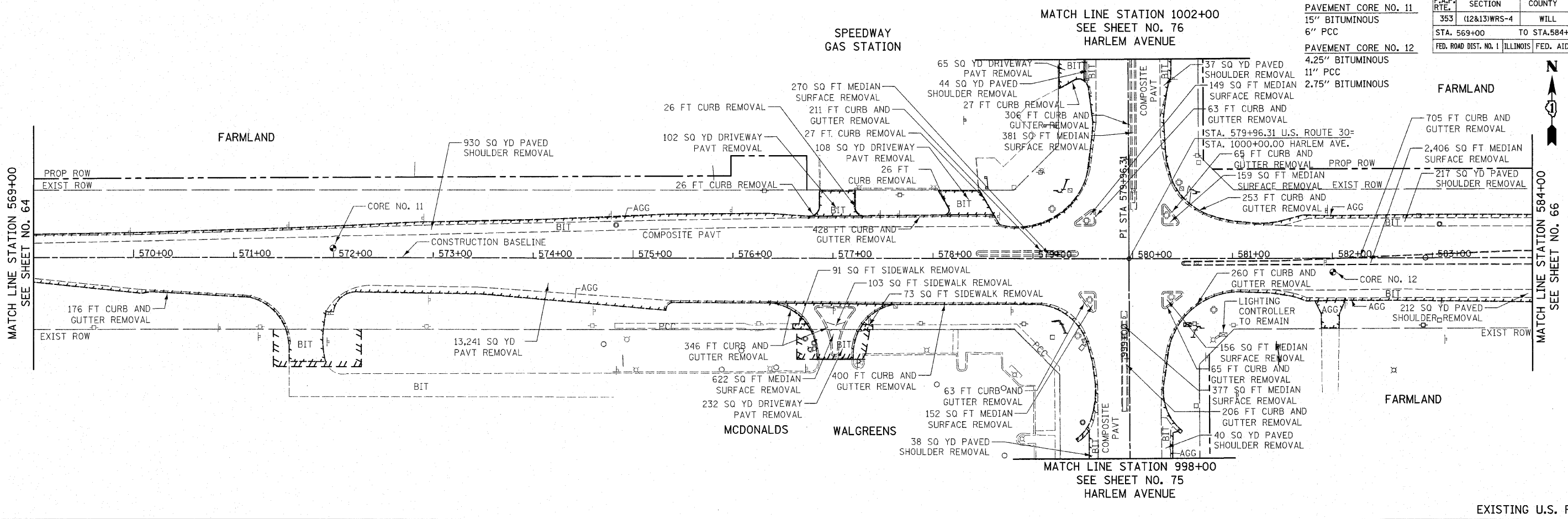


DRAWN BY DJK  
CHECKED BY JRV

DATE 6/11/2010



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	65
STA. 569+00		TO STA. 584+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**NOTE:**  
 THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

- NOTES:**
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
  2. ALL SIDE STREET CORNER RADII SHALL BE 50' UNLESS OTHERWISE NOTED.
  3. FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**U.S. ROUTE 30 ROADWAY PLANS**

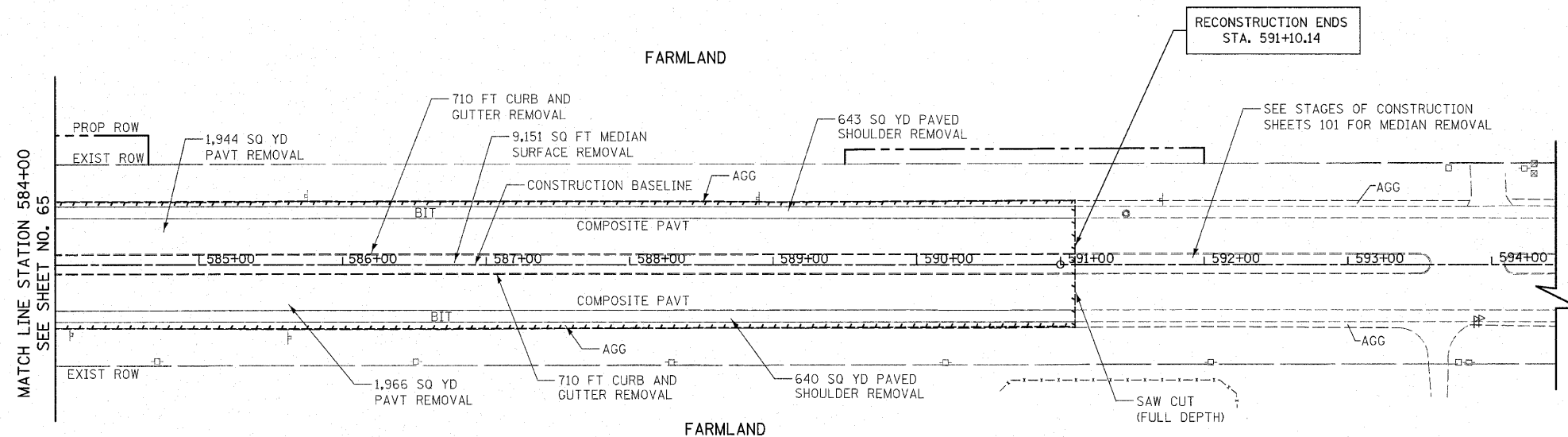
STATION 569+00 TO STATION 584+00

SCALE IN FEET

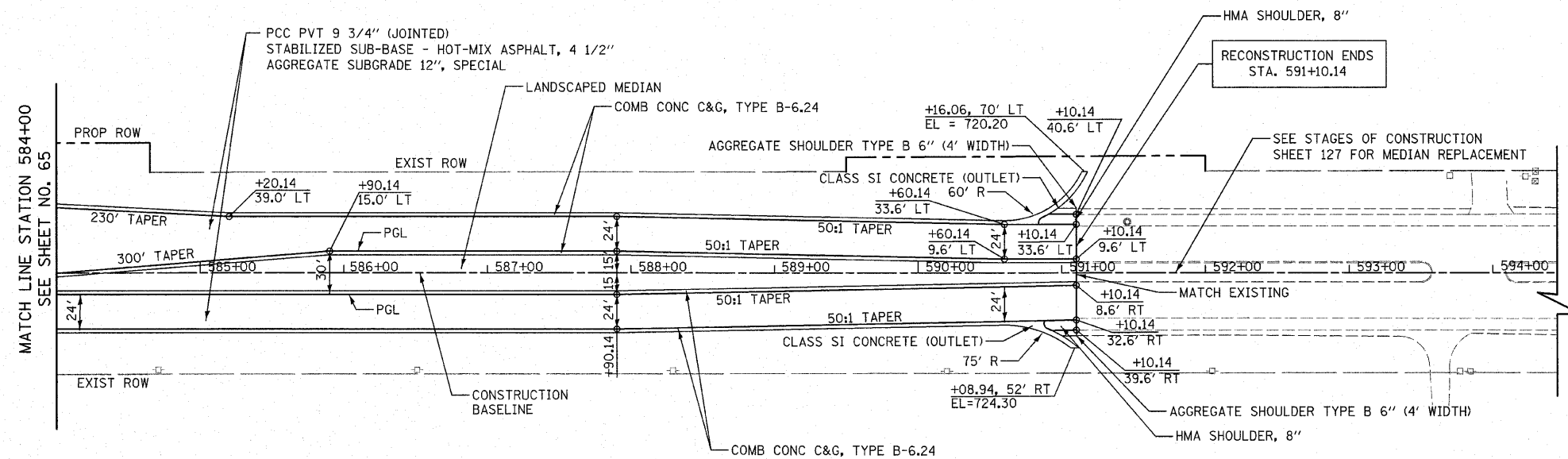
DATE 6/11/2010

DRAWN BY DJK  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	66
STA. 584+00		TO STA. 591+10.14		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING U.S. ROUTE 30



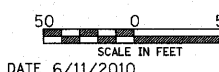
PROPOSED U.S. ROUTE 30

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
ROADWAY PLANS

STATION 584+00 TO STATION 591+10.14



DRAWN BY DJK  
CHECKED BY JRJ

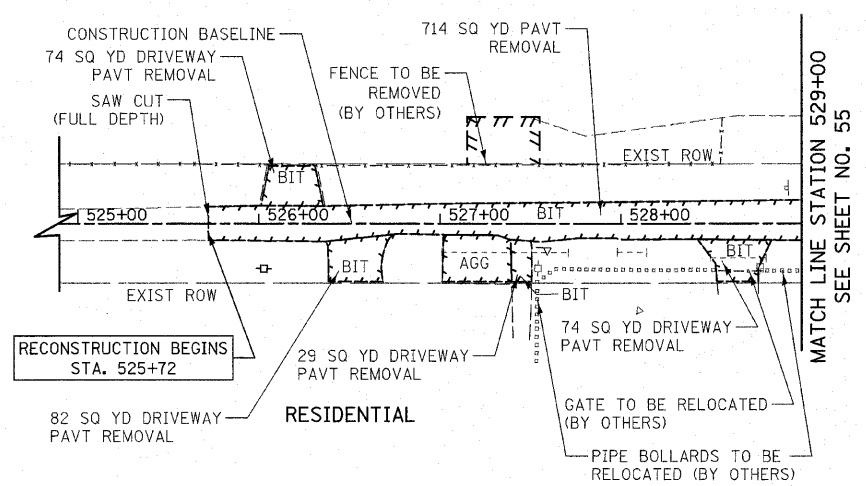
DATE 6/11/2010



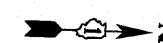
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	67
STA. 525+72		TO STA. 529+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



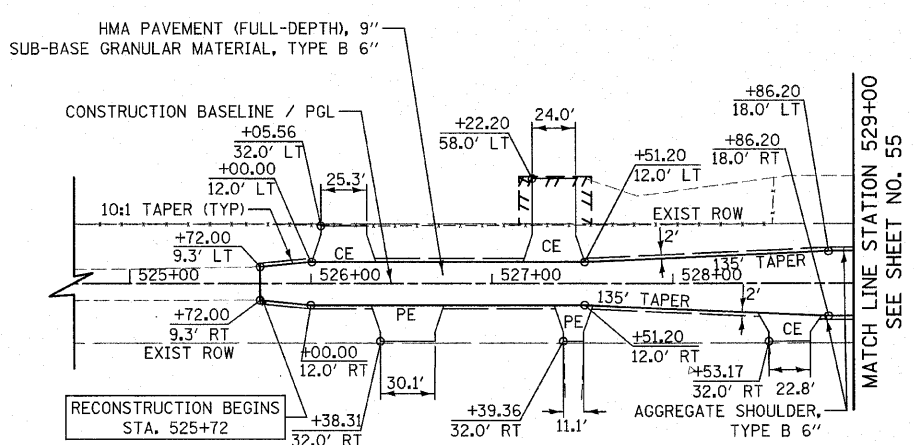
**CURRIE MOTORS**



**EXISTING 94TH AVENUE**



**NOTE:**  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



**PROPOSED 94TH AVENUE**

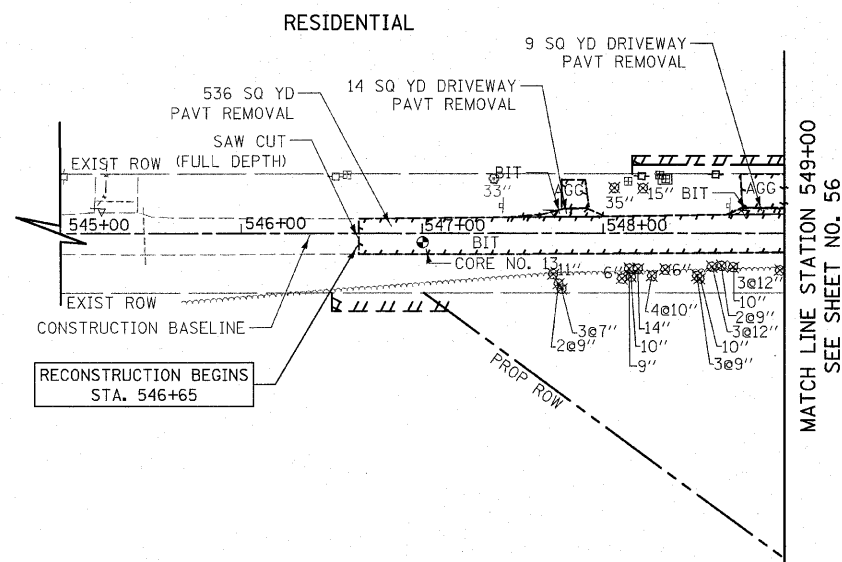
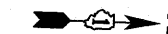
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
- ALL PROPOSED DRIVEWAYS SHOWN ON THIS SHEET SHALL BE PORTLAND CEMENT CONCRETE.

REVISIONS	
NAME	DATE

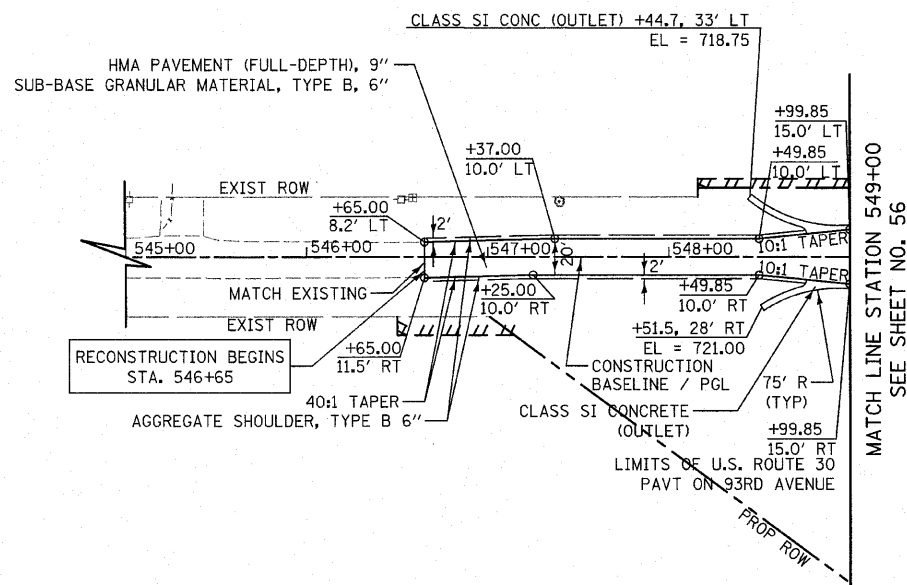
ILLINOIS DEPARTMENT OF TRANSPORTATION  
94TH AVENUE  
ROADWAY PLANS  
STATION 525+72 TO STATION 529+00  
SCALE IN FEET  
50 0 50  
DRAWN BY DJK  
CHECKED BY JRV  
DATE 6/11/2010

PAVEMENT CORE NO. 13  
5.5" BITUMINOUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	68
STA. 546+65 TO STA. 549+00				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING 93RD AVENUE



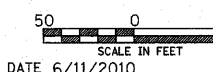
**NOTE:**  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

PROPOSED 93RD AVENUE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
93RD AVENUE  
ROADWAY PLANS

STATION 546+65 TO STATION 549+00

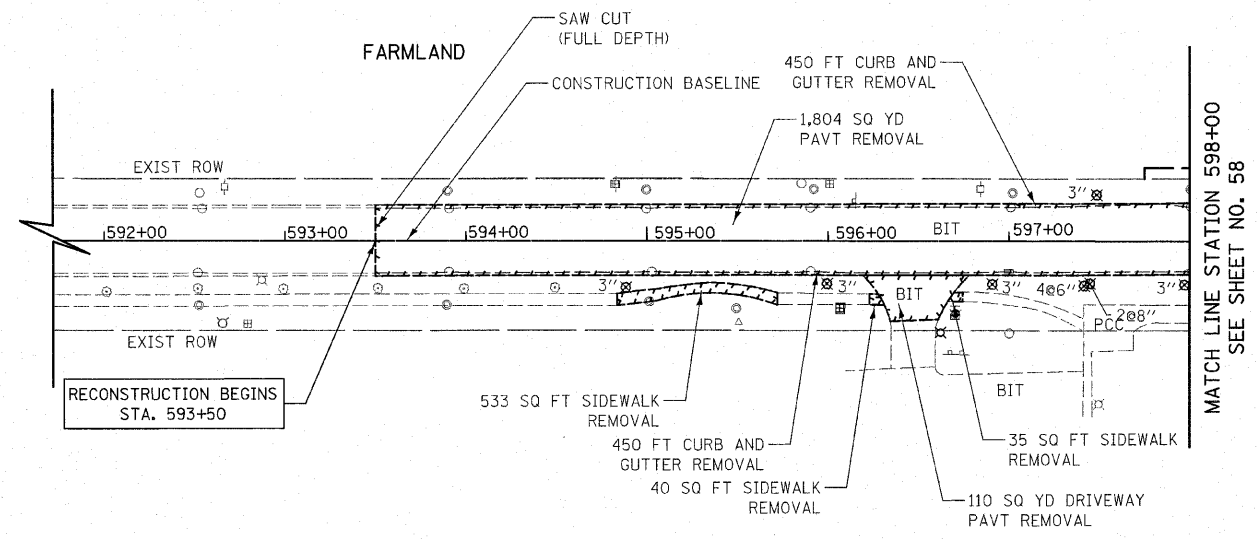
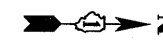


DRAWN BY DJK  
CHECKED BY JRV

1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED.  
FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.

DATE 6/11/2010

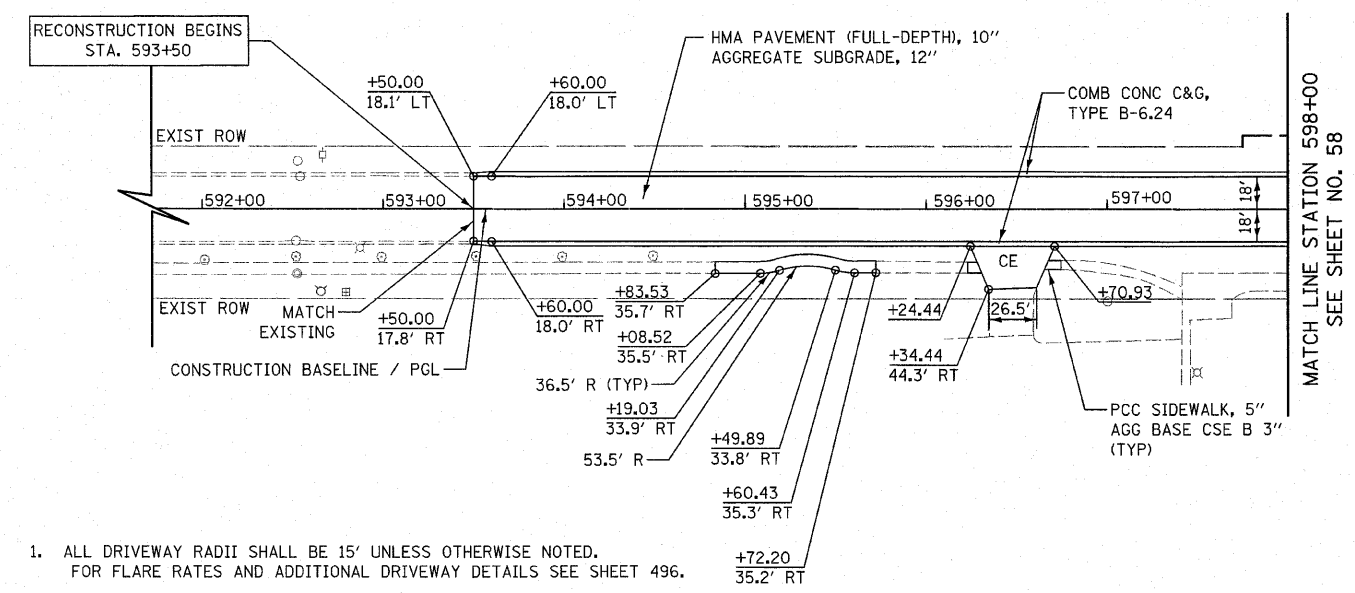
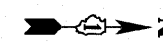
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	69
STA. 593+50		TO STA. 598+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



VILLAGE OF FRANKFORT  
PUBLIC LIBRARY

EXISTING PFEIFFER ROAD

**NOTE:**  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
2. ALL PROPOSED DRIVEWAYS SHOWN ON THIS SHEET SHALL BE PORTLAND CEMENT CONCRETE.

PROPOSED PFEIFFER ROAD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PFEIFFER ROAD  
ROADWAY PLANS

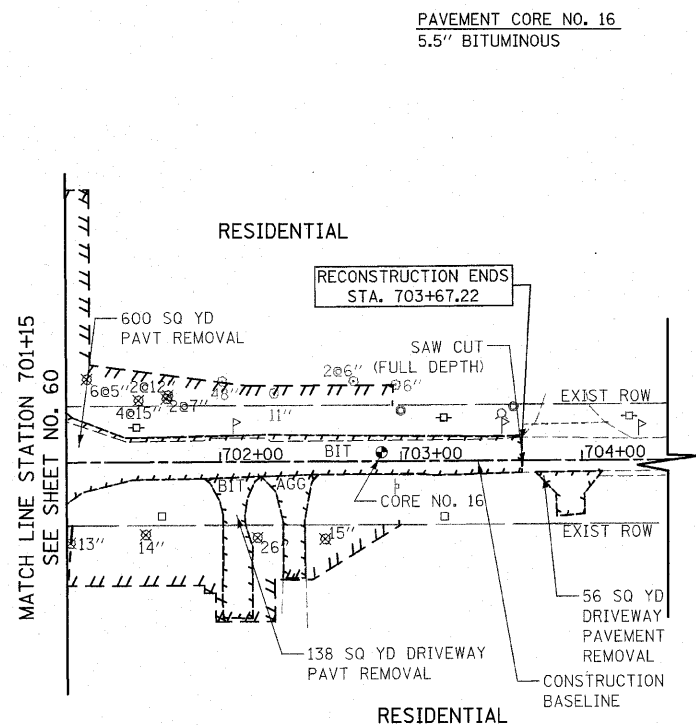
STATION 593+50 TO STATION 598+00

SCALE IN FEET

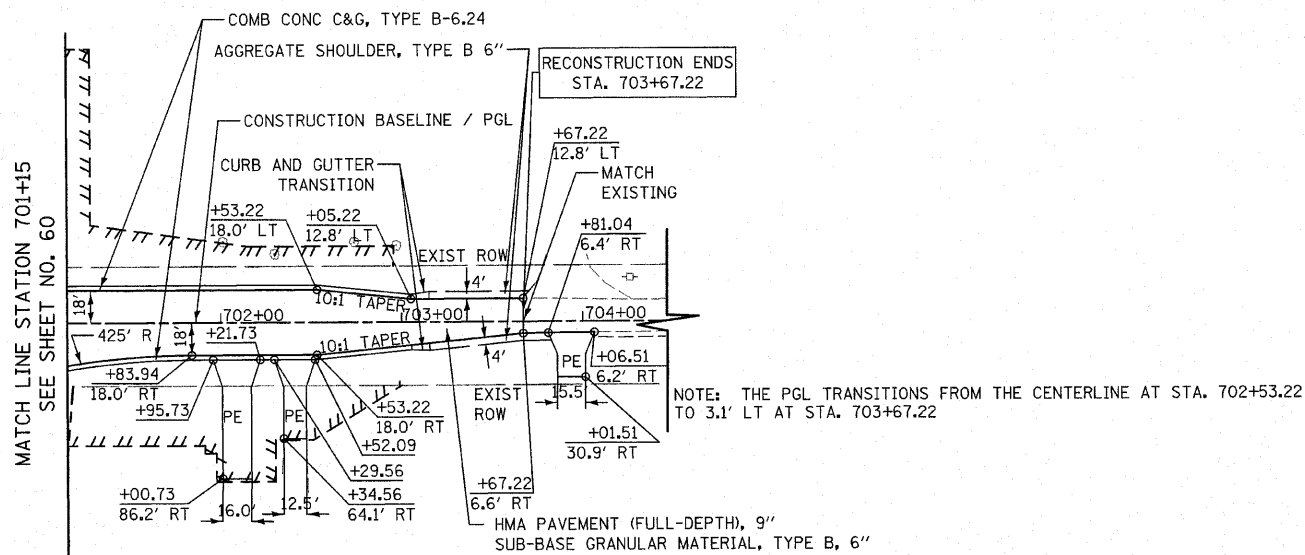
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL.	608	70
STA. 701+15		TO STA. 703+67.22		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING 84TH AVENUE



PROPOSED 84TH AVENUE

1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
2. FOR CURB AND GUTTER TRANSITION SEE SHEET NO. 494.
3. ALL PROPOSED DRIVEWAYS SHOWN ON THIS SHEET SHALL BE PORTLAND CEMENT CONCRETE.

REVISIONS	
NAME	DATE

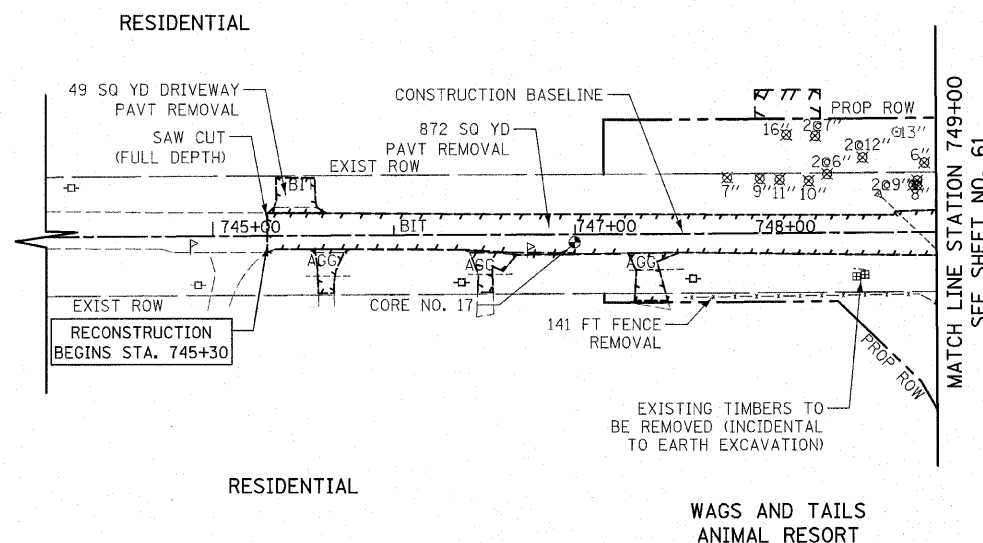
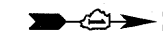
ILLINOIS DEPARTMENT OF TRANSPORTATION  
84TH AVENUE  
ROADWAY PLANS  
STATION 701+15 TO STATION 703+67.22

SCALE IN FEET  
50 0 50  
DATE 6/11/2010

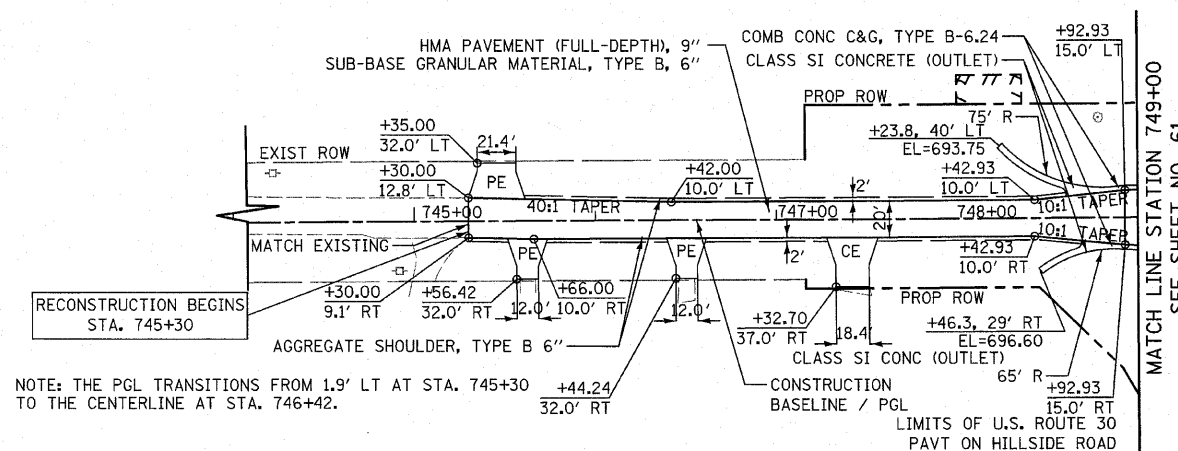
DRAWN BY DJK  
CHECKED BY JRV

PAVEMENT CORE NO. 17  
4.5" BITUMINOUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	71
STA. 745+30		TO STA. 749+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING HILLSIDE ROAD



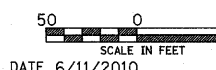
PROPOSED HILLSIDE ROAD

- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
HILLSIDE ROAD  
ROADWAY PLANS

STATION 745+30 TO STATION 749+00



DRAWN BY DJK  
CHECKED BY JRV

DATE 6/11/2010

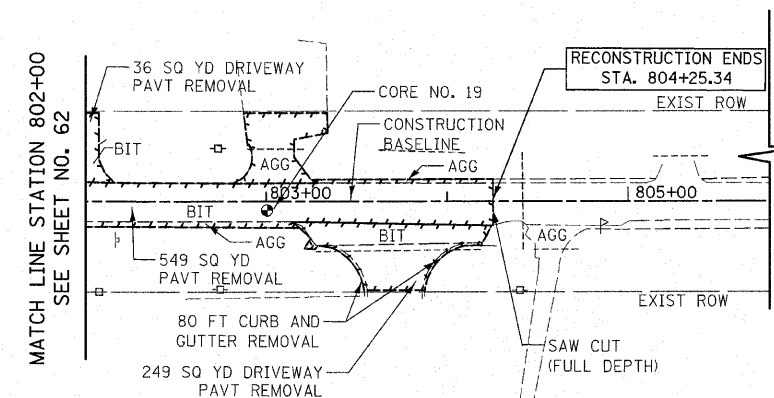
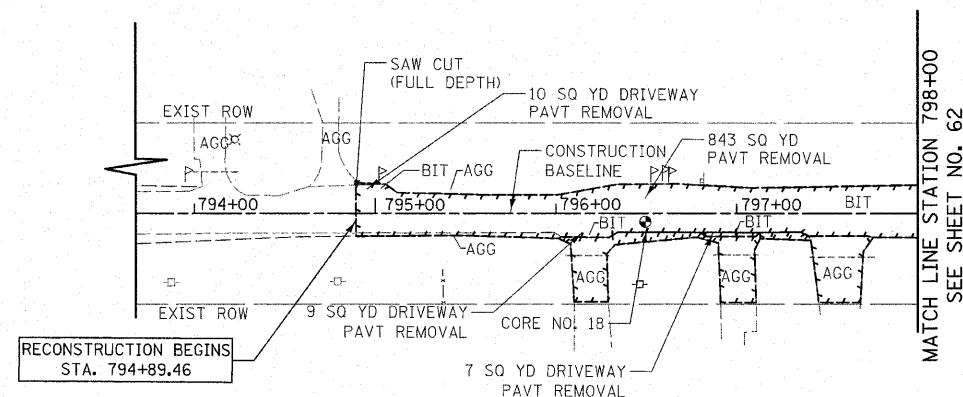
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	72
STA. 794+89.46		TO STA. 804+25.34		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAVEMENT CORE NO. 18  
4.75" BITUMINOUS

PAVEMENT CORE NO. 19  
6.5" BITUMINOUS

RESIDENTIAL

COMMERCIAL  
STRIP MALL

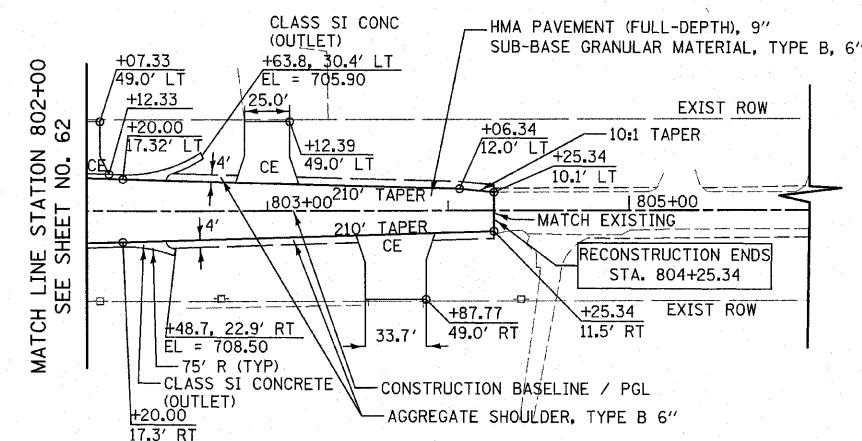
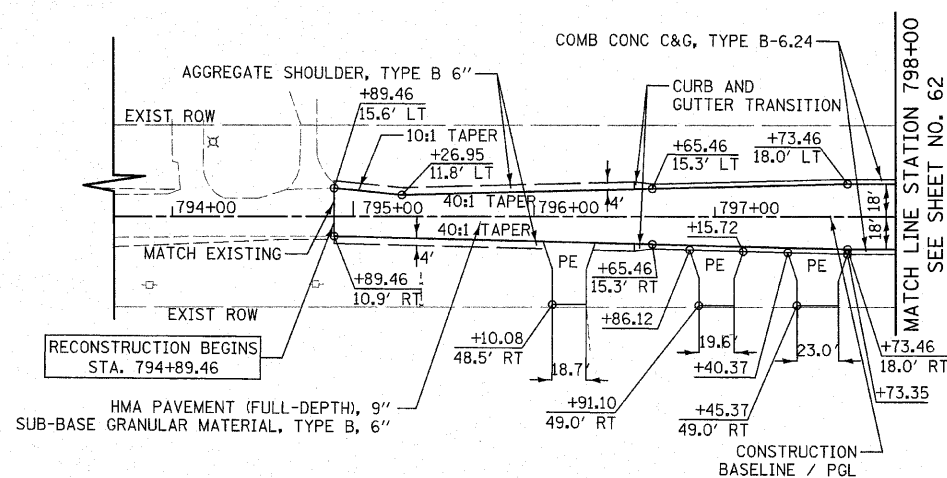


RESIDENTIAL

LINCOLN SQUARE  
PLAZA

EXISTING 80TH AVENUE

**NOTE:**  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



PROPOSED 80TH AVENUE

- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.

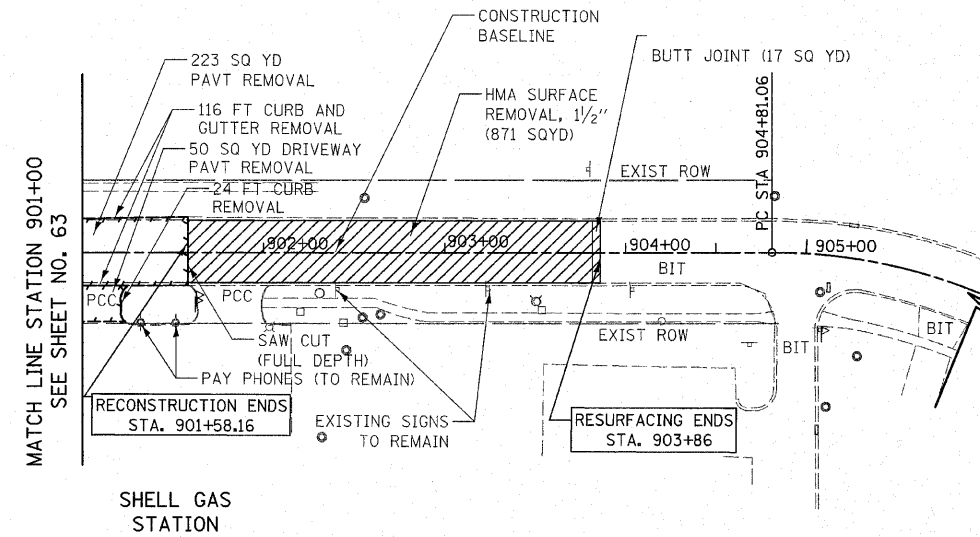
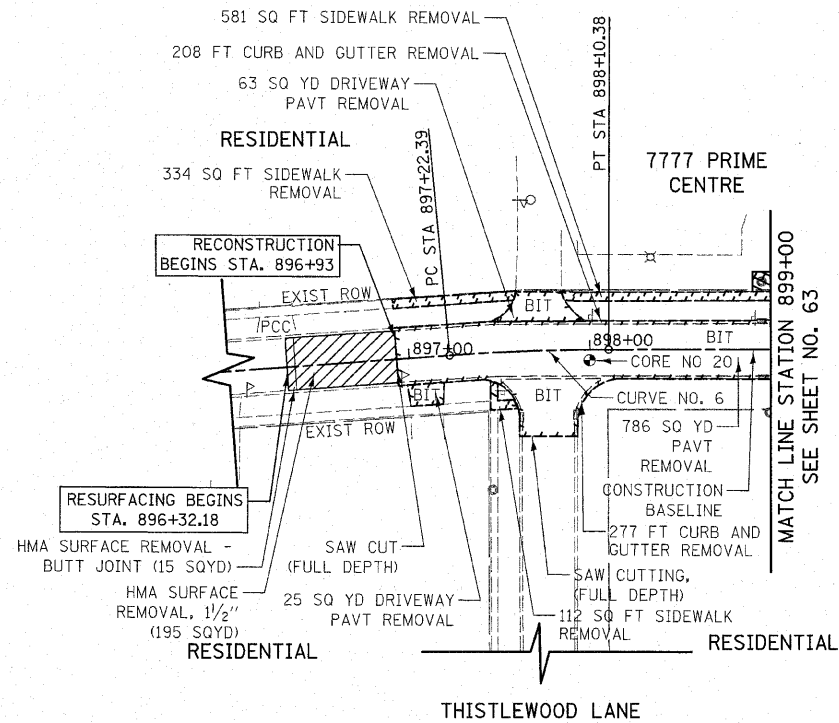
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**80TH AVENUE  
ROADWAY PLANS**  
STATION 794+89.46 TO STATION 798+00  
STATION 802+00 TO STATION 804+25.34  
SCALE IN FEET  
DATE 6/11/2010  
DRAWN BY DJK  
CHECKED BY JRJ



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	73
STA. 896+32.18		TO STA. 903+86		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

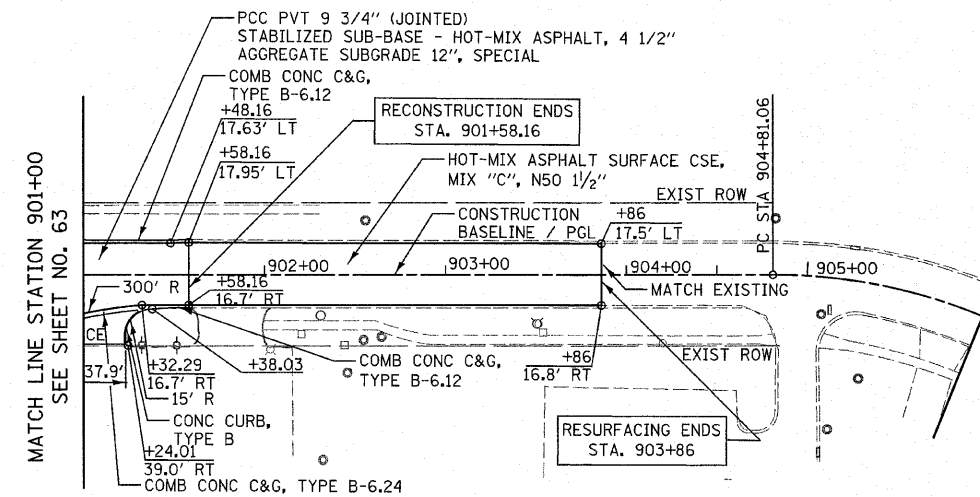
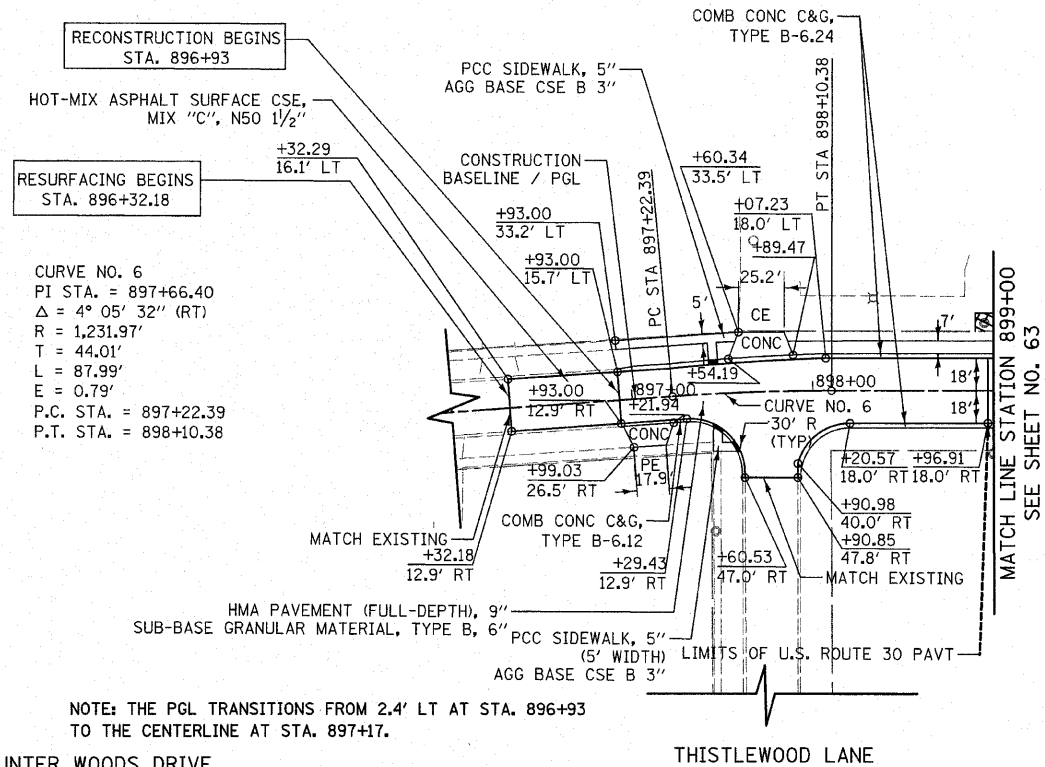
PAVEMENT CORE NO. 20  
3.75" BITUMINOUS



EXISTING HUNTER WOODS DRIVE

EXISTING FRANKFORT SQUARE

NOTE:  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



PROPOSED HUNTER WOODS DRIVE

THISTLEWOOD LANE

PROPOSED FRANKFORT SQUARE

NOTE: THE PGL TRANSITIONS FROM 2.4' LT AT STA. 896+93 TO THE CENTERLINE AT STA. 897+17.

- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.

REVISIONS	
NAME	DATE

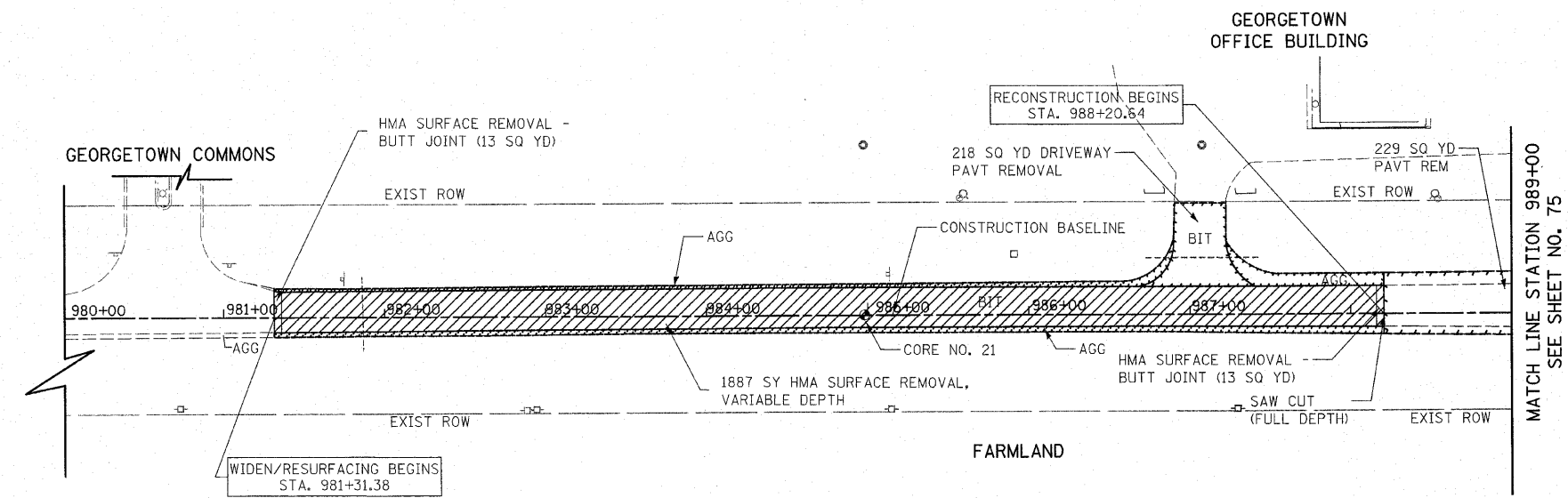
ILLINOIS DEPARTMENT OF TRANSPORTATION  
HUNTER WOODS DRIVE / FRANKFORT SQUARE ROADWAY PLANS  
STATION 896+32.18 TO STATION 899+00  
STATION 901+00 TO STATION 903+86

SCALE IN FEET  
DATE 6/11/2010

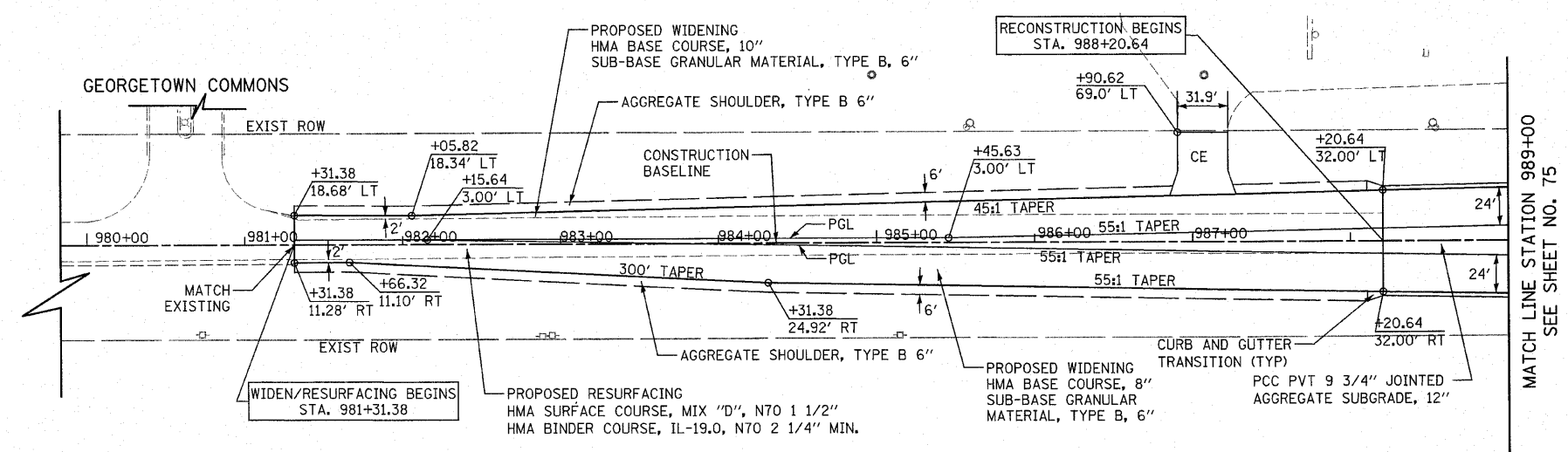
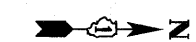
DRAWN BY DJK  
CHECKED BY JRJ

PAVEMENT CORE NO. 21  
17" BITUMINOUS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	74
STA. 981+31.38		TO STA. 989+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



EXISTING HARLEM AVENUE



PROPOSED HARLEM AVENUE

- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
- FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
- FOR DETAILS OF CURB AND GUTTER TRANSITION SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

HARLEM AVENUE  
ROADWAY PLANS

STATION 981+31.38 TO STATION 989+00

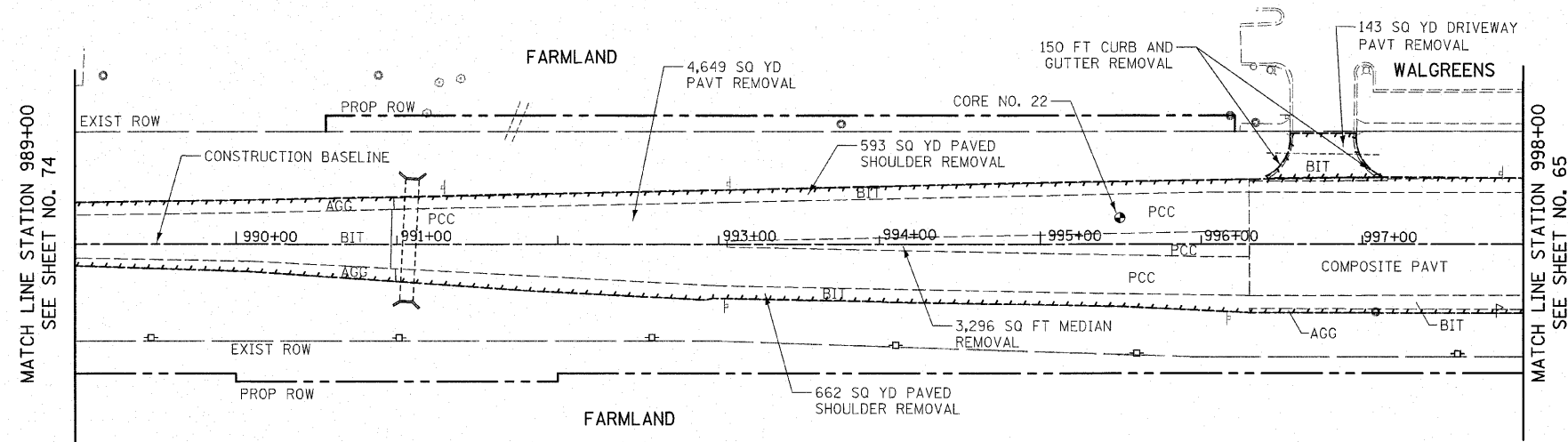
50 0 50  
SCALE IN FEET

DATE 6/11/2010

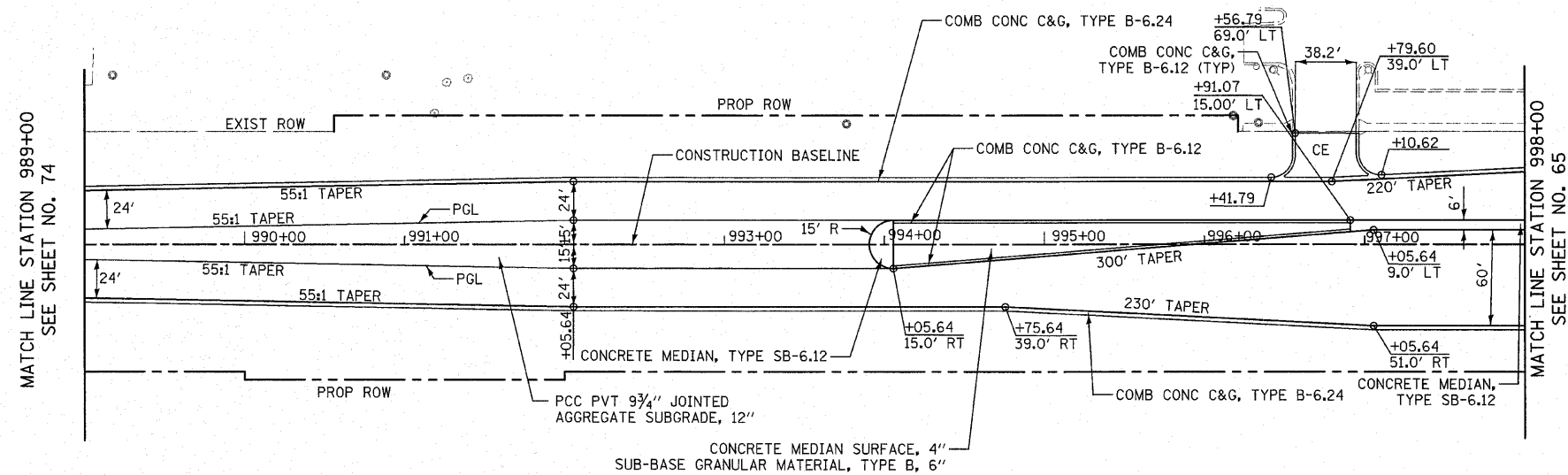
DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	75
STA. 989+00		TO STA. 998+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAVEMENT CORE NO. 22  
 10" PCC  
 4.5" BITUMINOUS



EXISTING HARLEM AVENUE



PROPOSED HARLEM AVENUE

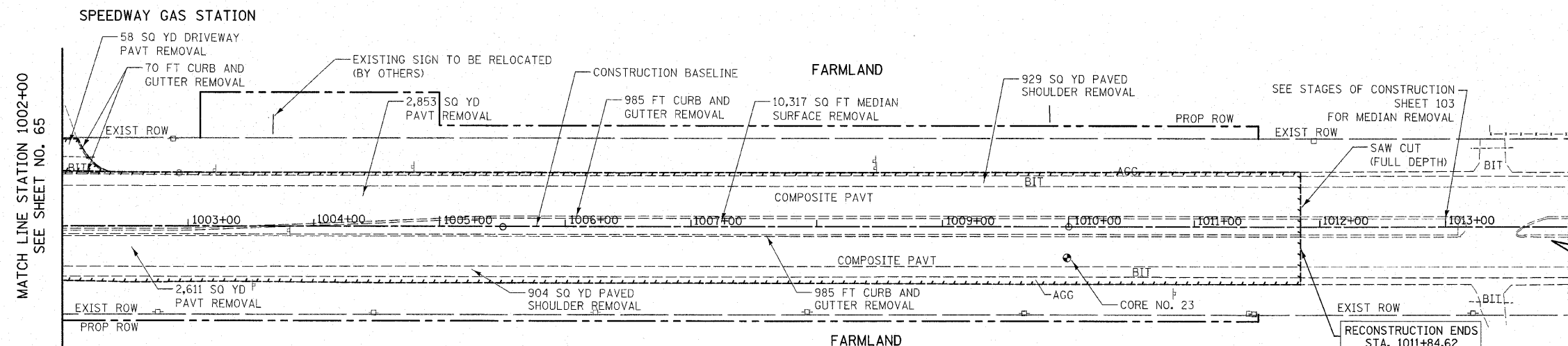
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
- FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
- FOR DETAILS OF CURB AND GUTTER TRANSITION SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HARLEM AVENUE  
 ROADWAY PLANS**  
 STATION 989+00 TO STATION 998+00  
  
 SCALE IN FEET  
 DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRV

PAVEMENT CORE NO. 23  
 2.25" BITUMINOUS  
 10.5" PCC

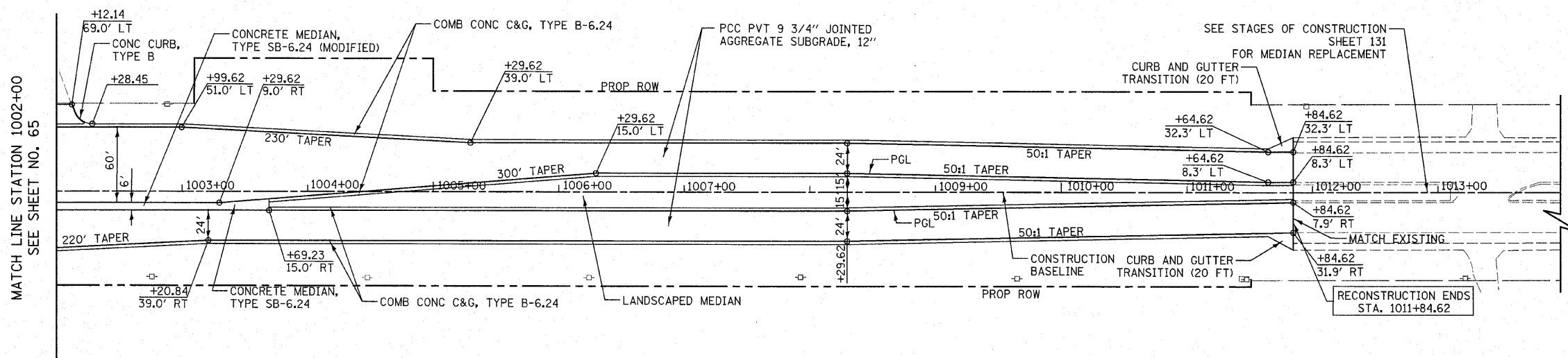
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	76
STA. 1002+00		TO STA. 1012+84.62		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



EXISTING HARLEM AVENUE

**NOTE:**

THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



PROPOSED HARLEM AVENUE

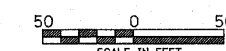
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS OTHERWISE NOTED. FOR FLARE RATES AND ADDITIONAL DRIVEWAY DETAILS SEE SHEET 496.
- FOR CONCRETE MEDIAN DETAILS, SEE SHEET NO. 494.
- FOR CURB AND GUTTER TRANSITION DETAILS SEE SHEET NO. 494.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

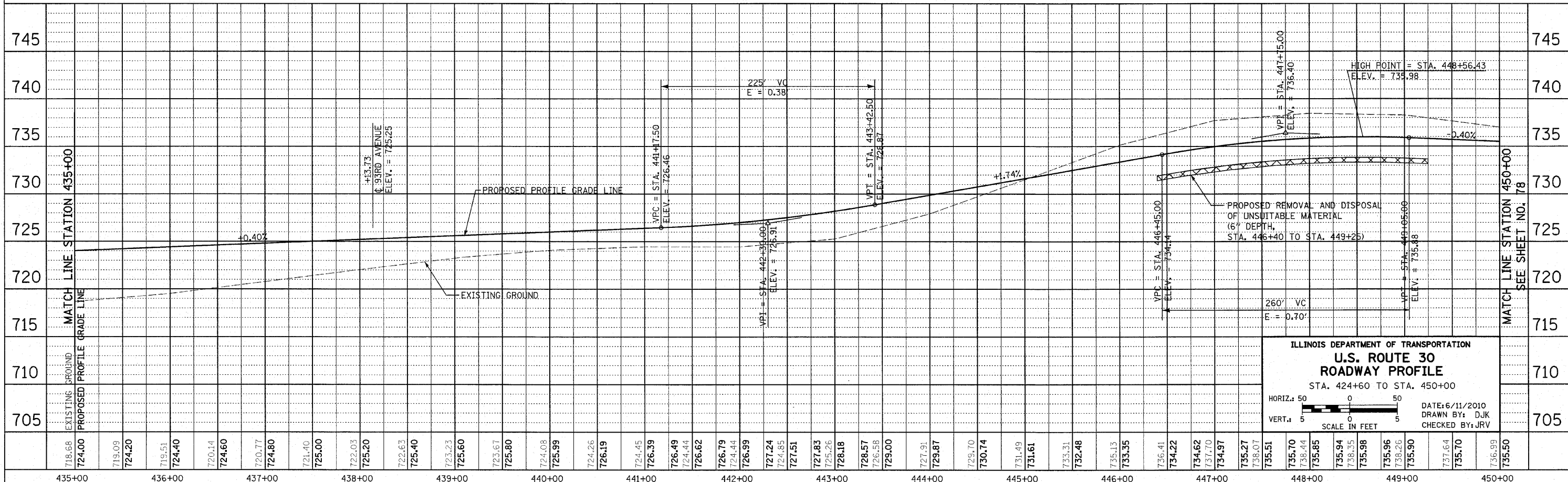
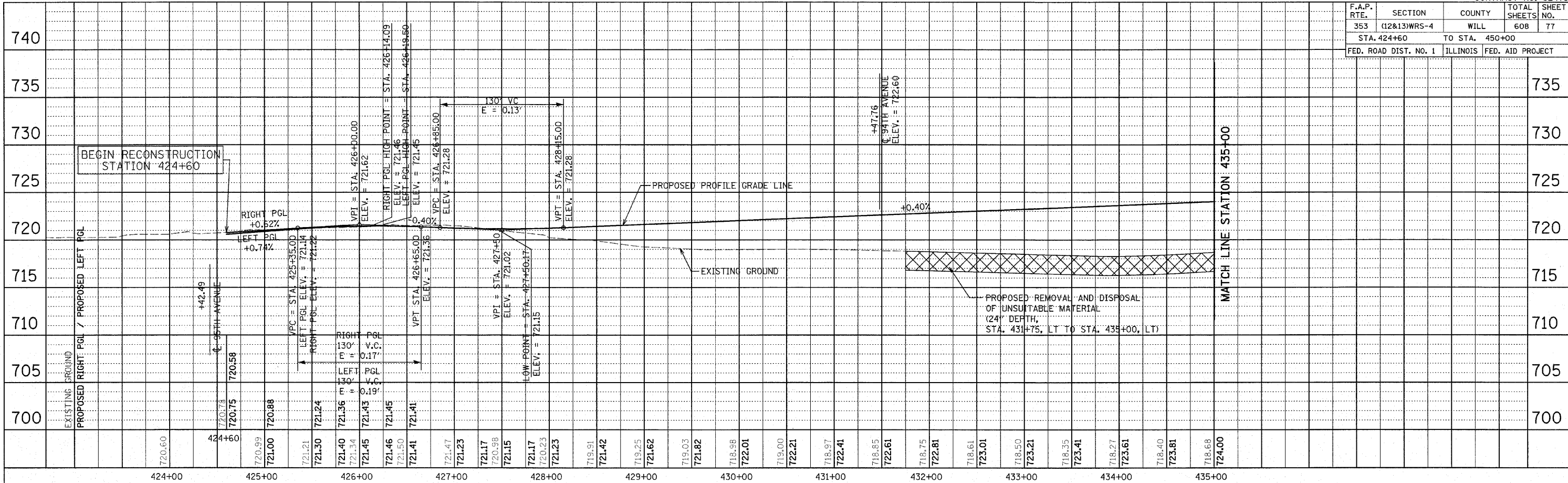
HARLEM AVENUE  
 ROADWAY PLANS

STATION 1002+00 TO STATION 1012+84.62



DATE 6/11/2010 DRAWN BY DJK CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	77
STA. 424+60		TO STA. 450+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**U.S. ROUTE 30**  
**ROADWAY PROFILE**  
 STA. 424+60 TO STA. 450+00

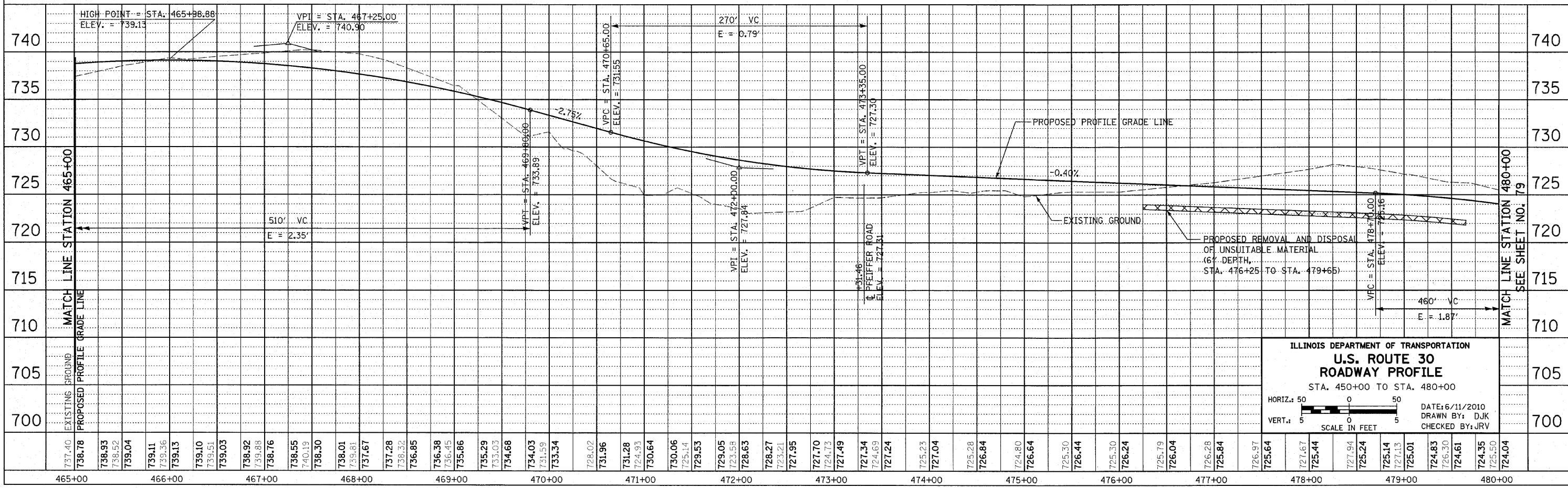
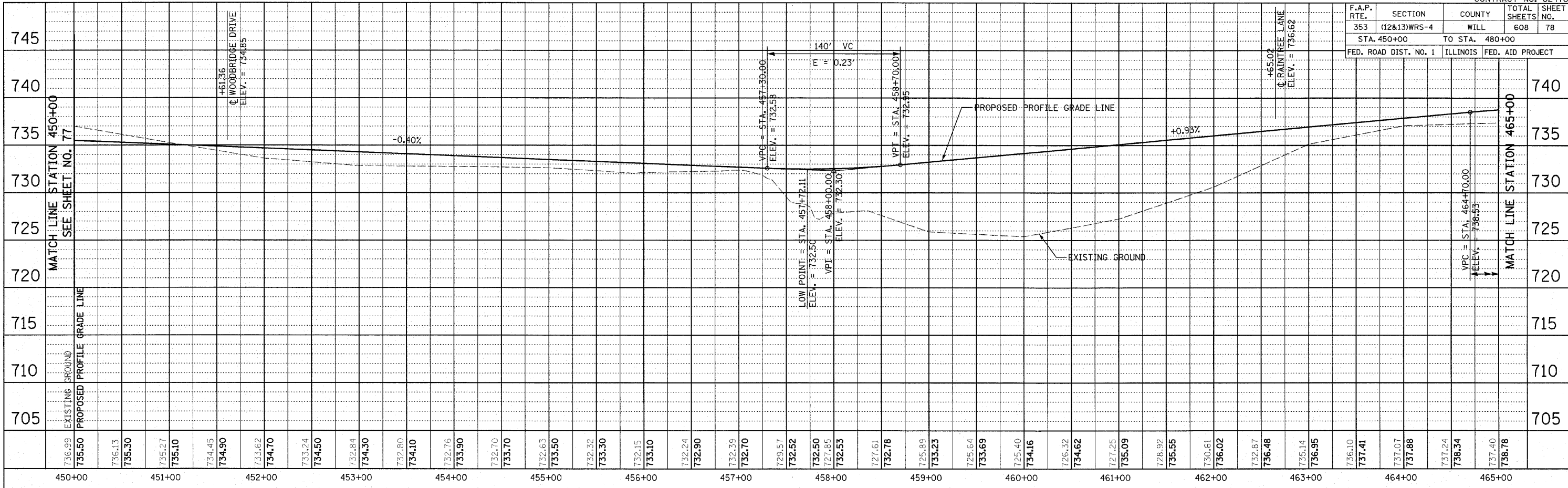
HORIZ. 50  
 VERT. 5

SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRJ

718.68	724.00	719.09	724.20	719.51	724.40	720.14	724.60	720.77	724.80	721.40	725.00	722.03	725.20	722.63	725.40	723.23	725.60	723.67	725.80	724.08	725.99	724.26	726.19	724.45	726.39	726.49	724.44	726.59	727.24	724.85	727.51	727.83	725.26	728.18	728.57	726.58	729.00	727.91	729.87	729.70	730.74	731.49	731.61	733.31	732.48	735.13	733.35	736.41	734.22	734.62	737.70	734.97	735.27	738.07	735.51	735.70	738.44	735.85	735.94	738.35	735.98	735.96	738.26	735.90	737.64	735.70	736.99	735.50
435+00	436+00	437+00	438+00	439+00	440+00	441+00	442+00	443+00	444+00	445+00	446+00	447+00	448+00	449+00	450+00																																																					

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	78
STA. 450+00		TO STA. 480+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**U.S. ROUTE 30**  
**ROADWAY PROFILE**  
 STA. 450+00 TO STA. 480+00

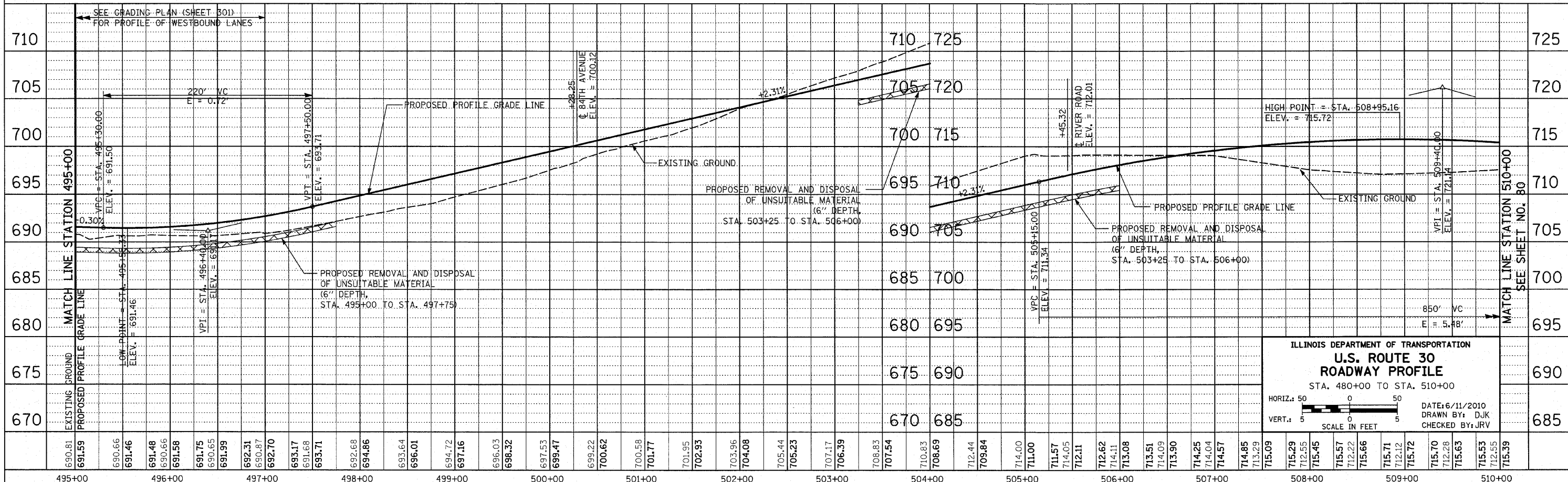
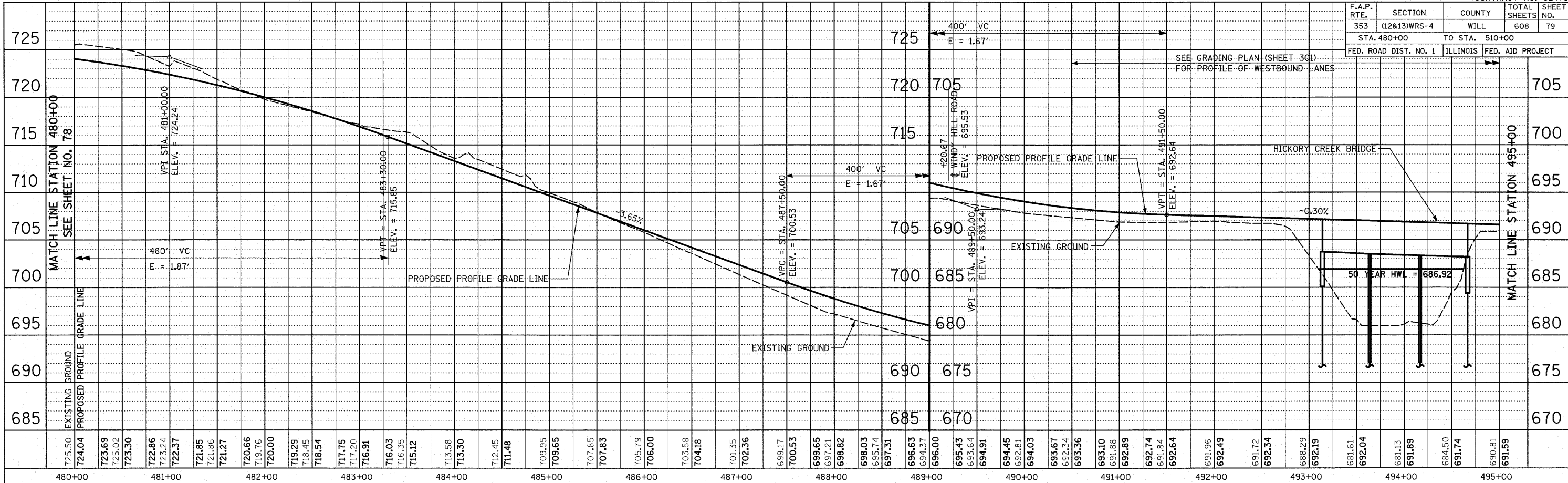
HORIZ.: 50  
 VERT.: 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRJ

737.40	738.93	738.52	739.04	739.11	739.36	739.13	739.10	739.51	739.03	738.92	739.88	738.76	738.55	740.19	738.30	738.01	739.81	737.67	737.28	738.32	736.85	736.38	736.45	735.86	735.29	733.03	734.68	734.03	731.59	733.34	728.02	731.96	731.28	724.93	730.64	730.06	725.14	729.53	729.05	723.58	728.63	728.27	723.21	727.95	727.70	724.73	727.49	727.34	724.69	727.24	725.23	727.04	725.28	726.84	724.80	726.64	725.30	726.44	725.30	726.24	725.79	726.04	726.28	725.84	726.97	725.64	727.67	725.44	727.94	725.24	725.14	727.13	725.01	724.83	726.30	724.61	724.35	725.50	724.04
465+00	466+00	467+00	468+00	469+00	470+00	471+00	472+00	473+00	474+00	475+00	476+00	477+00	478+00	479+00	480+00																																																																



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	79
STA. 480+00 TO STA. 510+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



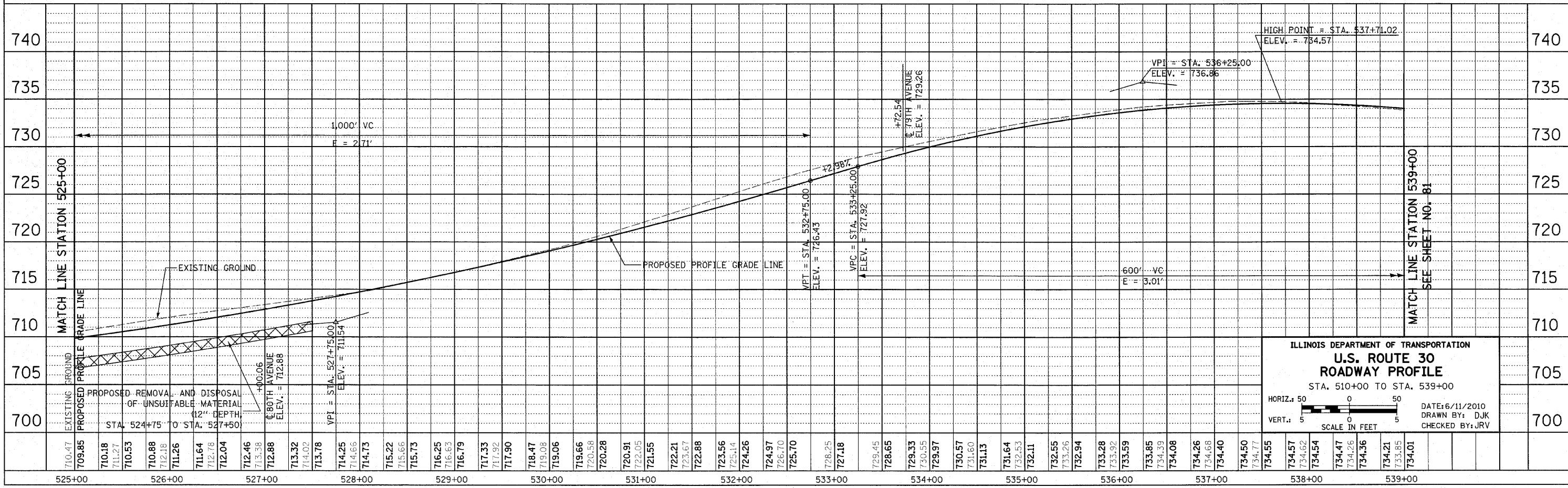
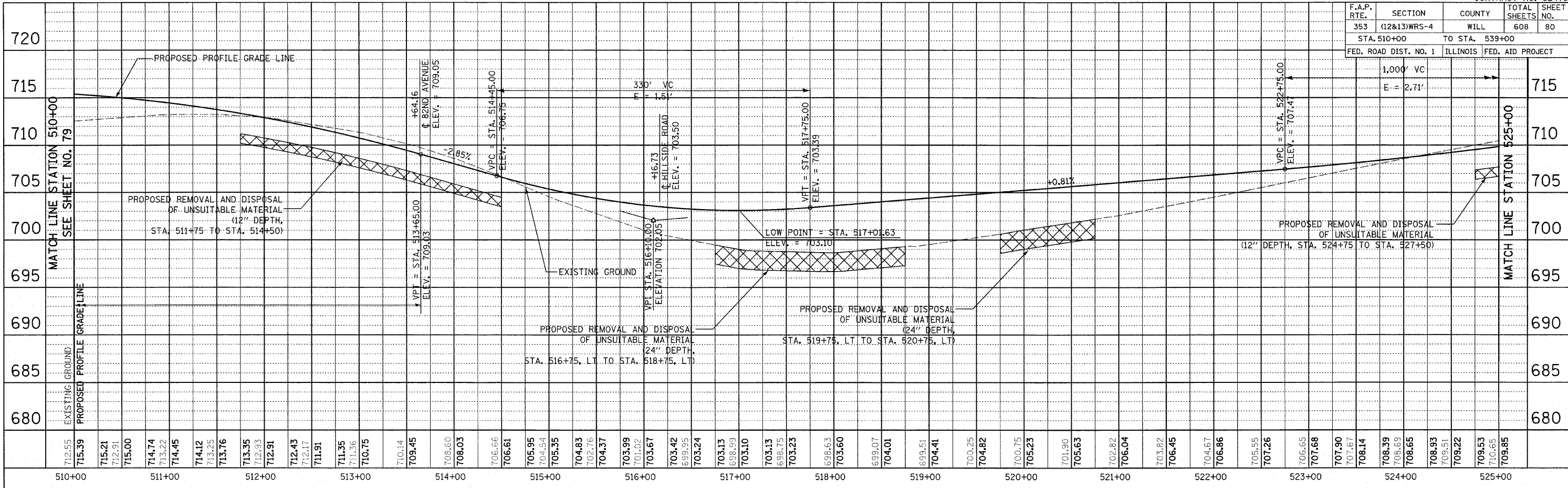
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**U.S. ROUTE 30**  
**ROADWAY PROFILE**  
 STA. 480+00 TO STA. 510+00

HORIZ.: 50  
 VERT.: 5

SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	80
STA. 510+00		TO STA. 539+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



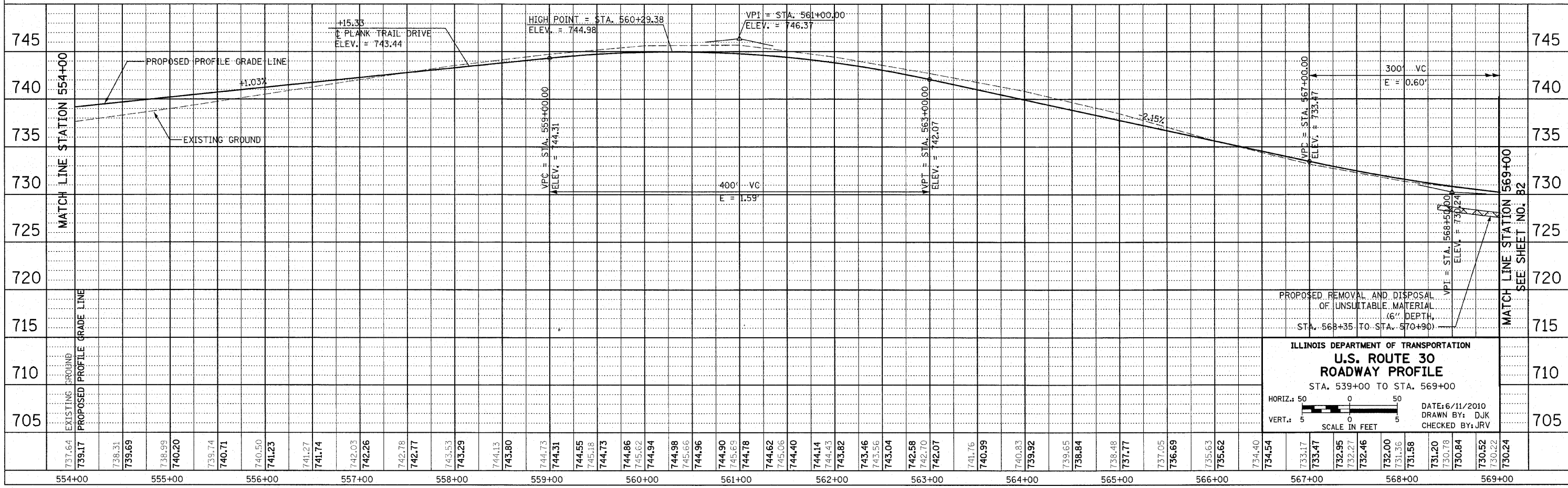
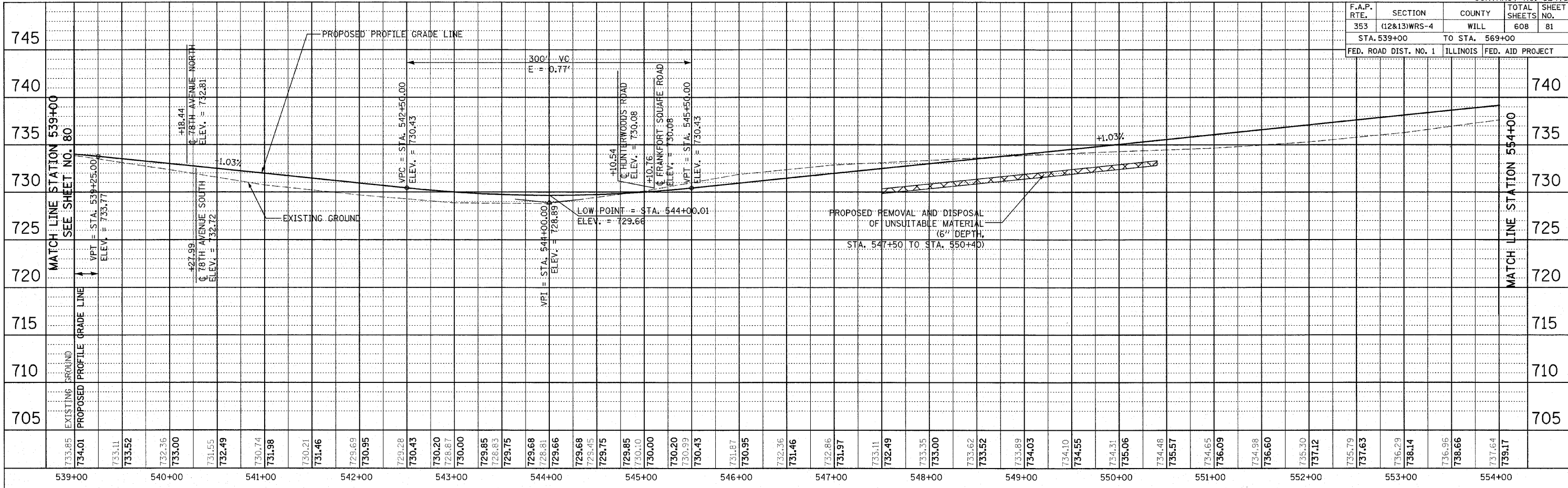
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**U.S. ROUTE 30**  
**ROADWAY PROFILE**  
 STA. 510+00 TO STA. 539+00

HORIZ.: 50  
 VERT.: 5

SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	81
STA. 539+00		TO STA. 569+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



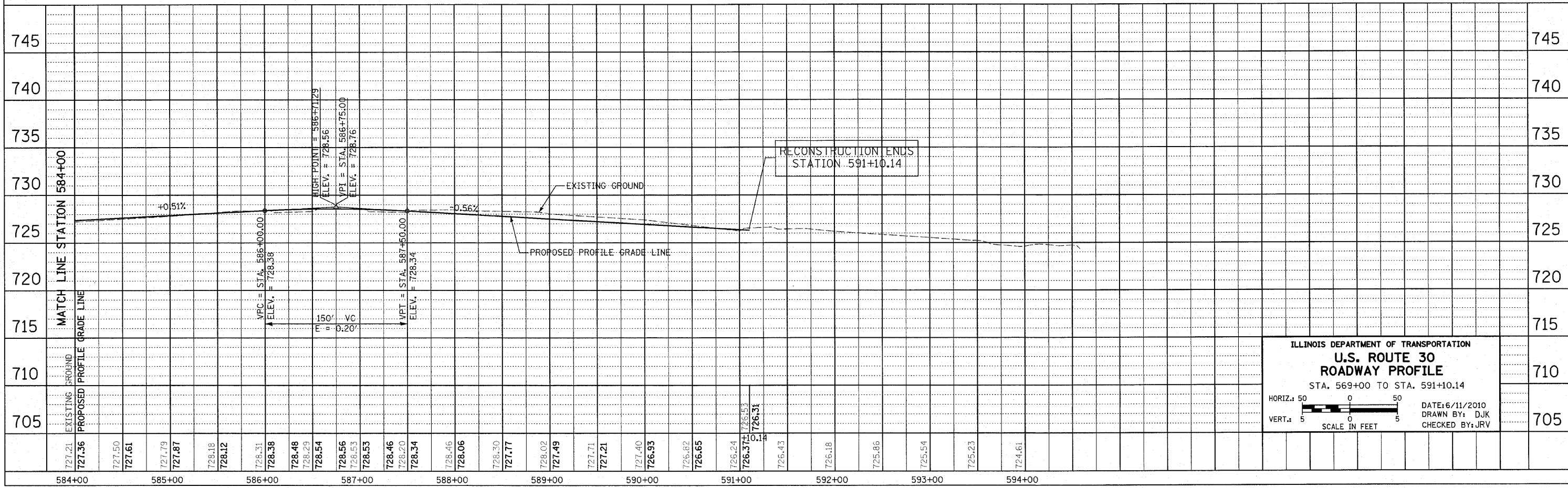
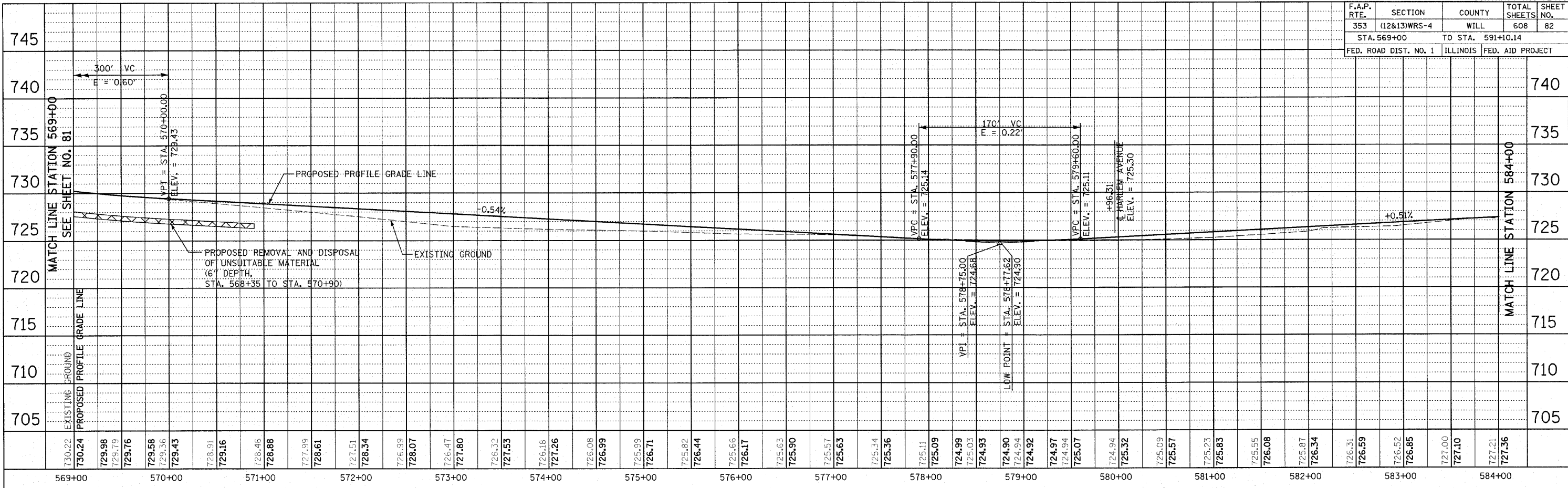
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
**U.S. ROUTE 30**  
**ROADWAY PROFILE**  
 STA. 539+00 TO STA. 569+00

HORIZ.: 50  
 VERT.: 5

SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	82
STA. 569+00		TO STA. 591+10.14		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



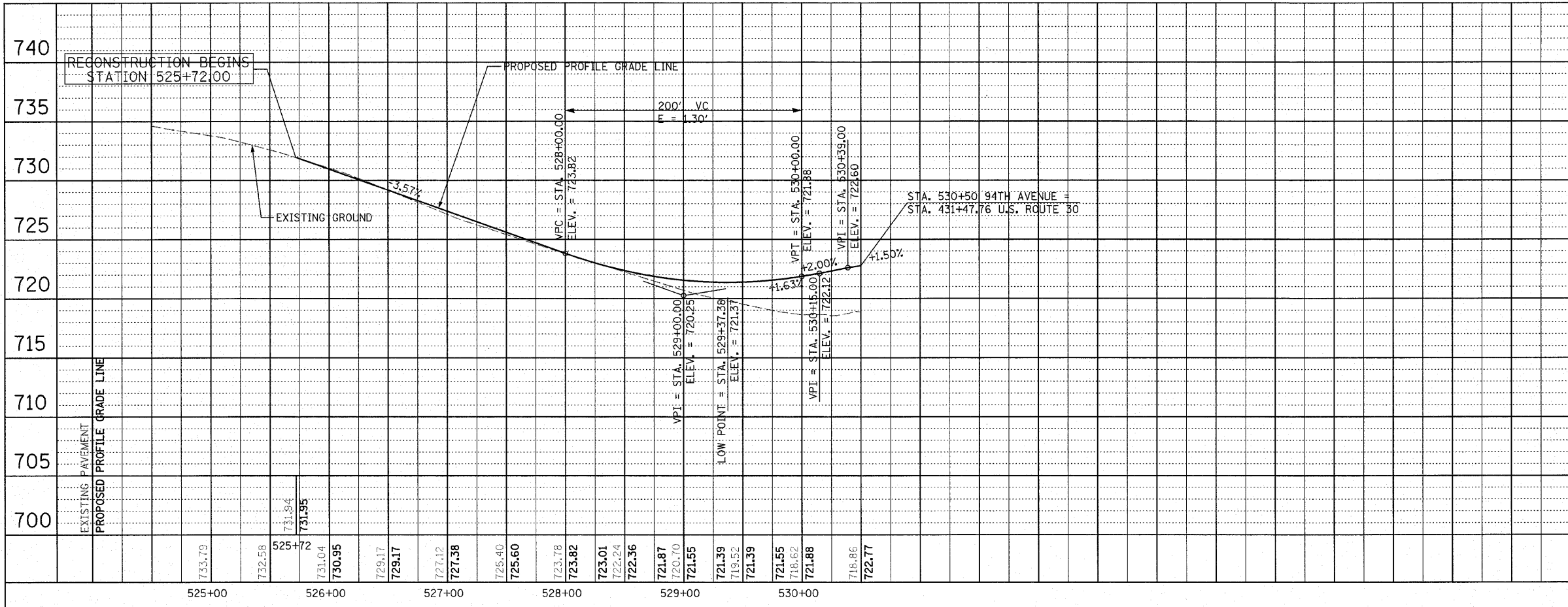
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30**  
**ROADWAY PROFILE**  
 STA. 569+00 TO STA. 591+10.14

HORIZ. 50 0 50  
 VERT. 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRJ



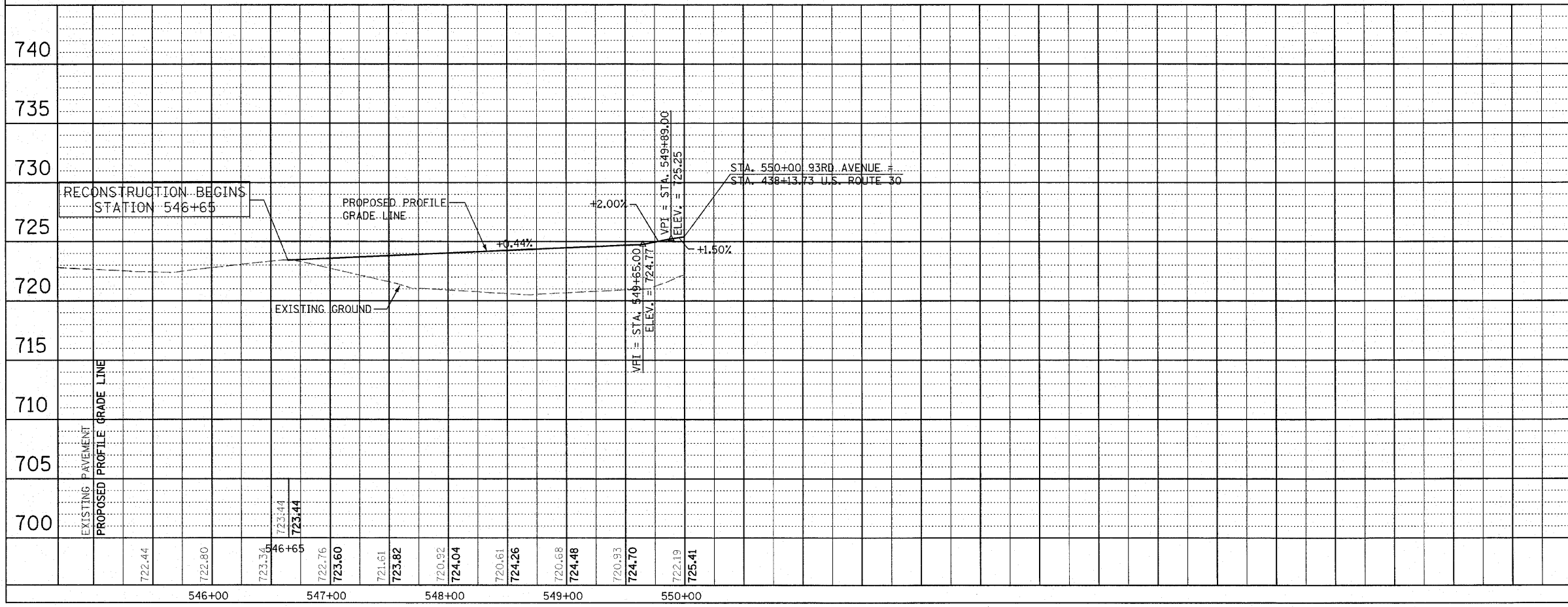
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	83
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**94TH AVENUE**  
**ROADWAY PROFILE**  
 STA. 525+72 TO STA. 530+50

HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**93RD AVENUE**  
**ROADWAY PROFILE**  
 STA. 546+00 TO STA. 550+00

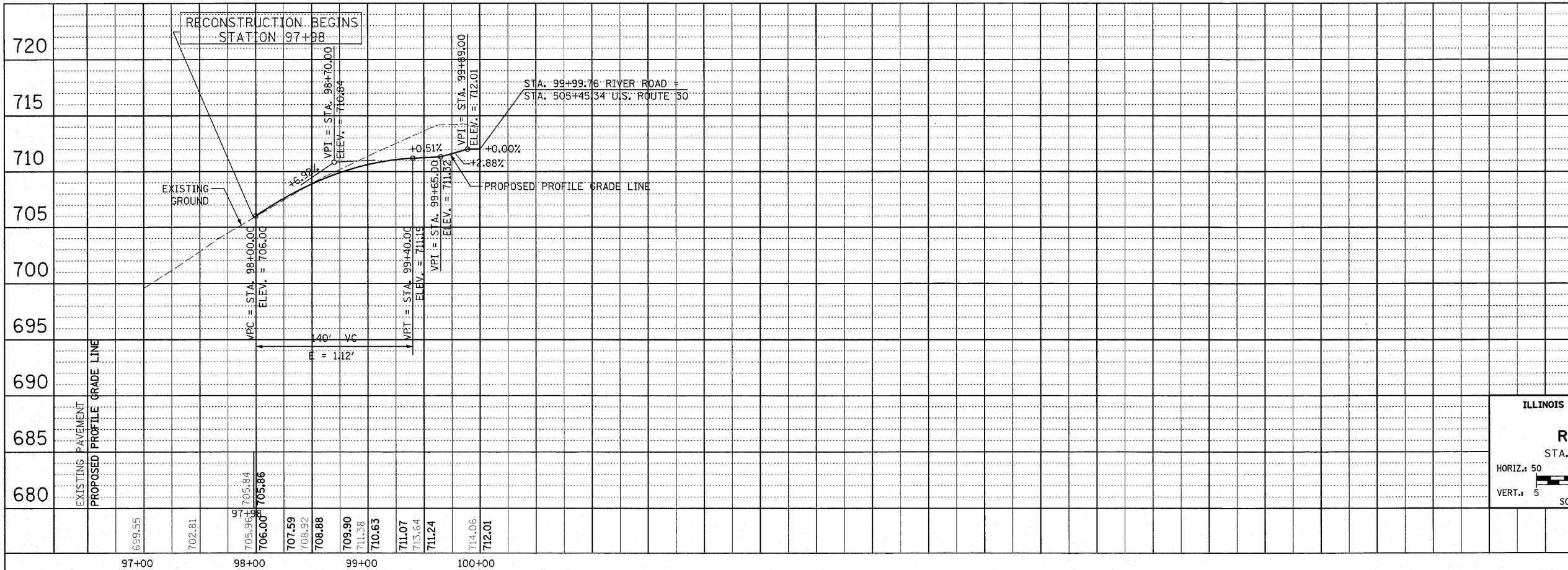
HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV





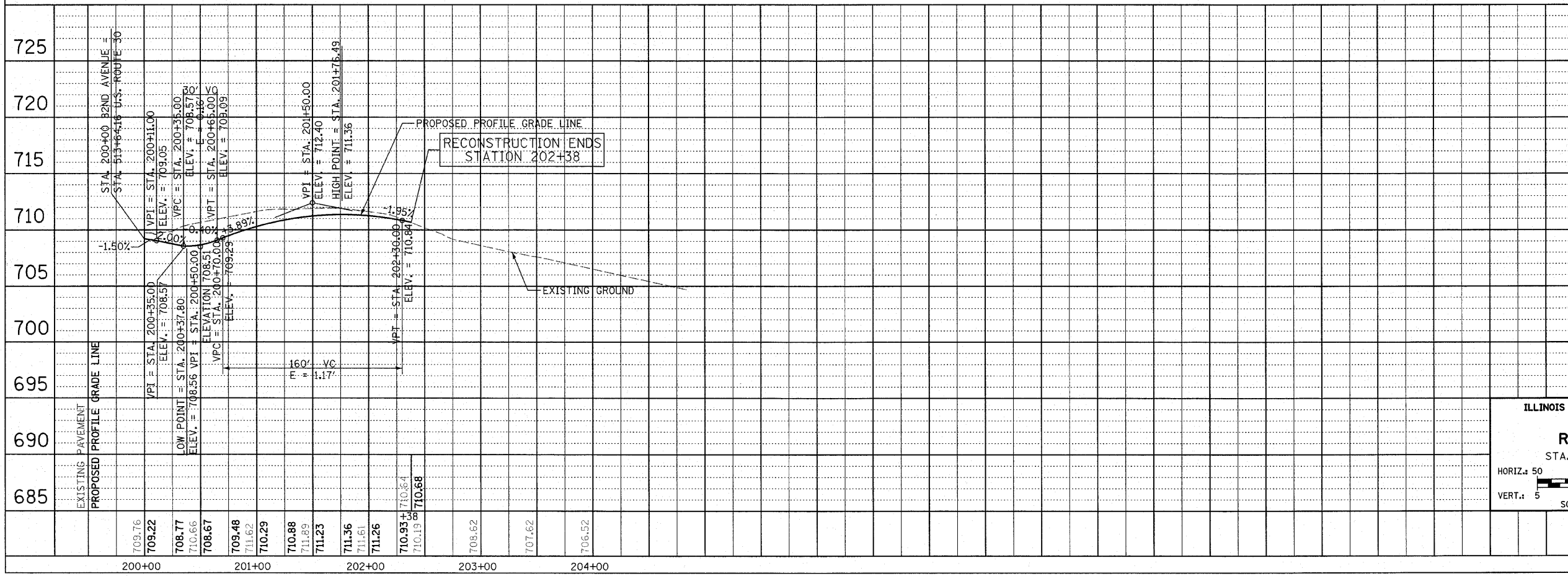
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	85
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**RIVER ROAD  
 ROADWAY PROFILE**  
 STA. 97+98 TO STA. 99+99.76

HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV

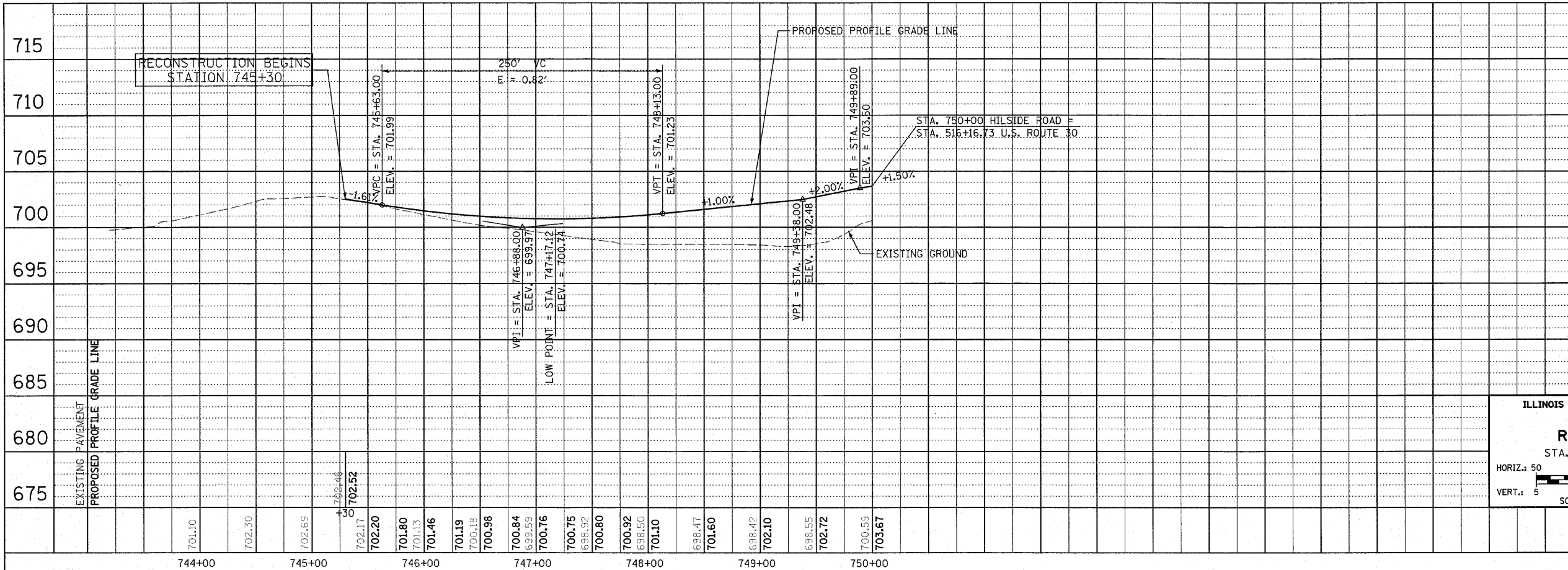


ILLINOIS DEPARTMENT OF TRANSPORTATION  
**82ND AVENUE  
 ROADWAY PROFILE**  
 STA. 200+00 TO STA. 202+38

HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV

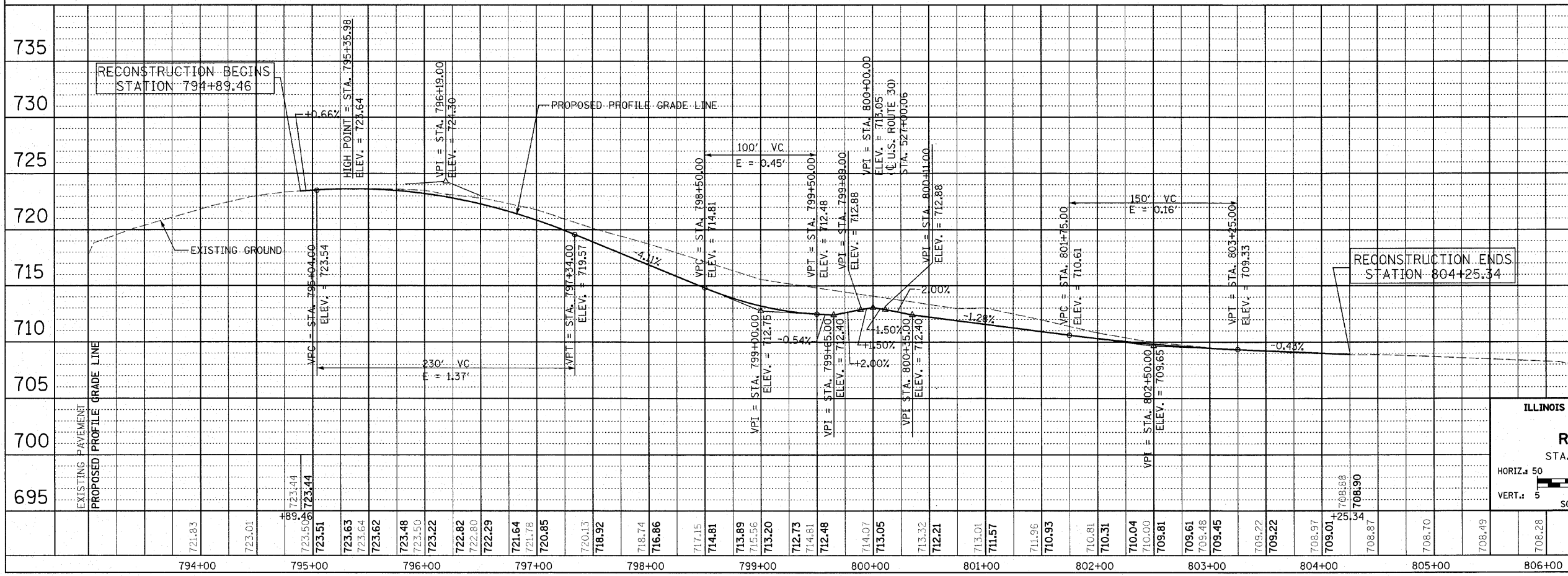
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	86
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HILLSIDE ROAD ROADWAY PROFILE**  
 STA. 745+30 TO STA. 750+00

HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV

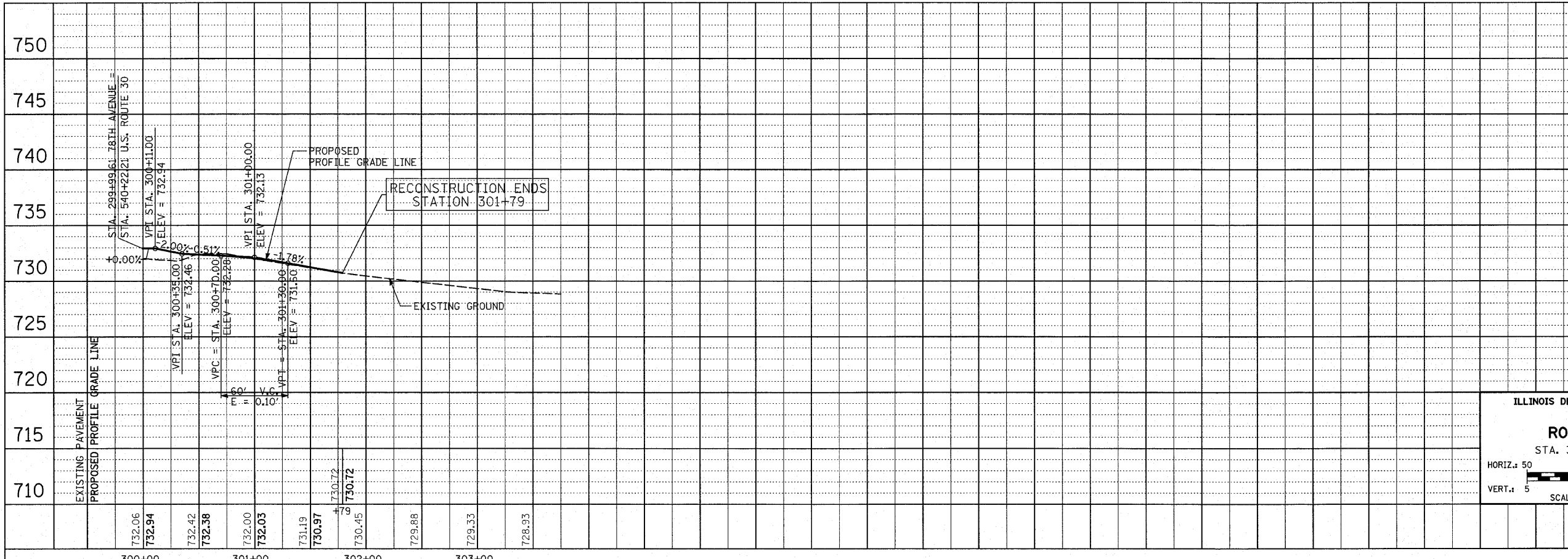


ILLINOIS DEPARTMENT OF TRANSPORTATION  
**80TH AVENUE ROADWAY PROFILE**  
 STA. 794+89.46 TO STA. 804+25.34

HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV

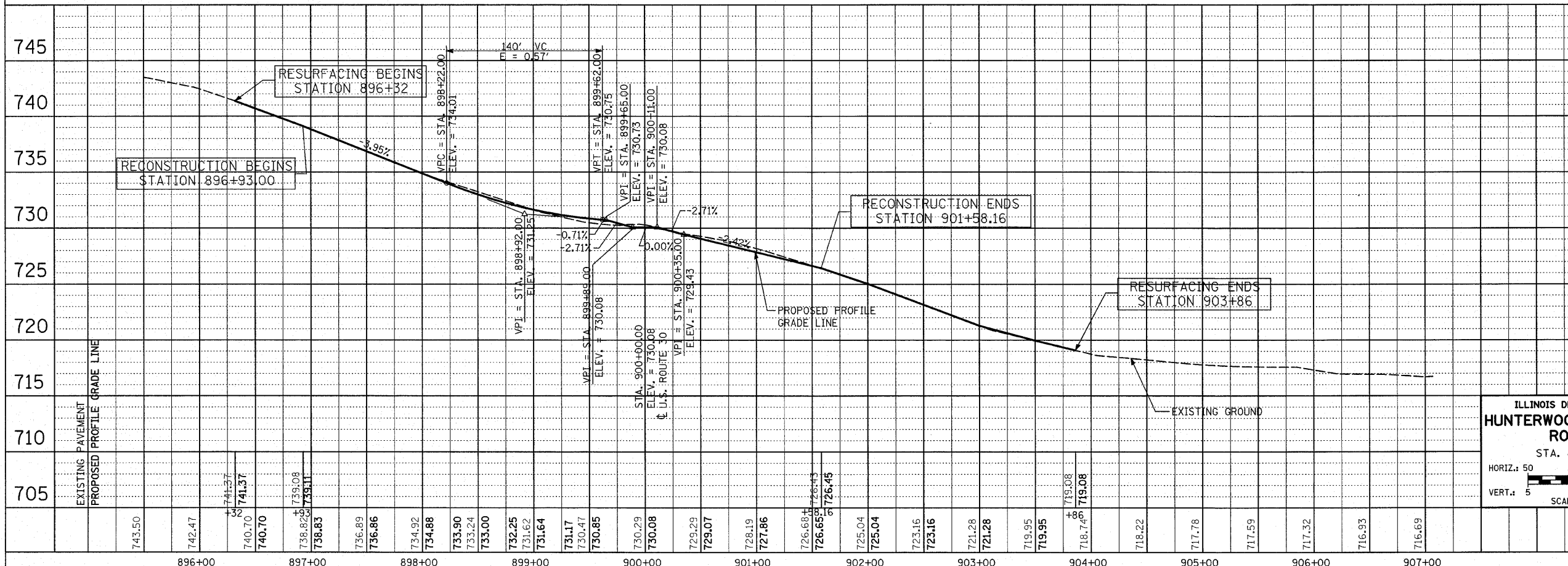
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	87
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**78TH AVENUE**  
**ROADWAY PROFILE**  
 STA. 300+00 TO STA. 301+79

HORIZ.: 50  
 VERT.: 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV

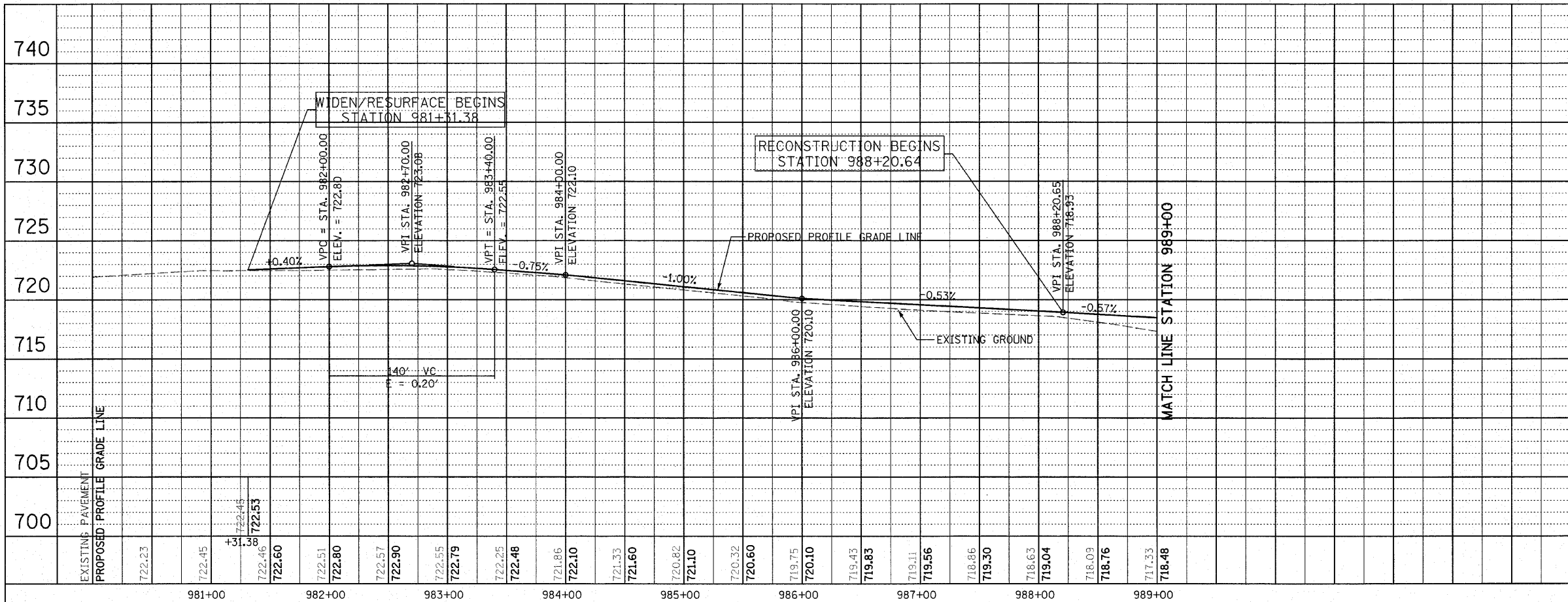


ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HUNTERWOODS/FRANKFORT SQUARE**  
**ROADWAY PROFILE**  
 STA. 896+32 TO STA. 903+86

HORIZ.: 50  
 VERT.: 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV

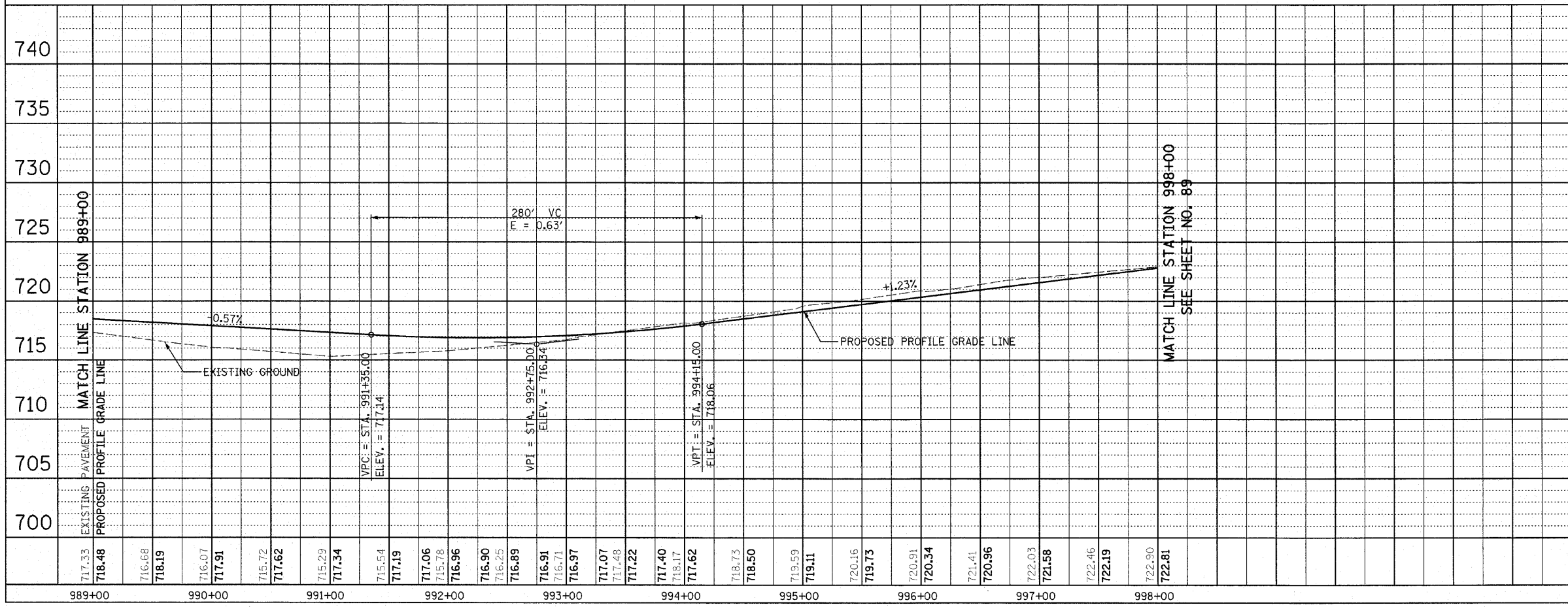
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	88
STA. 981+82.65		TO STA. 998+00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HARLEM AVENUE ROADWAY PROFILE**  
 STA. 981+82.64 TO STA. 989+00

HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HARLEM AVENUE ROADWAY PROFILE**  
 STA. 989+00 TO STA. 998+00

HORIZ.: 50 0 50  
 VERT.: 5 0 5  
 SCALE IN FEET

DATE: 6/11/2010  
 DRAWN BY: DJK  
 CHECKED BY: JRV





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	90
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN 12 FOOT DRIVING LANES ON U.S ROUTE 30 AND HARLEM AVENUE UNLESS DIRECTED BY THE ENGINEER OR OTHERWISE SHOWN ON THE PLANS.
- TYPE I OR II BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 50 FOOT INTERVALS ALONG THE PROPOSED WORK ZONE, 25 FOOT INTERVALS IN TAPER SECTIONS, AND 10 FOOT INTERVALS AROUND RADII AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. BARRICADES WITH LEG EXTENSIONS SHALL BE USED WHERE NEEDED TO PROVIDE A MINIMUM DISTANCE OF 36" BETWEEN THE PAVEMENT AND TOP OF BARRICADE. BARRICADES IN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDEROADS DURING CONSTRUCTION OPERATIONS. A QUANTITY OF "TEMPORARY ACCESS (PRIVATE ENTRANCE)", "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)", AND "TEMPORARY ACCESS (ROAD)" HAS BEEN INCLUDED IN THE CONTRACT FOR THIS PURPOSE.
- ADVANCE WARNING SIGNS SHALL BE MAINTAINED THROUGH ALL STAGES OF CONSTRUCTION.
- THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CHANGE IN STAGING AT LEAST TWO (2) WORKING DAYS IN ADVANCE.
- TEMPORARY SIGNING AS SHOWN SHALL CONFORM TO THE APPLICABLE STANDARDS INCLUDED IN THE PLANS OR AS DIRECTED BY THE ENGINEER. COST SHALL BE INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF U.S. ROUTE 30 AND IL ROUTE 45, PFEIFFER ROAD, AND IL ROUTE 43 SHALL BE OPERATIONAL PRIOR TO STAGE 1 CONSTRUCTION COMMENCING.
- THE CONTRACTOR SHALL NOTIFY ALL MUNICIPALITIES, EMERGENCY SERVICES, AND SCHOOL DISTRICTS THAT WILL BE AFFECTED BY ANY ROAD CLOSURES OR DETOURS 72 HOURS PRIOR TO THEIR IMPLEMENTATION.
- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL" PER SQUARE FOOT.
- REMOVAL OF TEMPORARY PAVEMENT MARKINGS WHERE REQUIRED SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL".
- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)". ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- WHEN SIDE ROAD CLOSURES ARE CALLED FOR IN THE PLANS THE CONTRACTOR SHALL PROVIDE TYPE III BARRICADES AND ALL REQUIRED SIGNING, INCLUDING "NO-LEFT TURN", "NO-RIGHT TURN", "DO NOT ENTER", AND "ROAD CLOSED" SIGNS. THE PLACEMENT OF THESE SIGNS SHALL BE APPROVED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR."
- CLOSURE OF SIDE ROADS, WHEN CALLED FOR IN THE PLANS AND APPROVED BY THE ENGINEER, SHALL BE LIMITED TO 28 CALENDAR DAYS. CLOSURE OF HILLSIDE DURING ADVANCE STAGE A SHALL BE LIMITED TO 28 CALENDAR DAYS. CLOSURE OF 84TH AVENUE SHALL BE ALLOWED FOR THE DURATION OF STAGE 2A AND 2B. IF THE CONTRACTOR FAILS TO RE-OPEN THE SIDEROADS WITHIN THE TIME ALLOWED, OR TIME EXTENSION ALLOWED BY THE ENGINEER, A DAILY MONETARY DEDUCTION SHALL BE IMPOSED IN ACCORDANCE WITH ARTICLE 105.03(B) OF THE STANDARD SPECIFICATIONS.
- ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES, AND SHALL BE CONSIDERED AS PART OF THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- THE CLOSURE OF ONE THRU TRAFFIC LANE ON US ROUTE 30 OR HARLEM AVENUE FOR ANY REASON SHALL BE RESTRICTED TO THE WEEKDAY HOURS OF 9:00 AM TO 3:00 PM UNLESS OTHERWISE ALLOWED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- ALL EXISTING PUBLIC UTILITY STRUCTURES TO REMAIN LOCATED WITHIN THE AREA OF TEMPORARY PAVEMENT SHALL HAVE THE FRAME AND LID REMOVED AND A STEEL PLATE SHALL BE PLACED OVER THE EXISTING UTILITY STRUCTURE. DURING THE CONSTRUCTION OF THE PERMANENT PAVEMENT, THE STEEL PLATE WILL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR. ANY DEBRIS IN THE STRUCTURE SHALL BE REMOVED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE PAID FOR AS ONE EACH ADJUSTMENT OF THE UTILITY STRUCTURE. THE ADJUSTMENT TO THE FINAL ELEVATION SHALL BE PAID FOR AS SHOWN ON THE DRAINAGE AND UTILITIES PLANS.
- THE CONTRACTOR SHALL MAINTAIN DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. IN ADDITION TO THE PIPES AND STRUCTURES LISTED ON THIS SHEET, 15 INLETS, TYPE A WITH TYPE 1 FRAME, OPEN LID AND 600 FEET OF 12" STORM SEWER, CLASS A, TYPE 1 HAVE BEEN INCLUDED FOR TEMPORARY USE. THE REMOVAL OF ALL TEMPORARY DRAINAGE ITEMS SHALL BE PAID FOR SEPARATELY. IF ADDITIONAL TEMPORARY DRAINAGE ITEMS ARE REQUIRED, THESE SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

20. PERMANENT DRAINAGE STRUCTURES CONSTRUCTED DURING STAGE 1 THAT ARE OUTSIDE OF THE WORK ZONE THAT HAVE FINAL RIM ELEVATIONS THAT WILL CONFLICT WITH STAGE 1 OR STAGE 2 TRAFFIC SHALL BE PLACED WITH A FLAT SLAB TOP AND A STEEL PLATE COVERING THE TOP OPENING. DURING STAGE 2 AND STAGE 3 THE FLAT SLAB TOP AND STEEL PLATES SHALL BE REMOVED AND THE STRUCTURE SHALL BE CONSTRUCTED TO THE FINAL GRADE. THIS WORK SHALL BE PAID FOR AS "RECONSTRUCTED (SPECIAL)" OF THE STRUCTURE TYPE.

21. THE CONTRACTOR SHALL INSTALL TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS ALONG ALL 4" YELLOW EDGE STRIPING. SPACING SHALL BE 50' C-C, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE ANY TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER THAT IS DAMAGED OR DISPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE ORIGINAL TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER. REMOVAL OF THE TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INCLUDED IN THE COST OF "TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER".

22. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE MESSAGES SHOWN SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN" PER CALENDAR MONTH.

23. THE CONTRACTOR SHALL ERECT TEMPORARY STREET NAME SIGNS ON METAL POSTS THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

24. A QUANTITY OF HMA SURFACE COURSE, MIX D, N50 HAS BEEN INCLUDED FOR USE IN PAVING A 2" SURFACE ON THE ITEM "TEMPORARY ACCESS (ROAD)" WHEN DIRECTED BY THE ENGINEER.

25. ALL PAVEMENT MARKING TAPE, TYPE III SHOWN ON THE PLANS SHALL BE PAID FOR AS "WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III" OF THE SIZE SPECIFIED.

26. THE ELIMINATION OF THE 40' AND 50' RADII AT THE HARLEM AVENUE INTERSECTION SHALL BE ALLOWED FOR A MAXIMUM OF 10 CALENDAR DAYS.

TEMPORARY DRAINAGE NOTES

- T1 22' - PIPE CULVERT, CLASS D, TYPE 1 EQUIVALENT ROUND - SIZE 48" @ 0.50% STA. 516+82, 50' LT INV = 693.09 STA. 516+80, 28' LT INV = 692.98
- T2 99' - 48" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 0.75% STA. 749+29, 30.5' RT INV = 692.84 STA. 748+65, 42.6' LT INV = 692.10
- T3 60'-18" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 1.50% STA. 520+15, 45' RT INV = 696.26 STA. 520+72, 20' RT INV = 697.16
- T4 STA. 428+53, 36' RT SANITARY MH TO BE ADJUSTED
- T5 STA. 428+78, 58' RT PLACE CB #16 WITH RIM = 718.40
- T6 NOT USED
- T7 NOT USED
- T8 45'-12" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 0.14% STA. 434+20, 41' RT INV = 716.78 STA. 434+65, 41' RT INV = 716.84
- T9 STA. 434+75, 36' RT SANITARY MH TO BE ADJUSTED
- T10 STA. 442+25, 34' RT SANITARY MH TO BE ADJUSTED
- T10A 54'-36" PIPE CULVERT (TEMPORARY), CLASS A, TYPE 2 @ 1.00% STA. 441+39, 67.5' RT INV = 719.55 STA. 441+39, 13.5' RT INV = 719.00
- T10B 54'-36" PIPE CULVERT (TEMPORARY), CLASS A, TYPE 2 @ 1.00% STA. 441+39, 67.5' RT INV = 719.55 STA. 441+39, 13.5' RT INV = 719.00
- T10C 54'-36" PIPE CULVERT (TEMPORARY), CLASS A, TYPE 2 @ 1.00% STA. 441+39, 67.5' RT INV = 719.55 STA. 441+39, 13.5' RT INV = 719.00

- T11 30'-12" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 3.00% STA. 443+75, 53' RT INV = 725.21 STA. 444+05, 53' RT INV = 726.11
- T12 STA. 444+01, 36' RT SANITARY MH TO BE ADJUSTED
- T13 30'-18" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 3.40% STA. 451+00, 55' RT INV = 732.00 STA. 451+32, 50' RT INV = 730.98 (MATCH EXISTING INVERT AT EXISTING INLET)
- T14 30'-15" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 0.50% STA. 454+65, 46' RT INV = 730.70 STA. 454+95, 46' RT INV = 730.55
- T14A STA. 472+20, 70.3' RT INSTALL PERMANENT CB #110 WITH RIM = 724.00
- T15 25'-12" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 1.50% STA. 513+45, 38' RT INV = 706.38 STA. 513+70, 38' RT INV = 706.00
- T16 30'-15" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 1.50% STA. 514+30, 38' RT INV = 704.00 STA. 514+60, 38' RT INV = 703.55
- T17 30'-PIPE CULVERT, CLASS D, TYPE 1, EQUIVALENT ROUND - SIZE 48" @ 0.50% STA. 516+72, 24' RT INV = 692.61 STA. 516+67, 53' RT INV = 692.46
- T18 30'-12" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 1.50% STA. 518+65, 39' RT INV = 697.38 STA. 518+95, 39' RT INV = 697.83
- T19 STA. 518+98, 20' RT CB TO BE ADJUSTED
- T20 30'-15" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 1.50% STA. 522+10, 42' RT INV = 703.10 STA. 522+40, 42' RT INV = 703.55
- T21 STA. 525+76, 33' RT VALVE VAULT TO BE ADJUSTED
- T22 60'-12" PIPE CULVERT (TEMPORARY), CLASS D, TYPE 1 @ 0.50% STA. 536+60, 31' RT INV = 732.35 STA. 537+20, 31' RT INV = 732.65
- T23 STA. 543+31.40, 47.5' RT INSTALL TYPE 8 GRATE ON PERMANENT MH #351 RIM = 727.70
- T24 STA. 544+86, 52' RT VALVE VAULT TO BE ADJUSTED
- T25 STA. 894+40.30, 43.2' RT INSTALL TYPE 8 GRATE ON PERMANENT CB #360 RIM = 730.80
- T26 STA. 547+02, 52' RT VALVE VAULT TO BE ADJUSTED
- T27 STA. 595+55, 0' O/S CB TO BE ADJUSTED
- T28 NOT USED
- T29 NOT USED
- T30 NOT USED
- T31 23'-24" PIPE CULVERT (TEMPORARY), CLASS A, TYPE 1 @ 0.50% STA. 991+09, 64' LT INV = 710.03 STA. 991+07, 41' LT INV = 709.91
- T32 23'-24" PIPE CULVERT (TEMPORARY), CLASS A, TYPE 1 @ 0.50% STA. 991+13, 64' LT INV = 710.03 STA. 991+07, 41' LT INV = 709.91

- T33 21'-30" PIPE CULVERT (TEMPORARY), CLASS A, TYPE 1 @ 0.50% STA. 991+04, 33' RT INV = 709.59 STA. 990+97, 50' RT INV = 709.48
- T34 21'-30" PIPE CULVERT (TEMPORARY), CLASS A, TYPE 1 @ 0.50% STA. 991+08, 33' RT INV = 709.50 STA. 991+01, 50' RT INV = 709.39
- T35 STA. 1015+00, 0' O/S CB TO BE ADJUSTED
- T35A STA. 427+50, 2' RT CB RECONSTRUCT, SPECIAL
- T35B STA. 427+50, 11' RT CB RECONSTRUCT, SPECIAL
- T35C STA. 427+50, 35' RT CB RECONSTRUCT, SPECIAL
- T35D STA. 428+78, 11' RT CB RECONSTRUCT, SPECIAL
- T36 STA. 428+78, 35' RT CB RECONSTRUCT, SPECIAL
- T37 STA. 428+78, 58' RT CB RECONSTRUCT, SPECIAL
- T38 STA. 430+03, 35' RT CB RECONSTRUCT, SPECIAL
- T39 STA. 432+69, 37' RT CB RECONSTRUCT, SPECIAL
- T39A STA. 472+20, 70' RT CB RECONSTRUCT, SPECIAL
- T39B STA. 472+97, 55' RT MH RECONSTRUCT, SPECIAL
- T39C STA. 490+85, 35' LT CB RECONSTRUCT, SPECIAL
- T39D STA. 491+68, 35' LT CB RECONSTRUCT, SPECIAL
- T40 STA. 507+30, 35' RT CB RECONSTRUCT, SPECIAL
- T41 STA. 507+30, 45' RT MH RECONSTRUCT, SPECIAL
- T42 STA. 508+95, 45' RT MH RECONSTRUCT, SPECIAL
- T43 STA. 515+54, 45' RT MH RECONSTRUCT, SPECIAL
- T43A STA. 515+54, 11' RT CB RECONSTRUCT, SPECIAL
- T44 STA. 515+84, 55' RT MH RECONSTRUCT, SPECIAL
- T45 STA. 521+49, 45' RT CB RECONSTRUCT, SPECIAL
- T46 STA. 523+73, 35' RT CB RECONSTRUCT, SPECIAL
- T47 STA. 523+73, 45.5' RT MH RECONSTRUCT, SPECIAL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		MAINTENANCE OF TRAFFIC GENERAL NOTES AND DRAINAGE CALL-OFFS

SCALE: VERT. NOT TO SCALE  
HORIZ. DATE 6/11/2010 DRAWN BY DJK  
CHECKED BY JRV



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	91
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

- (T48) STA. 526+23, 35' RT  
CB RECONSTRUCT, SPECIAL
- (T48A) STA. 526+23, 47' RT  
MH RECONSTRUCT, SPECIAL
- (T48B) STA. 528+70, 35' RT  
CB RECONSTRUCT, SPECIAL
- (T48C) STA. 528+70, 44' RT  
MH RECONSTRUCT, SPECIAL
- (T48D) STA. 530+35, 35' RT  
CB RECONSTRUCT, SPECIAL
- (T49) STA. 543+31.40, 47.5' RT  
MH RECONSTRUCT, SPECIAL
- (T49A) STA. 543+25, 35' RT  
CB RECONSTRUCT, SPECIAL
- (T50) STA. 899+40, 43' RT  
INLET RECONSTRUCT, SPECIAL
- (T50A) STA. 545+56, 43' RT  
MH RECONSTRUCT, SPECIAL
- (T51) STA. 1001+10, 9' RT  
CB RECONSTRUCT, SPECIAL
- (T51A) STA. 998+80, 51' RT  
CB RECONSTRUCT, SPECIAL
- (T52) STA. 992+09, 0' RT  
CB RECONSTRUCT, SPECIAL
- (T52A) STA. 992+09, 39' RT  
CB RECONSTRUCT, SPECIAL
- (T53) STA. 994+75, 48' RT  
MH RECONSTRUCT, SPECIAL
- (T53A) STA. 994+75, 39' RT  
CB RECONSTRUCT, SPECIAL
- (T54) STA. 995+65, 53' RT  
MH RECONSTRUCT, SPECIAL
- (T55) STA. 995+65, 44' RT  
CB RECONSTRUCT, SPECIAL
- (T56) STA. 997+30, 51' RT  
CB RECONSTRUCT, SPECIAL
- (T57) STA. 1002+60, 9' RT  
CB RECONSTRUCT, SPECIAL
- (T58) STA. 1002+60, 42' RT  
CB RECONSTRUCT, SPECIAL
- (T59) STA. 1009+91, 36' RT  
CB RECONSTRUCT, SPECIAL
- (T60) STA. 485+21, 35' LT  
CB RECONSTRUCT, SPECIAL
- (T61) STA. 485+21, 11' LT  
CB RECONSTRUCT, SPECIAL
- (T62) STA. 487+14, 35' LT  
CB RECONSTRUCT, SPECIAL
- (T63) STA. 450+82, 11' LT  
CB RECONSTRUCT, SPECIAL
- (T64) STA. 485+21, 11' LT  
CB RECONSTRUCT, SPECIAL
- (T65) STA. 487+14, 5' LT  
CB RECONSTRUCT, SPECIAL
- (T66) STA. 487+14, 5' LT  
CB RECONSTRUCT, SPECIAL

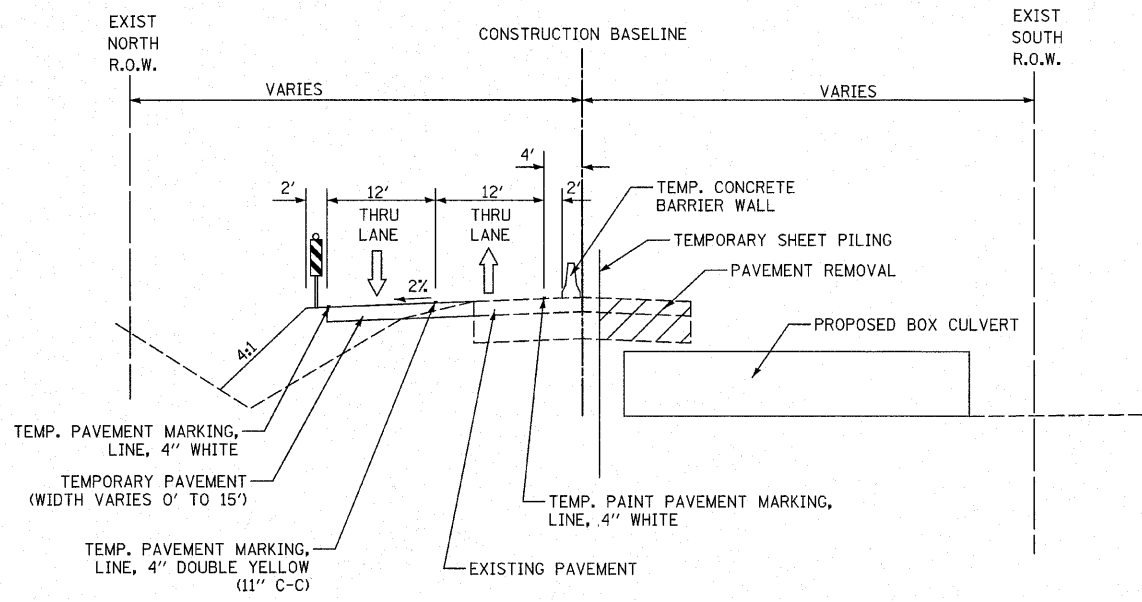
- (T67) STA. 490+85, 11' RT  
CB RECONSTRUCT, SPECIAL
- (T68) STA. 506+40, 5' RT  
CB RECONSTRUCT, SPECIAL
- (T69) STA. 515+54, 11' RT  
CB RECONSTRUCT, SPECIAL
- (T70) STA. 542+00, 1.4' LT  
CB RECONSTRUCT, SPECIAL
- (T71) STA. 544+00, 5' LT  
CB RECONSTRUCT, SPECIAL
- (T71A) STA. 570+29, 11.6' LT  
CB RECONSTRUCT, SPECIAL
- (T71B) STA. 570+29, 11.6' RT  
CB RECONSTRUCT, SPECIAL
- (T72) STA. 577+38, 9' LT  
CB RECONSTRUCT, SPECIAL
- (T73) STA. 578+78, 9' LT  
CB RECONSTRUCT, SPECIAL
- (T74) STA. 998+80, 9' LT  
CB RECONSTRUCT, SPECIAL
- (T75) STA. 578+78, 9' RT  
CB RECONSTRUCT, SPECIAL
- (T76) STA. 595+55, 0' O/S  
CB TO BE ADJUSTED  
W/ NEW T-1 FRAME, OPEN LID
- (T77) STA. 997+30, 9' LT  
CB RECONSTRUCT, SPECIAL
- (T78) STA. 1015+00, 0' O/S  
CB TO BE ADJUSTED  
W/ NEW T-1 FRAME, OPEN LID

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC  
 DRAINAGE CALL-OFFS**

SCALE: VERT. NOT TO SCALE  
 HORIZ. DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	92
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



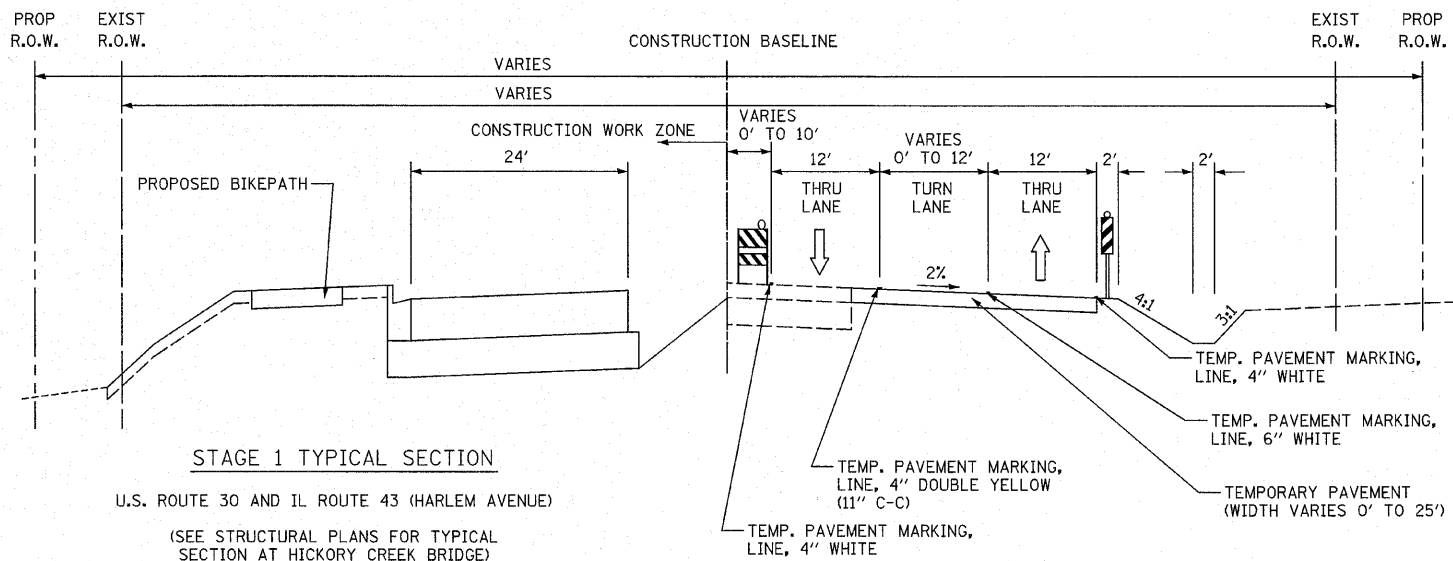
TEMPORARY PAVEMENT FOR ALL STAGES SHALL CONSIST OF THE FOLLOWING:  
 1.75" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm)  
 8.25" TEMP PAVEMENT (HMA BINDER IL-19 mm)  
 OR  
 8" PORTLAND CEMENT CONCRETE BASE COURSE

ADVANCE STAGE A NOTES

1. CLOSE HILLSIDE ROAD. CONSTRUCT TEMPORARY CULVERTS AND DIRECT FLOW THROUGH THEM. CONSTRUCT 9'X5' BOX CULVERT ACROSS HILLSIDE ROAD. REPAIR TRENCHES ACROSS HILLSIDE ROAD USING CLASS D PATCHES, 10 INCH PRIOR TO RE-OPENING TO TWO-WAY TRAFFIC.
2. CONSTRUCT TEMPORARY PAVEMENT ON U.S. ROUTE 30.
3. EXTEND 9'X5' BOX CULVERT TO THE CENTERLINE OF U.S. ROUTE 30.

ADVANCE STAGE A TYPICAL SECTION

U.S. ROUTE 30  
 STA. 513+00 TO STA. 528+00



STAGE 1 TYPICAL SECTION

U.S. ROUTE 30 AND IL ROUTE 43 (HARLEM AVENUE)  
 (SEE STRUCTURAL PLANS FOR TYPICAL SECTION AT HICKORY CREEK BRIDGE)

STAGE 1 NOTES

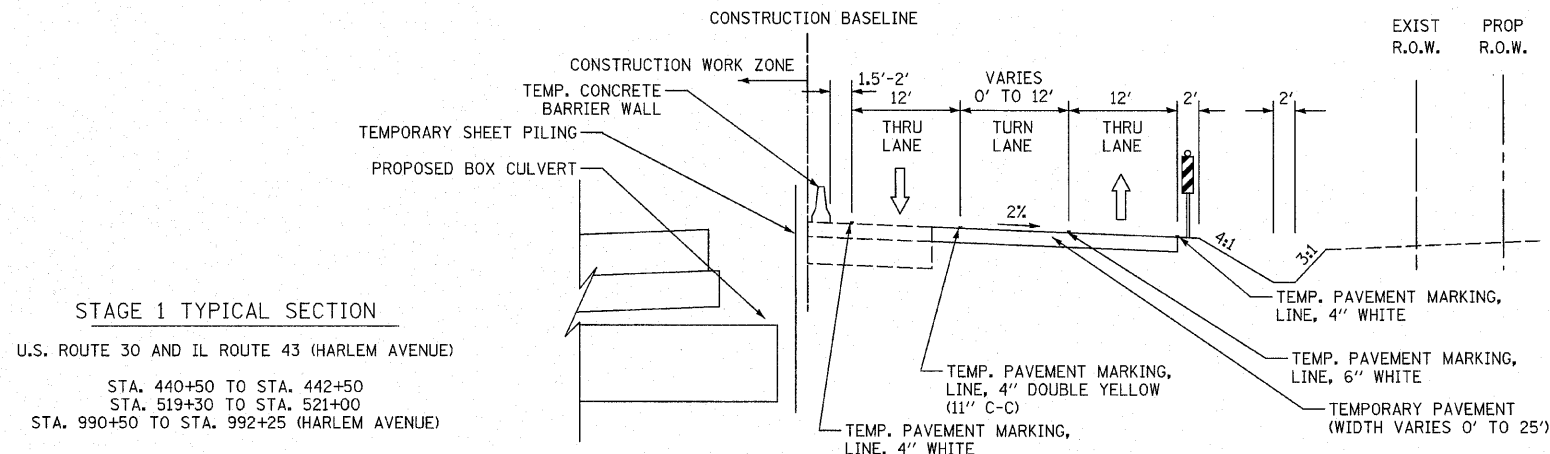
1. INSTALL TEMPORARY TRAFFIC SIGNALS.
2. CONSTRUCT STORM SEWER MAINLINE ALONG EAST SIDE OF HARLEM AVENUE AND ACROSS NORTH LEG OF THE US ROUTE 30 / HARLEM AVENUE INTERSECTION. CONSTRUCT BOX CULVERT FROM STA. 996+13 TO STA. 1000+15. DAILY CLOSURES OF THE LEFT TURN LANES AND A SINGLE THROUGH LANE IN EACH DIRECTION AT THE INTERSECTION WILL BE ALLOWED FOR THESE OPERATIONS IF DEEMED NECESSARY BY THE ENGINEER. THE EXISTING PAVEMENT SHALL BE PATCHED WITH CLASS D PATCHES, 10 INCH AND SHALL BE PAID AS SUCH.
3. CONSTRUCT STORM SEWER MAINLINE ALONG THE NORTH SIDE OF U.S. ROUTE 30 AND STUB-OUT LATERALS USING DAILY LANES CLOSURES IN ACCORDANCE WITH STANDARD 701201 AS REQUIRED AND APPROVED BY THE ENGINEER. CONSTRUCT THE STORM SEWER ACROSS THE EXISTING PAVEMENT AT THE LOCATIONS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS. THE EXISTING PAVEMENT SHALL BE PATCHED WITH CLASS D PATCHES, 10 INCH AND SHALL BE PAID AS SUCH. IF THE CONTRACTOR ELECTS TO CONSTRUCT LATERALS ACROSS THE ENTIRE FUTURE PAVEMENT WIDTH (OTHER THAN THOSE SHOWN ON THE M.O.T. PLANS), THE EXISTING PAVEMENT SHALL BE PATCHED ACROSS THE TRENCHES. THIS PATCHING SHALL MEET THE SPECIFICATIONS OF "CLASS D PATCH, 10 INCH" EXCEPT THAT THESE PATCHES WILL NOT BE PAID FOR.
4. CONSTRUCT STORM SEWER MAINLINE ALONG THE SOUTH SIDE OF U.S. ROUTE 30 AND EXTEND LATERALS AS SHOWN ON THE M.O.T. PLANS USING DAILY LANE CLOSURES IN ACCORDANCE WITH STANDARD 701201 AS REQUIRED. THE EXISTING PAVEMENT SHALL BE PATCHED WITH CLASS D PATCHES, 10 INCH AND SHALL BE PAID AS SUCH.
5. CONSTRUCT TEMPORARY PAVEMENT, TEMPORARY CULVERTS, STRUCTURE ADJUSTMENTS, AND TEMPORARY DRIVEWAYS. TEMPORARY LANE CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD 701201 WHEN REQUIRED.
6. CONSTRUCT PERMANENT HMA BASE COURSE WIDENING ON EAST SIDE OF HARLEM AVENUE (SOUTH OF STA. 988+20.64) USING DAILY LANE CLOSURES IN ACCORDANCE WITH STANDARD 701201.
7. SHIFT TRAFFIC TO TEMPORARY LANES.
8. CONSTRUCT BOX CULVERT FROM STA. 427+80 TO STA. 441+23. DIRECT STREAM FLOW INTO JUNCTION CHAMBER NO. 4 UPON ITS COMPLETION. COMPLETE BOX CULVERT AT STA. 520+00. COMPLETE CONSTRUCTION OF BOX CULVERT AT THE INTERSECTION OF U.S. ROUTE 30 AND HARLEM AVENUE.
9. CONSTRUCT THE SOUTHERN WIDENING OF THE BRIDGE OVER HICKORY CREEK.
10. CONSTRUCT CURB AND GUTTER AND PAVEMENT.

STAGE 1A NOTES

1. CONSTRUCT SIDESTREETS. ADJACENT SIDESTREETS SHALL NOT BE CLOSED AT THE SAME TIME. THE CONTRACTOR SHALL ALTERNATE SIDESTREET CLOSURES.
2. MOVE TEMPORARY SIGNAL HEADS AT THE INTERSECTION OF U.S. ROUTE 30 AND IL ROUTE 43 AND CONSTRUCT THE SOUTHWEST QUADRANT OF THE INTERSECTION.

STAGE 1B NOTES

1. MOVE TEMPORARY SIGNAL HEADS AT THE INTERSECTION OF U.S. ROUTE 30 AND IL ROUTE 43 AND CONSTRUCT THE REMAINING PORTION OF THE SOUTHWEST QUADRANT OF THE INTERSECTION.



STAGE 1 TYPICAL SECTION

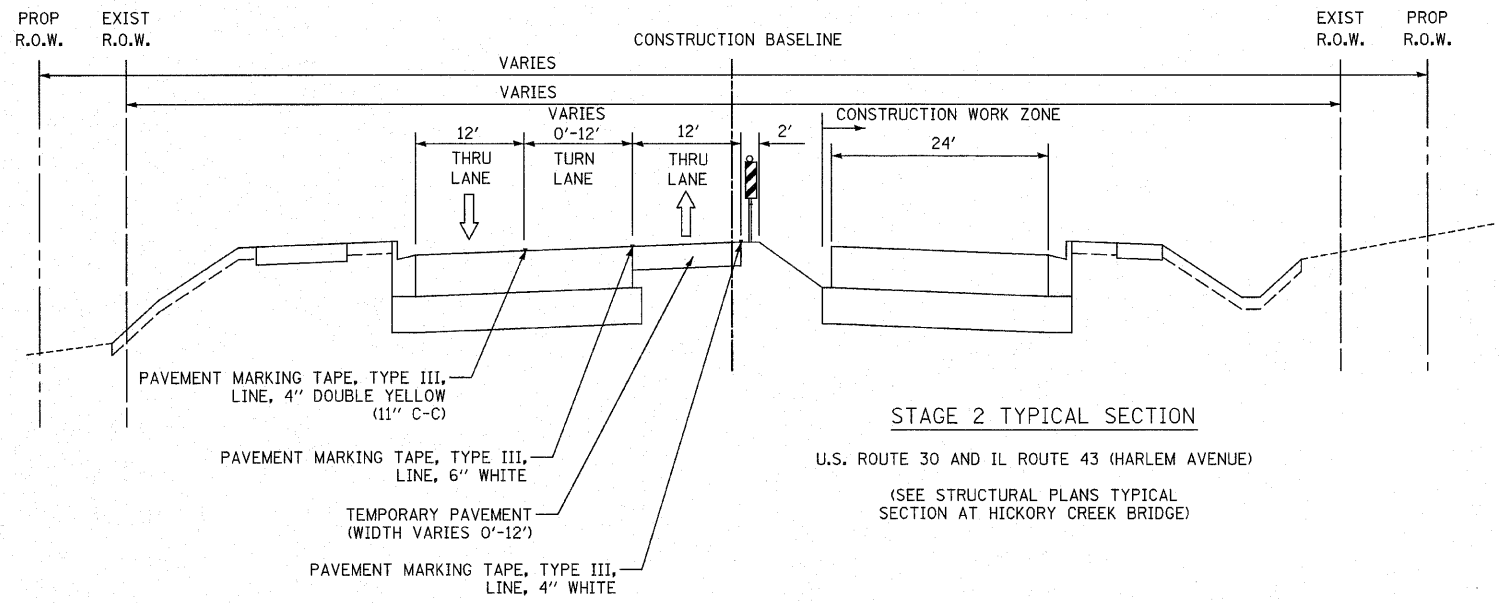
U.S. ROUTE 30 AND IL ROUTE 43 (HARLEM AVENUE)  
 STA. 440+50 TO STA. 442+50  
 STA. 519+30 TO STA. 521+00  
 STA. 990+50 TO STA. 992+25 (HARLEM AVENUE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC  
 TYPICAL SECTIONS

SCALE: VERT. NOT TO SCALE  
 HORIZ. NOT TO SCALE  
 DATE 6/11/2010  
 DRAWN BY DJK  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	93
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

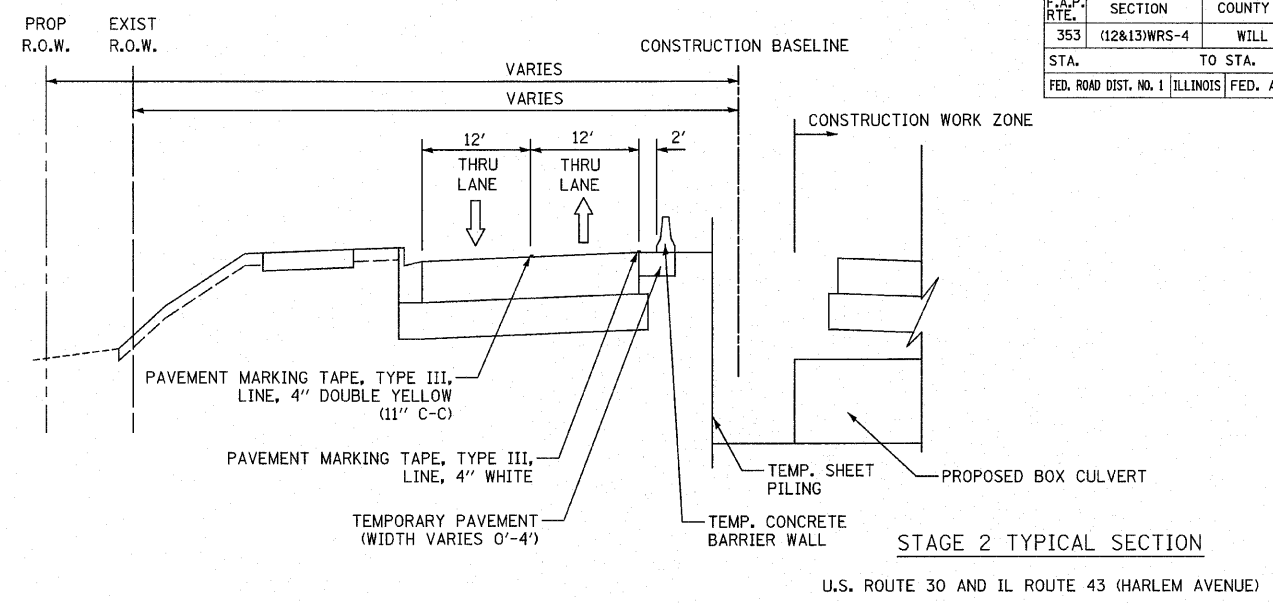


STAGE 2 TYPICAL SECTION

U.S. ROUTE 30 AND IL ROUTE 43 (HARLEM AVENUE)  
(SEE STRUCTURAL PLANS TYPICAL SECTION AT HICKORY CREEK BRIDGE)

STAGE 2 NOTES

1. CONSTRUCT TEMPORARY PAVEMENT REQUIRED FOR STAGE 2 TRAFFIC.
2. MOVE TEMPORARY SIGNAL HEADS.
3. SHIFT TRAFFIC TO PERMANENT PAVEMENT CONSTRUCTED DURING STAGE 1.
4. EXTEND SEWER LATERALS AND BOX CULVERTS.
5. CONSTRUCT EASTBOUND LANES.
6. GRADE REMAINING MEDIAN AREAS TO FINISH GRADE ELEVATIONS AND PLACE SUB-BASE MATERIAL.



STAGE 2 TYPICAL SECTION

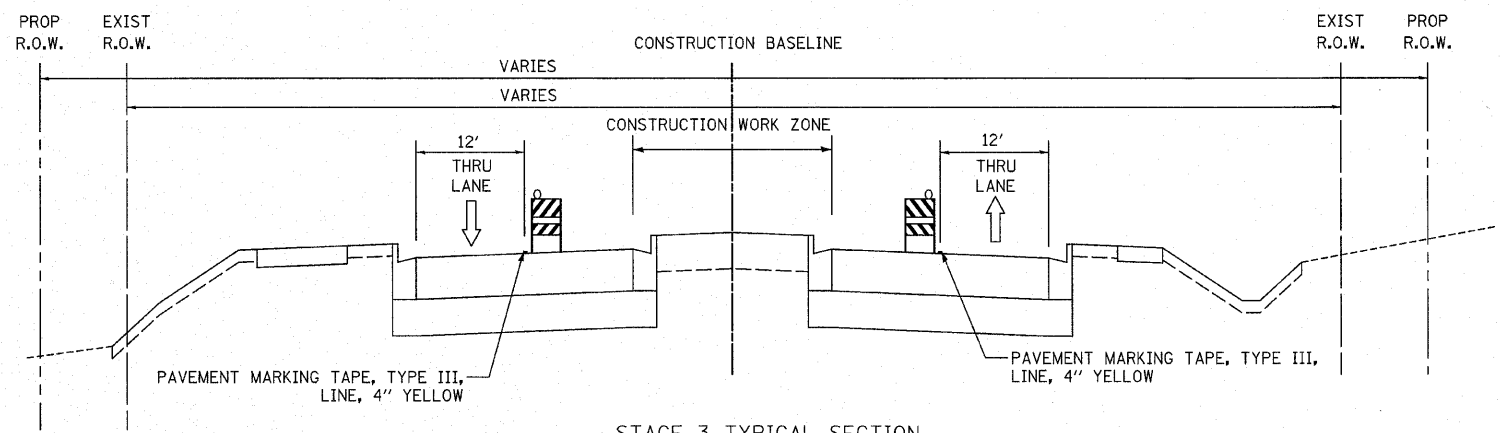
U.S. ROUTE 30 AND IL ROUTE 43 (HARLEM AVENUE)  
STA. 440+50 TO STA. 442+50  
STA. 990+50 TO STA. 992+25 (HARLEM AVENUE)

STAGE 2A NOTES

1. CONSTRUCT SIDE STREETS. ADJACENT SIDE STREETS SHALL NOT BE CLOSED AT THE SAME TIME. THE CONTRACTOR SHALL ALTERNATE SIDE STREET CLOSURES.
2. MOVE TEMPORARY SIGNAL HEADS AT THE INTERSECTION OF U.S. ROUTE 30 AND IL ROUTE 43.
3. CONSTRUCT PERMANENT PAVEMENT AT LOCATION OF CROSS-OVER AND AT THE INTERSECTION OF U.S. ROUTE 30 AND IL ROUTE 43.

STAGE 2B NOTES

1. CONSTRUCT PERMANENT PAVEMENT AT LOCATION OF CROSS-OVER.



STAGE 3 TYPICAL SECTION

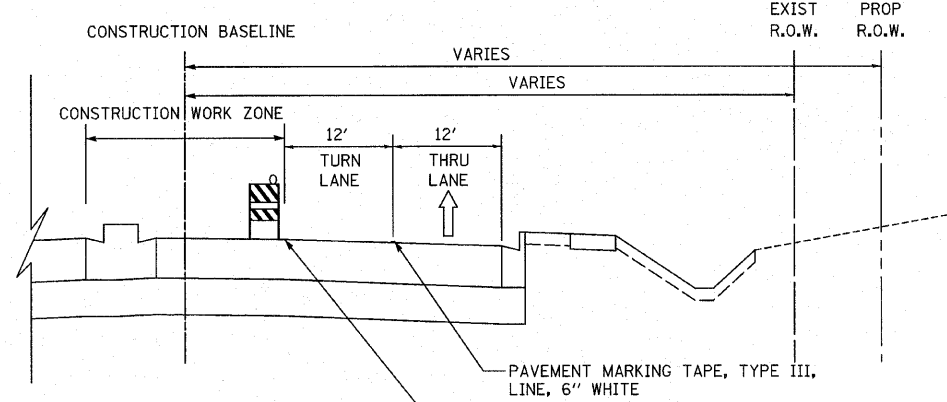
U.S. ROUTE 30 AND IL ROUTE 43 (HARLEM AVENUE)

STAGE 3 NOTES

1. MOVE TEMPORARY SIGNAL HEADS AND SHIFT TRAFFIC ON U.S. ROUTE 30.
2. CONSTRUCT REMAINING PERMANENT PAVEMENT AND CURB AND GUTTER IN MEDIAN AREAS ALONG U.S. ROUTE 30. ACCESS ACROSS THE MEDIAN AT INTERSECTIONS SHALL BE MAINTAINED EXCEPT FOR SHORT DURATIONS WHEN CONSTRUCTION IS OCCURRING AT THE INTERSECTION. THE TEMPORARY LEFT TURN LANES ALONG U.S. ROUTE 30 MAY BE TEMPORARILY CLOSED WHEN THE CONTRACTOR IS CONSTRUCTING THE PERMANENT PAVEMENT ADJACENT TO THESE LANES.
3. PLACE LANDSCAPING IN MEDIANS.

STAGE 3A NOTES

1. SHIFT TRAFFIC ON HARLEM AVENUE AND ON U.S. ROUTE 30 AT HARLEM AVENUE.
2. CONSTRUCT REMAINING PERMANENT PAVEMENT AND CURB AND GUTTER IN MEDIAN AREAS ALONG HARLEM AVENUE.
3. CONSTRUCT REMAINING PERMANENT PAVEMENT IN MEDIAN AREAS ALONG U.S. ROUTE 30 AT THE INTERSECTIONS OF PFEIFFER ROAD, 80TH AVENUE AND HUNTER WOODS / FRANKFORT SQUARE. ACCESS ACROSS THE MEDIAN AT THESE INTERSECTIONS SHALL BE MAINTAINED EXCEPT FOR SHORT DURATIONS WHEN CONSTRUCTION IS OCCURRING AT THE INTERSECTIONS.
4. PLACE LANDSCAPING IN MEDIANS ON HARLEM AVENUE.
5. MILL EXISTING PAVEMENT AND BASE COURSE WIDENING ON HARLEM. PLACE BINDER AND SURFACE COURSE ON SIDE ROADS AND HARLEM AVENUE USING DAILY LANE CLOSURES IN ACCORDANCE WITH STANDARD 701201 AND 701501.



STAGE 3 TYPICAL SECTION

LEFT TURN LANE DETAIL

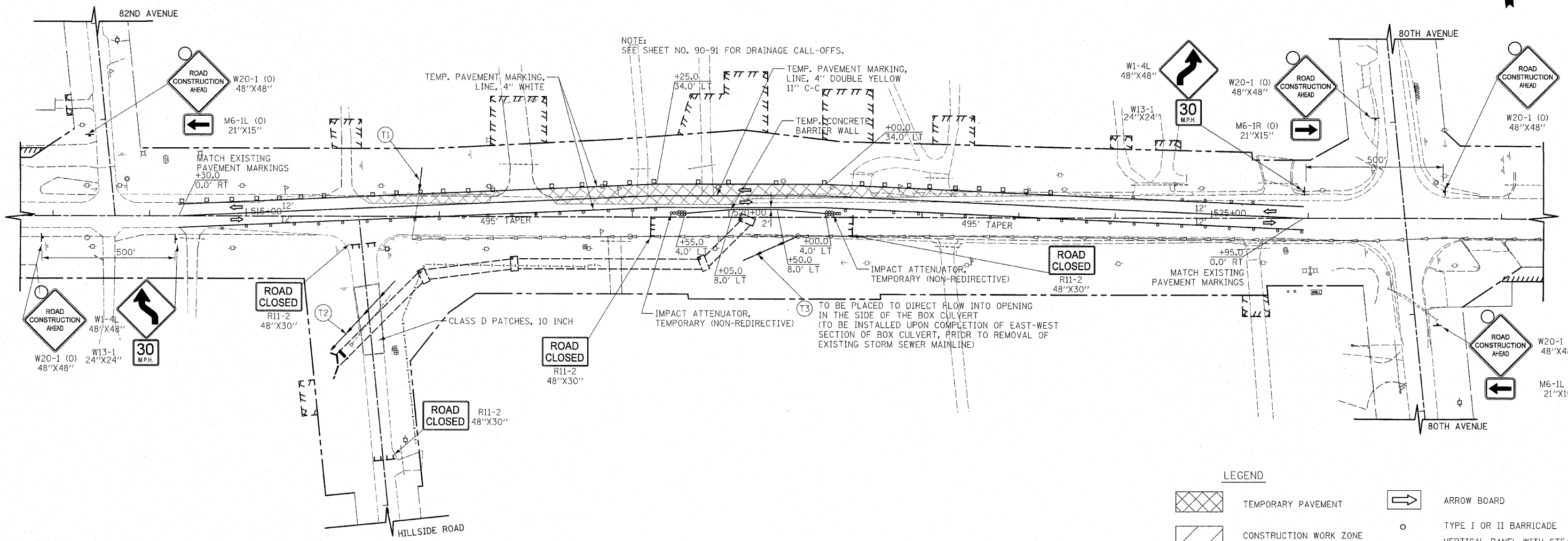
6. PLACE AGGREGATE SHOULDERS ON HARLEM AVENUE USING DAILY LANE CLOSURES IN ACCORDANCE WITH STANDARD 701201.
7. PLACE PERMANENT PAVEMENT MARKINGS USING DAILY LANE CLOSURES IN ACCORDANCE WITH STANDARD 701201 AND 701501. ACTIVATE PERMANENT SIGNALS.

REVISIONS	
NAME	DATE








ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS**

SCALE: VERT. NOT TO SCALE  
HORIZ. NOT TO SCALE  
DATE 6/11/2010  
DRAWN BY DJK  
CHECKED BY JRJ

CONTRACT NO. 62478			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
353	(12&13)WRS-4	WILL	608 94
STA. 513+00		TO STA.528+00	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



**LEGEND**

	TEMPORARY PAVEMENT		ARROW BOARD
	CONSTRUCTION WORK ZONE		TYPE I OR II BARRICADE
	DIRECTION OF TRAFFIC FLOW		VERTICAL PANEL WITH STEADY BURNING LIGHT
			TYPE III BARRICADE WITH FLASHING LIGHT

REVISIONS	
NAME	DATE

**U.S. ROUTE 30**  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 30  
 MAINTENANCE OF TRAFFIC  
 ADVANCE STAGE A

STATION 513+00 TO STATION 528+00

50 0 50  
 SCALE IN FEET

DATE 6/11/2010

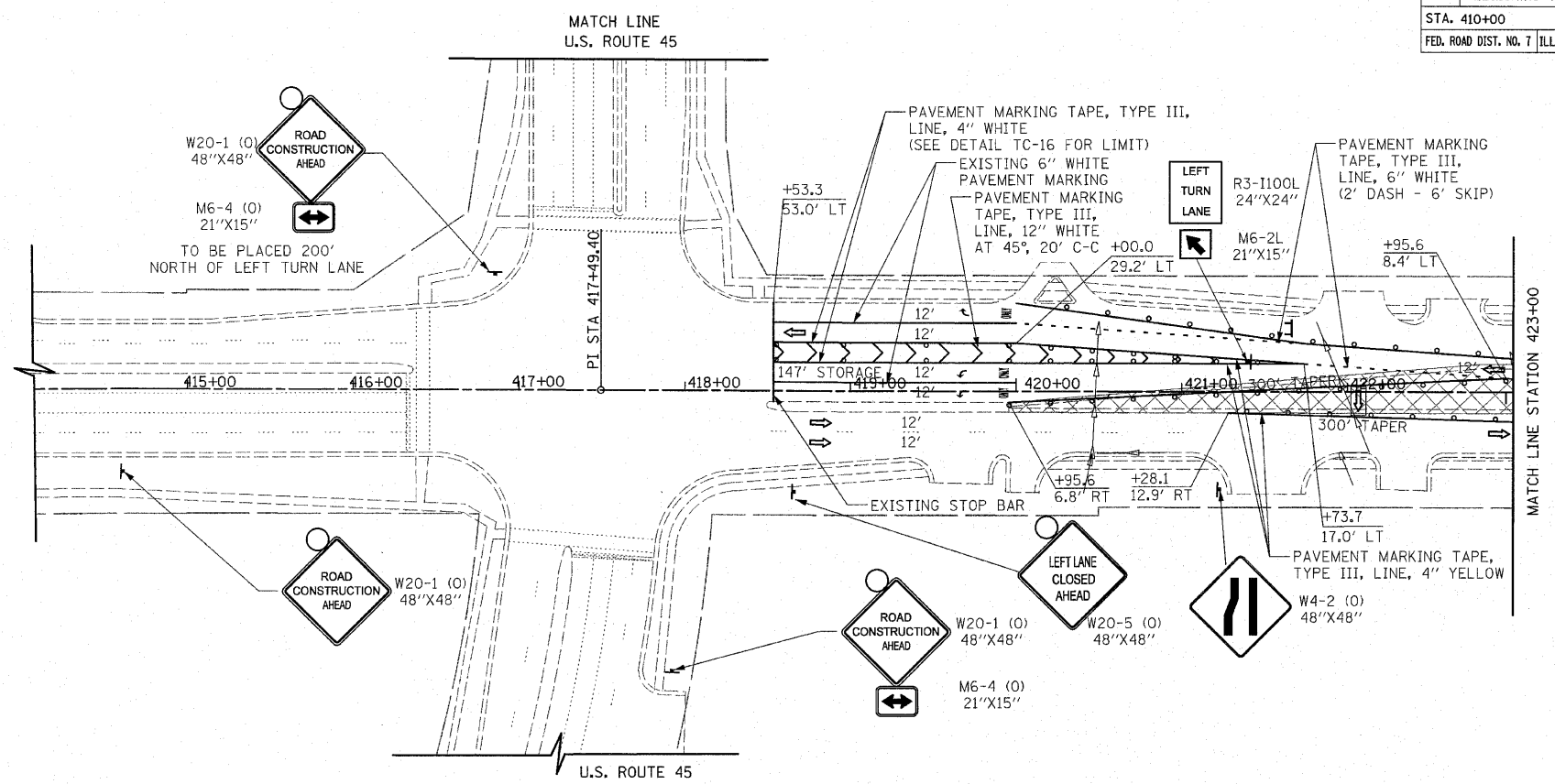
DRAWN BY DJK  
 CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	95
STA. 410+00		TO STA. 435+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

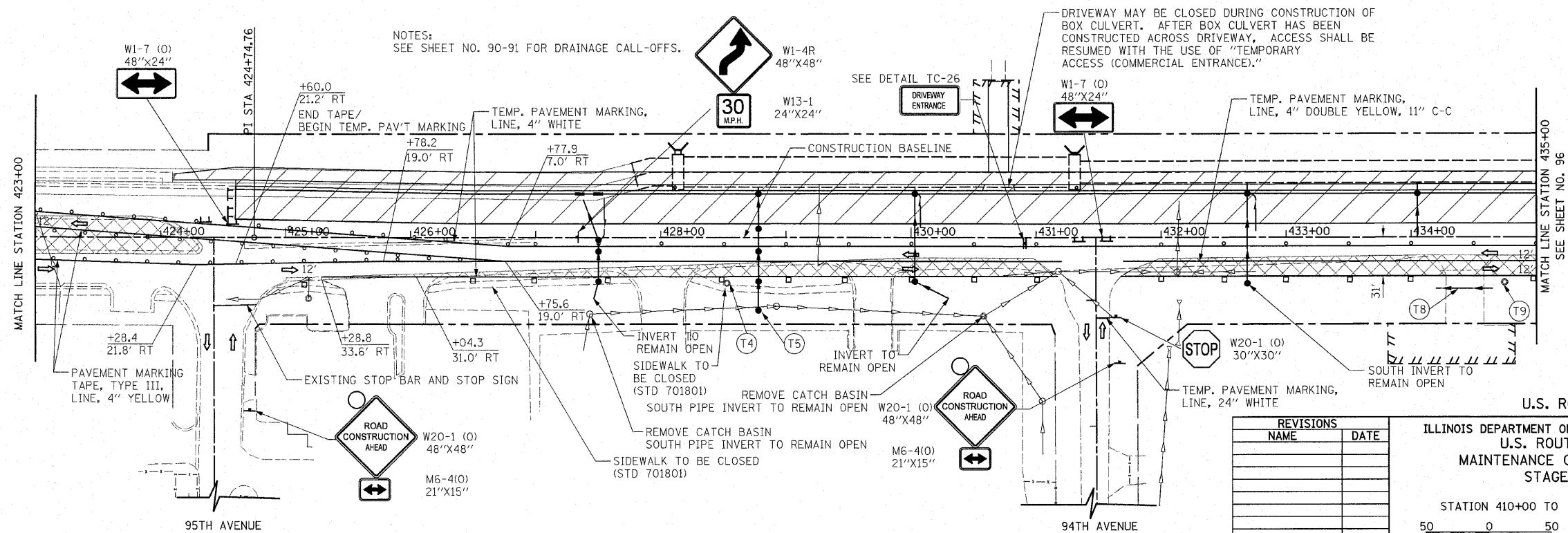
NOTE:  
THE MAINTENANCE OF TRAFFIC PLANS HAVE BEEN DEVELOPED ASSUMING THE RECONSTRUCTION OF U.S. ROUTE 30 WEST OF U.S. ROUTE 45 (CONTRACT NO. 62479) WILL OCCUR AT THE SAME TIME AS THIS PROJECT.  
THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE WESTERN PROJECT, INCLUDING STAGING AT THE INTERSECTION WITH U.S. ROUTE 45, IN ORDER TO MINIMIZE THE IMPACT ON THE MOTORING PUBLIC.

**LEGEND**

	TEMPORARY PAVEMENT		ARROW BOARD
	CONSTRUCTION WORK ZONE		TYPE I OR II BARRICADE
	DIRECTION OF TRAFFIC FLOW		VERTICAL PANEL WITH STEADY BURNING LIGHT
			TYPE III BARRICADE WITH FLASHING LIGHTS



U.S. ROUTE 30



NOTES:  
SEE SHEET NO. 90-91 FOR DRAINAGE CALL-OFFS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
MAINTENANCE OF TRAFFIC  
STAGE 1

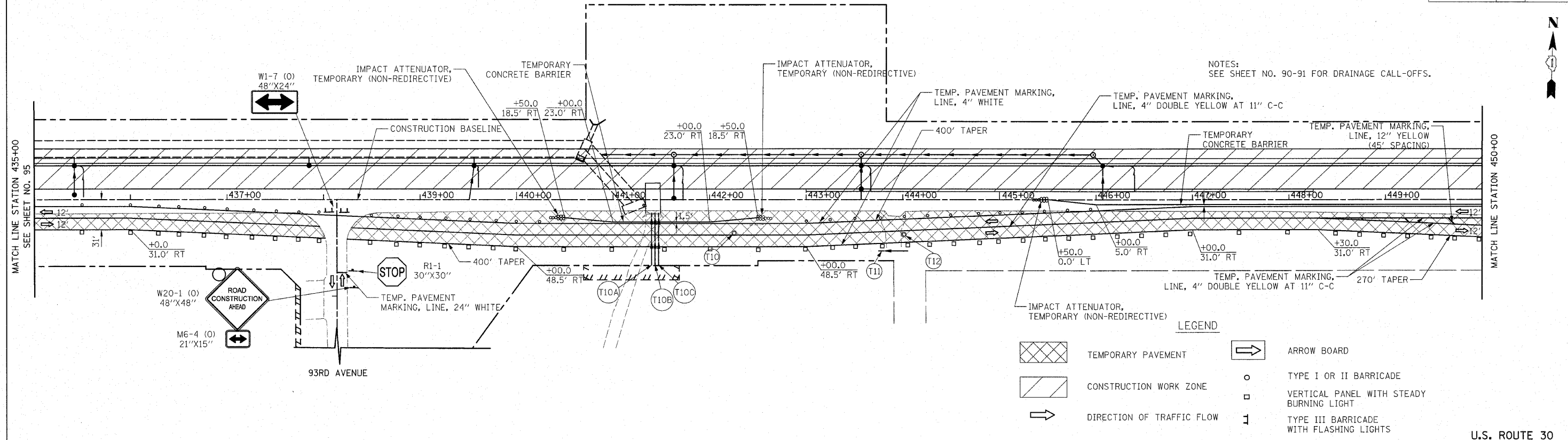
STATION 410+00 TO STATION 435+00

SCALE IN FEET

DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

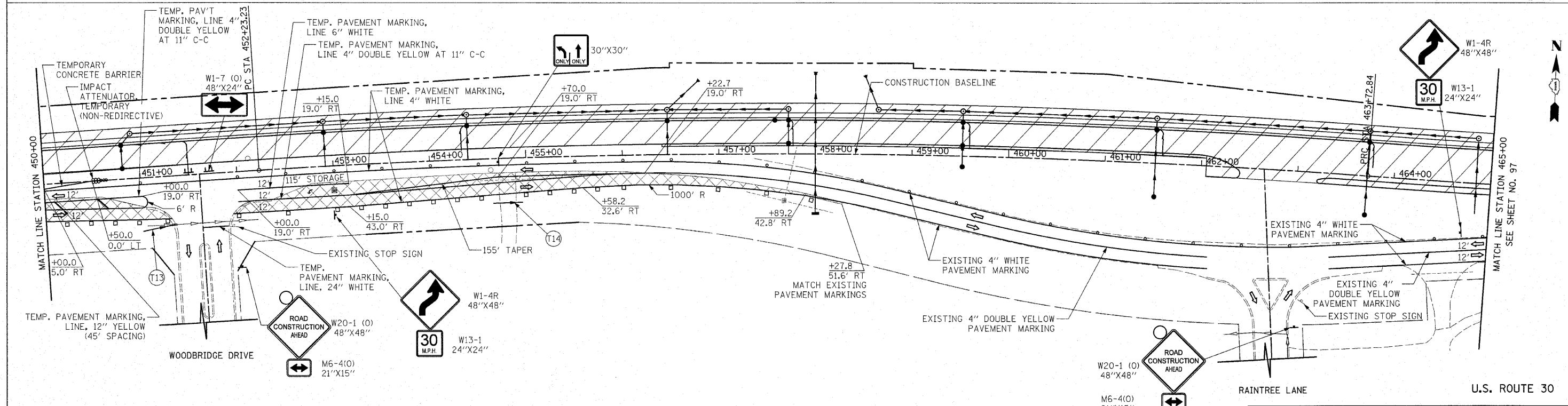
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	96
STA. 435+00		TO STA. 465+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



NOTES:  
SEE SHEET NO. 90-91 FOR DRAINAGE CALL-OFFS.

**LEGEND**

- TEMPORARY PAVEMENT
- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- ARROW BOARD
- TYPE I OR II BARRICADE
- VERTICAL PANEL WITH STEADY BURNING LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
MAINTENANCE OF TRAFFIC  
STAGE 1

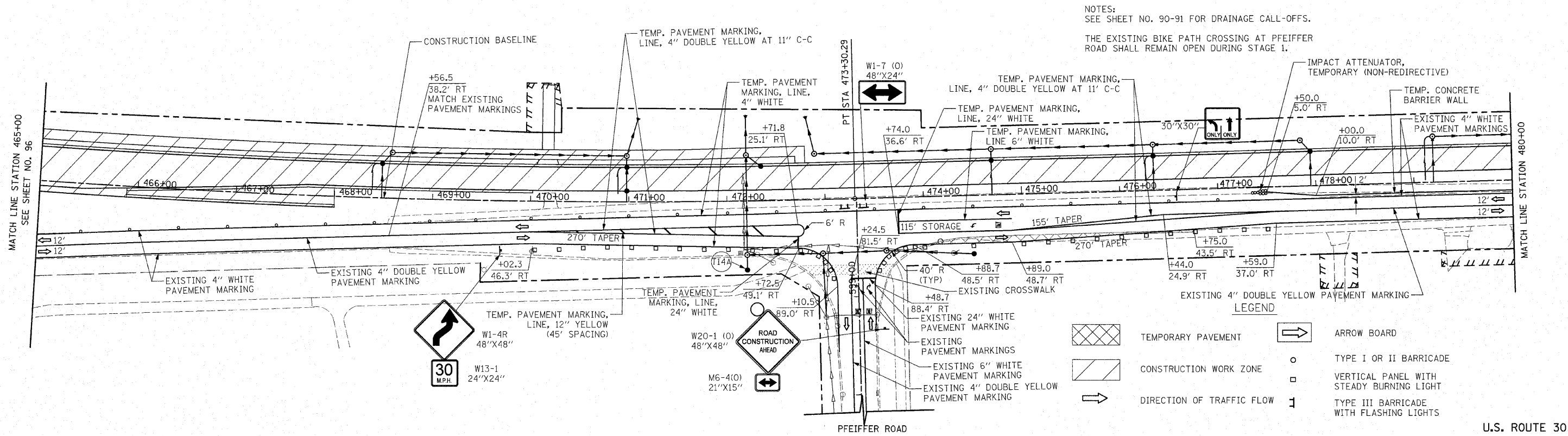
STATION 435+00 TO STATION 465+00

SCALE IN FEET  
0 50 50

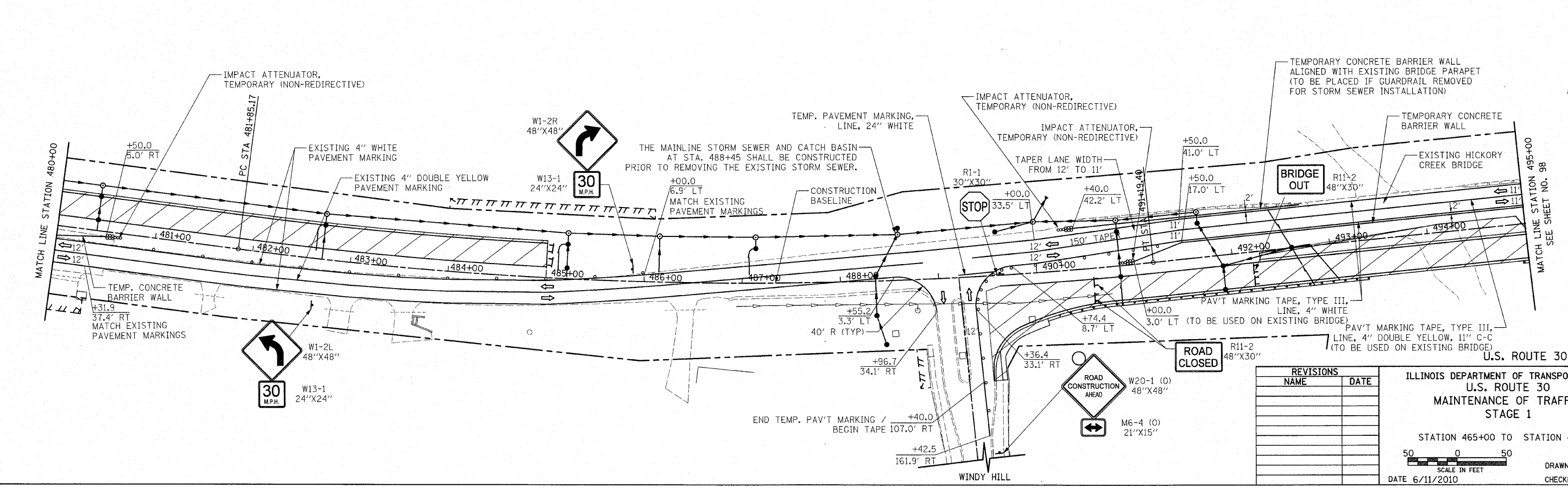
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRJ





NOTES:  
SEE SHEET NO. 90-91 FOR DRAINAGE CALL-OFFS.  
THE EXISTING BIKE PATH CROSSING AT PFEIFFER ROAD SHALL REMAIN OPEN DURING STAGE 1.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
MAINTENANCE OF TRAFFIC  
STAGE 1

STATION 465+00 TO STATION 495+00

SCALE IN FEET  
50 0 50

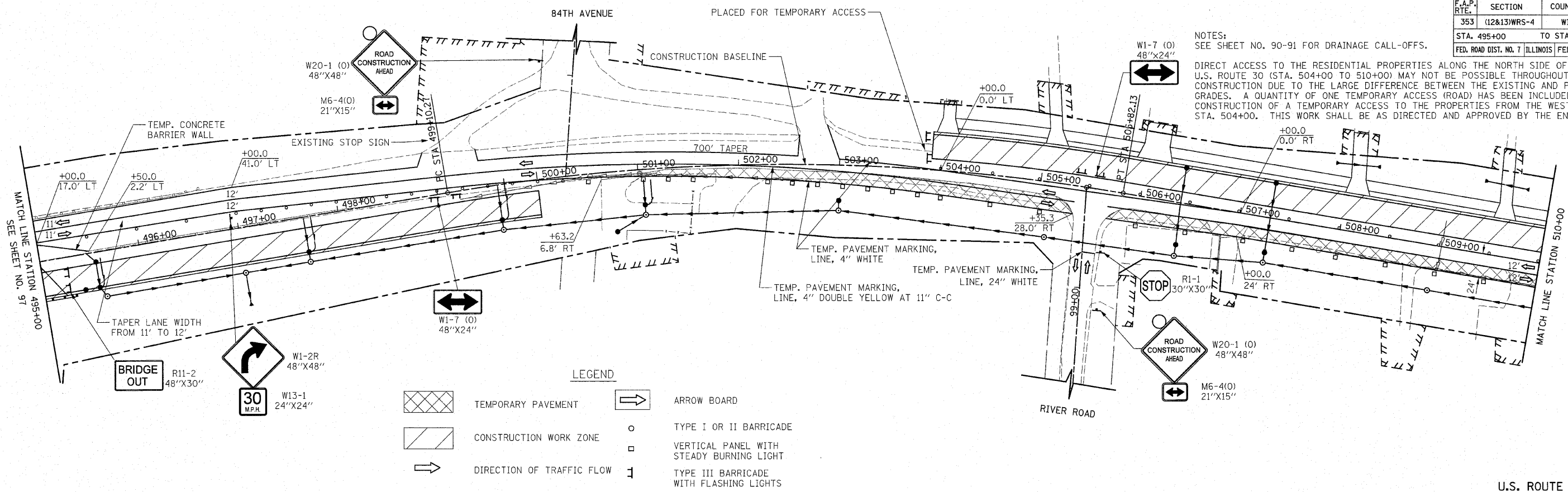
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	98
STA. 495+00		TO STA. 525+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NOTES:  
SEE SHEET NO. 90-91 FOR DRAINAGE CALL-OFFS.

DIRECT ACCESS TO THE RESIDENTIAL PROPERTIES ALONG THE NORTH SIDE OF U.S. ROUTE 30 (STA. 504+00 TO 510+00) MAY NOT BE POSSIBLE THROUGHOUT STAGE 1 CONSTRUCTION DUE TO THE LARGE DIFFERENCE BETWEEN THE EXISTING AND PROPOSED GRADES. A QUANTITY OF ONE TEMPORARY ACCESS (ROAD) HAS BEEN INCLUDED FOR THE CONSTRUCTION OF A TEMPORARY ACCESS TO THE PROPERTIES FROM THE WEST END AT STA. 504+00. THIS WORK SHALL BE AS DIRECTED AND APPROVED BY THE ENGINEER.



**LEGEND**

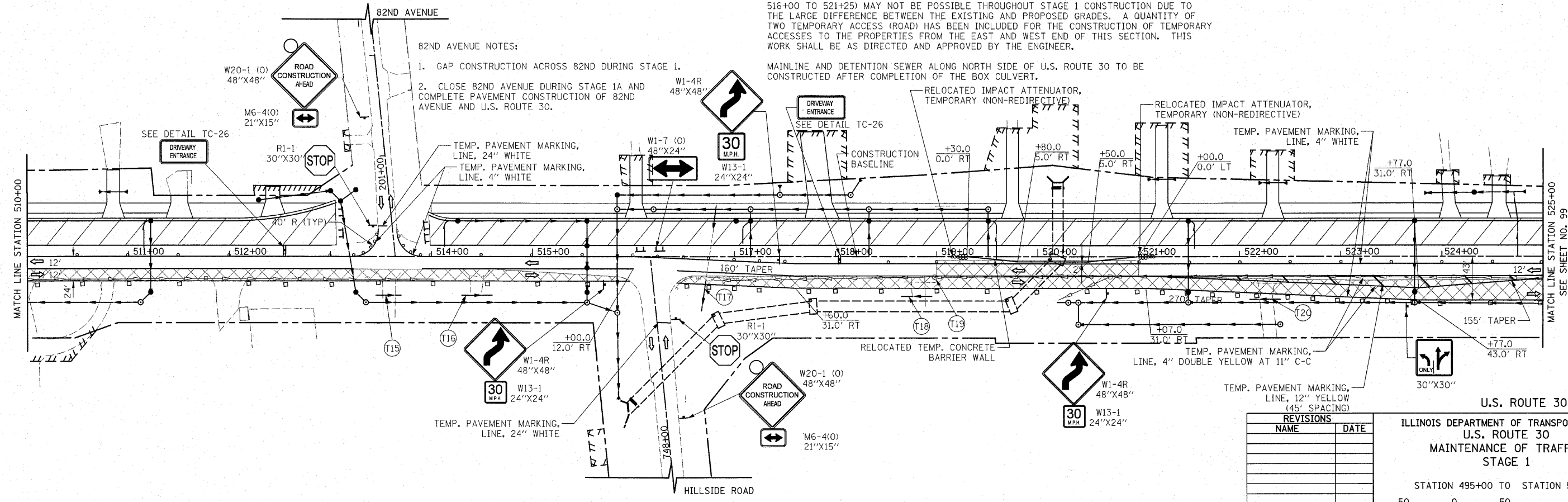
	TEMPORARY PAVEMENT		ARROW BOARD
	CONSTRUCTION WORK ZONE		TYPE I OR II BARRICADE
	DIRECTION OF TRAFFIC FLOW		VERTICAL PANEL WITH STEADY BURNING LIGHT
			TYPE III BARRICADE WITH FLASHING LIGHTS

U.S. ROUTE 30

NOTE:

DIRECT ACCESS TO THE PROPERTIES ALONG THE NORTH SIDE OF U.S. ROUTE 30 (STA. 516+00 TO 521+25) MAY NOT BE POSSIBLE THROUGHOUT STAGE 1 CONSTRUCTION DUE TO THE LARGE DIFFERENCE BETWEEN THE EXISTING AND PROPOSED GRADES. A QUANTITY OF TWO TEMPORARY ACCESS (ROAD) HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY ACCESS TO THE PROPERTIES FROM THE EAST AND WEST END OF THIS SECTION. THIS WORK SHALL BE AS DIRECTED AND APPROVED BY THE ENGINEER.

MAINLINE AND DETENTION SEWER ALONG NORTH SIDE OF U.S. ROUTE 30 TO BE CONSTRUCTED AFTER COMPLETION OF THE BOX CULVERT.



- 82ND AVENUE NOTES:**
- GAP CONSTRUCTION ACROSS 82ND DURING STAGE 1.
  - CLOSE 82ND AVENUE DURING STAGE 1A AND COMPLETE PAVEMENT CONSTRUCTION OF 82ND AVENUE AND U.S. ROUTE 30.

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
MAINTENANCE OF TRAFFIC  
STAGE 1

STATION 495+00 TO STATION 525+00

SCALE IN FEET  
50 0 50

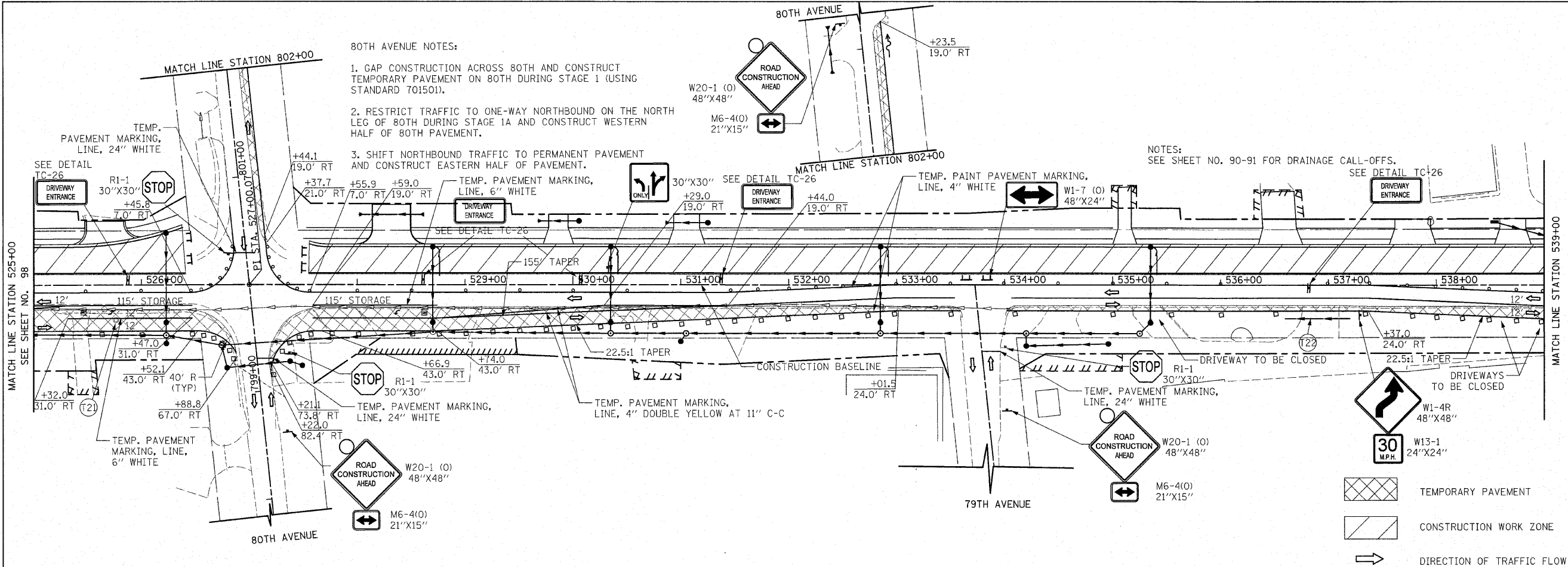
DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	99
STA. 525+00		TO STA. 554+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- 80TH AVENUE NOTES:**
- GAP CONSTRUCTION ACROSS 80TH AND CONSTRUCT TEMPORARY PAVEMENT ON 80TH DURING STAGE 1 (USING STANDARD 701501).
  - RESTRICT TRAFFIC TO ONE-WAY NORTHBOUND ON THE NORTH LEG OF 80TH DURING STAGE 1A AND CONSTRUCT WESTERN HALF OF 80TH PAVEMENT.
  - SHIFT NORTHBOUND TRAFFIC TO PERMANENT PAVEMENT AND CONSTRUCT EASTERN HALF OF PAVEMENT.

NOTES:  
SEE SHEET NO. 90-91 FOR DRAINAGE CALL-OFFS.



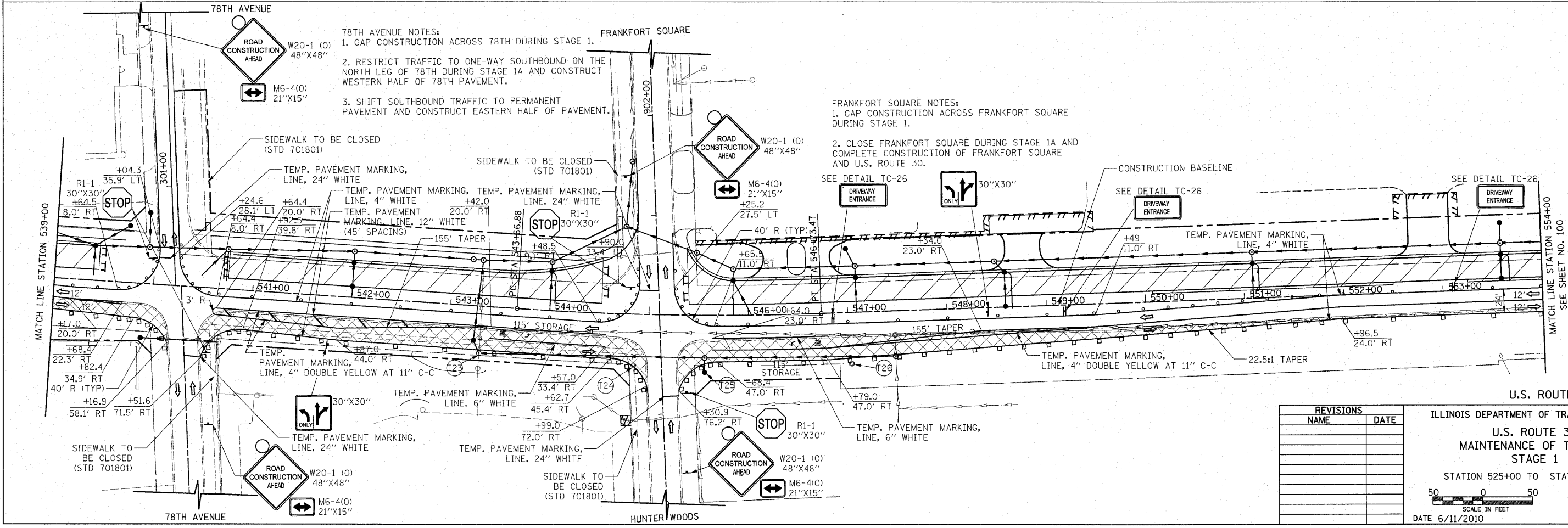
**LEGEND**

	ARROW BOARD
	TYPE I OR II BARRICADE
	VERTICAL PANEL WITH STEADY BURNING LIGHTS
	TYPE III BARRICADE WITH FLASHING LIGHT
	TEMPORARY PAVEMENT
	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC FLOW

**U.S. ROUTE 30**

- 78TH AVENUE NOTES:**
- GAP CONSTRUCTION ACROSS 78TH DURING STAGE 1.
  - RESTRICT TRAFFIC TO ONE-WAY SOUTHBOUND ON THE NORTH LEG OF 78TH DURING STAGE 1A AND CONSTRUCT WESTERN HALF OF 78TH PAVEMENT.
  - SHIFT SOUTHBOUND TRAFFIC TO PERMANENT PAVEMENT AND CONSTRUCT EASTERN HALF OF PAVEMENT.

- FRANKFORD SQUARE NOTES:**
- GAP CONSTRUCTION ACROSS FRANKFORD SQUARE DURING STAGE 1.
  - CLOSE FRANKFORD SQUARE DURING STAGE 1A AND COMPLETE CONSTRUCTION OF FRANKFORD SQUARE AND U.S. ROUTE 30.

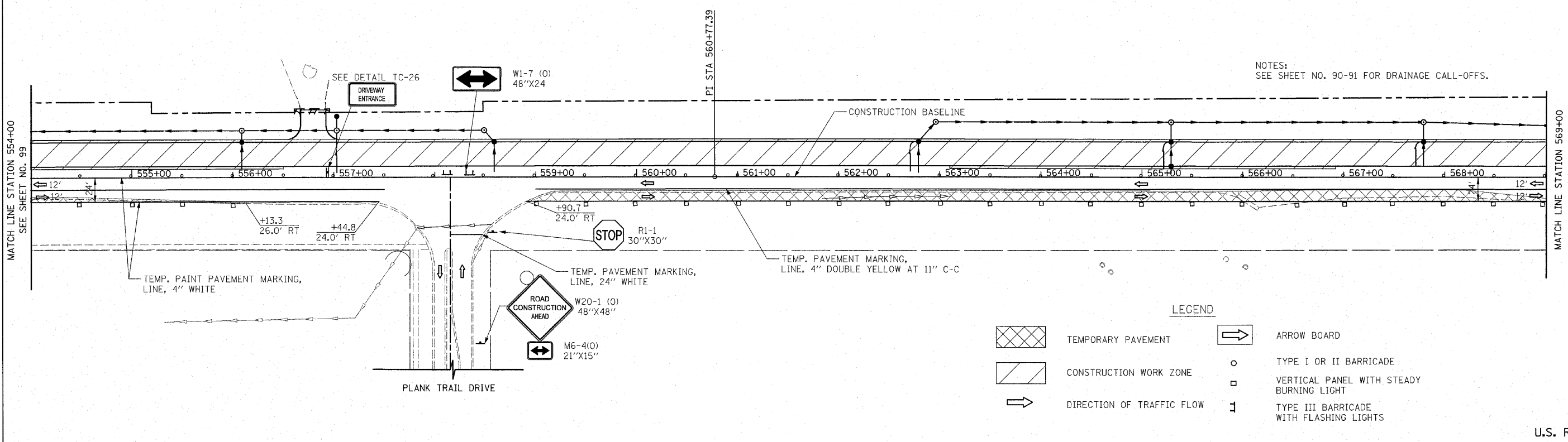
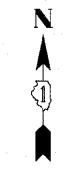


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**U.S. ROUTE 30**  
 MAINTENANCE OF TRAFFIC  
 STAGE 1  
 STATION 525+00 TO STATION 554+00

SCALE IN FEET  
 50 0 50  
 DATE 6/11/2010

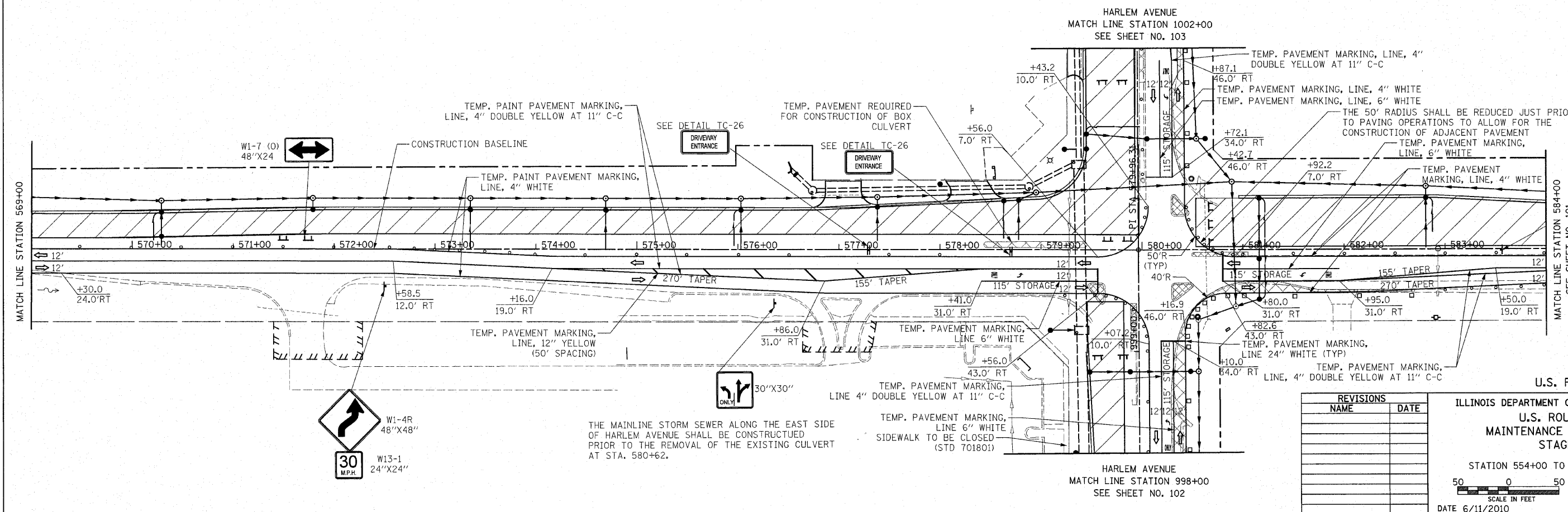
DRAWN BY DJK  
 CHECKED BY JRV



NOTES:  
SEE SHEET NO. 90-91 FOR DRAINAGE CALL-OFFS.

- LEGEND**
- TEMPORARY PAVEMENT
  - CONSTRUCTION WORK ZONE
  - DIRECTION OF TRAFFIC FLOW
  - ARROW BOARD
  - TYPE I OR II BARRICADE
  - VERTICAL PANEL WITH STEADY BURNING LIGHT
  - TYPE III BARRICADE WITH FLASHING LIGHTS

U.S. ROUTE 30



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
MAINTENANCE OF TRAFFIC  
STAGE 1

STATION 554+00 TO STATION 584+00

SCALE IN FEET  
50 0 50

DATE 6/11/2010

DRAWN BY DJK  
CHECKED BY JRV

THE MAINLINE STORM SEWER ALONG THE EAST SIDE OF HARLEM AVENUE SHALL BE CONSTRUCTED PRIOR TO THE REMOVAL OF THE EXISTING CULVERT AT STA. 580+62.

HARLEM AVENUE  
MATCH LINE STATION 998+00  
SEE SHEET NO. 102

U.S. ROUTE 30