

SUMMARY OF QUANTITIES

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
SUMMARY OF QUANTITIES			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE													
				J000-2A ROADWAY STA	J000-2A ROADWAY STU	Y003-TEA LANDSCAPING STU	Y003-TEA LANDSCAPING CITY NON-PART.	Y030-1E LIGHTING STU	Y030-1E LIGHTING CITY NON-PART.	Y031-1F SIGNALS DEAN STREET STU (1)	Y031-1F SIGNALS IL ROUTE 64 STU (2)	Y031-1F SIGNALS INTERCONNECT STU (3)	Y045-BTPW,TEA UNDERPASS STU	Y060 SANITARY CITY NON-PART.(1)	Y060 WATER MAIN CITY NON-PART.(2)		
* X0301828	ENGINEERED BARRIER	SQ YD	434	217	217												
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	8	7	1												
X0321558	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	11	6	5												
* X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	540	200	340												
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	700	700													
* X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7,600									7,600					
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,422										1,422				
X0632001	CLEAR PROTECTIVE COATING FOR CONCRETE	SQ FT	4,835										4,835				
X0712400	TEMPORARY PAVEMENT	SQ YD	4,000	3,000	1,000												
X0840000	SANITARY SEWER REMOVAL 8"	FOOT	543													543	
X3550215	BITUMINOUS BASE COURSE SUPERPAVE 5 3/4"	SQ YD	1,478	1,478													
X3550515	BITUMINOUS BASE COURSE SUPERPAVE 8 3/4"	SQ YD	8,989		8,989												
X3550615	BITUMINOUS BASE COURSE SUPERPAVE 9 3/4"	SQ YD	6,690	6,690													
X4066424	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N60	TON	474	474													
X4066548	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90	TON	5,529	3,214	2,315												
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N60	TON	200	200													
X4066618	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90	TON	2,123	905	1,218												
X4066770	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70	TON	601	318	283												
X4080020	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N60	TON	180	120	60												
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	20	10	10												
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	72	36	36												
* X7800500	POLYUREA PAVEMENT MARKING - LETTERS AND SYMBOLS, SPECIAL	SQ FT	1,807	1,286	521												
* X7800510	POLYUREA PAVEMENT MARKING SPECIAL - LINE 4"	FOOT	28,430	21,653	6,777												
* X7800530	POLYUREA PAVEMENT MARKING SPECIAL - LINE 6"	FOOT	7,720	5,678	2,042												
* X7800540	POLYUREA PAVEMENT MARKING SPECIAL - LINE 8"	FOOT	475	475													
* X7800550	POLYUREA PAVEMENT MARKING SPECIAL - LINE 12"	FOOT	1,883	1,828	55												
* X7800590	POLYUREA PAVEMENT MARKING SPECIAL - LINE 24"	FOOT	688	555	133												
* X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2							1	1						
* X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	7,962									7,962					
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1,798							832	966						
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,934							654	1,280						
* X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	12							2	10						
* X8801395	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2								2						
* X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	8							6	2						
* X8801415	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1								1						
* X8801437	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	6							2	4						
* X8801447	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2							2							
* X8810610	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	14							6	8						
* X8810630	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED	EACH	2							2							
* XX000739	CURB STOP & BOX 1 INCH	EACH	9														9
* XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1										1				
* XX002956	PARTIAL BUILDING REMOVAL AND RECONSTRUCTION	L SUM	1		1												
* XX003503	FLARED END SECTION REMOVAL	EACH	21		21												
* XX003553	VIDEO TRANSMISSION SYSTEM	EACH	1									1					
* XX003661	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	85									85					
* XX003685	IRRIGATION SYSTEM	L SUM	1					1									
* XX004558	RAILROAD FLAGMEN	UNIT	50,000		50,000												
XX004862	BITUMINOUS DRIVEWAY PAVEMENT, SUPERPAVE	SQ YD	2,988		2,988												
XX005076	CATCH BASINS, TYPE C, 2' DIAMETER	EACH	32		32												
XX005472	DRAINAGE STRUCTURE SPECIAL	EACH	1		1												
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	4,000		4,000												
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	60,342		60,342												
Z0002600	BAR SPLICERS	EACH	298										298				
* Z0007601	BUILDING REMOVAL NO. 1	L SUM	1		1												
* Z0007602	BUILDING REMOVAL NO. 2	L SUM	1		1												
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1												

Added
6-8-05

Revised 6-8-05
CODE NO. SEQUENT

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTALS
336	99-00243-00-PV	KANE	268
CONTRACT NO.			
83782			
SUMMARY OF QUANTITIES			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(0)			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE													
				J000-2A ROADWAY STA	J000-2A ROADWAY STU	Y003-TEA LANDSCAPING STU	Y003-TEA LANDSCAPING CITY NON-PART.	Y030-1E LIGHTING STU	Y030-1E LIGHTING CITY NON-PART.	Y031-1F SIGNALS DEAN STREET STU (1)	Y031-1F SIGNALS IL ROUTE 64 STU (2)	Y031-1F SIGNALS INTERCONNECT STU (3)	Y045-BTPW,TEA UNDERPASS STU	Y060 SANITARY CITY NON-PART (1)	Y060 WATER MAIN CITY NON-PART (2)		
Z0013825	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	1,000		1,000												
Z0019600	DUST CONTROL WATERING	UNIT	400		400												
Z0022800	FENCE REMOVAL	FOOT	50		50												
Z0030280	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4		4												
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	3		3												
Z0048685	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1												
* Z0056600	SANITARY SEWER, TYPE 2 8"	FOOT	394														394
* Z0060800	SANITARY SEWER, TYPE 3 6"	FOOT	164														164
* Z0060900	SANITARY SEWER, TYPE 3 8"	FOOT	204														204
Δ Z0076600	TRAINEES	HOUR	3,000		3,000												
	STABILIZED BICYCLE PATH	SQ YD	670		670												
XX006195	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	3,609		3,609												
* XX006255	BITUMINOUS SURFACE REMOVAL FOR RECESSED PAVEMENT MARKING, 0.025 INCH DEPTH	SQ FT	10,184		10,184												
* XX006256	CONCRETE SURFACE REMOVAL FOR RECESSED PAVEMENT MARKING, 0.025 INCH DEPTH	SQ FT	6,693		6,693												
* XX006256	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	727		727												
* XX006257	STEEL CASING PIPE 18"	FOOT	125														125
* XX006258	STEEL CASING PIPE 20"	FOOT	368														368
* XX006259	STEEL CASING PIPE AUGURED AND JACKED 18"	FOOT	60														60
* XX006260	STEEL CASING PIPE AUGURED AND JACKED 20"	FOOT	632														632
* XX006261	STEEL CASING PIPE AUGURED AND JACKED 24"	FOOT	250														250
* XX006262	STEEL CASING PIPE AUGURED AND JACKED 30"	FOOT	25														25
* XX006263	DUCTILE IRON RAW WATER DISTRIBUTION MAIN 6"	FOOT	10														10
* XX006264	DUCTILE IRON RAW WATER DISTRIBUTION MAIN 12"	FOOT	2,756														2,756
* XX006265	CURB STOP & BOX 1 1/2 INCHES	EACH	1														1
* XX006266	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM WITH FESTOON OUTLET	EACH	8					8									
* XX006267	UNDERPASS CONTROL INSTALLATION, SPECIAL	EACH	1														1
* XX006268	MAINTAIN EXISTING TRAFFIC SIGNAL INTERCONNECT	L SUM	1														1
* XX006269	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 16, 5 1/2 PAIR	FOOT	2,260							1,120	1,140						
* XX006270	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. WITH 15 FT. LIGHTING ARM AT 40 FT. MOUN HEIGHT	EACH	1														1
* XX006271	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. WITH 15 FT. LIGHTING ARM AT 40 FT. MOUN HEIGHT	EACH	1														1
* XX006272	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. WITH 15 FT. LIGHTING ARM AT 40 FT. MOUN HEIGHT	EACH	2														2
* XX006273	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. WITH DUAL 15 FT. LIGHTING ARM AT 45 FT. MOUNTING HEIGHT	EACH	1														1
* XX006274	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT. WITH DUAL 15 FT. LIGHTING ARM AT 45 FT. MOUNTING HEIGHT	EACH	1														1
* XX006275	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. WITH DUAL 15 FT. LIGHTING ARM AT 45 FT. MOUNTING HEIGHT	EACH	2														2
* XX006276	VIDEO DETECTION SYSTEM (COMPLETE INTERSECTION)	EACH	2														2
* XX006277	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1														1
* XX006278	STORM SEWERS, CLASS A, PRESSURE PIPE, TYPE 3 60"	FOOT	418		418												
* XX006279	TEMPORARY SEDIMENT TRAP	EACH	1		1												
* XX006280	STORM SEWERS, PVC, TYPE 1 6"	FOOT	20		20												
* XX006281	STORM SEWERS, PVC, TYPE 1 8"	FOOT	35		35												
* XX006282	PERIMETER EROSION BARRIER WITH WIRE SUPPORT	FOOT	367		367												
* XX006283	STORM SEWERS, DUCTILE IRON, TYPE 1 10"	FOOT	9		9												
* XX006284	STORM SEWERS, DUCTILE IRON, TYPE 1 12"	FOOT	170		170												
* XX006285	STORM SEWERS, DUCTILE IRON, TYPE 2 12"	FOOT	168		168												
* XX006286	STORM SEWERS, DUCTILE IRON, TYPE 2 18"	FOOT	122		122												
* XX006287	PERIMETER EROSION BARRIER (SPECIAL)	FOOT	2,395		2,395												
* XX006288	SPLIT FLOW JUNCTION STRUCTURE	EACH	1		1												
* XX006289	PERFORATED RISER	L SUM	1		1												
* XX006290	DRAINAGE STRUCTURES, TYPE 3 (MODIFIED)	EACH	1		1												
* XX006291	FRAMES AND GRATES, SPECIAL (SPL1)	EACH	3		3												
* XX006292	MANHOLES, TYPE A, 7-DIAMETER	EACH	14		14												
* XX006293	FRAMES AND GRATES, SPECIAL	EACH	2		2												
* XX006294	FRAXINUS AMERICANA 'AUTUMN APPLAUSE' (AUTUMN APPLAUSE WHITE ASH)	EACH	6														6
* XX006295	GINKGO BILOBA 'AUTUMN GOLD' (AUTUMN GOLD MAIDENHAIR TREE)	EACH	1														1
* XX006296	QUERCUS BICOLOR (SWAMP WHITE OAK)	EACH	4														4
* XX006297	QUERCUS ROBUR (ENGLISH OAK)	EACH	4														4

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* SPECIALTY ITEM

SUMMARY OF QUANTITIES

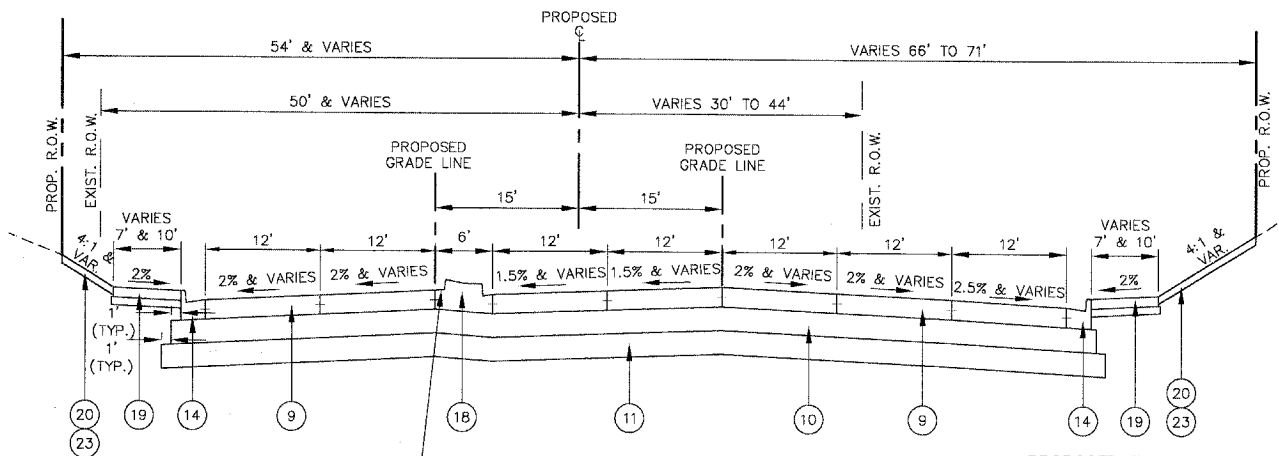
F.A.P. COUNTY SECTION	COUNTY	TOTAL SHTS.
ROUTE 99-00243-00-PV	KANE	268
CONTRACT NO. 83782		
SUMMARY OF QUANTITIES		
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336		

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				J000-2A ROADWAY STA	J000-2A ROADWAY STU	Y003-TEA LANDSCAPING STU	Y003-TEA LANDSCAPING CITY NON-PART.	Y030-1E LIGHTING STU	Y030-1E LIGHTING CITY NON-PART.	Y031-1F SIGNALS DEAN STREET STU (1)	Y031-1F SIGNALS IL ROUTE 64 STU (2)	Y031-1F SIGNALS INTERCONNECT STU (3)	Y045-BTPW,TEA UNDERPASS STU	Y060 SANITARY CITY NON-PART (1)	Y060 WATER MAIN CITY NON-PART (2)		
* X1006296	QUERCUS RUBRA (RED OAK)	EACH	10					10									
* X1006297	ULMUS X 'MORTON GLOSSY' (TRIUMPH ELM)	EACH	6					6									
* X1006298	ULMUS X 'MORTON STALWART' (COMMENDATION ELM)	EACH	4					4									
* X1006299	ARONIA MELANOCARPA 'MORTON' (IROQUOIS BEAUTY BLACK CHOKEBERRY)	EACH	106					106									
* X1006300	BERBERIS THUNBERGII 'BAILONE' (RUBY CAROUSEL BARBERRY)	EACH	229					229									
* X1006301	KERRIA JAPONICA (JAPANESE KERRIA)	EACH	98					98									
* X1006302	NEPETA X 'PAASSENII' WALKERS LOW' (WALKERS LOW CATMINT)	EACH	61					61									
* X1006303	ROSA RUGOSA 'FOXI PAVEMENT' (PINK PAVEMENT ROSE)	EACH	28					28									
* X1006304	ROSA RUGOSA 'SCARLET PAVEMENT' (RED PAVEMENT ROSE)	EACH	26					26									
* X1006305	ROSA RUGOSA 'SNOW PAVEMENT' (WHITE PAVEMENT ROSE)	EACH	28					28									
* X1006306	SPIREA X 'BUMALDA' 'MAGIC CARPET' (MAGIC CARPET SPIREA)	EACH	161					161									
* X1006307	BOUTELLOUA CURTIPENDULA (SIDE OATS GRAMMA)	EACH	279					279									
* X1006308	CAREX MUSKINGUMENSIS (PALM SEDGE), 1 GAL GRASS ES	EACH	58					58									
* X1006309	CAREX MUSKINGUMENSIS 'OEHME' (VARIEGATED PALM SEDGE)	EACH	34					34									
* X1006310	MISCANTHUS SINENSIS 'GRAZIELLA' (JAPANESE SILVER GRASS)	EACH	18					18									
* X1006311	MISCANTHUS SINENSIS 'STRICTUS' (PORCUPINE GRASS)	EACH	70					70									
* X1006312	MOLINIA ARUNDINACEA 'TRANSPARENT' (TALL MOOR GRASS)	EACH	39					39									
* X1006313	MOLINIA CAERULEA 'MOORHEXE' (PURPLE MOOR GRASS)	EACH	77					77									
* X1006314	PANICUM VIRGATUM 'HEAVY METAL' (BLUE SWITCH GRASS)	EACH	97					97									
* X1006315	SCHIZACHYRIUM SCOPARIUM (LITTLE BLUESTEM)	EACH	80					80									
* X1006316	SESLARIA AUTUMNALIS (AUTUMN MOOR GRASS)	EACH	112					112									
* X1006317	SORGHASTRUM NUTANS (INDIAN GRASS)	EACH	29					29									
* X1006318	SPOROBULUS HETEROLEPIS (PRAIRIE DROPSEED)	EACH	291					291									
* X1006319	ALLIUM SCHCENOPRASUM 'FORESCATE' (ORNAMENTAL ONION)	EACH	71					71									
* X1006320	ALLIUM TANGUTICUM 'SUMMER BEAUTY' (GLOBE LILY)	EACH	83					83									
* X1006321	ASCLEPIAS TUBEROSA, 1 GAL	EACH	61					61									
* X1006322	ECHINACEA PALLIDA (PURPLE CONEFLOWER)	EACH	114					114									
* X1006323	HEMEROCALLIS 'CHICAGO APACHE' (CHICAGO APACHE DAYLILY)	EACH	117					117									
* X1006324	HEMEROCALLIS 'HAPPY RETURNS', 1 GAL	EACH	729					729									
* X1006325	RUDBECKIA HIRTA (BLACK-EYED SUSAN)	EACH	114					114									
* X1006326	SEDUM 'AUTUMN JOY' (AUTUMN JOY SEDUM) 1 GAL	EACH	68					68									
* X1006327	SOLIDAGO NEMORALIS (GOLDENROD)	EACH	131					131									
* X1006328	NARCISSUS SPP. (MIXED DAFFODILS)	EACH	3,760					3,760									
* X1006329	PLANTING SOIL AMENDMENT	SQ YD	1,495					1,495									
* X1006330	PVC SCHEDULE 40 PIPE 2"	FOOT	120					120									
* X1006331	TYPE K COPPER PIPE 2"	FOOT	70					70									
* X1006332	WATER METER 2"	EACH	2					2									
* X1006333	WATER VALVES 2"	EACH	2					2									
* S0104608	RPZ BACKFLOW PREVENTER 2"	EACH	2					2									
* X1006334	RPZ ENCLOSURE 2"	EACH	2					2									

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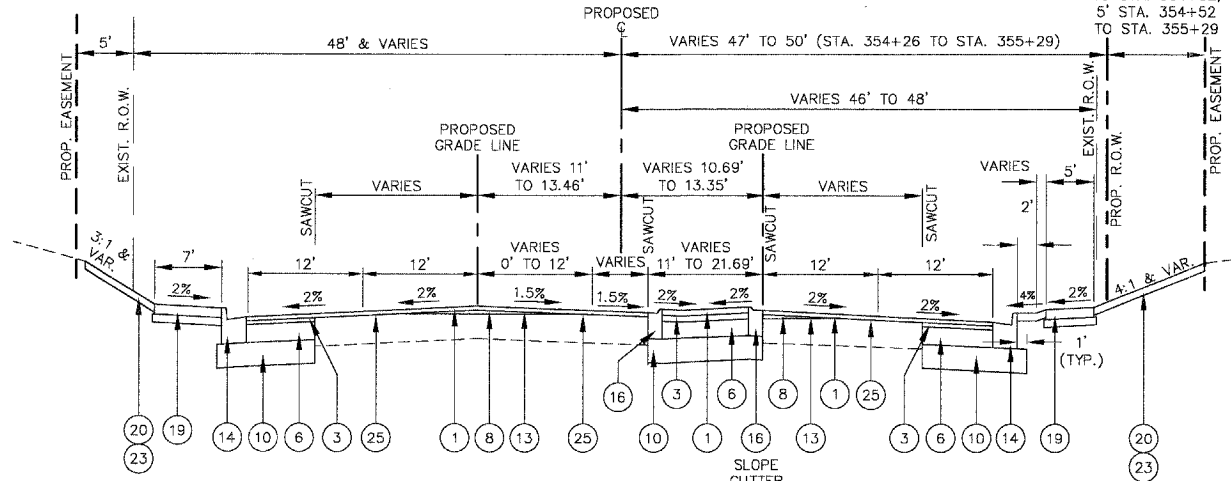
F.A.P. COUNTY SECTION	COUNTY	TOTAL
ROUTE 99-00243-00-PV	KANE	SHTS.
336 CONTRACT NO.		268
83782		
PROPOSED TYPICAL SECTIONS		
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336		



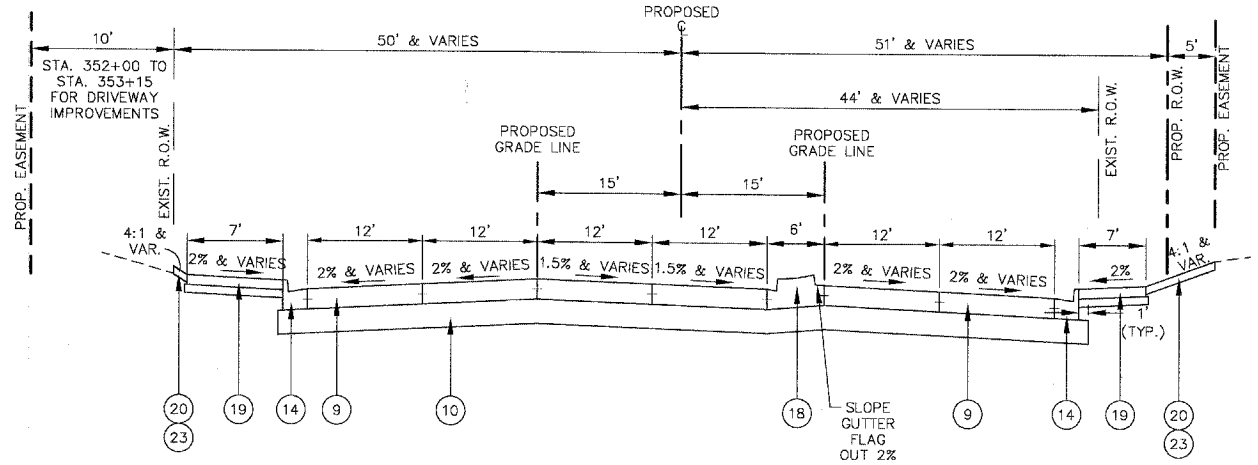
PROPOSED TYPICAL SECTION
 RANDALL ROAD / IL. RTE. 64 INTERSECTION
 STA. 349+07 TO STA. 350+95

- 12 HIGH-EARLY-STRENGTH PCC PAVEMENT, 10" (JOINTED)
SEE SHEET NO. 109 FOR PAVEMENT JOINTS AND ELEVATIONS.
- 10 AGGREGATE SUBGRADE, 12"
- 11 POROUS GRANULAR EMBANKMENT, SPECIAL 12" WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

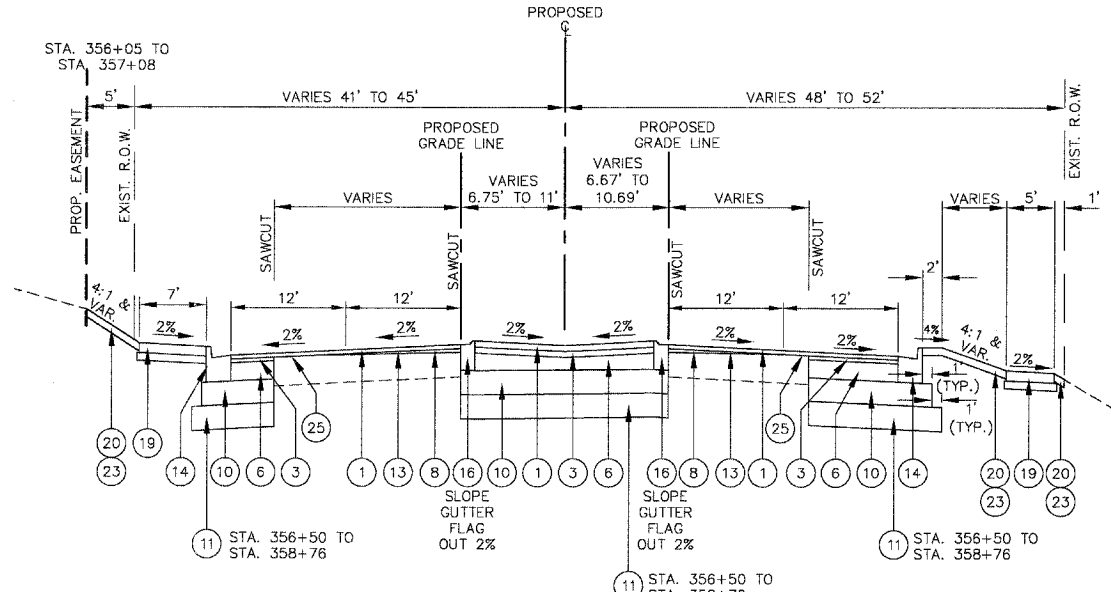
PROPOSED TYPICAL SECTION
 IL. RTE. 64
 STA. 347+46 TO STA. 349+07



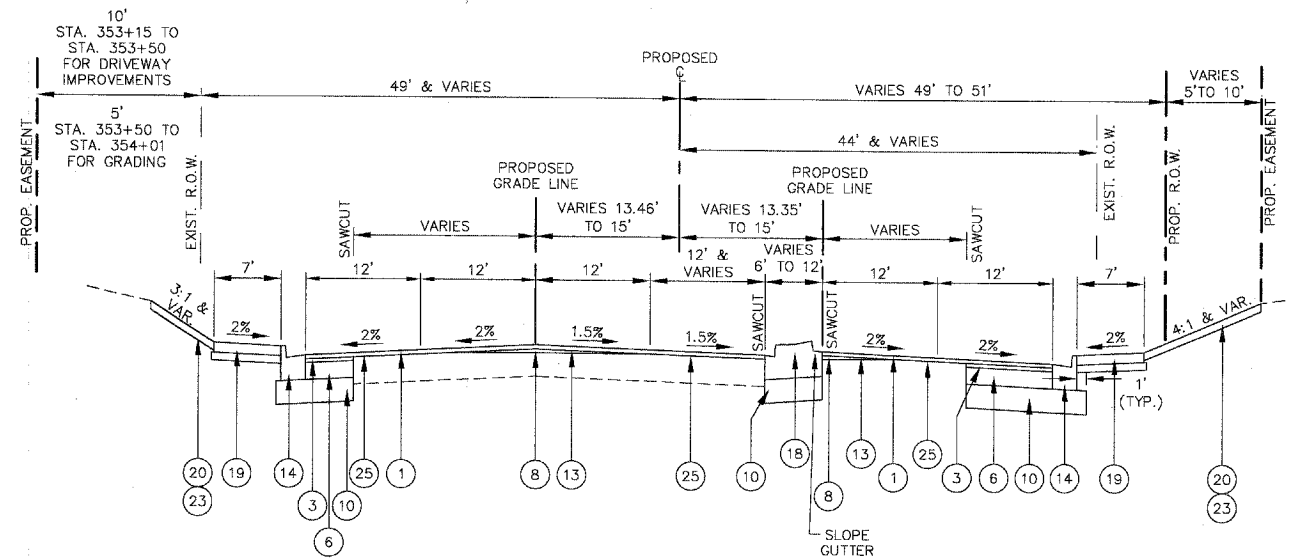
PROPOSED TYPICAL SECTION
 IL. RTE. 64
 STA. 354+01 TO STA. 356+05



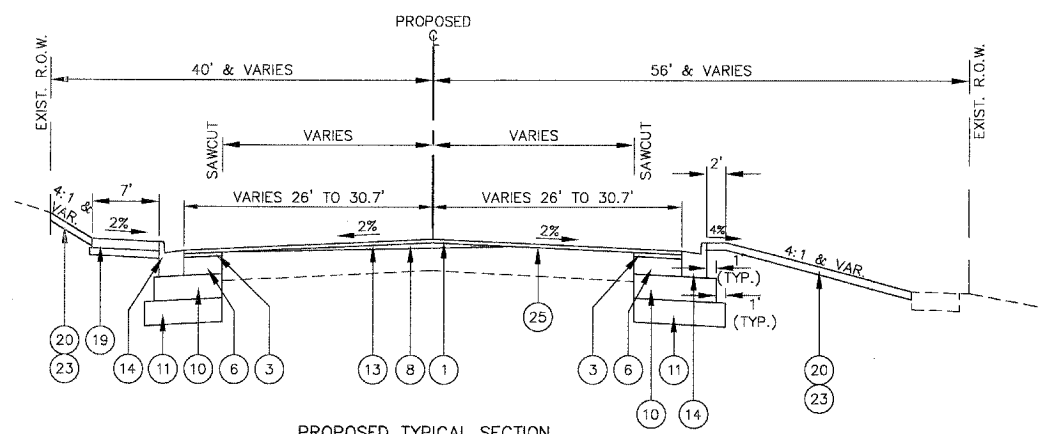
PROPOSED TYPICAL SECTION
 IL. RTE. 64
 STA. 350+95 TO STA. 353+15



PROPOSED TYPICAL SECTION
 IL. RTE. 64
 STA. 356+05 TO STA. 358+76



PROPOSED TYPICAL SECTION
 IL. RTE. 64
 STA. 353+15 TO STA. 354+01



PROPOSED TYPICAL SECTION
 IL. RTE. 64
 STA. 358+76 TO STA. 361+18

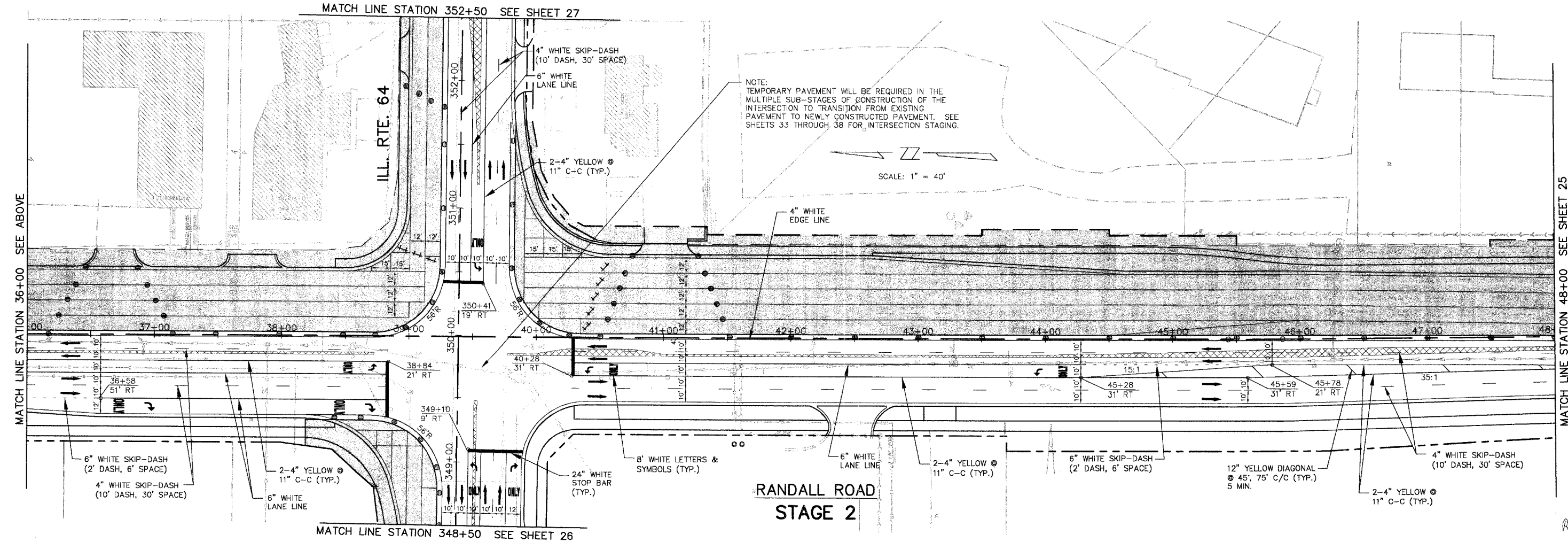
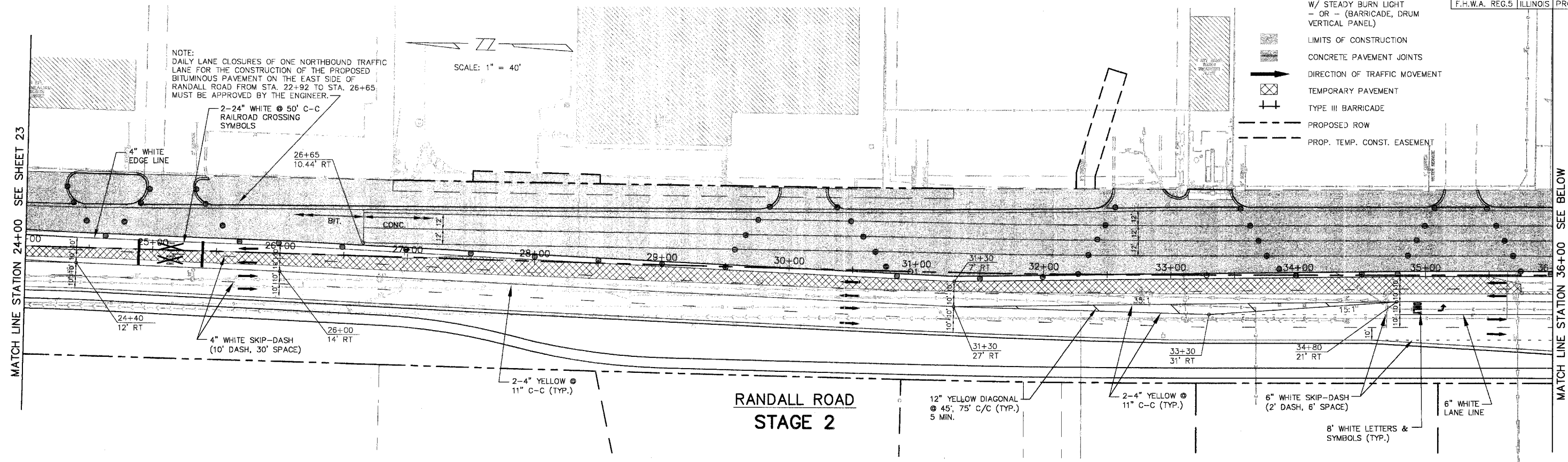
NOTE: STA. 361+18 TO STA. 364+25
 GRIND 2" 25
 OVERLAY 1

- PROPOSED TYPICAL SECTION ITEMS**
- 1 POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90, 2"
 - 2 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"
 - 3 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90, 2 1/4"
 - 4 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50, 2 1/4"
 - 5 BITUMINOUS BASE COURSE, SUPERPAVE, 9 3/4"
 - 6 BITUMINOUS BASE COURSE, SUPERPAVE, 8 3/4"
 - 7 BITUMINOUS BASE COURSE, SUPERPAVE, 5 3/4"
 - 8 LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70
 - 9 PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED) JOINTS @ 15' C/C SEE STANDARDS FOR TIE BARS AND DOWEL BARS
 - 10 AGGREGATE SUBGRADE, 12"
 - 11 POROUS GRANULAR EMBANKMENT, SPECIAL 12" WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - 12 HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
 - 13 AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
 - 14 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - 15 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - 16 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
 - 17 PORTLAND CEMENT CONCRETE CORRUGATED MEDIAN
 - 18 CONCRETE MEDIAN, TYPE SB-6.12
 - 19 PORTLAND CEMENT CONCRETE SIDEWALK, 5" WITH AGGREGATE BASE COURSE, TYPE B, 4"
 - 20 TOPSOIL FURNISH AND PLACE, 4"
 - 21 TOPSOIL FURNISH AND PLACE, 24" (LANDSCAPED MEDIAN, SEE LANDSCAPING PLANS FOR GRADING)
 - 22 SEEDING CLASS 2A
 - 23 SODDING, SALT TOLERANT
 - 24 STEEL PLATE BEAM GUARD RAIL, TYPE A & GUARDRAIL STABILIZATION BITUMINOUS SHOULDERS SUPERPAVE 6"
 - 25 BITUMINOUS SURFACE REMOVAL
 - 26 STABILIZED BIKE PATH BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 3"; AGGREGATE BASE COURSE, TYPE B, 6"; AGGREGATE SHOULDERS, TYPE B, 6"
 - 27 PIPE UNDERDRAIN, 4"

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782			
STAGE 2 RANDALL ROAD			
F.H.W.A. REG. 5 ILLINOIS PROJECT F-0336(C)			

LEGEND

- TRAFFIC CONTROL DEVICE W/ STEADY BURN LIGHT - OR - (BARRICADE, DRUM VERTICAL PANEL)
- ▨ LIMITS OF CONSTRUCTION
- ▨ CONCRETE PAVEMENT JOINTS
- ➔ DIRECTION OF TRAFFIC MOVEMENT
- ▨ TEMPORARY PAVEMENT
- ⊥ TYPE III BARRICADE
- - - PROPOSED ROW
- - - PROP. TEMP. CONST. EASEMENT



MATCH LINE STATION 36+00 SEE BELOW

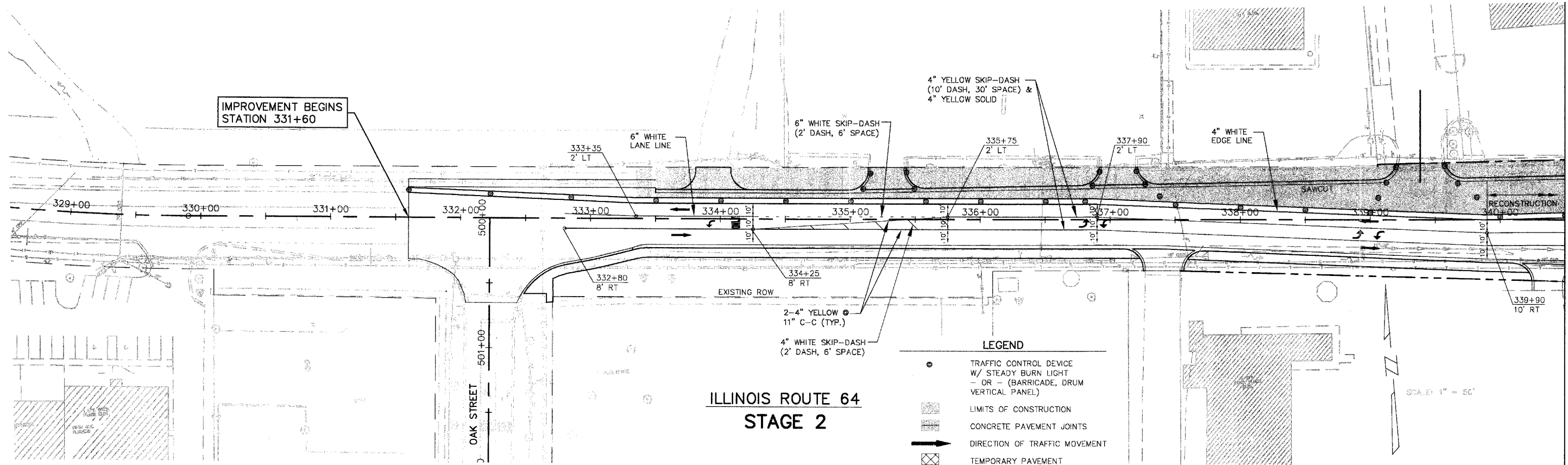
MATCH LINE STATION 24+00 SEE SHEET 23

MATCH LINE STATION 36+00 SEE ABOVE

MATCH LINE STATION 48+00 SEE SHEET 25

Revised 6-8-05

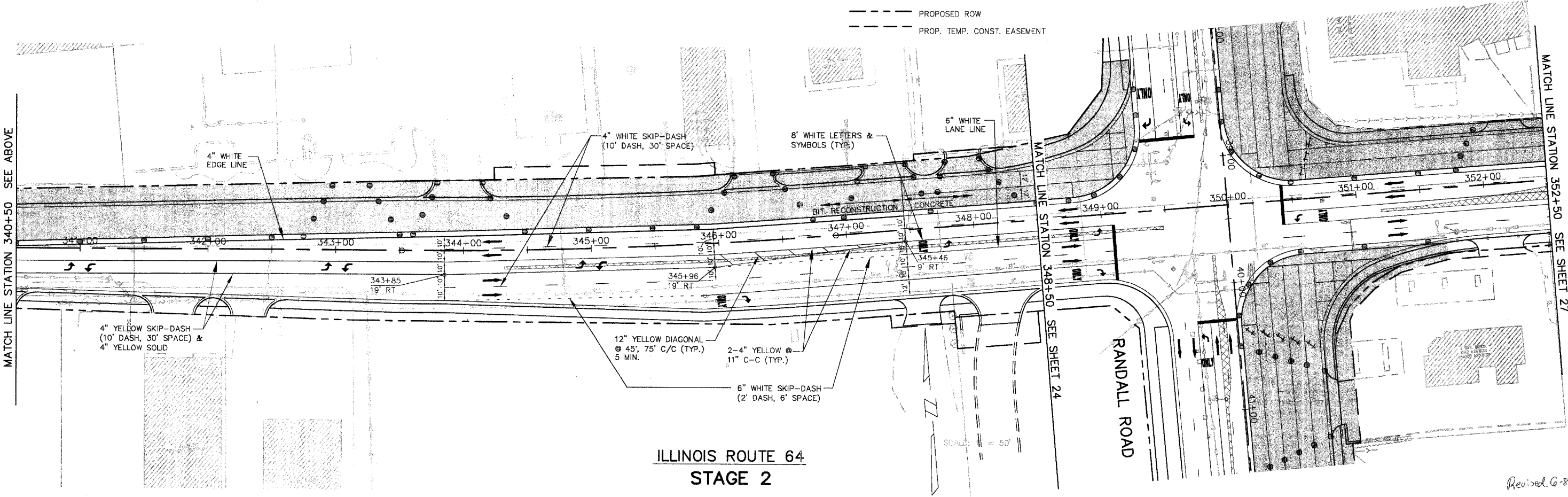
F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
99-00243-00-PV	336	KANE	268
CONTRACT NO. 83782		STAGE 2 RANDALL ROAD	
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			



IMPROVEMENT BEGINS
STATION 331+60

**ILLINOIS ROUTE 64
STAGE 2**

- LEGEND**
- TRAFFIC CONTROL DEVICE W/ STEADY BURN LIGHT - OR - (BARRICADE, DRUM VERTICAL PANEL)
 - ▨ LIMITS OF CONSTRUCTION
 - ▨ CONCRETE PAVEMENT JOINTS
 - ➔ DIRECTION OF TRAFFIC MOVEMENT
 - ⊠ TEMPORARY PAVEMENT
 - ⊠ TYPE III BARRICADE
 - - - PROPOSED ROW
 - - - PROP. TEMP. CONST. EASEMENT



**ILLINOIS ROUTE 64
STAGE 2**

MATCH LINE STATION 340+50 SEE BELOW

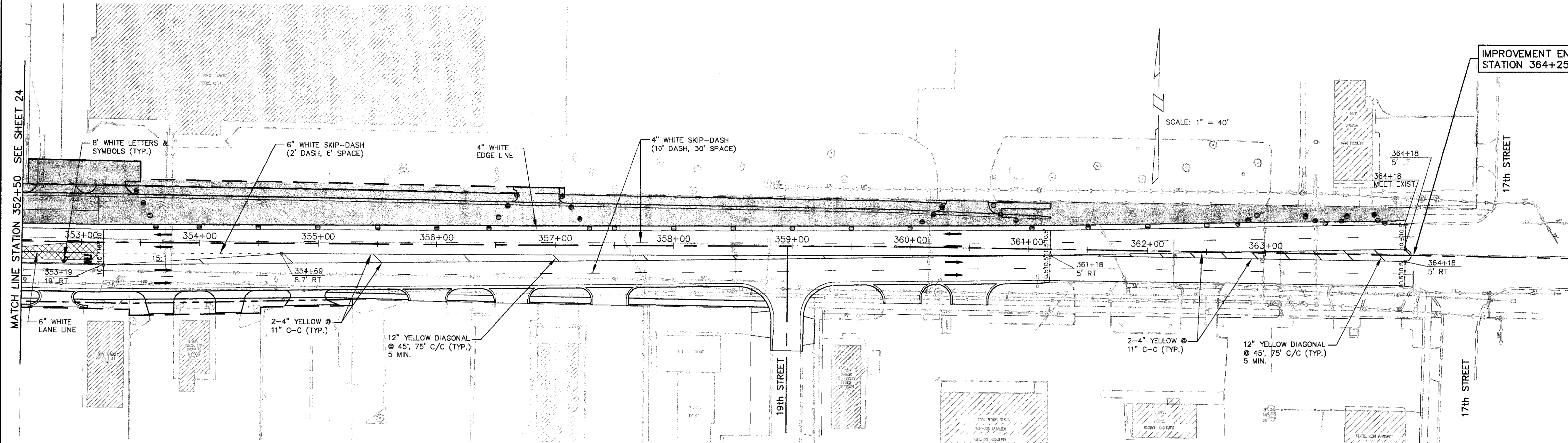
MATCH LINE STATION 340+50 SEE ABOVE

MATCH LINE STATION 348+50 SEE SHEET 24

MATCH LINE STATION 352+50 SEE SHEET 27

Revised 6-8-05

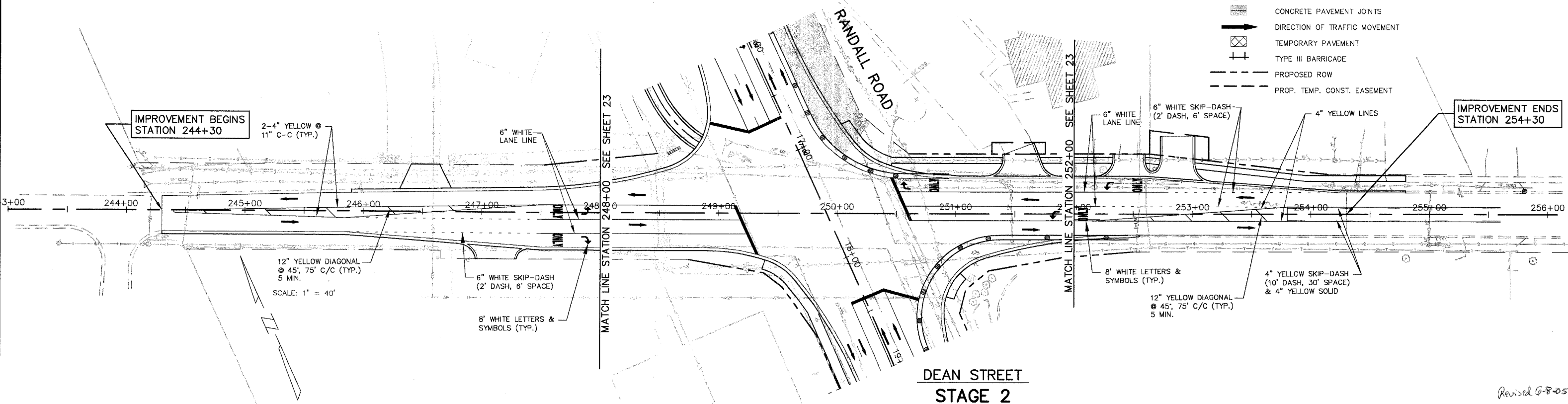
F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	199-00243-00-PV	KANE	268
CONTRACT NO. 83782			
STAGE 2 ILLINOIS ROUTE 64 / DEAN STREET			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(C)			



**ILLINOIS ROUTE 64
 STAGE 2**

LEGEND

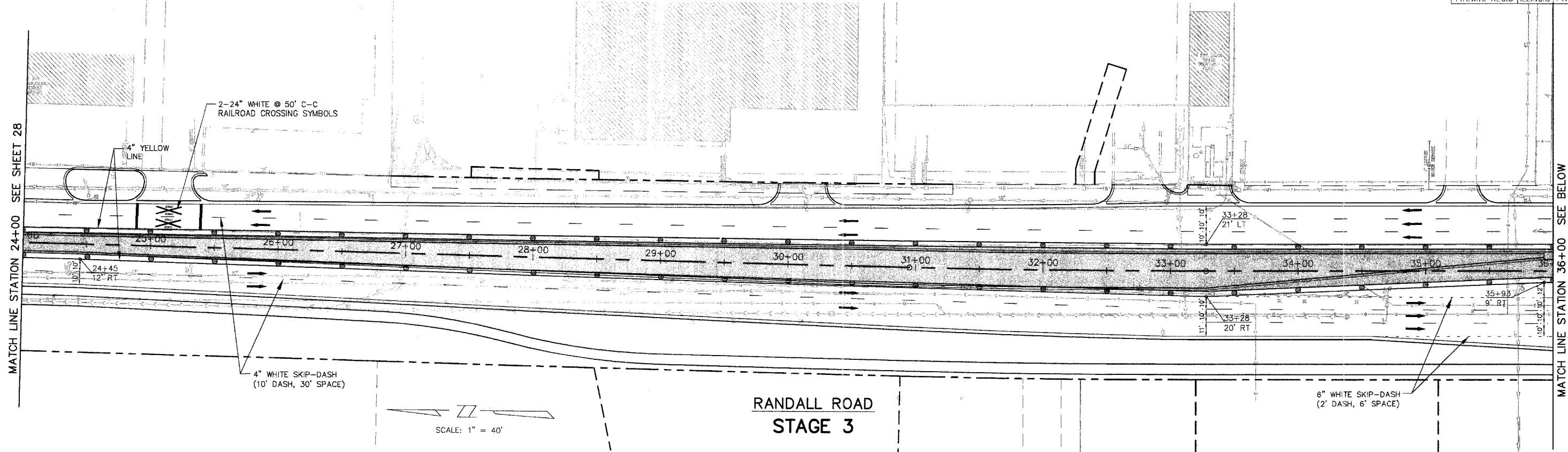
- TRAFFIC CONTROL DEVICE W/ STEADY BURN LIGHT
- OR - (BARRICADE, DRUM VERTICAL PANEL)
- ▨ LIMITS OF CONSTRUCTION
- ▩ CONCRETE PAVEMENT JOINTS
- ➔ DIRECTION OF TRAFFIC MOVEMENT
- ⊠ TEMPORARY PAVEMENT
- ⊥ TYPE III BARRICADE
- - - PROPOSED ROW
- - - PROP. TEMP. CONST. EASEMENT



**DEAN STREET
 STAGE 2**

Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782			
STAGE 3 RANDALL ROAD			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(C)			

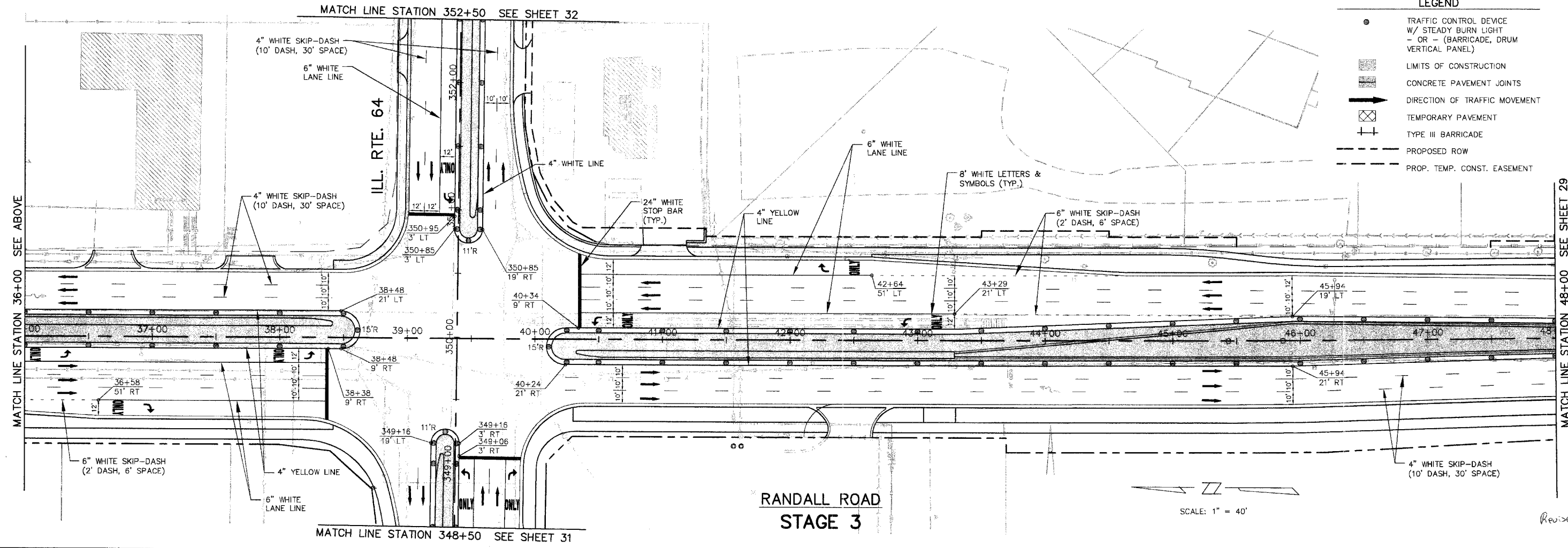


**RANDALL ROAD
STAGE 3**

SCALE: 1" = 40'

LEGEND

- TRAFFIC CONTROL DEVICE W/ STEADY BURN LIGHT - OR - (BARRICADE, DRUM VERTICAL PANEL)
- ▨ LIMITS OF CONSTRUCTION
- ▨ CONCRETE PAVEMENT JOINTS
- ➔ DIRECTION OF TRAFFIC MOVEMENT
- ⊠ TEMPORARY PAVEMENT
- ⊕ TYPE III BARRICADE
- PROPOSED ROW
- - - PROP. TEMP. CONST. EASEMENT



**RANDALL ROAD
STAGE 3**

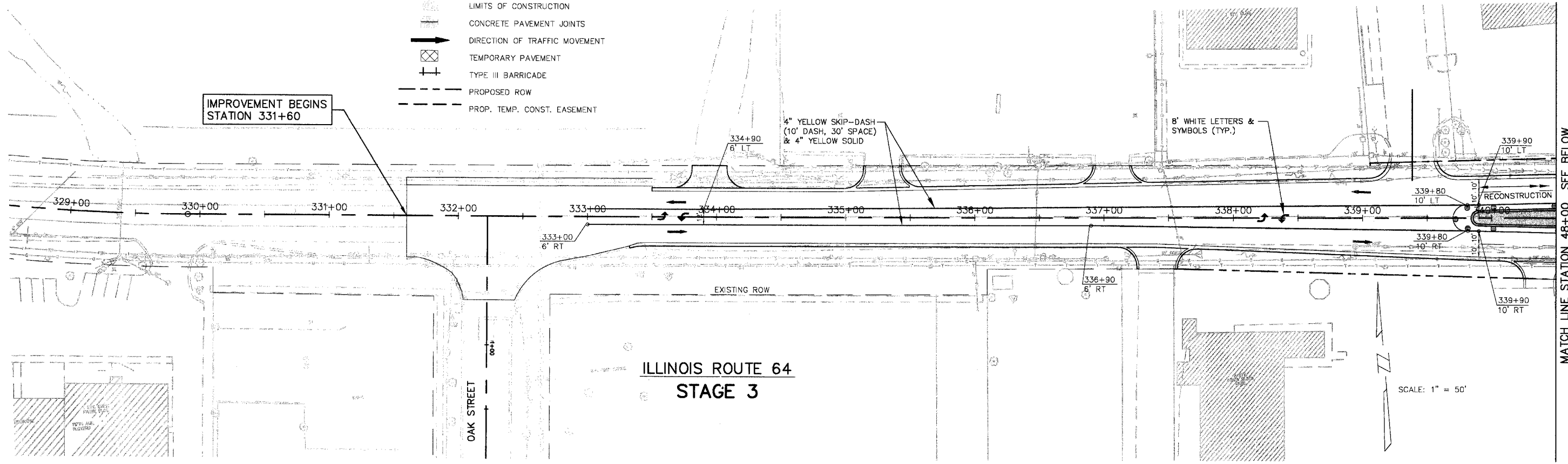
SCALE: 1" = 40'

Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782		STAGE 3 ILLINOIS ROUTE 64	
F.H.W.A. REG.5 ILLINOIS		PROJECT F-0338	

LEGEND

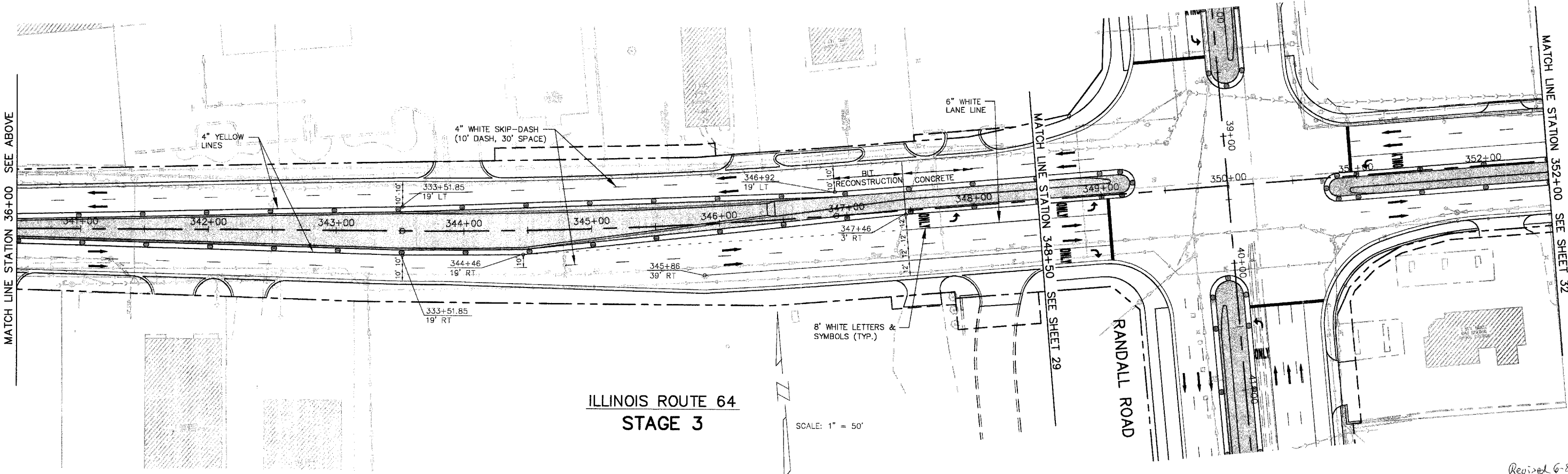
- TRAFFIC CONTROL DEVICE W/ STEADY BURN LIGHT - OR - (BARRICADE, DRUM VERTICAL PANEL)
- ▭ LIMITS OF CONSTRUCTION
- ▭ CONCRETE PAVEMENT JOINTS
- ➔ DIRECTION OF TRAFFIC MOVEMENT
- ▭ TEMPORARY PAVEMENT
- ⊥ TYPE III BARRICADE
- - - PROPOSED ROW
- - - PROP. TEMP. CONST. EASEMENT



**ILLINOIS ROUTE 64
 STAGE 3**

SCALE: 1" = 50'

MATCH LINE STATION 48+00 SEE BELOW



**ILLINOIS ROUTE 64
 STAGE 3**

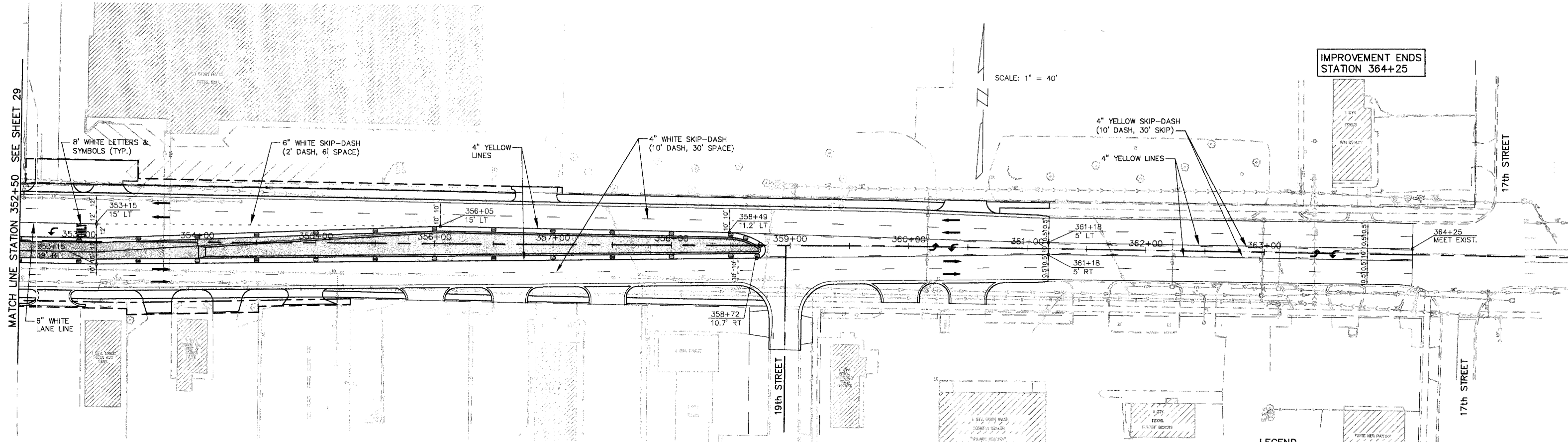
SCALE: 1" = 50'

MATCH LINE STATION 36+00 SEE ABOVE

MATCH LINE STATION 352+00 SEE SHEET 32

Revised 6-8-05

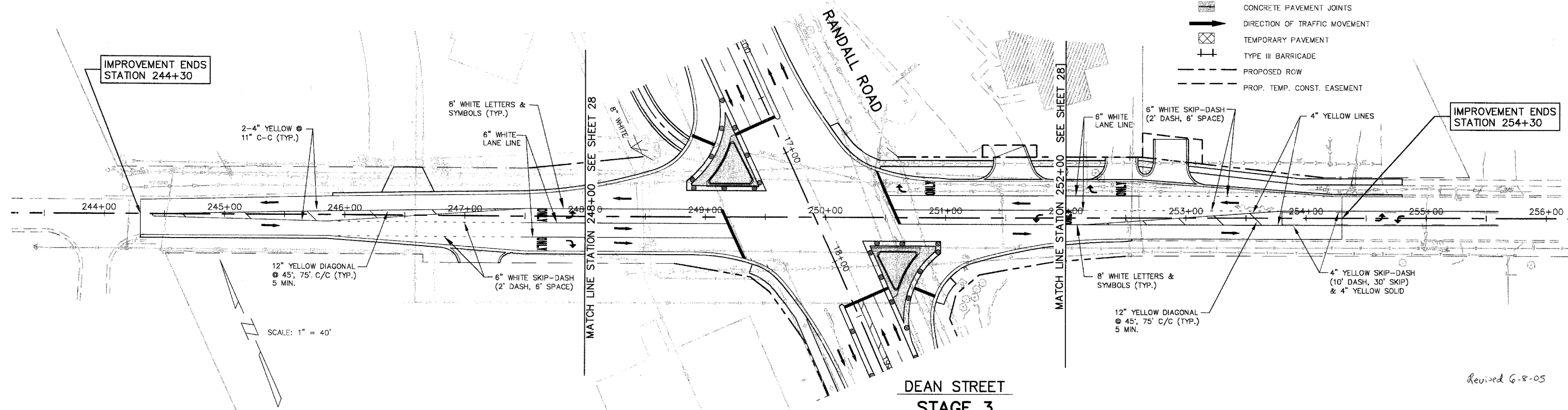
F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-2V	KANE	268
CONTRACT NO.		83782	
STAGE 3 ILLINOIS ROUTE 64 & DEAN STREET			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(C)			



**ILLINOIS ROUTE 64
 STAGE 3**

LEGEND

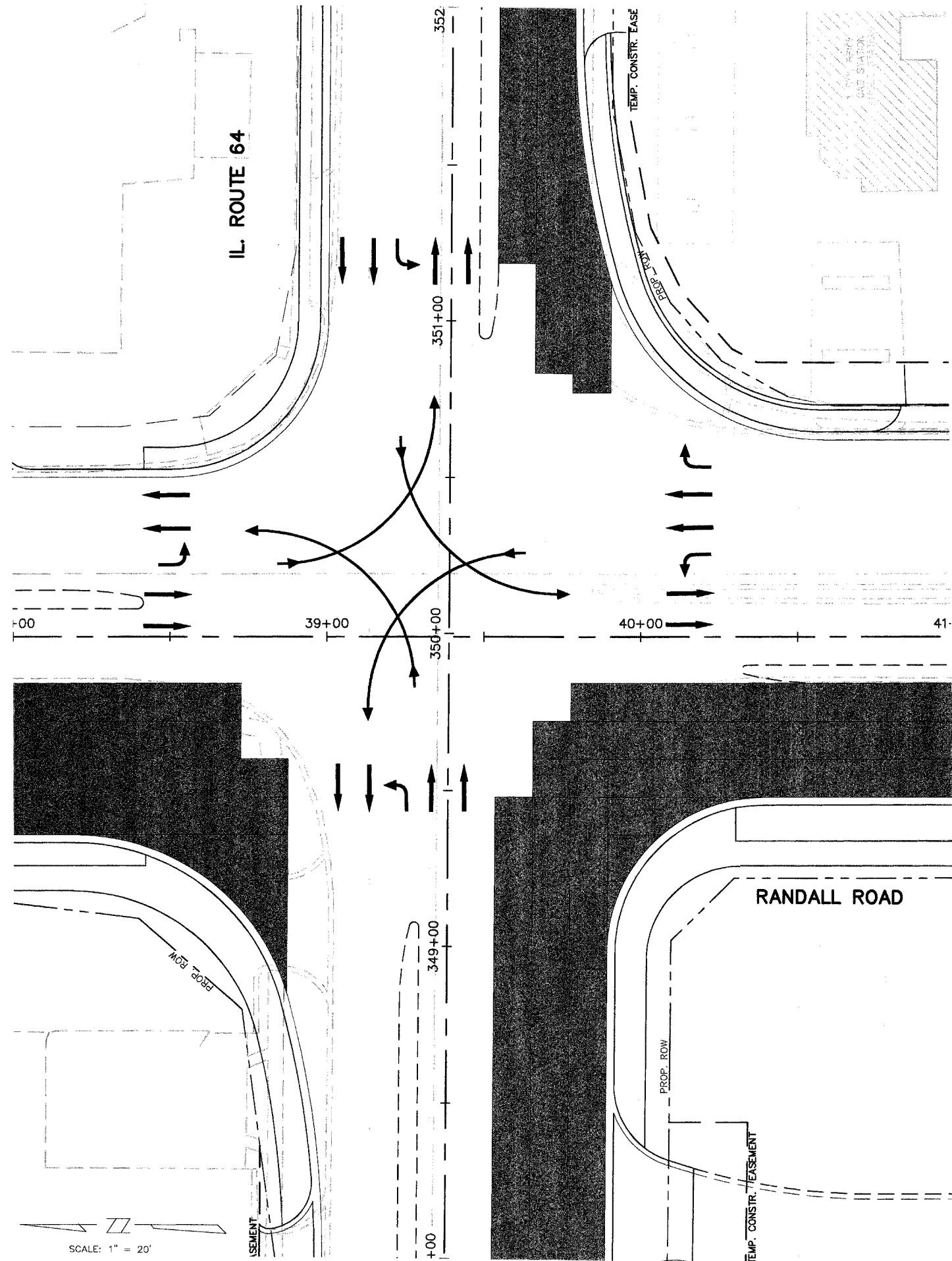
- TRAFFIC CONTROL DEVICE W/ STEADY BURN LIGHT
- - - (BARRICADE, DRUM VERTICAL PANEL)
- ▨ LIMITS OF CONSTRUCTION
- ▨ CONCRETE PAVEMENT JOINTS
- ➔ DIRECTION OF TRAFFIC MOVEMENT
- ▨ TEMPORARY PAVEMENT
- ⊥ TYPE III BARRICADE
- - - PROPOSED ROW
- - - PROP. TEMP. CONST. EASEMENT



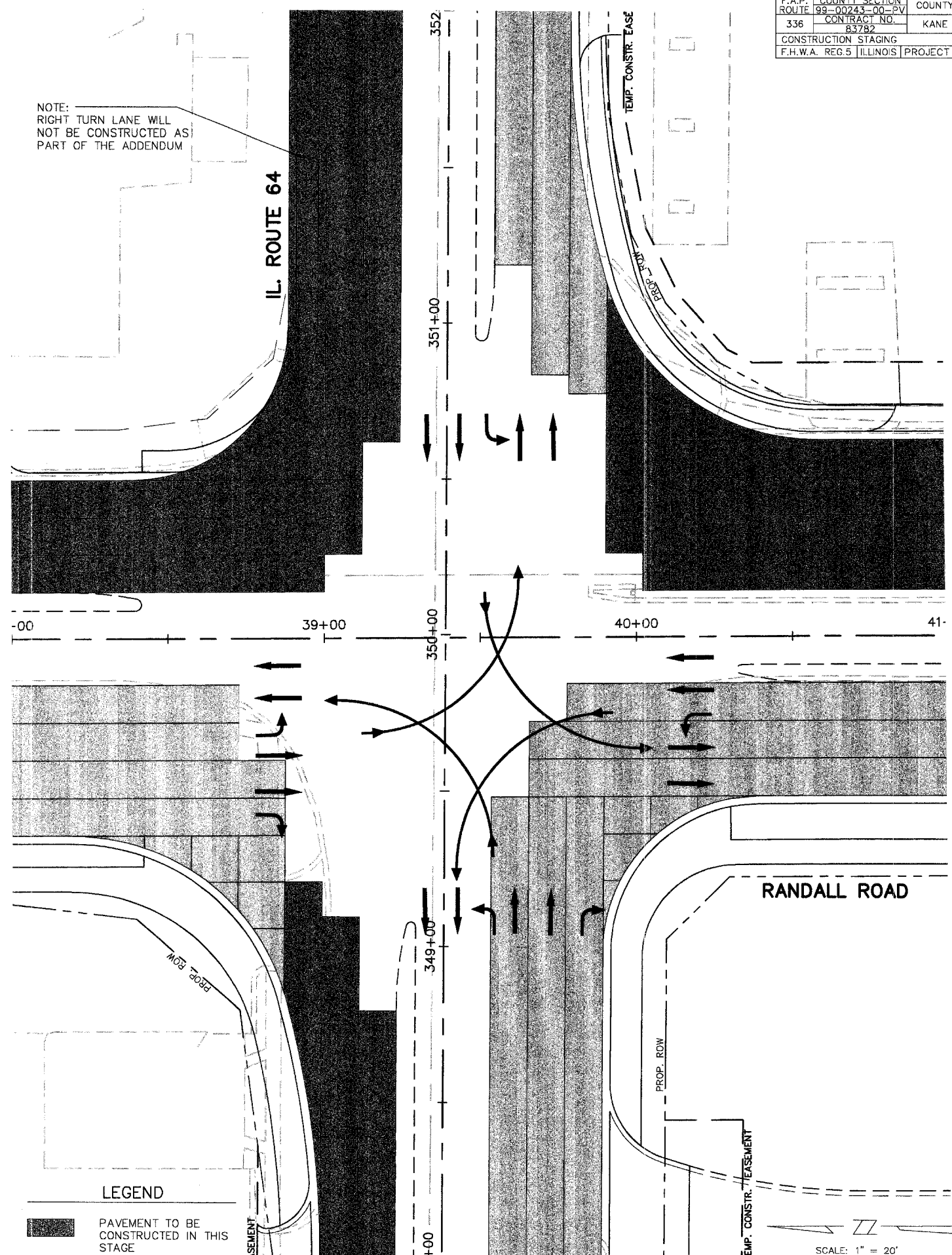
**DEAN STREET
 STAGE 3**

Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHEETS
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782			
CONSTRUCTION STAGING			
F.H.W.A. REG. 5 ILLINOIS PROJECT F-0336(C)			



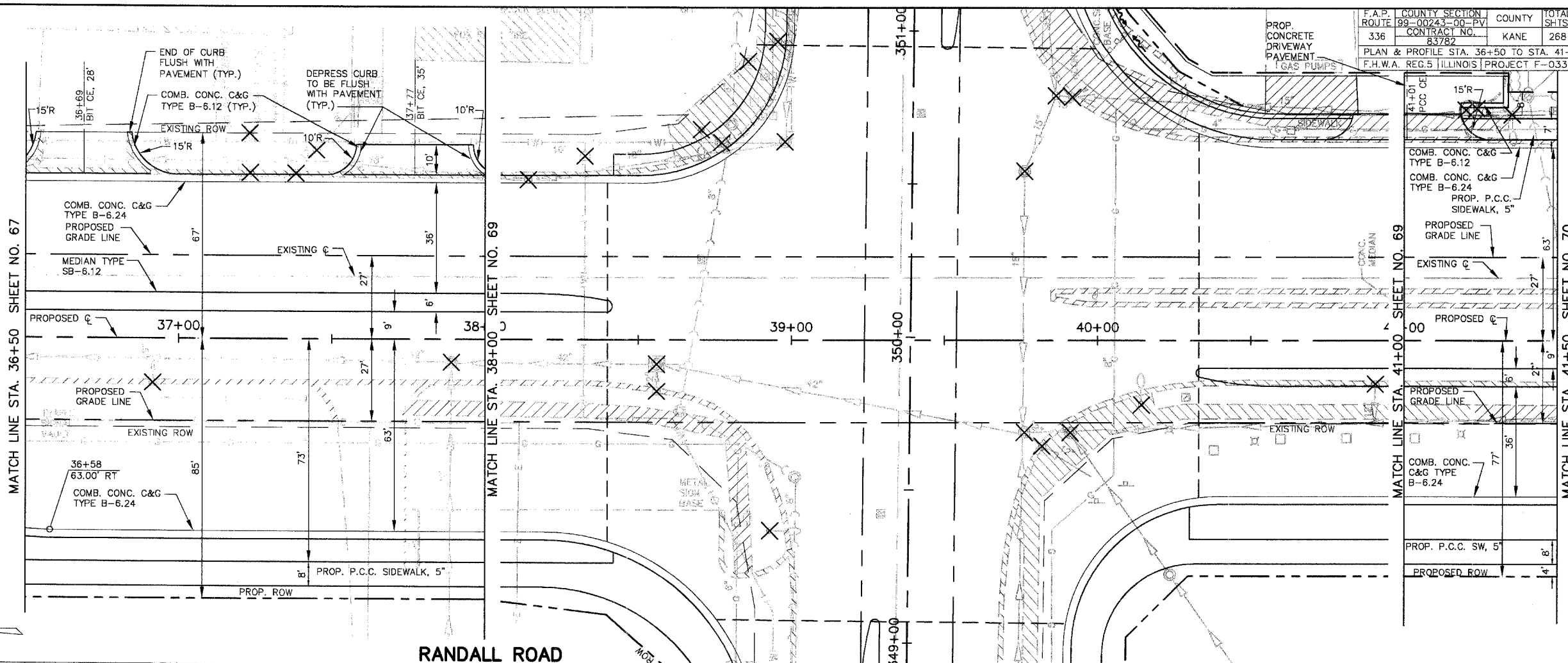
STAGE 1



STAGE 2

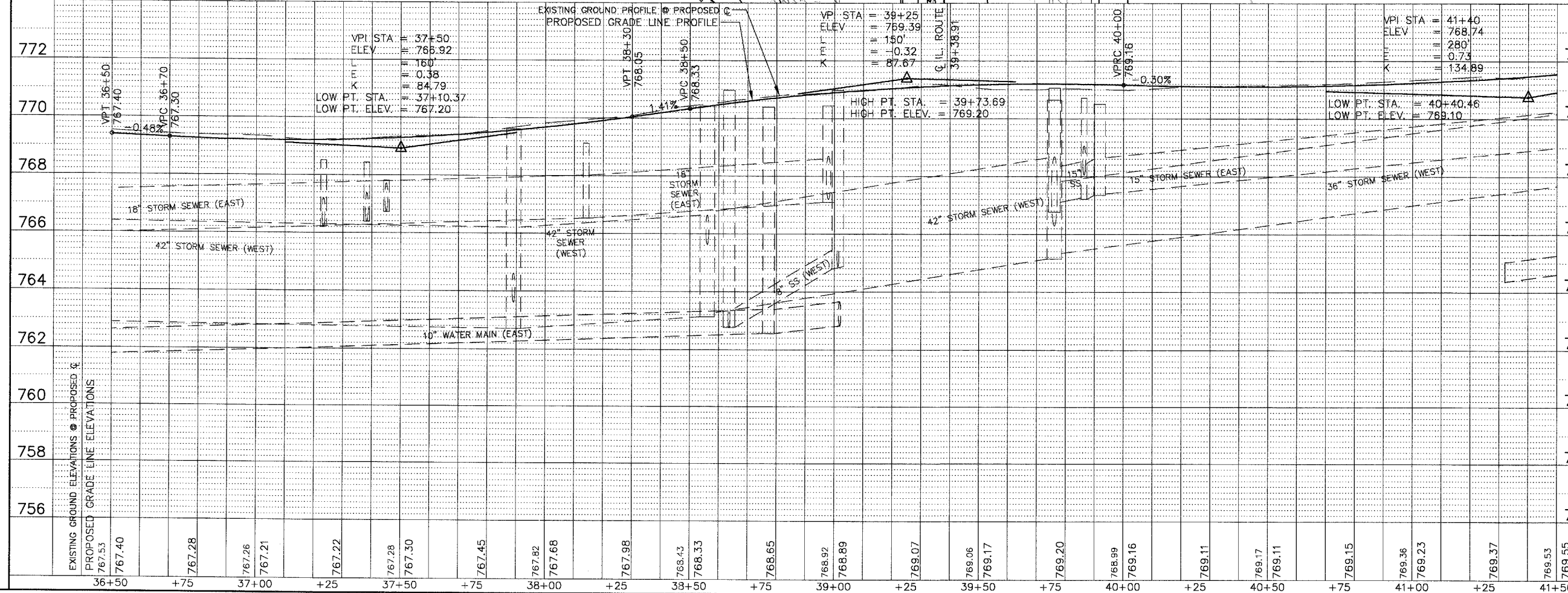
SCALE: 1" = 20'
 Revised 6-8-05

F.A.P. ROUTE	336	COUNTY SECTION	99-00243-00-PV	COUNTY	KANE	TOTAL SHEETS	268
CONTRACT NO.	83782	PLAN & PROFILE STA.	36+50 TO STA. 41+50				
F.H.W.A. REG. 5 ILLINOIS PROJECT F-0336							

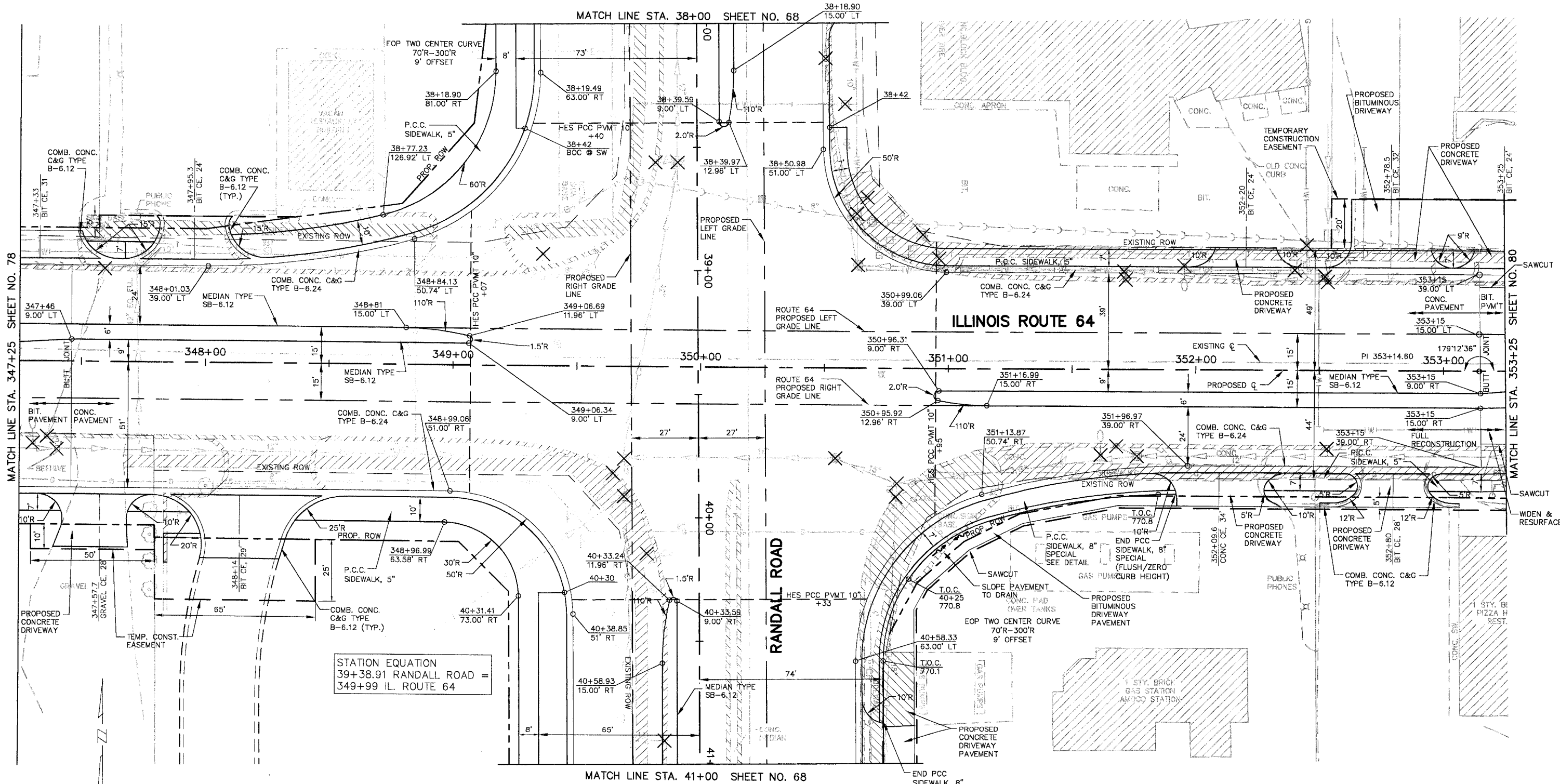


ZZ
 SCALE: 1" = 20'

RANDALL ROAD

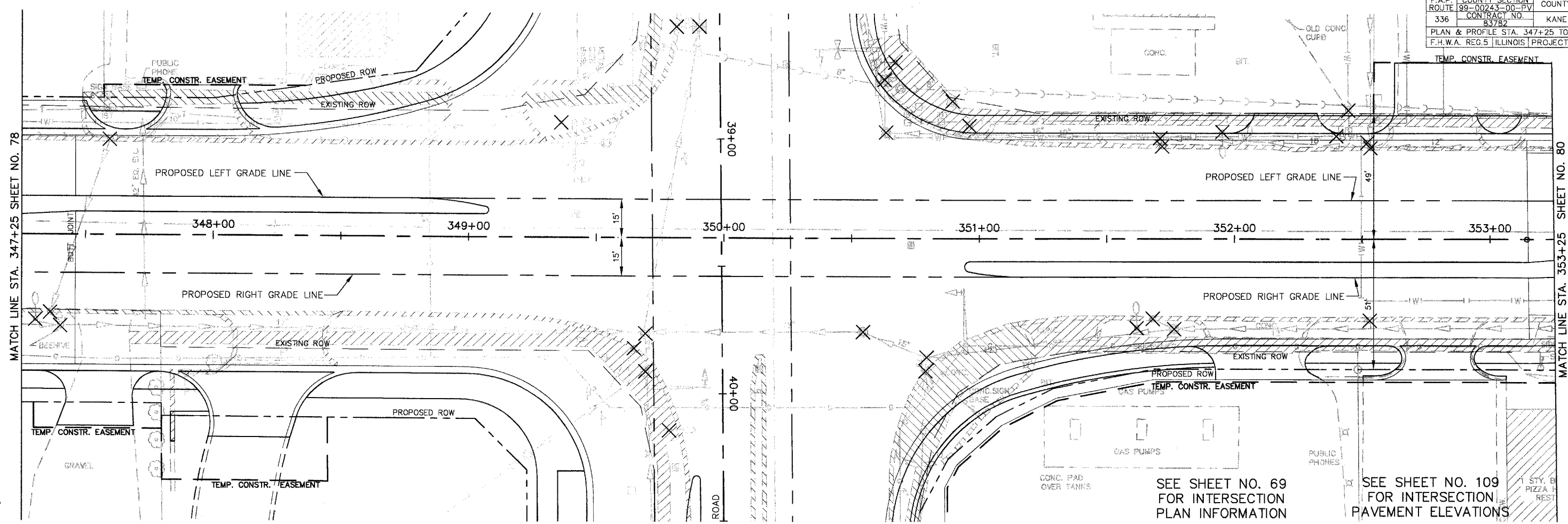


P.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-BV	KANE	268
CONTRACT NO. 83782			
PLAN STA. 38+00 TO STA. 41+00			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(C)			



SCALE: 1" = 20'

SEE SHEET NO. 109
 FOR INTERSECTION
 PAVEMENT ELEVATIONS

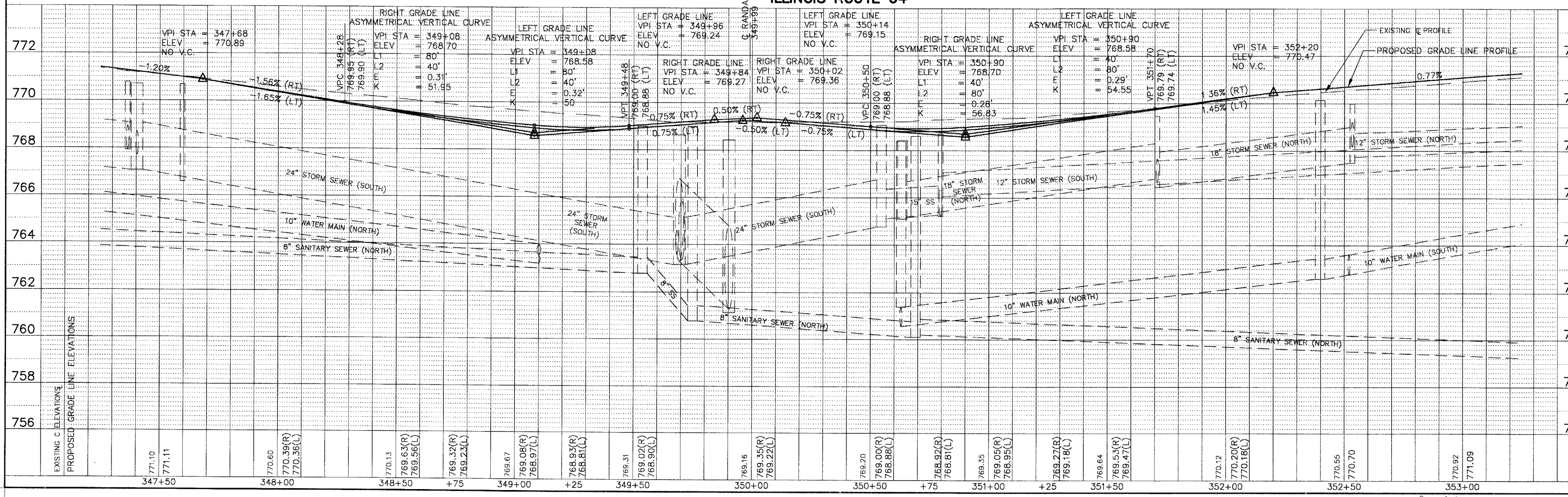


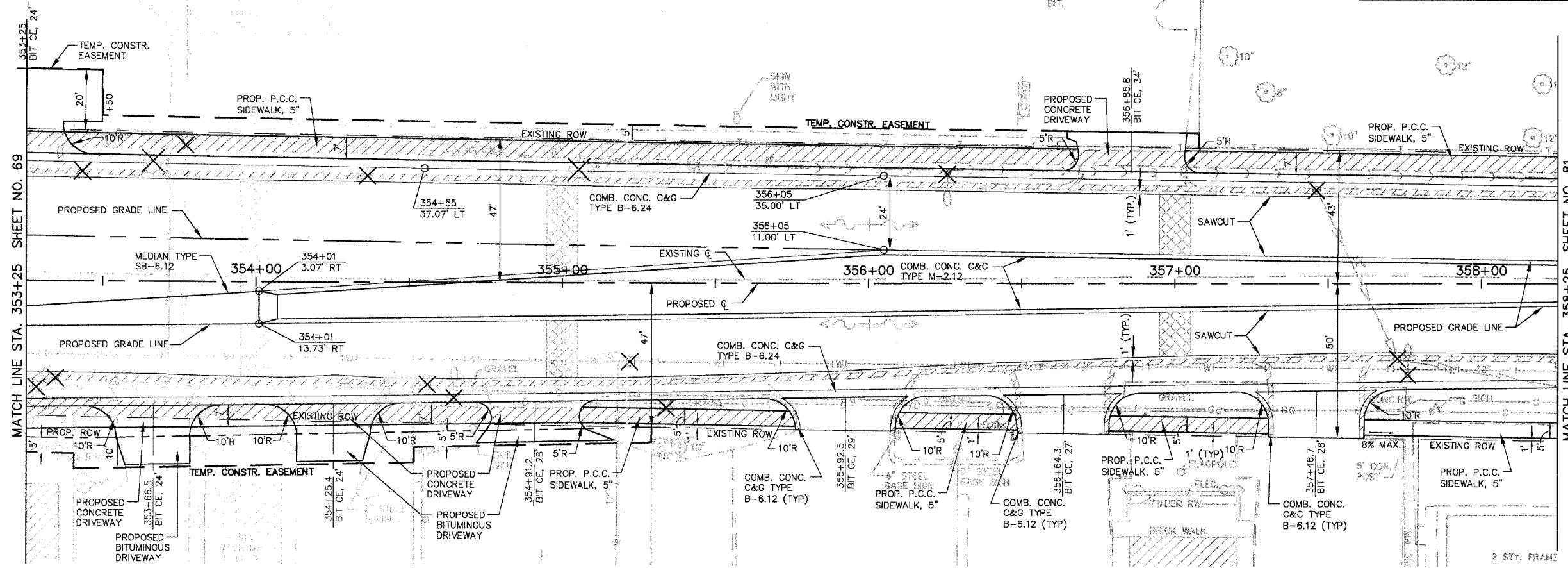
SCALE: 1" = 20'

SEE SHEET NO. 69 FOR INTERSECTION PLAN INFORMATION

SEE SHEET NO. 109 FOR INTERSECTION PAVEMENT ELEVATIONS

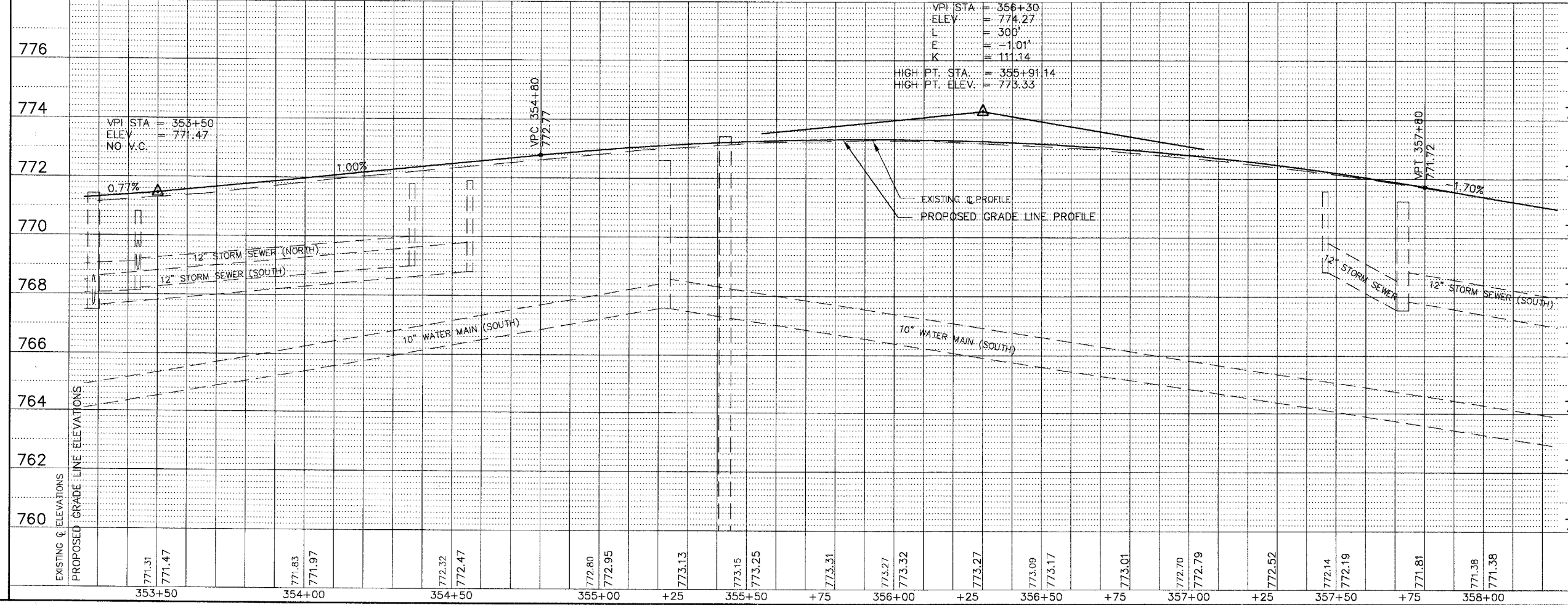
ILLINOIS ROUTE 64





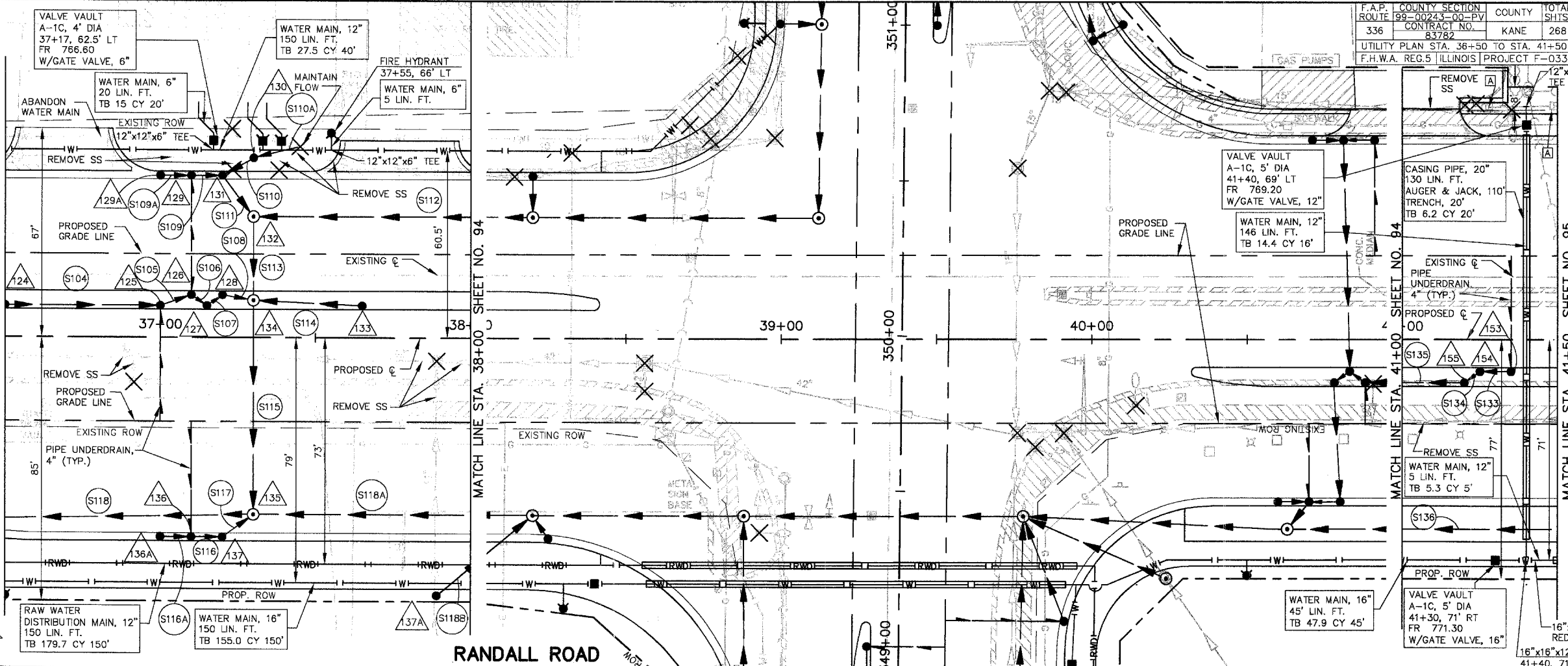
ILLINOIS ROUTE 64

SCALE: 1" = 20'



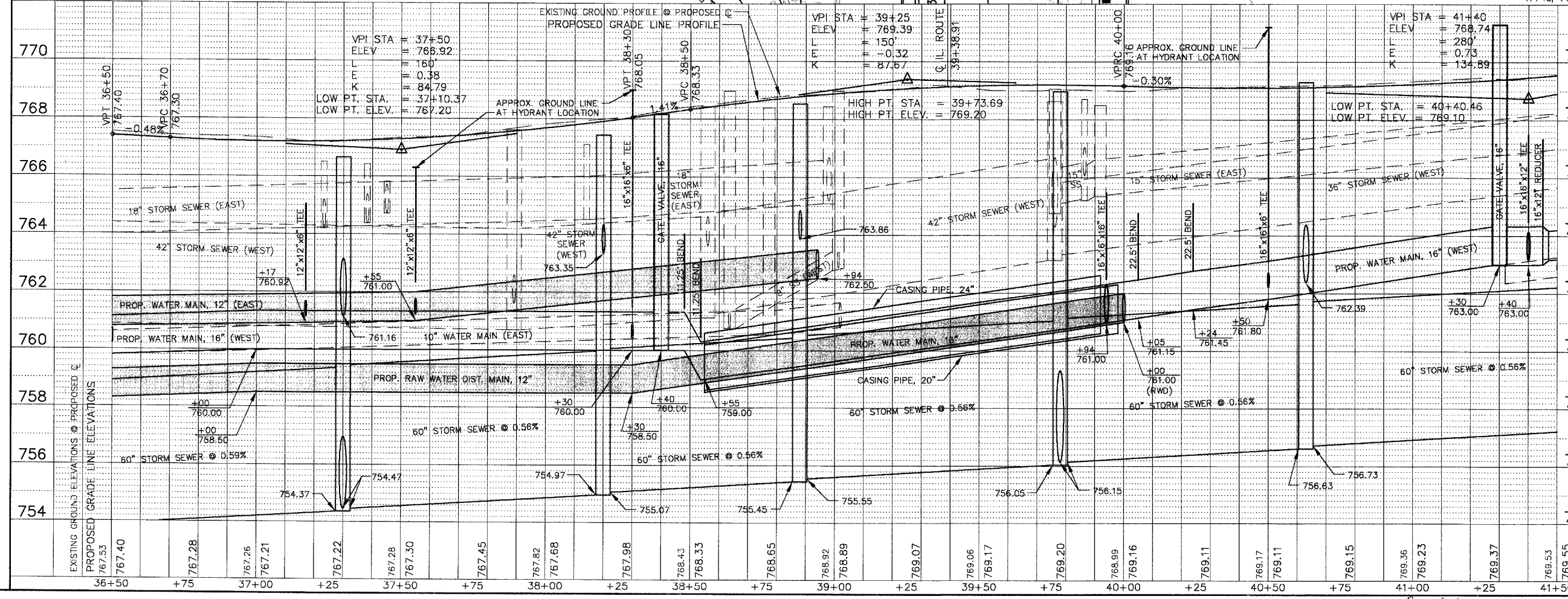
DRAINAGE STRUCTURE TABLE STA. 36+50 TO STA. 41+50

NO.	STA.	OFFSET	STRUCTURE TYPE/SIZE				FRAME & GRATE	RIM ELEV EPI/FR	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
			MH	CB	INL	OTHER						
124	36+50	9' LT	A 4				11V 766.74		762.74			
125	37+00	9' LT	A 4				11V 766.55	762.24	762.14			
126	37+10	15' LT	A 4				11V 767.02	762.03	761.93			
127	37+15	9' LT	A 5				11V 766.61	761.86	760.76			
128	37+20	15' LT	A 5				11V 767.03	760.69	760.59			
129	37+10	51' LT	A 4				24 766.78	762.88	762.78			
129A	37+00	51' LT	A 4				24 766.79	762.68	762.96			
130	37+30	58' LT	C 2				1P 766.50	761.50	763.30			
131	37+20	51' LT	A 5				24 766.79	762.68	761.39	760.26		
132	37+30	39' LT	A 5				1C 767.05		755.34	760.12	755.24	
133	37+65	9' LT	A 4				11V 767.13	763.13				
134	37+30	12' LT	A 5				1C 767.32	760.49	762.78	755.05	754.95	
135	37+30	57' RT	A 7				1C 766.65	754.37	754.47	754.47	761.16	
136	37+10	63' RT	A 4				24 766.48	762.58	762.48			
136A	37+00	63' RT	A 4				24 766.49	762.68				
137	37+20	63' RT	A 5				24 766.49	762.38		761.28		
137A	37+89	83' RT	C 2				1C 766.70		755.80		761.95 EX	
153	41+35	9' RT	A 4				11V 769.00	765.00				
154	41+25	9' RT	A 5				11V 769.01	764.90		763.74		
155	41+20	15' RT	A 5				11V 769.22	763.57	763.67			



PIPE TABLE STA. 36+50 TO STA. 41+50

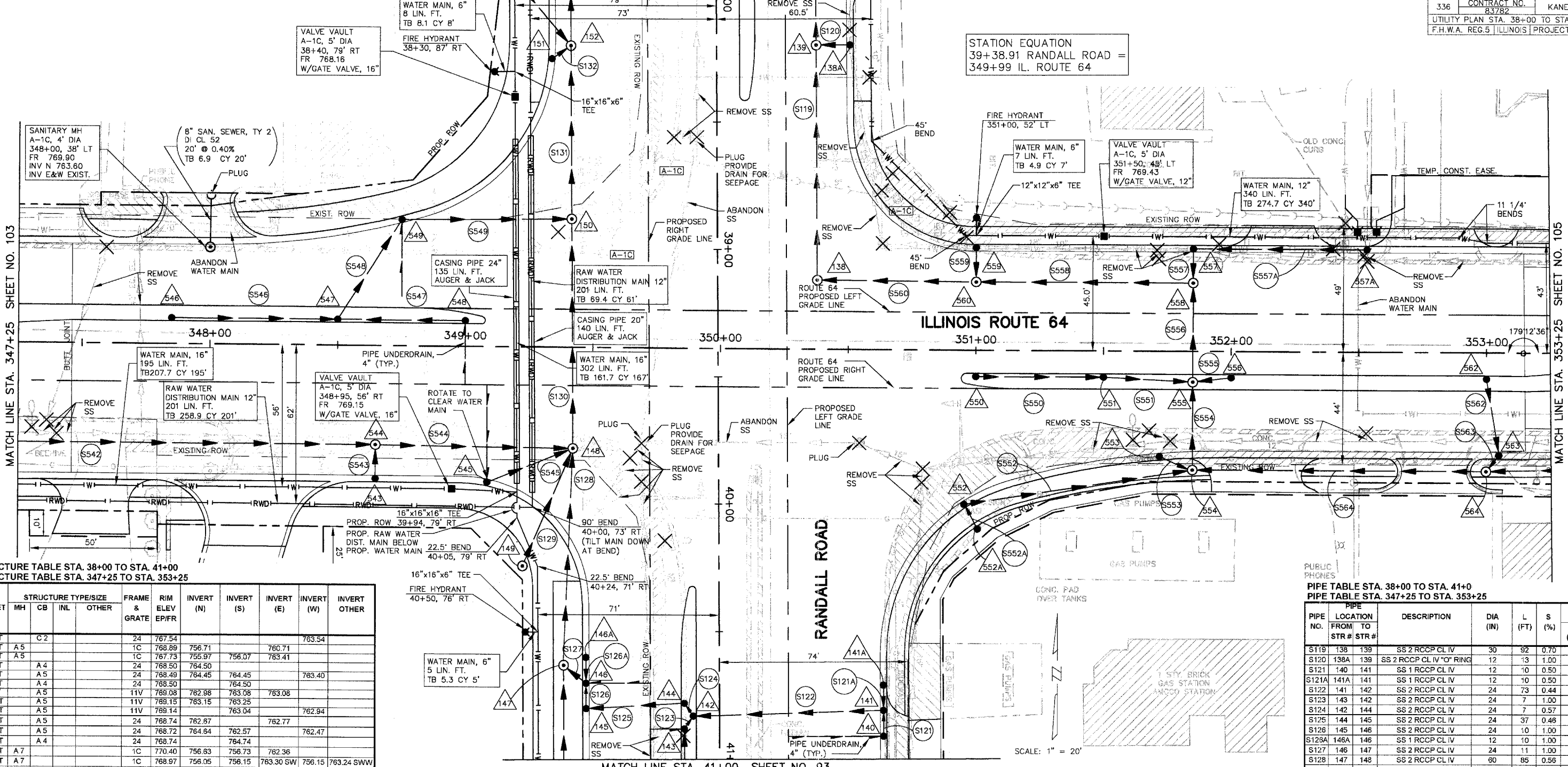
PIPE NO.	PIPE LOCATION FROM TO STR # STR #	DESCRIPTION	DIA (IN)	L (FT)	S (%)	TRENCH BACKFILL	
						L (FT)	VOL (CY)
S104	124 125	SS 2 RCCP CL IV	12	50	1.00	50	6.6
S105	125 126	SS 2 RCCP CL IV	12	11	1.00	11	1.5
S106	126 127	SS 2 RCCP CL IV	12	7	1.00	7	0.9
S107	127 128	SS 2 RCCP CL IV	24	7	1.00	7	1.9
S108	128 134	SS 2 RCCP CL IV	24	10	1.00	10	3.2
S109	129 131	SS 1 DI CL 52	12	10	1.00	10	1.3
S109A	129A 129	SS 1 DI CL 52	12	10	1.00	10	1.3
S110	130 131	SS 2 DI CL 52	12	11	1.00	4	1.3
S110A	EX 130	SS 1 PVC	6	20	7.10		
S111	131 132	SS 2 RCCP CL IV	24	16	1.00	16	5.6
S112	132 133	SS 2 RCCP CL IV	30	90	0.70	90	144.7
S113	132 134	SS 2 RCCP CL IV	30	27	0.70	27	44.6
S114	133 134	SS 2 RCCP CL IV	12	35	1.00	35	4.6
S115	134 135	SS 2 RCCP CL IV	30	69	0.70	69	120.3
S116	136 137	SS 1 DI CL 52	12	10	1.00	10	1.3
S116A	136A 136	SS 1 DI CL 52	12	10	1.00	10	1.3
S117	137 135	SS 2 RCCP CL IV	24	12	1.00	12	1.8
S118	135 123	SS 2 RCCP CL IV	60	350	0.59	350	915.1
S118A	152 135	SS 2 RCCP CL IV	60	90	0.56	90	165.9
S118B	137A 152	SS 2 RCCP CL IV	12	40	1.00	40	52.2
S133	153 154	SS 1 RCCP CL IV	12	10	1.00	10	1.3
S134	154 155	SS 2 RCCP CL IV	24	7	1.00	7	1.0
S135	155 143	SS 2 RCCP CL IV	24	32	1.00	32	6.6
S136	161 147	SS 2 RCCP CL IV	60	107	0.56	107	304.2



F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
UTILITY PLAN STA. 36+50 TO STA. 41+50		PROJECT F-0336	
F.H.W.A. REG.5 ILLINOIS			

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTALS SHTS.
99-00243-00-PV	336	KANE	268
CONTRACT NO.	83782		
UTILITY PLAN STA. 38+00 TO STA. 41+00			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			

MATCH LINE STA. 38+00 SHEET NO. 93



STATION EQUATION
 39+38.91 RANDALL ROAD =
 349+99 IL. ROUTE 64

MATCH LINE STA. 347+25 SHEET NO. 103

MATCH LINE STA. 353+25 SHEET NO. 105

DRAINAGE STRUCTURE TABLE STA. 38+00 TO STA. 41+00
 DRAINAGE STRUCTURE TABLE STA. 347+25 TO STA. 353+25

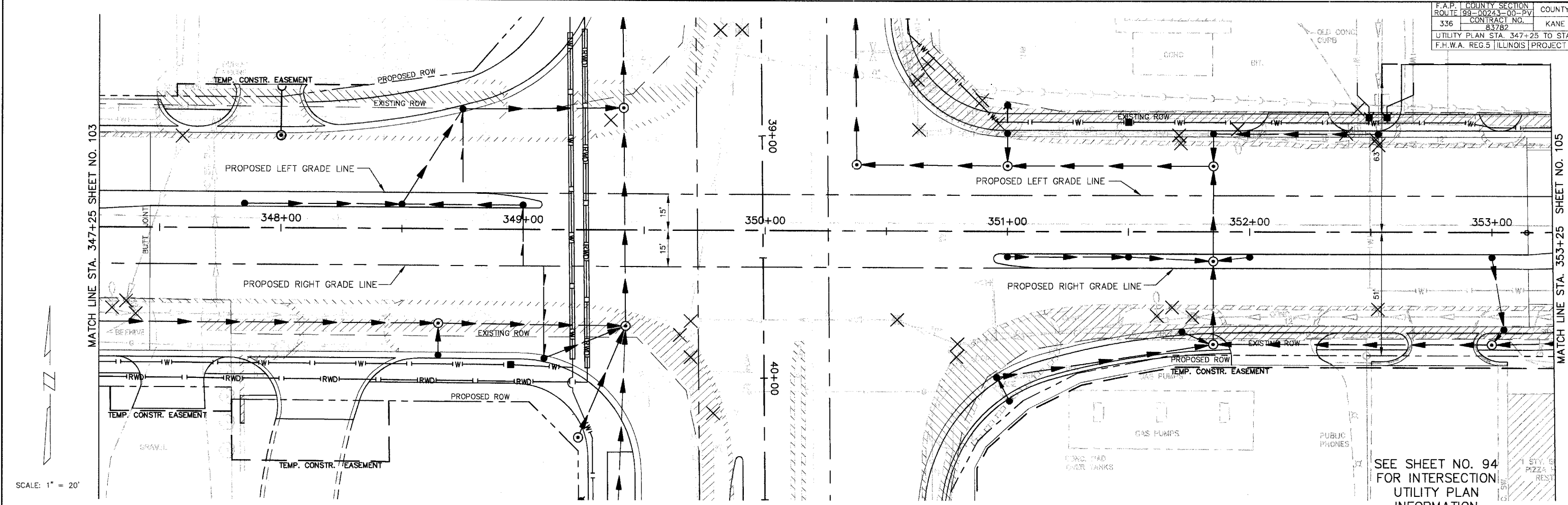
NO.	STA.	OFFSET	STRUCTURE TYPE/SIZE	FRAME & GRATE	RIM ELEV EPI/FR	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	INVERT OTHER
138A	38+20	51' LT	C 2	24	767.54				763.54	
138	38+12	39' LT	A 5	1C	768.89	756.71		760.71		
139	38+20	39' LT	A 5	1C	767.73	755.97	756.07	763.41		
140	40+01	63' LT	A 4	24	768.50	764.50				
141	40+01	63' LT	A 5	24	768.49	764.45	764.45		763.40	
141A	40+71	63' LT	A 4	24	768.50	764.50				
142	40+83	9' RT	A 5	11V	769.08	762.98	763.08	763.08		
143	40+88	15' RT	A 5	11V	769.15	763.15	763.25			
144	40+78	15' RT	A 5	11V	769.14	763.04			762.94	
145	40+80	51' RT	A 5	24	768.74	762.87		762.77		
146	40+70	51' RT	A 5	24	768.72	764.84	762.57		762.47	
146A	40+60	51' RT	A 4	24	768.74	764.74				
147	40+83	61' RT	A 7	1C	770.40	756.63	756.73	762.36		
148	39+78	57' RT	A 7	1C	768.97	756.05	756.15	763.30 SW	756.15	763.24 SWW
149	40+24	77' RT	A 4	1C	769.60	763.80	764.00 EX.			
150	38+88	57' RT	A 7	1C	768.53	755.45	755.55		763.86	
151	38+25	83.22' RT	A 4	24	767.43			763.43		
152	38+20	57' RT	A 7	1C	767.44	754.97	755.07	763.35	755.40 NW	
543	348+65	51' RT	C 2	24	768.83	764.83		764.70	756.92	760.83
544	348+65	39' RT	A 5	1C	769.03			764.70	756.92	760.83
545	349+09	52' RT	A 5	24	768.68					763.60 NE
546	347+85	9' LT	A 4	11V	770.26			766.04		
547	348+50	9' LT	A 4	11V	769.39	764.83		764.93	765.39	
548	349+00	9' LT	A 4	11V	769.00				765.15	
549	348+75	48.26' LT	A 4	24	768.62		764.62	764.52		
550	351+00	9' RT	A 4	11V	769.05			765.05		
551	351+50	9' RT	A 4	11V	768.35			764.45	764.55	
552	350+95	59.38' RT	A 5	24	768.58			765.08	764.08	
552A	351+01	70' RT	C 2	1P	770.05	765.19				
553	351+70	40.21' RT	A 4	24	769.27			765.27		
554	351+85	46.5' RT	A 5	1C	768.80	763.88		764.18	763.88	765.11 NW
555	351+85	12' RT	A 5	1C	770.27	763.24	763.34	765.67	764.10	
556	352+00	9' RT	A 4	11V	769.82				765.82	
557	351+85	39' LT	A 4	24	769.48		765.27	765.37		
557A	352+53	39' LT	C 2	24	770.24	768.20 EX.			766.05	
558	351+85	27' LT	A 5	1C	769.72	765.14		762.75	762.85	
559	351+00	39' LT	A 4	24	768.59			764.20		
560	351+00	27' LT	A 5	1C	768.77	764.07		761.59	761.49	
561			NOT USED							
562	353+00	9' RT	A 4	11V	770.73			766.10		
563	353+05	39' RT	A 4	24	770.64	765.96	765.86			
564	353+00	46.5' RT	A 4	1C	771.00	765.78		765.75	765.50	

PIPE TABLE STA. 38+00 TO STA. 41+00
 PIPE TABLE STA. 347+25 TO STA. 353+25

PIPE NO.	LOCATION FROM TO STR #	DESCRIPTION	DIA (IN)	L (FT)	S (%)	TRENCH BACKFILL L (FT) VOL (CY)
S119	138 139	SS 2 RCCP CL IV	30	92	0.70	92 152.1
S120	138A 139	SS 2 RCCP CL IV "O" RING	12	13	1.00	13 1.7
S121	140 141	SS 1 RCCP CL IV	12	10	0.50	10 1.3
S121A	141A 141	SS 1 RCCP CL IV	12	10	0.50	10 1.3
S122	141 142	SS 2 RCCP CL IV	24	73	0.44	73 12.8
S123	143 142	SS 2 RCCP CL IV	24	7	1.00	7 1.6
S124	142 144	SS 2 RCCP CL IV	24	7	0.57	7 1.8
S125	144 145	SS 2 RCCP CL IV	24	37	0.48	37 9.8
S126	145 146	SS 2 RCCP CL IV	24	10	1.00	10 2.4
S126A	146A 146	SS 1 RCCP CL IV	12	10	1.00	10 1.3
S127	146 147	SS 2 RCCP CL IV	24	11	1.00	11 11.1
S128	147 148	SS 2 RCCP CL IV	60	85	0.56	85 166.0
S129	149 148	SS 2 RCCP CL IV "O" RING	12	50	1.00	50 22.3
S130	148 150	SS 2 RCCP CL IV	60	90	0.56	90 183.9
S131	150 152	SS 2 RCCP CL IV	60	68	0.56	68 134.4
S132	151 152	SS 1 RCCP CL IV	12	3	1.00	8 1.1
S542	541 544	SS 2 RCCP CL IV	36	145	1.00	145 118.3
S543	543 544	SS 2 RCCP CL IV "O" RING	12	13	1.00	13 1.7
S544	544 148	SS 2 RCCP CL IV	36	77	1.00	77 138.9
S545	545 148	SS 2 RCCP CL IV "O" RING	24	36	1.00	36 5.3
S546	546 547	SS 1 RCCP CL IV	12	65	1.00	65 8.6
S547	548 547	SS 2 RCCP CL IV	12	50	0.44	50 6.8
S548	547 549	SS 2 RCCP CL IV	12	47	0.45	47 6.2
S549	549 150	SS 2 RCCP CL IV	12	66	1.00	66 8.7
S550	550 551	SS 2 RCCP CL IV	12	50	1.00	50 9.7
S551	551 555	SS 2 RCCP CL IV	12	35	1.00	35 11.2
S552	552 554	SS 1 RCCP CL IV	24	91	0.44	91 57.5
S552A	552A 552	SS 1 RCCP CL IV	12	11	1.00	11 2.6
S553	553 554	SS 2 RCCP CL IV	12	16	1.00	16 4.8
S554	554 555	SS 2 RCCP CL IV	24	34	1.00	34 23.2
S555	555 555	SS 2 RCCP CL IV	12	15	1.00	15 2.9
S556	555 558	SS 2 RCCP CL IV	24	39	1.25	39 29.8
S557	557 558	SS 2 RCCP CL IV "O" RING	12	13	1.00	13 2.5
S557A	557A 557	SS 1 DI CL 52	12	68	1.00	68 11.8
S558	558 560	SS 2 RCCP CL IV	24	85	1.25	85 68.4
S559	559 560	SS 2 RCCP CL IV "O" RING	12	13	1.00	13 2.5
S560	560 138	SS 2 RCCP CL IV	24 EQ. ELL	62	1.25	62 44.8
S561		NOT USED				
S562	562 563	SS 2 RCCP CL IV	12	31	0.45	31 6.7
S563	563 564	SS 2 RCCP CL IV	12	3	1.00	8 2.9
S564	564 554	SS 2 RCCP CL IV	18	115	1.15	115 78.7

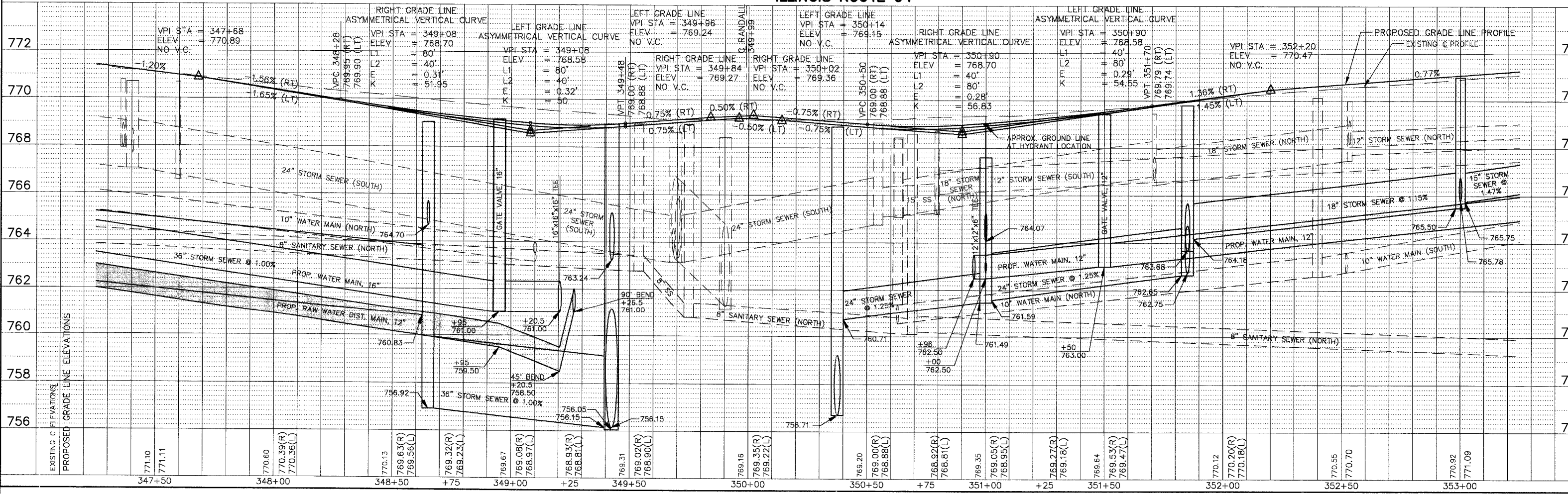
MATCH LINE STA. 41+00 SHEET NO. 93

SCALE: 1" = 20'



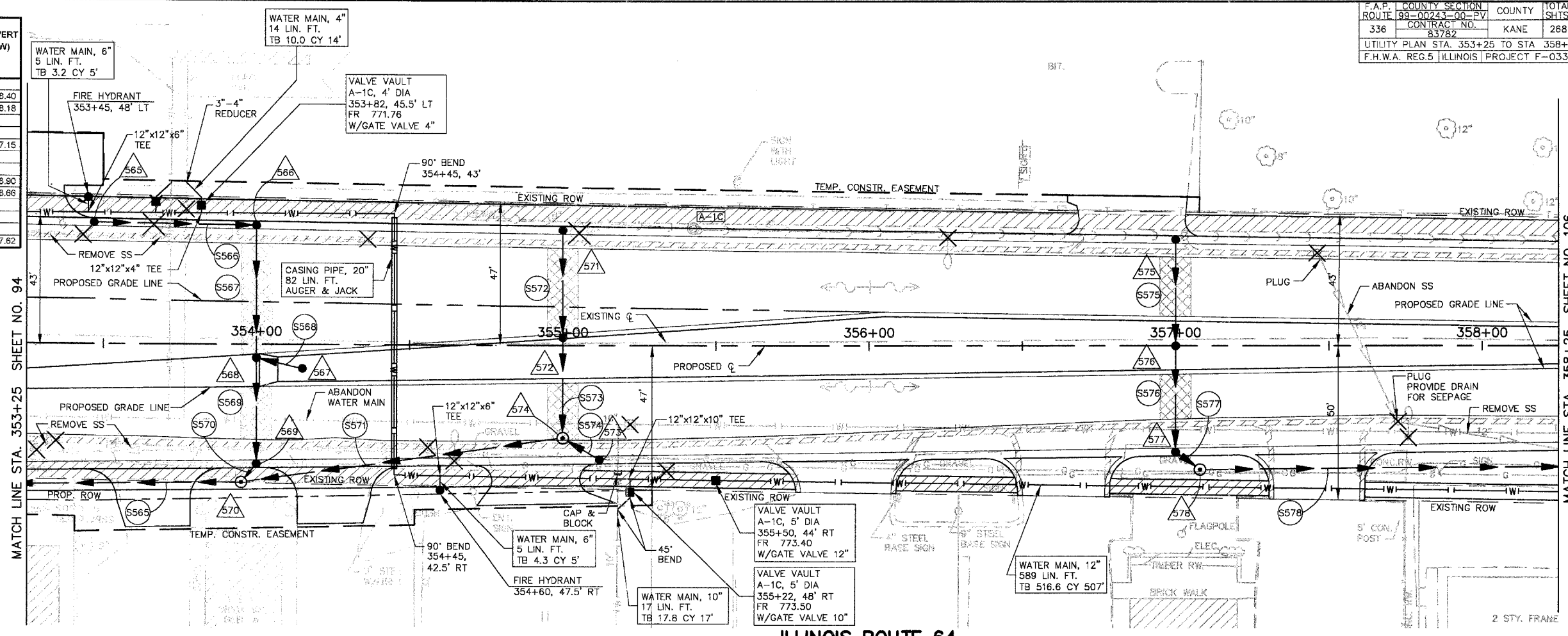
SCALE: 1" = 20'

ILLINOIS ROUTE 64



NO.	STA.	OFFSET	STRUCTURE TYPE/SIZE				FRAME & GRATE	RIM ELEV EPI/FR	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
			MH	CB	INL	OTHER						
565*	353+47	38.56' LT	C 2				24	770.97	768.84 EX.		768.84	
566	354+00	37.82' LT	A 4				24	771.49		768.30	768.40	
567	354+15	7.8' RT	A 4				1P	772.14				768.18
568	354+00	3.14' RT	A 4				11V	771.72	768.11	768.01	768.11	
569	354+00	37.73' RT	A 4				24	771.49	767.85	767.49		
570	353+95	45.0' RT	A 4				1C	771.90	767.41		767.40	767.15
571	355+00	36.45' LT	A 4				24	772.47		769.47		
572	355+00	3.76' LT	A 4				SPL1	772.82	769.32	769.22		
573	355+13	36.05' RT	A 4				24	772.57			768.90	
574	355+00	30.25' RT	A 4				1C	772.59	769.07		768.76	768.66
575	357+10	33.35' LT	A 4				24	772.21		768.21		
576	357+10	CL	A 4				1P	772.73	768.06	767.96		
577	357+10	33.13' RT	A 4				24	772.21	767.81		767.71	
578	357+10	38.0' RT	A 4				1C	772.80		767.52	767.82	

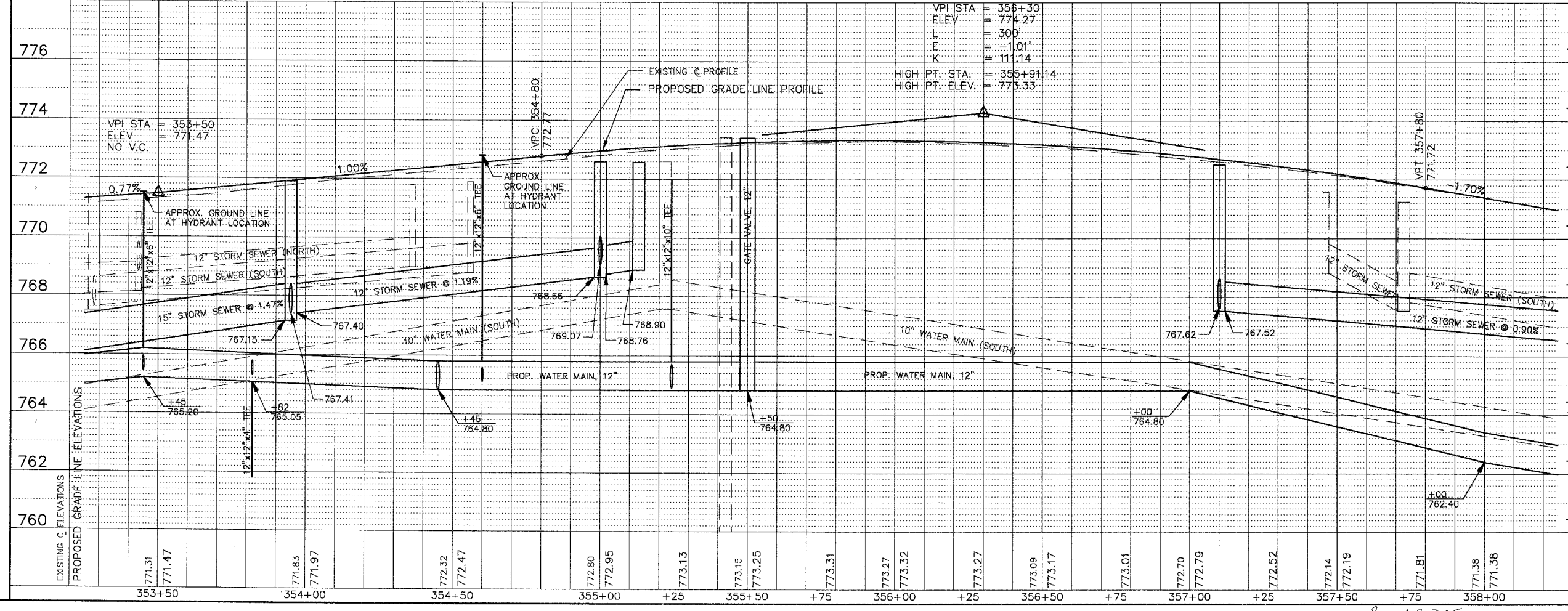
* LOCATE TO INTERCEPT EXISTING 6" STORM SEWER



DRAINAGE STRUCTURE TABLE STA. 353+25 TO STA. 358+25

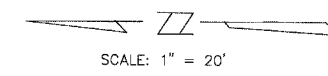
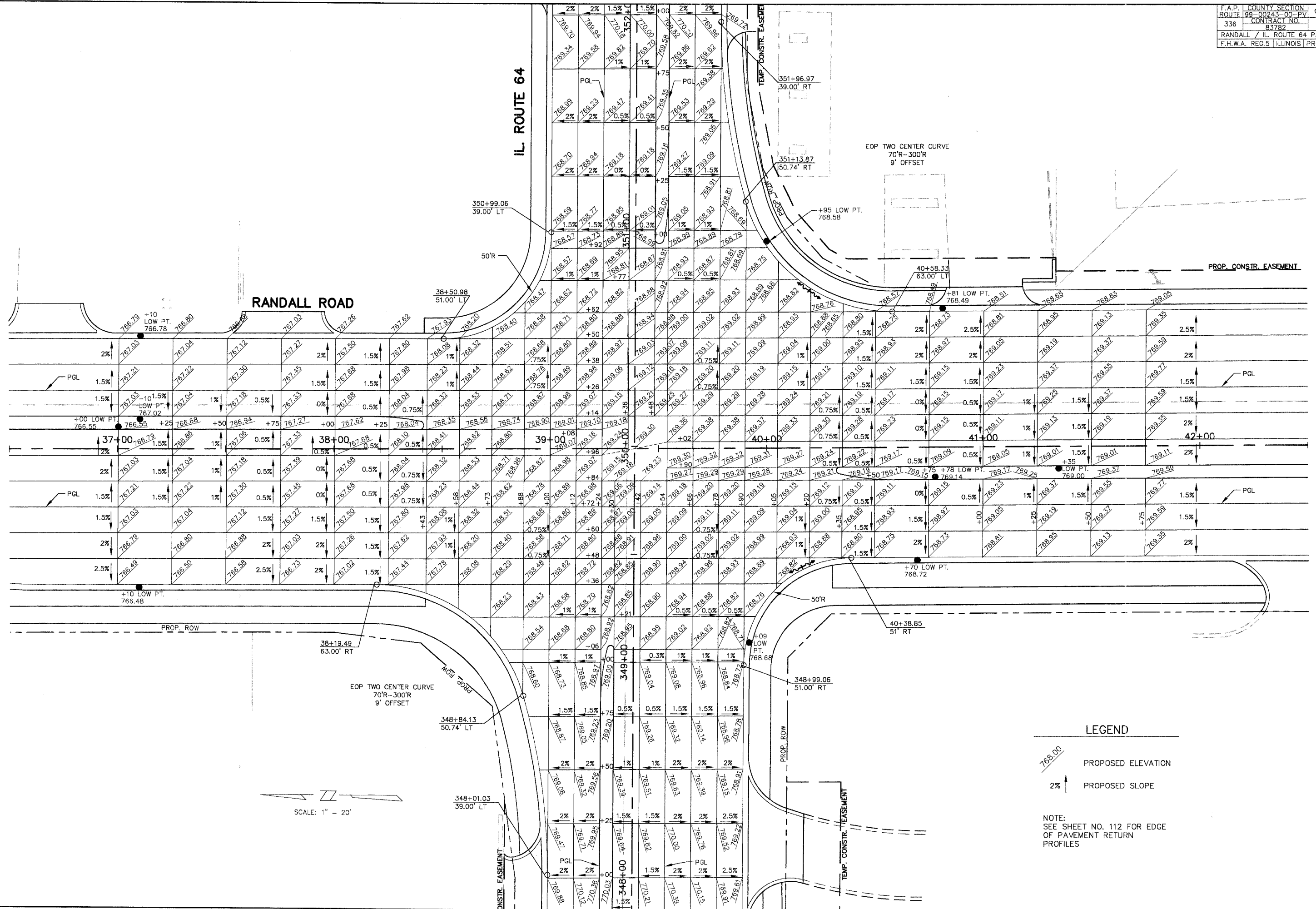
PIPE NO.	LOCATION FROM STR #	TO STR #	DESCRIPTION	DIA (IN)	L (FT)	S (%)	TRENCH BACKFILL	
							L (FT)	VOL (CY)
S565	570	564	SS 2 RCCP IV	15	95	1.47	65	35.8
S566	565	566	SS 1 DI CL 52	12	53	0.46	53	7.0
S567	566	568	SS 1 RCCP IV "O" RING	12	42	0.45	42	5.5
S568	567	568	SS 1 RCCP IV	12	15	0.47	15	2.0
S569	568	569	SS 1 RCCP IV	12	35	0.46	35	4.6
S570	569	570	SS 2 RCCP IV	12	8	1.00	8	2.4
S571	574	570	SS 2 RCCP IV "O" RING	12	108	1.19	108	18.4
S572	571	572	SS 1 RCCP IV	12	34	0.44	34	4.5
S573	572	574	SS 1 RCCP IV	12	33	0.45	33	4.3
S574	573	574	SS 1 RCCP IV "O" RING	12	14	1.00	14	2.3
S575	575	576	SS 2 RCCP IV	12	34	0.44	34	4.5
S576	576	577	SS 2 RCCP IV	12	34	0.44	34	4.5
S577	577	578	SS 2 RCCP IV "O" RING	12	10	0.90	10	3.8
S578	578	582	SS 2 DI CL 52	12	157	0.90	47	14.1

SCALE: 1" = 20'



Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHEETS
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782		RANDALL / IL. ROUTE 64 PAVEMENT ELEVATION	
F.H.W.A. REG.5 ILLINOIS		PROJECT F-0336(C)	



LEGEND

768.00 PROPOSED ELEVATION

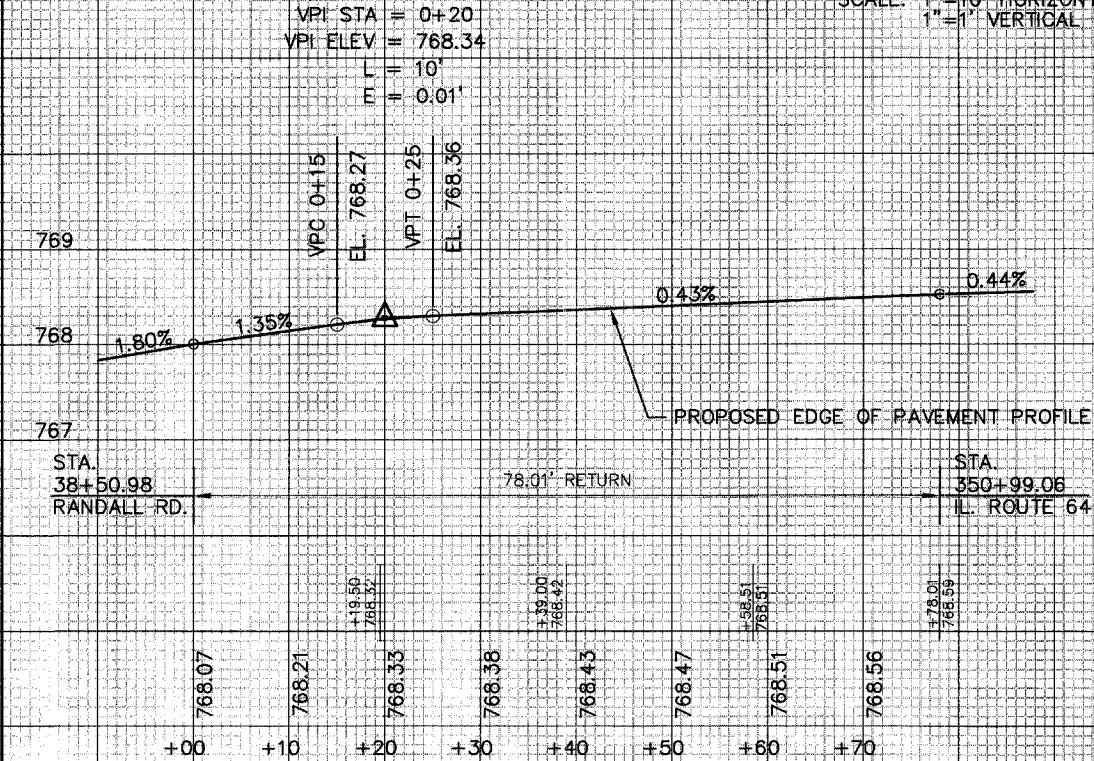
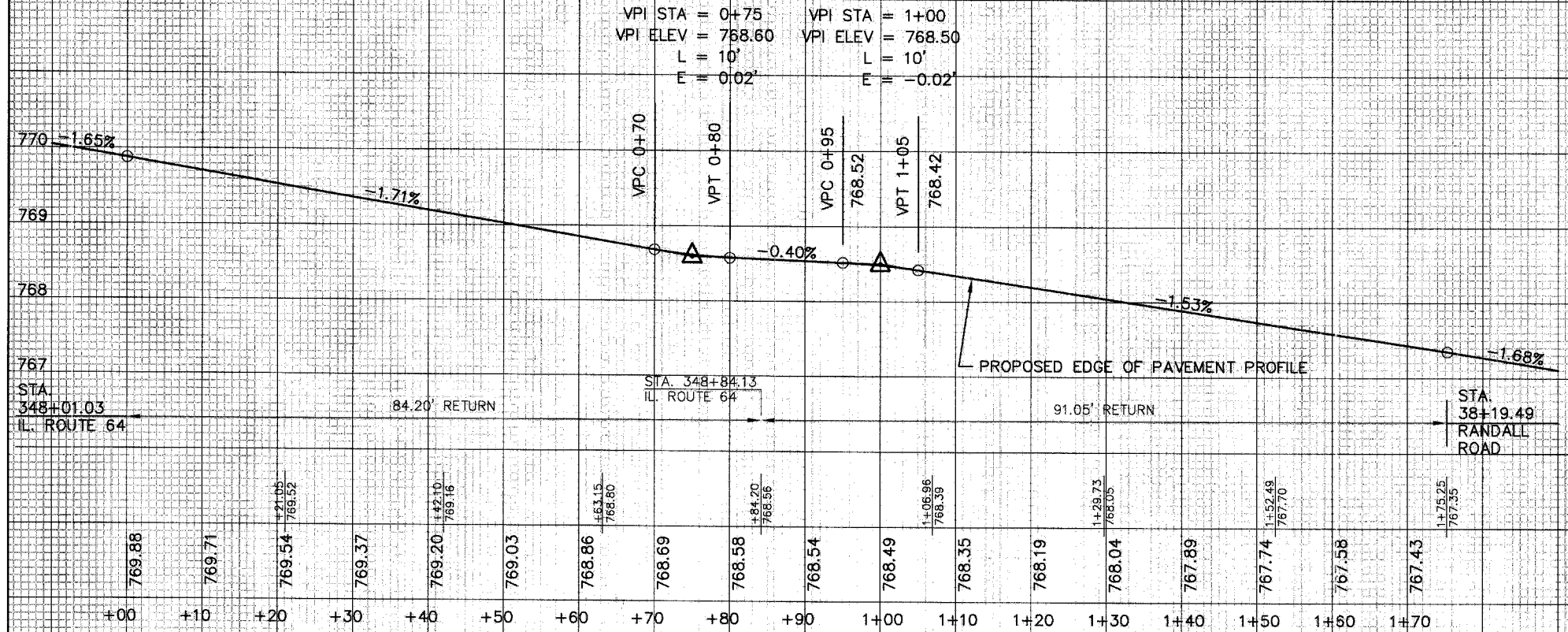
2% ↑ PROPOSED SLOPE

NOTE:
 SEE SHEET NO. 112 FOR EDGE OF PAVEMENT RETURN PROFILES

RANDALL ROAD AND IL. ROUTE 64
 NORTHWEST E.O.P. RETURN PROFILE

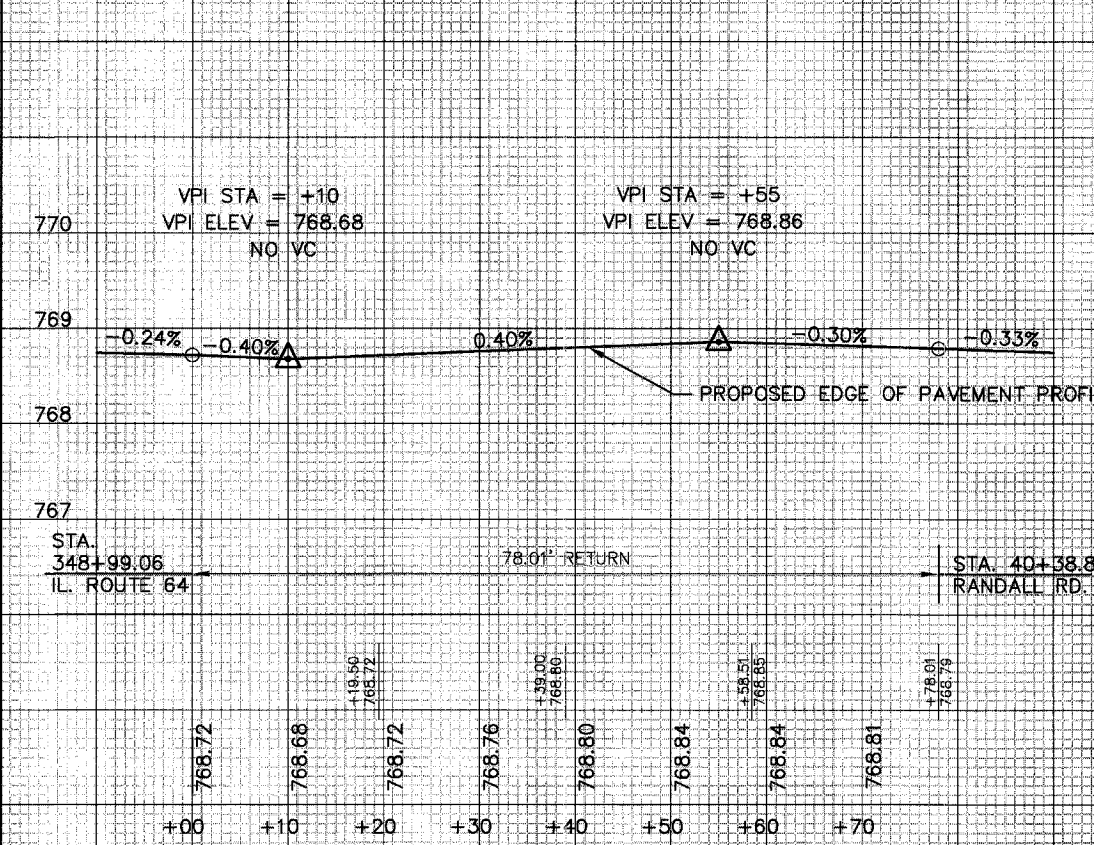
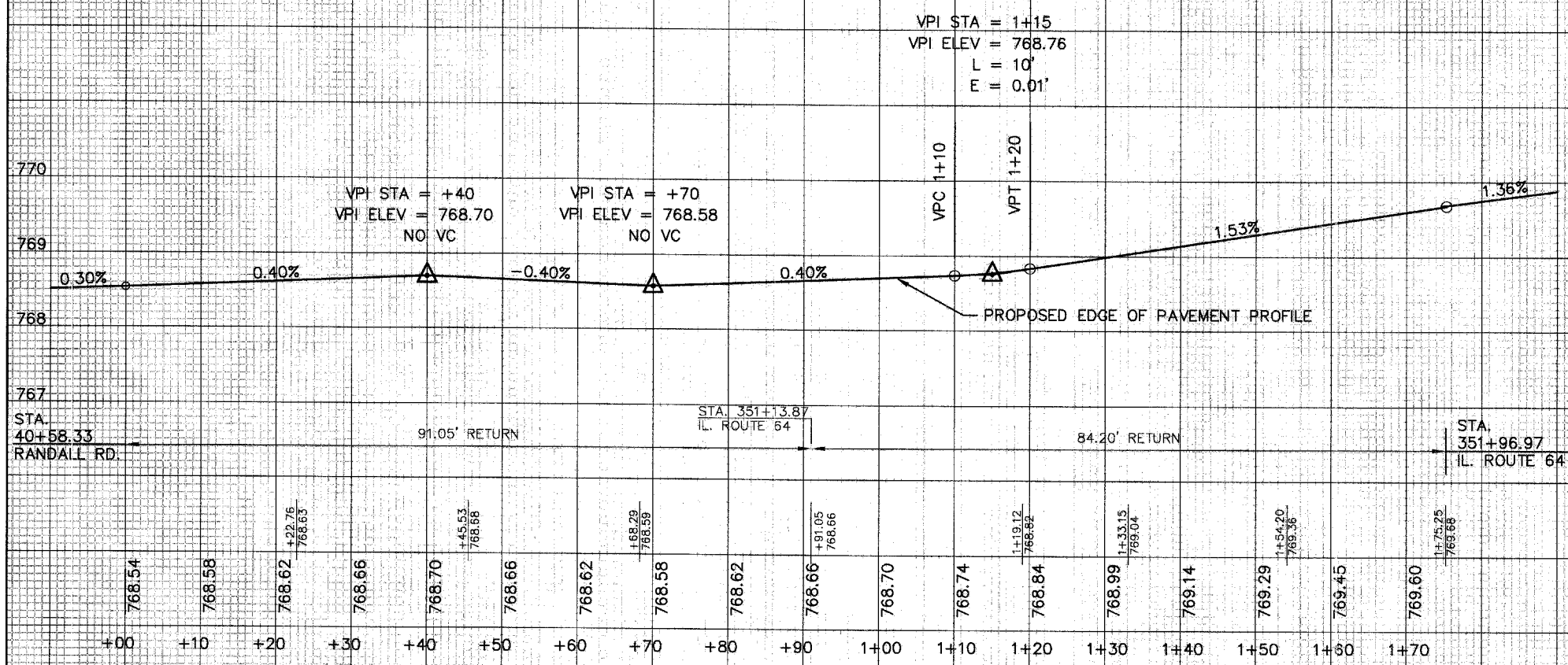
RANDALL ROAD AND IL. ROUTE 64
 NORTHEAST E.O.P. RETURN PROFILE

SCALE: 1"=10' HORIZONTAL
 1"=1' VERTICAL



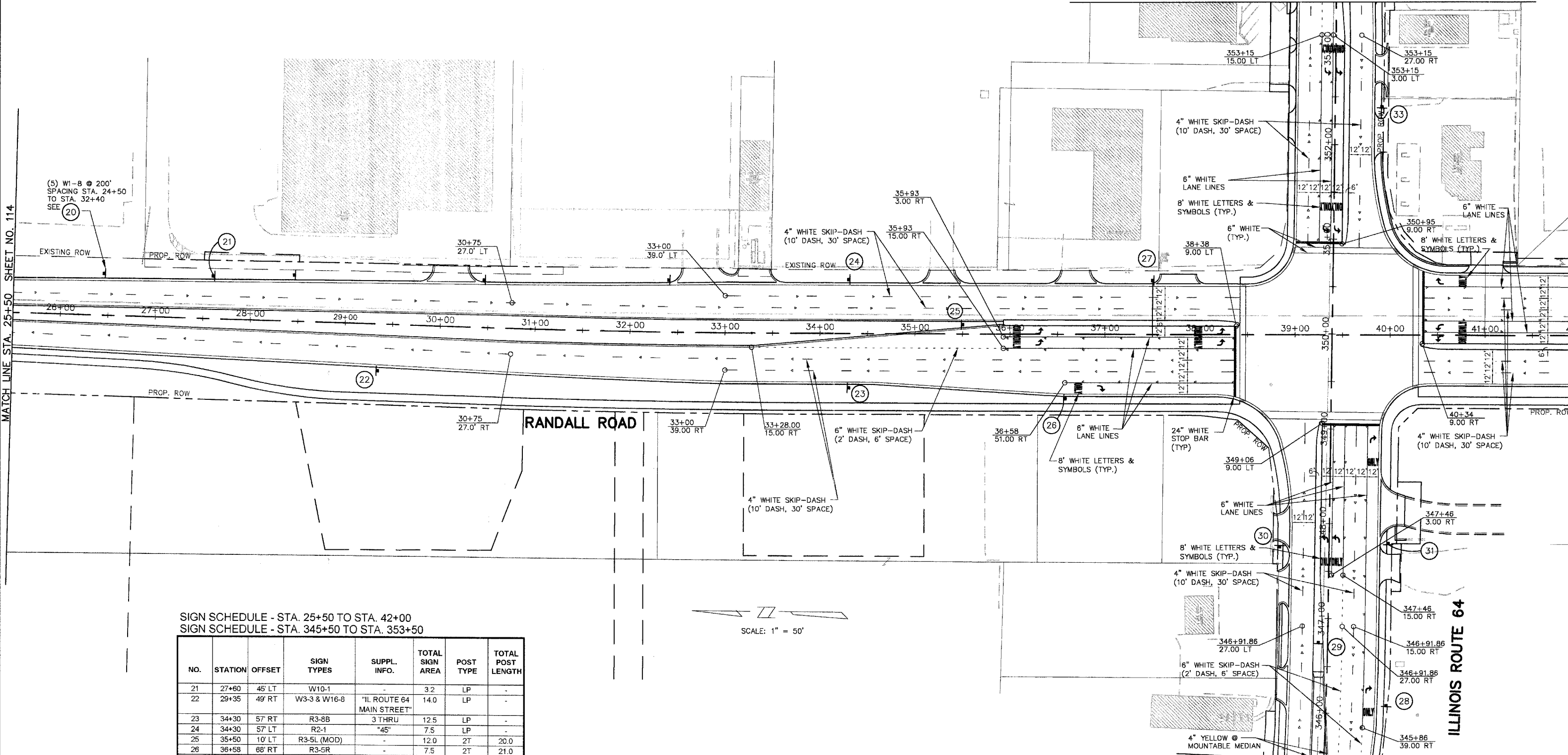
RANDALL ROAD AND IL. ROUTE 64
 SOUTHEAST E.O.P. RETURN PROFILE

RANDALL ROAD AND IL. ROUTE 64
 SOUTHWEST E.O.P. RETURN PROFILE



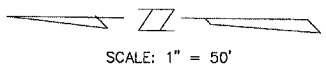
MATCH LINE STA. 25+50 SHEET NO. 114

MATCH LINE STA. 353+50 SHEET NO. 117



SIGN SCHEDULE - STA. 25+50 TO STA. 42+00
 SIGN SCHEDULE - STA. 345+50 TO STA. 353+50

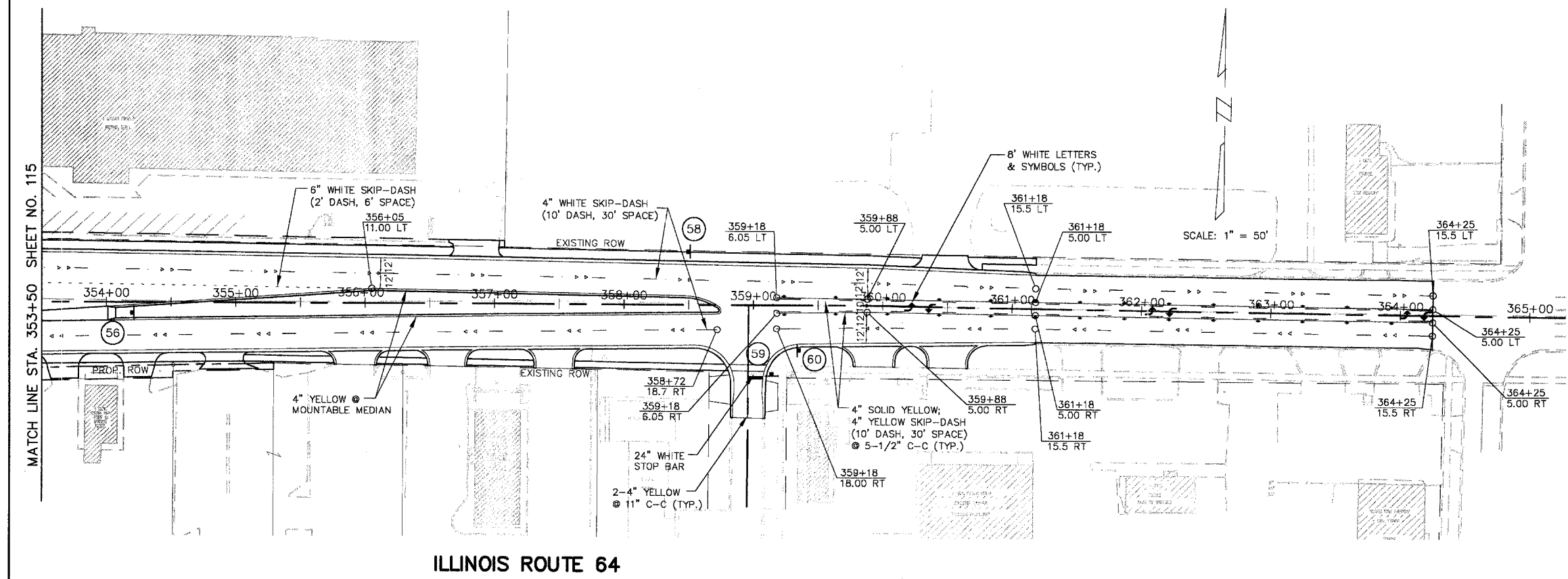
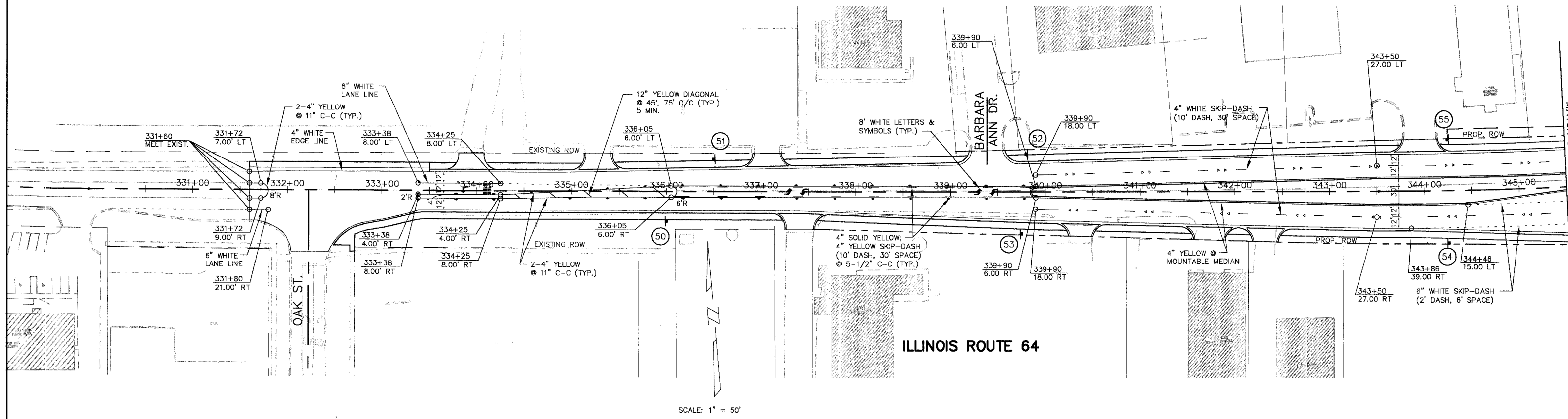
NO.	STATION	OFFSET	SIGN TYPES	SUPPL. INFO.	TOTAL SIGN AREA	POST TYPE	TOTAL POST LENGTH	
21	27+60	45' LT	W10-1	-	3.2	LP	-	
22	29+35	49' RT	W3-3 & W16-8	"IL ROUTE 64 MAIN STREET"	14.0	LP	-	
23	34+30	57' RT	R3-8B	3 THRU	12.5	LP	-	
24	34+30	57' LT	R2-1	"45"	7.5	LP	-	
25	35+50	10' LT	R3-5L (MOD)	-	12.0	2T	20.0	
26	36+58	68' RT	R3-5R	-	7.5	2T	21.0	
27	37+50	57' LT	W4-2R	-	9.0	2T	22.0	
28	346+10	63' RT	R3-5R	-	7.5	1T	10.5	
29	346+75	10' LT	R3-5L (MOD)	-	12.0	2T	19.0	
30	347+75	52' LT	R2-1	"35"	7.5	LP	-	
31	347+75	65' RT	R3-5R	-	7.5	LP	-	
32	NOT USED							-
33	352+40	49' RT	R2-1	"35"	7.5	LP	-	



MATCH LINE STA. 345+50 SHEET NO. 117

Revised 6-8-05

FOR PAVEMENT MARKING AND SIGNING NOTES AND LEGEND. SEE SHEET 113.



SIGN SCHEDULE - STA. 331+60 TO STA. 345+50
 SIGN SCHEDULE - STA. 353+50 TO STA. 364+25

NO.	STATION	OFFSET	SIGN TYPES	SUPPL. INFO.	TOTAL SIGN AREA	POST TYPE	TOTAL POST LENGTH
50	336+00	31' RT	R2-1 & R3-9B	"35"	13.5	2T	27.0
51	336+50	34' LT	W2-2L & W16-8	"OAK STREET"	13.0	2T	27.0
52	339+75	43' LT	R3-9B	-	6.0	LP	-
53	339+75	44' RT	W3-3 & W16-8	"RANDALL ROAD"	14.0	LP	-
54	344+25	55' RT	R3-8B	2 THRU	12.5	LP	-
55	344+25	54' LT	W4-2R	-	9.0	LP	-
56	354+20	8' RT	R3-5L (MOD)	-	12.0	2T	20.0
57	NOT USED						
58	358+50	41' LT	W3-3 & W16-8	"IL ROUTE 64 MAIN STREET"	14.0	LP	-
59	359+14	54' RT	R1-1	-	5.2	1T	10.0
60	359+35	35' RT	R3-9B	-	6.0	1T	10.0

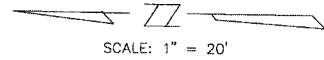
FOR PAVEMENT MARKING AND SIGNING NOTES AND LEGEND. SEE SHEET 113.

Revised 6-8-05

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- EXISTING SIGNAL HEAD TO BE REMOVED
- EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- EXISTING HANDHOLE TO BE REMOVED
- EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- EXISTING PEDESTRIAN PUSHBUTTON TO BE REMOVED
- EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- CONFIRMATION BEACON TO BE REMOVED
- EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

NOTE: EXISTING SIGNAL CONDUITS, LOOP DETECTORS AND MAGNETIC DETECTORS SHALL BE ABANDONED.



AUTO REPAIR SHOP

1 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER AND CABINET COMPLETE

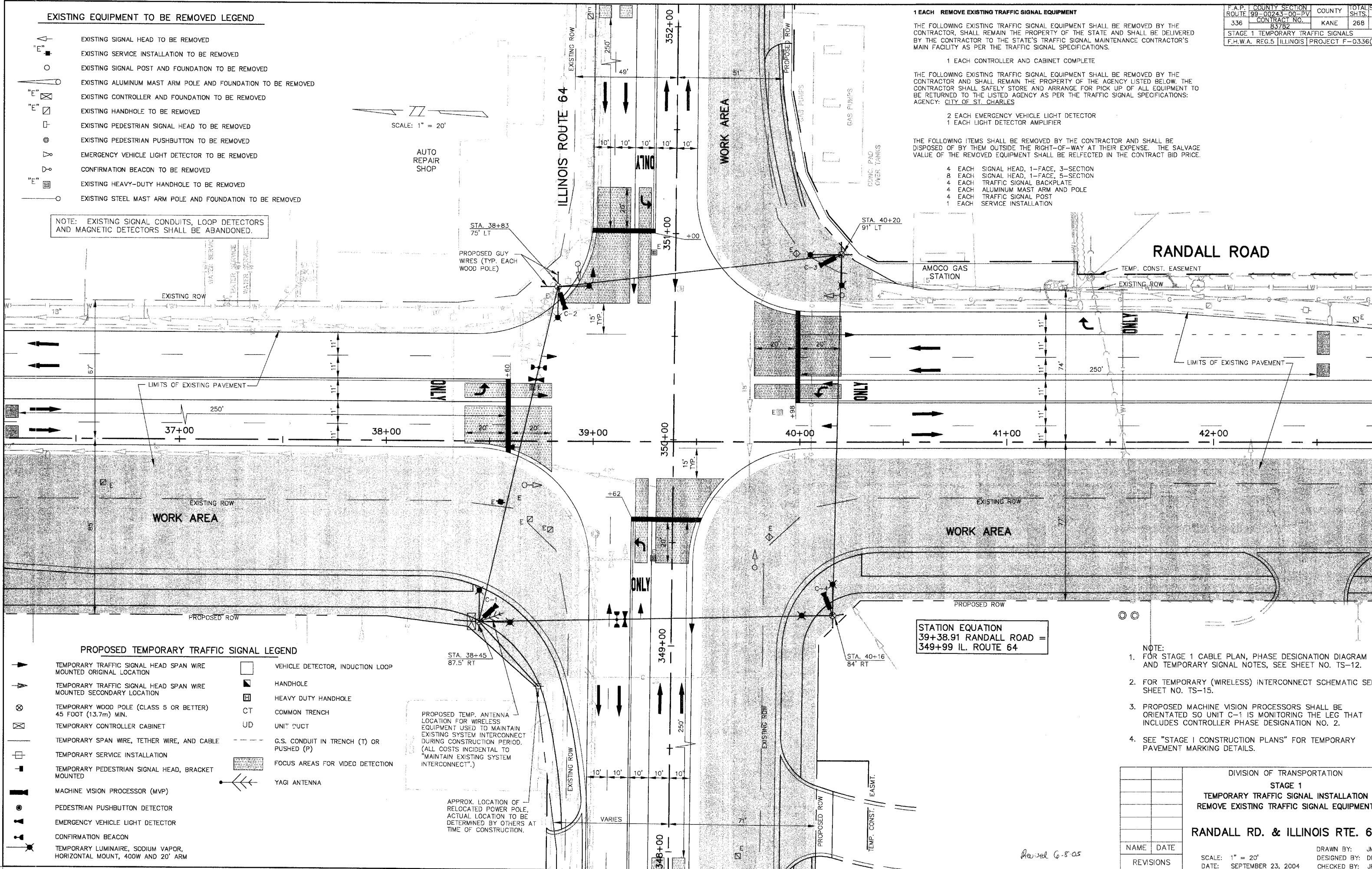
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS: AGENCY: CITY OF ST. CHARLES

2 EACH EMERGENCY VEHICLE LIGHT DETECTOR
 1 EACH LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
 8 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
 4 EACH TRAFFIC SIGNAL BACKPLATE
 4 EACH ALUMINUM MAST ARM AND POLE
 4 EACH TRAFFIC SIGNAL POST
 1 EACH SERVICE INSTALLATION

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHEETS
336	99-00243-00-PV	KANE	26B
CONTRACT NO. 85782		STAGE 1 TEMPORARY TRAFFIC SIGNALS	
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(C)			



PROPOSED TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MIN.
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- MACHINE VISION PROCESSOR (MVP)
- PEDESTRIAN PUSHBUTTON DETECTOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400W AND 20' ARM
- VEHICLE DETECTOR, INDUCTION LOOP
- HANDHOLE
- HEAVY DUTY HANDHOLE
- COMMON TRENCH
- UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- FOCUS AREAS FOR VIDEO DETECTION
- YAGI ANTENNA

PROPOSED TEMP. ANTENNA LOCATION FOR WIRELESS EQUIPMENT USED TO MAINTAIN EXISTING SYSTEM INTERCONNECT DURING CONSTRUCTION PERIOD. (ALL COSTS INCIDENTAL TO "MAINTAIN EXISTING SYSTEM INTERCONNECT".)

APPROX. LOCATION OF RELOCATED POWER POLE. ACTUAL LOCATION TO BE DETERMINED BY OTHERS AT TIME OF CONSTRUCTION.

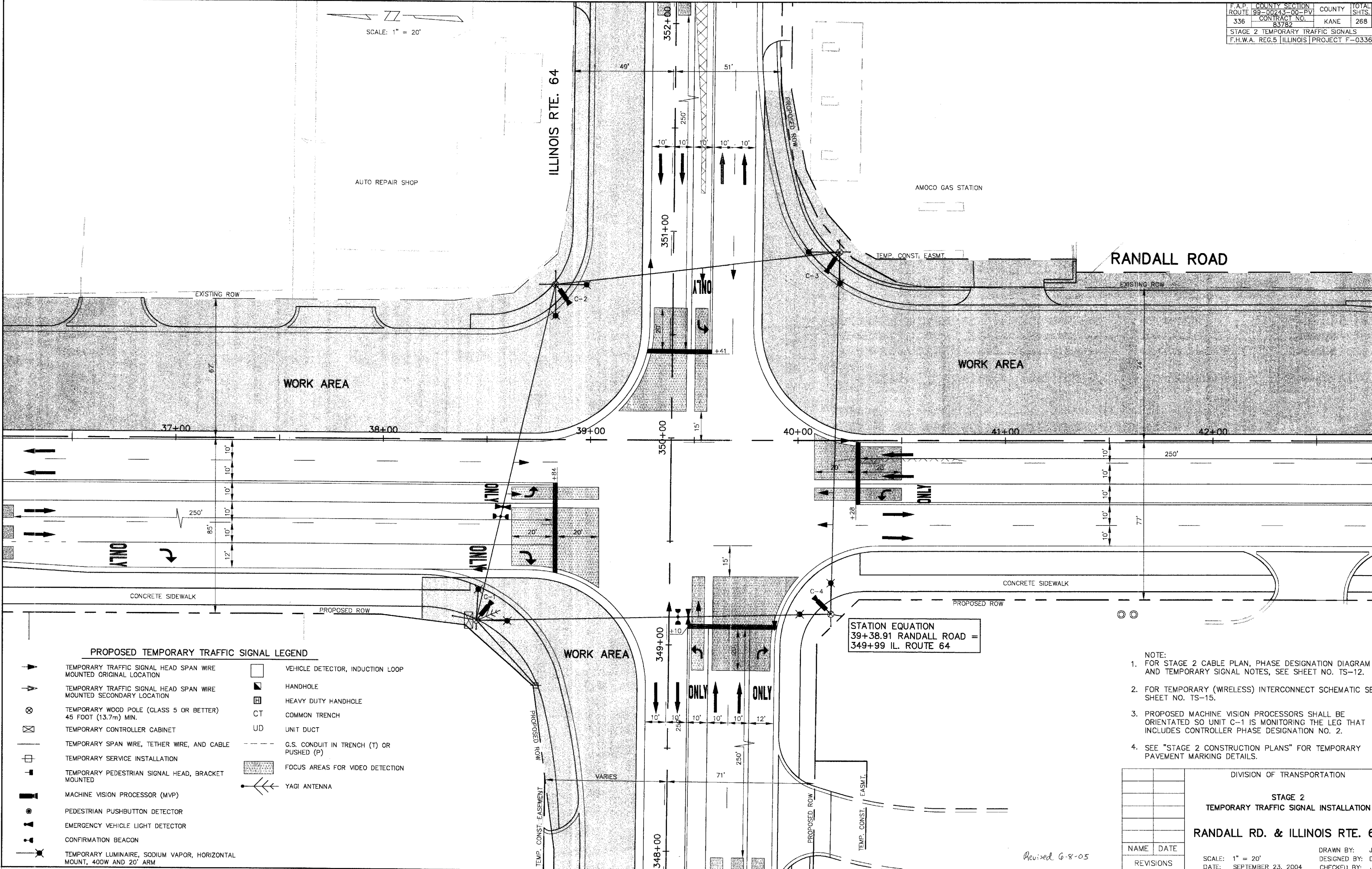
STATION EQUATION
 39+38.91 RANDALL ROAD =
 349+99 IL. ROUTE 64

- NOTE:
- FOR STAGE 1 CABLE PLAN, PHASE DESIGNATION DIAGRAM AND TEMPORARY SIGNAL NOTES, SEE SHEET NO. TS-12.
 - FOR TEMPORARY (WIRELESS) INTERCONNECT SCHEMATIC SEE SHEET NO. TS-15.
 - PROPOSED MACHINE VISION PROCESSORS SHALL BE ORIENTATED SO UNIT C-1 IS MONITORING THE LEG THAT INCLUDES CONTROLLER PHASE DESIGNATION NO. 2.
 - SEE "STAGE I CONSTRUCTION PLANS" FOR TEMPORARY PAVEMENT MARKING DETAILS.

DIVISION OF TRANSPORTATION	
STAGE 1	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	
RANDALL RD. & ILLINOIS RTE. 64	
NAME	DATE
REVISIONS	
DRAWN BY: JMI	
DESIGNED BY: DM	
CHECKED BY: JR	
SCALE: 1" = 20'	
DATE: SEPTEMBER 23, 2004	

Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00245-00-PV	KANE	268
CONTRACT NO. 83782			
STAGE 2 TEMPORARY TRAFFIC SIGNALS			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			



PROPOSED TEMPORARY TRAFFIC SIGNAL LEGEND

- | | | | |
|---|---|-----|--|
| ▲ | TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION | □ | VEHICLE DETECTOR, INDUCTION LOOP |
| ▲ | TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION | ■ | HANDHOLE |
| ⊗ | TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MIN. | ▣ | HEAVY DUTY HANDHOLE |
| ⊠ | TEMPORARY CONTROLLER CABINET | CT | COMMON TRENCH |
| — | TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE | UD | UNIT DUCT |
| ⊕ | TEMPORARY SERVICE INSTALLATION | --- | G.S. CONDUIT IN TRENCH (T) OR PUSHED (P) |
| ▲ | TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED | ■ | FOCUS AREAS FOR VIDEO DETECTION |
| ▲ | MACHINE VISION PROCESSOR (MVP) | ⋈ | YAGI ANTENNA |
| ● | PEDESTRIAN PUSHBUTTON DETECTOR | | |
| ▲ | EMERGENCY VEHICLE LIGHT DETECTOR | | |
| ▲ | CONFIRMATION BEACON | | |
| ▲ | TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400W AND 20' ARM | | |

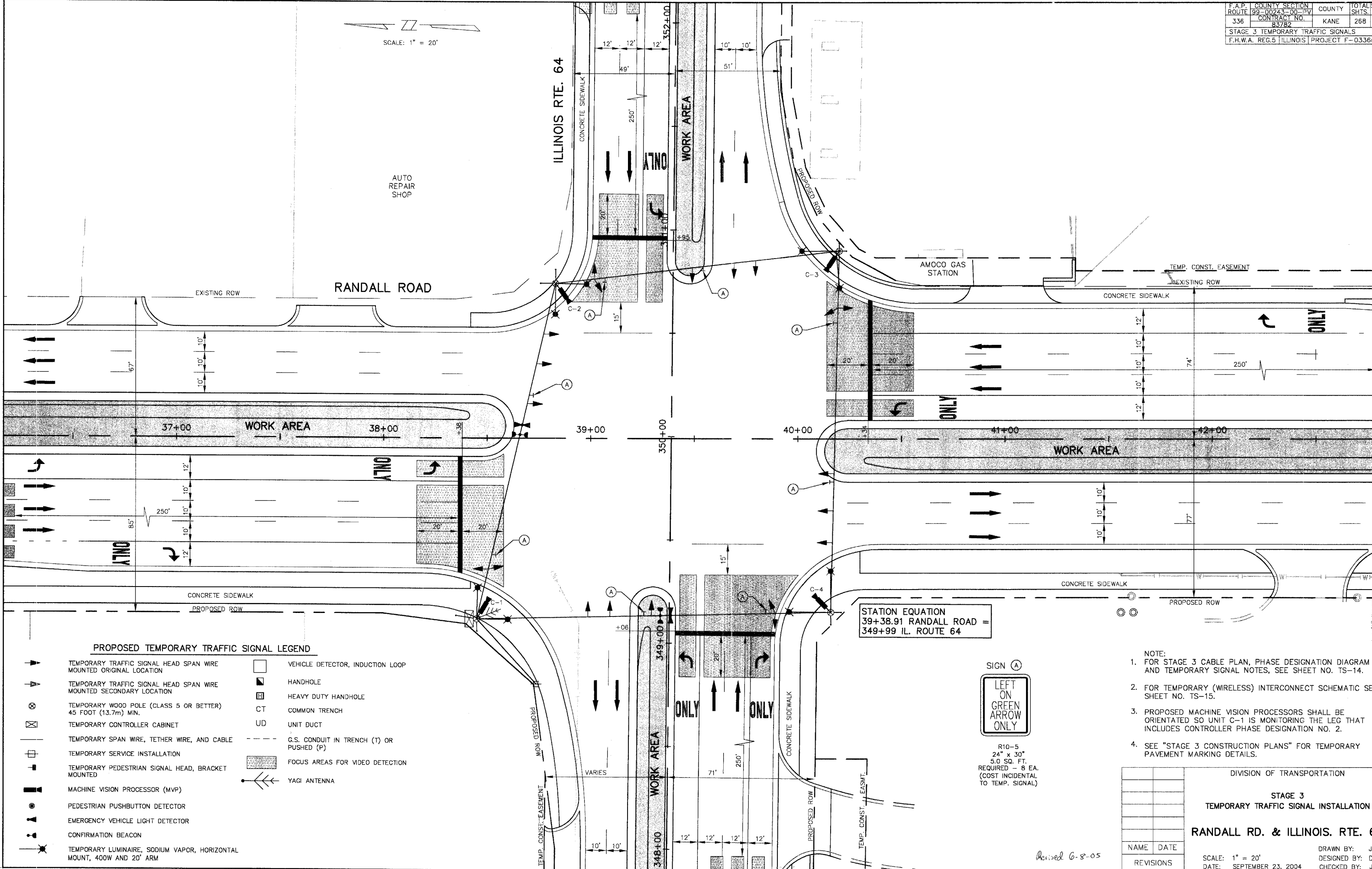
- NOTE:
- FOR STAGE 2 CABLE PLAN, PHASE DESIGNATION DIAGRAM AND TEMPORARY SIGNAL NOTES, SEE SHEET NO. TS-12.
 - FOR TEMPORARY (WIRELESS) INTERCONNECT SCHEMATIC SEE SHEET NO. TS-15.
 - PROPOSED MACHINE VISION PROCESSORS SHALL BE ORIENTATED SO UNIT C-1 IS MONITORING THE LEG THAT INCLUDES CONTROLLER PHASE DESIGNATION NO. 2.
 - SEE "STAGE 2 CONSTRUCTION PLANS" FOR TEMPORARY PAVEMENT MARKING DETAILS.

STATION EQUATION
 39+38.91 RANDALL ROAD =
 349+99 IL. ROUTE 64

DIVISION OF TRANSPORTATION	
STAGE 2 TEMPORARY TRAFFIC SIGNAL INSTALLATION	
RANDALL RD. & ILLINOIS RTE. 64	
NAME	DATE
REVISIONS	
SCALE: 1" = 20'	
DATE: SEPTEMBER 23, 2004	
DRAWN BY: JM	DESIGNED BY: DR
CHECKED BY: JP	

Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTALS SHTS.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782			
STAGE 3 TEMPORARY TRAFFIC SIGNALS			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			



SCALE: 1" = 20'

PROPOSED TEMPORARY TRAFFIC SIGNAL LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION ▼ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MIN. ⊠ TEMPORARY CONTROLLER CABINET — TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE ⊡ TEMPORARY SERVICE INSTALLATION ■ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED ⊞ MACHINE VISION PROCESSOR (MVP) ● PEDESTRIAN PUSHBUTTON DETECTOR ▲ EMERGENCY VEHICLE LIGHT DETECTOR ⊞ CONFIRMATION BEACON ⊞ TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400W AND 20' ARM | <ul style="list-style-type: none"> □ VEHICLE DETECTOR, INDUCTION LOOP ■ HANDHOLE ▣ HEAVY DUTY HANDHOLE CT COMMON TRENCH UD UNIT DUCT - - - G.S. CONDUIT IN TRENCH (T) OR PUSHED (P) ▨ FOCUS AREAS FOR VIDEO DETECTION ⊞ YAGI ANTENNA |
|---|--|

STATION EQUATION
 39+38.91 RANDALL ROAD =
 349+99 IL. ROUTE 64



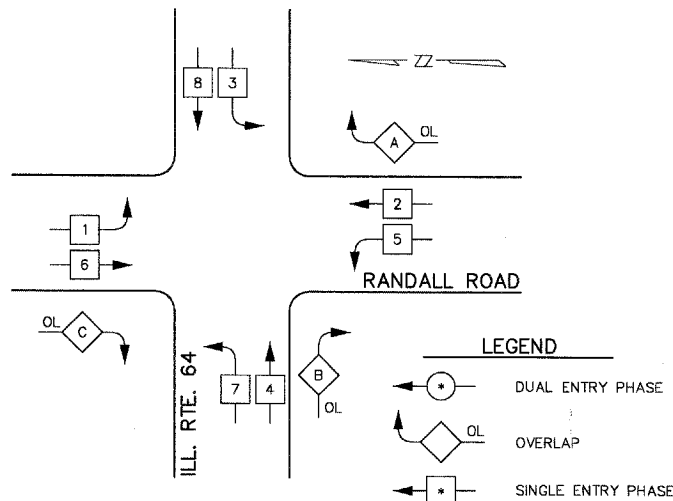
R10-5
 24" x 30"
 5.0 SQ. FT.
 REQUIRED - 8 EA.
 (COST INCIDENTAL TO TEMP. SIGNAL)

- NOTE:
- FOR STAGE 3 CABLE PLAN, PHASE DESIGNATION DIAGRAM AND TEMPORARY SIGNAL NOTES, SEE SHEET NO. TS-14.
 - FOR TEMPORARY (WIRELESS) INTERCONNECT SCHEMATIC SEE SHEET NO. TS-15.
 - PROPOSED MACHINE VISION PROCESSORS SHALL BE ORIENTATED SO UNIT C-1 IS MONITORING THE LEG THAT INCLUDES CONTROLLER PHASE DESIGNATION NO. 2.
 - SEE "STAGE 3 CONSTRUCTION PLANS" FOR TEMPORARY PAVEMENT MARKING DETAILS.

DIVISION OF TRANSPORTATION	
STAGE 3 TEMPORARY TRAFFIC SIGNAL INSTALLATION	
RANDALL RD. & ILLINOIS. RTE. 64	
NAME	DATE
REVISIONS	
SCALE: 1" = 20' DATE: SEPTEMBER 23, 2004	
DRAWN BY: JM	CHECKED BY: JR
DESIGNED BY: DA	

Revised 6-8-05

STAGE 3 TEMPORARY TRAFFIC SIGNAL CONTROLLER SEQUENCE

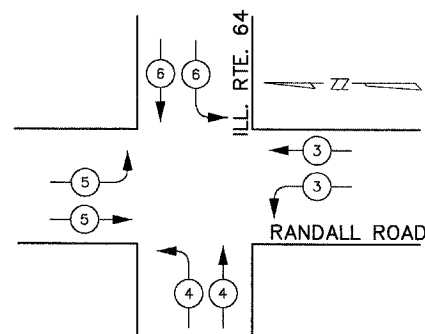


PHASE DESIGNATION DIAGRAM

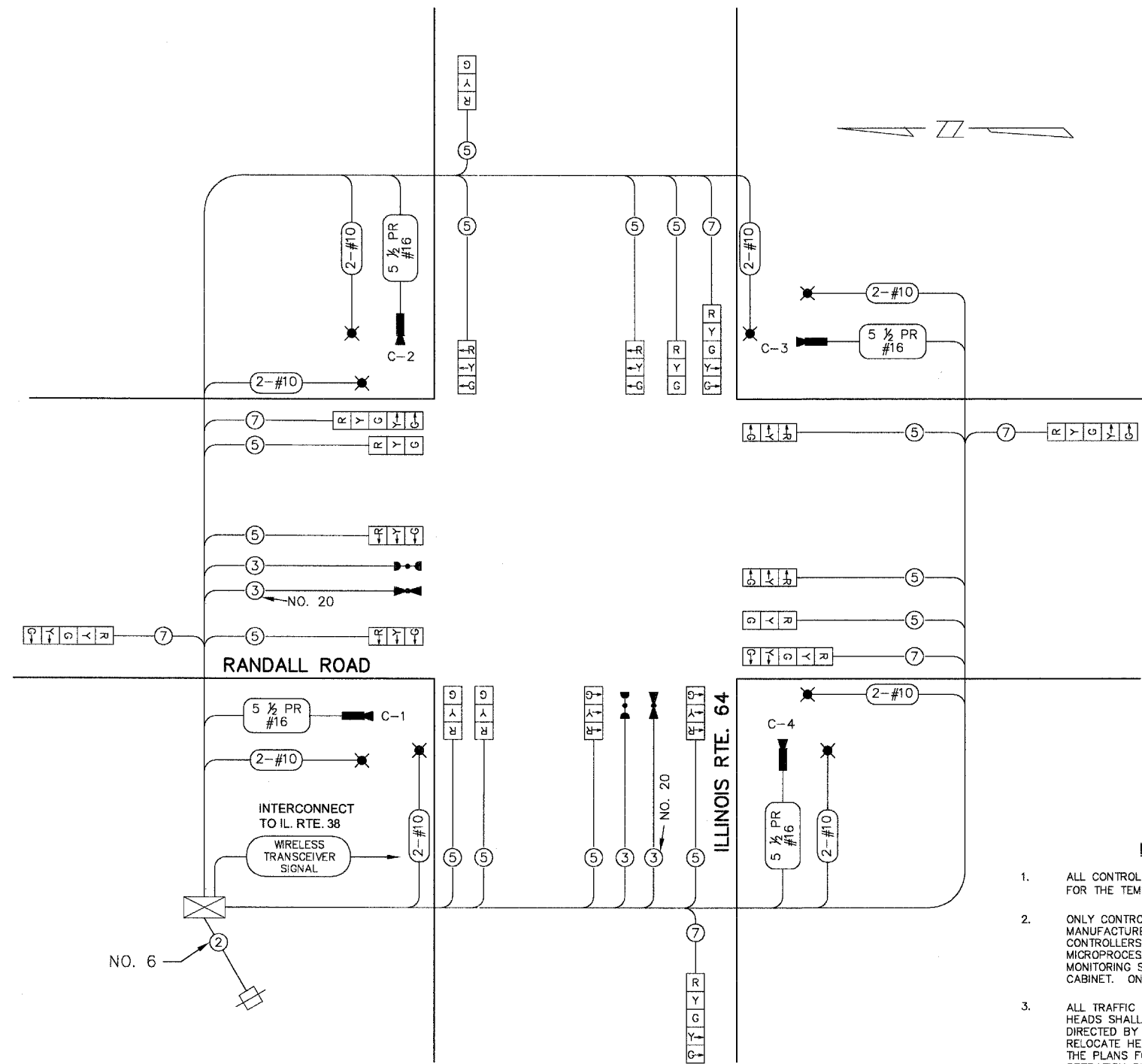
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	
B	= 4 + 5	
C	= 6 + 7	

* NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY TRAFFIC SIGNAL EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	↖	↗	↘	↙



STAGE 3 TEMPORARY TRAFFIC SIGNAL CABLE PLAN

TEMPORARY CABLE PLAN LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION 12"
- [X] TEMPORARY CONTROLLER
- [+] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- [E] EMERGENCY VEHICLE LIGHT DETECTOR
- [B] CONFIRMATION BEACON
- [] VEHICLE DETECTOR, INDUCTION LOOP
- [●] PEDESTRIAN PUSHBUTTON DETECTOR
- [P] 12" PEDESTRIAN SIGNAL SECTION
- [M] MACHINE VISION PROCESSOR (MVP)
- [*] TEMPORARY LUMINAIRE, S.V. 400 W

NOTES FOR TEMPORARY TRAFFIC SIGNAL

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12" (300mm) HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- ALL TEMPORARY SIGNAL HEADS SHALL USE INCANDESCENT BULBS.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	x WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	20	135	17	0.50	1350.0
(YELLOW)	20	135	28	0.25	675.0
(GREEN)	20	135	18	0.25	675.0
ARROW	12	135	12	0.10	162.0
PED. SIGNAL		90	28	1.00	0.0
CONTROLLER	1	100		1.00	100.0
ILLUM. SIGN		84		0.05	0.0
VIDEO DETECT	4	23	28	1.00	92.0
LUMINAIRE	8	400		0.50	1600.0
FLASHER				0.50	
ENERGY COSTS TO: TOTAL =					4654.0

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING SYSTEM.

DIVISION OF TRANSPORTATION
 STAGE 3
 TEMPORARY TRAFFIC SIGNAL CABLE PLAN
 PHASE DESIGNATION DIAGRAM
RANDALL RD. & ILLINOIS RTE. 64

NAME	DATE
REVISIONS	

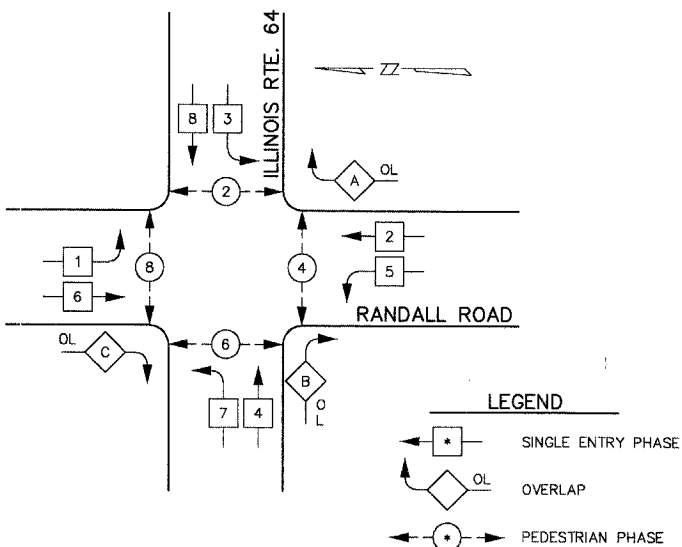
SCALE: NONE
 DATE: SEPTEMBER 23, 2004

DRAWN BY: JM
 DESIGNED BY: DN
 CHECKED BY: JR

Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782		PROJECT F-0336(0)	

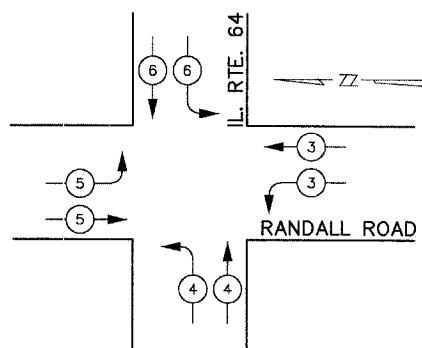
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
C	= 6	+ 7

EMERGENCY VEHICLE PREEMPTION SEQUENCE

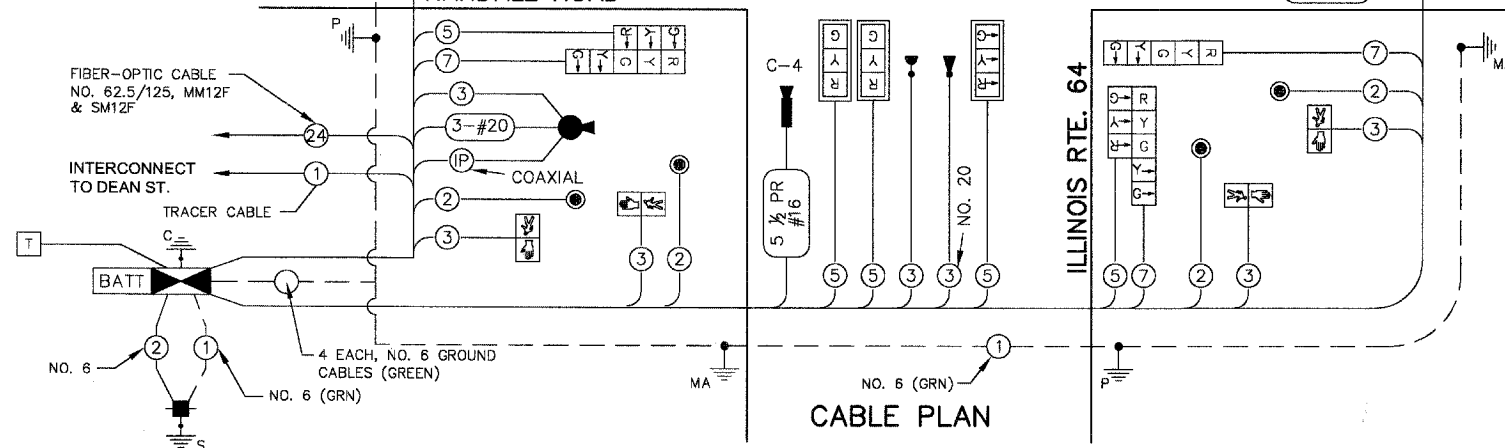


EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	[Symbol]	[Symbol]	[Symbol]	[Symbol]

TYPE	NO. LAMPS	x WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	22	125	17	0.50	167.0
(YELLOW)	22	125	25	0.25	137.5
(GREEN)	22	125	15	0.25	82.5
ARROW	12	125	12	0.10	14.4
PED. SIGNAL	8	25	25	1.00	200.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
VIDEO DETECT	5	23	23	1.00	115.0
FLASHER				0.50	
ENERGY COSTS TO	TOTAL =				836.4

FOUNDATION	DEPTH FT. (m)	CABLE SLACK	FT. (m)	VERTICAL CABLE	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - D-CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-L-2=
E - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m-L-0.6m)
<30' MA 30" (750mm) DIA.	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
<40' MA 30" (750mm) DIA.	13.5 (4.1)	FIBER OPTIC	13 (4.0)	PED. PUSH-BUTTON	4 (1.2)
<40' MA 36" (900mm) DIA.	11 (3.4)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
<50' MA 36" (900mm) DIA.	13 (4.0)	GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
≥50' MA 36" (900mm) DIA.	15 (4.6)			POST MOUNTED	6(1.8)

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.



SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM
55	SQ FT	SIGN PANEL - TYPE 1
25	SQ FT	SIGN PANEL - TYPE 2
115	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
200	FOOT	CONDUIT IN TRENCH, 2-1/2" DIA., GALVANIZED STEEL
180	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
800	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
5	EACH	DOUBLE HANDHOLE
465	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
1	EACH	VIDEO DETECTION SYSTEM (FULL INTERSECTION)
1	EACH	REMOTE-CONTROLLED VIDEO SYSTEM
1	EACH	VIDEO TRANSMISSION SYSTEM
1	EACH	TRANSCIVER - FIBER OPTIC
1933	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C
3215	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C
4215	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C
1880	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 7C
1140	FOOT	ELECTRICAL CABLE IN CONDUIT, COMMUNICATION NO. 16, 5.5 PAIR
126	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
966	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C
1280	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED, SHIELDED
85	FOOT	ELECTRIC CABLE IN CONDUIT, COAXIAL

QTY	UNIT	ITEM
4	EACH	TRAFFIC SIGNAL POST, PAINTED STEEL 18 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. WITH DUAL 15 FT. LIGHTING ARMS AT 45 M.H.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT. WITH DUAL 15 FT. LIGHTING ARMS AT 45 M.H.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. WITH DUAL 15 FT. LIGHTING ARMS AT 45 M.H.
19	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE D
60	FOOT	CONCRETE FOUNDATION, TYPE E 36" DIAMETER
12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED ALUMINUM
4	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
13	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
11	EACH	SIGNAL HEAD, POLY. L.E.D., 1-FACE, 3-SECTION, MAST ARM MTD
2	EACH	SIGNAL HEAD, POLY. L.E.D., 1-FACE, 5-SECTION, BRACKET MTD
1	EACH	SIGNAL HEAD, POLY. L.E.D., 1-FACE, 5-SECTION, MAST ARM MTD
1	EACH	SIGNAL HEAD, POLY. L.E.D., 2-FACE, 3-SEC, BRACKET MTD
3	EACH	SIGNAL HEAD, POLY. L.E.D., 2-FACE, 1-3 SEC., 1-5 SEC., BRACKET MTD
8	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED
1	EACH	SERVICE INSTALLATION, GROUND MOUNTED

* 100% TO BE PAID BY CITY OF ST. CHARLES

Revised 6-8-05

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	8" (200mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	UNINTERRUPTIBLE POWER SUPPLY
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	TELEPHONE CONNECTION
[Symbol]	[Symbol]	MAGNETIC DETECTOR
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	PUSHBUTTON DETECTOR
[Symbol]	[Symbol]	VEHICLE DETECTOR, INDUCTION LOOP
[Symbol]	[Symbol]	2 DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED ALL LOOP DETECTOR CABLE TO BE SHIELDED
[Symbol]	[Symbol]	1 GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
[Symbol]	[Symbol]	24 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F & SM12F
[Symbol]	[Symbol]	IP SINGLE PAIR IN COAXIAL CABLE
[Symbol]	[Symbol]	MACHINE VISION PROCESSOR (MVP)
[Symbol]	[Symbol]	DOME CAMERA (PTZ)
[Symbol]	[Symbol]	SIGNAL FACE WITH BACK PLATE, "P" INDICATES PROGRAMMED HEAD.
[Symbol]	[Symbol]	RAILROAD CONTROL CABINET
[Symbol]	[Symbol]	ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
[Symbol]	[Symbol]	ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
[Symbol]	[Symbol]	H/C GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER
[Symbol]	[Symbol]	P GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
[Symbol]	[Symbol]	S GROUND ROD AT ELECTRIC SERVICE INSTALLATION

PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE ONLY EAGLE BRAND OF CONTROLLERS & AUTO-SCOPE BRAND OF VIDEO VEHICLE DETECTION EQUIPMENT SO AS TO MATCH EXISTING SYSTEMS OR LOCAL STANDARDS.

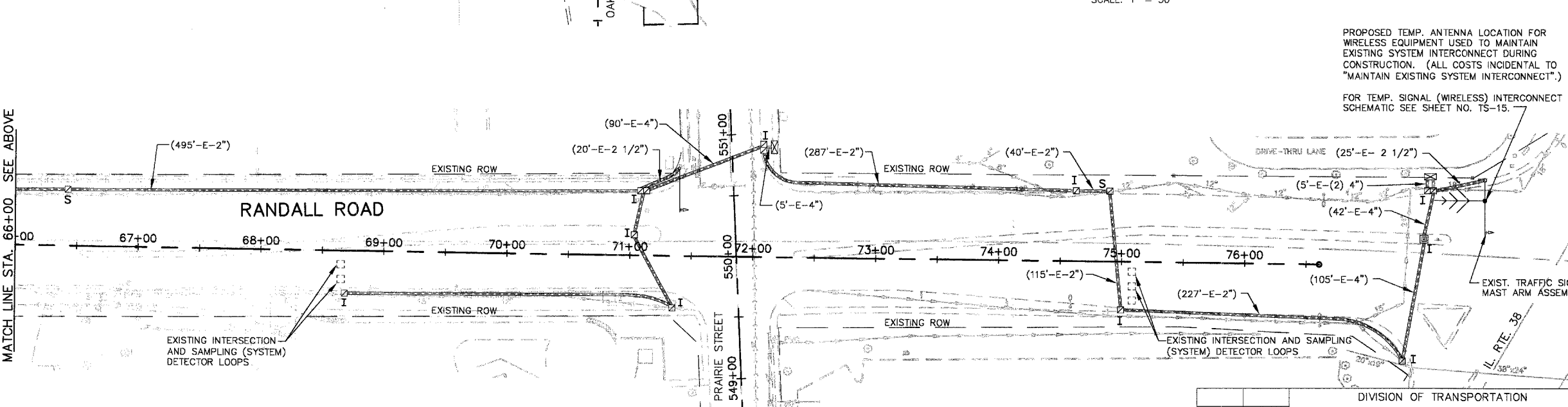
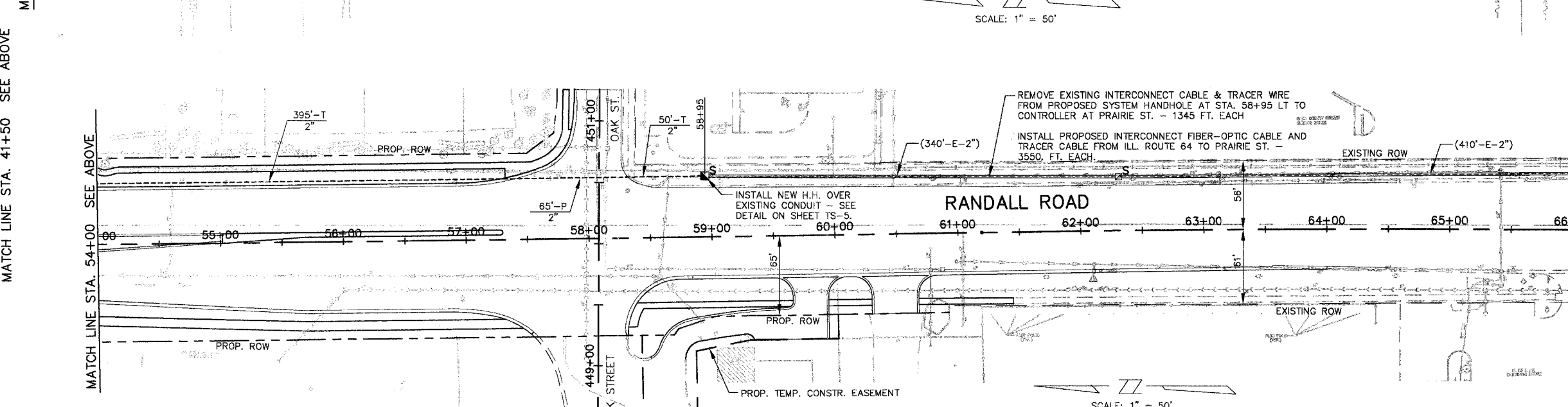
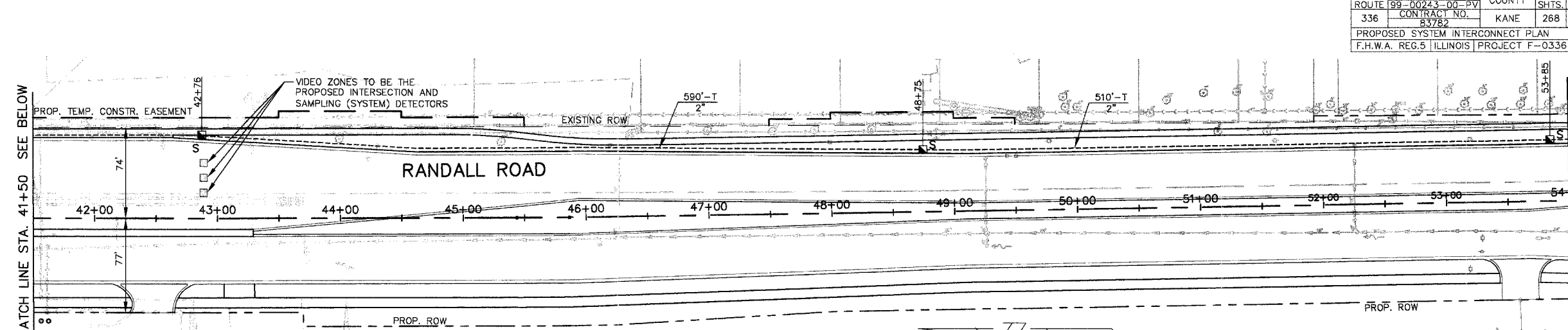
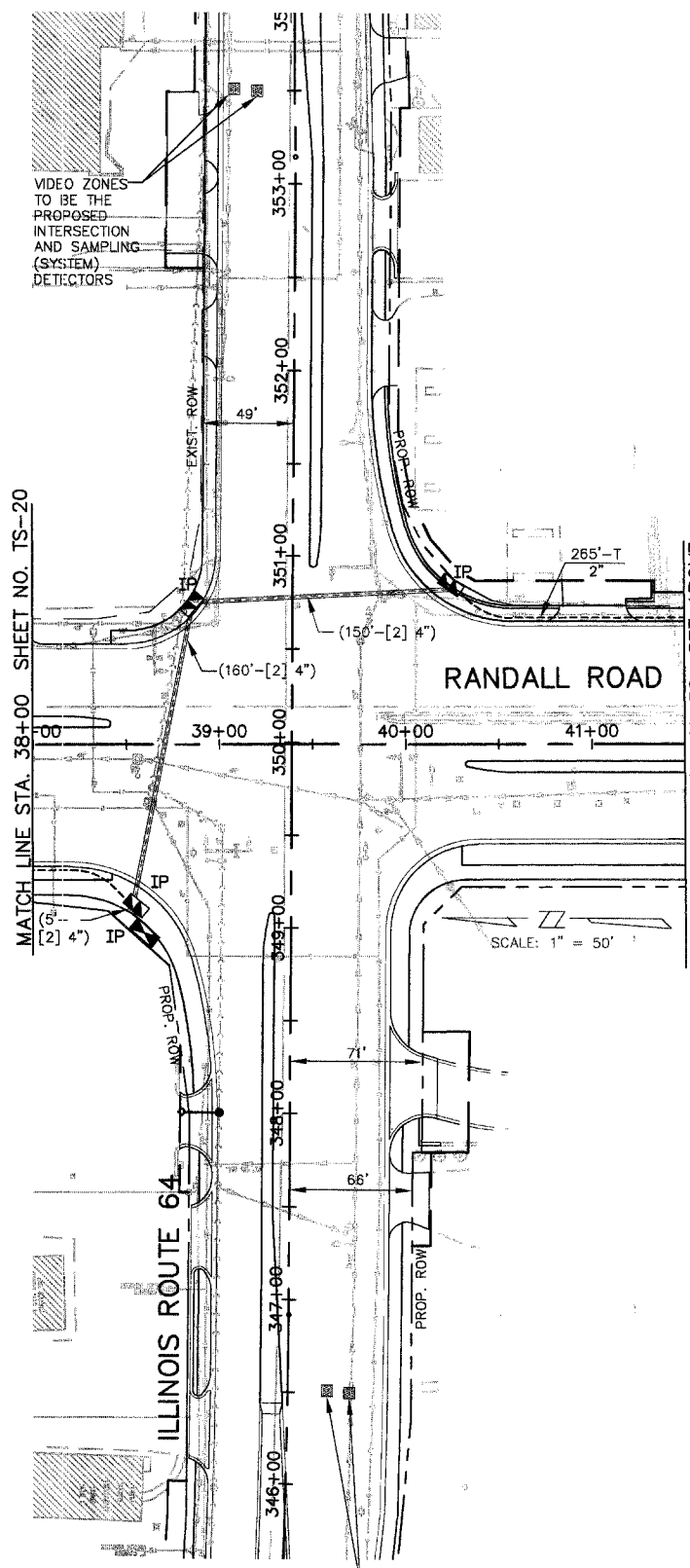
NAME	DATE	REVISIONS

RANDALL RD. & ILLINOIS RTE. 64

DIVISION OF TRANSPORTATION
 CABLE PLAN
 PHASE DESIGNATION DIAGRAM
 SCHEDULE OF QUANTITIES

SCALE: NONE
 DATE: SEPTEMBER 23, 2004
 DRAWN BY: JMH
 DESIGNED BY: DM
 CHECKED BY: JRL

F.A.P. COUNTY SECTION	ROUTE 99-00243-00-PV	COUNTY	TOTALS
336	CONTRACT NO. 83782	KANE	268
PROPOSED SYSTEM INTERCONNECT PLAN			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			



PROPOSED TEMP. ANTENNA LOCATION FOR WIRELESS EQUIPMENT USED TO MAINTAIN EXISTING SYSTEM INTERCONNECT DURING CONSTRUCTION. (ALL COSTS INCIDENTAL TO "MAINTAIN EXISTING SYSTEM INTERCONNECT").
 FOR TEMP. SIGNAL (WIRELESS) INTERCONNECT SCHEMATIC SEE SHEET NO. TS-15.
































DIVISION OF TRANSPORTATION	
PROPOSED SYSTEM INTERCONNECT PLAN (STA. 38+00 TO STA. 75+00)	
SHEET 2 OF 3	
RANDALL ROAD	
NAME	DATE
REVISIONS	

NOTE:
 FOR INTERCONNECT PLAN LEGEND
 SEE SHEET NO. TS-20.

SCALE: 1" = 50'
 DATE: SEPTEMBER 23, 2004
 DRAWN BY: JM
 DESIGNED BY: DN
 CHECKED BY: JR

Revised 6-8-05

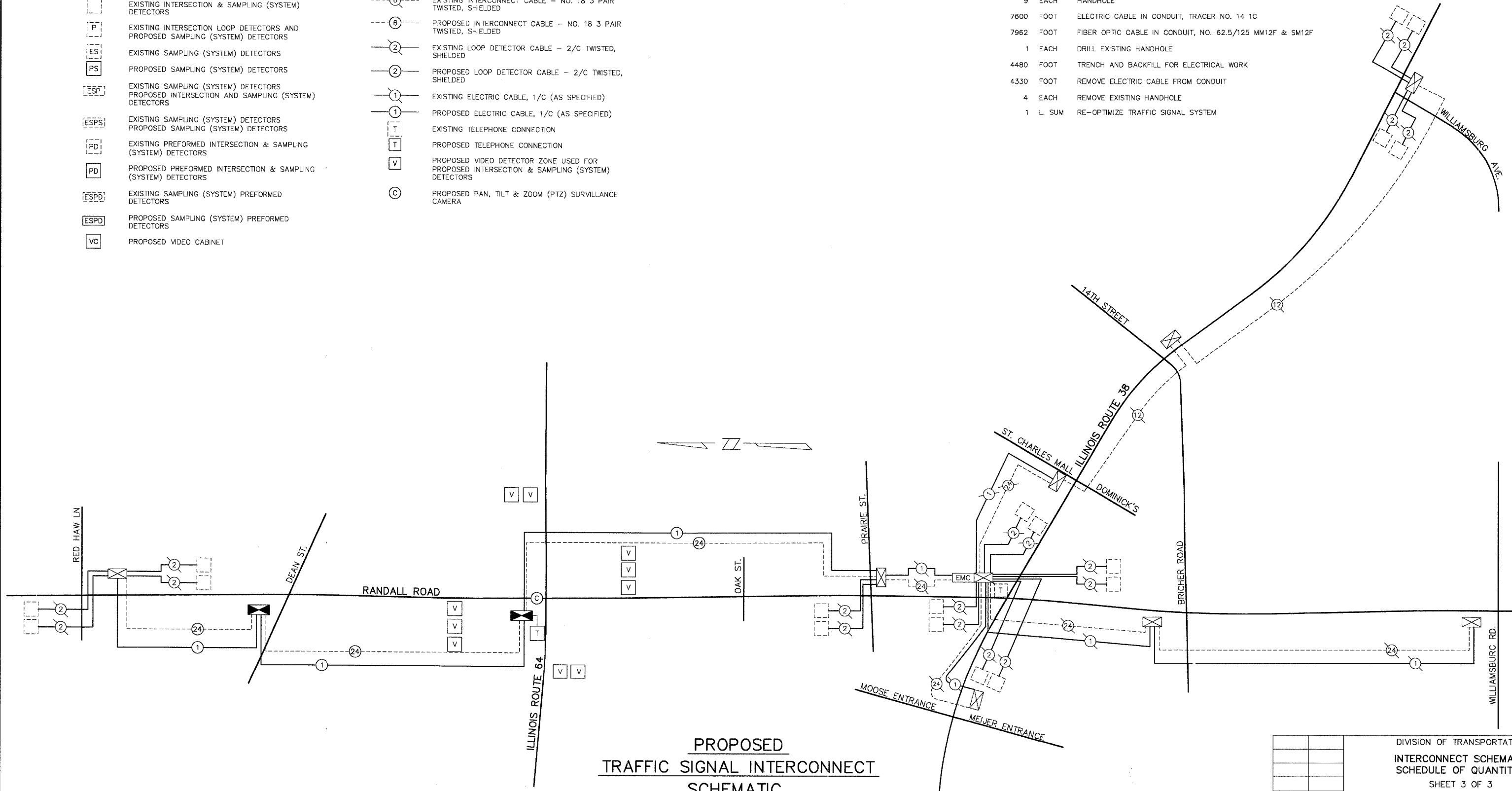
INTERCONNECT SCHEMATIC LEGEND

-  PROPOSED INTERSECTION CONTROLLER
-  EXISTING INTERSECTION CONTROLLER
-  PROPOSED MASTER CONTROLLER
-  EXISTING MASTER CONTROLLER
-  MASTER MASTER CONTROLLER
-  PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING INTERSECTION LOOP DETECTORS AND PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS
-  PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS
-  PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS
-  PROPOSED VIDEO CABINET
-  EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
-  PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5 / 125, MM12F SM12F
-  EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
-  PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
-  EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
-  PROPOSED LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
-  EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)
-  PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)
-  EXISTING TELEPHONE CONNECTION
-  PROPOSED TELEPHONE CONNECTION
-  PROPOSED VIDEO DETECTOR ZONE USED FOR PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED PAN, TILT & ZOOM (PTZ) SURVILLANCE CAMERA

TRAFFIC SIGNAL INTERCONNECT SCHEDULE OF QUANTITIES

4480	FOOT	CONDUIT IN TRENCH, 2" DIA., GLVANIZED STEEL
65	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
30	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
9	EACH	HANDHOLE
7600	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
7962	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F
1	EACH	DRILL EXISTING HANDHOLE
4480	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
4330	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
4	EACH	REMOVE EXISTING HANDHOLE
1	L. SUM	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782			
INTERCONNECT SCHEMATIC			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			



PROPOSED TRAFFIC SIGNAL INTERCONNECT SCHEMATIC

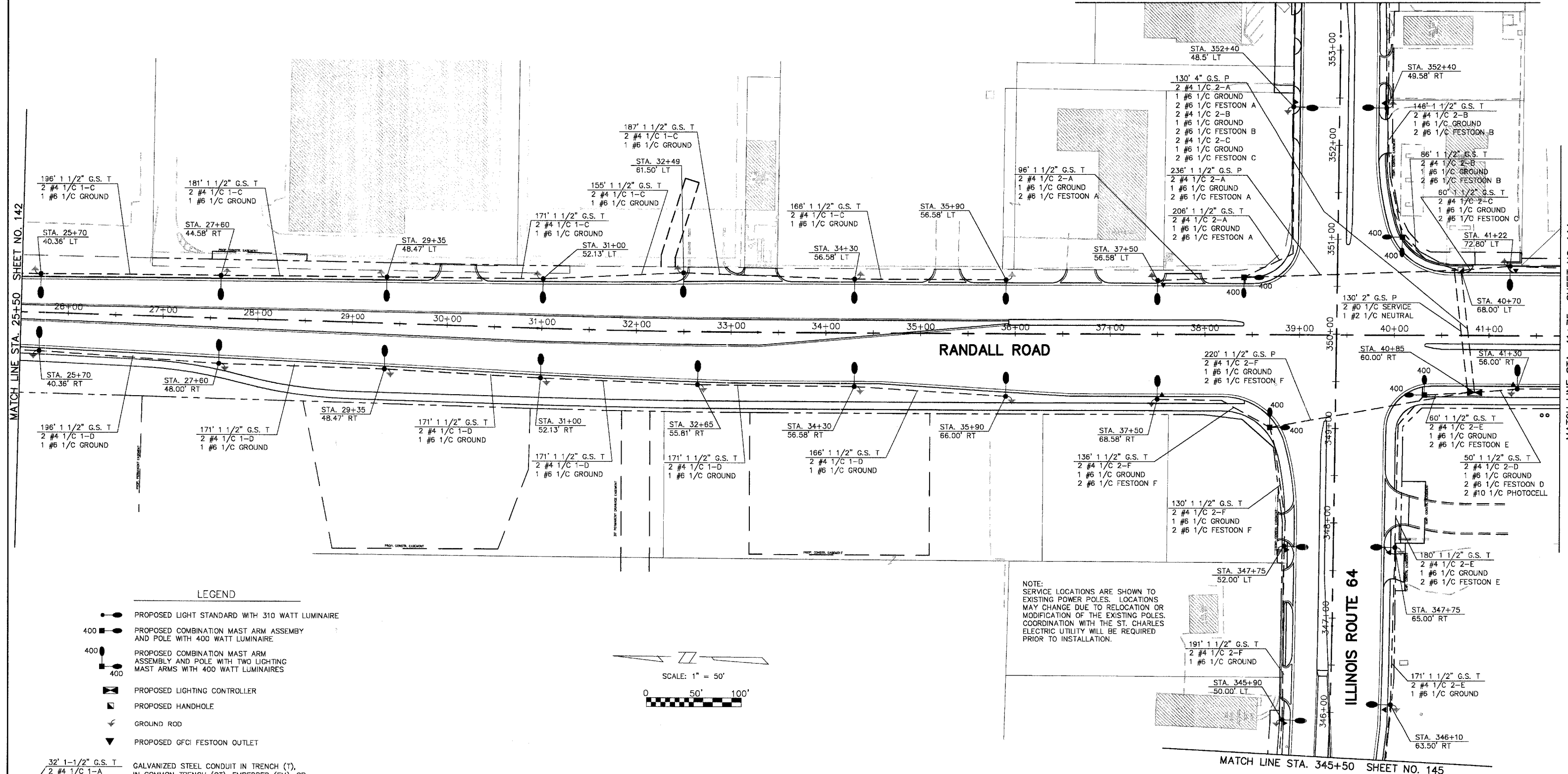
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING SYSTEM.

Revised 10-8-05

DIVISION OF TRANSPORTATION	
INTERCONNECT SCHEMATIC	
SCHEDULE OF QUANTITIES	
SHEET 3 OF 3	
RANDALL ROAD	
(FROM RED HAW LANE TO WILLIAMSBURG ROAD)	
NAME	DATE
REVISIONS	
SCALE: NONE	DRAWN BY: JM
DATE: SEPTEMBER 23, 2004	DESIGNED BY: DJ
	CHECKED BY: JP

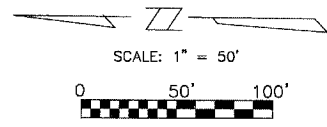
F.A.P. COUNTY SECTION	COUNTY	TOTALS
ROUTE 199-00243-00-PV	KANE	SHTS.
336 CONTRACT NO.		268
LIGHTING PLAN		
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336		

MATCH LINE STA. 353+50 SHEET NO. 145



LEGEND

- PROPOSED LIGHT STANDARD WITH 310 WATT LUMINAIRE
- PROPOSED COMBINATION MAST ARM ASSEMBLY AND POLE WITH 400 WATT LUMINAIRE
- PROPOSED COMBINATION MAST ARM ASSEMBLY AND POLE WITH TWO LIGHTING MAST ARMS WITH 400 WATT LUMINAIRES
- PROPOSED LIGHTING CONTROLLER
- PROPOSED HANDHOLE
- GROUND ROD
- PROPOSED GFCI FESTOON OUTLET



NOTE:
 SERVICE LOCATIONS ARE SHOWN TO EXISTING POWER POLES. LOCATIONS MAY CHANGE DUE TO RELOCATION OR MODIFICATION OF THE EXISTING POLES. COORDINATION WITH THE ST. CHARLES ELECTRIC UTILITY WILL BE REQUIRED PRIOR TO INSTALLATION.

- GALVANIZED STEEL CONDUIT IN TRENCH (T), IN COMMON TRENCH (CT), EMBEDDED (EM), OR PUSHED (P) OF THE SIZE SPECIFIED WITH THE NUMBER AND SIZE OF CABLES SPECIFIED. CONDUIT LENGTHS INCLUDE 3 FEET OF VERTICAL CONDUIT AT EACH LIGHT STANDARD.
- EXISTING LIGHT STANDARD
- EXISTING LIGHT STANDARD TO BE REMOVED

MATCH LINE STA. 345+50 SHEET NO. 145

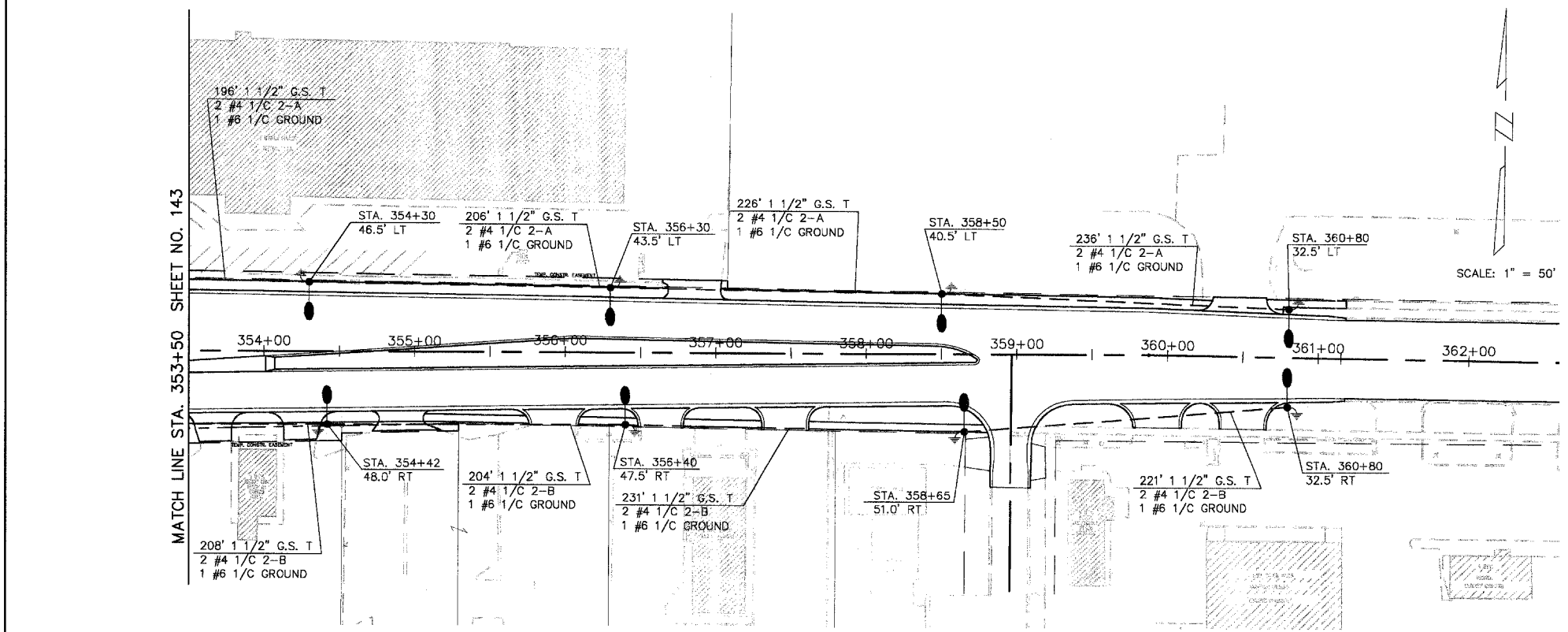
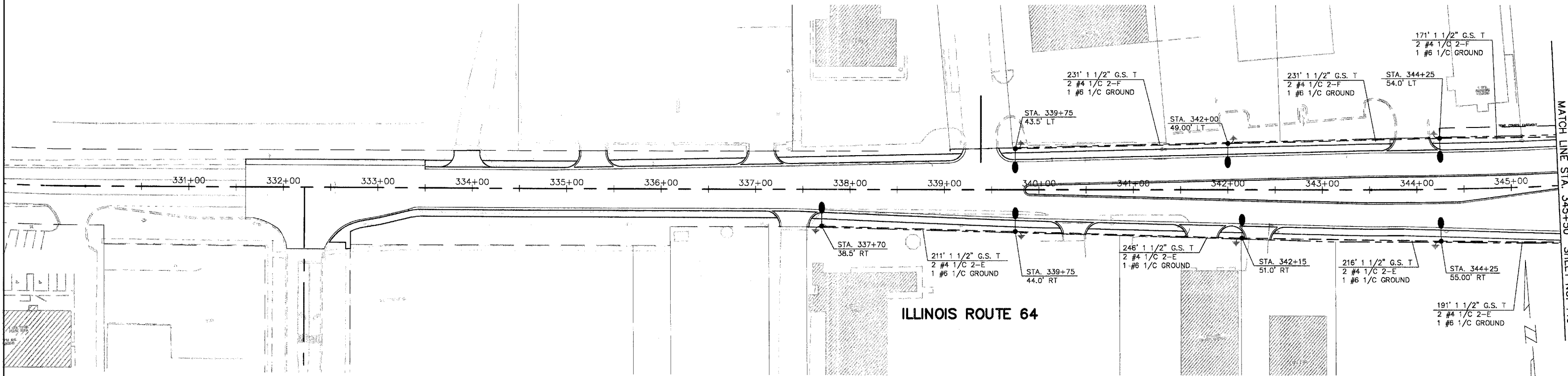
REVISIONS	
NAME	DATE
PER BEO REVIEW	10-7-04
PER BEO REVIEW	12-29-04

STREET LIGHTING PLAN
 STATION 25+50 TO 41+75
RANDALL ROAD

SCALE: AS SHOWN
 DATE: 5-26-04
 DRAWN BY: JMH
 CHECKED BY: DA

Revised 6-8-05

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHTS.
99-00243-00-PV		KANE	268
336	CONTRACT NO.		
	B3782		
LIGHTING PLAN			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(O)			



LEGEND

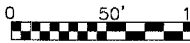
- PROPOSED LIGHT STANDARD WITH 310 WATT LUMINAIRE
- 400 ● PROPOSED COMBINATION MAST ARM ASSEMBLY AND POLE WITH 400 WATT LUMINAIRE
- 400 ● PROPOSED COMBINATION MAST ARM ASSEMBLY AND POLE WITH TWO LIGHTING MAST ARMS WITH 400 WATT LUMINAIRES
- PROPOSED LIGHTING CONTROLLER
- PROPOSED HANDHOLE
- ⚡ GROUND ROD
- ▼ PROPOSED GFCI FESTOON OUTLET

32' 1-1/2" G.S. T
 2 #4 1/C 1-A
 1 #6 1/C GROUND

GALVANIZED STEEL CONDUIT IN TRENCH (T), IN COMMON TRENCH (CT), EMBEDDED (EM), OR PUSHED (P) OF THE SIZE SPECIFIED WITH THE NUMBER AND SIZE OF CABLES SPECIFIED. CONDUIT LENGTHS INCLUDE 3 FEET OF VERTICAL CONDUIT AT EACH LIGHT STANDARD.

- EXISTING LIGHT STANDARD
- ✂ EXISTING LIGHT STANDARD TO BE REMOVED

SCALE: 1" = 50'



MATCH LINE STA. 353+50 SHEET NO. 143

REVISIONS	
NAME	DATE
PER BEO REVIEW	10-7-04

STREET LIGHTING PLAN

STATION 330+00 TO 360+00

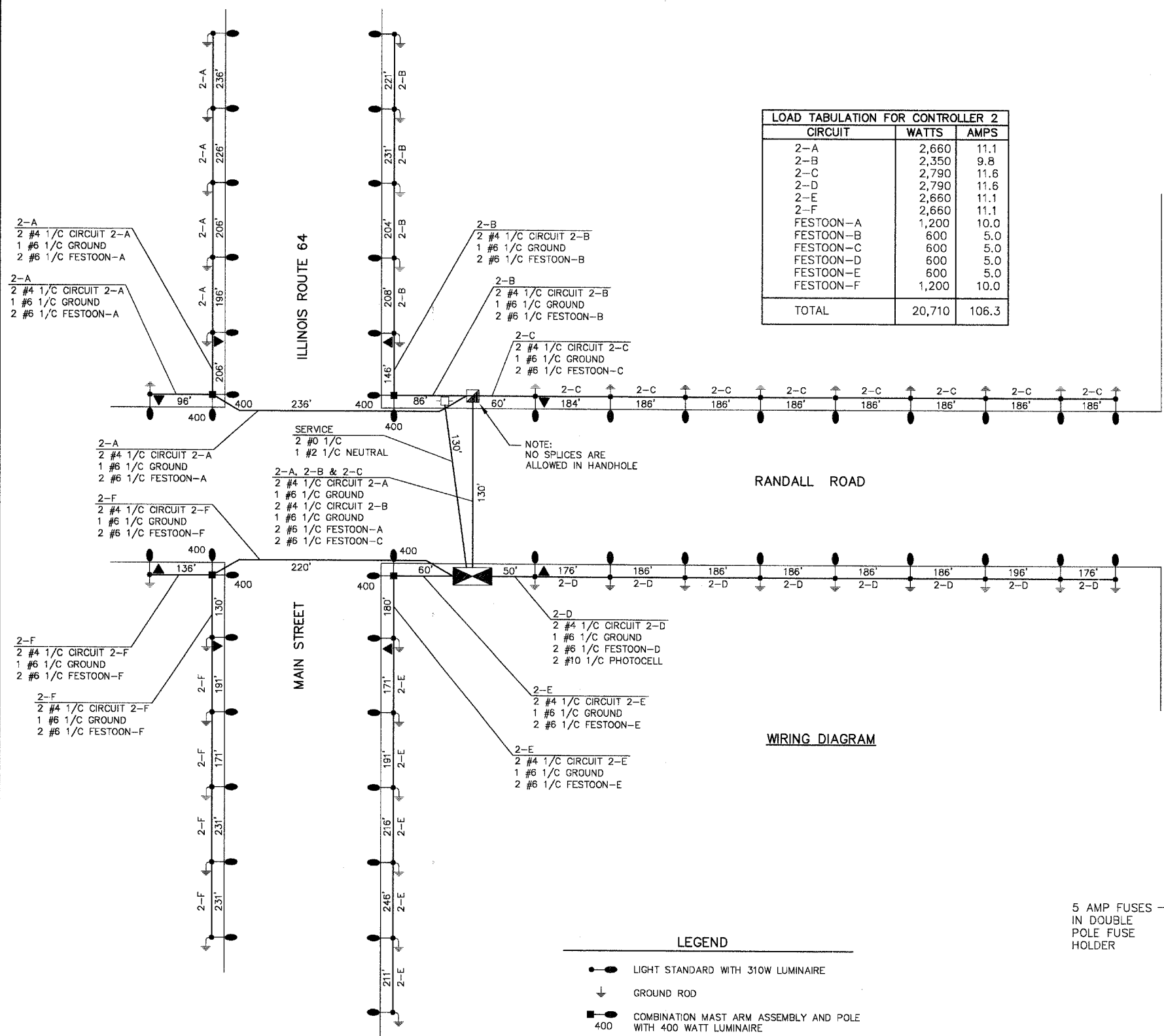
MAIN STREET (ILLINOIS ROUTE 64)

SCALE: AS SHOWN DRAWN BY: JMH
 DATE: 5-26-04 CHECKED BY: DAY

Revised 6-8-05

F.A.P. COUNTY SECTION	COUNTY	TOTALS
ROUTE 99-00243-00-PV	KANE	SHTS.
CONTRACT NO. 83782		288
LIGHTING DETAILS		
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336		

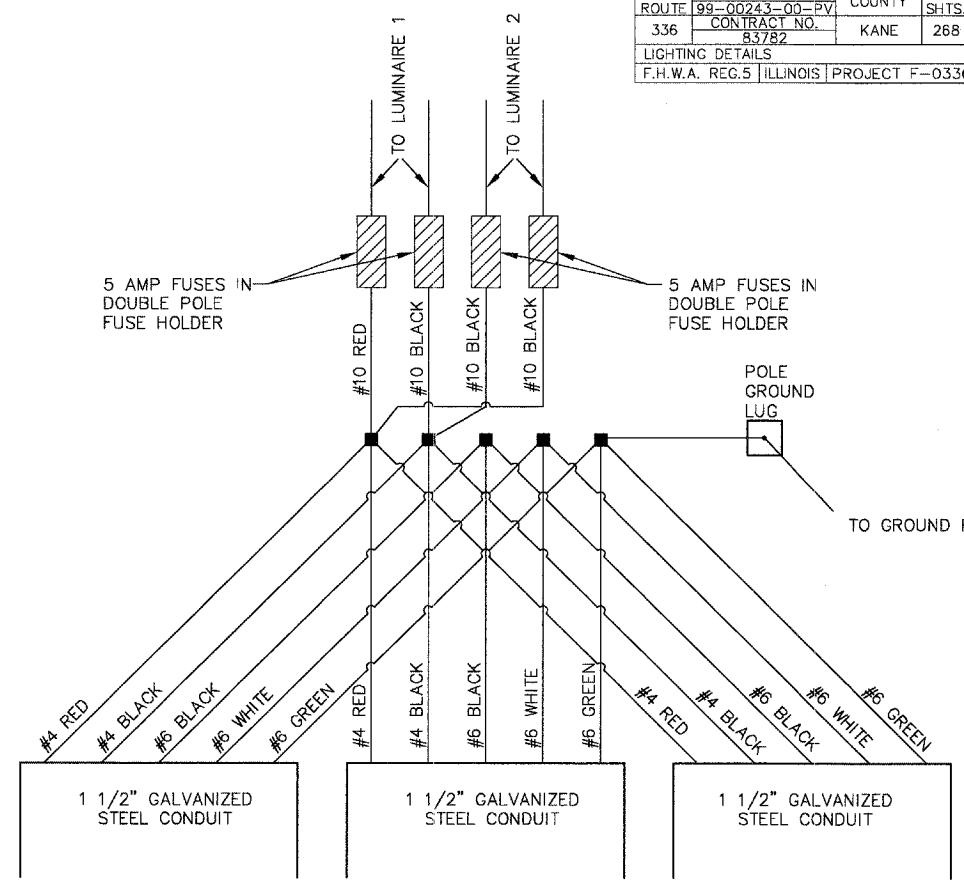
CIRCUIT	WATTS	AMPS
2-A	2,660	11.1
2-B	2,350	9.8
2-C	2,790	11.6
2-D	2,790	11.6
2-E	2,660	11.1
2-F	2,660	11.1
FESTOON-A	1,200	10.0
FESTOON-B	600	5.0
FESTOON-C	600	5.0
FESTOON-D	600	5.0
FESTOON-E	600	5.0
FESTOON-F	1,200	10.0
TOTAL	20,710	106.3



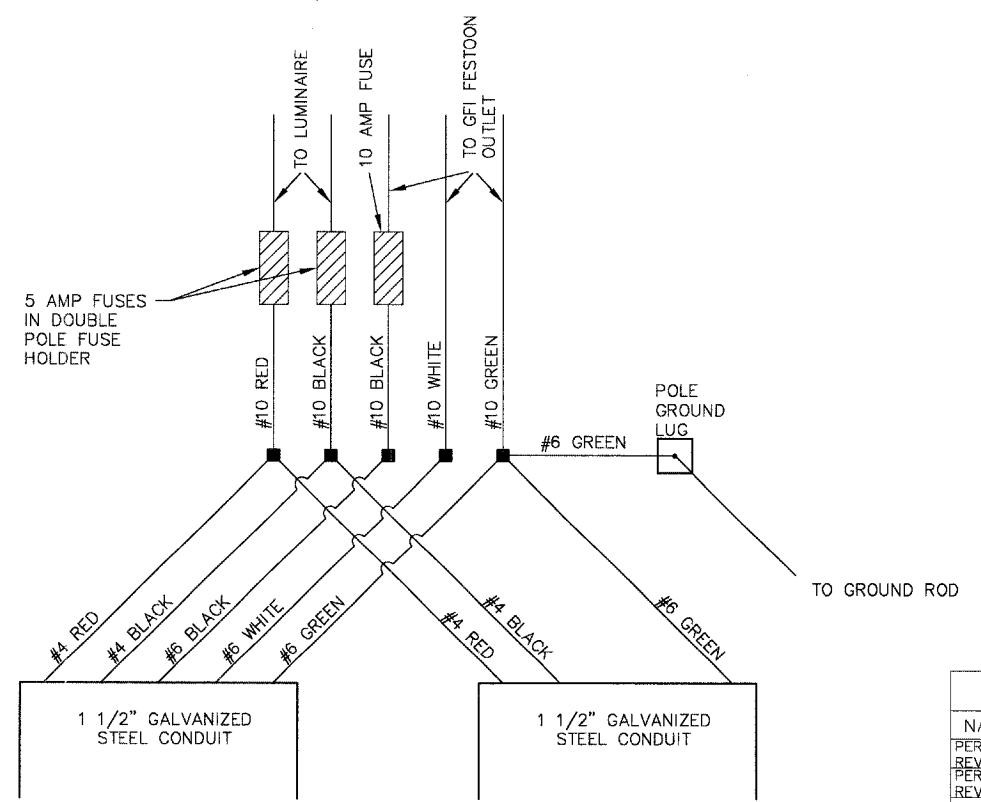
WIRING DIAGRAM

LEGEND

- LIGHT STANDARD WITH 310W LUMINAIRE
- ⬇ GROUND ROD
- COMBINATION MAST ARM ASSEMBLY AND POLE WITH 400 WATT LUMINAIRE
- COMBINATION MAST ARM ASSEMBLY AND POLE WITH TWO MAST ARMS AND 400W LUMINAIRES
- ⊠ LIGHTING CONTROLLER
- HANDHOLE
- ▽ PROPOSED FESTOON OUTLET
- GALVANIZED STEEL CONDUIT FOR THE CIRCUIT SPECIFIED. EACH CONDUIT CONTAINS: 2 #4 1/C STREET LIGHTS, 1 #6 1/C GROUND UNLESS OTHERWISE SHOWN
- POWER POLE



POLE WIRING DETAIL FOR COMBINATION MAST ARM ASSEMBLIES AND POLES WITH TWO LUMINAIRE ARMS



POLE WIRING DETAIL FOR LIGHT STANDARDS WITH FESTOON OUTLETS

REVISIONS	
NAME	DATE
PER BEO	10-7-04
REVIEW	
PER BEO	12-29-04
REVIEW	

STREET LIGHTING DETAILS

CONTROLLER 2 AND POLE WIRING DIAGRAMS

RANDALL ROAD

SCALE: NONE DRAWN BY: JMH
 DATE: 5-26-04 CHECKED BY: DAY

Revised 6-8-05

F.A.P. COUNTY SECTION	ROUTE 99-00243-00-PV	COUNTY	KANE	TOTAL SHTS.	268
CONTRACT NO.	83782				
CROSS SECTION STA. 37+00 TO STA. 38+50					
F.H.W.A. REG. 5 ILLINOIS PROJECT F-0336(C)					

38+50 SEE SHEET 109 109 FOR IL. ROUTE 64 INTERSECTION ELEVATIONS

Cut = 376.6 (SF)
Fill = 0.0 (SF)

NOTE: CROSS HATCH DEPICTS TEMPORARY PAVEMENT.

Cut = 432.8 (SF)
Fill = 2.5 (SF)

37+77
BIT CE LT

Cut = 405.6 (SF)
Fill = 1.8 (SF)

37+00

EXIST. ROW

EXIST. ROW

EXIST. ROW

EXIST. ROW

PROJ. ROW

PROJ. ROW

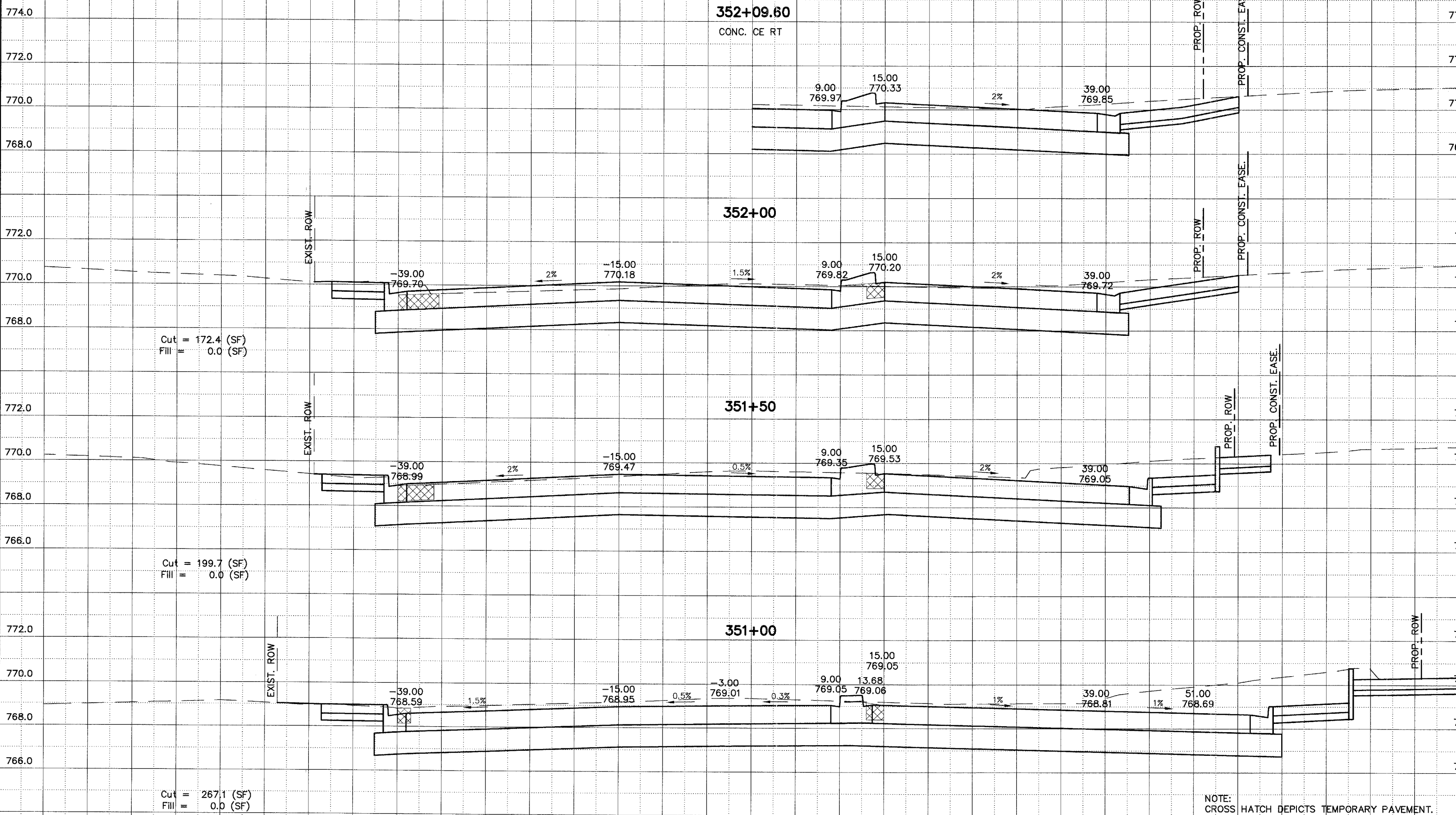
RANDALL ROAD

SCALE:
1" = 5' HORIZ.
1" = 2' VERT.

Revised 6-8-05

ADDENDUM

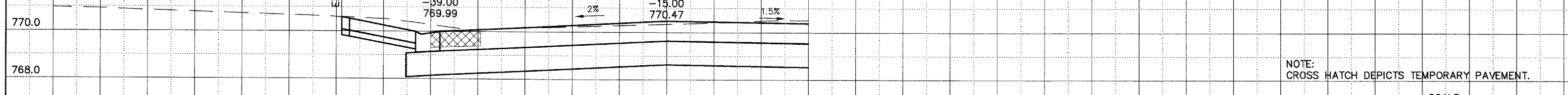
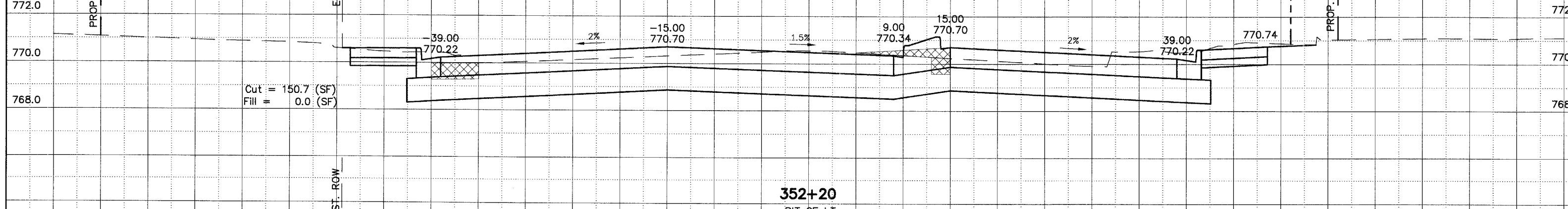
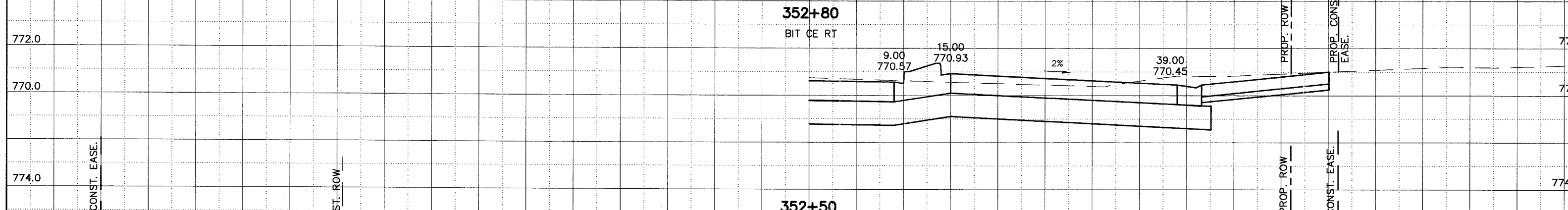
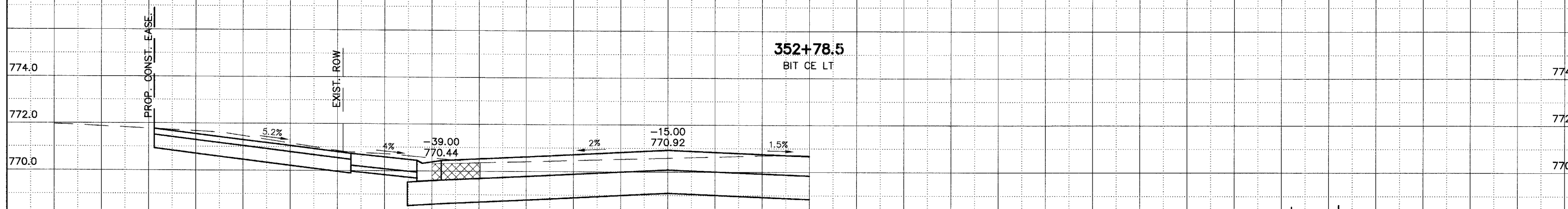
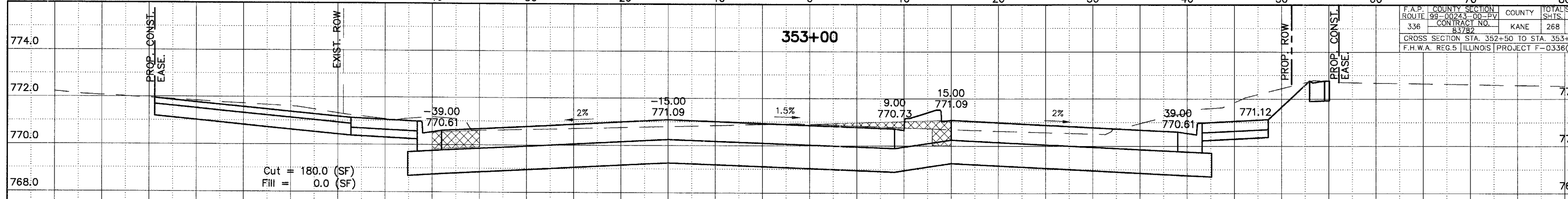
F.A.P.	COUNTY SECTION	COUNTY	TOTAL
ROUTE 99-00243-00-PV		KANE	SHTS.
336	CONTRACT NO.		268
	83782		
CROSS SECTION STA. 351+00 TO STA. 352+00			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336			



ILLINOIS ROUTE 64

SCALE:
1" = 5' HORIZ.
1" = 2' VERT.

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SHEETS
336	99-00243-00-PV	KANE	268
	CONTRACT NO.		
	83782		
CROSS SECTION STA. 352+50 TO STA. 353+00			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(00)			

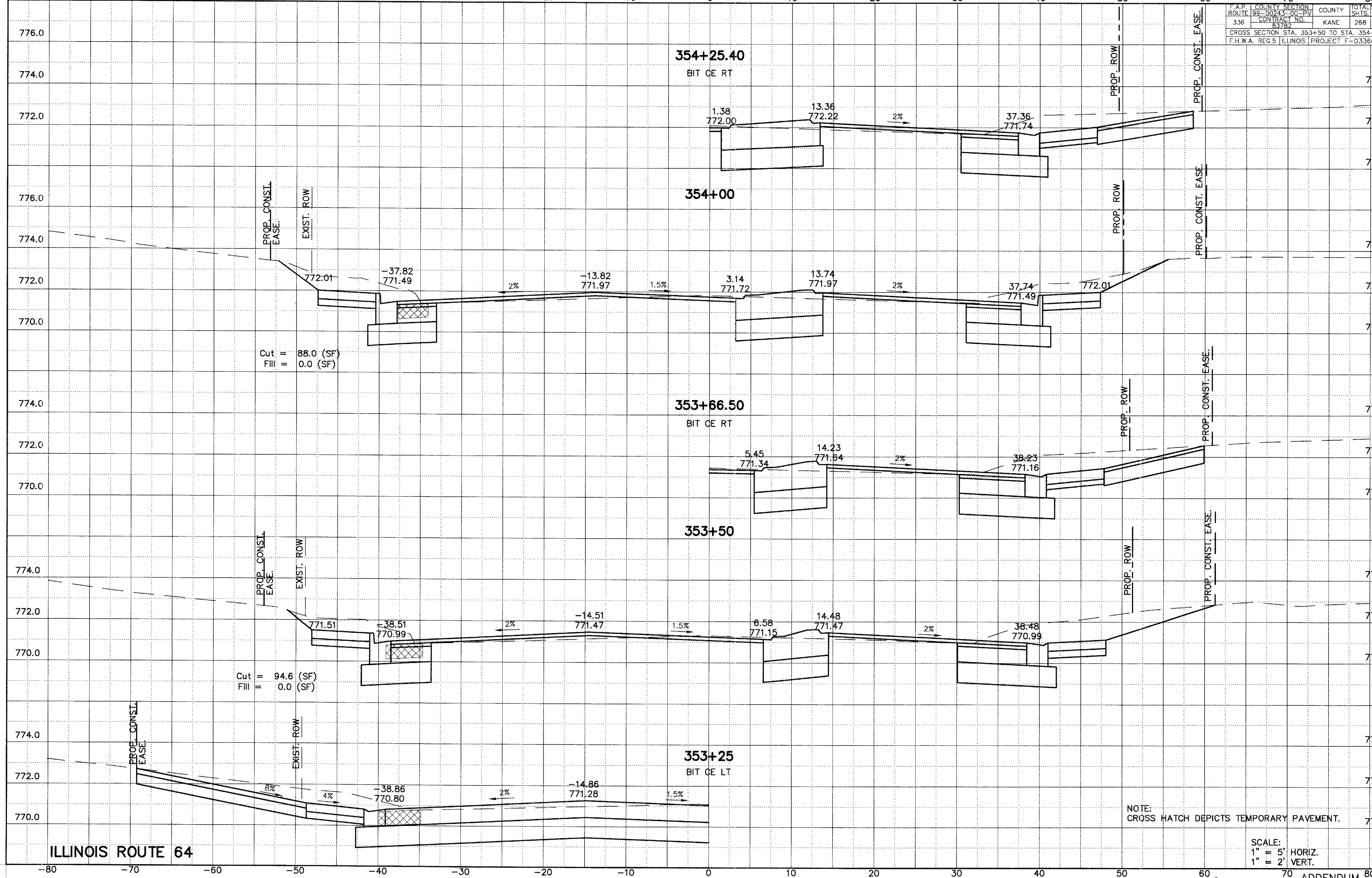


NOTE: CROSS HATCH DEPICTS TEMPORARY PAVEMENT.

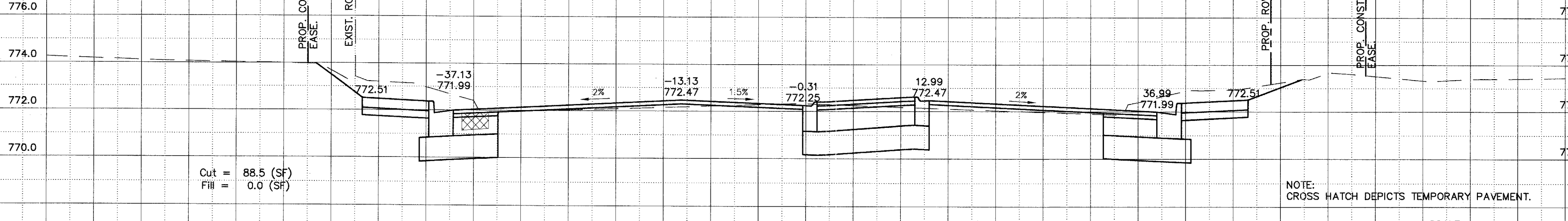
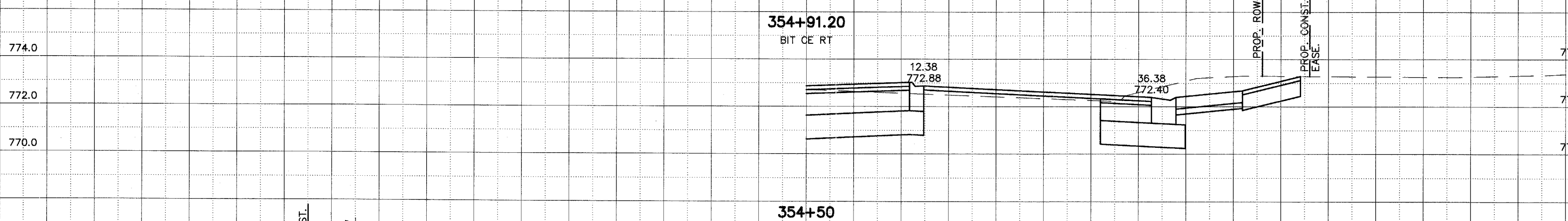
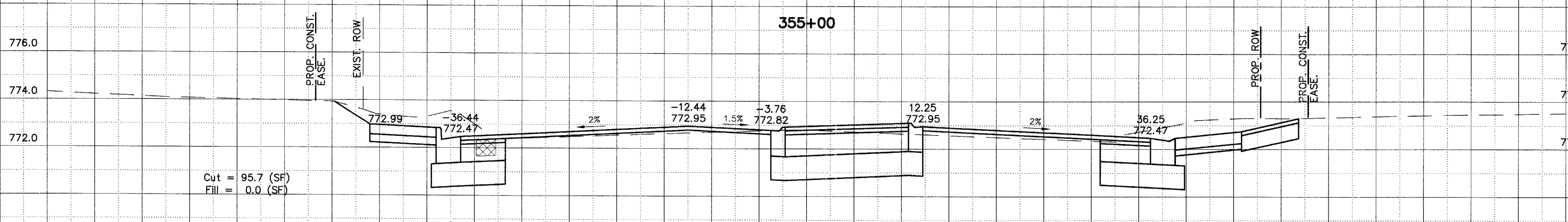
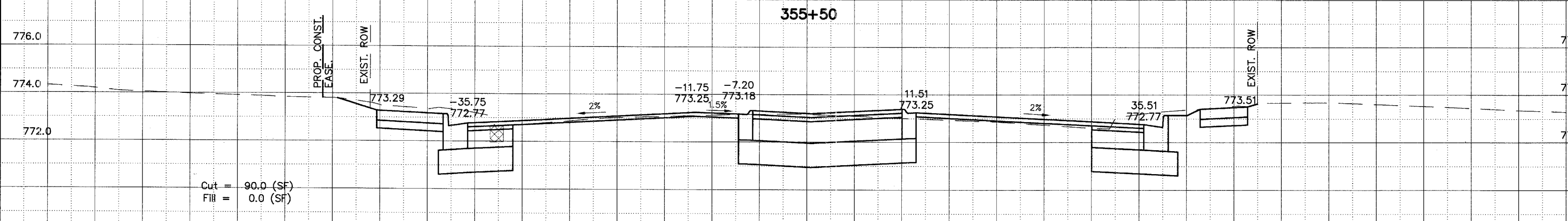
ILLINOIS ROUTE 64

SCALE:
1" = 5' HORIZ.
1" = 2' VERT.

F.A.P. ROUTE	COUNTY SECTION	CROSS SECTION STA.	COUNTY	TOTAL SHEETS
336	99-00243-00-PV	353+50 TO STA. 354+25	KANE	268 / 2
CONTRACT NO. 837B2		PROJECT F-0336(0)		



F.A.P. ROUTE	COUNTY	SECTION	COUNTY	TOTAL SHEETS
336	KANE	00-0243-00-PV	268	2
CONTRACT NO.		83782		
CROSS SECTION STA. 354+50 TO STA. 355+50				
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(0)				



NOTE: CROSS HATCH DEPICTS TEMPORARY PAVEMENT.

ILLINOIS ROUTE 64

SCALE:
1" = 5' HORIZ.
1" = 2' VERT.